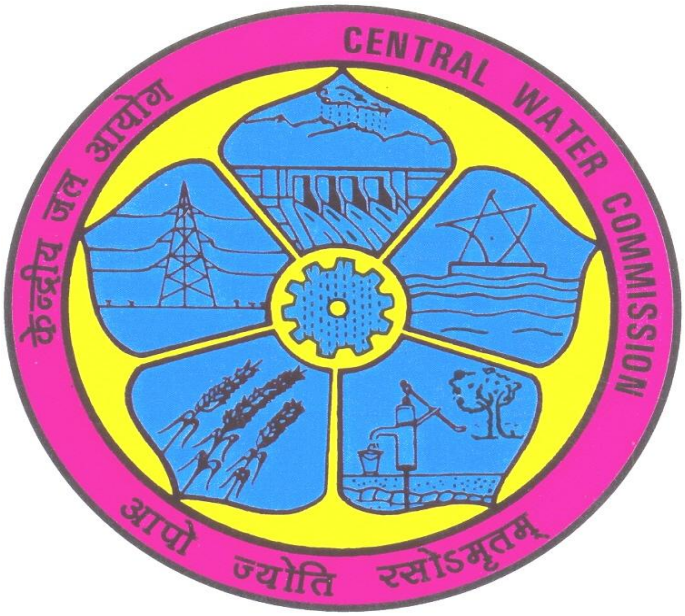
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वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2017 – मई 2018)
(JUNE 2017– MAY 2018)
कावेरी बेसिन
CAUVERY BASIN
खंड– I, नदी प्रवाह एवं निलंबित गाद आँकड़ा
Volume-I, Stream Flow & Suspended Sediment Data



कावेरी एवं दक्षिणी नदियाँ परिमण्डल, बेंगलूरु
CAUVERY & SOUTHERN RIVERS CIRCLE, BENGALURU
कावेरी एवं दक्षिणी नदियाँ संगठन, कोयंबतूर
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मार्च – 2019
MARCH– 2019

PREFACE

Water is a precious natural resource with almost fixed quantum of availability. Fresh water has been becoming a scarce commodity day by day in whole world. It's planning and optimal utilization calls for a well developed Data Bank and maintenance of the Data Bank by regular updation. The Central Water Commission under the Union Ministry of Water Resources, River Development and Ganga Rejuvenation besides being an apex body on Water Resources Sector, has been maintaining a vast system of Hydrological data collection network in different River Basins in India. The collected Hydrological data is being published every water year on basin wise for the benefit of users. This book pertains to the data of Cauvery Basin under the states of Karnataka, Kerala, Tamil Nadu and Puducherry.

With the advent of computerisation of the data, the format of publishing the Water Year Book has also undergone lot of changes. As per the revised format, the Water Year Book is being published in Two Volumes, Volume-I Containing the Stream Flow and Suspended Sediment Data and the Volume-II containing the Water Quality Data. The Book presented here contains the Stream Flow and the Suspended Sediment data in Volume-I for the Water Year 2017-18.

The efforts made by the Cauvery Division, Bengaluru, South Western Rivers Division, Kochi, Southern Rivers Division, Coimbatore, and Hydrology Division, Chennai under this Circle in bringing out this Book deserves appreciation.

V. Mohan Murali

(V. Mohan Murali)
Superintending Engineer
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Bengaluru
March 2019.

प्रस्तावना

जल लगभग तय मात्रा में उपलब्धता के साथ एक कीमती प्राकृतिक संसाधन है। ताजा पानी पूरी दुनिया में दिन–ब–दिन एक दुलर्भ वस्तु बन गया है। यह योजना है कि जल संसाधनों का इष्टतम उपयोग के लिए एक अच्छी तरह से विकसित डाटा बैंक हो और नियमित रूप से डाटा बैंक का अद्यतन किया जाना चाहिए। जल संसाधन, नदी विकास और गंगा संरक्षण मंत्रालय के अंतर्गत केन्द्रीय जल आयोग जल संसाधन क्षेत्र के शीर्ष मंत्रालय के निकाय होने के अलावा भारत के विभिन्न नदी घाटियों का हाइड्रोलॉजिक डाटा संग्रह का एक विशाल नेटवर्क प्रणाली बनाये रखा है। एकत्रित हाइड्रोलॉजिक डाटा का प्रकाशन प्रत्येक जल वर्ष पुस्तक में बेसिन क्रम में उपयोगकर्त्ताओं के लाभ के लिए किया जाता है। इस पुस्तक में कर्नाटक केरल, तमिलनाडु तथा पुडुचेरी राज्यों के अंतर्गत कावेरी बेसिन का डाटा है।

डाटा के कम्प्यूटरीकरण के आगमन से जल वर्ष पुस्तक के प्रकाशन प्रारूप में बहुत परिवर्त्तन आया है। संशोधित प्रारूप के अनुसार जल वर्ष पुस्तक दो संस्करणों में प्रकाशन हो रहा है। प्रथम संस्करण में धारा प्रवाह तथा निलंबित तलछट डाटा और द्वितीय संस्करण में जल गुणवत्ता डाटा के साथ प्रकाशित किया जा रहा है। 2017–18 के जल वर्ष पुस्तक के प्रथम संस्करण में धारा प्रवाह तथा निलंबित तलछट डाटा शामिल है।

इस परिमंडल के अंतगर्त कावेरी मंडल बेंगलुरू, दक्षिण पश्चिमी नदियॉ मंडल कोच्ची, दक्षिणी नदियॉ मंडल कोयंबत्तूर, तथा जल विज्ञान मंडल चेन्नई के प्रयासों से इस पुस्तक का प्रकाशन हुआ सभी प्रशंसा के हकदार है।

वू. मोहन मुरलि

बेंगलुरू
मार्च, 2019

(वू. मोहन मुरलि)
अधीक्षण अभियंता
कावेरी एवं दक्षिणी नदियाँ परिमण्डल

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CAUVERY BASIN

1.0 BASIN DESCRIPTION

1.1 GEOGRAPHICAL DESCRIPTION OF THE BASIN

The River Cauvery originates at Talakaveri in Coorg District of Karnataka in Brahmagiri Range of hills in the Western ghats at an elevation of 1341 m. (above MSL) and drains a total area of 81,155 Sq.Kms. of which 34,273 Sq.Kms lies in Karnataka, 43,856 Sq.Kms. in Tamil Nadu, 2,866 Sq.Kms. in Kerala and 160 Sq.Kms in Union Territory of Pondicherry. The Cauvery basin is bounded by Tungabhadra sub-basin of Krishna basin on the Northern side and Vaigai basin on the Southern side. The Western ghats form the Western boundary. The Nilgiris, an offshore of Western ghats, extend Eastwards to the Eastern ghats and divide the basin into two natural and political regions i.e., Karnataka plateau in the North and the Tamil Nadu plateau in the South. In Tamil Nadu, the Eastern part of the basin is in the elevation range of 0 to 150 m sloping gently up from the sea.

In the initial reaches of the Basin there are four important reservoirs namely 1) Harangi , 2) Hemavathi, 3) Kabini and 4) Krishnaraja Sagara. In the reaches downstream of Krishnaraja Sagara, at Shivanasamudram, the river branches off into two parts and falls through a height of 91 m. in a series of falls and rapids. The falls at this point is utilized for power generation. The power station at Shivanasamudram was built in as early as 1902. The two branches of the river join after the fall and flow through a wide gorge, which is known as "Mekedatu" (Goats leap) and continues its journey to form the boundary between Karnataka and Tamil Nadu States for a distance of 64 Kms. At Hogenakkal Falls, it takes southernly direction and enters the Mettur Reservoir which was constructed in 1934. A tributary called Bhavani joins Cauvery on the Right bank about 45 Kms below Mettur Reservoir. Thereafter it takes easternly course to enter the plains of Tamil Nadu. Two more tributaries Noyyal and Amaravathi join on the right bank and here the river widens with sandy bed and flows as "Akhanda Cauvery".

Immediately after crossing Tiruchirapalli district, the river divides into two parts, the Northern branch being called "The Coleroon" and Southern branch remains as Cauvery and from here the Cauvery Delta begins. After flowing for about 16 Kms, the two branches join again to form "Srirangam Island". On the Cauvery branch lies the “Grand Anicut” said to have been constructed by a Chola King in 2nd Century A.D. Below the Grand Anicut, the Cauvery branch splits into two, Cauvery and Vennar. These branches divide and sub-divide into small branches and form a network all over the delta. A brief description of the delta in the Karaikal region is given separately under para-1.2.1.The total length of the river from the origin to its outfall into the sea is 800 Kms. of which 320 Kms. is in Karnataka, 416 Kms. in Tamil Nadu and 64 Kms. forms the common border between the Karnataka and Tamil Nadu states. The Cauvery basin is fan shaped in Karnataka and leaf shaped in Tamil Nadu. The run-off does not drain off quickly because of its shape and therefore no fast rising floods occur in the basin.

There are **35** Nos. of Hydrological Observation Stations and **27** Nos. of Rainfall Stations in the basin being operated by CWC, out of which 7

Hydrological Observation stations and 5 Rainfall stations are under Karaikal Delta region. A basin map showing all these stations is enclosed as **Plate-I.** The details of classification of these sites are mentioned in the **Annexure-I.** A Tree Structure showing the Sites in Basin is also enclosed as **Annexure-II.**

There are 57 Nos. of Hydrological Observation sites being operated by State Government of Karnataka, Tamil Nadu & Kerala shown in **Plate No.II.** The details are indicated in **Annexure-III.**

Regarding the Rainfall Stations in this Basin, apart from 27 Rainfall Stations operated by CWC, there are another 153 Rainfall Stations operated by concerned State Governments spreading over the states of Karnataka, Tamil Nadu & Kerala. Further, there are **8** more Rainfall stations operated by India Meteorological Department (IMD). A Basin map indicating the location of Rainfall Stations operated by State Governments and IMD is enclosed as **Plate – III**. The details are mentioned in **Annexure-IV**.

1.2 DESCRIPTION OF THE RIVER SYSTEM

The Cauvery river system consists of 21 principal tributaries each with Catchment Area exceeding 250 Sq.Kms. The largest of all of them are the Catchment Area Shimsha, lying wholly in Karnataka, the Amaravathi rising in Kerala but lying mostly in Tamilandu and the Kabini rising in both Kerala and Tamil Nadu but lying mostly in Karnataka. The Bhavani is the fourth largest and the second longest. Bhavani River originates from Nilgiri hills of the Western Ghats, enters the Silent Valley National Park in Kerala and flows back towards Tamil Nadu. The longest tributary, the Hemavathi (245 Kms.) is the fifth largest in Catchment Area and lies wholly in Karnataka.

From the point of view of flow contribution to the system, apart from the head reach of the Cauvery main, the most important tributaries are I) the Hemavathi, ii) the Kabini and iii) the Bhavani and are briefly described below.

The Hemavathi

The Hemavathi rises in the Western ghats and runs South-East. After a stream from the West joins it, it turns East, receiving the Yagachi from the North. It then winds round Holenarasipur and runs South to the Cauvery near Yedatore.

The Kabini

The Kabini is an important tributary of the Cauvery. It is a perennial river, 150 to 200 M. wide and has a course of about 240 Kms. It rises in the Western ghats in North Wynad in Kerala State as two streams i.e. the Mannantoddypuzha and Panamarampuzha. About 16 Kms. below their confluence, the Kabini forms border between Kerala and Karnataka for about 12 Kms. before entering Karnataka state. It joins the Cauvery at Tirumakudalu Narasipur (T.N.Pur) and this confluence point is being considered as a spot of great sanctity. The confluence point is also called as “Triveni Sangama”.

The Bhavani

The Bhavani is a 217-kilometer long perennial river and it originates from Nilgiri hills of the Western Ghats fed mostly by the southwest monsoon and supplemented by the northeast monsoon. Its watershed drains an area of

0.62 million hectares spread over Tamil Nadu (87%), Kerala (9%) and Karnataka (4%). The main river courses majorly through Coimbatore district and Erode district in Tamil Nadu.

BRIEF REPORT ON DISTRIBUTARIES OF CAUVERY DELTA IN KARAIKAL REGION

There are mainly 7 distributaries from the river Cauvery in delta region that contributes the flow for the Karaikal area which are as follows:

1. Nandalar
2. Nattar
3. Vanjiyar
4. Noolar
5. Arasalar
6. Thirumalairajanar
7. Puravadaiyanar

All the distributaries in the region are non-perennial and flow is mainly due to Cauvery release during June to January. No considerable flow occurs due to South-West monsoon. For most of the months in the year, the flows available are the releases/regulated flows from upper regulators maintained by Tamil Nadu. Central Water Commission has set up Hydrological Observation stations on all these distributaries and Gauge & Discharge observations are being taken regularly.

1.3 CLIMATIC CHARACTERISTICS

Climate

In the Cauvery basin, four distinct seasons occur. They are I) Cold Weather, ii) Hot weather, iii) South-West Monsoon, and iv) North-East Monsoon.

In the cold season, the Western ghat is cooler than the rest of the basin and the climate is generally pleasant. In the hot weather season, the Central, Northern and Eastern regions are hotter than the Western most parts. The South-West monsoon sets by middle of June and ends by middle of September. During this season the basin receives major rainfall. The North-East monsoon is from October to December and is important particularly to Eastern part i.e. Tamil Nadu.

Temperature

The basin has a tropical climate. In the Upper reaches i.e., Kerala and Karnataka, the variation in temperature is very small. The mean temperature (Mean of Max. and Min.) in Kerala is below 20°C and in Karnataka it ranges between 20°C to 26°C. The mean temperature in Tamil Nadu is between 26° C to 30° C.

Rainfall

. The basin is mainly influenced by South-West monsoon in the Karnataka & Kerala and North-East monsoon in Tamil Nadu. The normal annual rainfall in Kerala region is about 2400 mm. In the Western ghats it ranges from 3800 mm to 1700 mm. In Karnataka, the average rainfall is between 600 mm to 800 mm. resulting into Semi-arid condition. In Tamil Nadu, the average rainfall is low ranging from 500 mm to 1000 mm and is semi-arid. Most of the parts in Tamil Nadu receive rainfall from the North-East Monsoon.

Evaporation

As per the evaporation data observed by India Meteorological Department and Government of Karnataka, the mean annual evaporation is in the order of 150 cm to 260 cm. in Karnataka state and is about 250 cm. in Tamil Nadu part of the basin. The mean daily evaporation varies from 4 mm to 6 mm increasing from East to West during January. The mean daily evaporation is increasing from North-West to South-East being about 8 to 9 mm in July and 5 to 6 mm in October. The mean annual evaporation is about 2500 mm.

1.4 GEOLOGY

The area falling in the Cauvery basin mainly comprises of Igneous and Metamorphic rocks of Pre Cambrian age, either exposed or covered by this mantle of residual and transported soils. The main component rock types are Dharwar Seluists, Granites and granitic gneisses and chromites. The Manjrabad area of Hassan district in Karnataka rests on the border of Western ghats and comprises some of the most beautiful scenery in the Karnataka state. The hills forming the Western limits of the district extend from the past at the "Bisley Ghat" to the "Jenkle Betta" and includes peaks like "Puspagiri" or "Subramanya" close to the South-West border rising to a height of 1715 m. Besides Jenkle betta at 1389 m, Devara Betta raises to a height of 1282 m. and Murukanagudda at 1300 m. Also Indra betta in Hassan district is 1020 m high and is noted for 52 feet colossal statue of "Gommateshwara" on its summit. The Melkote range forms a series of conspicuous hills marked by trignometrical status (Melokota peak) and these are composed of pink to light grey granite gneisses. Intruding all the rocks are several felsites and porphyry dykes. The porphyry dykes are situated in the neighborhood of Mysore city. The delta area in Tamil Nadu is underlain by formation of Quarternery, Tertiary and Cretaceous age. In the Western parts of the basin there are igneous and metamorphic rocks of Archalan age.

1.5 DESCRIPTION OF WATER STORAGE/DIVERSION STRUCTURES

There are about **22** Major and Medium Irrigation Projects in Karnataka and **24** in Tamil Nadu. Besides the above, there are series of 10 masonry Anicuts constructed across the main Cauvery River and some of its tributaries in Tamil Nadu. A Basin Map showing the locations of the projects is enclosed as **Plate – IV** and the list of the completed / on-going projects is given as **Annexure – V.** These Irrigation systems have been in operation prior to 1900 A.D. The areas getting benefited from these channels in Karnataka lie mainly in Mysore, Mandya and Hassan districts and to a small extent in Kodagu and Bangalore districts.

The irrigation to an extent of 77,172 hectares is confined to a narrow stretch hugging the banks of the river. Large areas in Tanjore and Tiruchirapalli districts of Tamil Nadu are benefited through the canal system taking off from Grand Anicut and Upper Anicut. The Grand Anicut, which was constructed around 2nd Century A.D, is considered to be an engineering marvel of ancient India.

2 STREAM FLOW DATA

2.1 METHODOLOGY

The standard method being adopted at all the sites for collecting the data is explained briefly as under:

Three lines of staff gauges are maintained at all the sites for observing water levels and surface slope. All these levels are connected to GTSBM value. The Water Level at Central Gauge line is used for arriving at a Stage-Discharge relationship at each site.

Velocities are recorded by using current meters as per IS:3918-1966 (reaffirmed -2001) by boat with cable way or with outboard engine at higher stages and by wading at lower stages. Where the facility of boats is not available, Discharge measurements are carried out from the nearby bridges.

Observed data at the field station is entered / computed in different formats prescribed for the purpose and later processed at various levels using SWDES and HYMOS Softwares before publishing in the Water Year Book.

On the days when the discharge observations are not conducted due to holidays or any other reasons, the same have been estimated from the established Stage- Discharge curve of the site of the current year against 0800Hrs stage. Some of the observations, which do not fall within the established curve due to some errors in observation or wind effect etc., are discarded and discharges are again estimated from the established Stage-Discharge curve against 0800Hrs stage.

2.2 DATA AVAILABILITY

As already mentioned, Central Water Commission is conducting Hydrological Observations at **35** stations spread over Four states of Karnataka, Kerala, Tamil Nadu and Pondicherry. Daily discharge data collected at these **35** sites for the year 2017-18 has been finalized and presented in this volume in the form of Water Year Book.

The Data presented in this book has been collected by the four Divisions viz., Cauvery Division, Bangalore; Southern Rivers Division, Coimbatore; Hydrology Division, Chennai and South-Western Rivers Division, Kochi.

2.3 EXPLANATORY NOTES

The explanatory notes described here under are designed to assist in the interpretation of Hydrological Parameters contained in the data presented subsequently. The notes are, therefore valid in so far as the data presented in this book is concerned.

i) Water Year ranges from June 1st of one calendar year to May 31st of the next calendar year and covers one complete Hydrological Cycle.

ii) Discharge is given in Cubic meters per second (Cumecs).

iii) Discharges given are daily observed discharges commencing at 08.00 hrs.

iv) Discharge indicated with asterisk (*) mark is the estimated discharge corresponding to stage at 08.00Hrs. and the Discharge indicated with (#) mark is the discarded and estimated discharge corresponding to stage at 08.00 Hrs.

v) The ZERO R.L. of a gauge (ZOG) is a datum level fixed for a given site, which is generally kept 1 m or 2 m lower than the lowest water level recorded in a perennial stream. In a non-perennial stream, it is kept 1 m or 2 m lower than the lowest bed level of the stream.

vi) Discharges are rounded off to :

a) Nearest full integer when more than 1000
b) Nearest first decimal figure when between 100-999.
c) Nearest two decimal figure when between 10-99.
d) Nearest three decimal figure when less than 10.

vii) Maximum and Minimum discharge are taken from daily observed/estimated discharge.

viii) Run off in mm is the notional depth of water in millimeters over the catchments, equivalent to annual runoff calculated at the discharge measurement station. It is computed using the relation:

$$\text{Run off (mm)} = \frac{\text{Annual runoff (M.Cum)}}{\text{Catchment Area (in Km}^2\text{)}} \times 1000$$

IX) Peak and lowest flow correspond to the highest and lowest Water Levels recorded during the period of record.

X) Measuring Authority refers to the field division responsible for the Operation of the Hydrological Observation Stations.

XI) The Observation Station Code Number is a unique seven-column alpha-numeric reference number, which facilitates storage and retrieval of flow data in data bank. The first column is identifier of either an integral river basin or for convenience a region having several continuous river catchments. This is followed by a column that identifies an independent river system, which either have one or more outlets to the sea or

crosses international border to enter another country. The third, fourth and fifth column spaces denote first, second and third order tributaries respectively from the mouth upstream. The sixth and seventh column spaces indicate the location of the Gauging Station in one of 225 slots earmarked on the river. The blank column spaces are filled by zero.

3 HYDROLOGICAL DATA

3.1 HISTORY SHEET

The History sheets enclosed give the description of the Hydrological Observation Stations such as Site name, Zero of Gauge, State, District, River basin, Catchment Area, Latitude/Longitude, Etc,. Peak / Minimum Discharges and the corresponding water levels right from the inception of the site up to the Previous Water Year are also shown. However, the run-off, Maximum and Minimum flows of the current Water Year are shown at the end of Data Sheet.

3.2 DATA SHEET

In this sheet the observed/estimated daily Stage-Discharge tables are shown month-wise together with Ten-Daily, Monthly and Annual summaries. Graphs of Water Level v/s Time showing three highest flood peaks that occurred during the current water year are also generated and included in the Year Book.

3.3 CHARTS/MAPS

The year wise total Annual Run-Offs of the site from the year of inception up to the current year are reflected in the bar charts. Further, the Histogram/Hydrograph of monthly average discharge values are depicted in two separate pie charts one for the current Water Year and the other for all the Water Years from year of inception up to the previous Water Year. The Pre-monsoon and Post-monsoon Cross Sections of each Site are also inserted wherever available.

4 SEDIMENT DATA

There are **20** Sediment observations Stations under this Basin and the Sediment data of all the 20 sites has been collected during the Year. The Sediment Data of all the 20 sites has been included in this Water Year Book. Bed Material Data of **18** sites has also been included. There is no Bed Material data in respect of sites Urachikottai & Nellithurai due to rocky bed.

4.1 SOURCE OF INFORMATION

Suspended Sediment observation stations for which data for 2017-18 is presented in this volume are maintained by the i) Hydrology Division, Chennai ii) Southern rivers Division, Coimbatore iii) South Western Rivers Division, Kochi and iv) Cauvery Division , Bangalore and the names of the stations are given below:

4.1.1

HYDROLOGY DIVISION, CHENNAI

1. Thirumalairajanar at Thengudi

SOUTHERN RIVERS DIVISION, COIMBATORE

1. Cauvery at Musiri
2. Amaravathi at Nallamaranpatti
3. Noyyal at E-Mangalam
4. Cauvery at Kodumudi
5. Bhavani at Savandapur
6. Moyar at Thengumarahada
7. Bhavani at Nellithurai
8. Cauvery at Urachikottai
9. Palar at Kudlur
10. Cauvery at Biligundulu

CAUVERY DIVISION, BANGALORE

1. Arkavathi at T.Bekuppe
2. Cauvery at Kudige
3. Shimsha at T.K.Halli
4. Cauvery at Kollegal
5. Kabini at T.Narasipur
6. Hemavathi at Akkihebbal
7. Hemavathi at M.H.Halli
8. Hemavathi at Sakleshpur

SOUTH WESTERN RIVERS DIVISION, KOCHI

1. Kabini at Muthankera

4.1.2 OBSERVATION TECHNIQUE

Suspended sediment observations are conducted daily along with the discharge observations.

Sampling is done from boat or by wading. The Punjab type bottle sampler is used for collecting sediment samples. The sediment samples collected from flowing channels are analysed for the three grades of sediment viz. Coarse, Medium and Fine. Coarse and Medium grades are separated by sieving using standard sieves of 212 microns and 75 microns respectively and Fine grade sediment by filtration. Grade wise concentration is determined by gravimetric method.

Samples are generally collected at 0.6 depth from various verticals along the cross section of the river. These verticals are grouped into three or more composite sections for the purpose of analysis of Coarse and Medium grades of sediment. For Fine grade, the sediment samples, after removing the Coarse and Medium grade are combined into a single group and analysed. Selection of the composite sections is done in such a way so as to ensure that the discharges through each of the composite sections are nearly equal.

4.1.3 CLASSIFICATION OF SEDIMENT

Sediment is classified as Coarse, Medium and Fine according to the diameter as indicated below:

Coarse : Sediment above 0.20 mm diameter

Medium : Sediment between 0.20 and 0.075 mm diameter

Fine : Sediment below 0.075 mm diameter

The values given in the daily sediment data sheets are observed values. For non-observed days the values are either taken from Discharge – Sediment Curves or from neighborhood values.

4.2 METHOD OF PRESENTATION

The various data tables presented are generated from the validated SWDES Data base through SWDES software. Some of the features of the tables generated are briefly explained as below:

4.2.1 When the sediment samples analyzed give non-measurable sediment, it is presumed to be of "nil" value and recorded accordingly. The Table of Annual Sediment Load along with the season-wise Sediment Loads for the period from the Date of inception up to the Last Year is generated. A bar Chart for the same but including the Sediment load for current year is also generated separately. Separate tables showing Daily observed sediment data & Pie Charts are also generated.

5.0 BED MATERIAL DATA

The Bed Material Survey and Analysis data used to be published separately as Bed material analysis data book till the year 1990. Since Bed material survey and analysis work also form a part of the sediment observation work, it was decided to publish the Sediment data and the Bed material survey and analysis data in a single volume from the year 1990-91 onwards. With the revision of format of Water Year Book, the Sediment and Bed Material data is included with Water Year Book itself from 2006-07 onwards.

5.1 OBSERVATION TECHNIQUES

Bed material survey is conducted at the station gauge line three times in a Water Year i.e during Monsoon, Post monsoon and Pre-monsoon seasons. Samples at the required intervals from the dry as well as the flowing part of the river bed are collected and the river cross section on the date of survey is also taken. Sampling segments are fixed as per the standard requirements, subject to a minimum of three samples. Samples from the flowing channel are collected by means of a scoop type bed material sampler. For the dry part, the bed is cleared off the vegetation etc. by removing about 10 to 15 cm. of the top layer with a scraper and a suitable pit of about 30 to 40 cm. is dug out and representative samples are collected. These samples are reduced to the required quantity by the cone and quartering process. The samples thus reduced are put into polythene covers and packed into thick cloth bags. The cloth bags are then labeled with the relevant particulars of the river and the samples are sent to the divisional laboratory for analysis.

5.2 THE ANALYSIS

The bed material samples are analyzed at the divisional laboratory for the particles size distribution in two stages. First, the sample is weighed and then placed in the top 40.0 mm dia. sieve of a set of Sieves having diameter ranging from 0.6 mm to 40 mm. Shaking the Sieve is done with the help of a mechanical Sieve Shaker. After 10 to 15 minutes of shaking, the material retained in each Sieve is collected and weighed. The total weight of various fractions must be equal to the initial weight of the sample used for analysis. The material passing through the last 0.6 mm dia. sieve is again analyzed by means of the Puri's Siltometer. From the result of the above analysis, Summation Curves are drawn as per the standard procedure and the mean diameter of each example is worked out. From this the Silt Factor can be calculated using the formula $f = 1.76 \sqrt{m}$ where 'm' is the mean diameter of the sample in mm. The mean diameter of the sample, maximum diameter of the sample, details of the sample collected and the general data of the river are furnished in this publication.

DATA OF THE SAMPLE COLLECTED

In the data of the sample collected, the RD from which the sample is collected, RL of dry bed (in case sample is collected from dry bed), RL of bed level (in case sample is collected from flowing channel), Water level, Depth of water, Segment width, Velocity at the RD and the Segment discharge on the date of sampling are furnished.

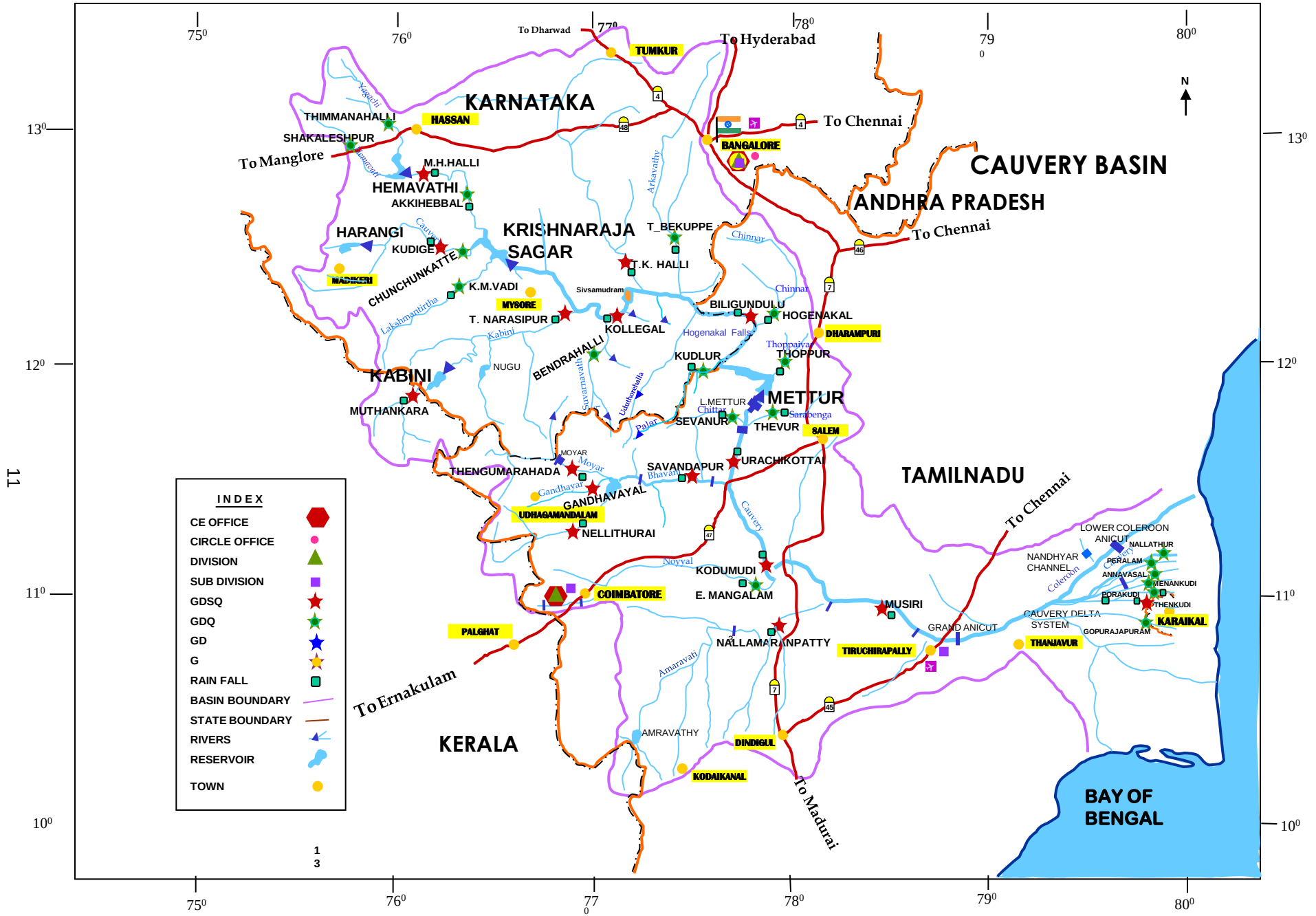
5.2.2 GENERAL DATA OF RIVER

In the general data of the river the Hydraulic mean depth, Mean velocity, Surface water slope and the discharge on the date of sampling etc. are shown.

5.2.3 BED MATERIAL COMPOSITION

Under bed material composition, the maximum size and mean size of each sample and also the maximum size and the mean size for the entire cross section for each season are recorded. The minimum size for each sample has been assumed as 0.06 mm. since this has been observed uniformly in every sample.

BASIN MAP SHOWING CWC H.O SITES AND RAIN FALL STATIONS IN CAUVERY BASIN



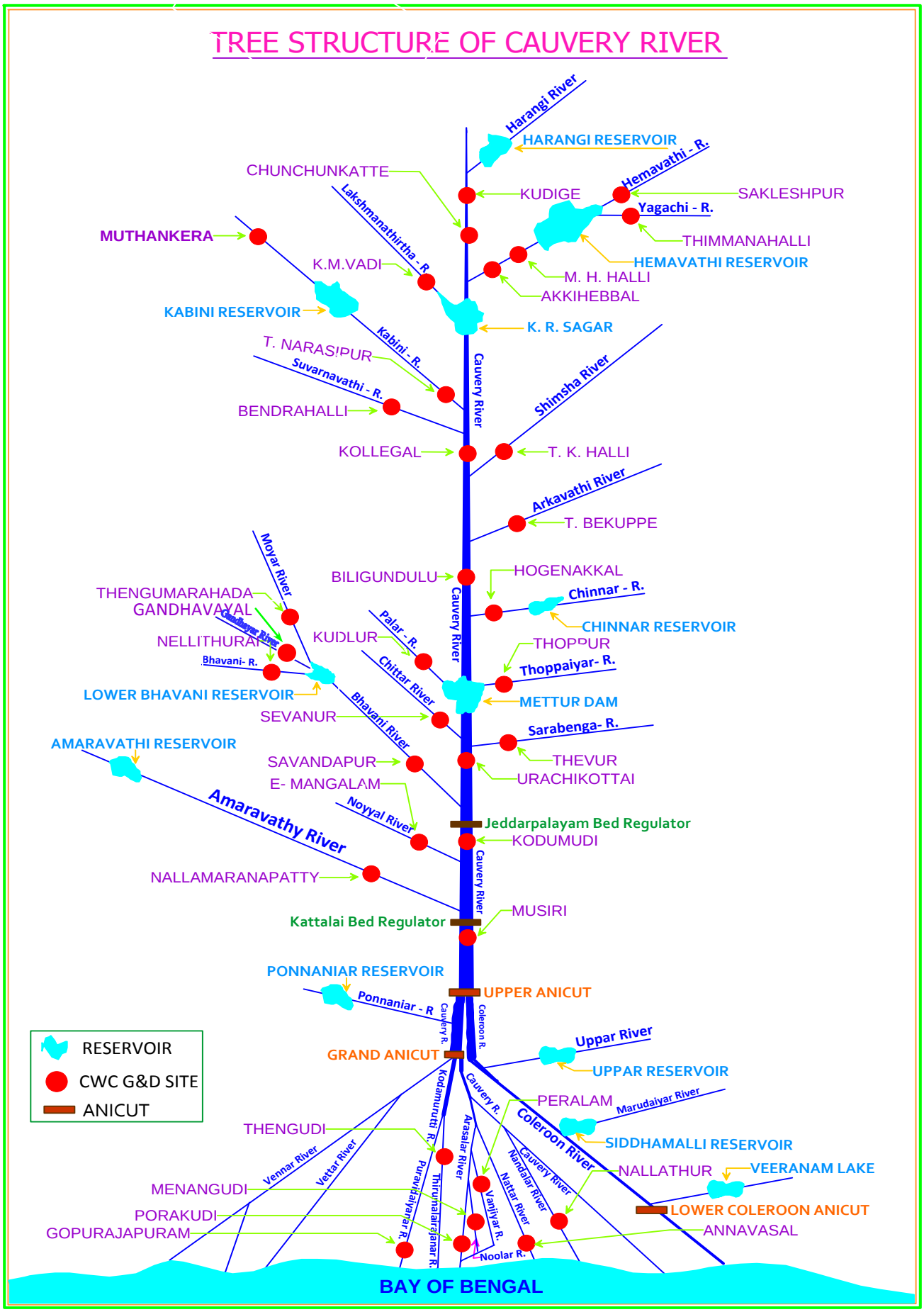
11

Annexure - I

STATEMENT SHOWING HO SITES IN CAUVERY BASIN

Sl No.	Name of the site	River Name	Type
1	GOPURAJAPURAM	Puravadaiyanar	GDQ & RF
2	ANNAVASAL	Nattar	GDQ & RF
3	NALLATHUR	Nandalar	GDQ
4	MENANGUDI	Nular	GDQ
5	PORAKUDI	Arasalar	GDQ & RF
6	PERALAM	Vanjiyar	GDQ & RF
7	THENGUDI	Thirumalairajanar	GDSQ & RF
8	MUSIRI	Main Cauvery	GDSQ & RF
9	NALAMMARANPATTI	Amaravathi	GDSQ & RF
10	E-MANAGALAM	Noyyal	GDSQ & RF
11	KODUMUDI	Main Cauvery	GDSQ & RF
12	SAVANDAPUR	Bhavani	GDSQ & RF
13	THENGUMARAHADA	Bhavani/Moyar	GDSQ & RF
14	GANDHAVAYAL	Gandhayar	GDSQ
15	NELLITHURAI	Bhavani	GDSQ & RF
16	URACHIKOTTAI	Main Cauvery	GDSQ & RF
17	THEVUR	Sarabenga	GDQ & RF
18	SEVANUR	Chittar	GDQ & RF
19	THOPPUR	Thoppaiyar	GDQ & RF
20	KUDLUR	Palar	GDSQ & RF
21	HOGENAKKAL	Chinnar	GDQ
22	BILIGUNDULU	Main Cauvery	GDSQ & RF
23	T. BEKUPPE	Arkavathi	GDSQ & RF
24	T.K.HALLI	Shimsa	GDSQ & RF
25	KOLLEGAL	Main Cauvery	GDSQ & RF
26	BENDRAHALLI	Suvarnavathi	GDQ
27	T.NARASIPUR	Kabini	GDSQ & RF
28	MUTHANKERA	Kabini	GDSQ & RF
29	K.M.VADI	Lakshmana-thirtha	GDQ & RF
30	AKKIHEBBAL	Hemavathy	GDSQ & RF
31	M.H.HALLI	Hemavathy	GDSQ & RF
32	THIMMANAHALLI	Yagachi/Hemavathy	GDQ
33	SAKLESHPUR	Hemavathy	GDSQ
34	CHUNCHUNKATTE	Main Cauvery	GDQ
35	KUDIGE	Main Cauvery	GDSQ & RF

Index: GD= Gauge & Discharge, RF=Rainfall Station
GDQ= Gauge, Discharge & Water Quality,
GDSQ= Gauge, Discharge, Sediment & Water Quality


TREE STRUCTURE OF CAUVERY RIVER
Harangi River
HARANGI RESERVOIR
CHUNCHUNKATTE
KUDIGE
Hemavathi - R.
SAKLESHPUR
Yagachi - R.
THIMMANAHALLI
HEMAVATHI RESERVOIR
Lakshmanathirtha - R.
MUTHANKERA
K.M.VADI
M. H. HALLI
AKKIHEBBAL
KABINI RESERVOIR
K. R. SAGAR
Kabini - R.
T. NARASIPUR
Cauvery River
Suvarnavathi - R.
Shimsha River
BENDRAHALLI
KOLLEGAL
T. K. HALLI
Arkavathi River
T. BEKUPPE
Moyar River
BILIGUNDULU
HOGENAKKAL
THENGUMARAHADA
GANDHAVAYAL
Chinnar - R.
CHINNAR RESERVOIR
Gundlar River
NELLITHURAI
KUDLUR
Palar - R.
THOPPUR
Bhavani- R.
Chittar River
Thoppaiyar- R.
LOWER BHAVANI RESERVOIR
METTUR DAM
SEVANUR
Bhavani River
Sarabenga- R.
AMARAVATHI RESERVOIR
SAVANDAPUR
THEVUR
E- MANGALAM
URACHIKOTTAI
Amaravathy River
Noyyal River
Jeddarpalayam Bed Regulator
KODUMUDI
NALLAMARANAPATTY
Cauvery River
MUSIRI
Kattalai Bed Regulator
PONNANIAR RESERVOIR
UPPER ANICUT
Ponnaniar - R
Cauvery R.
Coleroon R.
Uppar River
GRAND ANICUT
UPPAR RESERVOIR
Kodamuruttri R.
Cauvery R.
PERALAM
Marudaiyar River
Coleroon River
THENGUDI
Arasalar River
SIDDHAMALLI RESERVOIR
Vennar River
Vettar River
Cauvery River
Nandalar River
NALLATHUR
VEERANAM LAKE
MENANGUDI
Puravaiyar R.
Thirumalairajanar R.
Nattar River
LOWER COLEROON ANICUT
PORAKUDI
Vaniliyar R.
GOPURAJAPURAM
ANNAVASAL
Noolar R.
BAY OF BENGAL
RESERVOIR
CWC G&D SITE
ANICUT

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Gopurajapuram**	**Code**	:	**CCA32D2**
State	:	Tamil Nadu	District		Nagapattinam
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Puravadaiyanar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Left
Latitude	:	10°51'05"	Longitude	:	79°48'00"
Zero of Gauge (m)	:	13.000 (m.s.l) Arb -2.000 (m.s.l)	01-02-1998 01-06-1999	-	31-05-1999
		Opening Date	Closing Date		
Gauge	:	01-02-1998			
Discharge	:	01-02-1999			
Sediment	:				
Water Quality	:	01-10-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	30.35	2.200	23-11-1999	0.000	Dry Bed	01-06-1999
2000-2001	32.25	2.170	28-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	26.14	2.520	02-02-2002	0.000	Dry Bed	01-06-2001
2002-2003	8.089	1.680	22-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	11.36	1.620	01-12-2003	0.000	Dry Bed	01-06-2003
2004-2005	35.60	3.120	31-10-2004	0.000	Dry Bed	01-06-2004
2005-2006	51.80	3.240	08-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	42.93	2.510	28-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	32.99	2.425	28-10-2007	0.000	Dry Bed	01-06-2007
2008-2009	47.43	3.230	01-12-2008	0.000	Dry Bed	01-06-2008
2009-2010	30.51	2.575	10-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	39.73	2.840	05-12-2010	0.000	Dry Bed	01-06-2010
2011-2012	38.64	2.480	27-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	34.58	2.880	01-11-2012	0.000	0.060	01-06-2012
2013-2014	16.94	1.662	06-12-2013	0.000	0.300	01-06-2013
2014-2015	30.20	2.385	22-10-2014	0.000	0.420	01-06-2014
2015-2016	31.43	2.445	10-12-2015	0.000	0.170	01-06-2015
2016-2017	0.000	0.260	05-04-2017	0.000	0.420	26-06-2016

Q:Observed / Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov		
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	
1	0.110	0.000	0.265	0.000	0.225	0.000	0.275	0.000	0.150	0.000	1.390	6.253	#
2	0.115	0.000	0.260	0.000	0.270	0.000	0.270	0.000	0.145	0.000	1.215	3.784	#
3	0.140	0.000	0.255	0.000	0.265	0.000	0.265	0.000	0.135	0.000	1.410	7.432	
4	0.150	0.000	0.250	0.000	0.270	0.000	0.260	0.000	0.130	0.000	1.550	8.991	*
5	0.155	0.000	0.270	0.000	0.280	0.000	0.265	0.000	0.120	0.000	1.630	10.50	*
6	0.235	0.000	0.265	0.000	0.275	0.000	0.265	0.000	0.120	0.000	1.620	8.647	
7	0.240	0.000	0.270	0.000	0.310	0.000	0.250	0.000	0.115	0.000	1.538	7.712	
8	0.255	0.000	0.265	0.000	0.315	0.000	0.235	0.000	0.110	0.000	1.518	8.391	
9	0.255	0.000	0.260	0.000	0.325	0.000	0.230	0.000	0.105	0.000	1.458	8.533	
10	0.250	0.000	0.260	0.000	0.330	0.000	0.225	0.000	0.100	0.000	1.478	7.726	
11	0.245	0.000	0.265	0.000	0.330	0.000	0.230	0.000	0.095	0.000	1.488	9.273	
12	0.240	0.000	0.255	0.000	0.345	0.000	0.235	0.000	0.085	0.000	1.390	6.253	*
13	0.240	0.000	0.255	0.000	0.370	0.000	0.245	0.000	0.075	0.000	1.330	0.000	
14	0.245	0.000	0.250	0.000	0.375	0.000	0.250	0.000	0.090	0.000	1.275	0.000	
15	0.250	0.000	0.245	0.000	0.365	0.000	0.235	0.000	0.090	0.000	1.140	0.000	
16	0.250	0.000	0.245	0.000	0.360	0.000	0.230	0.000	0.080	0.000	0.995	0.000	
17	0.260	0.000	0.240	0.000	0.290	0.000	0.230	0.000	0.080	0.000	0.835	0.000	
18	0.260	0.000	0.235	0.000	0.280	0.000	0.235	0.000	0.070	0.000	0.765	0.000	
19	0.255	0.000	0.235	0.000	0.285	0.000	0.215	0.000	0.065	0.000	0.735	0.000	
20	0.260	0.000	0.230	0.000	0.280	0.000	0.205	0.000	0.060	0.000	0.700	0.000	
21	0.265	0.000	0.225	0.000	0.270	0.000	0.195	0.000	0.065	0.000	0.560	0.000	
22	0.260	0.000	0.230	0.000	0.265	0.000	0.190	0.000	0.075	0.000	0.565	0.000	
23	0.255	0.000	0.230	0.000	0.260	0.000	0.185	0.000	0.085	0.000	0.540	0.000	
24	0.255	0.000	0.235	0.000	0.270	0.000	0.180	0.000	0.090	0.000	0.510	0.000	
25	0.250	0.000	0.230	0.000	0.275	0.000	0.175	0.000	0.085	0.000	0.500	0.000	
26	0.245	0.000	0.230	0.000	0.280	0.000	0.170	0.000	0.085	0.000	0.515	0.000	
27	0.245	0.000	0.225	0.000	0.285	0.000	0.170	0.000	0.080	0.000	0.575	0.000	
28	0.250	0.000	0.230	0.000	0.290	0.000	0.175	0.000	0.150	0.000	0.640	0.000	
29	0.255	0.000	0.235	0.000	0.295	0.000	0.170	0.000	0.150	0.000	0.720	0.000	
30	0.260	0.000	0.235	0.000	0.290	0.000	0.160	0.000	0.225	0.000	0.725	0.000	
31			0.230	0.000	0.280	0.000			1.228	3.404			
Ten-Daily Mean													
I Ten-Daily	0.190	0.000	0.262	0.000	0.287	0.000	0.254	0.000	0.123	0.000	1.480	7.797	
II Ten-Daily	0.250	0.000	0.245	0.000	0.328	0.000	0.231	0.000	0.079	0.000	1.065	1.553	
III Ten-Daily	0.254	0.000	0.230	0.000	0.278	0.000	0.177	0.000	0.211	0.309	0.585	0.000	
Monthly													
Min.	0.110	0.000	0.225	0.000	0.225	0.000	0.160	0.000	0.060	0.000	0.500	0.000	
Max.	0.265	0.000	0.270	0.000	0.375	0.000	0.275	0.000	1.227	3.404	1.630	10.50	
Mean	0.232	0	0.245	0	0.297	0	0.221	0	0.140	0.11	1.044	3.117	

Annual Runoff in MCM = 25 Annual Runoff in mm =

Peak Observed Discharge = 22.83 cumecs on 04/12/2017 Corres. Water Level :2.155 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0.11 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	1.233	11.98	0.395	0.000	0.430	0.000	0.315	0.000	0.275	0.000	0.135	0.000
2	1.625	17.36 *	0.375	0.000	0.430	0.000	0.320	0.000	0.270	0.000	0.130	0.000
3	1.950	20.93 *	0.355	0.000	0.410	0.000	0.325	0.000	0.265	0.000	0.125	0.000
4	2.155	22.83	0.345	0.000	0.400	0.000	0.320	0.000	0.255	0.000	0.120	0.000
5	1.930	20.19	0.490	0.000	0.395	0.000	0.315	0.000	0.265	0.000	0.115	0.000
6	1.718	18.59	0.530	0.000	0.380	0.000	0.310	0.000	0.260	0.000	0.110	0.000
7	1.600	17.61	0.525	0.000	0.305	0.000	0.305	0.000	0.255	0.000	0.110	0.000
8	1.518	16.17	0.480	0.000	0.285	0.000	0.300	0.000	0.250	0.000	0.105	0.000
9	1.345	14.91	0.470	0.000	0.275	0.000	0.295	0.000	0.245	0.000	0.105	0.000
10	1.215	12.87 *	0.520	0.000	0.255	0.000	0.305	0.000	0.240	0.000	0.110	0.000
11	1.385	15.39	0.570	0.000	0.250	0.000	0.310	0.000	0.235	0.000	0.115	0.000
12	1.405	0.000	0.715	0.000	0.240	0.000	0.310	0.000	0.230	0.000	0.115	0.000
13	1.345	0.000	0.750	0.000	0.230	0.000	0.315	0.000	0.225	0.000	0.110	0.000
14	1.270	0.000	0.760	0.000	0.220	0.000	0.320	0.000	0.220	0.000	0.110	0.000
15	1.180	0.000	0.770	0.000	0.260	0.000	0.310	0.000	0.215	0.000	0.105	0.000
16	1.075	0.000	0.655	0.000	0.270	0.000	0.310	0.000	0.210	0.000	0.115	0.000
17	0.985	0.000	0.640	0.000	0.270	0.000	0.305	0.000	0.205	0.000	0.110	0.000
18	0.880	0.000	0.480	0.000	0.265	0.000	0.300	0.000	0.200	0.000	0.105	0.000
19	0.720	0.000	0.420	0.000	0.290	0.000	0.295	0.000	0.195	0.000	0.105	0.000
20	0.645	0.000	0.400	0.000	0.320	0.000	0.300	0.000	0.190	0.000	0.100	0.000
21	0.595	0.000	0.385	0.000	0.310	0.000	0.305	0.000	0.185	0.000	0.100	0.000
22	0.615	0.000	0.420	0.000	0.330	0.000	0.315	0.000	0.180	0.000	0.105	0.000
23	0.595	0.000	0.390	0.000	0.325	0.000	0.320	0.000	0.175	0.000	0.115	0.000
24	0.570	0.000	0.400	0.000	0.320	0.000	0.315	0.000	0.170	0.000	0.120	0.000
25	0.545	0.000	0.385	0.000	0.315	0.000	0.310	0.000	0.165	0.000	0.115	0.000
26	0.520	0.000	0.375	0.000	0.310	0.000	0.305	0.000	0.160	0.000	0.105	0.000
27	0.500	0.000	0.365	0.000	0.305	0.000	0.300	0.000	0.155	0.000	0.105	0.000
28	0.480	0.000	0.355	0.000	0.300	0.000	0.295	0.000	0.150	0.000	0.105	0.000
29	0.465	0.000	0.350	0.000			0.290	0.000	0.145	0.000	0.105	0.000
30	0.445	0.000	0.390	0.000			0.290	0.000	0.140	0.000	0.105	0.000
31	0.415	0.000	0.420	0.000			0.280	0.000			0.100	0.000
Ten-Daily Mean												
I Ten-Daily	1.629	17.34	0.448	0.000	0.357	0.000	0.311	0.000	0.258	0.000	0.117	0.000
II Ten-Daily	1.089	1.539	0.616	0.000	0.262	0.000	0.308	0.000	0.213	0.000	0.109	0.000
III Ten-Daily	0.522	0.000	0.385	0.000	0.314	0.000	0.302	0.000	0.162	0.000	0.107	0.000
Monthly												
Min.	0.415	0.000	0.345	0.000	0.220	0.000	0.280	0.000	0.140	0.000	0.100	0.000
Max.	2.155	22.83	0.770	0.000	0.430	0.000	0.325	0.000	0.275	0.000	0.135	0.000
Mean	1.062	6.091	0.480	0	0.311	0	0.307	0	0.211	0	0.111	0

Peak Computed Discharge = 20.93 cumecs on 03/12/2017 Corres. Water Level :1.95 m

Lowest Computed Discharge = 6.253 cumecs on 12/11/2017 Corres. Water Level :1.39 m

Q:Observed/Computed Discharge in cumecs

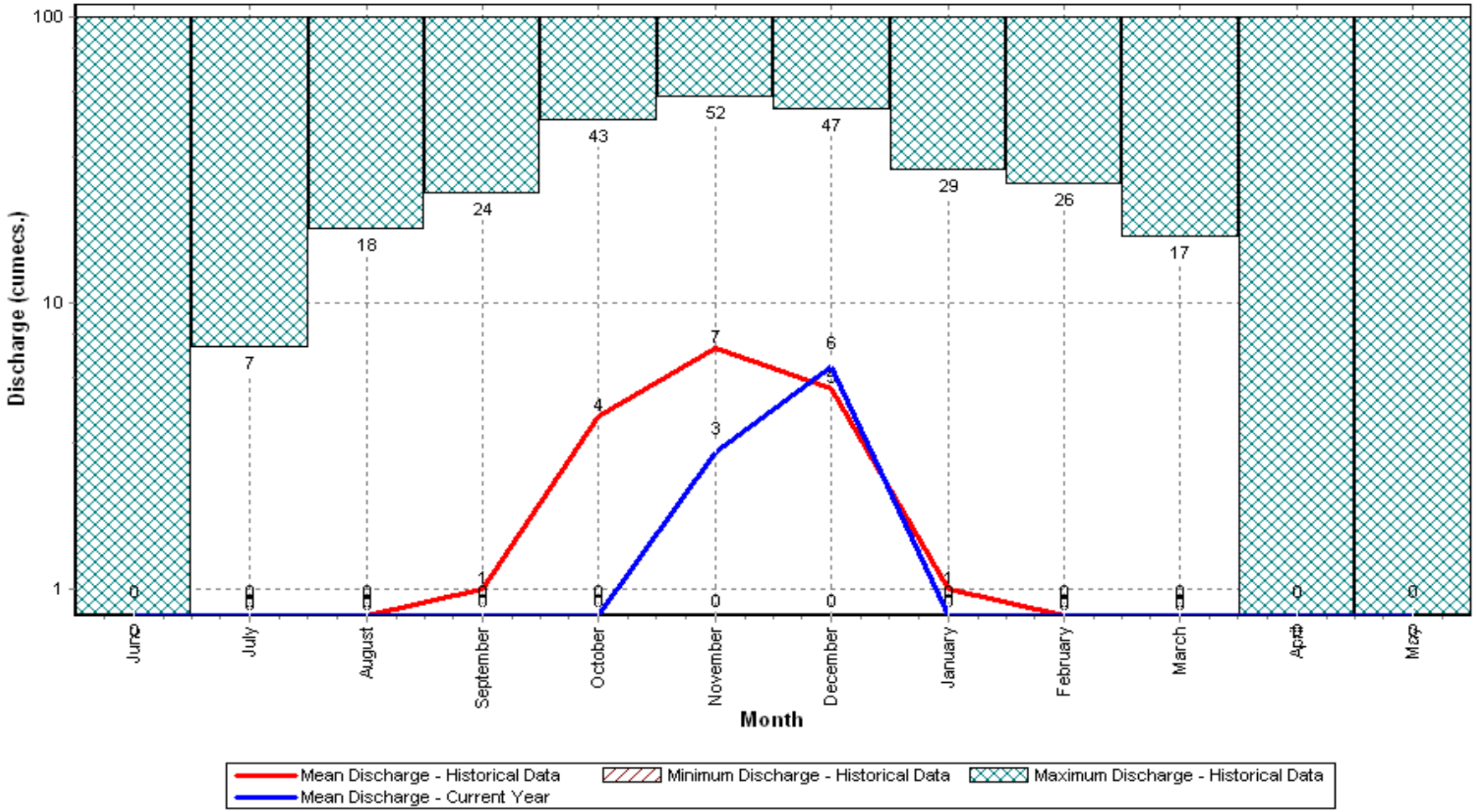
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2) | **Data considered : 1999-2018** | **Division : Hydrology Division, Chennai**

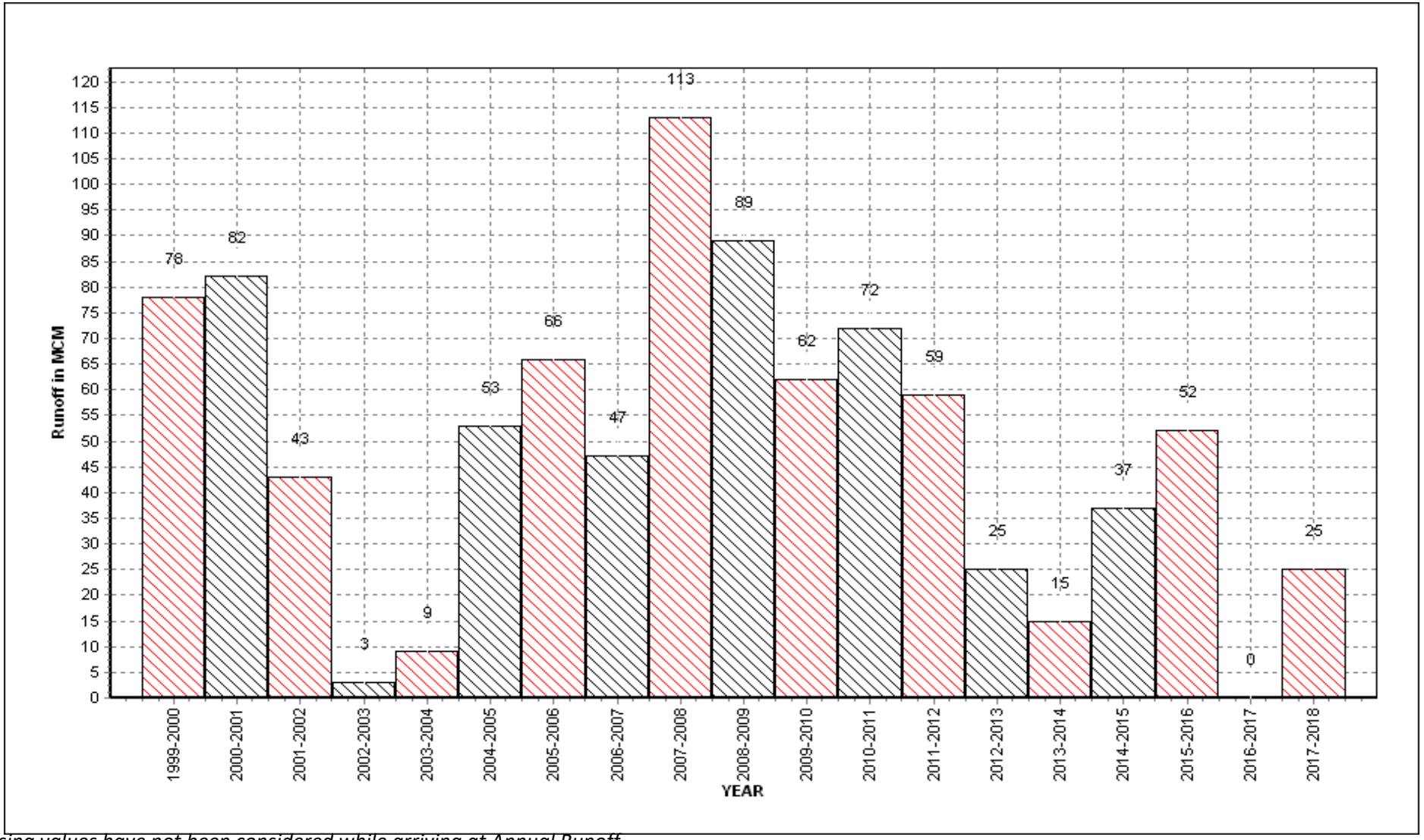
Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**



Annual Runoff Values for the period: 1999 - 2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

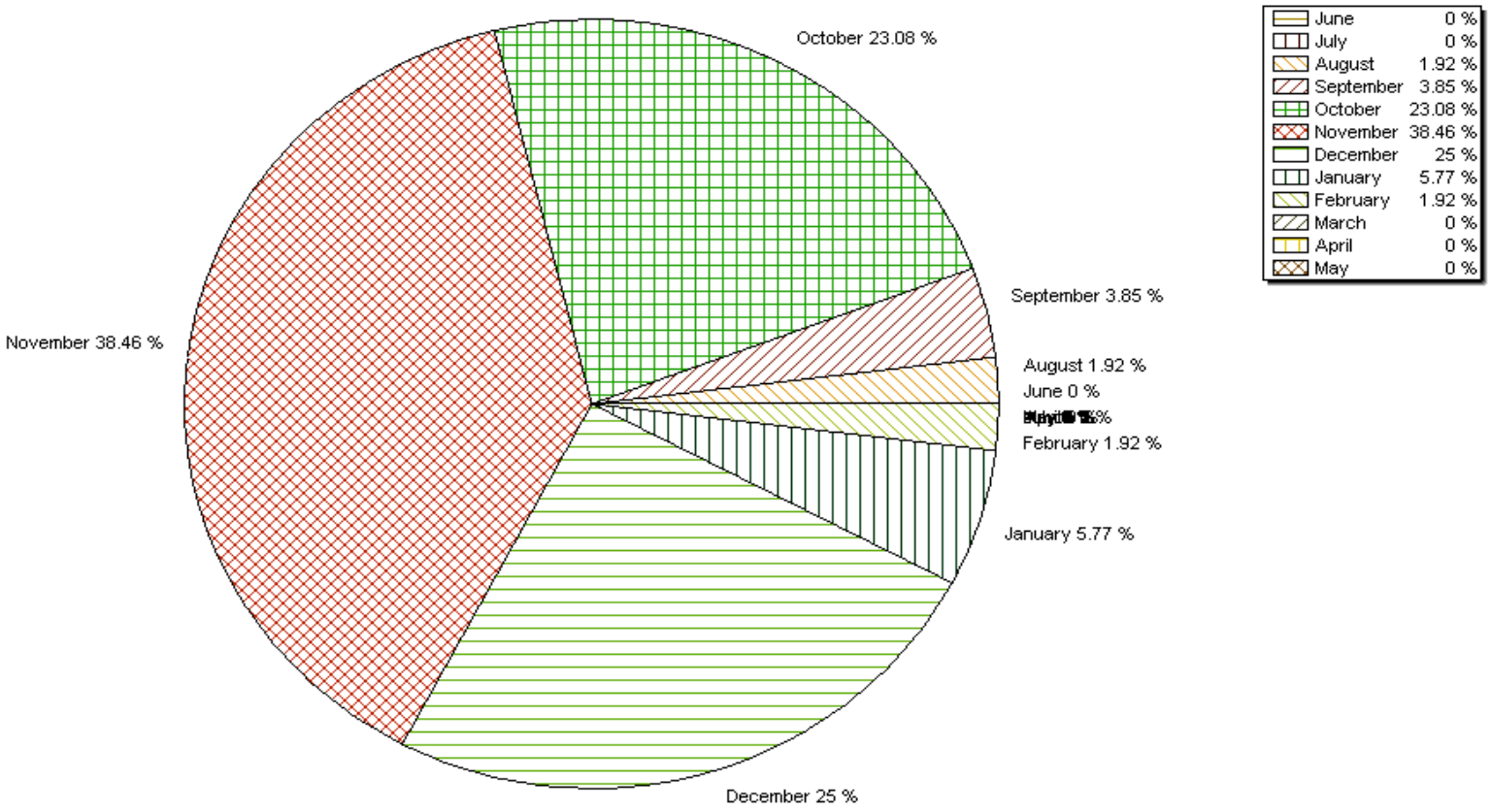


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2017

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



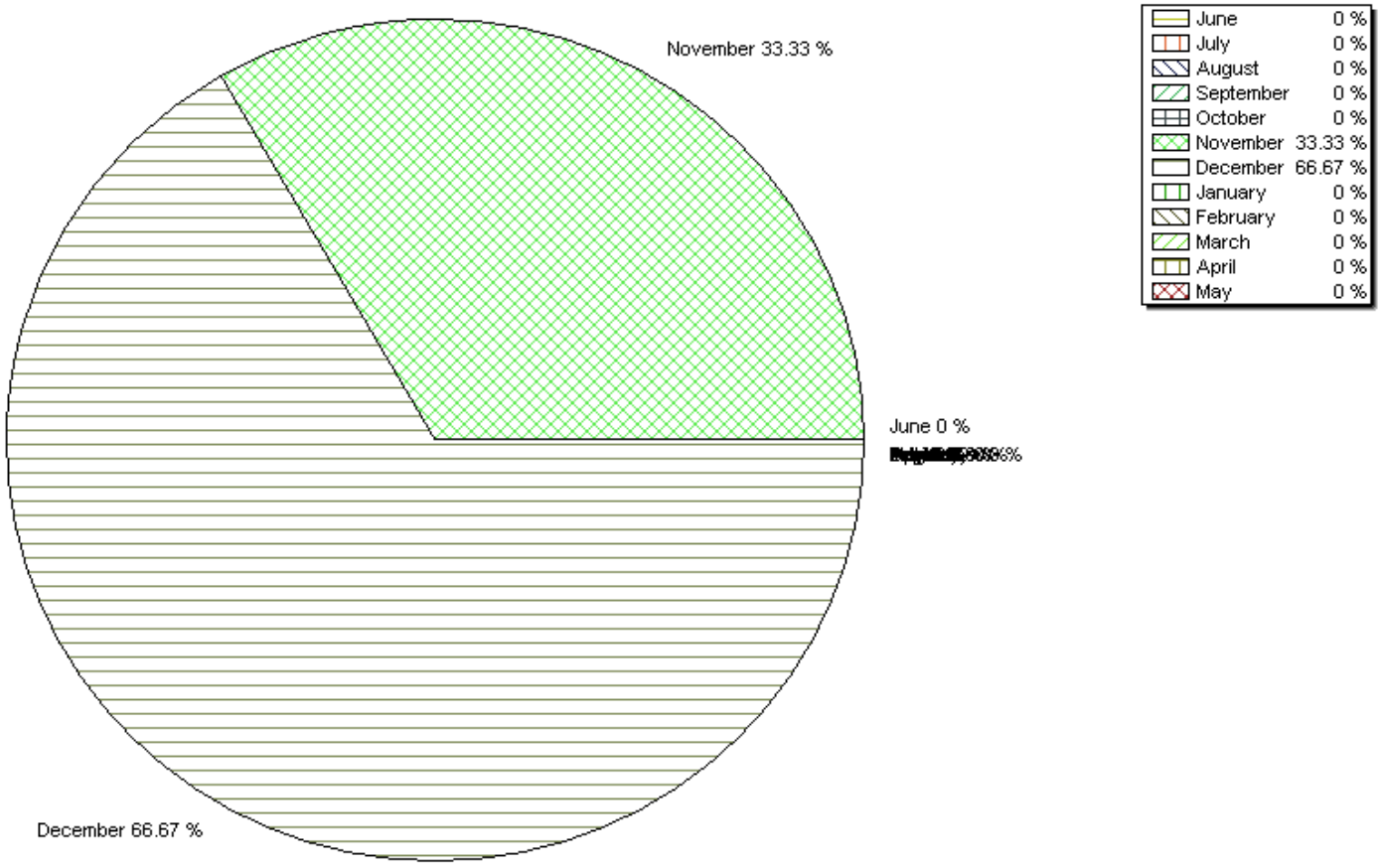
Monthly Runoff for the Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2)

Division : Hydrology Division, Chennai

Local River : Cauvery

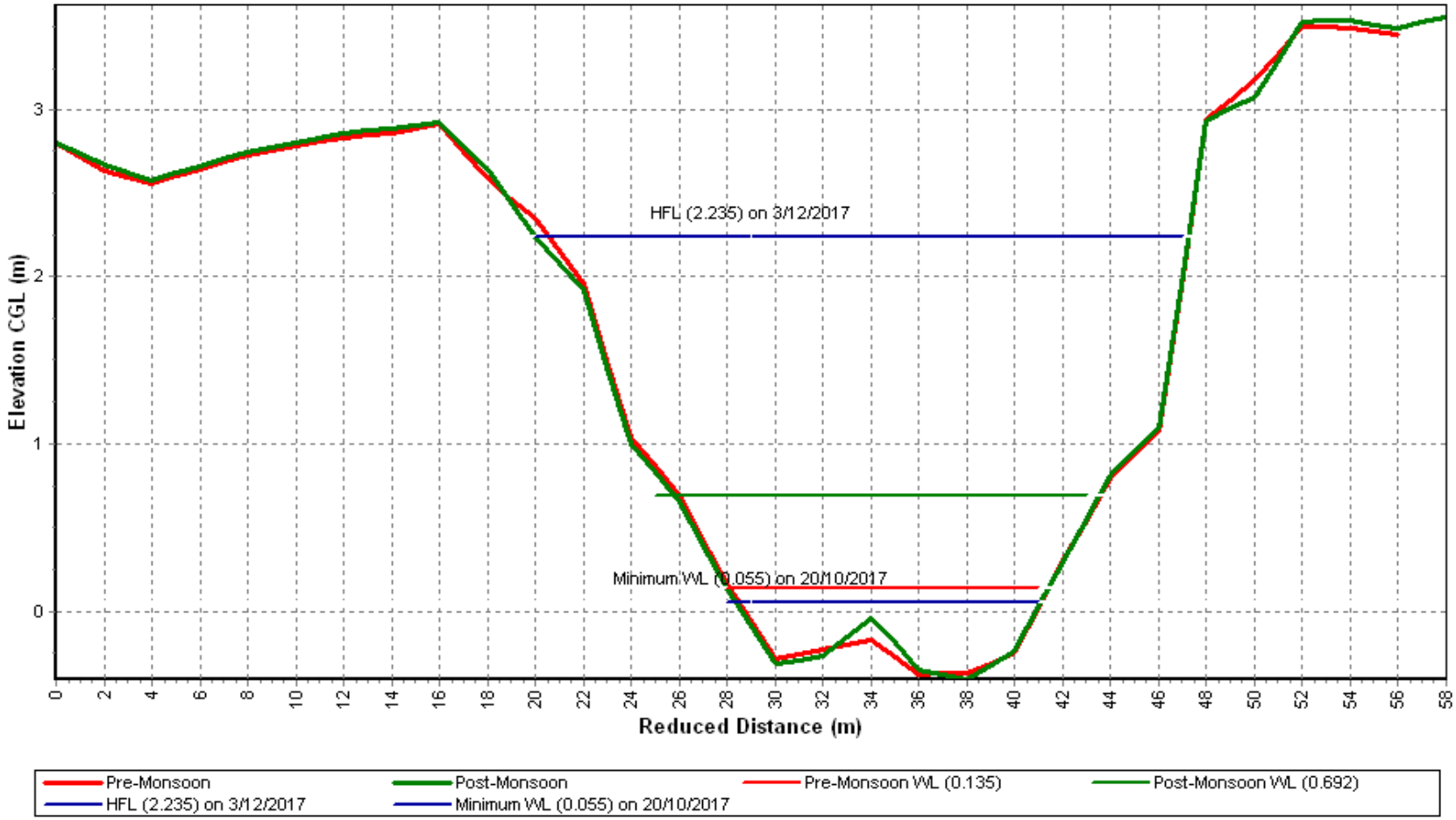
Sub-Division : Cauvery Delta SD, Karaikkal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

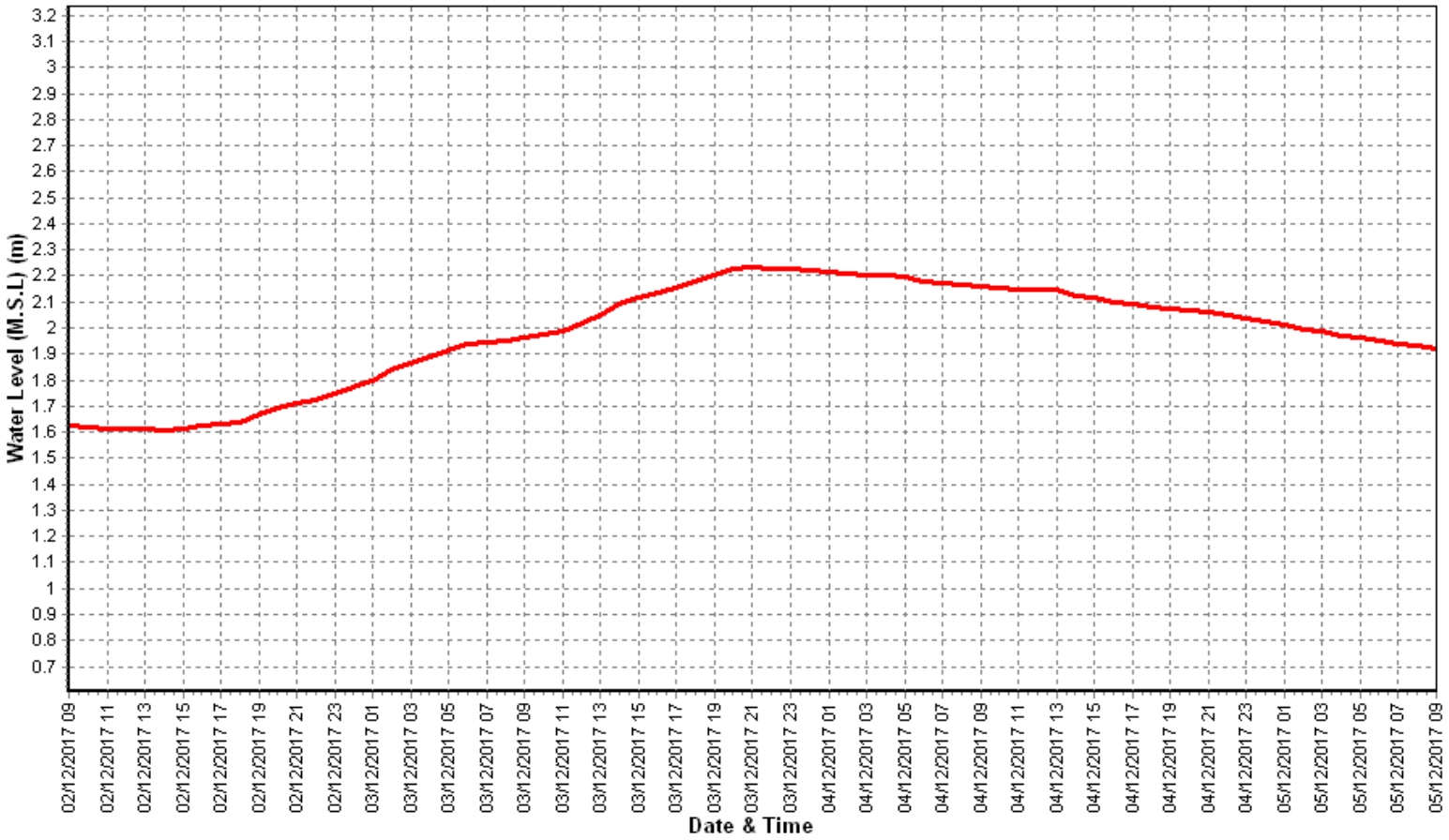
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

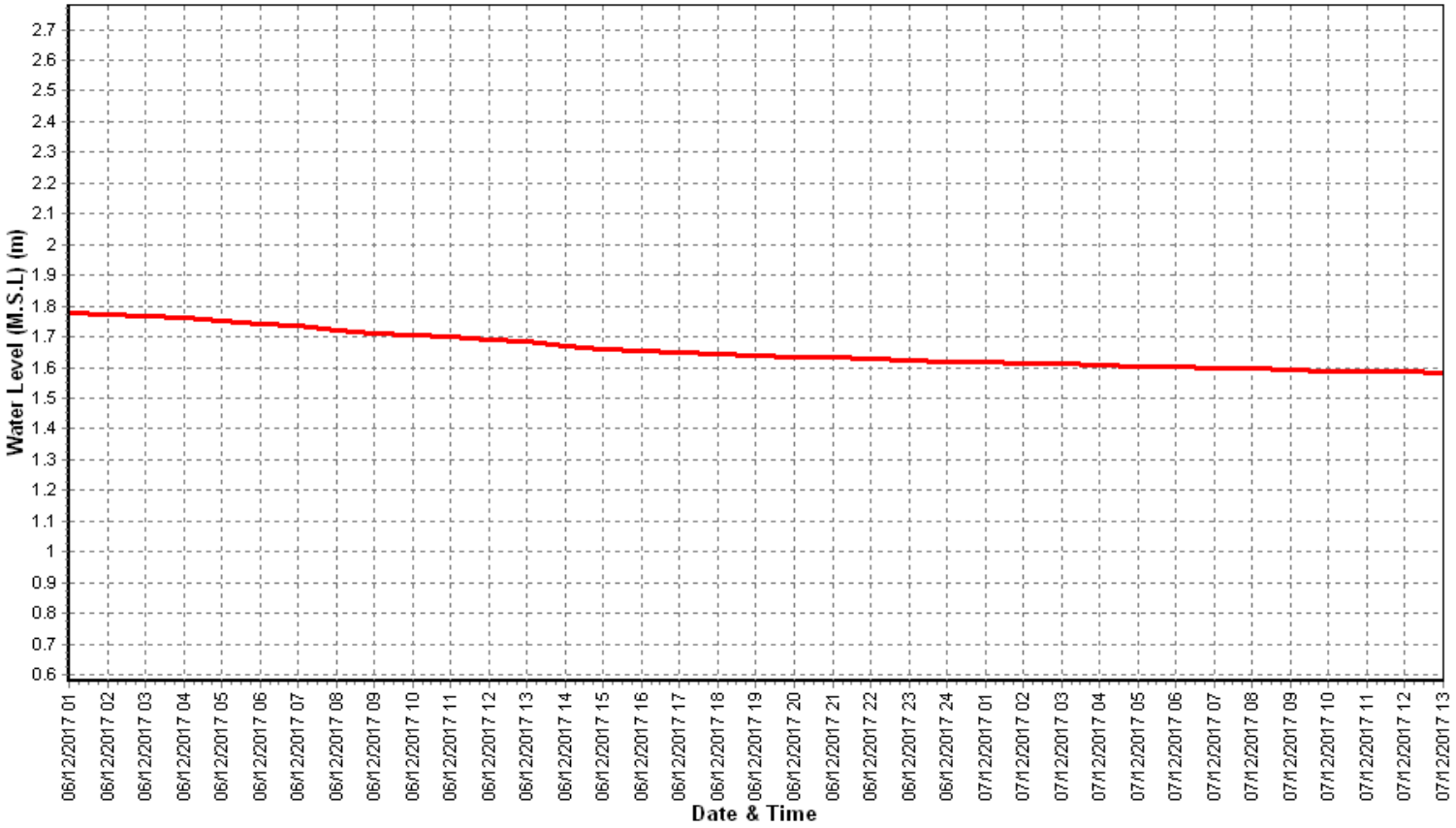


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

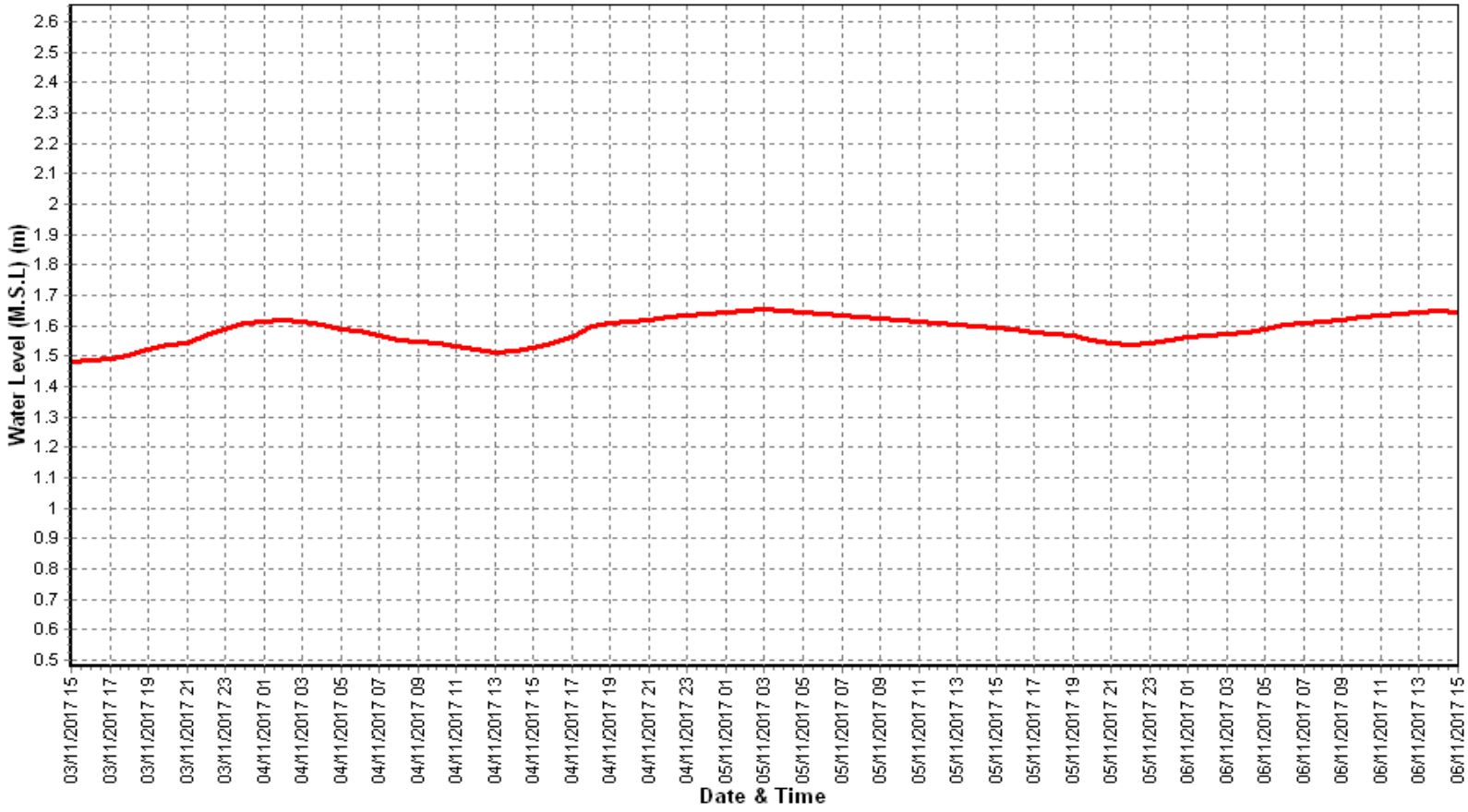


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Gopurajapuram (CCA32D2) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Annavasal**	**Code**	:	**CCA21G5**
State	:	Pondicherry	District		Karaikal
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Nattar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Left
Latitude	:	10°58'30"	Longitude	:	79°45'14"
Zero of Gauge (m)	:	4.250 (m.s.l) 4.000(m.s.l)	21-07-1998 01-12-1998	-	30-11-1998
		Opening Date	Closing Date		
Gauge	:	21-07-1998			
Discharge	:	01-02-1999			
Sediment	:				
Water Quality	:	01-09-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	11.28	5.985	24-11-1999	0.000	Dry Bed	01-06-1999
2000-2001	9.448	5.510	28-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	7.186	5.680	22-12-2001	0.000	Dry Bed	01-06-2001
2002-2003	3.980	5.140	02-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	4.520	5.420	11-11-2003	0.000	Dry Bed	01-06-2003
2004-2005	4.468	5.320	01-11-2004	0.000	Dry Bed	01-06-2004
2005-2006	5.488	5.170	28-10-2005	0.000	Dry Bed	01-06-2005
2006-2007	5.033	5.130	01-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	9.203	5.280	25-10-2007	0.000	Dry Bed	01-06-2007
2008-2009	9.354	5.480	01-12-2008	0.000	Dry Bed	01-06-2008
2009-2010	7.793	5.200	08-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	4.880	5.420	02-12-2010	0.000	Dry Bed	01-06-2010
2011-2012	6.425	5.170	16-10-2011	0.000	Dry Bed	01-06-2011
2012-2013	2.874	4.920	01-11-2012	0.000	Dry Bed	01-06-2012
2013-2014	4.537	5.000	10-09-2013	0.000	Dry Bed	01-06-2013
2014-2015	4.713	5.213	19-12-2014	0.000	Dry Bed	01-06-2014
2015-2016	8.156	5.130	10-11-2015	0.000	Dry Bed	01-06-2015
2016-2017	0.000	Dry Bed	06-04-2017	0.000	Dry Bed	27-06-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000		0.000	4.620	0.000
2		0.000		0.000		0.000		0.000		0.000	4.620	0.000
3		0.000		0.000		0.000		0.000		0.000	4.635	0.000
4		0.000		0.000		0.000		0.000		0.000	4.660	0.110 *
5		0.000		0.000		0.000		0.000		0.000	4.800	1.220 *
6		0.000		0.000		0.000		0.000		0.000	4.780	0.985
7		0.000		0.000		0.000		0.000		0.000	4.740	0.638
8		0.000		0.000		0.000		0.000		0.000	4.725	0.543
9		0.000		0.000		0.000		0.000		0.000	4.690	0.311
10		0.000		0.000		0.000		0.000		0.000	4.670	0.182
11		0.000		0.000		0.000		0.000		0.000	4.660	0.092
12		0.000		0.000		0.000		0.000		0.000	4.650	0.070 *
13		0.000		0.000		0.000		0.000		0.000	4.620	0.000
14		0.000		0.000		0.000		0.000		0.000		0.000
15		0.000		0.000		0.000		0.000		0.000		0.000
16		0.000		0.000		0.000		0.000		0.000		0.000
17		0.000		0.000		0.000		0.000		0.000		0.000
18		0.000		0.000		0.000		0.000		0.000		0.000
19		0.000		0.000		0.000		0.000		0.000		0.000
20		0.000		0.000		0.000		0.000		0.000		0.000
21		0.000		0.000		0.000		0.000		0.000		0.000
22		0.000		0.000		0.000		0.000		0.000		0.000
23		0.000		0.000		0.000		0.000		0.000		0.000
24		0.000		0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000	4.698	0.271		0.000
26		0.000		0.000		0.000		0.000	4.720	0.564		0.000
27		0.000		0.000		0.000		0.000	4.760	0.710		0.000
28		0.000		0.000		0.000		0.000	4.750	0.725 #		0.000
29		0.000		0.000		0.000		0.000	4.710	0.403 *		0.000
30		0.000		0.000		0.000		0.000	4.635	0.000	4.630	0.000
31				0.000		0.000			4.630	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	4.694	0.399
II Ten-Daily		0.000		0.000		0.000		0.000		0.000	4.643	0.016
III Ten-Daily		0.000		0.000		0.000		0.000	4.700	0.243	4.630	0.000
Monthly												
Min.		0.000		0.000		0.000		0.000	4.630	0.000	4.620	0.000
Max.		0.000		0.000		0.000		0.000	4.760	0.725	4.800	1.220
Mean		0		0		0		0	4.700	0.086	4.679	0.138

Annual Runoff in MCM = 1 Annual Runoff in mm =

Peak Observed Discharge = 0.985 cumecs on 06/11/2017 Corres. Water Level :4.78 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	4.635	0.000		0.000		0.000		0.000		0.000		0.000
2	4.670	0.149 *		0.000		0.000		0.000		0.000		0.000
3	4.760	0.952 *	4.720	0.536		0.000		0.000		0.000		0.000
4	4.750	0.744	4.675	0.189		0.000		0.000		0.000		0.000
5	4.700	0.394	4.635	0.000		0.000		0.000		0.000		0.000
6	4.680	0.201	4.605	0.000		0.000		0.000		0.000		0.000
7	4.660	0.090		0.000		0.000		0.000		0.000		0.000
8	4.635	0.000		0.000		0.000		0.000		0.000		0.000
9	4.620	0.000		0.000		0.000		0.000		0.000		0.000
10		0.000		0.000		0.000		0.000		0.000		0.000
11		0.000		0.000		0.000		0.000		0.000		0.000
12		0.000		0.000		0.000		0.000		0.000		0.000
13		0.000		0.000		0.000		0.000		0.000		0.000
14		0.000		0.000		0.000		0.000		0.000		0.000
15		0.000		0.000		0.000		0.000		0.000		0.000
16		0.000		0.000		0.000		0.000		0.000		0.000
17		0.000		0.000		0.000		0.000		0.000		0.000
18		0.000		0.000		0.000		0.000		0.000		0.000
19		0.000		0.000		0.000		0.000		0.000		0.000
20		0.000		0.000		0.000		0.000		0.000		0.000
21		0.000		0.000		0.000		0.000		0.000		0.000
22		0.000		0.000		0.000		0.000		0.000		0.000
23		0.000		0.000		0.000		0.000		0.000		0.000
24		0.000		0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000		0.000		0.000
26		0.000		0.000		0.000		0.000		0.000		0.000
27		0.000		0.000		0.000		0.000		0.000		0.000
28		0.000		0.000		0.000		0.000		0.000		0.000
29		0.000		0.000				0.000		0.000		0.000
30		0.000		0.000				0.000		0.000		0.000
31		0.000		0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	4.679	0.253	4.659	0.073		0.000		0.000		0.000		0.000
II Ten-Daily		0.000		0.000		0.000		0.000		0.000		0.000
III Ten-Daily		0.000		0.000		0.000		0.000		0.000		0.000
Monthly												
Min.	4.620	0.000	4.605	0.000		0.000		0.000		0.000		0.000
Max.	4.760	0.952	4.720	0.536		0.000		0.000		0.000		0.000
Mean	4.679	0.082	4.659	0.023		0		0		0		0

Peak Computed Discharge = 1.220 cumecs on 05/11/2017 Corres. Water Level :4.8 m

Lowest Computed Discharge = 0.070 cumecs on 12/11/2017 Corres. Water Level :4.65 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

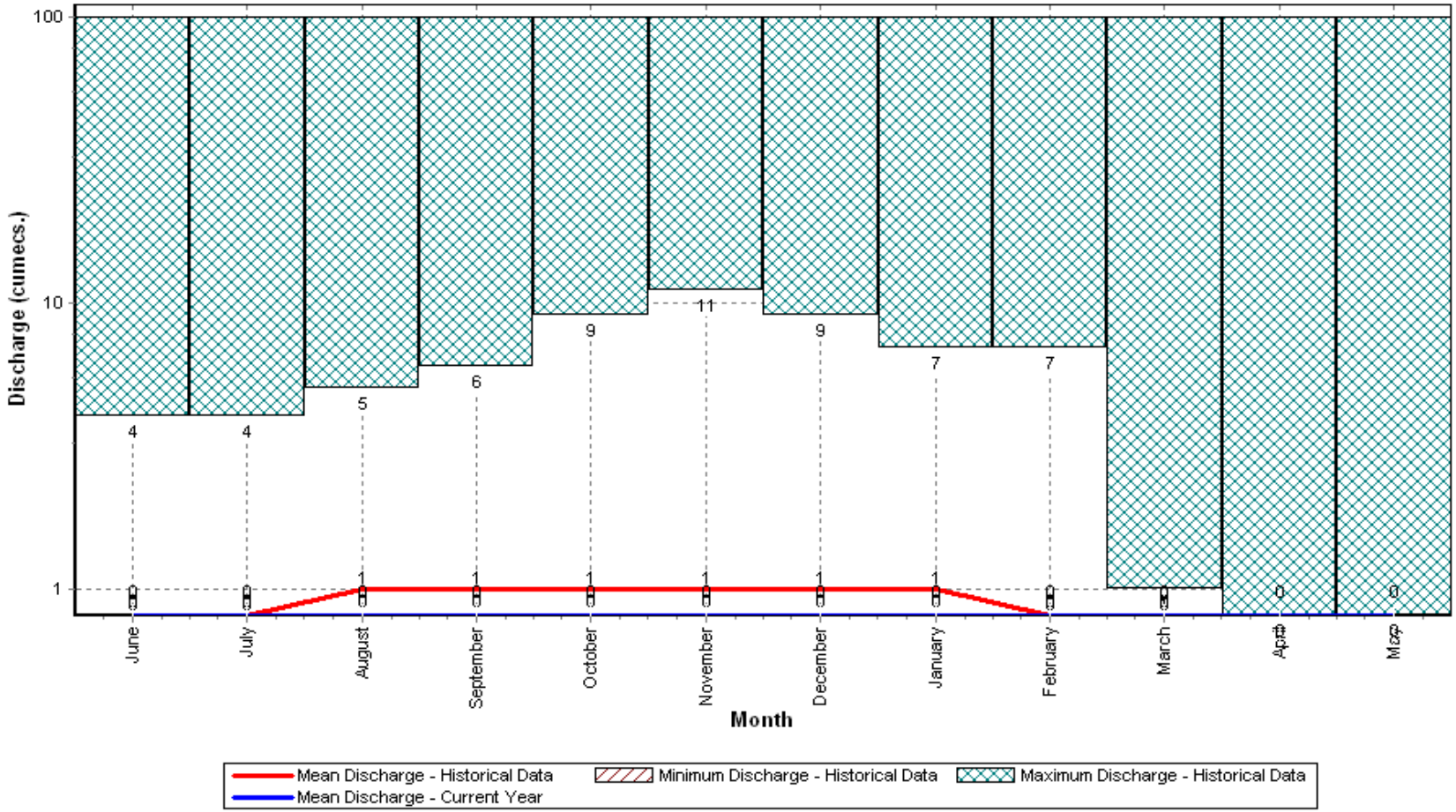
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Annavasal (CCA21G5) | **Data considered : 1999-2018** | **Division : Hydrology Division, Chennai**

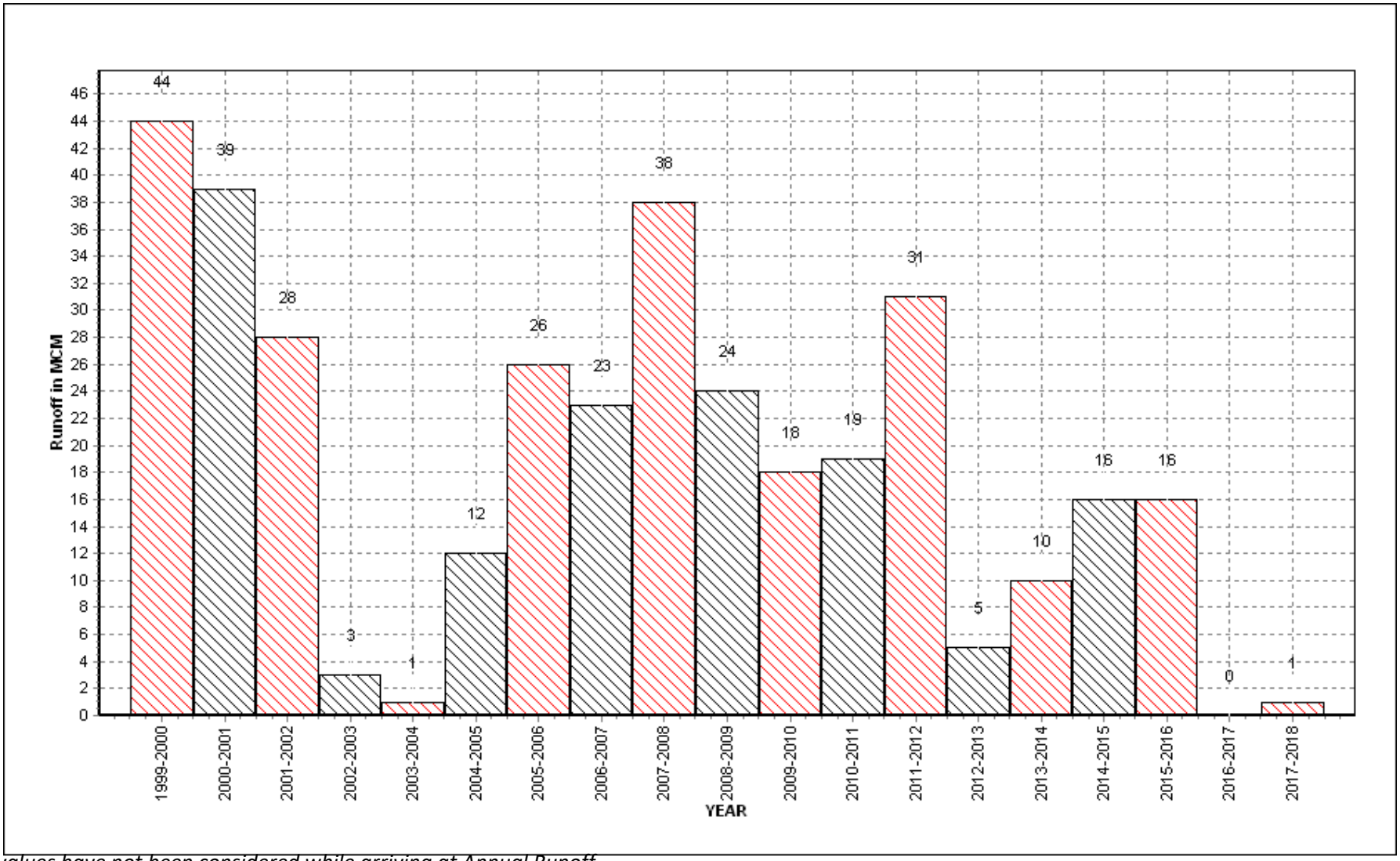
Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**

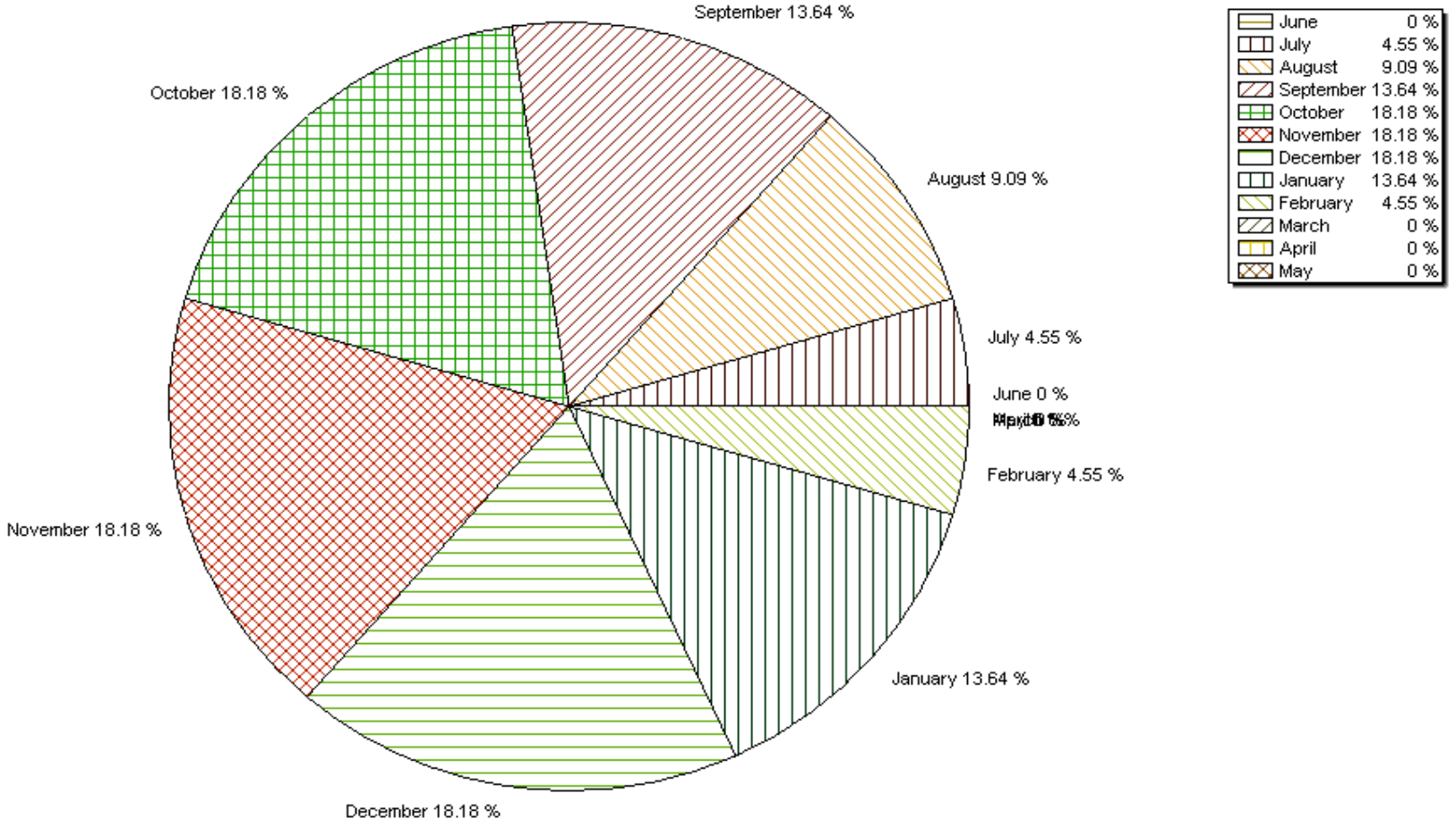


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2017

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**



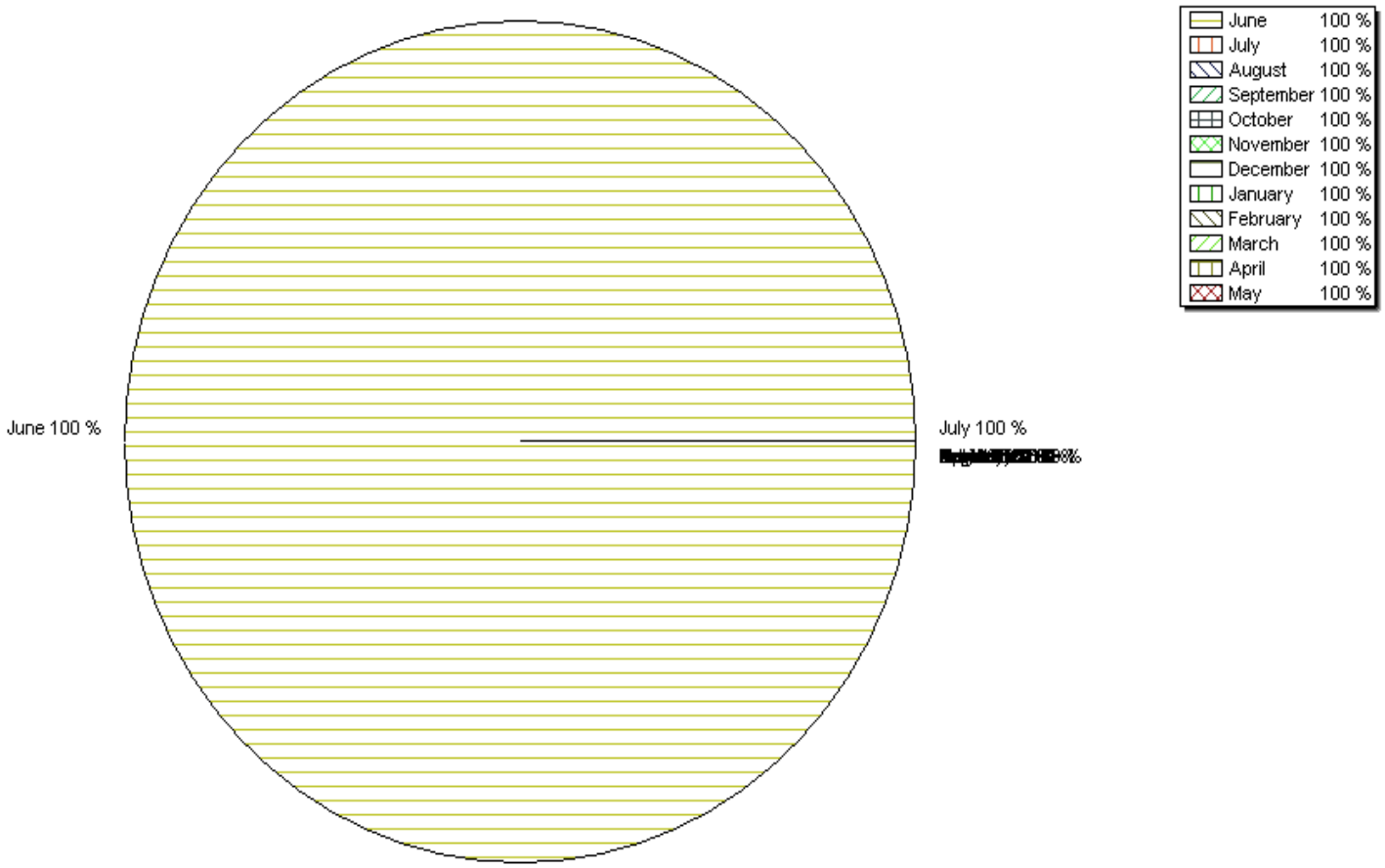
Monthly Runoff for the Year : 2017-2018

Station Name : Annavasal (CCA21G5)

Division : Hydrology Division, Chennai

Local River : Cauvery

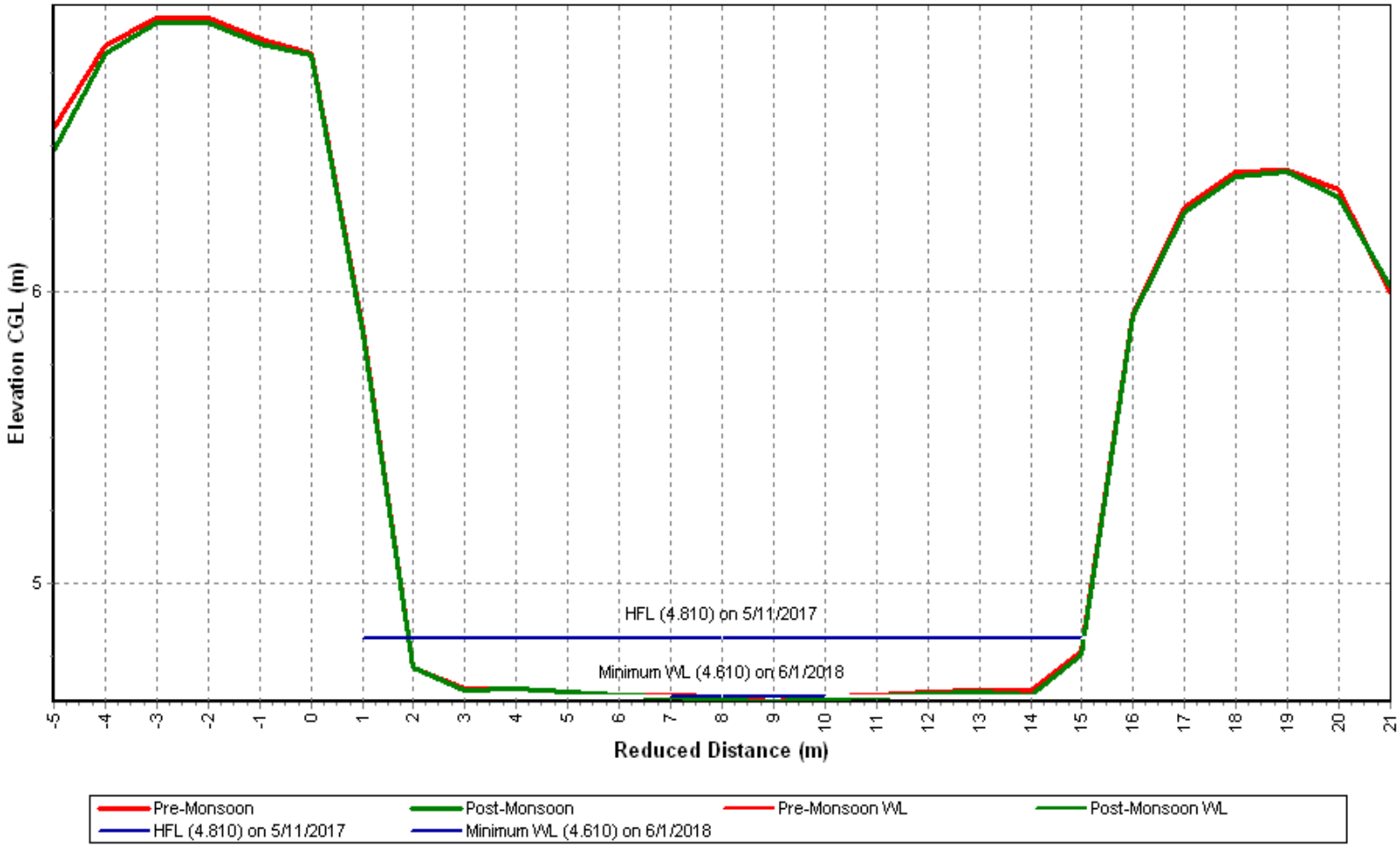
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

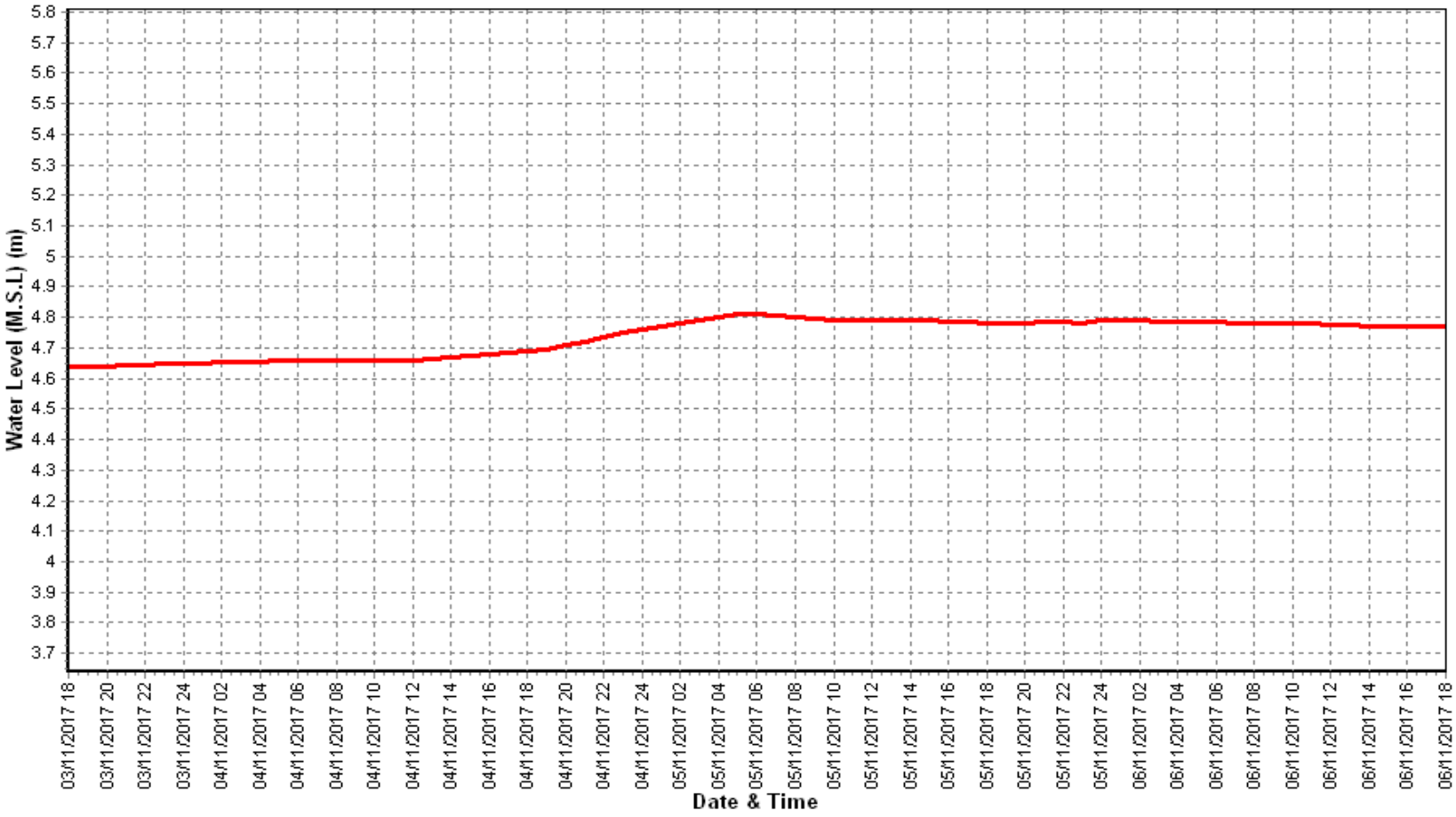
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**

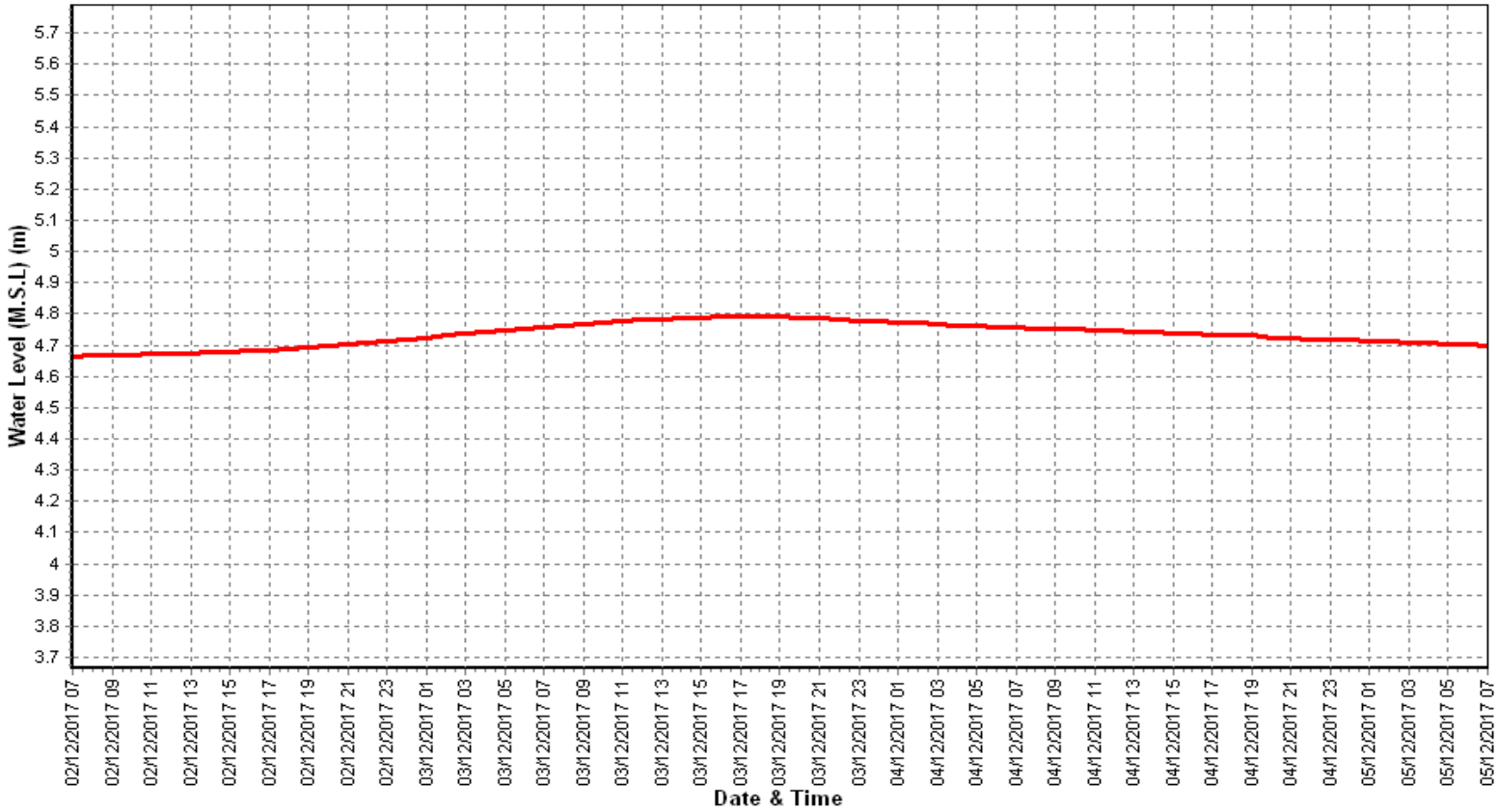


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**

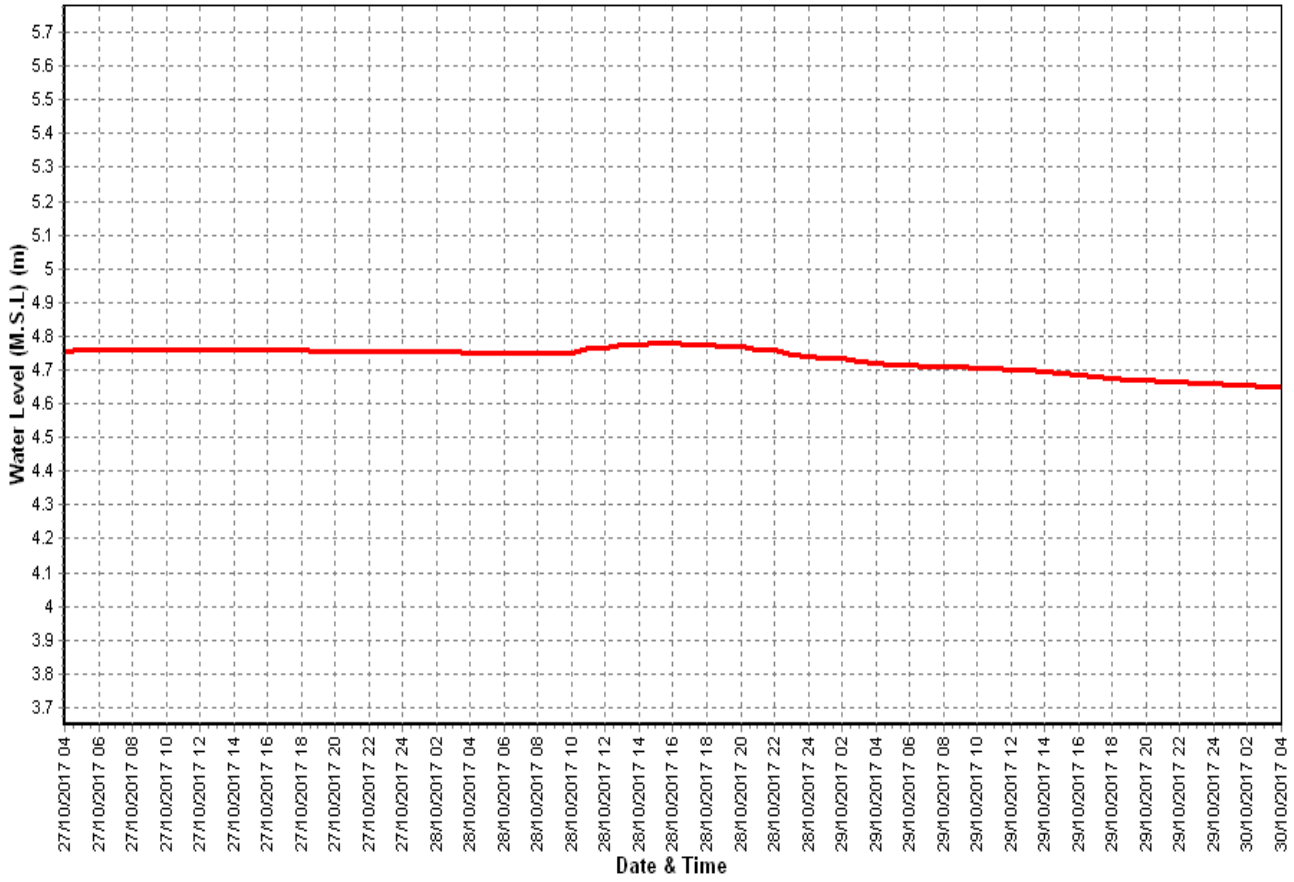


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Annavasal (CCA21G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Nallathur**	**Code**	:	**CCA12G3**
State	:	Pondicherry	District		Karaikal
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Nandalar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Right
Latitude	:	11°00'08"	Longitude	:	79°45'01"
Zero of Gauge (m)	:	0 000 (m.s.l)	01-06-2006		
		Opening Date	Closing Date		
Gauge	:	01-06-2006			
Discharge	:	01-06-2006			
Sediment	:				
Water Quality	:	01-09-2008			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2006-2007	47.74	4.590	29-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	69.41	4.755	20-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	92.33	5.665	28-11-2008	0.000	1.870	01-06-2008
2009-2010	48.13	4.860	17-12-2009	0.000	1.680	01-06-2009
2010-2011	50.56	4.810	29-11-2010	0.000	1.540	01-06-2010
2011-2012	57.37	3.725	01-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	50.67	4.545	01-11-2012	0.000	Dry Bed	01-06-2012
2013-2014	43.82	3.810	07-11-2013	0.000	Dry Bed	01-06-2013
2014-2015	87.15	4.970	22-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	56.36	4.445	23-11-2015	0.000	2.110	07-06-2015
2016-2017	15.67	3.130	28-01-2017	0.000	Dry Bed	01-07-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov		
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	
1		0.000		0.000		0.000		0.000		0.000		0.000	
2		0.000		0.000		0.000		0.000		0.000	3.390	19.85	
3		0.000		0.000		0.000		0.000		0.000	3.715	28.92	
4		0.000		0.000		0.000		0.000		0.000	3.830	32.58	*
5		0.000		0.000		0.000		0.000		0.000	4.050	39.87	*
6		0.000		0.000		0.000		0.000		0.000	4.260	45.91	
7		0.000		0.000		0.000		0.000		0.000	4.060	40.68	
8		0.000		0.000		0.000		0.000		0.000	3.735	30.87	
9		0.000		0.000		0.000		0.000		0.000	3.250	17.91	
10		0.000		0.000		0.000		0.000		0.000	3.273	18.21	
11		0.000		0.000		0.000		0.000		0.000	2.835	9.473	
12		0.000		0.000		0.000		0.000		0.000	2.800	9.195	*
13		0.000		0.000		0.000		0.000		0.000	2.920	11.08	#
14		0.000		0.000		0.000		0.000		0.000	2.840	0.000	
15		0.000		0.000		0.000		0.000		0.000	2.830	0.000	
16		0.000		0.000		0.000		0.000		0.000	2.830	0.000	
17		0.000		0.000		0.000		0.000		0.000	2.820	0.000	
18		0.000		0.000		0.000		0.000		0.000	2.680	0.000	
19		0.000		0.000		0.000		0.000		0.000	2.500	0.000	
20		0.000		0.000		0.000		0.000		0.000	2.420	0.000	
21		0.000		0.000		0.000		0.000		0.000	2.340	0.000	
22		0.000		0.000		0.000		0.000		0.000	2.290	0.000	
23		0.000		0.000		0.000		0.000		0.000	2.270	0.000	
24		0.000		0.000		0.000		0.000		0.000	2.260	0.000	
25		0.000		0.000		0.000		0.000		0.000	2.250	0.000	
26		0.000		0.000		0.000		0.000		0.000	2.230	0.000	
27		0.000		0.000		0.000		0.000		0.000	2.230	0.000	
28		0.000		0.000		0.000		0.000		0.000	2.240	0.000	
29		0.000		0.000		0.000		0.000		0.000	2.270	0.000	
30		0.000		0.000		0.000		0.000		0.000	2.300	0.000	
31				0.000		0.000				0.000			
Ten-Daily Mean													
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	3.729	27.48	
II Ten-Daily		0.000		0.000		0.000		0.000		0.000	2.747	2.975	
III Ten-Daily		0.000		0.000		0.000		0.000		0.000	2.268	0.000	
Monthly													
Min.		0.000		0.000		0.000		0.000		0.000	2.230	0.000	
Max.		0.000		0.000		0.000		0.000		0.000	4.260	45.91	
Mean		0		0		0		0		0	2.887	10.15	

Annual Runoff in MCM = 39 **Annual Runoff in mm =**

Peak Observed Discharge = 45.91 cumecs on 06/11/2017 **Corres. Water Level :4.26 m**

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	3.040	11.54	2.215	0.000	2.105	0.000	1.920	0.000		0.000		0.000
2	3.350	18.45 *	2.215	0.000	2.105	0.000	1.900	0.000		0.000		0.000
3	4.240	47.13 *	2.215	0.000	2.105	0.000	1.880	0.000		0.000		0.000
4	4.030	39.31	2.180	0.000	2.110	0.000	1.870	0.000		0.000		0.000
5	3.005	10.53	2.170	0.000	2.110	0.000	1.850	0.000		0.000		0.000
6	3.145	13.34	2.160	0.000	2.100	0.000	1.820	0.000		0.000		0.000
7	3.140	0.000	2.160	0.000	2.100	0.000	1.780	0.000		0.000		0.000
8	3.030	0.000	2.170	0.000	2.100	0.000		0.000		0.000		0.000
9	2.800	0.000	2.160	0.000	2.100	0.000		0.000		0.000		0.000
10	2.685	0.000	2.280	0.000	2.105	0.000		0.000		0.000		0.000
11	2.680	0.000	2.470	2.375	2.110	0.000		0.000		0.000		0.000
12	2.650	0.000	3.200	0.000	2.110	0.000		0.000		0.000		0.000
13	2.550	0.000	3.210	0.000	2.110	0.000		0.000		0.000		0.000
14	2.440	0.000	3.150	0.000	2.120	0.000		0.000		0.000		0.000
15	2.350	0.000	3.065	0.000	2.115	0.000		0.000		0.000		0.000
16	2.310	0.000	2.930	0.000	2.110	0.000		0.000		0.000		0.000
17	2.290	0.000	2.860	0.000	2.100	0.000		0.000		0.000		0.000
18	2.275	0.000	2.780	0.000	2.095	0.000		0.000		0.000		0.000
19	2.255	0.000	2.710	0.000	2.080	0.000		0.000		0.000		0.000
20	2.240	0.000	2.640	0.000	2.030	0.000		0.000		0.000		0.000
21	2.220	0.000	2.530	0.000	2.025	0.000		0.000		0.000		0.000
22	2.220	0.000	2.410	0.000	2.020	0.000		0.000		0.000		0.000
23	2.225	0.000	2.340	0.000	2.015	0.000		0.000		0.000		0.000
24	2.220	0.000	2.300	0.000	2.010	0.000		0.000		0.000		0.000
25	2.225	0.000	2.260	0.000	2.000	0.000		0.000		0.000		0.000
26	2.225	0.000	2.130	0.000	2.005	0.000		0.000		0.000		0.000
27	2.220	0.000	2.120	0.000	2.010	0.000		0.000		0.000		0.000
28	2.220	0.000	2.110	0.000	2.000	0.000		0.000		0.000		0.000
29	2.220	0.000	2.110	0.000				0.000		0.000		0.000
30	2.220	0.000	2.100	0.000				0.000		0.000		0.000
31	2.220	0.000	2.100	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	3.247	14.03	2.193	0.000	2.104	0.000	1.860	0.000		0.000		0.000
II Ten-Daily	2.404	0.000	2.902	0.237	2.098	0.000		0.000		0.000		0.000
III Ten-Daily	2.221	0.000	2.228	0.000	2.011	0.000		0.000		0.000		0.000
Monthly												
Min.	2.220	0.000	2.100	0.000	2.000	0.000	1.780	0.000		0.000		0.000
Max.	4.240	47.13	3.210	2.375	2.120	0.000	1.920	0.000		0.000		0.000
Mean	2.611	4.526	2.434	0.077	2.075	0	1.860	0		0		0

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

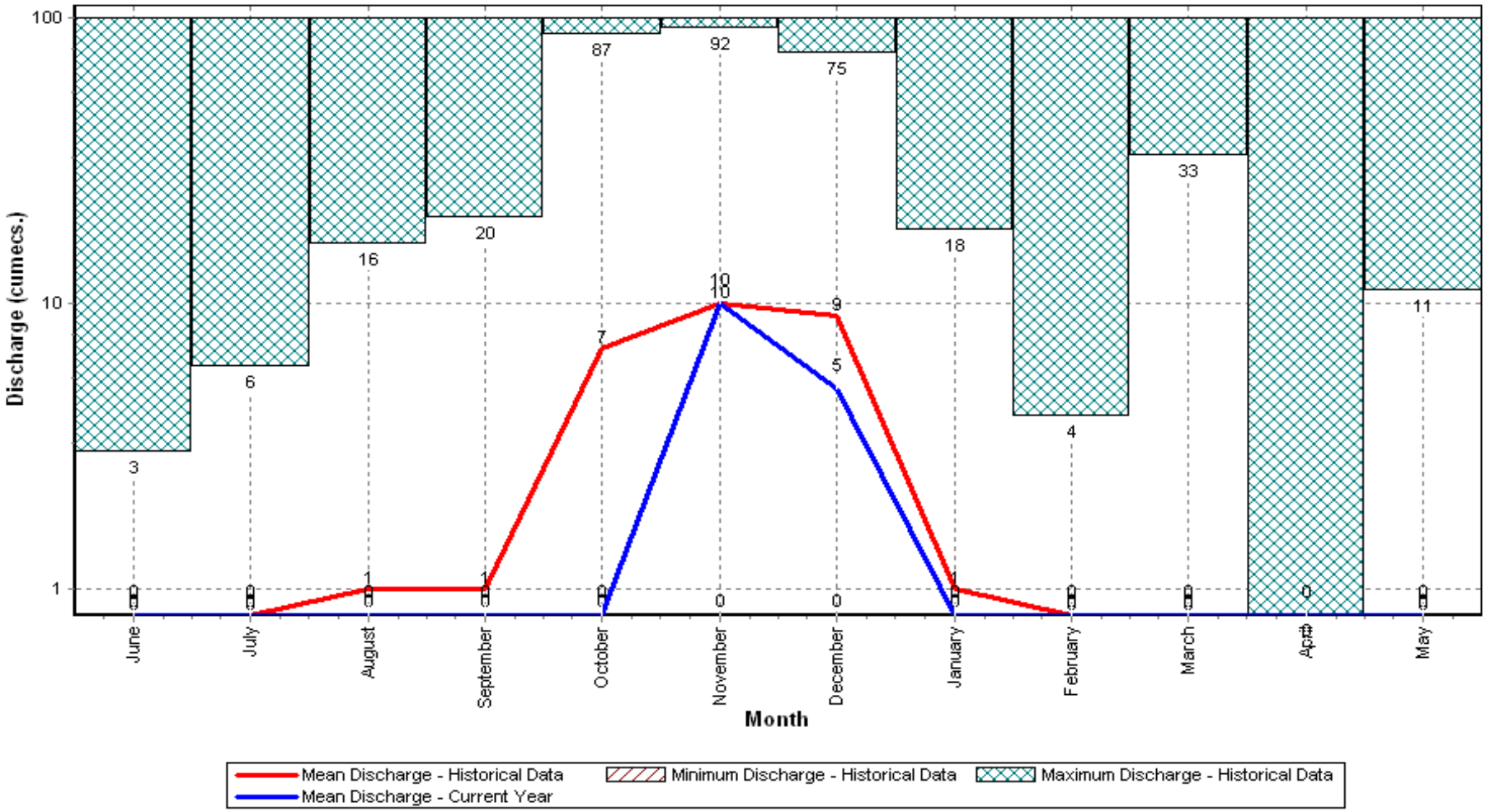
Peak Computed Discharge = 47.13 cumecs on 03/12/2017 **Corres. Water Level :4.24 m**

Lowest Computed Discharge = 9.195 cumecs on 12/11/2017 **Corres. Water Level :2.8 m**

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Nallathur (CCA12G3) | **Data considered : 2006-2018** | **Division : Hydrology Division, Chennai**

Local River : Nandalar | **Sub-Division : Cauvery Delta SD, Karaikkal**



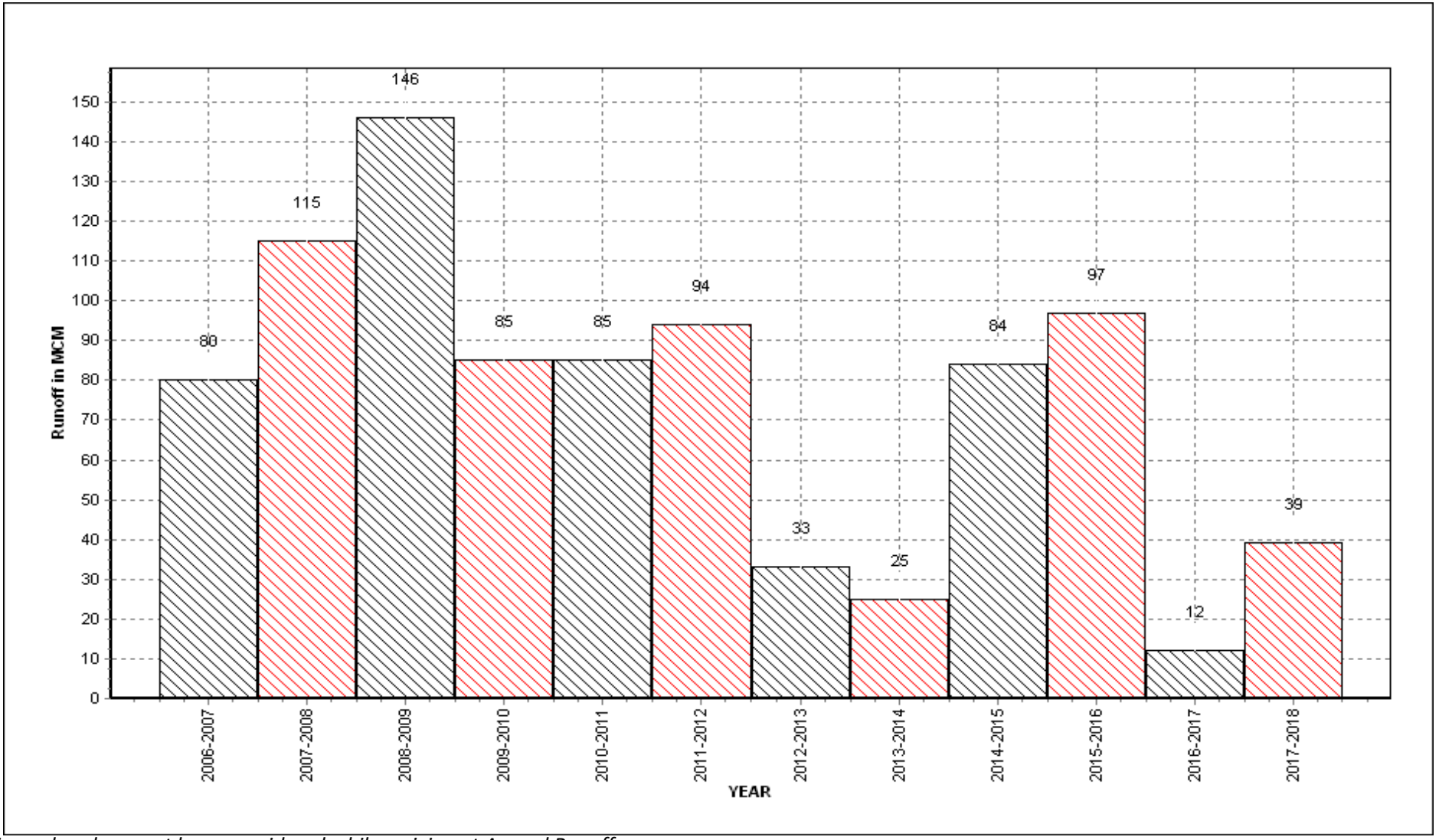
Annual Runoff Values for the period: 2006 - 2018

Station Name : Nallathur (CCA12G3)

Division : Hydrology Division, Chennai

Local River : Nandalar

Sub-Division : Cauvery Delta SD, Karaikkal



Note: Missing values have not been considered while arriving at Annual Runoff

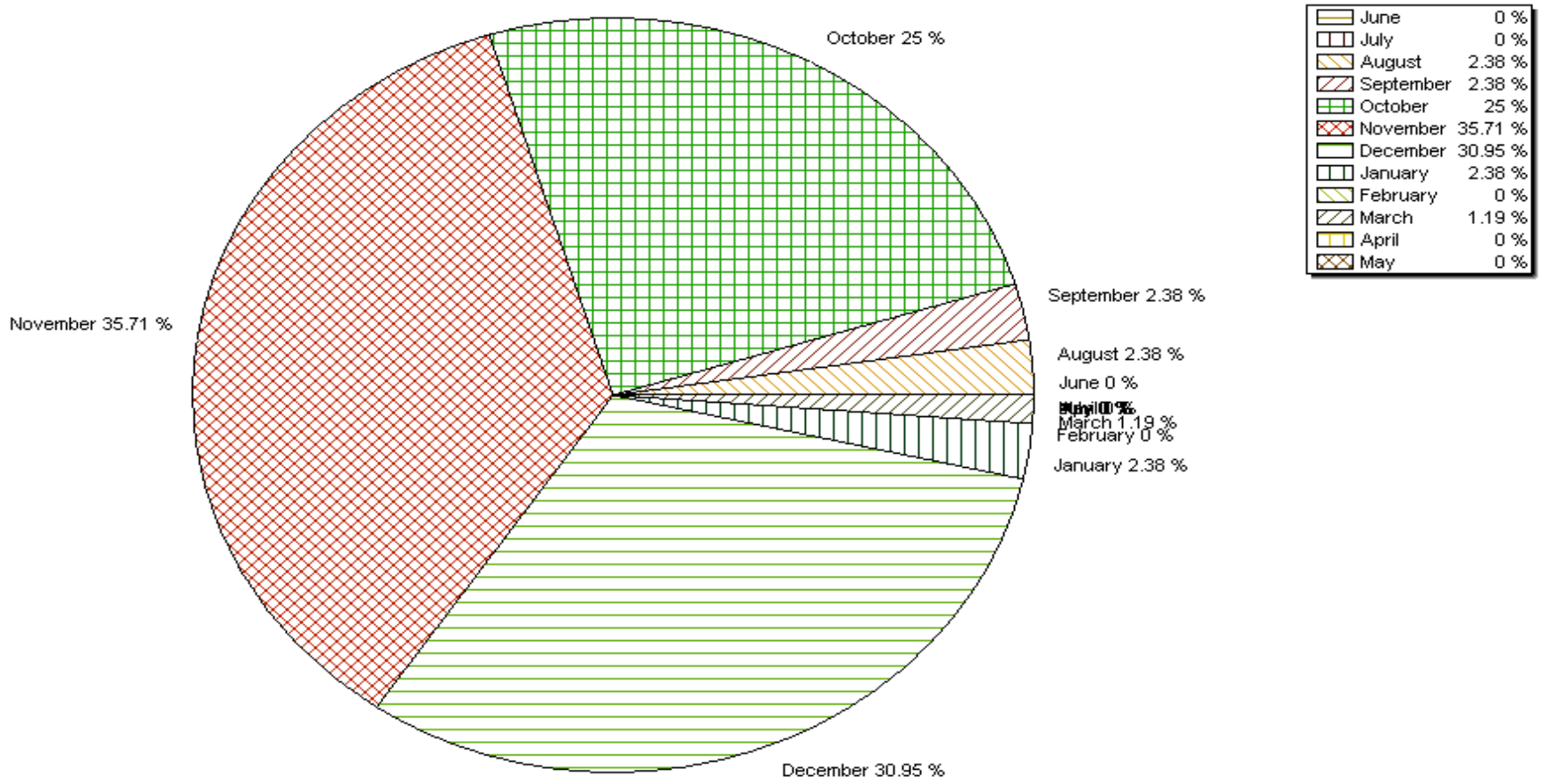
Monthly Average Runoff based on period : 2006-2017

Station Name : Nallathur (CCA12G3)

Local River : Nandalar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikkal



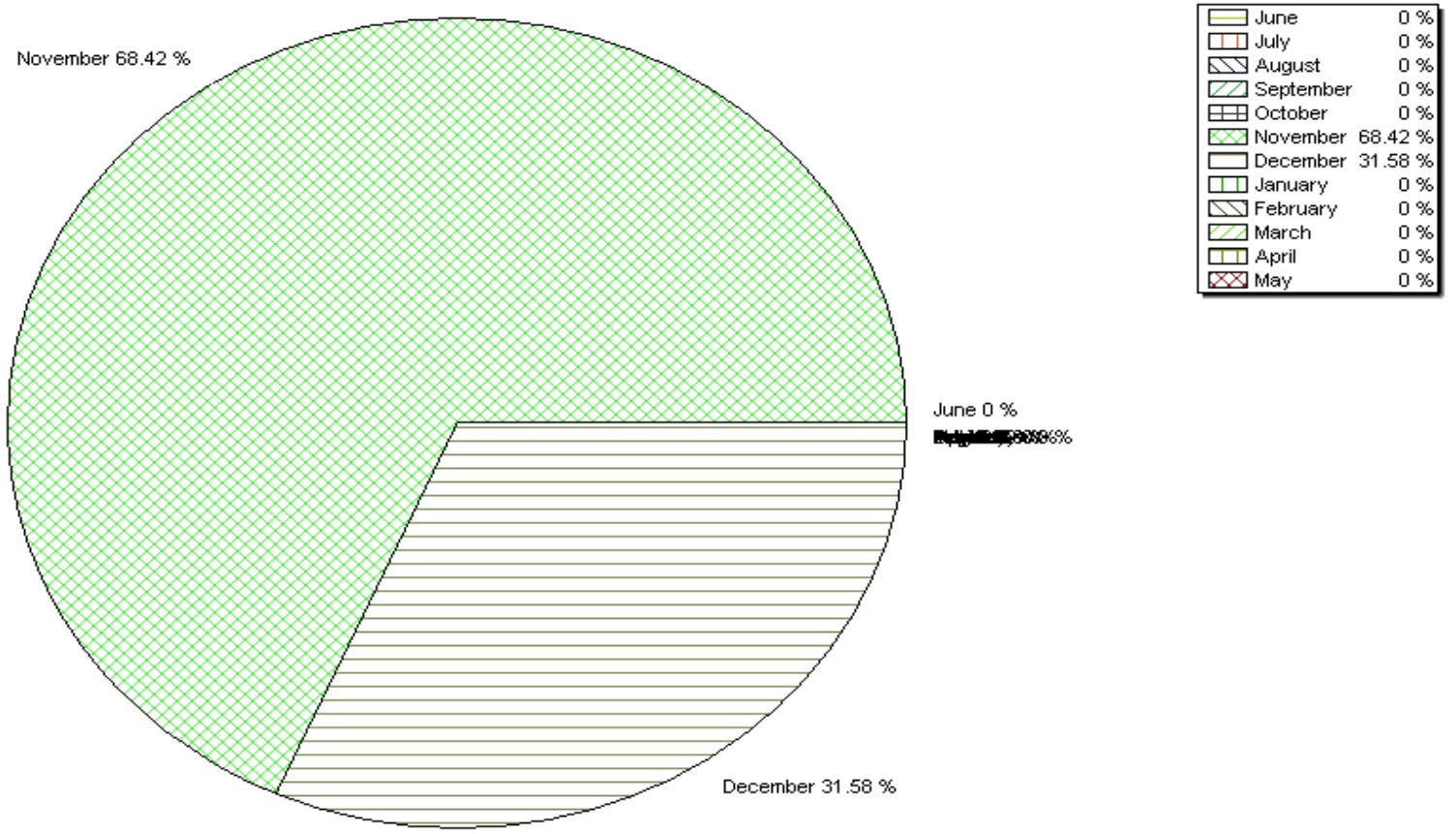
Monthly Runoff for the Year : 2017-2018

Station Name : Nallathur (CCA12G3)

Division : Hydrology Division, Chennai

Local River : Nandalar

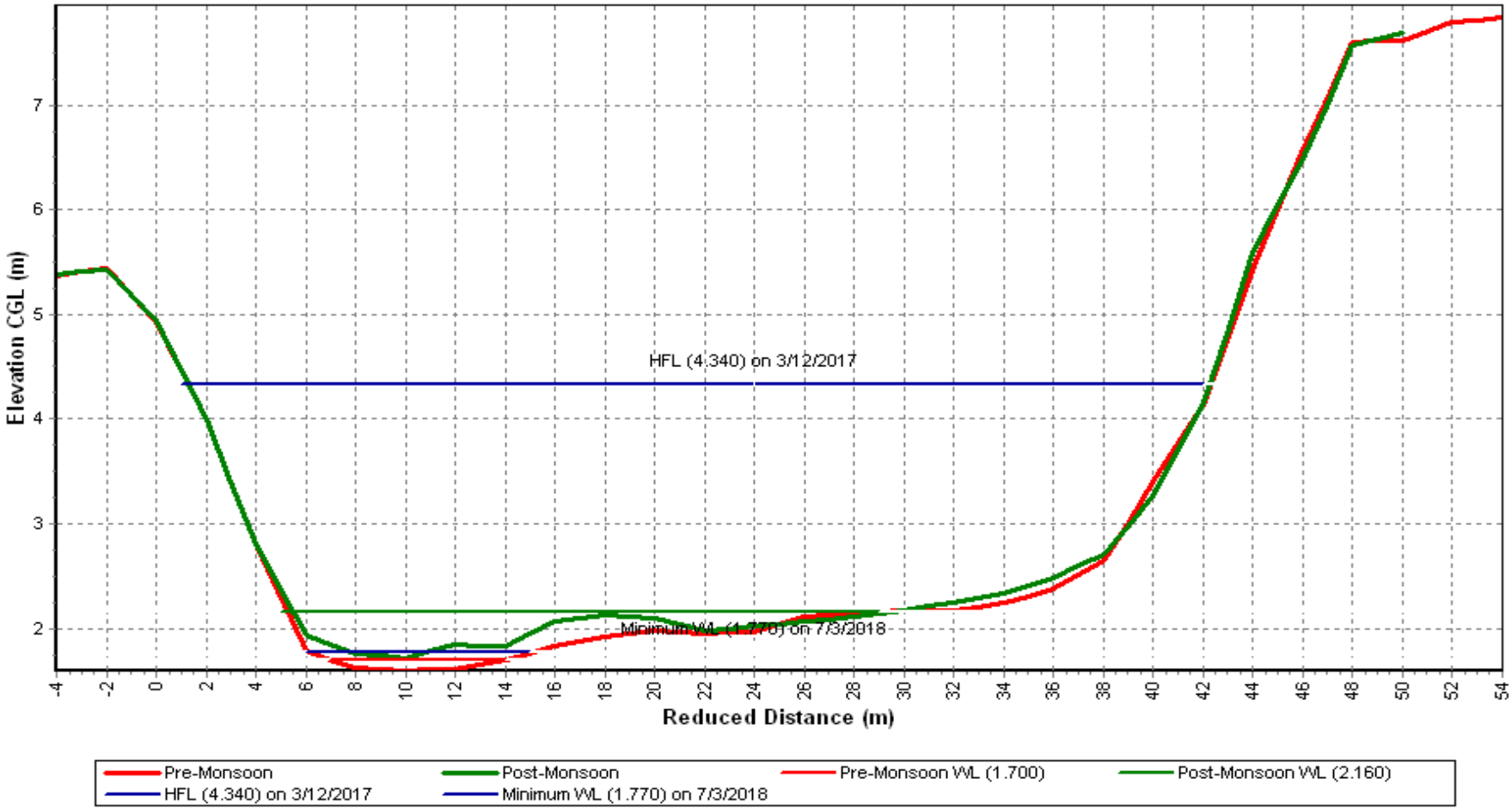
Sub-Division : Cauvery Delta SD, Karaikkal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

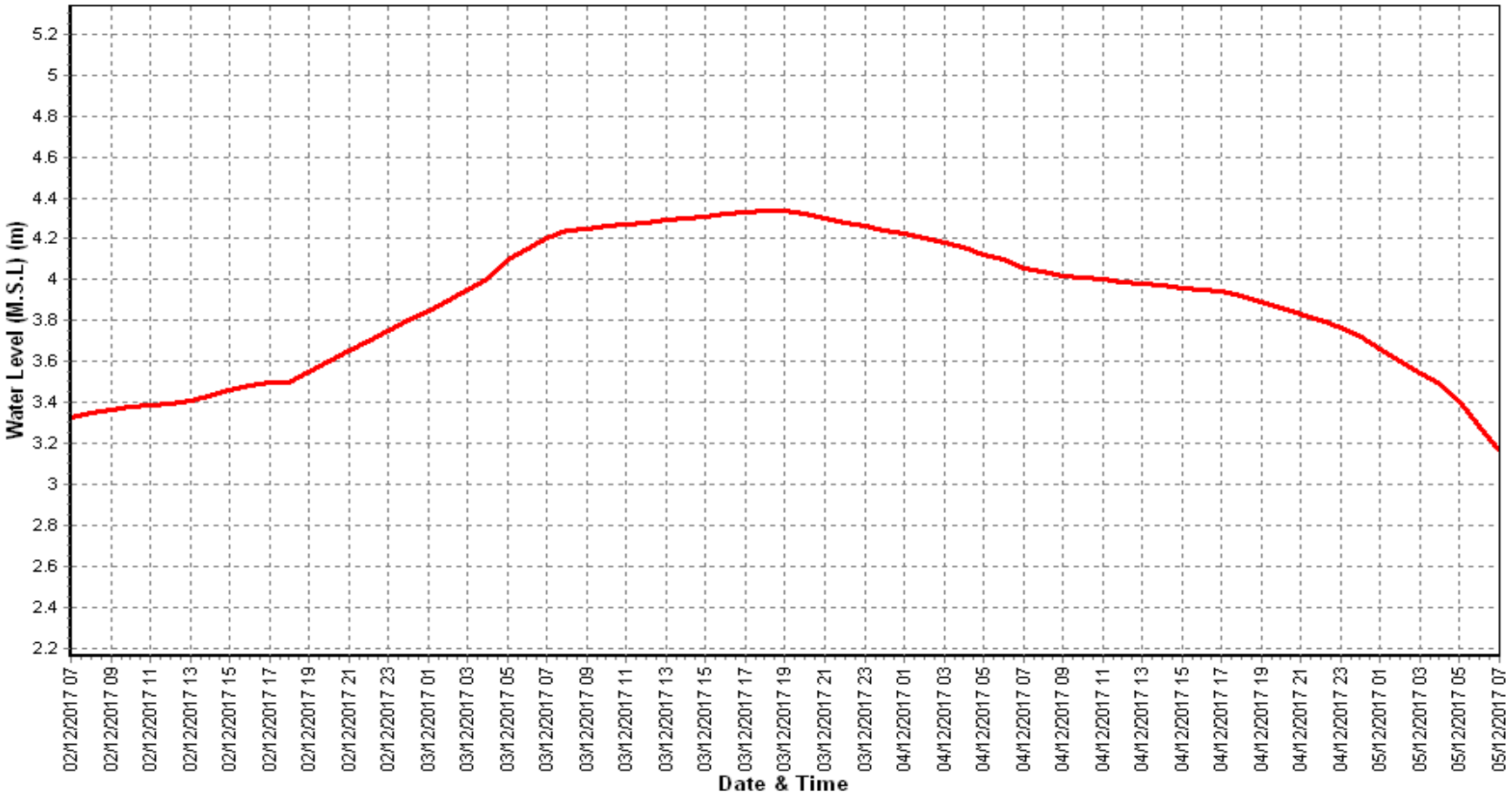
Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**

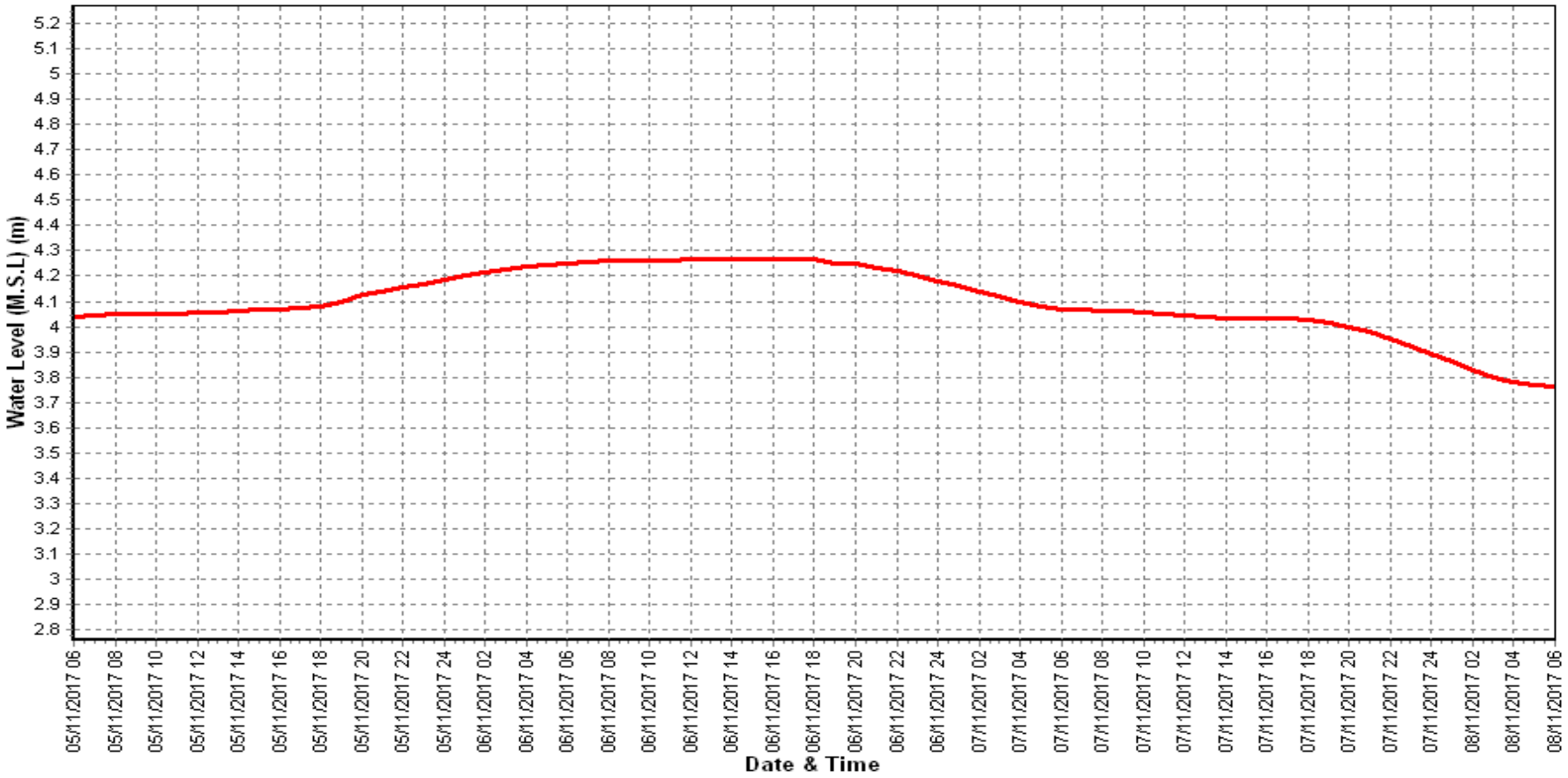


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**

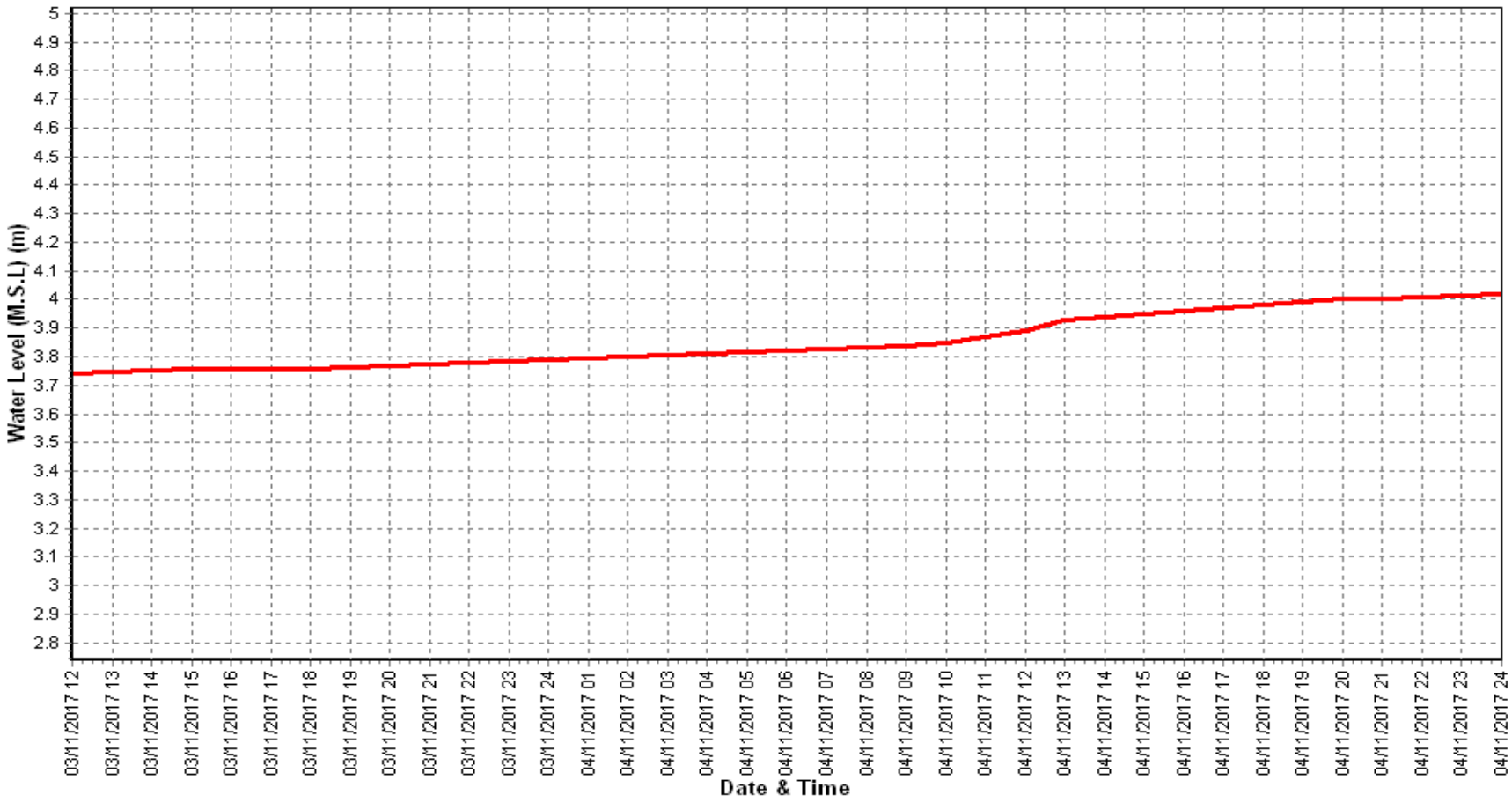


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Nallathur (CCA12G3) **Division : Hydrology Division, Chennai**

Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Menangudi**	**Code**	:	**CCA23N4**
State	:	Tamil Nadu	District		Tiruvarur
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Noolar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Left
Latitude	:	10°56'56"	Longitude	:	79°42'14"
Zero of Gauge (m)	:	4.280 (m.s.l) 4.000 (m.s.l)	08-08-1996 01-03-1997	-	28-02-1997
		Opening Date	Closing Date		
Gauge	:	08-08-1996			
Discharge	:	21-08-1996			
Sediment	:				
Water Quality	:	01-09-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1997-1998	17.59	7.940	10-11-1997	0.000	Dry Bed	01-06-1997
1998-1999	18.03	6.990	22-08-1998	0.000	Dry Bed	01-06-1998
1999-2000	DATA NOT PUBLISHED					
2000-2001	DATA NOT PUBLISHED					
2001-2002	DATA NOT PUBLISHED					
2002-2003	DATA NOT PUBLISHED					
2003-2004	DATA NOT PUBLISHED					
2004-2005	6.220	6.750	14-12-2004	0.000	Dry Bed	01-06-2004
2005-2006	10.17	6.990	28-12-2005	0.000	Dry Bed	01-06-2005
2006-2007	16.16	7.280	11-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	13.88	7.150	20-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	26.24	7.760	27-11-2008	0.000	Dry Bed	01-06-2008
2009-2010	26.51	7.060	08-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	18.79	7.070	31-10-2010	0.000	Dry Bed	01-06-2010
2012-2013	43.98	6.960	18-10-2012	0.000	Dry Bed	01-06-2012
2013-2014	15.33	6.950	09-09-2013	0.000	Dry Bed	01-06-2013
2014-2015	25.20	7.125	21-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	12.89	6.780	03-12-2015	0.000	Dry Bed	01-06-2015

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2016-2017	2.230	6.135	22-10-2016	0.000	Dry Bed	25-07-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000		0.000	6.620	3.607
2		0.000		0.000		0.000		0.000		0.000	6.520	2.879 #
3		0.000		0.000		0.000		0.000		0.000	6.690	3.937 #
4		0.000		0.000		0.000		0.000		0.000	6.780	4.549 *
5		0.000		0.000		0.000		0.000		0.000	6.880	5.270 *
6		0.000		0.000		0.000		0.000		0.000	6.865	5.160 #
7		0.000		0.000		0.000		0.000		0.000	6.888	4.644
8		0.000		0.000		0.000		0.000		0.000	6.750	5.089
9		0.000		0.000		0.000		0.000		0.000	6.575	3.257
10		0.000		0.000		0.000		0.000		0.000	6.425	2.665
11		0.000		0.000		0.000		0.000		0.000	6.470	2.593 #
12		0.000		0.000		0.000		0.000		0.000	6.425	2.346 *
13		0.000		0.000		0.000		0.000		0.000	6.338	1.494
14		0.000		0.000		0.000		0.000	5.725	0.000	5.725	0.000
15		0.000		0.000		0.000		0.000	6.290	0.000	6.145	1.042 #
16		0.000		0.000		0.000		0.000	6.275	0.000	6.005	0.578
17		0.000		0.000		0.000		0.000	5.825	0.000	5.710	0.000
18		0.000		0.000		0.000		0.000	5.795	0.000	5.580	0.000
19		0.000		0.000		0.000		0.000	5.825	0.000	5.460	0.000
20		0.000		0.000		0.000		0.000	5.440	0.000	5.410	0.000
21		0.000		0.000		0.000		0.000		0.000	5.440	0.000
22		0.000		0.000		0.000		0.000		0.000	5.430	0.000
23		0.000		0.000		0.000		0.000		0.000	5.400	0.000
24		0.000		0.000		0.000		0.000		0.000	5.365	0.000
25		0.000		0.000		0.000		0.000	5.795	0.000	5.320	0.000
26		0.000		0.000		0.000		0.000	5.755	0.000	5.250	0.000
27		0.000		0.000		0.000		0.000	6.165	1.121 #	5.350	0.000
28		0.000		0.000		0.000		0.000	6.310	1.761 #	5.515	0.000
29		0.000		0.000		0.000		0.000	5.670	0.000	5.690	0.000
30		0.000		0.000		0.000		0.000	5.560	0.000	5.880	0.000
31				0.000		0.000			5.990	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	6.699	4.106
II Ten-Daily		0.000		0.000		0.000		0.000	5.882	0.000	5.927	0.805
III Ten-Daily		0.000		0.000		0.000		0.000	5.892	0.262	5.464	0.000
Monthly												
Min.		0.000		0.000		0.000		0.000	5.440	0.000	5.250	0.000
Max.		0.000		0.000		0.000		0.000	6.310	1.761	6.887	5.270
Mean		0		0		0		0	5.887	0.093	6.030	1.637

Annual Runoff in MCM = 9 Annual Runoff in mm =

Peak Observed Discharge = 7.406 cumecs on 04/12/2017 Corres. Water Level :6.77 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	6.700	7.145	5.680	0.000		0.000		0.000		0.000		0.000
2	6.900	10.82 *	5.690	0.000		0.000		0.000		0.000		0.000
3	6.990	13.11 *	5.760	0.000		0.000		0.000		0.000		0.000
4	6.770	7.406	5.775	0.000		0.000		0.000		0.000		0.000
5	6.640	5.437 #	5.565	0.000		0.000		0.000		0.000		0.000
6	6.490	3.065	5.555	0.000		0.000		0.000		0.000		0.000
7	5.930	0.000	5.375	0.000		0.000		0.000		0.000		0.000
8	6.240	0.755	5.315	0.000		0.000		0.000		0.000		0.000
9	5.830	0.000	5.220	0.000		0.000		0.000		0.000		0.000
10	5.720	0.000	5.320	0.000		0.000		0.000		0.000		0.000
11	5.510	0.000	5.370	0.000		0.000		0.000		0.000		0.000
12	5.425	0.000	5.525	0.000		0.000		0.000		0.000		0.000
13	5.415	0.000	5.520	0.000		0.000		0.000		0.000		0.000
14	5.460	0.000	5.695	0.000		0.000		0.000		0.000		0.000
15	5.450	0.000	5.700	0.000		0.000		0.000		0.000		0.000
16	5.445	0.000	5.695	0.000		0.000		0.000		0.000		0.000
17	5.440	0.000	5.565	0.000		0.000		0.000		0.000		0.000
18	5.435	0.000	5.445	0.000		0.000		0.000		0.000		0.000
19	5.430	0.000	5.370	0.000		0.000		0.000		0.000		0.000
20	5.390	0.000	5.290	0.000		0.000		0.000		0.000		0.000
21	5.385	0.000	5.530	0.000		0.000		0.000		0.000		0.000
22	5.290	0.000	5.415	0.000		0.000		0.000		0.000		0.000
23	5.260	0.000	5.340	0.000		0.000		0.000		0.000		0.000
24		0.000	5.285	0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000		0.000		0.000
26		0.000		0.000		0.000		0.000		0.000		0.000
27		0.000		0.000		0.000		0.000		0.000		0.000
28		0.000		0.000		0.000		0.000		0.000		0.000
29		0.000		0.000				0.000		0.000		0.000
30		0.000		0.000				0.000		0.000		0.000
31		0.000		0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	6.421	4.774	5.526	0.000		0.000		0.000		0.000		0.000
II Ten-Daily	5.440	0.000	5.517	0.000		0.000		0.000		0.000		0.000
III Ten-Daily	5.312	0.000	5.392	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.	5.260	0.000	5.220	0.000		0.000		0.000		0.000		0.000
Max.	6.990	13.11	5.775	0.000		0.000		0.000		0.000		0.000
Mean	5.850	1.54	5.500	0		0		0		0		0

Peak Computed Discharge = 13.11 cumecs on 03/12/2017 **Corres. Water Level :6.99 m**

Lowest Computed Discharge = 2.346 cumecs on 12/11/2017 **Corres. Water Level :6.425 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

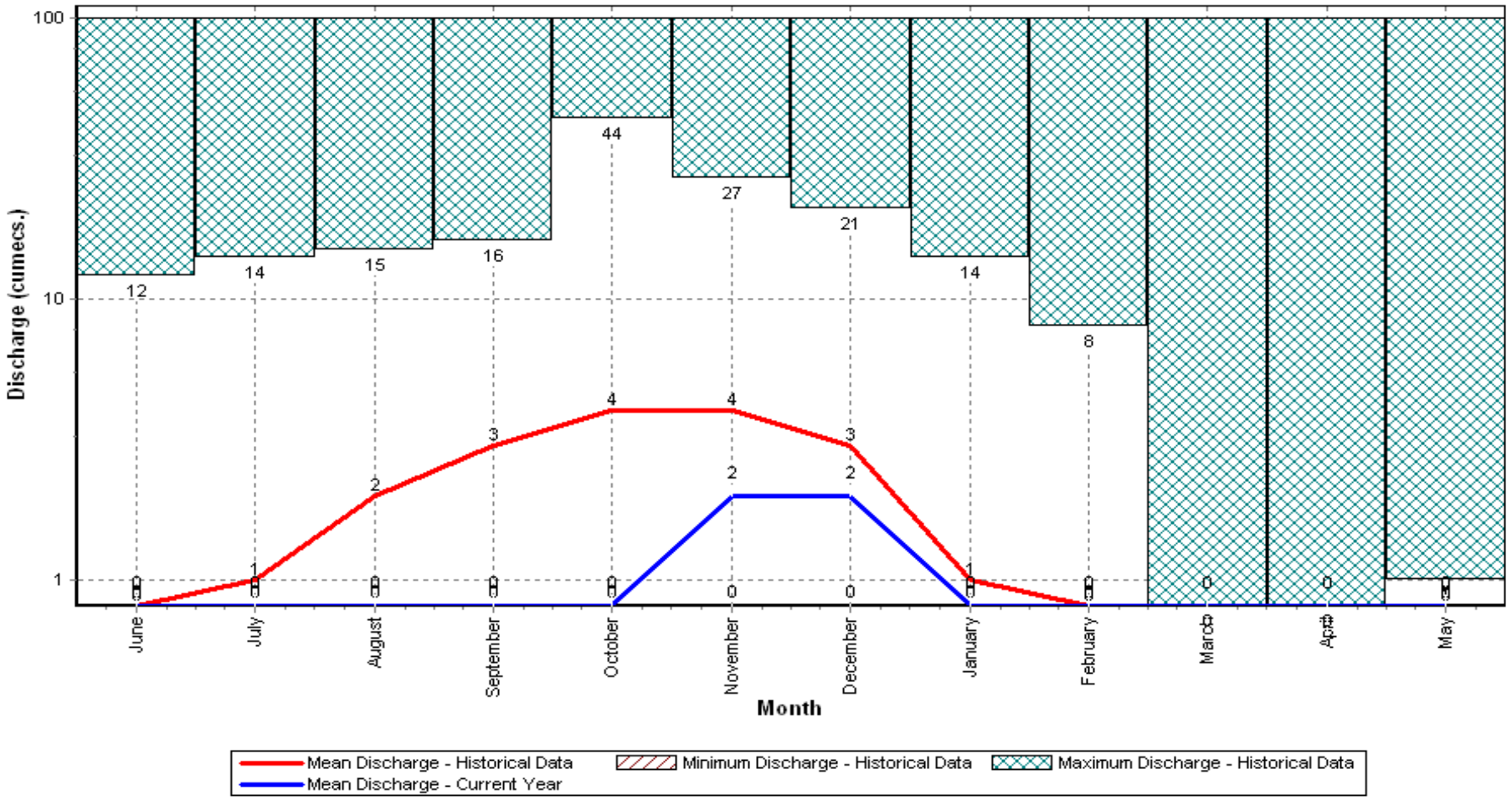
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Menangudi (CCA23N4) | **Data considered : 2004-2018** | **Division : Hydrology Division, Chennai**

Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**



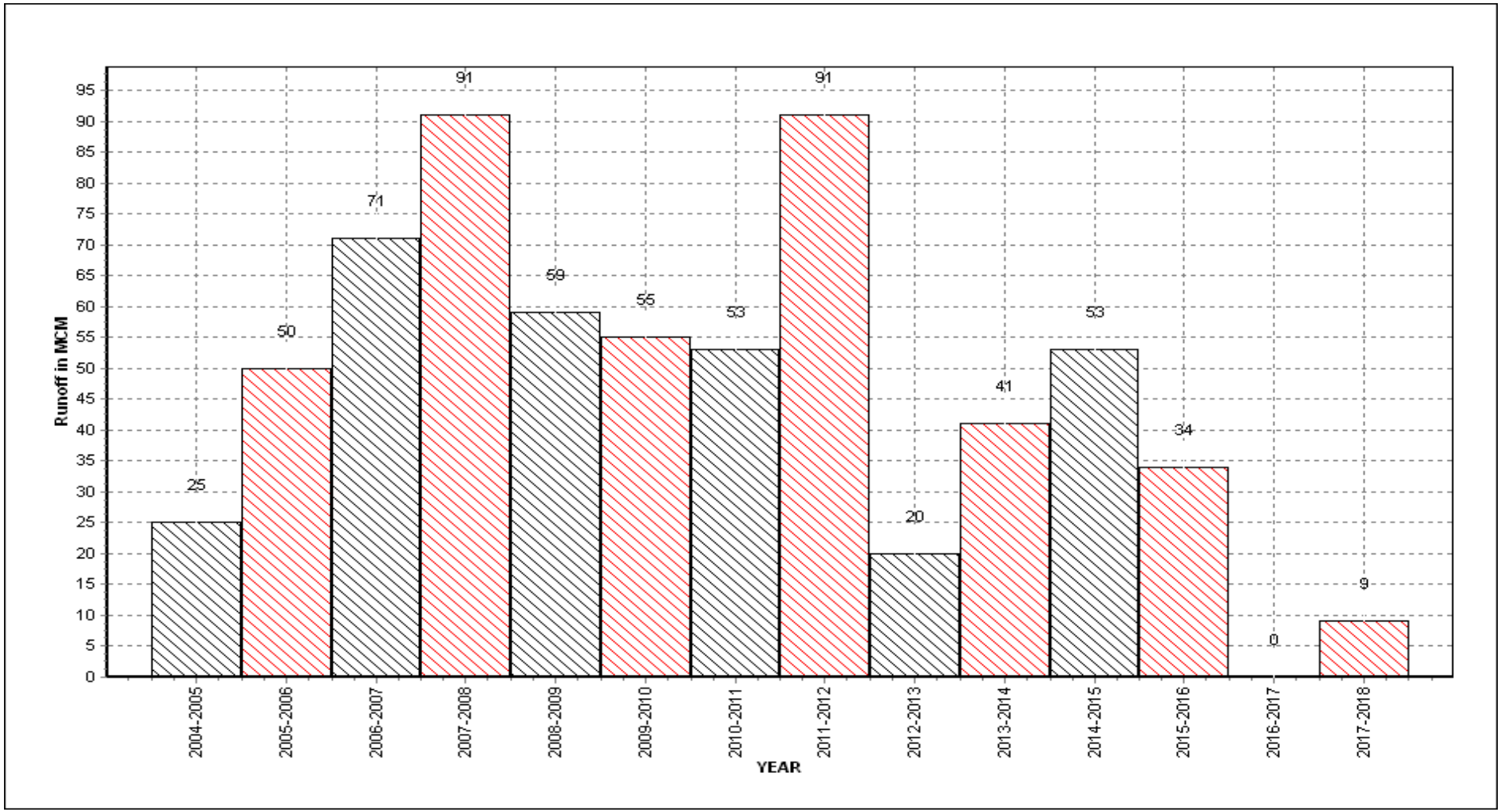
Annual Runoff Values for the period: 2004 - 2018

Station Name : Menangudi (CCA23N4)

Division : Hydrology Division, Chennai

Local River : Cauvery

Sub-Division : Cauvery Delta SD, Karaikkal

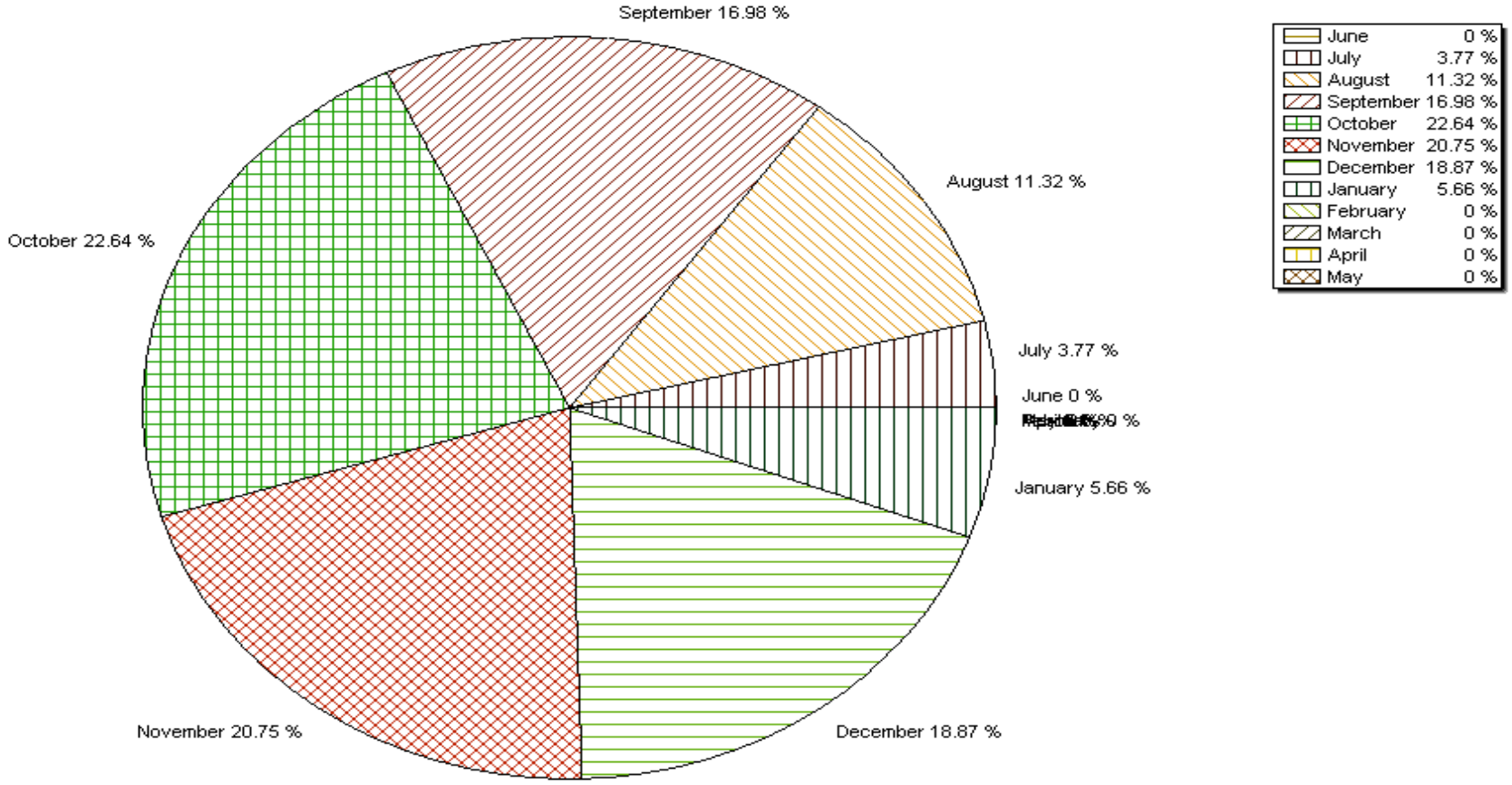


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2004-2017

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



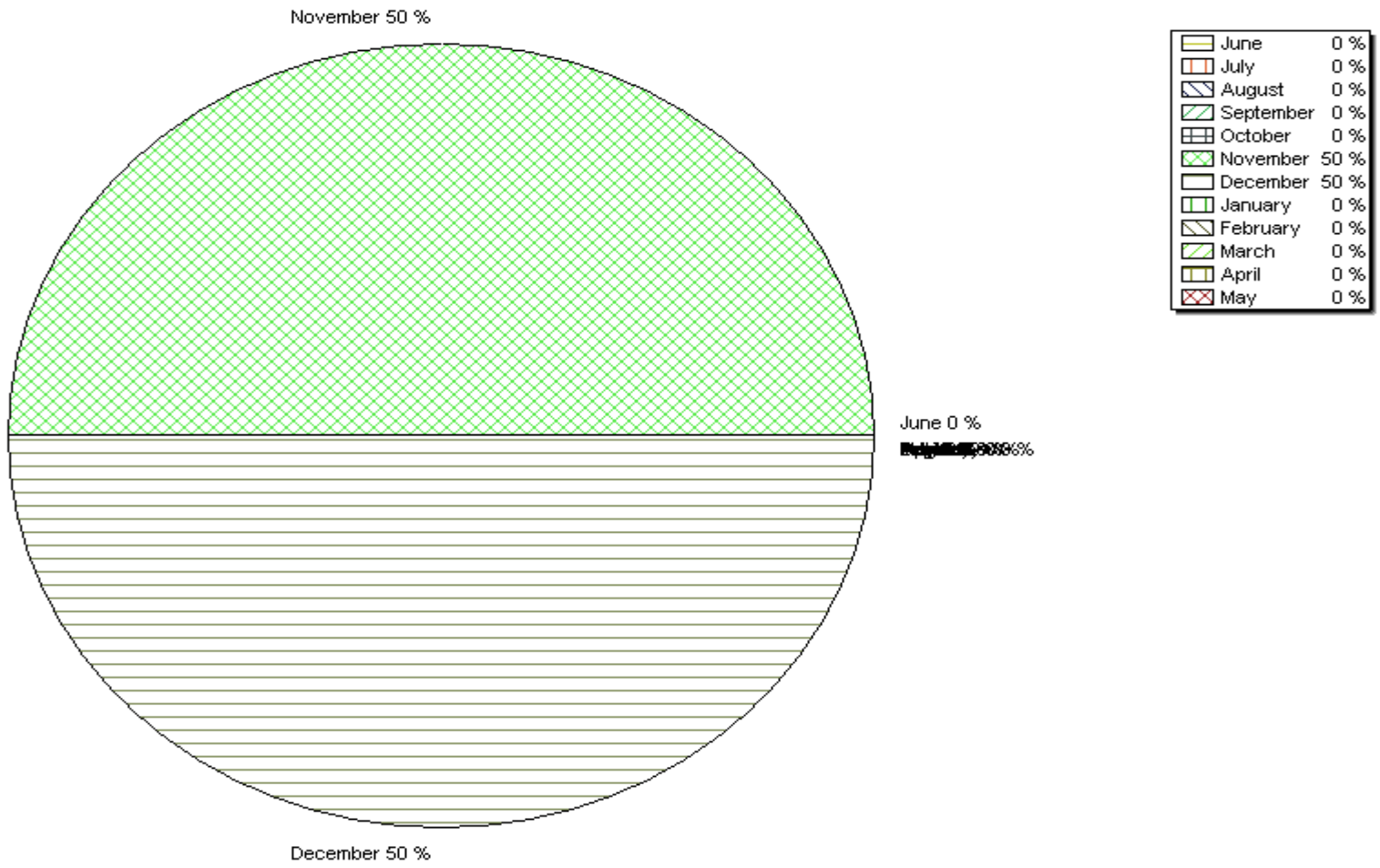
Monthly Runoff for the Year : 2017-2018

Station Name : Menangudi (CCA23N4)

Division : Hydrology Division, Chennai

Local River : Cauvery

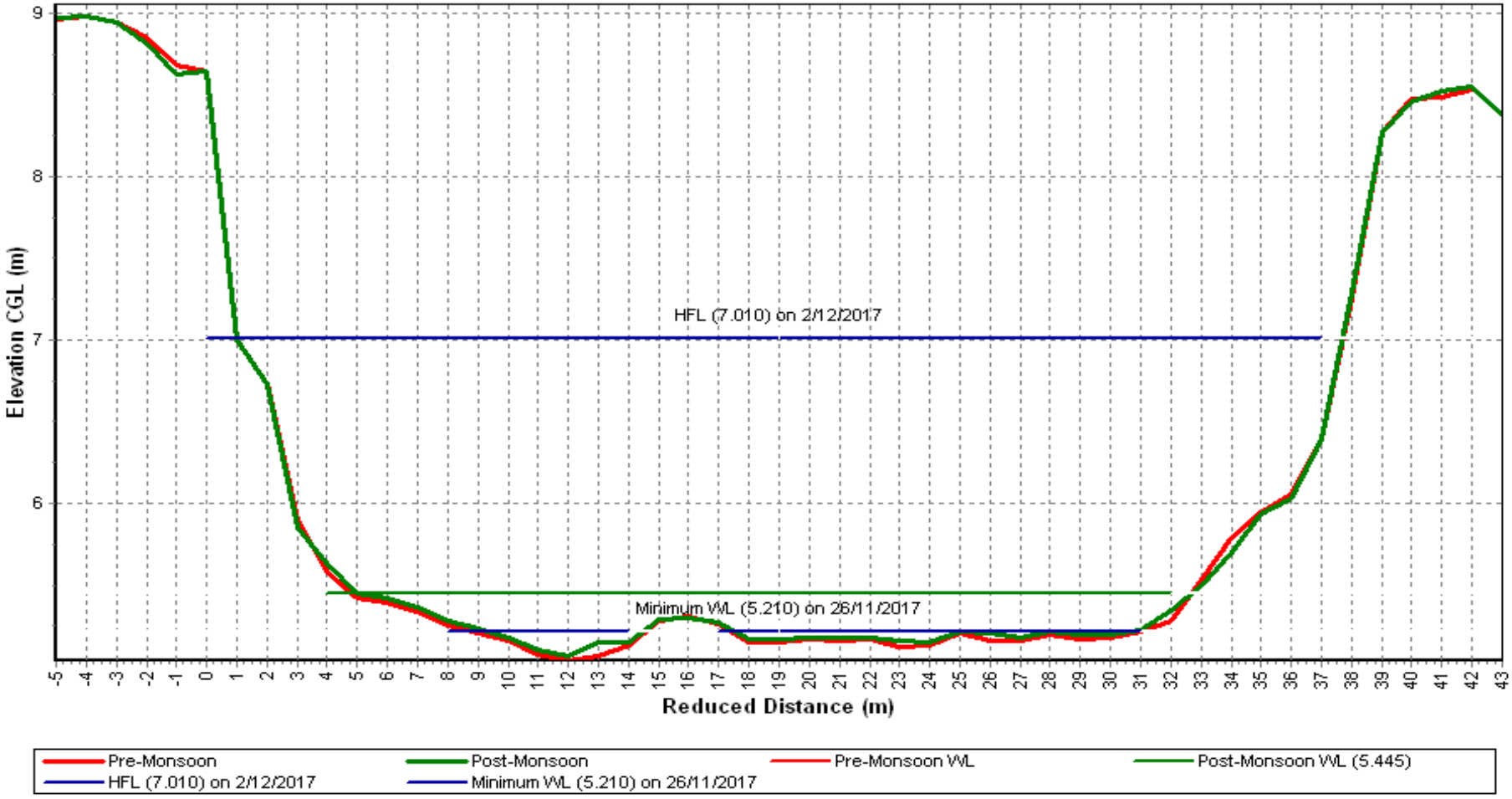
Sub-Division : Cauvery Delta SD, Karaikkal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

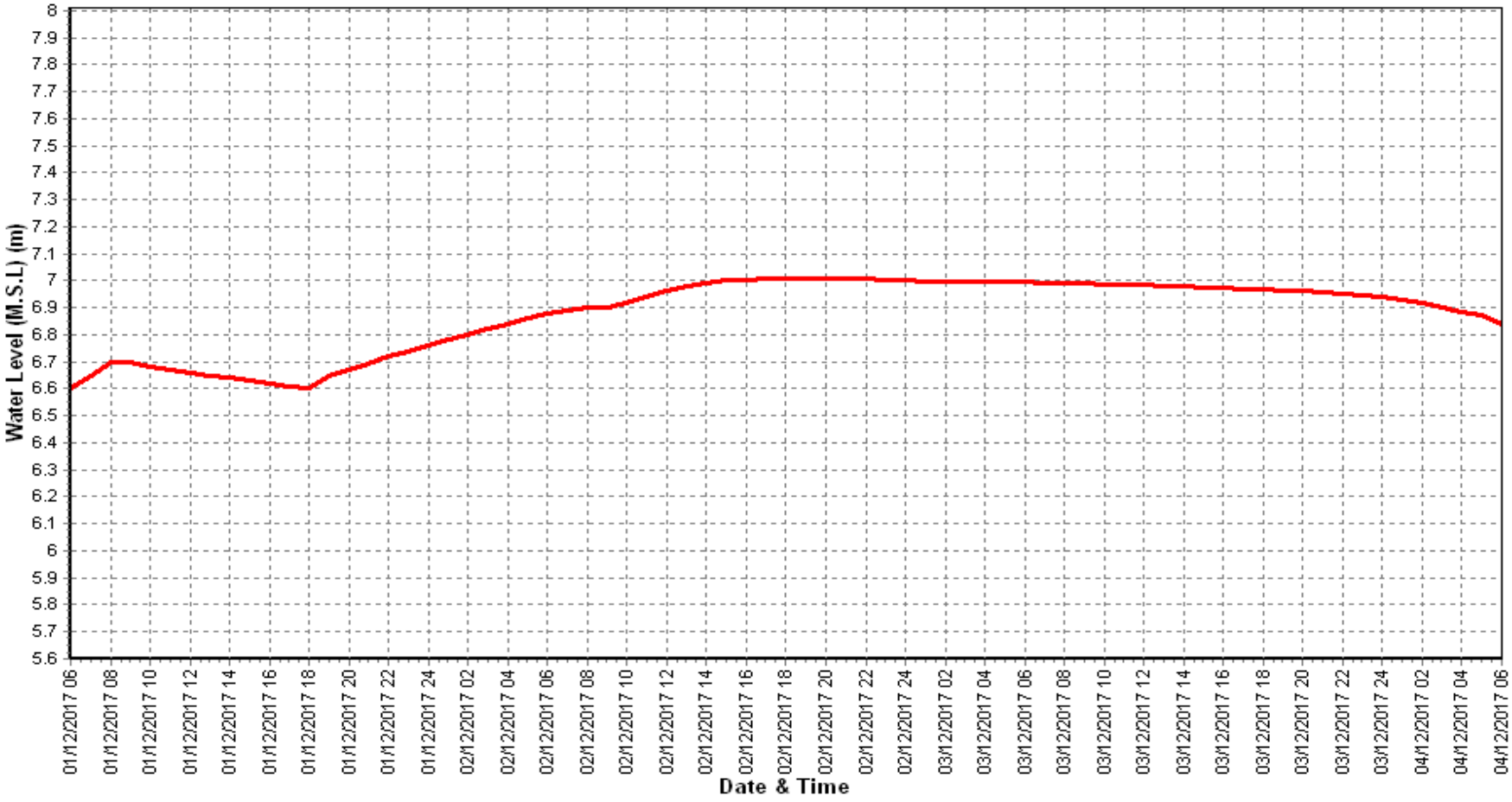
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

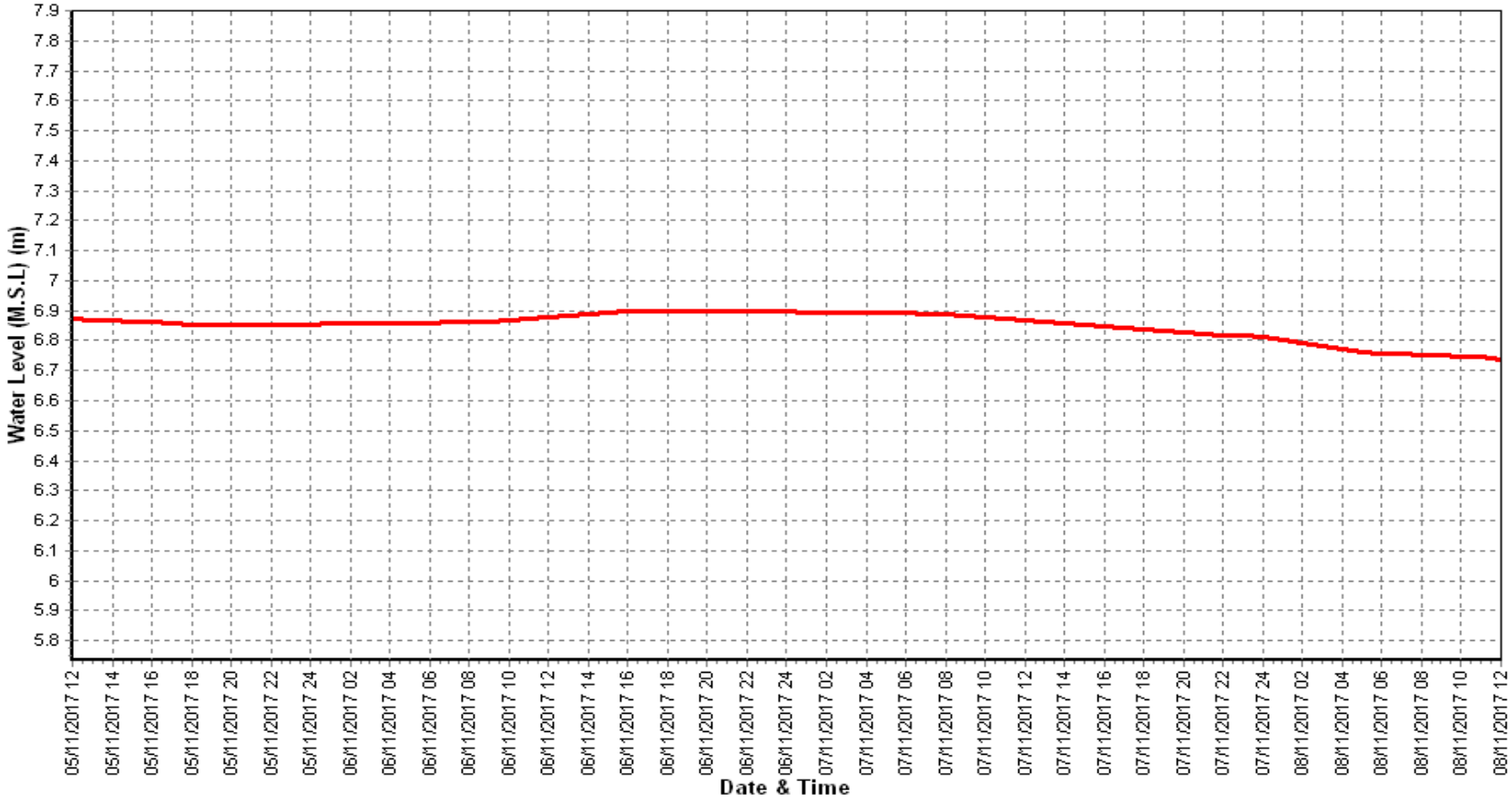


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

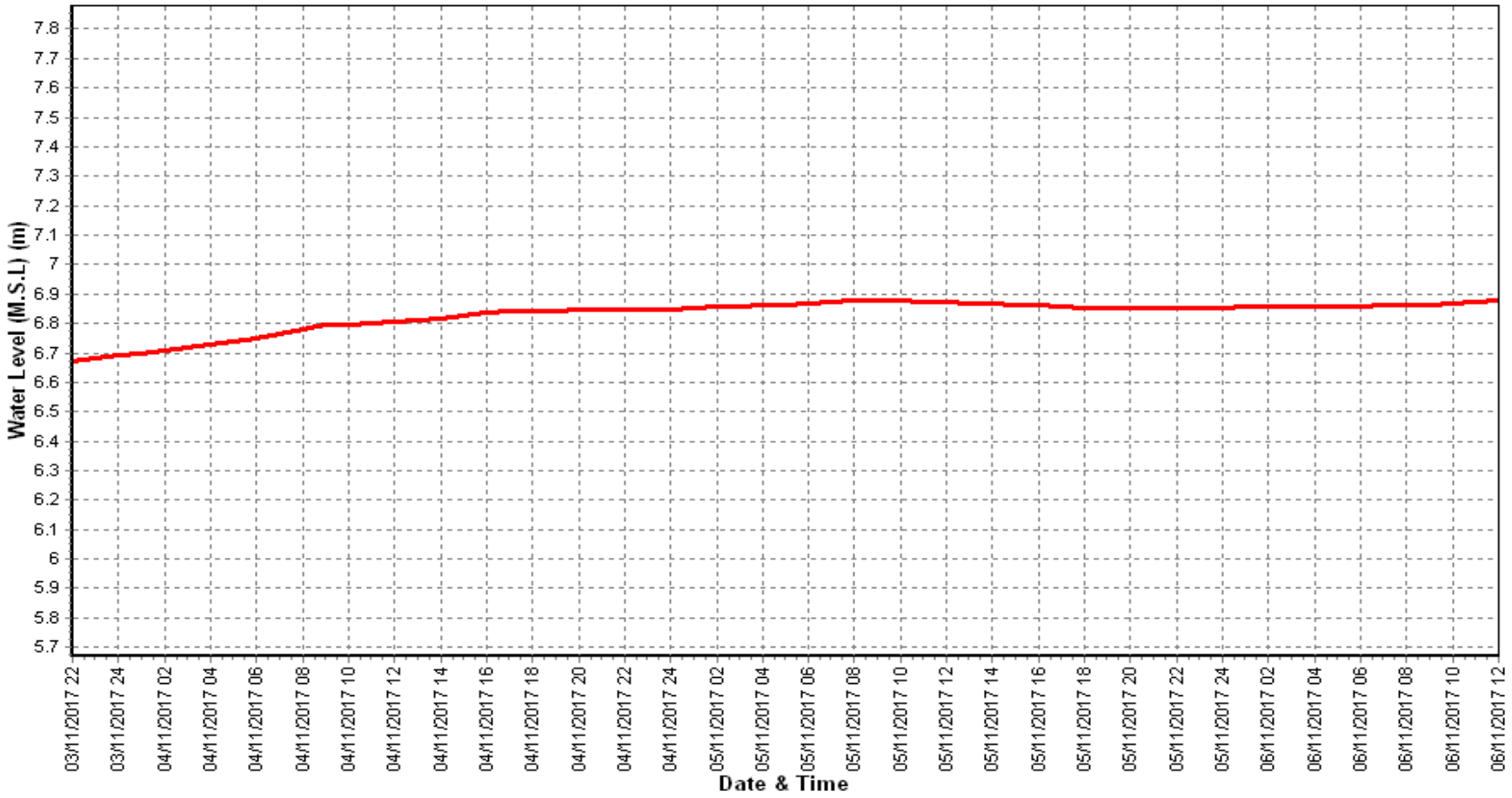


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Menangudi (CCA23N4) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**Porakudi**	**Code**	:	**CCA20G5**
State	:	Tamil Nadu	District		Nagapattinam
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Arasalar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Right
Latitude	:	10°54'14"	Longitude	:	79°42'26"
Zero of Gauge (m)	:	3.000 (m.s.l) 2.000 (m.s.l)	27-11-1997 01-06-1999	-	31-05-1999
		Opening Date	Closing Date		
Gauge	:	27-11-1997			
Discharge	:	01-02-1999			
Sediment	:				
Water Quality	:	01-09-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	70.73	5.375	23-11-1999	0.000	Dry Bed	01-06-1999
2000-2001	84.81	5.440	22-11-2000	0.000	Dry Bed	01-06-2000
2001-2002	64.03	5.420	03-02-2002	0.000	Dry Bed	01-06-2001
2002-2003	35.62	5.035	01-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	24.09	4.665	09-11-2003	0.000	Dry Bed	01-06-2003
2004-2005	59.80	6.000	31-10-2004	0.000	Dry Bed	01-06-2004
2005-2006	60.01	5.590	25-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	39.38	5.220	01-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	50.88	5.780	21-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	111.3	7.200	28-11-2008	0.000	Dry Bed	01-06-2008
2009-2010	50.62	5.665	09-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	50.34	5.460	30-11-2010	0.000	Dry Bed	01-06-2010
2011-2012	60.50	5.290	27-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	56.61	5.200	31-10-2012	0.000	2.565	01-06-2012
2013-2014	18.15	4.440	11-10-2013	0.000	Dry Bed	01-06-2013
2014-2015	41.94	5.550	21-10-2014	0.000	2.435	01-06-2014
2015-2016	44.80	4.930	10-11-2015	0.000	2.370	01-06-2015
2016-2017	0.000	Dry Bed	06-04-2017	0.000	3.595	27-06-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov		
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	
1		0.000		0.000		0.000		0.000		0.000	3.405	7.618	#
2		0.000		0.000		0.000		0.000		0.000	3.985	16.13	#
3		0.000		0.000		0.000		0.000		0.000	3.995	14.04	
4		0.000		0.000		0.000		0.000		0.000	4.080	17.84	*
5		0.000		0.000		0.000		0.000		0.000	4.460	24.97	*
6		0.000		0.000		0.000		0.000		0.000	4.525	29.21	
7		0.000		0.000		0.000		0.000		0.000	4.395	24.79	
8		0.000		0.000		0.000		0.000		0.000	4.218	19.27	
9		0.000		0.000		0.000		0.000		0.000	3.965	17.41	
10		0.000		0.000		0.000		0.000		0.000	3.765	11.32	
11		0.000		0.000		0.000		0.000		0.000	3.570	10.08	
12		0.000		0.000		0.000		0.000		0.000	3.380	7.371	*
13		0.000		0.000		0.000		0.000		0.000	3.410	0.000	
14		0.000		0.000		0.000		0.000		0.000	3.410	0.000	
15		0.000		0.000		0.000		0.000		0.000	3.395	0.000	
16		0.000		0.000		0.000		0.000	3.090	4.411	3.340	0.000	
17		0.000		0.000		0.000		0.000	2.850	2.088	3.320	0.000	
18		0.000		0.000		0.000		0.000	2.440	0.000	3.220	0.000	
19		0.000		0.000		0.000		0.000	2.320	0.000	3.120	0.000	
20		0.000		0.000		0.000		0.000		0.000	3.070	0.000	
21		0.000		0.000		0.000		0.000		0.000	3.050	0.000	
22		0.000		0.000		0.000		0.000		0.000	3.070	0.000	
23		0.000		0.000		0.000		0.000		0.000	3.070	0.000	
24		0.000		0.000		0.000		0.000		0.000	3.035	0.000	
25		0.000		0.000		0.000		0.000		0.000	3.010	0.000	
26		0.000		0.000		0.000		0.000		0.000	3.010	0.000	
27		0.000		0.000		0.000		0.000		0.000	3.040	0.000	
28		0.000		0.000		0.000		0.000		0.000	3.170	0.000	
29		0.000		0.000		0.000		0.000		0.000	3.790	0.000	
30		0.000		0.000		0.000		0.000		0.000	3.810	0.000	
31				0.000		0.000				0.000			
Ten-Daily Mean													
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	4.079	18.26	
II Ten-Daily		0.000		0.000		0.000		0.000	2.675	0.650	3.324	1.745	
III Ten-Daily		0.000		0.000		0.000		0.000		0.000	3.206	0.000	
Monthly													
Min.		0.000		0.000		0.000		0.000	2.320	0.000	3.010	0.000	
Max.		0.000		0.000		0.000		0.000	3.090	4.411	4.525	29.21	
Mean		0		0		0		0	2.675	0.21	3.536	6.668	

Annual Runoff in MCM = 37 Annual Runoff in mm =

Peak Observed Discharge = 42.04 cumecs on 04/12/2017 Corres. Water Level :4.885 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	4.295	22.86	3.010	0.000	2.710	0.000	2.400	0.000	2.080	0.000		0.000
2	4.520	32.92 *	3.010	0.000	2.680	0.000	2.385	0.000	2.065	0.000		0.000
3	4.910	44.28 *	3.000	0.000	2.640	0.000	2.370	0.000	2.055	0.000		0.000
4	4.885	42.04	3.000	0.000	2.630	0.000	2.355	0.000	2.050	0.000		0.000
5	4.435	36.25	3.070	0.000	2.620	0.000	2.340	0.000	2.040	0.000		0.000
6	4.095	23.91	3.040	0.000	2.610	0.000	2.325	0.000	2.035	0.000		0.000
7	4.030	20.22	3.025	0.000	2.600	0.000	2.310	0.000	2.030	0.000		0.000
8	4.070	0.000	2.965	0.000	2.590	0.000	2.300	0.000	2.020	0.000		0.000
9	4.075	0.000	2.910	0.000	2.580	0.000	2.285	0.000	2.015	0.000		0.000
10	3.950	0.000	2.940	0.000	2.570	0.000	2.285	0.000	2.010	0.000		0.000
11	3.900	0.000	3.210	0.000	2.560	0.000	2.280	0.000		0.000		0.000
12	3.840	0.000	3.330	0.000	2.545	0.000	2.280	0.000		0.000		0.000
13	3.760	0.000	3.360	0.000	2.540	0.000	2.275	0.000		0.000		0.000
14	3.640	0.000	3.390	0.000	2.530	0.000	2.270	0.000		0.000		0.000
15	3.670	0.000	3.400	0.000	2.515	0.000	2.250	0.000		0.000		0.000
16	3.700	0.000	3.385	0.000	2.505	0.000	2.235	0.000		0.000		0.000
17	3.660	0.000	3.370	0.000	2.490	0.000	2.225	0.000		0.000		0.000
18	3.635	0.000	3.340	0.000	2.485	0.000	2.225	0.000		0.000		0.000
19	3.620	0.000	3.300	0.000	2.475	0.000	2.215	0.000		0.000		0.000
20	3.560	0.000	3.275	0.000	2.470	0.000	2.200	0.000		0.000		0.000
21	3.490	0.000	3.260	0.000	2.460	0.000	2.190	0.000		0.000		0.000
22	3.510	0.000	3.170	0.000	2.450	0.000	2.175	0.000		0.000		0.000
23	3.500	0.000	3.070	0.000	2.445	0.000	2.175	0.000		0.000		0.000
24	3.480	0.000	3.045	0.000	2.440	0.000	2.165	0.000		0.000		0.000
25	3.440	0.000	3.000	0.000	2.435	0.000	2.160	0.000		0.000		0.000
26	3.400	0.000	2.955	0.000	2.425	0.000	2.150	0.000		0.000		0.000
27	3.260	0.000	2.910	0.000	2.415	0.000	2.140	0.000		0.000		0.000
28	3.210	0.000	2.875	0.000	2.410	0.000	2.130	0.000		0.000		0.000
29	3.170	0.000	2.820	0.000			2.120	0.000		0.000		0.000
30	3.170	0.000	2.780	0.000			2.105	0.000		0.000		0.000
31	3.100	0.000	2.740	0.000			2.095	0.000				0.000
Ten-Daily Mean												
I Ten-Daily	4.326	22.25	2.997	0.000	2.623	0.000	2.336	0.000	2.040	0.000		0.000
II Ten-Daily	3.699	0.000	3.336	0.000	2.512	0.000	2.246	0.000		0.000		0.000
III Ten-Daily	3.339	0.000	2.966	0.000	2.435	0.000	2.146	0.000		0.000		0.000
Monthly												
Min.	3.100	0.000	2.740	0.000	2.410	0.000	2.095	0.000	2.010	0.000		0.000
Max.	4.910	44.28	3.400	0.000	2.710	0.000	2.400	0.000	2.080	0.000		0.000
Mean	3.774	7.177	3.095	0	2.529	0	2.239	0	2.040	0		0

Peak Computed Discharge = 44.28 cumecs on 03/12/2017 **Corres. Water Level :4.91 m**

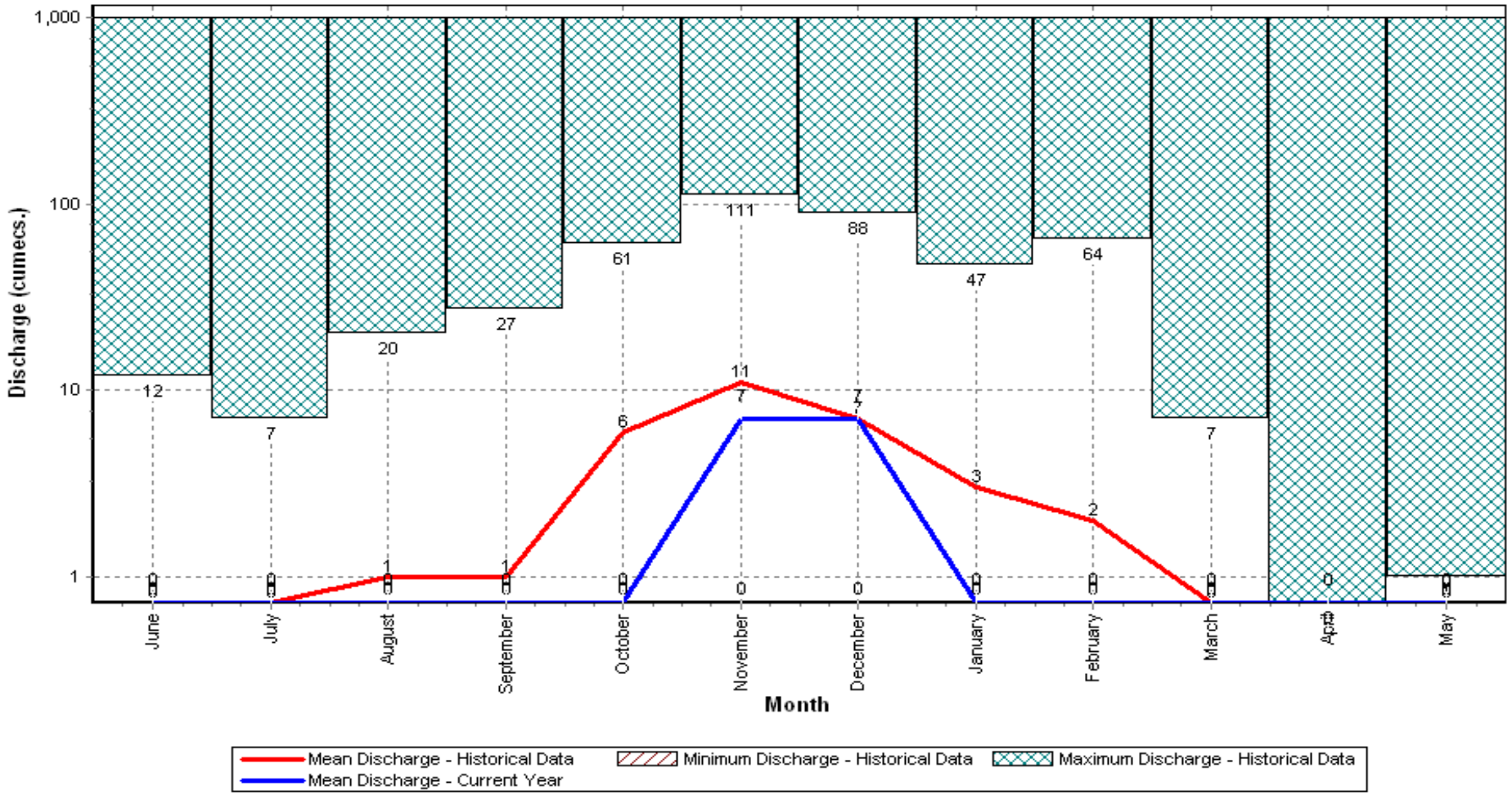
Lowest Computed Discharge = 7.371 cumecs on 12/11/2017 **Corres. Water Level :3.38 m**

Q:Observed/Computed Discharge in cumecs
WL:Corresponding Mean Water Level(m.s.l) in m
*:Computed Discharge
#:Discarded Discharge (values changed as per rating curve)
Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Porakudi (CCA20G5) | **Data considered : 1999-2018** | **Division : Hydrology Division, Chennai**

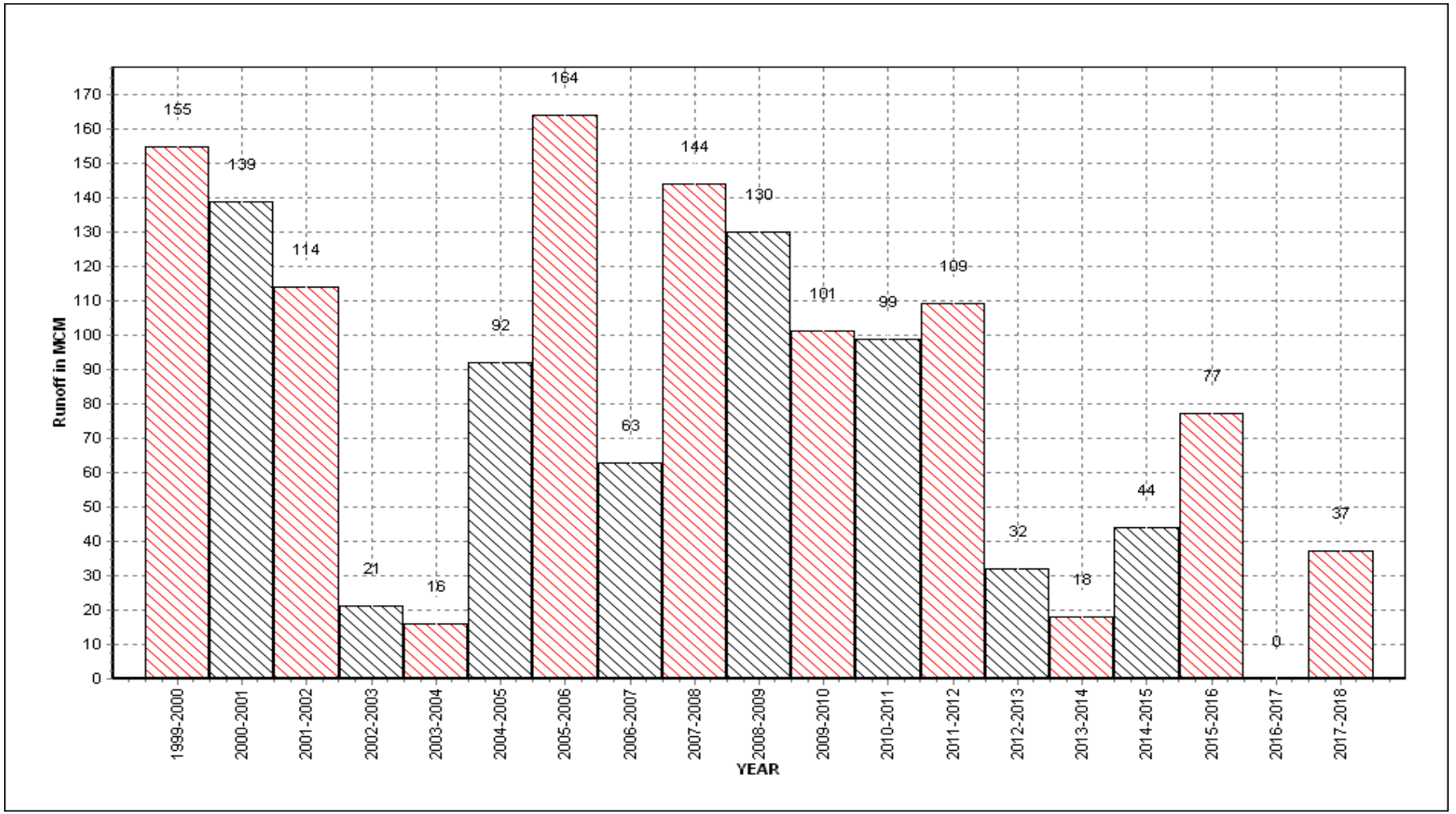
Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**


1,000
100
10
1
Discharge (cumecs.)
12
7
20
27
61
111
88
47
64
7
0
1
1
6
11
7
7
3
2
0
0
0

Annual Runoff Values for the period: 1999 - 2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Note: Missing values have not been considered while arriving at Annual Runoff

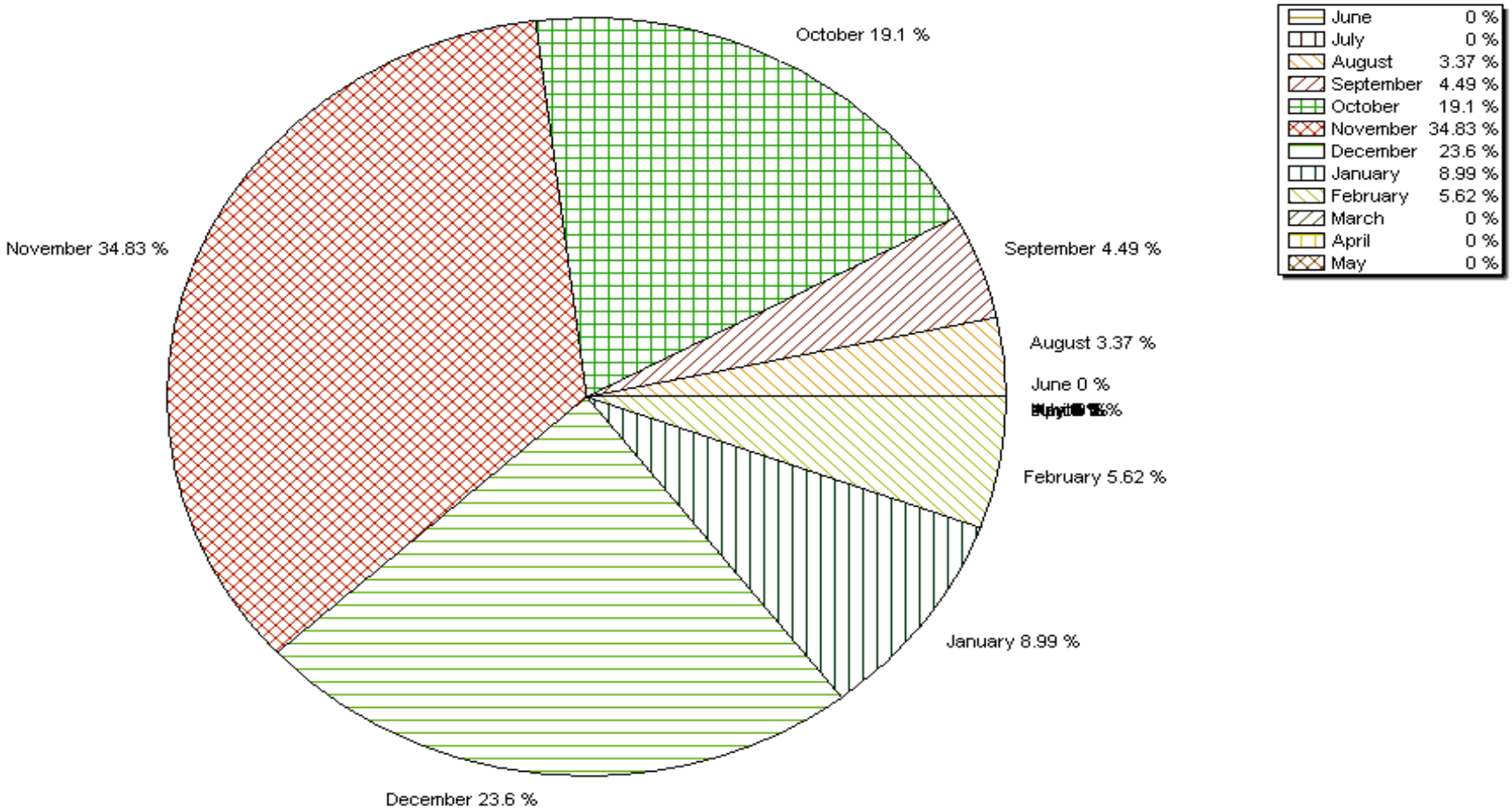
Monthly Average Runoff based on period : 1999-2017

Station Name : Porakudi (CCA20G5)

Local River : Cauvery

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikkal



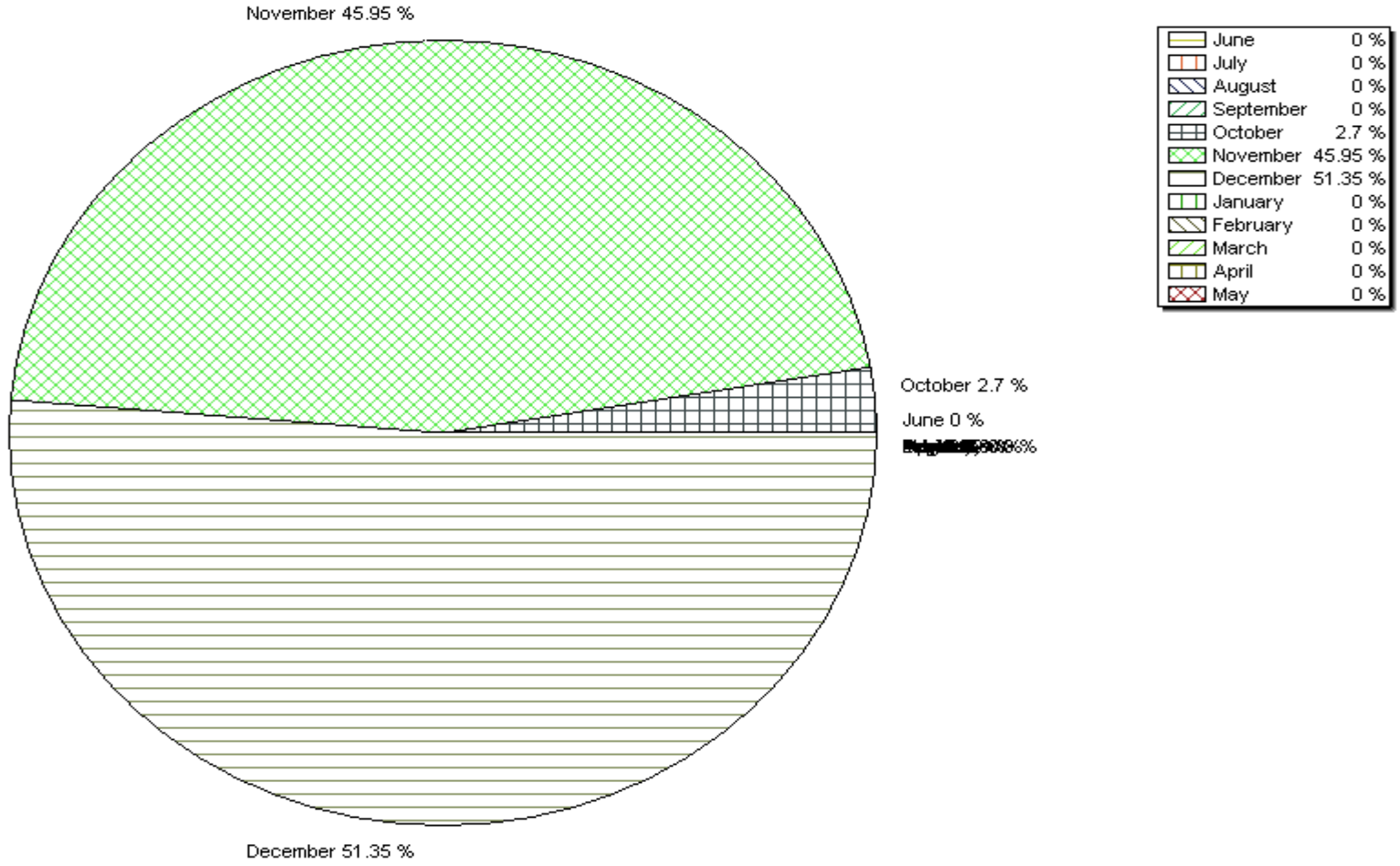
Monthly Runoff for the Year : 2017-2018

Station Name : Porakudi (CCA20G5)

Division : Hydrology Division, Chennai

Local River : Cauvery

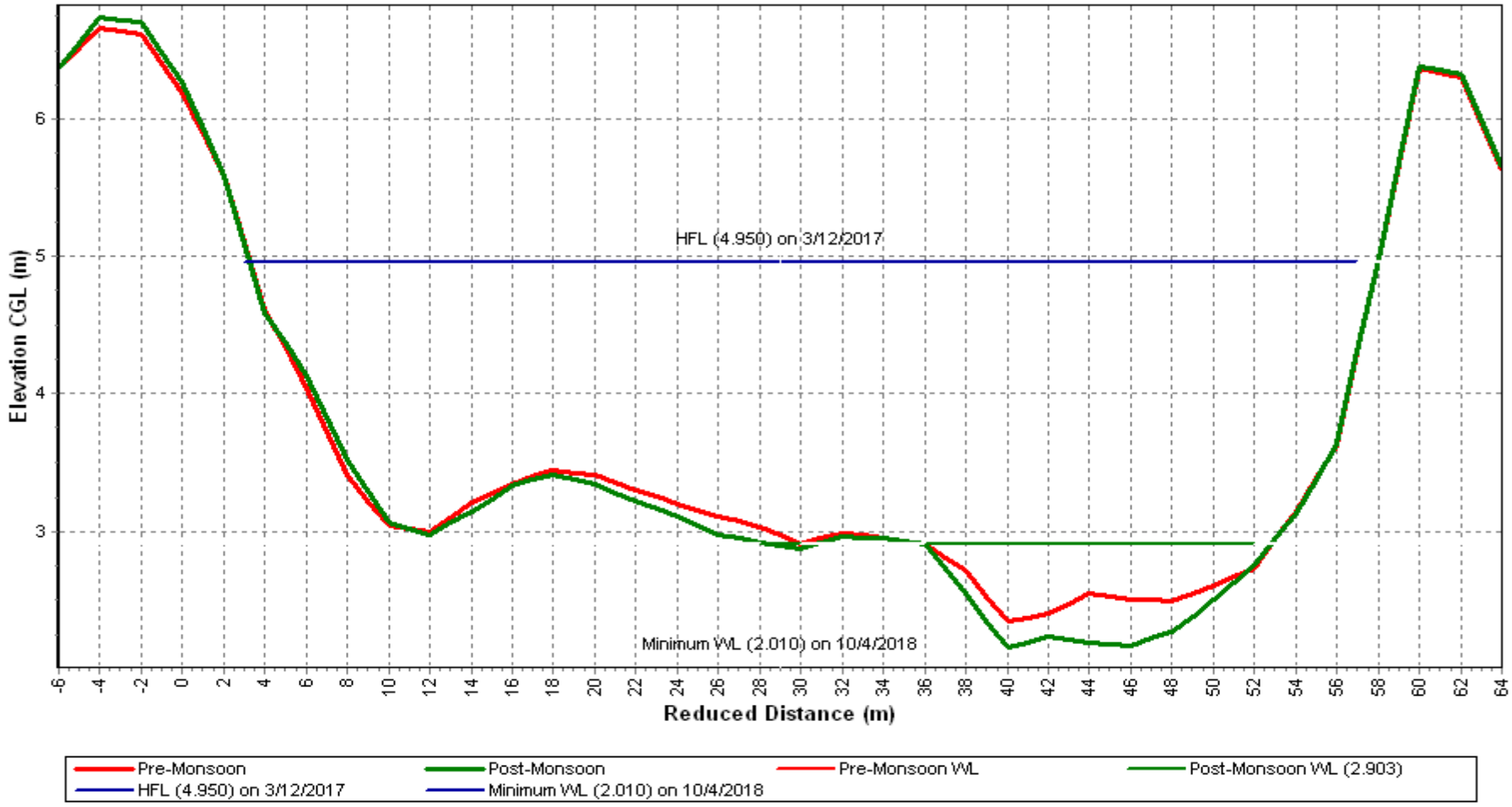
Sub-Division : Cauvery Delta SD, Karaikkal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

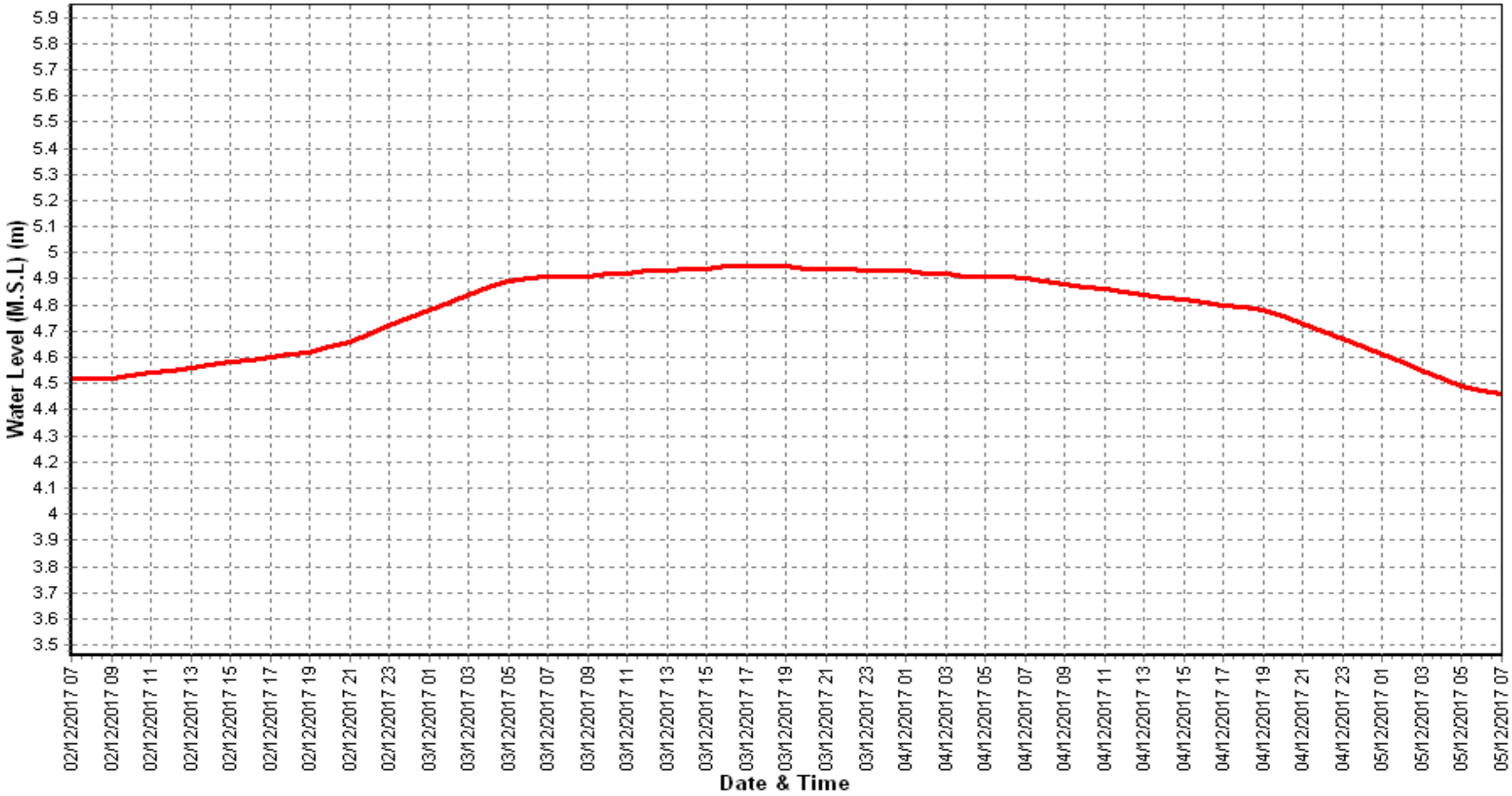
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

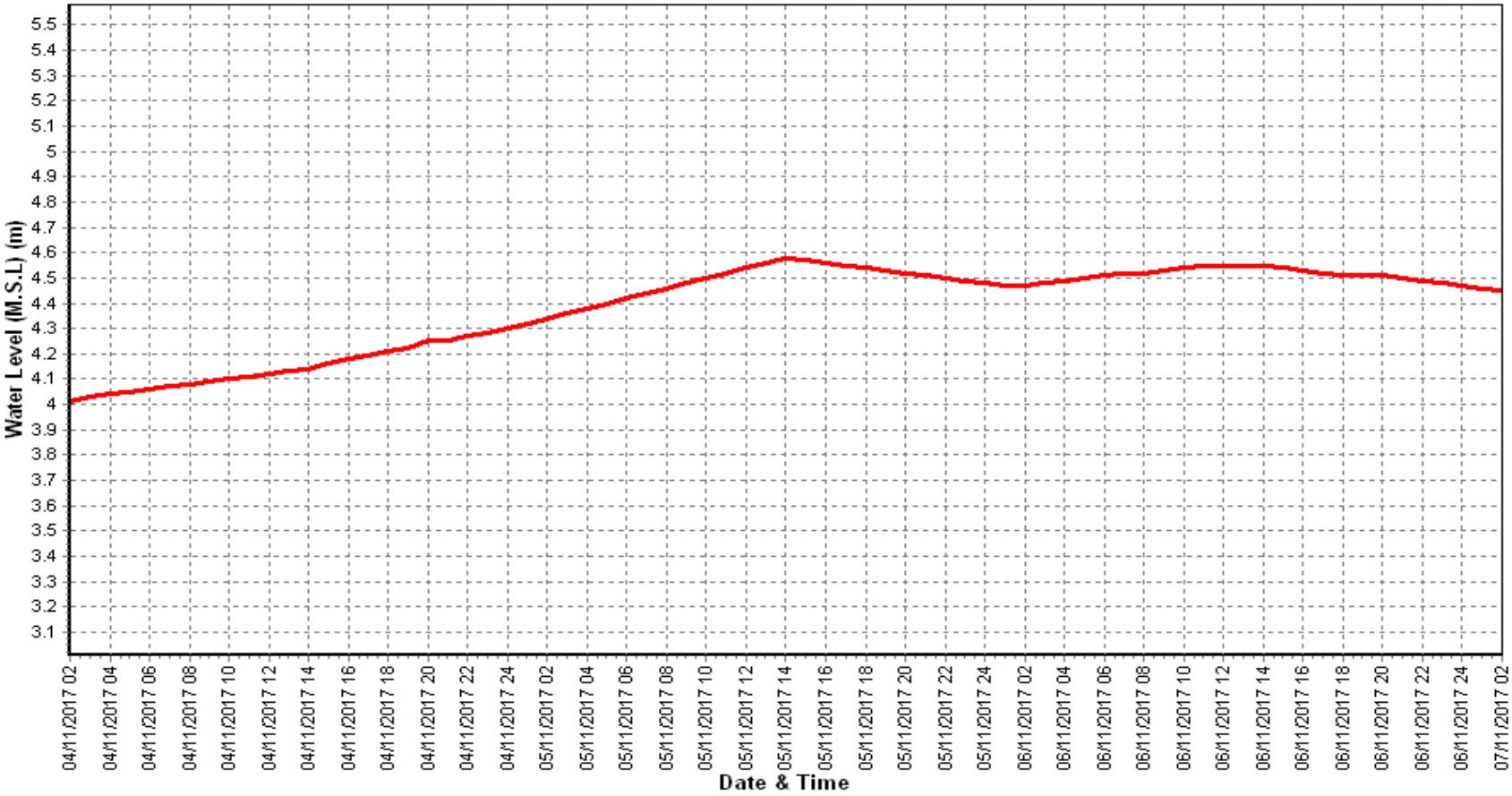


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

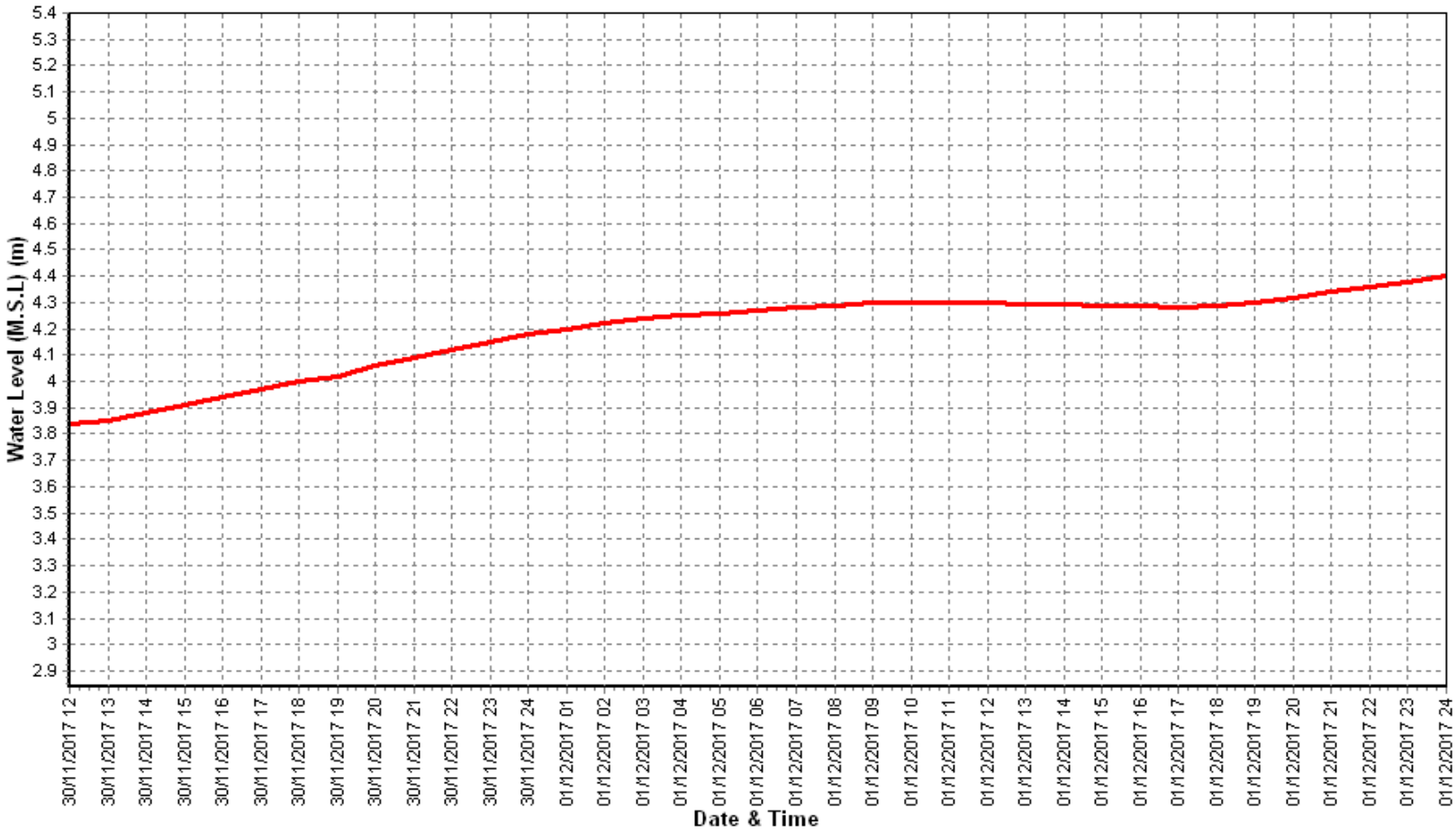


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Porakudi (CCA20G5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Peralam**	**Code**	:	**CCA22S5**
State	:	Tamil Nadu	District		Tiruvarur
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Vanjiyar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Right
Latitude	:	10°57'59"	Longitude	:	79°39'41"
Zero of Gauge (m)	:	6.000 (m.s.l)	01-02-1998		
		Opening Date	Closing Date		
Gauge	:	01-02-1998			
Discharge	:	01-02-1999			
Sediment	:				
Water Quality	:	01-09-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	5.066	8.820	22-11-1999	0.000	Dry Bed	01-06-1999
2000-2001	5.385	9.150	28-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	3.787	9.160	28-07-2001	0.000	Dry Bed	01-06-2001
2002-2003	3.878	9.150	02-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	2.860	8.850	12-11-2003	0.000	Dry Bed	01-06-2003
2004-2005	4.173	9.085	01-11-2004	0.000	Dry Bed	01-06-2004
2005-2006	4.708	9.130	09-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	8.049	8.510	27-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	6.482	8.700	20-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	8.207	9.835	27-11-2008	0.000	Dry Bed	01-06-2008
2009-2010	3.315	9.340	08-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	4.523	8.730	29-11-2010	0.000	Dry Bed	01-06-2010
2011-2012	3.479	8.610	27-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	2.818	8.220	20-10-2012	0.000	Dry Bed	01-06-2012
2013-2014	3.701	8.740	09-09-2013	0.000	Dry Bed	01-06-2013
2014-2015	4.631	8.520	21-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	2.784	8.610	23-11-2015	0.000	Dry Bed	01-06-2015
2016-2017	0.088	7.180	24-10-2016	0.000	Dry Bed	24-06-2016

Q:Observed/Computed DischargE
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000		0.000	7.135	0.000
2		0.000		0.000		0.000		0.000		0.000	7.110	0.000
3		0.000		0.000		0.000		0.000		0.000	7.540	0.309 #
4		0.000		0.000		0.000		0.000		0.000	7.930	0.954 *
5		0.000		0.000		0.000		0.000		0.000	8.250	1.611 *
6		0.000		0.000		0.000		0.000		0.000	8.310	1.819
7		0.000		0.000		0.000		0.000		0.000	8.428	2.116
8		0.000		0.000		0.000		0.000		0.000	8.575	2.451
9		0.000		0.000		0.000		0.000		0.000	8.202	1.701
10		0.000		0.000		0.000		0.000		0.000	7.840	0.864
11		0.000		0.000		0.000		0.000		0.000	7.673	0.428
12		0.000		0.000		0.000		0.000		0.000	7.555	0.365 *
13		0.000		0.000		0.000		0.000		0.000	7.340	0.133 #
14		0.000		0.000		0.000		0.000		0.000	7.230	0.052 #
15		0.000		0.000		0.000		0.000		0.000	7.190	0.029
16		0.000		0.000		0.000		0.000		0.000	7.170	0.000
17		0.000		0.000		0.000		0.000		0.000	7.150	0.000
18		0.000		0.000		0.000		0.000		0.000		0.000
19		0.000		0.000		0.000		0.000	7.180	0.000		0.000
20		0.000		0.000		0.000		0.000	7.140	0.000		0.000
21		0.000		0.000		0.000		0.000		0.000		0.000
22		0.000		0.000		0.000		0.000		0.000		0.000
23		0.000		0.000		0.000		0.000		0.000		0.000
24		0.000		0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000		0.000		0.000
26		0.000		0.000		0.000		0.000	7.180	0.025 #		0.000
27		0.000		0.000		0.000		0.000	7.160	0.000		0.000
28		0.000		0.000		0.000		0.000	8.290	1.492	7.140	0.000
29		0.000		0.000		0.000		0.000	7.940	0.972 *	7.160	0.018
30		0.000		0.000		0.000		0.000	7.250	0.065 #	7.210	0.040 #
31				0.000		0.000			7.120	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	7.932	1.183
II Ten-Daily		0.000		0.000		0.000		0.000	7.160	0.000	7.330	0.101
III Ten-Daily		0.000		0.000		0.000		0.000	7.490	0.232	7.170	0.006
Monthly												
Min.		0.000		0.000		0.000		0.000	7.120	0.000	7.110	0.000
Max.		0.000		0.000		0.000		0.000	8.290	1.492	8.575	2.451
Mean		0		0		0		0	7.407	0.082	7.607	0.43

Annual Runoff in MCM = 3 Annual Runoff in mm =

Peak Observed Discharge = 2.574 cumecs on 04/12/2017 Corres. Water Level :8.6075 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	8.070	1.371		0.000		0.000		0.000		0.000		0.000
2	8.605	2.558 *		0.000		0.000		0.000		0.000		0.000
3	8.865	3.236 *	7.170	0.000		0.000		0.000		0.000		0.000
4	8.608	2.574	7.175	0.000		0.000		0.000		0.000		0.000
5	8.300	1.620	7.160	0.000		0.000		0.000		0.000		0.000
6	7.910	1.309	7.130	0.000		0.000		0.000		0.000		0.000
7	7.505	0.501 #		0.000		0.000		0.000		0.000		0.000
8	7.260	0.235 #		0.000		0.000		0.000		0.000		0.000
9	7.160	0.000		0.000		0.000		0.000		0.000		0.000
10	7.145	0.000		0.000		0.000		0.000		0.000		0.000
11	7.140	0.000	7.180	0.168 #		0.000		0.000		0.000		0.000
12	7.130	0.000	7.385	0.363		0.000		0.000		0.000		0.000
13		0.000	7.265	0.226		0.000		0.000		0.000		0.000
14		0.000	7.225	0.204 *		0.000		0.000		0.000		0.000
15		0.000	7.170	0.000		0.000		0.000		0.000		0.000
16		0.000	7.170	0.000		0.000		0.000		0.000		0.000
17		0.000	7.150	0.000		0.000		0.000		0.000		0.000
18		0.000	7.140	0.000		0.000		0.000		0.000		0.000
19		0.000	7.130	0.000		0.000		0.000		0.000		0.000
20		0.000		0.000		0.000		0.000		0.000		0.000
21		0.000		0.000		0.000		0.000		0.000		0.000
22		0.000		0.000		0.000		0.000		0.000		0.000
23		0.000		0.000		0.000		0.000		0.000		0.000
24		0.000		0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000		0.000		0.000
26	7.180	0.000		0.000		0.000		0.000		0.000		0.000
27	7.160	0.000		0.000		0.000		0.000		0.000		0.000
28	7.130	0.000		0.000		0.000		0.000		0.000		0.000
29		0.000		0.000				0.000		0.000		0.000
30		0.000		0.000				0.000		0.000		0.000
31		0.000		0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	7.943	1.340	7.159	0.000		0.000		0.000		0.000		0.000
II Ten-Daily	7.135	0.000	7.202	0.096		0.000		0.000		0.000		0.000
III Ten-Daily	7.157	0.000		0.000		0.000		0.000		0.000		0.000
Monthly												
Min.	7.130	0.000	7.130	0.000		0.000		0.000		0.000		0.000
Max.	8.865	3.236	7.385	0.363		0.000		0.000		0.000		0.000
Mean	7.678	0.432	7.188	0.031		0		0		0		0

Peak Computed Discharge = 3.236 cumecs on 03/12/2017 **Corres. Water Level :8.865 m**

Lowest Computed Discharge = 0.204 cumecs on 14/01/2018 **Corres. Water Level :7.225 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

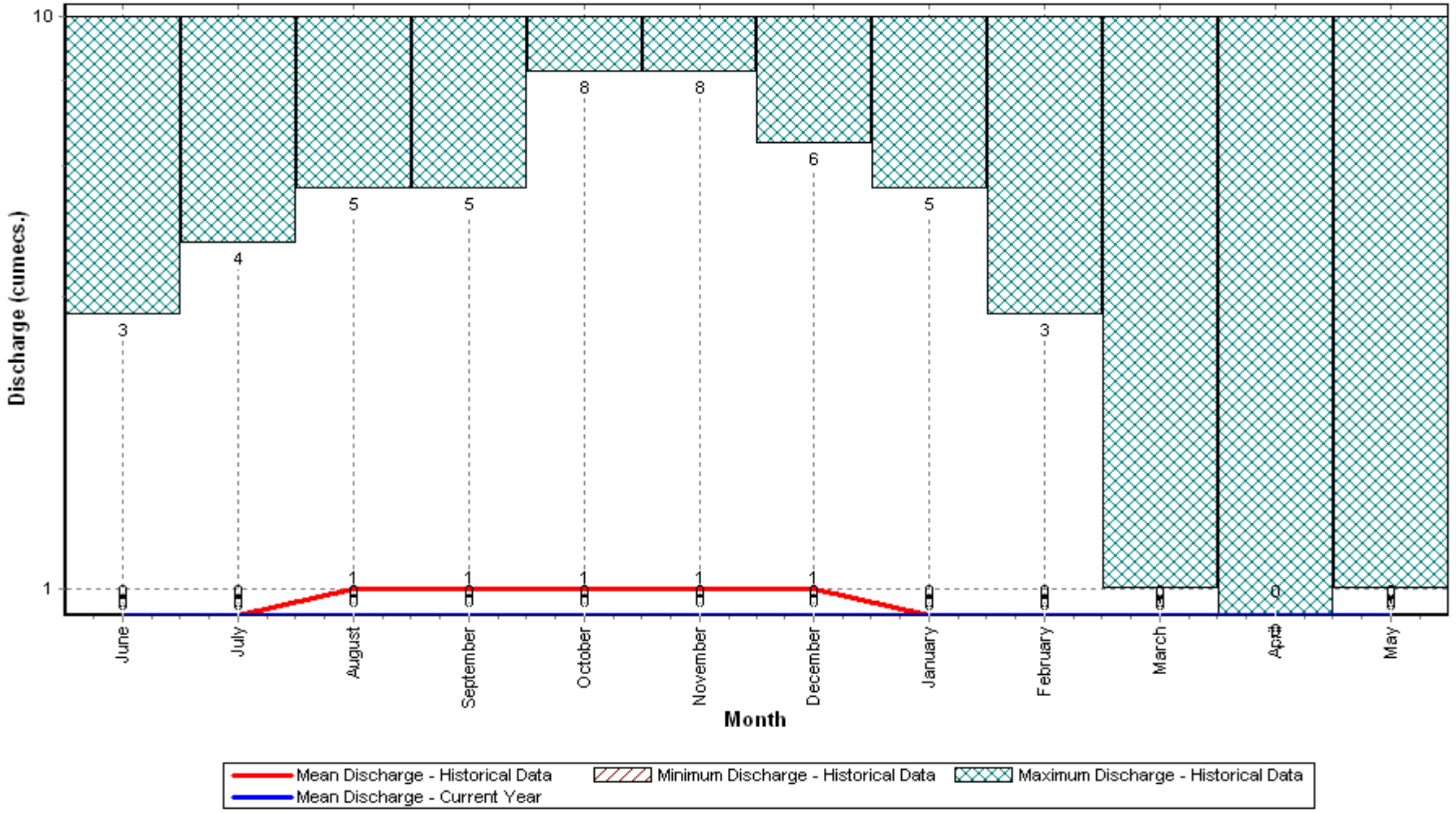
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Peralam (CCA22S5) | **Data considered : 1999-2018** | **Division : Hydrology Division, Chennai**

Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**



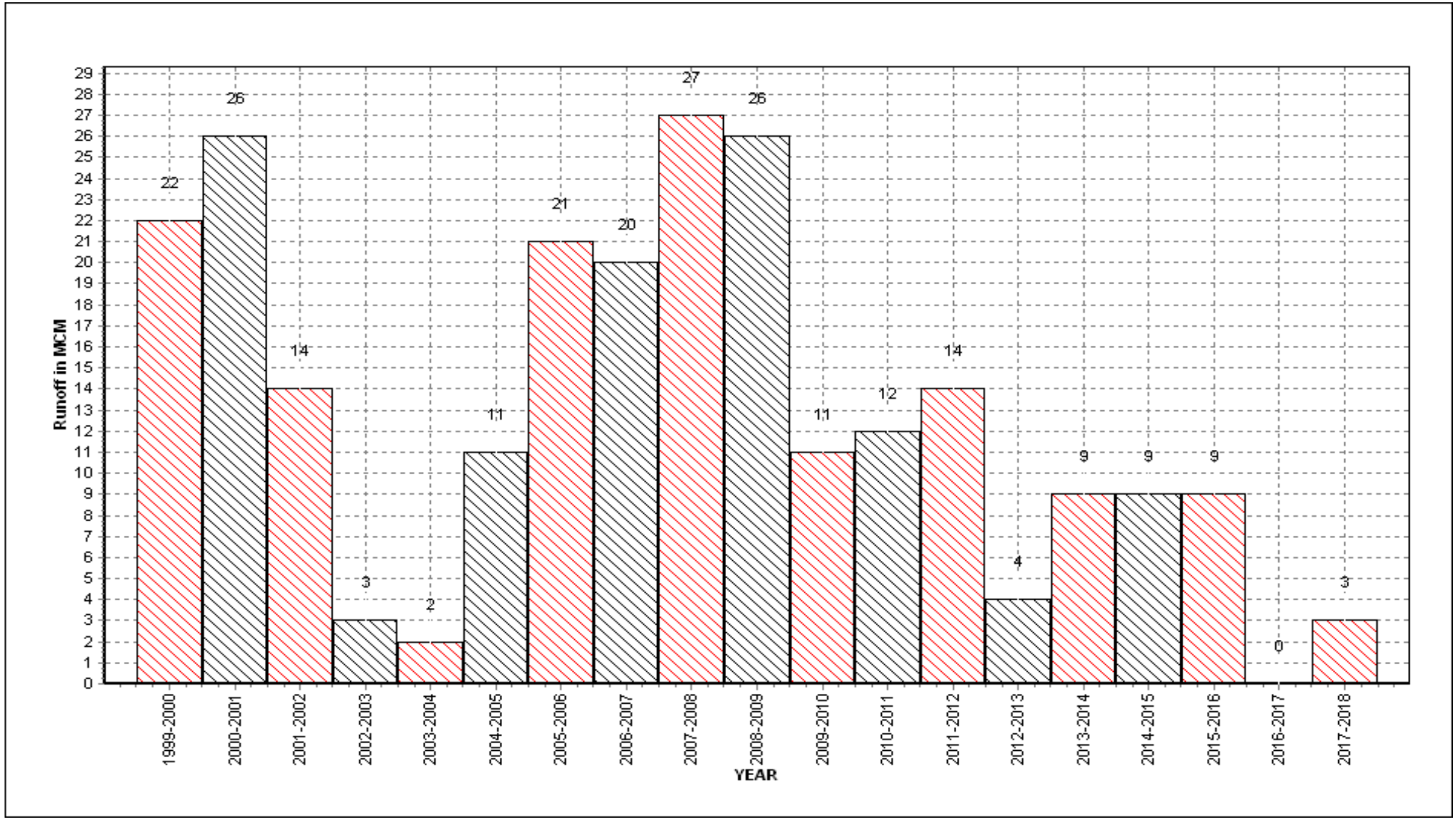
Annual Runoff Values for the period: 1999 - 2018

Station Name : Peralam (CCA22S5)

Division : Hydrology Division, Chennai

Local River : Cauvery

Sub-Division : Cauvery Delta SD, Karaikkal



Note: Missing values have not been considered while arriving at Annual Runoff

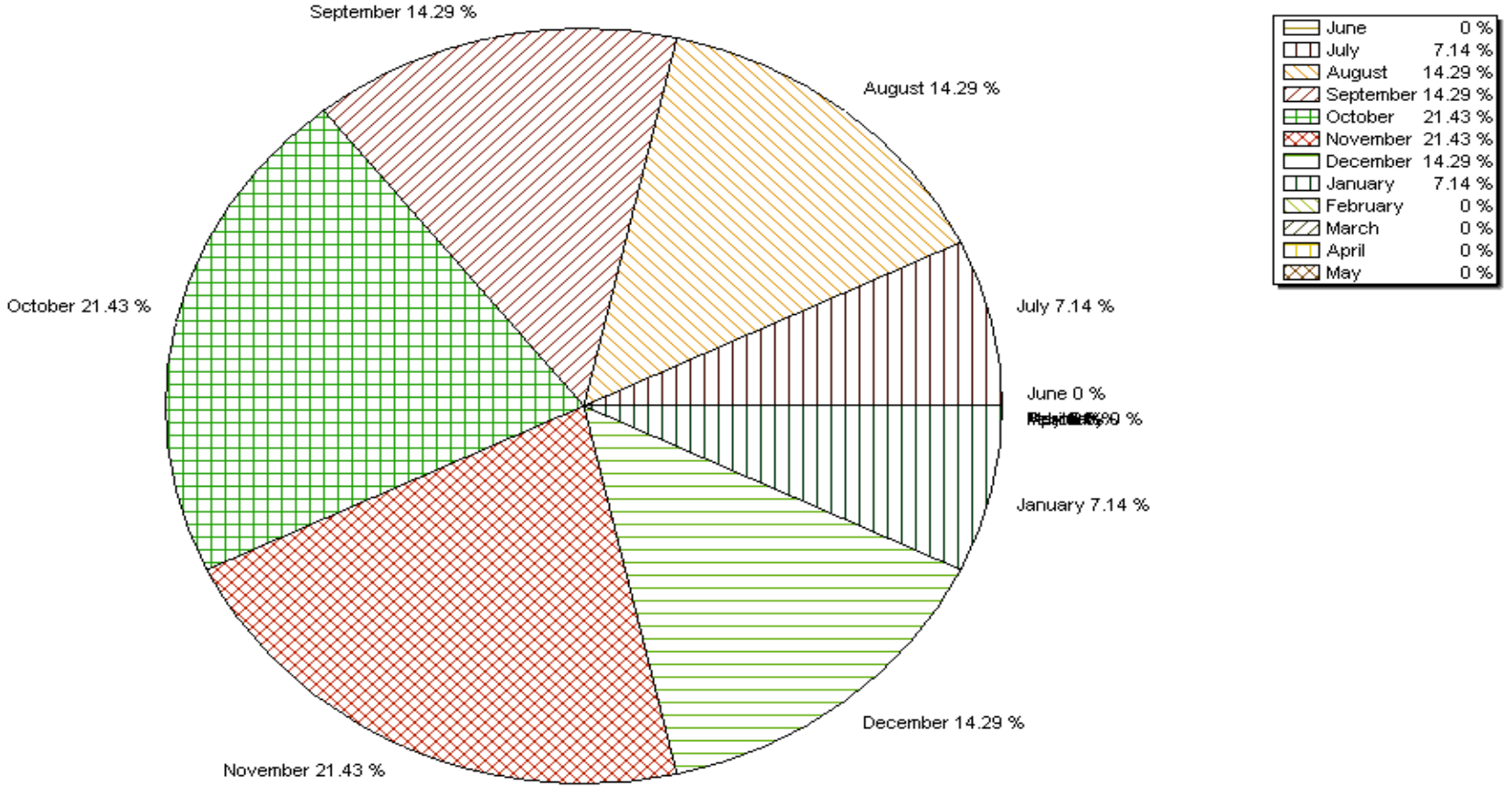
Monthly Average Runoff based on period : 1999-2017

Station Name : Peralam (CCA22S5)

Division : Hydrology Division, Chennai

Local River : Cauvery

Sub-Division : Cauvery Delta SD, Karaikkal



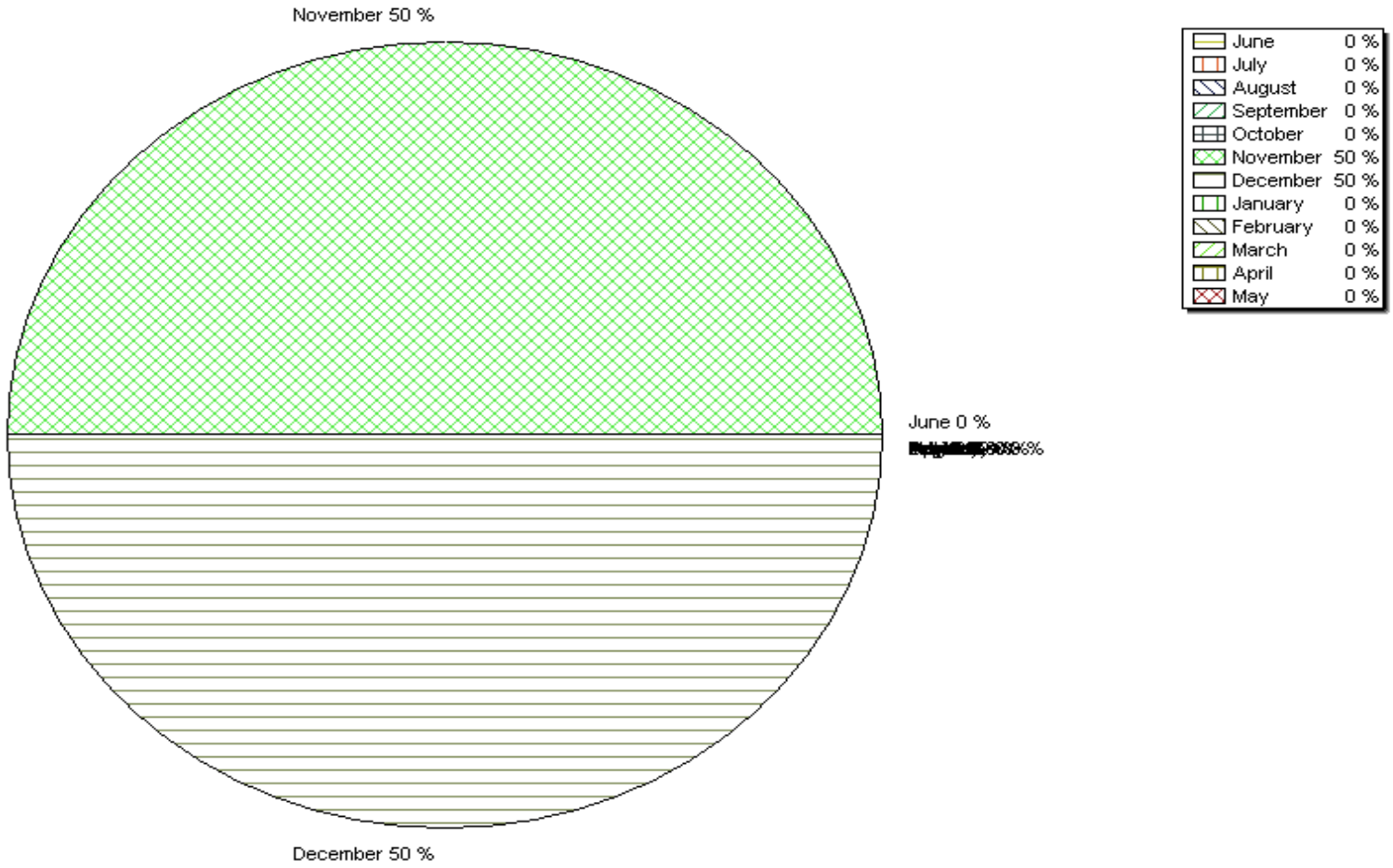
Monthly Runoff for the Year : 2017-2018

Station Name : Peralam (CCA22S5)

Division : Hydrology Division, Chennai

Local River : Cauvery

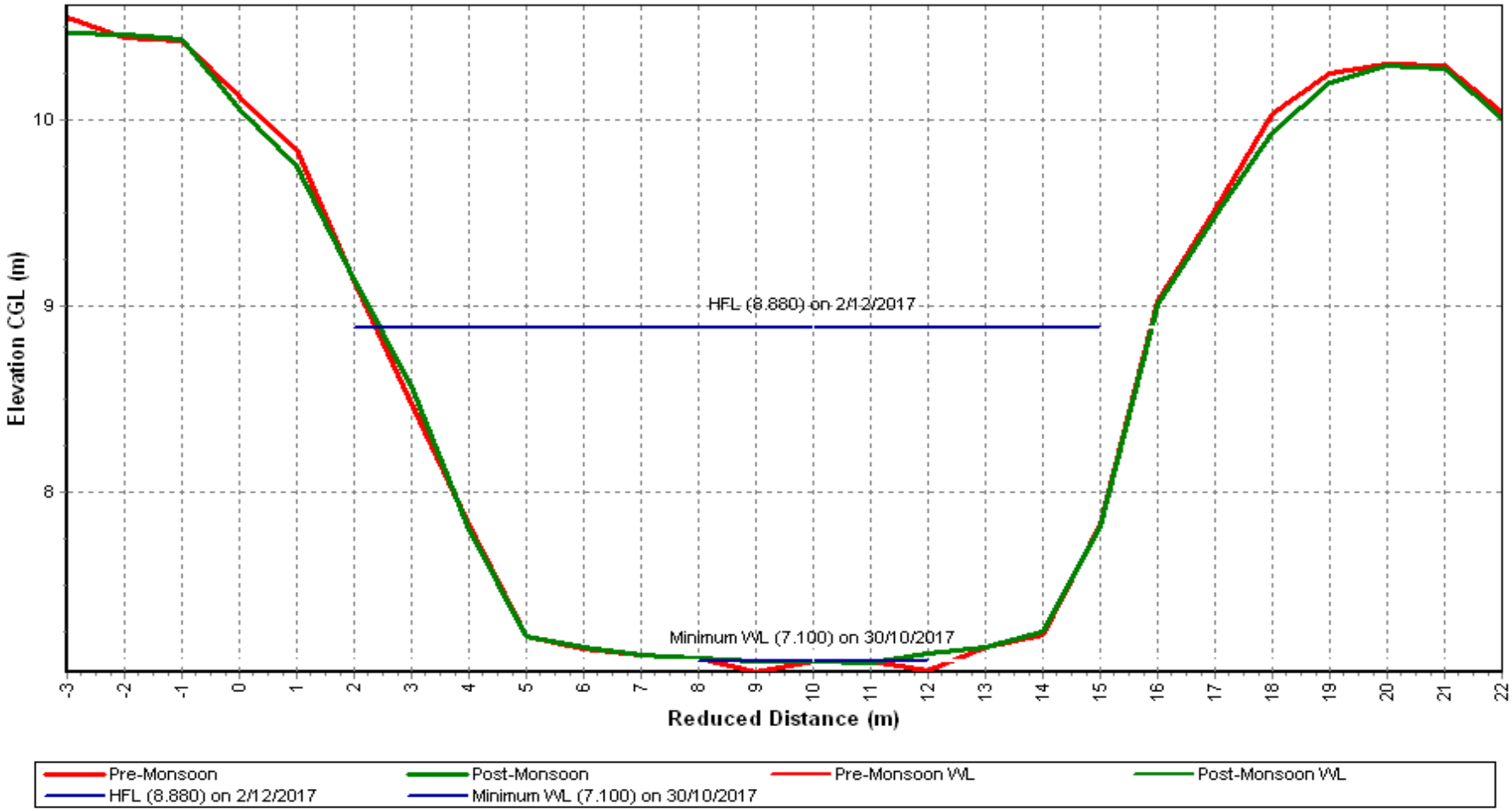
Sub-Division : Cauvery Delta SD, Karaikkal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

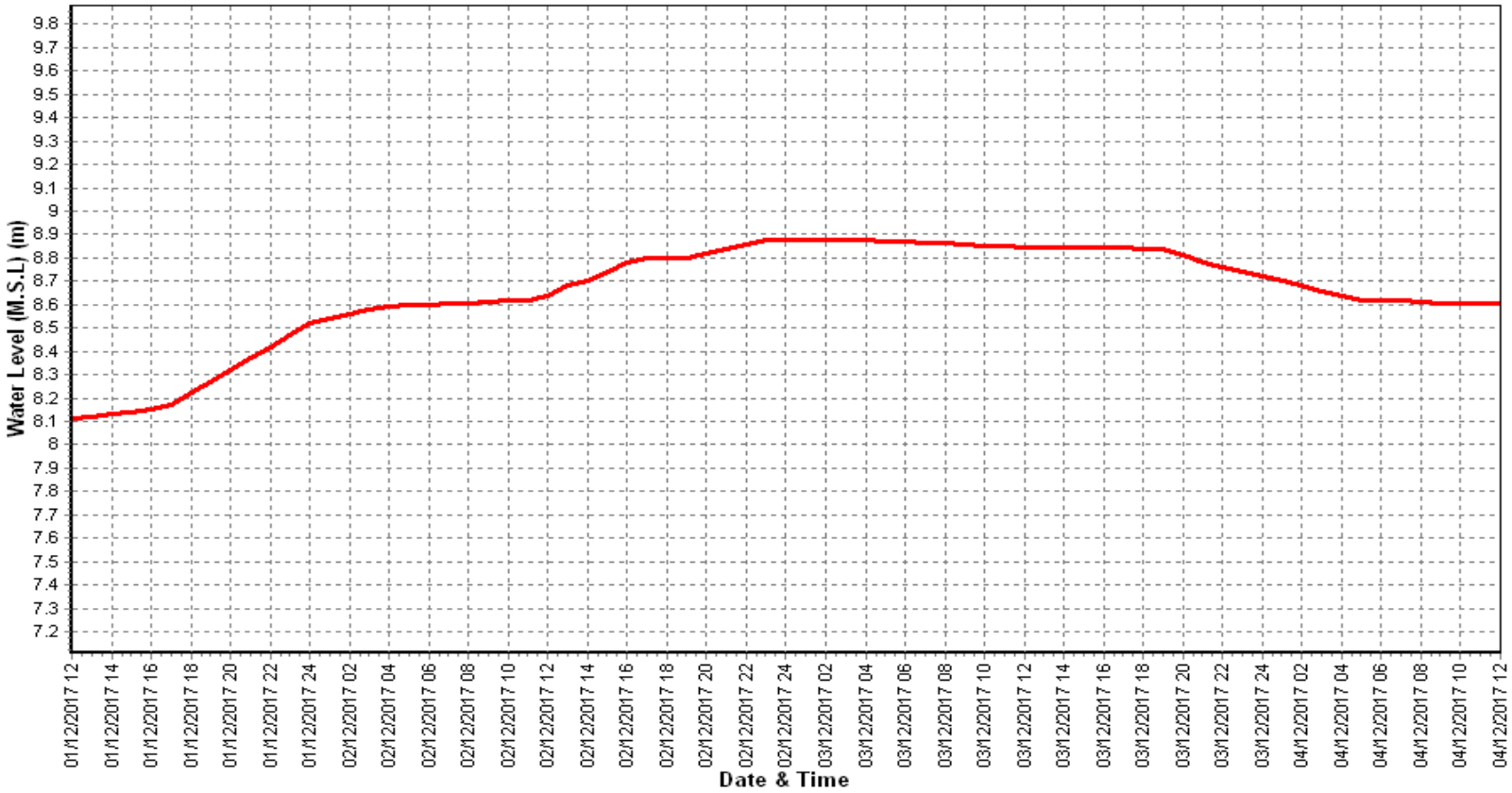
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

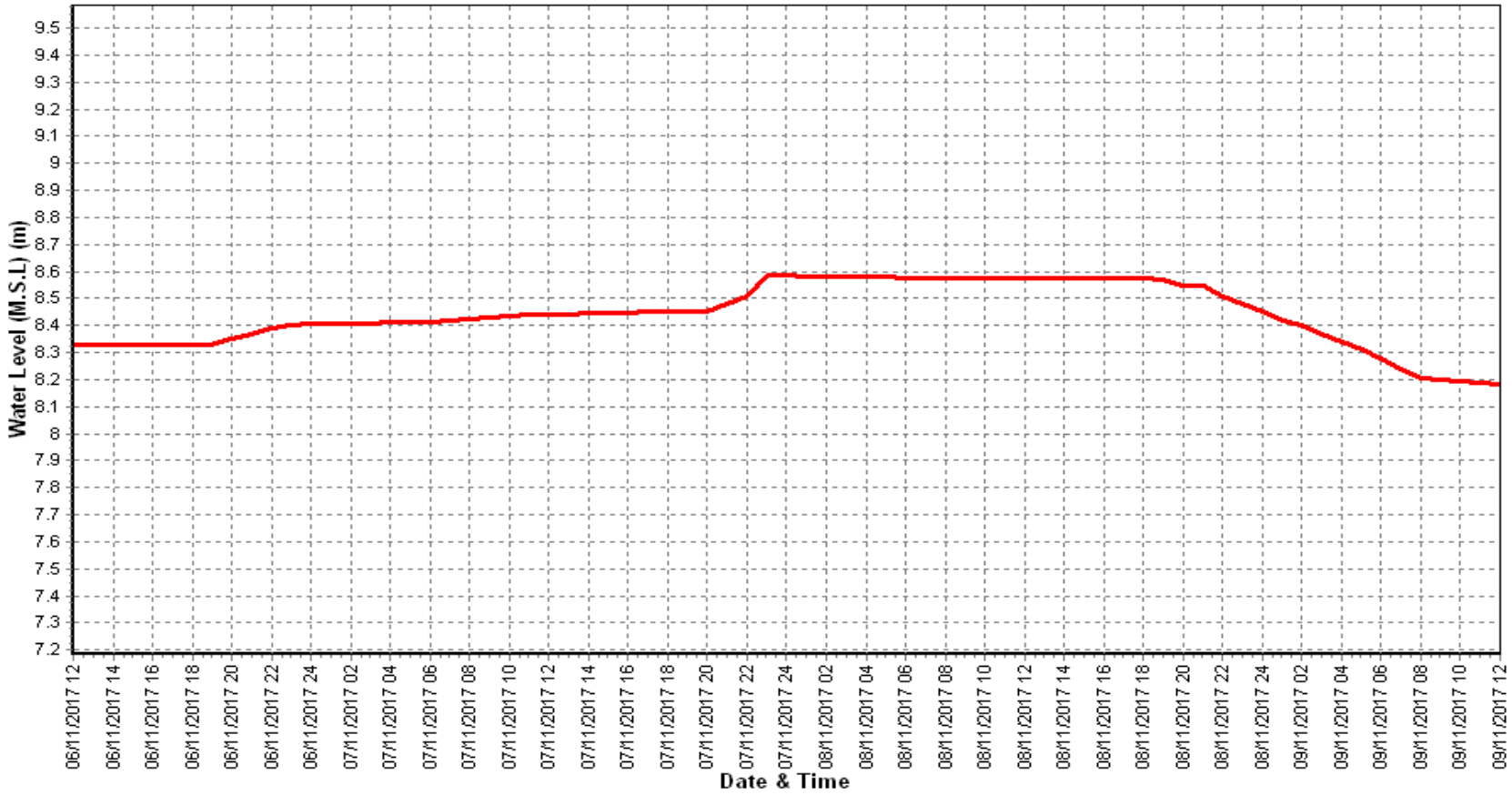


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

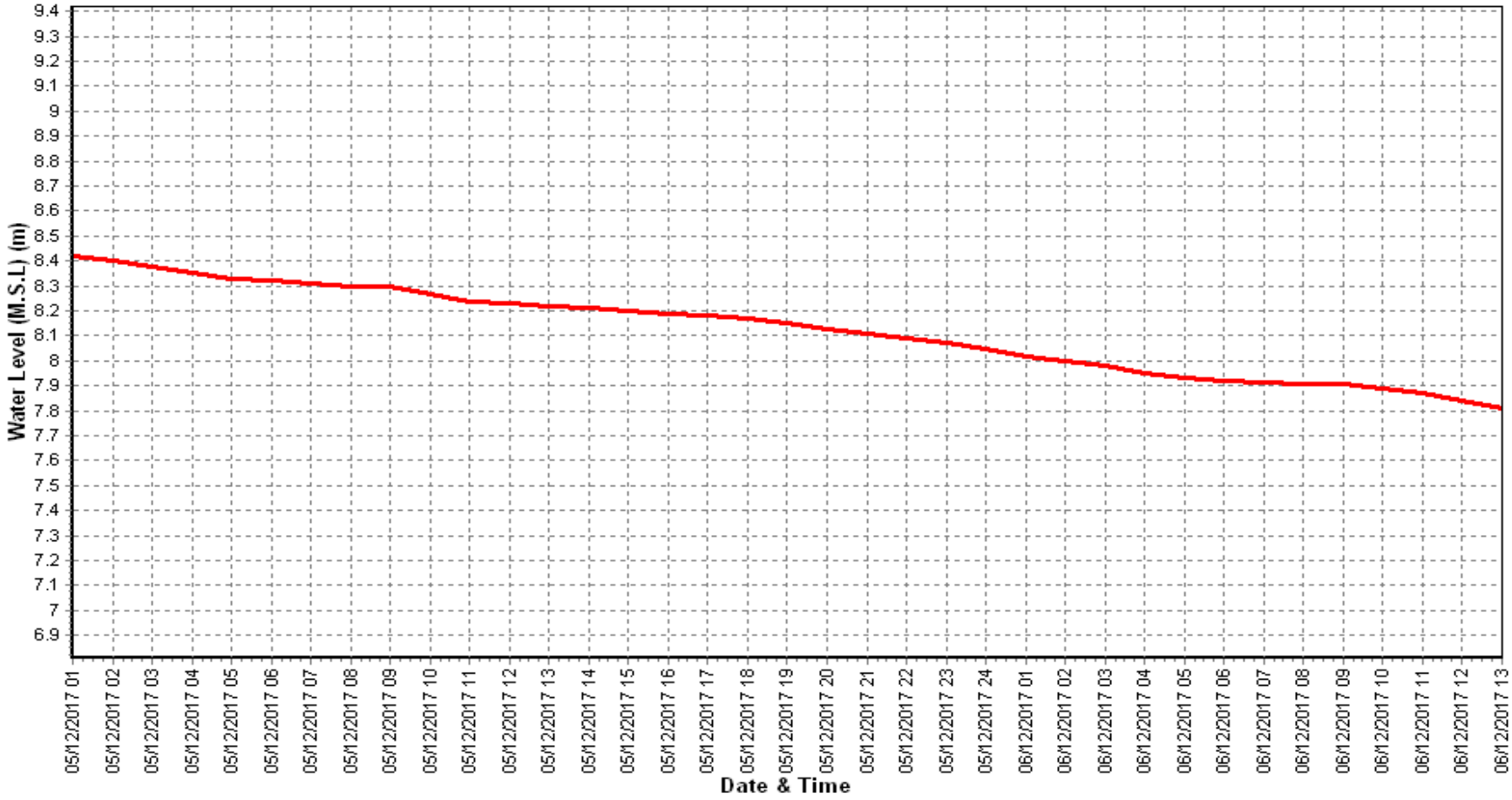


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Peralam (CCA22S5) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Thengudi**	**Code**	:	**CCA31N6**
State	:	Tamil Nadu	District		Tiruvarur
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Thirumalairajanar
Division	:	Hydrology Division, Chennai	Sub-Division	:	Cauvery Delta SD, Karaikal
Drainage Area	:	Sq. Km.	Bank	:	Right
Latitude	:	10°55'00"	Longitude	:	79°38'20"
Zero of Gauge (m)	:	5.000 (m.s.l)	06-03-1997		
		Opening Date	Closing Date		
Gauge	:	06-03-1997			
Discharge	:	02-07-1997			
Sediment	:	07-11-2003			
Water Quality	:	01-09-2005			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1998-1999	66.47	9.110	11-12-1998	0.000	Dry Bed	01-06-1998
1999-2000	56.47	8.350	23-11-1999	0.000	Dry Bed	01-06-1999
2000-2001	80.91	8.530	22-11-2000	0.000	Dry Bed	01-06-2000
2001-2002	56.35	8.550	03-02-2002	0.000	Dry Bed	01-06-2001
2002-2003	38.70	7.895	01-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	24.69	7.700	10-11-2003	0.000	Dry Bed	01-06-2003
2004-2005	75.01	8.950	31-10-2004	0.000	Dry Bed	01-06-2004
2005-2006	82.60	8.735	09-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	41.87	8.510	27-10-2006	0.000	Dry Bed	01-06-2006
2007-2008	88.14	8.805	20-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	89.73	9.620	28-11-2008	0.000	5.880	01-06-2008
2009-2010	68.08	8.855	09-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	68.87	8.650	29-11-2010	0.000	Dry Bed	01-06-2010
2011-2012	36.63	8.680	27-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	40.12	7.753	01-11-2012	0.000	5.775	01-06-2012
2013-2014	32.88	7.923	07-11-2013	0.000	Dry Bed	01-06-2013
2014-2015	54.46	8.585	21-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	39.39	8.380	05-12-2015	0.000	5.820	01-06-2015
2016-2017	7.901	6.950	28-01-2017	0.000	5.665	15-06-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	2017-201	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000	6.830	0.000	7.185	8.239 #
2		0.000		0.000		0.000		0.000	6.910	0.000	7.488	14.48
3		0.000		0.000		0.000		0.000	6.870	0.000	7.728	17.48
4		0.000		0.000		0.000		0.000	6.760	0.000	7.820	17.89 *
5		0.000		0.000		0.000		0.000	6.685	0.000	8.140	24.07 *
6		0.000		0.000		0.000		0.000	5.990	0.000	8.090	26.90
7		0.000		0.000		0.000		0.000	5.935	0.000	7.988	19.93
8		0.000		0.000		0.000		0.000	5.905	0.000	7.793	15.93
9		0.000		0.000		0.000		0.000	5.840	0.000	7.468	12.47
10		0.000		0.000		0.000		0.000	5.780	0.000	7.063	8.609
11		0.000		0.000		0.000		0.000	5.740	0.000	6.865	3.941
12		0.000		0.000		0.000		0.000	5.700	0.000	6.690	3.360 *
13		0.000		0.000		0.000		0.000	5.675	0.000	6.478	2.012
14		0.000		0.000	5.940	0.000		0.000	5.650	0.000	6.460	1.688
15		0.000		0.000	5.925	0.000		0.000	5.950	0.000	6.275	0.906
16		0.000		0.000	5.980	0.000		0.000	6.075	0.167	6.408	1.667
17		0.000		0.000	5.930	0.000		0.000	5.990	0.070	6.478	2.056
18		0.000		0.000	5.820	0.000		0.000	5.950	0.000	6.395	1.451
19		0.000		0.000	5.730	0.000		0.000	5.970	0.000	6.250	0.722 *
20		0.000		0.000	5.655	0.000		0.000	5.945	0.000	6.188	0.451
21		0.000		0.000	5.620	0.000		0.000	6.160	0.323 *	6.158	0.395
22		0.000		0.000		0.000		0.000	6.500	1.889 *	6.168	0.357
23		0.000		0.000		0.000		0.000	6.763	4.046	6.103	0.243
24		0.000		0.000		0.000		0.000	6.925	7.212	6.048	0.159
25		0.000		0.000		0.000		0.000	6.915	6.892	6.045	0.140
26		0.000		0.000		0.000		0.000	6.810	4.455	6.120	0.300 *
27		0.000		0.000		0.000		0.000	6.665	2.923	6.405	1.511
28		0.000		0.000		0.000	6.710	0.000	6.443	1.566	6.630	2.590
29		0.000		0.000		0.000	6.920	0.000	6.380	1.176 *	7.095	6.112
30		0.000		0.000		0.000	6.805	0.000	6.278	0.678	7.468	10.44
31				0.000		0.000			6.543	1.927		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000	6.350	0.000	7.676	16.60
II Ten-Daily		0.000		0.000	5.854	0.000		0.000	5.865	0.024	6.449	1.826
III Ten-Daily		0.000		0.000	5.620	0.000	6.812	0.000	6.580	3.008	6.424	2.225
Monthly												
Min.		0.000		0.000	5.620	0.000	6.710	0.000	5.650	0.000	6.045	0.140
Max.		0.000		0.000	5.980	0.000	6.920	0.000	6.925	7.212	8.140	26.90
Mean		0		0	5.825	0	6.812	0	6.275	1.075	6.849	6.883

Annual Runoff in MCM = 36 Annual Runoff in mm =

Peak Observed Discharge = 27.66 cumecs on 04/12/2017 Corres. Water Level :8.26 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	7.710	16.66	6.130	0.319	6.125	0.331		0.000		0.000		0.000
2	7.850	20.86 *	6.150	0.392	6.193	0.489		0.000		0.000		0.000
3	8.025	24.65 *	6.153	0.431	6.118	0.265		0.000		0.000		0.000
4	8.260	27.66	6.118	0.338	6.045	0.141 *		0.000		0.000		0.000
5	8.240	27.52	6.085	0.258	6.010	0.088		0.000		0.000		0.000
6	7.708	17.13	6.113	0.299	5.980	0.060		0.000		0.000		0.000
7	7.315	11.59	6.050	0.150 *	5.975	0.043		0.000		0.000		0.000
8	6.893	4.708	6.088	0.270	5.985	0.049		0.000		0.000		0.000
9	6.610	2.584	6.195	0.496	5.980	0.035		0.000		0.000		0.000
10	6.400	1.493 *	6.163	0.480	5.975	0.034		0.000		0.000		0.000
11	6.360	1.628	6.345	1.112	5.840	0.000		0.000		0.000		0.000
12	6.318	1.225	6.445	1.797	5.620	0.000		0.000		0.000		0.000
13	6.278	0.867	6.398	1.574	5.570	0.000		0.000		0.000		0.000
14	6.250	0.855	6.320	1.067 *	5.575	0.000		0.000		0.000		0.000
15	6.208	0.650	6.238	0.790	5.570	0.000		0.000		0.000		0.000
16	6.153	0.393	6.150	0.427		0.000		0.000		0.000		0.000
17	6.145	0.380 *	6.133	0.399		0.000		0.000		0.000		0.000
18	6.183	0.456	6.098	0.237		0.000		0.000		0.000		0.000
19	6.160	0.448	6.075	0.206		0.000		0.000		0.000		0.000
20	6.155	0.430	6.040	0.145		0.000		0.000		0.000		0.000
21	6.110	0.300	6.050	0.150 *		0.000		0.000		0.000		0.000
22	6.135	0.393	6.030	0.091		0.000		0.000		0.000		0.000
23	6.090	0.271	6.010	0.084 #		0.000		0.000		0.000		0.000
24	6.095	0.247 *	5.993	0.050		0.000		0.000		0.000		0.000
25	6.080	0.212 *	5.980	0.043		0.000		0.000		0.000		0.000
26	6.183	0.366	6.010	0.084 *		0.000		0.000		0.000		0.000
27	6.230	0.622	6.030	0.091		0.000		0.000		0.000		0.000
28	6.153	0.429	6.040	0.132 *		0.000		0.000		0.000		0.000
29	6.133	0.385	6.153	0.429				0.000		0.000		0.000
30	6.105	0.305	6.198	0.572				0.000		0.000		0.000
31	6.090	0.235 *	6.130	0.340				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	7.501	15.49	6.124	0.343	6.038	0.153		0.000		0.000		0.000
II Ten-Daily	6.221	0.733	6.224	0.775	5.635	0.000		0.000		0.000		0.000
III Ten-Daily	6.127	0.342	6.057	0.188		0.000		0.000		0.000		0.000
Monthly												
Min.	6.080	0.212	5.980	0.043	5.570	0.000		0.000		0.000		0.000
Max.	8.260	27.66	6.445	1.797	6.193	0.489		0.000		0.000		0.000
Mean	6.601	5.353	6.132	0.427	5.904	0.055		0		0		0

Peak Computed Discharge = 24.65 cumecs on 03/12/2017 **Corres. Water Level :8.025 m**

Lowest Computed Discharge = 0.084 cumecs on 26/01/2018 **Corres. Water Level :6.01 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

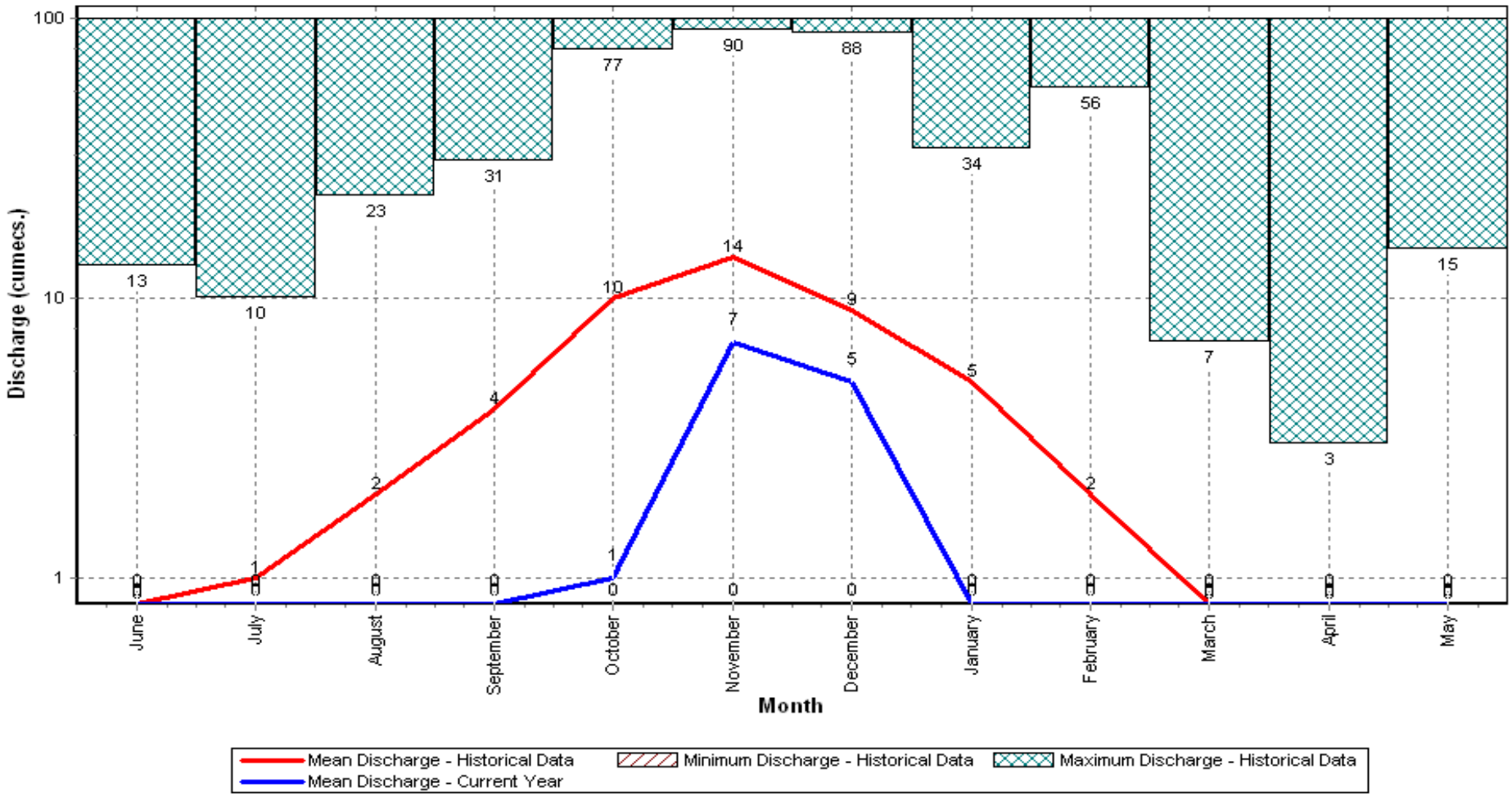
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Thengudi (CCA31N6) | **Data considered : 1999-2018** | **Division : Hydrology Division, Chennai**

Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**



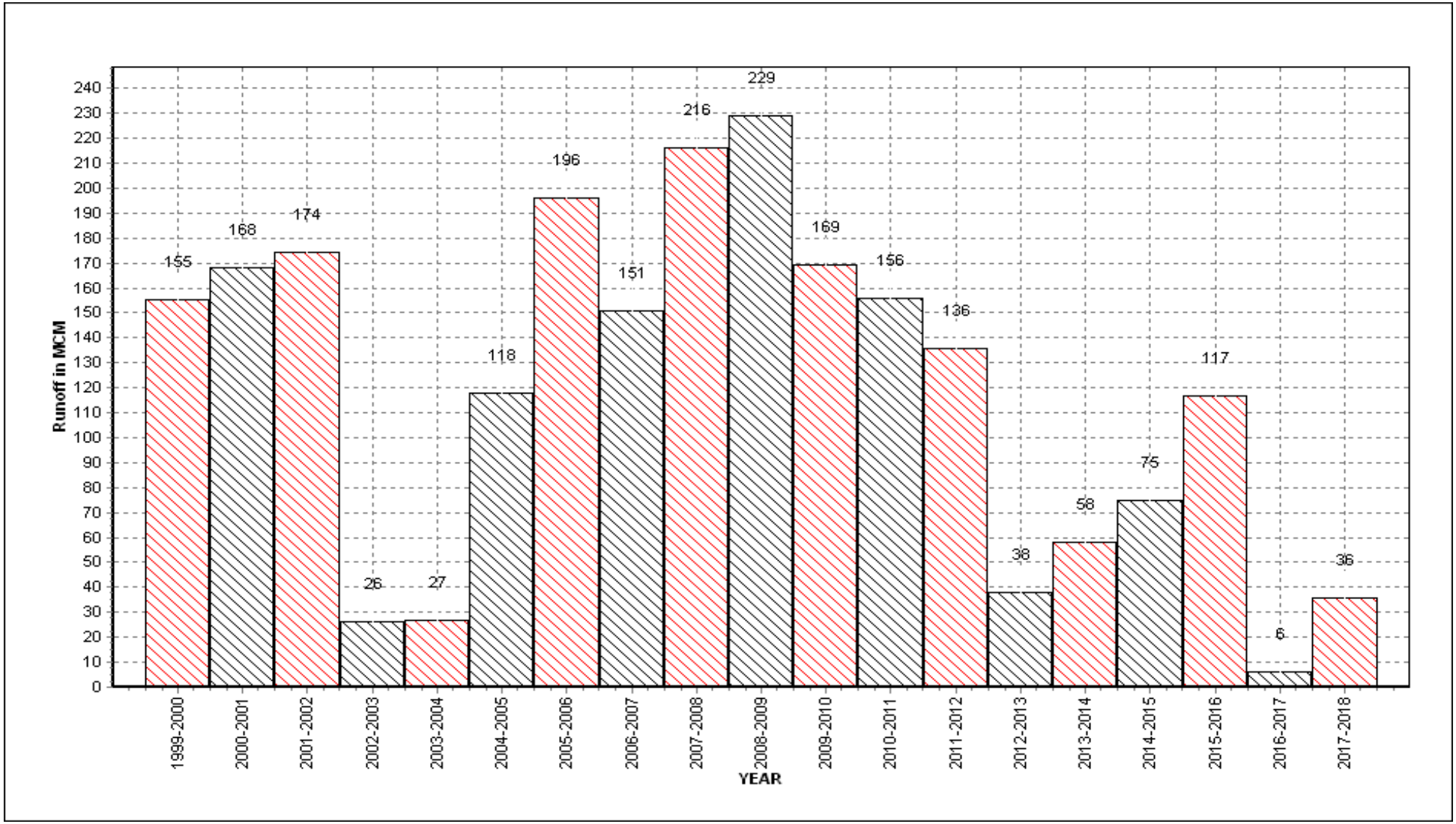
Annual Runoff Values for the period: 1999 - 2018

Station Name : Thengudi (CCA31N6)

Local River : Cauvery

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikkal



Note: Missing values have not been considered while arriving at Annual Runoff

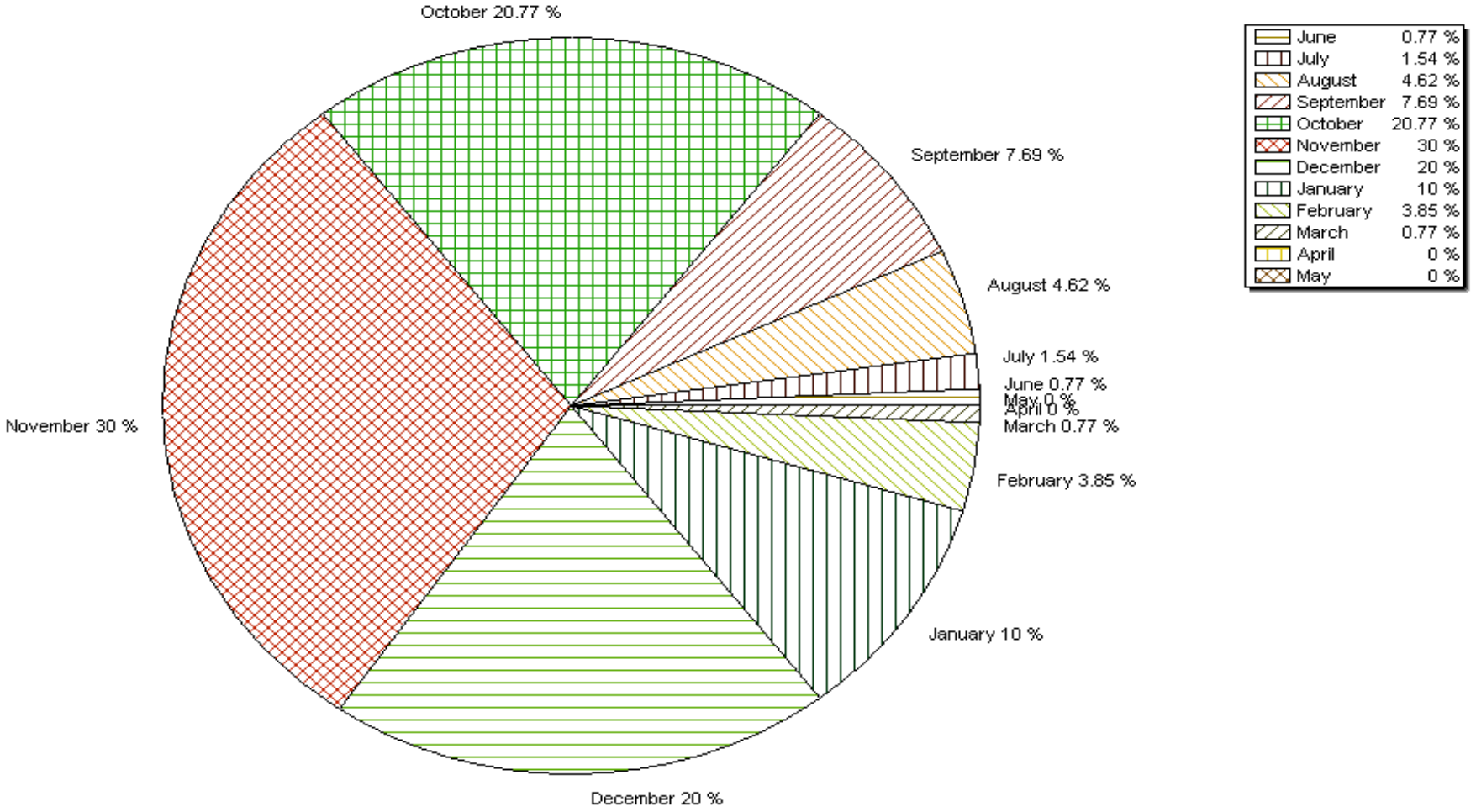
Monthly Average Runoff based on period : 1999-2017

Station Name : Thengudi (CCA31N6)

Local River : Cauvery

Division : Hydrology Division, Chennai

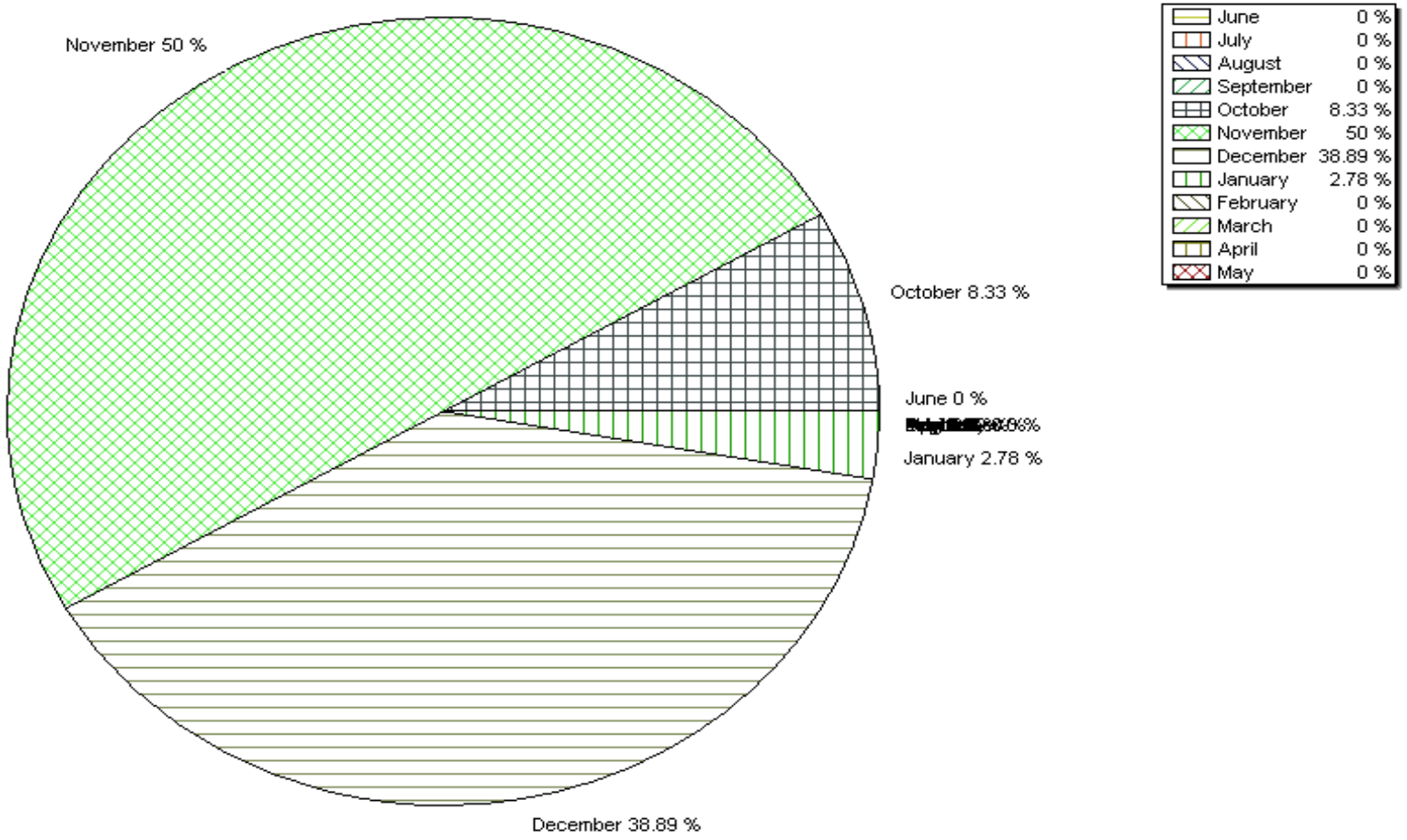
Sub-Division : Cauvery Delta SD, Karaikkal



Monthly Runoff for the Year : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

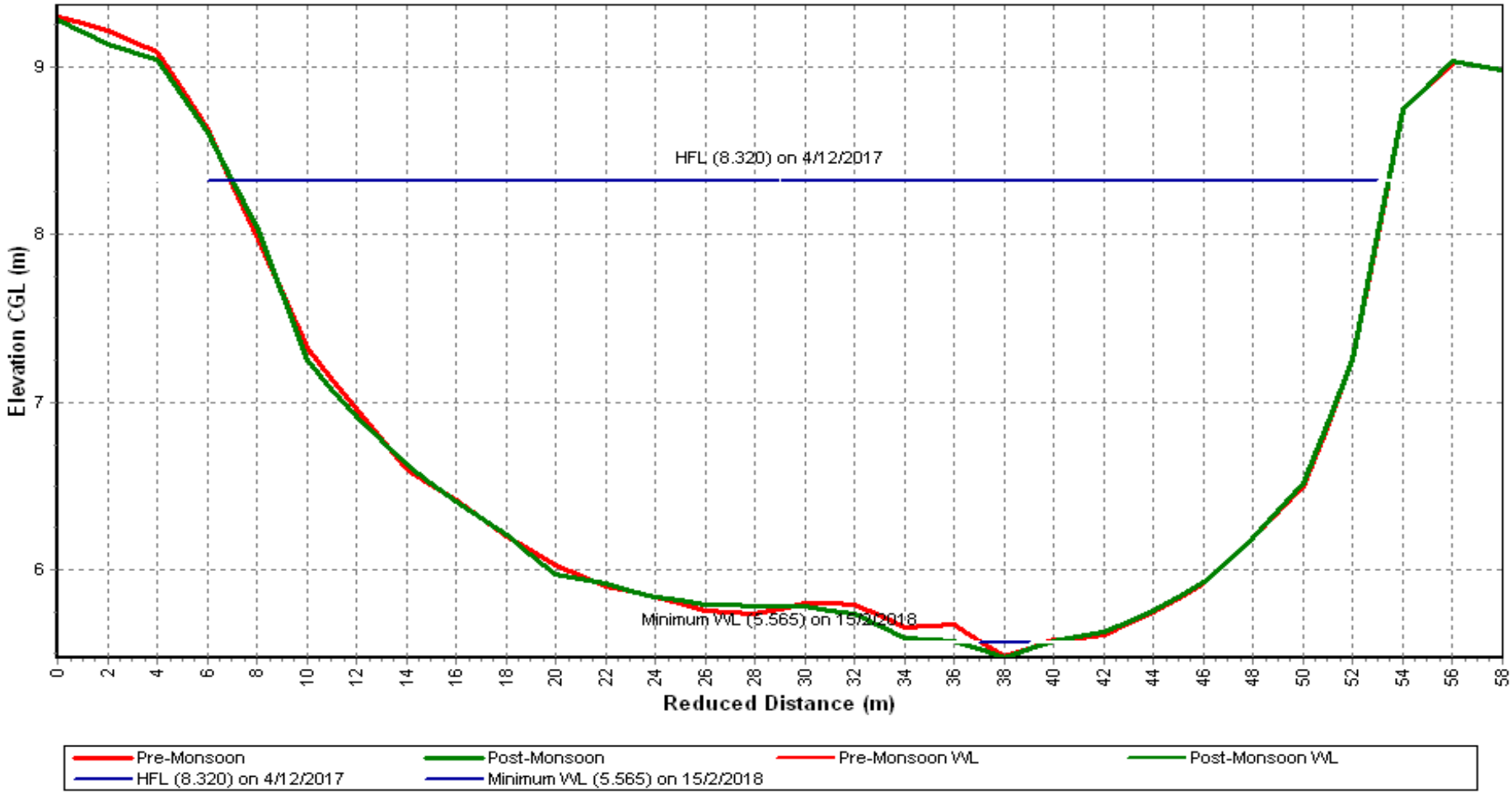
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

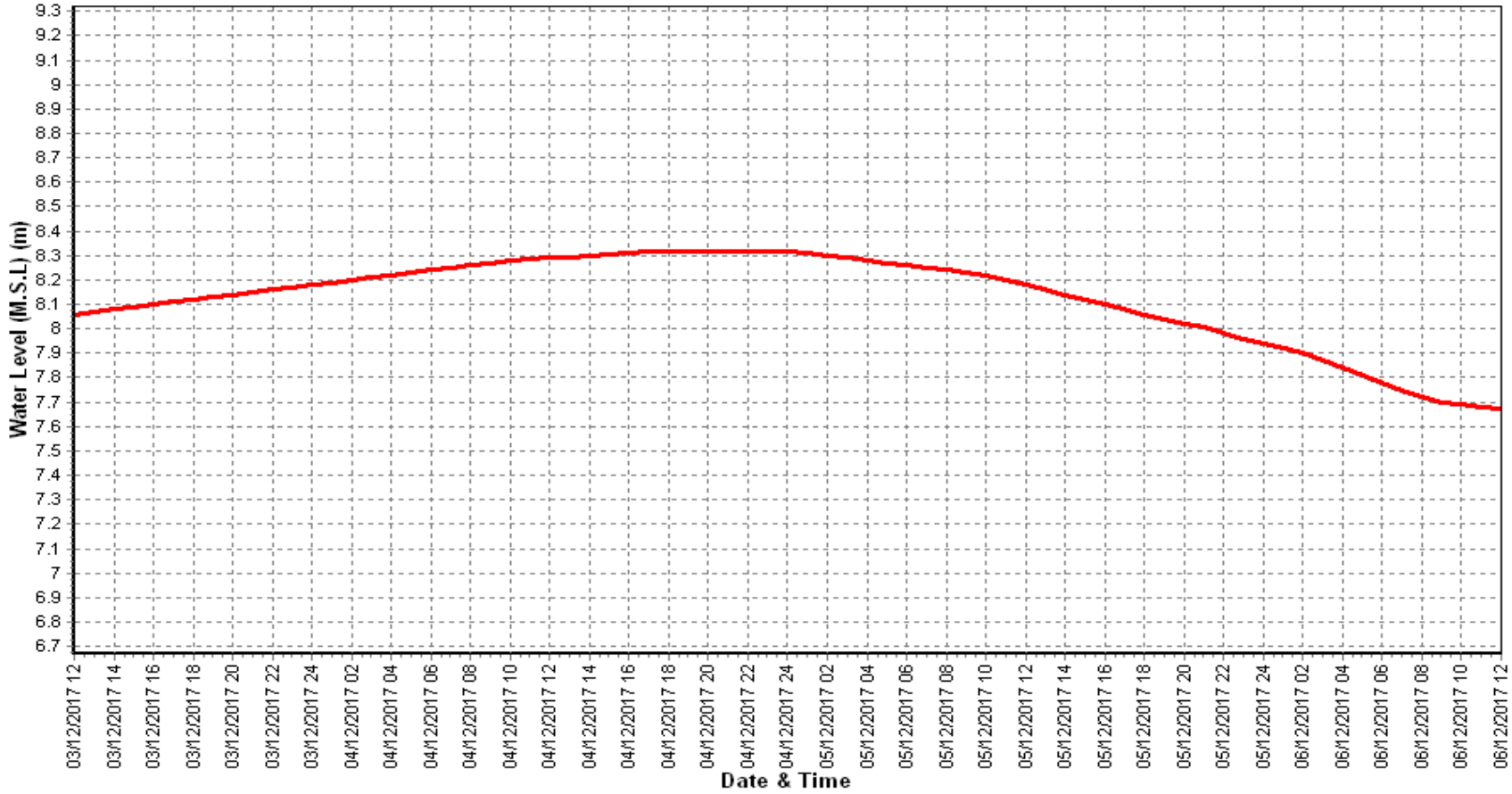
Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

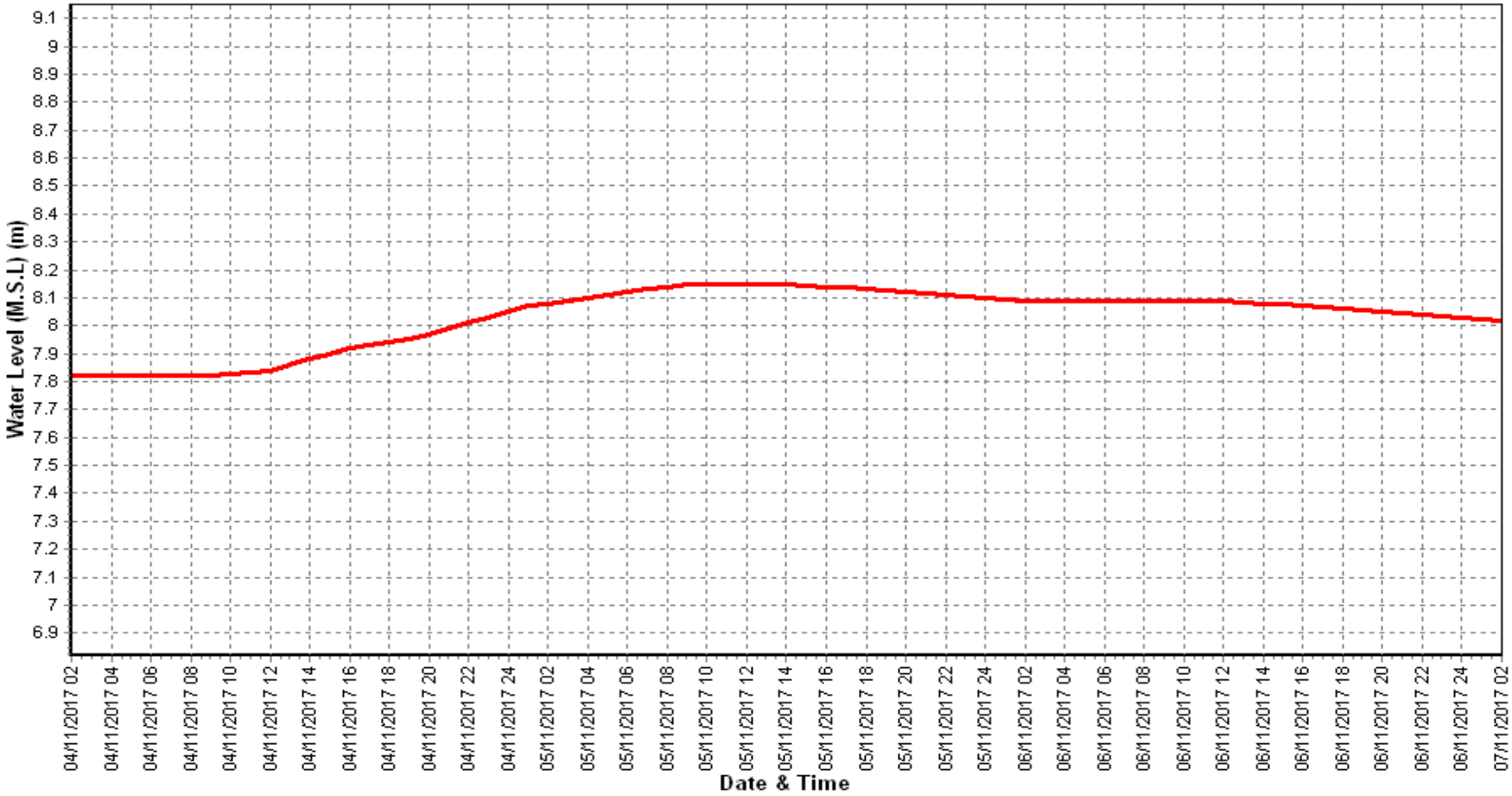


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

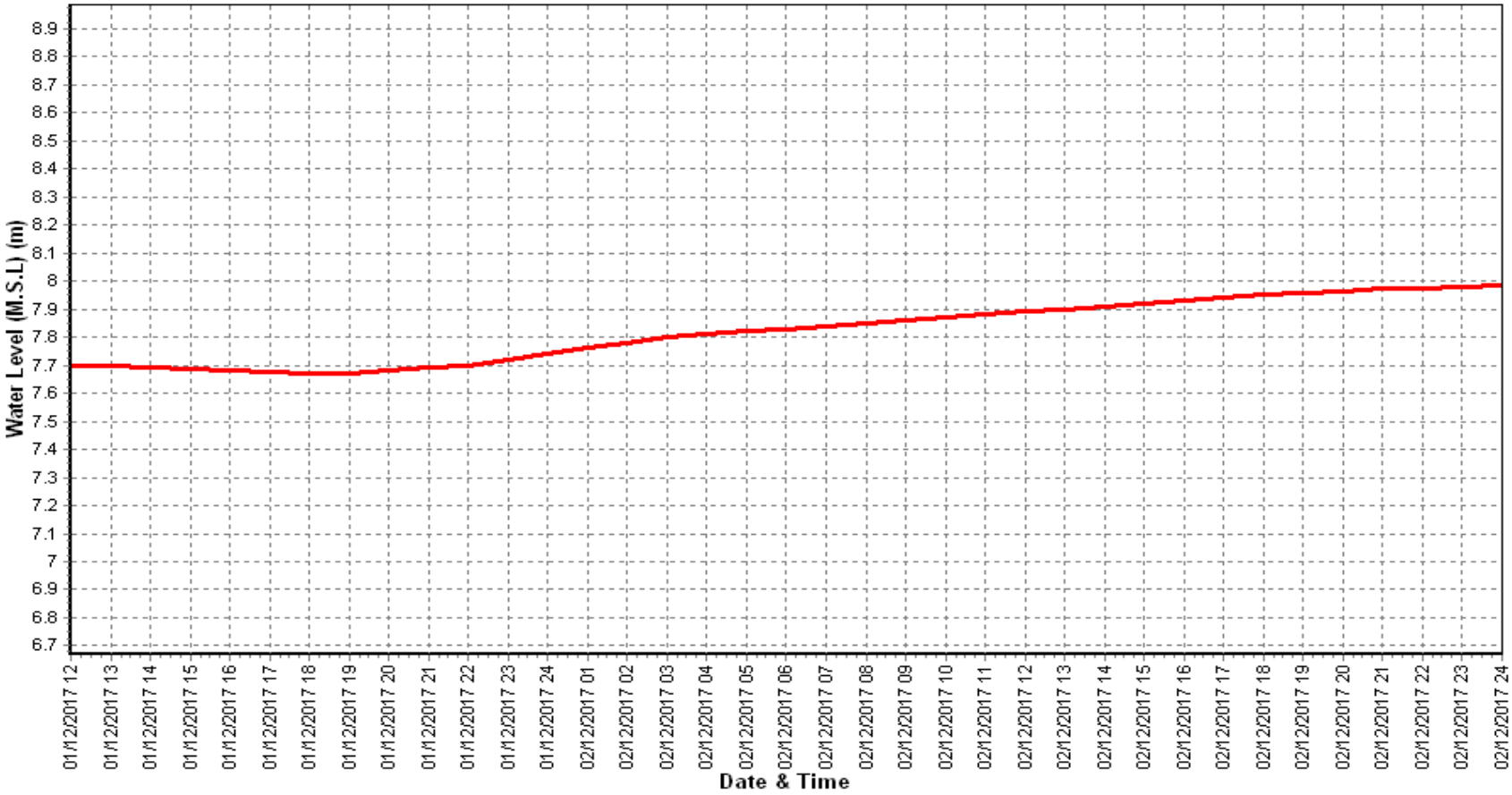


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**MUSIRI**	**Code**	:	**CC000G4**
State	:	Tamil Nadu	District		Thiruchirapalli
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	-	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	:	SR Division, Coimbatore	Sub-Division	:	Lower Cauvery SD, Trichi
Drainage Area	:	66243 Sq. Km.	Bank	:	Left
Latitude	:	10°56'36"	Longitude	:	78°26'06"
Zero of Gauge (m)	:	82.000 (m.s.l)	26-02-1971		
		Opening Date	Closing Date		
Gauge	:	26-02-1971			
Discharge	:	01-06-1972			
Sediment	:	31-03-1973			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1973-1974	2115	84.455	15-10-1973	4.900	83.005	30-04-1974
1974-1975	1334	84.580	16-09-1974	1.200	82.825	24-04-1975
1975-1976	2494	85.265	23-09-1975	2.200	82.845	16-06-1975
1976-1977	590.4	84.220	18-08-1976	2.900	83.200	28-05-1977
1977-1978	4510	86.175	13-11-1977	2.500	83.200	26-06-1977
1978-1979	3595	85.313	06-11-1978	5.200	83.110	23-05-1979
1979-1980	4050	86.050	20-11-1979	4.600	83.100	29-03-1980
1980-1981	4383	85.825	07-07-1980	5.500	83.000	16-05-1981
1981-1982	4150	85.800	13-09-1981	4.000	82.910	14-04-1982
1982-1983	665.6	84.145	16-09-1982	2.000	83.055	13-02-1983
1983-1984	1012	84.515	25-12-1983	1.000	83.140	03-07-1983
1984-1985	967.7	84.530	28-10-1984	6.500	83.120	18-04-1985
1985-1986	556.0	84.190	27-09-1985	4.200	83.070	26-03-1986
1986-1987	697.8	84.300	09-10-1986	2.500	83.060	09-06-1986
1987-1988	533.2	84.250	21-11-1987	0.350	83.030	12-07-1987
1988-1989	778.9	84.390	12-10-1988	2.714	83.220	17-06-1988
1989-1990	684.8	84.325	18-09-1989	0.491	83.040	28-06-1989
1990-1991	636.3	84.180	10-09-1990	1.789	83.160	05-07-1990
1991-1992	1856	85.033	18-11-1991	0.449	83.170	29-05-1992

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1992-1993	2456	85.239	23-08-1992	7.662	83.245	01-06-1992
1993-1994	6400	86.065	10-11-1993	2.102	83.020	03-06-1993
1994-1995	2561	85.380	03-08-1994	2.707	82.850	19-05-1995
1995-1996	668.7	84.200	22-10-1995	4.897	83.135	17-05-1996
1996-1997	796.2	84.270	11-10-1996	7.000	82.940	18-04-1997
1997-1998	1477	84.750	08-12-1997	16.46	83.130	05-06-1997
1998-1999	981.2	84.480	13-12-1998	6.500	83.090	30-05-1999
1999-2000	1324	84.650	25-11-1999	4.400	82.940	21-05-2000
2000-2001	4232	85.845	12-10-2000	4.218	83.050	25-03-2001
2001-2002	638.4	84.080	20-07-2001	1.003	82.940	08-04-2002
2002-2003	453.7	83.930	25-12-2002	0.000	82.640	19-05-2003
2003-2004	594.2	84.005	13-10-2003	0.000	Dry Bed	08-05-2004
2004-2005	632.3	83.985	16-10-2004	0.000	Dry Bed	30-06-2004
2005-2006	7690	86.650	25-10-2005	0.632	82.760	26-06-2005
2006-2007	1717	84.640	21-08-2006	4.491	82.650	20-05-2007
2007-2008	3940	85.750	13-08-2007	2.858	82.590	02-03-2008
2008-2009	984.9	83.960	23-10-2008	3.349	82.630	31-05-2009
2009-2010	1283	84.020	14-10-2009	3.179	82.610	19-06-2009
2010-2011	870.6	83.900	24-11-2010	4.160	82.560	03-06-2010
2011-2012	693.6	83.490	19-08-2011	10.57	81.810	10-05-2012
2012-2013	698.6	83.425	16-10-2012	0.000	81.260	28-04-2013
2013-2014	4023	84.700	06-08-2013	0.000	81.200	01-06-2013
2014-2015	751.7	82.730	24-08-2014	0.000	81.050	27-06-2014
2015-2016	683.9	82.380	06-11-2015	1.721	80.590	11-07-2015
2016-2017	499.6	82.120	15-10-2016	0.000	80.655	01-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	81.055	0.222	80.995	8.323 *	81.200	80.21
2	0.000	0.000	0.000	0.000	0.000	0.000	81.050	0.213 *	80.890	6.741 *	81.290	119.6
3	0.000	0.000	0.000	0.000	0.000	0.000	81.045	0.195 *	80.890	6.870	81.150	74.68
4	0.000	0.000	0.000	0.000	0.000	0.000	81.040	0.202	80.880	6.658	81.130	70.96 *
5	0.000	0.000	0.000	0.000	0.000	0.000	81.070	0.302	81.890	359.3	81.050	54.06 *
6	0.000	0.000	0.000	0.000	0.000	0.000	81.180	1.158	82.040	565.0	81.090	60.65
7	0.000	0.000	0.000	0.000	0.000	0.000	81.130	0.668	81.955	494.3	81.065	61.24
8	0.000	0.000	0.000	0.000	0.000	0.000	81.110	0.487	81.920	451.5 *	81.020	48.93
9	0.000	0.000	0.000	0.000	0.000	0.000	81.090	0.338	81.855	394.0	81.010	45.69
10	0.000	0.000	0.000	0.000	81.685	54.59 #	81.580	53.53 *	81.840	371.0	81.350	57.28
11	0.000	0.000	0.000	0.000	81.685	111.8	81.505	34.88	81.860	406.4	81.360	63.31
12	0.000	0.000	0.000	0.000	81.720	151.3	81.410	23.34	81.880	423.9	81.340	73.49 *
13	0.000	0.000	0.000	0.000	81.680	124.5 *	81.470	34.66	81.980	457.5	81.300	60.52
14	0.000	0.000	0.000	0.000	81.230	38.41 #	81.750	101.1	81.970	504.6	81.310	62.42
15	0.000	0.000	0.000	0.000	81.180	12.54 *	81.850	198.6 #	81.960	492.7 *	81.340	80.67
16	0.000	0.000	0.000	0.000	81.160	11.42	81.730	277.7	81.910	452.0	81.500	154.9
17	0.000	0.000	0.000	0.000	81.115	5.303	81.575	195.5 *	81.900	496.7	81.540	183.0
18	0.000	0.000	0.000	0.000	81.445	3.725 #	81.250	73.81	81.890	421.6 *	81.520	163.9
19	0.000	0.000	0.000	0.000	81.440	3.531	81.150	40.26	81.940	500.5	81.485	166.8 *
20	0.000	0.000	0.000	0.000	81.410	2.944 *	81.185	45.18	82.040	586.0	81.470	166.7
21	0.000	0.000	0.000	0.000	81.350	1.809	81.145	39.16	82.020	523.9	81.465	164.3
22	0.000	0.000	0.000	0.000	81.300	1.614	81.130	31.95	82.000	535.6 *	81.450	160.9
23	0.000	0.000	0.000	0.000	81.200	1.494 #	81.130	32.32	81.860	416.3	81.440	140.6
24	0.000	0.000	0.000	0.000	81.190	1.154	81.110	28.42 *	81.850	395.5	81.440	143.8
25	0.000	0.000	0.000	0.000	81.170	0.827 *	81.180	34.32	81.840	389.9	81.435	145.6
26	0.000	0.000	0.000	0.000	81.160	0.818	81.150	30.36	81.840	388.3	81.430	126.4 *
27	0.000	0.000	0.000	0.000	81.140	0.642 *	81.060	11.03	81.830	372.9	81.450	157.3
28	0.000	0.000	0.000	0.000	81.100	0.426	81.040	8.656	81.855	390.8	81.480	176.8
29	0.000	0.000	0.000	0.000	81.080	0.270	81.030	7.666	81.860	392.7 *	81.490	181.3
30	0.000	0.000	0.000	0.000	81.070	0.268	81.010	8.561 *	81.745	269.9	81.460	154.6
31			0.000	0.000	81.060	0.233			81.750	272.0		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	8.168	5.459	81.135	5.732	81.515	266.4	81.135	67.33
II Ten-Daily	0.000	0.000	0.000	0.000	81.407	46.56	81.488	102.5	81.933	474.2	81.417	117.6
III Ten-Daily	0.000	0.000	0.000	0.000	81.165	0.869	81.098	23.24	81.859	395.3	81.454	155.2
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	81.010	0.195	80.880	6.658	81.010	45.69
Max.	0.000	0.000	0.000	0.000	81.720	151.3	81.850	277.7	82.040	586.0	81.540	183.0
Mean	0.000	0	0.000	0	57.696	17.09	81.240	43.83	81.772	379.1	81.335	113.4

Annual Runoff in MCM = 2196 Annual Runoff in mm = 33

Peak Observed Discharge = 586.0 cumecs on 20/10/2017 Corres. Water Level :82.04 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	81.620	215.0	81.680	221.5	80.900	12.63	80.880	4.012	80.890	3.332 *	80.660	0.000
2	81.590	190.1 *	81.690	249.1	81.030	18.01	80.870	3.720	80.890	3.510	80.655	0.000
3	81.550	172.2 *	81.710	273.7	81.010	16.47	80.870	3.643	80.860	2.885	80.650	0.000
4	81.410	107.0	81.685	243.3	80.990	11.12 *	80.860	3.358 *	80.840	2.426	80.650	0.000
5	81.250	67.15	81.780	301.2	80.980	11.66	80.850	3.069	80.820	2.178	80.645	0.000
6	81.170	48.02	81.780	298.3	80.970	10.45	80.840	2.752	80.810	1.954	80.645	0.000
7	81.055	25.61	81.780	254.3 *	80.970	10.25	80.840	2.716	80.800	1.742	80.640	0.000
8	81.045	22.49	81.730	260.8	80.960	9.491	80.830	2.596	80.780	1.483 *	80.640	0.000
9	81.030	20.15	81.205	76.32	80.960	9.192	80.830	2.489	80.760	1.218	80.700	0.000
10	81.030	22.00 *	81.045	67.87 #	80.950	9.009	80.830	2.418	80.750	0.903	80.730	0.000
11	80.915	16.20	81.010	37.42	80.950	8.247 *	80.830	2.211 *	80.745	0.733	80.725	0.000
12	80.860	14.37	81.000	30.53	80.950	8.455	80.825	2.170	80.735	0.453	80.720	0.000
13	80.940	27.80 #	81.470	28.23	80.945	7.809	80.820	1.903	80.730	0.396	80.715	0.000
14	80.900	16.14	81.510	36.95 *	80.935	6.890	80.820	1.832	80.715	0.474 *	80.715	0.000
15	80.890	15.09	81.520	37.56	80.930	6.579	80.830	2.406	80.715	0.365 *	80.715	0.000
16	81.100	149.9 #	81.515	37.57	80.930	6.353	80.825	2.104	80.715	0.299	81.630	40.67
17	81.350	104.4 *	81.500	35.38	80.915	5.427	80.825	2.045	80.715	0.301	81.720	55.25
18	81.655	186.9	81.480	32.74	80.910	5.806 *	80.820	1.882 *	80.710	0.269	81.720	55.01
19	81.700	201.4	81.490	35.79	80.905	4.842	80.815	1.630	80.700	0.215	81.520	36.19
20	81.700	203.0	81.755	244.8	80.900	4.335	80.830	2.279	80.705	0.248	81.360	18.22 *
21	81.695	186.9	81.720	252.2 *	80.920	5.536	80.835	2.521	80.715	0.311	81.300	15.16
22	81.685	179.5	81.680	230.9	80.920	5.352	80.900	12.79 #	80.700	0.000	81.200	9.012
23	81.680	177.7	81.520	174.7	80.915	5.114	81.070	43.05	80.700	0.000	81.130	4.726
24	81.565	170.5 *	81.570	209.4	80.905	4.894	81.000	30.52 #	80.695	0.000	81.195	6.976
25	81.520	155.2 *	81.530	177.9	80.900	5.263 *	80.960	11.24 *	80.690	0.000	81.230	9.925
26	81.510	148.5	81.450	146.7 *	80.900	4.690	80.950	8.498	80.685	0.000	81.230	10.75
27	81.470	138.8	81.080	48.88	80.900	4.832	80.955	11.23	80.680	0.000	81.150	5.364 *
28	81.455	130.2	81.040	28.45 *	80.880	3.948	81.010	17.08	80.675	0.000	81.135	4.747
29	81.440	121.1	81.030	27.61			80.955	11.24 *	80.670	0.000	81.130	4.360
30	81.450	136.6	81.000	22.22			80.950	9.762 *	80.665	0.000	81.100	2.992
31	81.560	165.3 *	80.970	20.35			80.910	5.243			81.090	2.784
Ten-Daily Mean												
I Ten-Daily	81.275	88.97	81.608	224.6	80.972	11.83	80.850	3.077	80.820	2.163	80.661	0.000
II Ten-Daily	81.201	93.52	81.425	55.70	80.927	6.474	80.824	2.046	80.719	0.375	81.154	20.53
III Ten-Daily	81.548	155.5	81.326	121.7	80.905	4.954	80.954	14.83	80.687	0.031	81.172	6.982
Monthly												
Min.	80.860	14.37	80.970	20.35	80.880	3.948	80.815	1.630	80.665	0.000	80.640	0.000
Max.	81.700	215.0	81.780	301.2	81.030	18.01	81.070	43.05	80.890	3.510	81.720	55.25
Mean	81.348	114	81.449	133.6	80.937	7.952	80.879	6.916	80.742	0.857	81.001	9.101

Peak Computed Discharge = 535.6 cumecs on 22/10/2017 Corres. Water Level :82 m

Lowest Computed Discharge = 0.195 cumecs on 03/09/2017 Corres. Water Level :81.045 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

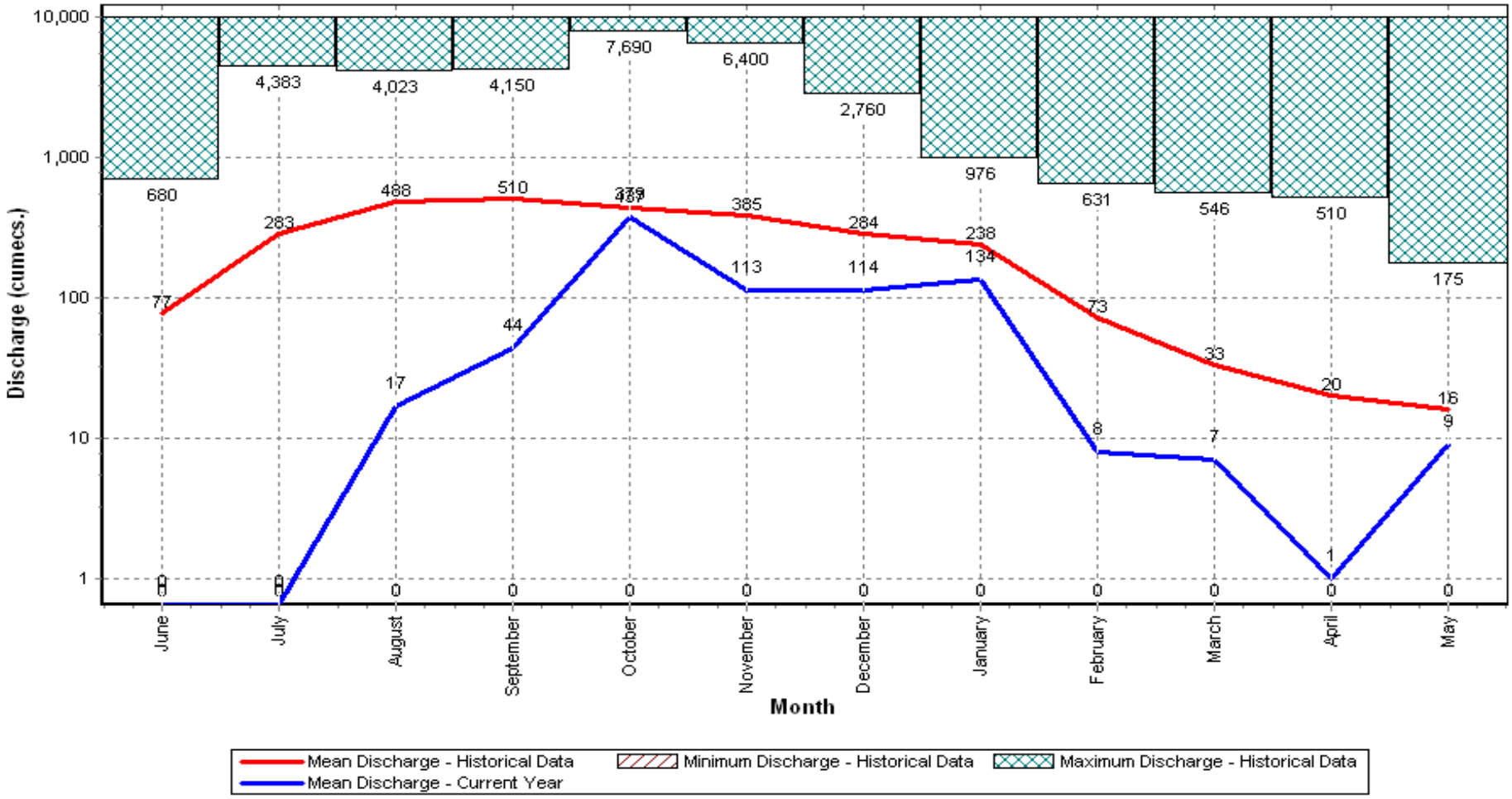
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Musiri (CC000G4) | **Data considered : 1973-2018** | **Division : SR Division, Coimbatore**

Local River : Cauvery | **Sub-Division : Lower Cauvery SD, Trichi**



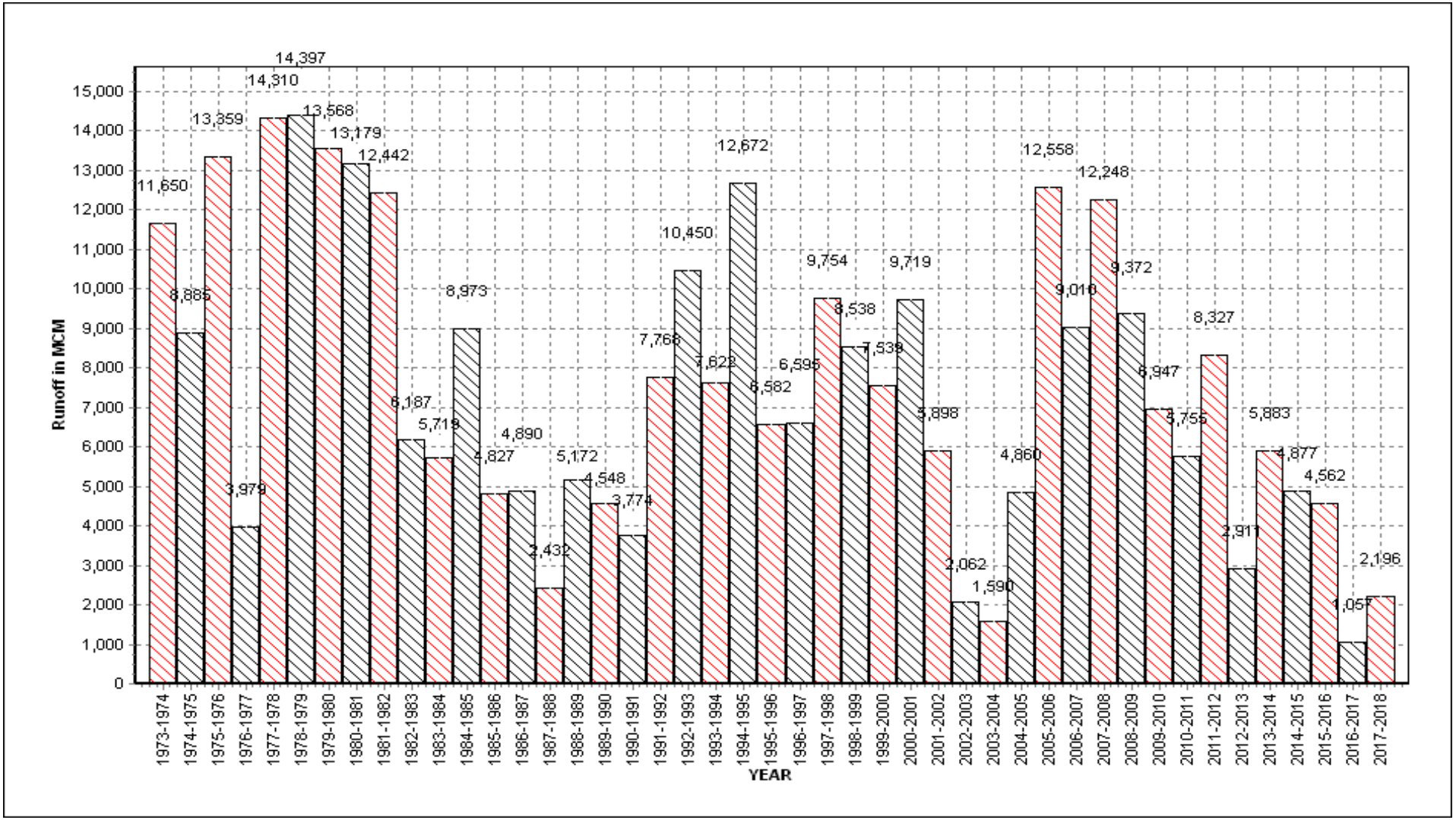
Annual Runoff Values for the period: 1973 - 2018

Station Name : Musiri (CC000G4)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Lower Cauvery SD, Trichi

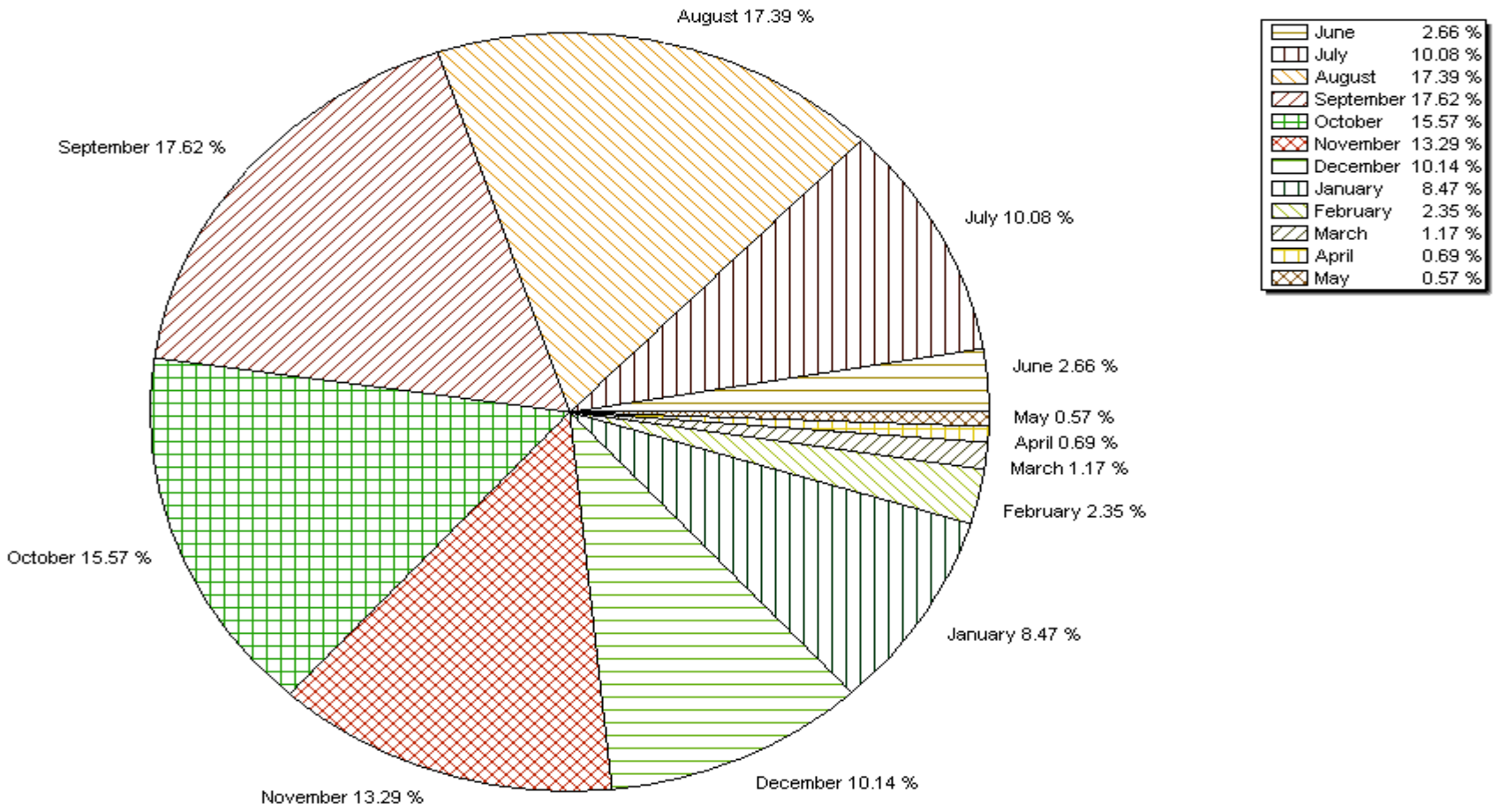


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1973-2017

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



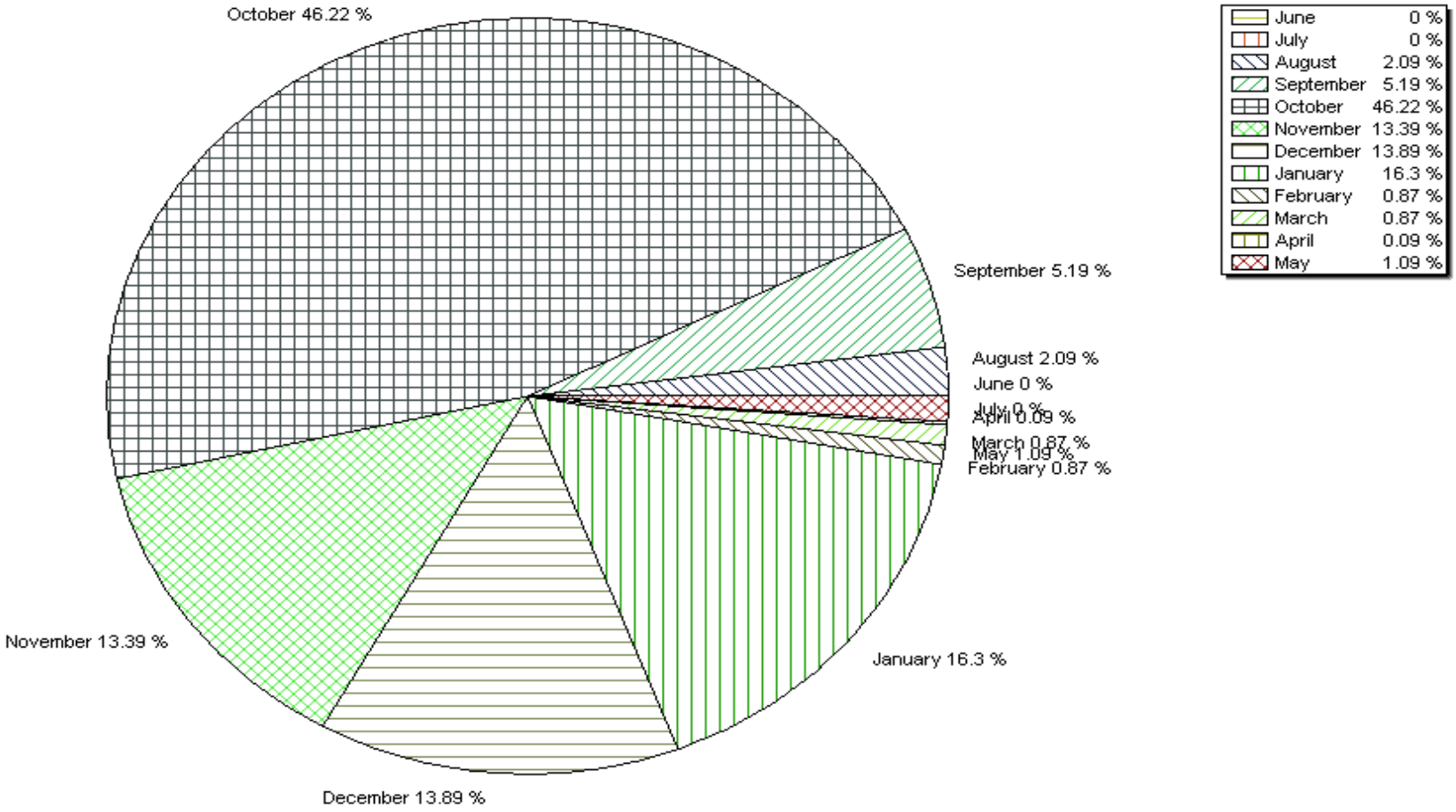
Monthly Runoff for the Year : 2017-2018

Station Name : Musiri (CC000G4)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Lower Cauvery SD, Trichi



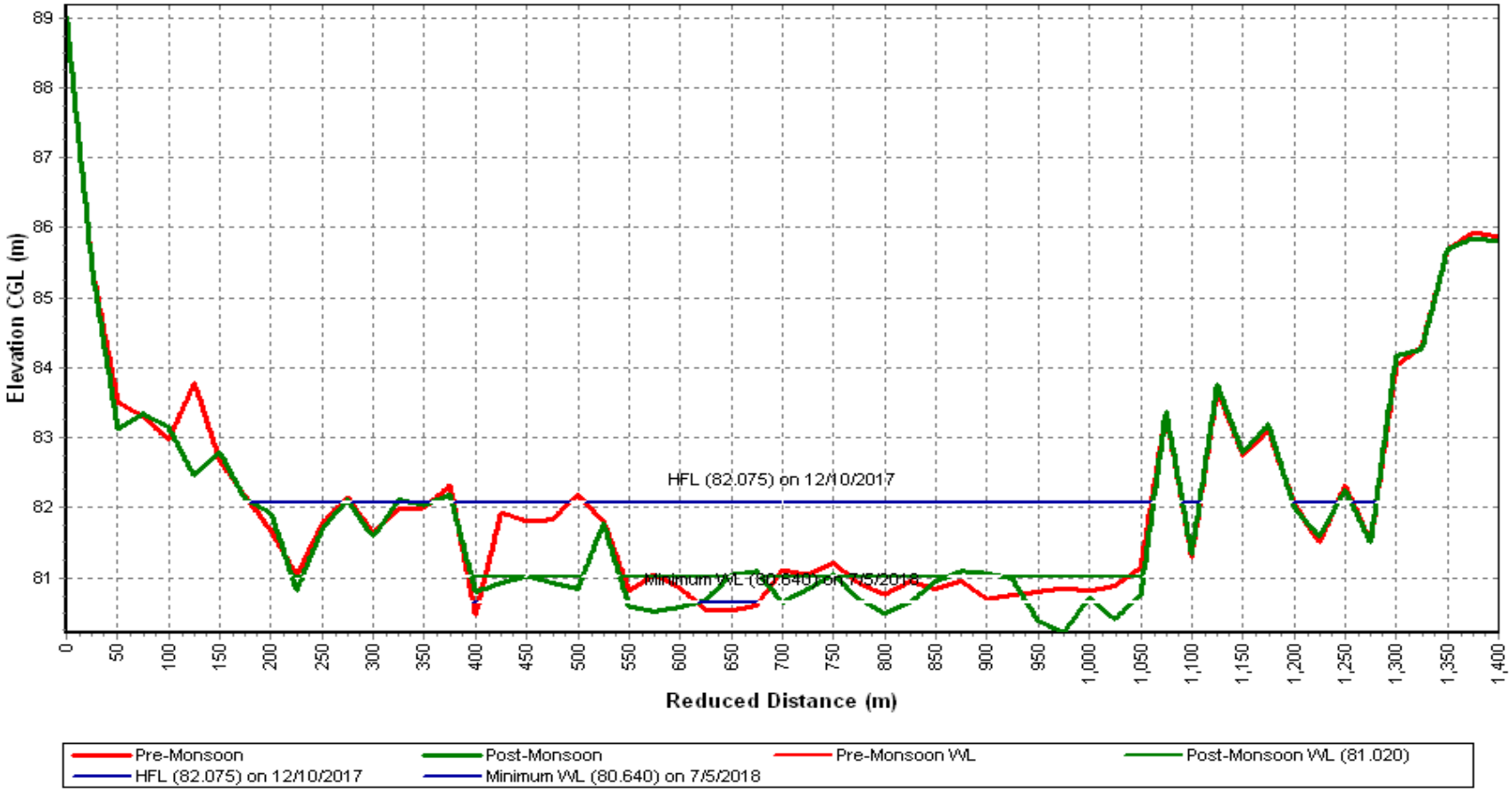
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Musiri (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

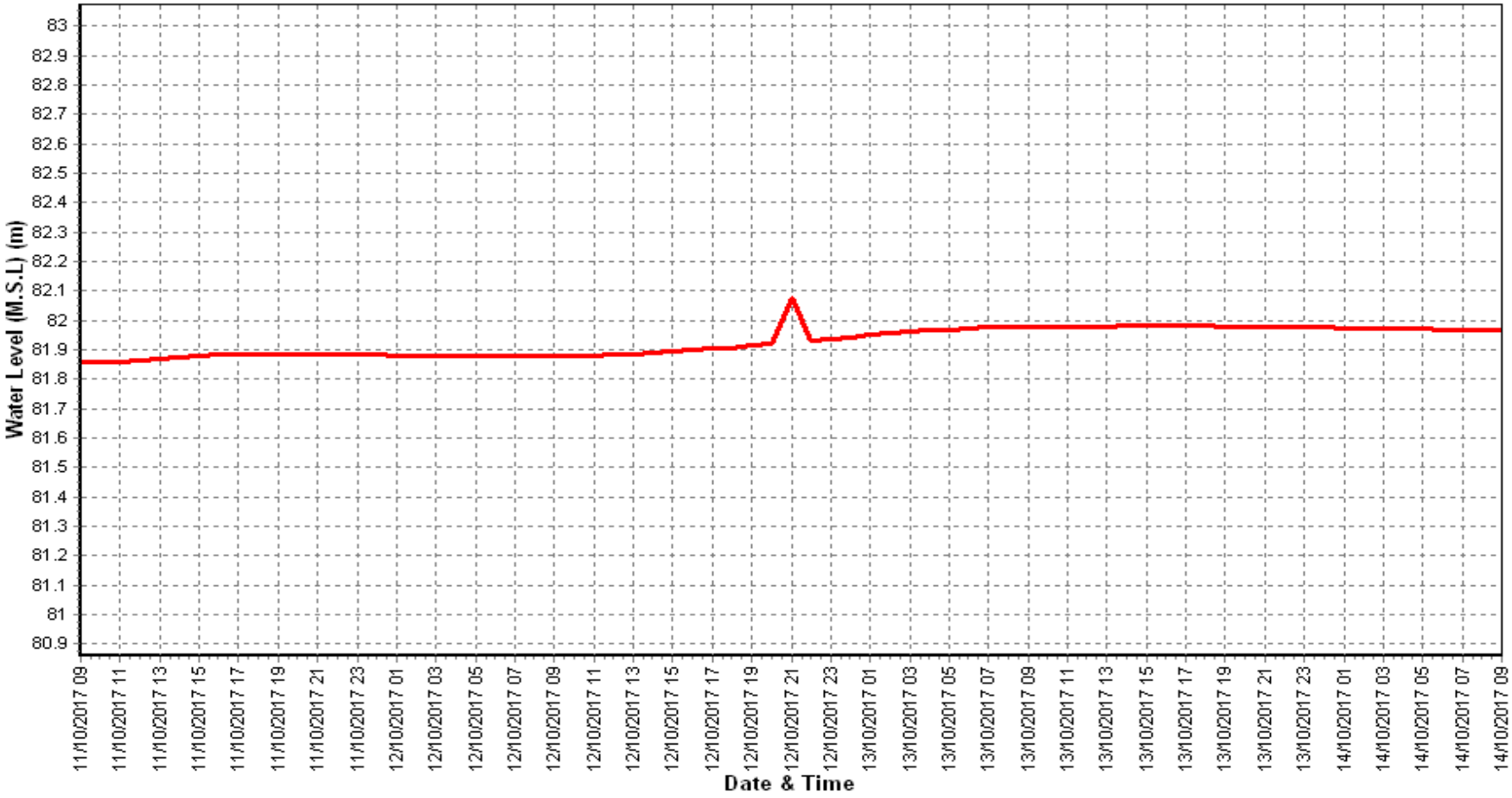
Sub-Division : Lower Cauvery SD, Trichi



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

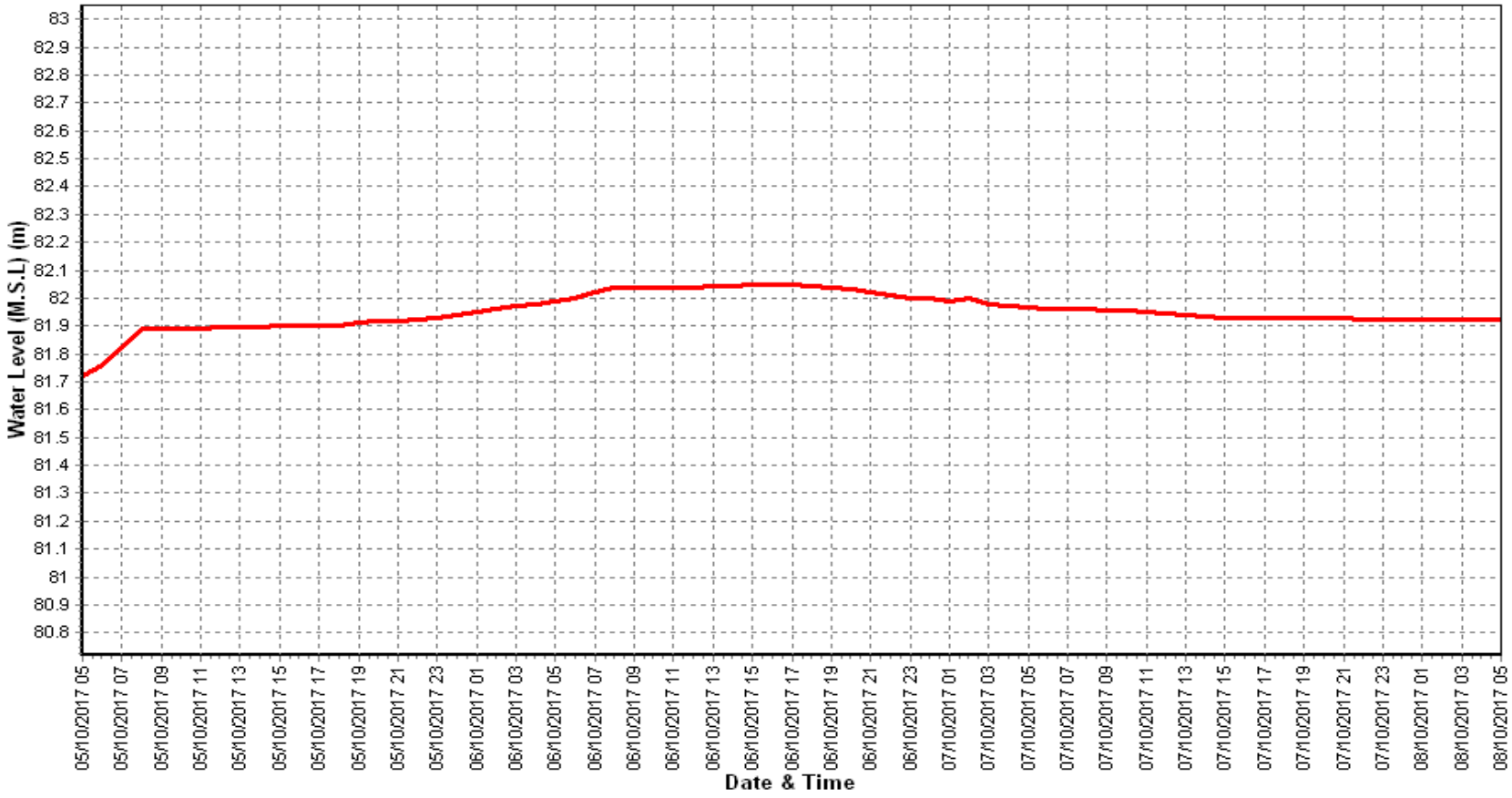


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

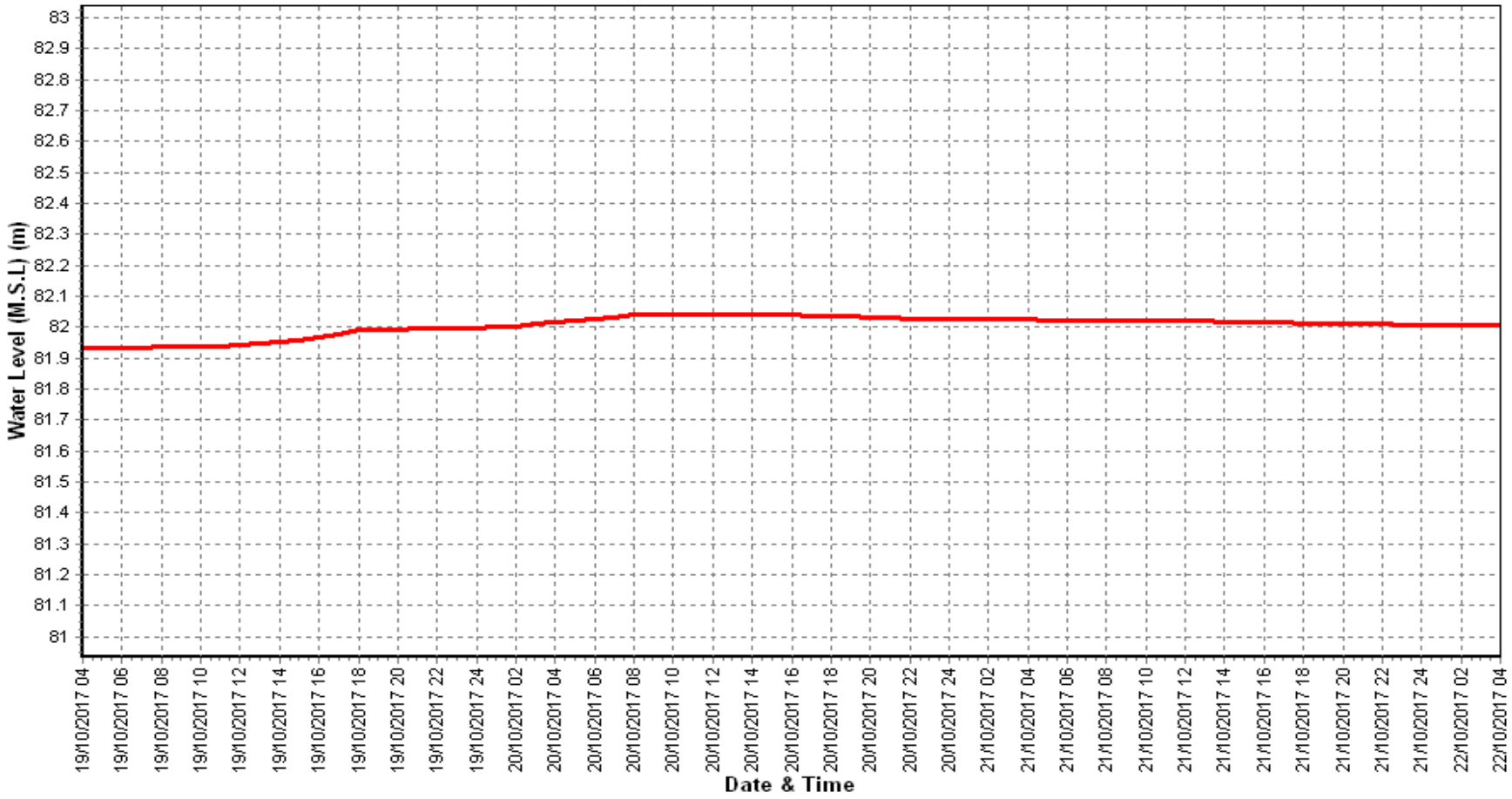


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**: NALLAMARANPATTY**		**Code**	**: CCD00D5**	
State	: Tamil Nadu		District	Karur	
Basin	: Cauvery		Independent River	: Cauvery	
Tributary	: Amaravathi		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	: Amaravathi	
Division	: SR Division, Coimbatore		Sub-Division	: Lower Cauvery SD, Trichi	
Drainage Area	: 9080 Sq. Km.		Bank	: Right	
Latitude	: 10°52'51"		Longitude	: 77°59'05"	
Zero of Gauge (m)	: 129.000 (m.s.l) 126 .000 (m.s.l)		12-07-1977 01-06-2010	31-05-2010	
	Opening Date		Closing Date		
Gauge	: 12-07-1977				
Discharge	: 23-01-1978				
Sediment	: 10-12-1978				
Water Quality	: 16-08-1978				

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1978-1979	570.0	132.400	27-12-1978	0.000	Dry Bed	21-06-1978
1979-1980	3487	134.850	19-11-1979	0.000	Dry Bed	26-06-1979
1980-1981	217.2	130.680	18-11-1980	0.000	Dry Bed	02-09-1980
1981-1982	134.2	130.405	10-11-1981	0.000	Dry Bed	01-06-1981
1982-1983	45.40	129.900	12-11-1982	0.000	Dry Bed	01-06-1982
1983-1984	244.9	130.930	24-12-1983	0.000	Dry Bed	03-06-1983
1984-1985	148.1	130.490	27-10-1984	0.000	Dry Bed	13-06-1984
1985-1986	56.00	129.997	28-09-1985	0.000	Dry Bed	01-06-1985
1986-1987	152.1	130.540	12-08-1986	0.000	Dry Bed	01-06-1986
1987-1988	232.6	130.860	11-12-1987	0.000	Dry Bed	01-06-1987
1988-1989	45.10	129.980	11-10-1988	0.000	Dry Bed	01-06-1988
1989-1990	571.9	131.710	09-01-1990	0.000	Dry Bed	01-06-1989
1990-1991	113.4	130.400	05-11-1990	0.000	Dry Bed	01-06-1990
1991-1992	45.10	129.911	02-10-1991	0.000	Dry Bed	01-06-1991
1992-1993	747.7	131.895	15-11-1992	0.000	Dry Bed	01-06-1992
1993-1994	5571	134.625	10-11-1993	0.000	Dry Bed	01-06-1993
1994-1995	442.1	131.080	07-11-1994	0.000	Dry Bed	01-06-1994
1995-1996	50.28	129.780	06-09-1995	0.000	Dry Bed	05-06-1995

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Water Quality : 16-08-1978

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
1996-1997	994.7	132.240	16-12-1996	0.000	Dry Bed	01-06-1996
1997-1998	1118	132.600	09-11-1997	0.000	Dry Bed	01-06-1997
1998-1999	955.0	132.350	12-12-1998	0.000	Dry Bed	01-06-1998
1999-2000	356.0	131.065	23-11-1999	0.000	Dry Bed	02-06-1999
2000-2001	139.9	130.240	30-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	40.28	129.605	08-11-2001	0.000	Dry Bed	01-06-2001
2002-2003	61.16	129.510	02-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	37.26	129.400	25-07-2003	0.000	Dry Bed	01-06-2003
2004-2005	154.1	129.960	14-11-2004	0.000	Dry Bed	01-06-2004
2005-2006	2988	134.000	24-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	69.53	129.300	23-07-2006	0.000	Dry Bed	01-06-2006
2007-2008	1355	132.550	20-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	228.2	129.975	23-10-2008	0.000	Dry Bed	18-06-2008
2009-2010	201.7	129.725	09-11-2009	0.000	Dry Bed	01-06-2009
2010-2011	212.4	130.300	04-12-2010	0.000	Dry Bed	01-06-2010
2011-2012	307.6	130.430	27-11-2011	0.000	Dry Bed	01-06-2011
2012-2013	21.03	128.880	20-09-2012	0.000	Dry Bed	01-06-2012
2013-2014	43.82	129.120	20-10-2013	0.000	Dry Bed	01-06-2013
2014-2015	394.0	130.680	29-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	672.0	130.790	07-12-2015	0.000	Dry Bed	01-06-2015
2016-2017	57.48	129.200	09-07-2016	0.000	Dry Bed	14-12-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000	128.240	1.143		0.000	128.060	0.000	128.280	1.870
2		0.000		0.000	128.315	3.117	128.070	0.000	128.030	0.000	128.610	15.69
3		0.000		0.000	128.250	1.382	129.300	0.000	128.010	0.000	128.370	4.077
4		0.000		0.000	128.170	0.000	128.380	4.774	127.990	0.000	128.280	1.934 *
5		0.000		0.000	128.140	0.000	128.800	27.02	127.940	0.000	128.240	1.152 *
6		0.000		0.000	128.090	0.000	128.350	3.906	127.890	0.000	128.230	0.987
7		0.000		0.000	127.915	0.000	128.290	1.968	128.670	19.89	128.170	0.000
8		0.000		0.000	127.790	0.000	128.210	0.807	128.500	9.214 *	128.180	0.000
9		0.000		0.000	127.700	0.000	128.370	4.052	128.220	0.837	128.170	0.000
10		0.000		0.000	127.630	0.000	128.240	1.124 *	128.250	1.375	128.160	0.000
11		0.000		0.000	127.630	0.000	128.190	0.403	128.160	0.000	128.160	0.000
12		0.000		0.000		0.000	128.180	0.000	128.280	1.843	128.150	0.000
13		0.000		0.000		0.000	128.170	0.000	128.190	0.441	128.130	0.000
14		0.000		0.000		0.000	128.160	0.000	128.550	10.43	128.100	0.000
15		0.000		0.000		0.000	128.150	0.000	128.290	2.096 *	128.100	0.000
16		0.000		0.000	128.190	0.387	128.150	0.000	128.190	0.414	128.090	0.000
17		0.000		0.000	128.180	0.000	128.140	0.000	128.150	0.000	128.060	0.000
18		0.000		0.000	128.160	0.000	128.150	0.000	128.170	0.000	127.990	0.000
19		0.000		0.000	128.140	0.000	128.130	0.000	128.160	0.000	127.930	0.000
20		0.000		0.000	128.140	0.000	128.100	0.000	128.150	0.000	128.300	2.566
21		0.000		0.000	128.120	0.000	128.070	0.000	128.130	0.000	128.250	1.335
22		0.000		0.000	128.040	0.000	128.040	0.000	128.150	0.000	128.260	1.526
23		0.000		0.000	127.970	0.000	127.990	0.000	128.140	0.000	128.760	26.06
24		0.000		0.000	127.960	0.000	127.960	0.000	128.150	0.000	128.630	15.46
25		0.000		0.000	127.940	0.000	128.020	0.000	128.130	0.000	128.500	9.887
26		0.000		0.000	127.930	0.000	128.090	0.000	128.090	0.000	128.390	5.068 *
27		0.000		0.000	127.890	0.000	128.090	0.000	128.060	0.000	128.485	9.611
28		0.000		0.000	127.840	0.000	128.100	0.000	128.060	0.000	128.415	5.652
29		0.000		0.000	127.740	0.000	128.100	0.000	128.380	4.556 *	128.255	1.332
30		0.000		0.000	127.550	0.000	128.070	0.000	128.545	10.24	128.330	3.558
31			128.645	16.57		0.000			128.290	2.146		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	128.024	0.564	128.446	4.365	128.156	3.131	128.269	2.571
II Ten-Daily		0.000		0.000	128.073	0.039	128.152	0.040	128.229	1.522	128.101	0.257
III Ten-Daily		0.000	128.645	1.507	127.898	0.000	128.053	0.000	128.193	1.540	128.428	7.949
Monthly												
Min.		0.000	128.645	0.000	127.550	0.000	127.960	0.000	127.890	0.000	127.930	0.000
Max.		0.000	128.645	16.57	128.315	3.117	129.300	27.02	128.670	19.89	128.760	26.06
Mean		0	128.645	0.535	127.987	0.194	128.209	1.468	128.193	2.048	128.266	3.592

Annual Runoff in MCM = 31 Annual Runoff in mm = 3

Peak Observed Discharge = 27.02 cumecs on 05/09/2017 Corres. Water Level :128.8 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	128.395	4.588	128.170	0.000		0.000		0.000		0.000		0.000
2	128.500	8.593 *	128.160	0.000		0.000		0.000		0.000		0.000
3	128.860	31.13 *	128.160	0.000		0.000		0.000		0.000		0.000
4	128.720	21.03	128.160	0.000		0.000		0.000		0.000		0.000
5	128.470	6.942	128.150	0.000		0.000		0.000		0.000		0.000
6	128.400	5.112	128.140	0.000		0.000		0.000		0.000		0.000
7	128.335	2.862	128.140	0.000		0.000		0.000		0.000		0.000
8	128.230	1.003	128.140	0.000		0.000		0.000		0.000		0.000
9	128.170	0.000	128.120	0.000	127.960	0.000		0.000		0.000		0.000
10	128.170	0.000	128.110	0.000	127.980	0.000		0.000		0.000		0.000
11	128.170	0.000	128.150	0.000	127.980	0.000		0.000		0.000		0.000
12	128.170	0.000	128.140	0.000	127.960	0.000		0.000		0.000		0.000
13	128.170	0.000	128.140	0.000	127.920	0.000		0.000		0.000		0.000
14	128.150	0.000	128.320	3.049 *	127.900	0.000		0.000		0.000		0.000
15	128.130	0.000	128.300	2.572	127.870	0.000		0.000		0.000		0.000
16	128.130	0.000	128.250	1.121	127.750	0.000		0.000		0.000		0.000
17	128.140	0.000	128.210	0.658	127.630	0.000		0.000		0.000		0.000
18	128.130	0.000	128.180	0.000	127.580	0.000		0.000		0.000		0.000
19	128.100	0.000	128.180	0.000		0.000		0.000		0.000		0.000
20	128.500	9.543	128.180	0.000		0.000		0.000		0.000		0.000
21	128.305	2.699	128.140	0.000		0.000		0.000		0.000		0.000
22	128.160	0.000	128.080	0.000		0.000		0.000		0.000		0.000
23	128.180	0.000	128.040	0.000		0.000		0.000		0.000		0.000
24	128.220	0.900 *	127.990	0.000		0.000		0.000		0.000		0.000
25	128.480	8.190 *	127.930	0.000		0.000		0.000		0.000		0.000
26	128.410	4.964	127.870	0.000		0.000		0.000		0.000		0.000
27	128.200	0.491	127.760	0.000		0.000		0.000		0.000		0.000
28	128.170	0.000	127.650	0.000		0.000		0.000		0.000		0.000
29	128.170	0.000		0.000				0.000		0.000		0.000
30	128.170	0.000		0.000				0.000		0.000		0.000
31	128.170	0.000		0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	128.425	8.126	128.145	0.000	127.970	0.000		0.000		0.000		0.000
II Ten-Daily	128.179	0.954	128.205	0.740	127.824	0.000		0.000		0.000		0.000
III Ten-Daily	128.240	1.568	127.933	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.	128.100	0.000	127.650	0.000	127.580	0.000		0.000		0.000		0.000
Max.	128.860	31.13	128.320	3.049	127.980	0.000		0.000		0.000		0.000
Mean	128.280	3.485	128.106	0.239	127.853	0		0		0		0

Peak Computed Discharge = 31.13 cumecs on 03/12/2017 **Corres. Water Level :128.86 m**

Lowest Computed Discharge = 0.900 cumecs on 24/12/2017 **Corres. Water Level :128.22 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

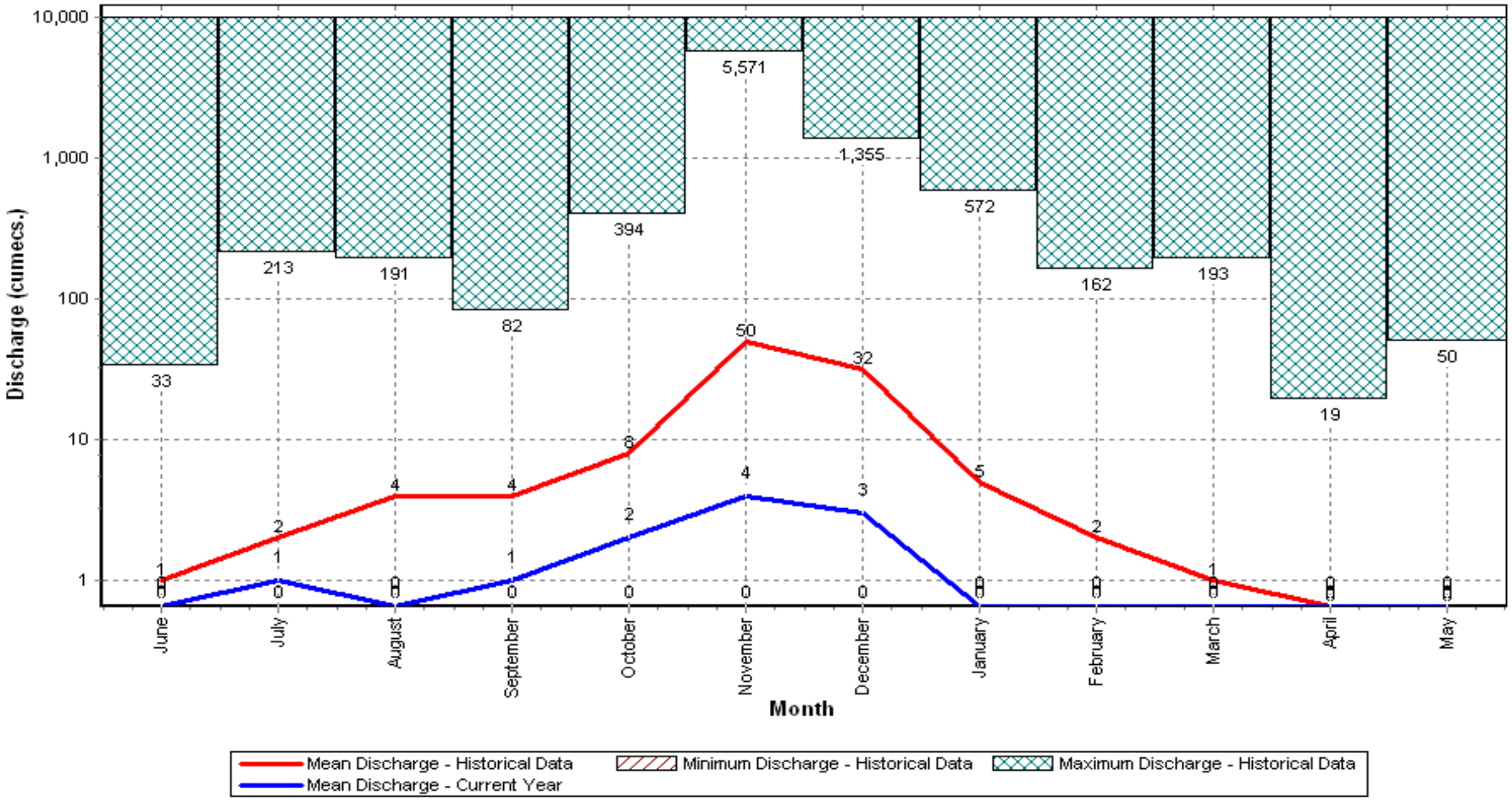
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) | **Data considered : 1978-2018** | **Division : SR Division, Coimbatore**

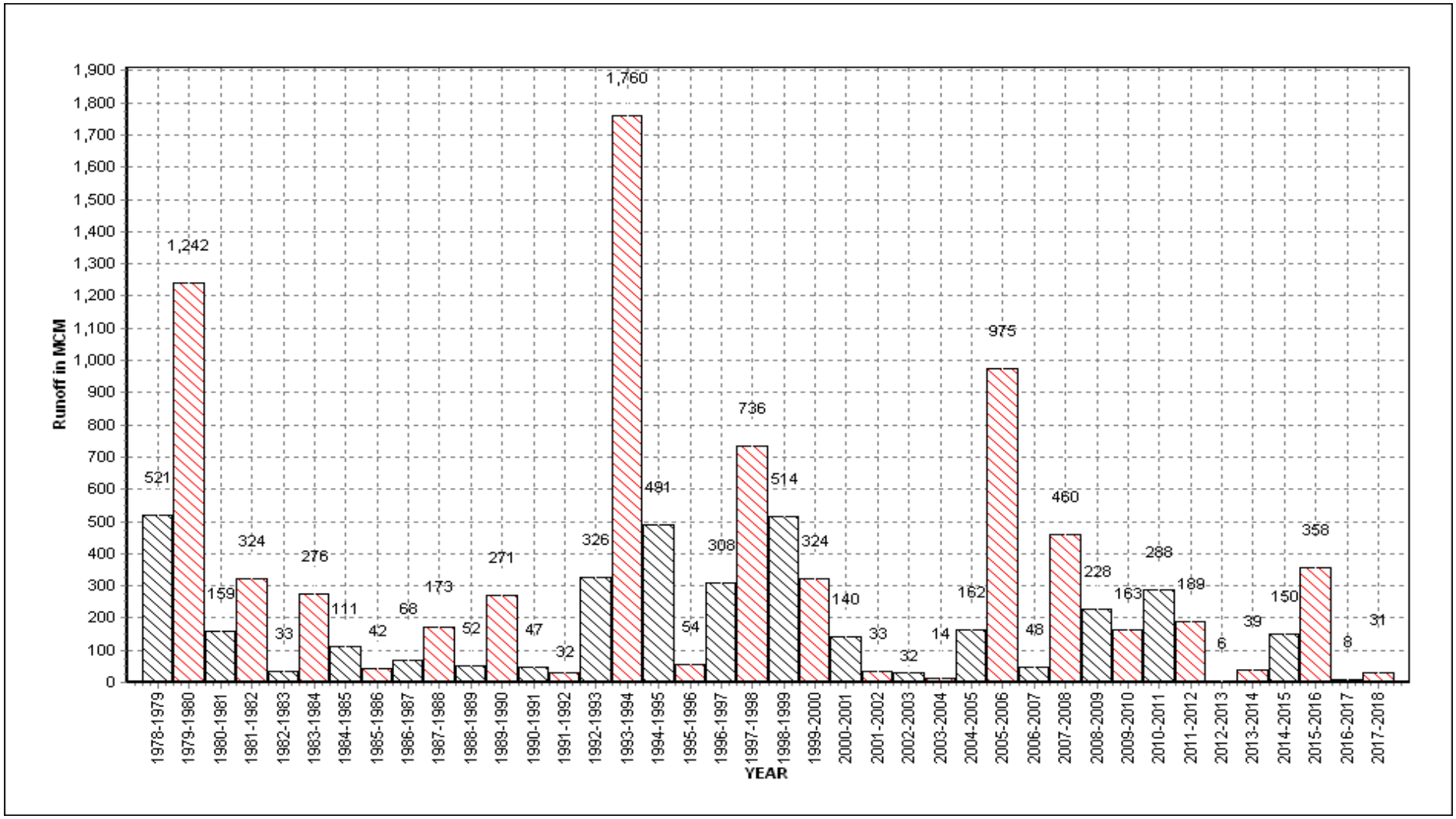
Local River : Amaravathi | **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1978 - 2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**

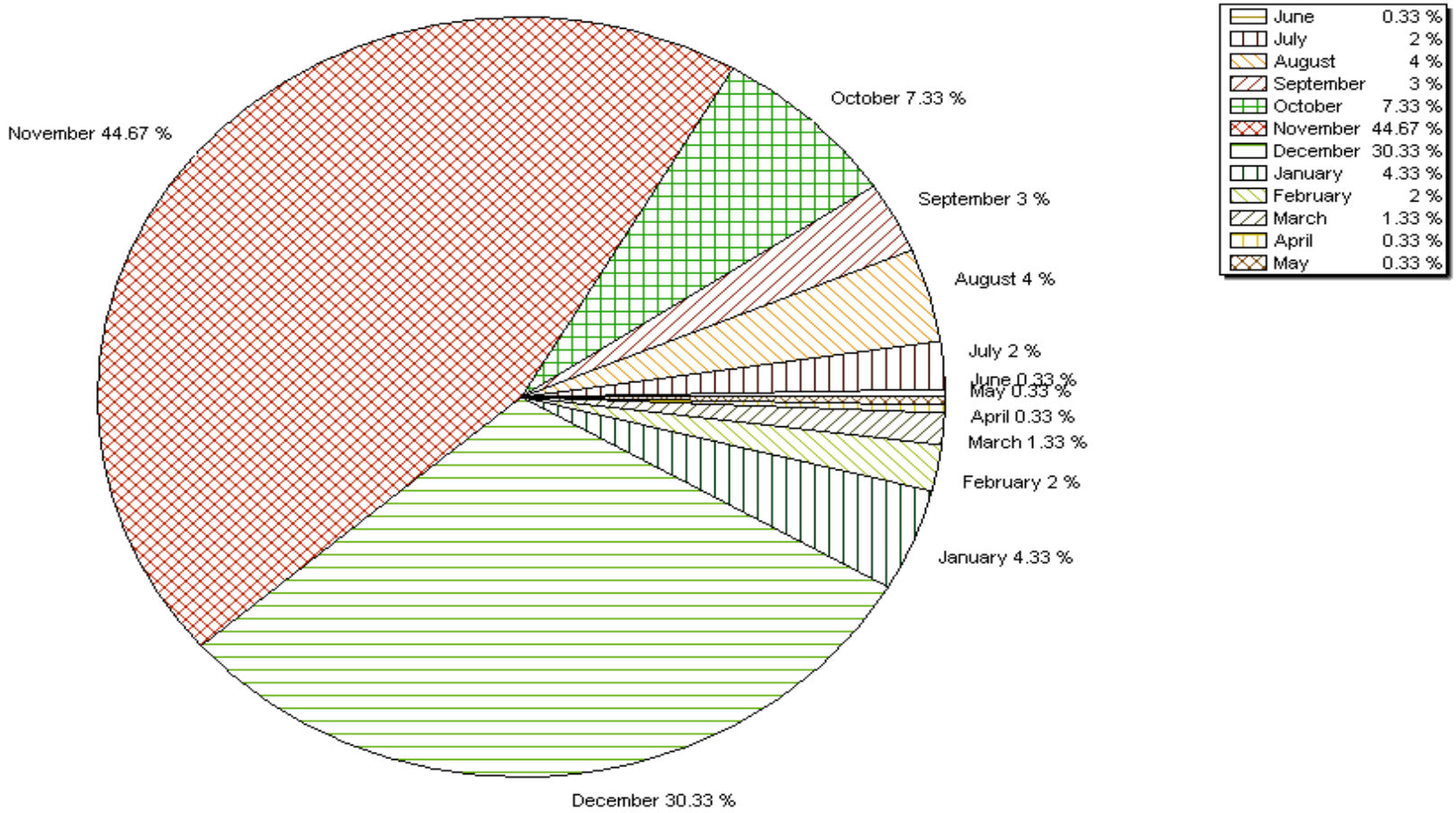


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1978-2017

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**



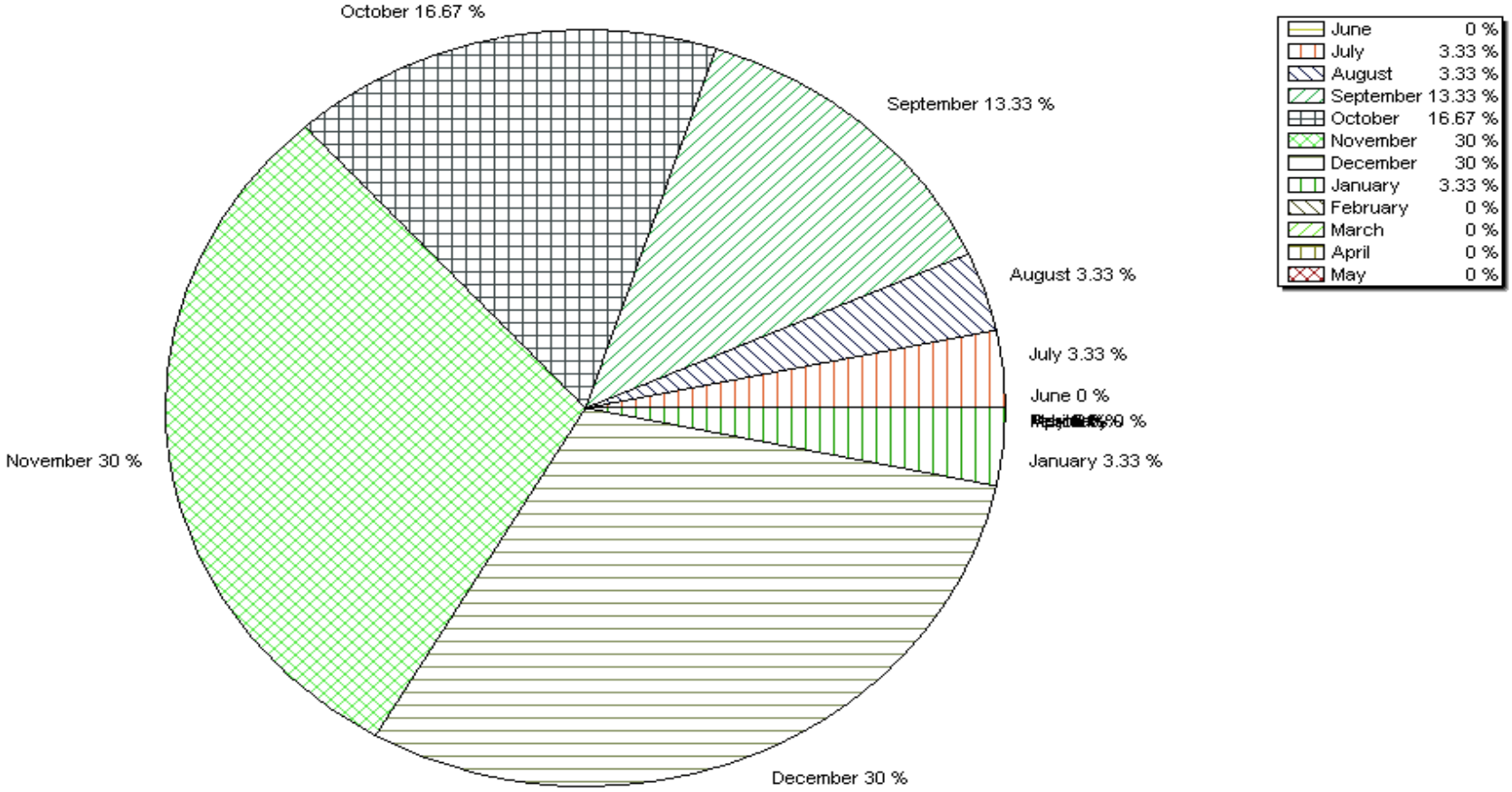
Monthly Runoff for the Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5)

Local River :Amaravathi

Division : SR Division, Coimbatore

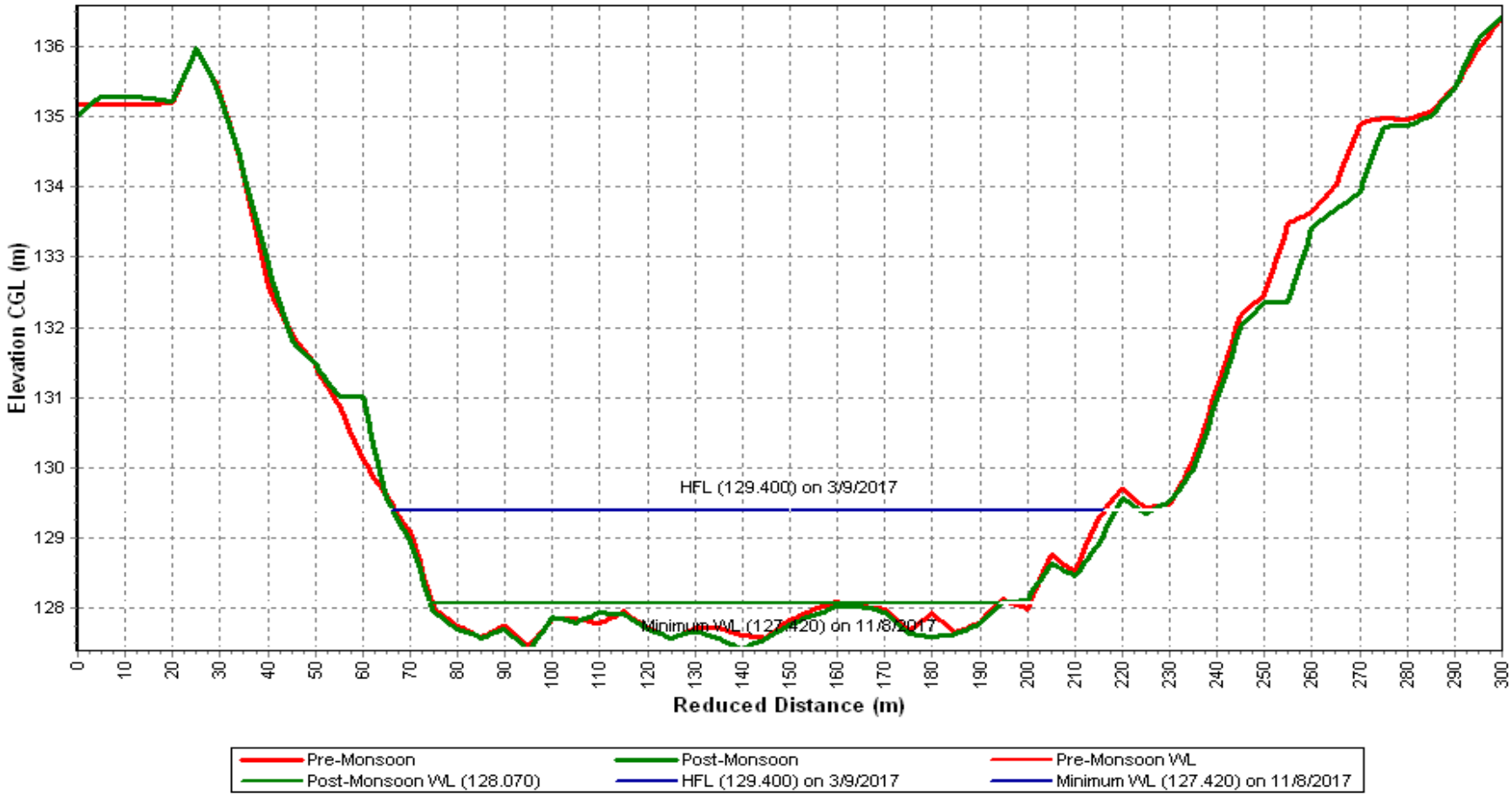
Sub-Division : Lower Cauvery SD, Trichi



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

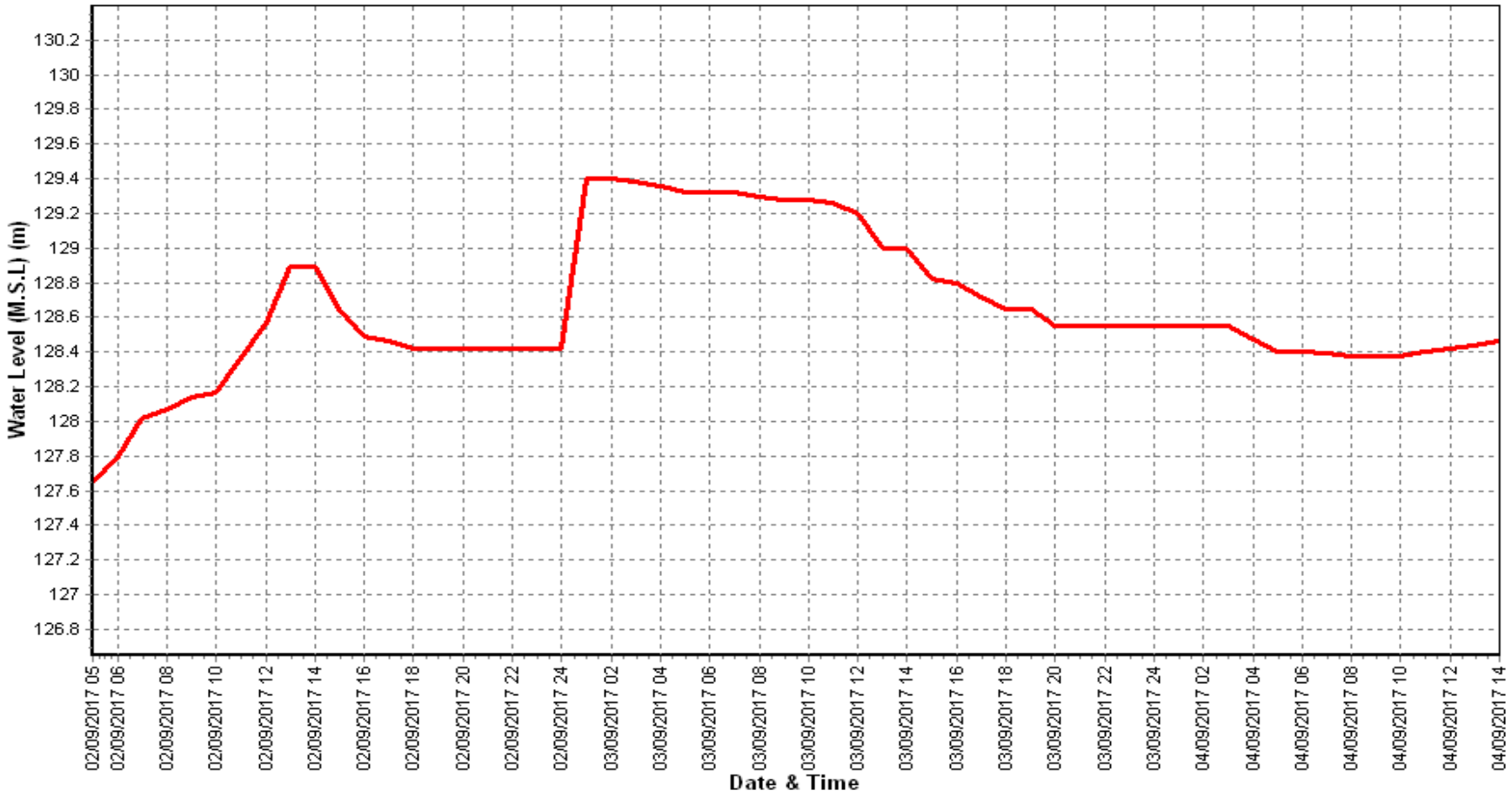
Local River : Amaraavathi **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**

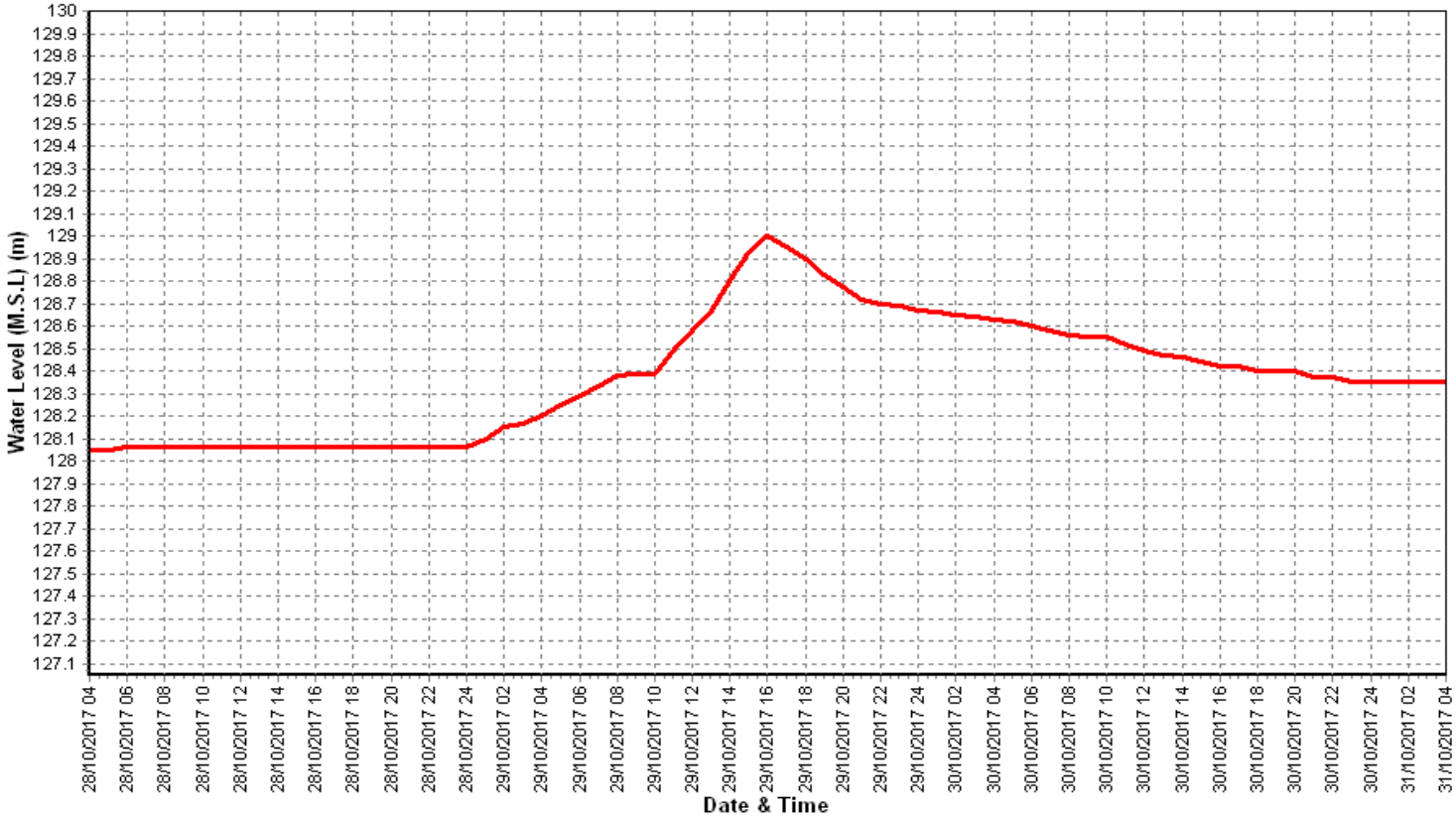


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

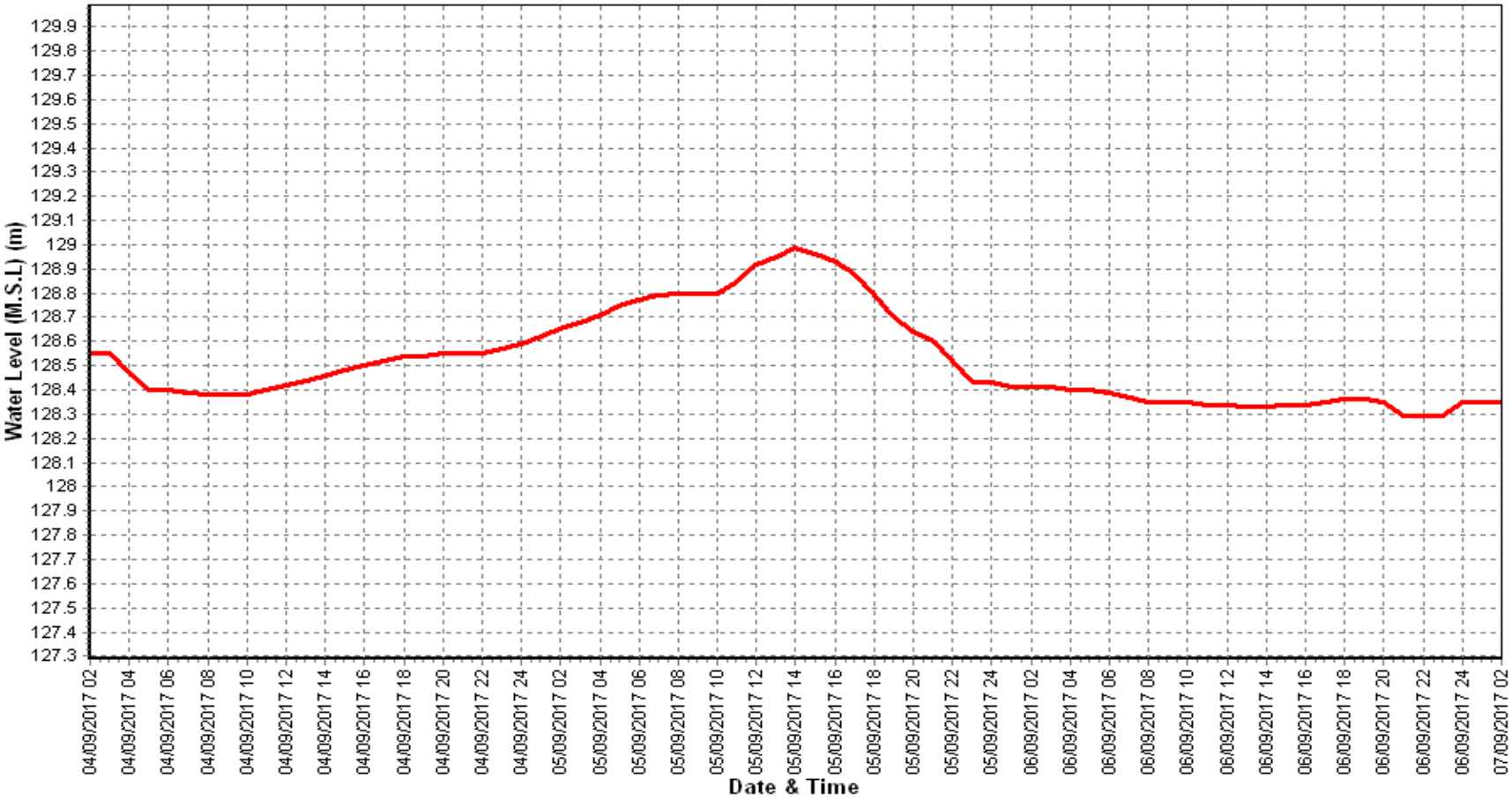


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-18**
Site	:	**ELUNUTHIMANGALAM**	**Code**	:	**CCF00A4**
State	:	Tamil Nadu	District		Erode
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Noyyal	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Noyyal
Division	:	SR Division, Coimbatore	Sub-Division	:	Lower Cauvery SD, Trichi
Drainage Area	:	3386 Sq. Km.	Bank	:	Left
Latitude	:	11°01'54"	Longitude	:	77°53'15"
Zero of Gauge (m)	:	129.000 (m.s.l)	27-11-1997		
		Opening Date	Closing Date		
Gauge	:	27-11-1997			
Discharge	:	07-08-1998			
Sediment	:	01-03-2013			
Water Quality	:	03-10-2000			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	175.3	132.050	24-10-1999	0.000	Dry Bed	01-06-1999
2000-2001	87.28	131.680	10-10-2000	0.000	Dry Bed	01-06-2000
2001-2002	22.72	130.985	27-10-2001	0.000	Dry Bed	01-06-2001
2002-2003	30.54	131.075	27-11-2002	0.000	130.170	01-06-2002
2003-2004	28.44	130.950	25-12-2003	0.000	Dry Bed	01-06-2003
2004-2005	21.26	130.790	19-01-2005	0.000	130.235	14-06-2004
2005-2006	108.3	131.920	24-11-2005	0.000	130.240	17-09-2005
2006-2007	65.58	131.520	08-11-2006	0.048	130.025	18-08-2006
2007-2008	75.97	131.850	20-12-2007	0.778	130.140	13-06-2007
2008-2009	50.13	131.300	29-11-2008	0.493	130.020	07-08-2008
2009-2010	78.48	131.640	09-11-2009	0.185	129.990	30-08-2009
2010-2011	95.88	131.600	21-11-2010	0.000	129.990	11-04-2011
2011-2012	86.95	131.300	08-11-2011	0.000	129.740	07-07-2011
2012-2013	25.21	130.630	21-02-2013	0.000	129.570	15-06-2012
2013-2014	15.00	130.510	18-10-2013	0.000	Dry Bed	01-06-2013
2014-2015	76.39	131.030	16-04-2015	0.000	129.500	01-06-2014
2015-2016	101.4	131.680	07-12-2015	0.000	129.680	02-09-2015
2016-2017	0.000	129.910	24-09-2016	0.000	Dry Bed	05-01-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	2017-18	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	130.190	0.000	130.240	0.000	130.140	3.136
2	0.000	0.000	0.000	0.000	130.550	0.000	130.240	0.000	130.130	0.000	130.170	3.290
3	0.000	0.000	0.000	0.000	130.410	0.000	130.900	30.98 *	130.110	0.000	130.140	3.168
4	0.000	0.000	0.000	0.000	130.380	0.000	131.050	50.92 #	129.440	0.000	130.150	3.204 *
5	0.000	0.000	0.000	0.000	130.500	0.000	131.200	37.28	129.510	0.000	130.130	2.936 *
6	0.000	0.000	0.000	0.000	130.410	0.000	131.480	38.67	129.600	0.000	130.150	3.136
7	0.000	0.000	0.000	0.000	130.390	0.000	131.210	32.52	129.640	0.000	130.130	2.788
8	0.000	0.000	0.000	0.000	130.380	0.000	130.990	31.92	129.580	0.000	130.120	2.762
9	0.000	0.000	0.000	0.000	130.400	0.000	130.960	31.69	129.670	0.000	130.180	3.227
10	0.000	0.000	0.000	0.000	130.390	0.000	131.040	32.75 *	129.720	0.000	130.150	3.093
11	0.000	0.000	0.000	0.000	130.560	0.000	130.990	32.38	129.710	0.000	130.120	2.757
12	0.000	0.000	0.000	0.000	130.630	0.000	130.920	10.67	129.700	0.000	130.080	2.323 *
13	0.000	0.000	0.000	0.000	130.620	0.000	130.650	0.000	129.770	0.000	130.080	2.517
14	0.000	0.000	0.000	0.000	130.590	0.000	130.490	0.000	129.740	0.000	130.110	2.641
15	0.000	0.000	0.000	0.000	130.450	0.000	130.460	0.000	129.950	1.752 *	130.070	2.440
16	0.000	0.000	0.000	0.000	130.430	0.000	130.480	0.000	130.190	3.161	130.100	2.566
17	0.000	0.000	0.000	0.000	130.490	0.000	130.510	0.000	130.160	3.115	130.120	2.779
18	0.000	0.000	0.000	0.000	130.450	0.000	130.500	0.000	130.100	2.672 *	130.090	2.579
19	0.000	0.000	0.000	0.000	130.480	0.000	130.580	0.000	130.130	2.925	130.080	2.323 *
20	0.000	0.000	0.000	0.000	130.450	0.000	130.940	10.98	130.160	3.170	130.060	2.360
21	0.000	0.000	0.000	0.000	130.430	0.000	130.890	9.638	130.080	2.514	130.010	1.814
22	0.000	0.000	0.000	0.000	130.400	0.000	130.910	10.03	130.040	1.891 *	130.100	2.575
23	0.000	0.000	0.000	0.000	130.350	0.000	130.640	0.000	129.950	0.954	130.070	2.366
24	0.000	0.000	0.000	0.000	130.350	0.000	130.520	0.000	129.910	0.633	130.060	2.130
25	0.000	0.000	0.000	0.000	130.340	0.000	130.600	0.000	129.840	0.000	130.060	2.089
26	0.000	0.000	0.000	0.000	130.360	0.000	130.590	0.000	129.820	0.000	130.040	1.891 *
27	0.000	0.000	0.000	0.000	130.350	0.000	130.600	0.000	129.820	0.000	130.110	2.698
28	0.000	0.000	0.000	0.000	130.290	0.000	130.400	0.000	129.760	0.000	130.130	2.935
29	0.000	0.000	0.000	0.000	130.240	0.000	130.280	0.000	130.040	1.891 *	130.060	2.333
30	0.000	0.000	0.000	0.000	130.210	0.000	130.280	0.000	130.210	3.406	129.990	1.754
31			0.000	0.000	130.200	0.000			130.140	3.065		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	117.381	0.000	130.926	28.67	129.764	0.000	130.146	3.074
II Ten-Daily	0.000	0.000	0.000	0.000	130.515	0.000	130.652	5.403	129.961	1.680	130.091	2.529
III Ten-Daily	0.000	0.000	0.000	0.000	130.320	0.000	130.571	1.967	129.965	1.305	130.063	2.259
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	130.190	0.000	129.440	0.000	129.990	1.754
Max.	0.000	0.000	0.000	0.000	130.630	0.000	131.480	50.92	130.240	3.406	130.180	3.290
Mean	0.000	0	0.000	0	126.209	0	130.716	12.01	129.899	1.005	130.100	2.62

Annual Runoff in MCM = 56 Annual Runoff in mm = 17

Peak Observed Discharge = 50.92 cumecs on 04/09/2017 Corres. Water Level :131.05 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	130.110	2.591	129.930	1.387	129.780	0.000	129.610	0.000	129.417	0.000	129.470	0.000
2	130.200	3.514 *	129.900	0.654	129.750	0.000	129.600	0.000	129.410	0.000	129.460	0.000
3	130.260	4.132 *	129.900	0.712	129.730	0.000	129.590	0.000	129.400	0.000	129.460	0.000
4	130.170	3.252	129.890	0.629	129.730	0.000	129.570	0.000	129.400	0.000	129.510	0.000
5	130.110	2.623	129.870	0.548	129.700	0.000	129.550	0.000	129.410	0.000	130.605	11.83
6	130.070	2.602	129.870	0.561	129.700	0.000	129.540	0.000	129.570	0.000	130.520	8.726 *
7	130.100	2.537	129.870	0.637 *	129.710	0.000	129.530	0.000	129.560	0.000	130.390	7.101
8	130.090	2.531	129.860	0.517	129.760	0.000	129.490	0.000	129.560	0.000	130.020	1.825
9	130.060	2.335	129.870	0.622	129.810	0.000	129.470	0.000	129.550	0.000	130.120	2.572
10	130.030	2.040 *	129.880	0.720	129.830	0.000	129.420	0.000	129.550	0.000	130.240	3.535
11	130.060	2.192	130.000	1.797	129.820	0.000	129.410	0.000	129.540	0.000	130.200	3.464
12	130.050	2.234	129.970	1.672	129.780	0.000	129.370	0.000	129.520	0.000	130.140	2.943
13	130.010	1.846	129.955	1.531	129.740	0.000	129.370	0.000	129.520	0.000	130.250	4.490 *
14	130.000	1.770	130.020	1.824 *	129.710	0.000	129.360	0.000	129.500	0.000	130.340	5.980
15	130.000	1.780	130.000	1.837	129.680	0.000	129.380	0.000	129.530	0.000	130.240	3.525
16	130.020	1.937	130.010	1.911	129.660	0.000	129.460	0.000	129.550	0.000	130.290	4.169
17	130.010	1.893 *	130.000	1.833	129.750	0.000	129.500	0.000	129.560	0.000	130.180	3.320
18	129.990	1.775	129.790	0.000	129.760	0.000	129.540	0.000	129.550	0.000	130.120	2.832
19	130.010	1.790	129.750	0.000	129.780	0.000	129.570	0.000	129.540	0.000	130.060	2.124
20	130.020	1.894	129.740	0.000	129.740	0.000	129.550	0.000	129.510	0.000	130.000	1.638 *
21	130.060	2.253	129.730	0.000	129.750	0.000	129.540	0.000	129.510	0.000	129.980	1.763
22	130.060	2.317	129.750	0.000	129.780	0.000	129.530	0.000	129.510	0.000	129.980	1.765
23	130.050	2.303	129.810	0.000	129.750	0.000	129.490	0.000	129.500	0.000	130.020	1.860
24	130.030	2.040 *	129.800	0.000	129.750	0.000	129.480	0.000	129.500	0.000	130.050	2.005
25	130.020	1.966 *	129.790	0.000	129.730	0.000	129.470	0.000	129.510	0.000	130.090	2.455
26	130.060	2.279	129.780	0.000	129.710	0.000	129.460	0.000	129.500	0.000	129.980	1.768
27	130.020	1.962	129.770	0.000	129.690	0.000	129.440	0.000	129.490	0.000	130.000	1.638 *
28	129.990	1.882	129.750	0.000	129.630	0.000	129.430	0.000	129.490	0.000	130.020	1.873
29	130.010	1.871	129.740	0.000			129.420	0.000	129.490	0.000	129.970	1.698
30	130.020	1.925	129.730	0.000			129.410	0.000	129.480	0.000	129.930	1.048
31	129.970	1.616 *	129.770	0.000			129.400	0.000			129.900	0.992
Ten-Daily Mean												
I Ten-Daily	130.120	2.816	129.884	0.699	129.750	0.000	129.537	0.000	129.483	0.000	129.980	3.559
II Ten-Daily	130.017	1.911	129.923	1.241	129.742	0.000	129.451	0.000	129.532	0.000	130.182	3.449
III Ten-Daily	130.026	2.038	129.765	0.000	129.724	0.000	129.461	0.000	129.498	0.000	129.993	1.715
Monthly												
Min.	129.970	1.616	129.730	0.000	129.630	0.000	129.360	0.000	129.400	0.000	129.460	0.000
Max.	130.260	4.132	130.020	1.911	129.830	0.000	129.610	0.000	129.570	0.000	130.605	11.83
Mean	130.054	2.248	129.855	0.626	129.740	0	129.482	0	129.504	0	130.050	2.869

Peak Computed Discharge = 32.75 cumecs on 10/09/2017 Corres. Water Level :131.04 m

Lowest Computed Discharge = 0.637 cumecs on 07/01/2018 Corres. Water Level :129.87 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

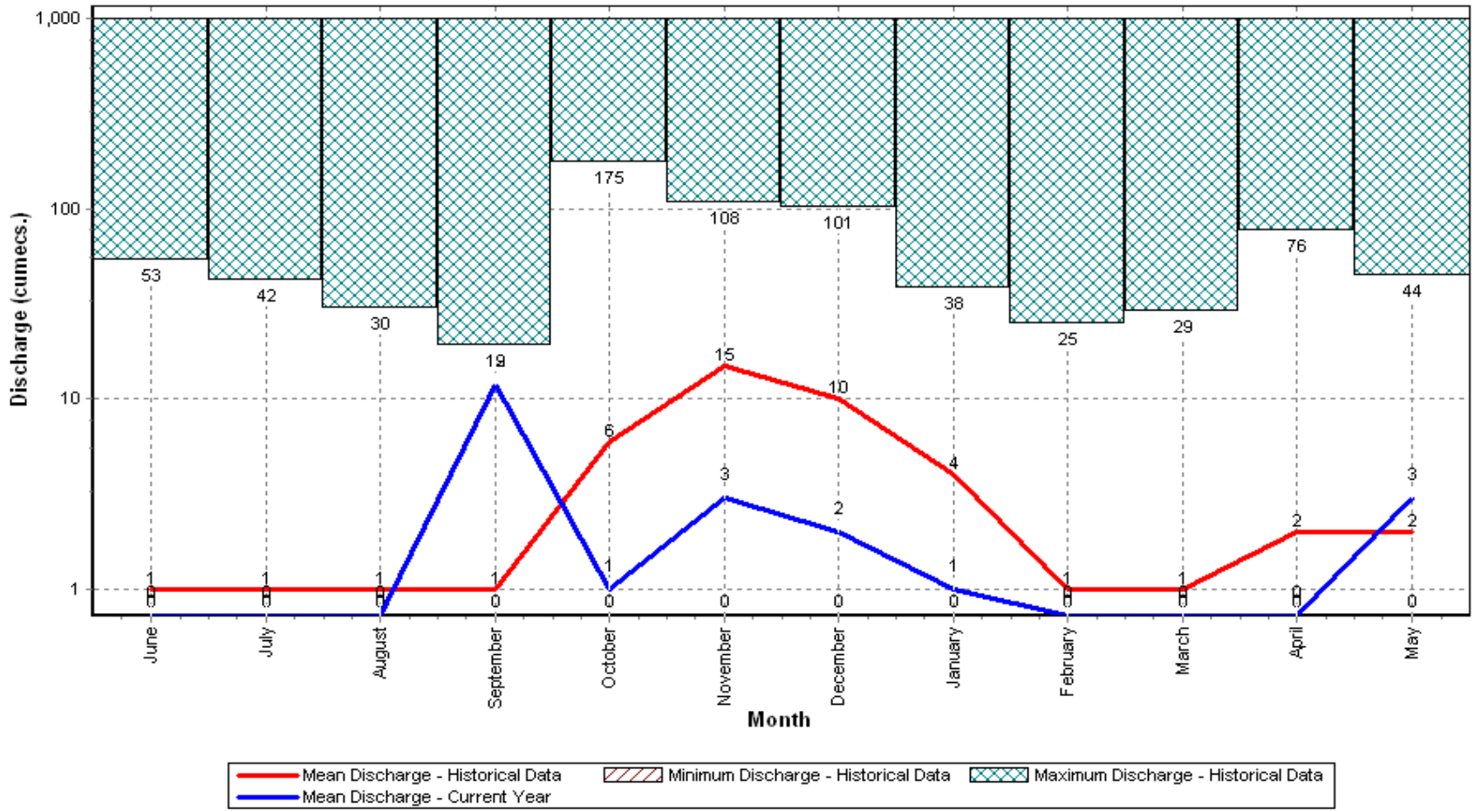
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) | **Data considered : 1999-2018** | **Division : SR Division, Coimbatore**

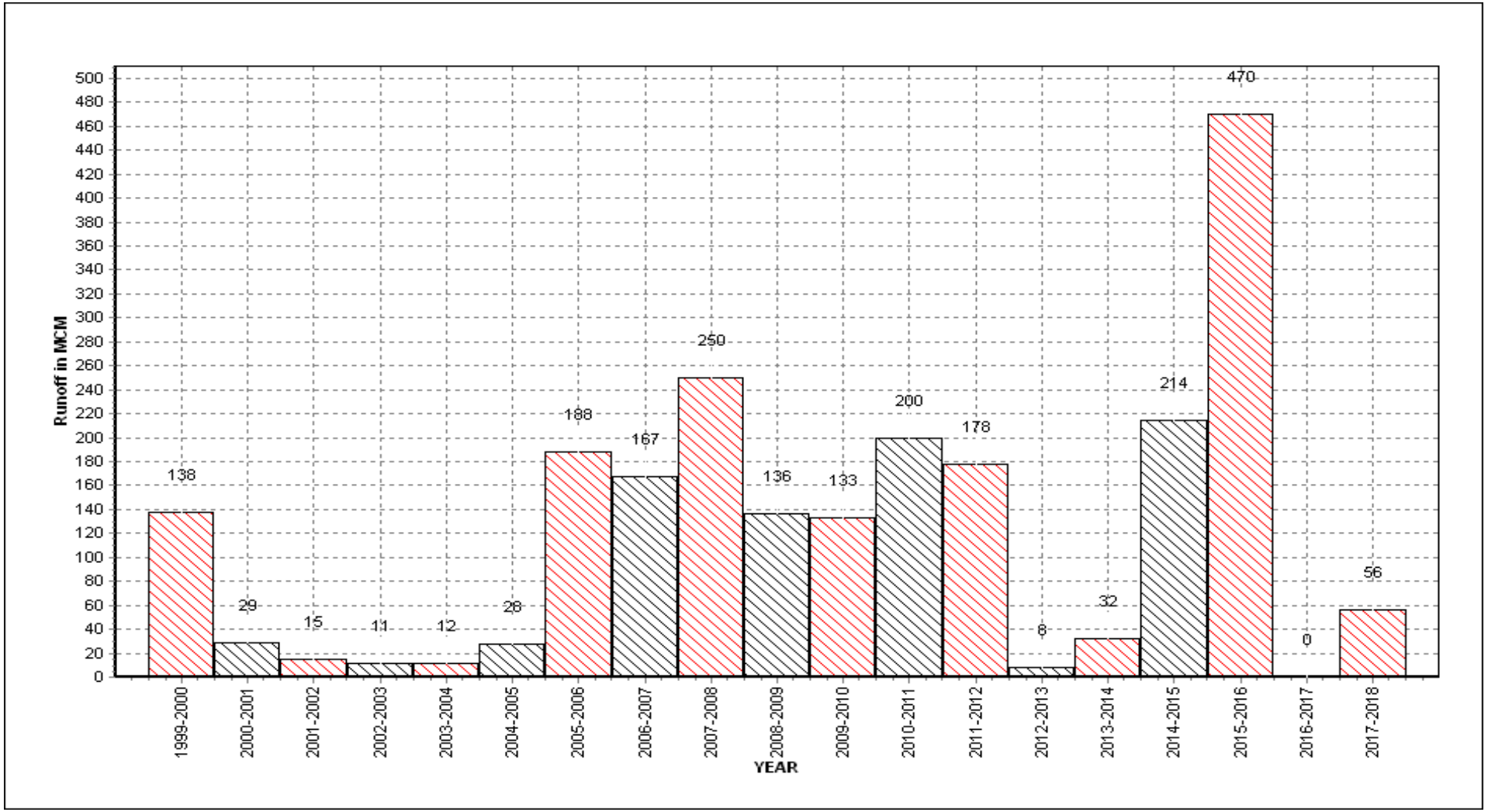
Local River : Noyyal | **Sub-Division : Lower Cauvery SD, Trichy**



Annual Runoff Values for the period: 1999 - 2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**

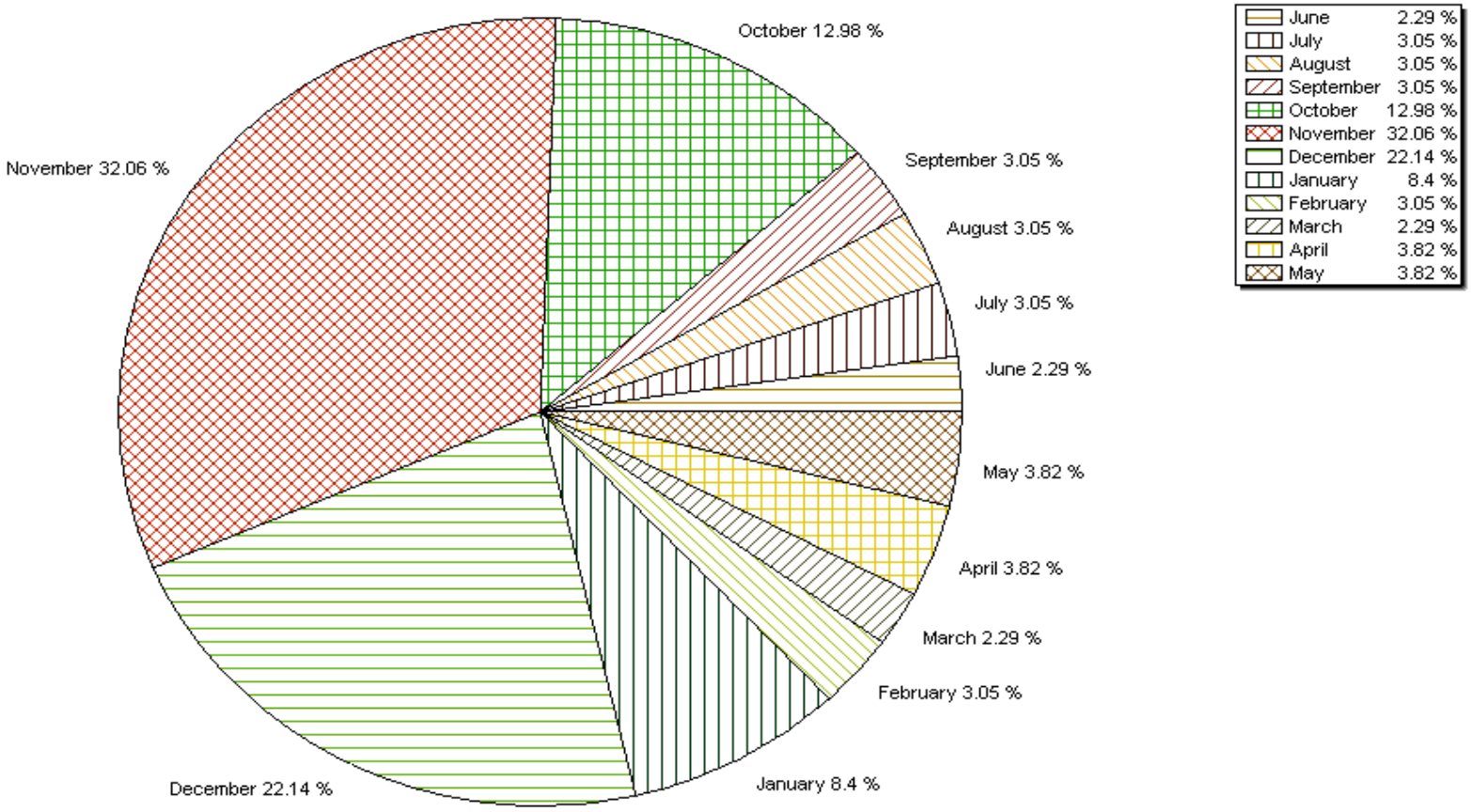


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2017

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

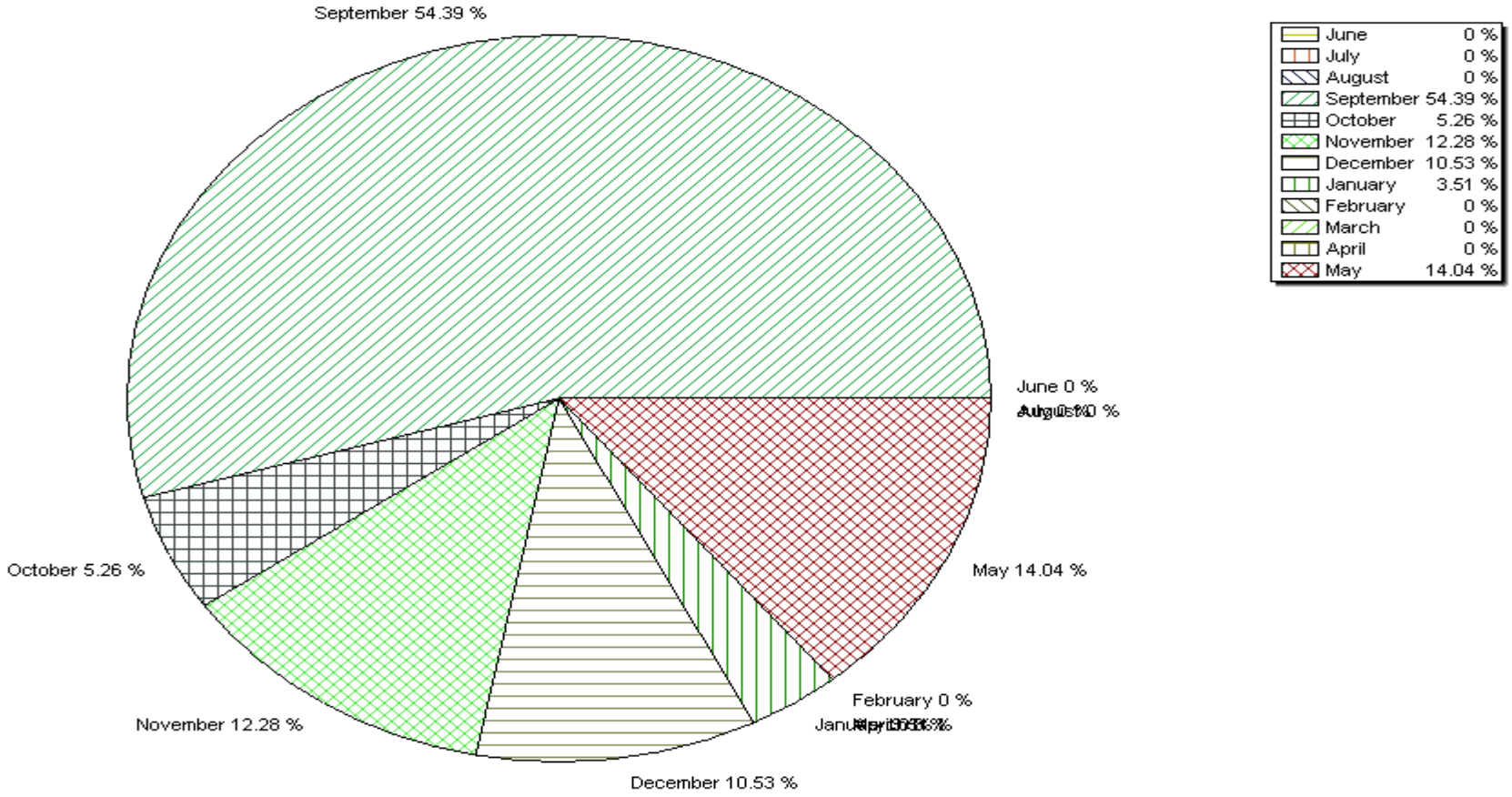
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**



Monthly Runoff for the Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

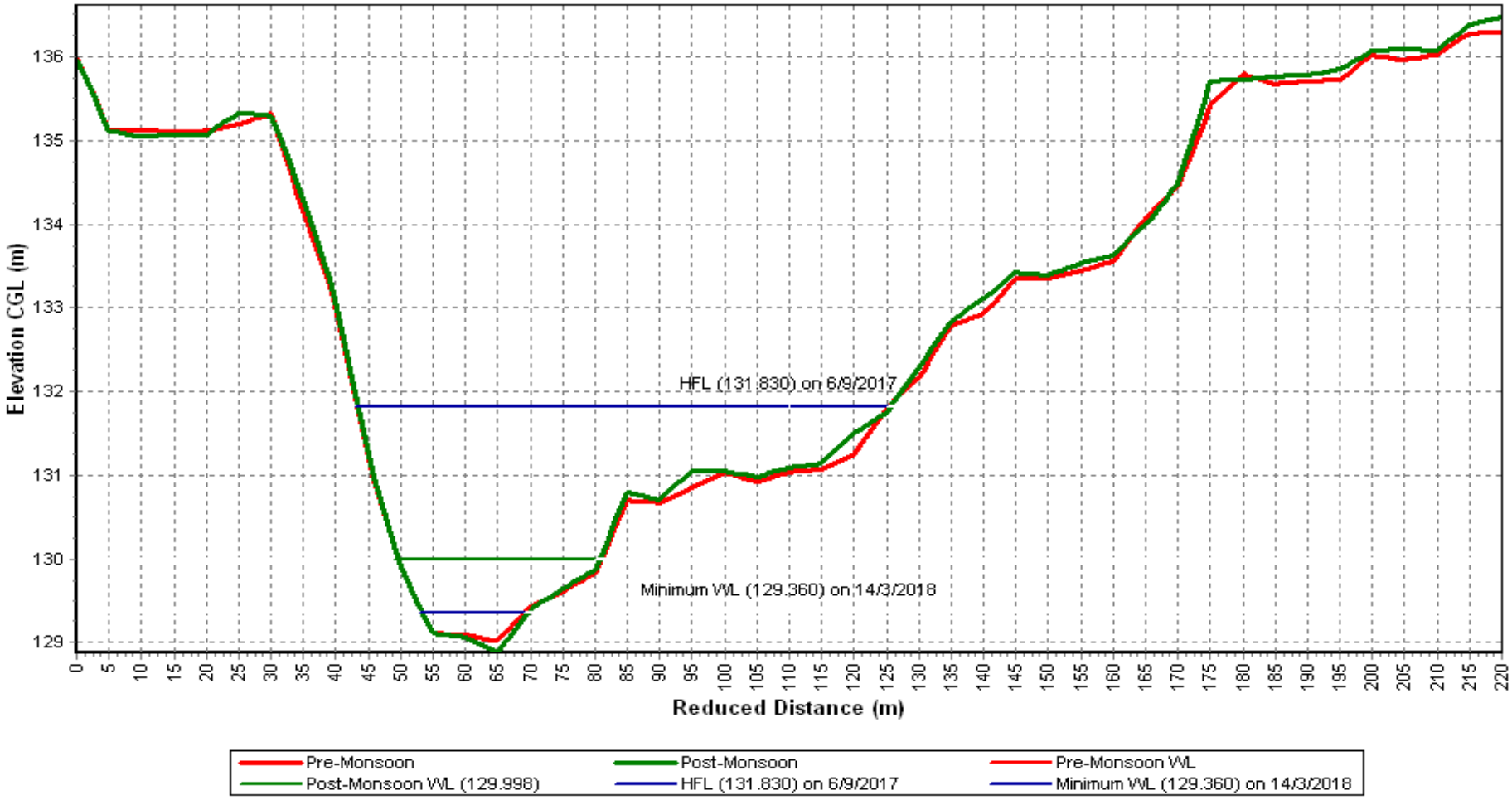
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

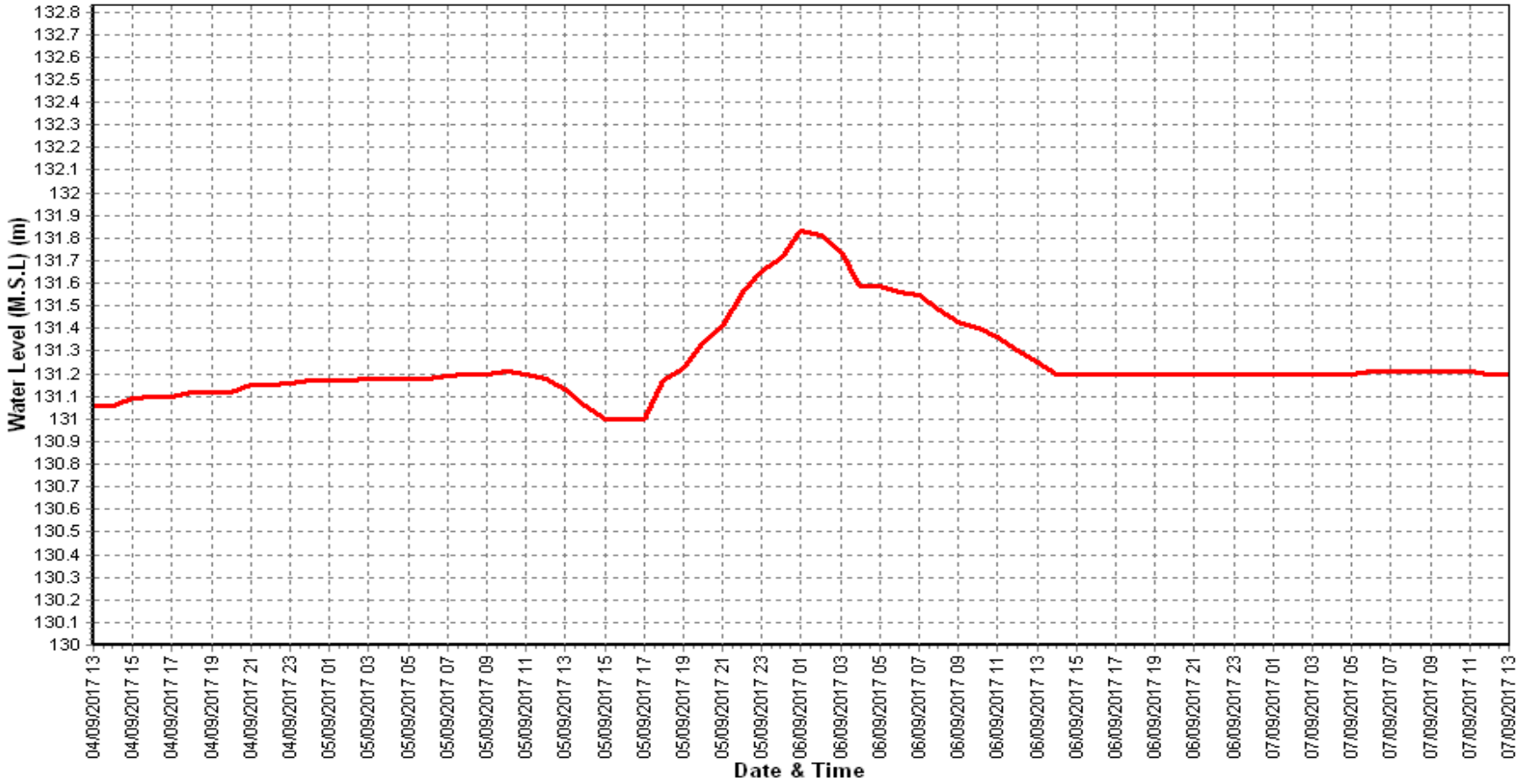
Local River : **Sub-Division : Lower Cauvery SD, Trichy**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**

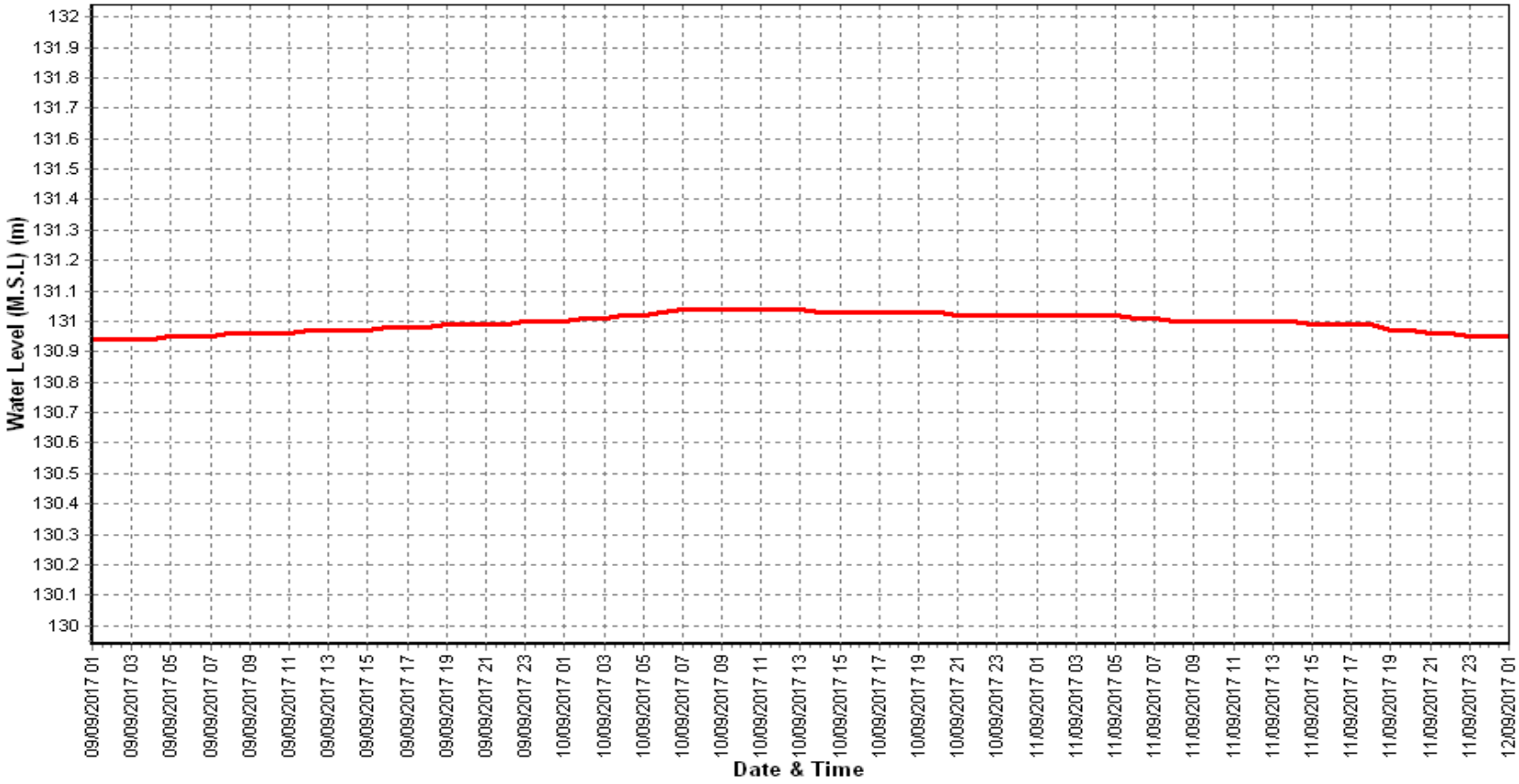


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**

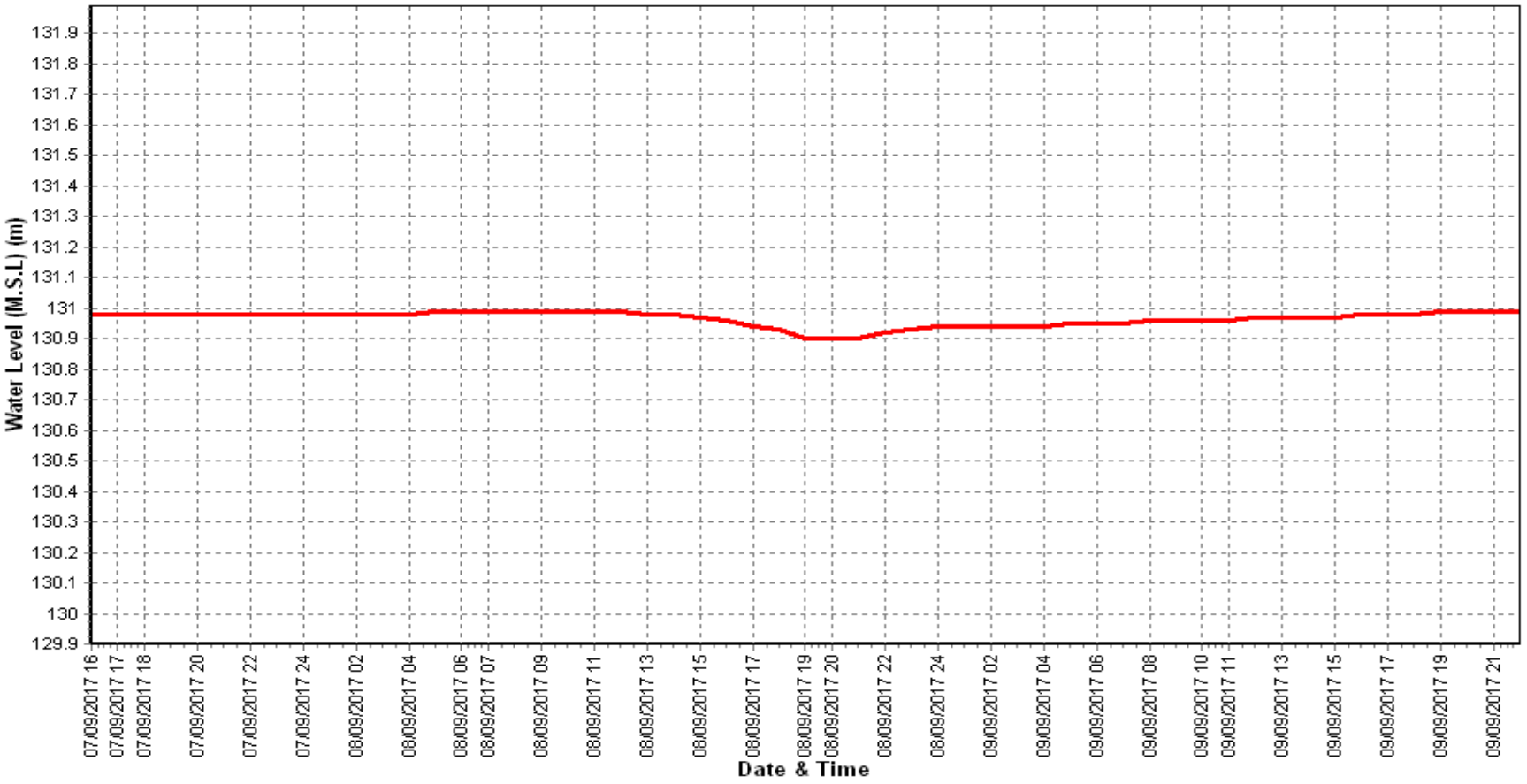


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**KODUMUDI**	**Code**	:	**CC000I7**
State	:	Tamil Nadu	District		Erode
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	-	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	:	SR Division, Coimbatore	Sub-Division	:	Lower Cauvery SD, Trichi
Drainage Area	:	53233 Sq. Km.	Bank	:	Right
Latitude	:	11°04'52"	Longitude	:	77°53'25"
Zero of Gauge (m)	:	121.000 (m.s.l) 121.570 (m.s.l)	05-05-1971 01-06-1987	-	31-05-1987
		Opening Date	Closing Date		
Gauge	:	05-05-1971			
Discharge	:	21-06-1971			
Sediment	:	11-07-1972			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1972-1973	3900	126.600	10-12-1972	12.90	122.150	13-06-1972
1973-1974	990.1	124.190	17-07-1973	18.40	121.950	01-03-1974
1974-1975	1231	124.420	02-10-1974	9.900	121.715	19-04-1975
1975-1976	2275	125.372	22-09-1975	6.300	121.685	01-07-1975
1976-1977	697.8	123.790	28-08-1976	3.300	121.560	02-12-1976
1977-1978	1143	124.388	13-11-1977	5.800	121.675	24-06-1977
1978-1979	4079	126.515	05-11-1978	16.30	121.800	12-05-1979
1979-1980	3750	126.440	14-08-1979	19.30	121.955	20-02-1980
1980-1981	4829	126.868	11-07-1980	7.800	121.565	14-05-1981
1981-1982	3100	126.050	13-09-1981	10.80	121.825	08-03-1982
1982-1983	617.0	123.575	18-08-1982	8.000	121.690	23-10-1982
1983-1984	1082	124.000	13-10-1983	1.200	121.505	06-06-1983
1984-1985	884.9	123.980	24-08-1984	8.000	121.760	03-02-1985
1985-1986	480.2	123.470	24-08-1985	4.200	121.580	27-01-1986
1986-1987	644.1	123.610	30-09-1986	2.900	121.540	03-06-1986
1987-1988	573.0	124.070	20-11-1987	4.031	122.070	24-02-1988
1988-1989	739.8	124.340	11-10-1988	4.249	122.150	14-06-1988
1989-1990	781.0	124.435	17-09-1989	1.386	122.060	24-06-1989

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Water Quality : 01-06-1978

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
1990-1991	596.8	124.155	08-09-1990	5.049	122.135	09-11-1990
1991-1992	1643	125.344	17-11-1991	0.000	122.155	08-06-1991
1992-1993	2122	125.800	22-08-1992	15.44	122.260	16-03-1993
1993-1994	657.2	124.131	15-09-1993	8.399	122.220	10-04-1994
1994-1995	2766	126.209	02-08-1994	5.289	122.110	14-05-1995
1995-1996	663.3	124.173	21-10-1995	5.492	122.135	03-02-1996
1996-1997	761.7	124.340	10-10-1996	7.208	122.170	16-07-1996
1997-1998	890.4	124.580	11-09-1997	6.000	122.170	16-11-1997
1998-1999	793.5	124.435	28-10-1998	19.72	122.210	02-02-1999
1999-2000	924.0	124.815	25-11-1999	19.30	122.240	28-02-2000
2000-2001	3140	127.090	11-10-2000	11.74	122.230	08-06-2000
2001-2002	602.4	124.095	24-07-2001	0.686	122.070	19-03-2002
2002-2003	529.5	123.830	10-09-2002	0.000	121.900	19-03-2003
2003-2004	562.0	123.910	12-10-2003	0.000	121.900	06-06-2003
2004-2005	565.8	123.950	23-08-2004	0.000	121.950	10-06-2004
2005-2006	6585	127.830	25-10-2005	6.420	122.170	10-07-2005
2006-2007	1613	125.170	21-08-2006	30.10	122.340	01-02-2007
2007-2008	4202	126.860	13-08-2007	28.69	122.280	31-01-2008
2008-2009	719.8	124.040	11-10-2008	26.38	122.150	31-01-2009
2009-2010	864.1	124.340	14-10-2009	26.70	122.170	08-06-2009
2010-2011	642.5	124.010	28-10-2010	26.39	122.150	02-02-2011
2011-2012	780.0	124.190	15-09-2011	40.30	122.250	10-01-2012
2012-2013	726.5	124.100	15-10-2012	0.000	121.890	09-04-2013
2013-2014	3074	126.460	06-08-2013	0.000	121.740	01-06-2013
2014-2015	783.7	124.070	14-09-2014	0.287	122.040	17-07-2014
2015-2016	903.0	124.450	05-11-2015	0.000	121.970	04-07-2015
2016-2017	607.1	123.930	16-10-2016	0.000	Dry Bed	30-03-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000	121.990	0.000		0.000	122.330	55.70 *	123.140	230.1
2		0.000		0.000	121.980	0.000	122.030	0.816 *	122.250	44.78 *	122.890	152.3
3		0.000		0.000	122.675	121.2	122.190	7.357 *	122.880	148.3	122.670	124.6
4		0.000		0.000	122.590	99.55	122.220	9.393	123.610	417.3	122.890	169.0 *
5		0.000		0.000	122.565	87.64	122.250	11.05	123.810	515.0	122.670	116.6 *
6		0.000		0.000	122.450	78.83 *	122.220	9.063	123.750	486.2	122.655	121.3
7		0.000	122.110	3.797	122.500	45.01 #	122.205	8.249	123.720	471.2	122.760	155.6
8		0.000	122.110	3.749	122.685	124.2	122.165	6.240	123.610	415.1 *	122.755	148.3
9		0.000	122.130	4.290 *	122.710	129.9	122.505	49.79	123.600	412.0	122.760	148.4
10		0.000	122.100	3.103	123.110	206.1	122.250	11.50 *	123.630	427.2	122.760	149.6
11		0.000	122.000	1.126	123.080	195.6	122.270	13.95	123.620	421.9	122.730	133.1
12		0.000	121.940	0.000	123.040	187.8	122.420	22.00	123.860	541.3	122.710	125.4 *
13		0.000	121.920	0.000	122.710	33.28 *	122.460	31.98	123.860	541.3	122.655	117.1
14		0.000		0.000	122.355	12.34	123.290	290.2	123.880	552.2	122.710	134.8
15		0.000		0.000	122.340	12.39 *	123.300	294.0	123.720	463.1 *	123.070	208.4
16		0.000		0.000	122.160	6.044	123.260	280.8	123.700	458.7	123.110	222.0
17		0.000		0.000	122.090	3.289	122.710	135.0 *	123.820	520.0	123.140	232.8
18		0.000		0.000	122.030	2.310	122.750	143.9	123.880	537.9 *	123.070	208.4
19		0.000	122.350	16.88	122.190	7.412	122.585	94.23	124.010	623.5	123.110	231.9 *
20		0.000	122.340	15.54	122.160	5.546 *	122.450	35.16	123.900	563.2	123.100	218.9
21		0.000	122.280	10.35	122.150	5.502	122.530	53.10	123.930	579.1	123.100	218.9
22		0.000	122.330	13.90	122.100	3.722	122.460	37.55	123.630	423.6 *	123.090	215.3
23		0.000	122.350	14.19 *	122.110	3.689	122.460	38.54	123.620	421.9	123.090	215.3
24		0.000	122.425	17.62	122.100	3.463	122.450	39.17 *	123.660	440.5	123.070	208.4
25		0.000	122.410	15.72	122.030	0.816 *	122.510	49.70	123.630	427.2	123.100	218.9
26		0.000	122.255	8.038	121.930	0.000	122.615	105.0	123.630	423.2	123.090	225.7 *
27		0.000	122.510	49.39 #		0.000	122.330	16.59	123.650	436.2	123.140	232.8
28		0.000	122.440	23.52		0.000	122.450	37.80	123.710	466.2	123.120	225.8
29		0.000	122.220	5.089		0.000	122.285	14.21	123.350	312.7 *	123.040	190.2
30		0.000	122.130	2.854 *		0.000	122.270	47.39 *	123.430	366.8	123.010	180.5
31			122.040	1.005		0.000			123.250	271.5		
Ten-Daily Mean												
I Ten-Daily		0.000	122.113	1.494	122.525	89.24	122.226	11.35	123.319	339.3	122.795	151.6
II Ten-Daily		0.000	122.110	3.355	122.416	46.61	122.749	134.1	123.825	522.3	122.941	183.3
III Ten-Daily		0.000	122.308	14.70	122.070	1.563	122.436	43.91	123.590	415.4	123.085	213.2
Monthly												
Min.		0.000	121.920	0.000	121.930	0.000	122.030	0.000	122.250	44.78	122.655	116.6
Max.		0.000	122.510	49.39	123.110	206.1	123.300	294.0	124.010	623.5	123.140	232.8
Mean		0	122.220	6.78	122.378	44.38	122.479	63.12	123.578	425.3	122.940	182.7

Annual Runoff in MCM = 2831 Annual Runoff in mm = 53

Peak Observed Discharge = 623.5 cumecs on 19/10/2017 Corres. Water Level :124.01 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	122.670	124.1 #	123.295	301.3	122.050	2.227		0.000	121.960	0.000	122.105	2.444
2	122.710	40.45 *	123.310	314.6	122.050	2.242		0.000	121.920	0.000	122.150	3.328
3	122.590	30.04 *	123.300	313.6	122.060	2.765	121.910	0.000	121.880	0.000	122.140	2.914
4	122.310	13.39	123.345	340.2	122.370	15.60 *	121.890	0.000		0.000	122.160	3.507
5	122.240	8.259	123.330	330.3	122.050	2.197		0.000		0.000	122.160	2.801
6	122.430	31.31 #	123.335	336.2	122.060	2.839		0.000		0.000	122.130	2.789 *
7	122.160	5.601	123.310	300.3 *	122.050	2.237		0.000		0.000	122.155	3.442
8	122.150	5.088	122.630	109.1	122.060	2.897		0.000		0.000	122.145	3.083
9	122.165	5.904	122.540	51.41	122.095	3.317		0.000		0.000	122.155	3.386
10	122.650	35.05 *	122.530	48.46	122.120	4.027		0.000		0.000	122.160	3.601
11	122.180	6.436	122.540	50.65	122.090	3.215 *		0.000		0.000	122.100	2.252
12	122.090	3.577	122.600	103.9	122.060	2.461		0.000		0.000	122.150	3.169
13	122.090	3.491	122.580	91.12	122.060	2.313	121.920	0.000		0.000	122.520	34.11 *
14	122.040	2.721	122.600	109.4 *	122.045	2.173	121.940	0.000		0.000	122.540	52.19
15	123.260	280.8	122.580	91.75	122.030	2.933 #	121.960	0.000		0.000	122.570	98.82
16	123.250	282.6	122.545	53.07	122.040	2.112	121.870	0.000		0.000	122.570	97.63
17	123.210	268.1 *	122.550	56.57	122.050	2.019	122.170	5.681		0.000	122.540	52.87
18	123.240	276.6	122.585	96.50	122.020	1.686 *	122.090	3.000 *	122.060	2.745	122.590	109.4
19	123.230	265.9	123.340	332.5	122.020	1.754	122.020	1.420	122.190	6.109	122.490	45.73
20	123.220	268.3	123.310	323.3	122.000	1.394	122.530	48.26	122.205	6.703	122.430	32.31 *
21	123.245	286.2	123.070	209.9 *	121.950	0.000	122.510	45.09	122.155	3.813	122.410	29.68
22	123.250	279.4	123.140	234.0	121.910	0.000	122.495	40.51	122.105	2.343 *	122.400	25.08
23	123.140	232.8	123.130	230.9	121.890	0.000	122.390	21.49	122.035	1.053	122.240	7.311
24	123.090	227.3 *	123.080	214.1	121.870	0.000	122.410	23.89	122.280	7.270	122.120	3.319
25	123.070	220.8 *	123.090	217.3	121.870	0.000	122.170	5.109 *	122.320	10.00	122.260	8.211
26	123.050	193.2	122.550	49.67 *		0.000	122.040	1.880	122.225	4.678	122.300	10.18
27	123.070	208.6	122.545	54.40		0.000	121.960	0.000	122.170	3.951	122.280	8.354 *
28	123.040	190.2	122.430	28.07 *		0.000	121.930	0.000	122.310	9.056	122.160	3.649
29	123.070	208.6	122.370	18.19			121.890	0.000	122.320	8.830 *	122.110	3.032
30	123.340	323.2	122.115	3.705			121.950	0.000	122.200	4.637 *	122.010	1.707
31	123.260	285.8 *	122.060	2.785			122.000	1.390			121.940	0.000
Ten-Daily Mean												
I Ten-Daily	122.408	29.92	123.093	244.6	122.096	4.035	121.900	0.000	121.920	0.000	122.146	3.130
II Ten-Daily	122.781	165.9	122.723	130.9	122.042	2.206	122.063	5.836	122.152	1.556	122.450	52.84
III Ten-Daily	123.148	241.5	122.689	114.8	121.898	0.000	122.159	12.67	122.212	5.563	122.203	9.138
Monthly												
Min.	122.040	2.721	122.060	2.785	121.870	0.000	121.870	0.000	121.880	0.000	121.940	0.000
Max.	123.340	323.2	123.345	340.2	122.370	15.60	122.530	48.26	122.320	10.00	122.590	109.4
Mean	122.791	148.8	122.830	161.8	122.035	2.229	122.097	6.378	122.146	2.373	122.264	21.3

Peak Computed Discharge = 537.9 cumecs on 18/10/2017 **Corres. Water Level :123.88 m**

Lowest Computed Discharge = 0.816 cumecs on 25/08/2017 **Corres. Water Level :122.03 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

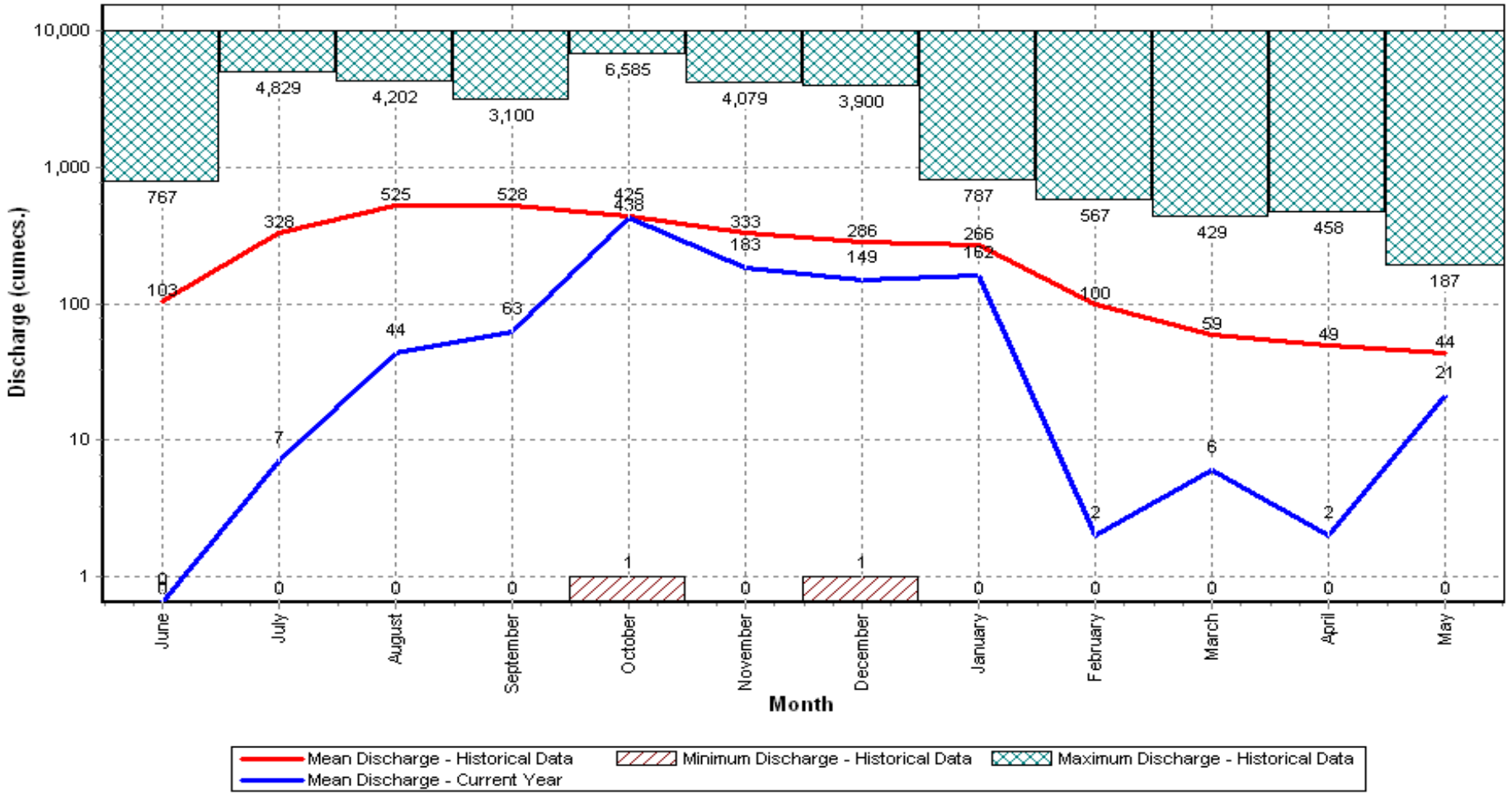
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Kodumudi (CC000I7) | **Data considered : 1972-2018** | **Division : SR Division, Coimbatore**

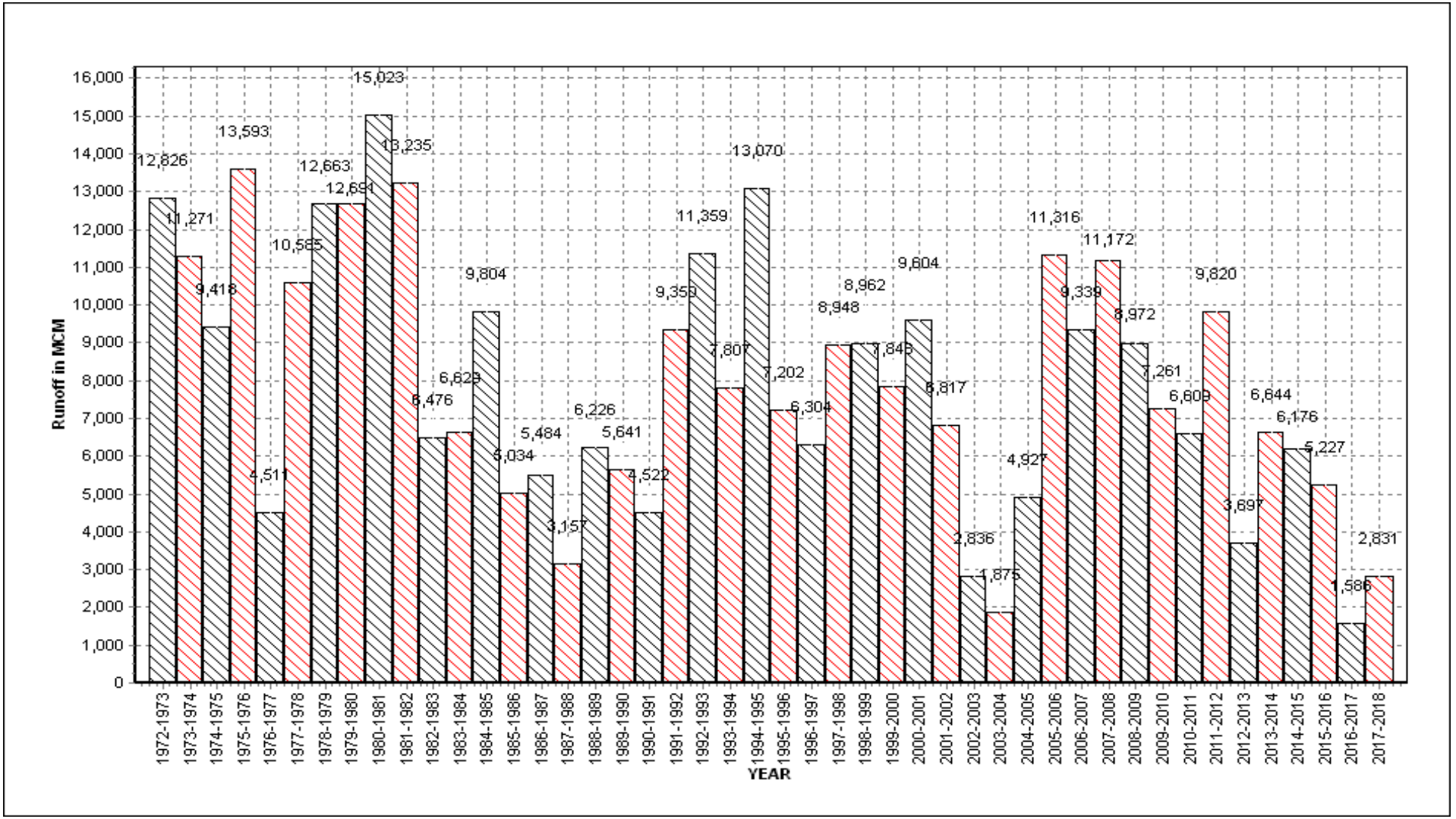
Local River : Cauvery | **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1972 - 2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River :Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

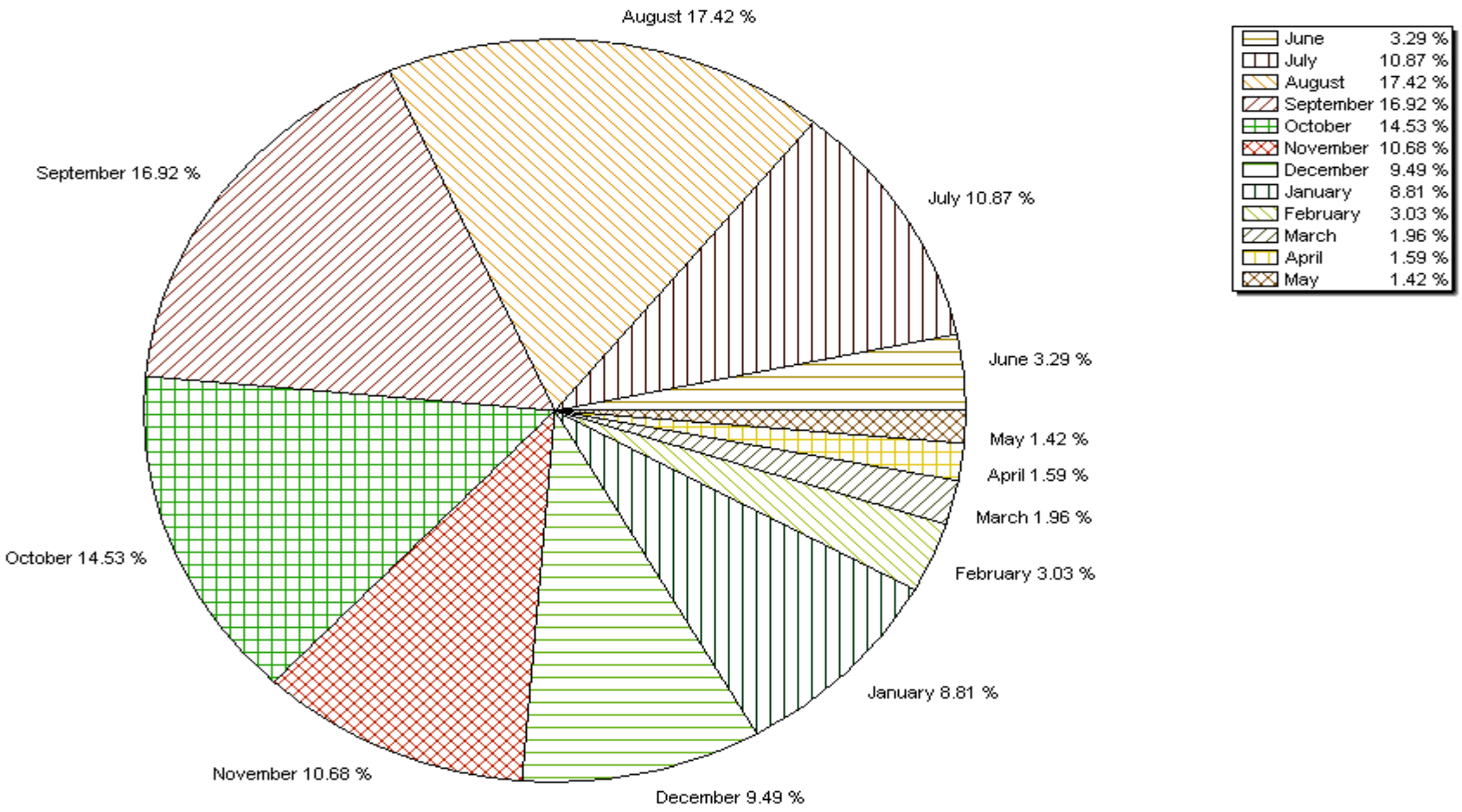


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1972-2017

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



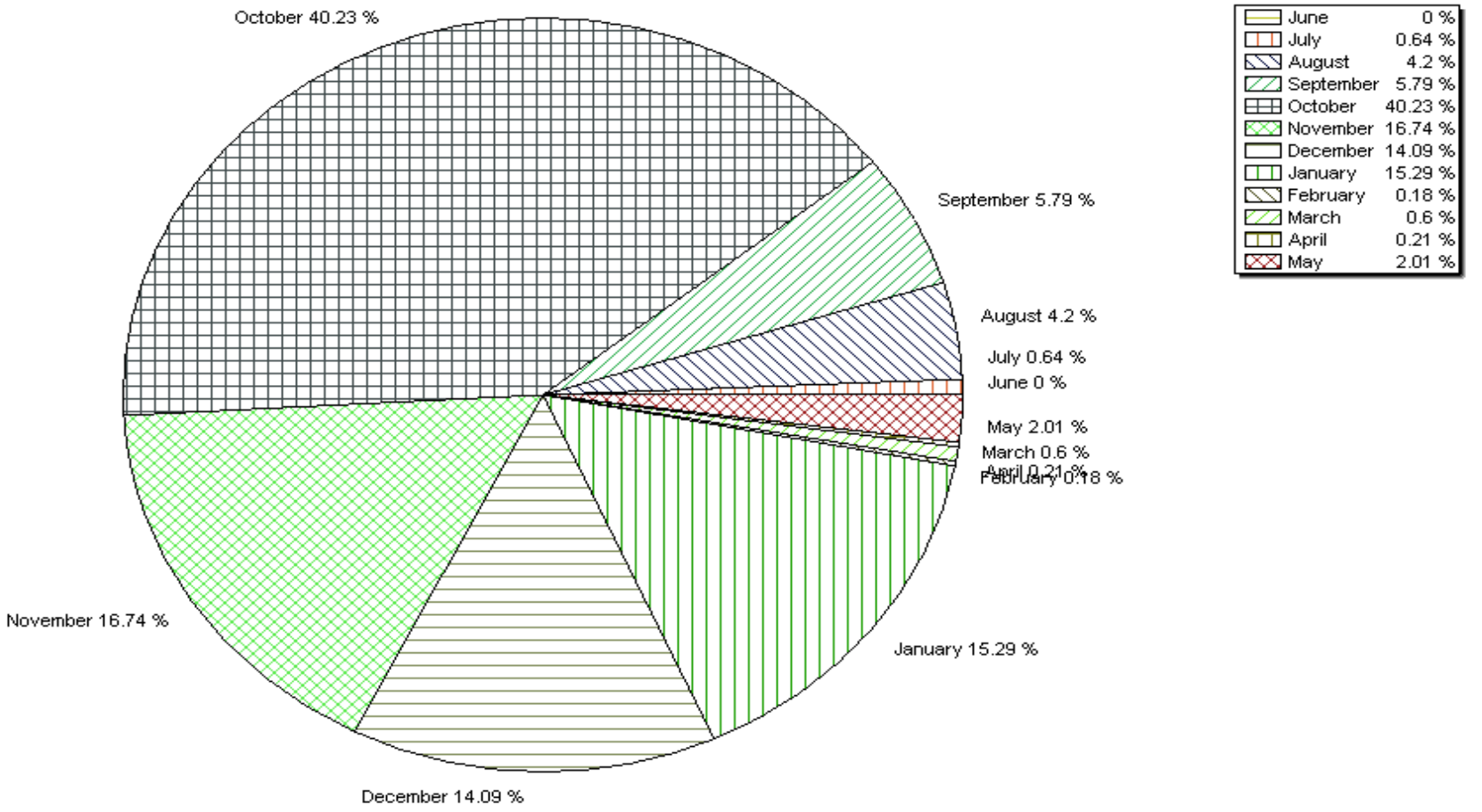
Monthly Runoff for the Year : 2017-2018

Station Name : Kodumudi (CC000I7)

Division : SR Division, Coimbatore

Local River : CAuvery

Sub-Division : Lower Cauvery SD, Trichi



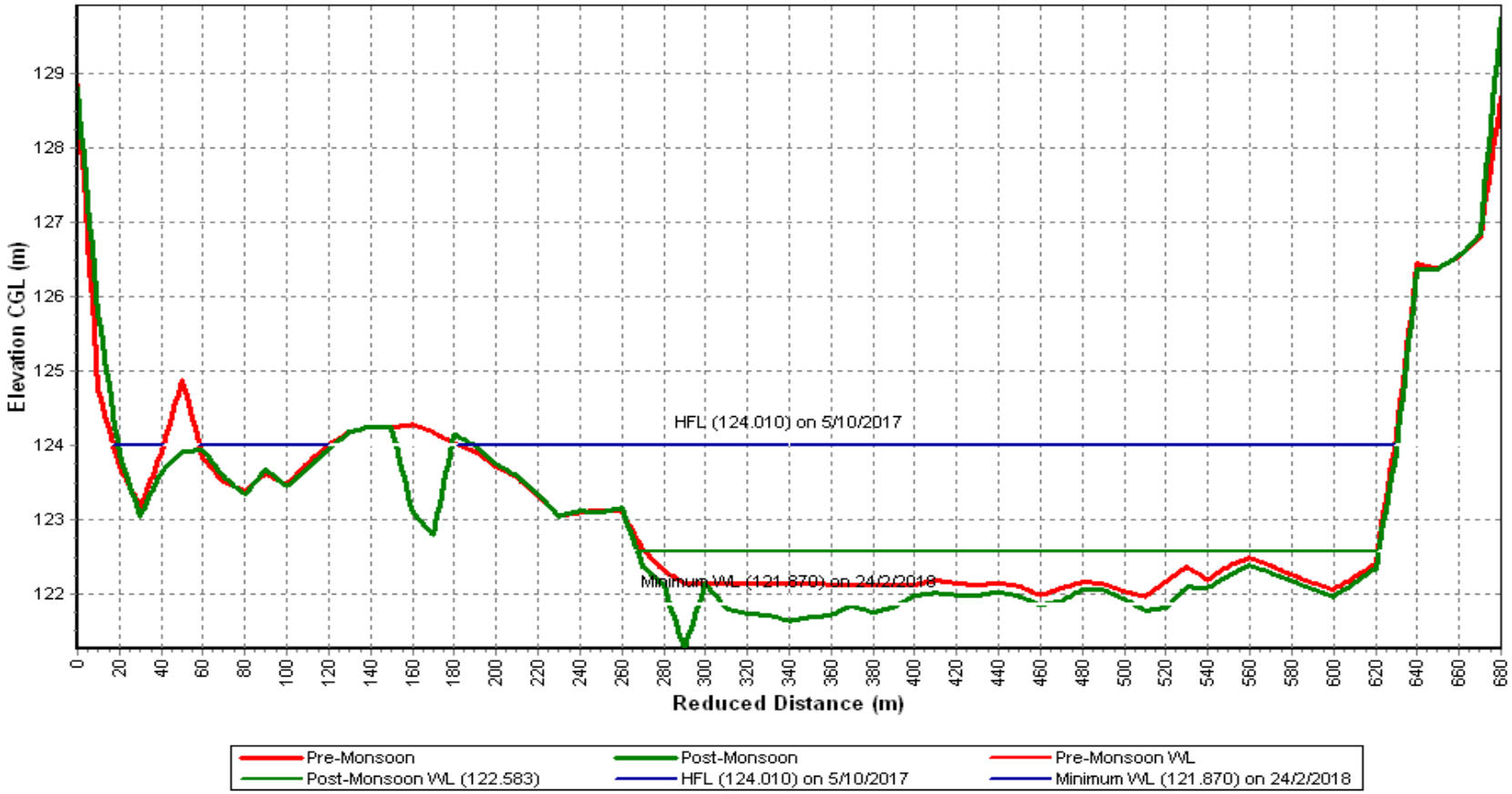
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Kodumudi (CC000I7)

Division : SR Division, Coimbatore

Local River : Cauvery

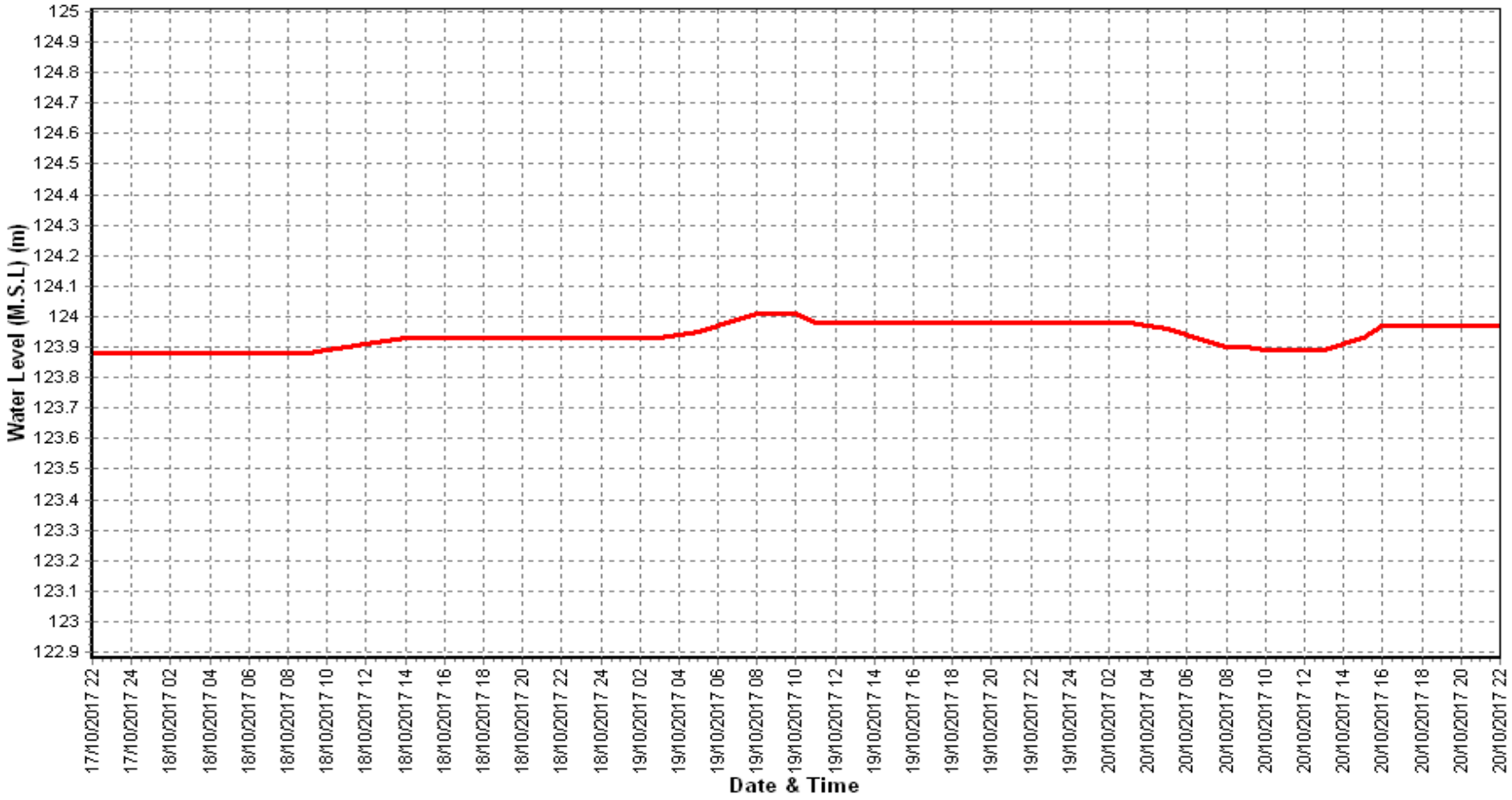
Sub-Division : Lower Cauvery SD, Trichi



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

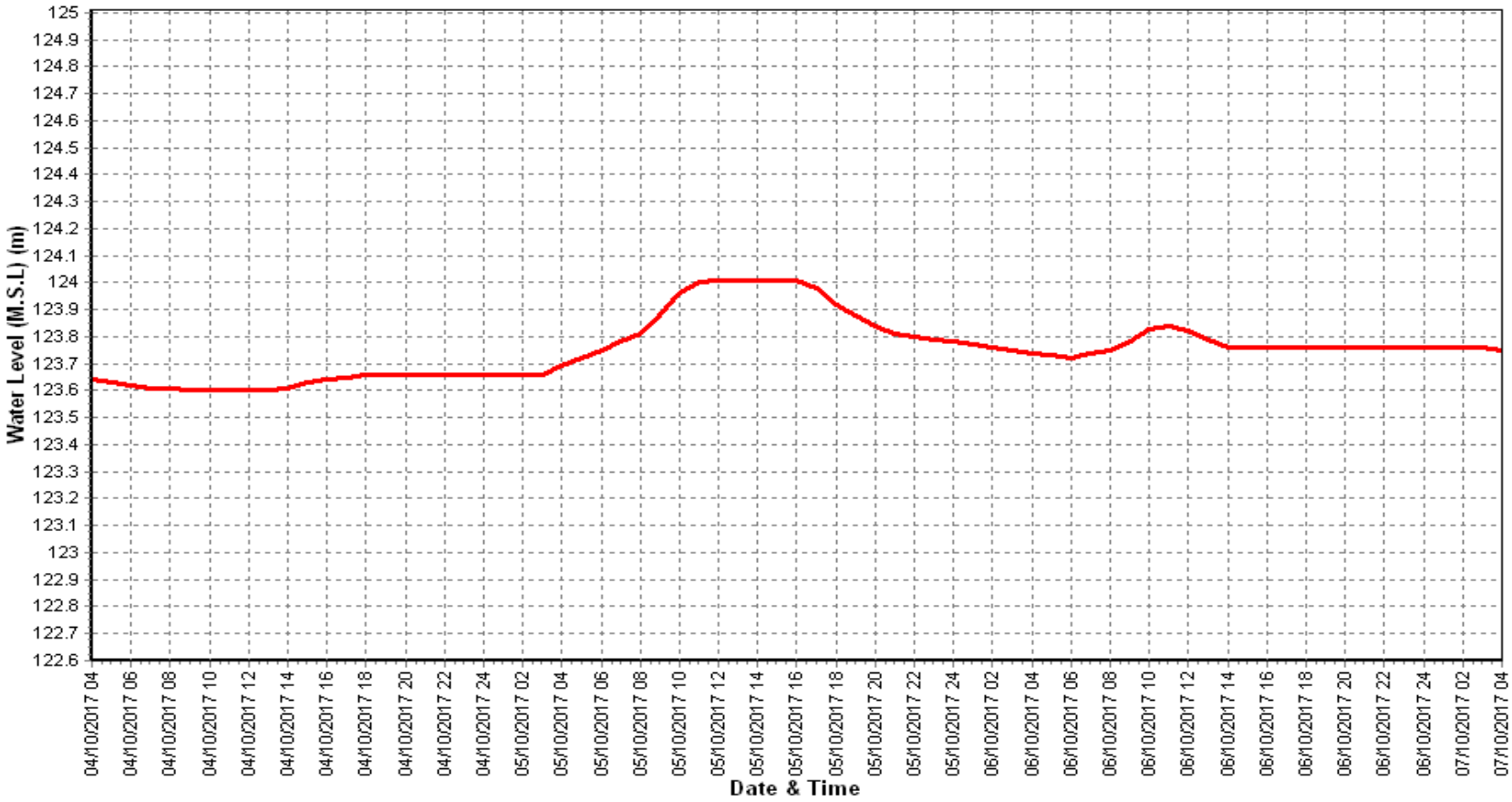


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**

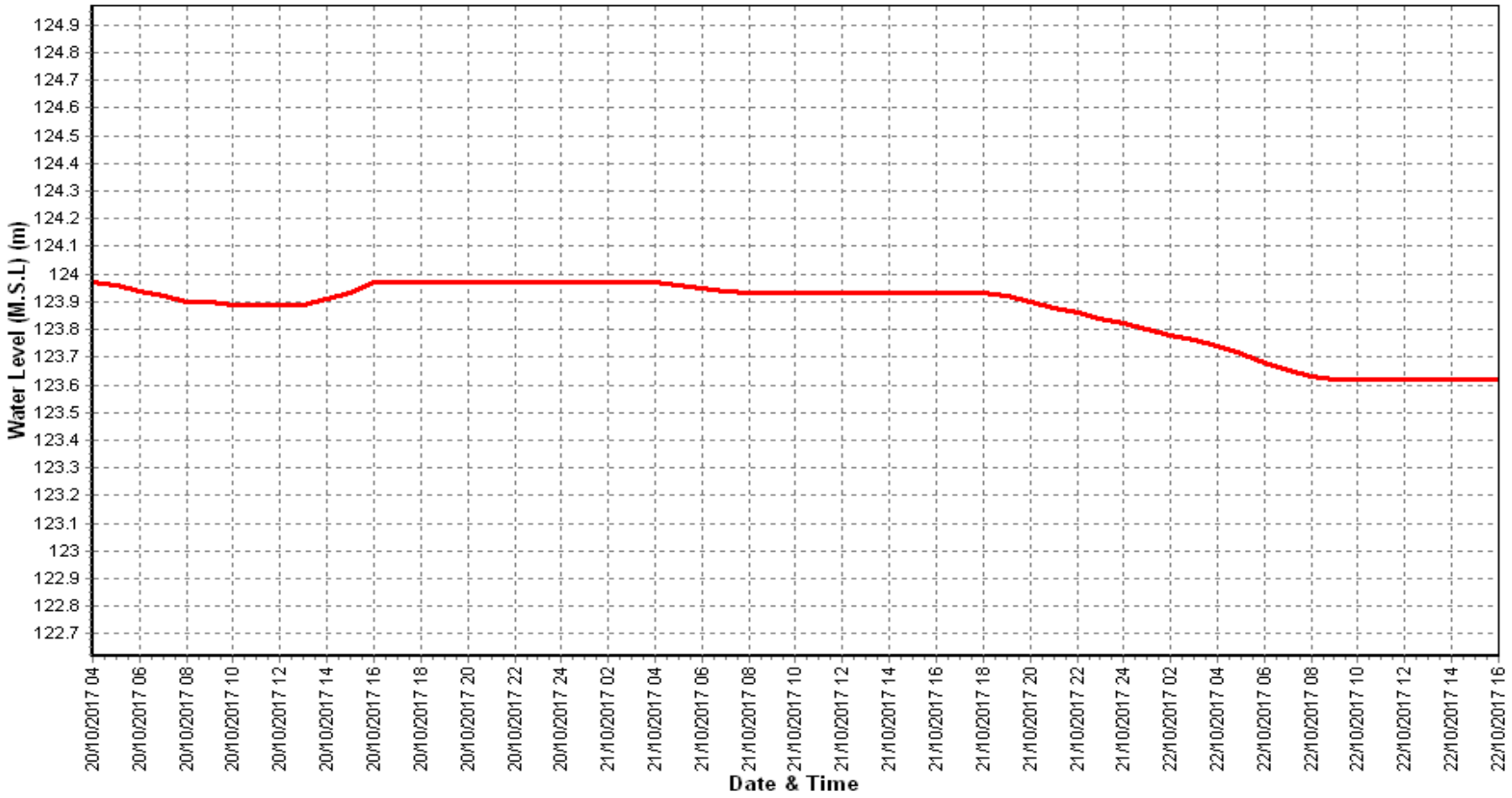


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**:**	**SAVANDAPUR**	**Code**	**:**	**CCG00E3**
State	:	Tamil Nadu	District		Erode
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Bhavani	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Bhavani
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	5776 Sq. Km.	Bank	:	Right
Latitude	:	11°31'17"	Longitude	:	77°30'36"
Zero of Gauge (m)	:	180.000 (m.s.l) 179.000 (m.s.l)	25-06-1977 01-06-1985	-	31-05-1985
		Opening Date	Closing Date		
Gauge	:	25-06-1977			
Discharge	:	17-07-1978			
Sediment	:	24-04-1979			
Water Quality	:	02-04-1979			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1978-1979	1425	186.850	05-11-1978	5.000	181.620	01-06-1978
1979-1980	1446	186.878	20-11-1979	6.200	181.550	18-02-1980
1980-1981	668.2	184.895	04-07-1980	3.400	181.460	13-05-1981
1981-1982	248.8	183.335	03-08-1981	4.700	181.450	19-04-1982
1982-1983	220.6	183.280	06-08-1982	0.300	181.305	01-05-1983
1983-1984	220.7	183.185	03-11-1983	0.400	181.280	06-06-1983
1984-1985	171.0	183.360	04-10-1984	1.500	181.405	14-05-1985
1985-1986	215.9	182.760	27-12-1985	1.400	180.720	07-05-1986
1986-1987	48.90	181.480	13-10-1986	0.500	180.600	11-05-1987
1987-1988	225.5	182.718	29-02-1988	2.697	180.705	09-06-1987
1988-1989	55.81	181.580	14-09-1988	1.861	180.695	11-05-1989
1989-1990	76.00	181.760	03-09-1989	3.000	180.740	13-05-1990
1990-1991	103.4	182.027	14-10-1990	1.120	180.635	17-05-1991
1991-1992	123.1	182.057	09-11-1991	0.687	180.640	18-04-1992
1992-1993	839.6	184.450	17-11-1992	9.173	180.912	26-09-1992
1993-1994	117.8	182.050	13-02-1994	8.394	180.775	11-06-1993
1994-1995	442.7	183.570	07-11-1994	6.960	180.830	24-08-1994
1995-1996	135.0	182.570	27-12-1995	0.479	180.380	13-05-1996

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Water Quality : 02-04-1979

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
1996-1997	59.13	181.600	15-10-1996	4.974	180.710	03-06-1996
1997-1998	88.62	181.995	31-10-1997	6.624	180.700	11-03-1998
1998-1999	125.5	182.080	08-11-1998	8.300	180.790	01-05-1999
1999-2000	98.70	182.100	23-11-1999	0.723	180.320	17-05-2000
2000-2001	119.0	182.450	01-12-2000	4.644	180.600	19-04-2001
2001-2002	32.58	181.200	26-10-2001	0.590	180.280	11-04-2002
2002-2003	75.34	181.640	28-10-2002	0.217	180.260	17-04-2003
2003-2004	318.9	183.100	18-01-2004	0.000	Dry Bed	20-09-2003
2004-2005	39.85	181.410	01-02-2005	0.479	180.300	17-06-2004
2005-2006	290.2	183.030	26-11-2005	3.824	180.590	08-03-2006
2006-2007	577.8	183.840	05-07-2006	4.268	180.600	02-05-2007
2007-2008	109.6	182.200	15-08-2007	4.609	180.610	15-02-2008
2008-2009	75.00	181.690	21-10-2008	4.298	180.790	20-03-2009
2009-2010	107.2	182.750	13-10-2009	2.242	180.820	27-05-2010
2010-2011	489.6	183.342	10-11-2010	3.809	180.820	29-04-2011
2011-2012	171.9	182.600	07-11-2011	2.771	180.730	06-05-2012
2012-2013	101.3	182.080	19-02-2013	1.242	180.640	24-02-2013
2013-2014	90.57	181.920	17-10-2013	1.235	180.680	13-02-2014
2014-2015	497.9	183.320	28-10-2014	1.313	180.620	26-05-2015
2015-2016	138.0	182.150	12-10-2015	2.302	180.700	25-05-2016
2016-2017	25.96	181.190	19-08-2016	0.323	180.570	17-01-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	180.680	1.867	181.030	16.91	180.770	3.872	180.800	4.959	180.720	2.799 *	180.890	8.118
2	180.720	2.644	181.220	27.07 *	180.790	4.451	180.800	5.107 *	180.700	2.323 *	180.890	8.187
3	180.740	3.280	181.200	24.80	180.770	3.609	180.900	8.868 *	180.680	2.291	180.900	8.256
4	180.740	3.316 *	181.190	23.78	180.720	2.587	180.920	9.812	180.680	2.189	180.880	8.040 *
5	180.690	2.028	181.120	19.53	180.790	4.225	180.750	3.798	180.670	1.936	180.890	8.450 *
6	180.680	1.868	181.120	20.25	180.800	5.107 *	180.770	4.361	180.940	11.16	181.030	16.89
7	180.870	7.304	181.110	18.78	180.750	3.581	180.940	10.77	181.000	15.46	181.220	26.17
8	180.740	3.358	181.030	16.21	180.760	3.798	180.740	3.419	181.200	25.67 *	181.060	16.52
9	180.800	5.089	180.740	3.316 *	180.750	3.615	180.920	10.17	181.020	16.66	180.960	11.90
10	180.740	3.376	180.720	2.653	180.760	3.795	180.900	8.868 *	181.010	16.14	180.890	8.156
11	180.740	3.316 *	180.710	2.484	180.840	6.285	180.730	3.234	180.940	10.48	180.900	8.600
12	180.720	2.597	180.670	1.606	180.840	6.270	180.770	4.329	181.120	20.86	180.880	8.040 *
13	180.670	1.601	180.670	1.566	180.830	6.135 *	180.780	4.620	181.130	21.54	181.030	14.67
14	180.670	1.628	180.670	1.640	180.780	4.196	180.710	2.919	181.140	21.99	181.040	15.09
15	180.670	1.557	180.660	1.456	180.800	5.107 *	180.780	4.571	181.130	21.03 *	181.040	15.09
16	180.670	1.544	180.650	1.315 *	180.840	5.763	180.700	2.421	181.110	20.19	180.980	12.32
17	180.720	2.552	180.660	1.389	180.820	5.464	180.710	2.556 *	181.120	20.86	181.010	13.33
18	180.640	1.145 *	180.630	1.164	180.800	5.028	180.710	2.775	181.090	18.57 *	180.950	11.44
19	180.770	4.124	180.650	1.283	180.790	4.843	180.710	2.731	181.070	17.67	180.900	8.868 *
20	180.770	4.002	180.740	3.544	180.780	4.470 *	180.670	1.970	181.010	16.14	180.800	5.041
21	180.770	4.059	180.760	3.976	180.770	4.061	180.670	2.034	180.840	5.987	180.780	4.572
22	180.810	5.413	180.780	4.399	180.750	3.720	180.740	3.415	180.960	11.58 *	180.870	7.130
23	180.800	4.928	180.750	3.590 *	180.780	4.419	180.710	2.690	181.030	16.89	180.950	11.44
24	180.780	4.308	180.750	3.699	180.740	3.494	180.700	2.323 *	181.030	16.89	180.960	11.90
25	180.790	4.784 *	180.710	2.361	180.720	2.799 *	180.720	2.794	181.170	23.36	181.010	13.33
26	180.770	4.167 *	180.700	2.319	180.730	3.210	180.720	2.854	181.040	17.15	181.050	16.26 *
27	180.770	4.114	180.710	2.523	180.740	3.316 *	180.740	3.392	180.930	8.738	181.040	15.09
28	180.770	4.083	180.710	2.510	180.810	5.239	180.740	3.420	181.000	15.46	181.060	16.52
29	180.780	4.355	180.710	2.455	180.830	5.640	180.750	3.677	180.850	6.869 *	180.980	12.32
30	180.760	3.804	180.720	2.799 *	180.800	4.931	180.730	3.052 *	180.870	6.949	180.950	11.44
31			180.780	4.233	180.770	4.144			180.900	8.583		
Ten-Daily Mean												
I Ten-Daily	180.740	3.413	181.048	17.33	180.766	3.864	180.844	7.012	180.862	9.663	180.961	12.07
II Ten-Daily	180.704	2.407	180.671	1.745	180.812	5.356	180.727	3.213	181.086	18.93	180.953	11.25
III Ten-Daily	180.780	4.402	180.735	3.169	180.767	4.088	180.722	2.965	180.965	12.59	180.965	12.00
Monthly												
Min.	180.640	1.145	180.630	1.164	180.720	2.587	180.670	1.970	180.670	1.936	180.780	4.572
Max.	180.870	7.304	181.220	27.07	180.840	6.285	180.940	10.77	181.200	25.67	181.220	26.17
Mean	180.741	3.407	180.815	7.278	180.781	4.425	180.764	4.397	180.971	13.69	180.960	11.77

Annual Runoff in MCM = 263 Annual Runoff in mm = 46

Peak Observed Discharge = 26.17 cumecs on 07/11/2017 Corres. Water Level :181.22 m

Lowest Observed Discharge = 1.164 cumecs on 18/07/2017 Corres. Water Level :180.63 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	180.890	8.221	181.100	19.51	181.120	20.86	180.770	4.201	180.720	2.747 *	181.010	10.40
2	181.210	25.04 *	181.090	18.73	181.100	19.51	180.770	4.002	180.770	3.686	180.890	7.677
3	180.910	8.890 *	181.090	18.73	180.920	9.322	180.750	3.551	180.730	2.919	180.910	7.948
4	180.810	5.265	181.020	14.09	180.980	11.97 *	180.740	3.237 *	180.730	2.878	180.890	7.606
5	180.780	4.846	180.950	11.44	180.960	11.90	180.740	3.317	180.730	2.891	180.920	8.801
6	180.760	4.199	180.960	11.90	180.990	12.82	180.720	2.820	180.700	2.453	180.810	5.246 *
7	180.770	4.498	180.980	11.97 *	180.960	11.90	180.720	2.846	180.720	2.827	180.740	3.115
8	181.010	13.33	180.970	12.54	180.950	11.44	180.740	3.288	180.720	2.747 *	180.900	7.704
9	180.930	8.690	181.020	14.09	180.950	11.44	180.740	3.118	181.040	15.86	180.890	7.060
10	180.840	6.245 *	181.170	23.36	181.050	15.72	180.740	3.121	181.030	11.60	180.880	6.573
11	180.780	4.725	181.180	23.69	180.970	11.50 *	180.740	3.237 *	181.010	10.51	180.880	6.248
12	180.820	5.588	181.060	16.52	180.810	4.896	180.740	3.458	181.020	11.01	180.860	5.794
13	181.050	15.68	181.060	16.52	180.770	4.272	180.740	3.215	181.030	11.70	180.900	8.485 *
14	181.070	17.01	181.020	13.92 *	180.750	3.714	180.740	3.156	181.100	19.09	180.860	5.753
15	181.030	14.67	181.010	13.33	180.740	3.378	180.740	3.238	181.120	19.39 *	180.820	5.062
16	180.990	12.82	181.020	14.09	180.740	3.418	180.740	3.106	181.140	23.23	180.840	5.587
17	180.940	10.16 *	181.010	13.33	180.720	2.775	180.790	4.540	181.130	22.36	180.780	3.627
18	180.930	10.28	180.860	6.374	180.780	4.330 *	180.790	4.626 *	181.120	21.01	180.750	3.351
19	180.940	10.88	180.780	4.478	180.800	5.133	180.810	5.120	181.110	20.01	180.900	7.446
20	180.860	6.804	180.750	3.591	180.800	4.951	180.780	4.588	181.100	19.09	180.960	11.04 *
21	180.790	4.987	180.750	3.496 *	180.780	4.415	180.750	3.402	181.080	17.79	180.910	7.710
22	180.760	4.161	180.810	5.183	180.790	4.778	180.720	2.978	181.080	17.10 *	180.940	9.897
23	180.740	3.668	180.980	12.32	180.760	3.971	180.750	3.339	181.080	17.79	180.970	10.96
24	180.730	2.987 *	181.020	14.09	180.760	3.801	180.680	2.139	181.070	17.20	180.940	9.978
25	180.790	4.626 *	181.060	16.52	180.750	3.496 *	180.710	2.517 *	181.080	17.79	180.940	9.944
26	180.890	8.128	181.040	14.94 *	180.750	3.409	180.700	2.406	181.070	17.20	180.940	9.356
27	181.140	21.98	181.030	14.67	180.760	3.993	180.720	2.943	181.060	16.80	180.800	4.932 *
28	181.130	21.54	181.070	16.55 *	180.760	3.927	180.730	2.914	181.070	17.20	180.840	5.265
29	181.040	15.09	181.100	19.51			180.720	2.747 *	181.060	16.01 *	180.800	4.963
30	180.990	12.82	181.030	14.67			180.720	2.747 *	181.000	12.93 *	180.780	3.913
31	181.070	16.55 *	181.010	13.33			180.720	2.956			180.760	3.547
Ten-Daily Mean												
I Ten-Daily	180.891	8.922	181.035	15.64	180.998	13.69	180.743	3.350	180.789	5.060	180.884	7.213
II Ten-Daily	180.941	10.86	180.975	12.58	180.788	4.837	180.761	3.828	181.088	17.74	180.855	6.239
III Ten-Daily	180.915	10.59	180.991	13.21	180.764	3.974	180.720	2.826	181.065	16.78	180.875	7.315
Monthly												
Min.	180.730	2.987	180.750	3.496	180.720	2.775	180.680	2.139	180.700	2.453	180.740	3.115
Max.	181.210	25.04	181.180	23.69	181.120	20.86	180.810	5.120	181.140	23.23	181.010	11.04
Mean	180.916	10.14	181.000	13.79	180.856	7.751	180.741	3.318	180.981	13.19	180.871	6.935

Peak Computed Discharge = 27.07 cumecs on 02/07/2017 Corres. Water Level :181.22 m

Lowest Computed Discharge = 1.145 cumecs on 18/06/2017 Corres. Water Level :180.64 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

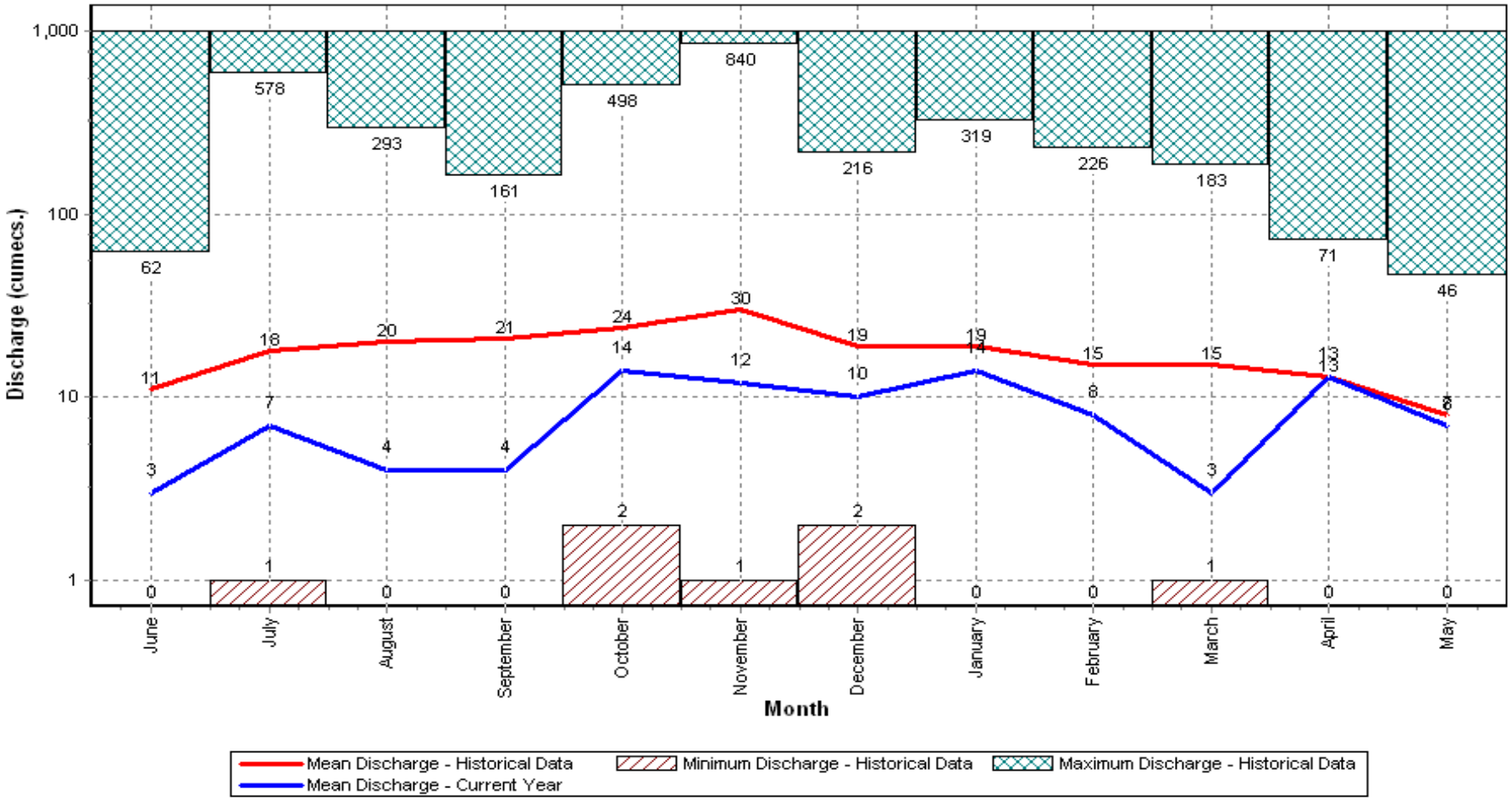
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) | **Data considered : 1984-2018** | **Division : SR Division, Coimbatore**

Local River : Bhavani | **Sub-Division : Middle Cauvery SD, Coimbatore**



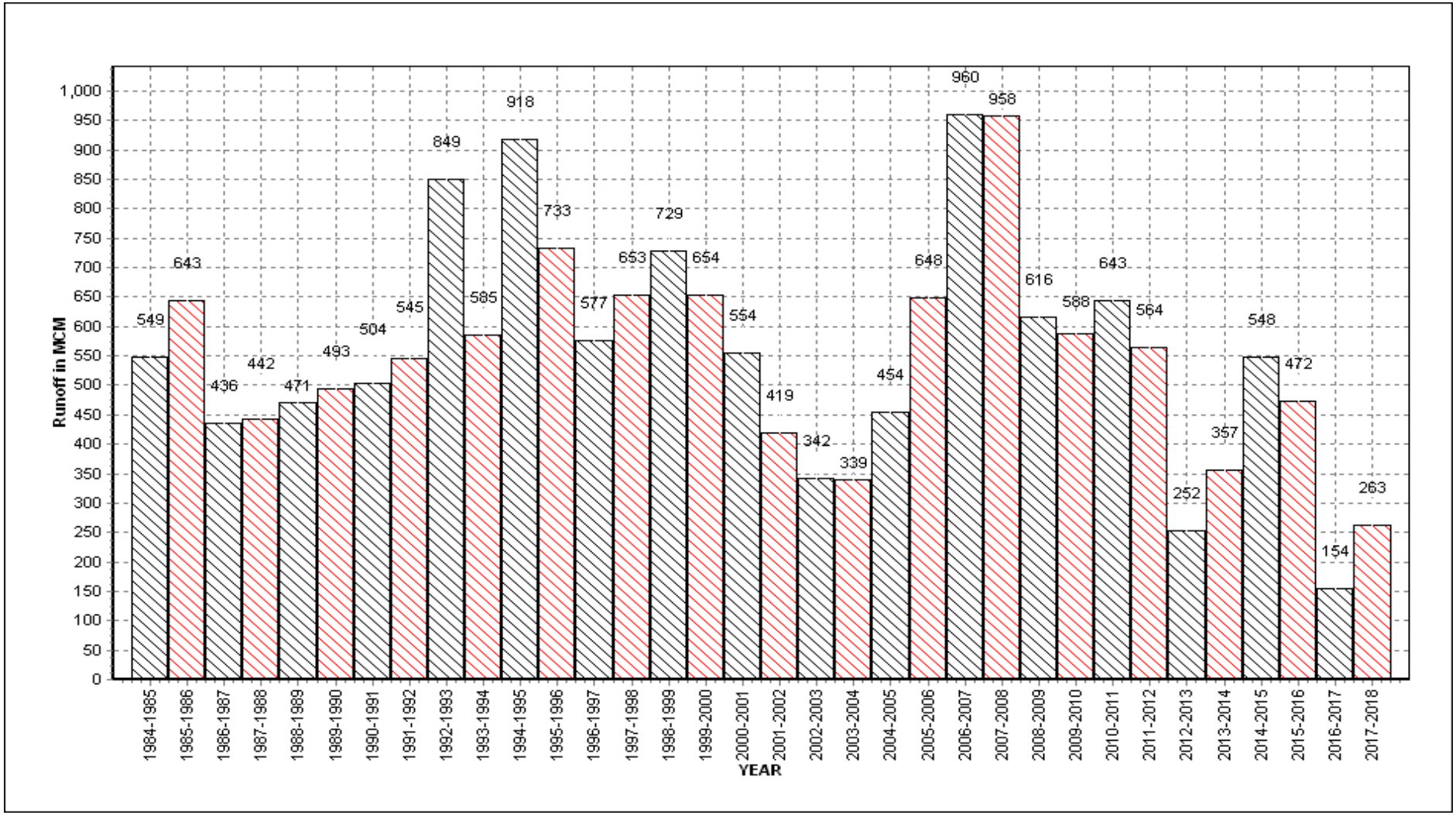
Annual Runoff Values for the period: 1984 - 2018

Station Name : SAVANDAPUR (CCG00E3)

Division : SR Division, Coimbatore

Local River : Bhavani

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

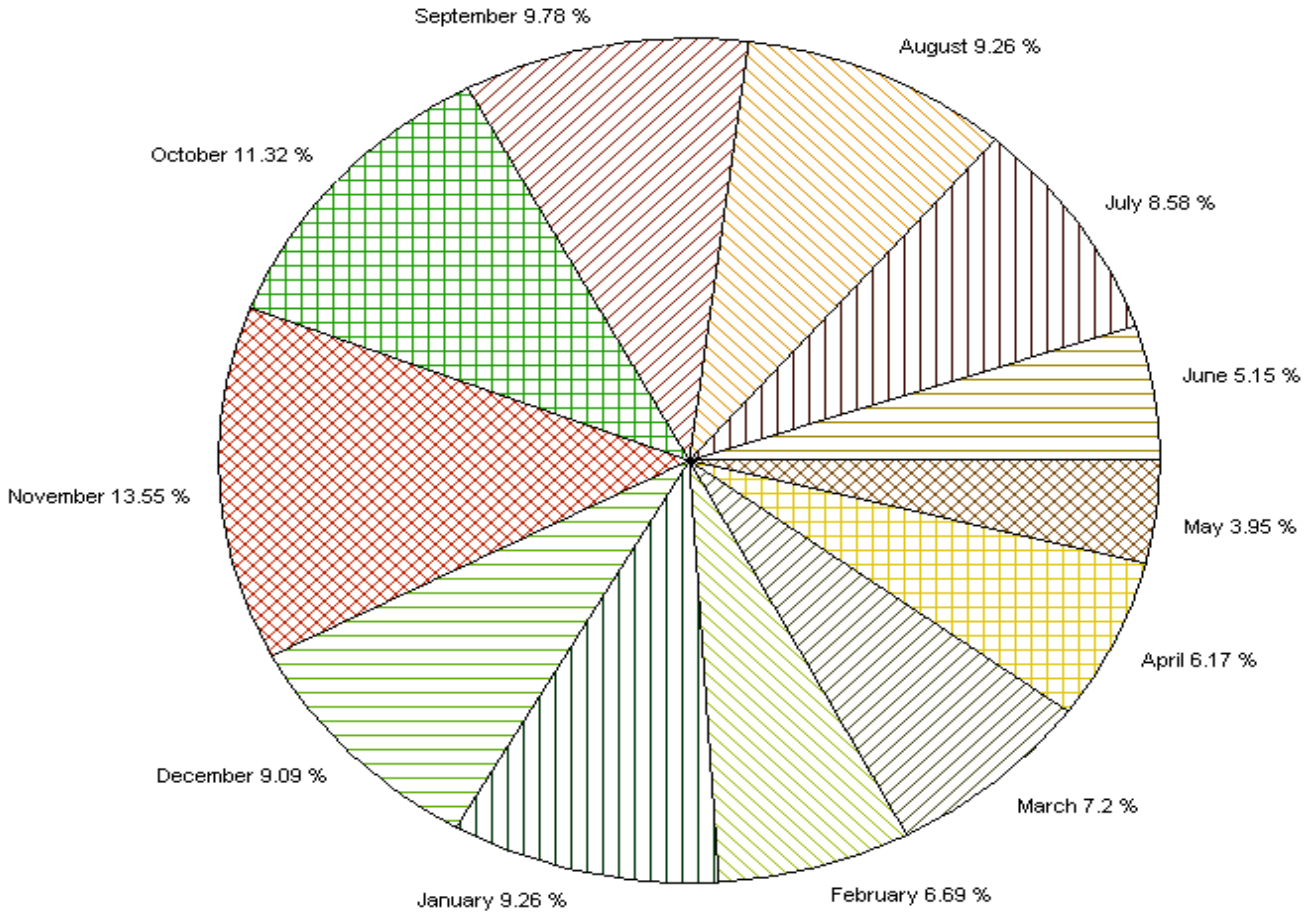
Monthly Average Runoff based on period : 1984-2017

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



June	5.15 %
July	8.58 %
August	9.26 %
September	9.78 %
October	11.32 %
November	13.55 %
December	9.09 %
January	9.26 %
February	6.69 %
March	7.2 %
April	6.17 %
May	3.95 %

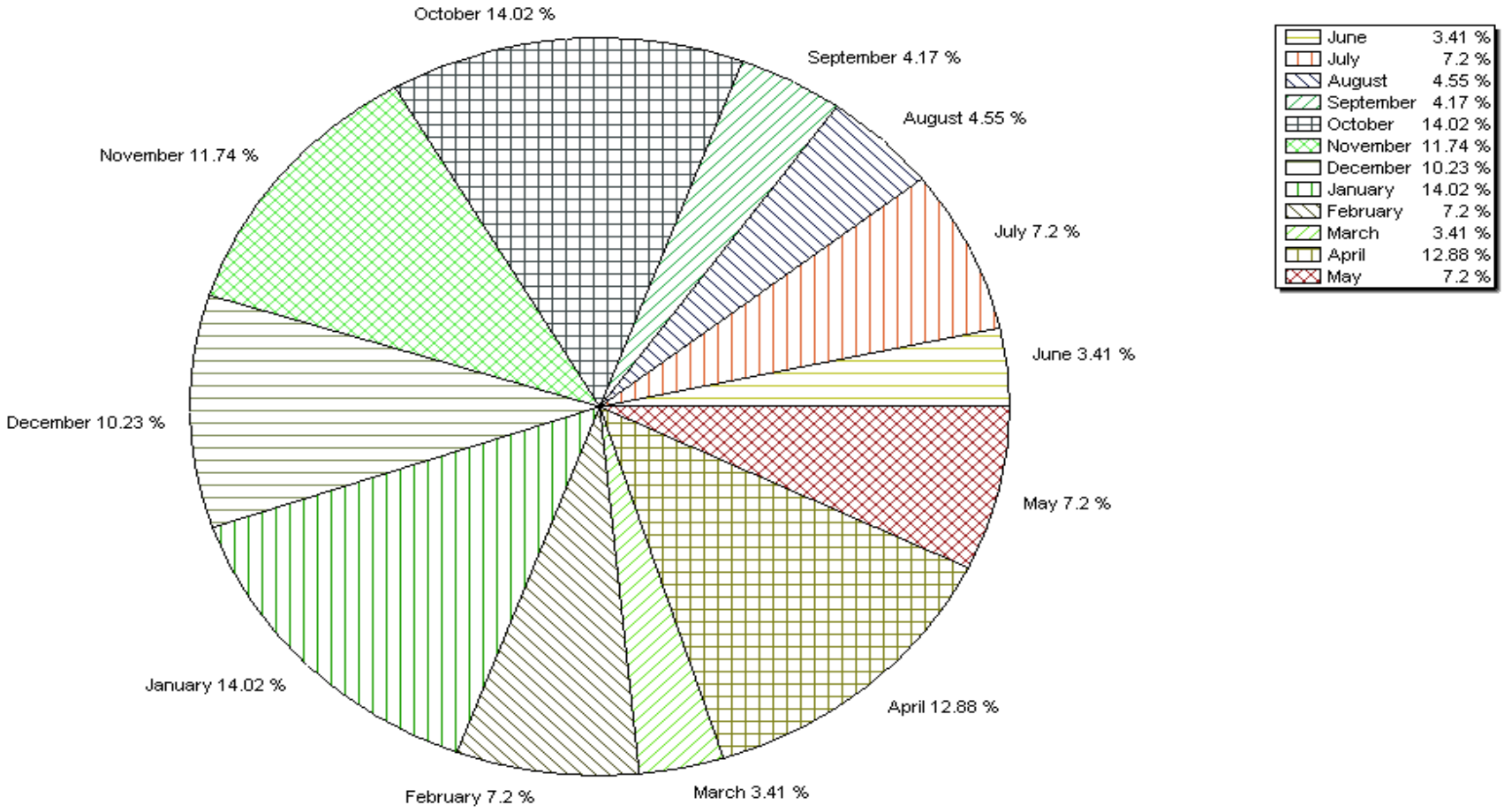
Monthly Runoff for the Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

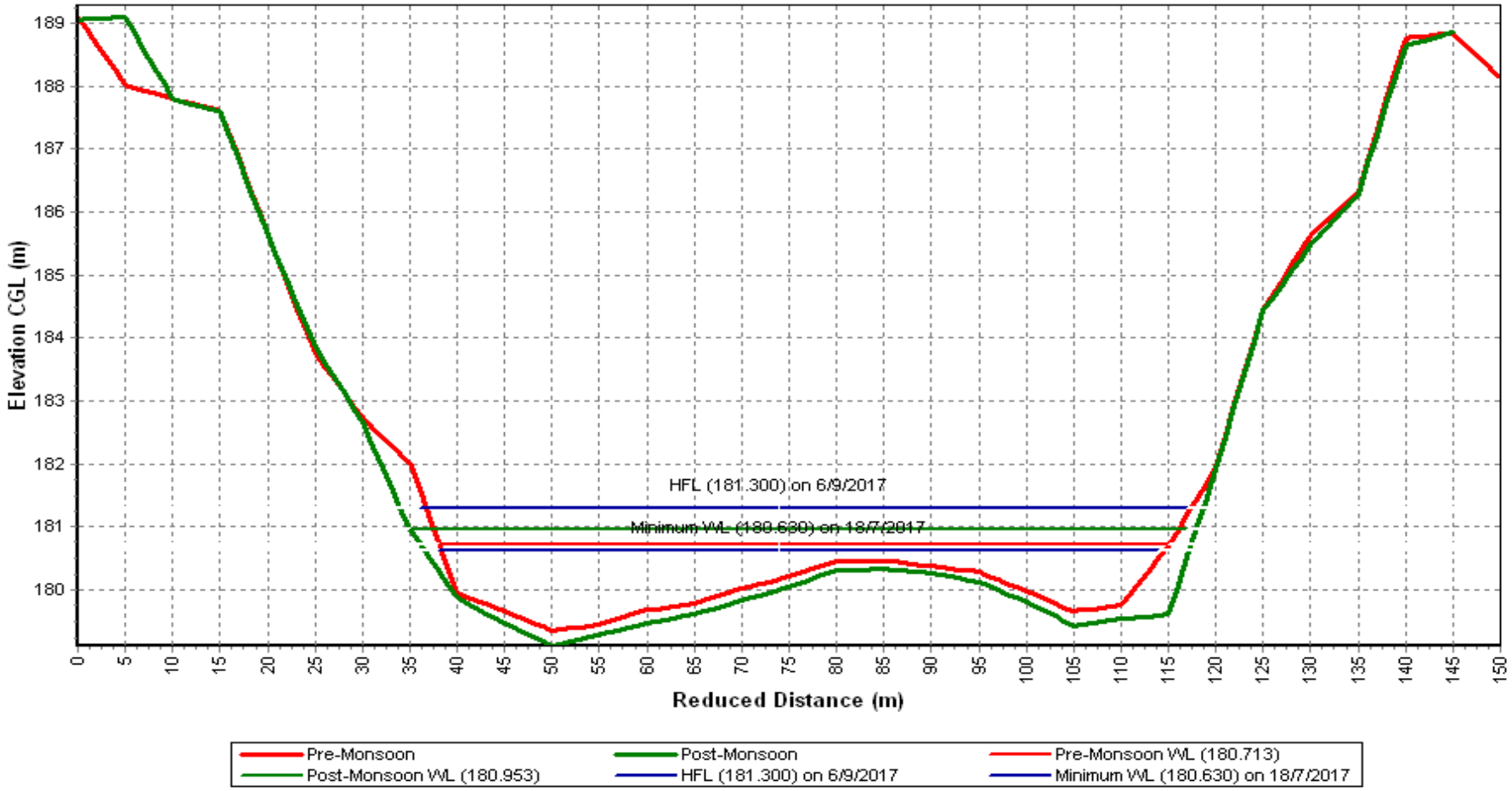
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

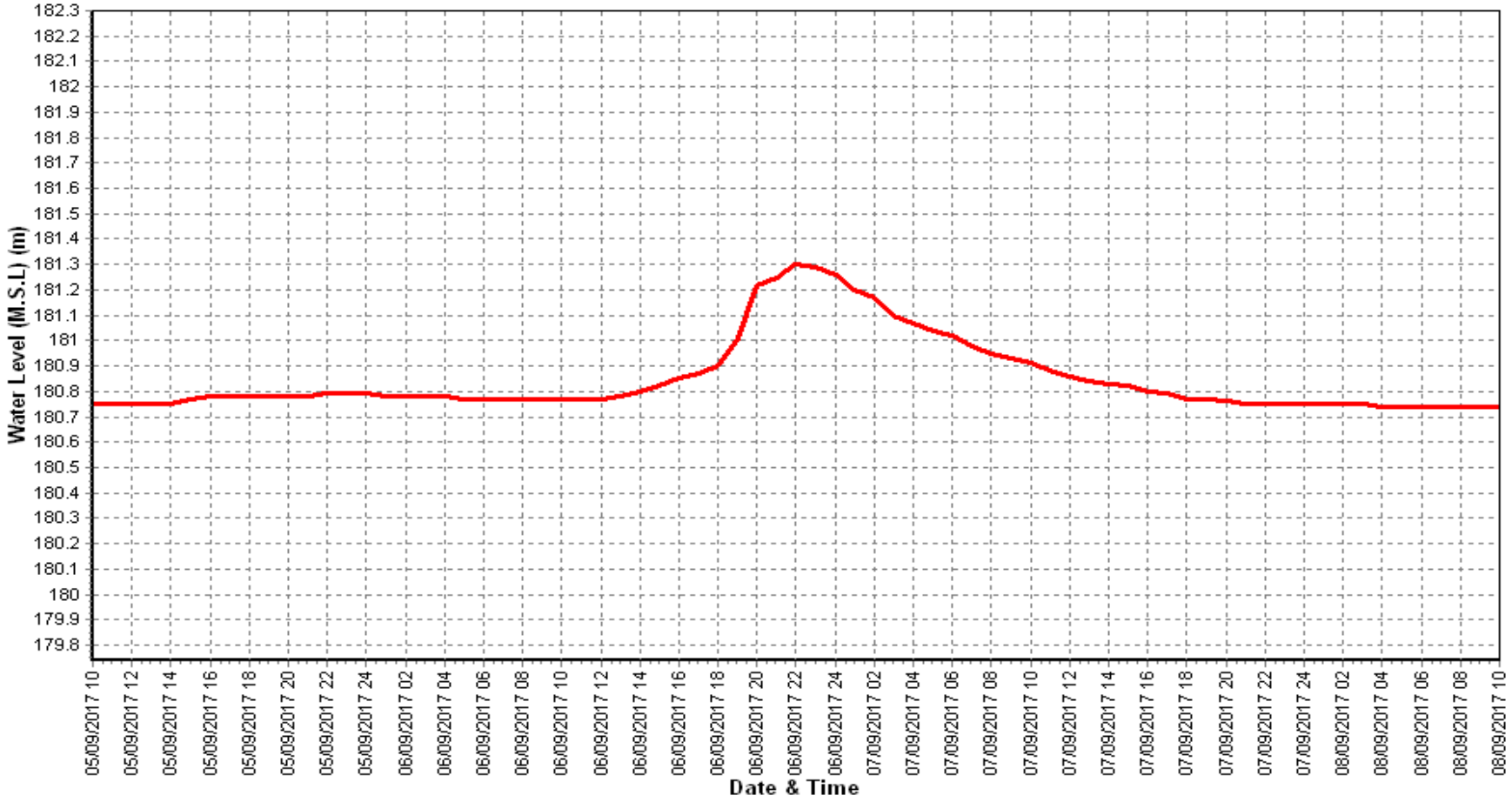
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

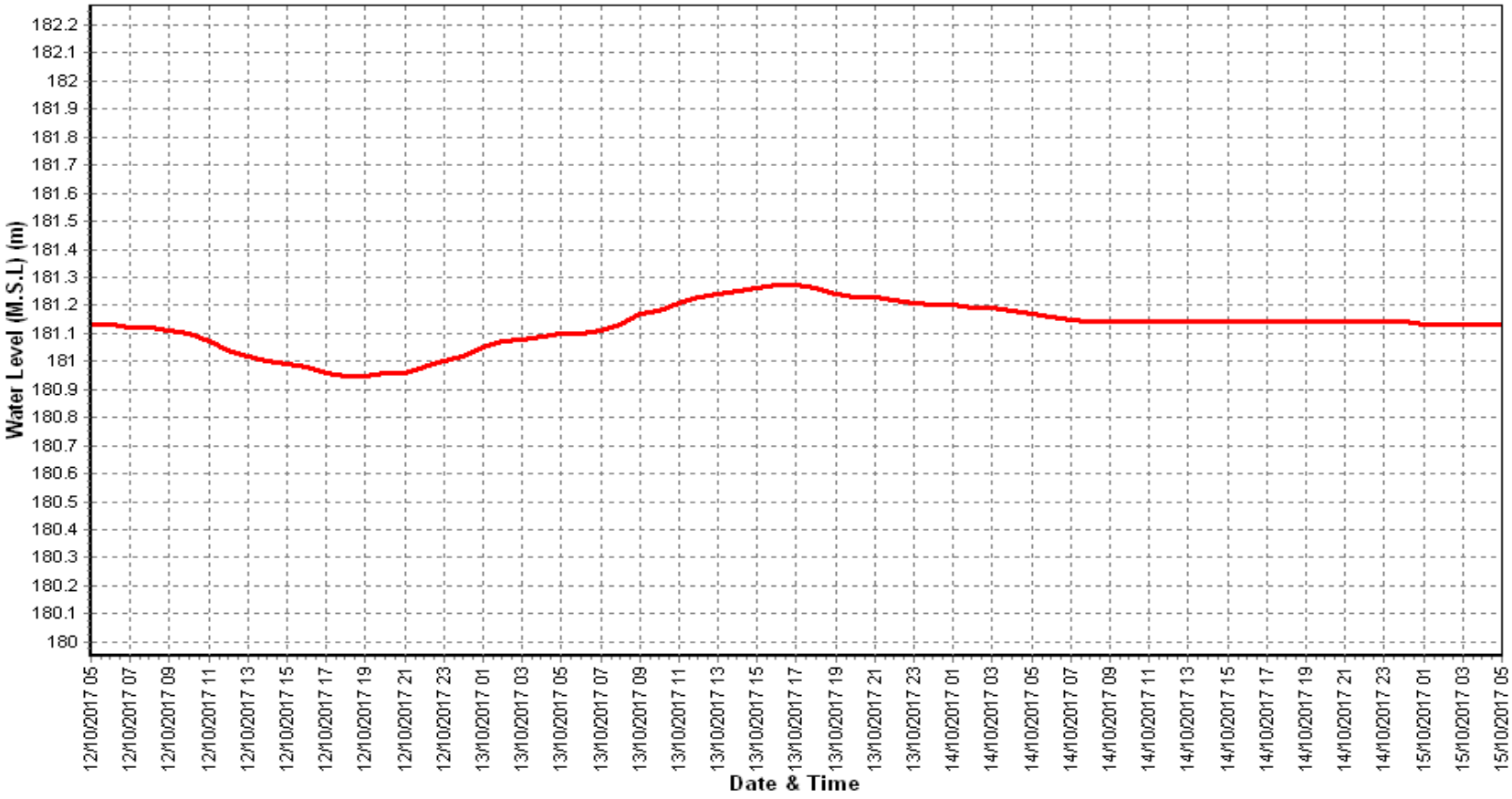


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

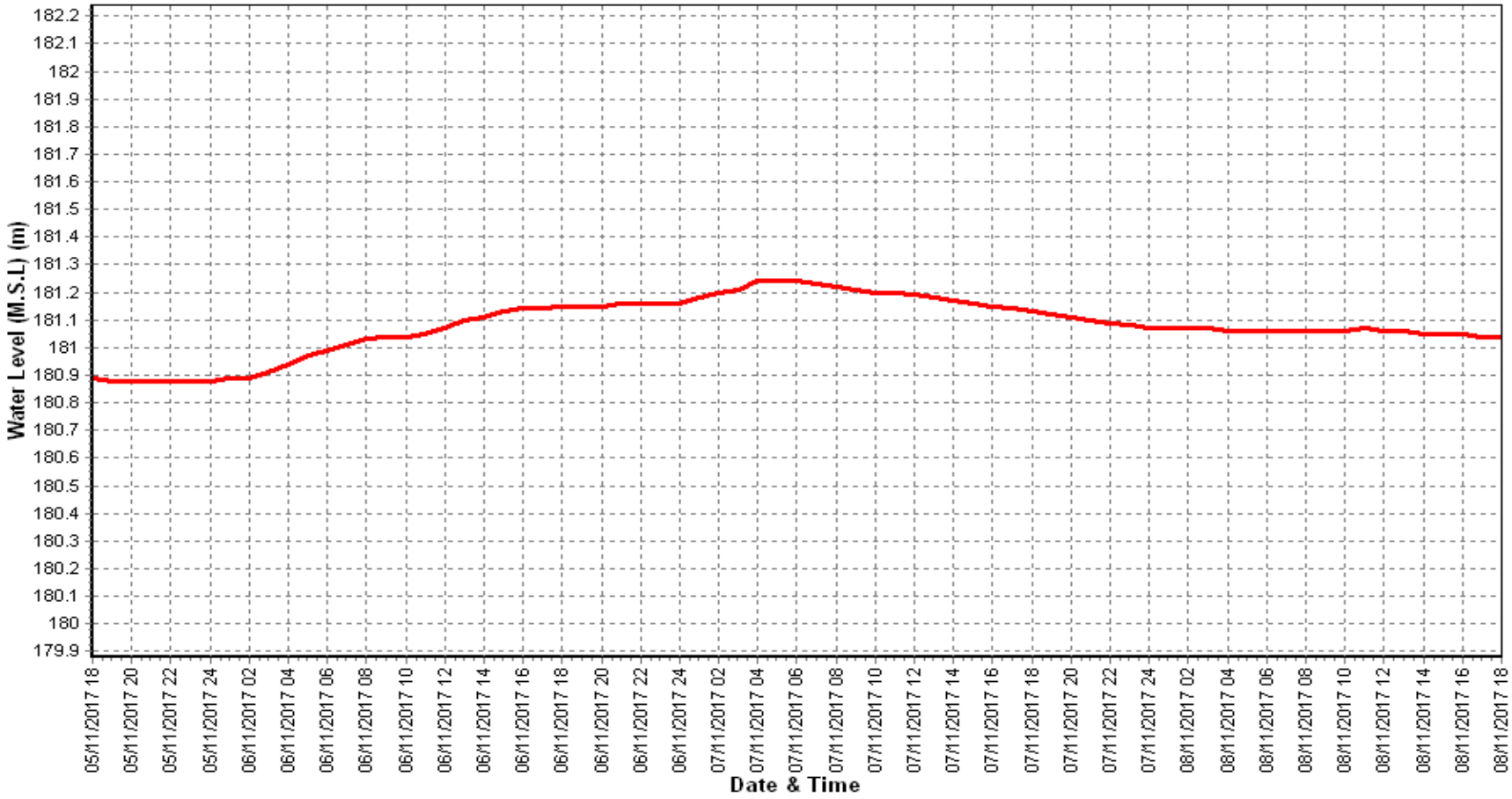


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-18**
Site	:	**THENGUMARAHADA**	**Code**	:	**CCGI0E9**
State	:	Tamil Nadu	District		Nilgiris
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Bhavani	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Moyar
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	1370 Sq. Km.	Bank	:	Right
Latitude	:	11°34'22"	Longitude	:	76°55'09"
Zero of Gauge (m)	:	336.650 (m.s.l)	23-10-1978		
		Opening Date	Closing Date		
Gauge	:	23-10-1978			
Discharge	:	01-06-1979			
Sediment	:	01-06-2002			
Water Quality	:	01-06-1979			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1979-1980	327.5	340.460	07-08-1979	5.000	338.610	03-06-1979
1980-1981	129.6	339.620	02-07-1980	1.700	338.448	15-01-1981
1981-1982	113.0	339.550	23-09-1981	2.600	338.500	02-05-1982
1982-1983	76.50	339.335	12-11-1982	0.000	338.230	08-04-1983
1983-1984	61.60	339.300	07-03-1984	0.400	338.353	02-06-1983
1984-1985	120.0	339.890	02-12-1984	1.000	338.418	18-03-1985
1985-1986	35.00	339.165	30-05-1986	0.050	338.365	13-03-1986
1986-1987	44.60	339.235	12-08-1986	0.900	338.400	16-06-1986
1987-1988	47.65	339.310	20-11-1987	0.700	338.380	03-04-1988
1988-1989	49.02	339.310	18-07-1988	0.876	338.410	23-05-1989
1989-1990	506.0	340.600	24-07-1989	0.800	338.410	15-04-1990
1990-1991	41.80	339.230	17-08-1990	0.364	338.390	04-03-1991
1991-1992	653.2	341.075	30-10-1991	1.056	338.475	29-04-1992
1992-1993	504.3	340.850	28-07-1992	4.496	338.622	25-02-1993
1993-1994	109.8	339.814	11-11-1993	3.370	338.700	06-05-1994
1994-1995	179.4	340.150	23-10-1994	2.886	338.650	11-07-1994
1995-1996	127.6	339.590	03-09-1995	0.000	338.480	01-04-1996
1996-1997	142.2	340.020	16-12-1996	2.799	338.650	10-06-1996
1997-1998	71.40	339.500	25-11-1997	3.794	338.623	04-06-1997

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1998-1999	91.75	339.704	01-07-1998	0.785	338.475	04-03-1999
1999-2000	128.0	340.010	25-10-1999	3.704	338.670	05-04-2000
2000-2001	153.3	340.100	01-12-2000	2.744	338.650	25-12-2000
2001-2002	29.65	339.205	09-07-2001	0.520	338.450	24-05-2002
2002-2003	72.27	339.750	18-08-2002	0.000	338.300	22-04-2003
2003-2004	33.04	339.240	05-05-2004	0.000	338.450	18-04-2004
2004-2005	94.25	339.800	05-08-2004	0.334	338.430	08-02-2005
2005-2006	182.0	340.560	02-08-2005	2.335	338.580	13-03-2006
2006-2007	50.77	339.470	05-07-2006	0.481	338.500	14-05-2007
2007-2008	106.5	339.820	11-08-2008	2.805	338.580	08-02-2008
2008-2009	104.5	339.900	26-10-2008	1.364	338.520	14-04-2009
2009-2010	510.1	341.650	16-07-2009	0.781	338.450	30-05-2010
2010-2011	290.9	341.020	21-08-2010	0.614	338.450	13-05-2011
2011-2012	44.03	339.285	02-09-2011	1.041	338.465	27-02-2012
2012-2013	77.57	339.740	01-11-2012	0.544	338.385	28-12-2012
2013-2014	87.89	340.200	03-08-2013	0.193	338.350	20-02-2014
2014-2015	33.03	339.310	02-08-2014	0.330	338.400	14-06-2014
2015-2016	38.30	339.410	24-06-2015	1.638	338.500	21-05-2016
2016-2017	168.4	340.270	27-05-2017	0.430	338.350	26-01-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	2017-18	Q	W.L	Q	W.L	Q	W.L	Q
1	338.430	1.382	338.620	4.626	338.540	2.546	338.730	8.125	338.720	7.708 *	338.770	9.828
2	338.610	3.937	338.530	2.746 *	338.570	3.027	338.670	6.051 *	338.760	9.147 *	338.685	7.780
3	338.570	3.480	338.510	2.421	338.660	5.948	339.000	19.72 *	338.680	6.272	338.670	6.075
4	338.470	1.779 *	338.620	4.806	338.590	3.357	339.000	23.11	338.820	12.08	338.780	11.08 *
5	338.445	1.315	338.600	4.206	338.620	4.227	339.040	24.34	338.700	7.075	338.705	7.270
6	338.540	3.126	338.530	2.740	338.740	8.209 *	339.500	39.32	338.760	9.021	338.715	7.328
7	338.440	1.796	338.470	1.804	338.660	5.910	338.990	21.13	338.790	11.16	338.810	10.99
8	338.640	5.249	338.535	2.972	338.640	5.229	339.025	23.28	338.780	9.903 *	338.805	10.85
9	338.570	3.344	338.500	2.232 *	338.860	14.22	339.520	39.68	338.710	7.216	338.795	9.668
10	338.490	2.353	338.500	2.147	338.830	12.30	339.000	19.72 *	338.690	6.602	338.735	7.926
11	338.490	2.074 *	338.480	1.801	338.780	9.782	339.080	25.99	338.730	8.221	338.695	6.510
12	338.450	1.866	338.480	1.844	338.785	9.575	338.935	18.09	338.715	7.834	338.700	7.026 *
13	338.530	2.748	338.660	6.149	338.670	6.008 *	338.830	12.72	338.705	7.071	338.660	5.403
14	338.630	5.022	338.530	2.765	338.650	5.660	339.070	27.16	338.710	7.343	338.680	6.080
15	338.650	5.744	338.620	4.692	338.670	6.008 *	338.930	17.50	338.720	7.708 *	338.630	4.612
16	338.650	5.713	338.580	3.744 *	338.570	3.100	338.800	11.28	338.670	5.693	338.655	5.615
17	338.530	2.857	338.530	2.540	338.560	3.092	339.000	19.72 *	338.660	5.179	338.690	6.700
18	338.650	5.451 *	338.535	2.619	338.610	4.360	339.390	35.52	338.790	10.29 *	338.835	12.21
19	338.465	1.791	338.530	2.535	338.535	2.834	339.170	28.62	338.660	5.153	338.640	5.135 *
20	338.475	1.881	339.380	34.55	338.650	5.451 *	338.950	18.59	338.630	4.748	338.625	4.641
21	338.480	1.845	339.005	21.94	338.560	3.116	338.905	15.63	338.665	5.262	338.685	6.435
22	338.450	1.444	338.790	10.79	338.660	6.035	338.815	11.75	338.790	10.29 *	338.615	4.224
23	338.420	1.236	338.720	7.540 *	338.850	13.66	338.795	10.89	338.645	4.734	338.625	4.623
24	338.460	1.404	338.660	5.671	338.820	12.28	338.760	9.147 *	338.750	9.273	338.685	6.553
25	338.450	1.509 *	338.655	5.411	338.660	5.725 *	338.760	8.812	338.770	10.14	338.655	5.752
26	338.550	3.124 *	338.740	8.774	338.665	6.279	338.835	12.93	338.775	10.21	338.700	7.026 *
27	338.500	2.054	338.700	7.387	338.650	5.451 *	338.785	10.49	338.670	6.287	338.620	4.140
28	338.785	10.22	338.660	5.956	338.630	5.349	338.730	7.997	338.775	10.22	338.735	8.115
29	338.670	6.148	338.570	3.206	338.770	9.386	338.730	8.325	338.670	6.051 *	338.640	4.897
30	338.620	4.698	338.590	3.965 *	338.960	19.28	338.730	8.059 *	338.675	6.399	338.585	3.491
31			338.540	2.566	338.855	14.01			338.655	5.528		
Ten-Daily Mean												
I Ten-Daily	338.521	2.776	338.542	3.070	338.671	6.496	339.048	22.45	338.741	8.618	338.747	8.879
II Ten-Daily	338.552	3.515	338.632	6.324	338.648	5.587	339.016	21.52	338.699	6.924	338.681	6.393
III Ten-Daily	338.538	3.368	338.694	7.564	338.735	9.143	338.784	10.40	338.713	7.672	338.654	5.526
Monthly												
Min.	338.420	1.236	338.470	1.801	338.535	2.546	338.670	6.051	338.630	4.734	338.585	3.491
Max.	338.785	10.22	339.380	34.55	338.960	19.28	339.520	39.68	338.820	12.08	338.835	12.21
Mean	338.537	3.22	338.625	5.714	338.686	7.142	338.949	18.12	338.717	7.736	338.694	6.933

Annual Runoff in MCM = 242 Annual Runoff in mm = 177

Peak Observed Discharge = 39.68 cumecs on 09/09/2017 Corres. Water Level :339.52 m

Lowest Observed Discharge = 1.236 cumecs on 23/06/2017 Corres. Water Level :338.42 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	338.695	6.723	338.690	6.448	338.675	5.785	338.670	5.766	338.740	8.209 *	338.650	4.953
2	339.060	24.02 *	338.500	1.957	338.625	4.093	338.655	4.950	338.630	4.233	338.545	2.876
3	338.850	12.68 *	338.625	4.161	338.660	5.383	338.600	3.757	338.570	3.214	338.550	2.991
4	338.780	10.57	338.610	3.927	338.580	3.472 *	338.850	12.68 *	338.820	12.61	339.200	32.25
5	338.770	10.01	338.510	2.313	338.695	6.956	338.470	1.588	338.810	11.42	338.870	13.92
6	338.745	8.764	338.645	4.844	338.680	6.093	338.775	9.495	338.775	9.331	338.810	10.94 *
7	338.700	7.010	338.600	3.952 *	338.725	7.923	338.675	5.836	338.670	5.601	338.645	4.762
8	338.695	7.084	338.640	4.831	338.665	5.481	338.625	4.204	338.740	8.209 *	338.820	12.17
9	338.740	8.862	338.590	3.579	338.615	4.063	338.730	8.130	338.480	1.774	338.765	9.462
10	338.790	10.12 *	338.640	4.888	338.660	5.174	338.750	8.944	338.800	11.06	338.725	7.844
11	338.685	6.602	338.600	3.846	338.490	1.709 *	338.610	4.203 *	338.810	11.30	338.750	8.757
12	338.785	10.59	338.620	4.210	338.500	1.962	338.550	2.860	338.650	4.763	338.810	11.44
13	338.850	13.90	338.775	9.714	338.625	4.272	338.575	3.213	338.810	11.42	338.750	8.574 *
14	338.775	9.836	338.730	7.853 *	338.575	3.282	338.805	11.42	338.810	10.94 *	338.750	7.715
15	338.645	4.959	338.565	3.416	338.690	6.397	338.740	7.967	338.570	3.245 *	338.880	14.25
16	338.645	4.804	338.480	1.724	338.700	6.811	338.640	4.391	338.765	9.165	338.750	8.657
17	338.600	3.952 *	338.745	8.600	338.645	4.867	338.670	5.505	338.810	11.36	338.750	8.692
18	338.560	3.456	338.725	7.896	338.780	9.719 *	338.610	4.203 *	338.790	10.23	338.640	4.632
19	338.715	7.853	338.670	5.442	338.625	4.309	338.440	1.392 #	338.800	11.17	338.750	8.648
20	338.685	6.078	338.690	6.436	338.690	6.317	338.795	10.77	338.705	7.045	338.750	8.574 *
21	338.695	6.785	338.770	9.329 *	338.635	4.502	338.780	9.691	338.800	11.25	338.480	1.650
22	338.700	6.841	338.660	5.203	338.775	9.456	338.640	4.824	338.750	10.94 *	338.715	7.611
23	338.685	6.447	338.745	8.281	338.695	7.062	338.660	5.302	338.585	3.570	338.685	6.048
24	338.600	3.952 *	338.605	3.678	338.625	4.225	338.680	6.426	338.810	11.67	338.830	11.65
25	338.700	6.835 *	338.690	6.514	338.700	6.831 *	338.700	6.831 *	338.750	9.022	338.810	11.18
26	338.705	6.888	338.630	4.730 *	338.480	1.712	338.660	5.362	338.640	4.891	339.180	30.86
27	338.680	6.271	338.625	4.112	338.730	8.050	338.725	7.636	338.720	7.874	339.000	20.40 *
28	338.625	4.250	338.590	3.708 *	338.635	4.653	338.730	7.807	338.795	10.81	338.830	12.16
29	338.725	7.750	338.615	3.926			338.740	8.209 *	338.810	10.94 *	338.730	7.810
30	338.670	5.471	338.595	3.875			338.610	4.203 *	338.550	2.813 *	338.650	5.089
31	338.700	6.831 *	338.690	6.844			338.565	3.972			338.765	9.661
Ten-Daily Mean												
I Ten-Daily	338.783	10.58	338.605	4.090	338.658	5.442	338.680	6.535	338.704	7.566	338.758	10.22
II Ten-Daily	338.695	7.203	338.660	5.914	338.632	4.965	338.643	5.592	338.752	9.064	338.758	8.994
III Ten-Daily	338.680	6.211	338.656	5.473	338.659	5.811	338.681	6.388	338.721	8.378	338.789	11.28
Monthly												
Min.	338.560	3.456	338.480	1.724	338.480	1.709	338.440	1.392	338.480	1.774	338.480	1.650
Max.	339.060	24.02	338.775	9.714	338.780	9.719	338.850	12.68	338.820	12.61	339.200	32.25
Mean	338.718	7.941	338.641	5.169	338.649	5.377	338.669	6.179	338.726	8.336	338.769	10.2

Peak Computed Discharge = 24.02 cumecs on 02/12/2017 **Corres. Water Level :339.06 m**

Lowest Computed Discharge = 1.509 cumecs on 25/06/2017 **Corres. Water Level :338.45 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

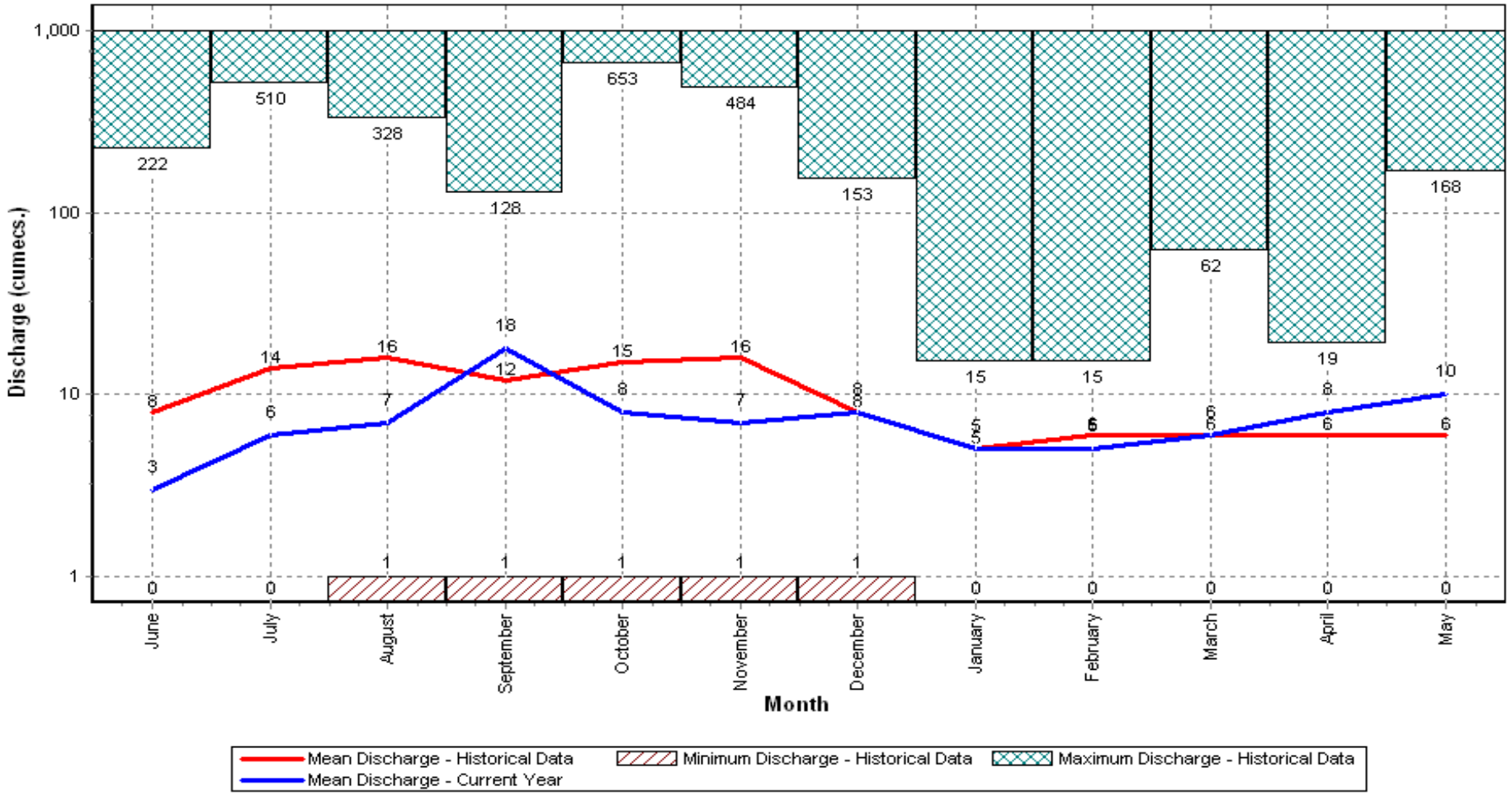
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Data considered : 1979-2018** **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



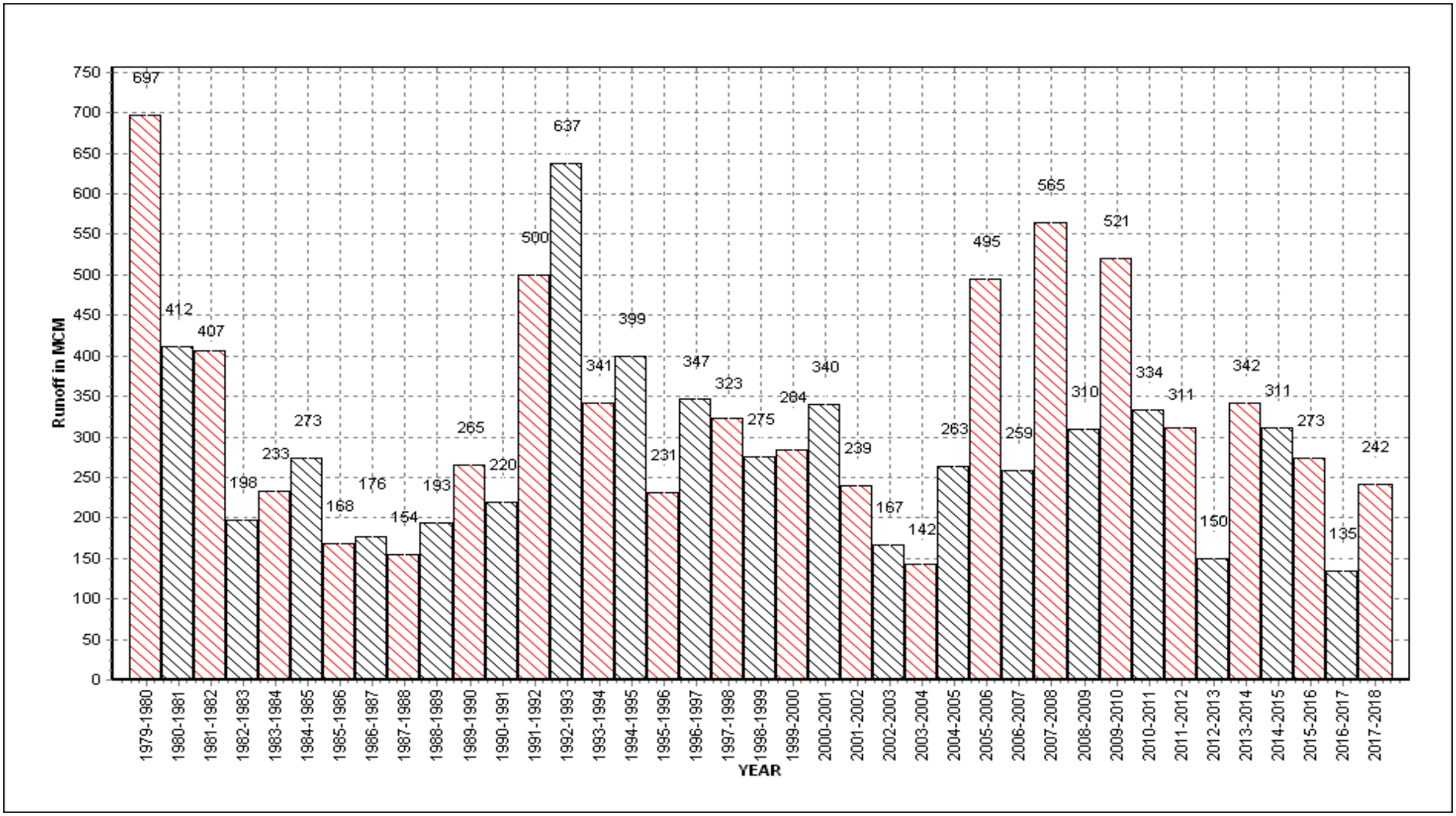
Annual Runoff Values for the period: 1979 - 2018

Station Name : THENGUMARAHADA (CCGI0E9)

Division : SR Division, Coimbatore

Local River : Moyar

Sub-Division : Middle Cauvery SD, Coimbatore

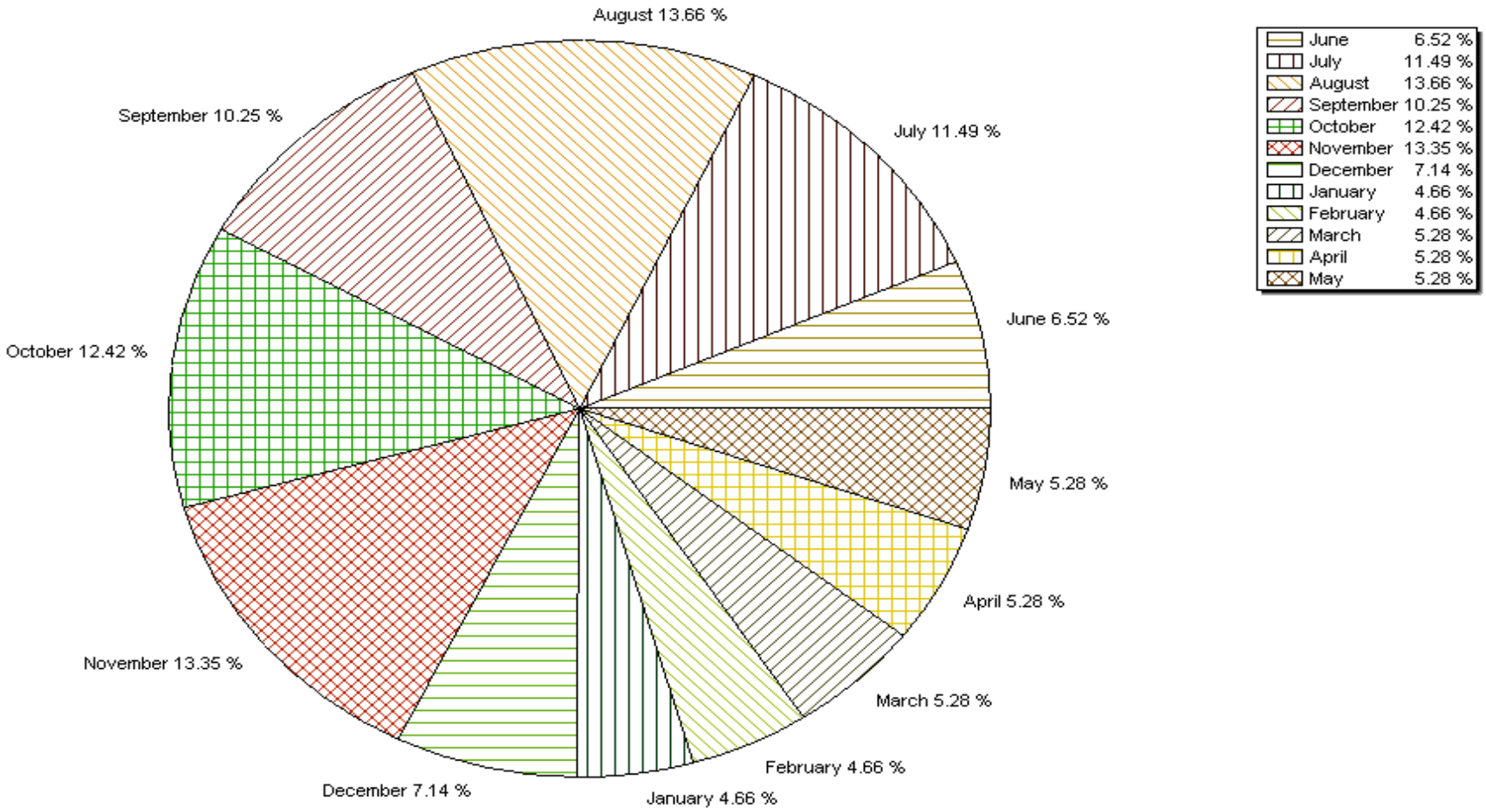


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1979-2017

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



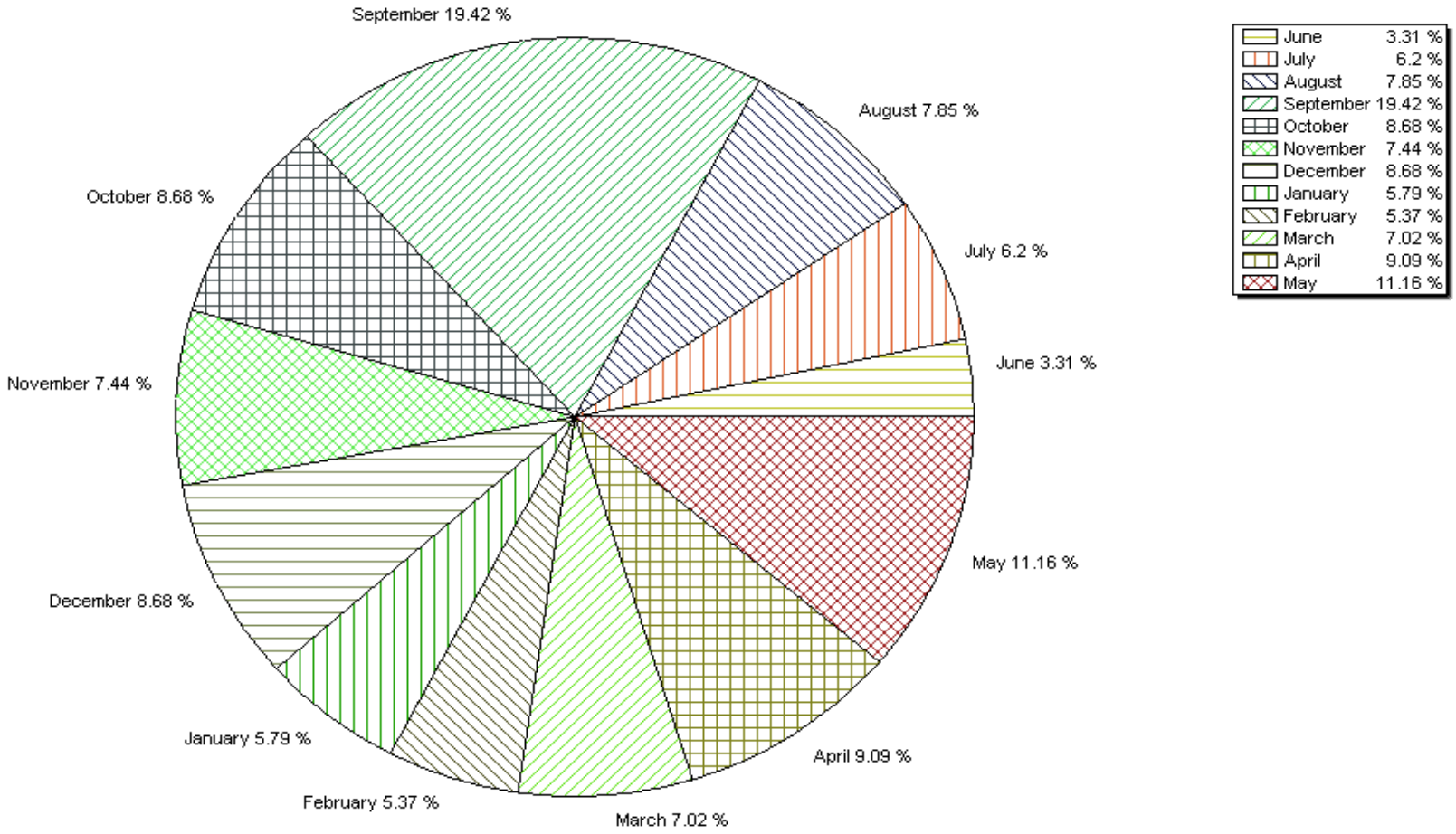
Monthly Runoff for the Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9)

Division : SR Division, Coimbatore

Local River : Moyar

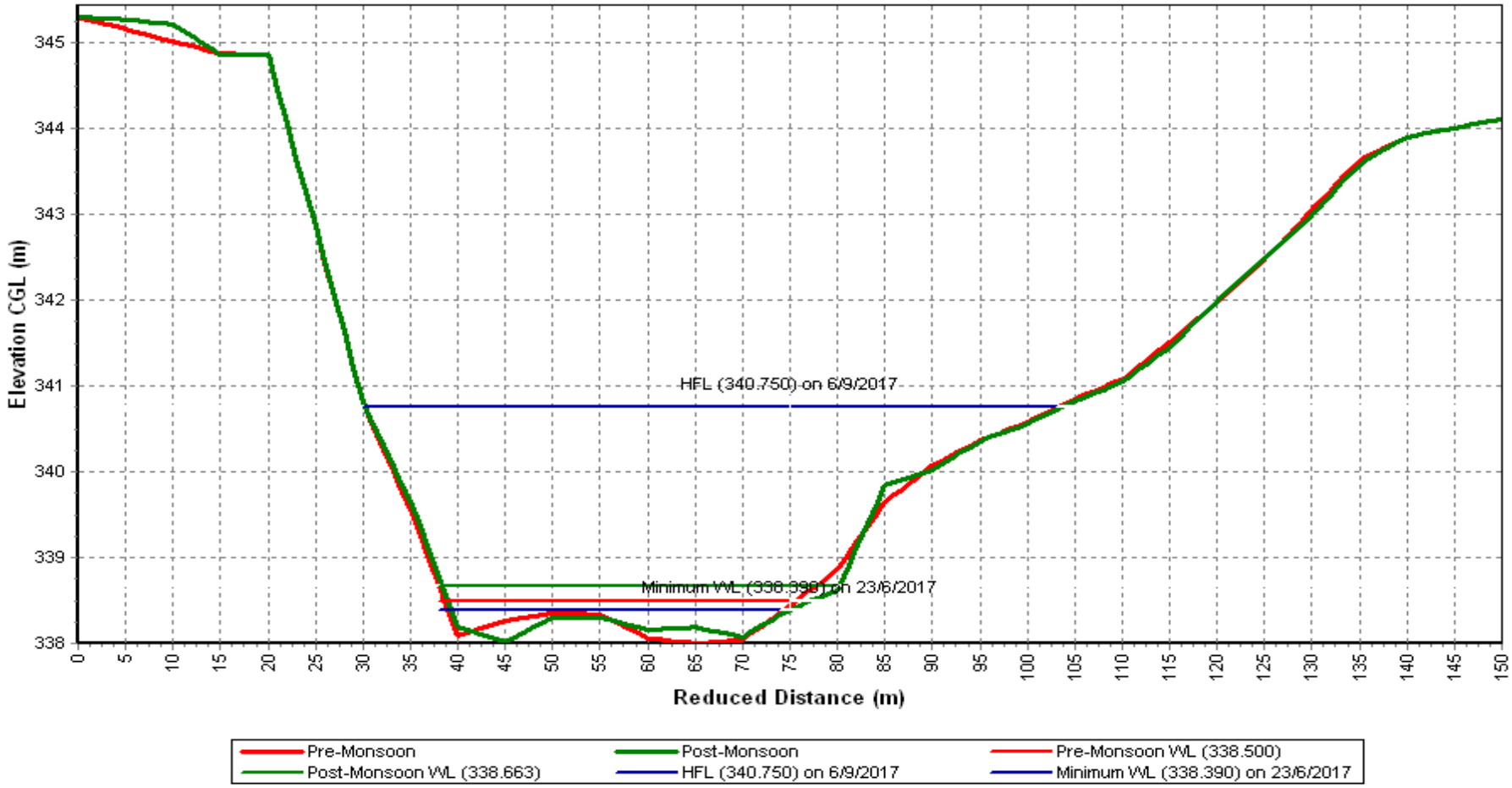
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

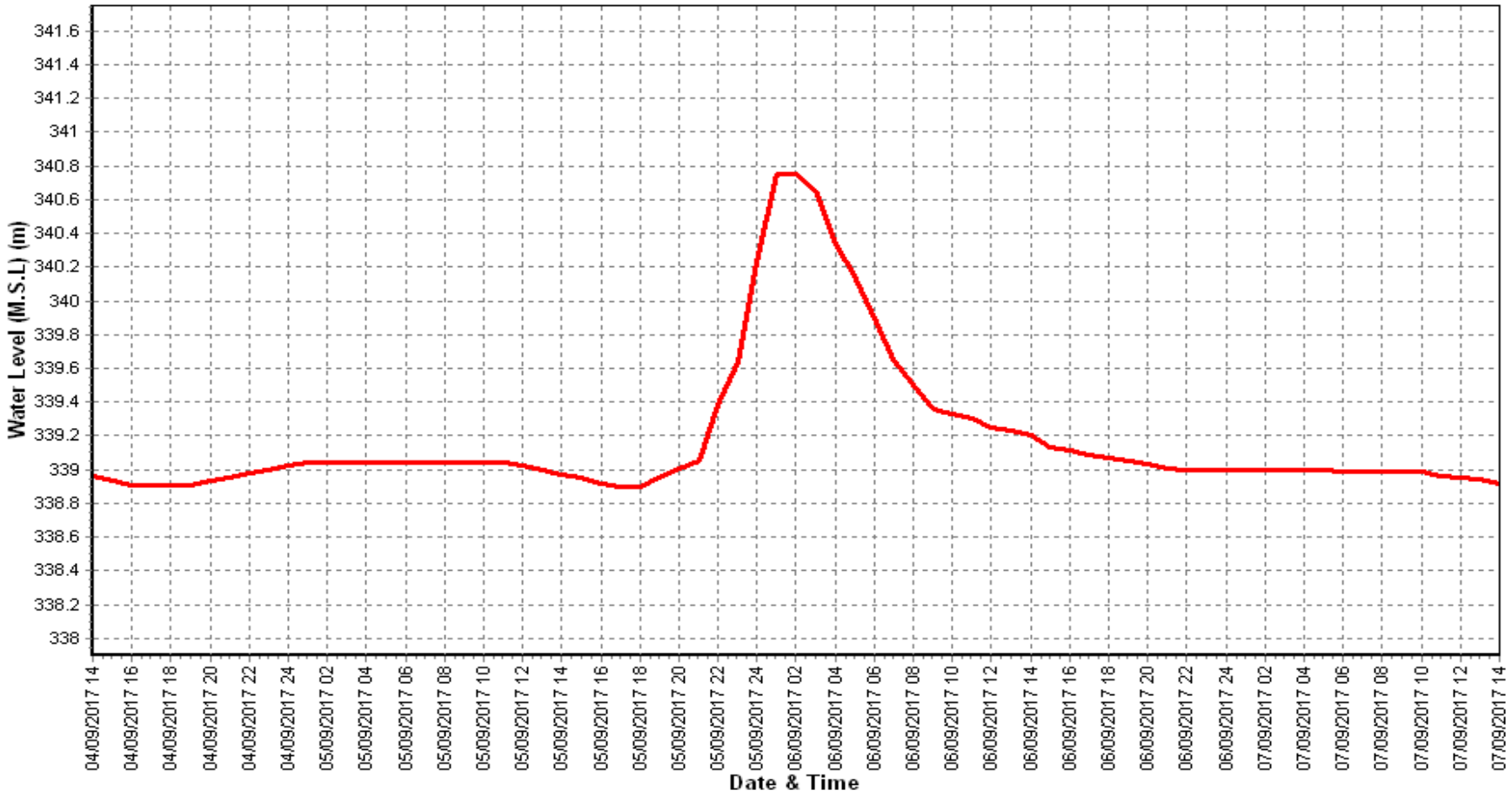


Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

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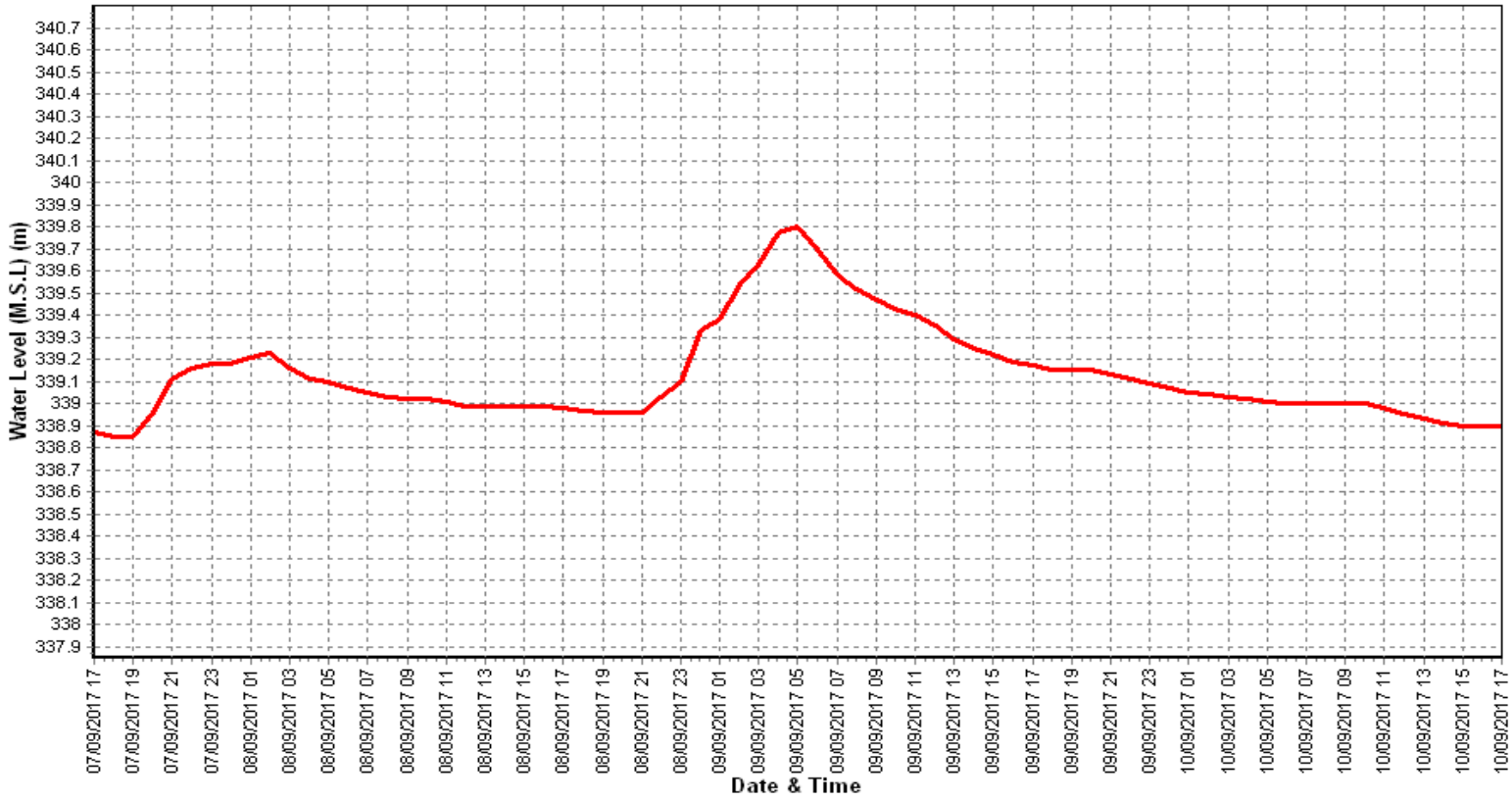


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

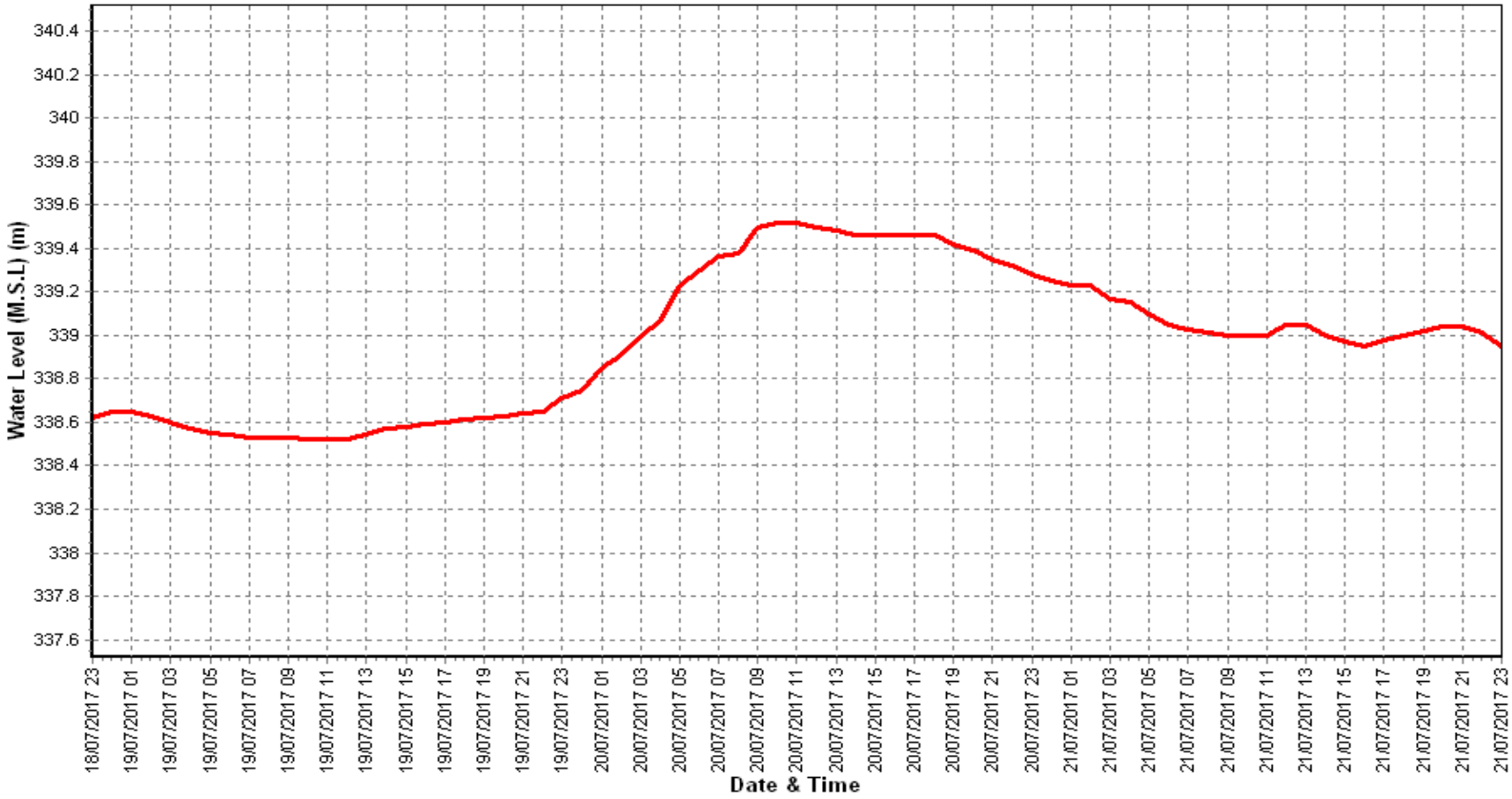


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**GANDHAVAYAL**	**Code**	:	**CCG20C8**
State	:	Tamil Nadu	District		Coimbatore
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Bhavani	Sub Tributary	:	Gandhayar
Sub-Sub Tributary	:		Local River	:	Gandhayar
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	90.71 Sq. Km.	Bank	:	Right
Latitude	:	11°22'27"	Longitude	:	76°59'32"
Zero of Gauge (m)	:	92.000 (m.s.l)	15-03-2013		
		Opening Date	Closing Date		
Gauge	:	15-03-2013			
Discharge	:	15-03-2013			
Sediment	:				
Water Quality	:	01-04-2013			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2013-2014	171.8	95.150	24-11-2013	0.000	92.680	10-06-2013
2014-2015	64.42	94.360	25-10-2014	0.012	92.680	22-09-2014
2015-2016	36.77	93.950	20-11-2015	0.000	92.700	03-05-2016
2016-2017	10.97	93.565	15-03-2017	0.000	92.590	02-11-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	92.700	0.124	92.740	0.124	92.520	0.000	92.670	0.046	93.030	1.510 *	93.130	2.196
2	92.700	0.128	92.730	0.127 *	92.560	0.000	92.750	0.081 *	93.000	1.242 *	93.100	2.049
3	92.720	0.134	92.720	0.110	92.520	0.000	92.850	0.399 *	93.000	1.196	93.120	2.112
4	92.740	0.143 *	92.700	0.101	92.520	0.000	92.920	0.284 #	92.990	1.155	93.040	1.606 *
5	92.760	0.152	92.740	0.135	92.570	0.000	92.800	0.211	92.980	1.115	93.040	1.606 *
6	92.860	0.428	92.740	0.131	92.570	0.000	92.800	0.216	93.030	1.453	93.180	3.953
7	92.800	0.331	92.720	0.128	92.590	0.000	92.810	0.249	93.000	1.384	93.675	17.81
8	92.770	0.162	92.720	0.123	92.550	0.000	93.180	3.837	92.990	1.160 *	93.630	16.32
9	92.760	0.155	92.710	0.115 *	92.530	0.000	93.150	3.666	92.980	0.763	93.430	8.917
10	92.740	0.131	92.700	0.117	92.810	0.281	93.000	1.381 *	92.950	0.772 #	93.330	5.554
11	92.730	0.126 *	92.690	0.103	92.720	0.087	93.450	6.065	92.990	1.260	93.240	3.711
12	92.720	0.108	92.680	0.102	92.700	0.072	93.300	6.217	93.120	2.406	93.200	3.633 *
13	92.710	0.104	92.700	0.112	92.700	0.078 *	93.250	4.986	93.090	2.042	93.140	2.416
14	92.680	0.074	92.600	0.034	92.710	0.074	93.550	12.03	93.180	3.980	93.100	2.230
15	92.700	0.083	92.580	0.000	92.690	0.078 *	93.270	4.686	93.090	2.139 *	93.070	1.859
16	92.890	0.617	92.570	0.000	92.680	0.052	93.170	3.888	93.060	1.908	93.050	1.787
17	92.840	0.397	92.560	0.000	92.750	0.124	93.160	3.145 *	93.020	1.771	93.010	1.488
18	92.820	0.329 *	92.550	0.000	92.730	0.107	93.150	3.507	92.990	1.160 *	93.010	1.482
19	92.800	0.321	92.550	0.000	92.710	0.100	93.140	2.319	92.960	0.798	93.010	1.328 *
20	92.780	0.244	92.550	0.000	92.700	0.078 *	93.080	1.755	92.940	0.751	93.120	2.447
21	92.800	0.250	92.550	0.000	92.700	0.082	93.030	1.641	92.940	0.751	93.495	11.55
22	92.790	0.234	92.550	0.000	92.680	0.055	93.000	1.169	92.920	0.671 *	93.300	5.054
23	92.820	0.256	92.530	0.000	92.700	0.079	92.950	0.911	92.900	0.661	93.210	3.581
24	92.780	0.226	92.530	0.000	92.690	0.072	92.930	0.844 *	92.950	0.797	93.160	2.796
25	92.760	0.144 *	92.530	0.000	92.680	0.060 *	93.280	4.654	92.910	0.693	93.120	2.304
26	92.750	0.138 *	92.510	0.000	92.670	0.049	93.120	2.380	93.370	6.192	93.070	1.915 *
27	92.750	0.144	92.510	0.000	92.660	0.044 *	93.080	2.021	93.030	1.375	93.070	1.892
28	92.750	0.144	92.500	0.000	92.650	0.042	93.130	2.437	93.660	16.78	93.040	1.724
29	92.750	0.135	92.500	0.000	92.660	0.052	93.100	2.331	93.480	9.107 *	93.000	1.517
30	92.740	0.133	92.500	0.000	92.670	0.052	93.060	1.809 *	93.210	3.208	93.020	1.618
31			92.500	0.000	92.660	0.050			93.110	2.162		
Ten-Daily Mean												
I Ten-Daily	92.755	0.189	92.722	0.121	92.574	0.028	92.893	1.037	92.995	1.175	93.268	6.212
II Ten-Daily	92.767	0.240	92.603	0.035	92.709	0.085	93.252	4.860	93.044	1.822	93.095	2.238
III Ten-Daily	92.769	0.180	92.519	0.000	92.675	0.058	93.068	2.020	93.135	3.854	93.148	3.395
Monthly												
Min.	92.680	0.074	92.500	0.000	92.520	0.000	92.670	0.046	92.900	0.661	93.000	1.328
Max.	92.890	0.617	92.740	0.135	92.810	0.281	93.550	12.03	93.660	16.78	93.675	17.81
Mean	92.764	0.203	92.612	0.05	92.653	0.057	93.071	2.639	93.060	2.334	93.170	3.948

Annual Runoff in MCM = 60 Annual Runoff in mm = 664

Peak Observed Discharge = 18.48 cumecs on 13/04/2018 Corres. Water Level :93.69 m

Lowest Observed Discharge = 0.000 cumecs on 15/07/2017 Corres. Water Level :92.58 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	93.550	13.08	93.080	1.363	92.940	0.537	92.810	0.223	92.830	0.151 *	93.010	0.537
2	93.950	33.01 *	93.080	1.370	92.940	0.523	92.810	0.226	92.850	0.171	93.070	0.767
3	93.900	29.84 *	93.080	1.286	92.920	0.479	92.790	0.211	92.820	0.128	93.300	3.182
4	93.600	14.35	93.080	1.243	92.890	0.345 *	92.780	0.193 *	92.820	0.124	93.420	5.183
5	93.470	10.56	93.070	1.226	92.860	0.261	92.770	0.189	92.800	0.114	93.300	3.131
6	93.380	7.104	93.060	1.191	92.880	0.263	92.770	0.173	92.780	0.104	93.200	1.918 *
7	93.310	6.025	93.060	1.141 *	92.880	0.265	92.730	0.077	92.740	0.084	93.170	1.486
8	93.260	5.248	93.050	1.115	92.920	0.395	92.750	0.081	92.700	0.000	93.130	1.301
9	93.230	4.666	93.050	1.137	92.900	0.368	92.720	0.077	92.680	0.000	93.110	1.124
10	93.180	3.097 *	93.030	1.000	92.880	0.350	92.700	0.069	92.680	0.000	93.280	3.305
11	93.140	2.799	93.030	1.003	92.870	0.284 *	92.660	0.000	92.660	0.000	93.170	1.610
12	93.110	2.653	93.060	1.036	92.860	0.296	92.650	0.000	93.080	1.158	93.230	2.044
13	93.440	9.213	93.060	1.054	92.900	0.297	92.630	0.000	93.690	18.48	93.100	1.044 *
14	93.660	17.23	93.040	1.020 *	92.900	0.295	92.630	0.000	93.670	15.48 *	93.090	0.990
15	93.680	18.17	93.020	0.966	92.890	0.291	92.670	0.000	93.690	16.36 *	93.105	1.031
16	93.510	11.46	93.010	0.877	92.870	0.274	92.690	0.000	93.300	3.494	93.540	13.87 #
17	93.420	8.439 *	92.980	0.831	92.890	0.312	92.690	0.000	93.230	2.536	93.260	2.819
18	93.350	6.998	92.970	0.812	92.880	0.314 *	92.690	0.000	93.150	1.732	93.200	1.854
19	93.320	5.691	93.020	0.722	92.870	0.274	92.960	0.426 #	93.110	1.354	93.160	1.537
20	93.290	4.547	93.020	0.728	92.870	0.275	92.890	0.251	93.090	1.198	93.160	1.718 *
21	93.250	3.991	93.010	0.853 *	92.870	0.272	92.890	0.252	93.070	1.170 #	93.200	1.854
22	93.220	3.264	93.000	0.686	92.850	0.250	92.860	0.229	93.060	0.779 *	93.120	1.079
23	93.200	3.125	92.980	0.661	92.850	0.251	92.800	0.107	93.040	0.732	93.100	0.991
24	93.200	3.426 *	92.980	0.668	92.850	0.255	92.800	0.120	93.030	0.646	93.120	1.113
25	93.180	3.097 *	92.980	0.675	92.840	0.205 *	92.810	0.134 *	93.030	0.646	93.160	1.564
26	93.160	2.122	92.970	0.656 *	92.830	0.234	92.830	0.137	93.010	0.529	93.130	1.303
27	93.140	1.837	92.960	0.559	92.830	0.231	92.830	0.131	93.010	0.538	93.200	1.918 *
28	93.120	1.663	92.950	0.568 *	92.810	0.222	92.810	0.136	93.030	0.544	93.190	1.768
29	93.100	1.611	92.940	0.535			92.810	0.134 *	93.020	0.557 *	93.160	1.585
30	93.100	1.626	92.940	0.527			92.800	0.125 *	93.020	0.557 *	93.160	1.558
31	93.100	1.405 *	92.940	0.539			92.790	0.106			93.120	1.154
Ten-Daily Mean												
I Ten-Daily	93.483	12.70	93.064	1.207	92.901	0.379	92.763	0.152	92.770	0.088	93.199	2.193
II Ten-Daily	93.392	8.720	93.021	0.905	92.880	0.291	92.716	0.068	93.267	6.179	93.201	2.852
III Ten-Daily	93.161	2.470	92.968	0.630	92.841	0.240	92.821	0.146	93.032	0.670	93.151	1.444
Monthly												
Min.	93.100	1.405	92.940	0.527	92.810	0.205	92.630	0.000	92.660	0.000	93.010	0.537
Max.	93.950	33.01	93.080	1.370	92.940	0.537	92.960	0.426	93.690	18.48	93.540	13.87
Mean	93.339	7.785	93.016	0.905	92.876	0.308	92.768	0.123	93.023	2.312	93.183	2.14

Peak Computed Discharge = 33.01 cumecs on 02/12/2017 **Corres. Water Level :93.95 m**

Lowest Computed Discharge = 0.044 cumecs on 27/08/2017 **Corres. Water Level :92.66 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

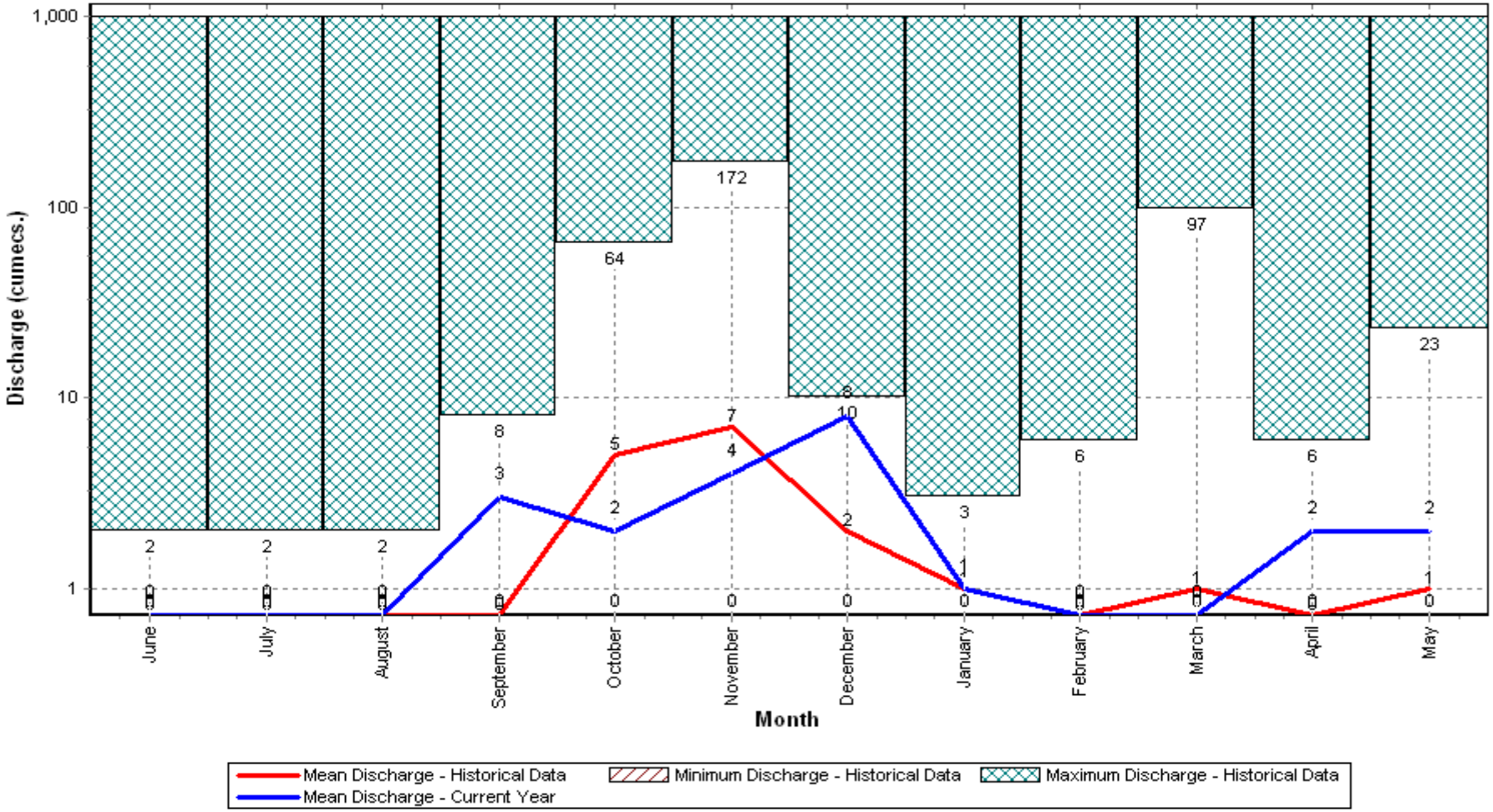
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8) | **Data considered : 2013-2018** | **Division : SR Division, Coimbatore**

Local River : Gandhayar | **Sub-Division : Middle Cauvery SD, Coimbatore**



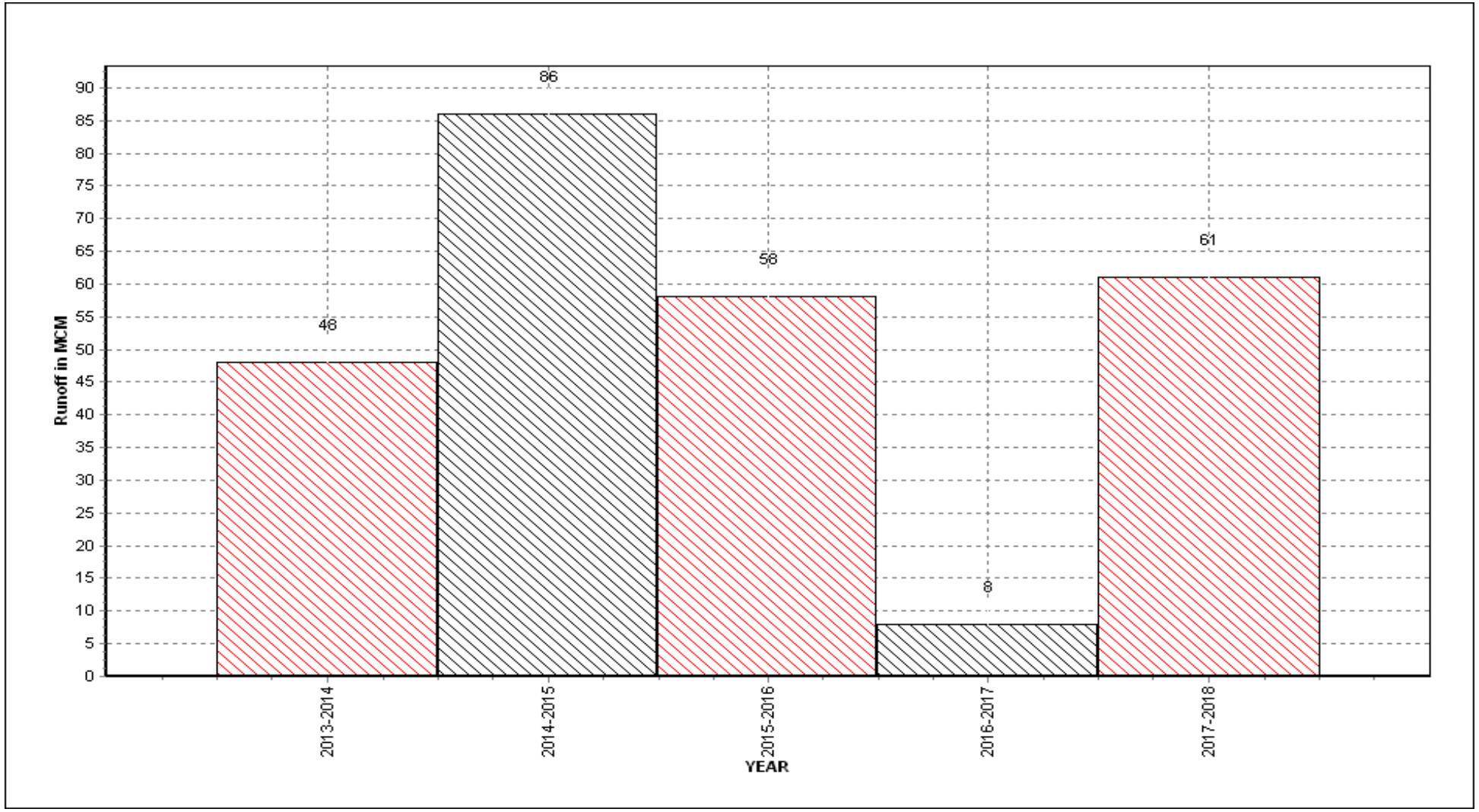
Annual Runoff Values for the period: 2013 - 2018

Station Name : GANDHAVAYAL (CCG20C8)

Division : SR Division, Coimbatore

Local River : Gandhayar

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

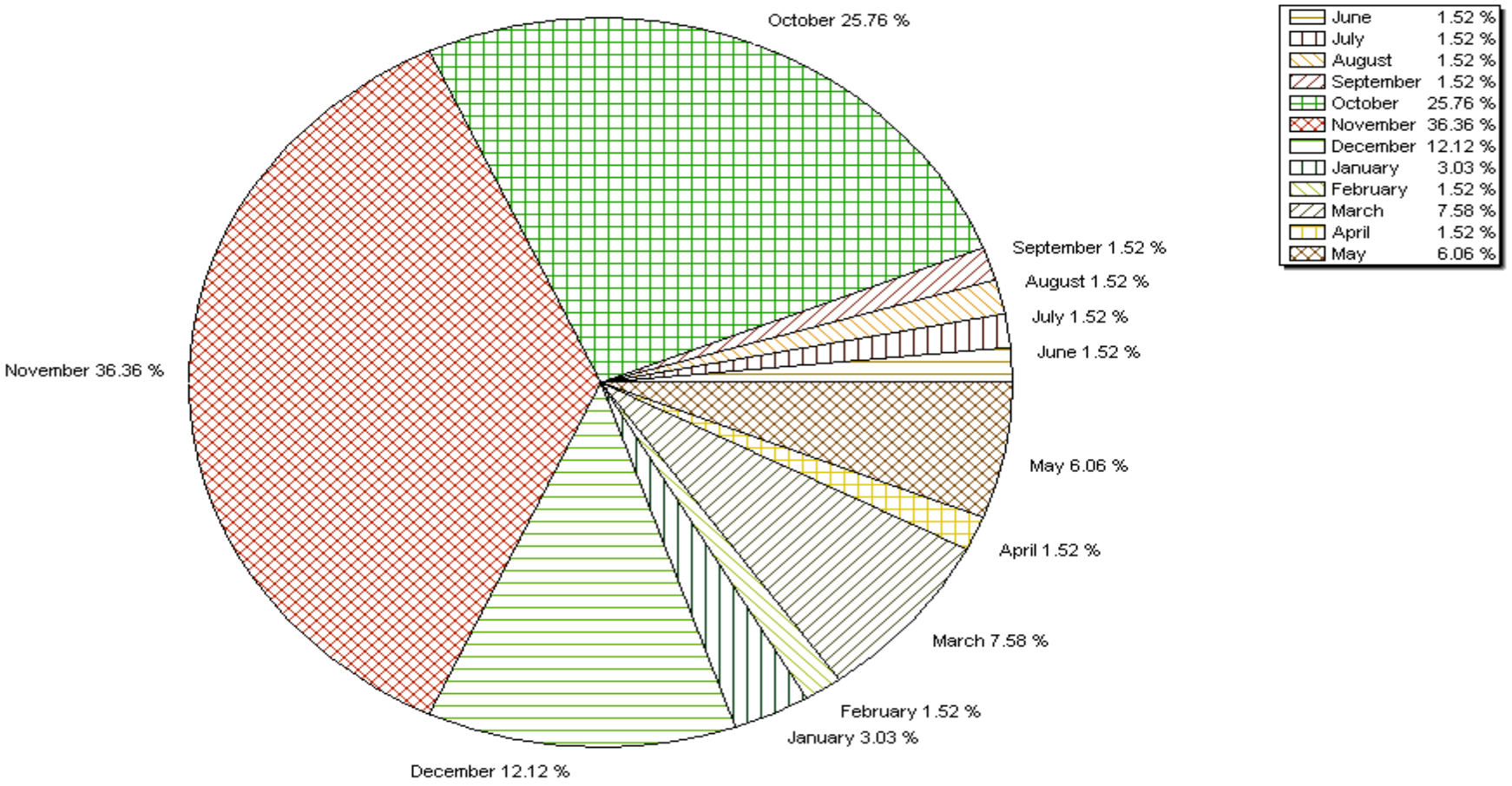
Monthly Average Runoff based on period : 2013-2017

Station Name : GANDHAVAYAL (CCG20C8)

Local River : Gandhayar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



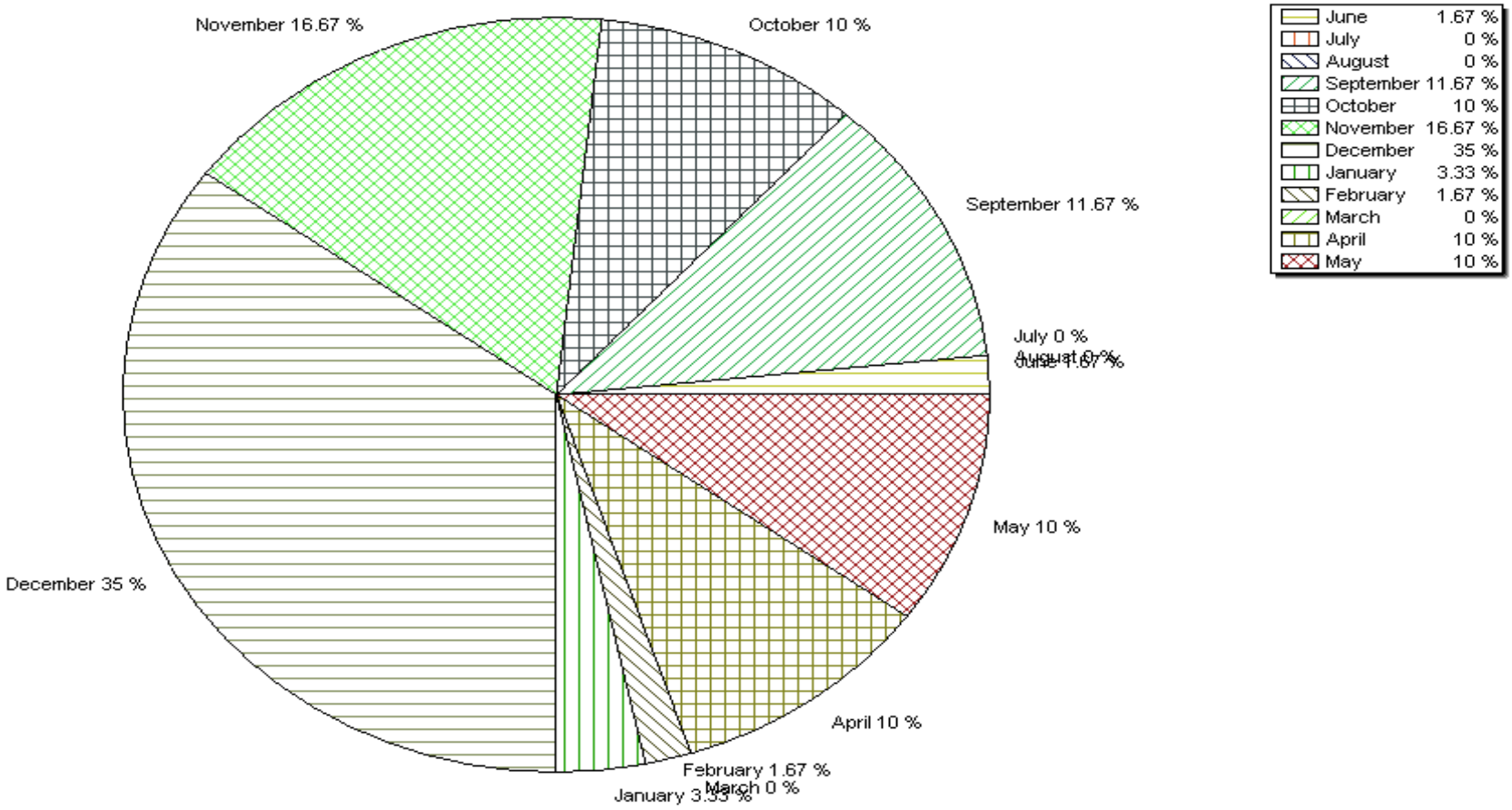
Monthly Runoff for the Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8)

Local River : Gandhayar

Division : SR Division, Coimbatore

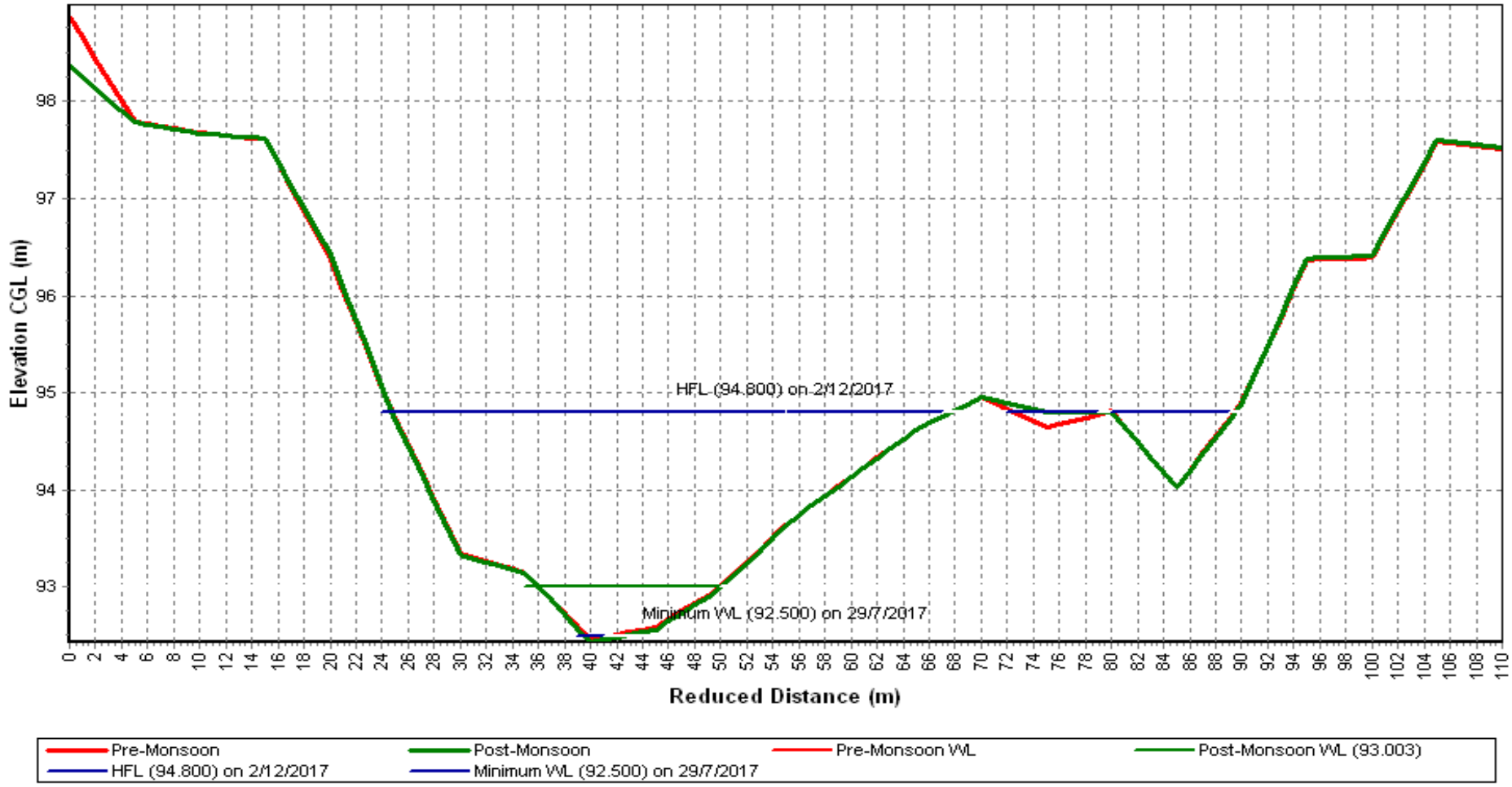
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

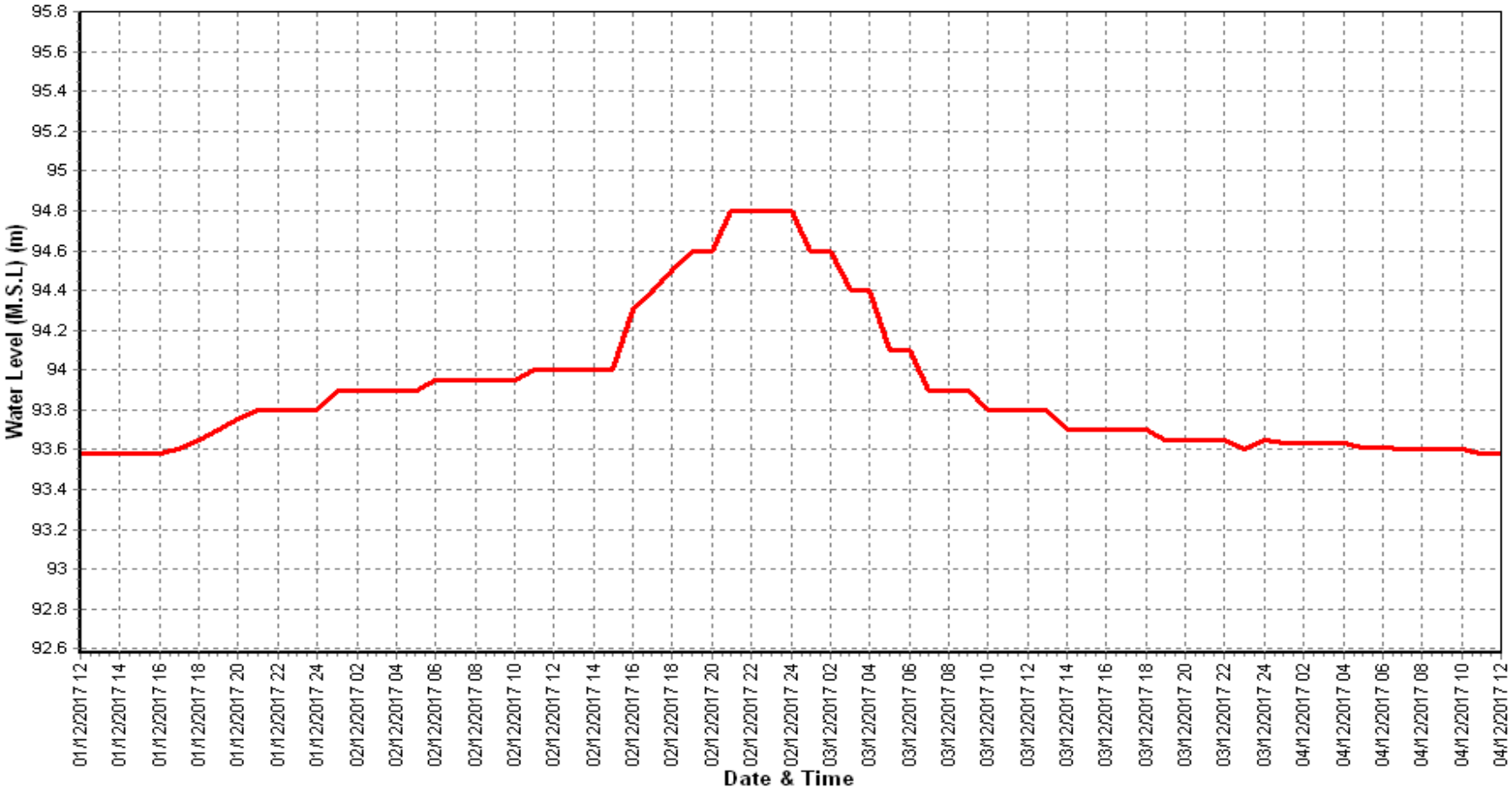
Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**

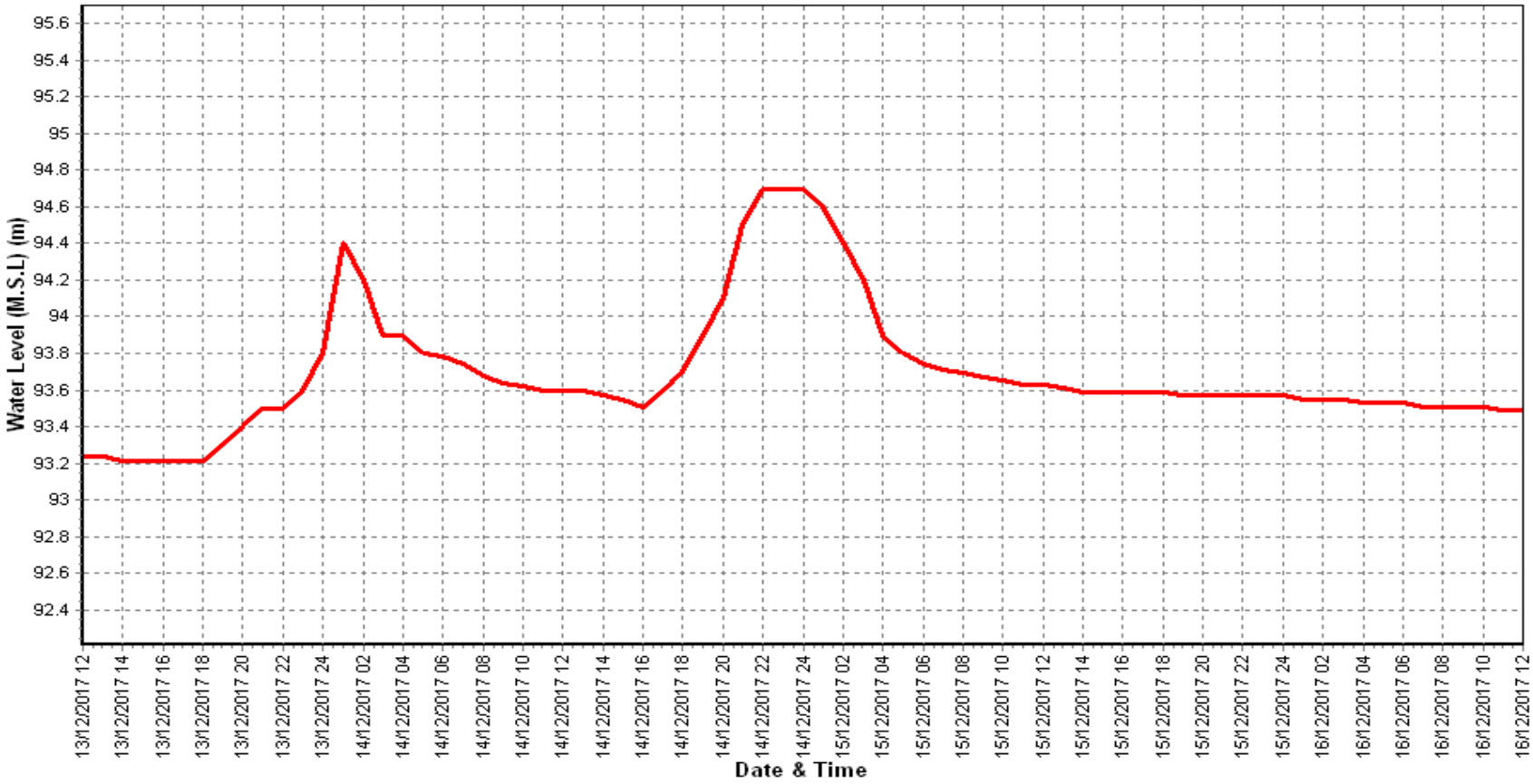


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**

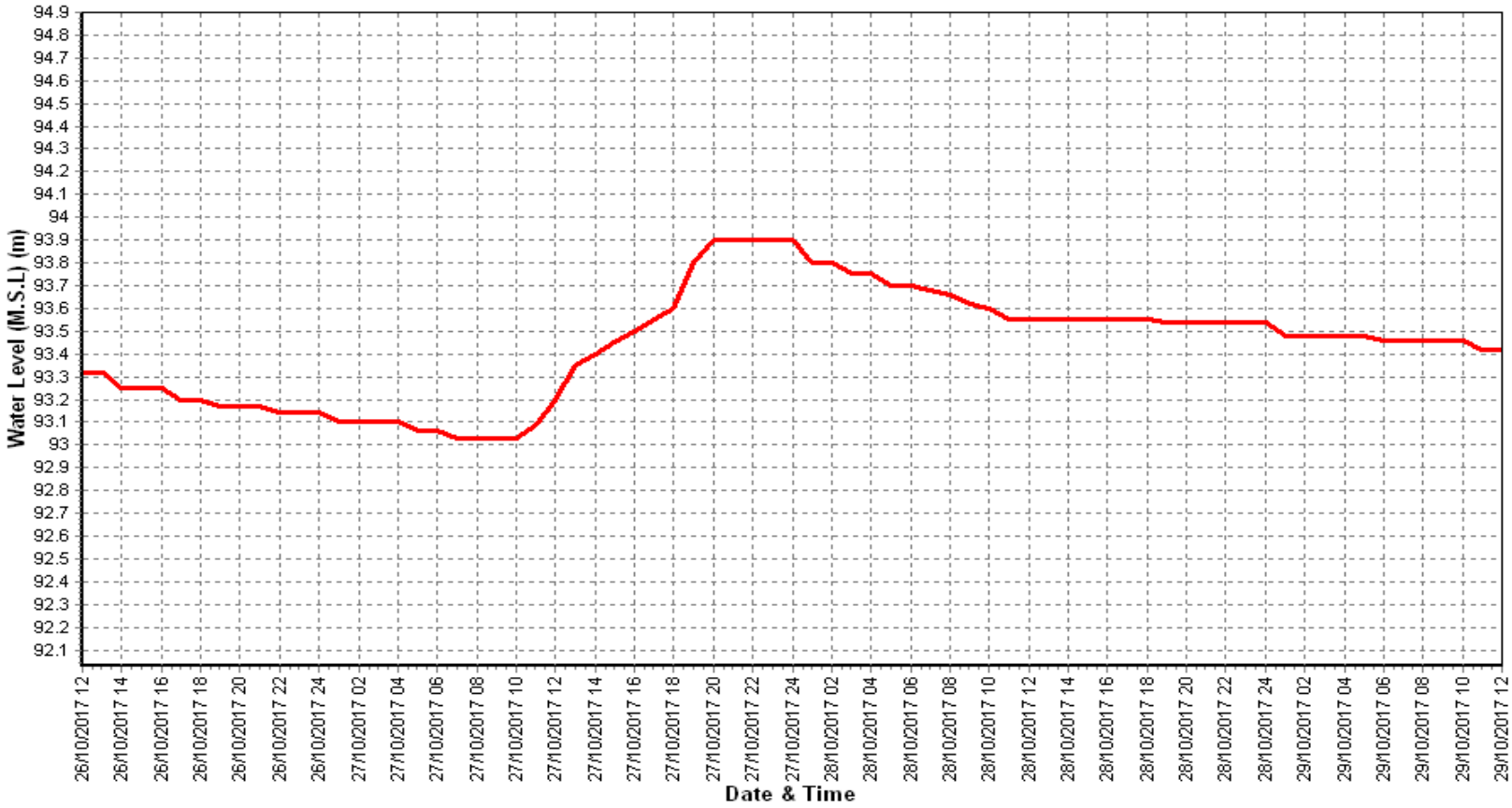


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : GANDHAVAYAL (CCG20C8) **Division : SR Division, Coimbatore**

Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**: NELLITHURAI**		**Code**	**: CCG00Q8**	
State	: Tamil Nadu		District	Coimbatore	
Basin	: Cauvery		Independent River	: Cauvery	
Tributary	: Bhavani		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	: Bhavani	
Division	: SR Division, Coimbatore		Sub-Division	: Middle Cauvery SD, Coimbatore	
Drainage Area	: 1475 Sq. Km.		Bank	: Right	
Latitude	: 11°17'16"		Longitude	: 76°53'28"	
Zero of Gauge (m)	: 300.000 (m.s.l) Arb 299.000 (m.s.l) 301.000 (m.s.l)		23-05-1978 01-06-1983 01-06-1990	- 31-05-1983 - 31-05-1990	
	Opening Date		Closing Date		
Gauge	: 23-05-1978				
Discharge	: 01-06-1979				
Sediment	: 01-07-2002				
Water Quality	: 01-06-1979				

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1979-1980	1205	305.600	19-11-1979	1.500	301.020	21-08-1979
1980-1981	942.3	305.150	02-07-1980	0.700	301.000	30-03-1981
1981-1982	330.0	303.390	23-09-1981	0.000	300.950	16-05-1982
1982-1983	192.0	302.700	13-08-1982	0.000	300.890	01-06-1982
1983-1984	425.8	305.280	22-07-1983	0.300	302.675	01-06-1983
1984-1985	427.1	305.565	18-07-1984	0.900	302.820	04-06-1984
1985-1986	422.0	305.580	26-06-1985	0.300	302.720	04-02-1986
1986-1987	926.2	306.820	09-08-1986	0.400	302.800	06-04-1987
1987-1988	191.1	304.600	24-11-1987	0.427	302.840	23-05-1988
1988-1989	580.0	306.300	18-07-1988	0.300	302.770	28-05-1989
1989-1990	1348	308.250	23-07-1989	0.000	302.735	04-04-1990
1990-1991	412.2	305.350	26-10-1990	0.000	302.685	01-04-1991
1991-1992	535.2	306.372	28-07-1991	0.000	302.944	03-09-1991
1992-1993	808.6	306.772	15-11-1992	0.660	303.013	27-01-1993
1993-1994	340.7	304.951	11-11-1993	0.544	302.908	26-09-1993
1994-1995	1241	307.780	14-07-1994	0.000	302.700	04-03-1995
1995-1996	492.6	305.750	02-09-1995	0.755	302.900	29-03-1996
1996-1997	480.1	305.338	20-06-1996	1.123	303.060	27-04-1997

Q:Observed/Computed Discharge
WL: Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1997-1998	461.7	305.600	01-08-1997	1.500	303.080	11-05-1998
1998-1999	650.4	305.930	01-07-1998	1.100	303.000	23-05-1999
1999-2000	429.1	305.550	19-07-1999	0.500	302.970	16-04-2000
2000-2001	474.4	305.560	26-08-2000	0.770	302.995	07-01-2001
2001-2002	268.3	304.880	18-11-2001	0.720	303.000	15-08-2001
2002-2003	251.8	304.680	25-06-2002	0.669	302.950	15-04-2003
2003-2004	132.0	304.150	08-05-2004	0.621	302.950	22-09-2003
2004-2005	508.2	305.830	13-06-2004	0.583	302.975	30-05-2005
2005-2006	920.6	306.670	27-07-2005	0.248	303.000	01-06-2005
2006-2007	564.4	305.850	04-07-2006	1.258	302.950	05-05-2007
2007-2008	242.3	304.820	05-07-2007	1.203	303.050	31-05-2008
2008-2009	745.2	306.500	26-10-2008	0.632	303.040	14-06-2008
2009-2010	1478	307.300	16-07-2009	0.844	302.965	20-05-2010
2010-2011	239.1	304.760	26-02-2011	1.035	303.040	31-01-2011
2011-2012	673.6	306.200	03-09-2011	1.141	303.000	29-09-2011
2012-2013	204.5	304.810	22-10-2012	1.242	303.060	31-10-2012
2013-2014	985.9	307.050	02-08-2013	0.479	302.965	04-02-2014
2014-2015	261.3	304.930	02-08-2014	0.000	304.350	06-05-2015
2015-2016	647.8	306.220	25-06-2015	0.000	304.450	09-06-2015
2016-2017	102.7	304.050	19-09-2016	0.000	305.550	25-01-2017

Q:Observed/Computed Discharge
WL: Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	2017-18	Q	W.L	Q	W.L	Q	W.L	Q
1	305.520	0.000	305.640	0.000	305.200	0.000	306.100	0.000	305.500	0.000	305.400	0.000
2	305.780	0.000	305.700	0.000	305.560	0.000	305.700	0.000	305.540	0.000	306.000	0.000
3	306.010	0.000	305.590	0.000	305.560	0.000	306.000	0.000	305.810	0.000	305.470	0.000
4	306.100	0.000	304.920	0.000	305.380	0.000	305.450	0.000	305.580	0.000	305.300	0.000
5	304.920	0.000	305.590	0.000	305.260	0.000	306.200	0.000	305.900	0.000	305.600	0.000
6	305.320	0.000	304.910	0.000	305.340	0.000	306.340	0.000	306.200	0.000	305.060	0.000
7	305.400	0.000	305.130	0.000	305.540	0.000	305.750	0.000	305.720	0.000	305.980	0.000
8	305.710	0.000	304.470	0.000	305.950	0.000	306.000	0.000	305.540	0.000	306.120	0.000
9	305.040	0.000	304.620	0.000	305.380	0.000	306.200	0.000	305.990	0.000	305.700	0.000
10	305.030	0.000	304.800	0.000	306.120	0.000	305.600	0.000	306.100	0.000	305.810	0.000
11	305.340	0.000	305.760	0.000	305.280	0.000	306.170	0.000	305.790	0.000	305.320	0.000
12	304.890	0.000	305.270	0.000	305.120	0.000	305.290	0.000	305.590	0.000	305.800	0.000
13	305.110	0.000	305.060	0.000	305.210	0.000	305.600	0.000	306.000	0.000	306.040	0.000
14	306.130	0.000	305.310	0.000	305.340	0.000	305.890	0.000	305.930	0.000	306.220	0.000
15	305.380	0.000	305.470	0.000	305.640	0.000	305.940	0.000	305.700	0.000	306.100	0.000
16	305.240	0.000	303.130	0.000	306.010	0.000	306.150	0.000	305.350	0.000	305.380	0.000
17	305.400	0.000	303.800	0.000	306.210	0.000	306.340	0.000	305.190	0.000	305.700	0.000
18	304.950	0.000	303.360	0.000	305.480	0.000	305.800	0.000	305.650	0.000	305.960	0.000
19	305.110	0.000	305.100	0.000	305.900	0.000	305.880	0.000	305.590	0.000	305.460	0.000
20	304.700	0.000	305.580	0.000	305.450	0.000	306.220	0.000	305.300	0.000	305.200	0.000
21	305.210	0.000	307.850	0.000	305.200	0.000	307.090	0.000	305.780	0.000	305.600	0.000
22	304.710	0.000	305.440	0.000	306.960	0.000	306.350	0.000	306.490	0.000	305.180	0.000
23	304.990	0.000	305.580	0.000	305.100	0.000	306.510	0.000	306.200	0.000	305.050	0.000
24	305.140	0.000	305.000	0.000	305.050	0.000	306.700	0.000	306.180	0.000	305.850	0.000
25	305.200	0.000	305.050	0.000	305.560	0.000	305.750	0.000	305.270	0.000	305.970	0.000
26	304.690	0.000	305.400	0.000	305.720	0.000	306.300	0.000	305.140	0.000	305.200	0.000
27	304.620	0.000	305.480	0.000	306.700	0.000	304.800	0.000	305.400	0.000	305.290	0.000
28	304.900	0.000	305.000	0.000	306.700	0.000	305.380	0.000	305.240	0.000	305.290	0.000
29	305.600	0.000	305.400	0.000	307.250	0.000	305.610	0.000	305.380	0.000	305.310	0.000
30	305.600	0.000	305.200	0.000	306.300	0.000	307.100	0.000	305.580	0.000	305.470	0.000
31			305.290	0.000	305.600	0.000			305.910	0.000		
Ten-Daily Mean												
I Ten-Daily	305.483	0.000	305.137	0.000	305.529	0.000	305.934	0.000	305.788	0.000	305.644	0.000
II Ten-Daily	305.225	0.000	304.784	0.000	305.564	0.000	305.928	0.000	305.609	0.000	305.718	0.000
III Ten-Daily	305.066	0.000	305.517	0.000	306.013	0.000	306.159	0.000	305.688	0.000	305.421	0.000
Monthly												
Min.	304.620	0.000	303.130	0.000	305.050	0.000	304.800	0.000	305.140	0.000	305.050	0.000
Max.	306.130	0.000	307.850	0.000	307.250	0.000	307.100	0.000	306.490	0.000	306.220	0.000
Mean	305.258	0	305.158	0	305.712	0	306.007	0	305.695	0	305.594	0

Annual Runoff in MCM = 0 Annual Runoff in mm = 0

Peak Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :305.52 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :305.52 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	305.490	0.000	305.800	0.000	304.480	0.000	305.770	0.000	305.000	0.000	305.120	0.000
2	305.200	0.000	306.000	0.000	305.140	0.000	306.190	0.000	305.330	0.000	305.450	0.000
3	305.420	0.000 *	305.560	0.000	304.760	0.000	305.100	0.000	305.520	0.000	305.200	0.000
4	306.100	0.000	305.770	0.000	305.350	0.000	305.530	0.000	306.080	0.000	305.400	0.000
5	305.160	0.000	305.560	0.000	304.990	0.000	304.970	0.000	306.570	0.000	305.420	0.000
6	305.510	0.000	305.360	0.000	305.330	0.000	305.420	0.000	305.250	0.000	305.600	0.000
7	305.890	0.000	305.570	0.000	305.940	0.000	305.260	0.000	305.020	0.000	306.310	0.000
8	305.220	0.000	305.200	0.000	305.200	0.000	305.800	0.000	305.610	0.000	305.000	0.000
9	305.090	0.000	305.150	0.000	305.300	0.000	305.270	0.000	305.810	0.000	304.910	0.000
10	306.090	0.000	305.200	0.000	305.000	0.000	305.000	0.000	305.980	0.000	305.130	0.000
11	305.970	0.000	305.380	0.000	305.190	0.000	305.200	0.000	305.700	0.000	306.100	0.000
12	305.620	0.000	305.460	0.000	305.150	0.000	304.900	0.000	305.800	0.000	305.620	0.000
13	305.200	0.000	304.910	0.000	305.230	0.000	305.860	0.000	306.290	0.000	305.250	0.000
14	305.300	0.000	305.700	0.000	305.860	0.000	305.780	0.000	306.100	0.000	305.600	0.000
15	305.010	0.000	305.180	0.000	306.040	0.000	306.500	0.000	306.600	0.000	304.720	0.000
16	305.070	0.000	305.210	0.000	306.060	0.000	305.250	0.000	305.340	0.000	305.790	0.000
17	305.300	0.000	305.570	0.000	305.700	0.000	306.700	0.000	305.370	0.000	305.190	0.000
18	305.760	0.000	305.110	0.000	305.040	0.000	305.800	0.000	305.180	0.000	305.500	0.000
19	305.630	0.000	306.010	0.000	304.860	0.000	305.100	0.000	305.880	0.000	305.750	0.000
20	305.370	0.000	306.030	0.000	305.480	0.000	305.560	0.000	305.310	0.000	305.450	0.000
21	305.770	0.000	305.320	0.000	305.180	0.000	305.200	0.000	305.300	0.000	304.090	0.000
22	305.770	0.000	305.410	0.000	305.720	0.000	306.390	0.000	305.500	0.000	304.000	0.000
23	305.160	0.000	305.450	0.000	305.560	0.000	306.300	0.000	305.280	0.000	305.000	0.000
24	305.360	0.000	305.480	0.000	305.000	0.000	305.550	0.000	306.050	0.000	305.570	0.000
25	305.470	0.000	305.710	0.000	305.510	0.000	305.800	0.000	305.390	0.000	305.480	0.000
26	305.860	0.000	305.610	0.000	305.100	0.000	305.460	0.000	304.820	0.000	305.180	0.000
27	305.210	0.000	305.000	0.000	305.000	0.000	305.520	0.000	304.840	0.000	305.670	0.000
28	305.080	0.000	305.510	0.000	305.180	0.000	306.240	0.000	305.200	0.000	305.960	0.000
29	305.800	0.000	305.360	0.000			305.400	0.000	305.760	0.000	305.200	0.000
30	306.690	0.000	305.400	0.000			306.410	0.000	305.180	0.000	305.160	0.000
31	306.390	0.000	305.410	0.000			305.210	0.000			306.000	0.000
Ten-Daily Mean												
I Ten-Daily	305.517	0.000	305.517	0.000	305.149	0.000	305.431	0.000	305.617	0.000	305.354	0.000
II Ten-Daily	305.423	0.000	305.456	0.000	305.461	0.000	305.665	0.000	305.757	0.000	305.497	0.000
III Ten-Daily	305.687	0.000	305.424	0.000	305.281	0.000	305.771	0.000	305.332	0.000	305.210	0.000
Monthly												
Min.	305.010	0.000	304.910	0.000	304.480	0.000	304.900	0.000	304.820	0.000	304.000	0.000
Max.	306.690	0.000	306.030	0.000	306.060	0.000	306.700	0.000	306.600	0.000	306.310	0.000
Mean	305.547	0	305.464	0	305.298	0	305.627	0	305.569	0	305.349	0

Peak Computed Discharge = 0.000 cumecs on 03/12/2017 Corres. Water Level :305.42 m

Lowest Computed Discharge = 0.000 cumecs on 03/12/2017 Corres. Water Level :305.42 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

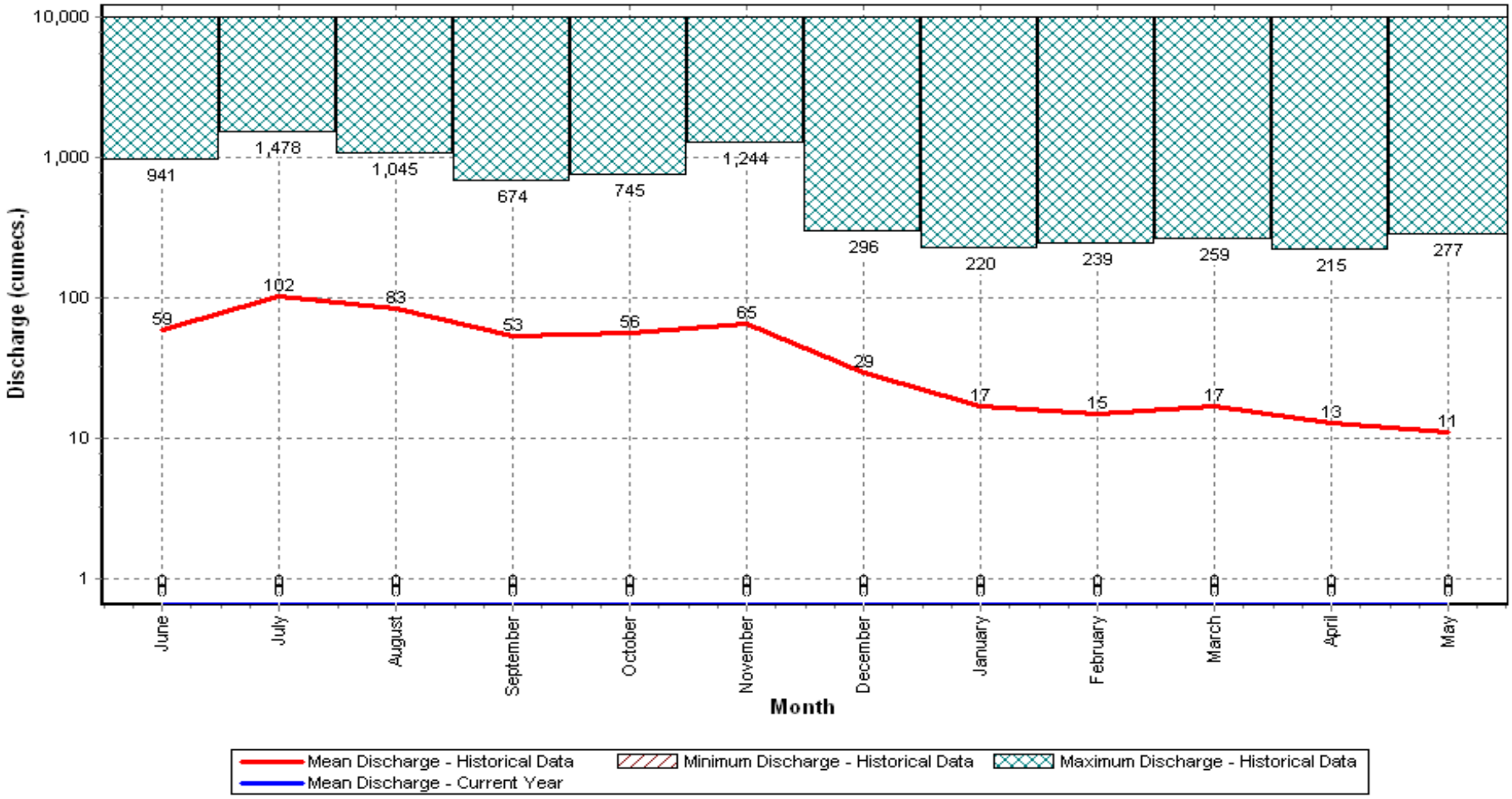
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) | **Data considered : 1979-2018** | **Division : SR Division, Coimbatore**

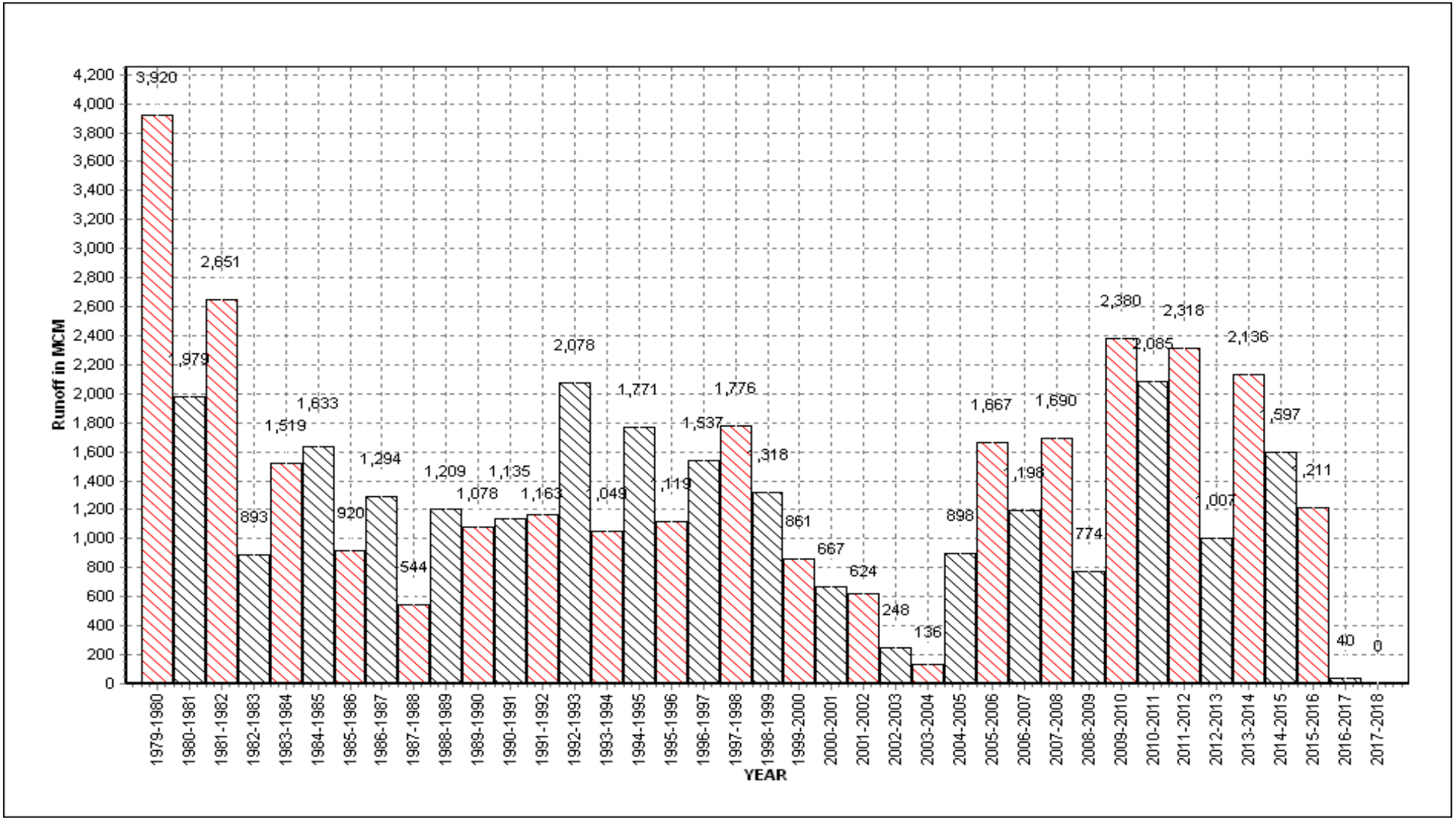
Local River : Bhavani | **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Note: Missing values have not been considered while arriving at Annual Runoff

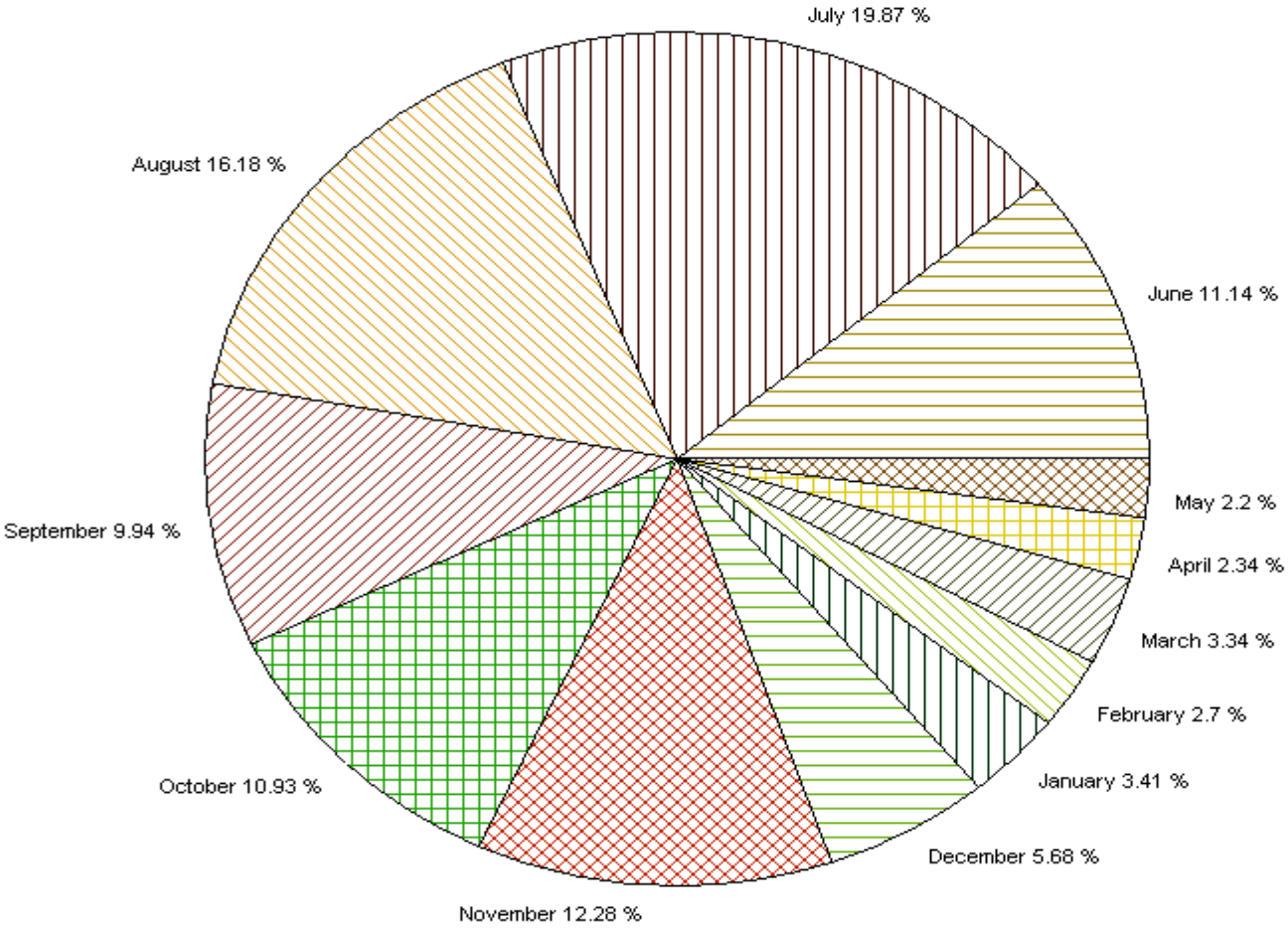
Monthly Average Runoff based on period : 1979-2017

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



June	11.14 %
July	19.87 %
August	16.18 %
September	9.94 %
October	10.93 %
November	12.28 %
December	5.68 %
January	3.41 %
February	2.7 %
March	3.34 %
April	2.34 %
May	2.2 %

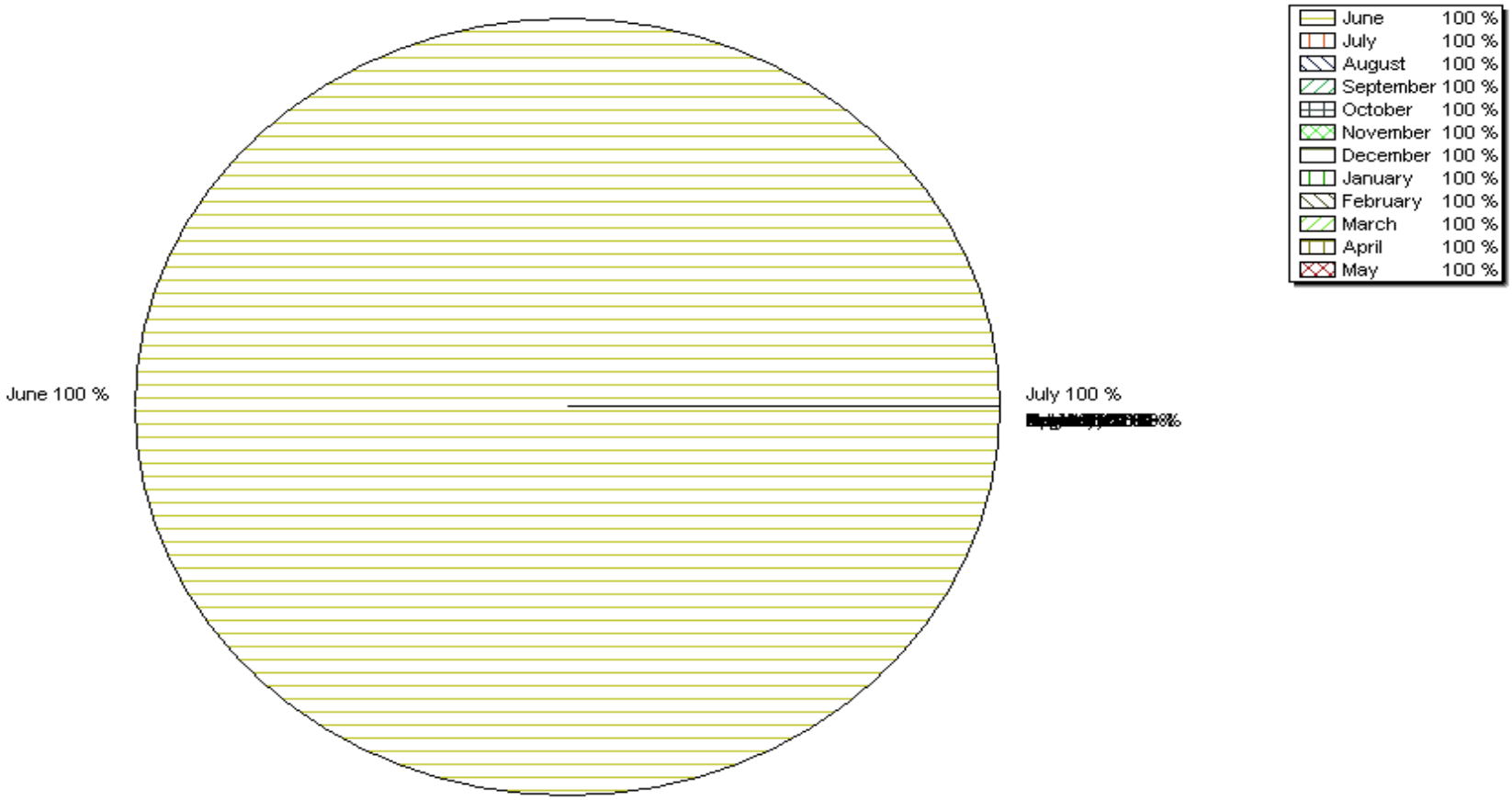
Monthly Runoff for the Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8)

Division : SR Division, Coimbatore

Local River : Bhavani

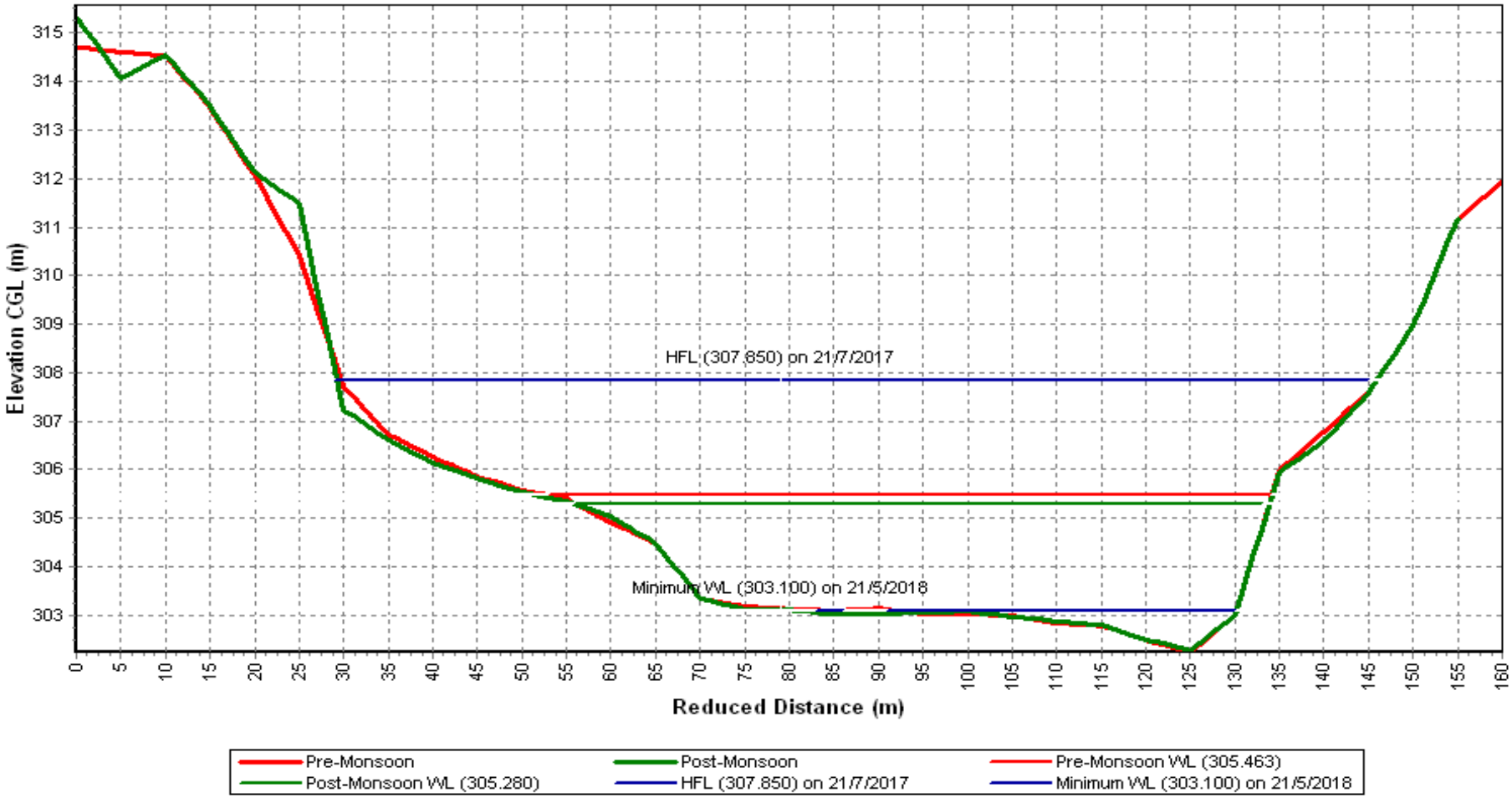
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

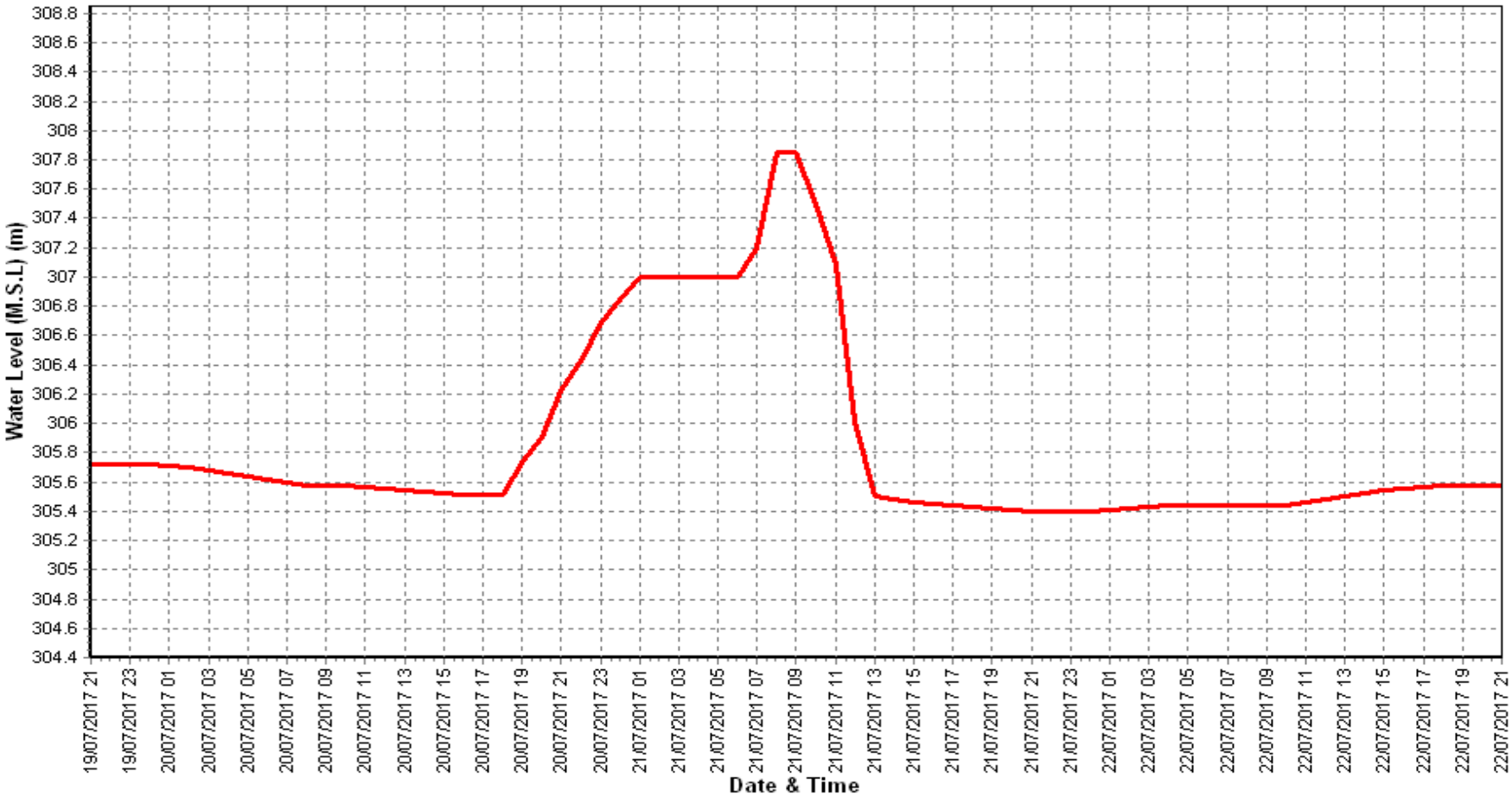
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

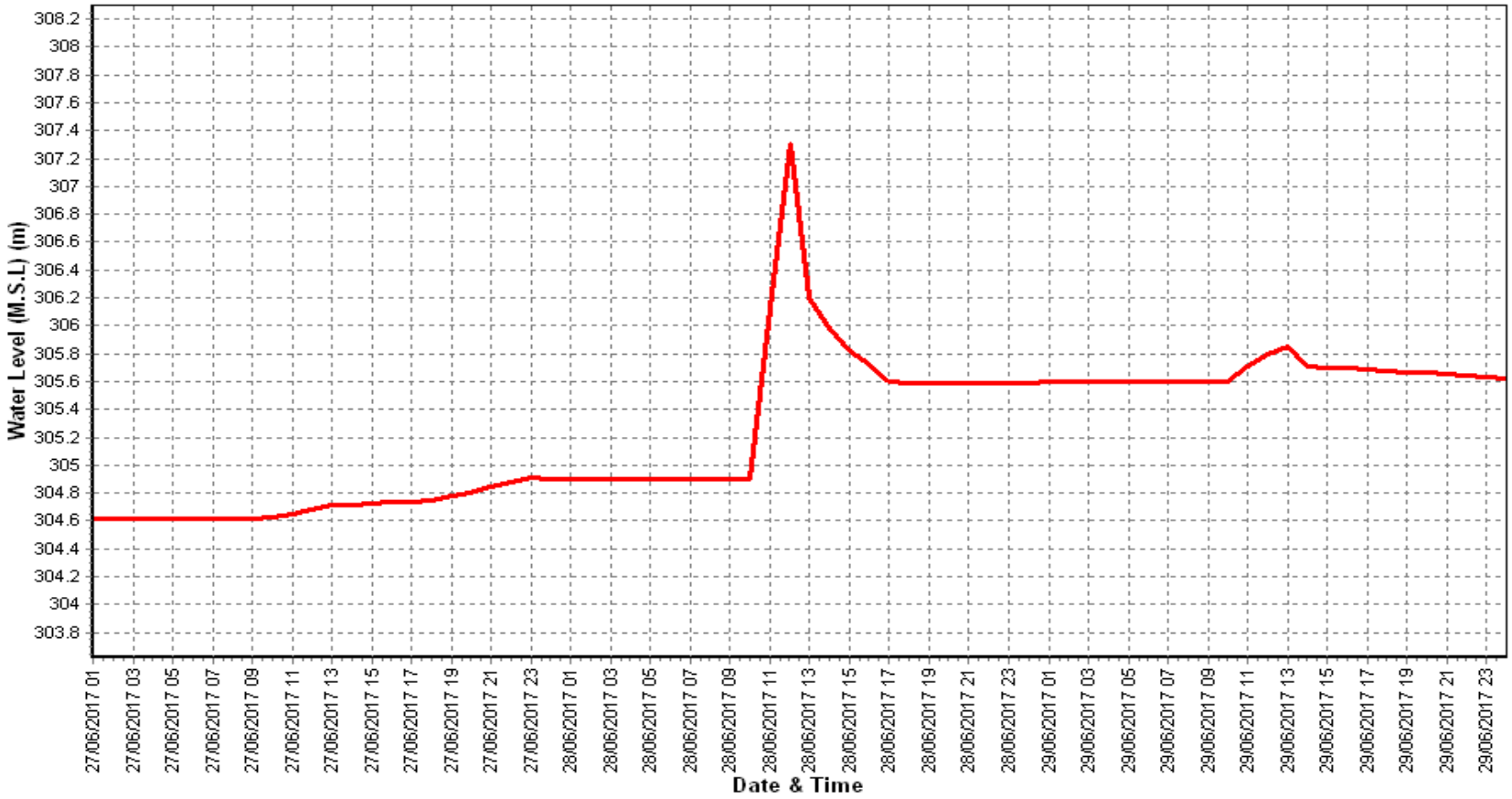


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

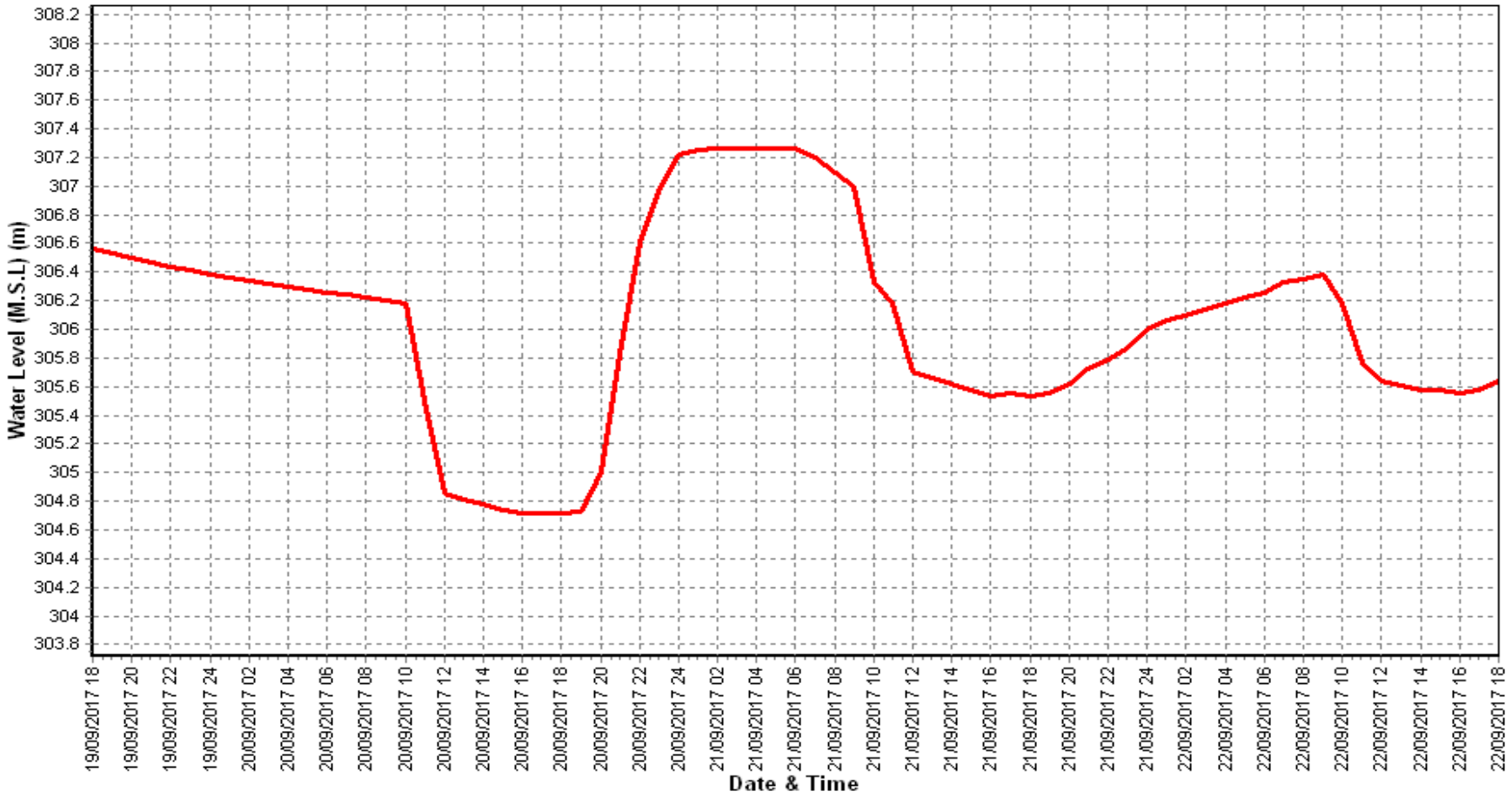


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**: URACHIKOTTAI**		**Code**	**: CC000K5**	
State	: Tamil Nadu		District	Erode	
Basin	: Cauvery		Independent River	: Cauvery	
Tributary	: -		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	: Cauvery	
Division	: SR Division, Coimbatore		Sub-Division	: Middle Cauvery SD, Coimbatore	
Drainage Area	: 44100 Sq. Km.		Bank	: Right	
Latitude	: 11°28'40"		Longitude	: 77°42'00"	
Zero of Gauge (m)	: 155.000 (m.s.l) 154.000 (m.s.l)		01-06-1978 01-06-1985	- 31-05-1985	
	Opening Date		Closing Date		
Gauge	: 01-06-1978				
Discharge	: 01-06-1979				
Sediment	: 04-01-2001				
Water Quality	: 01-06-1979				

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1979-1980	4920	165.640	14-08-1979	10.00	158.825	28-10-1979
1980-1981	4664	165.830	06-07-1980	0.400	158.345	13-05-1981
1981-1982	4240	165.435	22-08-1981	6.400	158.545	08-03-1982
1982-1983	600.5	161.075	03-09-1982	2.600	158.360	30-05-1983
1983-1984	1010	161.640	12-10-1983	0.900	158.210	03-06-1983
1984-1985	1120	161.640	21-07-1984	5.200	158.420	01-02-1985
1985-1986	562.0	160.420	24-08-1985	4.000	157.900	12-11-1985
1986-1987	624.0	160.710	02-10-1986	0.000	157.800	01-06-1986
1987-1988	532.1	160.495	23-12-1987	0.950	157.875	05-07-1987
1988-1989	666.3	160.900	15-10-1988	0.000	157.800	07-06-1988
1989-1990	708.6	160.961	13-09-1989	0.000	158.220	02-06-1989
1990-1991	570.0	160.620	07-09-1990	0.000	158.340	05-06-1990
1991-1992	1536	162.224	21-08-1991	12.25	158.332	25-05-1992
1992-1993	2281	163.149	22-08-1992	29.85	158.270	15-03-1993
1993-1994	604.4	160.625	17-09-1993	25.28	157.975	01-12-1993
1994-1995	2386	163.300	02-08-1994	0.000	158.410	03-06-1994
1995-1996	667.0	160.701	27-11-1995	0.000	158.295	01-06-1995
1996-1997	626.9	160.595	02-11-1996	0.000	158.450	22-06-1996

Q:Observed / Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1997-1998	855.0	161.188	09-09-1997	0.000	158.150	21-10-1997
1998-1999	830.0	160.980	02-11-1998	0.000	158.250	07-11-1998
1999-2000	797.6	161.260	12-08-1999	0.000	158.460	22-06-1999
2000-2001	3720	163.885	11-10-2000	0.000	158.400	04-06-2000
2001-2002	573.3	160.660	20-07-2001	1.090	158.300	12-11-2001
2002-2003	501.2	160.360	13-09-2002	0.000	158.500	01-06-2002
2003-2004	580.9	160.480	13-10-2003	0.000	157.760	01-06-2003
2004-2005	580.6	160.540	21-08-2004	0.000	157.870	01-06-2004
2005-2006	5855	165.010	25-10-2005	0.000	158.495	01-06-2005
2006-2007	1774	162.220	21-08-2006	0.000	159.180	24-10-2006
2007-2008	3422	164.030	13-08-2007	0.000	158.060	01-06-2007
2008-2009	484.8	160.680	10-10-2008	0.000	158.030	01-06-2008
2009-2010	838.8	161.180	13-10-2009	0.000	158.370	01-06-2009
2010-2011	588.9	160.530	27-10-2010	0.000	158.050	01-06-2010
2011-2012	715.9	160.650	05-07-2011	0.000	158.460	01-06-2011
2012-2013	638.0	160.575	17-10-2012	0.000	158.300	21-06-2012
2013-2014	3896	164.160	06-08-2013	0.000	158.045	01-06-2013
2014-2015	712.5	160.830	16-09-2014	0.000	157.930	01-06-2014
2015-2016	565.9	160.400	30-08-2015	0.000	158.480	11-06-2015
2016-2017	563.5	160.510	14-10-2016	0.000	157.960	23-08-2016

Q:Observed / Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	2017-18	Q	W.L	Q	W.L	Q	W.L	Q
1	157.840	0.000	157.930	0.000	158.740	81.59	158.110	0.000	158.120	0.000	159.085	132.2
2	157.840	0.000	157.910	0.000	159.020	113.4	158.120	0.000	158.080	0.000	159.045	116.8
3	157.830	0.000	157.900	0.000	158.880	86.80	158.350	0.000	160.400	590.8	159.125	138.2
4	157.830	0.000	158.730	74.31	158.865	81.44	157.950	0.000	160.345	525.2	159.300	171.2 *
5	157.820	0.000	158.180	0.000	158.770	73.38	157.870	0.000	160.515	547.6	158.900	92.23 *
6	157.820	0.000	157.900	0.000	158.730	66.48 *	158.150	0.000	160.415	533.0	158.860	82.93
7	157.820	0.000	157.880	0.000	159.000	103.9	158.180	0.000	160.320	515.0	159.180	149.7
8	157.820	0.000	157.850	0.000	159.005	104.0	158.140	0.000	160.080	403.5 *	159.090	128.1
9	157.830	0.000	157.850	0.000	159.500	204.4	158.040	0.000	160.280	497.5	159.060	120.6
10	157.830	0.000	157.900	0.000	159.490	202.9	158.100	0.000	160.280	494.8	159.090	131.8
11	157.830	0.000	157.890	0.000	159.460	190.0	158.040	0.000	160.370	528.2	159.060	121.8
12	157.820	0.000	157.890	0.000	159.460	190.0	158.080	0.000	160.525	608.3	159.040	116.9 *
13	157.820	0.000	157.900	0.000	158.410	0.000	159.500	207.6	160.540	620.1	159.070	124.2
14	157.820	0.000	157.870	0.000	158.260	0.000	159.875	346.7	160.350	532.7	159.510	205.1
15	157.830	0.000	157.870	0.000	158.250	0.000	159.915	358.3	160.360	513.4 *	159.530	215.6
16	157.830	0.000	157.990	0.000	158.240	0.000	159.200	151.0	160.380	523.6	159.520	214.8
17	157.830	0.000	158.480	0.000	158.300	0.000	159.170	142.7 *	160.655	658.7	159.560	218.9
18	157.830	0.000	158.400	0.000	158.540	36.53	159.020	145.3	160.660	647.1 *	159.580	221.5
19	157.830	0.000	158.140	0.000	158.430	0.000	158.770	77.18	160.660	654.0	159.540	231.4 *
20	157.830	0.000	158.330	0.000	158.290	0.000	158.790	81.88	160.620	628.2	159.600	232.1
21	157.840	0.000	158.490	0.000	158.430	0.000	158.830	85.80	160.640	661.5	159.540	216.6
22	157.840	0.000	158.490	0.000	158.480	0.000	158.760	72.02	160.400	530.2 *	159.550	217.6
23	157.840	0.000	158.390	0.000	158.300	0.000	158.785	79.77	160.270	490.6	159.570	223.0
24	157.840	0.000	158.270	0.000	158.300	0.000	158.830	81.08 *	160.300	504.8	159.570	223.8
25	157.860	0.000	157.920	0.000	157.880	0.000	158.955	94.58	160.290	508.4	159.580	233.1
26	157.850	0.000	157.880	0.000 *	157.940	0.000	158.120	0.000	160.320	521.7	159.590	245.2 *
27	157.850	0.000	157.890	0.000	158.250	0.000	158.120	0.000	160.290	504.1	159.590	237.1
28	157.840	0.000	157.940	0.000	158.180	0.000	158.090	0.000	160.290	503.5	159.600	237.6
29	157.860	0.000	158.110	0.000	158.200	0.000	158.100	0.000	160.010	378.3 *	159.490	208.3
30	158.200	0.000	158.120	0.000	158.060	0.000	158.060	0.000	160.030	372.3	159.260	153.9
31			157.900	0.000	158.100	0.000			159.445	232.9		
Ten-Daily Mean												
I Ten-Daily	157.828	0.000	158.003	7.431	159.000	111.8	158.101	0.000	159.884	410.8	159.073	126.4
II Ten-Daily	157.827	0.000	158.076	0.000	158.564	41.66	159.036	151.1	160.512	591.4	159.401	190.2
III Ten-Daily	157.882	0.000	158.127	0.000	158.193	0.000	158.465	41.32	160.208	473.5	159.534	219.6
Monthly												
Min.	157.820	0.000	157.850	0.000	157.880	0.000	157.870	0.000	158.080	0.000	158.860	82.93
Max.	158.200	0.000	158.730	74.31	159.500	204.4	159.915	358.3	160.660	661.5	159.600	245.2
Mean	157.846	0	158.071	2.397	158.573	49.51	158.534	64.13	160.201	491.3	159.336	178.7

Annual Runoff in MCM = 3002 Annual Runoff in mm = 68

Peak Observed Discharge = 661.5 cumecs on 21/10/2017 Corres. Water Level :160.64 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :157.84 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	158.350	0.000	159.820	271.4	157.890	0.000	157.910	0.000	158.120	0.000	157.910	0.000
2	158.300	0.000	159.840	274.4	157.890	0.000	157.910	0.000	157.960	0.000	157.970	0.000
3	158.300	0.000	159.820	271.4	157.930	0.000	157.930	0.000	157.930	0.000	157.970	0.000
4	158.130	0.000	159.820	274.4	157.910	0.000	157.930	0.000	157.930	0.000	158.020	0.000
5	158.100	0.000	159.810	269.4	157.890	0.000	157.920	0.000	157.930	0.000	158.000	0.000
6	158.080	0.000	159.820	271.4	157.900	0.000	157.910	0.000	157.930	0.000	157.980	0.000
7	158.110	0.000	159.840	286.0 *	157.890	0.000	157.910	0.000	157.930	0.000	157.980	0.000
8	158.090	0.000	158.860	82.41	157.890	0.000	157.920	0.000	157.920	0.000	157.980	0.000
9	159.600	232.1	158.870	83.39	157.880	0.000	157.920	0.000	157.920	0.000	157.980	0.000
10	158.050	0.000	158.860	82.83	157.910	0.000	157.900	0.000	157.920	0.000	157.980	0.000
11	158.130	0.000	158.820	78.48	157.910	0.000	157.890	0.000	157.920	0.000	158.660	52.70
12	158.100	0.000	158.850	82.23	157.910	0.000	157.890	0.000	157.920	0.000	158.920	86.52
13	158.010	0.000	158.820	78.48	157.910	0.000	157.890	0.000	157.920	0.000	158.830	78.83 *
14	159.600	232.1	158.800	74.44 *	158.130	0.000	157.900	0.000	157.910	0.000	158.820	76.65
15	159.800	268.5	158.800	75.48	157.960	0.000	157.910	0.000	157.920	0.000	158.680	57.92
16	159.800	268.5	158.820	78.48	157.930	0.000	157.930	0.000	159.230	146.4	158.730	62.80
17	159.760	265.6 *	158.820	78.48	157.930	0.000	157.930	0.000	157.950	0.000	158.800	76.42
18	159.740	260.4	158.850	82.23	157.940	0.000	158.650	54.16 *	157.940	0.000	158.800	74.89
19	159.760	263.4	159.810	269.9	157.900	0.000	158.900	81.99	157.890	0.000	158.675	57.32
20	159.760	263.4	159.980	364.8	157.880	0.000	158.560	40.22	157.890	0.000	158.700	60.61 *
21	159.770	264.8	159.670	243.4 *	157.900	0.000	158.680	60.30	157.900	0.000	158.660	53.11
22	159.700	245.5	159.640	247.1	157.900	0.000	158.620	54.24	157.900	0.000	157.920	0.000
23	159.500	211.6	159.680	268.1	157.900	0.000	158.770	64.03	157.900	0.000	158.340	0.000
24	159.500	203.9 *	159.530	215.4	157.900	0.000	158.130	0.000	157.900	0.000	158.040	0.000
25	159.500	203.9 *	159.570	220.2	157.900	0.000	158.020	0.000	157.890	0.000	158.040	0.000
26	159.550	217.6	158.600	48.03 *	157.900	0.000	157.960	0.000	157.890	0.000	158.060	0.000
27	159.520	214.1	158.660	67.17	157.900	0.000	157.950	0.000	157.890	0.000	158.040	0.000
28	159.530	215.4	158.570	44.50 *	157.910	0.000	157.940	0.000	157.910	0.000	158.050	0.000
29	159.530	215.4	158.100	0.000			157.930	0.000	157.900	0.000	158.050	0.000
30	159.810	269.9	157.910	0.000			157.940	0.000	157.900	0.000	158.060	0.000
31	159.820	280.8 *	157.910	0.000			157.940	0.000			158.070	0.000
Ten-Daily Mean												
I Ten-Daily	158.311	23.21	159.536	216.7	157.898	0.000	157.916	0.000	157.949	0.000	157.977	0.000
II Ten-Daily	159.246	182.2	159.037	126.3	157.940	0.000	158.145	17.64	158.049	14.64	158.762	68.47
III Ten-Daily	159.612	231.2	158.895	123.1	157.901	0.000	158.171	16.23	157.898	0.000	158.121	4.828
Monthly												
Min.	158.010	0.000	157.910	0.000	157.880	0.000	157.890	0.000	157.890	0.000	157.910	0.000
Max.	159.820	280.8	159.980	364.8	158.130	0.000	158.900	81.99	159.230	146.4	158.920	86.52
Mean	159.074	148.3	159.147	154.3	157.914	0	158.080	11.45	157.965	4.88	158.281	23.8

Peak Computed Discharge = 647.1 cumecs on 18/10/2017 Corres. Water Level :160.66 m

Lowest Computed Discharge = 0.000 cumecs on 26/07/2017 Corres. Water Level :157.88 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

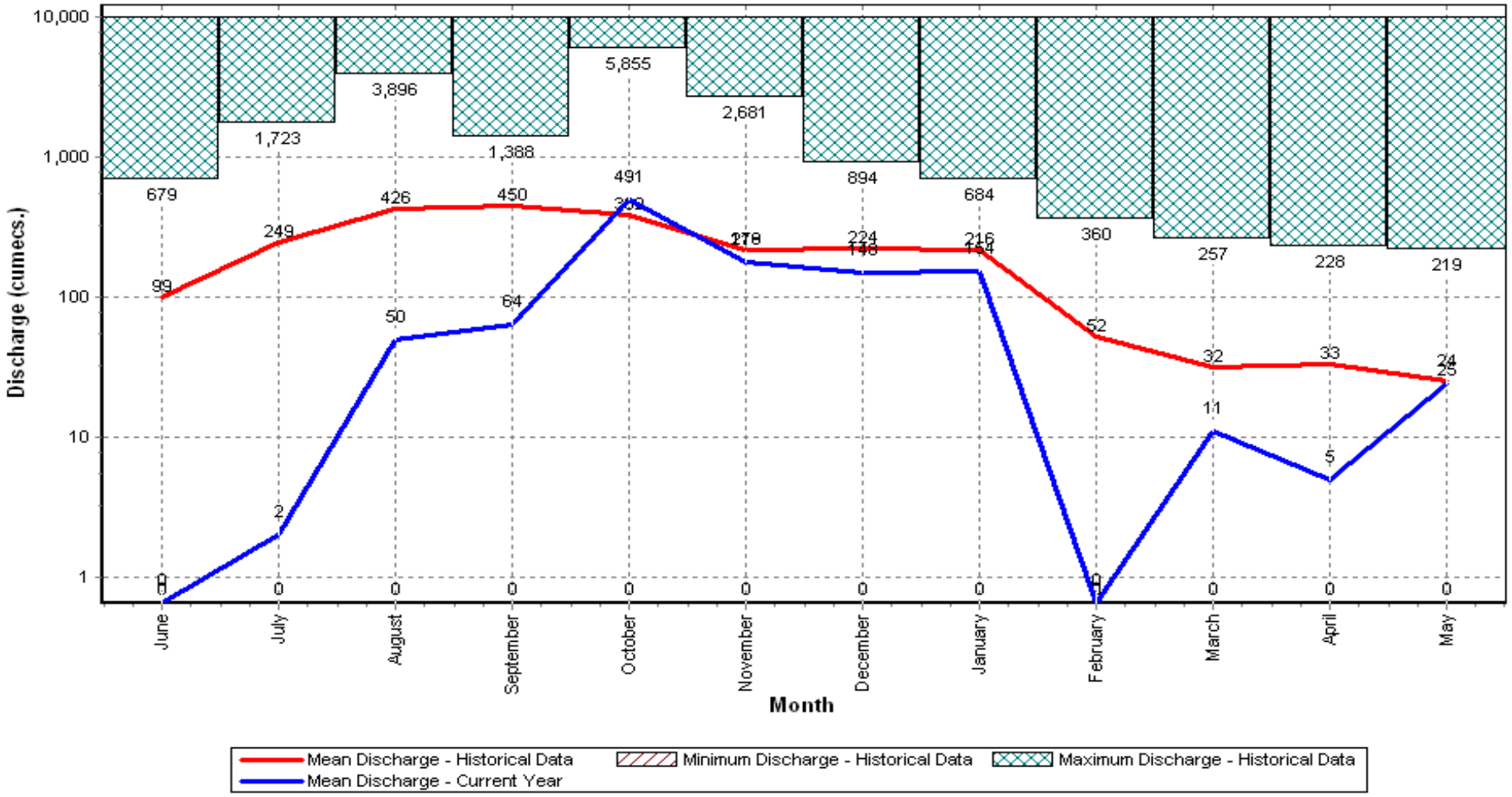
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) | **Data considered : 1984-2018** | **Division : SR Division, Coimbatore**

Local River : Cauvery | **Sub-Division : Middle Cauvery SD, Coimbatore**



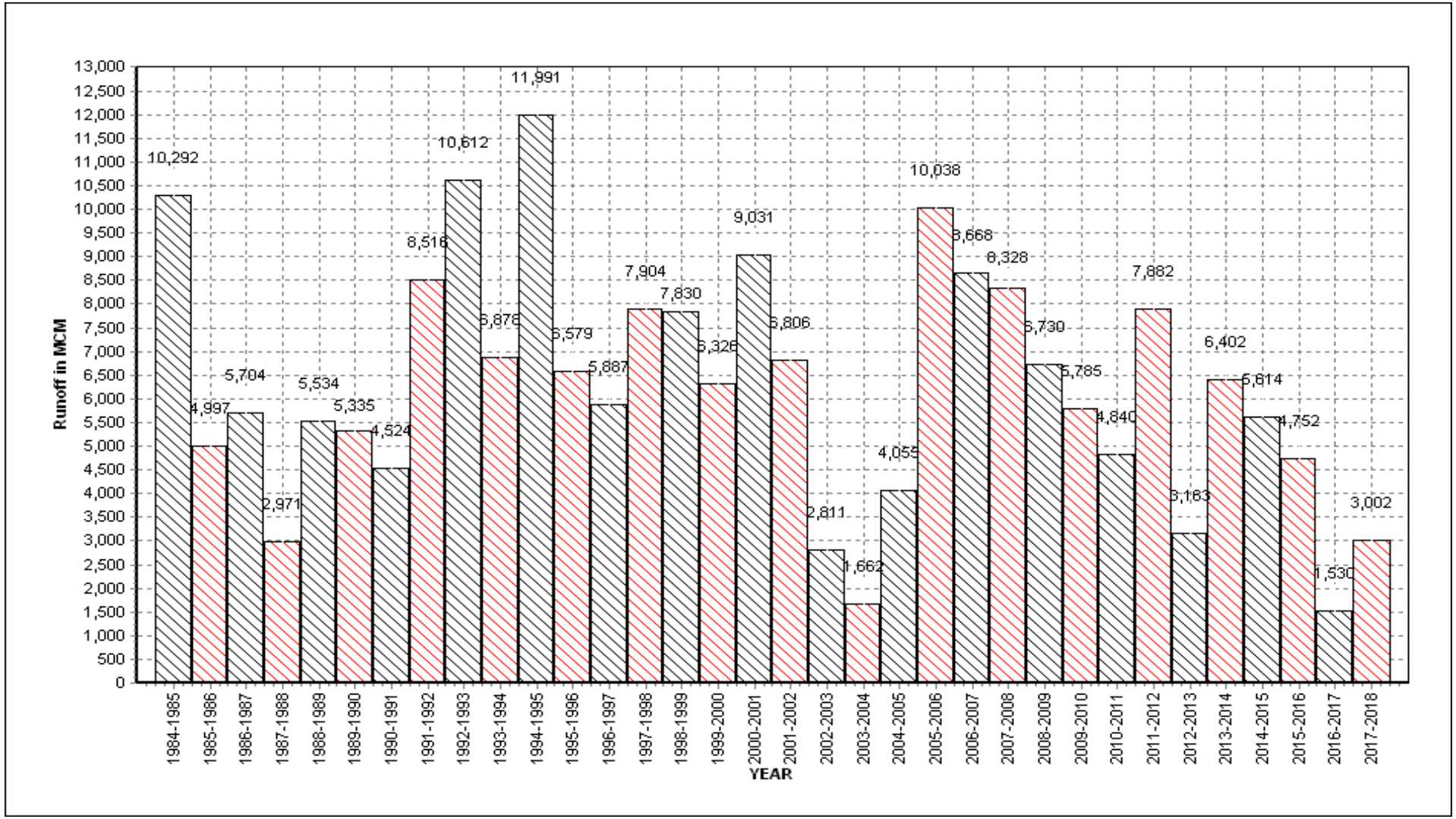
Annual Runoff Values for the period: 1984 - 2018

Station Name : URACHIKOTTAI (CC000K5)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

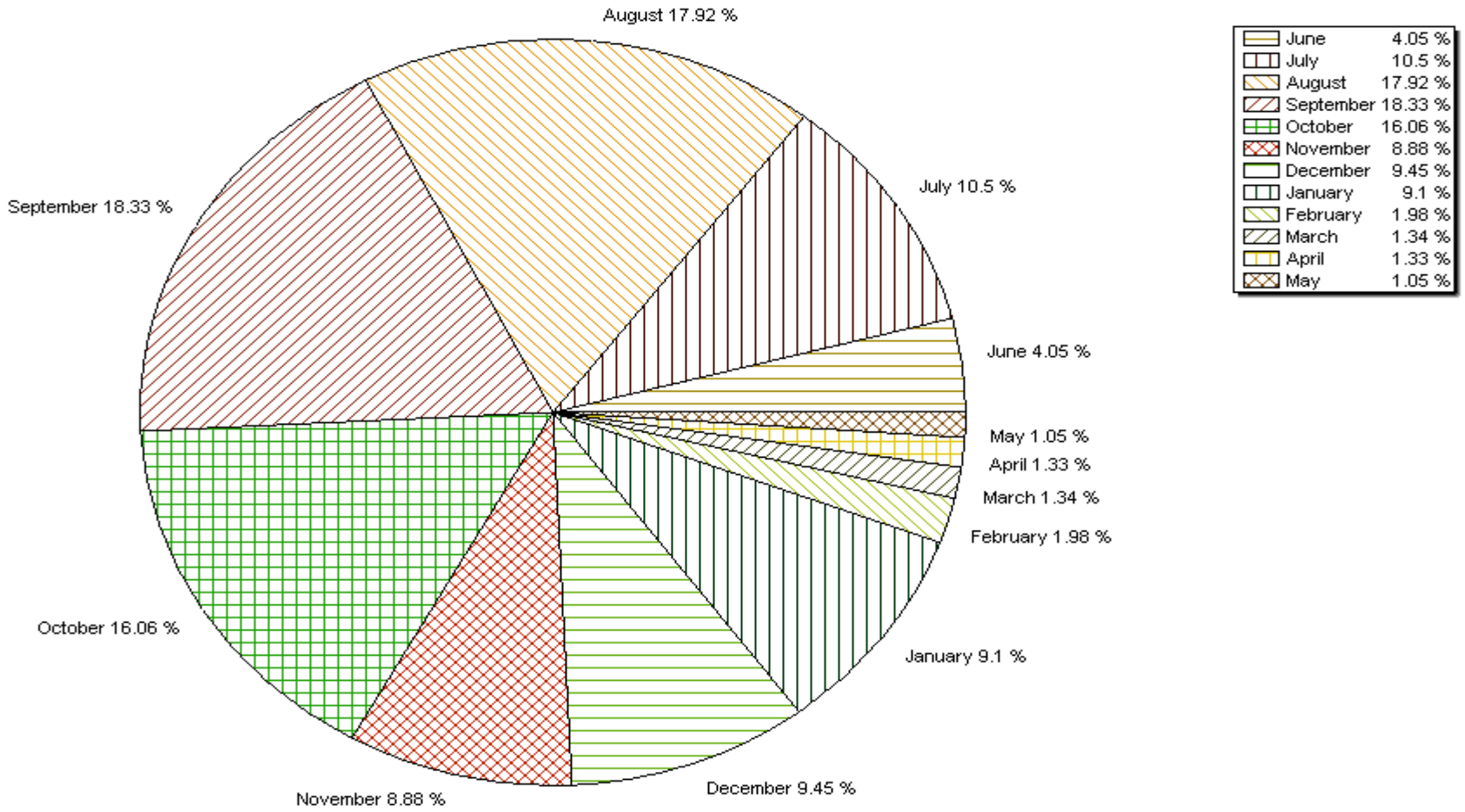
Monthly Average Runoff based on period : 1984-2017

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



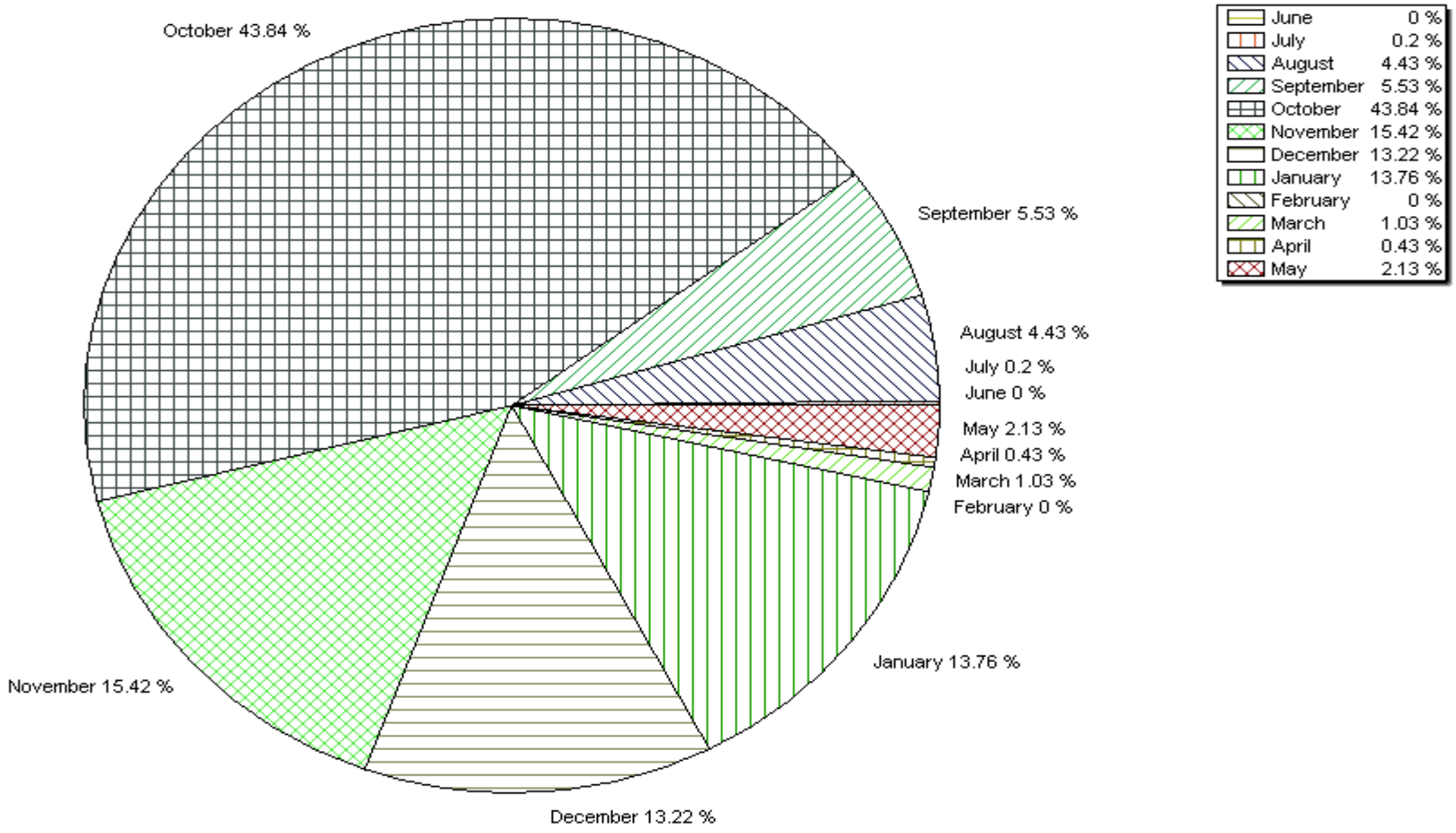
Monthly Runoff for the Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5)

Division : SR Division, Coimbatore

Local River : Cauvery

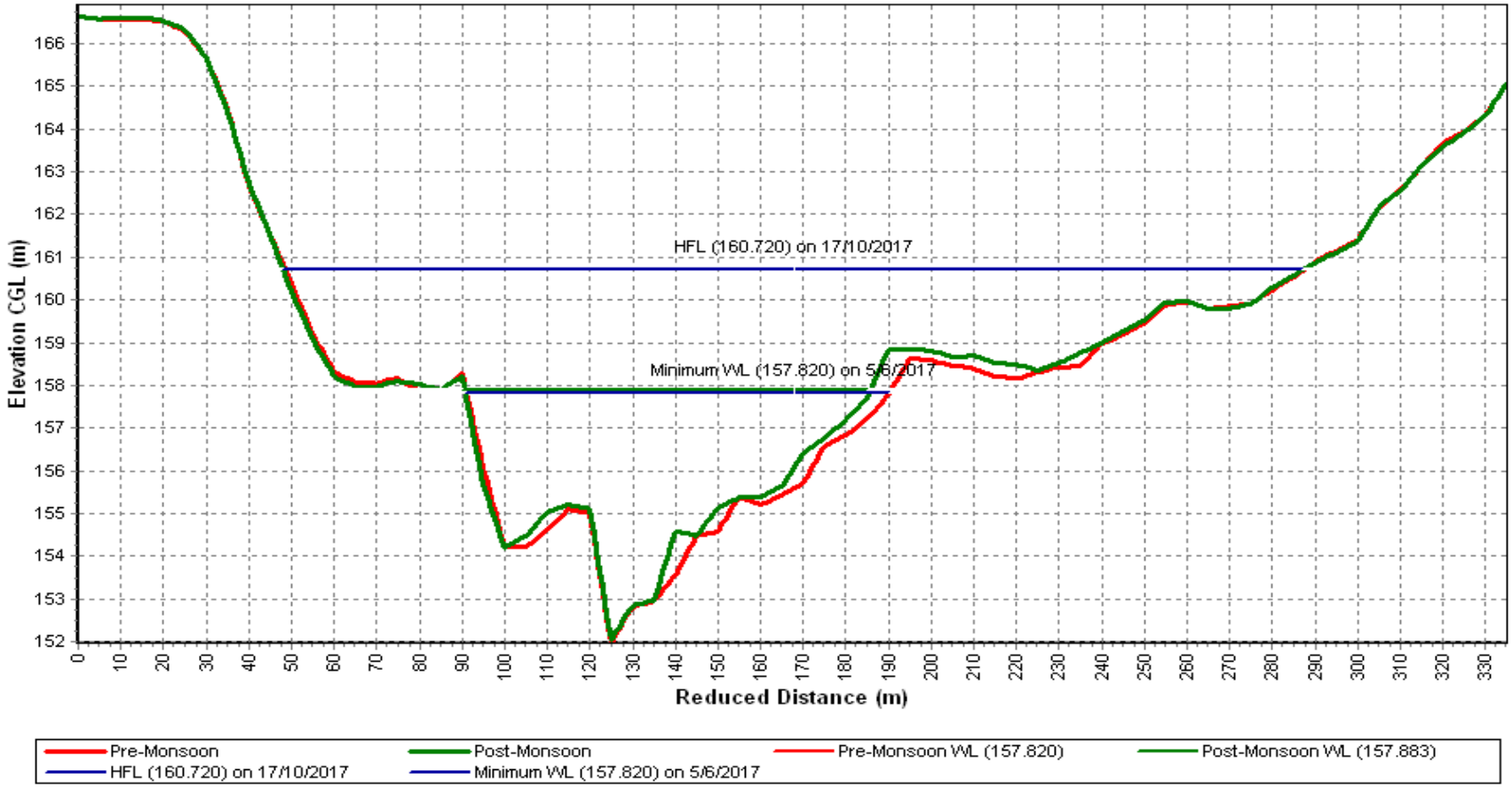
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

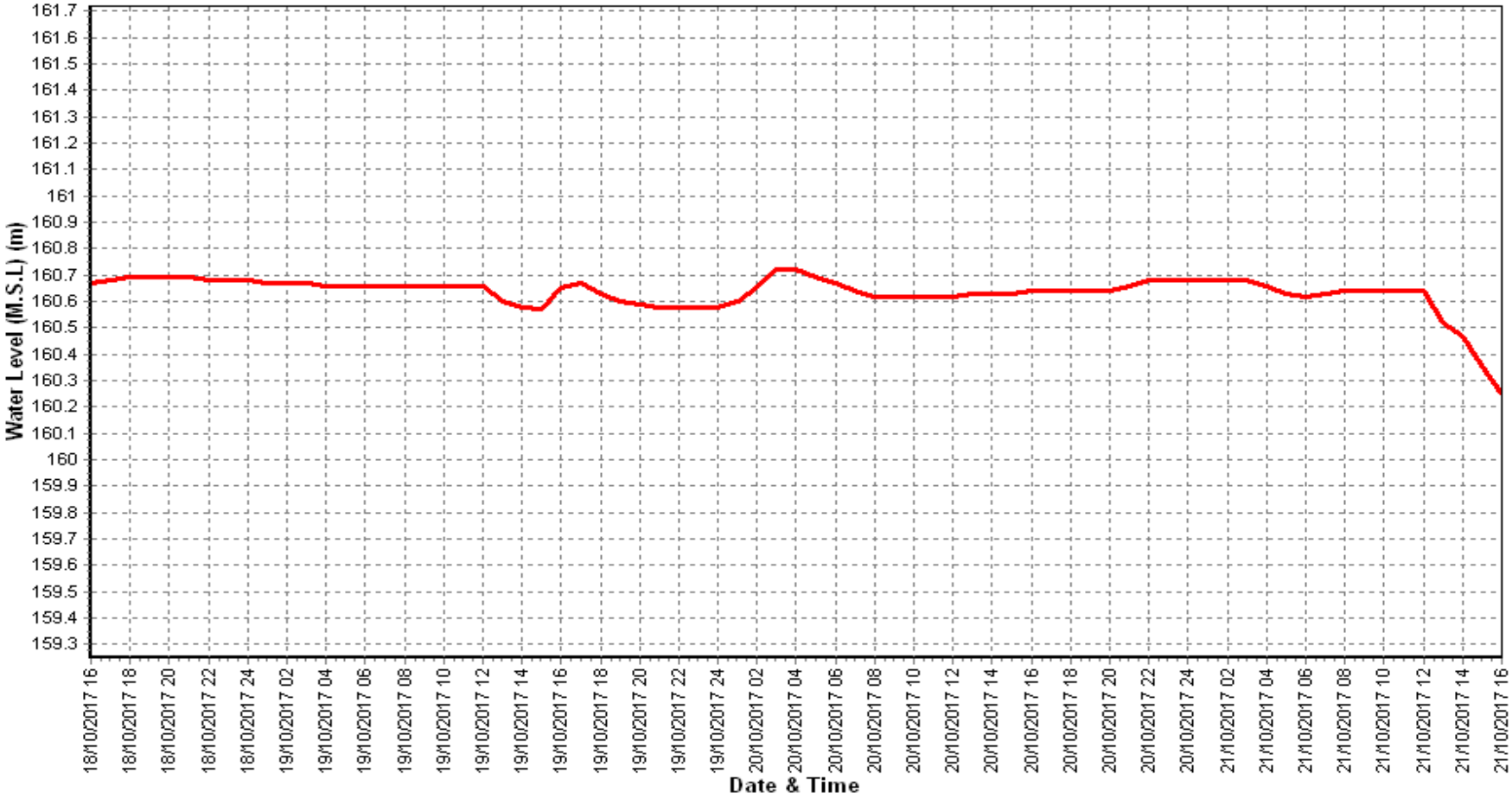
Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

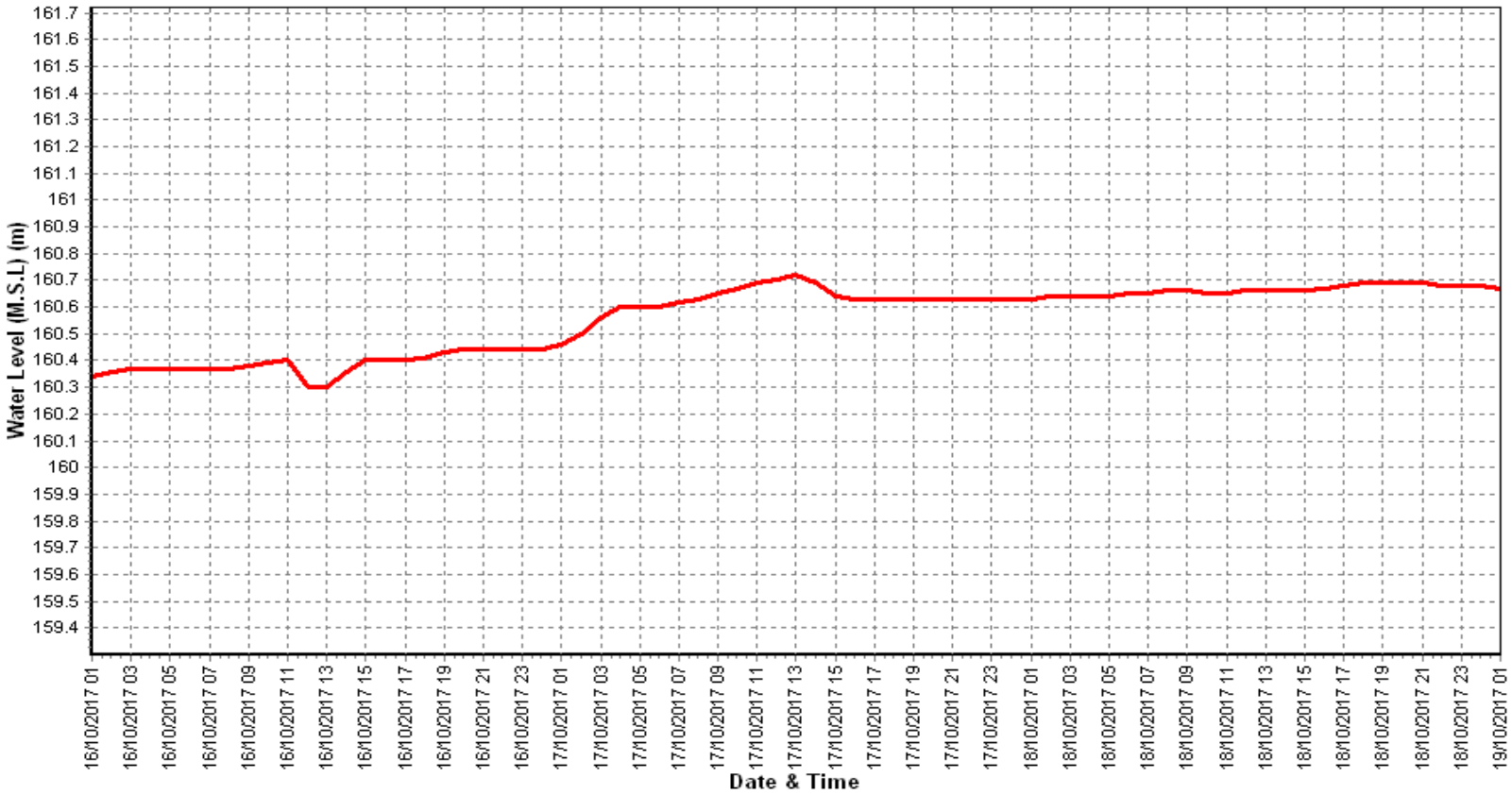


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

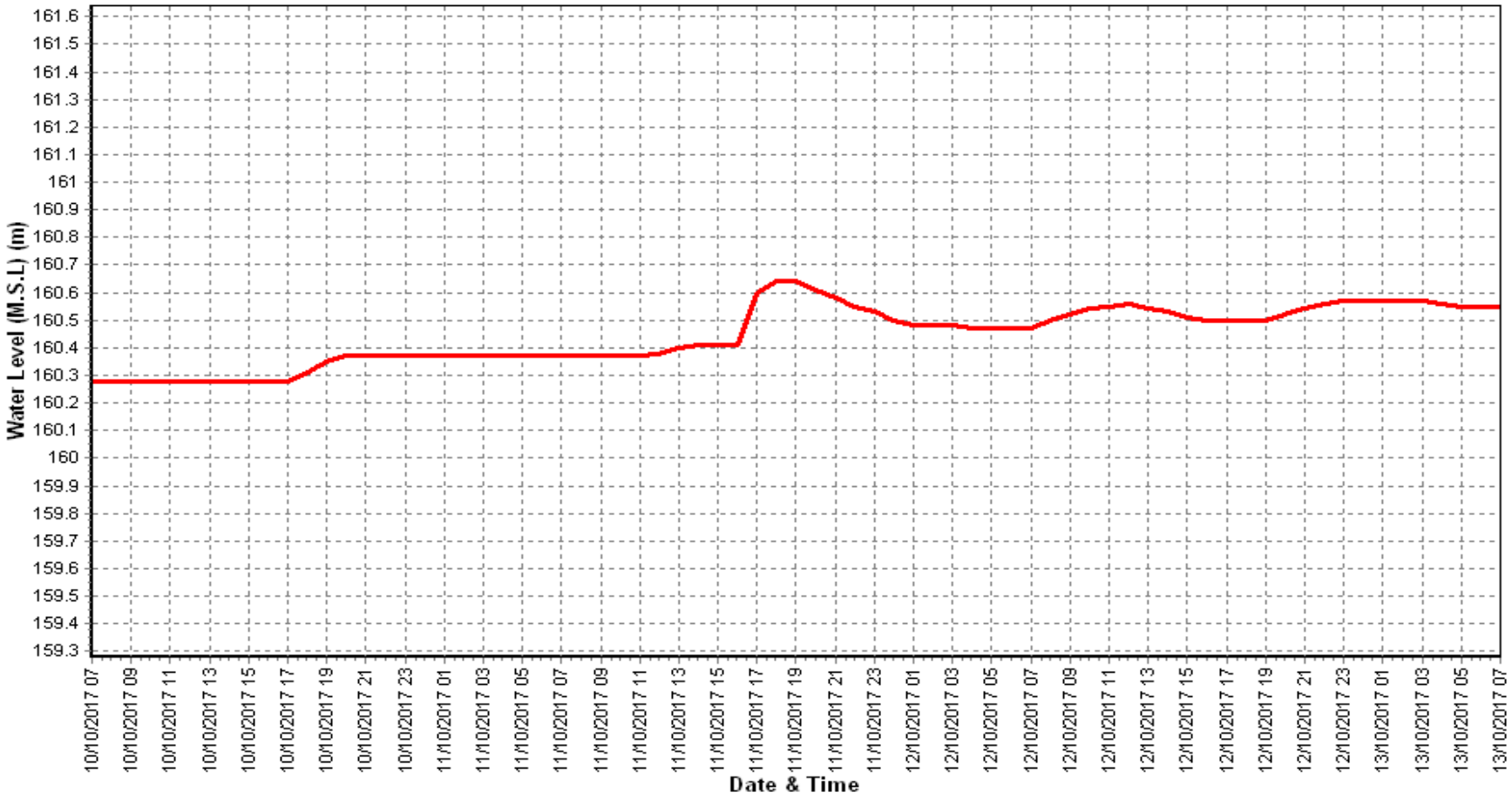


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**:**	**THEVUR**	**Code**	**:**	**CCH00C3**
State	:	Tamil Nadu	District		Salem
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Sarabenga	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Sarabenga
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	1248 Sq. Km.	Bank	:	Left
Latitude	:	11°31'38"	Longitude	:	77°45'03"
Zero of Gauge (m)	:	168.000 (m.s.l)	07-01-1998		
		Opening Date	Closing Date		
Gauge	:	07-01-1998			
Discharge	:	24-09-1999			
Sediment	:				
Water Quality	:	01-10-2001			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2000-2001	32.55	172.530	01-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	53.75	171.950	25-10-2001	0.000	Dry Bed	03-07-2001
2002-2003	0.000	Dry Bed	01-06-2002	0.000	Dry Bed	01-06-2002
2003-2004	0.000	Dry Bed	01-06-2003	0.000	Dry Bed	01-06-2003
2004-2005	1.757	171.340	05-11-2004	0.000	Dry Bed	01-06-2004
2005-2006	62.93	172.310	02-11-2005	0.000	Dry Bed	15-08-2005
2006-2007	4.864	171.280	01-11-2006	0.000	Dry Bed	01-06-2006
2007-2008	2.817	171.120	20-10-2007	0.000	Dry Bed	01-06-2007
2008-2009	40.32	172.460	29-11-2008	0.000	Dry Bed	01-06-2008
2009-2010	3.284	171.290	13-10-2009	0.000	Dry Bed	01-06-2009
2010-2011	167.8	173.200	27-10-2010	0.000	Dry Bed	01-06-2010
2011-2012	6.271	171.620	13-10-2011	0.000	170.140	01-08-2011
2012-2013	0.000	Dry Bed	01-06-2012	0.000	Dry Bed	01-06-2012
2013-2014	2.123	171.270	25-10-2013	0.000	Dry Bed	01-06-2013
2014-2015	3.065	171.410	11-12-2014	0.000	Dry Bed	01-06-2014
2015-2016	5.798	171.980	12-10-2015	0.000	170.720	01-06-2015
2016-2017	0.000		09-08-2016	0.000	Dry Bed	19-08-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : THEVUR (CCH00C3) **Division : SR Division, Coimbatore**

Local River : Sarabenga **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	WL	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31			0.000	0.000	0.000	0.000			0.000	0.000		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
II Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
III Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mean	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0

Annual Runoff in MCM = 0 Annual Runoff in mm = 0

Peak Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : THEVUR (CCH00C3) **Division : SR Division, Coimbatore**

Local River : Sarabenga **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000			0.000	0.000			0.000	0.000
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
II Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
III Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mean	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0

Q:Observed/Computed Discharge in cumecs

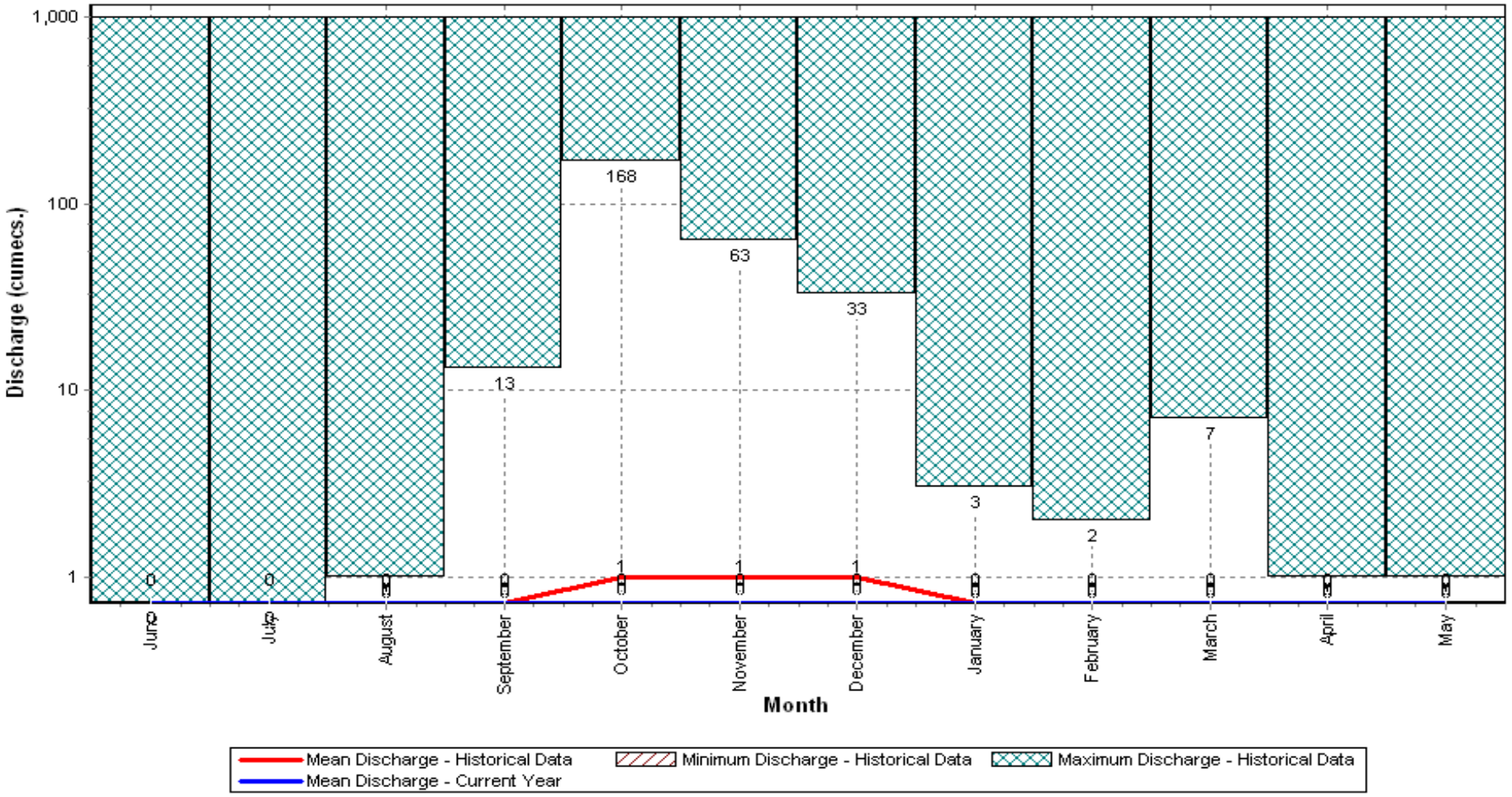
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : THEVUR (CCH00C3) | **Data considered : 2000-2018** | **Division : SR Division, Coimbatore**

Local River : Sarabenga | **Sub-Division : Middle Cauvery SD, Coimbatore**



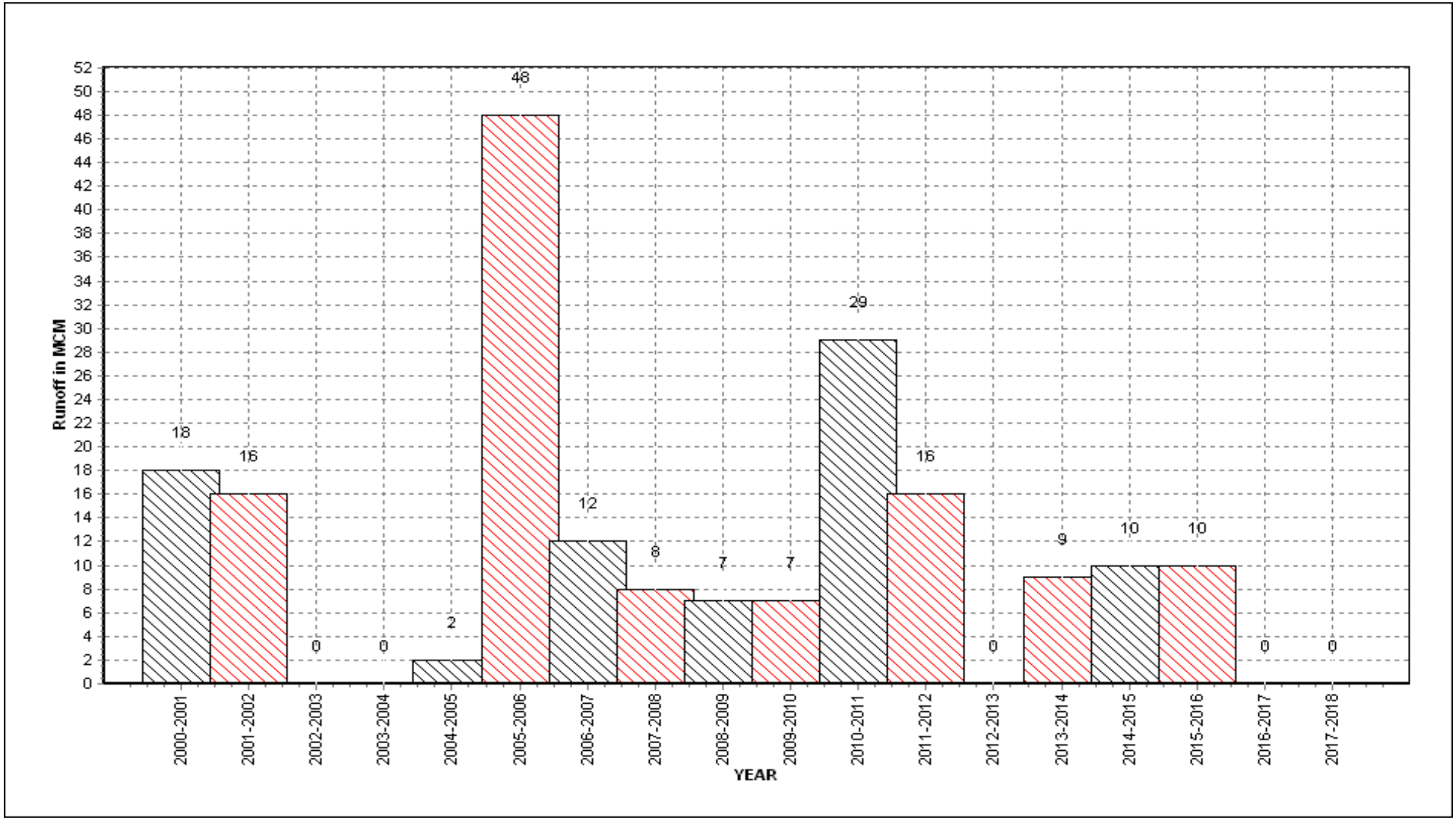
Annual Runoff Values for the period: 2000 - 2018

Station Name : THEVUR (CCH00C3)

Division : SR Division, Coimbatore

Local River : Sarabenga

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

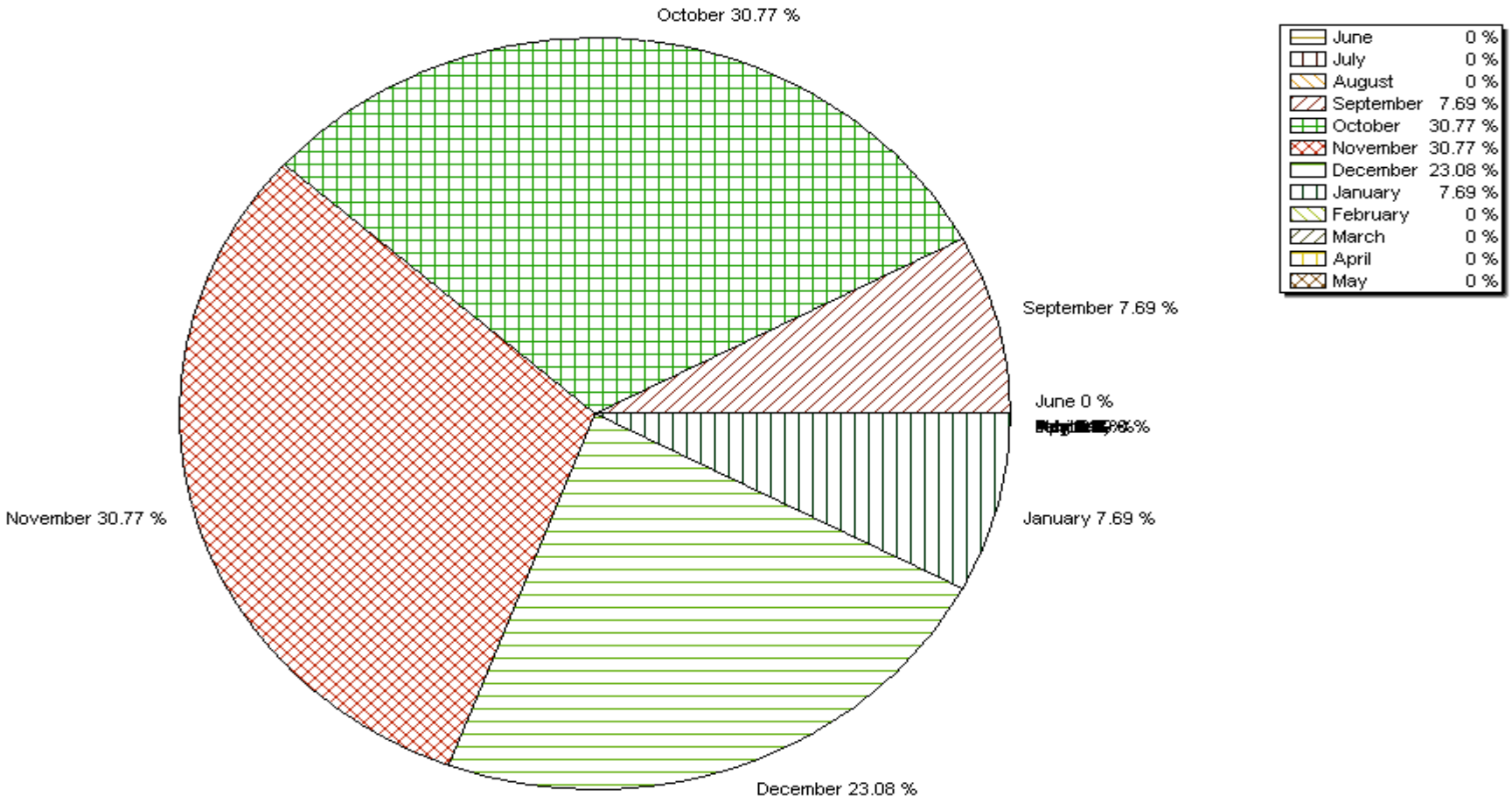
Monthly Average Runoff based on period : 2000-2017

Station Name : THEVUR (CCH00C3)

Local River : Sarabenga

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



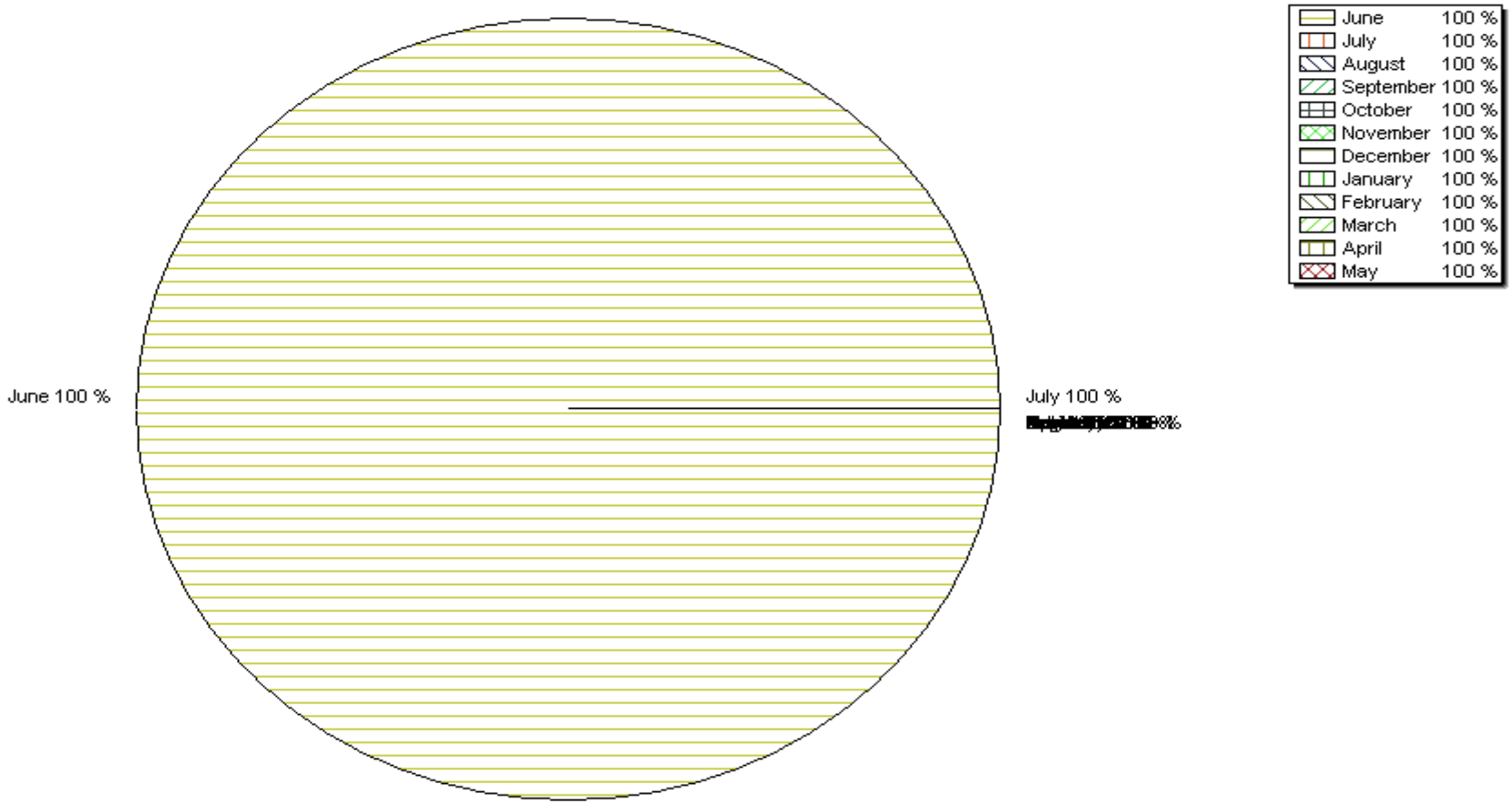
Monthly Runoff for the Year : 2017-2018

Station Name : THEVUR (CCH00C3)

Division : SR Division, Coimbatore

Local River : Sarabenga

Sub-Division : Middle Cauvery SD, Coimbatore



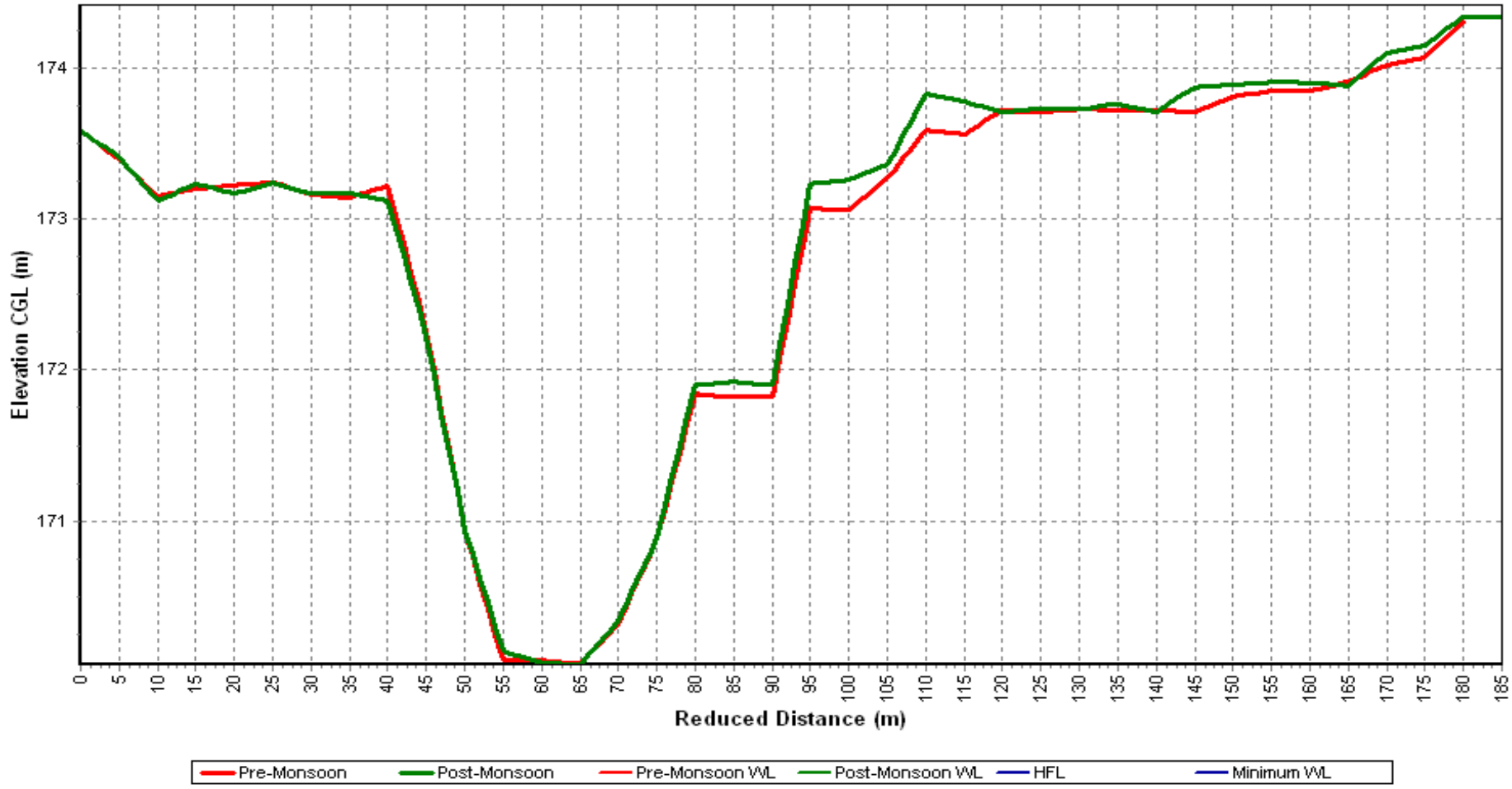
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : THEVUR (CCH00C3)

Local River : Sarabenga

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

Water Year : 2017-18

Site	**:**	**SEVANUR**	**Code**	**:**	**CCI00C4**
State	:	Tamil Nadu	District		Erode
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Chittar	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Chittar
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	258 Sq. Km.	Bank	:	Right
Latitude	:	11°33'07"	Longitude	:	77°43'55"
Zero of Gauge (m)	:	170.000 (m.s.l)	27-11-1997		
		Opening Date	Closing Date		
Gauge	:	27-11-1997			
Discharge	:	20-09-1999			
Sediment	:				
Water Quality	:	01-10-2001			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2000-2001	7.823	171.570	30-11-2000	0.000	Dry Bed	01-06-2000
2001-2002	10.33	171.520	26-10-2001	0.000	Dry Bed	01-06-2001
2002-2003	1.515	170.960	30-10-2002	0.000	Dry Bed	01-06-2002
2003-2004	3.652	171.190	01-04-2004	0.000	Dry Bed	01-06-2003
2004-2005	7.197	171.250	31-10-2004	0.000	Dry Bed	01-06-2004
2005-2006	41.04	172.170	25-10-2005	0.000	Dry Bed	21-06-2005
2006-2007	2.558	170.950	19-11-2006	0.000	Dry Bed	01-06-2006
2007-2008	5.007	171.190	19-12-2007	0.000	Dry Bed	01-06-2007
2008-2009	4.913	171.290	29-11-2008	0.000	Dry Bed	08-06-2008
2009-2010	58.40	172.380	13-10-2009	0.000	Dry Bed	11-06-2009
2010-2011	3.216	171.275	10-11-2010	0.000	Dry Bed	01-06-2010
2011-2012	2.548	171.170	31-12-2011	0.000	170.590	01-06-2011
2012-2013	0.178	170.710	16-10-2012	0.000	Dry Bed	01-06-2012
2013-2014	4.294	171.100	17-10-2013	0.000	Dry Bed	01-06-2013
2014-2015	15.03	171.600	27-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	22.97	171.600	05-11-2015	0.000	Dry Bed	01-06-2015
2016-2017	0.000	Dry Bed	24-11-2016	0.000	Dry Bed	21-06-2016

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : SEVANUR (CCI00C4) **Division : SR Division, Coimbatore**

Local River : Chittar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.989	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.989	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.989	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.989	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.790	0.989	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.580	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.570	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.580	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.580	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.540	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.550	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.540	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.540	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.510	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.500	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.500	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.500	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.510	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.510	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.500	0.000	0.000	0.000
31			0.000	0.000	0.000	0.000			170.500	0.000		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	102.760	0.099	0.000	0.000
II Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.533	0.000	0.000	0.000
III Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.508	0.000	0.000	0.000
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.989	0.000	0.000	0.000
Max.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.790	0.989	0.000	0.000
Mean	0.000	0	0.000	0	0.000	0	0.000	0	148.662	0.032	0.000	0

Annual Runoff in MCM = 0 Annual Runoff in mm = 0

Peak Observed Discharge = 0.989 cumecs on 05/10/2017 Corres. Water Level :170.79 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : SEVANUR (CCI00C4) **Division : SR Division, Coimbatore**

Local River : Chittar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	170.510	0.000	0.000	0.000	0.000	0.000
2	170.590	0.000	0.000	0.000	0.000	0.000	170.500	0.000	0.000	0.000	0.000	0.000
3	170.600	0.000	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000	0.000	0.000
4	170.540	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000
5	170.530	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000
6	170.520	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000
7	170.540	0.000	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000
8	170.550	0.000	0.000	0.000	170.540	0.000	170.540	0.000	0.000	0.000	0.000	0.000
9	170.530	0.000	0.000	0.000	170.560	0.000	170.530	0.000	0.000	0.000	170.520	0.000
10	170.520	0.000	0.000	0.000	170.550	0.000	170.530	0.000	0.000	0.000	170.520	0.000
11	0.000	0.000	0.000	0.000	170.540	0.000	170.540	0.000	0.000	0.000	170.530	0.000
12	0.000	0.000	0.000	0.000	170.530	0.000	170.530	0.000	0.000	0.000	170.530	0.000
13	170.520	0.000	0.000	0.000	170.540	0.000	170.520	0.000	0.000	0.000	170.530	0.000
14	170.520	0.000	0.000	0.000	170.530	0.000	170.510	0.000	0.000	0.000	170.530	0.000
15	170.520	0.000	0.000	0.000	170.520	0.000	170.500	0.000	0.000	0.000	170.510	0.000
16	170.520	0.000	0.000	0.000	170.530	0.000	170.510	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	170.530	0.000	170.520	0.000	170.520	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	170.500	0.000	170.530	0.000	170.510	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	170.490	0.000	170.510	0.000	170.500	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	170.520	0.000	170.520	0.000	170.490	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	170.500	0.000	170.530	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	170.520	0.000	0.000	0.000	0.000	0.000	170.530	0.000
23	0.000	0.000	0.000	0.000	170.510	0.000	0.000	0.000	0.000	0.000	170.550	0.000
24	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000	170.540	0.000
25	0.000	0.000	0.000	0.000	170.530	0.000	0.000	0.000	0.000	0.000	170.550	0.000
26	170.570	0.000	0.000	0.000	170.520	0.000	0.000	0.000	0.000	0.000	170.560	0.000
27	170.580	0.000	0.000	0.000	170.520	0.000	0.000	0.000	0.000	0.000	170.560	0.000
28	170.560	0.000	0.000	0.000	170.520	0.000	0.000	0.000	0.000	0.000	170.550	0.000
29	170.590	0.000	0.000	0.000			0.000	0.000	0.000	0.000	170.560	0.000
30	170.560	0.000	0.000	0.000			0.000	0.000	0.000	0.000	170.550	0.000
31	170.550	0.000	0.000	0.000			0.000	0.000			170.530	0.000
Ten-Daily Mean												
I Ten-Daily	153.492	0.000	0.000	0.000	51.165	0.000	170.525	0.000	0.000	0.000	34.104	0.000
II Ten-Daily	68.208	0.000	68.204	0.000	170.527	0.000	170.513	0.000	0.000	0.000	85.263	0.000
III Ten-Daily	93.037	0.000	15.500	0.000	170.523	0.000	0.000	0.000	0.000	0.000	155.044	0.000
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max.	170.600	0.000	170.530	0.000	170.560	0.000	170.540	0.000	0.000	0.000	170.560	0.000
Mean	104.529	0	27.501	0	127.896	0	110.012	0	0.000	0	93.521	0

Q:Observed/Computed Discharge in cumecs

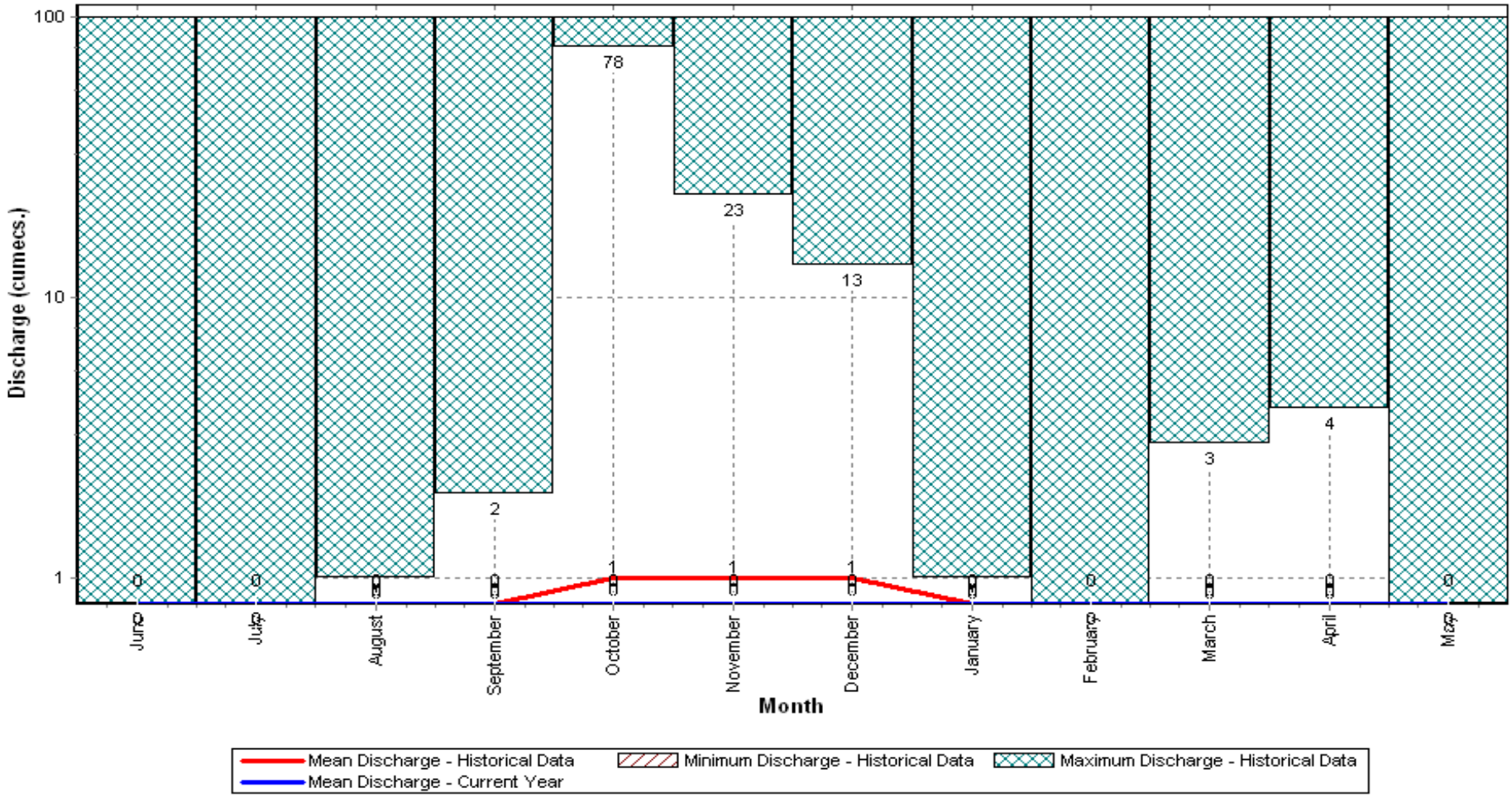
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : SEVANUR (CCI00C4) | **Data considered : 2000-2018** | **Division : SR Division, Coimbatore**

Local River : Chittar | **Sub-Division : Middle Cauvery SD, Coimbatore**



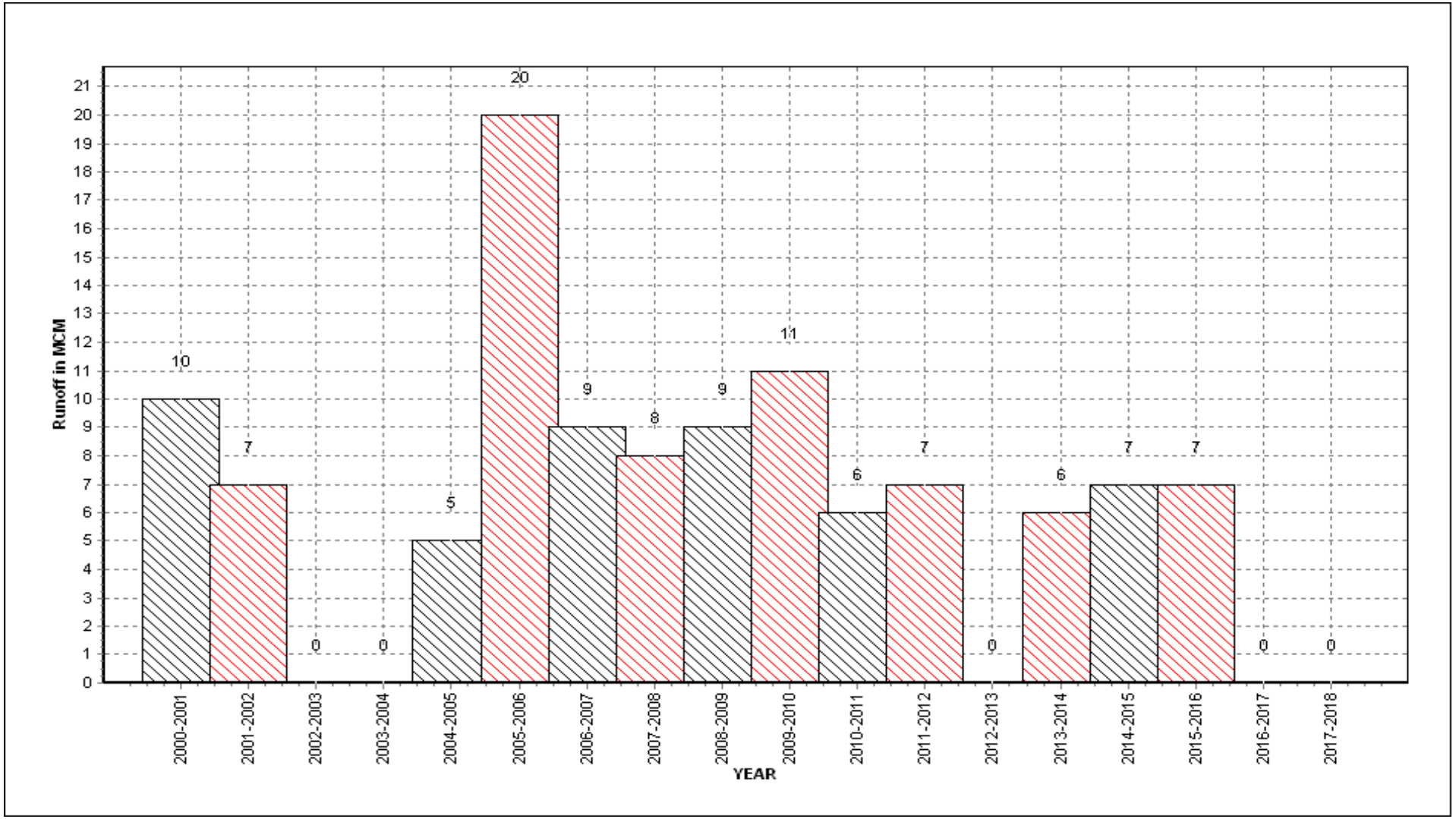
Annual Runoff Values for the period: 2000 - 2018

Station Name : SEVANUR (CCI00C4)

Division : SR Division, Coimbatore

Local River : Chittar

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

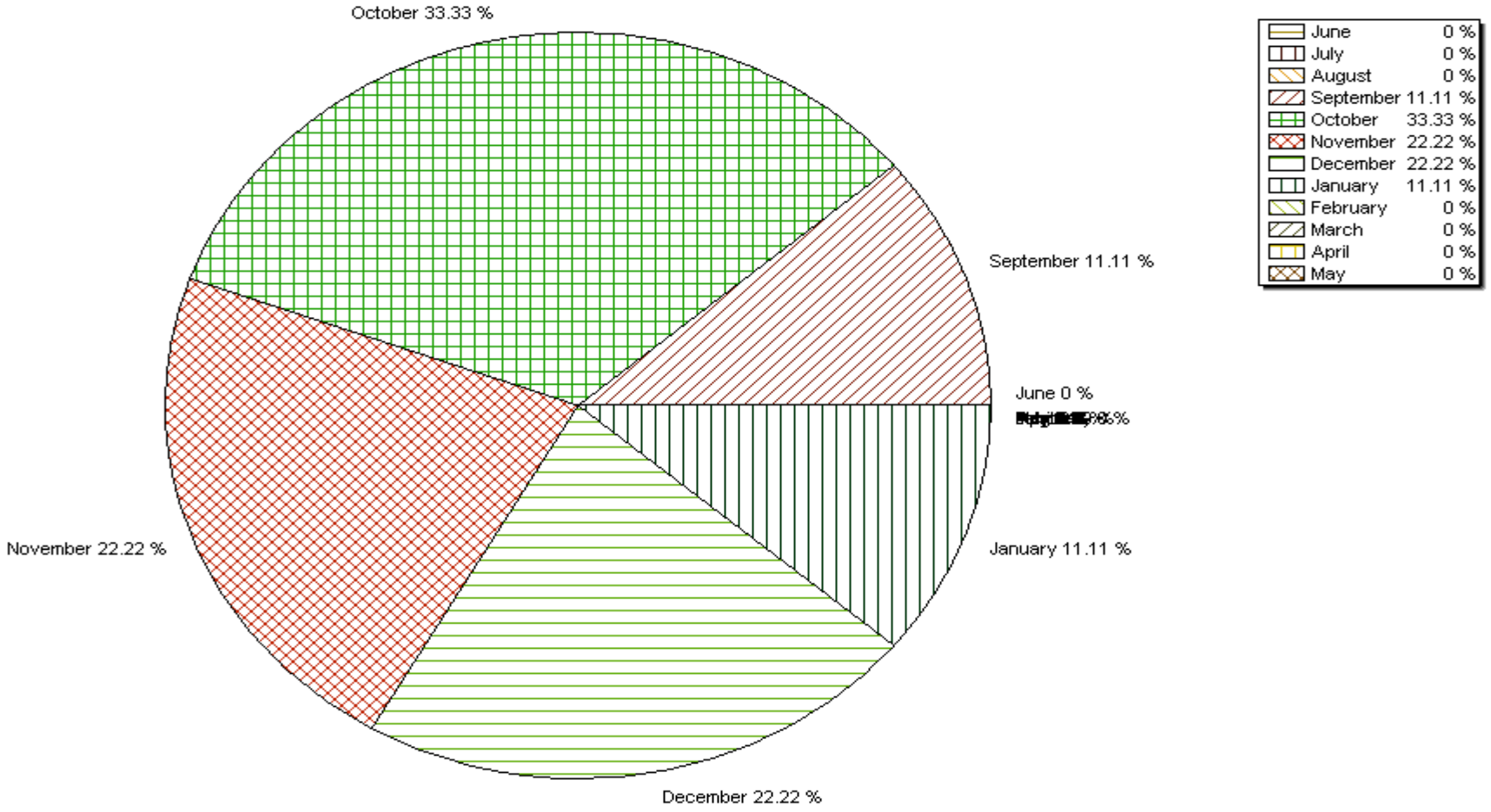
Monthly Average Runoff based on period : 2000-2017

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



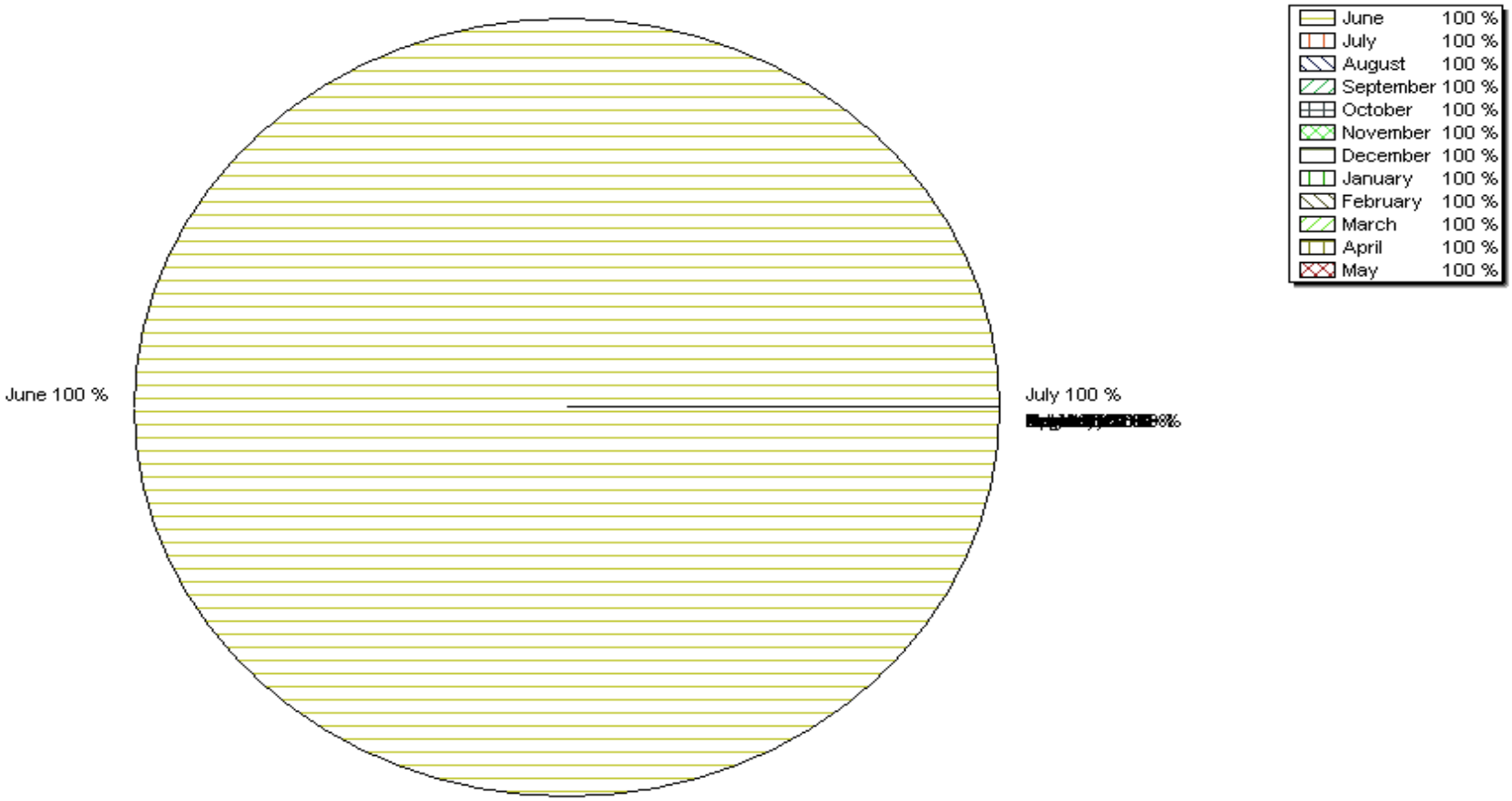
Monthly Runoff for the Year : 2017-2018

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



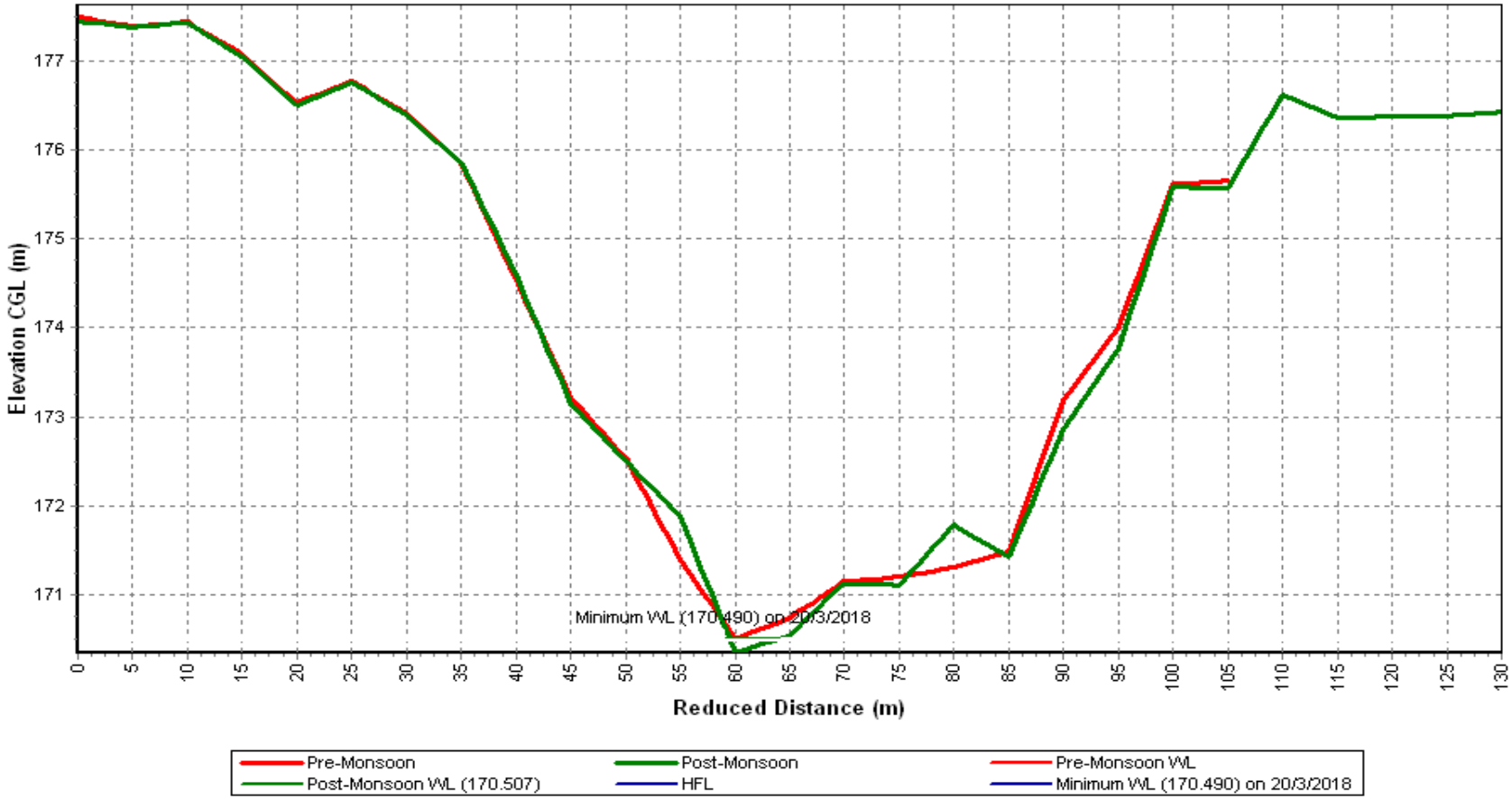
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

Water Year : 2017-18

Site	**:**	**THOPPUR**	**Code**	**:**	**CCJ00I2**
State	:	Tamil Nadu	District		Salem
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Thoppaiyar	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Thoppaiyar
Division	:	SR Division, Coimbatore	Sub-Division	:	Lower Cauvery SD, Trichi
Drainage Area	:	362 Sq. Km.	Bank	:	Left
Latitude	:	11°56'18"	Longitude	:	78°03'26"
Zero of Gauge (m)	:	320.000 (m.s.l)	08-01-1998		
		Opening Date	Closing Date		
Gauge	:	08-01-1998			
Discharge	:	21-10-1999			
Sediment	:				
Water Quality	:	01-11-2001			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2000-2001	16.69	324.235	01-12-2000	0.000	Dry Bed	01-06-2000
2001-2002	0.404	323.395	17-10-2001	0.000	Dry Bed	01-06-2001
2002-2003	0.000	323.165	07-11-2002	0.000	Dry Bed	01-06-2002
2003-2004	0.000	320.680	11-11-2003	0.000	Dry Bed	01-06-2003
2004-2005	0.000	323.620	07-06-2004	0.000	Dry Bed	22-06-2004
2005-2006	60.87	325.810	24-11-2005	0.000	Dry Bed	01-06-2005
2006-2007	0.177	323.250	09-10-2006	0.000	Dry Bed	13-07-2006
2007-2008	0.388	323.280	25-10-2007	0.000	Dry Bed	01-06-2007
2008-2009	0.105	323.300	29-11-2008	0.000	Dry Bed	09-07-2008
2009-2010	0.000	323.125	01-06-2009	0.000	Dry Bed	29-06-2009
2010-2011	2.647	323.840	08-12-2010	0.000	Dry Bed	01-06-2010
2011-2012	0.845	323.440	05-11-2011	0.000	323.115	05-08-2011
2012-2013	0.000	322.900	01-06-2012	0.000	322.900	01-06-2012
2013-2014	0.000	Dry Bed	01-06-2013	0.000	Dry Bed	01-06-2013
2014-2015	0.000	Dry Bed	01-06-2014	0.000	Dry Bed	01-06-2014
2015-2016	3.981	324.065	08-12-2015	0.000	Dry Bed	01-06-2015
2016-2017	0.000	322.905	23-09-2016	0.000	Dry Bed	21-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000	323.700	1.098		0.000	323.360	0.000	323.305	0.000
2		0.000		0.000	322.790	0.000		0.000	323.330	0.000	323.310	0.000
3		0.000		0.000	322.910	0.000		0.000	323.320	0.000	323.315	0.000
4		0.000		0.000		0.000		0.000	323.390	0.000	323.310	0.000
5		0.000		0.000		0.000		0.000	323.410	0.000	323.310	0.000
6		0.000		0.000		0.000	323.470	1.028	323.385	0.000	323.320	0.000
7		0.000		0.000		0.000	323.340	0.000	323.370	0.000	323.310	0.000
8		0.000		0.000		0.000	323.110	0.000	323.350	0.000	323.300	0.000
9		0.000		0.000		0.000	323.000	0.000	323.430	0.000	323.300	0.000
10		0.000		0.000		0.000	323.000	0.000	323.360	0.000	323.295	0.000
11		0.000		0.000		0.000	323.290	0.000	323.390	0.000	323.290	0.000
12		0.000		0.000		0.000	323.310	0.000	323.365	0.000	323.290	0.000
13		0.000		0.000		0.000	323.300	0.000	323.345	0.000	323.290	0.000
14		0.000		0.000		0.000	323.325	0.000	323.340	0.000	323.305	0.000
15		0.000		0.000		0.000	323.300	0.000	323.360	0.000	323.315	0.000
16		0.000		0.000		0.000	323.290	0.000	323.350	0.000	323.310	0.000
17		0.000		0.000		0.000	323.305	0.000	323.345	0.000	323.305	0.000
18		0.000		0.000		0.000	323.300	0.000	323.350	0.000	323.265	0.000
19		0.000		0.000		0.000	323.295	0.000	323.345	0.000	323.260	0.000
20		0.000		0.000		0.000	323.290	0.000	323.340	0.000	323.255	0.000
21		0.000		0.000		0.000	323.285	0.000	323.330	0.000	323.245	0.000
22		0.000		0.000	322.930	0.000	323.280	0.000	323.330	0.000	323.240	0.000
23		0.000		0.000	322.915	0.000	323.280	0.000	323.335	0.000	323.235	0.000
24		0.000		0.000	322.890	0.000	323.275	0.000	323.330	0.000	323.230	0.000
25		0.000		0.000		0.000	323.365	0.000	323.320	0.000	323.215	0.000
26		0.000		0.000		0.000	323.325	0.000	323.315	0.000	323.205	0.000
27		0.000		0.000		0.000	323.350	0.000	323.310	0.000	323.200	0.000
28		0.000		0.000		0.000	323.370	0.000	323.305	0.000	323.205	0.000
29		0.000		0.000		0.000	323.360	0.000	323.300	0.000	323.190	0.000
30		0.000		0.000		0.000	323.335	0.000	323.300	0.000	323.205	0.000
31				0.000		0.000			323.300	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	323.133	0.110	323.184	0.103	323.371	0.000	323.308	0.000
II Ten-Daily		0.000		0.000		0.000	323.300	0.000	323.353	0.000	323.289	0.000
III Ten-Daily		0.000		0.000	322.912	0.000	323.323	0.000	323.316	0.000	323.217	0.000
Monthly												
Min.		0.000		0.000	322.790	0.000	323.000	0.000	323.300	0.000	323.190	0.000
Max.		0.000		0.000	323.700	1.098	323.470	1.028	323.430	0.000	323.320	0.000
Mean		0		0	323.022	0.035	323.286	0.034	323.345	0	323.271	0

Annual Runoff in MCM = 0 Annual Runoff in mm = 1

Peak Observed Discharge = 1.098 cumecs on 01/08/2017 Corres. Water Level :323.7 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	323.220	0.000		0.000		0.000		0.000		0.000		0.000
2	323.245	0.000		0.000		0.000		0.000		0.000		0.000
3	323.250	0.000		0.000		0.000		0.000		0.000		0.000
4	323.240	0.000		0.000		0.000		0.000		0.000		0.000
5	323.240	0.000		0.000		0.000		0.000		0.000		0.000
6	323.235	0.000		0.000		0.000		0.000		0.000		0.000
7	323.230	0.000		0.000		0.000		0.000		0.000		0.000
8	323.200	0.000		0.000		0.000		0.000		0.000		0.000
9	323.130	0.000		0.000		0.000		0.000		0.000		0.000
10		0.000		0.000		0.000		0.000		0.000		0.000
11		0.000		0.000		0.000		0.000		0.000		0.000
12		0.000		0.000		0.000		0.000		0.000		0.000
13		0.000		0.000		0.000		0.000		0.000		0.000
14		0.000		0.000		0.000		0.000		0.000		0.000
15		0.000		0.000		0.000		0.000		0.000		0.000
16		0.000		0.000		0.000		0.000		0.000		0.000
17		0.000		0.000		0.000		0.000		0.000		0.000
18		0.000		0.000		0.000		0.000		0.000		0.000
19		0.000		0.000		0.000		0.000		0.000		0.000
20		0.000		0.000		0.000		0.000		0.000		0.000
21		0.000		0.000		0.000		0.000		0.000		0.000
22		0.000		0.000		0.000		0.000		0.000		0.000
23		0.000		0.000		0.000		0.000		0.000		0.000
24		0.000		0.000		0.000		0.000		0.000		0.000
25		0.000		0.000		0.000		0.000		0.000		0.000
26		0.000		0.000		0.000		0.000		0.000		0.000
27		0.000		0.000		0.000		0.000		0.000		0.000
28		0.000		0.000		0.000		0.000		0.000		0.000
29		0.000		0.000				0.000		0.000		0.000
30		0.000		0.000				0.000		0.000		0.000
31		0.000		0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	323.221	0.000		0.000		0.000		0.000		0.000		0.000
II Ten-Daily		0.000		0.000		0.000		0.000		0.000		0.000
III Ten-Daily		0.000		0.000		0.000		0.000		0.000		0.000
Monthly												
Min.	323.130	0.000		0.000		0.000		0.000		0.000		0.000
Max.	323.250	0.000		0.000		0.000		0.000		0.000		0.000
Mean	323.221	0		0		0		0		0		0

Q:Observed/Computed Discharge in cumecs

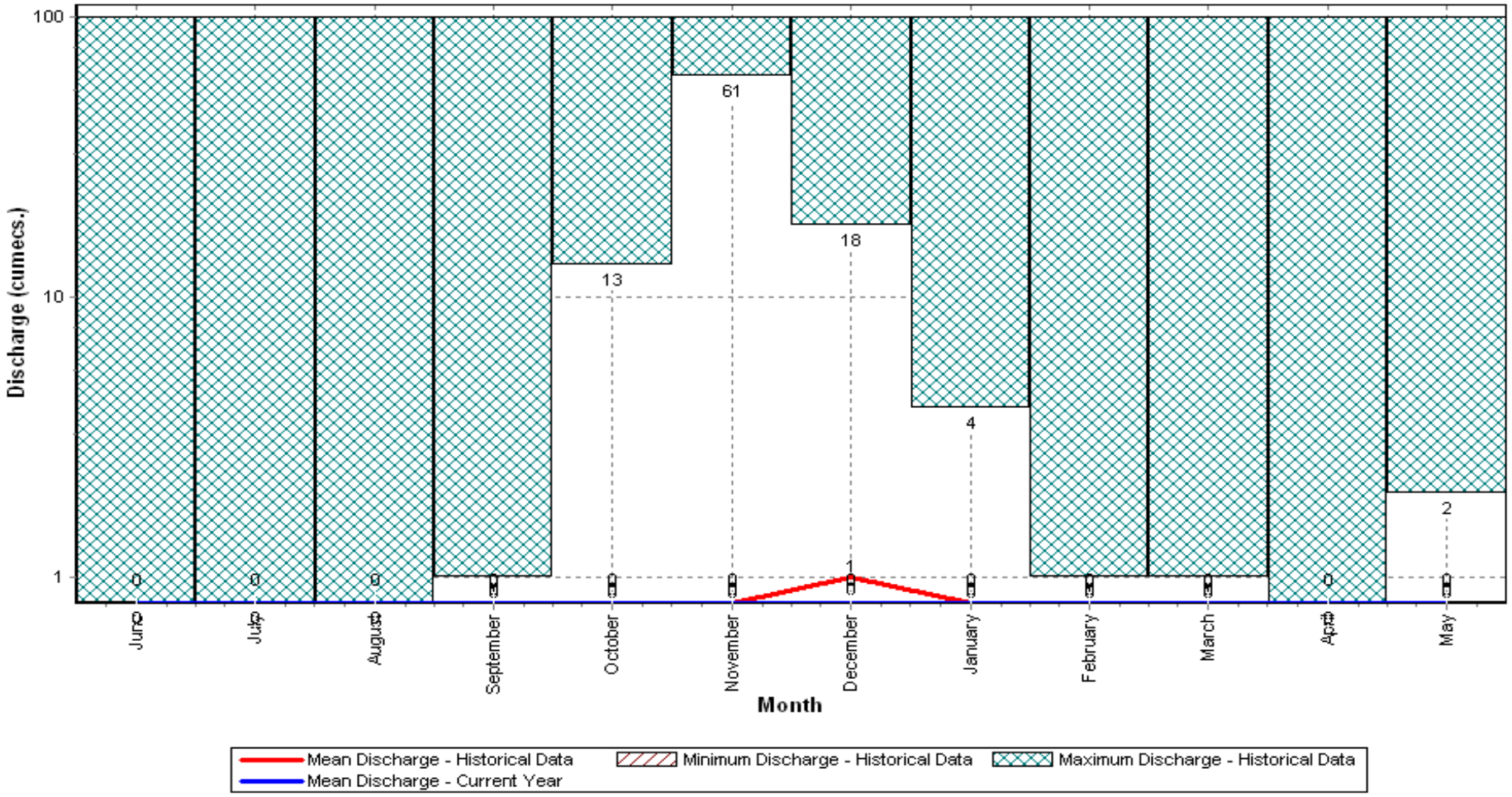
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Thoppur (CCJ00I2) | **Data considered : 2000-2018** | **Division : SR Division, Coimbatore**

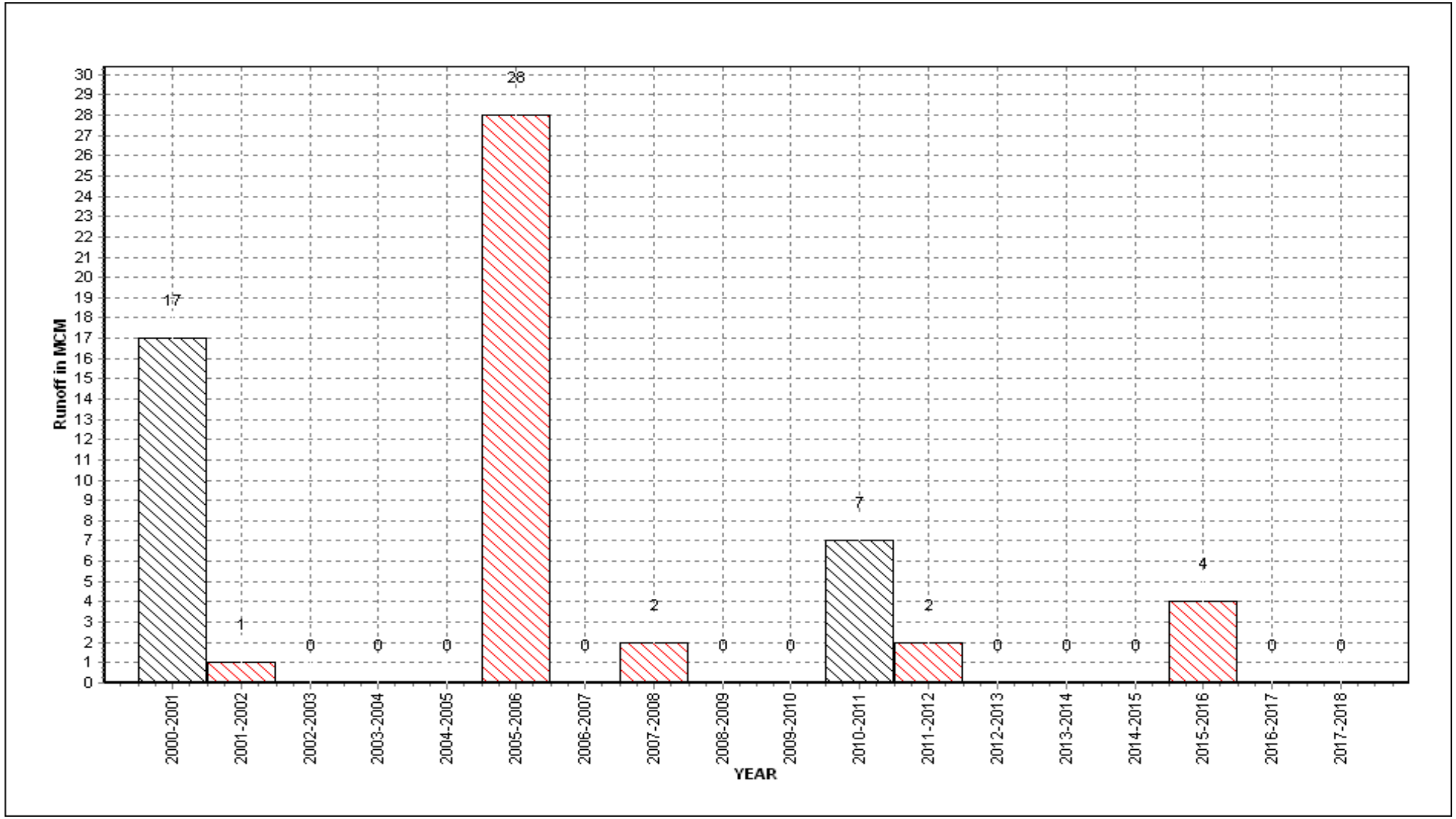
Local River : Thoppaiyar | **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 2000 - 2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Note: Missing values have not been considered while arriving at Annual Runoff

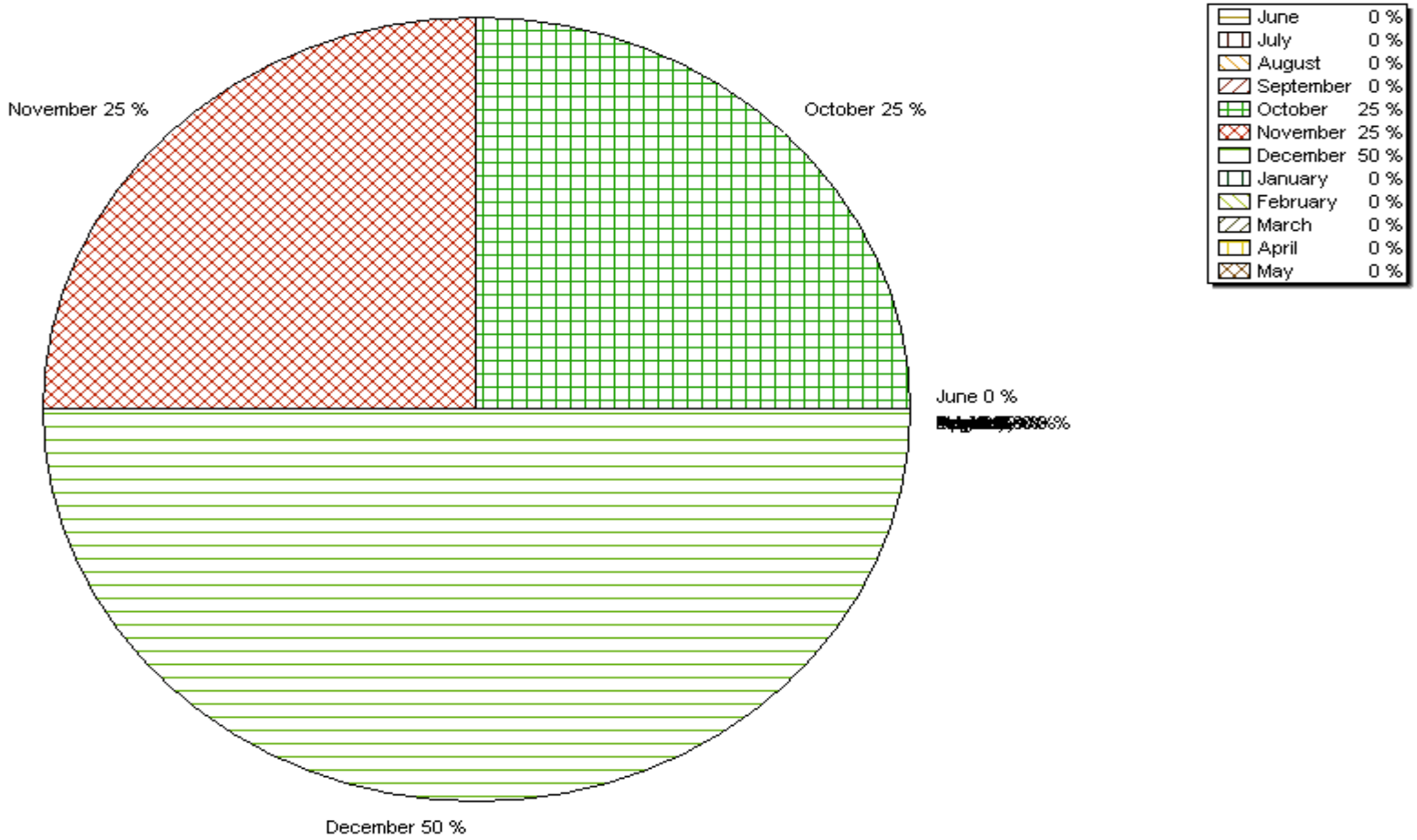
Monthly Average Runoff based on period : 2000-2017

Station Name : Thoppur (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



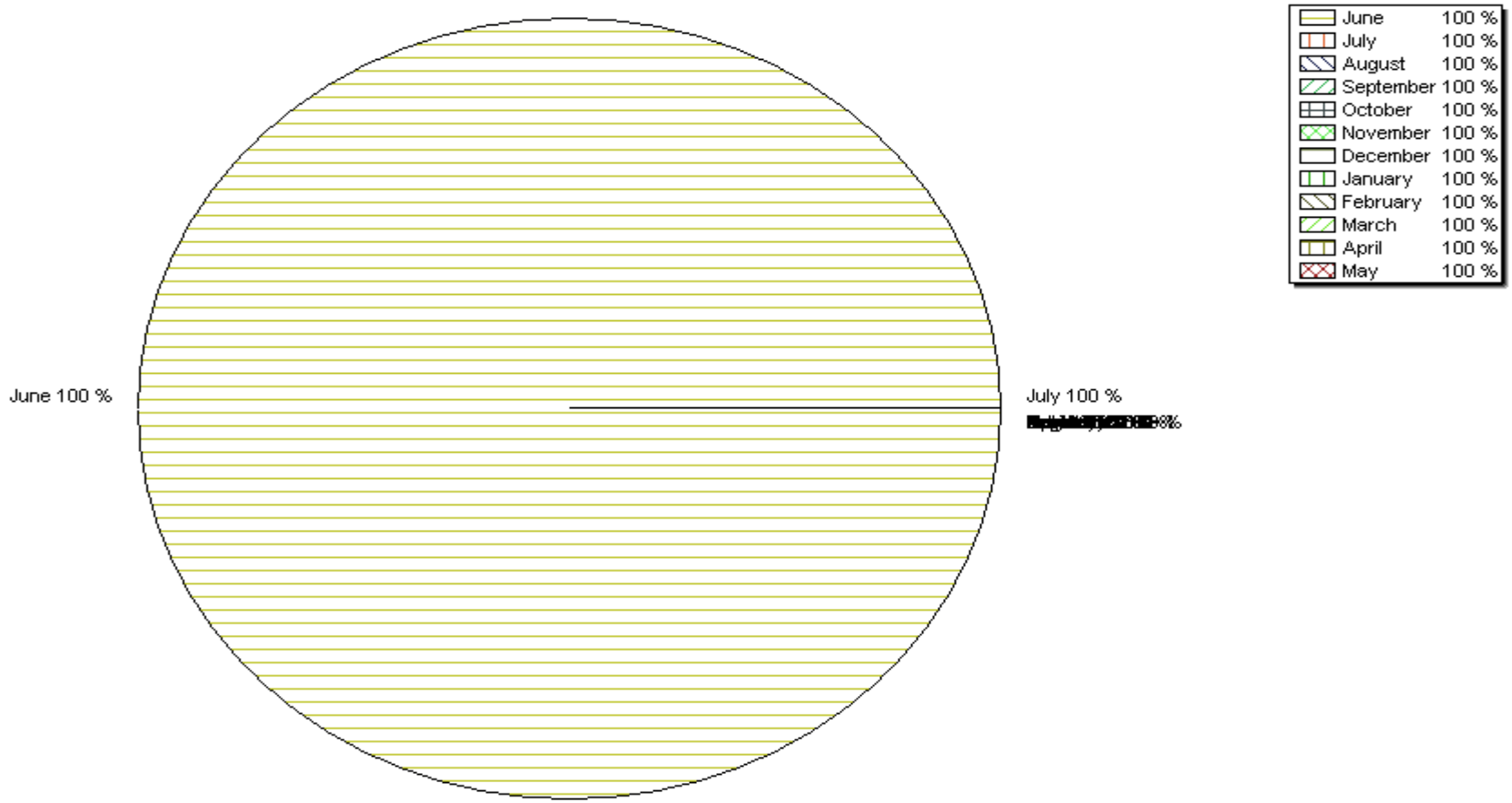
Monthly Runoff for the Year : 2017-2018

Station Name : Thoppur (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

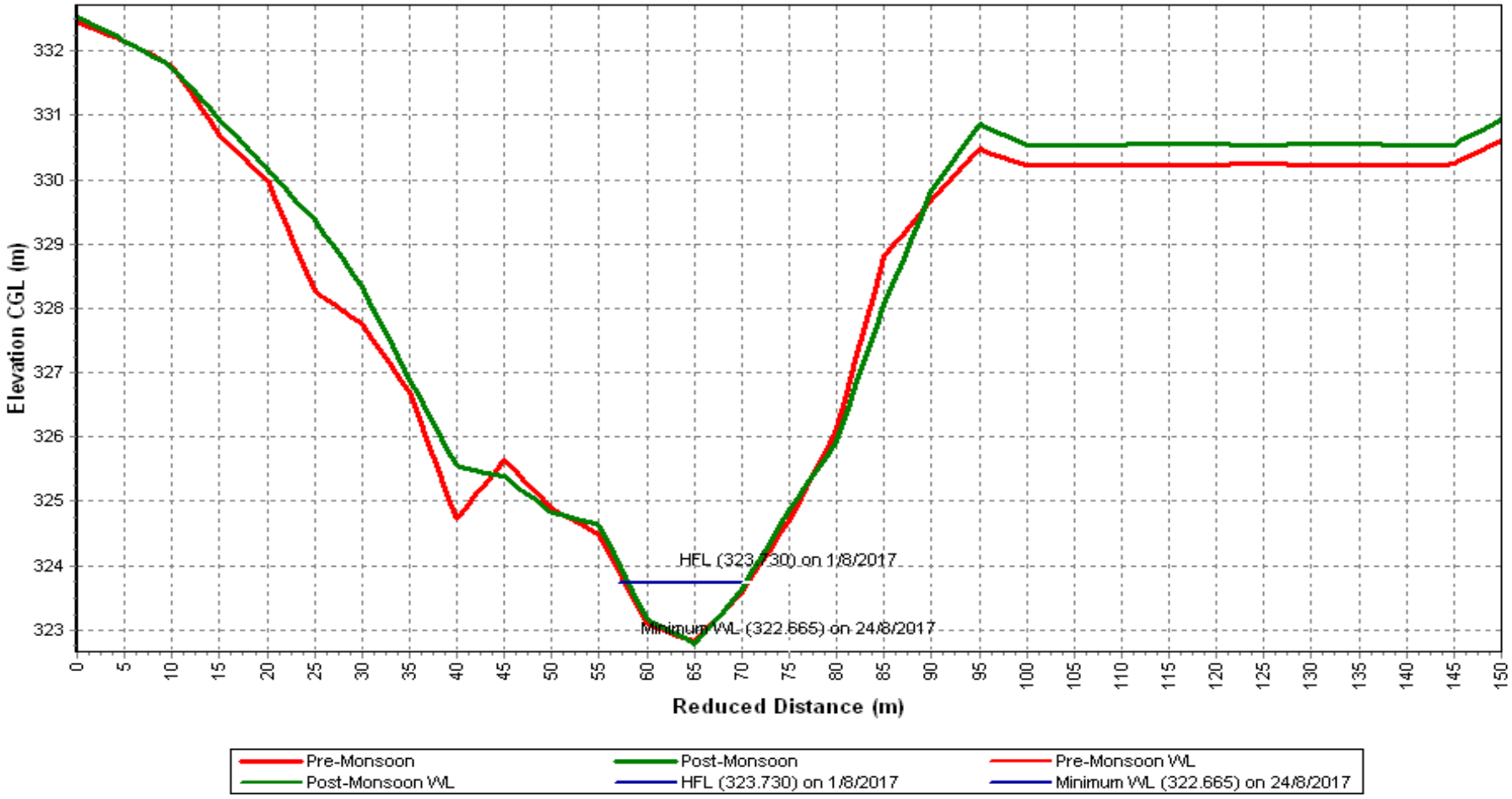
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

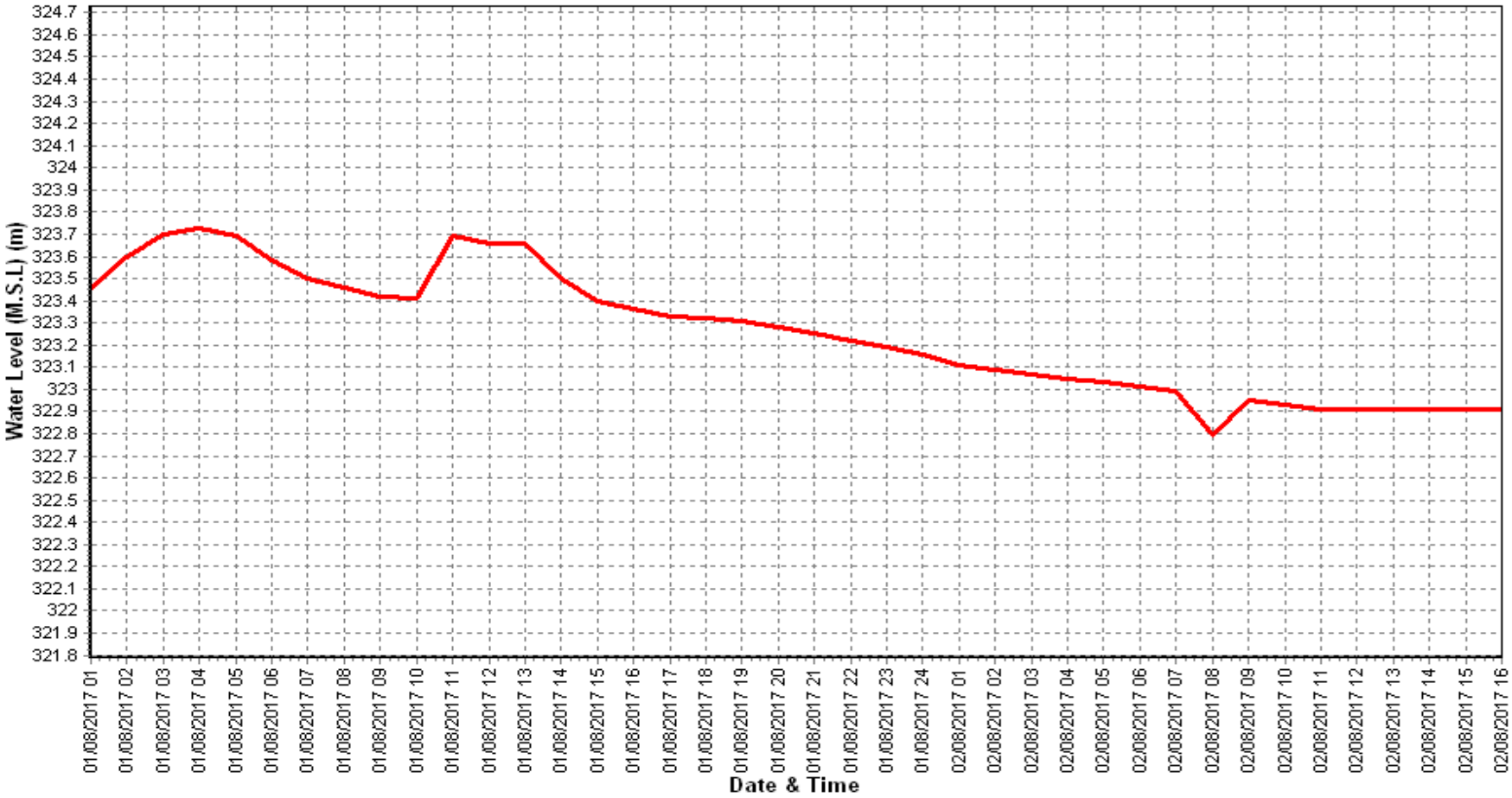
Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**

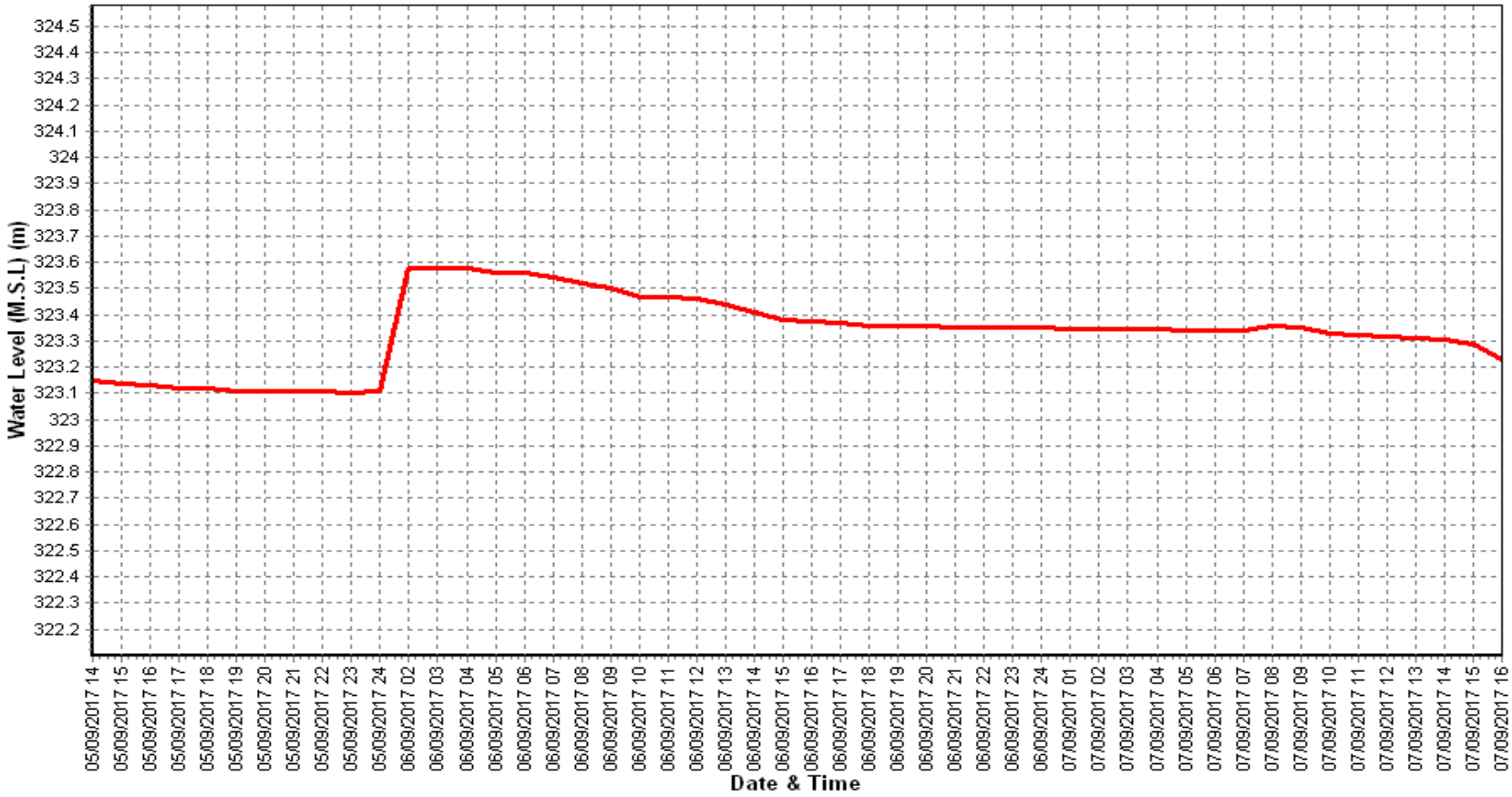


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**

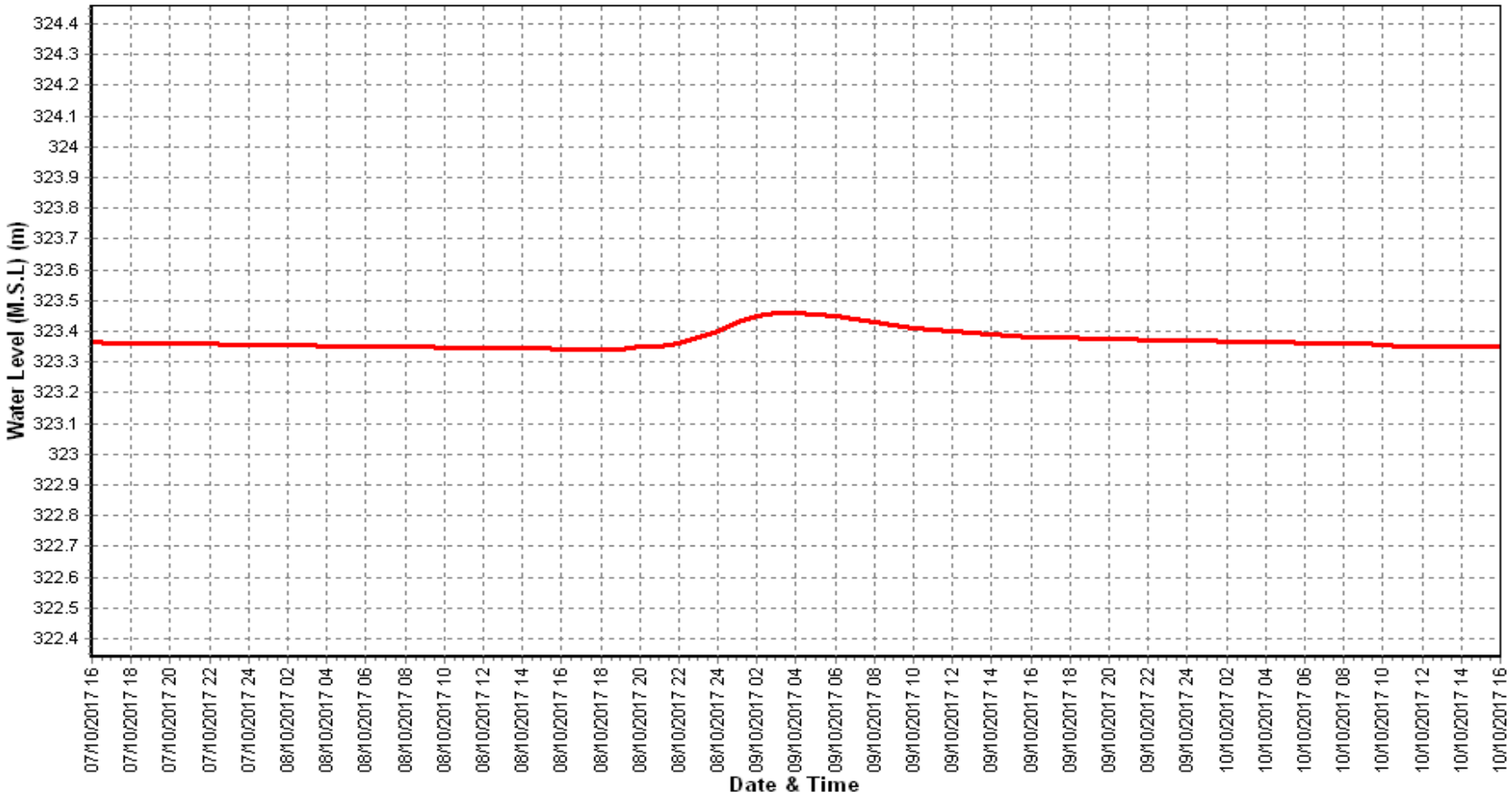


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Thoppur (CCJ00I2) **Division : SR Division, Coimbatore**

Local River : Thoppaiyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**KUDLUR**	**Code**	:	**CCK00L9**
State	:	Karnataka	District		Chamarajanagara
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Palar	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Palar
Division	:	SR Division, Coimbatore	Sub-Division	:	Middle Cauvery SD, Coimbatore
Drainage Area	:	709 Sq. Km.	Bank	:	Right
Latitude	:	11°50'26"	Longitude	:	77°27'46"
Zero of Gauge (m)	:	433.000 (m.s.l)	09-01-1998		
		Opening Date	Closing Date		
Gauge	:	09-01-1998			
Discharge	:	06-03-1999			
Sediment	:	01-03-2013			
Water Quality	:	02-02-2001			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1999-2000	62.04	436.255	05-02-2000	0.000	434.975	01-06-1999
2000-2001	50.56	438.555	19-04-2001	0.000	435.095	01-09-2000
2001-2002	9.674	435.705	16-09-2001	0.000	434.595	05-06-2001
2002-2003	2.585	435.585	21-03-2003	0.000	434.855	01-06-2002
2003-2004	1.960	434.445	20-10-2003	0.000	Dry Bed	25-06-2003
2004-2005	2.749	435.560	14-11-2004	0.000	Dry Bed	21-06-2004
2005-2006	77.64	437.140	02-11-2005	0.000	Dry Bed	09-07-2005
2006-2007	46.18	437.200	20-11-2006	0.000	Dry Bed	13-07-2006
2007-2008	4.816	435.720	11-02-2008	0.000	435.200	02-06-2007
2008-2009	30.52	436.700	26-08-2008	0.000	435.180	09-06-2008
2009-2010	14.99	436.305	21-08-2009	0.000	435.200	10-06-2009
2010-2011	137.7	436.760	06-11-2010	0.000	435.120	09-06-2010
2011-2012	23.00	436.210	07-11-2011	0.000	435.255	15-02-2012
2012-2013	21.56	436.070	13-10-2012	0.000	435.230	01-06-2012
2013-2014	16.77	435.940	07-09-2013	0.000	Dry Bed	01-06-2013
2014-2015	70.55	436.850	28-09-2014	0.000	Dry Bed	01-06-2014
2015-2016	21.29	436.000	18-08-2015	0.000	435.240	24-08-2015
2016-2017	4.526	435.580	02-06-2016	0.000	Dry Bed	02-01-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	435.230	0.000	435.360	2.780
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	435.200	0.000	435.400	3.767
3	0.000	0.000	0.000	0.000	0.000	0.000	435.400	2.117 *	435.150	0.000	435.400	3.704
4	0.000	0.000	0.000	0.000	0.000	0.000	435.420	3.448 #	435.490	3.638	435.400	3.805 *
5	0.000	0.000	0.000	0.000	0.000	0.000	435.500	3.986	435.350	1.673 #	435.350	3.003 *
6	0.000	0.000	0.000	0.000	0.000	0.000	435.890	13.62 *	435.450	3.189	435.500	4.679
7	0.000	0.000	0.000	0.000	0.000	0.000	435.310	1.143	435.470	3.685	435.430	4.495
8	0.000	0.000	0.000	0.000	0.000	0.000	435.390	1.694	435.350	2.477 *	435.620	7.419
9	0.000	0.000	0.000	0.000	0.000	0.000	435.300	0.979	435.500	4.958	435.380	3.651
10	0.000	0.000	0.000	0.000	0.000	0.000	435.400	2.117 *	435.330	2.170	435.330	2.790
11	0.000	0.000	0.000	0.000	0.000	0.000	436.350	43.28 *	436.200	34.25 *	435.330	2.641
12	0.000	0.000	0.000	0.000	0.000	0.000	435.550	4.082 #	435.650	8.035	435.300	2.309 *
13	0.000	0.000	0.000	0.000	0.000	0.000	435.240	1.479	435.700	14.28	435.290	2.149
14	0.000	0.000	0.000	0.000	0.000	0.000	435.160	0.906	435.670	10.28	435.490	5.783
15	0.000	0.000	0.000	0.000	0.000	0.000	435.440	4.160	435.690	10.79 *	435.340	3.007
16	0.000	0.000	0.000	0.000	0.000	0.000	435.200	0.963	435.530	6.716	435.310	2.543
17	0.000	0.000	0.000	0.000	435.200	0.000	435.550	5.501 *	435.500	7.314	435.300	2.643
18	0.000	0.000	0.000	0.000	435.160	0.000	435.780	12.67	435.440	4.527 *	435.270	1.980
19	0.000	0.000	0.000	0.000	435.150	0.000	435.280	1.811	435.600	11.40 #	435.250	1.719 *
20	0.000	0.000	0.000	0.000	0.000	0.000	435.180	1.173	435.450	5.626	435.260	1.794
21	0.000	0.000	0.000	0.000	435.190	0.000	435.150	0.693	435.430	5.448	435.260	1.801
22	0.000	0.000	0.000	0.000	435.130	0.000	435.140	0.000	435.430	4.339 *	435.240	1.561
23	0.000	0.000	0.000	0.000	0.000	0.000	435.120	0.000	435.400	3.020	435.230	1.525
24	0.000	0.000	0.000	0.000	0.000	0.000	435.120	0.000	435.390	3.407	435.200	1.301
25	0.000	0.000	0.000	0.000	0.000	0.000	435.120	0.000	435.370	3.099	435.200	1.249
26	0.000	0.000	0.000	0.000	0.000	0.000	435.300	1.512	435.380	3.537	435.200	1.227 *
27	0.000	0.000	0.000	0.000	0.000	0.000	435.500	4.615	435.380	3.623	435.220	1.404
28	0.000	0.000	0.000	0.000	0.000	0.000	435.450	3.929	435.500	4.715	435.210	1.287
29	0.000	0.000	0.000	0.000	0.000	0.000	435.430	4.058	435.380	3.471 *	435.200	1.185
30	0.000	0.000	0.000	0.000	0.000	0.000	435.280	1.738 *	435.350	2.890	435.210	1.305
31			0.000	0.000	0.000	0.000			435.380	3.427		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	348.361	2.910	435.352	2.179	435.417	4.009
II Ten-Daily	0.000	0.000	0.000	0.000	130.551	0.000	435.473	7.602	435.643	11.32	435.314	2.657
III Ten-Daily	0.000	0.000	0.000	0.000	79.120	0.000	435.261	1.655	435.399	3.725	435.217	1.385
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	435.150	0.000	435.200	1.185
Max.	0.000	0.000	0.000	0.000	435.200	0.000	436.350	43.28	436.200	34.25	435.620	7.419
Mean	0.000	0.000	0.000	0.000	70.188	0.000	406.365	4.056	435.463	5.677	435.316	2.684

Annual Runoff in MCM = 39 Annual Runoff in mm = 55

Peak Observed Discharge = 15.82 cumecs on 02/12/2017 Corres. Water Level :435.8 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	435.260	1.907	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
2	435.800	15.82	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
3	435.500	6.152 *	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
4	435.350	3.162	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
5	435.300	2.599	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
6	435.280	2.459	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
7	435.260	2.133	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
8	435.250	1.922	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
9	435.240	1.785	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
10	435.230	1.672 *	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
11	435.230	1.511	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
12	435.200	1.416	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
13	435.200	1.392	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
14	435.220	1.451	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
15	435.200	1.264	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
16	435.190	1.147	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
17	435.190	1.277 *	435.080	0.000	435.050	0.000	435.050	0.000	435.050	0.000	435.080	0.000
18	435.170	1.115	435.080	0.000	435.050	0.000	435.050	0.000	435.050	0.000	435.170	0.382
19	435.160	1.109	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.160	0.342
20	435.150	1.082	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.180	0.434 *
21	435.140	0.883	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.190	0.536
22	435.140	0.803	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.560	6.285
23	435.140	0.851	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.250	1.443 #
24	435.140	0.773 *	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.200	1.069 #
25	435.140	0.773 *	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.230	0.714
26	435.140	0.612 #	435.080	0.000	435.050	0.000	435.080	0.000	435.050	0.000	435.420	2.742
27	435.130	0.557	435.080	0.000	435.050	0.000	435.080	0.000	435.080	0.000	435.250	0.906 *
28	435.120	0.502	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000	435.250	1.024
29	435.100	0.500	435.080	0.000			435.050	0.000	435.080	0.000	435.220	0.664
30	435.100	0.483	435.080	0.000			435.050	0.000	435.080	0.000	435.210	0.548
31	435.100	0.459 *	435.080	0.000			435.050	0.000			435.190	0.478
Ten-Daily Mean												
I Ten-Daily	435.347	3.961	435.080	0.000	435.080	0.000	435.050	0.000	435.050	0.000	435.080	0.000
II Ten-Daily	435.191	1.276	435.080	0.000	435.068	0.000	435.056	0.000	435.050	0.000	435.107	0.116
III Ten-Daily	435.126	0.654	435.080	0.000	435.050	0.000	435.069	0.000	435.062	0.000	435.270	1.492
Monthly												
Min.	435.100	0.459	435.080	0.000	435.050	0.000	435.050	0.000	435.050	0.000	435.080	0.000
Max.	435.800	15.82	435.080	0.000	435.080	0.000	435.080	0.000	435.080	0.000	435.560	6.285
Mean	435.218	1.922	435.080	0	435.067	0	435.059	0	435.054	0	435.156	0.567

Peak Computed Discharge = 43.28 cumecs on 11/09/2017 Corres. Water Level :436.35 m

Lowest Computed Discharge = 0.434 cumecs on 20/05/2018 Corres. Water Level :435.18 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

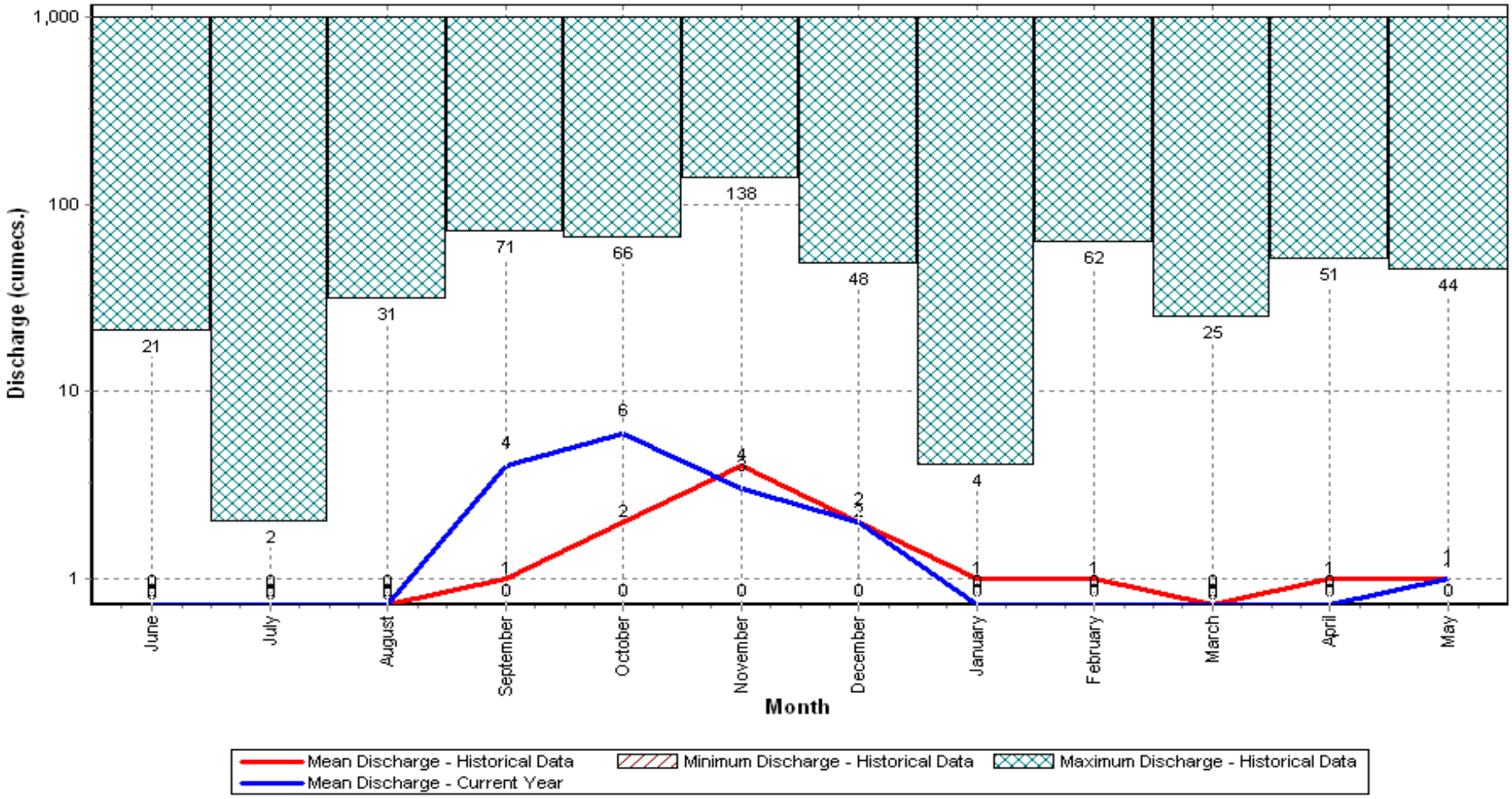
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : KUDLUR (CCK00L9) | **Data considered : 1999-2018** | **Division : SR Division, Coimbatore**

Local River : Palar | **Sub-Division : Middle Cauvery SD, Coimbatore**



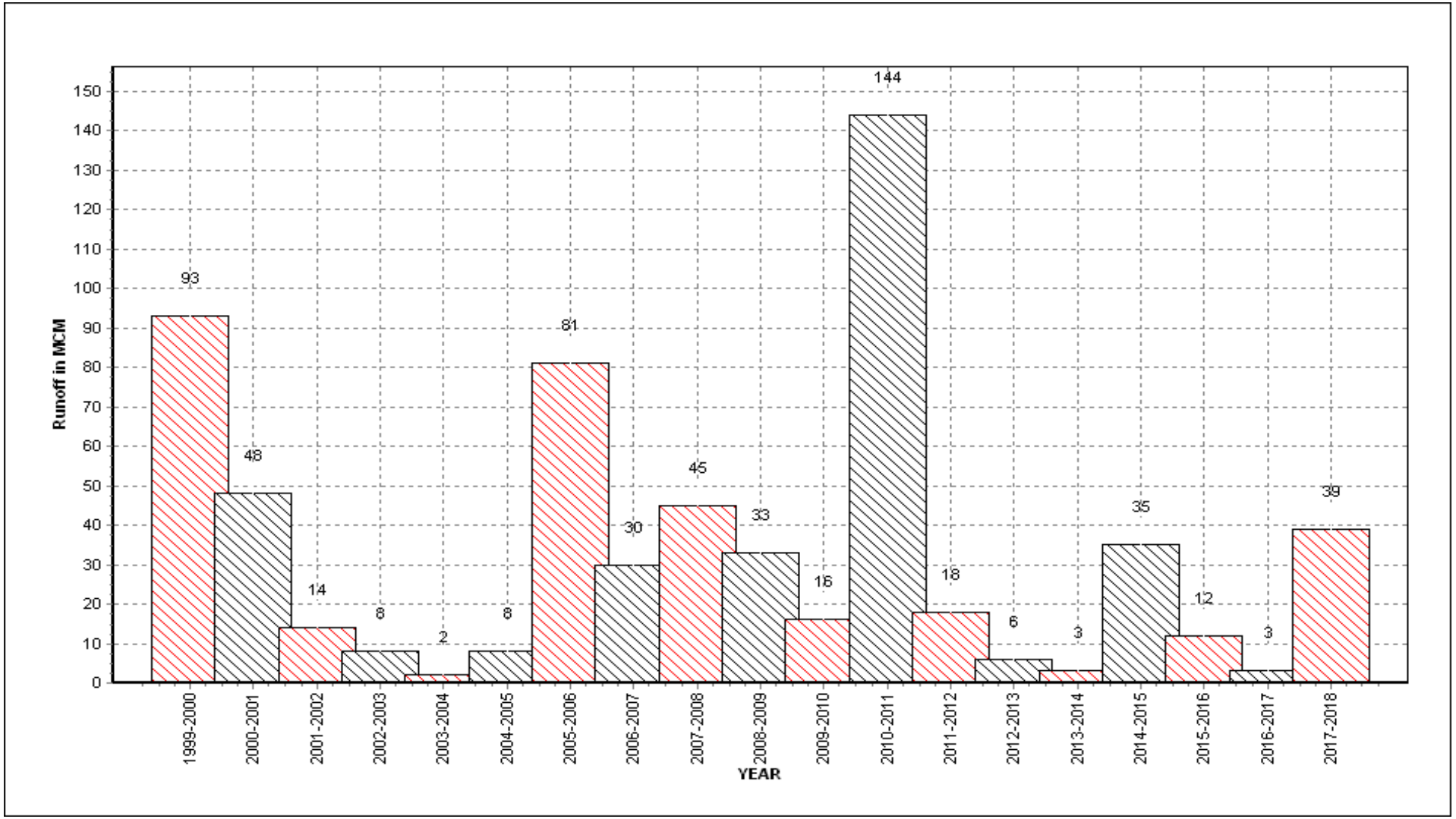
Annual Runoff Values for the period: 1999 - 2018

Station Name : KUDLUR (CCK00L9)

Division : SR Division, Coimbatore

Local River : Palar

Sub-Division : Middle Cauvery SD, Coimbatore



Note: Missing values have not been considered while arriving at Annual Runoff

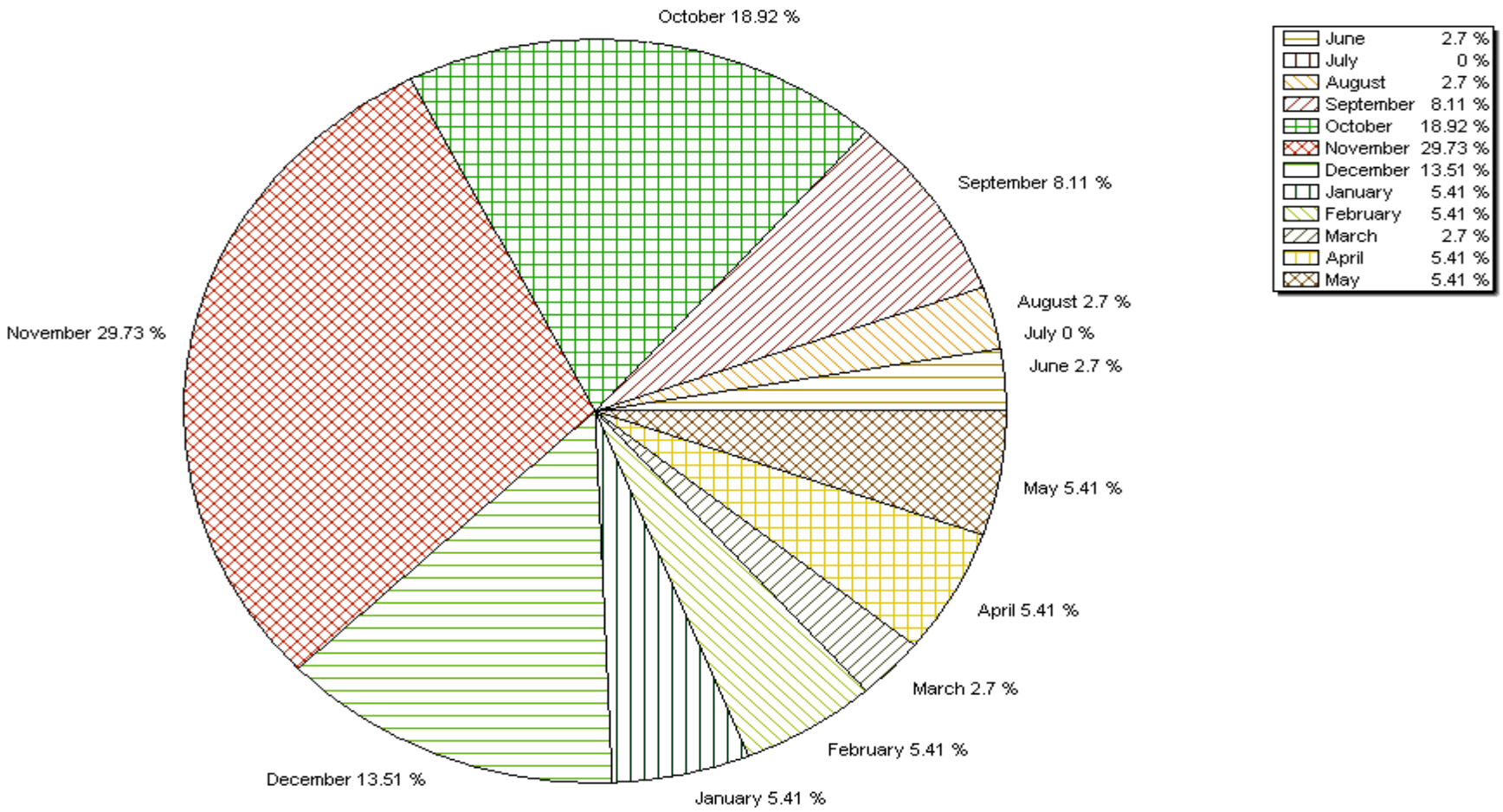
Monthly Average Runoff based on period : 1999-2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



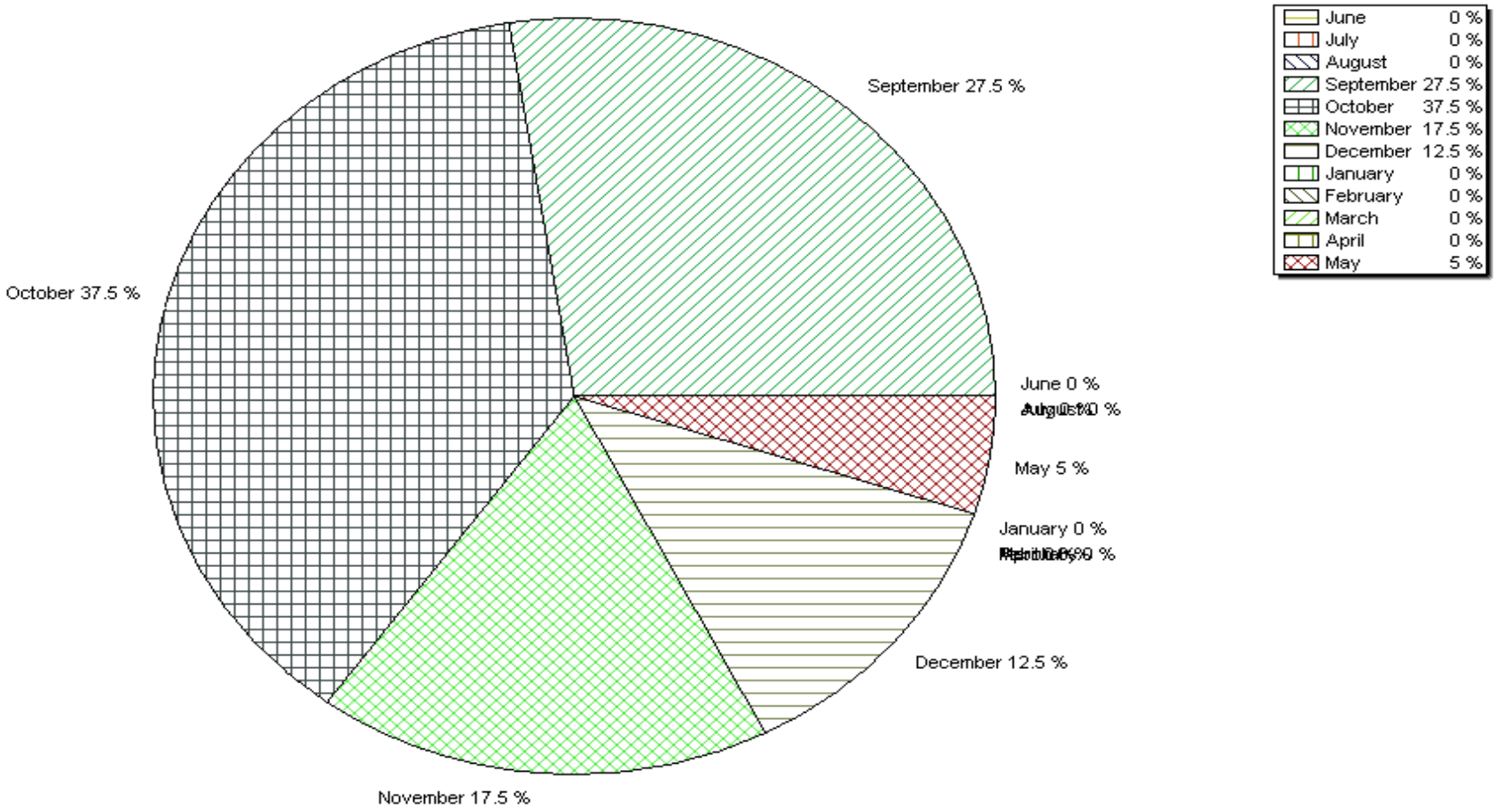
Monthly Runoff for the Year : 2017-2018

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



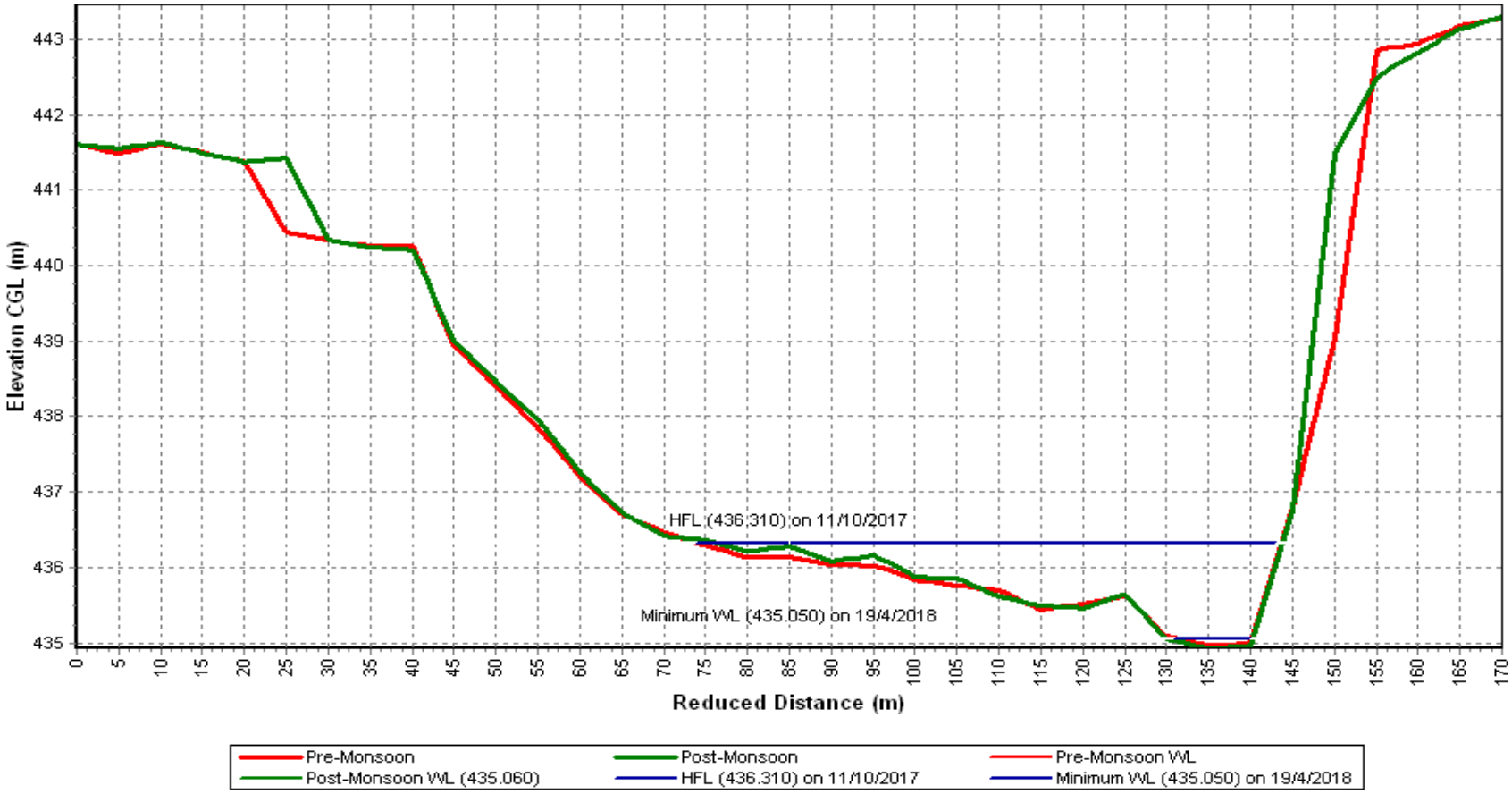
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

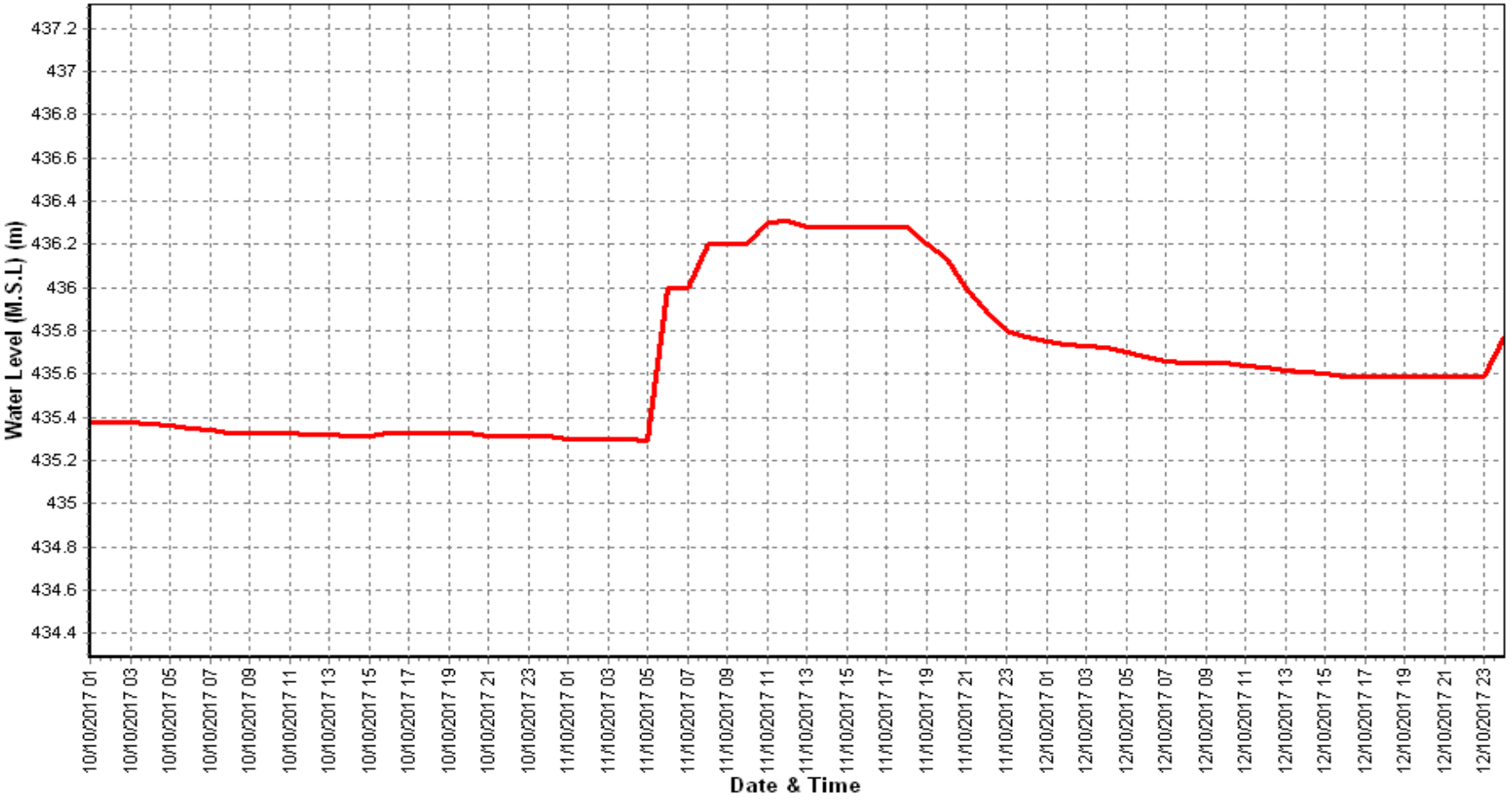
Sub-Division : Middle Cauvery SD, Coimbatore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

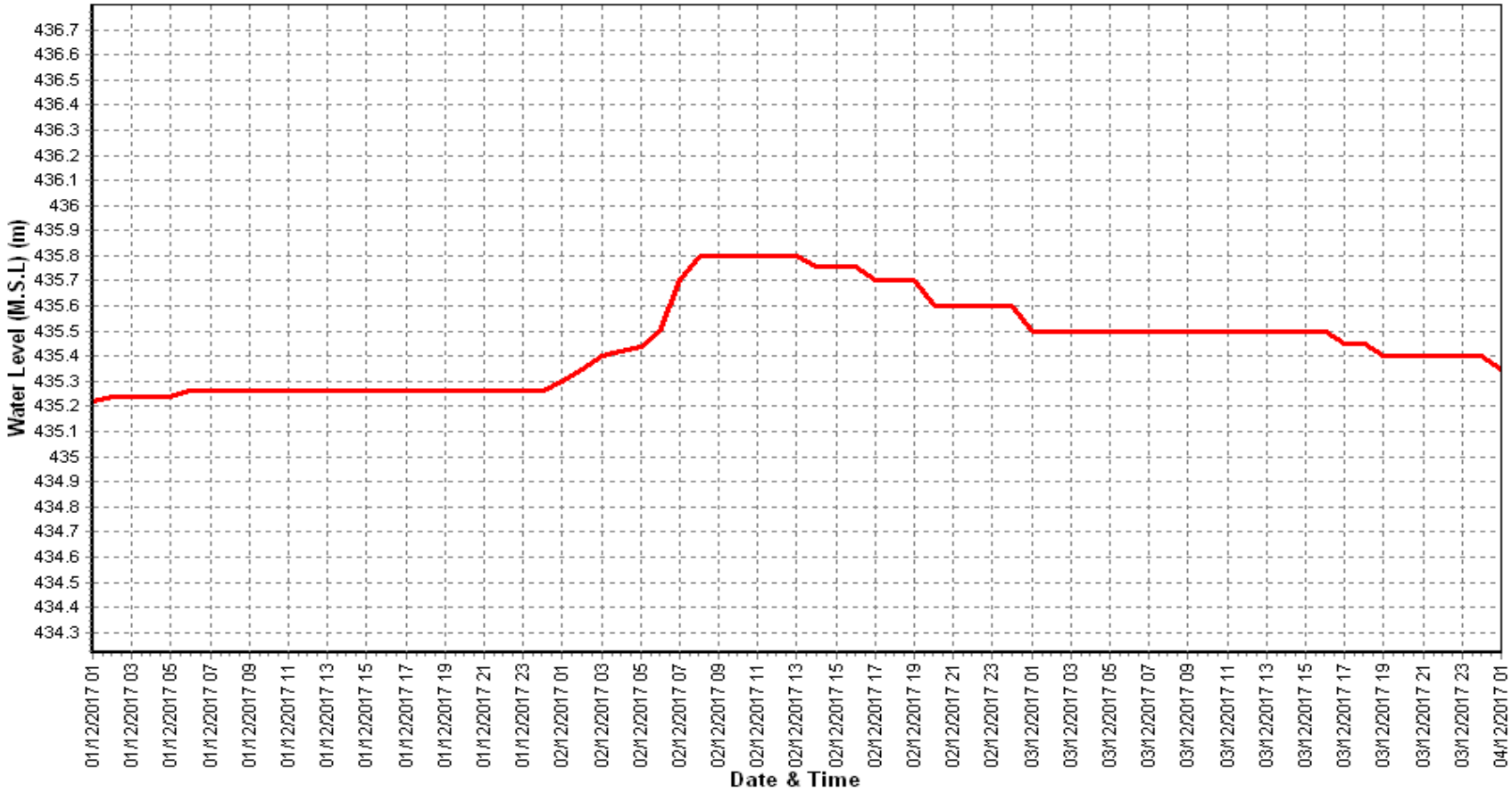
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : KUDLUR (CCK00L9)

Division : SR Division, Coimbatore

Local River : Palar

Sub-Division : Middle Cauvery SD, Coimbatore

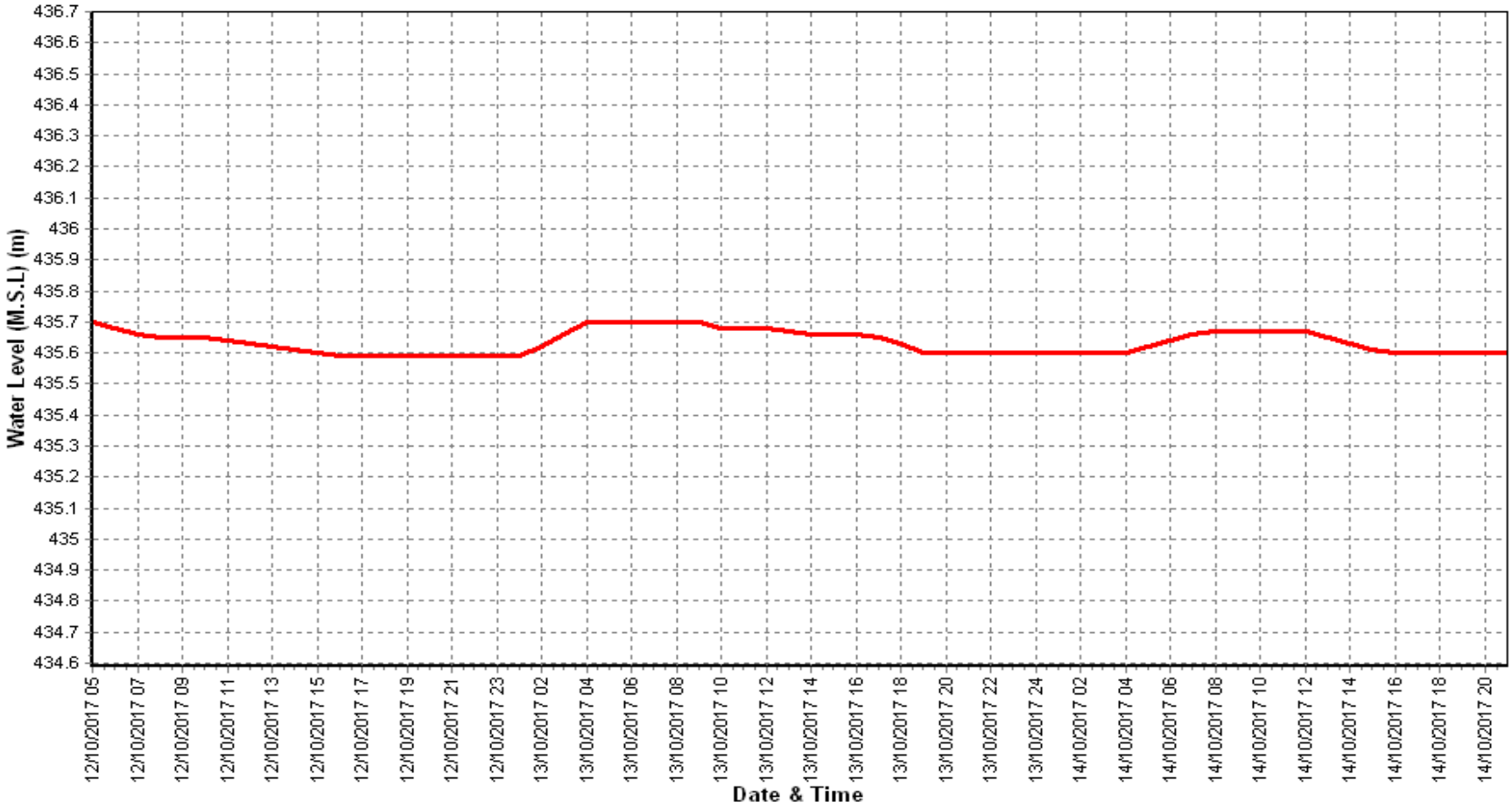


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-2018**
Site	:	**Hogenakkal**	**Code**	:	**CCS00A9**
State	:	Tamil Nadu	District		Dharmapuri
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Chinnar	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Chinnar
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	1636 Sq. Km.	Bank	:	Left
Latitude	:	12°07'16"	Longitude	:	77°46'55"
Zero of Gauge (m)	:				
		Opening Date	Closing Date		
Gauge	:	05-10-1996			
Discharge	:	05-10-1996			
Sediment	:				
Water Quality	:	01-11-2004			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1997-1998	65.97	254.530	27-11-1997	0.000	Dry Bed	17-05-1998
1998-1999	24.53	253.670	21-08-1998	0.000	Dry Bed	05-04-1999
1999-2000	112.2	255.850	29-10-1999	0.000	252.470	30-04-2000
2000-2001	122.6	255.075	06-10-2000	0.000	Dry Bed	24-07-2000
2001-2002	21.89	253.260	28-10-2001	0.000	Dry Bed	03-05-2002
2002-2003	31.95	253.650	28-10-2002	0.000	Dry Bed	16-07-2002
2003-2004	61.52	253.600	28-05-2004	0.000	Dry Bed	22-01-2004
2004-2005	71.47	255.000	17-10-2004	0.000	Dry Bed	06-04-2005
2005-2006	251.4	256.350	24-10-2005	0.000	Dry Bed	27-07-2005
2006-2007	2.599	252.595	21-11-2006	0.000	Dry Bed	31-05-2007
2007-2008	7.804	252.550	25-08-2007	0.000	Dry Bed	24-01-2008
2008-2009	14.03	253.570	28-08-2008	0.000	Dry Bed	22-04-2009
2009-2010	0.743	252.430	14-04-2010	0.000	Dry Bed	16-05-2010
2010-2011	19.04	252.950	08-11-2010	0.000	Dry Bed	20-10-2010
2011-2012	3.348	252.510	04-11-2011	0.000	Dry Bed	07-05-2012
2012-2013	2.576	252.520	15-10-2012	0.000	Dry Bed	31-10-2012
2013-2014	24.24	253.100	09-10-2013	0.000	Dry Bed	06-08-2013
2014-2015	120.3	254.250	27-10-2014	0.000	Dry Bed	11-03-2015
2015-2016	40.14	253.400	10-11-2015	0.000	Dry Bed	21-08-2015
2016-2017	0.000		28-10-2016	0.000	Dry Bed	25-02-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.490	1.649
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.490	1.651
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.490	1.745
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.480	1.513
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.730	9.278	252.480	1.811 *
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.630	5.245	252.490	1.764
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.600	4.468	252.490	1.780
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.540	3.679 *	252.480	1.664
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.480	2.663	252.460	1.546
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.450	3.108	252.450	1.434
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	254.100	56.79	252.440	0.276
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	253.900	45.08	252.430	1.144 *
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.950	15.43	252.420	1.024
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.800	11.20	252.420	1.161
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.960	15.90	252.410	0.989
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.780	10.27	252.410	0.993
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.750	10.10	252.415	1.004
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.690	6.111 *	252.420	1.111
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.670	6.511	252.400	0.813 *
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.650	4.850	252.390	0.884
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.640	5.211	252.380	0.622
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.620	4.416 *	252.380	0.640
23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.580	3.996	252.380	0.609
24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.570	3.775	252.380	0.634
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.540	2.916	252.370	0.546
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.540	2.976	252.370	0.535 *
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.520	2.639	252.370	0.514
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.530	2.761	252.370	0.508
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.510	2.279 *	252.360	0.450
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.500	1.946	252.360	0.426
31			0.000	0.000	0.000	0.000			252.500	1.708		
Ten-Daily Mean												
I Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	151.543	2.844	252.480	1.656
II Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	253.025	18.22	252.415	0.940
III Ten-Daily	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.550	3.148	252.372	0.548
Monthly												
Min.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	252.360	0.276
Max.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	254.100	56.79	252.490	1.811
Mean	0.000	0	0.000	0	0.000	0	0.000	0	220.120	7.913	252.423	1.048

Annual Runoff in MCM = 25 Annual Runoff in mm = 15

Peak Observed Discharge = 56.79 cumecs on 11/10/2017 Corres. Water Level :254.1 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :0 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	252.360	0.433	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	252.430	1.201 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	252.420	1.074 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	252.400	0.802	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	252.380	0.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	252.380	0.623	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	252.370	0.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	252.365	0.523	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	252.360	0.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	252.360	0.458 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	252.350	0.388	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	252.350	0.388	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	252.350	0.371	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	252.350	0.356	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	252.350	0.218	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	252.350	0.218	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	252.350	0.224 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	252.340	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	252.340	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	252.330	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	252.330	0.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22	252.330	0.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	252.320	0.152	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	252.320	0.119 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	252.310	0.091 *	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	252.310	0.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	252.310	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	252.300	0.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	252.300	0.067	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000
30	252.300	0.052	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000
31	252.300	0.066 *	0.000	0.000			0.000	0.000			0.000	0.000
Ten-Daily Mean												
I Ten-Daily	252.383	0.682	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
II Ten-Daily	252.346	0.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
III Ten-Daily	252.312	0.106	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Monthly												
Min.	252.300	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max.	252.430	1.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mean	252.346	0.344	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0

Peak Computed Discharge = 6.111 cumecs on 18/10/2017 Corres. Water Level :252.69 m

Lowest Computed Discharge = 0.066 cumecs on 31/12/2017 Corres. Water Level :252.3 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

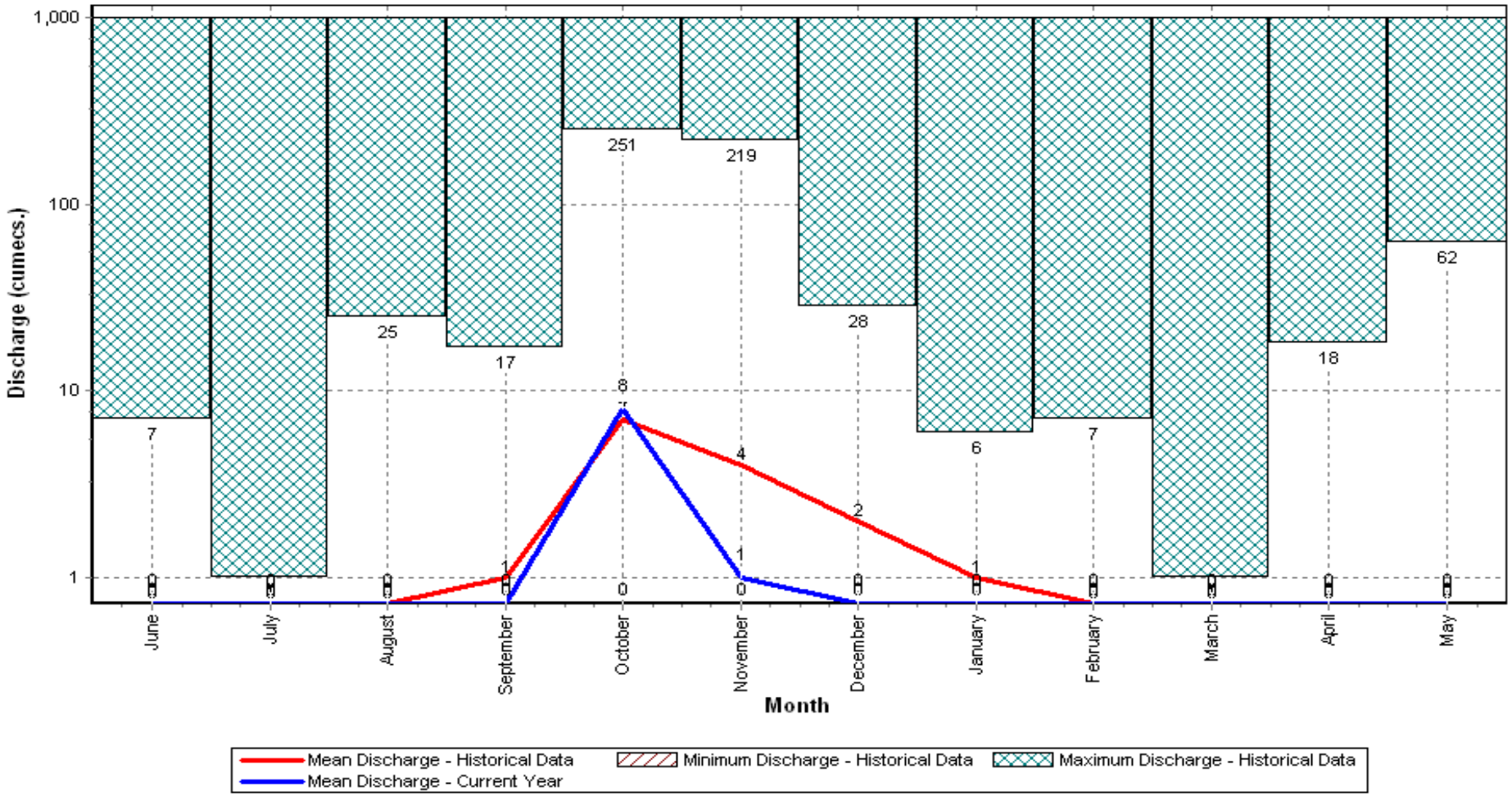
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Hogenakkal (CCS00A9) | **Data considered : 1997-2018** | **Division : Cauvery Division, Bangalore**

Local River : Chinnar | **Sub-Division : Upper Cauvery SD, Bangalore**


1,000
100
10
1
Discharge (cumecs.)
7
25
17
251
219
28
6
7
18
62
8
4
2
1
1
0
0
0

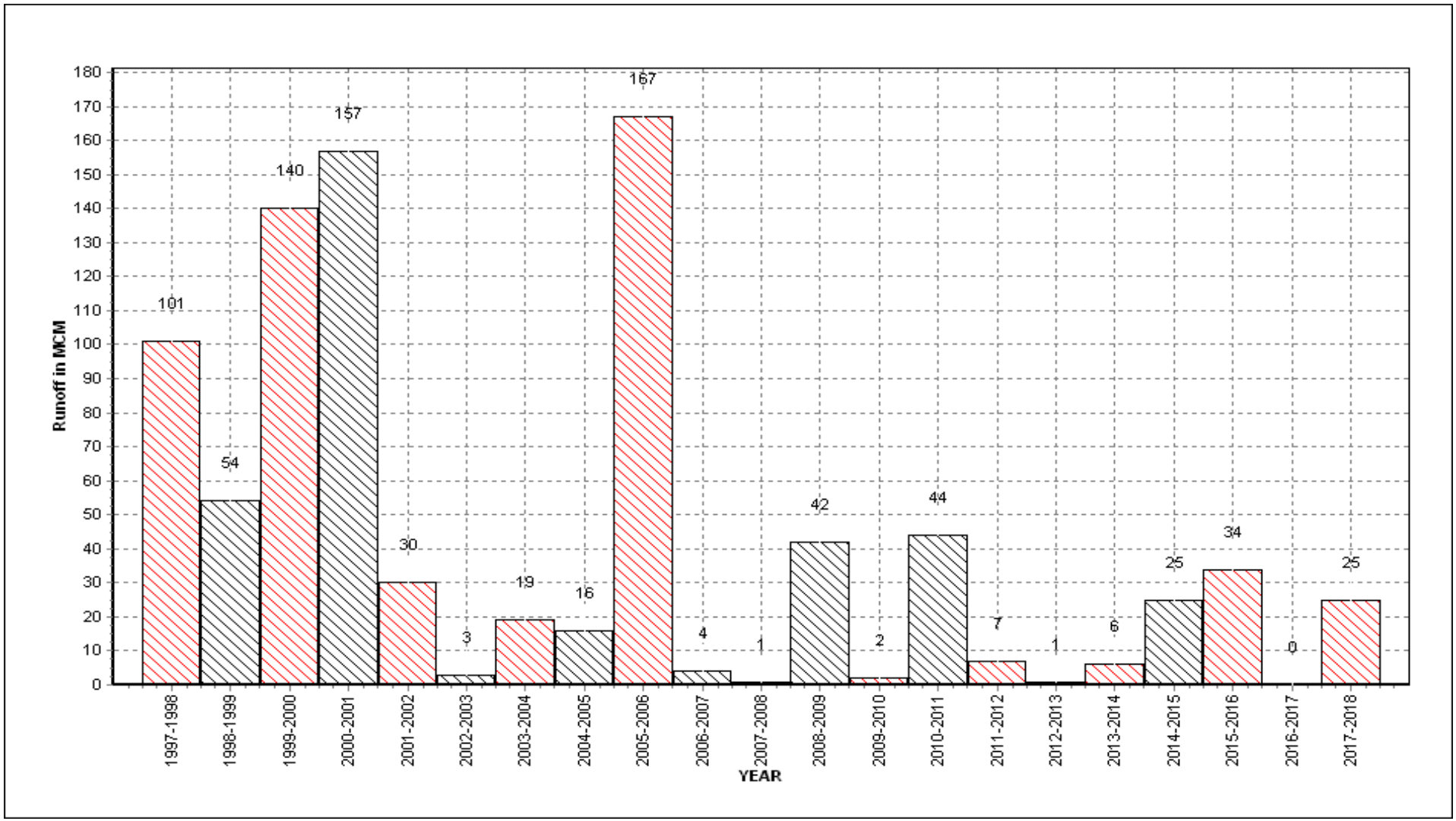
Annual Runoff Values for the period: 1997 - 2018

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

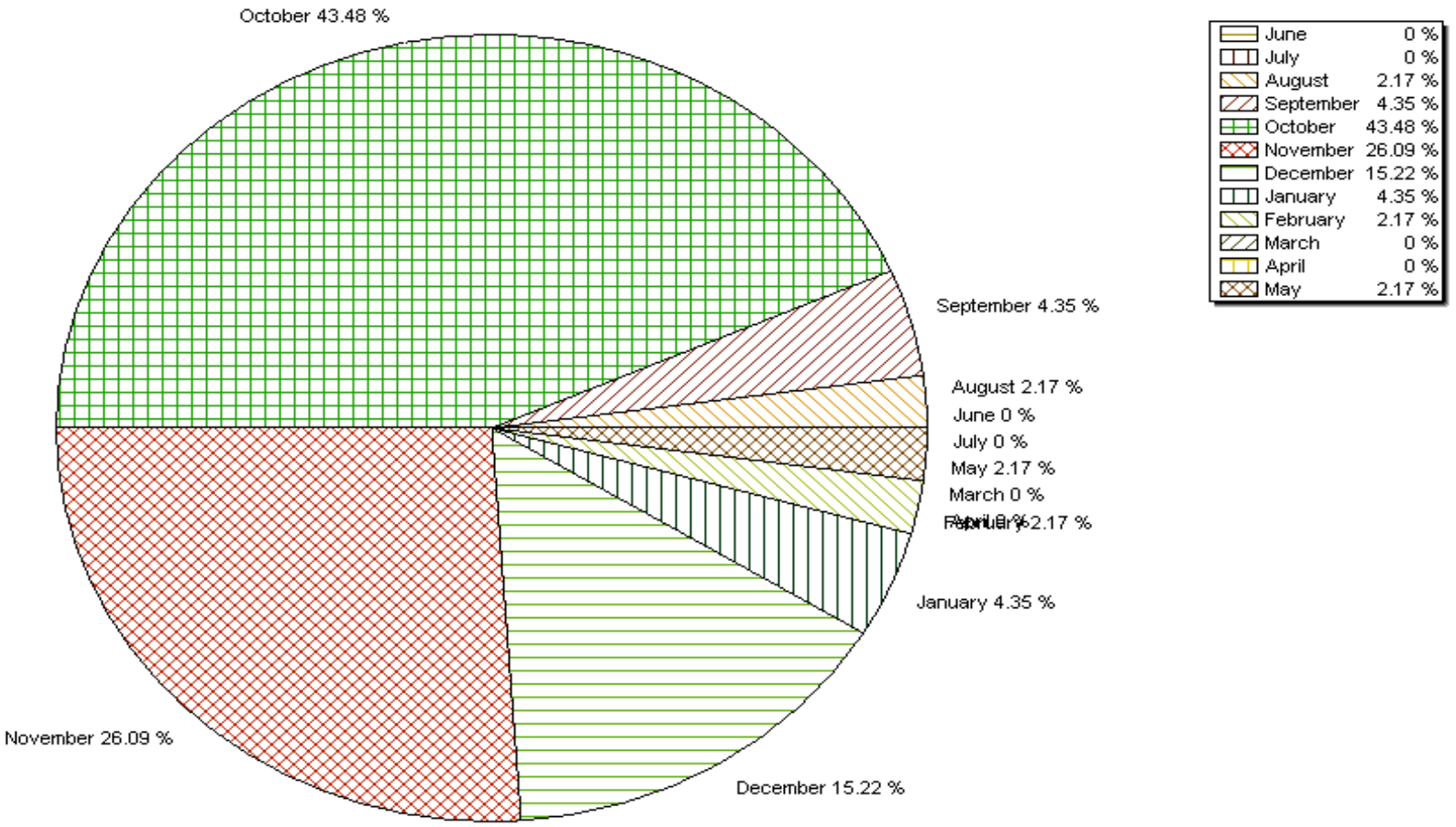
Monthly Average Runoff based on period : 1997-2017

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



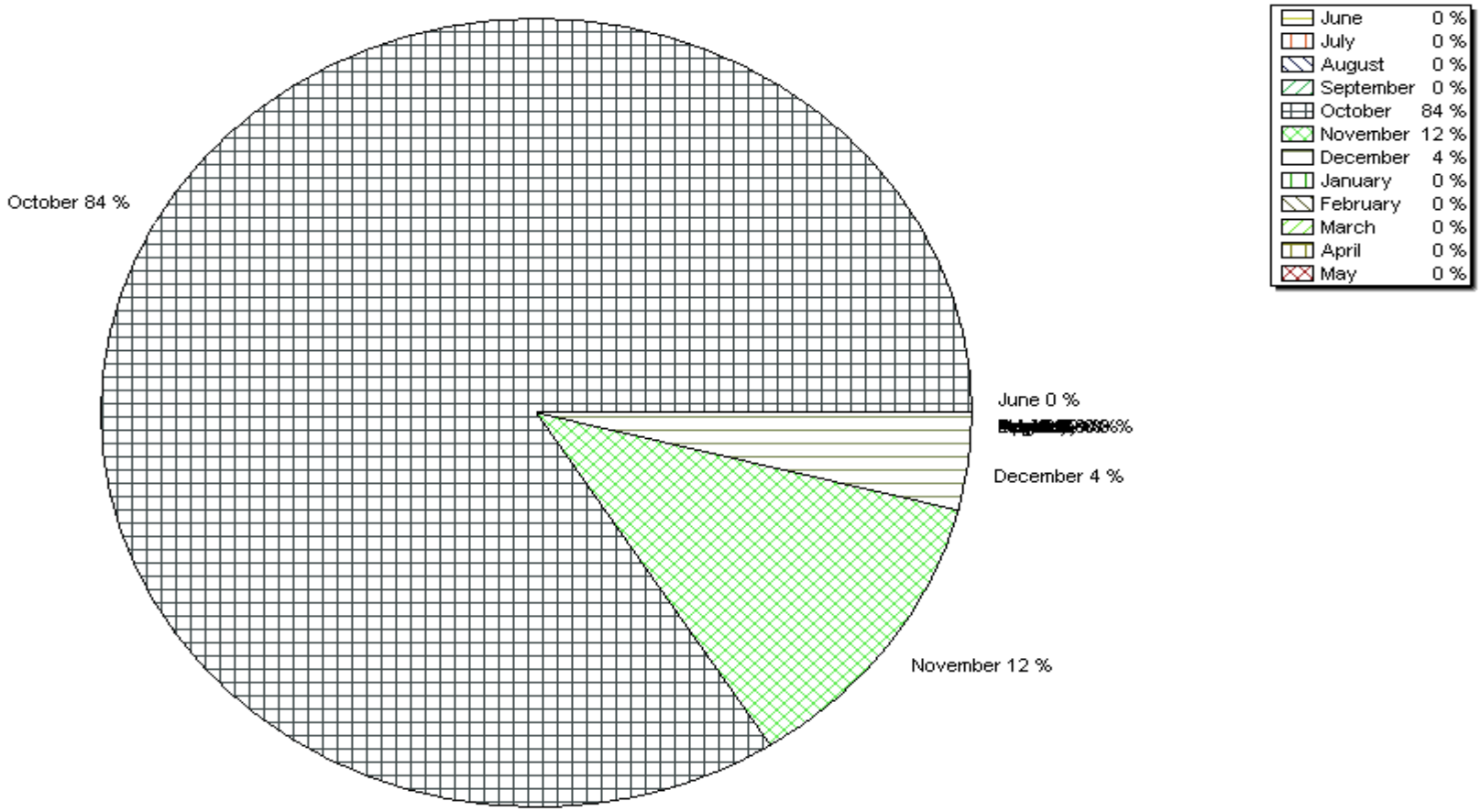
Monthly Runoff for the Year : 2017-2018

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

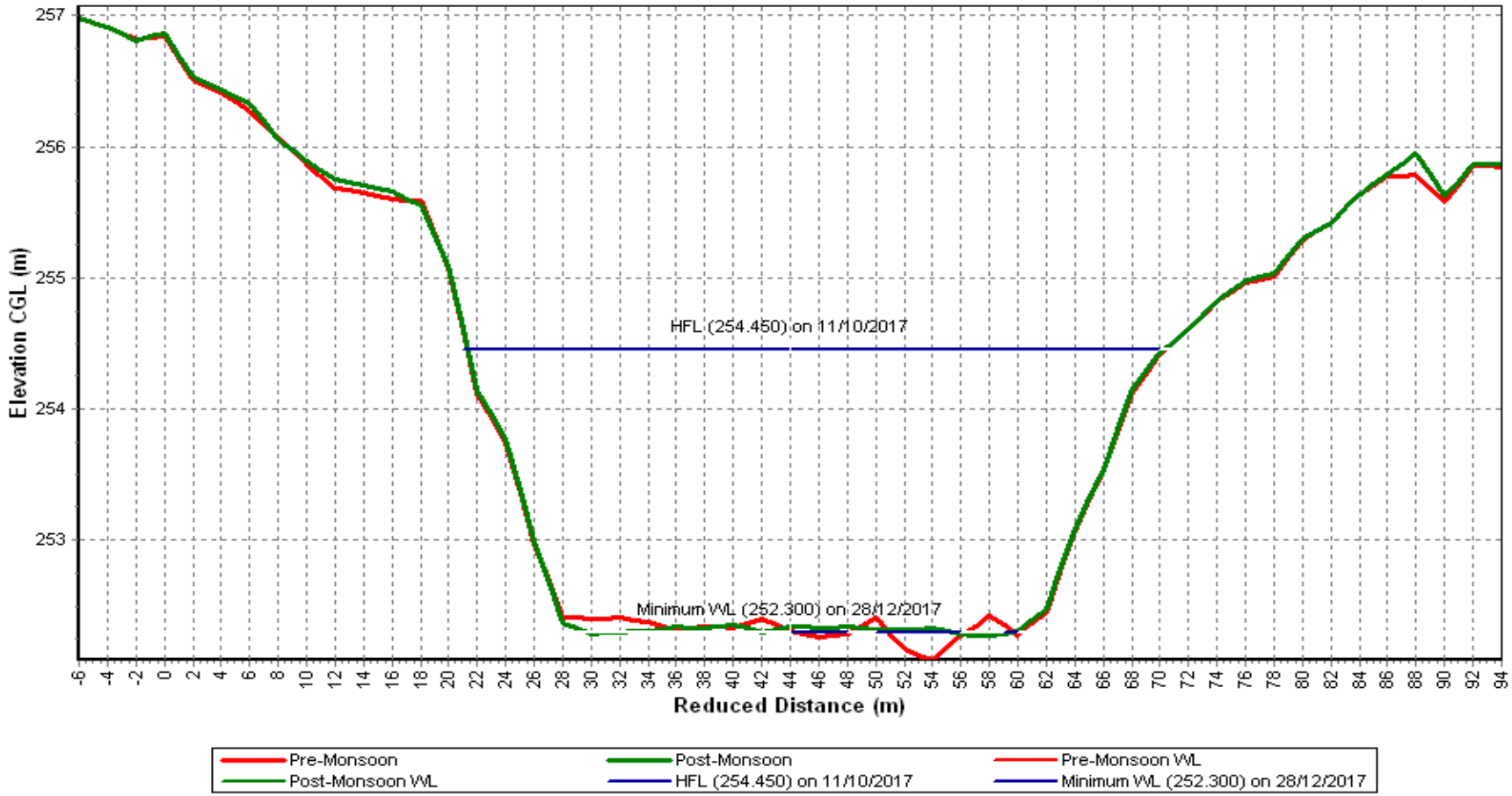
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

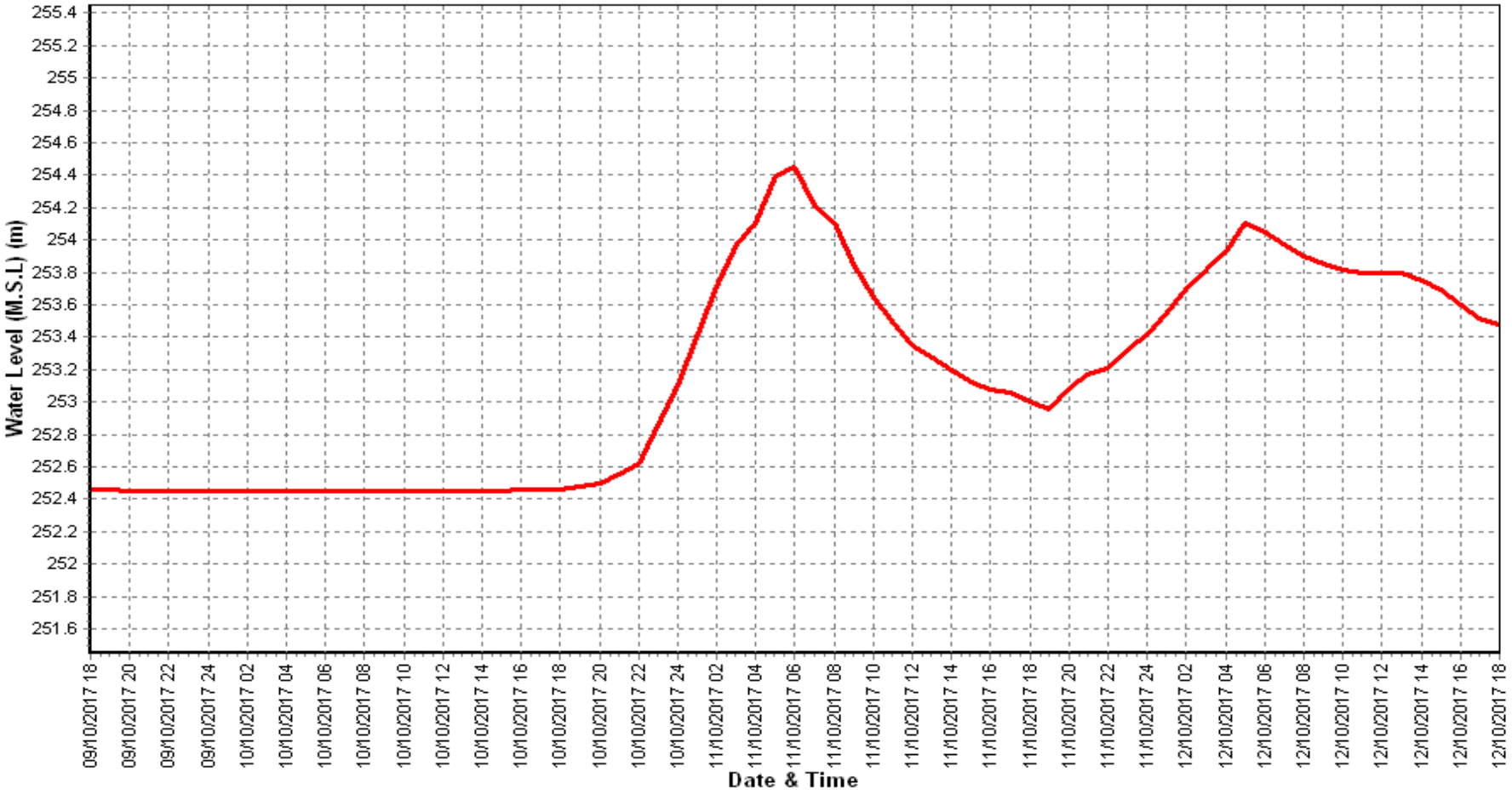
Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**

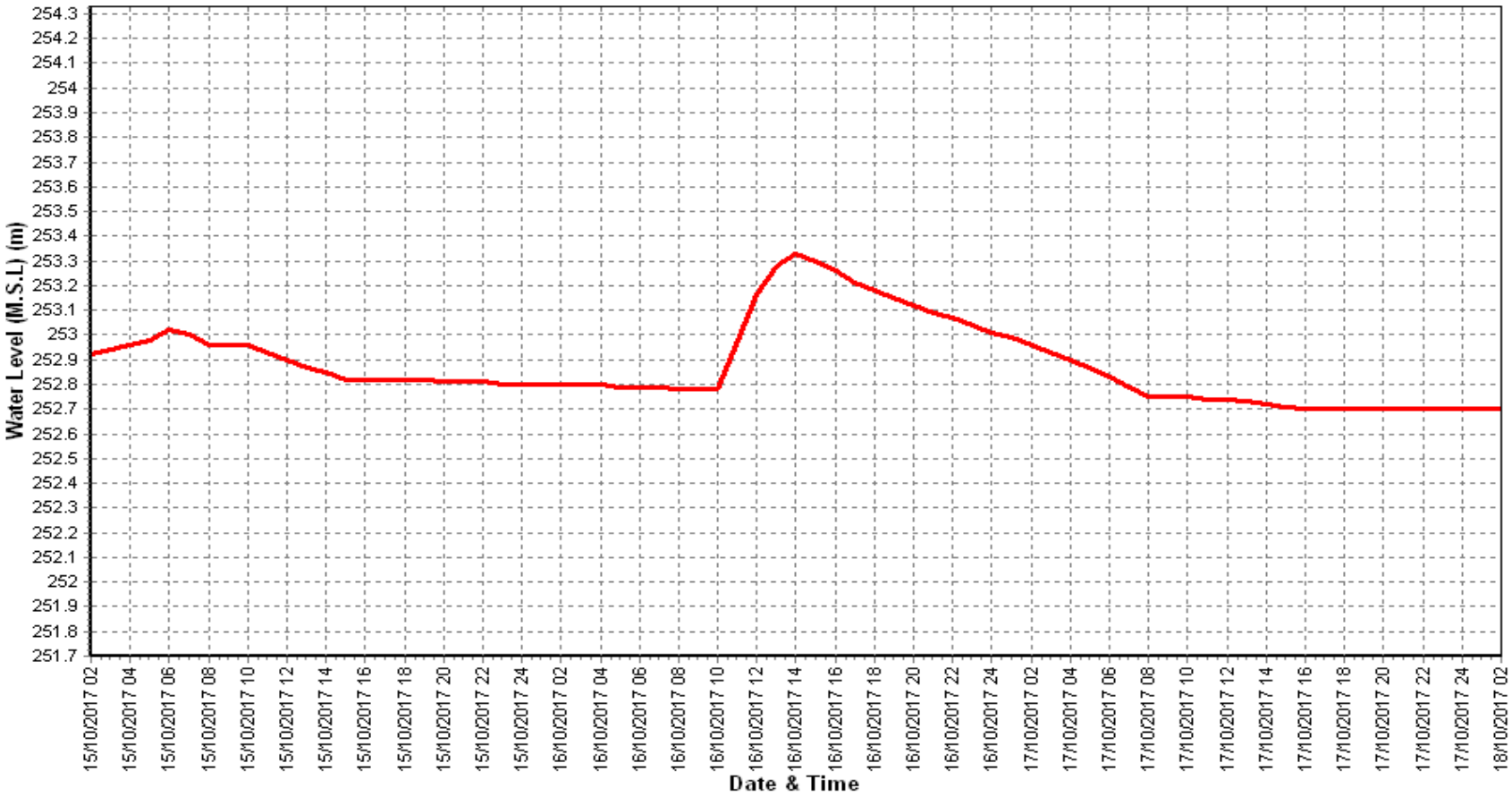


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**

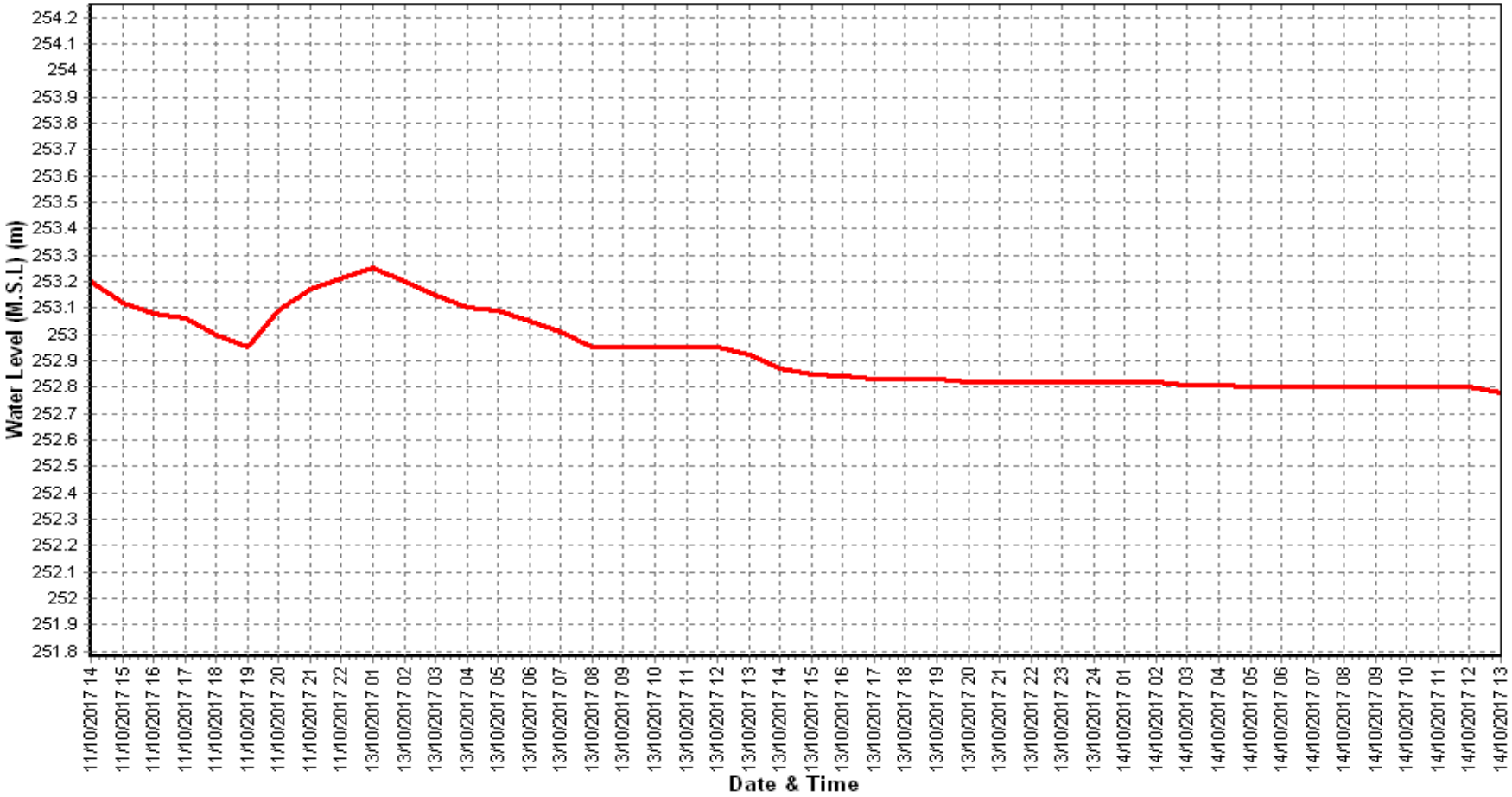


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Hogenakkal (CCS00A9) **Division : Cauvery Division, Bangalore**

Local River : Chinnar **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-2018**
Site	:	**Biligundulu**	**Code**	:	**CC000N7**
State	:	Tamil Nadu	District		Dharmapuri
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	-	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	36682 Sq. Km.	Bank	:	Left
Latitude	:	12°10'56"	Longitude	:	77°43'26"
Zero of Gauge (m)	:				
		Opening Date	Closing Date		
Gauge	:	01-07-1971			
Discharge	:	30-08-1971			
Sediment	:	01-06-1972			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1972-1973	2649	261.990	09-12-1972	12.60	257.950	21-04-1973
1973-1974	3825	263.605	12-07-1973	11.40	257.820	31-05-1974
1974-1975	2510	262.150	20-08-1974	8.900	257.745	25-06-1974
1975-1976	4427	263.500	16-08-1975	17.40	257.830	21-06-1975
1976-1977	979.4	260.115	06-08-1976	18.10	257.820	10-03-1977
1977-1978	2362	262.160	27-10-1977	27.50	257.925	16-03-1978
1978-1979	2373	261.922	02-08-1978	28.80	257.910	02-04-1979
1979-1980	2982	262.715	11-08-1979	27.10	257.895	27-03-1980
1980-1981	4562	264.350	05-07-1980	30.40	257.900	02-03-1981
1981-1982	4370	264.280	19-08-1981	44.40	257.980	18-03-1982
1982-1983	1558	260.837	17-08-1982	41.90	257.985	21-06-1982
1983-1984	2532	262.270	23-08-1983	35.00	257.880	05-06-1983
1984-1985	3981	263.850	05-07-1984	32.30	257.875	15-03-1985
1985-1986	1158	260.680	30-06-1985	21.00	257.850	24-05-1986
1986-1987	2474	262.370	14-08-1986	20.70	257.845	26-06-1986
1987-1988	1216	260.880	21-11-1987	24.35	257.860	19-03-1988
1988-1989	1420	261.300	13-09-1988	25.82	257.868	04-07-1988
1989-1990	1595	261.470	26-07-1989	25.86	257.740	19-06-1989
1990-1991	1618	261.245	24-08-1990	32.74	257.860	19-03-1991
1991-1992	6688	265.560	30-07-1991	39.65	257.877	08-03-1992

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1992-1993	3279	263.189	30-07-1992	41.15	257.930	15-03-1993
1993-1994	1314	260.964	18-08-1993	37.67	257.900	22-03-1994
1994-1995	5311	264.150	17-07-1994	36.80	257.885	26-03-1995
1995-1996	2009	262.035	06-09-1995	31.39	257.830	22-06-1995
1996-1997	1712	261.605	19-10-1996	36.43	257.880	02-05-1997
1997-1998	2730	263.050	10-08-1997	31.75	257.840	18-03-1998
1998-1999	1586	261.200	25-09-1998	28.48	257.790	23-06-1998
1999-2000	2023	262.045	27-10-1999	37.51	257.895	28-03-2000
2000-2001	2412	262.570	10-10-2000	19.74	257.725	06-04-2001
2001-2002	1213	260.820	27-10-2001	23.27	257.740	02-05-2002
2002-2003	953.9	260.370	31-10-2002	9.739	257.560	15-05-2003
2003-2004	523.7	259.515	22-10-2003	4.235	257.405	28-03-2004
2004-2005	1103	260.600	08-08-2004	19.22	257.700	24-04-2005
2005-2006	3656	264.210	24-10-2005	11.29	257.635	03-07-2005
2006-2007	1959	261.990	14-08-2006	16.68	257.780	25-05-2007
2007-2008	3883	263.670	12-08-2007	11.22	257.690	19-06-2007
2008-2009	2702	262.640	15-08-2008	18.59	257.765	06-05-2009
2009-2010	1602	261.203	20-07-2009	11.62	257.675	29-06-2009
2010-2011	1472	261.030	07-11-2010	12.02	257.690	16-02-2011
2011-2012	1888	261.365	06-09-2011	22.03	257.690	28-03-2012
2012-2013	861.8	259.997	07-10-2012	13.51	257.540	30-05-2013
2013-2014	3414	263.570	05-08-2013	12.51	257.620	17-02-2014
2014-2015	2511	262.400	09-08-2014	10.21	257.650	14-06-2014
2015-2016	1061	260.400	06-11-2015	5.469	257.580	08-04-2016
2016-2017	470.2	259.350	10-09-2016	0.560	257.400	21-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	257.880	34.48	257.530	3.726	258.650	207.0	259.050	359.2	259.360	480.7	258.320	104.8
2	257.810	27.72	257.520	3.308	258.665	211.0	259.190	397.9 *	259.125	387.4	258.300	100.1
3	257.760	19.33	257.530	3.685	258.630	202.8	259.520	557.2	259.050	358.6	258.310	102.9
4	257.680	12.55 *	257.530	3.692	258.635	204.7	259.200	418.4	258.910	307.7	258.315	103.5
5	257.610	6.651	257.520	3.381	258.560	175.8	259.030	354.4	258.960	323.6	258.330	116.3 *
6	257.590	5.609	257.520	3.270	258.560	175.9	259.280	444.6	259.935	756.5	258.270	94.58
7	257.610	6.671	257.900	34.75	258.670	212.4	259.820	705.9	259.770	668.6	258.345	116.7
8	257.610	6.719	258.040	64.43	258.620	200.8	259.050	360.3	259.760	663.3	258.370	121.4
9	257.550	4.350	258.065	64.50	258.655	207.4	259.210	420.5	259.830	696.5	258.380	124.5
10	257.560	4.837	258.170	79.04	258.780	255.9	258.780	255.9	259.170	406.6	258.420	138.2
11	257.800	25.85	258.095	69.58	258.765	251.5	259.575	574.0	259.445	500.3	258.290	97.80
12	257.635	7.582	258.135	74.61	258.580	183.2	258.815	269.0	259.655	611.4	258.240	96.13 *
13	257.600	6.355	258.140	75.33	258.530	165.0	258.710	222.6	259.405	500.7	258.150	77.29
14	257.570	5.015	258.010	52.52	258.490	152.5	258.790	259.4	259.715	646.6	258.110	68.73
15	257.590	5.698	258.015	52.95	259.000	322.1 *	258.660	209.6	259.860	721.1	258.150	76.46
16	257.580	5.161	257.980	45.34	259.300	449.9	258.660	210.0	259.500	534.2	258.150	77.10
17	257.620	7.201	258.000	50.61	259.100	380.9	258.590	188.6	258.920	307.0	258.110	68.62
18	257.550	4.196	257.940	42.51	258.755	250.4	258.600	189.5	258.680	211.8 *	258.165	78.45
19	257.700	10.83	257.955	43.95	258.550	173.9	258.530	164.7	258.575	183.3	258.100	68.38 *
20	257.700	11.19	257.870	32.77	258.330	112.7	258.570	179.3	258.475	147.3	258.055	62.47
21	257.650	7.867	258.080	66.11	258.430	140.5	258.990	340.6	258.380	128.8	258.010	53.35
22	257.630	7.245	258.150	81.01	258.300	99.30	259.135	393.5	258.480	148.6	258.050	60.63
23	257.640	7.527	258.050	61.33	258.270	92.86	258.775	254.7	258.350	117.1	258.050	59.50
24	257.570	5.113	258.030	57.13	258.550	174.1	258.940	313.8	258.180	78.53	258.110	68.56
25	257.550	4.035	258.485	150.9	258.620	193.5 *	258.980	337.3	258.260	94.48	258.110	68.46
26	257.540	3.827	258.555	173.3	258.640	204.6	259.400	499.3	258.240	96.13 *	258.110	70.21 *
27	257.530	3.768	258.605	191.6	258.650	206.8	260.070	830.3	258.150	77.54	258.210	81.26
28	257.530	3.733	258.560	175.3	258.590	188.9	260.840	1333	258.120	72.77	258.160	78.07
29	257.530	3.648	258.690	214.7	258.565	178.4	260.270	975.4	258.290	10.71 *	258.210	81.34
30	257.535	3.765	258.600	190.6	258.560	175.8	259.500	540.5	258.500	162.7	258.200	81.64
31			258.645	200.6	258.630	203.0			258.395	133.0		
Ten-Daily Mean												
I Ten-Daily	257.666	12.89	257.732	26.38	258.643	205.4	259.213	427.4	259.387	505.0	258.336	112.3
II Ten-Daily	257.634	8.909	258.014	54.02	258.740	244.2	258.750	246.7	259.223	436.4	258.152	77.14
III Ten-Daily	257.570	5.053	258.405	142.0	258.528	168.9	259.490	581.8	258.304	101.8	258.122	70.30
Monthly												
Min.	257.530	3.648	257.520	3.270	258.270	92.86	258.530	164.7	258.120	10.71	258.010	53.35
Max.	257.880	34.48	258.690	214.7	259.300	449.9	260.840	1333	259.935	756.5	258.420	138.2
Mean	257.624	8.951	258.062	76.33	258.633	205	259.151	418.6	258.950	339.8	258.203	86.58

Annual Runoff in MCM = 3500 Annual Runoff in mm = 95

Peak Observed Discharge = 1333 cumecs on 28/09/2017 Corres. Water Level :260.84 m

Lowest Observed Discharge = 3.270 cumecs on 06/07/2017 Corres. Water Level :257.52 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	258.210	83.13	257.980	48.56	257.710	11.60	257.770	19.72	257.710	12.47 *	257.720	13.04
2	258.210	96.24 *	257.990	50.41	257.700	9.970	257.680	9.758	257.740	17.52	257.740	16.00
3	258.350	135.1 *	257.980	48.65	257.700	10.23	257.700	10.72	257.610	6.496	257.700	10.74
4	258.620	201.1	257.940	43.08	257.700	11.63 *	257.680	10.04 *	257.600	5.517	257.880	34.28
5	258.550	173.8	257.980	48.44	257.700	10.06	257.670	21.95	257.610	6.400	257.810	25.36
6	258.300	99.52	257.940	42.56	257.670	9.293 *	257.630	6.178	257.640	7.386	257.850	27.55 *
7	258.160	77.61	257.940	40.61 *	257.680	10.04 *	257.630	5.808	257.610	6.378	258.050	60.14
8	258.270	94.61	257.890	35.95	257.680	9.140	257.620	5.163	257.690	10.82 *	257.930	42.28
9	258.110	68.54	257.870	31.91	257.660	7.712	257.610	4.249	257.680	9.702	257.900	37.42
10	258.120	74.91 *	257.835	27.06	257.640	6.423	257.610	4.525	257.680	9.760	257.805	24.63
11	258.120	71.11	257.800	24.45	257.650	7.888 *	257.610	5.443 *	257.670	8.724	257.780	21.38
12	257.980	48.69	257.820	24.91	257.640	6.301	257.600	3.969	257.650	7.787	257.960	45.46
13	258.080	66.42	257.840	27.93	257.670	8.209	257.600	4.071	257.640	7.292	257.850	27.55 *
14	258.000	51.85	257.800	21.44 *	257.650	6.870	257.600	4.284	257.630	6.882	257.900	37.54
15	258.035	58.01	257.830	25.01 *	257.640	6.266	257.580	3.883	257.600	4.907 *	258.230	87.25
16	257.960	45.79	257.800	24.85	257.630	5.610	257.585	3.936	257.590	5.298	258.050	59.97
17	258.070	64.27 *	257.740	16.41	257.630	5.464	257.640	6.894	257.590	5.383	258.030	56.42
18	257.960	46.03	257.750	18.14	257.630	6.606 *	258.020	55.50	257.860	30.55	257.980	48.70
19	257.890	35.88	257.780	21.73	257.630	5.709	258.060	57.56	257.810	24.86	257.940	42.78
20	257.950	45.52	257.740	16.11	257.860	33.64	258.010	55.38	257.900	37.13	257.870	30.22 *
21	257.850	29.73	257.710	12.47 *	257.780	19.69	257.880	34.58	257.840	27.41	257.920	40.81
22	257.910	39.33	257.700	10.74	257.730	14.98	257.850	29.48	257.770	18.17 *	257.890	35.71
23	257.900	37.15	257.780	21.21	257.750	18.28	257.800	24.53	257.730	14.87	257.980	48.84
24	257.970	45.57 *	257.780	21.37	257.750	18.51	257.760	19.21	257.710	10.97	258.230	84.81
25	258.010	52.64 *	257.860	30.32	257.740	15.17 *	257.700	11.63 *	257.690	9.226	258.020	55.69
26	257.980	48.43	257.800	21.44 *	257.780	21.24	257.730	14.84	257.660	8.371	258.290	97.30
27	257.940	43.02	257.790	22.92	257.830	26.69	257.680	9.742	257.660	8.150	258.320	126.2 *
28	258.020	55.40	257.790	20.32 *	257.800	24.91	257.710	12.01	257.650	7.531	258.400	127.7
29	257.970	46.47	257.760	18.83			257.710	12.47 *	257.630	6.606 *	258.410	129.2
30	258.100	66.47	257.730	14.73			257.690	10.82 *	257.760	17.14 *	258.210	80.82
31	257.950	42.23 *	257.750	18.01			257.720	13.18			258.020	55.50
Ten-Daily Mean												
I Ten-Daily	258.290	110.5	257.934	41.73	257.684	9.609	257.660	9.811	257.657	9.245	257.838	29.14
II Ten-Daily	258.004	53.36	257.790	22.10	257.663	9.257	257.730	20.09	257.694	13.88	257.959	45.73
III Ten-Daily	257.964	46.04	257.768	19.31	257.770	19.93	257.748	17.50	257.710	12.84	258.154	80.23
Monthly												
Min.	257.850	29.73	257.700	10.74	257.630	5.464	257.580	3.883	257.590	4.907	257.700	10.74
Max.	258.620	201.1	257.990	50.41	257.860	33.64	258.060	57.56	257.900	37.13	258.410	129.2
Mean	258.082	69.18	257.829	27.44	257.701	12.43	257.714	15.86	257.687	11.99	257.989	52.62

Peak Computed Discharge = 397.9 cumecs on 02/09/2017 Corres. Water Level :259.19 m

Lowest Computed Discharge = 4.907 cumecs on 15/04/2018 Corres. Water Level :257.6 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

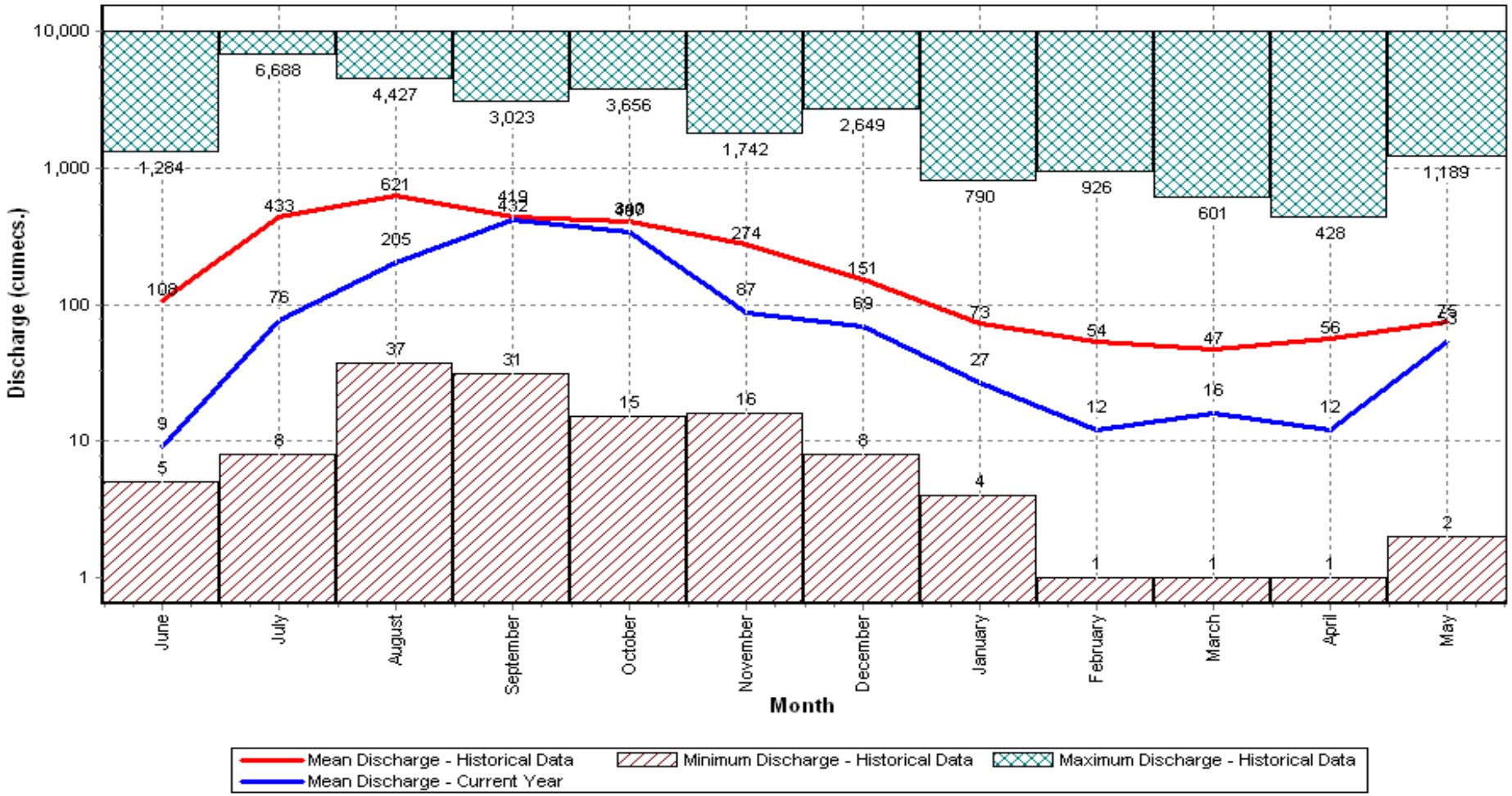
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Biligundulu (CC000N7) | **Data considered : 1972-2018** | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**



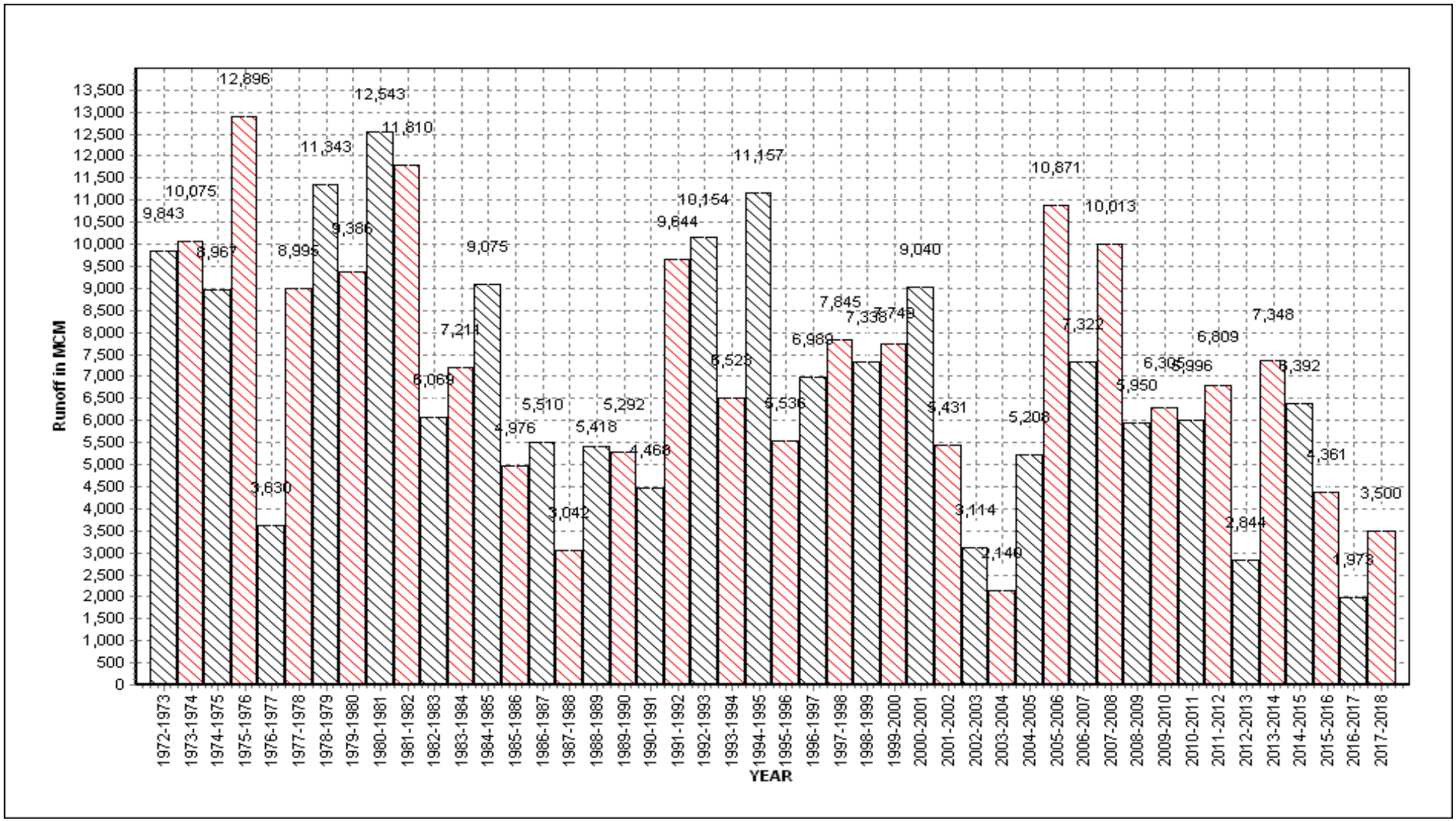
Annual Runoff Values for the period: 1972 - 2018

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

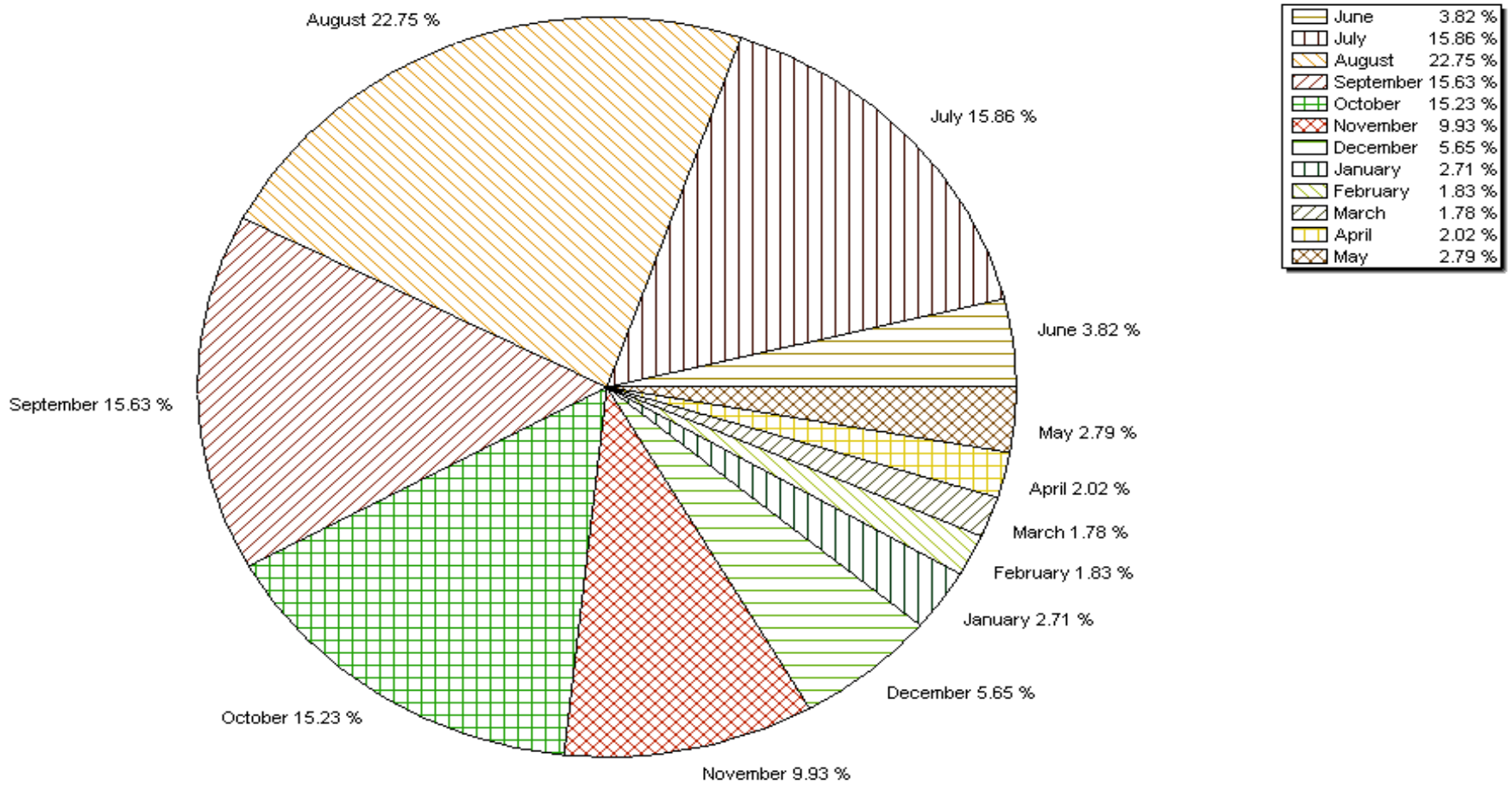
Monthly Average Runoff based on period : 1972-2017

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



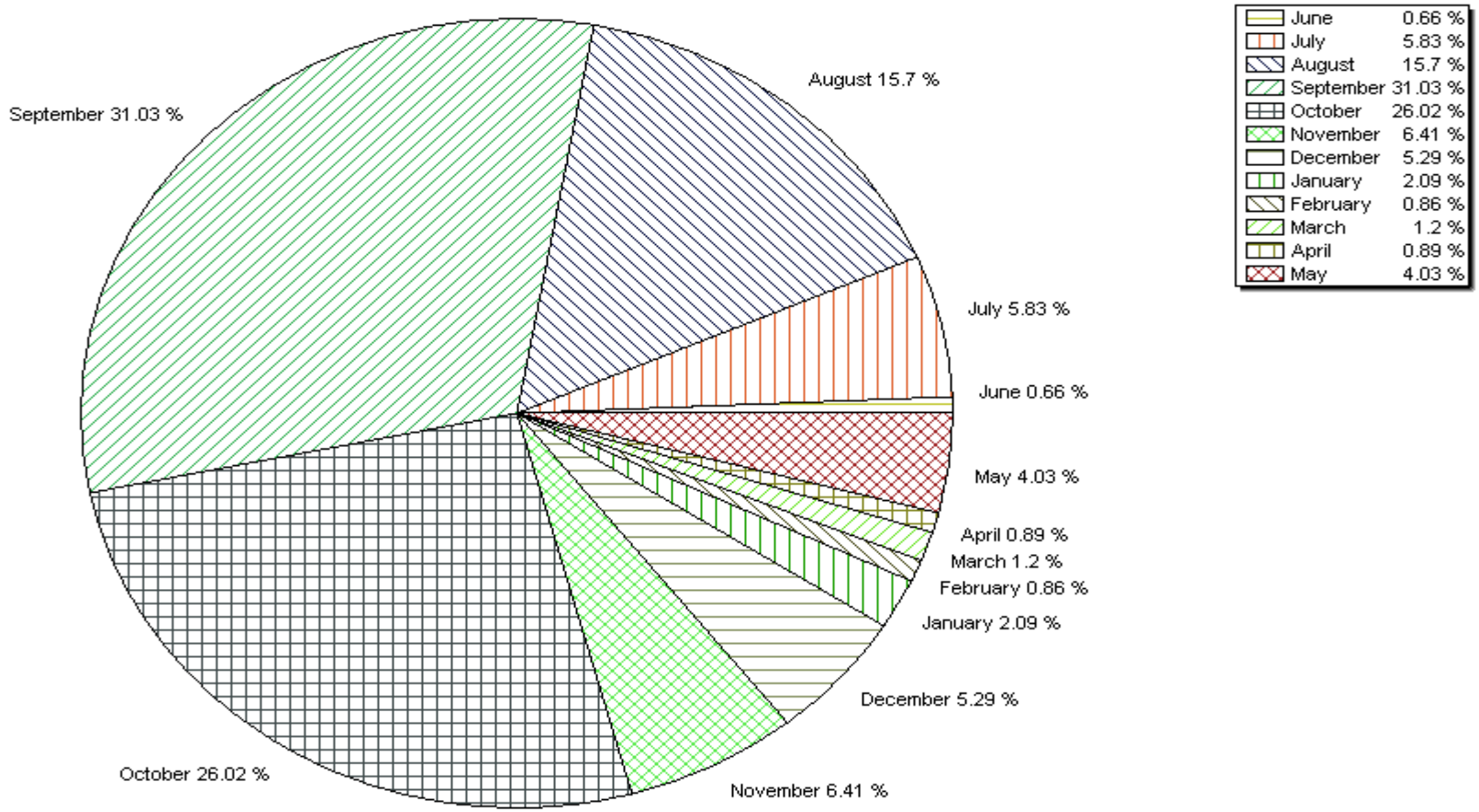
Monthly Runoff for the Year : 2017-2018

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

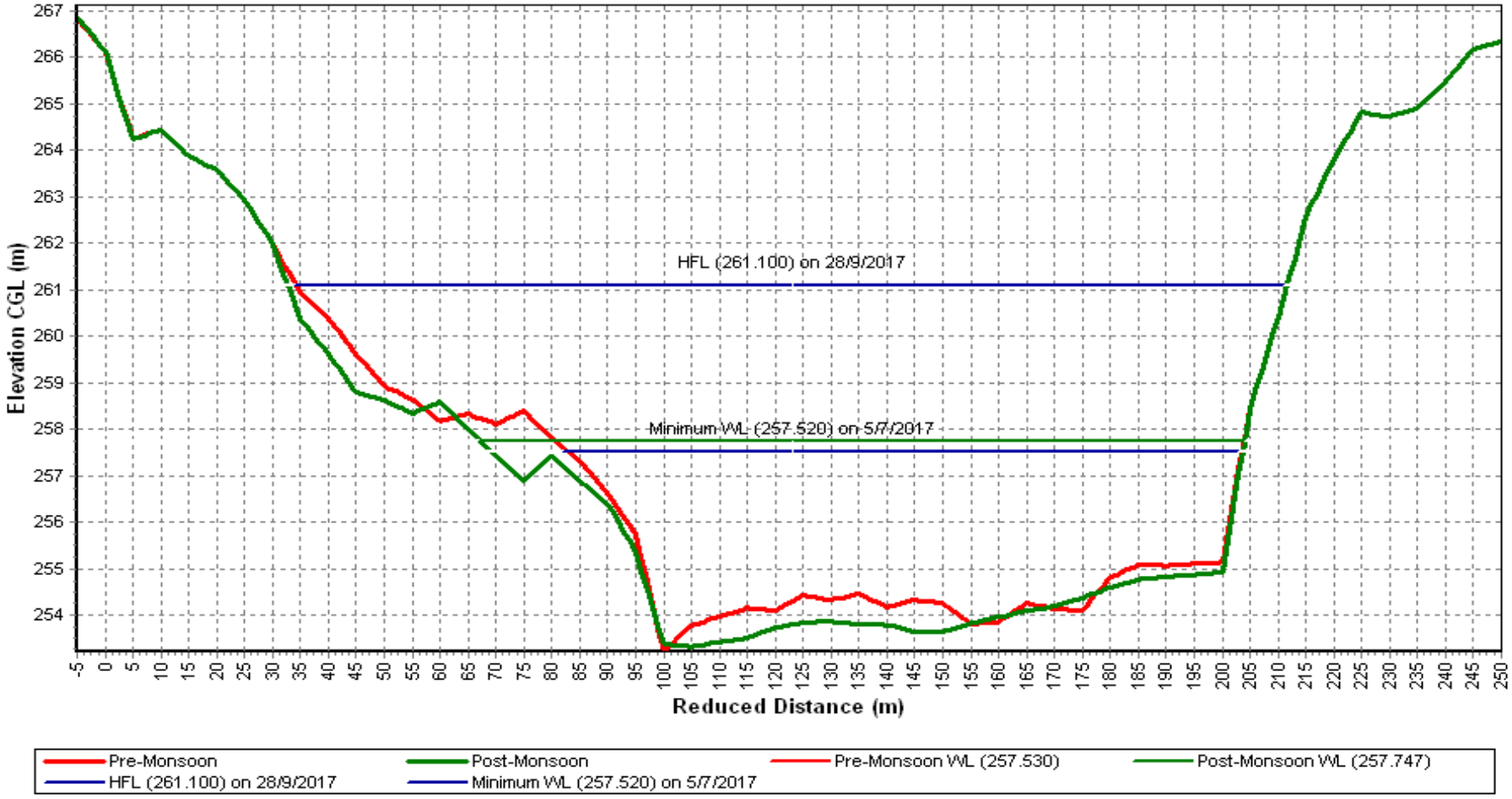
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

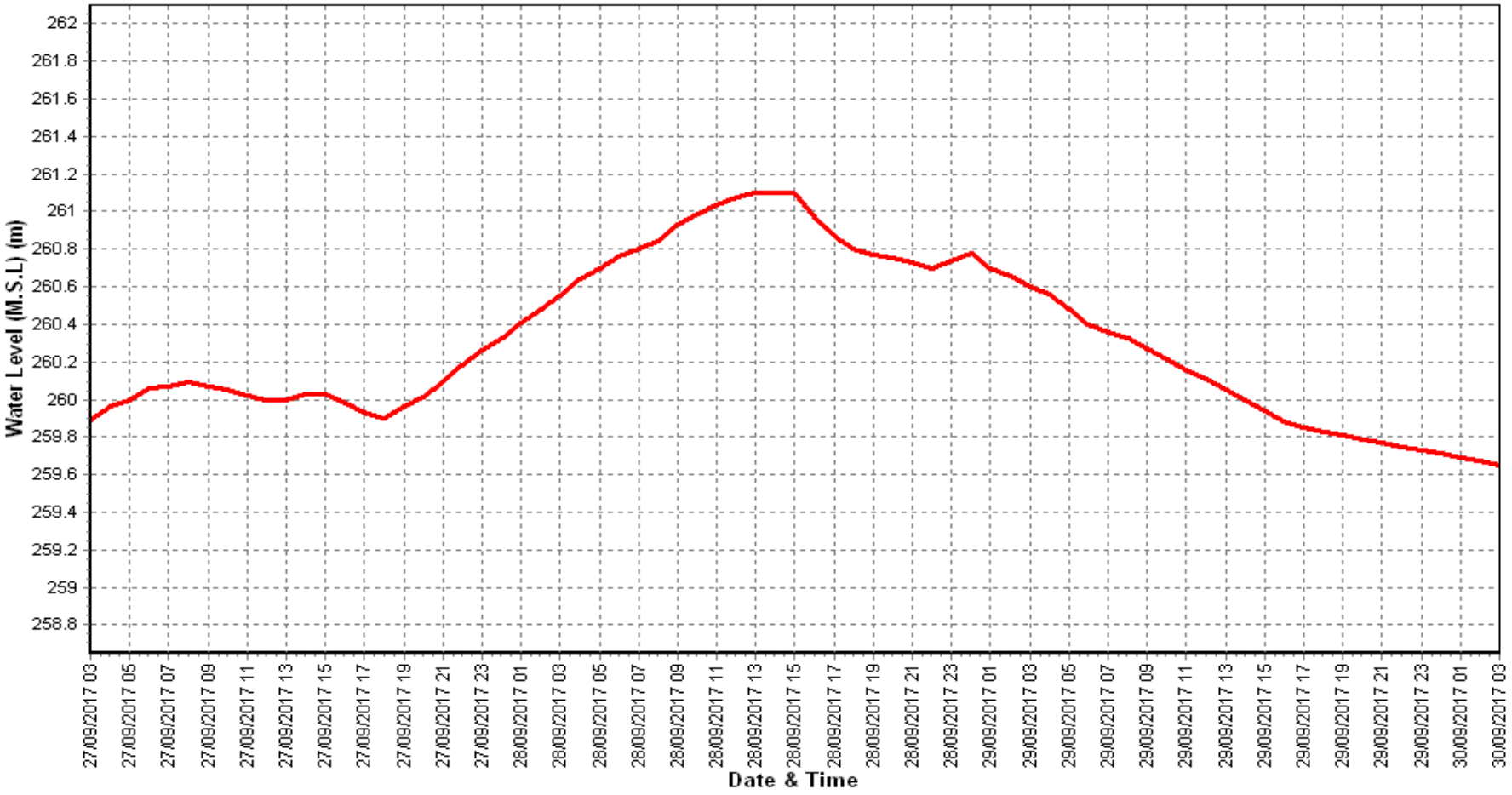
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

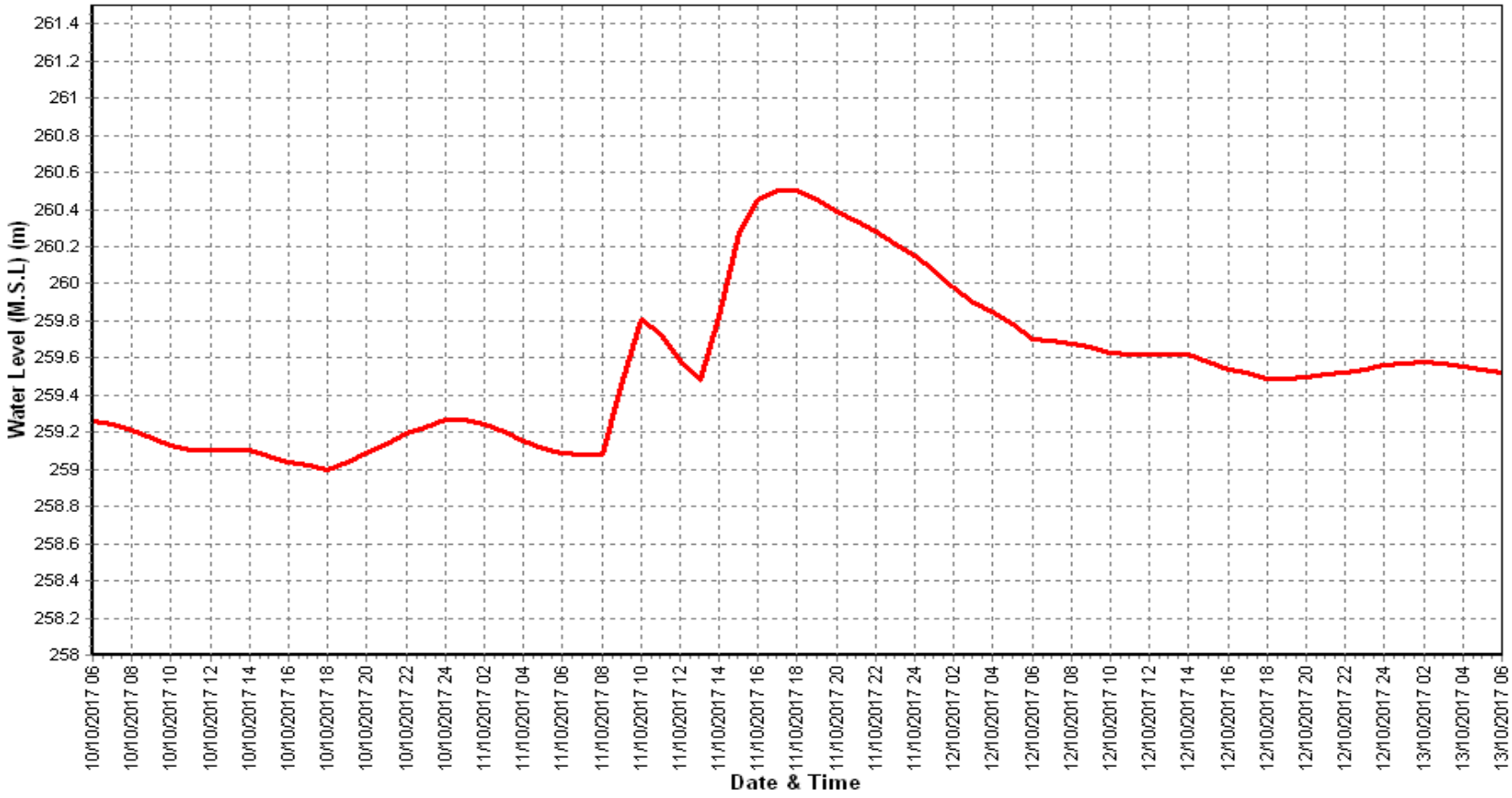


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

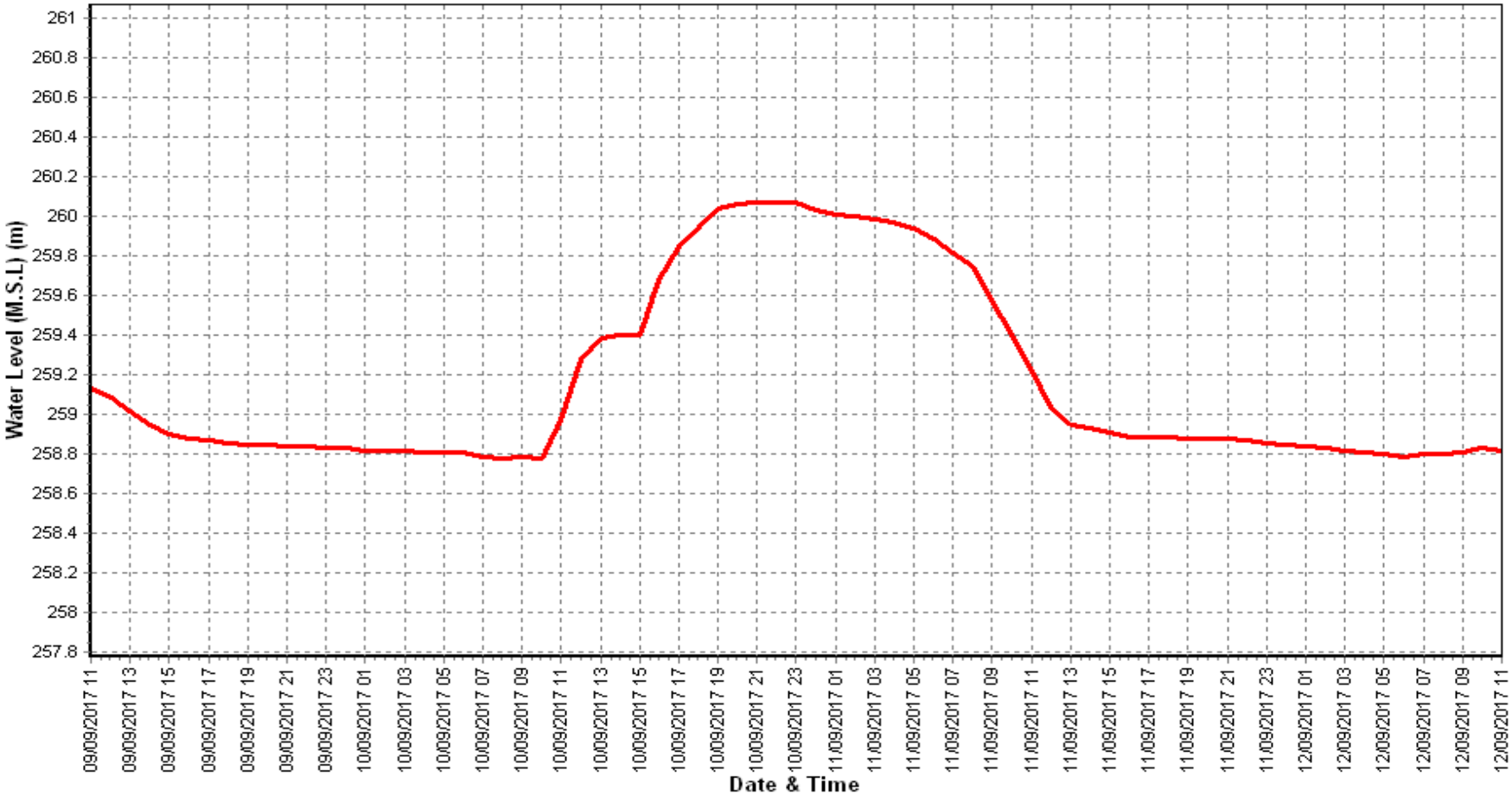


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**T. BEKUPPE**	**Code**	:	**T. BEKUPPE**
State	:	Karnataka	District		Ramanagaram
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Arkavathi	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Arkavathi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	3500 Sq. Km.	Bank	:	Left
Latitude	:	12°30'29"	Longitude	:	77°25'39"
Zero of Gauge (m)	:	604.000 (m.s.l) 600.000 (m.s.l)	11-11-2003 01-06-2005	-	31-05-2005
		Opening Date	Closing Date		
Gauge	:	11-11-2003			
Discharge	:	24-11-2003			
Sediment	:	26-03-2013			
Water Quality	:	01-12-2003			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2004-2005	424.7	606.700	12-07-2004	0.000	604.600	20-03-2005
2005-2006	DISCHARGE OBSERVATIONS SUSPENDED					
2006-2007	DISCHARGE OBSERVATIONS SUSPENDED					
2007-2008	11.83	604.820	21-10-2007	0.000	604.660	01-06-2007
2008-2009	164.5	606.500	28-08-2008	0.347	604.300	12-02-2009
2009-2010	147.2	606.500	20-09-2009	2.442	604.390	26-07-2009
2010-2011	58.06	605.520	08-11-2010	2.160	604.350	14-03-2011
2011-2012	60.03	605.500	13-10-2011	2.135	604.360	29-03-2012
2012-2013	27.66	605.000	24-05-2013	0.000	604.240	01-04-2013
2013-2014	88.16	605.700	01-06-2013	1.952	604.320	28-03-2014
2014-2015	21.34	605.080	12-10-2014	4.027	604.400	28-03-2015
2015-2016	30.36	605.750	08-09-2015	2.559	604.400	29-03-2016
2016-2017	37.13	606.200	28-05-2017	0.000	604.200	11-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	604.750	13.11	604.540	4.667	604.460	3.562	604.610	6.422	605.410	57.97 *	604.840	17.21
2	604.740	12.75	604.530	4.944 *	604.560	5.522	605.040	24.91 *	605.710	81.23 *	604.900	19.74
3	604.700	11.21	604.450	3.534	604.570	5.945	605.540	52.37	605.720	84.34	604.840	17.34
4	604.700	10.59 *	604.440	3.159	604.550	5.215	605.310	44.36	605.360	48.25	604.840	15.87 *
5	604.620	7.204	604.520	4.214	604.520	4.302	605.210	34.21	605.720	86.65	604.830	15.31 *
6	604.560	7.440	604.460	3.667	604.520	4.683 *	605.210	33.95	605.800	95.70	604.880	18.59
7	604.560	7.419	604.530	4.538	604.560	5.515	605.550	57.63	606.000	124.5	604.820	14.26
8	604.580	6.365 #	604.540	4.672	604.550	5.125	605.210	34.52	605.610	72.97 *	604.840	17.31
9	604.570	7.708	604.520	4.683 *	604.560	5.372	605.180	31.93	606.640	183.8	604.830	16.41
10	604.560	7.239	604.510	4.029	604.740	13.57	607.280	363.8 #	605.470	70.75	604.830	16.32
11	604.600	6.987 *	604.530	4.392	604.740	13.60	605.940	107.0	607.730	281.4	604.820	14.20
12	604.590	8.388	604.530	4.434	604.610	6.675	605.310	44.93	606.300	159.5	604.830	15.31 *
13	604.560	7.158	604.560	5.409	604.610	7.798 *	605.130	34.08	606.970	283.6	604.810	13.48
14	604.570	7.827	604.610	6.747	604.700	11.08	604.950	20.35 #	606.440	157.7 #	604.800	12.36
15	604.530	4.537	604.560	5.339	604.730	11.43 *	604.900	19.48	607.280	283.5 *	604.810	13.45
16	604.520	3.841	604.570	6.065 *	605.160	31.86 #	604.900	19.01	607.050	244.8 #	604.800	12.52
17	604.670	9.768	604.560	5.643	605.060	26.00 #	604.830	15.11 *	605.560	109.8	605.010	25.74
18	604.670	9.421 *	604.560	5.525	605.040	24.91 #	605.020	22.41	605.490	79.66 *	604.880	18.74
19	604.570	6.314	604.540	4.742	604.900	15.43	604.940	19.45	605.360	53.64	604.840	15.87 *
20	604.590	7.989	604.560	5.470	604.730	11.43 *	604.870	17.68	605.230	47.42	604.800	12.51
21	604.570	6.054	604.570	5.849	604.830	14.69	604.870	17.40	605.220	46.37	604.810	13.94
22	604.530	4.484	604.540	4.809	604.740	13.70	604.850	16.68	605.140	38.16 *	604.800	12.44
23	604.530	4.216	604.510	4.430 *	604.680	10.06	604.820	14.22	605.070	29.08	604.800	12.44
24	604.560	5.129	604.460	3.229	604.740	13.67	604.740	11.77 *	605.040	27.94	604.710	10.02
25	604.470	3.492 *	604.450	2.996	604.810	14.32 *	605.320	46.40	605.010	26.95	604.710	9.675
26	604.550	5.488 *	604.450	2.966	604.870	17.43	605.560	62.35	605.010	25.88	604.720	9.968 *
27	604.440	3.146	604.400	2.188	604.740	11.77 *	605.320	46.72	604.940	22.67	604.690	9.079
28	604.540	4.883	604.400	2.319	604.670	8.270	606.630	172.2	604.950	23.32	604.680	8.727
29	604.560	5.406	604.400	2.313	604.680	9.523	605.710	83.93	604.940	22.05 *	604.680	8.773
30	604.530	4.313	604.470	3.492 *	604.680	9.504	605.650	75.31	604.900	20.49	604.670	8.114
31			604.390	1.927	604.670	8.962			604.840	17.66		
Ten-Daily Mean												
I Ten-Daily	604.634	9.103	604.504	4.211	604.559	5.881	605.414	68.41	605.744	90.62	604.845	16.84
II Ten-Daily	604.587	7.223	604.558	5.377	604.828	16.02	605.079	31.95	606.341	170.1	604.840	15.42
III Ten-Daily	604.528	4.661	604.458	3.320	604.737	11.99	605.347	54.70	605.005	27.32	604.727	10.32
Monthly												
Min.	604.440	3.146	604.390	1.927	604.460	3.562	604.610	6.422	604.840	17.66	604.670	8.114
Max.	604.750	13.11	604.610	6.747	605.160	31.86	607.280	363.8	607.730	283.6	605.010	25.74
Mean	604.583	6.996	604.505	4.271	604.709	11.32	605.280	51.69	605.674	93.8	604.804	14.19

Annual Runoff in MCM = 568 Annual Runoff in mm = 162

Peak Observed Discharge = 363.8 cumecs on 10/09/2017 Corres. Water Level :607.28 m

Lowest Observed Discharge = 1.927 cumecs on 31/07/2017 Corres. Water Level :604.39 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	604.670	8.197	604.590	6.059	604.520	3.957	604.490	3.384	604.570	5.304 *	604.560	5.111
2	604.730	11.06 *	604.560	4.983	604.520	3.408	604.470	2.853	604.500	3.675	604.530	4.408
3	604.820	15.44 *	604.570	5.138	604.490	2.987	604.490	3.375	604.480	3.125	604.560	5.073
4	604.710	10.53	604.590	6.053	604.490	3.313 *	604.490	3.313 *	604.580	5.706	604.620	7.260
5	604.700	9.921	604.550	4.342	604.490	2.978	604.490	3.136	604.600	6.448	604.710	10.51
6	604.710	10.46	604.550	4.347	604.520	3.970	604.480	3.010	604.560	5.068	604.700	9.789 *
7	604.710	10.44	604.670	8.608 *	604.490	2.921	604.470	2.793	604.560	5.106	604.610	6.904
8	604.710	10.33	604.560	4.617	604.480	2.805	604.430	2.570	604.480	3.102 *	604.580	5.604
9	604.690	9.549	604.550	4.385	604.490	2.922	604.440	2.663	604.470	2.896	604.580	5.685
10	604.660	8.234 *	604.560	4.571	604.520	4.047	604.440	2.599	604.440	2.653	604.560	4.878
11	604.680	9.245	604.560	4.622	604.520	3.996 *	604.430	2.170 *	604.440	2.654	604.710	10.69
12	604.660	8.132	604.540	4.296	604.500	3.229	604.430	2.545	604.430	2.488	604.700	9.789 *
13	604.670	8.319	604.540	4.244	604.570	5.037	604.440	2.607	604.440	2.717	604.710	10.20 *
14	604.650	7.796	604.550	4.753 *	604.560	4.671	604.430	2.523	604.480	3.002	604.720	11.71
15	604.650	7.654	604.640	7.518 *	604.540	4.531	604.450	2.758	604.430	2.170 *	604.710	10.78
16	604.640	6.868	604.560	4.660	604.490	2.912	604.490	3.389	604.430	2.519	604.720	11.77
17	604.620	6.838 *	604.570	5.065	604.490	2.713	604.500	3.526	604.430	2.575	604.720	11.65
18	604.580	5.592	604.540	4.256	604.520	3.996 *	604.500	3.532 *	604.560	5.081	604.710	10.68
19	604.570	5.158	604.560	4.695	604.500	3.641	604.580	5.693	604.500	3.729	604.700	9.874
20	604.570	5.094	604.520	4.000	604.490	3.080	604.570	5.133	604.490	3.503	604.700	9.789 *
21	604.590	6.585	604.520	3.996 *	604.500	3.509	604.500	3.630	604.520	4.054	604.710	10.84
22	604.600	6.894	604.560	4.329	604.480	2.707	604.570	5.376	604.570	5.304 *	604.720	11.17
23	604.640	7.578	604.520	4.086	604.490	3.009	604.570	5.304	604.600	6.435	604.710	10.43
24	604.620	6.838 *	604.540	4.297	604.480	2.813	604.560	4.978	604.560	5.047	604.670	8.595
25	604.580	5.593 *	604.520	3.963	604.490	3.313 *	604.480	3.102 *	604.600	6.667	604.700	9.871
26	604.560	4.675	604.520	3.996 *	604.480	2.788	604.500	3.761	604.610	6.972	604.710	10.47
27	604.570	5.033	604.560	4.641	604.500	3.525	604.490	3.285	604.620	7.309	604.720	10.63 *
28	604.570	5.062	604.520	3.996 *	604.470	2.907	604.470	2.974	604.590	6.139	604.720	11.12
29	604.560	4.726	604.490	2.924			604.480	3.102 *	604.570	5.304 *	604.710	10.59
30	604.570	5.039	604.500	3.238			604.430	2.170 *	604.560	5.024 *	604.700	9.819
31	604.640	7.518 *	604.540	4.558			604.470	2.941			604.670	8.828
Ten-Daily Mean												
I Ten-Daily	604.711	10.42	604.575	5.310	604.501	3.331	604.469	2.970	604.524	4.308	604.601	6.522
II Ten-Daily	604.629	7.070	604.558	4.811	604.518	3.781	604.482	3.388	604.463	3.044	604.710	10.69
III Ten-Daily	604.591	5.958	604.526	4.002	604.486	3.071	604.502	3.693	604.580	5.826	604.704	10.21
Monthly												
Min.	604.560	4.675	604.490	2.924	604.470	2.707	604.430	2.170	604.430	2.170	604.530	4.408
Max.	604.820	15.44	604.670	8.608	604.570	5.037	604.580	5.693	604.620	7.309	604.720	11.77
Mean	604.642	7.755	604.552	4.685	604.503	3.417	604.485	3.361	604.522	4.393	604.673	9.178

Peak Computed Discharge = 283.5 cumecs on 15/10/2017 Corres. Water Level :607.28 m

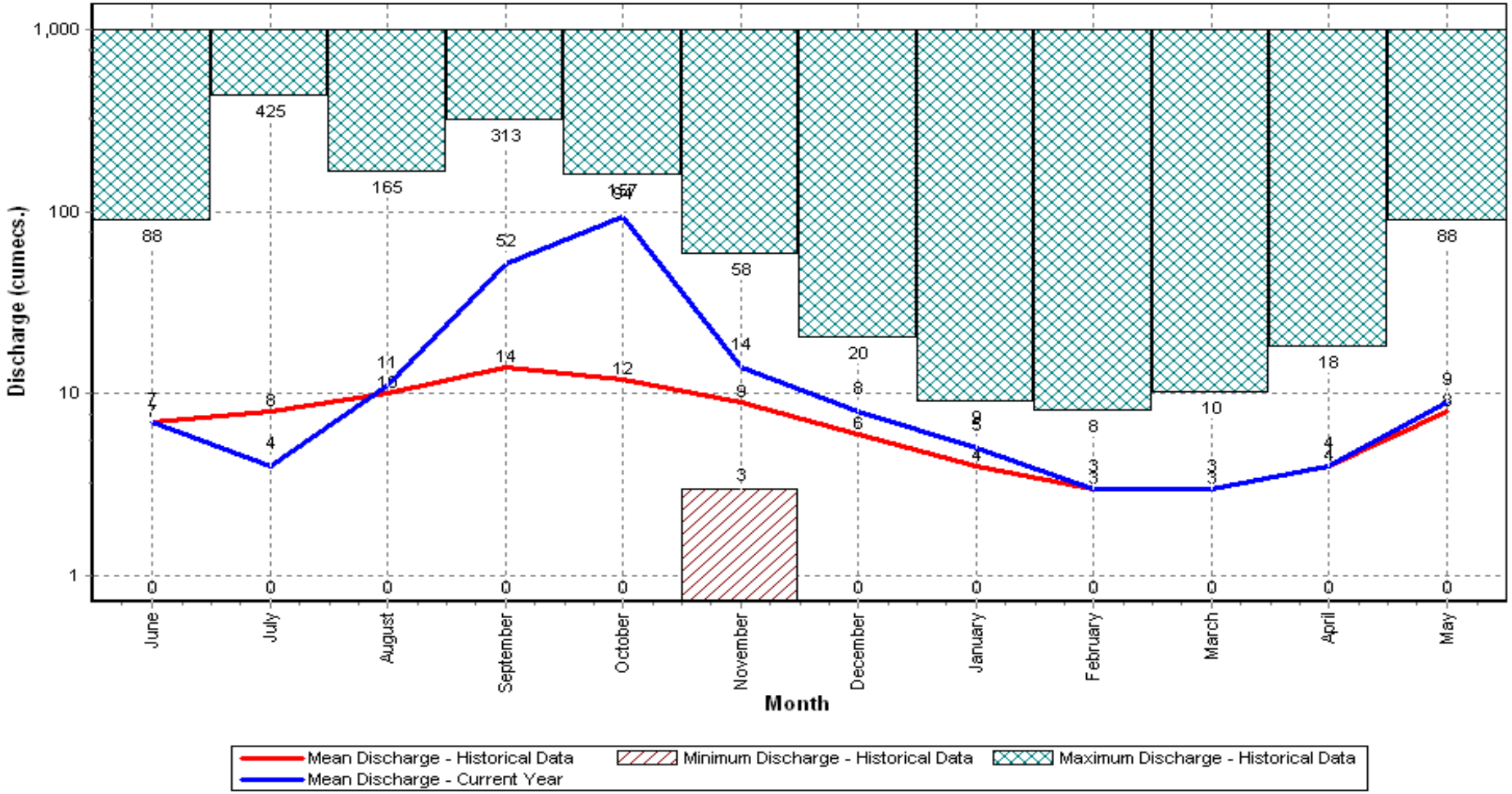
Lowest Computed Discharge = 2.170 cumecs on 11/03/2018 Corres. Water Level :604.43 m

Q:Observed/Computed Discharge in cumecs
WL:Corresponding Mean Water Level(m.s.l) in m
*:Computed Discharge
#:Discarded Discharge (values changed as per rating curve)
Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) | **Data considered : 2004-2018** | **Division : Cauvery Division, Bangalore**

Local River : Arkavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



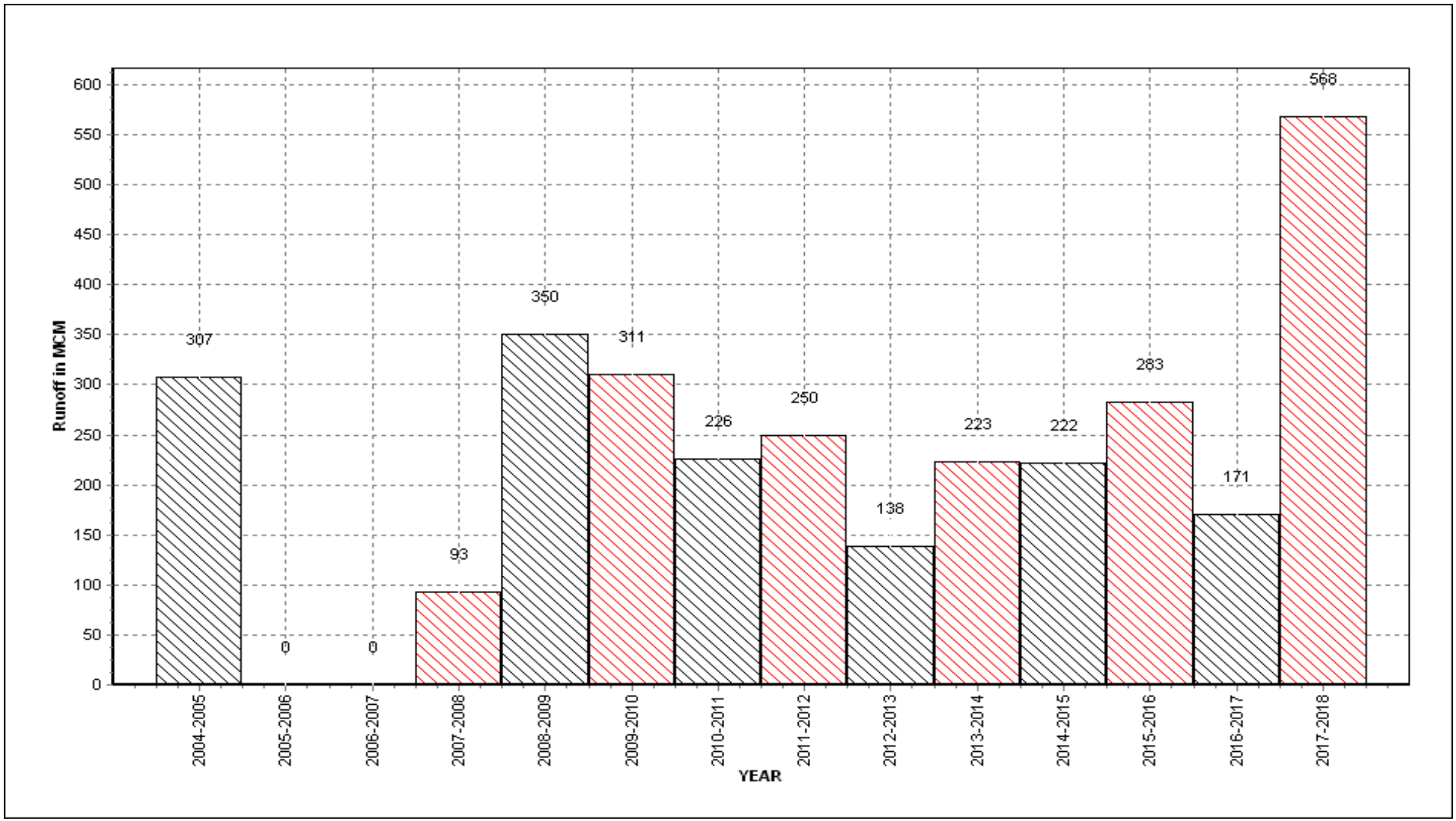
Annual Runoff Values for the period: 2004 - 2018

Station Name : T. Bekuppe (T. BEKUPPE)

Division : Cauvery Division, Bangalore

Local River : Arkavathi

Sub-Division : Upper Cauvery SD, Bangalore

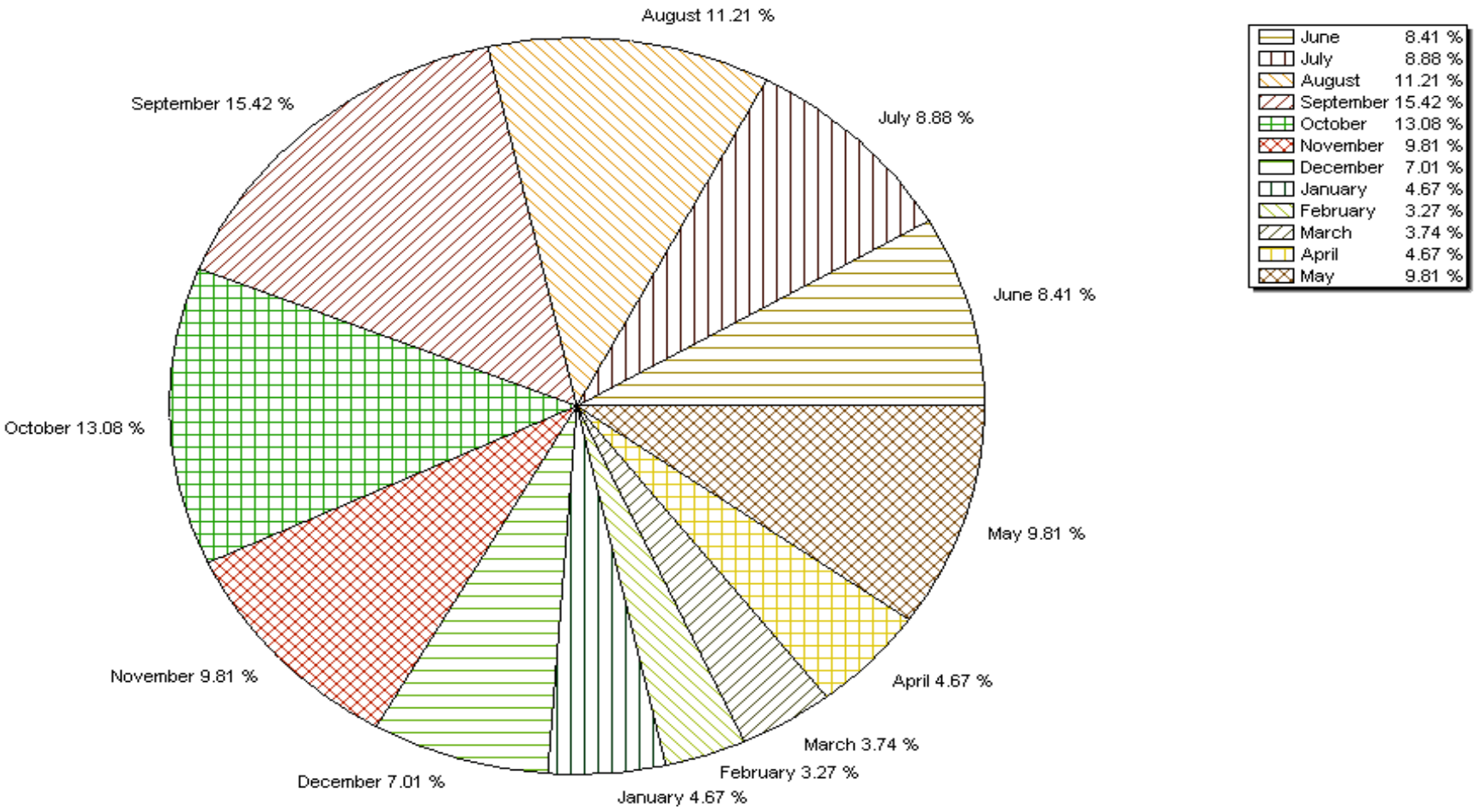


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2004-2017

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

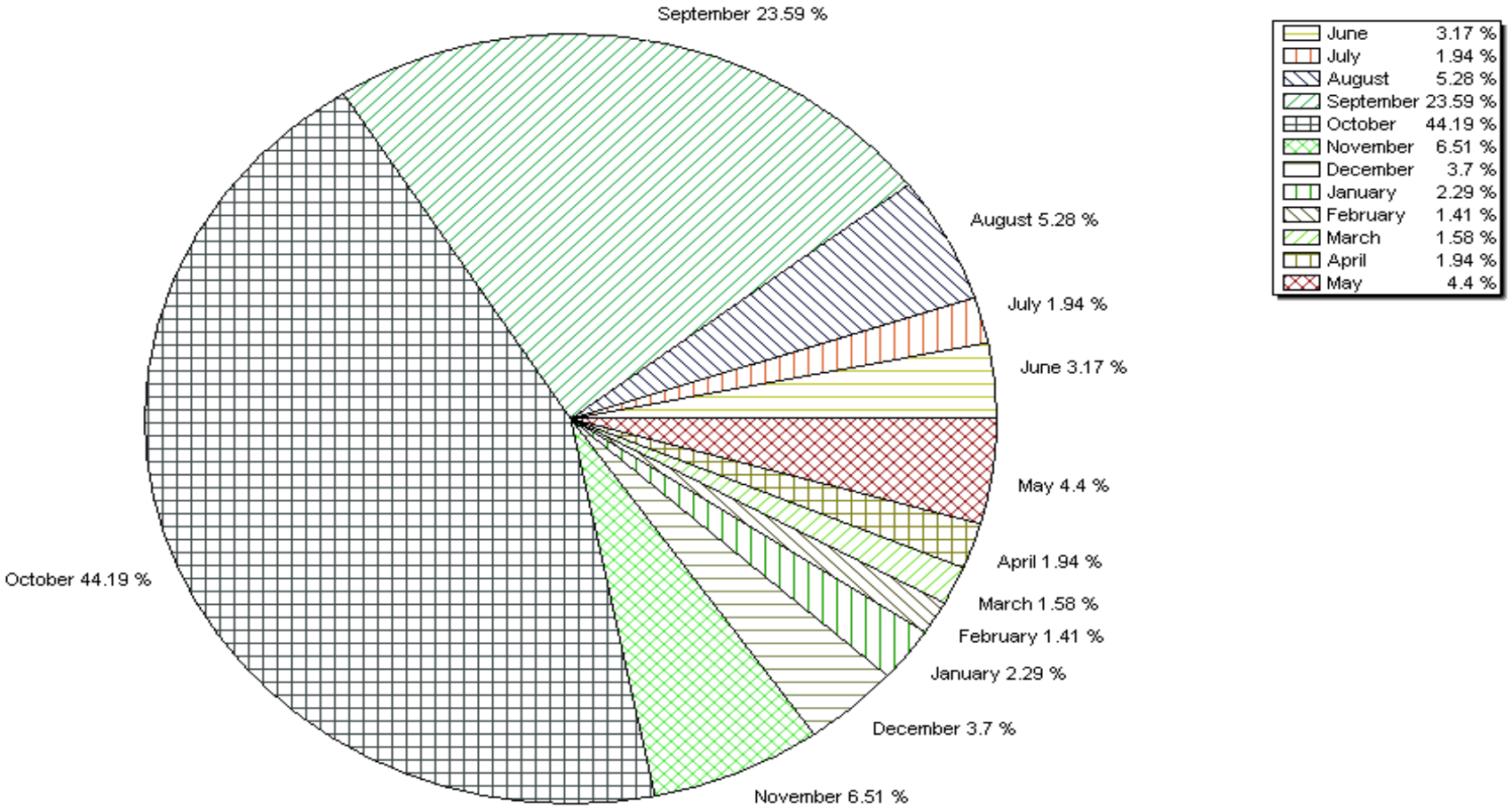
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

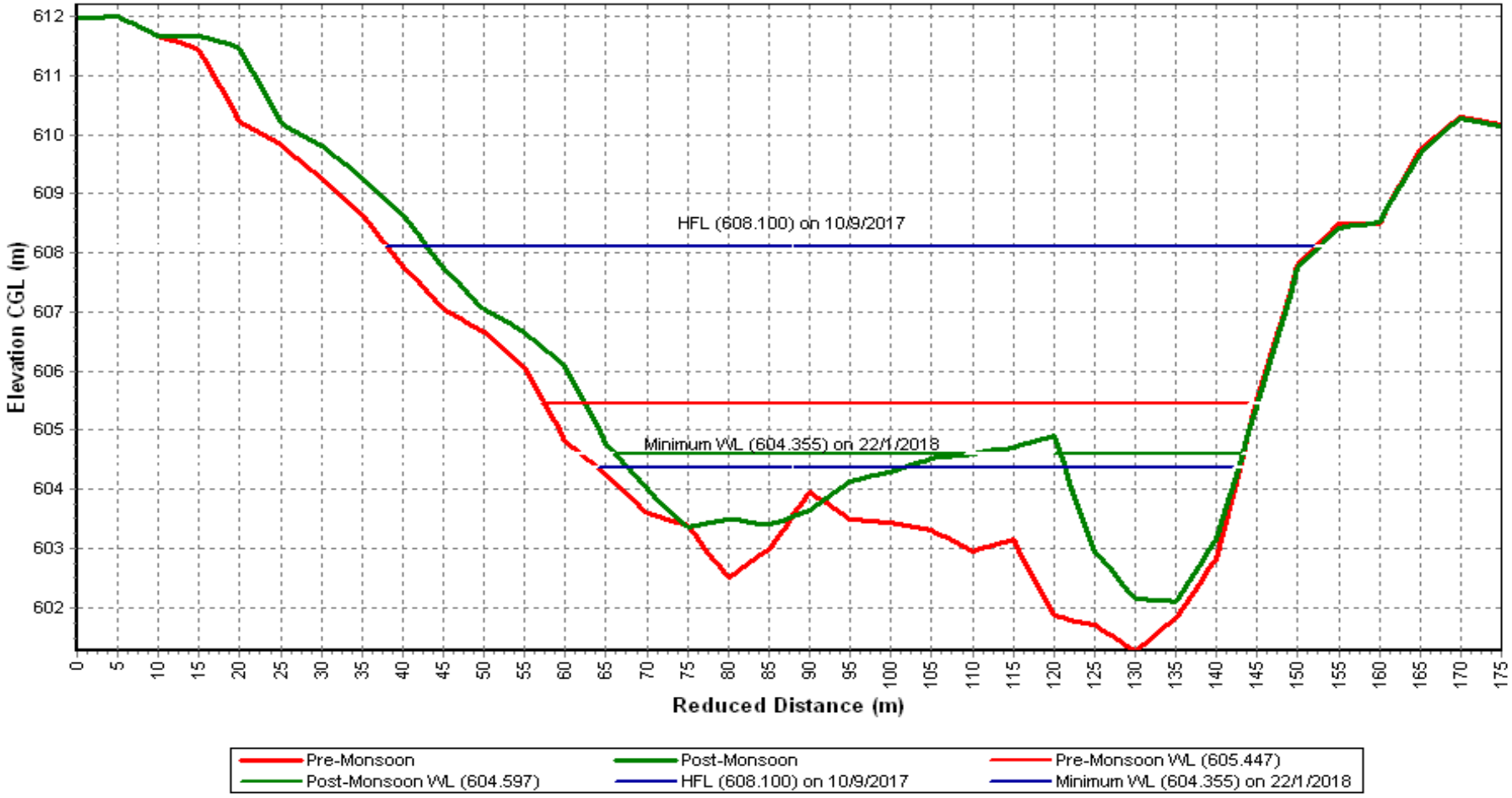
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

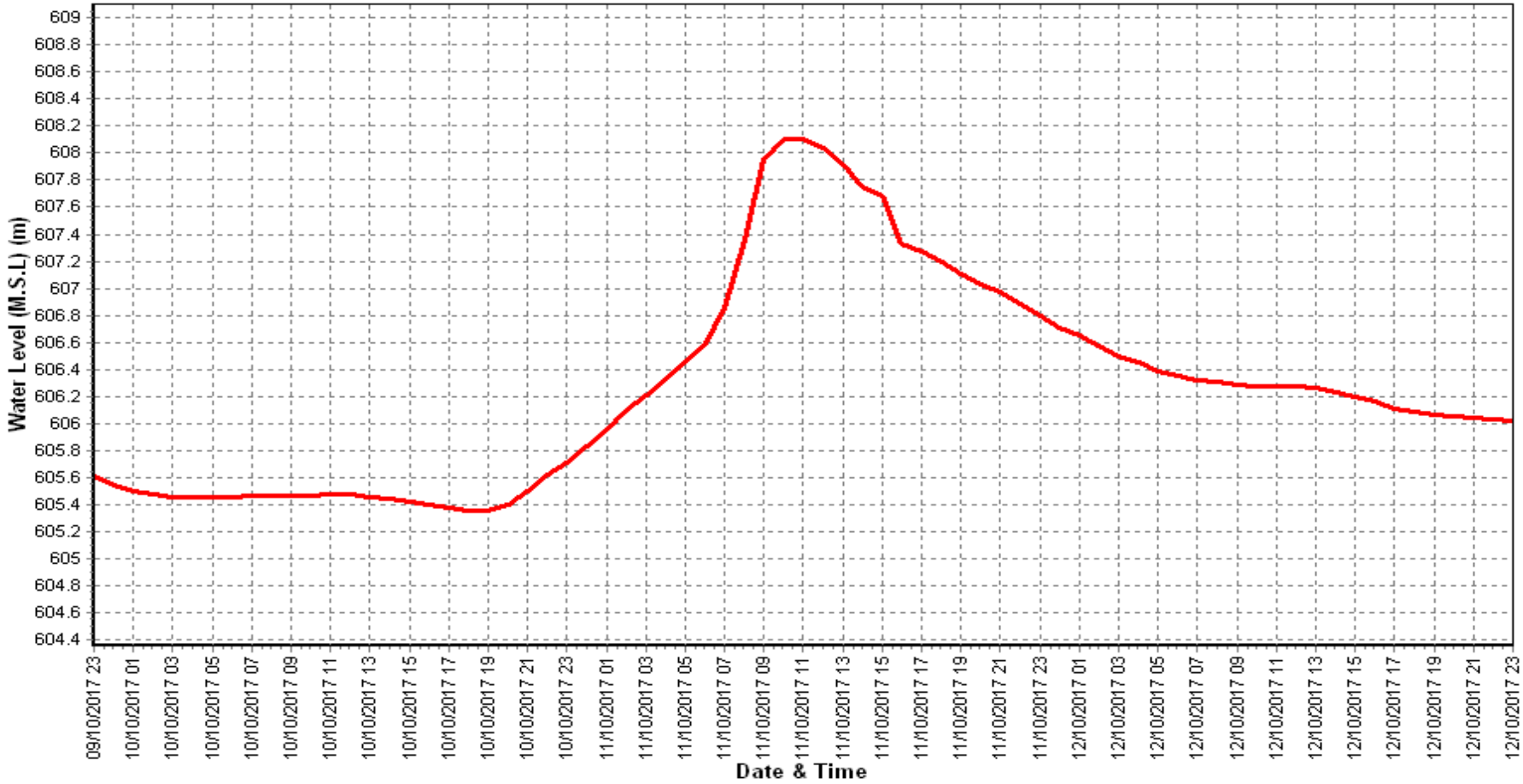
Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

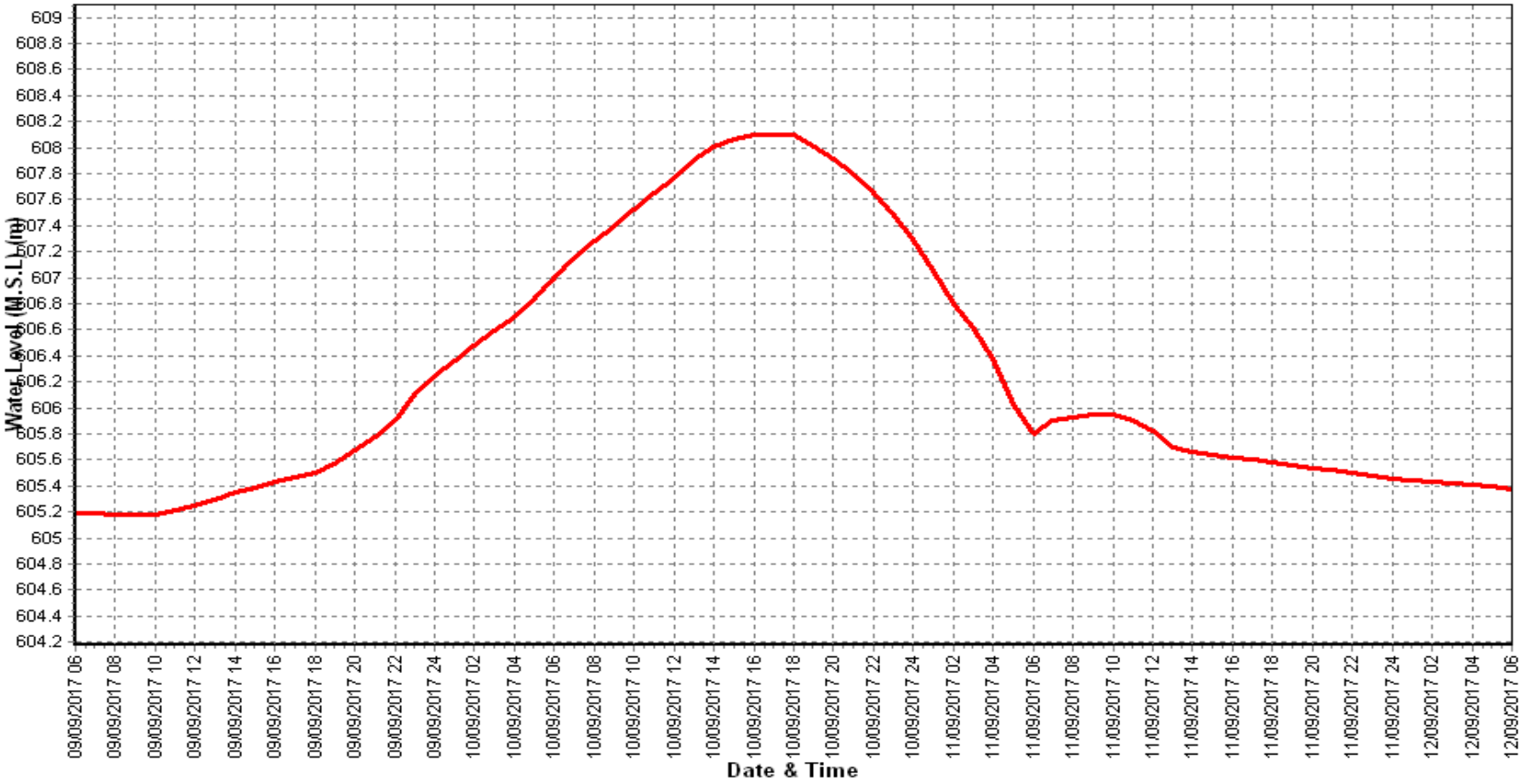


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

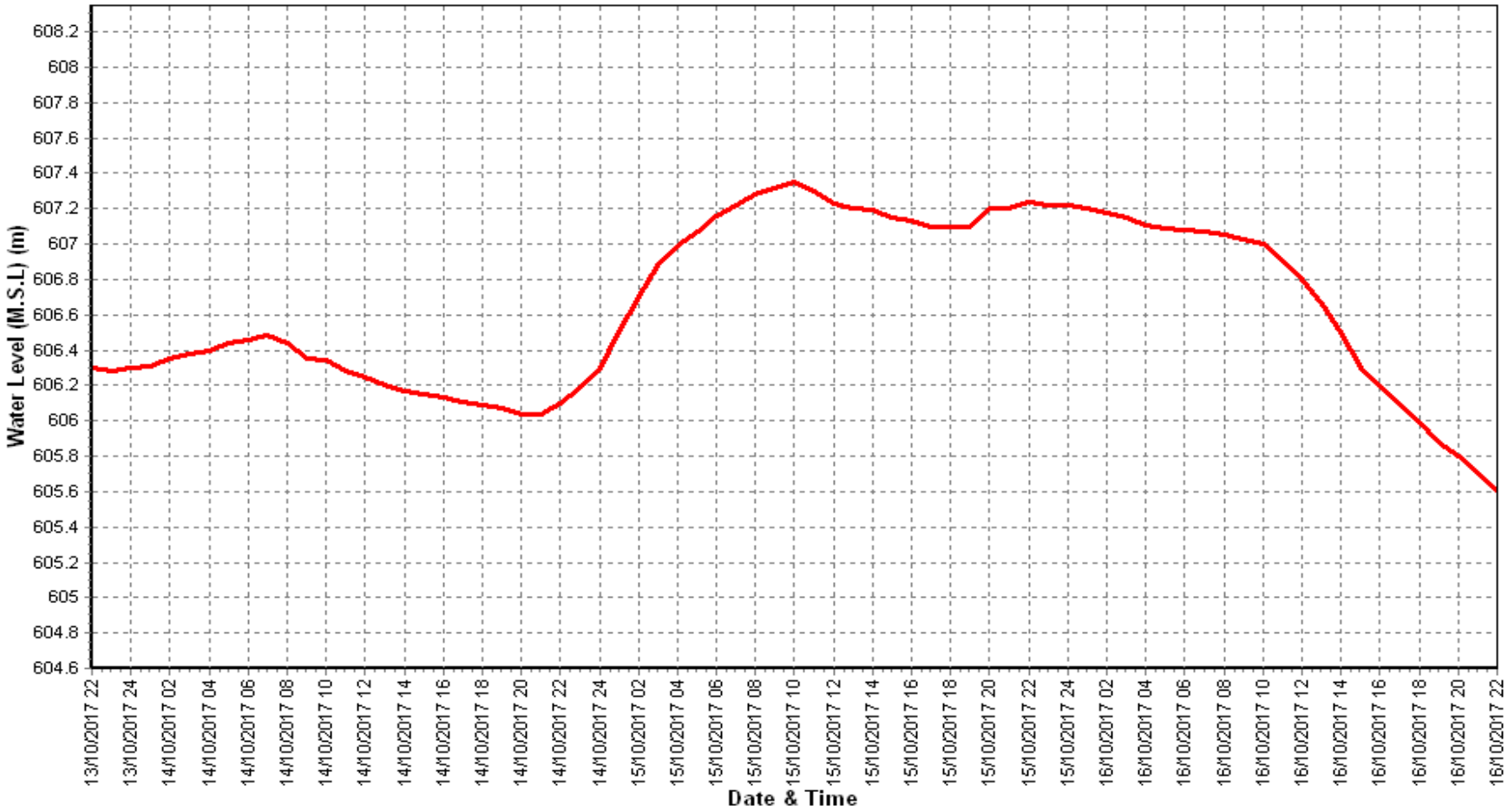


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**:**	**T.K.Halli**	**Code**	**:**	**CCM00B9**
State	:	Karnataka	District		Mandya
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Shimsa	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Shimsa
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	7890 Sq. Km.	Bank	:	Left
Latitude	:	12°25'00"	Longitude	:	77°11'33"
Zero of Gauge (m)	:	580.000 (m.s.l)	12-06-1978		
		Opening Date	Closing Date		
Gauge	:	12-06-1978			
Discharge	:	12-06-1978			
Sediment	:	01-06-1985			
Water Quality	:	02-06-1979			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1979-1980	377.1	583.950	29-10-1979	1.500	581.125	08-03-1980
1980-1981	199.0	583.290	22-09-1980	2.000	581.185	12-04-1981
1981-1982	711.5	585.150	13-09-1981	1.600	581.230	13-03-1982
1982-1983	114.9	582.772	21-09-1982	0.000	581.030	27-04-1983
1983-1984	979.9	585.605	12-09-1983	0.200	581.045	05-06-1983
1984-1985	1219	585.925	03-10-1984	1.800	581.130	14-03-1985
1985-1986	176.5	583.100	25-09-1985	0.000	581.020	06-03-1986
1986-1987	614.4	584.458	08-10-1986	0.000	Dry Bed	02-04-1987
1987-1988	415.0	584.015	09-10-1987	0.000	581.035	17-04-1988
1988-1989	971.2	585.220	15-09-1988	0.000	Dry Bed	05-03-1989
1989-1990	482.2	584.213	21-10-1989	0.000	581.060	27-02-1990
1990-1991	76.50	582.310	25-10-1990	0.000	581.015	02-04-1991
1991-1992	515.4	584.538	30-10-1991	0.000	581.048	21-04-1992
1992-1993	222.0	583.324	06-10-1992	0.631	581.132	09-04-1993
1993-1994	256.1	583.591	08-10-1993	2.224	581.180	20-07-1993
1994-1995	207.4	583.425	13-10-1994	0.971	581.135	29-03-1995
1995-1996	151.0	583.160	02-10-1995	1.000	581.005	24-03-1996
1996-1997	929.1	585.070	19-10-1996	0.000	Dry Bed	22-04-1997
1997-1998	398.0	583.960	28-11-1997	0.000	Dry Bed	01-06-1997

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1998-1999	525.0	584.560	25-09-1998	0.000	580.705	01-04-1999
1999-2000	548.2	585.280	26-10-1999	0.900	580.705	15-07-1999
2000-2001	558.8	585.665	09-10-2000	0.000	Dry Bed	05-03-2001
2001-2002	432.6	584.600	26-10-2001	0.000	Dry Bed	03-09-2001
2002-2003	139.0	582.635	11-10-2002	0.000	Dry Bed	03-06-2002
2003-2004	173.4	582.800	21-10-2003	0.000	Dry Bed	01-06-2003
2004-2005	277.5	583.760	16-10-2004	0.000	Dry Bed	01-06-2004
2005-2006	492.1	585.150	24-10-2005	0.000	580.540	01-06-2005
2006-2007	247.6	583.075	07-11-2006	0.000	Dry Bed	12-03-2007
2007-2008	206.1	582.990	25-08-2007	0.000	580.500	01-06-2007
2008-2009	277.0	583.740	31-08-2008	0.029	580.520	04-05-2009
2009-2010	946.2	585.080	20-09-2009	0.716	580.460	29-07-2009
2010-2011	300.0	583.555	08-11-2010	0.778	580.550	19-02-2011
2011-2012	243.3	583.410	04-11-2011	0.000	580.620	18-03-2012
2012-2013	158.3	582.820	02-11-2012	0.000	580.660	10-06-2012
2013-2014	173.9	583.225	10-09-2013	0.000	580.480	01-06-2013
2014-2015	186.7	583.565	25-09-2014	0.000	580.700	14-06-2014
2015-2016	449.2	585.220	05-11-2015	0.000	580.700	01-07-2015
2016-2017	51.24	582.050	15-10-2016	0.000	580.770	17-05-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct			Nov		
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q		W.L	Q	
1	580.780	0.000	580.770	0.000	580.855	0.000	580.850	0.000	582.050	40.20	*	581.260	10.25	#
2	580.790	0.000	580.760	0.000	580.800	0.000	580.875	0.000	581.770	26.86	*	581.300	11.22	#
3	580.780	0.000	580.780	0.000	580.790	0.000	580.875	0.000	581.650	24.67		581.217	7.670	
4	580.800	0.000	580.795	0.000	580.830	0.000	580.930	0.000	581.395	14.31		581.300	11.22	*
5	580.770	0.000	580.800	0.000	580.800	0.000	580.920	0.000	581.300	11.22	#	581.300	11.22	*
6	580.780	0.000	580.800	0.000	580.785	0.000	580.900	0.000	583.160	147.4		581.410	14.17	#
7	580.790	0.000	580.790	0.000	580.870	0.000	580.850	0.000	582.810	104.9		581.572	15.95	
8	580.780	0.000	580.795	0.000	580.850	0.000	580.870	0.000	582.600	76.27	*	581.850	26.22	
9	580.810	0.000	580.780	0.000	580.860	0.000	580.840	0.000	582.350	58.56		582.180	48.51	
10	580.800	0.000	580.760	0.000	580.870	0.000	580.950	0.000	582.200	39.84		581.895	28.45	
11	580.780	0.000	580.800	0.000	580.850	0.000	580.920	0.000	582.075	48.83		581.535	16.33	
12	580.790	0.000	580.790	0.000	580.835	0.000	581.805	28.35	#	582.450	63.54		581.150	7.836	*
13	580.800	0.000	580.780	0.000	580.860	0.000	581.360	13.32		581.975	40.03		581.205	7.370	
14	580.810	0.000	580.790	0.000	580.860	0.000	580.960	0.000		581.895	35.84		580.852	3.740	
15	580.800	0.000	580.810	0.000	580.860	0.000	580.810	0.000		581.690	23.62	*	580.740	2.010	
16	580.800	0.000	580.820	0.000	580.950	0.000	580.840	0.000		582.750	101.5		580.705	1.710	
17	580.800	0.000	580.820	0.000	580.900	0.000	580.810	0.000		582.340	50.94		580.690	1.710	
18	580.770	0.000	580.830	0.000	580.920	0.000	580.800	0.000		581.900	32.66	*	580.620	0.000	
19	580.770	0.000	580.830	0.000	580.890	0.000	580.740	0.000		581.640	21.72	#	580.600	0.000	
20	580.770	0.000	580.830	0.000	580.880	0.000	580.780	0.000		581.395	14.67		580.635	0.000	
21	580.780	0.000	580.840	0.000	580.830	0.000	580.770	0.000		581.290	11.05		580.560	0.000	
22	580.780	0.000	580.840	0.000	580.845	0.000	580.785	0.000		581.070	6.319	*	580.550	0.000	
23	580.790	0.000	580.820	0.000	580.860	0.000	580.755	0.000		580.865	3.430		580.520	0.000	
24	580.790	0.000	580.805	0.000	580.865	0.000	580.745	0.000		580.740	0.000		580.540	0.000	
25	580.800	0.000	580.815	0.000	580.840	0.000	580.840	0.000		580.840	0.000		580.530	0.000	
26	580.790	0.000	580.805	0.000	580.850	0.000	580.960	0.000		580.630	0.000		580.585	0.000	
27	580.780	0.000	580.815	0.000	580.855	0.000	583.020	115.2		580.730	0.000		580.545	0.000	
28	580.800	0.000	580.810	0.000	580.830	0.000	584.700	359.1	*	580.825	0.000		580.540	0.000	
29	580.770	0.000	580.840	0.000	580.810	0.000	583.700	193.2	*	580.940	4.256	*	580.530	0.000	
30	580.770	0.000	580.840	0.000	580.810	0.000	582.415	60.79		581.365	11.97		580.520	0.000	
31			580.855	0.000	580.870	0.000				581.270	10.49	#			
Ten-Daily Mean														
I Ten-Daily	580.788	0.000	580.783	0.000	580.831	0.000	580.886	0.000		582.129	54.42		581.528	18.49	
II Ten-Daily	580.789	0.000	580.810	0.000	580.880	0.000	580.983	4.167		582.011	43.33		580.873	4.071	
III Ten-Daily	580.785	0.000	580.826	0.000	580.842	0.000	581.869	72.83		580.960	4.320		580.542	0.000	
Monthly														
Min.	580.770	0.000	580.760	0.000	580.785	0.000	580.740	0.000		580.630	0.000		580.520	0.000	
Max.	580.810	0.000	580.855	0.000	580.950	0.000	584.700	359.1		583.160	147.4		582.180	48.51	
Mean	580.787	0	580.807	0	580.851	0	581.246	25.66		581.676	33.07		580.981	7.52	

Annual Runoff in MCM = 183 Annual Runoff in mm = 23

Peak Observed Discharge = 147.4 cumecs on 06/10/2017 Corres. Water Level :583.16 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :580.78 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	580.495	0.000	580.580	0.000	580.585	0.000	580.510	0.000	580.500	0.000	580.590	0.000
2	580.510	0.000	580.540	0.000	580.590	0.000	580.520	0.000	580.520	0.000	580.620	0.000
3	581.650	17.61 *	580.520	0.000	580.600	0.000	580.530	0.000	580.520	0.000	580.580	0.000
4	581.645	20.31	580.540	0.000	580.610	0.000	580.520	0.000	580.560	0.000	580.600	0.000
5	581.505	14.44	580.530	0.000	580.620	0.000	580.540	0.000	580.550	0.000	580.610	0.000
6	581.480	12.17	580.540	0.000	580.620	0.000	580.530	0.000	580.580	0.000	580.640	0.000
7	581.500	12.79	580.590	0.000	580.680	0.000	580.450	0.000	580.560	0.000	580.600	0.000
8	581.350	8.070	580.590	0.000	580.590	0.000	580.430	0.000	580.560	0.000	580.580	0.000
9	581.325	6.740	580.590	0.000	580.590	0.000	580.400	0.000	580.540	0.000	580.630	0.000
10	581.140	4.869 *	580.550	0.000	580.600	0.000	580.430	0.000	580.580	0.000	580.600	0.000
11	580.960	2.330	580.530	0.000	580.590	0.000	580.440	0.000	580.600	0.000	580.630	0.000
12	580.740	0.000	580.520	0.000	580.580	0.000	580.420	0.000	580.590	0.000	580.590	0.000
13	580.680	0.000	580.530	0.000	580.600	0.000	580.400	0.000	580.560	0.000	580.630	0.000
14	580.900	2.160	580.580	0.000	580.540	0.000	580.400	0.000	580.580	0.000	580.670	0.000
15	580.650	0.000	580.545	0.000	580.560	0.000	580.470	0.000	580.580	0.000	580.630	0.000
16	580.650	0.000	580.540	0.000	580.590	0.000	580.410	0.000	580.580	0.000	580.720	0.000
17	580.630	0.000	580.480	0.000	580.590	0.000	580.530	0.000	580.620	0.000	580.700	0.000
18	580.600	0.000	580.540	0.000	580.520	0.000	580.550	0.000	580.600	0.000	580.610	0.000
19	580.580	0.000	580.480	0.000	580.510	0.000	580.580	0.000	580.590	0.000	580.540	0.000
20	580.540	0.000	580.560	0.000	580.520	0.000	580.510	0.000	580.580	0.000	580.560	0.000
21	580.540	0.000	580.540	0.000	580.550	0.000	580.480	0.000	580.620	0.000	580.570	0.000
22	580.560	0.000	580.540	0.000	580.540	0.000	580.520	0.000	580.630	0.000	580.600	0.000
23	580.720	0.000	580.500	0.000	580.550	0.000	580.510	0.000	580.630	0.000	580.620	0.000
24	580.570	0.000	580.500	0.000	580.560	0.000	580.520	0.000	580.620	0.000	580.650	0.000
25	580.600	0.000	580.490	0.000	580.550	0.000	580.540	0.000	580.640	0.000	580.600	0.000
26	580.585	0.000	580.480	0.000	580.570	0.000	580.480	0.000	580.620	0.000	580.660	0.000
27	580.580	0.000	580.490	0.000	580.530	0.000	580.480	0.000	580.640	0.000	580.610	0.000
28	580.590	0.000	580.540	0.000	580.560	0.000	580.490	0.000	580.620	0.000	580.610	0.000
29	580.580	0.000	580.550	0.000			580.510	0.000	580.590	0.000	580.610	0.000
30	580.595	0.000	580.540	0.000			580.510	0.000	580.630	0.000	580.600	0.000
31	580.590	0.000	580.570	0.000			580.480	0.000			580.670	0.000
Ten-Daily Mean												
I Ten-Daily	581.260	9.700	580.557	0.000	580.609	0.000	580.486	0.000	580.547	0.000	580.605	0.000
II Ten-Daily	580.693	0.449	580.531	0.000	580.560	0.000	580.471	0.000	580.588	0.000	580.628	0.000
III Ten-Daily	580.592	0.000	580.522	0.000	580.551	0.000	580.502	0.000	580.624	0.000	580.618	0.000
Monthly												
Min.	580.495	0.000	580.480	0.000	580.510	0.000	580.400	0.000	580.500	0.000	580.540	0.000
Max.	581.650	20.31	580.590	0.000	580.680	0.000	580.580	0.000	580.640	0.000	580.720	0.000
Mean	580.840	3.274	580.536	0	580.575	0	580.487	0	580.586	0	580.617	0

Peak Computed Discharge = 359.1 cumecs on 28/09/2017 **Corres. Water Level :584.7 m**

Lowest Computed Discharge = 4.256 cumecs on 29/10/2017 **Corres. Water Level :580.94 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

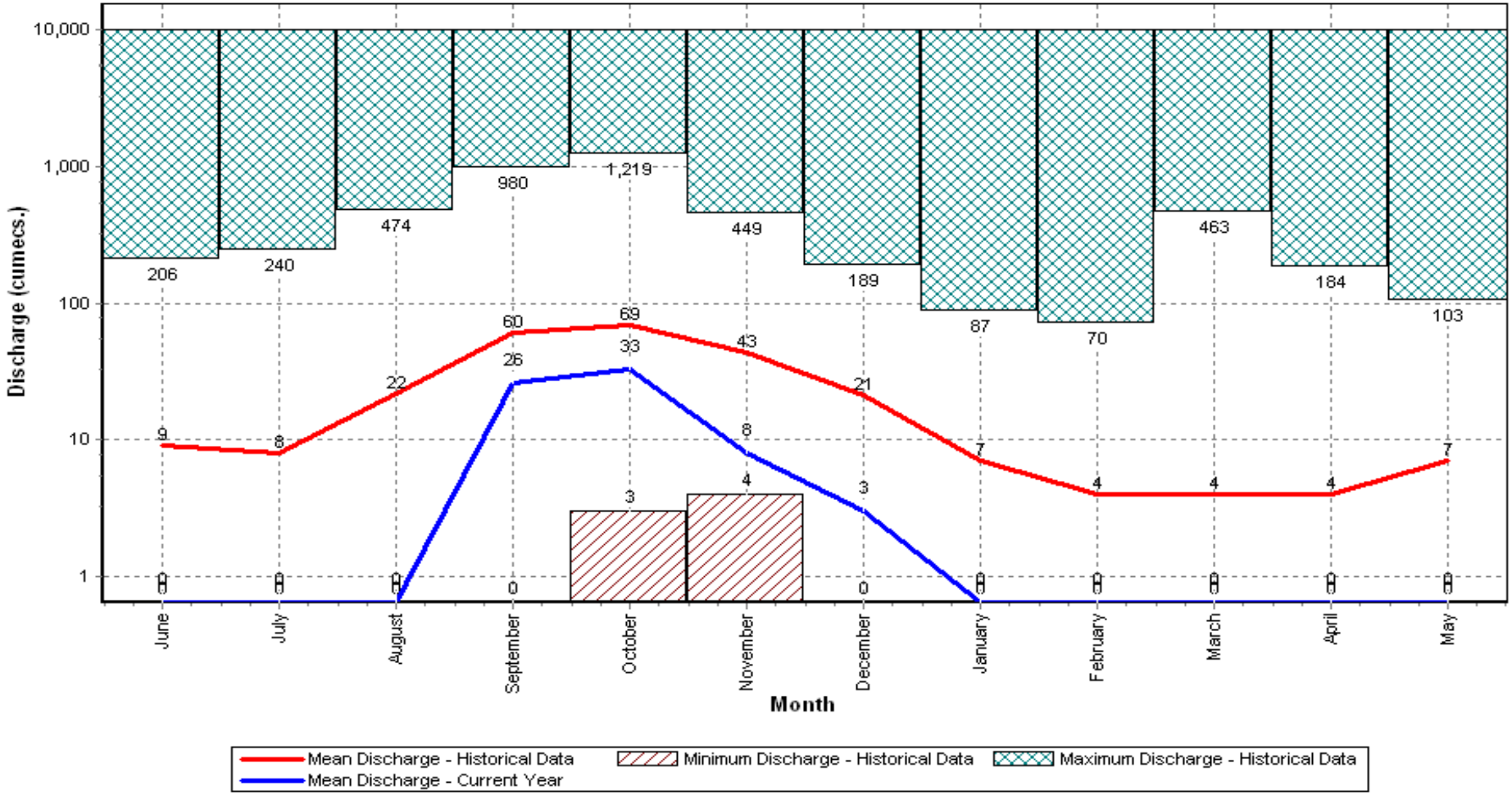
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : T.K.Halli (CCM00B9) | **Data considered : 1979-2018** | **Division : Cauvery Division, Bangalore**

Local River : Shimsa | **Sub-Division : Upper Cauvery SD, Bangalore**



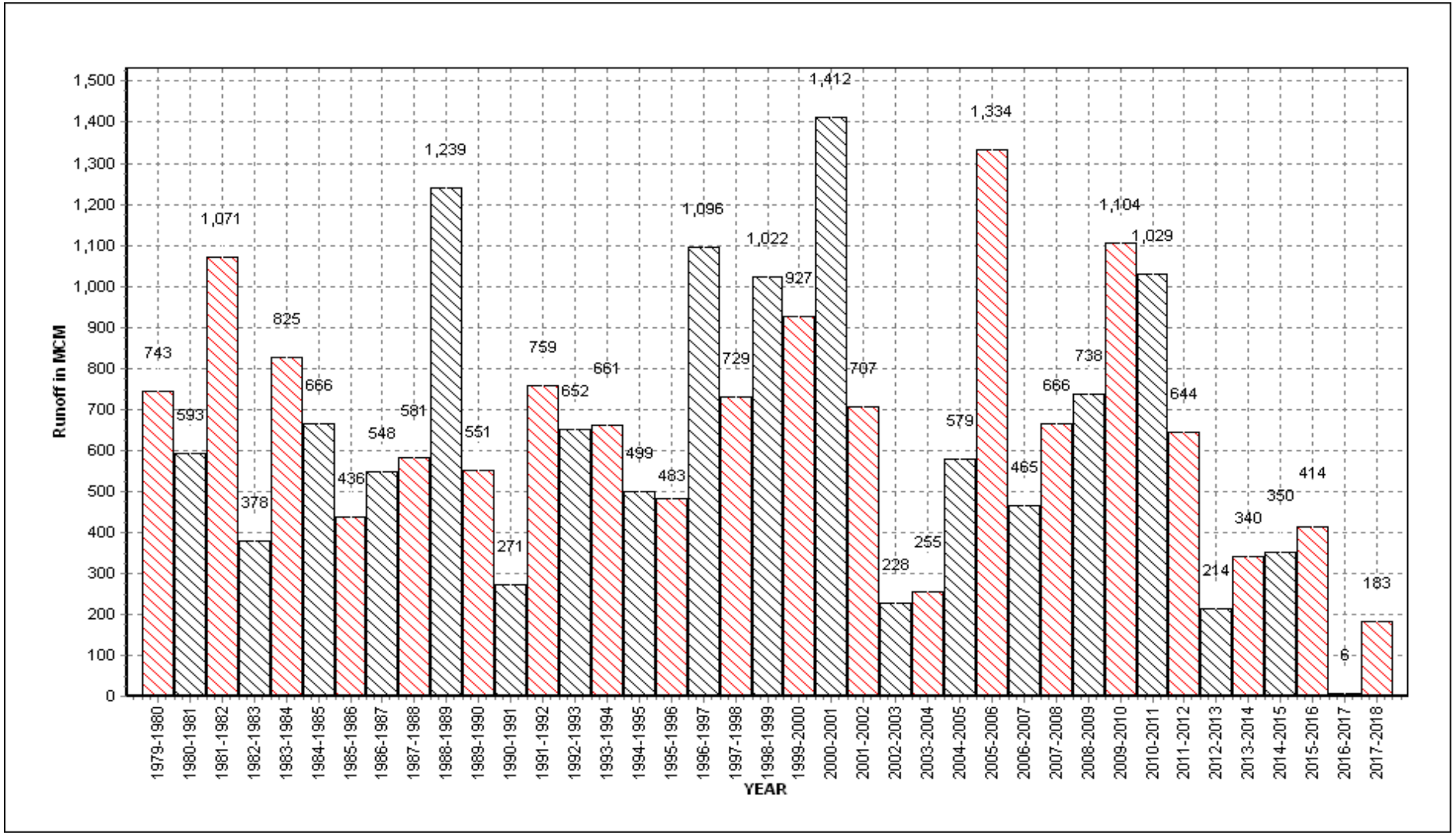
Annual Runoff Values for the period: 1979 - 2018

Station Name : T.K.Halli (CCM00B9)

Division : Cauvery Division, Bangalore

Local River : Shimsa

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

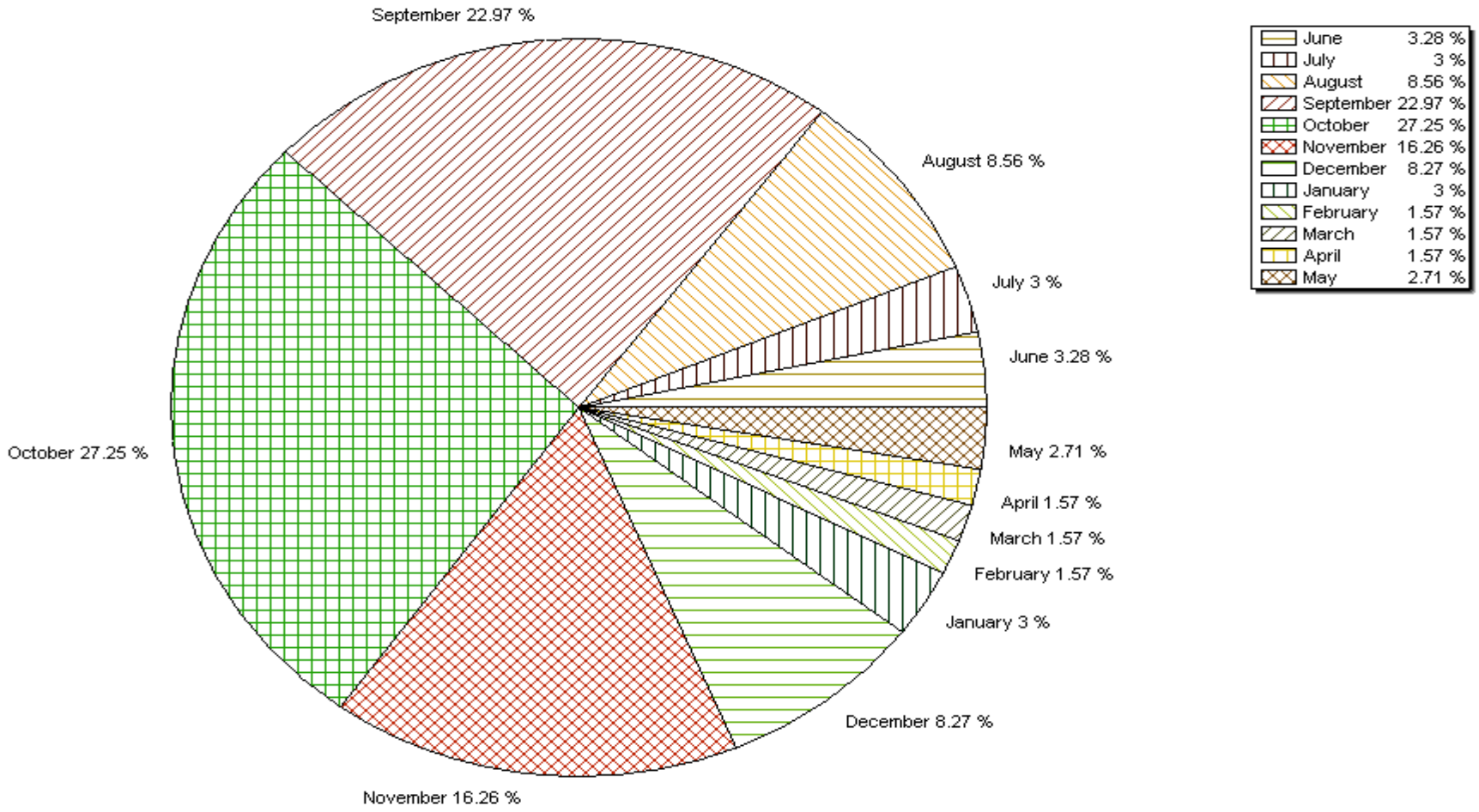
Monthly Average Runoff based on period : 1979-2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



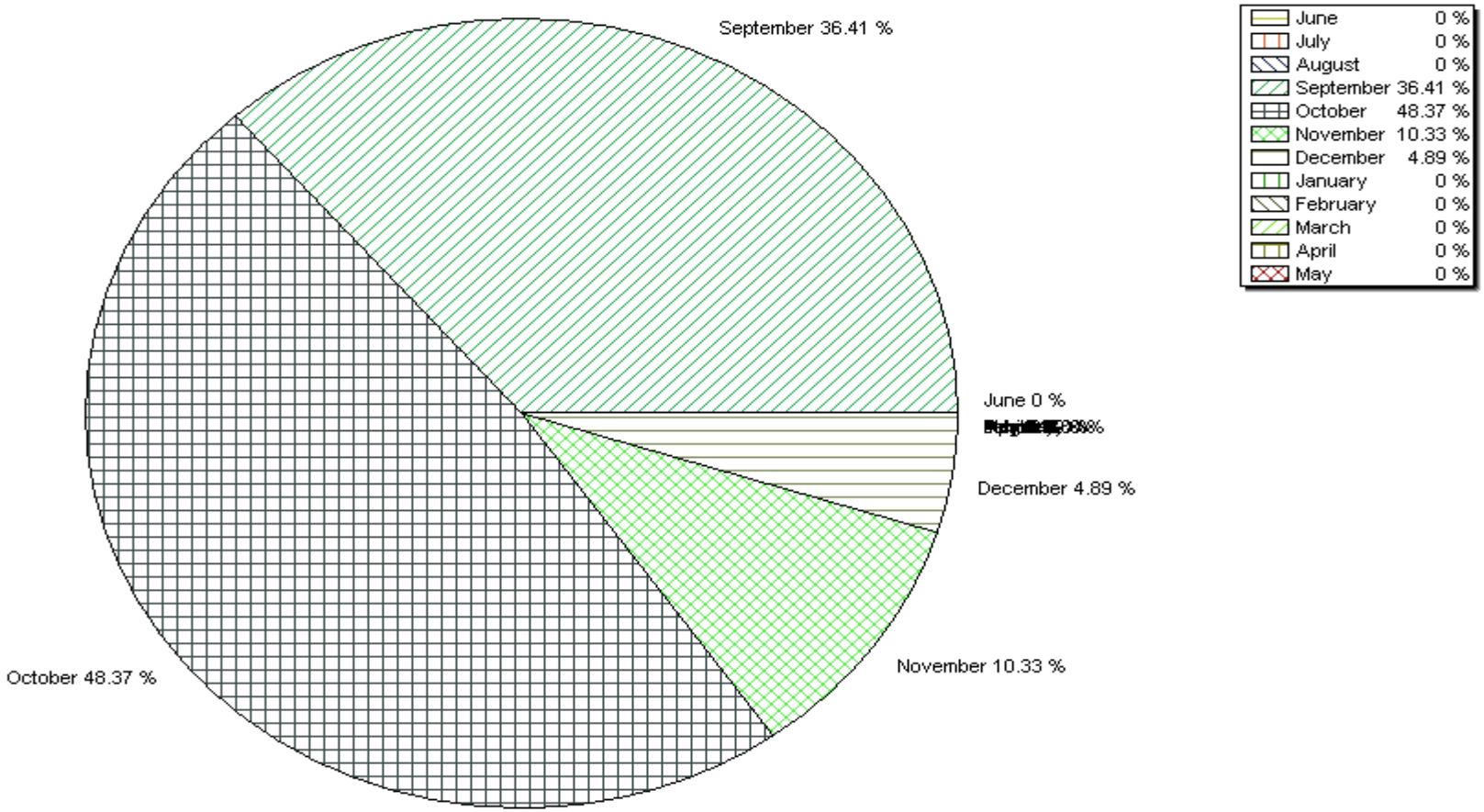
Monthly Runoff for the Year : 2017-2018

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

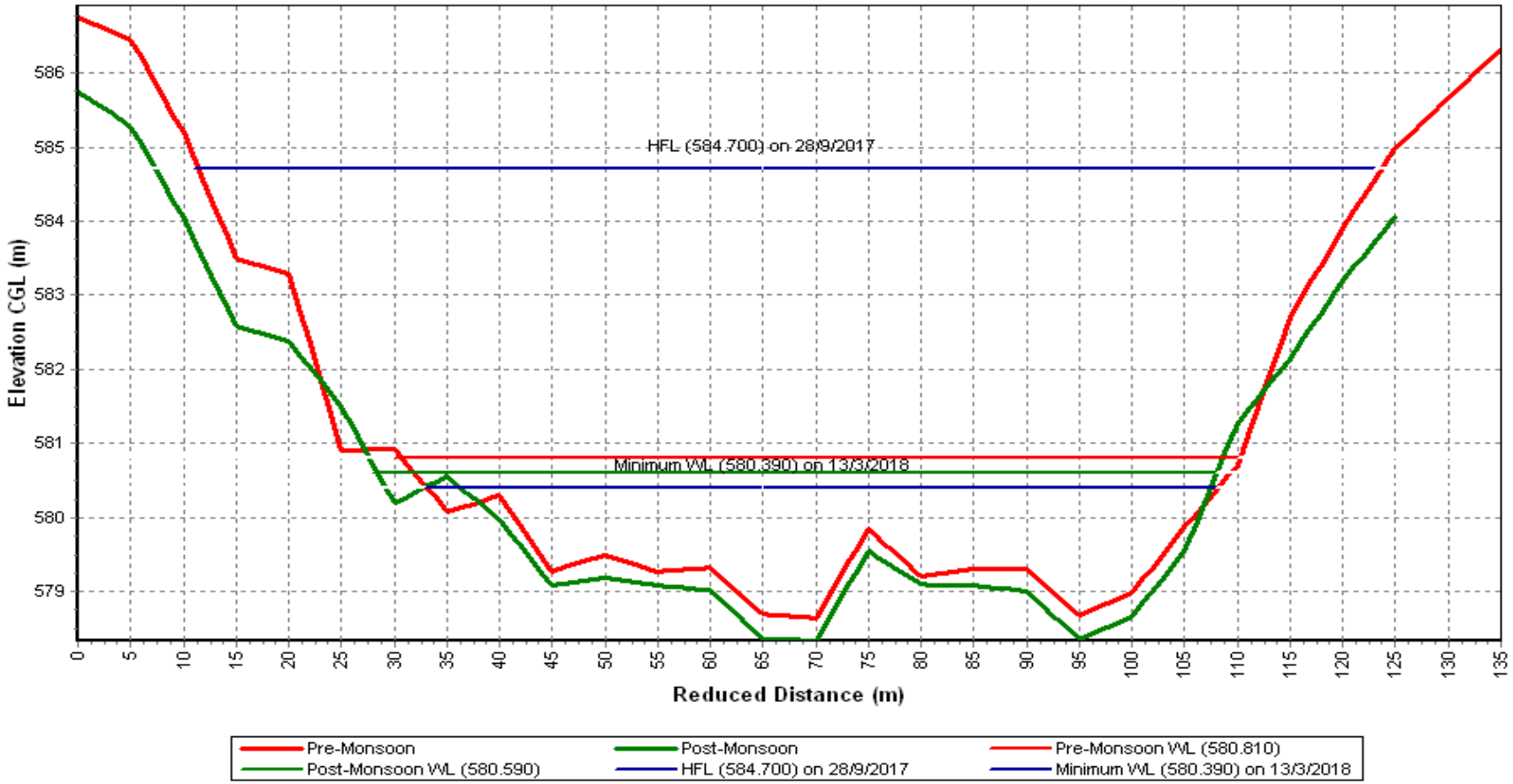
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

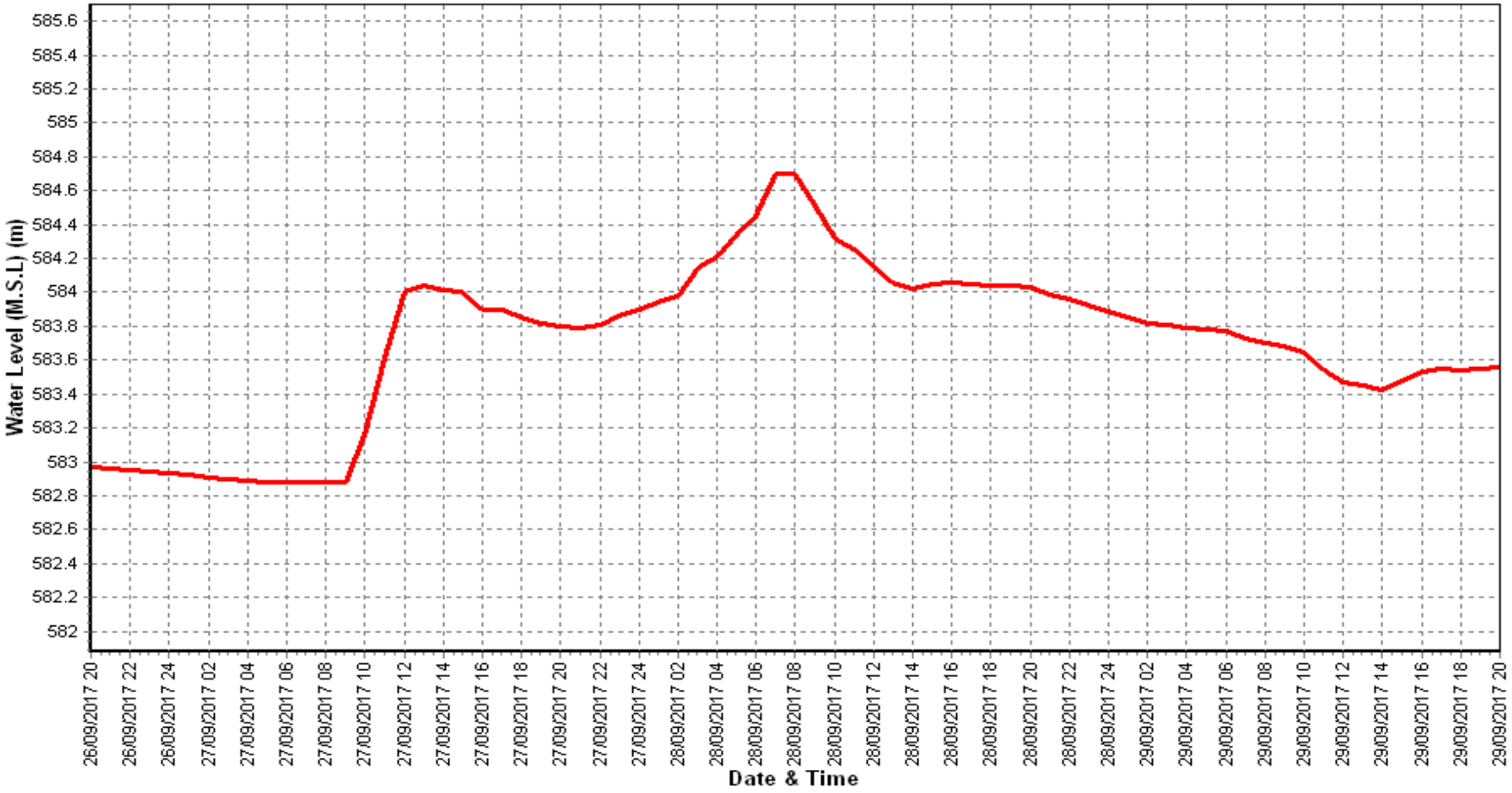
Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**



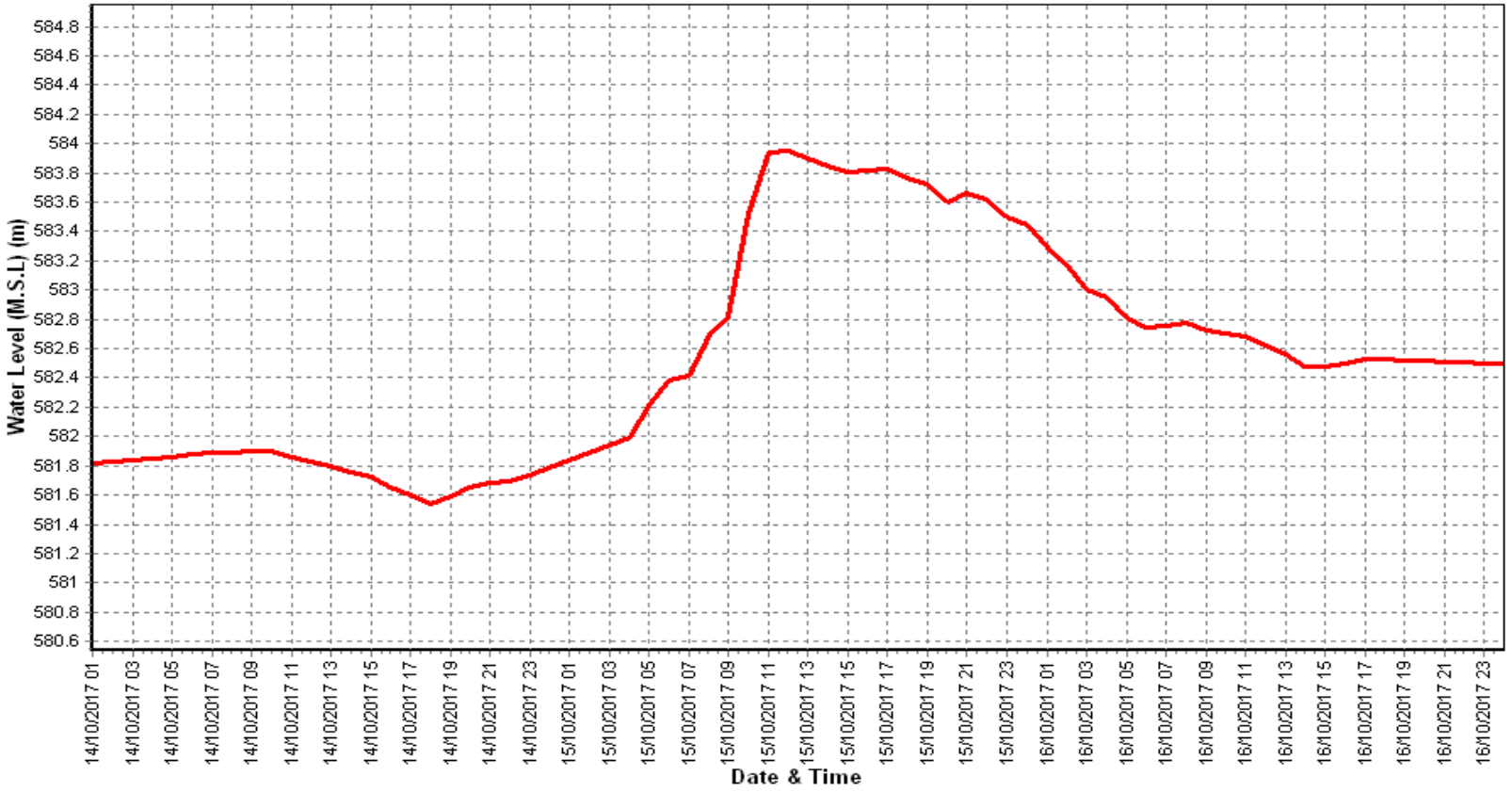
Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

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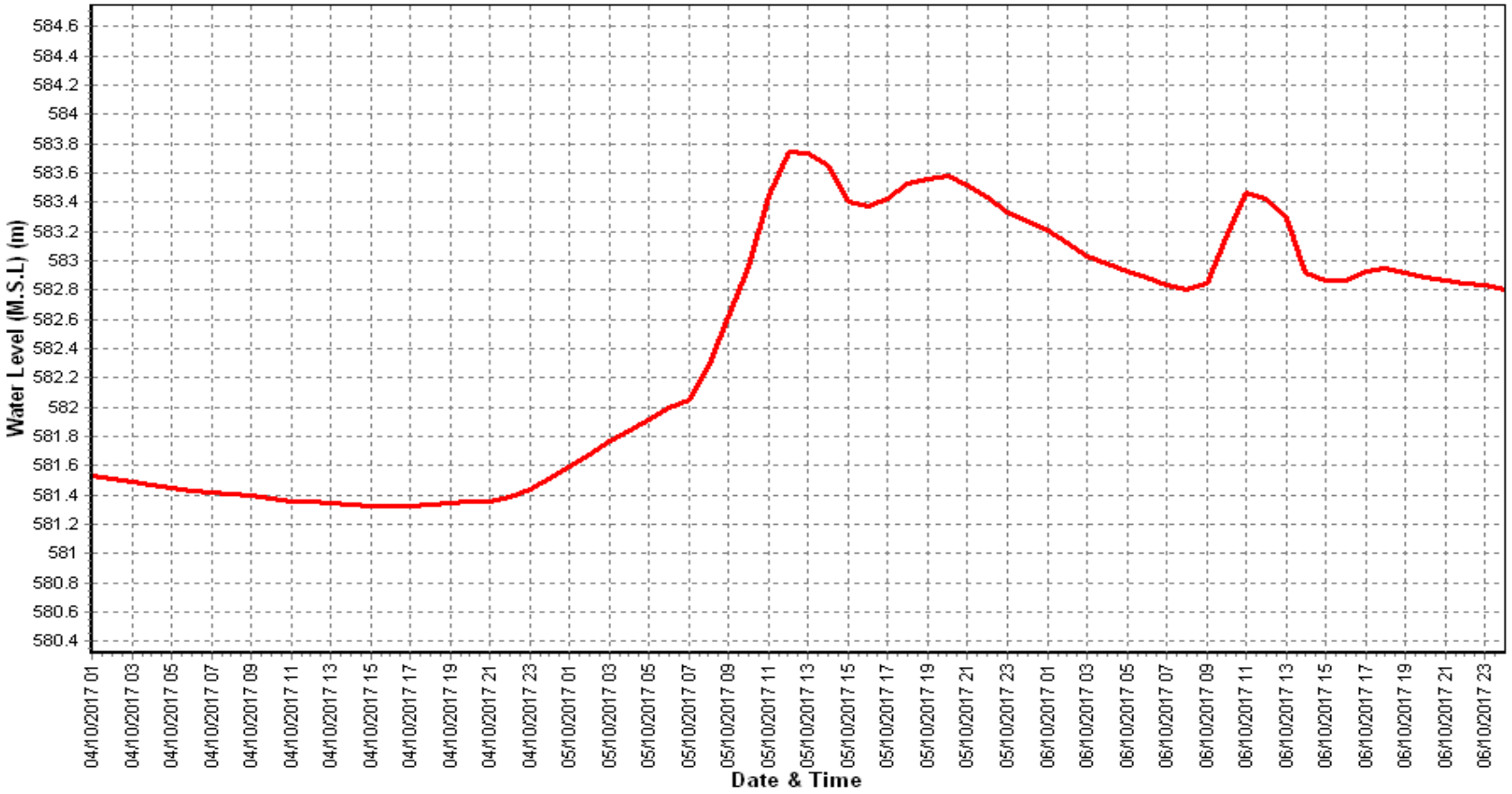


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-18**
Site	:	**Kollegal**	**Code**	:	**CC000R5**
State	:	Karnataka	District		Chamarajanagara
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	-	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	21082 Sq. Km.	Bank	:	Right
Latitude	:	12°11'21"	Longitude	:	77°06'00"
Zero of Gauge (m)	:	622.000 (m.s.l)	25-01-1971		
		Opening Date	Closing Date		
Gauge	:	25-01-1971			
Discharge	:	06-02-1971			
Sediment	:	15-03-1972			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1971-1972	1412	626.580	30-06-1971	10.00	624.110	06-04-1972
1972-1973	1637	626.695	19-07-1972	10.00	624.140	17-05-1973
1973-1974	3550	628.500	11-07-1973	10.70	623.525	26-05-1974
1974-1975	2645	627.595	20-08-1974	11.20	623.580	08-06-1974
1975-1976	4510	628.643	16-08-1975	17.50	624.180	22-06-1975
1976-1977	810.7	625.800	05-08-1976	17.50	623.900	07-07-1976
1977-1978	2336	627.300	28-07-1977	28.30	624.510	14-02-1978
1978-1979	1962	627.420	02-08-1978	30.00	624.470	01-04-1979
1979-1980	3384	628.485	04-08-1979	24.50	624.540	19-03-1980
1980-1981	4580	629.365	05-07-1980	18.30	624.525	01-03-1981
1981-1982	4550	629.120	19-08-1981	45.20	624.595	12-04-1982
1982-1983	1188	626.280	17-08-1982	26.30	624.545	21-02-1983
1983-1984	2000	627.120	22-08-1983	21.00	624.510	27-02-1984
1984-1985	3940	628.770	05-07-1984	32.40	624.545	12-02-1985
1985-1986	1355	626.245	29-06-1985	20.00	623.950	22-05-1986
1986-1987	2543	627.555	14-08-1986	25.70	623.673	22-06-1986
1987-1988	820.0	626.000	21-11-1987	22.26	623.565	08-07-1987
1988-1989	789.8	625.815	22-07-1988	17.41	624.465	31-05-1989
1989-1990	1573	626.955	26-07-1989	14.97	624.430	08-07-1989

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1990-1991	1845	627.115	23-08-1990	26.50	624.570	13-06-1990
1991-1992 *	6038	629.750	29-07-1991	18.11	624.583	24-05-1992
1992-1993	3571	628.279	30-07-1992	19.03	624.140	19-06-1992
1993-1994	1328	626.584	17-08-1993	33.08	624.327	10-04-1994
1994-1995	5620	629.580	17-07-1994	18.00	624.505	26-03-1995
1995-1996	2267	627.230	06-09-1995	15.50	624.335	23-05-1996
1996-1997	2297	627.415	12-10-1996	21.81	624.550	01-05-1997
1997-1998	3620	628.550	09-08-1997	31.87	624.600	28-06-1997
1998-1999	1080	626.200	04-07-1998	25.50	624.560	04-04-1999
1999-2000	2425	627.253	09-08-1999	22.04	624.560	29-05-2000
2000-2001	3243	627.840	29-08-2000	14.63	624.450	04-04-2001
2001-2002	1260	626.360	11-07-2001	9.779	624.280	01-05-2002
2002-2003	1404	626.550	19-08-2002	13.32	623.780	01-05-2003
2003-2004	473.1	625.760	21-10-2003	8.653	624.060	21-03-2004
2004-2005	1235	626.435	06-08-2004	41.10	624.670	09-06-2004
2005-2006	4047	628.800	03-08-2005	34.61	624.545	03-07-2005
2006-2007	2561	627.080	16-08-2006	2.249	624.100	17-04-2007
2007-2008	3473	628.550	12-08-2007	12.21	623.960	17-06-2007
2008-2009	5109	627.720	14-08-2008	30.64	624.540	03-05-2009
2009-2010	1792	626.730	19-07-2009	14.41	624.580	13-04-2010
2010-2011	2249	626.660	07-11-2010	17.83	624.500	21-07-2010
2011-2012	2349	627.000	05-09-2011	17.63	624.560	24-03-2012
2012-2013	604.6	625.590	09-10-2012	0.000	624.440	27-02-2013
2013-2014	6414	628.410	04-08-2013	0.000	624.440	01-06-2013
2014-2015	4467	627.310	09-08-2014	0.000	624.510	19-06-2014
2015-2016	806.8	625.610	26-09-2015	0.000	624.380	17-02-2016
2016-2017	360.3	624.400	09-09-2016	0.000	624.080	11-05-2017

*Note: Maximum Discharge & Water level shown on 29/07/1991 do not represent the correct figures as water levels were not observed from 0900 H of 29/07/1991 to 1200H of 30/07/1991 due to High Floods.

The actual maximum water level and Discharge could be much higher than what has been given above.

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	624.830	36.21 #	624.090	0.000	625.350	221.8	625.730	461.1	625.295	220.6 *	624.800	94.93
2	624.900	39.74 #	624.110	0.000	625.255	193.9	625.840	483.4 *	625.200	186.7 *	624.800	94.91
3	625.000	40.47	625.210	0.000	625.280	200.8	625.630	367.8 *	625.200	180.3	624.790	92.64
4	625.110	51.55 *	624.310	0.000	625.240	187.1	625.650	410.4	625.090	164.9	624.810	80.72 *
5	625.050	50.36	624.810	35.23 *	625.300	206.3	625.395	229.6	625.160	202.6	624.780	74.66 *
6	624.720	31.05 #	624.810	35.23 *	625.300	222.4 *	625.675	422.1	625.615	393.5	624.800	94.46
7	624.620	26.76 #	624.800	34.75 #	625.280	199.5	625.715	464.5	625.540	383.9	624.790	92.20
8	624.550	0.000	624.870	31.57	625.360	222.3	625.345	225.8	625.390	257.9 *	624.790	92.49
9	624.530	0.000	624.960	42.93 *	625.280	200.4	625.245	209.3	625.160	204.7	624.780	90.23
10	624.495	0.000	624.900	39.08	625.415	232.2	625.260	207.7 *	625.090	165.5	624.700	66.24
11	624.460	0.000	624.870	31.47	625.285	202.3	625.345	252.2	625.115	170.9	624.690	54.91
12	624.430	0.000	624.940	53.78	625.175	173.8	625.260	209.8	625.335	223.8	624.670	54.73 *
13	624.400	0.000	624.800	35.08	625.180	179.9 *	625.180	175.1	625.090	168.9	624.650	47.15
14	624.385	0.000	624.850	37.20 #	625.255	192.5	625.150	167.1	624.950	126.0	624.650	45.05
15	624.350	0.000	624.810	36.59	625.320	230.1 *	625.130	158.0	624.920	105.4 *	624.660	46.77
16	624.225	0.000	624.810	35.23 *	625.630	401.5	625.140	161.8	624.870	107.0	624.650	45.16
17	624.100	0.000	624.800	35.23	625.340	227.5	625.140	166.9 *	624.790	93.58	624.640	44.48
18	624.050	0.000	624.790	33.99	625.130	169.2	625.065	149.8	624.810	80.72 *	624.640	44.69
19	624.040	0.000	624.820	41.88	625.050	141.1	625.100	152.3	624.720	63.52	624.590	42.49 *
20	624.050	0.000	624.860	37.77 #	625.050	139.8 *	625.310	220.4	624.680	52.32	624.590	42.49 #
21	624.050	0.000	624.870	38.20 #	624.920	87.69	625.655	412.1	624.780	92.32	624.600	43.91 #
22	624.050	0.000	624.920	40.79 #	624.960	98.68	625.410	237.6	624.720	63.33 *	624.630	42.25
23	624.060	0.000	624.820	82.81 *	624.895	81.99	25.365	228.6	624.660	46.49	624.660	46.63
24	624.060	0.000	625.190	183.3 #	625.240	188.6	625.450	283.2 *	624.680	52.95	624.640	44.48
25	624.070	0.000	625.380	226.5	625.250	204.1 *	625.480	276.4	624.680	52.09	624.690	55.14
26	624.080	0.000	625.315	211.4	625.260	193.1	625.780	475.8	624.660	45.98	624.790	76.64 *
27	624.080	0.000	625.270	211.3 *	625.235	198.8 *	625.775	472.0	624.670	50.80	624.740	69.51
28	624.080	0.000	625.260	195.3	625.250	192.4	626.180	711.2 #	624.690	53.86	624.780	92.32
29	624.090	0.000	625.295	204.2	625.250	209.4	625.580	343.0 *	624.950	112.9 *	624.800	98.06
30	624.090	0.000	625.300	222.4 *	625.260	210.4	625.405	228.7	624.880	109.7	624.810	99.59
31			625.345	216.0	625.520	287.9			624.810	97.70		
Ten-Daily Mean												
I Ten-Daily	624.780	27.61	624.687	21.88	625.306	208.7	625.549	348.2	625.274	236.1	624.784	87.35
II Ten-Daily	624.249	0.000	624.835	37.82	625.241	205.8	625.182	181.3	624.928	119.2	624.643	46.79
III Ten-Daily	624.071	0.000	625.179	166.6	625.185	177.6	565.608	366.9	624.744	70.74	624.714	66.85
Monthly												
Min.	624.040	0.000	624.090	0.000	624.895	81.99	25.365	149.8	624.660	45.98	624.590	42.25
Max.	625.110	51.55	625.380	226.5	625.630	401.5	626.180	711.2	625.615	393.5	624.810	99.59
Mean	624.367	9.205	624.909	78.36	625.242	196.7	605.446	298.8	624.974	139.7	624.714	67

Annual Runoff in MCM = 2469 Annual Runoff in mm = 117

Peak Observed Discharge = 711.2 cumecs on 28/09/2017 Corres. Water Level :626.18 m

Lowest Observed Discharge = 0.000 cumecs on 08/06/2017 Corres. Water Level :624.55 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	624.780	92.27	624.640	43.71	624.150	0.000	624.460	0.000	624.470	0.000	624.520	0.000
2	624.850	114.9 *	624.640	43.51	624.060	0.000	624.430	0.000	624.450	0.000	624.500	0.000
3	624.980	183.1 *	624.640	43.40	624.000	0.000	624.410	0.000	624.460	0.000	624.510	0.000
4	624.970	129.1	624.630	41.82	623.950	0.000	624.430	0.000	624.490	0.000	624.570	24.72
5	624.800	75.99	624.600	23.43	623.900	0.000	624.430	0.000	624.520	0.000	624.710	67.26
6	624.670	56.59	624.590	22.94	623.850	0.000	624.420	0.000	624.500	0.000	624.750	78.00 *
7	624.750	65.16	624.560	24.58 *	623.800	0.000	624.410	0.000	624.520	0.000	624.690	63.13
8	624.730	63.68	624.530	0.000	623.740	0.000	624.390	0.000	624.510	0.000	624.620	38.83
9	624.640	44.47	624.450	0.000	623.660	0.000	624.380	0.000	624.480	0.000	624.580	27.06
10	624.670	49.67 *	624.450	0.000	623.620	0.000	624.230	0.000	624.440	0.000	624.550	22.64
11	624.670	56.83	624.430	0.000	623.630	0.000	624.120	0.000	624.430	0.000	624.520	0.000
12	624.630	42.33	624.440	0.000	623.690	0.000	624.060	0.000	624.420	0.000	624.610	34.71 *
13	624.610	38.57	624.420	0.000	623.850	0.000	624.030	0.000	624.310	0.000	624.700	58.38 *
14	624.640	43.55	624.410	0.000	624.170	0.000	624.130	0.000	624.290	0.000	624.740	77.93
15	624.600	23.27	624.390	0.000	624.340	0.000	624.430	0.000	624.410	0.000	624.770	83.68
16	624.650	45.41	624.390	0.000	624.450	0.000	624.500	0.000	624.530	0.000	624.750	80.51
17	624.590	30.42 *	624.360	0.000	624.560	24.58	624.640	49.57	624.580	25.65	624.720	72.70
18	624.610	38.67	624.330	0.000	624.580	28.39 *	624.720	64.63 *	624.680	62.55	624.660	57.64
19	624.500	0.000	624.370	0.000	624.550	20.30	624.660	55.64	624.670	59.57	624.620	39.41
20	624.510	0.000	624.480	0.000	624.500	0.000	624.590	29.97	624.600	33.34	624.610	34.71 *
21	624.540	0.000	624.510	0.000	624.500	0.000	624.610	36.28	624.550	22.51	624.650	54.28
22	624.590	22.91	624.500	0.000	624.510	0.000	624.530	0.000	624.520	0.000	624.720	73.06
23	624.705	66.53	624.520	0.000	624.540	18.33	624.530	0.000	624.470	0.000	624.740	77.85
24	624.630	39.35 *	624.500	0.000	624.580	23.23	624.510	0.000	624.460	0.000	624.710	69.31
25	624.590	30.42 *	624.500	0.000	624.570	26.44 *	624.510	0.000	624.450	0.000	624.730	75.71
26	624.650	45.57	624.480	0.000	624.570	21.85	624.510	0.000	624.470	0.000	624.885	110.4
27	624.640	43.04	624.430	0.000	624.550	20.22	624.520	0.000	624.590	29.90	625.000	195.3 *
28	624.650	45.67	624.400	0.000	624.510	0.000	624.520	0.000	624.580	27.25	624.980	133.8
29	624.730	64.57	624.360	0.000			624.490	0.000	624.560	24.58 *	624.855	101.7
30	624.590	23.03	624.290	0.000			624.460	0.000	624.540	21.09 *	624.740	77.58
31	624.660	46.95 *	624.220	0.000			624.450	0.000			624.645	44.34
Ten-Daily Mean												
I Ten-Daily	624.784	87.50	624.573	24.34	623.873	0.000	624.399	0.000	624.484	0.000	624.600	32.16
II Ten-Daily	624.601	31.91	624.402	0.000	624.232	7.327	624.388	19.98	624.492	18.11	624.670	53.97
III Ten-Daily	624.634	38.91	624.428	0.000	624.541	13.76	624.513	3.298	624.519	12.53	624.787	92.12
Monthly												
Min.	624.500	0.000	624.220	0.000	623.620	0.000	624.030	0.000	624.290	0.000	624.500	0.000
Max.	624.980	183.1	624.640	43.71	624.580	28.39	624.720	64.63	624.680	62.55	625.000	195.3
Mean	624.672	52.32	624.466	7.851	624.192	6.548	624.436	7.616	624.498	10.21	624.689	60.47

Peak Computed Discharge = 483.4 cumecs on 02/09/2017 **Corres. Water Level :625.84 m**

Lowest Computed Discharge = 21.09 cumecs on 30/04/2018 **Corres. Water Level :624.54 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

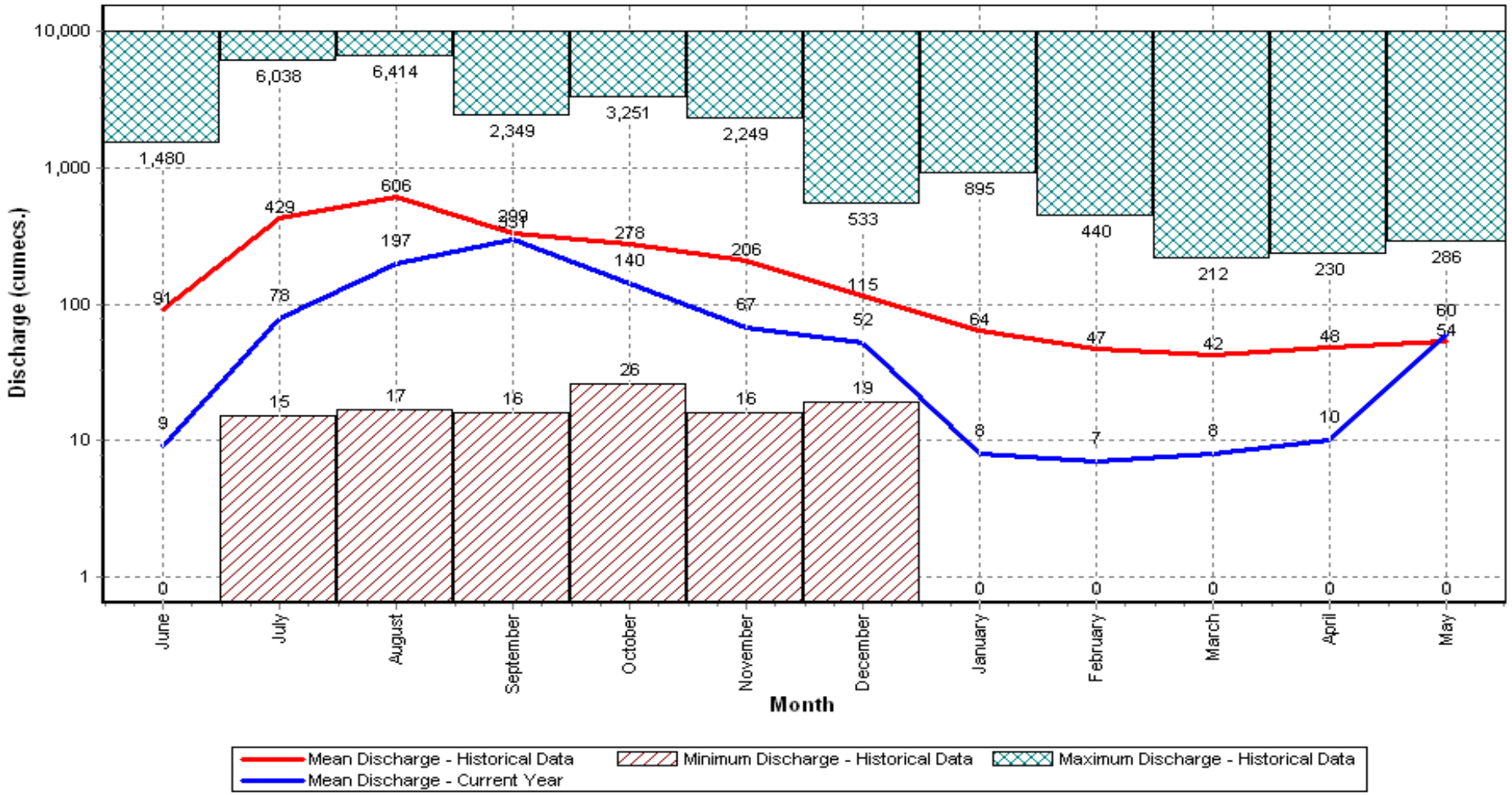
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Kollegal (CC000R5) | **Data considered : 1975-2018** | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**



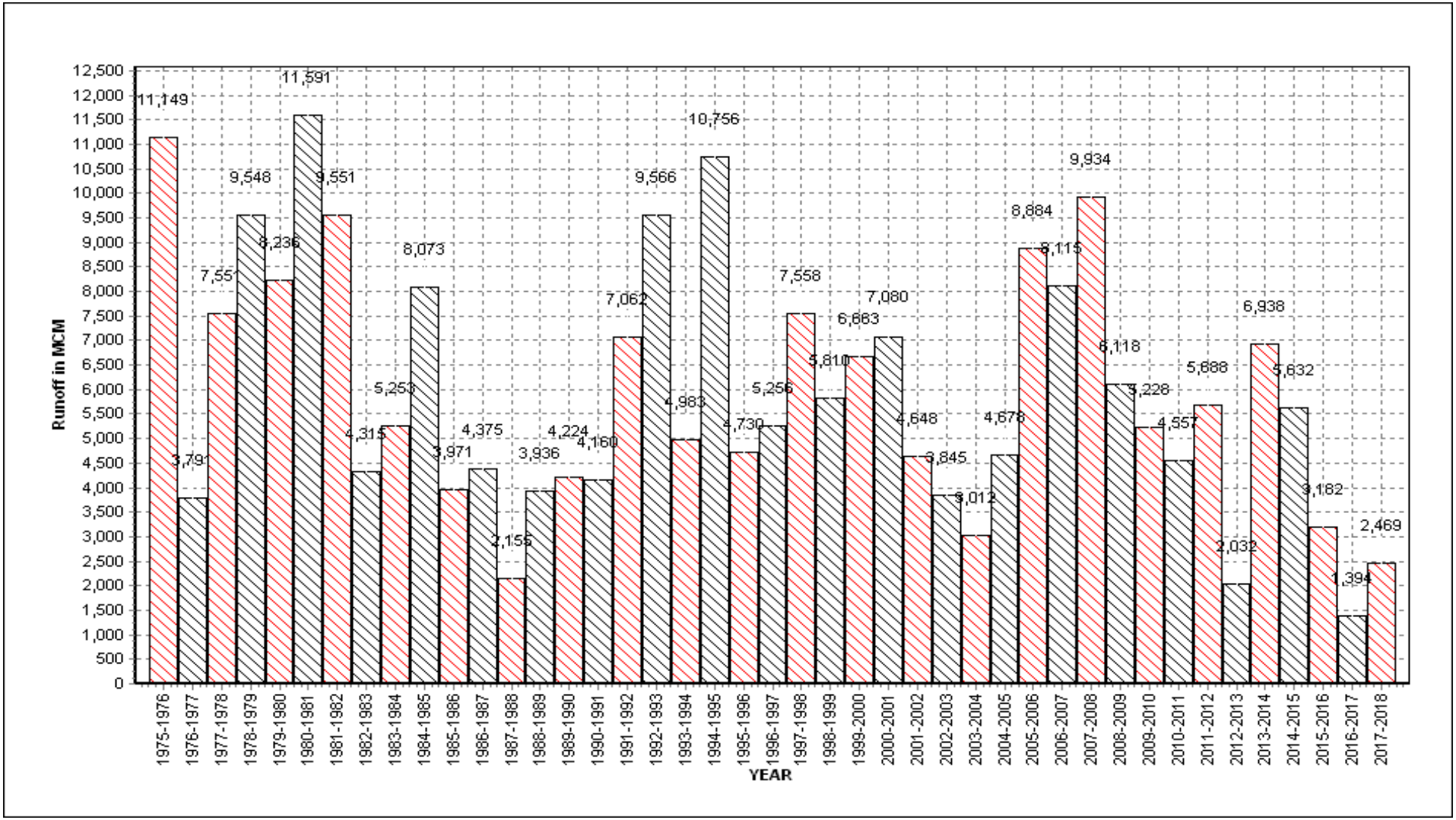
Annual Runoff Values for the period: 1975 - 2018

Station Name : Kollegal (CC000R5)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

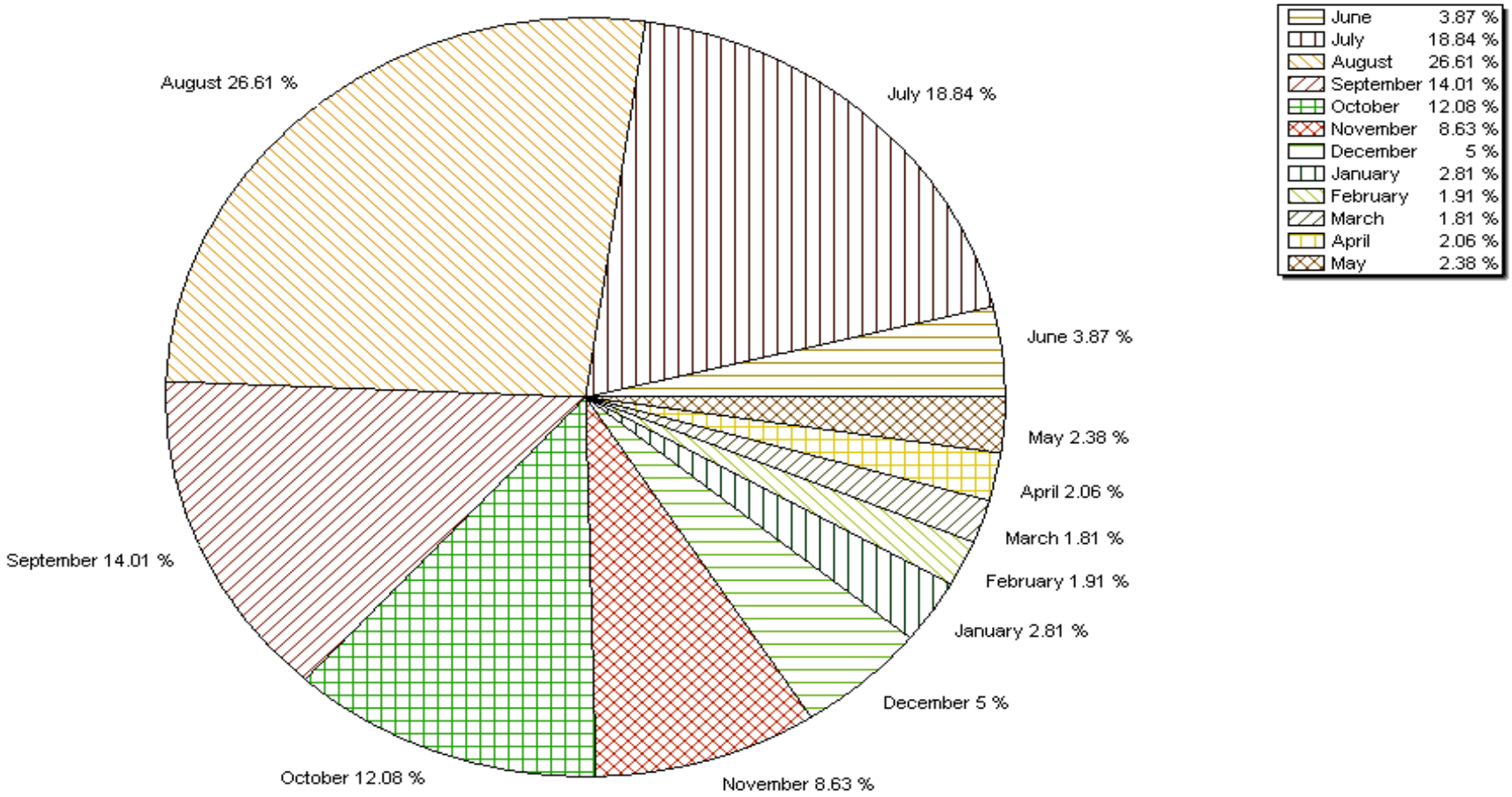
Monthly Average Runoff based on period : 1975-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



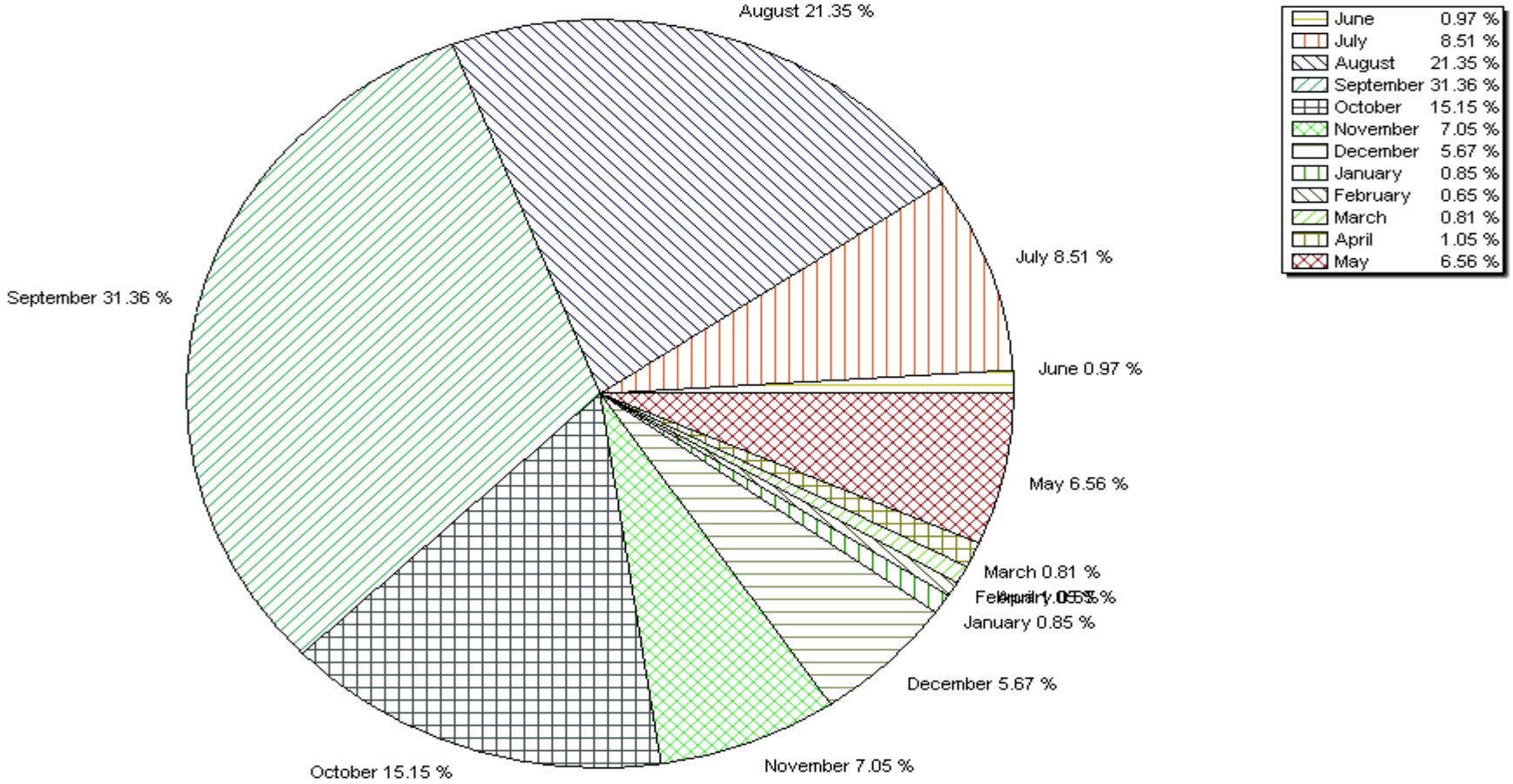
Monthly Runoff for the Year : 2017-2018

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

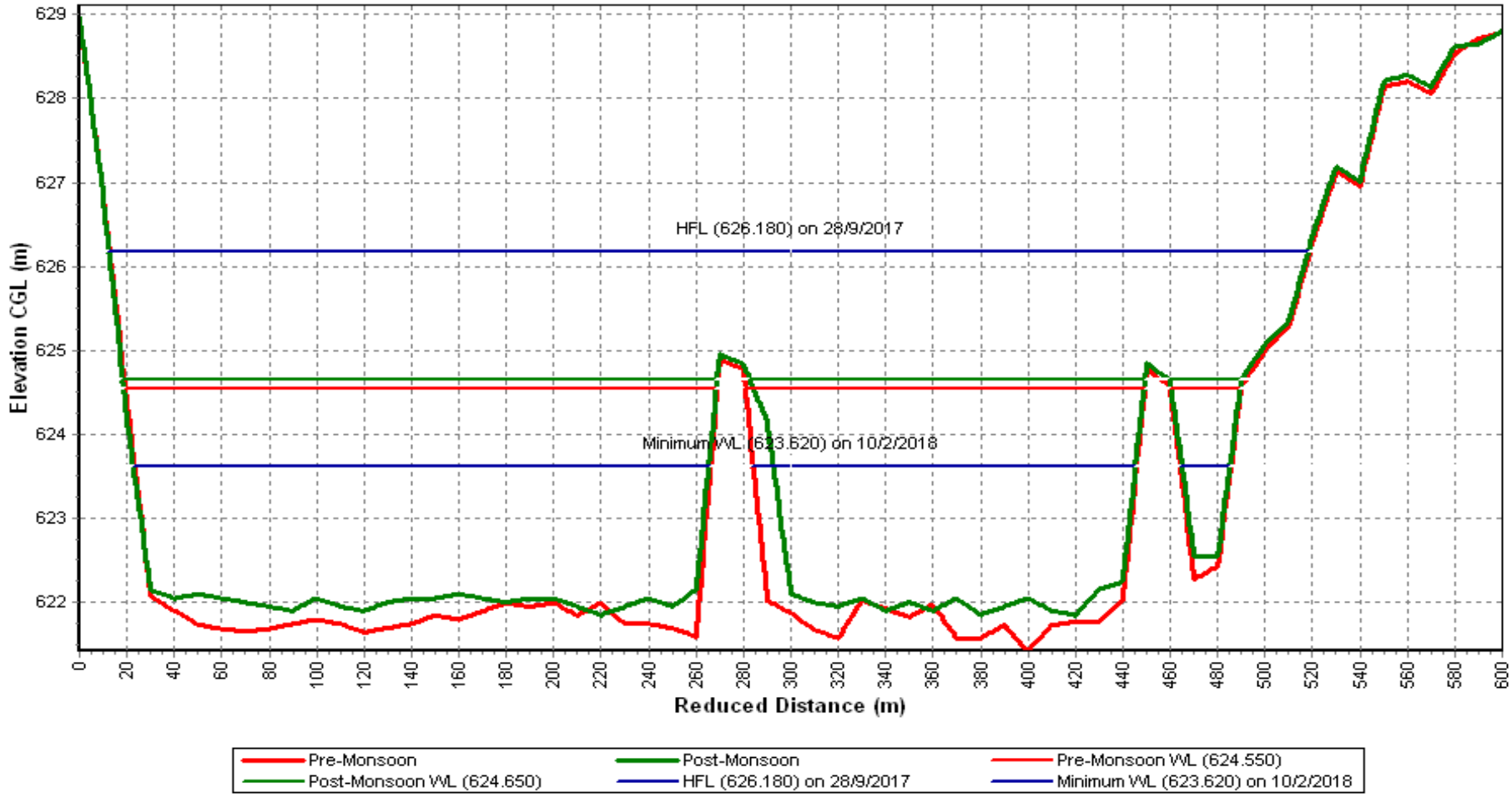
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

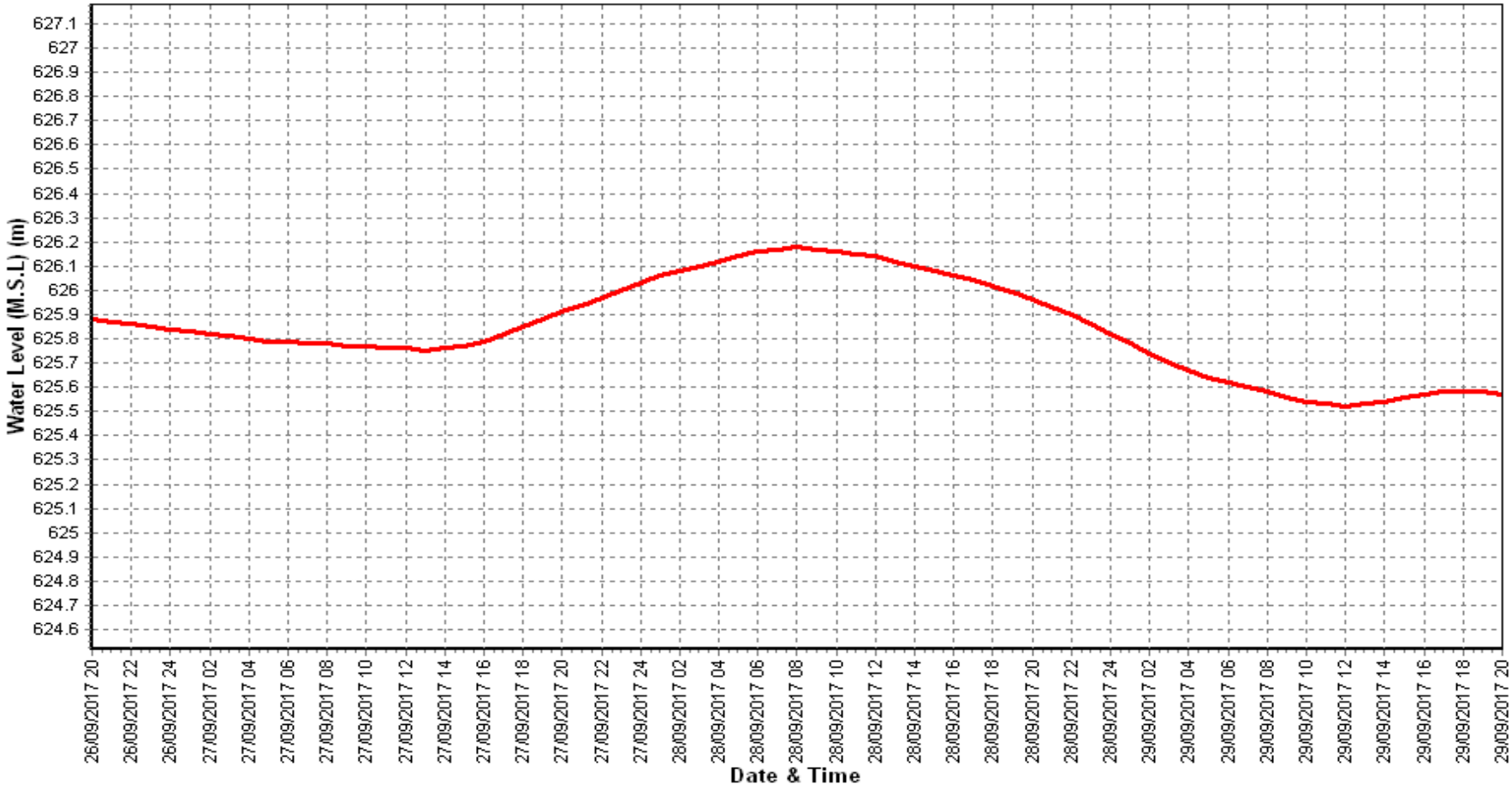
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

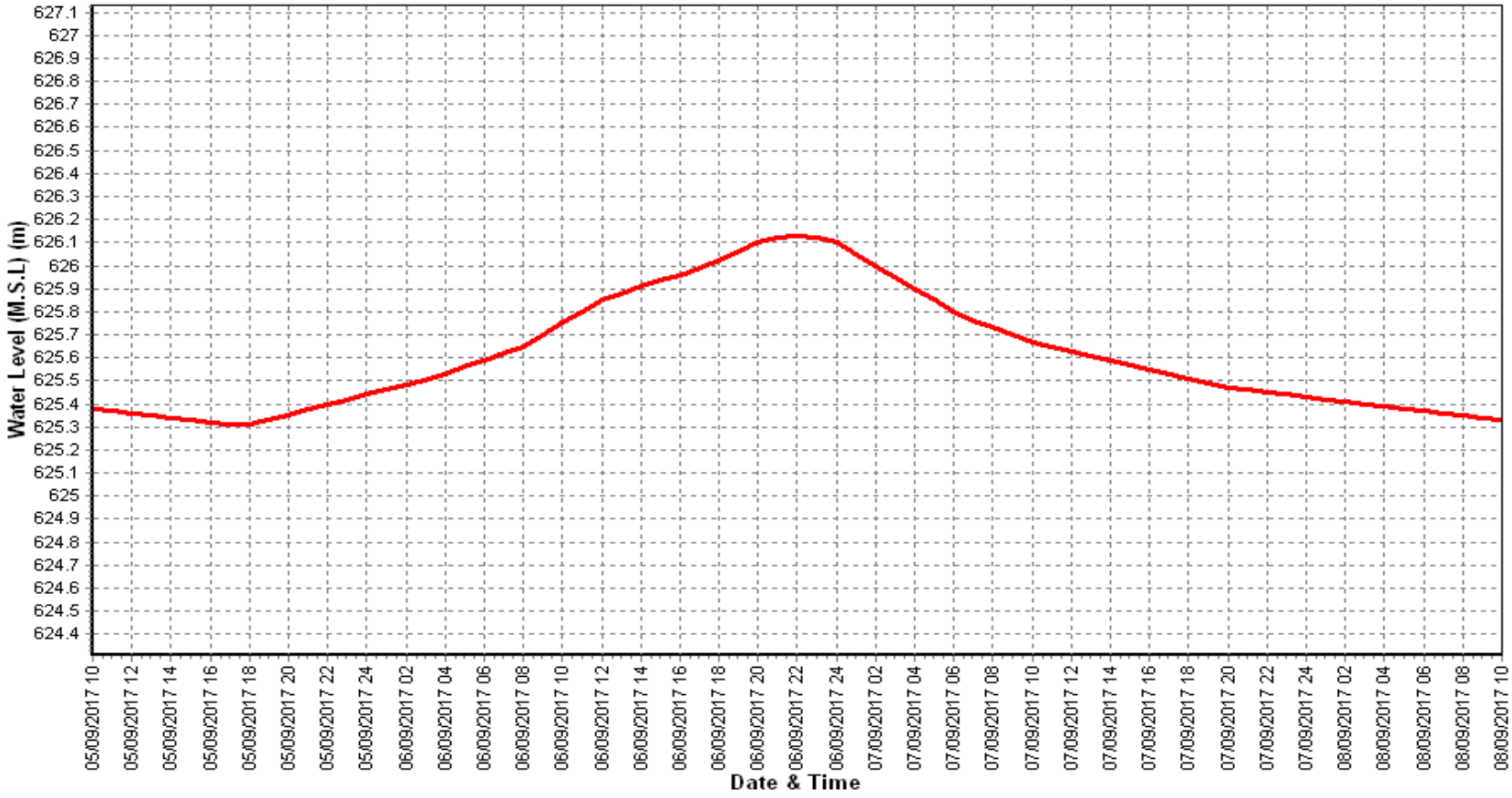


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

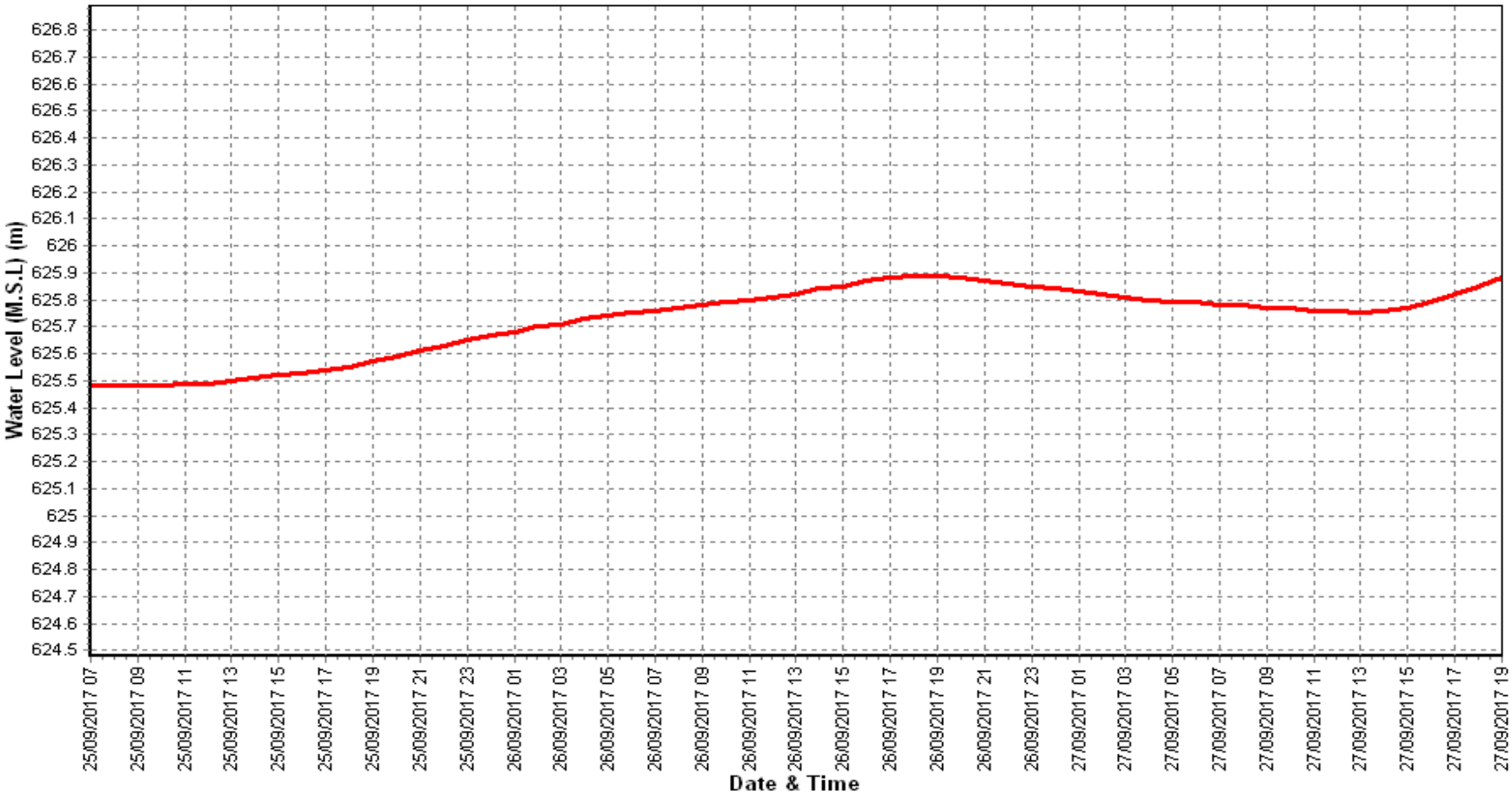


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2017-18**
Site	:	**Bendrahalli**	**Code**	:	**CCN00J5**
State	:	Karnataka	District		Chamarajanagara
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Suvarnavathi	Sub Tributary	:	-
Sub-Sub Tributary	:		Local River	:	Suvarnavathi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	1900 Sq. Km.	Bank	:	Right
Latitude	:	12°09'13"	Longitude	:	77°04'48"
Zero of Gauge (m)	:	631.000 (m.s.l)	03-02-2004		
		Opening Date	Closing Date		
Gauge	:	03-02-2004			
Discharge	:	18-08-2005			
Sediment	:				
Water Quality	:	01-04-2008			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2006-2007	4.490	632.420	09-11-2006	0.000	631.350	07-07-2006
2007-2008	36.89	634.700	22-10-2007	0.000	631.280	01-06-2007
2008-2009	15.91	633.610	24-10-2008	0.213	631.620	05-07-2008
2009-2010	9.359	633.100	19-09-2009	0.000	631.430	07-03-2010
2010-2011	31.90	635.200	07-11-2010	0.000	631.250	01-06-2010
2011-2012	18.95	633.930	04-11-2011	0.000	631.380	03-04-2012
2012-2013	6.420	632.615	15-10-2012	0.000	631.310	01-06-2012
2013-2014	24.17	634.700	13-09-2013	0.000	Dry Bed	01-06-2013
2014-2015	95.99	633.540	27-10-2014	0.000	Dry Bed	01-06-2014
2015-2016	17.83	633.730	11-11-2015	0.000	631.560	30-06-2015
2016-2017	1.121	631.750	29-07-2016	0.000	Dry Bed	04-05-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000	631.580	0.194	631.720	0.372 *	631.640	0.235
2		0.000		0.000		0.000	631.480	0.064 #	631.650	0.267 *	631.720	0.328
3		0.000		0.000		0.000	631.370	0.000	631.620	0.217	631.660	0.268
4		0.000		0.000		0.000	631.330	0.000	631.590	0.188	631.740	0.405 *
5		0.000		0.000		0.000	631.330	0.000	632.020	1.170	631.750	0.423 *
6		0.000		0.000		0.000	632.450	4.851	632.500	3.204 #	631.840	0.638
7		0.000		0.000		0.000	631.650	0.313	632.070	1.184	631.850	0.705
8		0.000		0.000		0.000	631.560	0.146 #	631.910	0.766 *	631.920	0.928
9		0.000		0.000		0.000	632.360	3.580	632.160	1.494	631.830	0.718
10		0.000		0.000	631.300	0.000	631.890	0.939 *	631.850	0.719	631.750	0.543
11		0.000		0.000		0.000	631.700	0.410	633.250	7.662	631.670	0.294 #
12		0.000		0.000		0.000	631.640	0.253 *	632.400	2.648 #	631.650	0.267 *
13		0.000		0.000		0.000	631.550	0.151 *	632.200	1.558	631.630	0.240 #
14		0.000		0.000	631.360	0.000	631.510	0.000	632.000	1.041	631.630	0.240 #
15		0.000		0.000	632.030	1.532 *	631.520	0.000	631.950	0.872 *	631.610	0.216 #
16		0.000		0.000	632.025	1.508 #	631.530	0.000	631.900	0.938	631.600	0.231
17		0.000		0.000	631.790	0.604	631.500	0.000	631.860	0.723	631.590	0.182
18		0.000		0.000	631.740	0.502	631.500	0.000	631.930	0.818 *	631.590	0.179
19		0.000		0.000	631.780	0.580	631.510	0.000	632.020	1.148	631.560	0.161 *
20		0.000		0.000	631.820	0.703 *	631.740	0.330	631.920	0.964	631.530	0.133
21		0.000		0.000	631.800	0.608	631.750	0.346	631.790	0.635	631.540	0.145
22		0.000		0.000	631.780	0.573	631.680	0.286	631.750	0.423 *	631.500	0.000
23		0.000		0.000	631.770	0.570	631.590	0.194	631.720	0.323	631.500	0.000
24		0.000		0.000	631.800	0.606	631.520	0.123 *	631.700	0.306	631.510	0.000
25		0.000		0.000	631.840	0.767 *	632.460	2.974 #	631.670	0.273	631.510	0.000
26		0.000		0.000	631.750	0.520	632.160	1.342	631.660	0.265	631.520	0.123 *
27		0.000		0.000	631.700	0.386 *	632.180	1.456	631.650	0.250	631.560	0.162
28		0.000		0.000	631.680	0.330	632.480	3.272	631.700	0.310	631.550	0.158
29		0.000		0.000	631.740	0.440	632.030	1.532 *	631.660	0.280 *	631.560	0.161
30		0.000		0.000	631.750	0.471	631.870	0.796	631.650	0.254	631.710	0.312
31				0.000	631.730	0.413			631.650	0.248		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	631.300	0.000	631.700	1.009	631.909	0.958	631.770	0.519
II Ten-Daily		0.000		0.000	631.792	0.543	631.570	0.114	632.143	1.837	631.606	0.214
III Ten-Daily		0.000		0.000	631.758	0.517	631.972	1.232	631.691	0.324	631.546	0.106
Monthly												
Min.		0.000		0.000	631.300	0.000	631.330	0.000	631.590	0.188	631.500	0.000
Max.		0.000		0.000	632.030	1.532	632.480	4.851	633.250	7.662	631.920	0.928
Mean		0		0	631.747	0.358	631.747	0.785	631.907	1.017	631.641	0.28

Annual Runoff in MCM = 7 Annual Runoff in mm = 4

Peak Observed Discharge = 7.662 cumecs on 11/10/2017 Corres. Water Level :633.25 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	631.760	0.554	631.450	0.000	631.370	0.000	631.340	0.000		0.000		0.000
2	632.550	4.225 *	631.460	0.000	631.370	0.000	631.330	0.000		0.000		0.000
3	631.900	0.891 *	631.460	0.000	631.360	0.000	631.330	0.000		0.000		0.000
4	631.910	0.921	631.450	0.000	631.360	0.000	631.330	0.000		0.000		0.000
5	631.840	0.737	631.450	0.000	631.360	0.000	631.330	0.000		0.000		0.000
6	631.760	0.551	631.440	0.000	631.360	0.000	631.320	0.000		0.000		0.000
7	631.730	0.347	631.450	0.000	631.350	0.000	631.310	0.000		0.000		0.000
8	631.660	0.335	631.450	0.000	631.350	0.000	631.300	0.000		0.000		0.000
9	631.600	0.239	631.450	0.000	631.350	0.000		0.000		0.000	631.310	0.000
10	631.570	0.180 *	631.450	0.000	631.350	0.000		0.000		0.000	631.310	0.000
11	631.550	0.149	631.450	0.000	631.490	0.000	631.300	0.000		0.000	631.300	0.000
12	631.520	0.000	631.440	0.000	631.500	0.000	631.310	0.000		0.000	631.300	0.000
13	631.530	0.000	631.430	0.000	631.480	0.000	631.310	0.000		0.000	631.300	0.000
14	631.510	0.000	631.430	0.000	631.480	0.000	631.300	0.000		0.000	631.320	0.000
15	631.500	0.000	631.430	0.000	631.470	0.000	631.300	0.000		0.000	631.300	0.000
16	631.570	0.000	631.430	0.000	631.430	0.000	631.300	0.000		0.000	631.300	0.000
17	631.510	0.000	631.430	0.000	631.380	0.000	631.320	0.000		0.000	631.300	0.000
18	631.490	0.000	631.420	0.000	631.360	0.000	631.300	0.000		0.000	631.300	0.000
19	631.500	0.000	631.420	0.000	631.360	0.000	631.300	0.000		0.000	631.300	0.000
20	631.490	0.000	631.420	0.000	631.360	0.000	631.340	0.000		0.000	631.290	0.000
21	631.480	0.000	631.420	0.000	631.360	0.000	631.320	0.000		0.000	631.310	0.000
22	631.500	0.000	631.420	0.000	631.360	0.000	631.300	0.000		0.000	631.310	0.000
23	631.510	0.000	631.420	0.000	631.350	0.000	631.300	0.000		0.000	631.300	0.000
24	631.480	0.000	631.420	0.000	631.350	0.000	631.300	0.000		0.000	631.300	0.000
25	631.510	0.000	631.410	0.000	631.350	0.000	631.300	0.000		0.000	631.280	0.000
26	631.490	0.000	631.400	0.000	631.350	0.000		0.000		0.000	631.490	0.000
27	631.470	0.000	631.400	0.000	631.350	0.000		0.000		0.000	631.470	0.000
28	631.490	0.000	631.400	0.000	631.340	0.000		0.000		0.000	631.390	0.000
29	631.470	0.000	631.390	0.000				0.000		0.000	631.380	0.000
30	631.480	0.000	631.390	0.000				0.000		0.000	631.370	0.000
31	631.490	0.000	631.380	0.000				0.000			631.370	0.000
Ten-Daily Mean												
I Ten-Daily	631.828	0.898	631.451	0.000	631.358	0.000	631.324	0.000		0.000	631.310	0.000
II Ten-Daily	631.517	0.015	631.430	0.000	631.431	0.000	631.308	0.000		0.000	631.301	0.000
III Ten-Daily	631.488	0.000	631.405	0.000	631.351	0.000	631.304	0.000		0.000	631.361	0.000
Monthly												
Min.	631.470	0.000	631.380	0.000	631.340	0.000	631.300	0.000		0.000	631.280	0.000
Max.	632.550	4.225	631.460	0.000	631.500	0.000	631.340	0.000		0.000	631.490	0.000
Mean	631.607	0.294	631.428	0	631.382	0	631.313	0		0	631.330	0

Peak Computed Discharge = 4.225 cumecs on 02/12/2017 **Corres. Water Level :632.55 m**

Lowest Computed Discharge = 0.123 cumecs on 24/09/2017 **Corres. Water Level :631.52 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

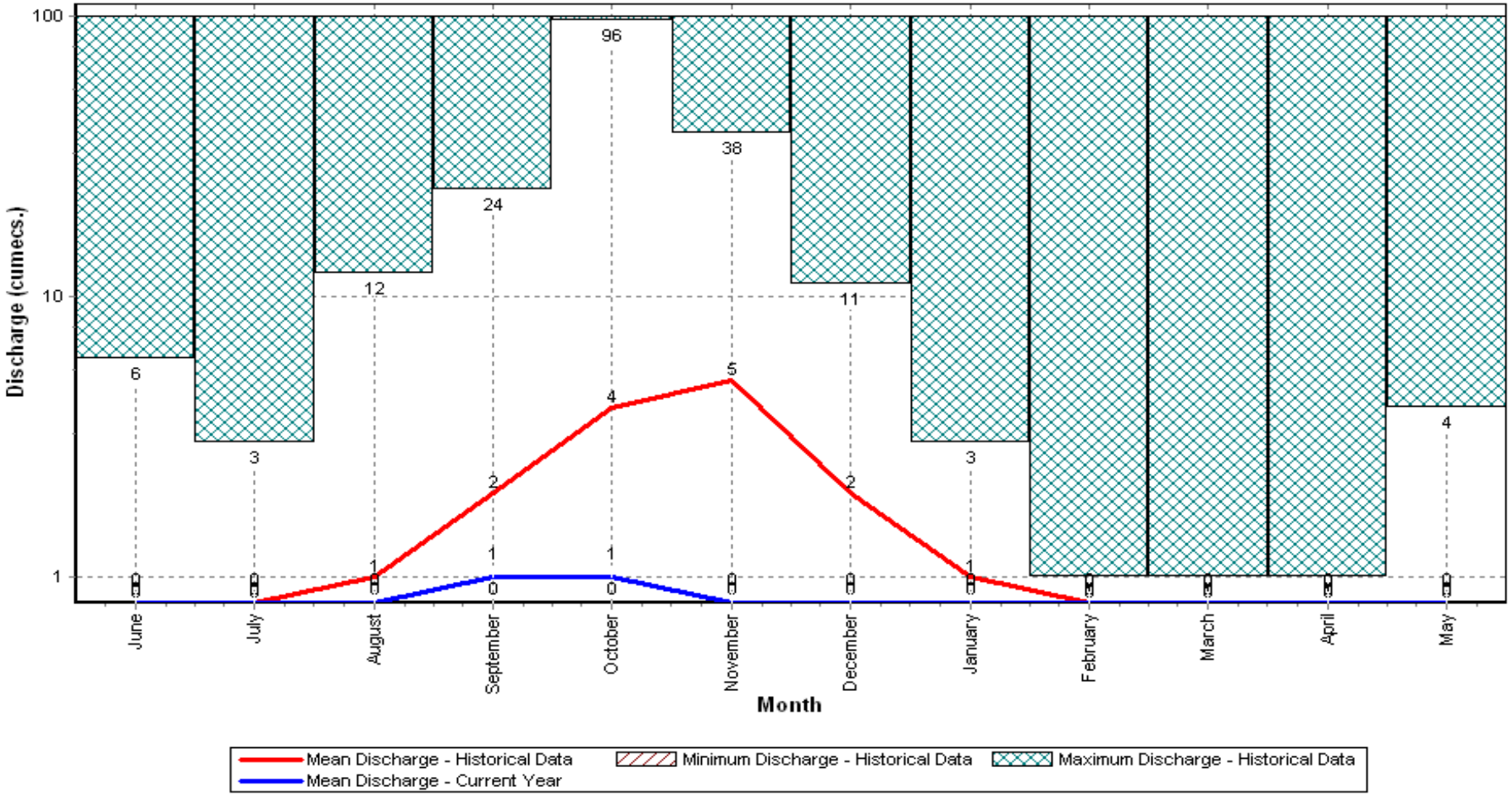
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Bendrahalli (CCN00J5) | **Data considered : 2006-2018** | **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



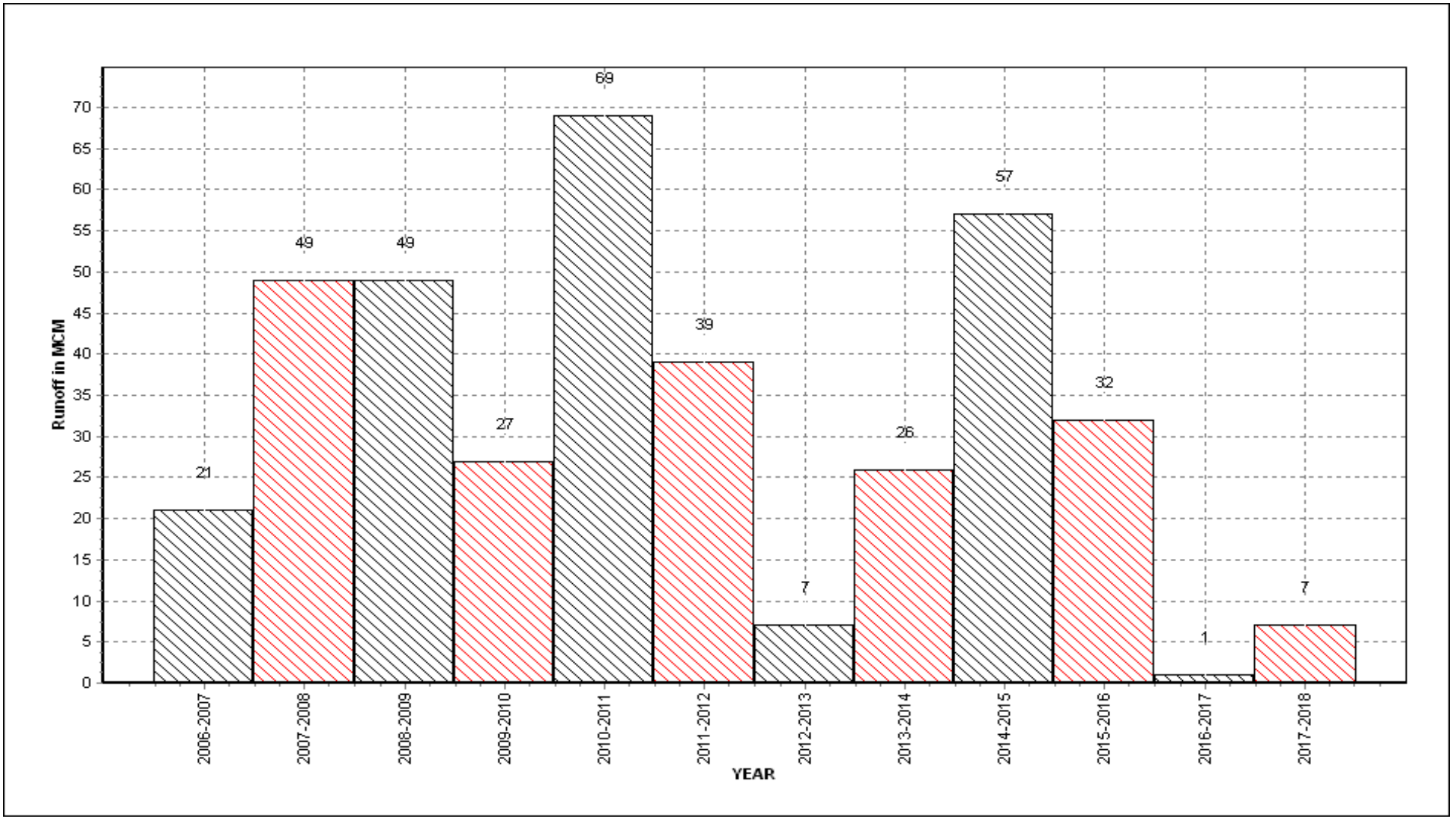
Annual Runoff Values for the period: 2006 - 2018

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

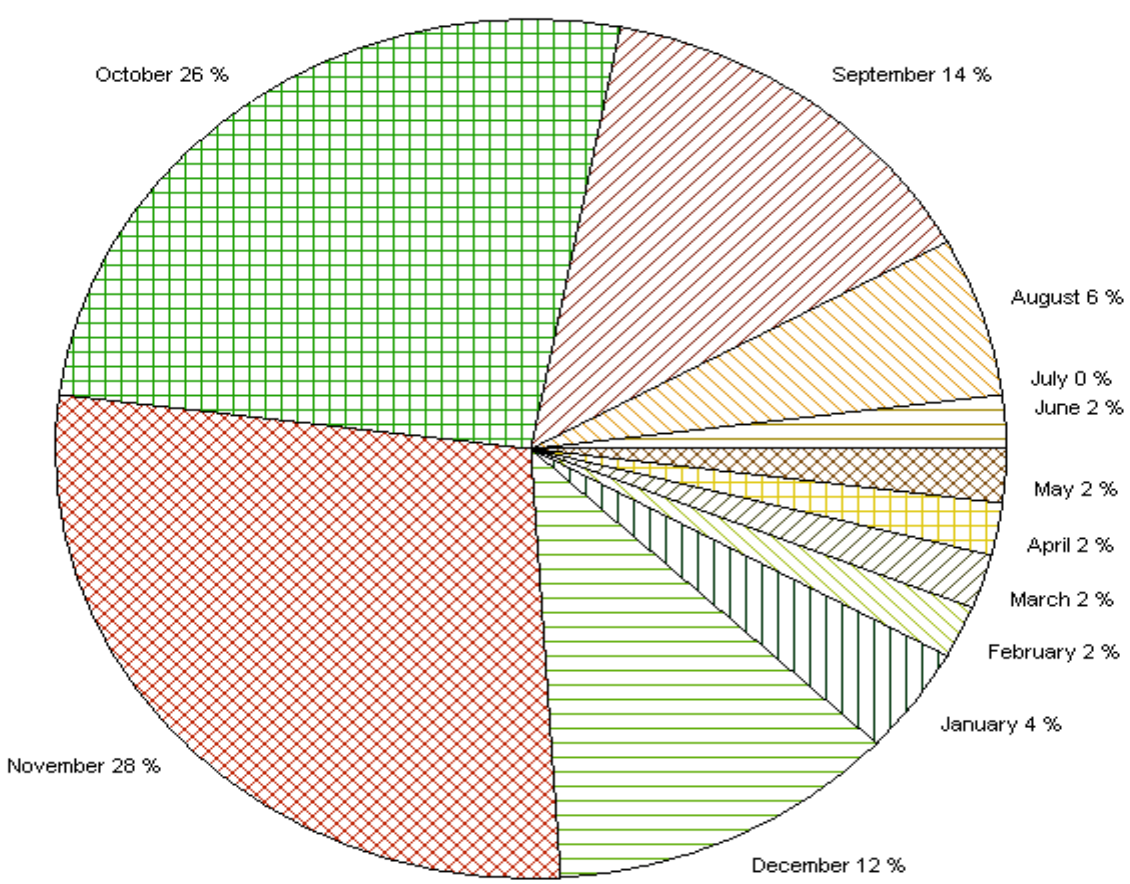
Monthly Average Runoff based on period : 2006-2017

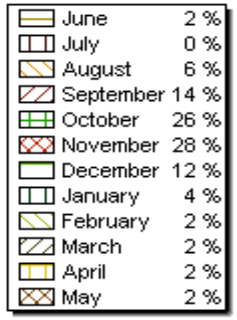
Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore





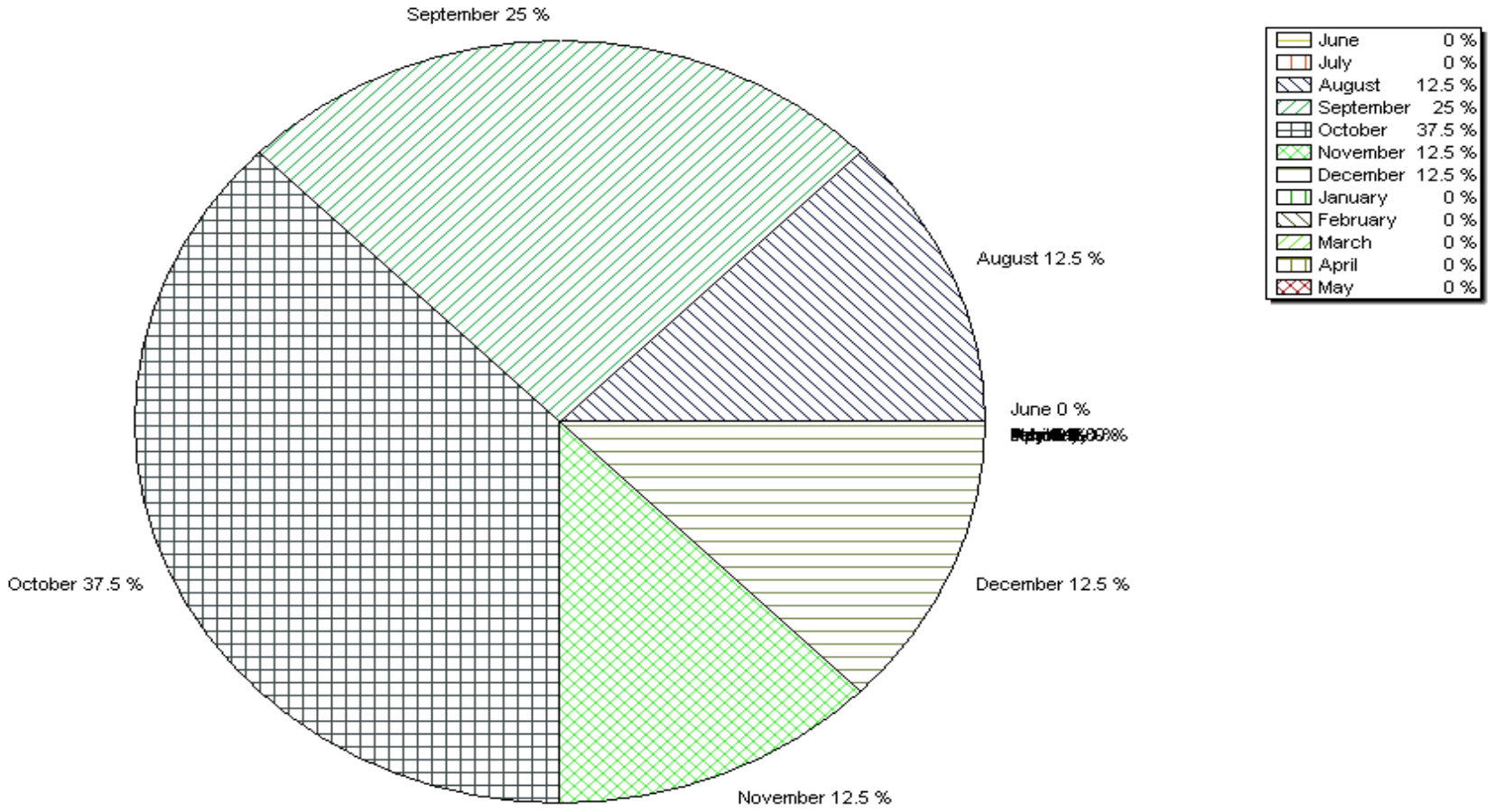
Monthly Runoff for the Year : 2017-2018

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

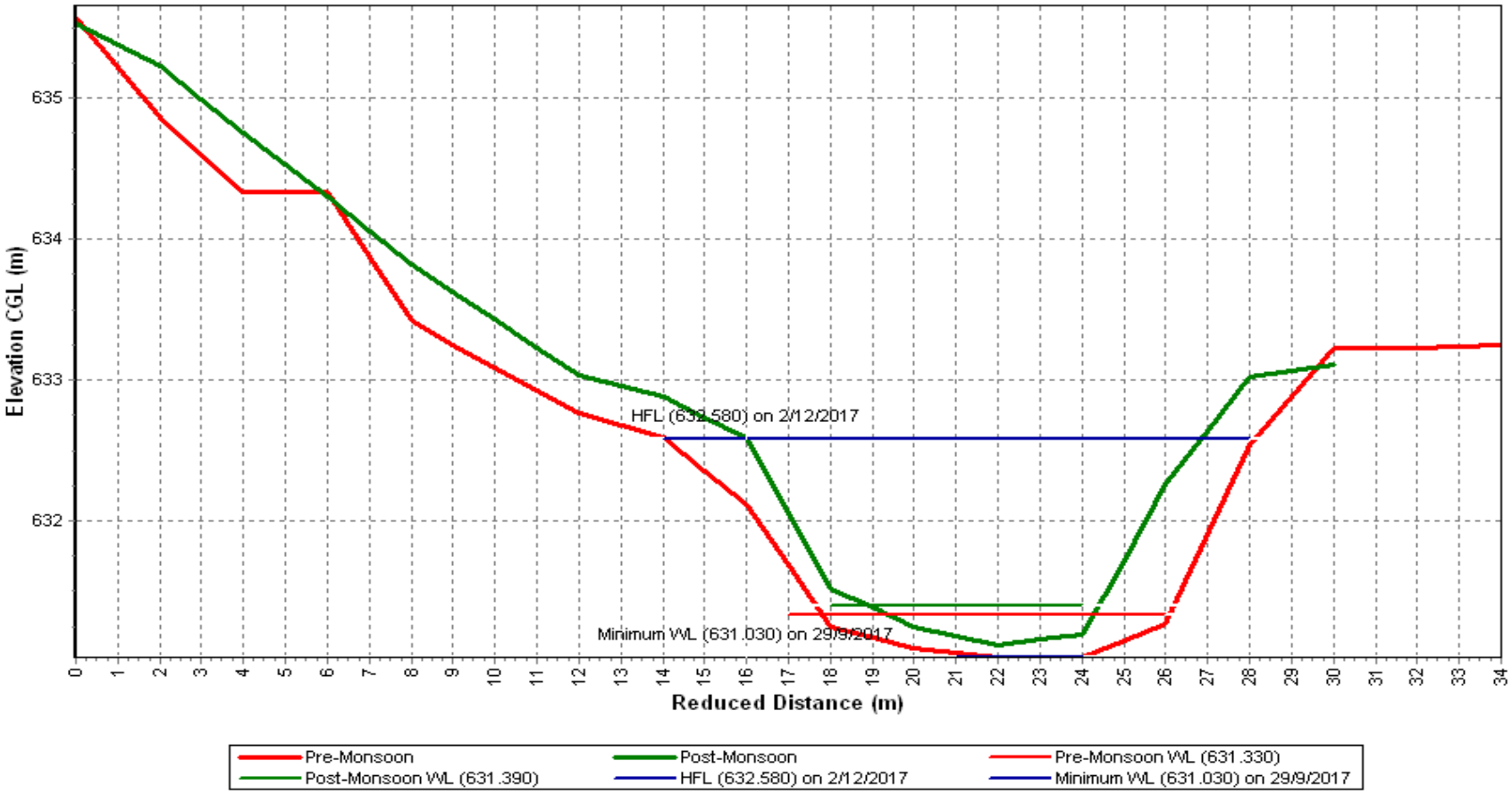


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Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

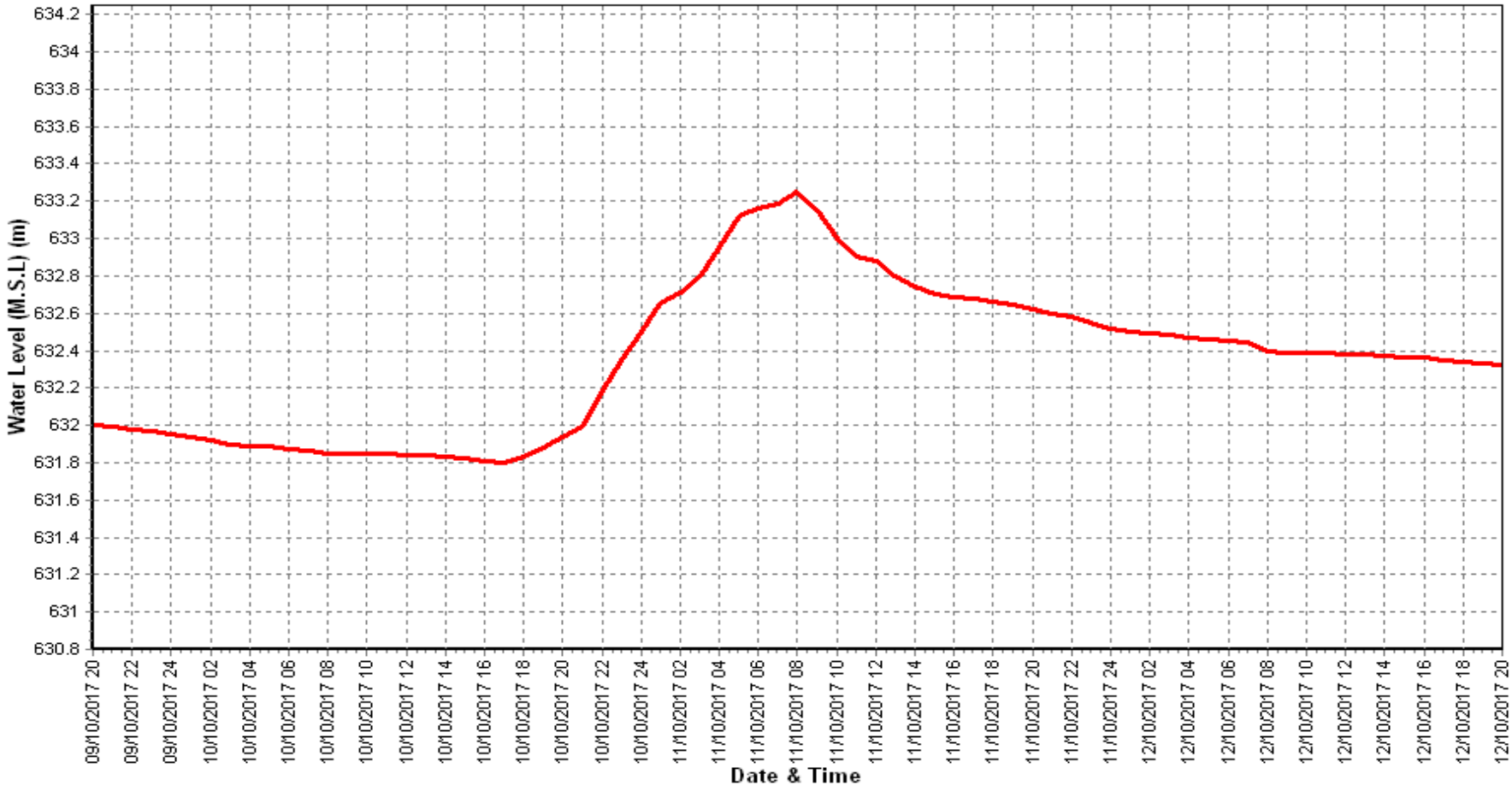
Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**



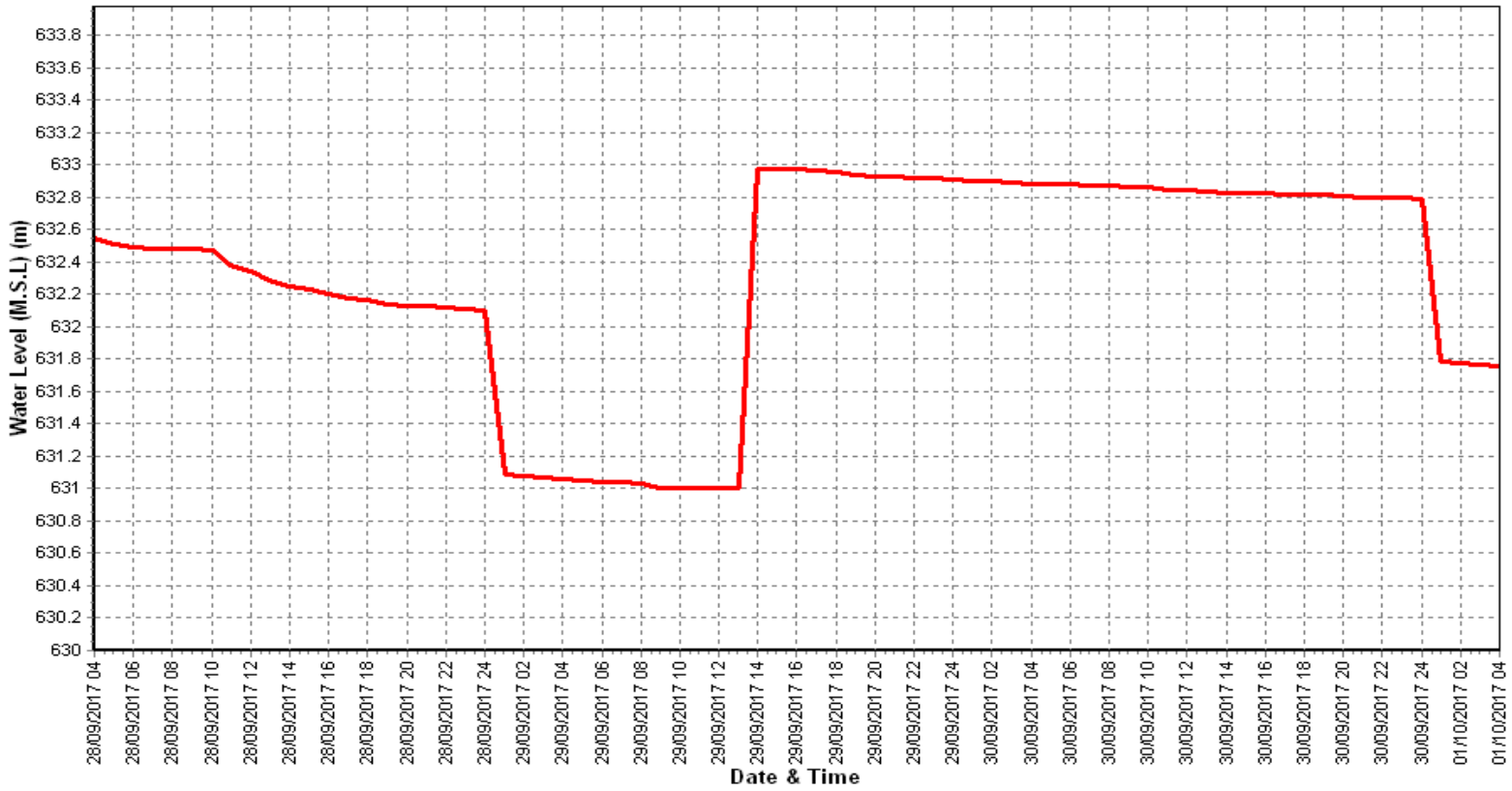
Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**

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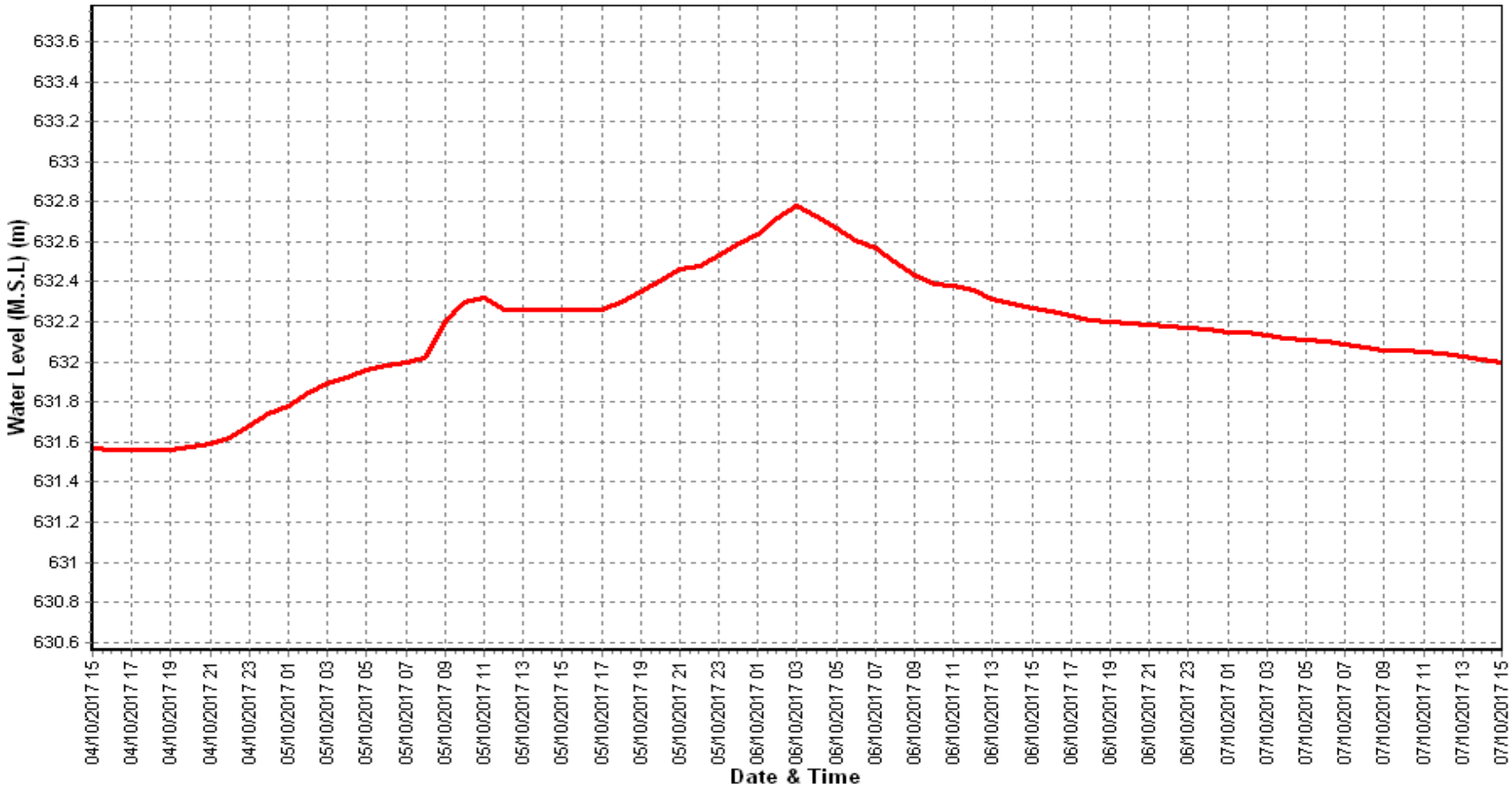


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

Local River : Suvarnavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**:**	**T.Narasipur**	**Code**	**:**	**CCP00B1**
State	:	Karnataka	District		Mysore
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Kabini	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Kabini
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	7000 Sq. Km.	Bank	:	Right
Latitude	:	12°13'48"	Longitude	:	76°53'39"
Zero of Gauge (m)	:	635.000 (m.s.l)	01-02-1971		
		Opening Date	Closing Date		
Gauge	:	01-02-1971			
Discharge	:	12-03-1971			
Sediment	:	20-03-1972			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1971-1972	1054	638.775	15-05-1972	3.400	635.915	09-04-1972
1972-1973	917.5	639.230	19-07-1972	2.600	635.920	28-03-1973
1973-1974	912.5	639.290	13-07-1973	0.700	635.920	11-04-1974
1974-1975	1165	640.125	19-08-1974	5.300	636.110	11-06-1974
1975-1976	1340	641.520	15-08-1975	5.800	636.015	21-06-1975
1976-1977	1062	639.008	05-08-1976	5.800	636.020	30-12-1976
1977-1978	1000	639.073	26-07-1977	4.300	635.960	13-06-1977
1978-1979	1206	639.638	13-07-1978	6.200	636.035	24-01-1979
1979-1980	2325	641.220	04-08-1979	5.500	636.085	18-01-1980
1980-1981	1975	642.260	05-07-1980	12.10	635.978	18-02-1981
1981-1982	1203	641.815	19-08-1981	20.20	636.060	31-03-1982
1982-1983	701.4	638.620	14-08-1982	13.20	635.810	25-02-1983
1983-1984	1382	640.105	24-07-1983	9.900	635.855	05-04-1984
1984-1985	1826	641.220	04-07-1984	6.200	635.750	04-02-1985
1985-1986	1251	639.630	29-06-1985	9.700	635.825	28-01-1986
1986-1987	1005	639.330	10-08-1986	4.800	635.705	28-03-1987
1987-1988	680.4	638.220	20-11-1987	6.329	635.620	11-04-1988
1988-1989	947.1	639.155	05-08-1988	4.573	635.600	28-06-1988
1989-1990	1902	640.470	25-07-1989	4.828	637.145	09-02-1990

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1990-1991	855.0	638.935	17-08-1990	6.000	635.550	24-02-1991
1991-1992	1581	643.187	29-07-1991	6.118	635.465	03-03-1992
1992-1993	1508	640.095	24-06-1992	5.791	635.570	01-06-1992
1993-1994	924.8	639.048	17-08-1993	3.336	635.360	19-03-1994
1994-1995	2006	642.390	17-07-1994	5.500	635.355	18-01-1995
1995-1996	1169	639.230	04-09-1995	3.858	635.240	05-02-1996
1996-1997	710.0	638.360	26-07-1996	3.985	635.240	06-02-1997
1997-1998	1465	640.050	03-08-1997	5.500	635.350	04-02-1998
1998-1999	1043	639.050	03-07-1998	6.600	635.530	04-02-1999
1999-2000	1120	639.165	20-07-1999	2.400	635.450	12-02-2000
2000-2001	1238	640.295	29-08-2000	12.01	635.540	16-02-2001
2001-2002	1206	639.341	11-07-2001	5.645	635.470	09-02-2002
2002-2003	1082	639.083	19-08-2002	1.865	635.420	09-03-2003
2003-2004	231.1	637.360	21-10-2003	2.584	635.550	19-06-2003
2004-2005	917.5	639.130	05-08-2004	1.645	635.260	15-02-2005
2005-2006	2291	641.295	03-08-2005	3.195	635.340	10-02-2006
2006-2007	902.4	639.240	19-08-2006	2.595	635.050	12-02-2007
2007-2008	1752	640.780	18-07-2007	7.030	635.005	03-02-2008
2008-2009	1241	640.025	14-08-2008	2.677	634.870	25-01-2009
2009-2010	1675	639.300	19-07-2009	2.732	634.650	07-02-2010
2010-2011	366.2	637.090	01-08-2010	9.229	634.810	30-04-2011
2011-2012	958.3	638.840	05-09-2011	6.418	634.550	05-02-2012
2012-2013	342.7	636.965	10-08-2012	0.000	634.360	16-03-2013
2013-2014	921.2	640.440	04-08-2013	0.000	634.470	01-06-2013
2014-2015	1035	639.130	08-08-2014	0.000	634.660	06-06-2014
2015-2016	388.4	636.970	30-06-2015	0.000	634.290	26-01-2016
2016-2017	194.4	636.130	09-09-2016	0.000	634.420	16-05-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	634.400	0.000	634.390	0.000	635.745	143.5	636.090	201.3 #	635.680	131.1 *	634.900	38.20
2	634.300	0.000	634.470	0.000	635.670	137.8	636.110	205.2 *	635.630	123.7 *	634.880	37.73
3	634.270	0.000	634.430	0.000	635.690	138.6	635.990	182.6 *	635.410	115.3	634.910	38.35
4	634.170	0.000	634.960	38.12 #	635.650	135.8	635.820	147.6	635.350	107.2	634.880	40.27 *
5	634.160	0.000	634.990	39.61 #	635.670	137.0	635.400	114.7	635.990	178.4	634.900	41.84 *
6	634.530	0.000	634.960	38.12 #	635.660	128.1 *	636.350	229.1	635.980	179.0	634.900	38.17
7	634.560	0.000	635.005	38.23	635.670	137.5	635.850	153.5	635.910	172.6	634.915	38.84
8	634.560	0.000	635.100	43.13	635.600	123.3	635.530	126.6	635.500	105.5 *	634.855	35.67
9	634.540	0.000	635.050	42.70 *	635.550	128.6	635.440	117.8	635.305	73.55	634.800	32.78
10	634.540	0.000	635.060	41.94	635.690	138.2	635.490	104.1 *	635.240	65.06	634.760	30.03
11	634.440	0.000	635.060	41.52	635.455	118.7	635.540	126.1	635.610	113.6	634.740	29.17
12	634.440	0.000	635.025	40.26	635.390	112.7	635.440	116.9	635.570	121.4	634.740	30.19 *
13	634.460	0.000	635.055	45.16	635.410	93.83 *	635.380	111.4	635.135	54.94	634.780	30.93
14	634.460	0.000	635.070	43.18	635.510	123.0	635.260	92.60	634.950	45.92 #	634.800	32.55
15	634.450	0.000	635.060	45.36	635.650	126.6 *	635.300	73.70	634.870	39.49 *	634.770	30.64
16	634.450	0.000	634.900	35.23 *	635.845	151.2	635.250	68.34	634.795	35.06	634.785	31.57
17	634.450	0.000	635.080	39.74	635.430	117.5	635.250	75.00 *	634.825	36.92	634.710	28.94
18	634.470	0.000	635.045	41.99	635.115	60.92 #	635.220	61.14	634.710	28.24 *	634.680	26.89
19	634.470	0.000	635.020	41.09	635.150	64.42 #	635.380	75.29	634.670	32.73	634.730	29.53 *
20	634.490	0.000	635.080	46.45	635.050	55.19 *	636.180	204.7	634.820	36.66	634.710	28.76
21	634.450	0.000	635.080	49.13	635.050	54.73 #	636.330	235.3	634.800	34.31 #	634.730	29.11
22	634.430	0.000	635.030	45.51	635.090	58.50 #	635.720	141.8	634.710	28.24 *	634.770	31.16
23	634.450	0.000	635.410	64.16 *	635.270	73.23	636.115	196.2	634.720	33.14	634.800	32.43
24	634.440	0.000	635.760	143.8	635.390	78.32	636.050	193.7 *	634.690	32.08	634.855	34.35
25	634.440	0.000	635.730	142.2	635.340	85.30 *	636.135	198.4	634.675	30.96	634.910	38.44
26	634.440	0.000	635.750	144.6	635.355	76.97	636.340	232.4	634.700	31.88	634.850	37.97 *
27	634.450	0.000	635.735	141.6	635.380	90.12 *	636.360	236.8	634.800	34.76	634.910	38.51
28	634.410	0.000	635.785	145.7	635.375	77.17	636.570	268.8	634.900	41.84 #	634.950	41.29
29	634.400	0.000	635.730	142.0	635.395	73.67	636.000	184.5 *	635.050	54.73 *	634.970	41.88
30	634.400	0.000	635.730	138.7 *	635.520	125.7	635.830	149.8	634.960	41.41	634.940	41.11
31			635.730	141.2	636.020	182.6			634.900	38.40		
Ten-Daily Mean												
I Ten-Daily	634.403	0.000	634.841	28.19	635.659	134.8	635.807	158.3	635.599	125.1	634.870	37.19
II Ten-Daily	634.458	0.000	635.039	42.00	635.400	102.4	635.420	100.5	634.995	54.50	634.745	29.92
III Ten-Daily	634.431	0.000	635.588	118.1	635.380	88.76	636.145	203.8	634.810	36.52	634.869	36.63
Monthly												
Min.	634.160	0.000	634.390	0.000	635.050	54.73	635.220	61.14	634.670	28.24	634.680	26.89
Max.	634.560	0.000	635.785	145.7	636.020	182.6	636.570	268.8	635.990	179.0	634.970	41.88
Mean	634.431	0	635.170	64.53	635.477	108	635.791	154.2	635.124	70.91	634.828	34.58

Annual Runoff in MCM = 1492 Annual Runoff in mm = 213

Peak Observed Discharge = 268.8 cumecs on 28/09/2017 Corres. Water Level :636.57 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :634.4 m

Q:Observed/Computed Discharge in cumecs WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	634.930	41.01	634.840	33.61 *	634.200	0.000	634.400	10.16	634.610	20.87 *	634.750	24.15
2	635.080	51.18 *	634.840	33.61 *	634.210	0.000	634.450	12.26	634.690	26.92	634.770	24.89
3	635.200	61.54 *	634.810	31.70 *	634.280	0.000	634.460	12.57	634.760	32.60	634.830	28.38
4	635.025	45.02	634.760	28.50	634.270	0.000	634.420	11.00 *	634.840	35.47	635.100	33.97
5	634.935	41.61	634.760	28.22	634.200	0.000	634.390	8.955	634.800	33.67	635.280	45.19
6	635.010	44.13	634.700	0.000	634.160	0.000	634.380	7.334	634.750	31.68	635.130	37.32 *
7	634.870	35.12	634.630	0.000	634.130	0.000	634.360	7.873	634.690	27.86	634.970	31.11
8	634.880	35.38	634.570	0.000	634.250	0.000	634.350	7.710	634.590	19.66 *	634.890	29.58
9	634.880	35.77	634.550	0.000	634.200	0.000	634.430	10.73	634.530	19.33	634.830	28.12
10	634.860	34.93 *	634.520	0.000	634.230	0.000	634.440	10.87	634.570	20.53	634.770	26.15
11	634.845	34.39	634.530	0.000	634.360	0.000	634.470	13.25 *	634.580	20.75	635.040	32.60
12	634.830	33.19	634.520	0.000	634.400	0.000	634.540	18.71	634.630	21.73	635.180	39.46 *
13	634.850	34.65	634.470	0.000	634.440	0.000	634.620	22.74	634.720	28.66	635.160	38.60 *
14	634.850	34.57	634.450	0.000	634.500	0.000	634.690	27.65	634.810	34.55	635.140	34.86
15	634.870	35.37	634.440	0.000	634.420	0.000	634.720	29.03	634.900	43.42 *	635.140	34.80
16	634.815	32.87	634.395	0.000	634.370	0.000	634.780	37.93	634.870	37.82	635.130	34.60
17	634.810	31.70 *	634.400	0.000	634.600	0.000	635.100	50.62	634.940	41.41	635.070	33.72
18	634.790	32.30	634.400	10.17 #	634.600	0.000	634.810	35.39 *	634.930	41.08	634.990	32.15
19	634.880	35.64	634.450	12.32 #	634.570	0.000	634.740	30.03	634.840	27.30	634.960	31.23
20	634.930	41.13	634.450	12.32 #	634.560	0.000	634.670	27.57	634.760	22.69	635.050	34.02 *
21	634.930	41.29	634.450	12.32 *	634.500	0.000	634.590	20.44	634.680	17.67	635.180	35.35
22	634.930	41.34	634.470	13.25 #	634.550	0.000	634.550	18.83	634.610	19.00 *	635.140	34.87
23	634.845	35.34	634.460	0.000	634.700	0.000	634.510	15.64	634.570	14.23	635.110	33.01
24	634.800	31.08 *	634.450	0.000	634.750	0.000	634.490	14.36	634.800	25.45	635.190	35.39
25	634.870	35.58 *	634.440	0.000	634.810	35.39 *	634.600	20.25 *	634.880	33.61	635.290	45.28
26	634.860	35.52	634.400	0.000	634.790	37.49	634.710	27.89	634.990	40.35	635.720	67.31 #
27	634.860	34.88	634.380	0.000	634.650	22.32	634.620	22.68	634.950	30.71	635.770	70.33 *
28	634.905	37.08	634.350	0.000	634.550	0.000	634.590	20.48	634.920	30.18	635.340	57.14
29	634.805	29.46	634.305	0.000			634.550	17.35 *	634.860	26.91 *	635.190	35.70
30	634.850	30.64	634.250	0.000			634.610	20.87 *	634.780	24.20 *	634.930	30.62
31	634.870	35.58 *	634.220	0.000			634.610	21.01			634.800	25.58
Ten-Daily Mean												
I Ten-Daily	634.967	42.57	634.698	15.56	634.213	0.000	634.408	9.946	634.683	26.86	634.932	30.89
II Ten-Daily	634.847	34.58	634.451	3.481	634.482	0.000	634.714	29.29	634.798	31.94	635.086	34.60
III Ten-Daily	634.866	35.25	634.380	2.325	634.662	11.90	634.585	19.98	634.804	26.23	635.242	42.78
Monthly												
Min.	634.790	29.46	634.220	0.000	634.130	0.000	634.350	7.334	634.530	14.23	634.750	24.15
Max.	635.200	61.54	634.840	33.61	634.810	37.49	635.100	50.62	634.990	43.42	635.770	70.33
Mean	634.892	37.4	634.505	6.968	634.438	3.4	634.569	19.75	634.762	28.34	635.092	36.31

Peak Computed Discharge = 205.2 cumecs on 02/09/2017 **Corres. Water Level :636.11 m**

Lowest Computed Discharge = 11.00 cumecs on 04/03/2018 **Corres. Water Level :634.42 m**

Q:Observed/Computed Discharge in cumecs WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

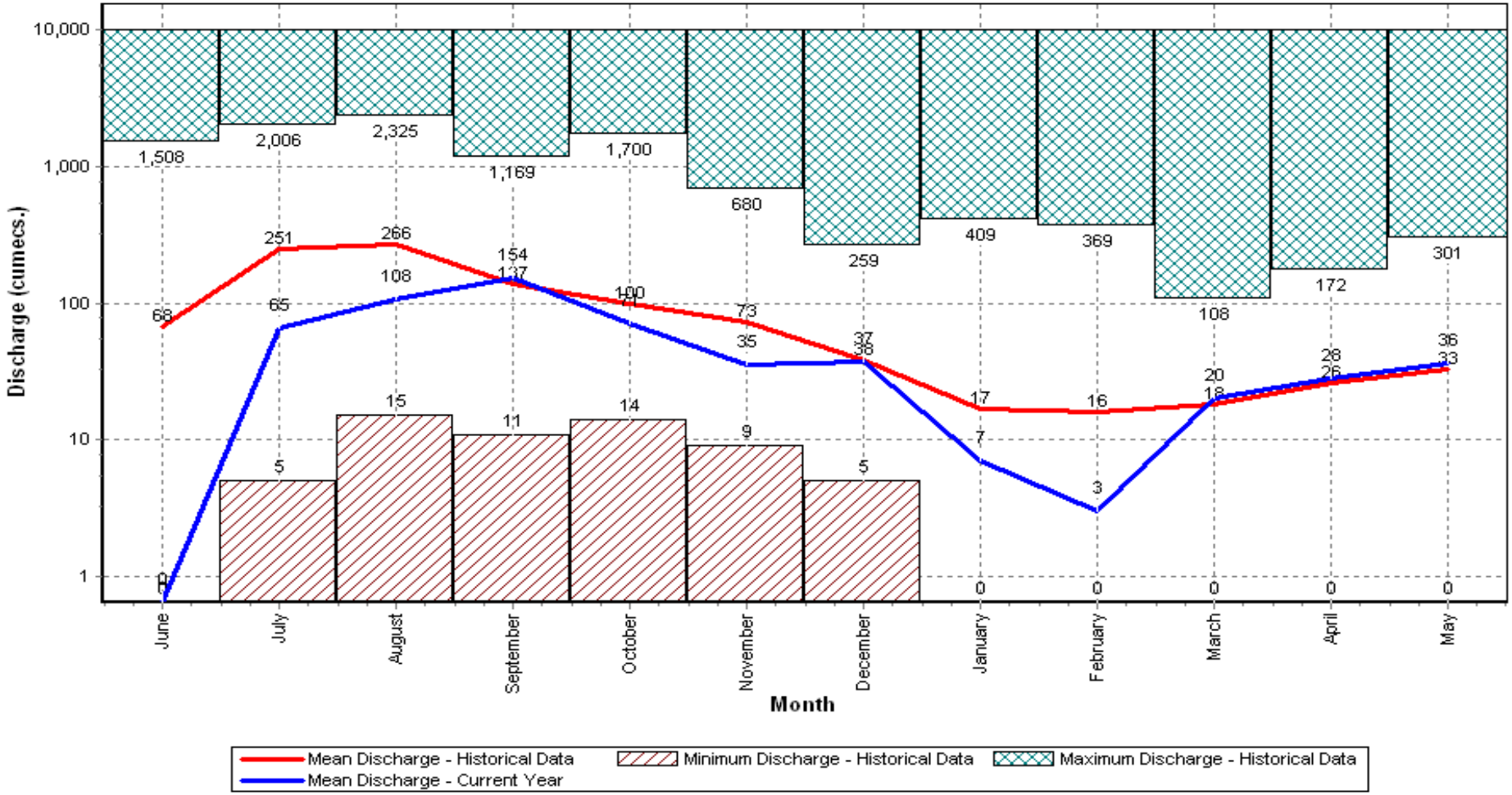
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : T.Narasipur (CCP00B1) | **Data considered : 1975-2018** | **Division : Cauvery Division, Bangalore**

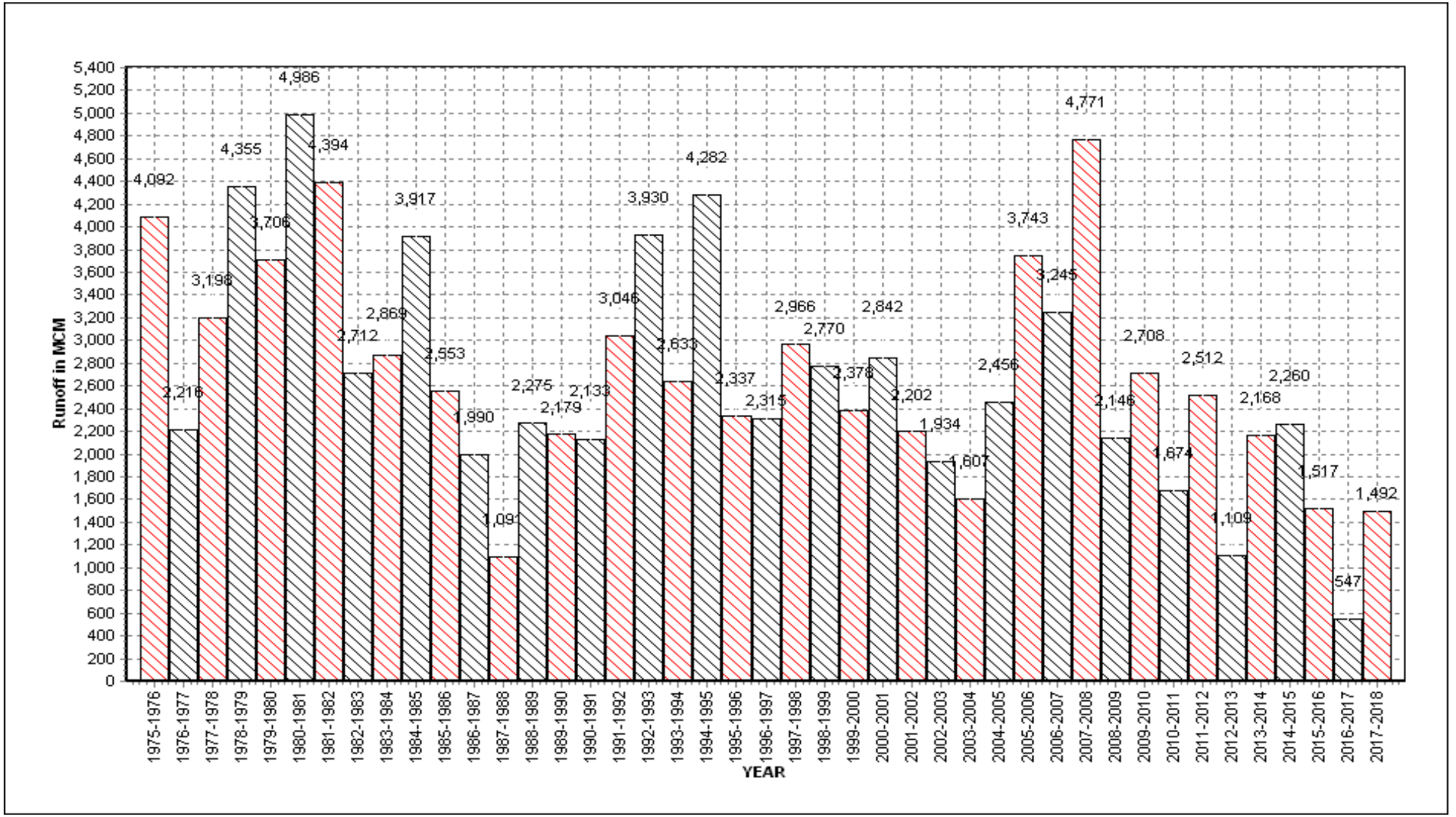
Local River : Kabini | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1975 - 2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**



Note: Missing values have not been considered while arriving at Annual Runoff

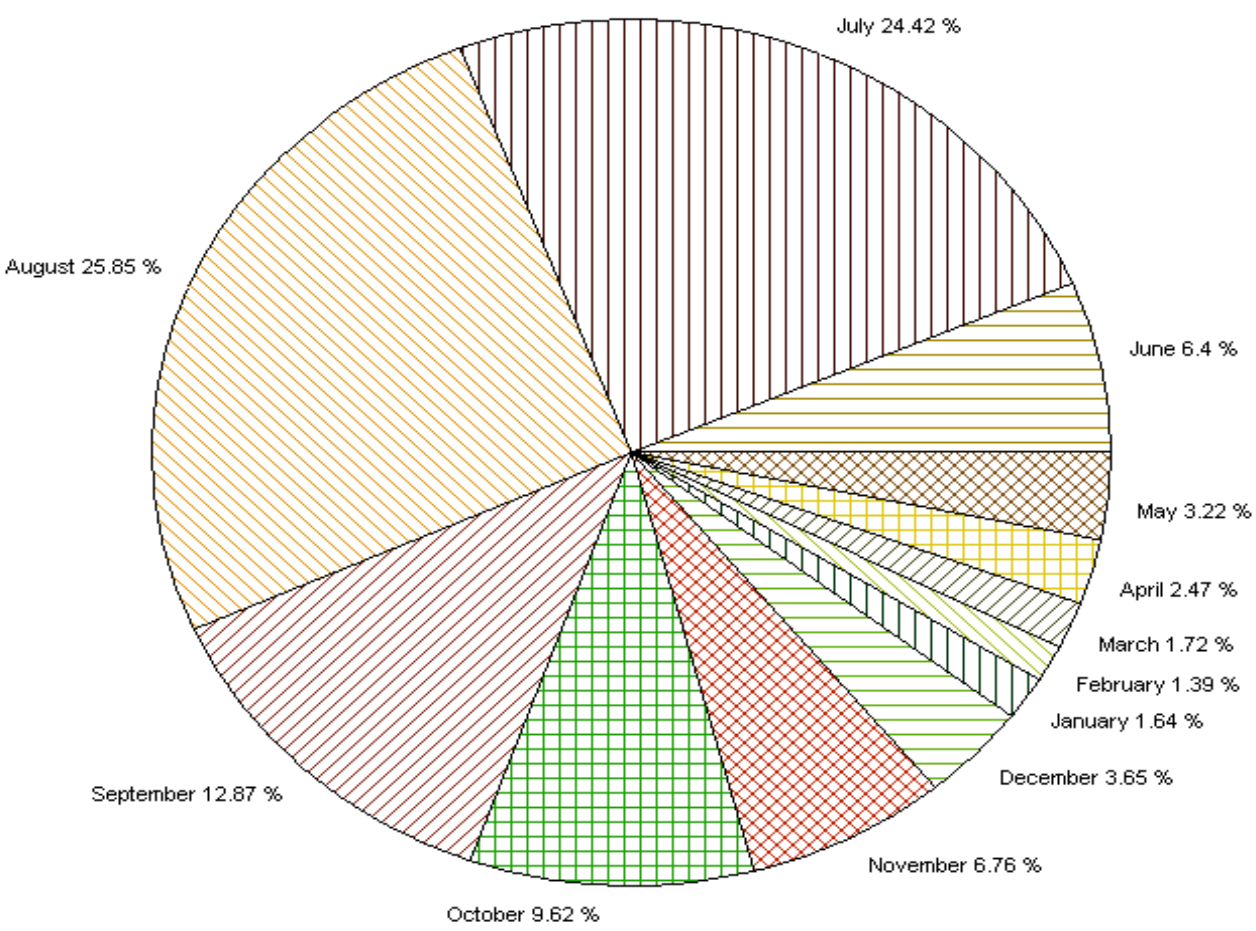
Monthly Average Runoff based on period : 1975-2017

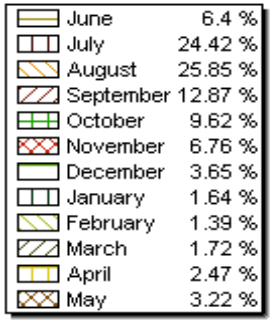
Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore





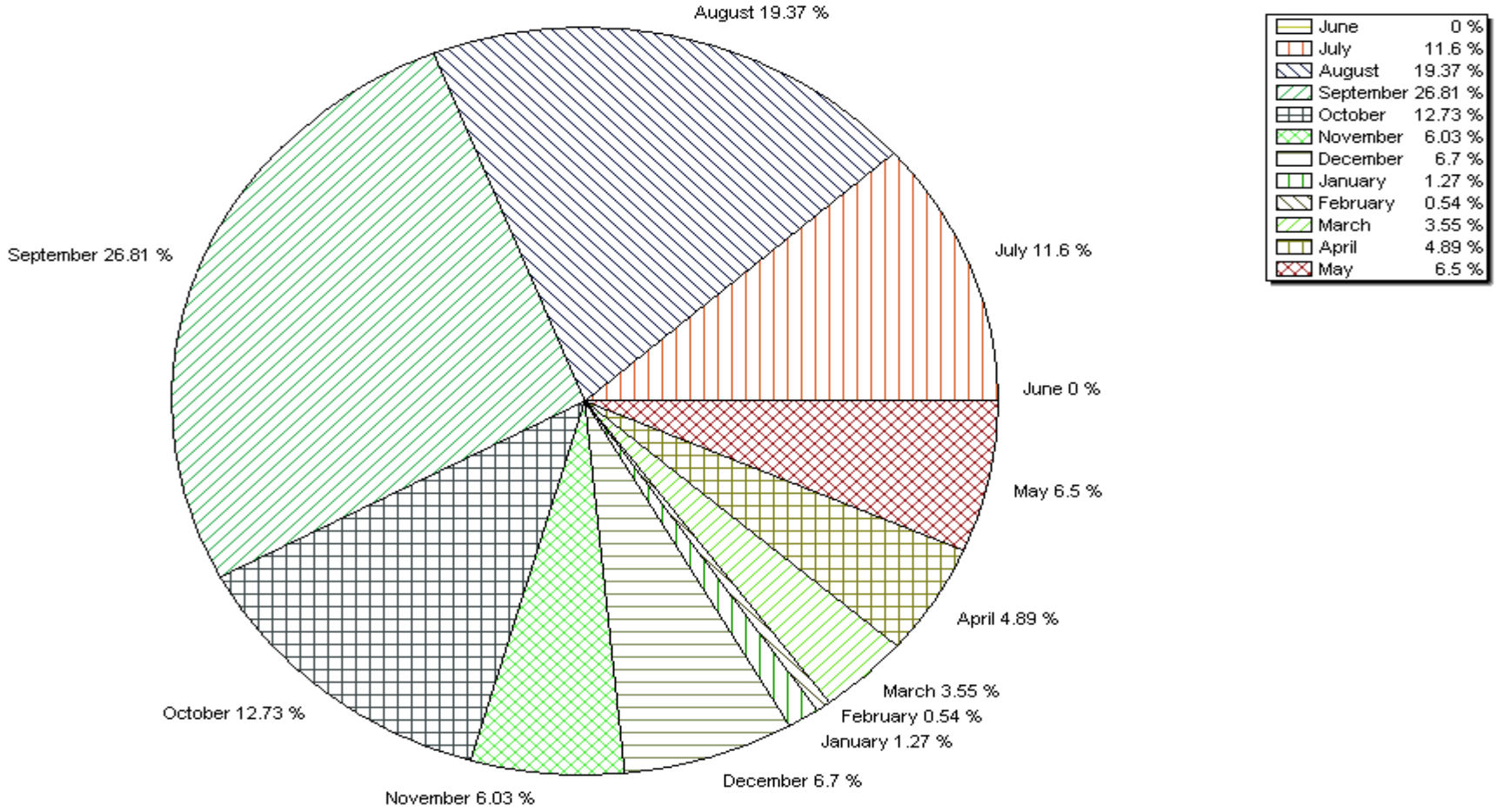
Monthly Runoff for the Year : 2017-2018

Station Name : T.Narasipur (CCP00B1)

Division : Cauvery Division, Bangalore

Local River : Kabini

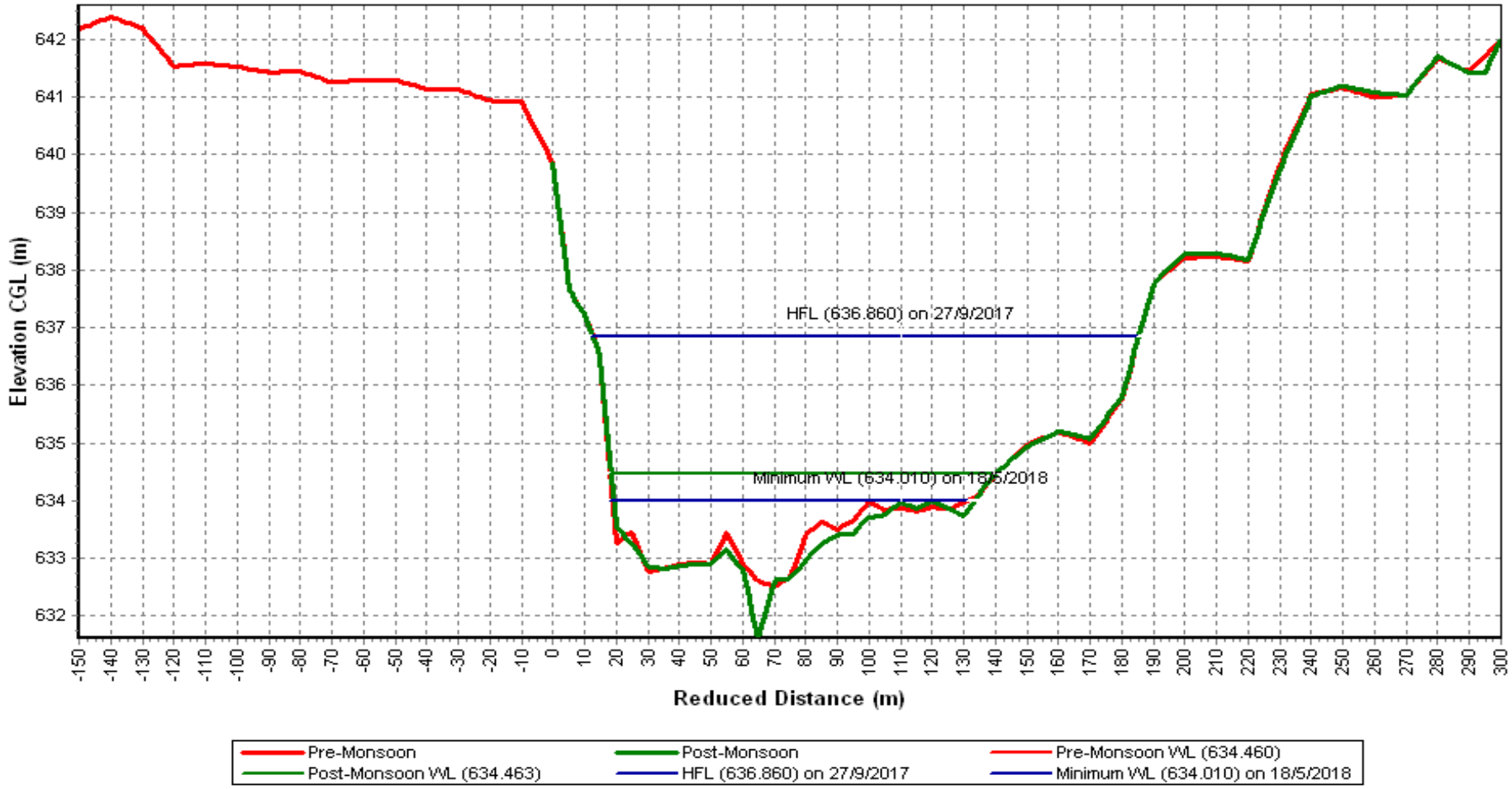
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

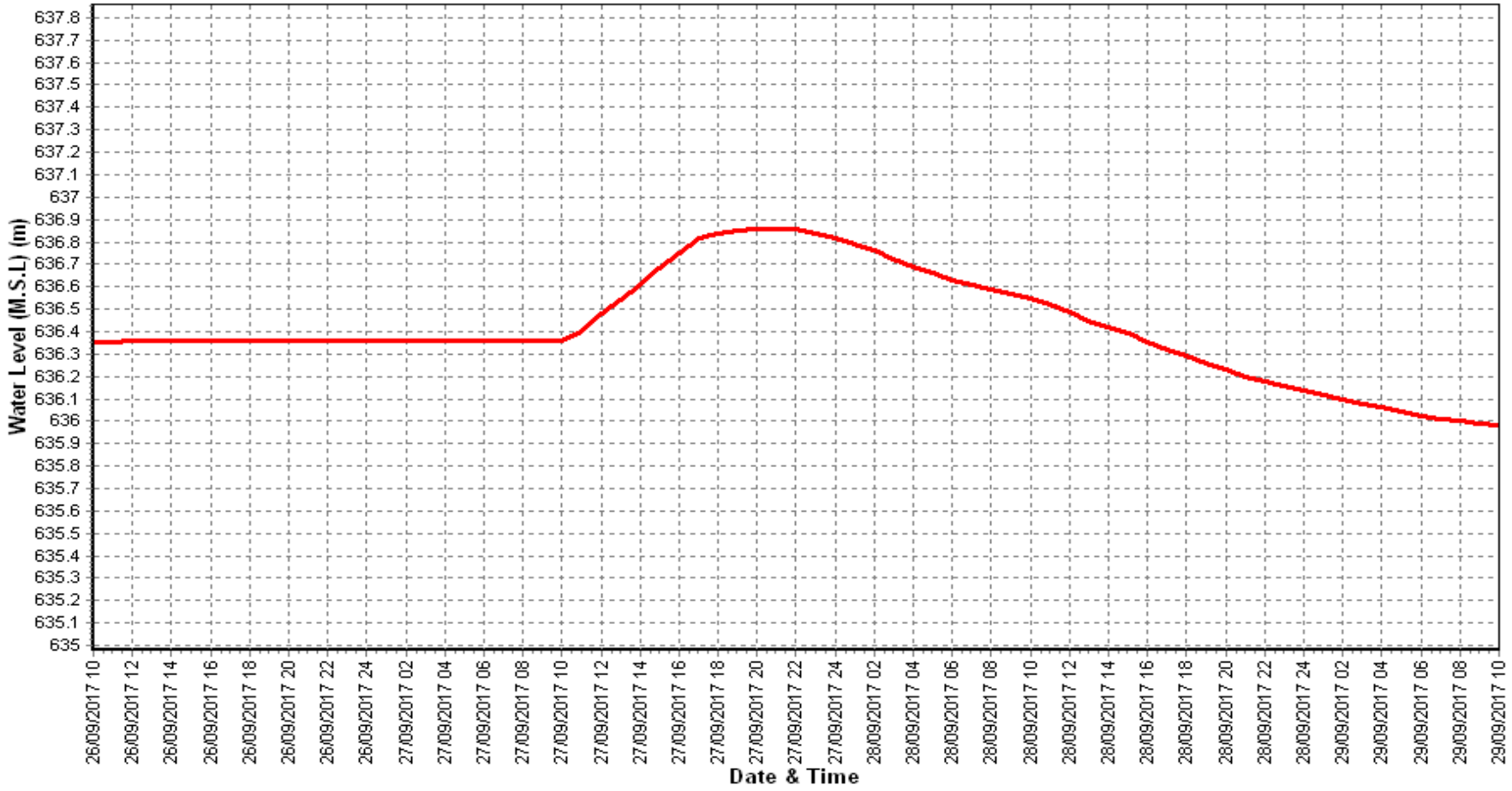
Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

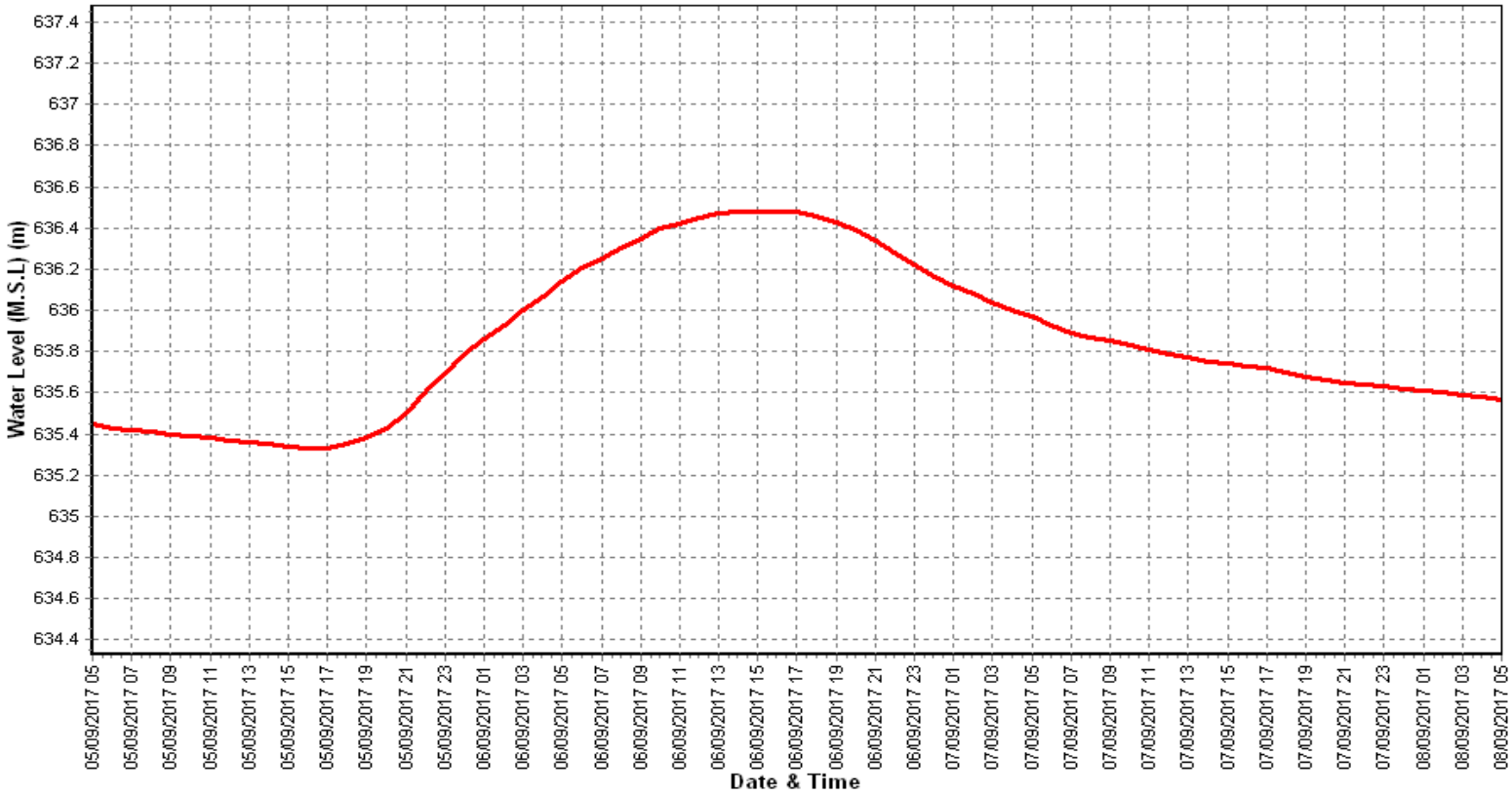


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

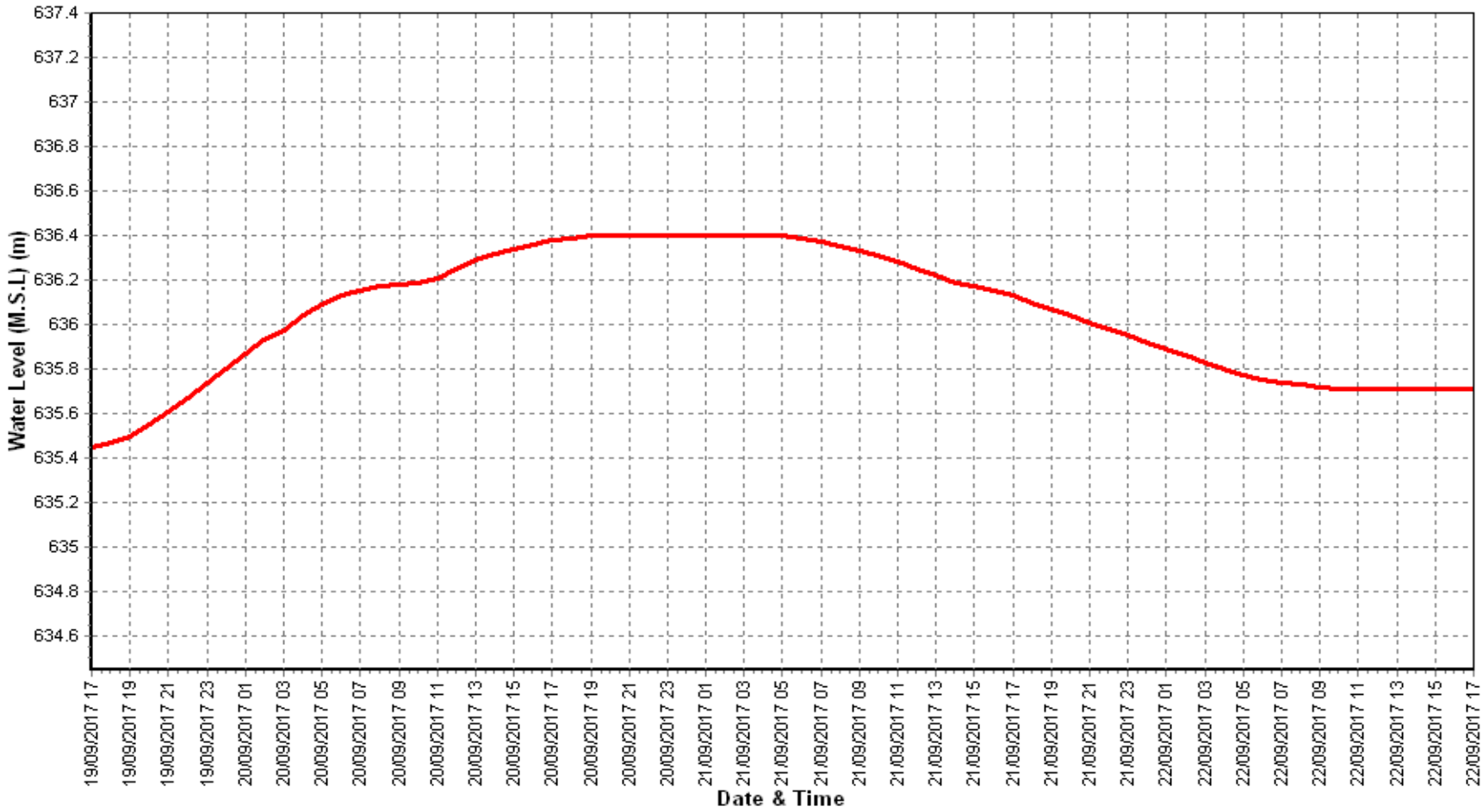


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	**:**	**MUTHANKERA**	**Code**	**:**	**CCP00T8**
State	:	Kerala	District		Wayanad
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Kabini	Sub Tributary	:	-
Sub-Sub Tributary	:	-	Local River	:	Kabini
Division	:	SWR Division, Cochin	Sub-Division	:	Chaliyar SD, Calicut
Drainage Area	:	1260 Sq. Km.	Bank	:	Right
Latitude	:	11°48'30"	Longitude	:	76°05'02"
Zero of Gauge (m)	:	705.000 (m.s.l)	01-06-1973		
		Opening Date	Closing Date		
Gauge	:	01-06-1973			
Discharge	:	01-06-1973			
Sediment	:	15-02-1974			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1973-1974	1220	711.605	18-06-1973	1.700	707.165	20-03-1974
1974-1975	1109	711.755	27-07-1974	1.100	707.130	04-04-1975
1975-1976	1150	711.900	14-08-1975	3.000	707.208	30-03-1976
1976-1977	733.2	710.693	24-07-1976	3.200	707.175	27-03-1977
1977-1978	713.9	710.988	27-07-1977	2.200	707.360	20-05-1978
1978-1979	539.0	710.930	25-06-1978	2.500	707.200	13-04-1979
1979-1980	2050	712.100	03-08-1979	0.000	707.360	13-02-1980
1980-1981	1890	712.510	03-07-1980	0.800	706.750	18-03-1981
1981-1982	838.1	711.290	19-08-1981	1.800	707.165	13-04-1982
1982-1983	669.0	710.735	03-08-1982	0.000	707.295	03-02-1983
1983-1984	695.0	711.570	23-07-1983	0.000	707.305	01-06-1983
1984-1985	763.9	711.480	18-06-1984	0.000	707.295	01-06-1984
1985-1986	1073	711.640	27-06-1985	0.900	707.175	02-04-1986
1986-1987	818.5	710.890	09-08-1986	0.000	706.970	22/04/21987
1987-1988	427.3	709.725	26-08-1987	0.625	707.105	03-04-1988
1988-1989	950.8	711.345	19-07-1988	0.000	707.010	17-04-1989
1989-1990	1355	712.370	25-07-1989	0.000	706.985	06-04-1990
1990-1991	685.9	710.570	17-08-1990	0.486	707.105	01-04-1991
1991-1992	1030	711.534	29-07-1991	0.200	707.040	15-04-1992

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1992-1993	1584	712.737	22-06-1992	3.962	707.285	20-03-1993
1993-1994	589.4	710.411	02-08-1993	1.379	707.112	26-03-1994
1994-1995	1160	711.850	15-07-1994	0.500	707.080	02-04-1995
1995-1996	765.0	710.920	02-09-1995	0.000	707.060	06/03/01996
1996-1997	600.2	710.398	25-07-1996	1.012	707.145	15-04-1997
1997-1998	782.7	711.010	11-07-1997	1.000	707.170	22-03-1998
1998-1999	882.1	711.215	02-07-1998	0.399	707.070	08-04-1999
1999-2000	770.2	710.905	20-07-1999	0.375	707.045	03-04-2000
2000-2001	875.9	710.990	27-08-2000	0.811	707.120	31-03-2001
2001-2002	907.6	711.095	09-07-2001	1.336	707.235	27-03-2002
2002-2003	591.6	710.490	18-08-2002	0.692	707.090	09-04-2003
2003-2004	409.3	709.805	17-07-2003	0.000	707.025	25-02-2004
2004-2005	969.2	711.280	06-08-2004	0.000	707.135	21-03-2005
2005-2006	1043	711.330	28-07-2005	0.034	707.315	05-06-2005
2006-2007	816.7	711.050	05-07-2006	0.080	707.065	12-04-2007
2007-2008	1595	712.390	18-07-2007	1.653	707.200	05-03-2008
2008-2009	617.2	710.480	30-07-2008	0.920	707.430	12-03-2009
2009-2010	1180	712.250	18-07-2009	1.545	707.380	05-06-2009
2010-2011	550.6	710.410	30-07-2010	2.015	707.175	18-03-2011
2011-2012	574.8	710.360	19-06-2011	0.127	707.250	05-04-2012
2012-2013	493.9	710.250	07-08-2012	0.000	707.245	02-06-2012
2013-2014	833.2	711.555	03-08-2013	0.570	707.100	03-04-2014
2014-2015	789.7	710.810	02-08-2014	0.000	707.430	09-02-2015
2015-2016	792.7	710.880	27-06-2015	0.752	707.420	03-06-2015
2016-2017	572.0	710.205	29-06-2016	0.231	707.060	14-03-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	707.500	7.368	708.530	119.1	708.060	58.54	708.720	153.6 *	708.220	70.29 *	707.800	28.45
2	707.460	6.881	708.410	97.49 *	708.100	58.83	708.530	118.0	708.260	75.59 *	707.780	26.00
3	707.450	6.782	708.500	114.3	708.010	49.34	708.700	149.5 *	708.200	80.54	707.760	25.11
4	707.600	15.02 *	708.430	104.6	708.300	86.43	708.450	103.9 *	708.150	59.42	707.750	24.09 *
5	707.580	11.89	708.240	91.82	708.700	142.3	708.900	184.4	708.100	54.57	707.745	23.75 *
6	707.620	14.05	708.260	92.74	709.000	217.5 *	708.740	150.2	708.380	85.87	707.760	25.04
7	707.620	14.03	708.270	93.02	708.840	164.1	708.430	100.4	708.140	59.93	707.780	25.50
8	707.600	12.84	708.350	99.84	708.495	113.1	708.400	87.40	708.060	51.33 *	707.780	26.02
9	707.580	12.18	708.140	60.38 *	708.365	87.63	708.540	118.0	708.065	53.40	707.760	24.17
10	707.580	12.19	708.010	52.65	708.530	119.8	708.360	89.83 *	708.045	51.28	707.750	23.84
11	707.780	26.21 *	707.960	46.58	708.260	83.03	708.220	81.01	708.440	98.69	707.740	23.29
12	708.400	99.11	708.310	98.47	708.560	127.2	708.160	65.70	708.165	62.05	707.720	22.07 *
13	708.420	103.1	708.130	58.38	708.260	75.59 *	708.100	52.53	708.115	57.58	707.685	18.91
14	708.330	92.68	708.465	107.1	708.150	66.31	708.125	66.24	708.240	83.32	707.675	18.67
15	708.055	59.51	708.330	99.22	708.080	53.51 *	708.315	93.50	708.060	51.33 *	707.665	18.28
16	707.860	40.61	708.370	143.5 *	708.270	85.20	708.140	64.72	708.060	53.60	707.650	15.90
17	707.890	42.99	708.720	150.0	708.145	67.26	709.340	313.4 *	707.990	50.67	707.650	15.86
18	707.730	22.73 *	708.660	134.6	708.080	58.65	710.140	505.2	708.200	67.73 *	707.650	15.90
19	707.660	16.20	709.410	303.7	708.210	81.32	710.030	451.9	707.970	38.78	707.670	18.94 *
20	707.630	14.74	710.190	524.8	708.670	143.5 *	709.675	378.3	707.940	37.72	707.745	22.71
21	707.650	15.37	709.850	439.4	709.095	229.7	709.270	294.3	707.890	38.17	707.820	30.17
22	707.710	23.11	709.290	289.1	709.040	208.2	708.890	182.6	707.890	34.91 *	707.750	24.06
23	707.800	30.02	708.880	188.5 *	709.010	200.7	708.620	128.8	707.860	36.97	707.725	23.35
24	707.940	46.77	708.635	130.6	708.690	135.8	708.490	110.5 *	707.840	35.08	707.690	19.32
25	708.080	53.51 *	708.465	105.9	708.440	102.8	708.460	104.0	707.810	28.29	707.630	15.35
26	708.290	79.70 *	708.300	89.51	708.330	93.60	708.425	94.88	707.875	40.31	707.620	16.09 *
27	709.490	350.9	708.295	88.90	708.840	179.4 *	708.450	100.6	708.030	53.33	707.610	13.18
28	709.190	270.0	708.395	100.2	709.090	227.4	708.400	87.65	708.380	88.26	707.600	13.36
29	709.130	252.6	708.400	104.3	709.700	373.4	708.330	85.41 *	707.970	42.17 *	707.595	13.04
30	708.610	142.2	708.220	70.29 *	709.810	389.4	708.240	72.91 *	707.850	33.28	707.590	12.83
31			708.150	67.73	709.180	258.6			707.815	29.55		
Ten-Daily Mean												
I Ten-Daily	707.559	11.32	708.314	92.59	708.440	109.8	708.577	125.5	708.162	64.22	707.766	25.20
II Ten-Daily	707.976	51.79	708.655	166.6	708.268	84.16	708.825	207.3	708.118	60.15	707.685	19.05
III Ten-Daily	708.389	126.4	708.625	152.2	709.020	218.1	708.557	126.2	707.928	41.85	707.663	18.07
Monthly												
Min.	707.450	6.782	707.960	46.58	708.010	49.34	708.100	52.53	707.810	28.29	707.590	12.83
Max.	709.490	350.9	710.190	524.8	709.810	389.4	710.140	505.2	708.440	98.69	707.820	30.17
Mean	707.974	63.18	708.534	137.6	708.591	139.9	708.653	153	708.065	54.97	707.705	20.78

Annual Runoff in MCM = 1634 Annual Runoff in mm = 1297

Peak Observed Discharge = 524.8 cumecs on 20/07/2017 Corres. Water Level :710.19 m

Lowest Observed Discharge = 0.237 cumecs on 13/03/2018 Corres. Water Level :707.05 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	707.580	12.58	707.455	2.927	707.330	4.263	707.140	0.772	707.250	2.437 *	707.330	4.124
2	707.600	13.78 *	707.450	2.870	707.320	4.039	707.140	0.764	707.250	2.431	707.495	7.316
3	707.630	16.04 *	707.440	2.913	707.320	4.007	707.130	0.751	707.290	3.107	707.530	8.815
4	707.600	13.23	707.440	2.912	707.310	3.671 *	707.120	0.714 *	707.360	5.477	707.650	16.12
5	707.585	12.67	707.440	2.920	707.310	3.568	707.090	0.356	707.330	3.965	707.540	9.955
6	707.580	12.23	707.440	2.889	707.300	3.650	707.080	0.340	707.310	3.938	707.450	7.790 *
7	707.560	11.66	707.440	2.851 *	707.300	3.615	707.080	0.335	707.320	4.065	707.390	6.115
8	707.560	11.54	707.440	2.903	707.300	3.579	707.080	0.335	707.360	4.934 *	707.360	5.588
9	707.555	11.45	707.435	2.889	707.300	3.594	707.070	0.321	707.320	4.099	707.400	6.577
10	707.550	10.45 *	707.430	2.833	707.310	3.883	707.070	0.323	707.250	2.450	707.560	11.47
11	707.540	9.472	707.430	2.808	707.300	3.444 *	707.070	0.353 *	707.230	2.329	707.650	15.96
12	707.540	9.450	707.430	2.832	707.300	3.608	707.050	0.242	707.220	2.252	707.740	24.40
13	707.550	10.33	707.430	2.820	707.310	3.671 *	707.050	0.237	707.210	2.120	707.790	26.26 *
14	707.550	10.27	707.430	2.663 *	707.310	3.844	707.050	0.239	707.300	3.444 *	707.915	28.74
15	707.570	11.69	707.420	2.769	707.320	3.945	707.240	2.547	707.290	3.226 *	707.630	15.37
16	707.550	6.642	707.380	5.880	707.300	3.646	707.730	25.13	707.330	3.992	707.660	18.67
17	707.530	4.895 *	707.380	6.318	707.300	3.589	707.470	7.000	707.350	4.930	707.735	18.38
18	707.515	5.177	707.370	5.930	707.300	3.444 *	707.380	5.503 *	707.390	6.176	707.915	28.62
19	707.505	4.262 #	707.370	5.817	707.290	3.396	707.470	7.022	707.360	5.131	707.660	18.46
20	707.505	3.330	707.370	5.709	707.280	3.180	707.440	6.254	707.340	4.733	707.690	19.47 *
21	707.510	3.491	707.365	5.073 *	707.220	2.300	707.430	6.169	707.375	5.972	707.650	15.59
22	707.520	5.537	707.360	5.453	707.220	2.303	707.340	4.862	707.450	7.790 *	707.570	12.00
23	707.505	4.461	707.350	5.092	707.210	2.219	707.380	6.357	707.420	6.027	707.520	10.56 #
24	707.495	4.023 *	707.350	5.018	707.210	2.209	707.370	5.974	707.390	6.089	707.580	11.98
25	707.480	3.679 *	707.360	5.382	707.200	1.629 *	707.370	5.214 *	707.450	6.373	707.790	27.19
26	707.470	3.167	707.360	4.934 *	707.200	2.093	707.320	4.159	707.370	5.968	708.330	89.18
27	707.460	2.882	707.350	5.024	707.160	0.813	707.290	3.126	707.340	4.796	707.970	41.65 *
28	707.460	2.889	707.350	4.664 *	707.150	0.788	707.250	2.432	707.330	4.591	708.300	87.91
29	707.450	2.880	707.340	4.889			707.240	2.260 *	707.300	3.444 *	707.860	27.44
30	707.450	2.875	707.330	4.255			707.240	2.260 *	707.270	2.816 *	708.620	126.4
31	707.450	3.047 *	707.330	4.230			707.280	3.314			708.060	54.45
Ten-Daily Mean												
I Ten-Daily	707.580	12.56	707.441	2.891	707.310	3.787	707.100	0.501	707.304	3.690	707.471	8.388
II Ten-Daily	707.536	7.551	707.401	4.355	707.301	3.577	707.295	5.452	707.302	3.833	707.739	21.43
III Ten-Daily	707.477	3.539	707.350	4.910	707.196	1.794	707.319	4.193	707.369	5.387	707.932	45.85
Monthly												
Min.	707.450	2.875	707.330	2.663	707.150	0.788	707.050	0.237	707.210	2.120	707.330	4.124
Max.	707.630	16.04	707.455	6.318	707.330	4.263	707.730	25.13	707.450	7.790	708.620	126.4
Mean	707.529	7.744	707.396	4.08	707.274	3.143	707.241	3.408	707.325	4.303	707.721	25.89

Peak Computed Discharge = 313.4 cumecs on 17/09/2017 Corres. Water Level :709.34 m

Lowest Computed Discharge = 0.353 cumecs on 11/03/2018 Corres. Water Level :707.07 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

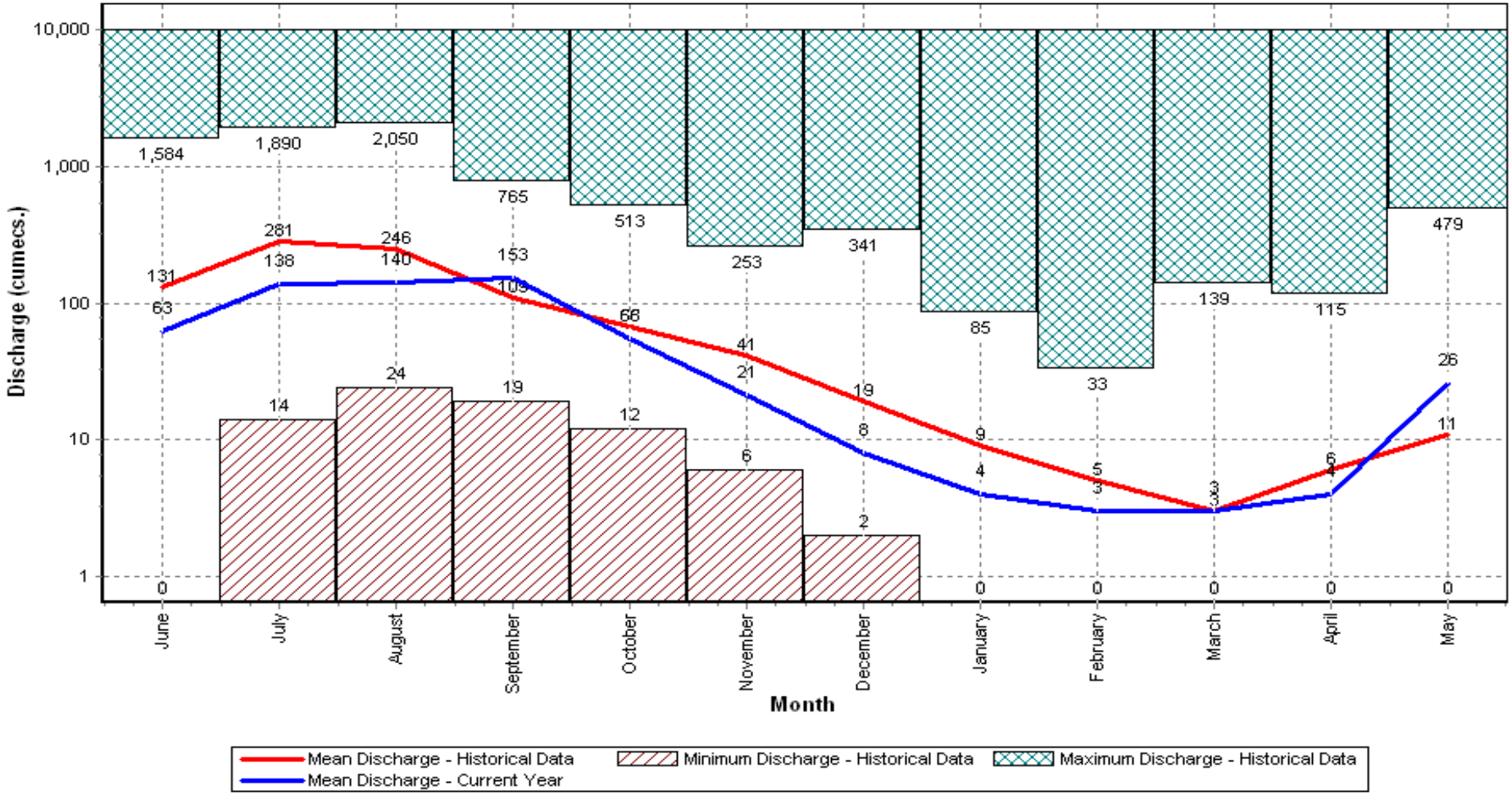
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8) | **Data considered : 1973-2018** | **Division : SWR Division, Cochin**

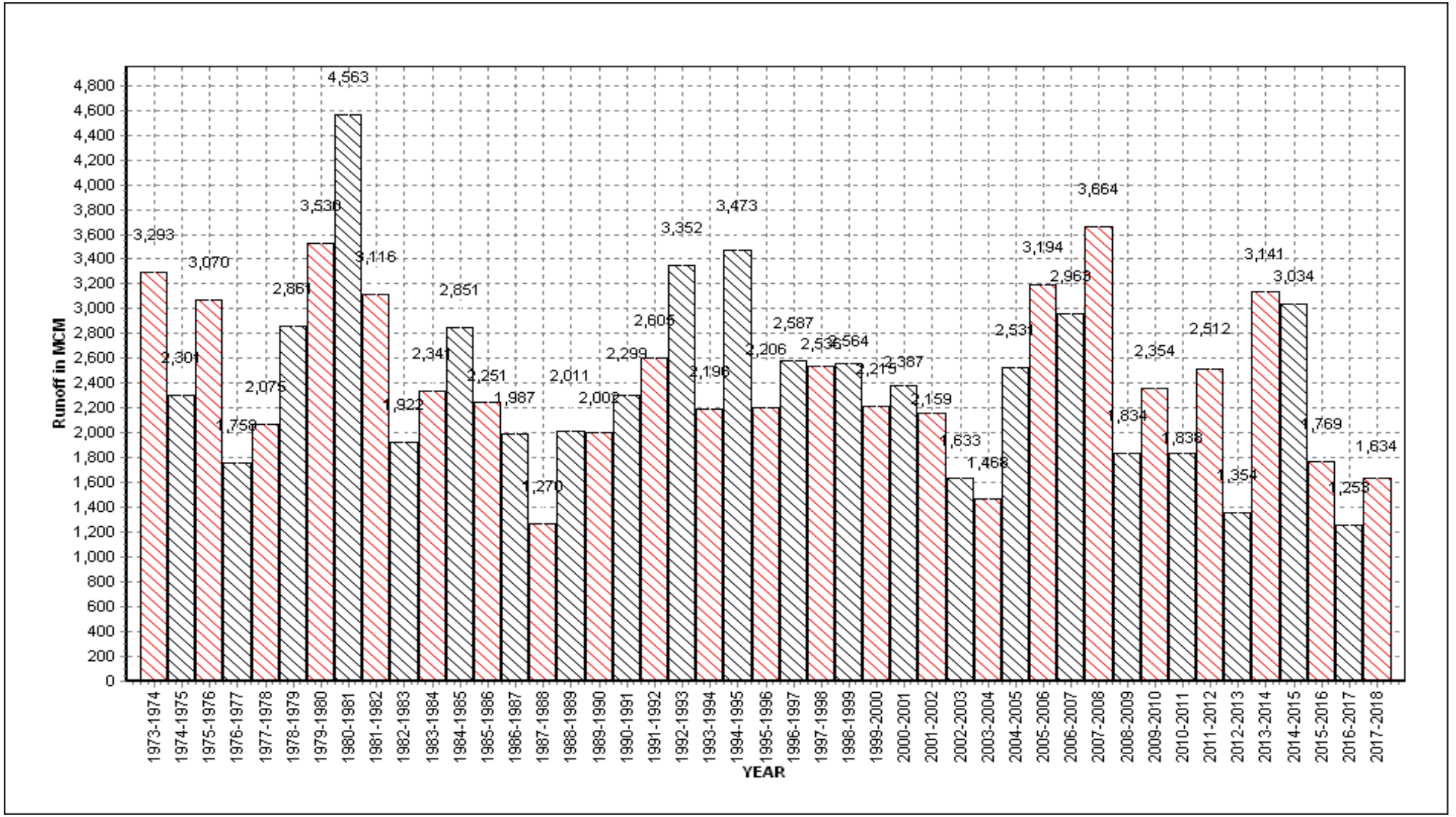
Local River : Kabini | **Sub-Division : Chaliyar SD, Calicut**



Annual Runoff Values for the period: 1973 - 2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Note: Missing values have not been considered while arriving at Annual Runoff

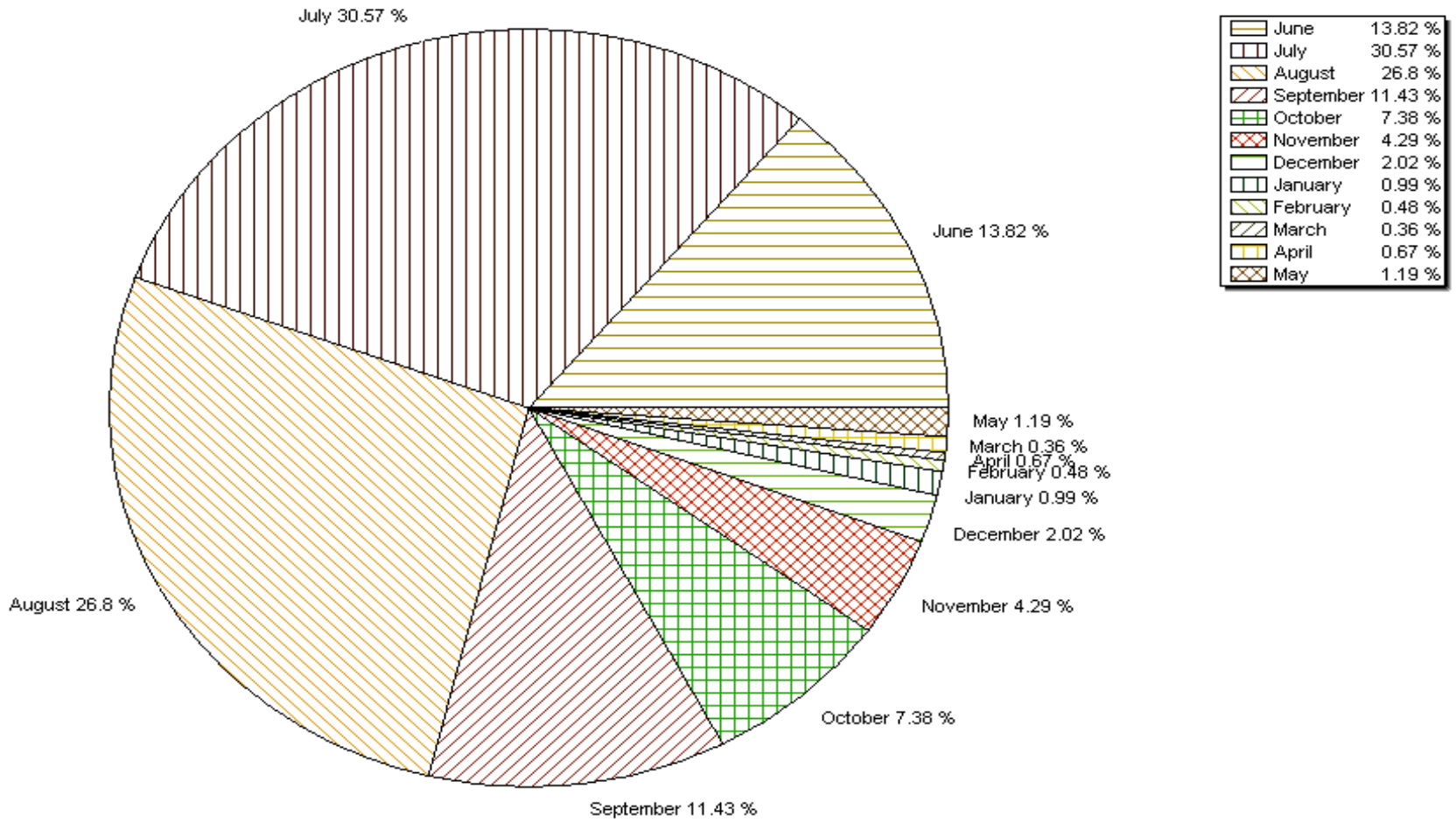
Monthly Average Runoff based on period : 1973-2017

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

Sub-Division : Chaliyar SD, Calicut



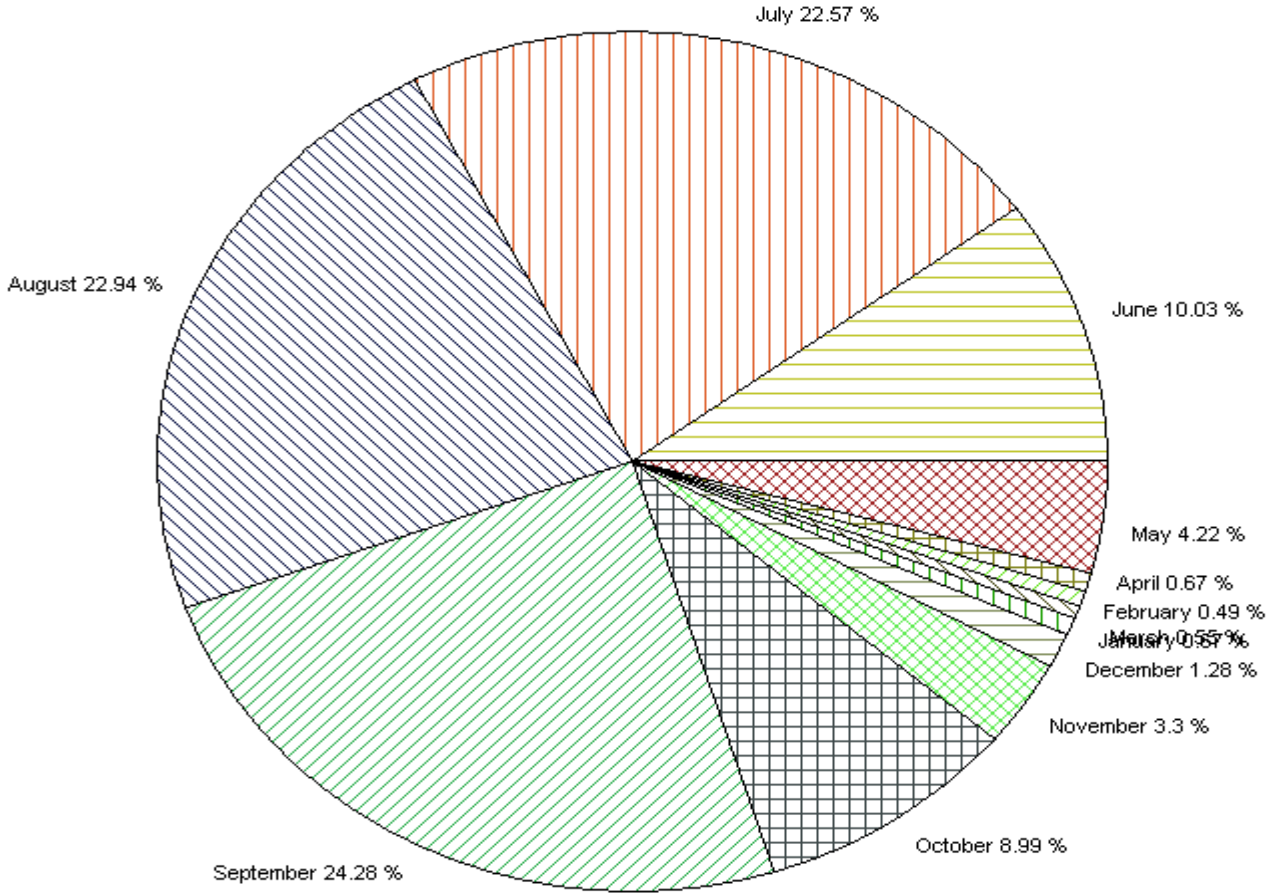
Monthly Runoff for the Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

Sub-Division : Chaliyar SD, Calicut

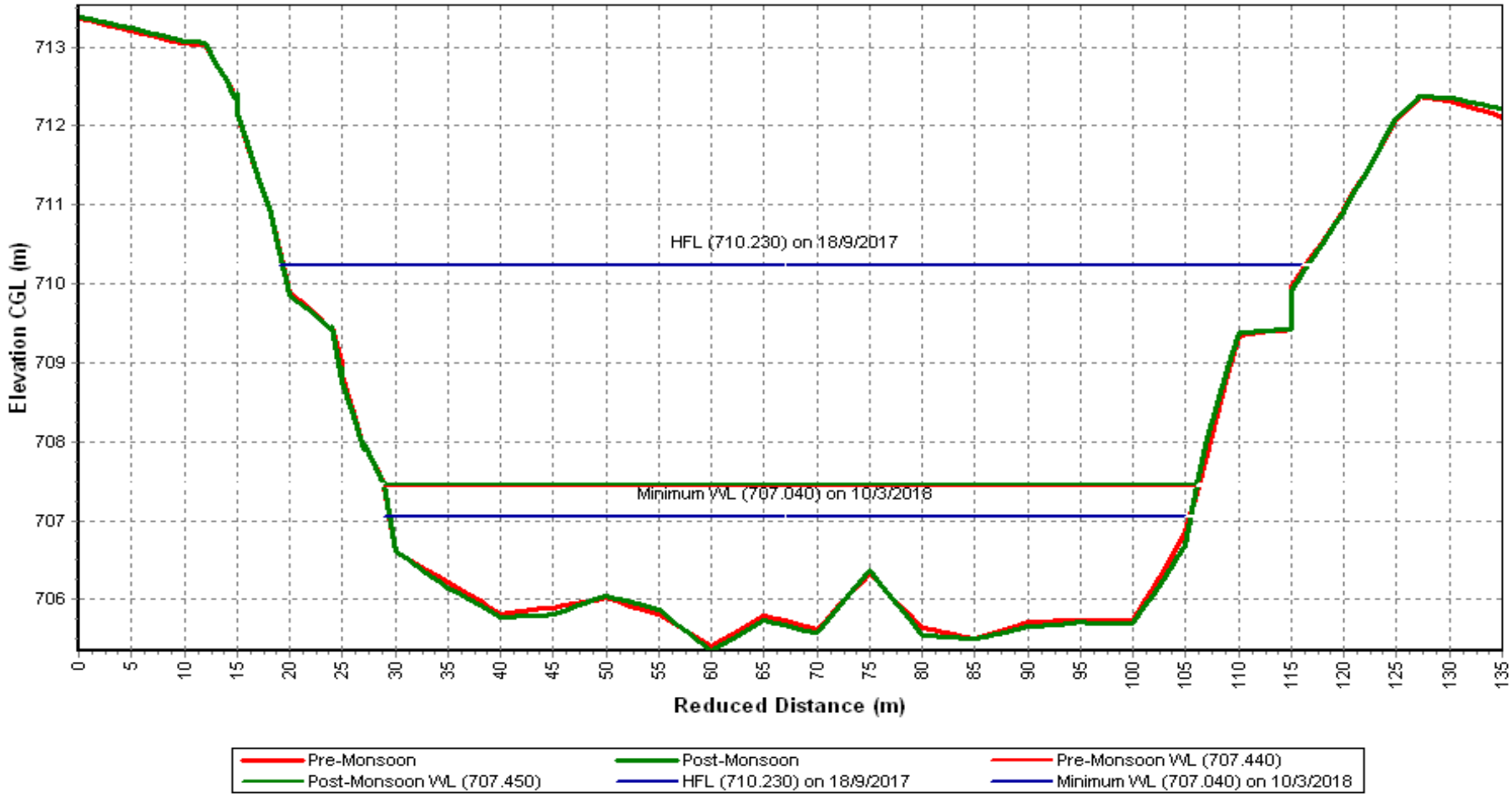


June	10.03 %
July	22.57 %
August	22.94 %
September	24.28 %
October	8.99 %
November	3.3 %
December	1.28 %
January	0.67 %
February	0.49 %
March	0.55 %
April	0.67 %
May	4.22 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

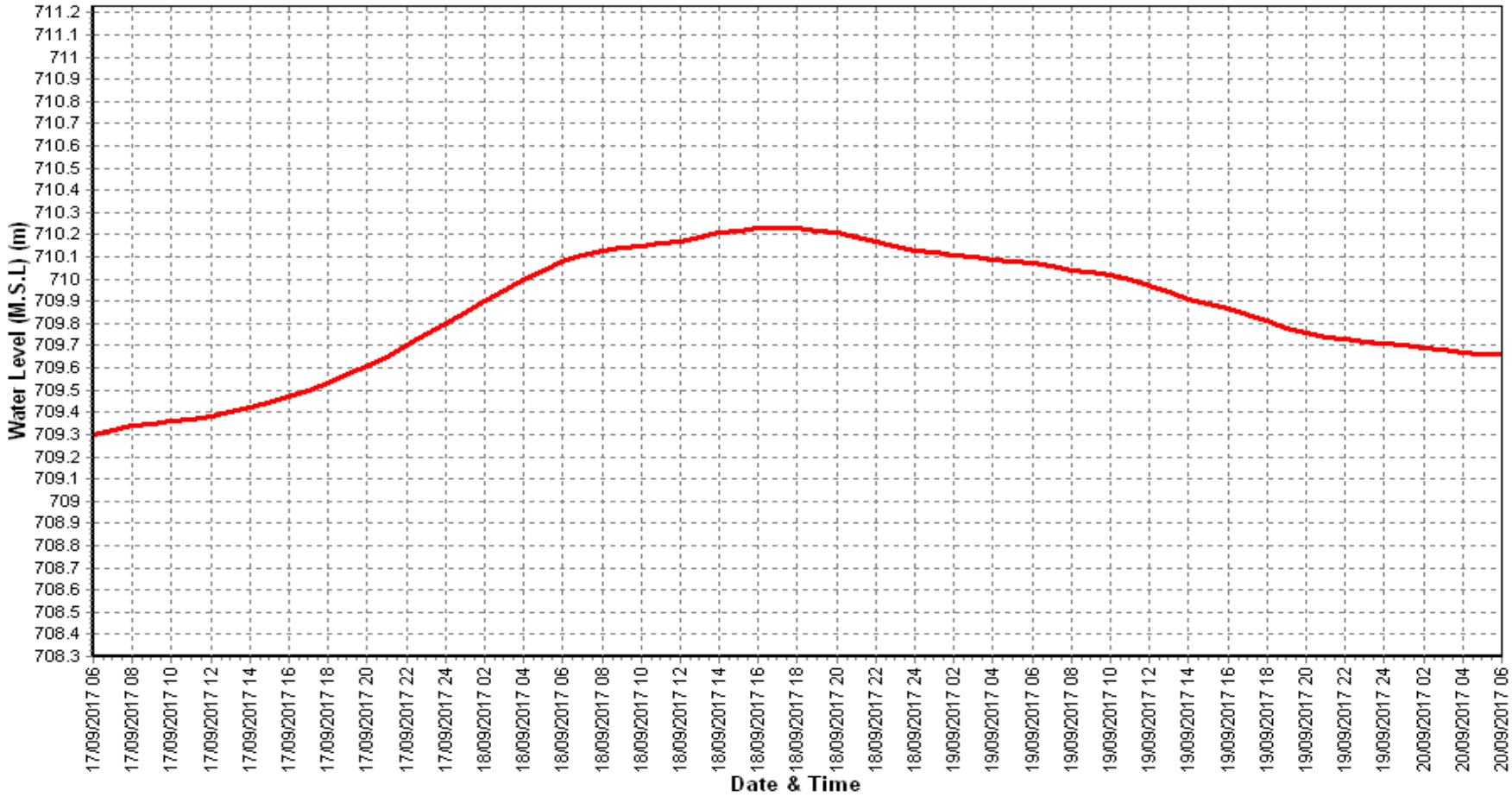
Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

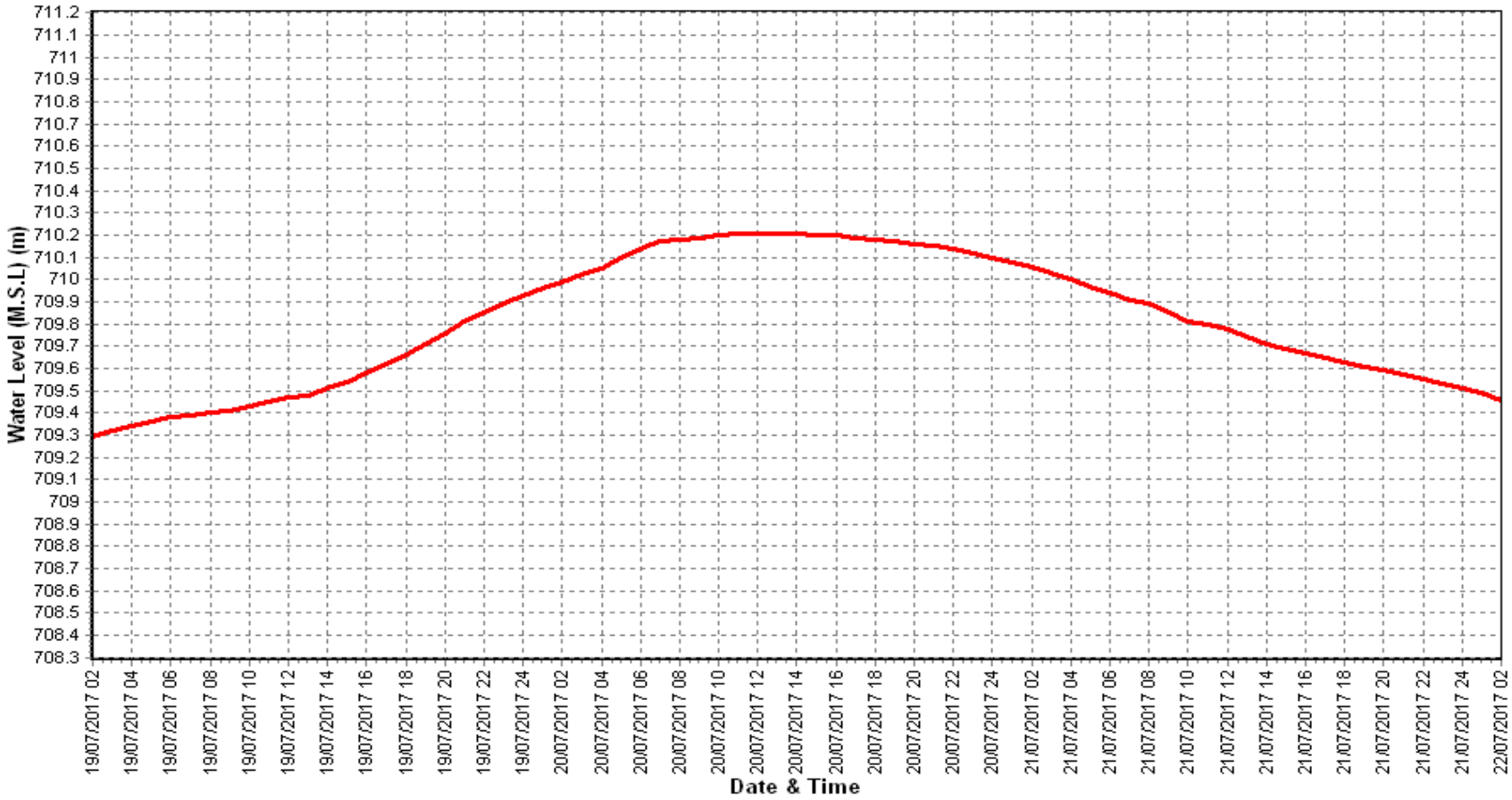


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

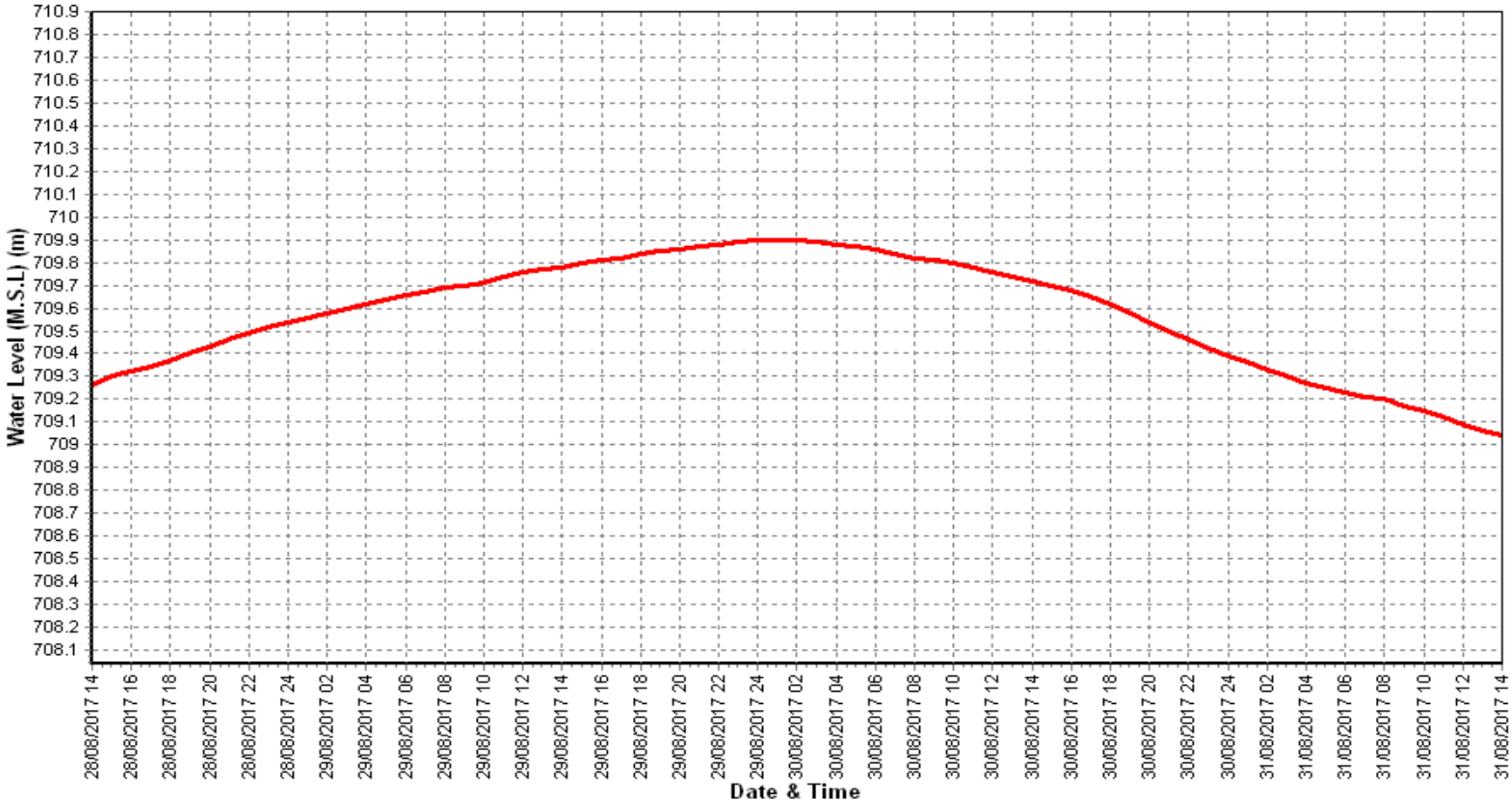


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**: K.M.Vadi**		**Code**	**: CCQ00E9**	
State	: Karnataka		District	Mysore	
Basin	: Cauvery		Independent River	: Cauvery	
Tributary	: Lakhshmanthirtha		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	: Lakhshmanthirtha	
Division	: Cauvery Division, Bangalore		Sub-Division	: Upper Cauvery SD, Bangalore	
Drainage Area	: 1330 Sq. Km.		Bank	: Left	
Latitude	: 12°20'46"		Longitude	: 76°17'16"	
Zero of Gauge (m)	: 766.500 (m.s.l) 765.000 (m.s.l)		16-02-1978 01-06-1986	- 31-05-1986	
	Opening Date		Closing Date		
Gauge	: 16-02-1978				
Discharge	: 26-06-1979				
Sediment	:				
Water Quality	: 01-07-1979				

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1980-1981	242.1	772.190	04-07-1980	0.000	767.820	01-06-1980
1981-1982	240.0	772.040	18-08-1981	0.000	767.890	02-06-1981
1982-1983	160.0	771.000	23-07-1982	0.000	767.840	01-06-1982
1983-1984	169.7	770.802	01-07-1983	0.000	761.610	01-06-1983
1984-1985	483.5	771.820	18-06-1984	0.000	767.750	01-06-1984
1985-1986	122.5	770.235	29-06-1985	0.000	767.745	01-06-1985
1986-1987	113.1	768.837	11-08-1986	0.000	766.185	01-06-1986
1987-1988	39.93	767.730	27-08-1987	0.000	766.020	01-06-1987
1988-1989	175.8	769.200	21-07-1988	0.000	766.220	01-06-1988
1989-1990	272.5	770.125	26-07-1989	0.000	766.135	01-06-1989
1990-1991	124.4	768.633	19-08-1990	0.000	766.275	05-06-1990
1991-1992	455.5	770.354	29-07-1991	0.000	766.440	13-01-1992
1992-1993	311.6	769.885	23-06-1992	0.000	766.180	22-01-1993
1993-1994	144.5	768.871	03-08-1993	0.000	766.275	12-01-1994
1994-1995	681.2	771.180	15-07-1994	0.000	766.315	03-06-1994
1995-1996	271.0	769.640	05-09-1995	0.000	766.170	01-06-1995
1996-1997	163.7	769.165	16-10-1996	0.000	766.250	01-06-1996
1997-1998	221.5	769.640	09-08-1997	0.000	766.340	01-06-1997
1998-1999	186.0	769.340	03-07-1998	0.000	766.325	01-06-1998
1999-2000	189.2	769.320	20-07-1999	0.000	766.210	22-08-1989

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Water Quality : 01-07-1979

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
2000-2001	210.2	769.400	15-07-2000	0.000	766.180	01-06-2000
2001-2002	171.0	769.150	11-07-2001	0.000	766.210	01-06-2001
2002-2003	176.1	769.230	16-10-2002	0.000	766.150	01-06-2002
2003-2004	93.80	768.500	18-07-2003	0.000	765.940	01-06-2003
2004-2005	176.5	769.010	19-06-2004	0.000	766.220	01-07-2004
2005-2006	275.4	769.855	04-08-2005	0.000	766.240	01-06-2005
2006-2007	161.8	769.510	06-07-2006	0.000	766.200	13-11-2006
2007-2008	374.6	770.670	02-07-2007	0.000	766.060	01-06-2007
2008-2009	154.7	769.100	13-08-2008	0.000	766.120	01-06-2008
2009-2010	583.2	770.385	18-07-2009	0.000	766.120	01-06-2009
2010-2011	165.5	769.600	06-11-2010	0.000	766.030	01-06-2010
2011-2012	142.0	769.160	25-10-2011	0.000	766.210	01-06-2011
2012-2013	123.6	769.200	09-08-2012	0.000	766.090	01-06-2012
2013-2014	533.8	770.040	04-08-2013	0.000	766.010	01-06-2013
2014-2015	91.15	768.630	26-07-2014	0.000	766.020	01-06-2014
2015-2016	352.7	769.440	25-06-2015	0.000	766.070	01-06-2015
2016-2017	93.39	768.450	02-07-2016	0.000	765.460	16-05-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Daily Discharge Data for the period 2017 - 2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	766.030	0.000	767.020	18.36	766.230	0.712	767.570	35.39	766.310	1.600 *	766.000	0.000
2	766.000	0.000	766.750	8.574 *	766.200	0.505	767.100	18.02 *	766.270	1.269 *	766.000	0.000
3	765.980	0.000	766.500	3.000	766.180	0.331	766.800	9.734 *	766.270	1.646	766.000	0.000
4	765.980	0.000	766.420	2.000	766.150	0.204	766.600	5.000	766.240	1.068	766.000	0.000
5	765.950	0.000	766.380	1.800	766.130	0.000	766.450	3.000	766.250	1.010	766.000	0.000
6	765.900	0.000	766.310	1.000	766.130	0.000	766.570	4.000	766.270	1.157	766.000	0.000
7	765.870	0.000	766.160	0.000	766.120	0.000	766.800	11.65	766.390	2.658	766.000	0.000
8	765.870	0.000	766.130	0.000	766.170	0.318	766.620	5.000	766.400	2.501 *	765.980	0.000
9	765.870	0.000	766.130	0.000	766.200	0.506	766.560	4.000	766.270	1.223	765.980	0.000
10	765.860	0.000	766.150	0.000	766.120	0.000	766.700	7.479 *	766.230	0.957	765.980	0.000
11	765.860	0.000	766.080	0.000	766.080	0.000	766.510	3.000	766.300	1.513 #	765.980	0.000
12	765.890	0.000	766.040	0.000	766.030	0.000	766.370	1.902	766.250	0.984	765.980	0.000
13	765.900	0.000	766.040	0.000	766.030	0.000	766.460	3.000	766.310	2.073	765.980	0.000
14	765.900	0.000	766.040	0.000	766.030	0.000	766.240	0.718	766.270	1.170	765.980	0.000
15	765.900	0.000	766.030	0.000	766.030	0.000	766.220	0.573 #	766.250	1.119 *	765.980	0.000
16	765.900	0.000	766.030	0.000	766.030	0.000	766.180	0.329 #	766.160	0.474	765.980	0.000
17	765.900	0.000	766.020	0.000	766.030	0.000	766.250	1.119 *	766.150	0.443	765.980	0.000
18	765.900	0.000	766.030	0.000	766.030	0.000	766.400	2.501 *	766.120	0.000	765.980	0.000
19	765.900	0.000	766.040	0.000	766.030	0.000	767.900	51.49	766.100	0.000	765.980	0.000
20	765.900	0.000	767.970	58.42	766.020	0.000	768.140	63.98	766.070	0.000	765.980	0.000
21	765.900	0.000	768.330	73.23	766.020	0.000	768.090	61.98	766.030	0.000	765.980	0.000
22	765.900	0.000	768.400	76.46	766.020	0.000	767.950	53.52	766.030	0.000	765.980	0.000
23	765.900	0.000	767.800	41.00	767.030	19.77	767.000	17.20	766.020	0.000	765.980	0.000
24	765.900	0.000	767.030	20.17	767.020	18.01	766.950	13.11 *	766.020	0.000	765.980	0.000
25	765.890	0.000	766.800	11.59	766.800	0.000	766.670	6.500	766.020	0.000	765.980	0.000
26	765.890	0.000	766.550	4.000	766.580	0.000	766.650	6.310	766.020	0.000	765.980	0.000
27	765.890	0.000	766.360	1.811	766.570	0.000	766.580	5.414	766.020	0.000	765.980	0.000
28	765.900	0.000	766.230	0.713	766.600	0.000	766.550	5.146	766.000	0.000	765.980	0.000
29	765.900	0.000	766.160	0.000	766.950	16.16	766.460	3.226 *	766.000	0.000	765.980	0.000
30	767.340	27.49	766.140	0.000	768.000	55.12	766.400	2.700	766.000	0.000	765.980	0.000
31			766.220	0.675	768.050	56.55			766.000	0.000		
Ten-Daily Mean												
I Ten-Daily	765.931	0.000	766.395	3.473	766.163	0.258	766.777	10.33	766.290	1.509	765.994	0.000
II Ten-Daily	765.895	0.000	766.232	5.842	766.034	0.000	766.667	12.86	766.198	0.778	765.980	0.000
III Ten-Daily	766.041	2.749	766.911	20.88	766.876	15.06	766.930	17.51	766.015	0.000	765.980	0.000
Monthly												
Min.	765.860	0.000	766.020	0.000	766.020	0.000	766.180	0.329	766.000	0.000	765.980	0.000
Max.	767.340	27.49	768.400	76.46	768.050	56.55	768.140	63.98	766.400	2.658	766.000	0.000
Mean	765.956	0.916	766.525	10.41	766.375	5.425	766.791	13.57	766.163	0.738	765.985	0

Annual Runoff in MCM = 82 Annual Runoff in mm = 62

Peak Observed Discharge = 76.46 cumecs on 22/07/2017 Corres. Water Level :768.4 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :766.03 m

* : Computed Discharge

\# : Discarded Discharge (values changed as per rating curve)

Note: Missing values have not been considered while arriving at Annual Runoff

Daily Discharge Data for the period 2017 - 2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	765.980	0.000	765.980	0.000	765.980	0.000	765.970	0.000	766.000	0.000	765.990	0.000
2	765.980	0.000	765.970	0.000	765.980	0.000	765.970	0.000	766.000	0.000	765.990	0.000
3	765.980	0.000	765.980	0.000	765.980	0.000	765.970	0.000	766.000	0.000	766.000	0.000
4	766.010	0.000	765.980	0.000	765.980	0.000	765.970	0.000	766.000	0.000	766.010	0.000
5	766.010	0.000	765.980	0.000	765.980	0.000	765.970	0.000	766.000	0.000	766.010	0.000
6	766.010	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	766.010	0.000
7	765.980	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	766.010	0.000
8	765.980	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.990	0.000
9	766.000	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.970	0.000
10	766.070	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.970	0.000
11	766.050	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.970	0.000
12	766.050	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.970	0.000
13	766.010	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.970	0.000
14	766.010	0.000	765.980	0.000	765.990	0.000	765.970	0.000	766.000	0.000	765.960	0.000
15	766.000	0.000	765.980	0.000	765.990	0.000	766.010	0.000	766.000	0.000	765.960	0.000
16	766.000	0.000	765.970	0.000	765.990	0.000	766.000	0.000	766.000	0.000	765.960	0.000
17	766.000	0.000	765.970	0.000	765.980	0.000	766.000	0.000	766.000	0.000	765.960	0.000
18	766.000	0.000	765.980	0.000	765.980	0.000	766.000	0.000	766.000	0.000	765.960	0.000
19	765.980	0.000	765.980	0.000	765.980	0.000	766.000	0.000	766.000	0.000	765.960	0.000
20	765.980	0.000	765.980	0.000	765.980	0.000	766.000	0.000	766.000	0.000	765.960	0.000
21	765.980	0.000	765.980	0.000	765.980	0.000	766.000	0.000	766.000	0.000	765.970	0.000
22	765.980	0.000	765.980	0.000	765.980	0.000	766.000	0.000	766.010	0.000	765.970	0.000
23	765.980	0.000	765.970	0.000	765.980	0.000	766.000	0.000	766.010	0.000	765.970	0.000
24	765.980	0.000	765.970	0.000	765.970	0.000	766.000	0.000	766.010	0.000	765.970	0.000
25	765.980	0.000	765.970	0.000	765.970	0.000	766.000	0.000	766.010	0.000	765.960	0.000
26	765.980	0.000	765.970	0.000	765.970	0.000	766.000	0.000	766.010	0.000	765.960	0.000
27	765.980	0.000	765.970	0.000	765.970	0.000	766.000	0.000	766.010	0.000	765.980	0.000
28	765.980	0.000	765.980	0.000	765.970	0.000	766.000	0.000	766.010	0.000	765.980	0.000
29	765.980	0.000	765.980	0.000			766.000	0.000	766.000	0.000	765.980	0.000
30	765.980	0.000	765.980	0.000			766.000	0.000	766.000	0.000	765.990	0.000
31	765.980	0.000	765.980	0.000			766.000	0.000			765.990	0.000
Ten-Daily Mean												
I Ten-Daily	766.000	0.000	765.979	0.000	765.985	0.000	765.970	0.000	766.000	0.000	765.995	0.000
II Ten-Daily	766.008	0.000	765.978	0.000	765.986	0.000	765.989	0.000	766.000	0.000	765.963	0.000
III Ten-Daily	765.980	0.000	765.975	0.000	765.974	0.000	766.000	0.000	766.007	0.000	765.975	0.000
Monthly												
Min.	765.980	0.000	765.970	0.000	765.970	0.000	765.970	0.000	766.000	0.000	765.960	0.000
Max.	766.070	0.000	765.980	0.000	765.990	0.000	766.010	0.000	766.010	0.000	766.010	0.000
Mean	765.995	0	765.977	0	765.982	0	765.987	0	766.002	0	765.977	0

Peak Computed Discharge = 18.02 cumecs on 02/09/2017 Corres. Water Level :767.1 m

Lowest Computed Discharge = 1.119 cumecs on 17/09/2017 Corres. Water Level :766.25 m

* : Computed Discharge

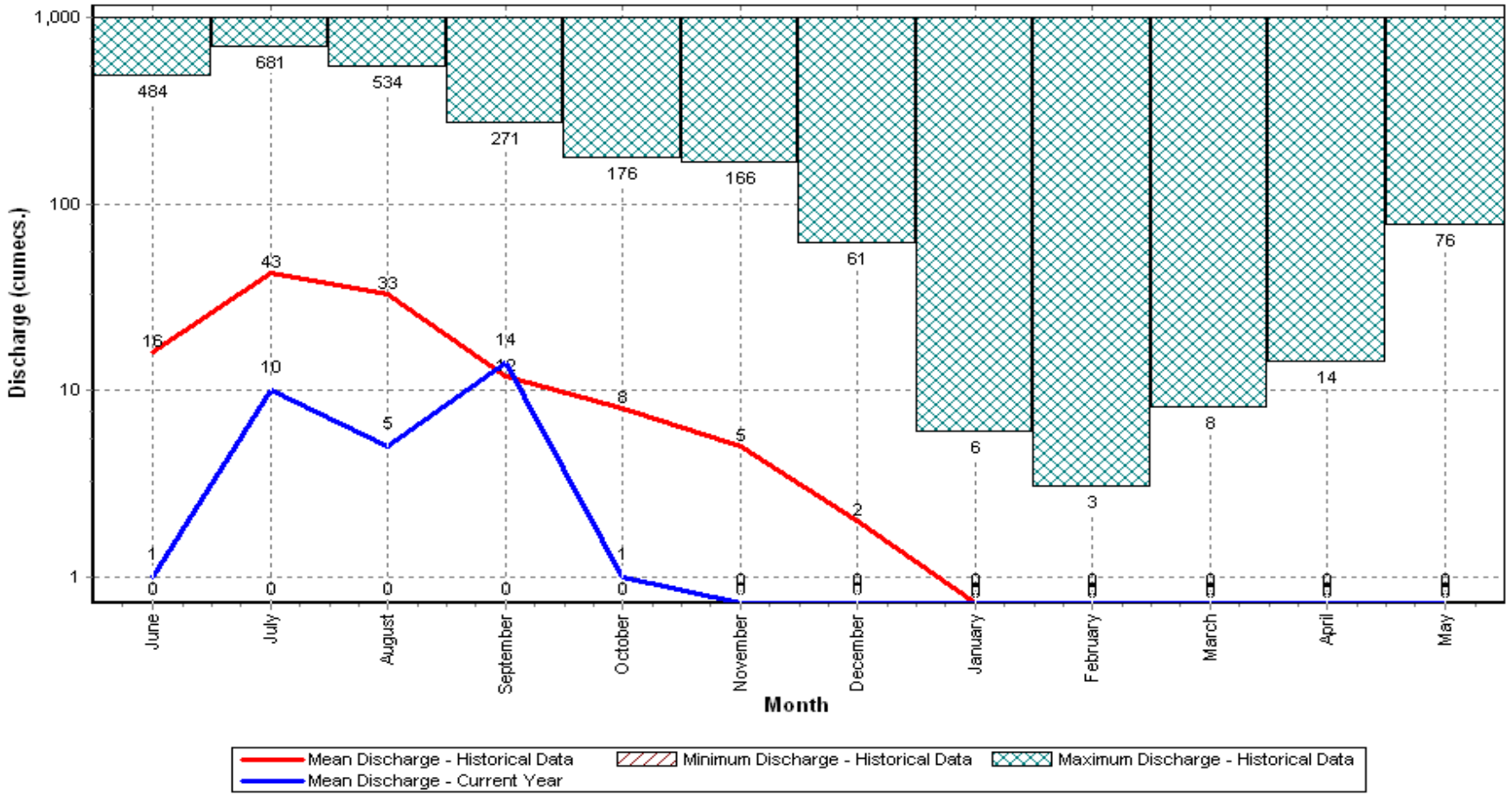
: Discarded Discharge (values changed as per rating curve)

Note: Missing values have not been considered while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9) | **Data considered : 2017-2018** | **Division : Cauvery Division, Bangalore**

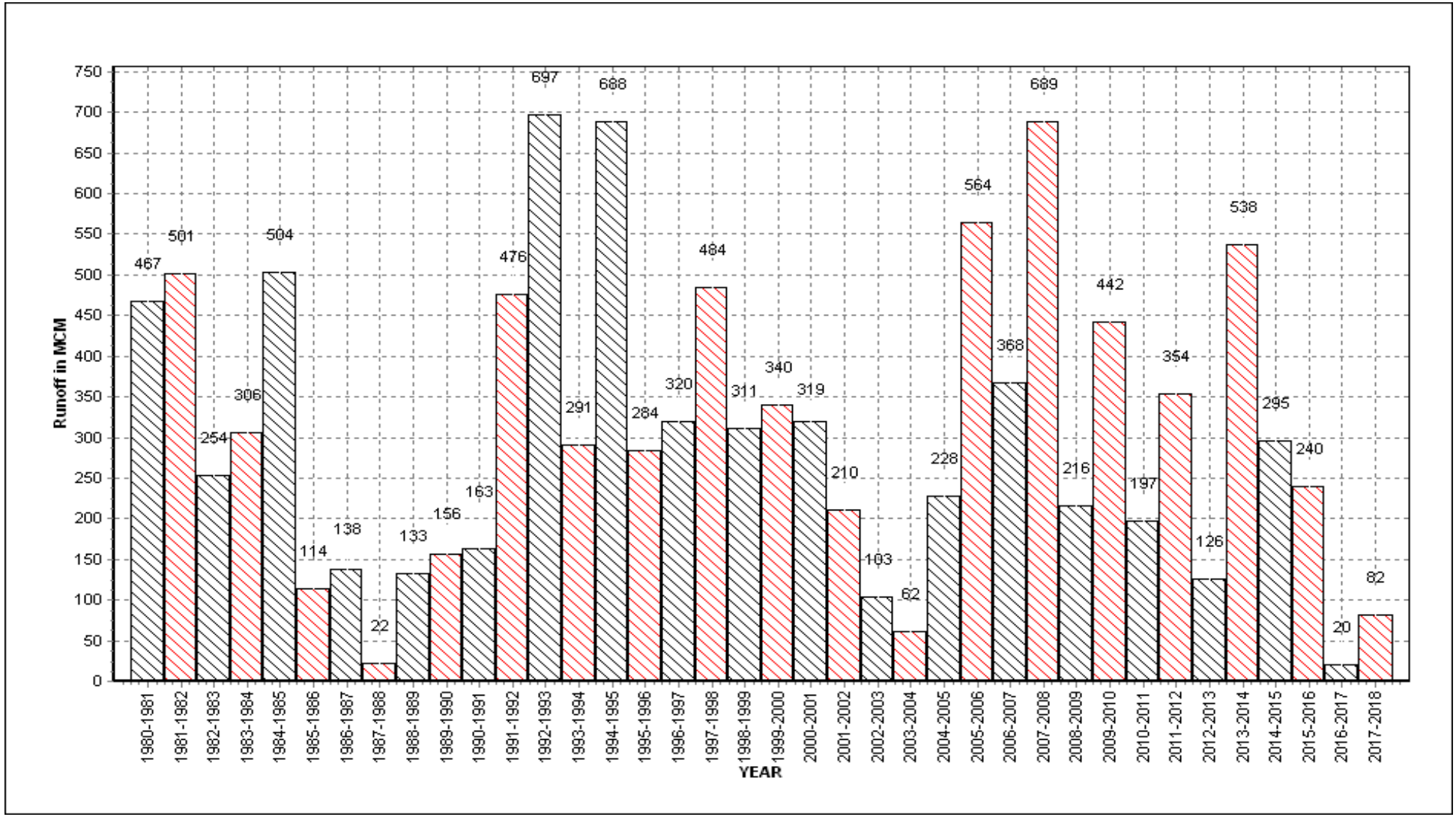
Local River : Lakhshmanthirtha | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 2017 - 2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**

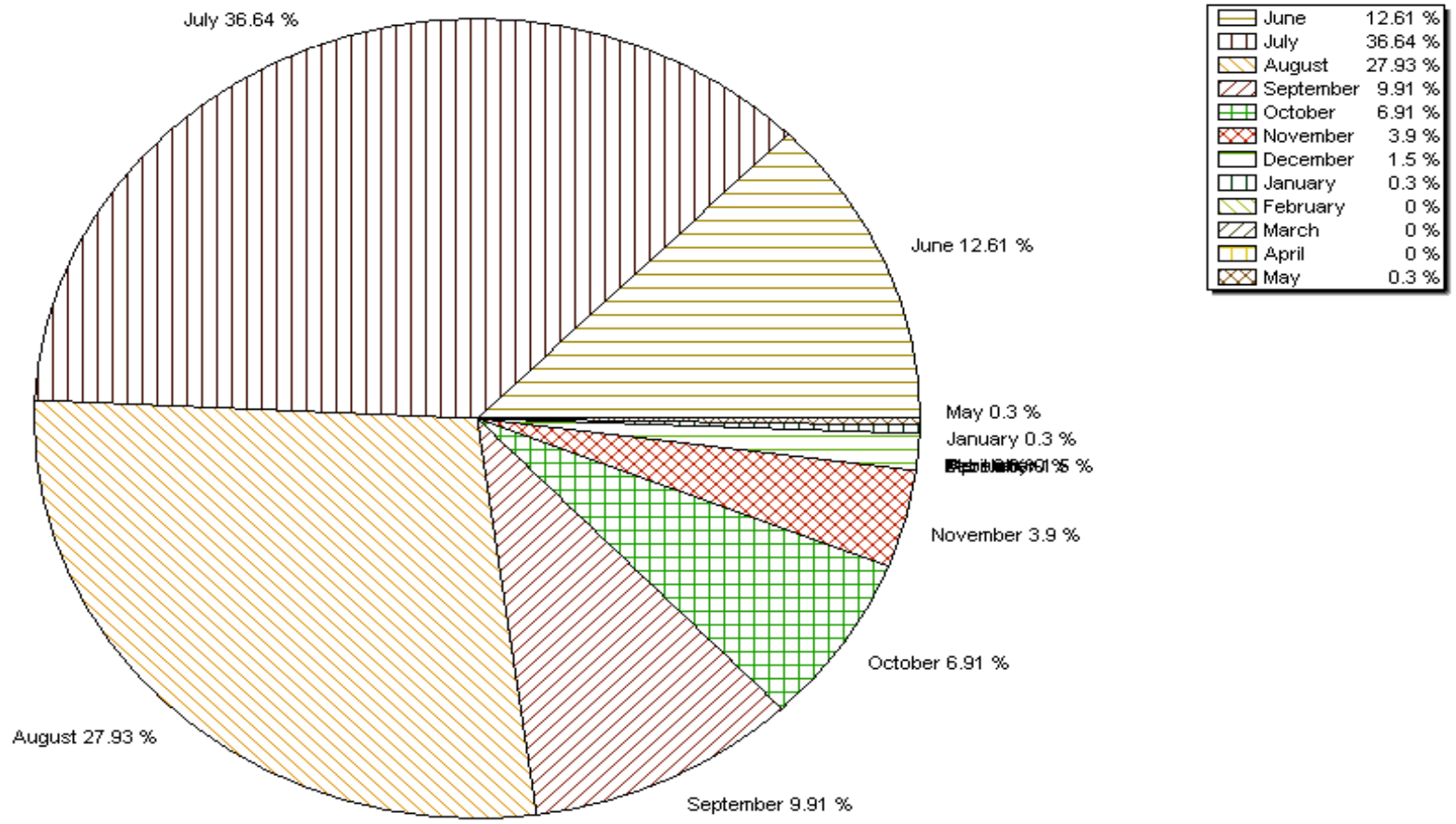


Note: Missing values have not been considered while arriving at Annual Runoff

Station Name : K.M.Vadi (CCQ00E9)
Local River : Lakshmanthirtha

Monthly Average Runoff Based on the period 1980-2017

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



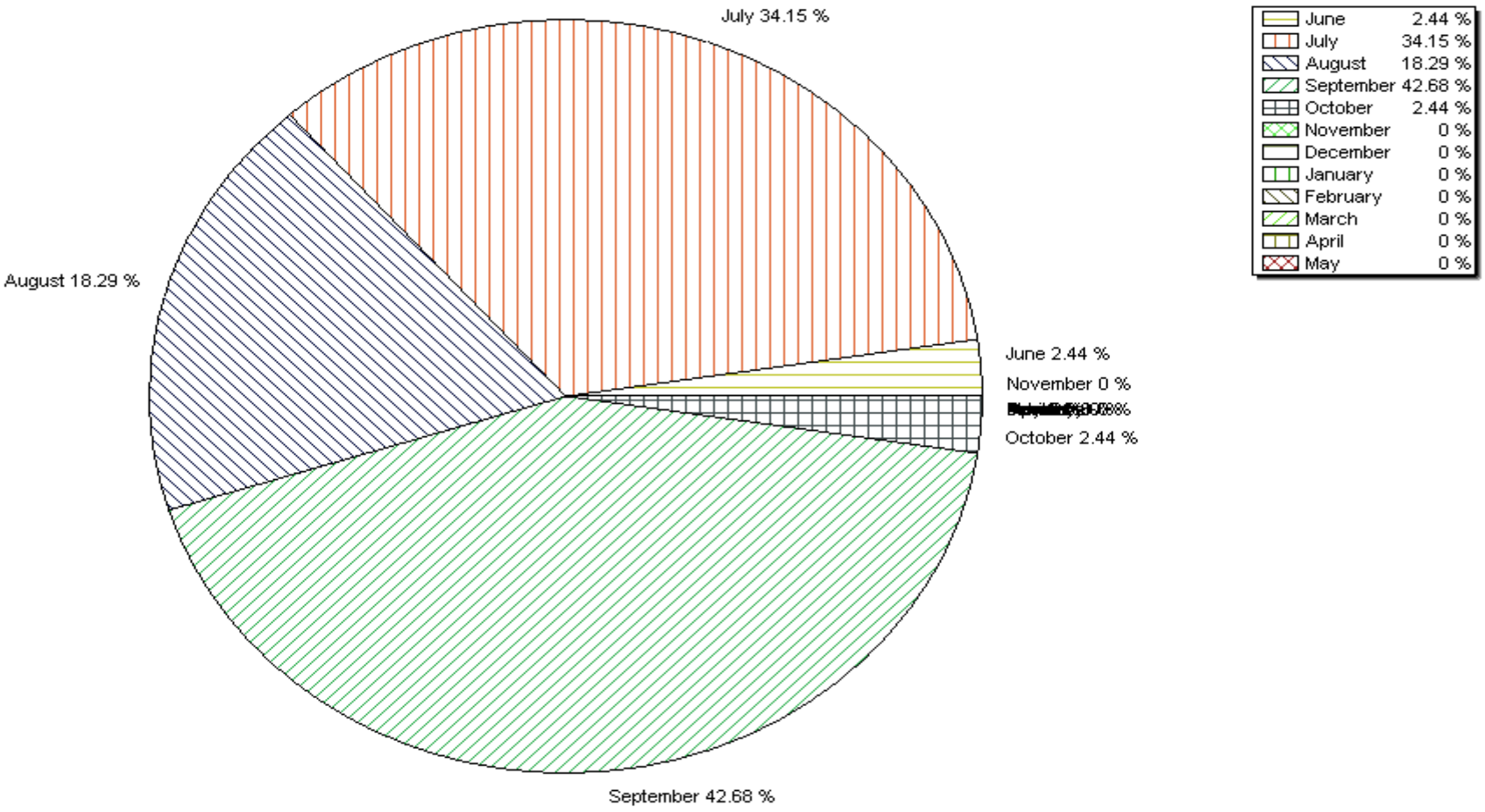
Monthly Runoff for the Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9)

Division : Cauvery Division, Bangalore

Local River : Lakhshmanthirtha

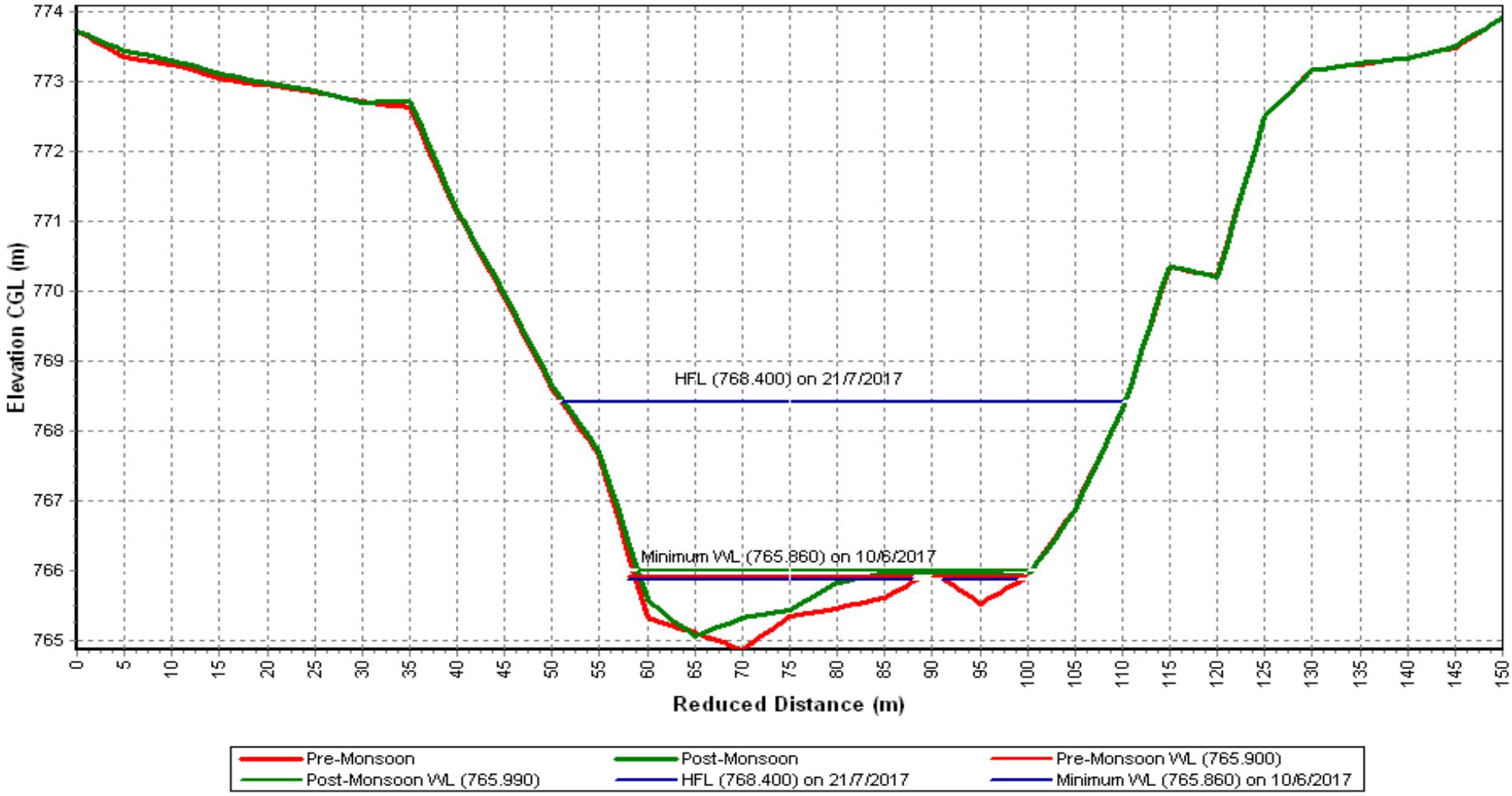
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

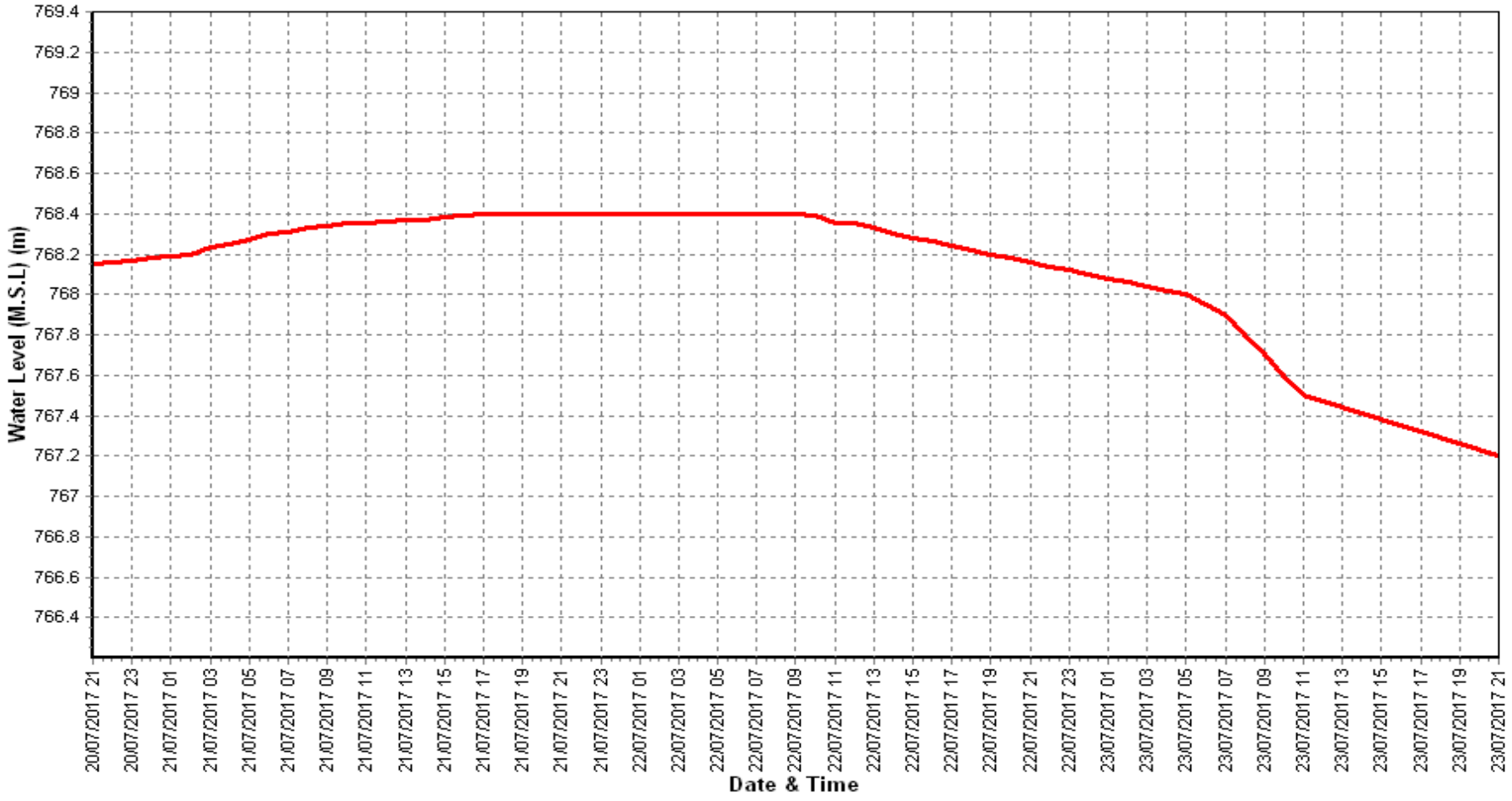
Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**

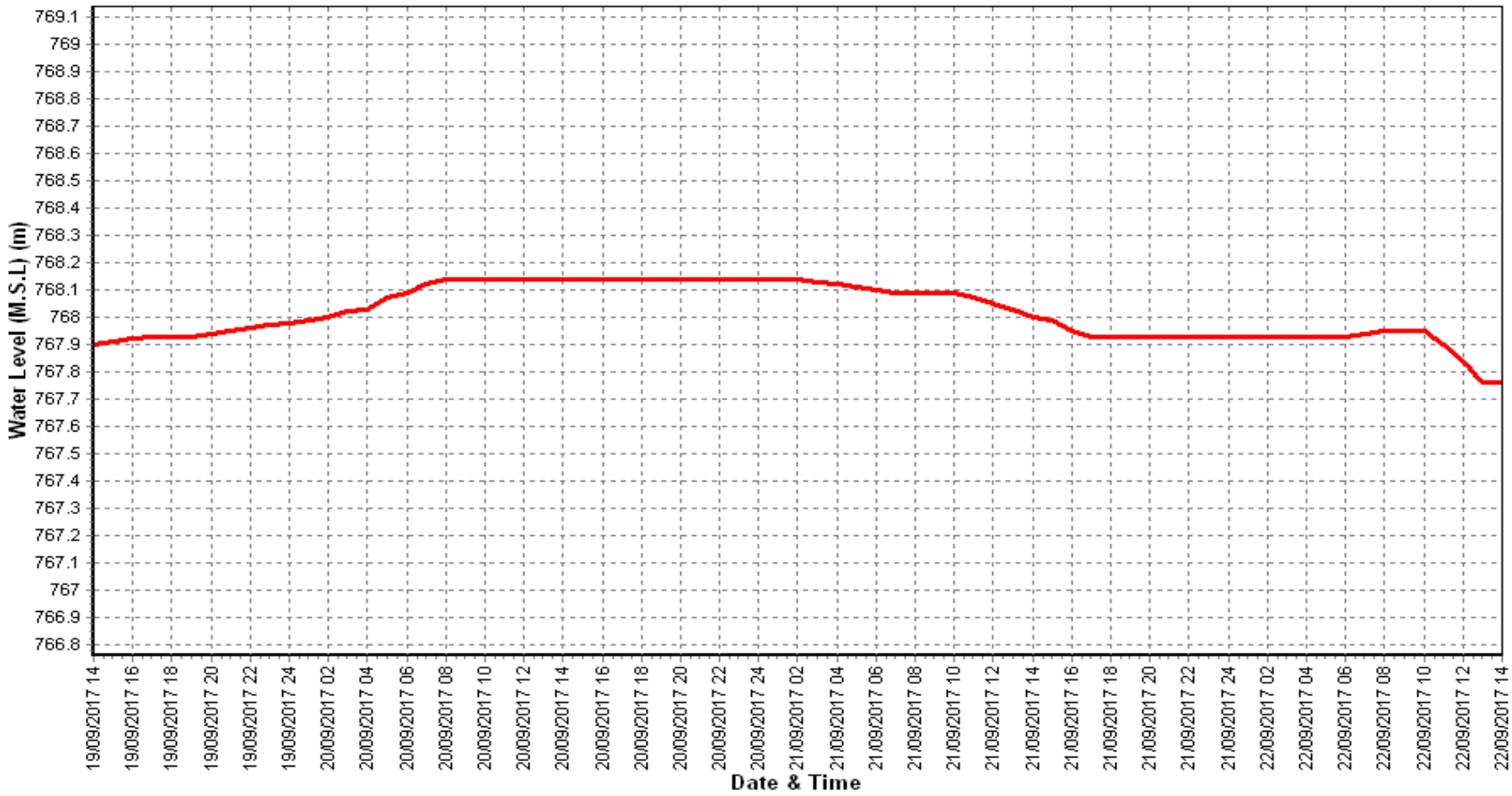


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**

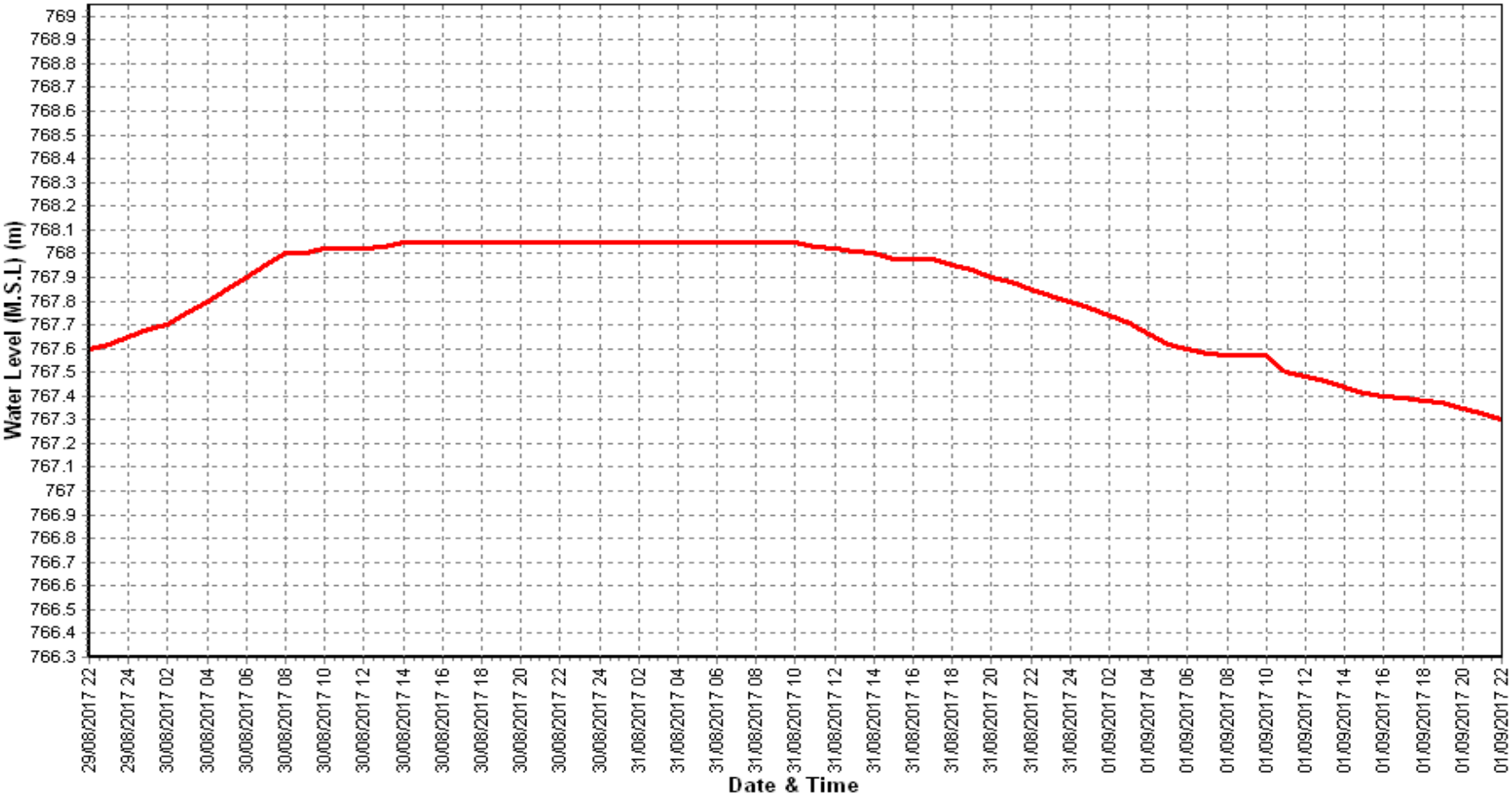


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : K.M.Vadi (CCQ00E9) **Division : Cauvery Division, Bangalore**

Local River : Lakhshmanthirtha **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**Akkihebbal**	**Code**	:	**CCR00B7**
State	:	Karnataka	District		Mandya
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Hemavathi	Sub Tributary	:	-
Sub-Sub Tributary	:	-	Local River	:	Hemavathi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	5236 Sq. Km.	Bank	:	Right
Latitude	:	12°36'10"	Longitude	:	76°24'03"
Zero of Gauge (m)	:	745 (m.s.l)	04-08-1998		
		Opening Date	Closing Date		
Gauge	:	04-08-1998			
Discharge	:	23-01-2002			
Sediment	:	26-03-2013			
Water Quality	:	02-09-2002			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2002-2003	132.2	748.120	20-02-2003	0.000	746.780	02-05-2003
2003-2004	170.0	748.020	06-10-2003	1.086	746.835	03-08-2003
2004-2005	247.4	748.730	25-04-2005	1.700	746.915	09-07-2004
2005-2006	1438	752.245	02-08-2005	1.047	746.890	14-07-2005
2006-2007	1386	750.700	18-08-2006	1.234	746.840	06-03-2007
2007-2008	859.7	751.440	07-08-2007	2.157	746.860	13-02-2008
2008-2009	1480	751.570	14-08-2008	1.090	746.830	19-02-2009
2009-2010	638.9	750.090	20-07-2009	1.705	746.890	11-02-2010
2010-2011	290.2	748.910	13-11-2010	1.027	746.900	03-02-2011
2011-2012	381.9	749.365	05-09-2011	0.844	746.800	21-05-2012
2012-2013	234.4	748.450	07-10-2012	0.000	746.220	25-05-2013
2013-2014	2185	752.380	03-08-2013	0.724	746.730	23-06-2013
2014-2015	634.2	750.220	07-08-2014	0.621	746.740	26-06-2014
2015-2016	159.2	748.220	25-08-2015	0.000	746.640	04-05-2016
2016-2017	215.9	748.630	10-09-2016	0.000	746.580	04-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	746.810	2.149	746.590	0.000	746.700	1.144	747.680	63.52	747.380	27.44 *	746.950	5.137
2	746.900	4.104	746.580	0.000	746.650	0.588	747.440	32.11 *	747.440	32.11 *	746.940	5.192
3	746.650	0.529	746.570	0.000	746.600	0.000	747.600	46.40 *	747.740	49.41	746.940	5.082
4	746.690	1.068 *	746.570	0.000	746.600	0.000	747.680	63.82	747.450	32.60	746.960	5.127 *
5	746.980	5.209	746.570	0.000	746.600	0.000	747.630	55.92	747.300	18.62	746.960	5.127 *
6	746.730	1.790	746.570	0.000	746.720	1.396 *	747.680	63.54	747.520	39.67	746.980	5.070
7	746.730	1.815	746.570	0.000	746.790	2.330	747.630	53.98	747.450	32.72	746.980	5.115
8	746.730	1.764	746.560	0.000	746.790	2.386	747.680	63.49	747.450	32.92 *	746.960	4.840
9	746.730	1.784	746.560	0.000	746.790	2.336	747.755	67.43	747.450	32.65	746.970	5.663
10	746.720	1.648	746.550	0.000	747.510	38.47	747.550	41.64 *	747.440	32.10	746.970	5.082
11	746.710	1.283 *	746.550	0.000	747.400	34.30	747.645	37.85	747.440	32.69	746.980	6.130
12	746.710	1.456	746.540	0.000	747.630	56.55	747.440	37.23	747.320	18.34	747.200	15.66 *
13	746.700	1.452	746.540	0.000	747.380	27.44 *	747.300	19.49	747.350	19.24	747.060	7.765
14	746.680	0.864	746.540	0.000	747.380	34.03	747.035	7.778	747.450	32.47	747.000	6.274
15	746.640	0.610 #	746.540	0.000	747.260	19.21 *	746.910	4.079	747.520	38.92 *	747.100	9.580
16	746.610	0.000	746.540	0.000	746.930	4.479	746.910	4.111	747.580	35.38	747.130	10.98
17	746.610	0.000	746.540	0.000	746.910	4.169	747.180	14.56 *	747.450	32.33	746.960	4.866
18	746.610	0.000	746.540	0.000	746.870	2.674 #	746.940	5.045	747.400	28.95 *	746.960	4.805
19	746.610	0.000	746.550	0.000	746.910	4.125	746.960	5.203	747.330	18.06	747.050	8.391 *
20	746.600	0.000	746.560	0.000	747.360	25.96 *	746.940	5.024	747.080	7.613	746.940	4.488
21	746.610	0.000	746.560	0.000	747.360	33.17	747.035	7.695	747.250	16.07	746.940	4.431
22	746.600	0.000	746.560	0.000	746.910	4.447	747.080	7.739	747.300	21.79 *	747.100	8.116
23	746.600	0.000	746.560	0.000	747.530	44.75	747.265	25.19	747.040	7.479	746.940	4.504
24	746.600	0.000	746.560	0.000	747.750	52.04	746.950	4.815 *	747.040	7.499	747.080	9.662 #
25	746.610	0.000	746.550	0.000	747.650	51.42 *	747.030	7.957	747.000	6.292	746.940	4.425
26	746.600	0.000	746.550	0.000	747.630	56.87	747.040	7.881	746.960	5.555	746.920	3.937 *
27	746.590	0.000	746.550	0.000	747.690	55.62 *	747.645	45.74	746.960	5.602	746.930	3.660
28	746.590	0.000	746.705	1.127	747.600	49.58	748.070	101.6	746.960	5.405	746.930	3.793
29	746.590	0.000	746.800	2.115	747.620	54.19	748.000	93.94 *	746.950	4.815 *	746.930	3.779
30	746.590	0.000	746.720	1.396 *	747.630	56.68	747.690	46.37	746.940	5.108	746.930	3.729
31			746.720	1.288	747.680	63.43			746.940	5.203		
Ten-Daily Mean												
I Ten-Daily	746.767	2.186	746.569	0.000	746.775	4.865	747.632	55.19	747.462	33.02	746.961	5.144
II Ten-Daily	746.648	0.567	746.544	0.000	747.203	21.29	747.126	14.04	747.392	26.40	747.038	7.893
III Ten-Daily	746.598	0.000	746.621	0.539	747.550	47.47	747.380	34.89	747.031	8.256	746.964	5.004
Monthly												
Min.	746.590	0.000	746.540	0.000	746.600	0.000	746.910	4.079	746.940	4.815	746.920	3.660
Max.	746.980	5.209	746.800	2.115	747.750	63.43	748.070	101.6	747.740	49.41	747.200	15.66
Mean	746.671	0.918	746.579	0.191	747.188	25.28	747.380	34.71	747.286	22.1	746.988	6.014

Annual Runoff in MCM = 276 Annual Runoff in mm = 53

Peak Observed Discharge = 101.6 cumecs on 28/09/2017 Corres. Water Level :748.07 m

Lowest Observed Discharge = 0.000 cumecs on 16/06/2017 Corres. Water Level :746.61 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	746.930	3.703	746.910	3.282	746.770	0.924	746.770	0.986	746.770	1.146 *	746.750	0.872
2	746.930	3.590 *	746.860	2.079	746.770	0.948	746.770	0.973	746.770	1.215	746.680	0.000
3	746.940	3.811 *	746.880	2.253	746.770	0.942	746.770	0.980	746.760	0.957	746.670	0.000
4	746.930	3.708	746.860	2.112	746.780	1.138 *	746.750	0.826 *	746.760	0.934	746.680	0.000
5	746.930	3.830	746.830	1.810	746.790	1.339	746.830	2.163	746.760	0.945	746.680	0.000
6	746.930	3.783	746.860	2.188	746.830	1.962	746.770	0.982	746.760	0.942	746.680	0.000
7	746.920	3.428	746.860	2.253 *	746.830	1.946	746.770	0.995	746.760	0.966	746.680	0.000
8	746.920	3.432	746.820	1.553	746.830	1.936	746.760	0.981	746.740	0.773 *	746.670	0.000
9	746.920	3.401	746.820	1.620	746.920	3.310	746.760	0.951	746.710	0.483 #	746.680	0.000
10	746.860	2.253 *	746.820	1.573	746.900	2.966	746.760	0.971	746.730	0.686	746.670	0.000
11	746.840	2.174	746.820	1.581	746.930	3.590 *	747.720	47.13 *	746.720	0.494	746.780	1.343
12	746.840	2.094	746.830	1.752	746.830	2.091	747.720	47.13 #	746.690	0.333 #	746.780	1.290 *
13	746.900	2.992	746.820	1.595	746.860	2.136	747.760	50.90 #	746.690	0.333 #	746.800	1.607 *
14	746.920	3.333	746.820	1.642 *	746.830	2.105	746.760	0.935	746.680	0.000	746.750	0.876
15	746.920	3.337	746.780	1.138 *	746.820	1.564	746.760	0.933	746.660	0.000	746.750	0.899
16	746.920	3.256	746.790	1.322	746.790	1.390	746.780	1.348	746.660	0.000	746.780	1.290 #
17	746.910	3.172 *	746.790	1.297	746.900	2.863	746.760	0.954	746.650	0.000	746.780	1.290 #
18	746.900	3.038	746.790	1.312	746.810	1.506 *	746.760	0.924 *	746.660	0.000	746.770	1.146 #
19	746.880	2.162	746.790	1.320	746.820	1.609	746.780	1.353	746.750	0.855	746.770	1.146 #
20	746.910	3.065	746.790	1.302	746.790	1.406	746.780	1.393	746.780	1.317	746.880	3.310 *
21	746.880	2.236	746.790	1.254 *	746.810	1.506 #	746.830	1.946	746.830	1.908	746.880	3.431
22	746.880	2.143	746.770	0.942	746.830	2.100	746.890	3.156	746.880	3.310 *	746.880	3.374
23	746.860	2.106	746.770	0.961	746.830	2.115	746.890	3.123	746.850	2.173	746.880	3.372
24	746.870	2.423 *	746.770	0.974	746.830	2.081	746.810	2.070	746.780	1.334	746.880	3.388
25	746.880	2.600 *	746.770	0.991	746.800	1.377 *	746.800	1.607 *	746.810	1.993	746.890	3.454
26	746.880	2.155	746.800	1.377 *	746.830	2.088	746.780	1.378	746.780	1.359	746.900	3.528
27	746.860	2.146	746.820	1.596	746.770	0.968	746.770	1.214	746.780	1.304	747.250	22.17 *
28	746.860	2.108	746.920	3.377 *	746.770	1.028 *	746.770	1.193	746.750	0.881	746.900	3.548
29	746.880	2.198	746.740	0.634			746.750	0.888 *	746.720	0.571 *	746.850	3.105
30	746.960	4.896	746.770	0.994			746.750	0.888 *	746.780	1.290 *	746.850	3.163
31	746.900	2.975 *	746.770	0.981			746.830	2.096			746.860	3.271
Ten-Daily Mean												
I Ten-Daily	746.921	3.494	746.852	2.072	746.819	1.741	746.771	1.081	746.752	0.905	746.684	0.087
II Ten-Daily	746.894	2.862	746.802	1.426	746.838	2.026	747.058	15.30	746.694	0.333	746.784	1.420
III Ten-Daily	746.883	2.544	746.790	1.280	746.809	1.658	746.806	1.778	746.796	1.612	746.911	5.073
Monthly												
Min.	746.840	2.094	746.740	0.634	746.770	0.924	746.750	0.826	746.650	0.000	746.670	0.000
Max.	746.960	4.896	746.920	3.377	746.930	3.590	747.760	50.90	746.880	3.310	747.250	22.17
Mean	746.899	2.953	746.814	1.583	746.823	1.819	746.876	5.915	746.747	0.95	746.797	2.286

Peak Computed Discharge = 93.94 cumecs on 29/09/2017 Corres. Water Level :748 m

Lowest Computed Discharge = 0.571 cumecs on 29/04/2018 Corres. Water Level :746.72 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

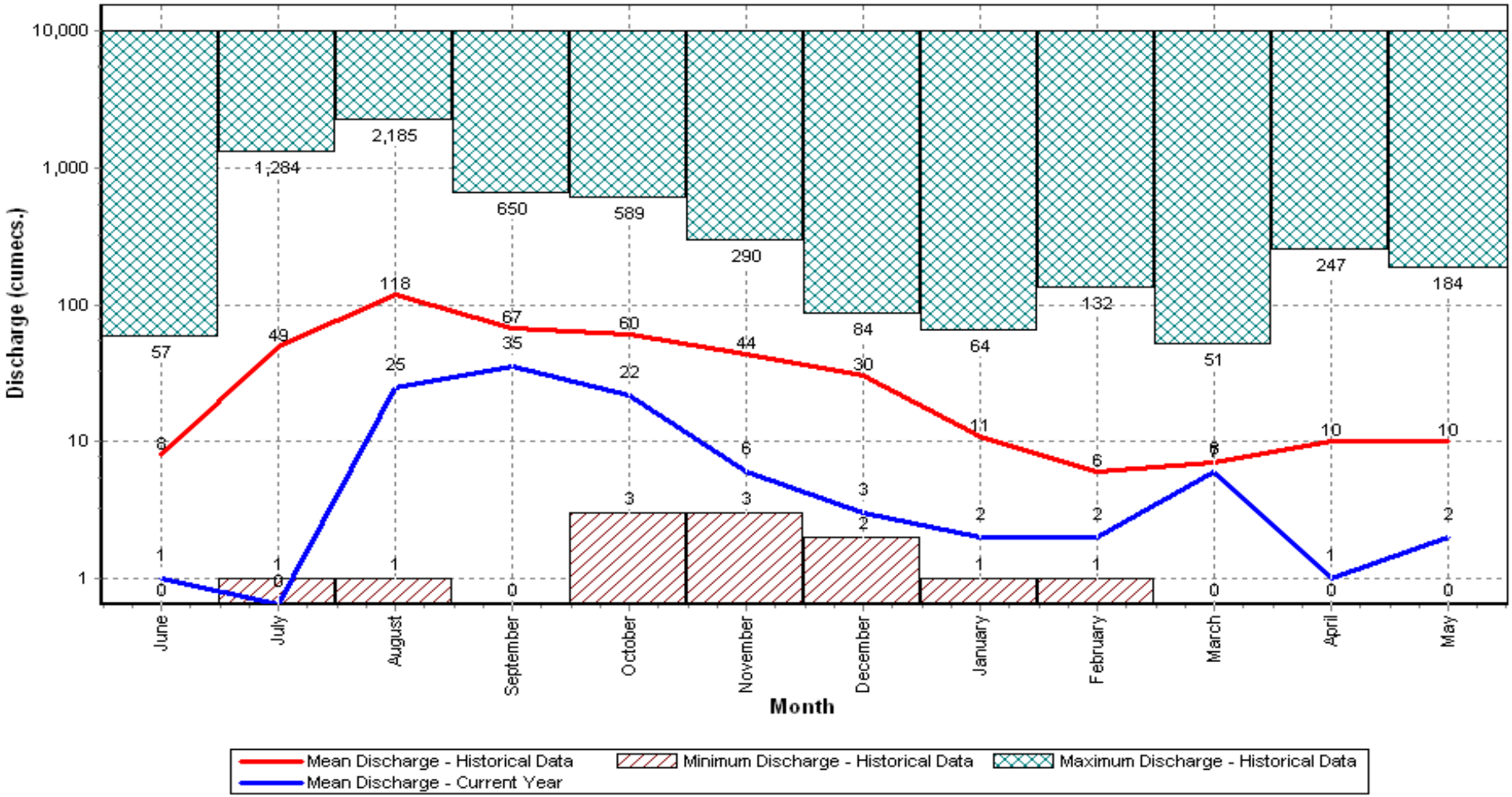
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Akkihebbal (CCR00B7) | **Data considered : 2002-2018** | **Division : Cauvery Division, Bangalore**

Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



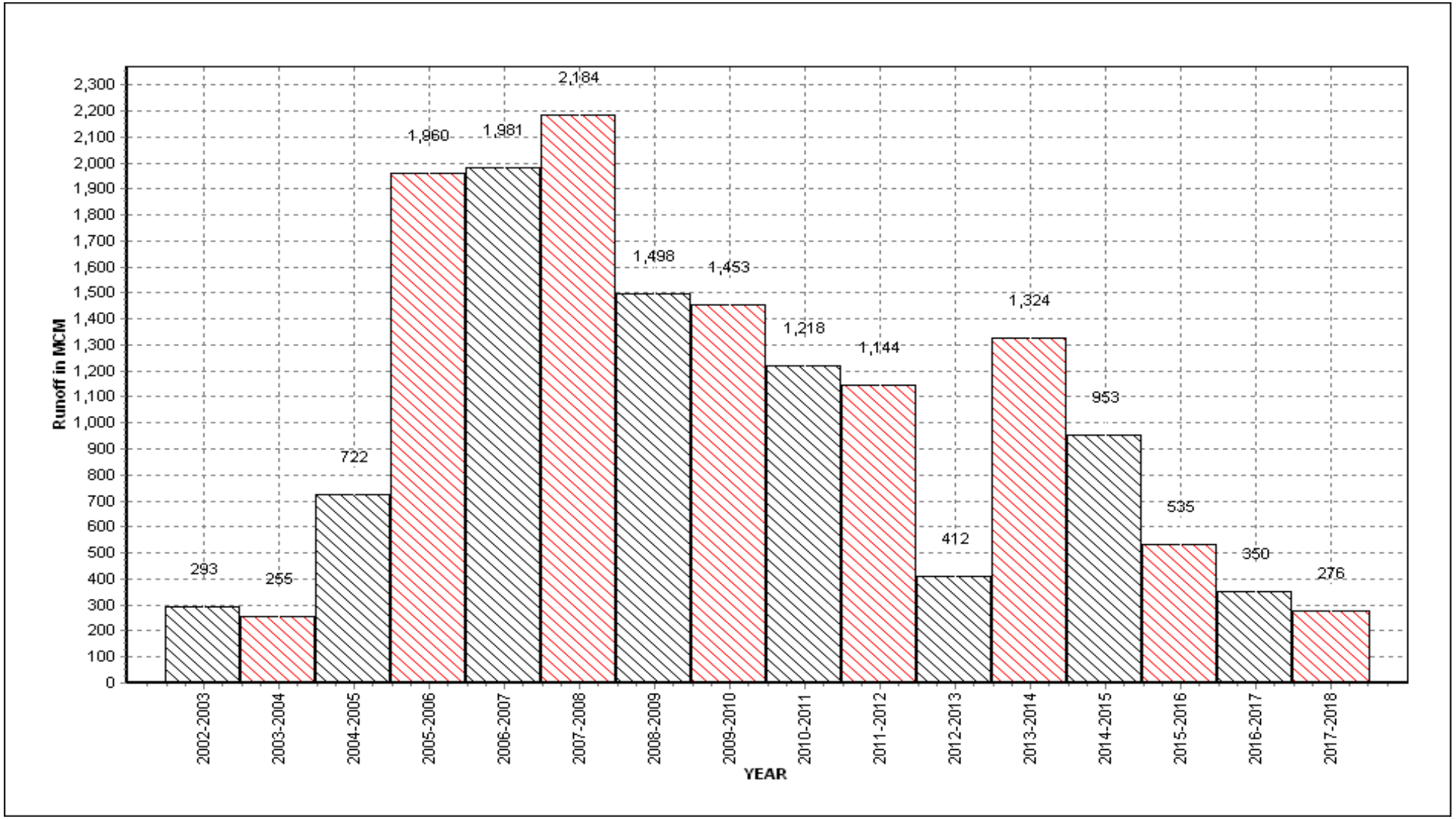
Annual Runoff Values for the period: 2002 - 2018

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

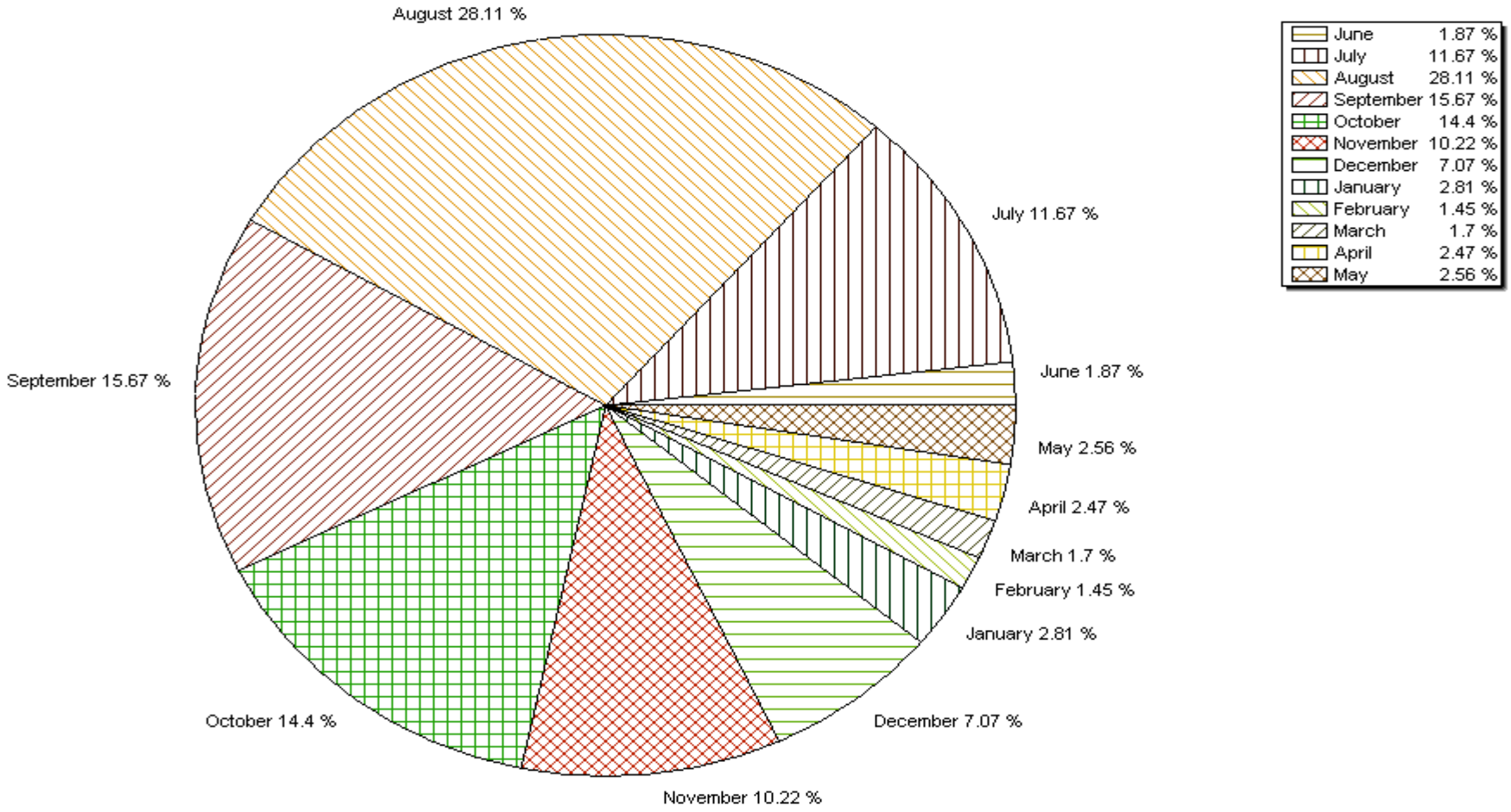
Monthly Average Runoff based on period : 2002-2017

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



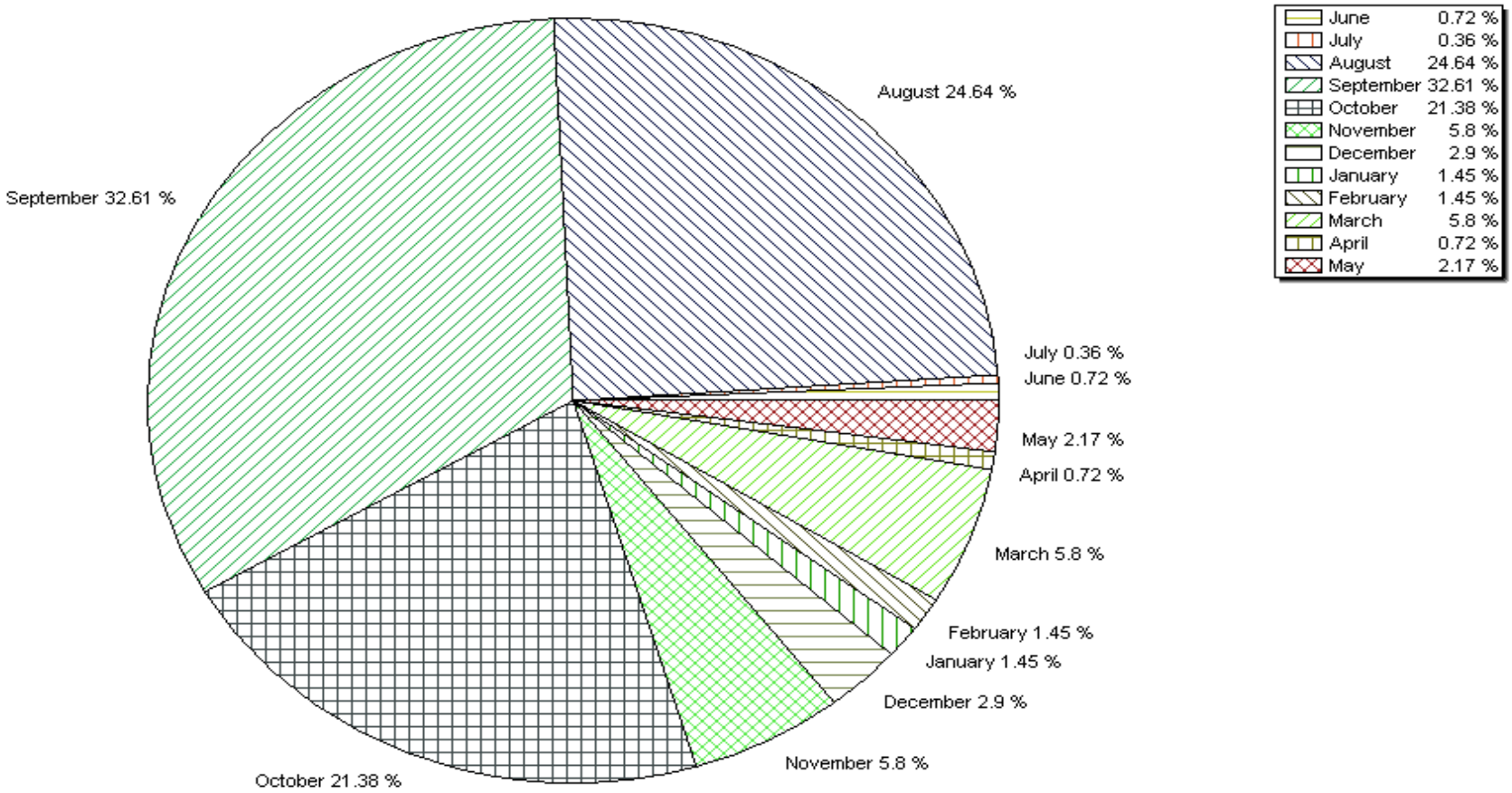
Monthly Runoff for the Year : 2017-2018

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

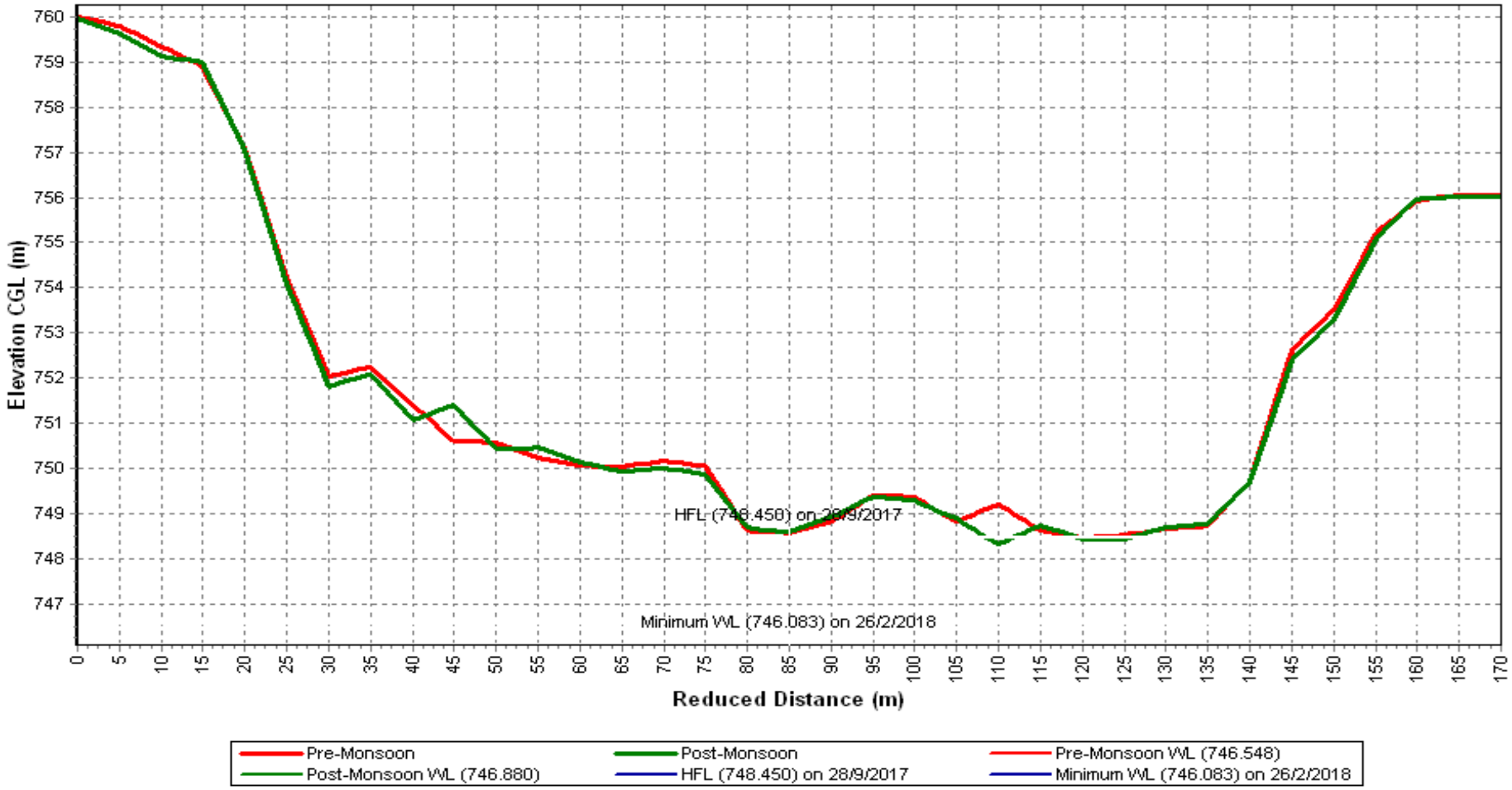
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

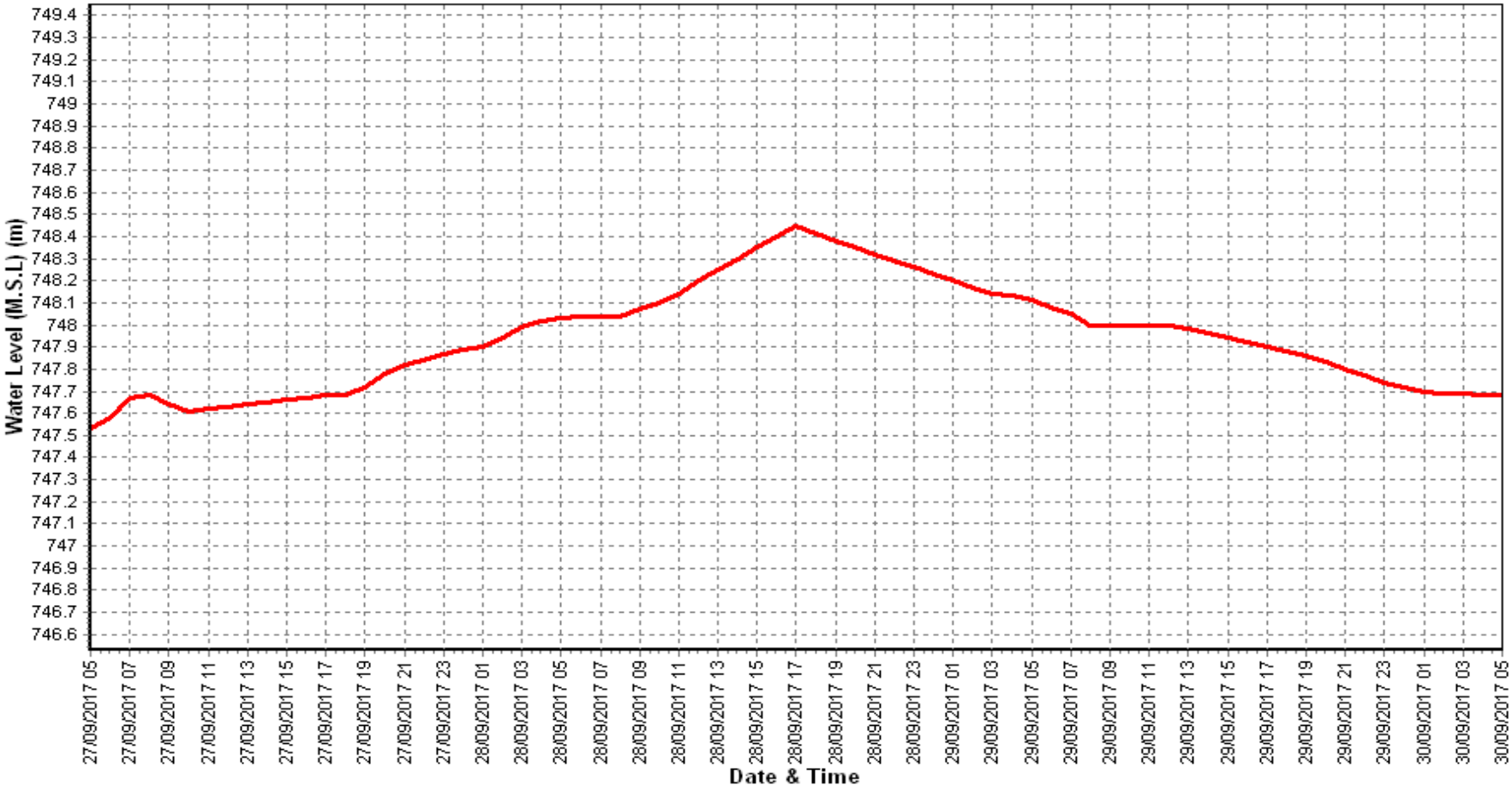
Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**



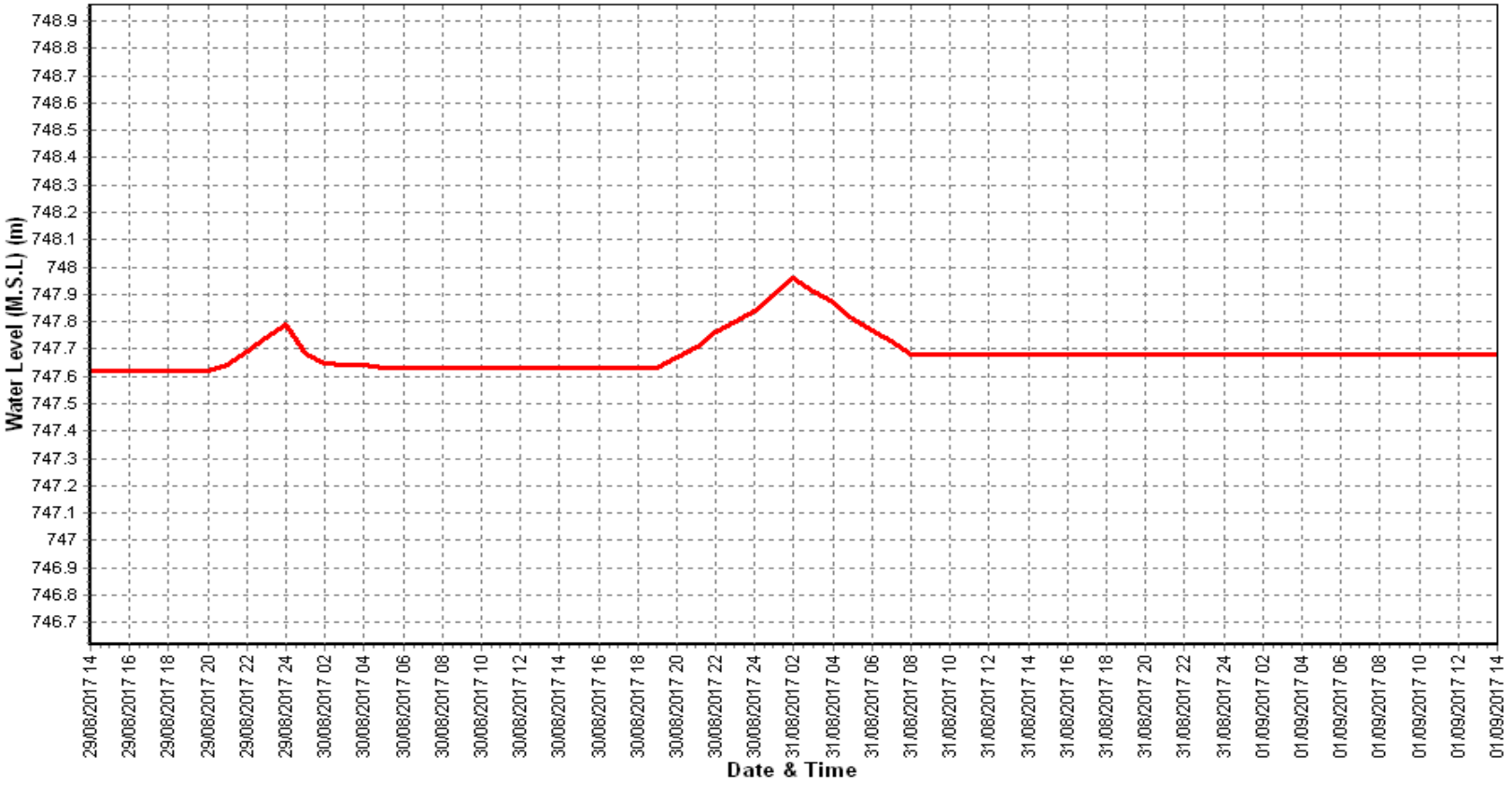
Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

350

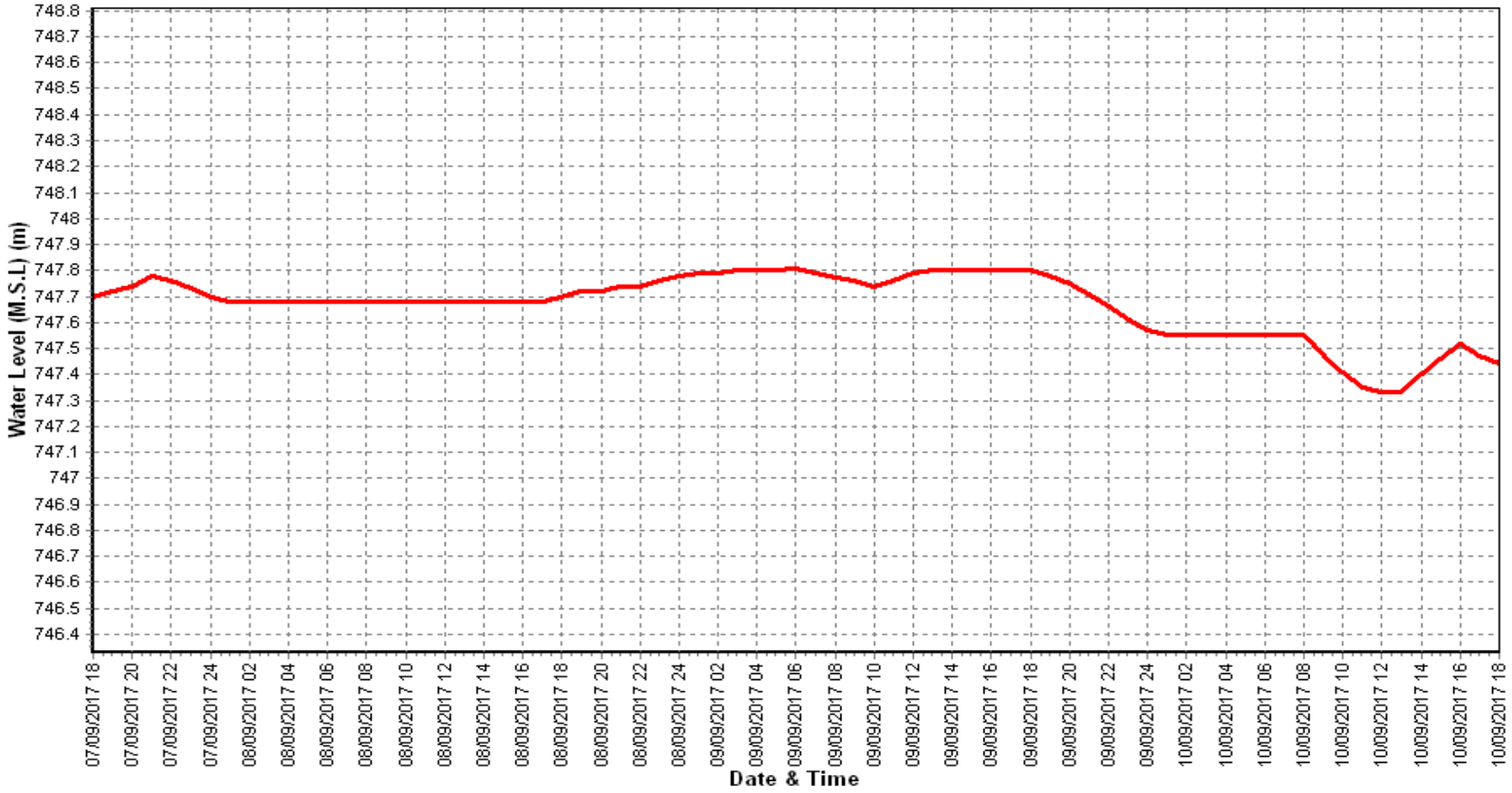


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	:	**M.H.Halli**	**Code**	:	**CCR00M8**
State	:	Karnataka	District		Hassan
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Hemavathi	Sub Tributary	:	-
Sub-Sub Tributary	:	-	Local River	:	Hemavathi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	3050 Sq. Km.	Bank	:	Left
Latitude	:	12°49'08"	Longitude	:	76°08'00"
Zero of Gauge (m)	:	838.000(m.s.l)	04-10-1977		
		Opening Date	Closing Date		
Gauge	:	04-10-1977			
Discharge	:	16-10-1978			
Sediment	:	01-06-1994			
Water Quality	:	01-07-1980			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1979-1980	650.0	843.320	11-08-1979	2.000	839.090	25-05-1980
1980-1981	1115	843.960	10-07-1980	1.900	838.810	26-01-1981
1981-1982	1311	843.960	19-08-1981	4.900	838.830	05-02-1982
1982-1983	386.2	841.285	04-08-1982	0.400	838.645	02-05-1983
1983-1984	436.2	841.550	01-10-1983	1.800	838.680	07-06-1983
1984-1985	781.4	842.575	19-07-1984	16.80	839.070	23-05-1985
1985-1986	60.00	839.600	20-10-1985	2.200	838.695	23-06-1985
1986-1987	870.5	843.030	10-08-1986	8.000	839.030	15-06-1986
1987-1988	100.7	840.430	25-05-1988	9.733	839.425	31-05-1988
1988-1989	355.5	841.635	06-01-1989	8.700	839.430	12-06-1988
1989-1990	306.3	841.545	25-08-1989	8.500	839.125	11-06-1989
1990-1991	496.0	842.875	22-08-1990	12.04	839.200	16-06-1990
1991-1992	2172	846.477	28-07-1991	13.99	839.205	21-02-1992
1992-1993	1012	843.260	15-08-1992	12.98	839.045	04-05-1993
1993-1994	455.9	841.784	16-08-1993	17.29	839.035	04-05-1994
1994-1995	2170	846.400	16-07-1994	13.50	838.960	13-05-1995
1995-1996	353.4	841.240	05-09-1995	8.500	838.780	26-05-1996
1996-1997	60.03	839.600	03-09-1996	4.831	838.650	18-06-1996
1997-1998	455.0	843.820	08-08-1997	6.500	838.620	08-07-1997

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1998-1999	161.0	840.680	17-09-1998	7.185	838.700	02-02-1999
1999-2000	617.8	842.260	08-08-1999	6.939	838.760	02-02-2000
2000-2001	380.8	841.900	23-09-2000	3.118	838.810	26-02-2001
2001-2002	195.5	840.050	08-06-2001	3.294	838.830	08-07-2001
2002-2003	131.7	840.270	10-05-2003	1.059	838.710	06-03-2003
2003-2004	39.58	839.420	09-11-2003	1.392	838.800	29-07-2003
2004-2005	132.0	840.290	24-04-2005	1.070	838.670	03-04-2005
2005-2006	1064	844.000	02-08-2005	1.598	838.740	07-07-2005
2006-2007	409.6	841.930	17-08-2006	2.735	838.255	05-03-2007
2007-2008	358.4	840.400	26-09-2007	0.351	838.260	04-06-2007
2008-2009	792.1	843.230	14-08-2008	3.677	838.260	22-07-2008
2009-2010	1037	842.600	19-07-2009	2.409	838.200	27-01-2010
2010-2011	150.4	839.675	23-11-2010	4.718	838.250	21-07-2010
2011-2012	359.0	840.660	05-09-2011	3.653	838.170	08-04-2012
2012-2013	184.0	839.800	06-10-2012	0.000	838.020	17-07-2012
2013-2014	1110	843.470	02-08-2013	0.000	838.020	01-06-2013
2014-2015	489.0	841.360	06-08-2014	0.000	838.140	01-06-2014
2015-2016	174.5	839.660	24-08-2015	0.000	838.205	01-06-2015
2016-2017	231.1	840.065	09-09-2016	0.000	837.840	12-04-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	837.830	0.000	837.750	0.000	838.020	0.000	838.880	55.30	838.420	21.05 *	838.520	26.33
2	837.830	0.000	837.760	0.000	838.030	0.000	838.890	52.87 *	838.550	28.33 *	838.500	25.64
3	837.830	0.000	837.760	0.000	838.020	0.000	838.900	53.71 *	838.340	17.87	838.510	26.27
4	837.830	0.000	837.760	0.000	838.020	0.000	838.900	56.69	838.350	18.04	838.540	27.73 *
5	837.830	0.000	837.770	0.000	838.030	0.000	838.900	56.23	838.320	17.08	838.550	28.33 *
6	837.820	0.000	837.770	0.000	838.170	0.000	838.890	55.92	838.300	15.97	838.550	26.78
7	837.820	0.000	837.800	0.000	838.820	56.68	838.920	58.16	838.230	13.30	838.550	26.74
8	837.820	0.000	837.770	0.000	839.030	66.47	838.930	59.51	838.190	10.94 *	838.550	26.64
9	837.820	0.000	837.780	0.000	839.010	63.34	838.420	22.76	838.220	13.06	838.540	26.54
10	837.810	0.000	837.780	0.000	838.920	58.35	838.610	32.07 *	838.230	13.26	838.540	26.56
11	837.810	0.000	837.760	0.000	838.880	57.64	838.500	25.10	838.220	12.95	838.550	26.75
12	837.830	0.000	837.770	0.000	838.880	57.12	838.500	25.45	838.250	13.41	838.540	27.73 *
13	837.820	0.000	837.790	0.000	838.640	34.04 *	838.510	26.24	838.250	13.47	838.550	26.59
14	837.830	0.000	837.830	0.000	838.640	29.90	838.430	23.13	838.320	17.10	838.450	23.76
15	837.830	0.000	837.910	0.000	838.640	34.04 *	838.440	23.76	838.350	17.60 *	838.470	24.09
16	837.830	0.000	837.890	0.000	838.640	28.66	838.410	21.74	838.240	13.24	838.460	23.81
17	837.830	0.000	837.890	0.000	838.660	31.95	838.350	17.60 *	838.230	13.24	838.490	25.01
18	837.830	0.000	837.950	0.000	838.650	31.32	838.320	17.00	838.230	12.45 *	838.490	24.99
19	837.840	0.000	837.960	0.000	838.650	31.03	838.440	23.34	838.210	12.54	838.470	23.71 *
20	837.840	0.000	837.970	0.000	838.610	32.07 *	838.560	26.82	838.220	12.99	838.460	23.11
21	837.840	0.000	837.960	0.000	838.600	26.93	838.420	22.51	838.230	13.27	838.460	22.71
22	837.840	0.000	837.940	0.000	838.960	60.88	838.380	19.95	838.200	11.31 *	838.450	19.28
23	837.840	0.000	837.950	0.000	838.900	56.63	838.370	19.28	838.200	11.98	838.450	18.85
24	837.840	0.000	837.940	0.000	838.910	51.29	838.410	20.54 *	838.170	9.950	838.450	18.35
25	837.820	0.000	837.940	0.000	838.930	56.29 *	838.500	28.52	838.200	11.53	838.440	17.26
26	837.820	0.000	837.940	0.000	838.880	55.65	838.490	25.30	838.240	13.31	838.440	22.10 *
27	837.820	0.000	837.970	0.000	838.900	53.71 *	838.500	25.61	838.340	17.79	838.440	17.14
28	837.760	0.000	838.000	0.000	838.800	53.63	838.390	20.09	838.460	23.95	838.450	18.06
29	837.750	0.000	838.000	0.000	838.960	60.76	838.360	18.08 *	838.470	23.71 *	838.460	18.89
30	837.760	0.000	838.000	0.000	838.890	56.21	838.440	23.37	838.490	25.02	838.440	17.86
31			837.990	0.000	838.880	55.74			838.580	27.55		
Ten-Daily Mean												
I Ten-Daily	837.824	0.000	837.770	0.000	838.407	24.48	838.824	50.32	838.315	16.89	838.535	26.76
II Ten-Daily	837.829	0.000	837.872	0.000	838.689	36.78	838.446	23.02	838.252	13.90	838.493	24.96
III Ten-Daily	837.809	0.000	837.966	0.000	838.874	53.43	838.426	22.32	838.325	17.22	838.448	19.05
Monthly												
Min.	837.750	0.000	837.750	0.000	838.020	0.000	838.320	17.00	838.170	9.950	838.440	17.14
Max.	837.840	0.000	838.000	0.000	839.030	66.47	838.930	59.51	838.580	28.33	838.550	28.33
Mean	837.821	0	837.873	0	838.664	38.72	838.565	31.89	838.298	16.04	838.492	23.59

Annual Runoff in MCM = 501 Annual Runoff in mm = 164

Peak Observed Discharge = 66.47 cumecs on 08/08/2017 Corres. Water Level :839.03 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :837.83 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	838.450	18.11	838.350	13.92	838.460	18.54	838.390	15.71	838.000	0.000	838.240	11.96
2	838.460	19.92 *	838.350	13.86	838.460	18.57	838.390	15.11	838.000	0.000	838.095	0.000
3	838.450	19.39 *	838.380	14.85	838.450	18.14	838.390	15.34	837.920	0.000	838.090	0.000
4	838.450	18.15	838.360	14.17	838.450	19.39 *	838.270	11.16 *	837.920	0.000	838.130	0.000
5	838.430	16.90	838.380	15.09	838.460	18.18	838.200	9.880	837.910	0.000	838.070	0.000
6	838.450	18.12	838.400	15.87	838.450	18.07	838.040	0.000	837.950	0.000	838.020	0.000
7	838.450	18.21	838.360	14.94 *	838.450	18.02	838.010	0.000	837.940	0.000	838.020	0.000
8	838.450	18.10	838.390	15.45	838.450	17.99	838.020	0.000	838.150	0.000	838.050	0.000
9	838.450	18.17	838.350	14.55	838.460	18.09	838.040	0.000	838.350	15.42	838.020	0.000
10	838.460	19.92 *	838.400	15.92	838.460	18.13	838.050	0.000	838.480	21.89	838.130	0.000
11	838.460	19.23	838.360	14.57	838.460	19.92 *	838.070	0.000	838.470	20.38	838.130	0.000
12	838.460	19.05	838.370	14.66	838.450	17.96	838.090	0.000	838.480	21.51	838.250	10.40 *
13	838.500	23.92	838.370	14.63	838.460	18.22	838.150	0.000	838.480	22.44	838.280	11.54 *
14	838.500	23.77	838.370	15.40 *	838.460	18.29	838.180	0.000	838.480	22.89	838.300	12.81
15	838.530	25.97	838.370	15.40 *	838.460	18.31	838.180	0.000	838.460	19.92 *	838.340	14.15
16	838.530	26.10	838.370	14.33	838.460	18.04	838.180	0.000	838.480	23.41	838.380	16.53
17	838.530	23.92 *	838.370	14.24	838.460	18.02	838.170	0.000	838.480	25.32	838.380	16.30
18	838.520	25.32	838.380	14.83	838.400	16.83 *	838.180	0.000	838.460	24.46	838.380	16.17
19	838.510	24.60	838.380	14.80	838.380	14.42	838.190	0.000	838.460	24.21	838.380	16.73
20	838.510	24.85	838.380	14.76	838.370	14.20	838.190	0.000	838.480	26.73	838.380	15.87 *
21	838.520	25.84	838.360	14.94 *	838.370	14.15	838.180	0.000	838.460	25.30	838.380	16.65
22	838.520	25.57	838.250	10.40 *	838.400	15.14	838.180	0.000	838.390	16.35 *	838.400	17.93
23	838.510	24.39	838.250	13.06	838.460	17.93	838.180	0.000	838.320	14.28	838.380	16.26
24	838.510	22.74 *	838.340	14.44	838.490	20.45	838.170	0.000	838.300	13.83	838.350	15.99
25	838.510	22.74 *	838.370	14.79	838.510	22.74 *	838.170	0.000	838.380	16.32	838.350	15.34
26	838.510	24.74	838.400	16.83 *	838.370	14.25	838.170	0.000	838.400	17.08	838.400	17.90
27	838.510	24.49	838.380	14.43	838.390	15.67	838.010	0.000	838.320	14.38	838.360	14.94 *
28	838.510	24.30	838.380	15.87 *	838.390	15.88	837.980	0.000	838.300	13.84	838.380	16.98
29	838.400	16.03	838.400	15.06			838.000	0.000	838.280	11.54 *	838.380	16.59
30	838.370	14.45	838.400	15.22			837.950	0.000	838.270	11.16 *	838.440	21.50
31	838.370	15.40 *	838.400	15.02			837.980	0.000			838.400	18.22
Ten-Daily Mean												
I Ten-Daily	838.450	18.50	838.372	14.86	838.455	18.31	838.180	6.720	838.062	3.731	838.087	1.196
II Ten-Daily	838.505	23.67	838.372	14.76	838.436	17.42	838.158	0.000	838.473	23.13	838.320	13.05
III Ten-Daily	838.476	21.88	838.357	14.55	838.423	17.03	838.088	0.000	838.342	15.41	838.384	17.12
Monthly												
Min.	838.370	14.45	838.250	10.40	838.370	14.15	837.950	0.000	837.910	0.000	838.020	0.000
Max.	838.530	26.10	838.400	16.83	838.510	22.74	838.390	15.71	838.480	26.73	838.440	21.50
Mean	838.477	21.37	838.367	14.72	838.439	17.63	838.140	2.168	838.292	14.09	838.267	10.67

Peak Computed Discharge = 56.29 cumecs on 25/08/2017 **Corres. Water Level :838.93 m**

Lowest Computed Discharge = 10.40 cumecs on 22/01/2018 **Corres. Water Level :838.25 m**

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

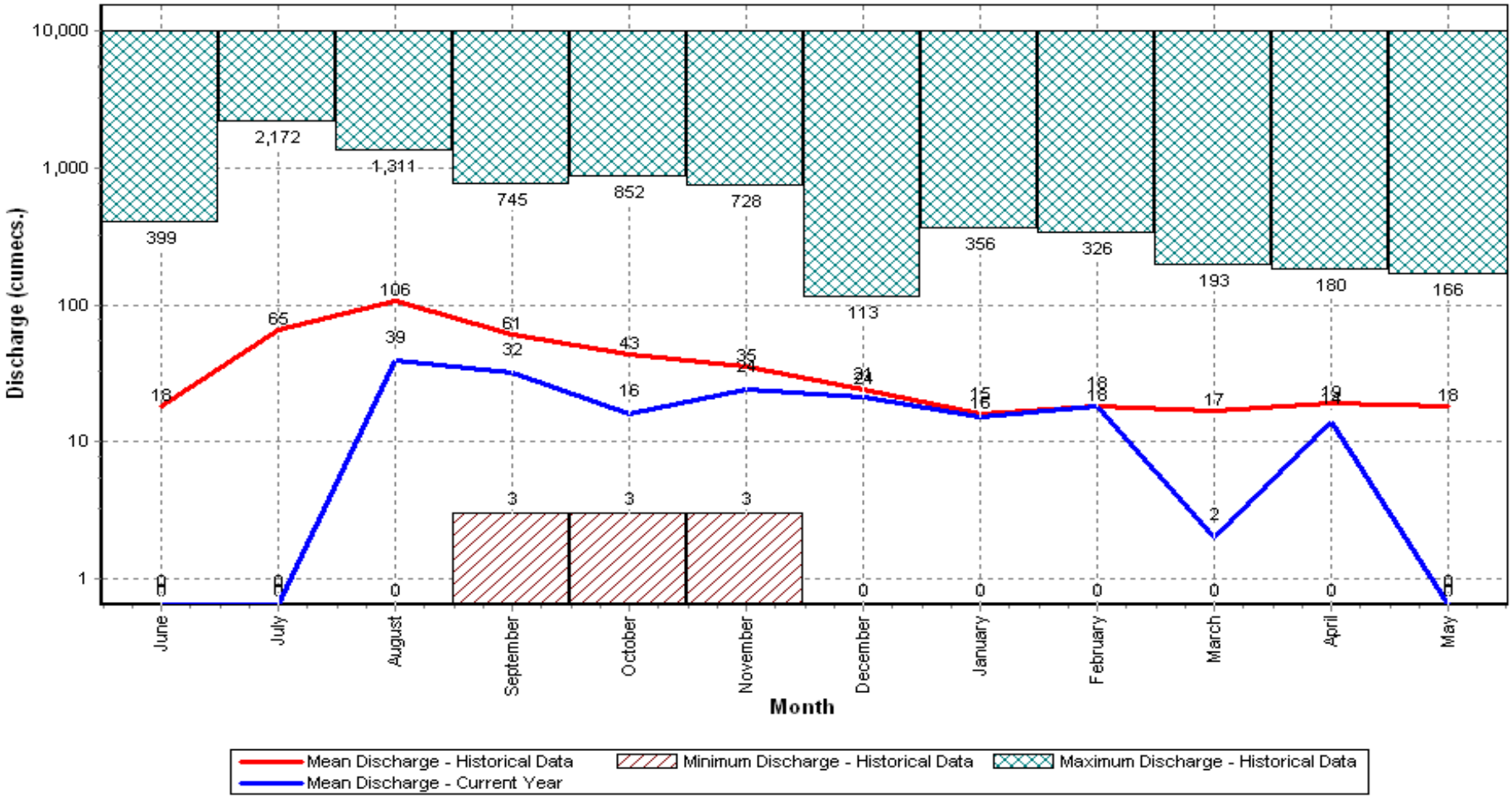
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : M.H.Halli (CCR00M8) | **Data considered : 1979-2018** | **Division : Cauvery Division, Bangalore**

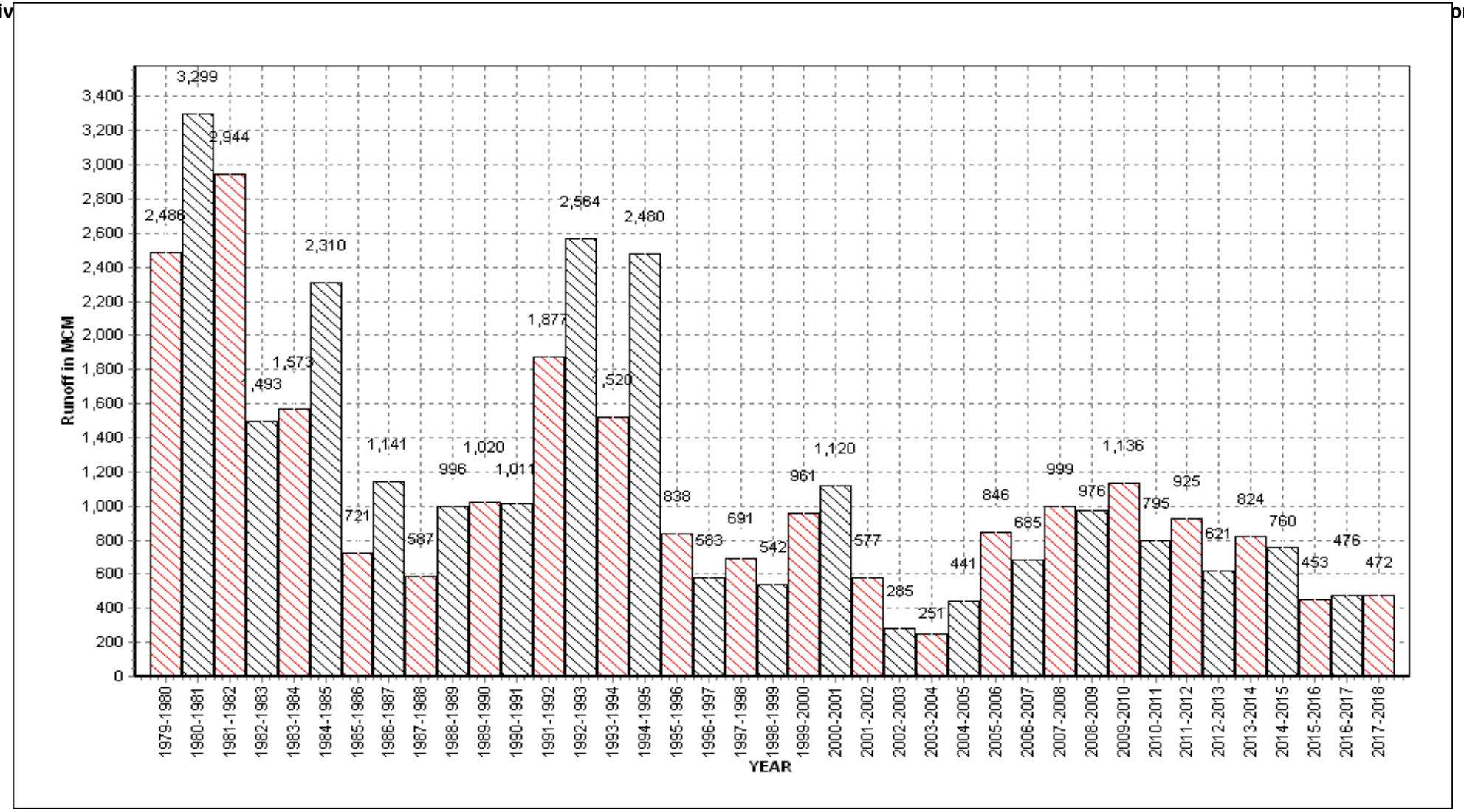
Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1979 - 2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local Riv **bre**



Note: Missing values have not been considered while arriving at Annual Runoff

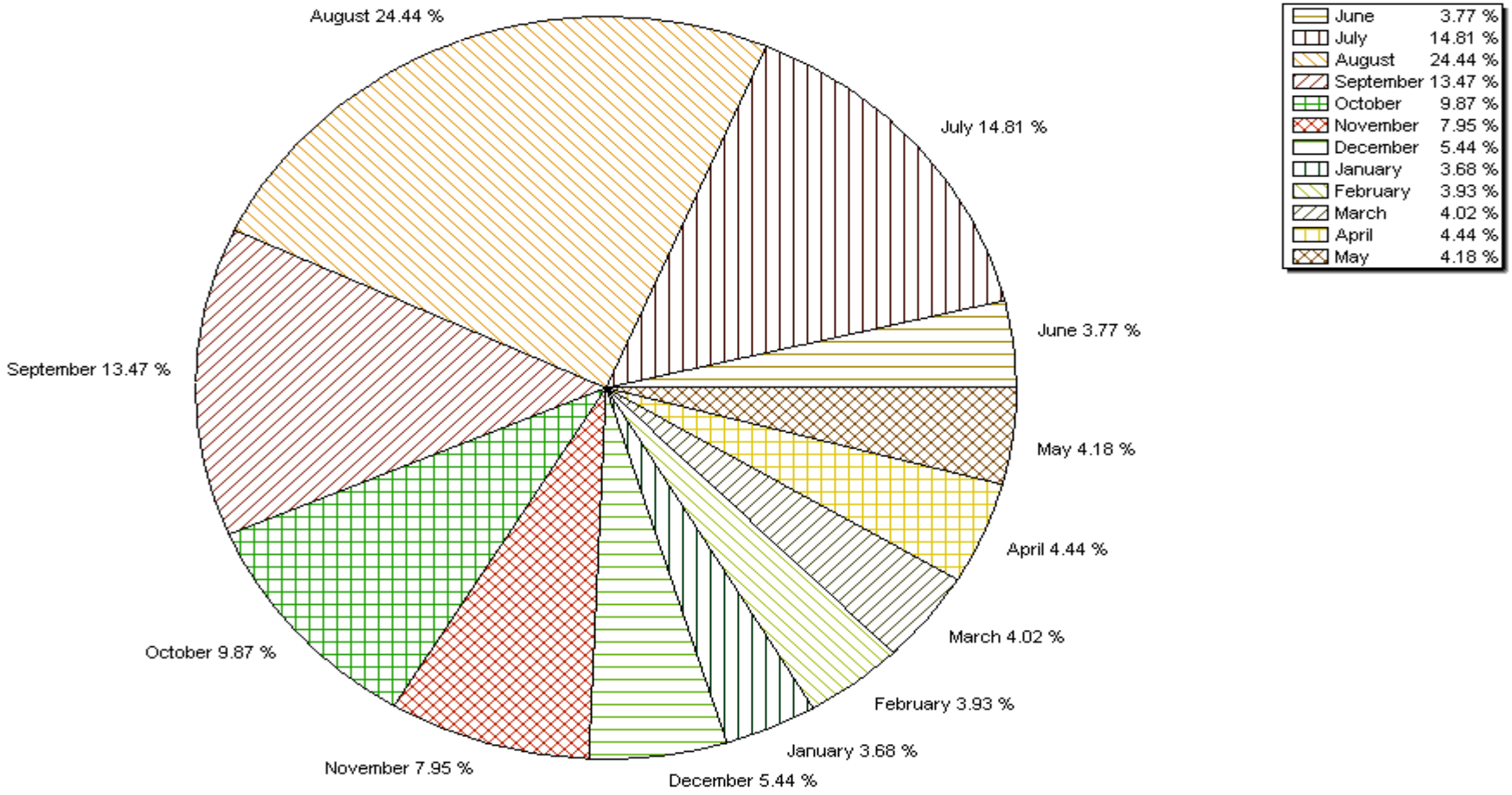
Monthly Average Runoff based on period : 1979-2017

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

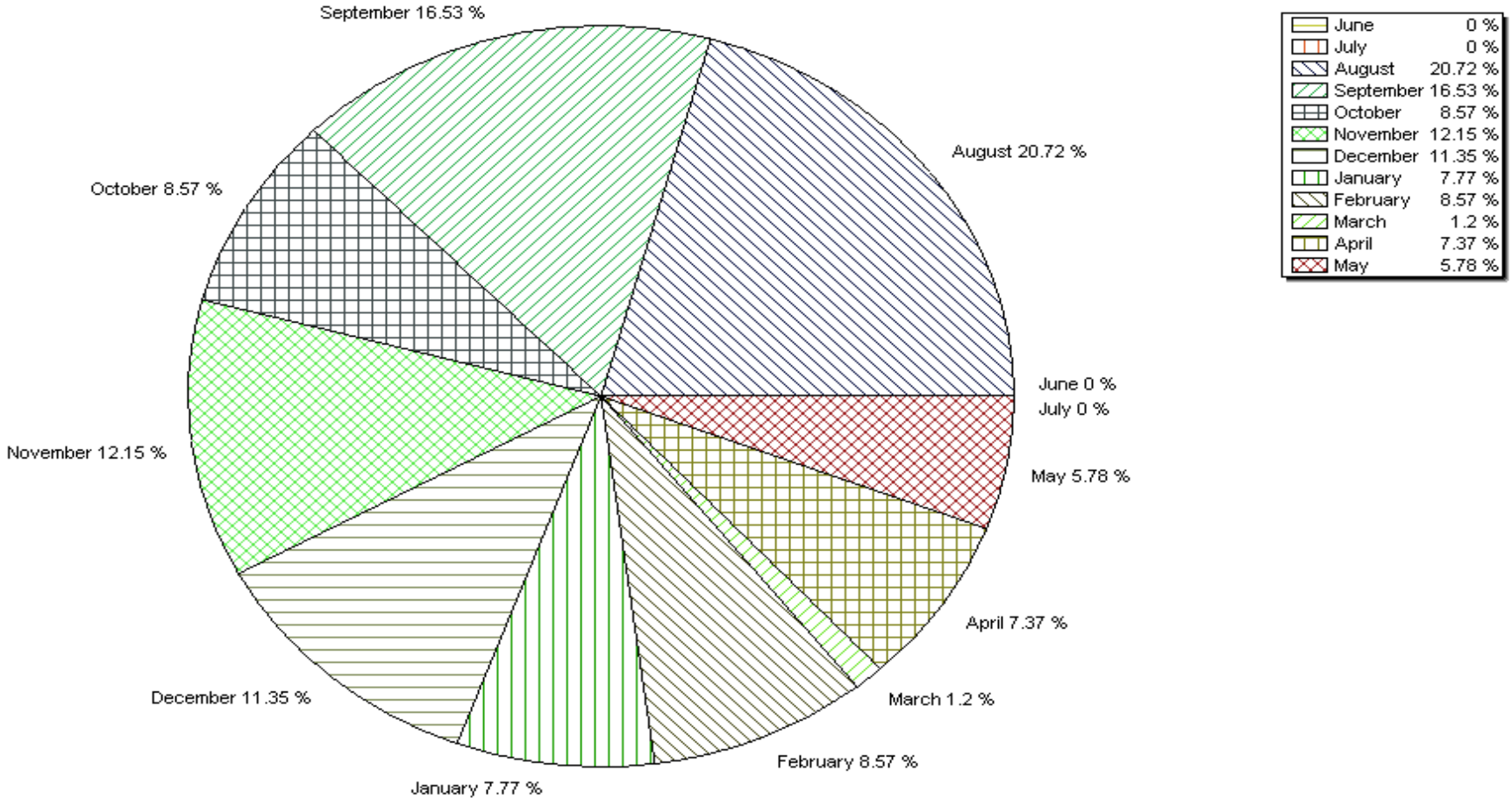
Sub-Division : Upper Cauvery SD, Bangalore



Station Name: M H Halli (CCR00M8)
Local River: Hemavathi

Monthly Average Runoff based on Period 1979 - 2017

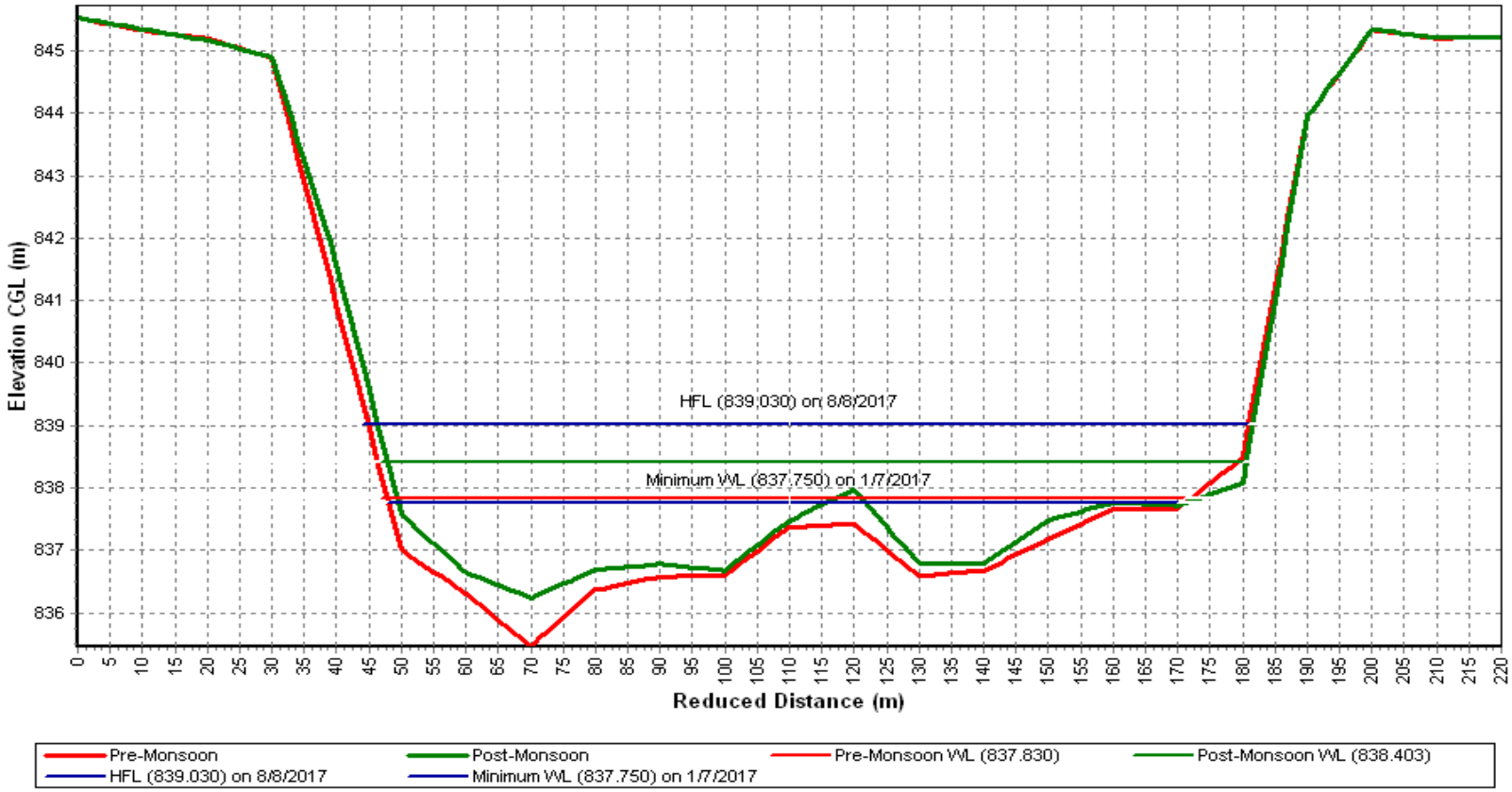
Division: Cauvery Division, Bangalore
Sub-Division: Upper Cauvery S D, Bangalore



Station Name: M H Halli (CCR00M8)
Local River: Hemavathi

Pre-Monsoon and Post-Monsoon X-section fro Water Year 2017-2018

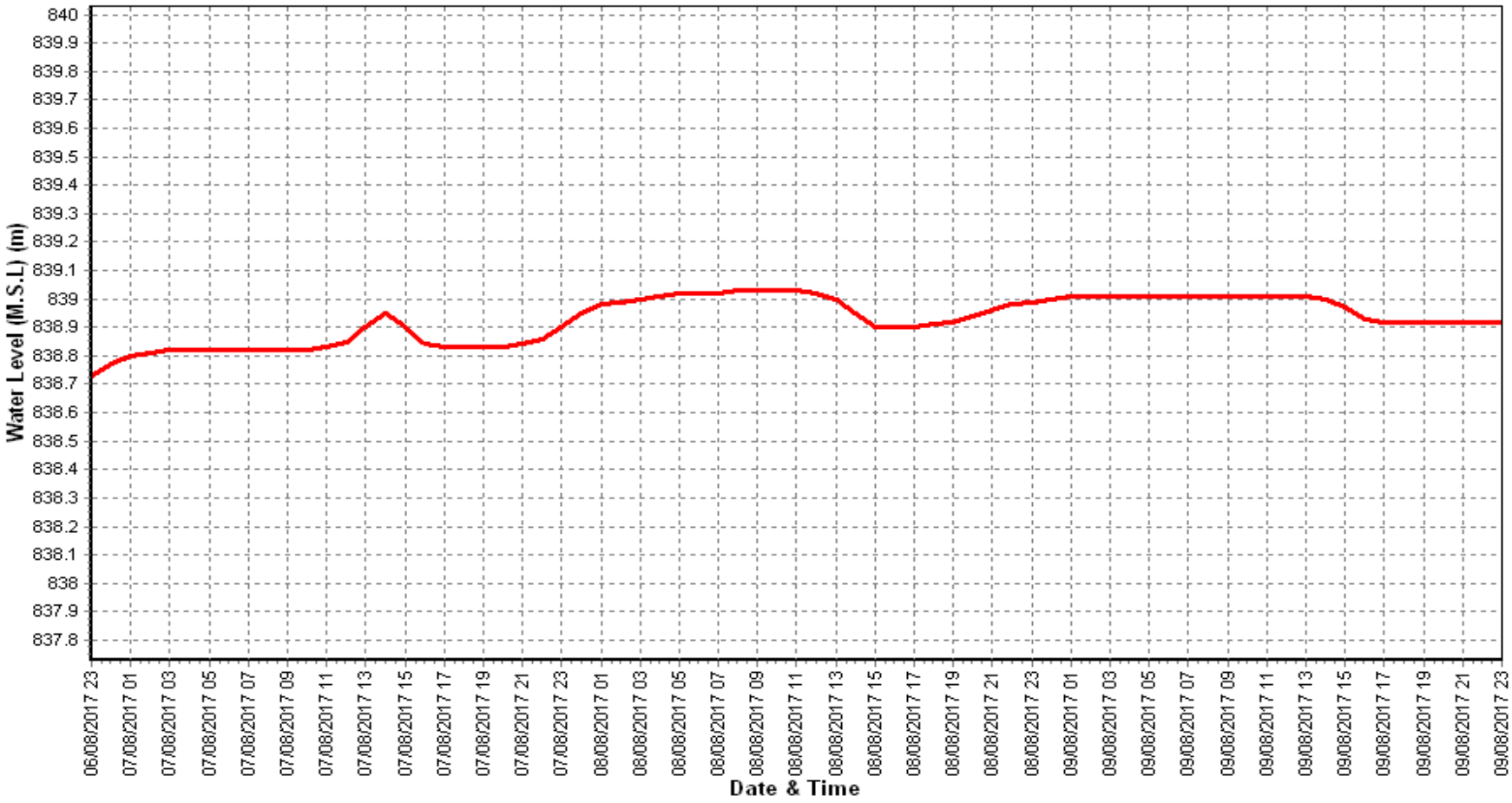
Division: Cauvery Division, Bangalore
Sub-Division: Upper Cauvery S D, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

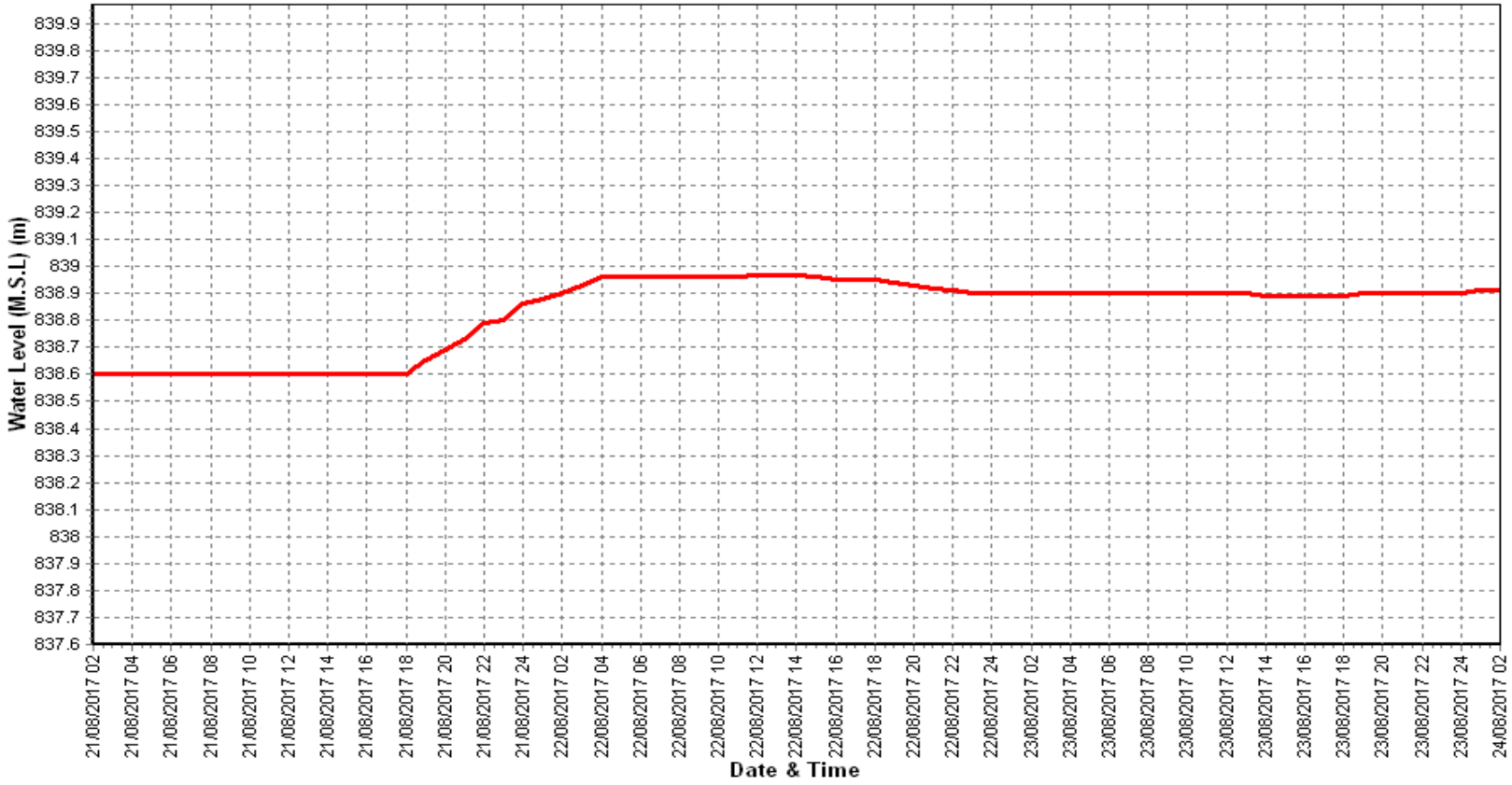


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

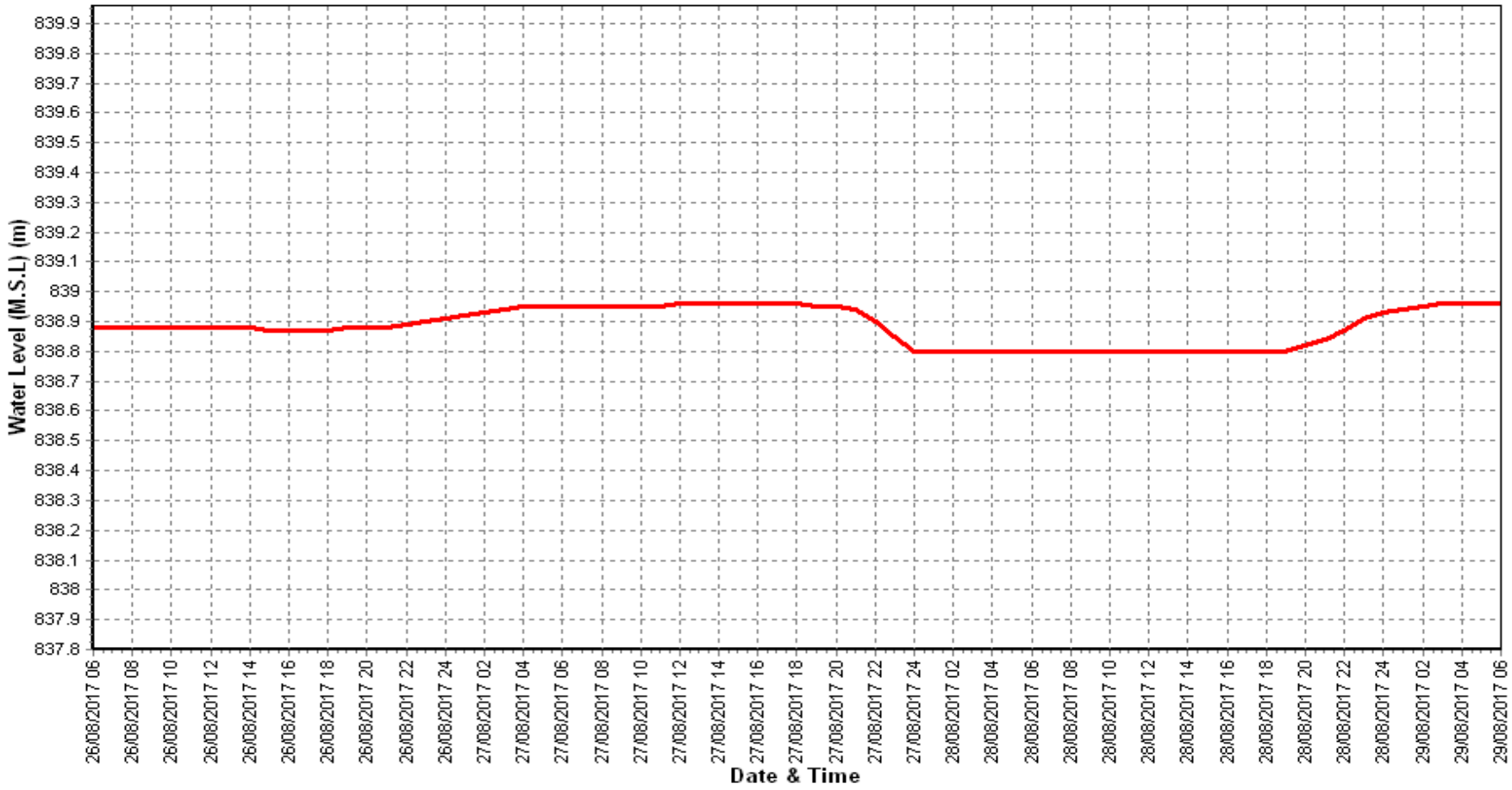


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Thimmanahalli**	**Code**	:	**CCRI0F7**
State	:	Karnataka	District		Hassan
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Yagachi	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Yagachi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	SWRSD-III, Mangalore
Drainage Area	:	1010 Sq. Km.	Bank	:	Left
Latitude	:	12°58'57"	Longitude	:	76°02'17"
Zero of Gauge (m)	:	8.000 (m.s.l) 902.425 (m.s.l)	09-12-1998 01-06-2000	-	31-05-2000
		Opening Date	Closing Date		
Gauge	:	09-12-1998			
Discharge	:	29-06-2000			
Sediment	:				
Water Quality	:	02-09-2002			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2001-2002	32.54	906.345	16-06-2001	0.000	905.130	13-03-2002
2002-2003	16.41	906.045	31-10-2002	0.000	905.215	11-07-2002
2003-2004	4.673	905.745	21-10-2003	0.000	Dry Bed	07-03-2004
2004-2005	19.91	906.265	17-06-2004	0.000	905.165	21-03-2005
2005-2006	69.77	907.355	03-08-2005	0.157	905.365	19-06-2005
2006-2007	87.33	907.445	05-07-2006	0.211	905.435	23-05-2007
2007-2008	365.3	908.635	06-08-2007	0.218	905.425	29-01-2008
2008-2009	301.7	908.665	14-08-2008	0.267	905.415	31-03-2009
2009-2010	393.1	909.665	16-07-2009	0.186	905.485	26-02-2010
2010-2011	249.6	908.725	06-11-2010	1.488	905.580	16-07-2010
2011-2012	85.00	907.375	16-10-2011	0.621	905.525	10-03-2012
2012-2013	50.27	906.625	07-10-2012	0.000	905.400	03-03-2013
2013-2014	155.2	907.870	02-08-2013	0.392	905.460	24-06-2013
2014-2015	85.61	907.200	29-09-2014	0.572	905.470	25-05-2015
2015-2016	35.01	906.500	02-11-2015	0.000	905.380	26-04-2016
2016-2017	4.603	905.685	24-10-2016	0.000	905.225	10-02-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	905.275	0.000 *	905.065	0.000 *	905.050	0.000 *	905.065	0.000 *	905.645	0.939 *	905.245	0.000
2	905.245	0.000 *	905.065	0.000 *	905.050	0.000 *	905.065	0.000 *	905.595	0.735 *	905.235	0.000
3	905.215	0.000 *	905.065	0.000 *	905.050	0.000 *	905.065	0.000 *	905.505	0.546	905.215	0.000
4	905.175	0.000 *	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.490	0.422	905.205	0.000
5	905.155	0.000 *	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.530	0.491	905.160	0.000
6	905.110	0.000 *	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.510	0.579	905.150	0.000
7	905.100	0.000 *	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.515	0.368	905.155	0.000
8	905.090	0.000 *	905.055	0.000 *	905.045	0.000 *	905.305	0.000 *	905.505	0.436 *	905.160	0.000
9	905.085	0.000 *	905.055	0.000 *	905.045	0.000 *	905.365	0.099	905.485	0.426	905.155	0.000
10	905.095	0.000 *	905.045	0.000 *	905.035	0.000 *	905.420	0.227 *	905.485	0.427	905.155	0.000
11	905.095	0.000 *	905.045	0.000 *	905.035	0.000 *	905.435	0.302	905.485	0.422	905.240	0.000
12	905.095	0.000 *	905.045	0.000 *	905.045	0.000 *	905.440	0.319	905.485	0.424	905.415	0.000
13	905.095	0.000 *	905.045	0.000 *	905.045	0.000 *	905.545	0.559 #	905.495	0.430	905.425	0.213
14	905.085	0.000 *	905.045	0.000 *	905.045	0.000 *	905.520	0.480 #	905.505	0.547	905.395	0.180 #
15	905.075	0.000 *	905.055	0.000 *	905.055	0.000 *	905.475	0.354 #	905.525	0.592 *	905.365	0.000
16	905.075	0.000 *	905.055	0.000 *	905.055	0.000 *	905.445	0.308	905.525	0.489	905.355	0.000
17	905.075	0.000 *	905.065	0.000 *	905.055	0.000 *	905.425	0.238 *	905.595	0.567	905.345	0.000
18	905.125	0.000 *	905.065	0.000 *	905.065	0.000 *	905.430	0.297	905.555	0.554	905.325	0.000
19	905.110	0.000 *	905.075	0.000 *	905.065	0.000 *	905.465	0.329 #	905.530	0.485	905.295	0.000
20	905.085	0.000 *	905.125	0.000 *	905.065	0.000 *	905.475	0.354 #	905.515	0.369	905.295	0.000
21	905.085	0.000 *	905.075	0.000 *	905.065	0.000 *	905.475	0.354 #	905.495	0.429	905.295	0.000
22	905.075	0.000 *	905.075	0.000 *	905.065	0.000 *	905.495	0.407 #	905.480	0.367 *	905.225	0.000
23	905.065	0.000 *	905.075	0.000 *	905.055	0.000 *	905.475	0.354 #	905.475	0.304	905.205	0.000
24	905.065	0.000 *	905.075	0.000 *	905.055	0.000 *	905.445	0.281 *	905.450	0.230	905.185	0.000
25	905.065	0.000 *	905.065	0.000 *	905.055	0.000 *	905.445	0.309	905.420	0.212	905.115	0.000
26	905.065	0.000 *	905.065	0.000 *	905.055	0.000 *	905.460	0.317 #	905.415	0.222	905.095	0.000
27	905.065	0.000 *	905.055	0.000 *	905.055	0.000 *	905.465	0.329 #	905.420	0.213	905.095	0.000
28	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.560	0.587	905.375	0.146 #	905.085	0.000
29	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.545	0.559 *	905.355	0.109 *	905.085	0.000
30	905.065	0.000 *	905.055	0.000 *	905.065	0.000 *	905.695	1.425 #	905.335	0.089 *	905.075	0.000
31			905.040	0.000 *	905.065	0.000 *			905.255	0.019 *		
Ten-Daily Mean												
I Ten-Daily	905.154	0.000	905.061	0.000	905.049	0.000	905.154	0.033	905.527	0.537	905.184	0.000
II Ten-Daily	905.091	0.000	905.062	0.000	905.053	0.000	905.465	0.354	905.521	0.488	905.346	0.039
III Ten-Daily	905.068	0.000	905.063	0.000	905.061	0.000	905.506	0.492	905.407	0.213	905.146	0.000
Monthly												
Min.	905.065	0.000	905.040	0.000	905.035	0.000	905.065	0.000	905.255	0.019	905.075	0.000
Max.	905.275	0.000	905.125	0.000	905.065	0.000	905.695	1.425	905.645	0.939	905.425	0.213
Mean	905.105	0	905.062	0	905.055	0	905.375	0.293	905.482	0.406	905.225	0.013

Annual Runoff in MCM = 4 Annual Runoff in mm = 4

Peak Observed Discharge = 3.444 cumecs on 29/05/2018 Corres. Water Level :905.875 m

Lowest Observed Discharge = 0.011 cumecs on 05/05/2018 Corres. Water Level :905.205 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	905.075	0.000 *	905.105	0.000 *	904.925	0.000 *	904.705	0.000 *	905.255	0.119 *	905.255	0.044 #
2	905.075	0.000 *	905.105	0.000 *	904.925	0.000 *	904.695	0.000 *	905.275	0.172	905.245	0.035 #
3	905.085	0.000 *	905.105	0.000 *	904.905	0.000 *	904.685	0.000 *	905.285	0.212	905.225	0.021 #
4	905.085	0.000 *	905.100	0.000 *	904.895	0.000 *	904.685	0.000 *	905.275	0.173	905.225	0.021 #
5	905.075	0.000 *	905.100	0.000 *	904.895	0.000 *	904.675	0.000 *	905.275	0.174	905.205	0.011
6	905.075	0.000 *	905.075	0.000 *	904.885	0.000 *	904.675	0.000 *	905.275	0.173	905.205	0.010 *
7	905.075	0.000 *	905.065	0.000 *	904.885	0.000 *	904.665	0.000 *	905.275	0.174	905.205	0.011
8	905.075	0.000 *	905.065	0.000 *	904.875	0.000 *	904.655	0.000 *	905.265	0.136 *	905.195	0.007 *
9	905.065	0.000 *	905.055	0.000 *	904.855	0.000 *	904.645	0.000 *	905.265	0.107	905.225	0.021 #
10	905.055	0.000 *	905.055	0.000 *	904.855	0.000 *	904.645	0.000 *	905.245	0.114	905.225	0.021 #
11	905.055	0.000 *	905.400	0.000 *	904.855	0.000 *	904.645	0.000 *	905.245	0.113	905.370	0.217 #
12	905.055	0.000 *	905.025	0.000 *	904.855	0.000 *	904.640	0.000 *	905.175	0.000 *	905.540	0.814 *
13	905.055	0.000 *	905.025	0.000 *	904.835	0.000 *	904.640	0.000 *	905.165	0.000 *	905.805	2.580 *
14	905.055	0.000 *	905.015	0.000 *	904.825	0.000 *	904.640	0.000 *	905.155	0.000 *	905.560	1.024
15	905.045	0.000 *	905.015	0.000 *	904.825	0.000 *	904.635	0.000 *	905.150	0.000 *	905.515	0.575
16	905.045	0.000 *	905.005	0.000 *	904.805	0.000 *	904.645	0.000 *	905.140	0.000 *	905.420	0.410
17	905.035	0.000 *	904.985	0.000 *	904.805	0.000 *	904.645	0.000 *	905.220	0.000 *	905.375	0.240 #
18	905.035	0.000 *	904.975	0.000 *	904.795	0.000 *	904.655	0.000 *	905.225	0.146	905.375	0.240 #
19	905.035	0.000 *	904.985	0.000 *	904.795	0.000 *	904.655	0.000 *	905.225	0.141	905.375	0.240 #
20	905.025	0.000 *	904.975	0.000 *	904.785	0.000 *	904.645	0.000 *	905.225	0.141	905.615	1.204 *
21	905.055	0.000 *	904.975	0.000 *	904.775	0.000 *	904.645	0.000 *	905.210	0.106	905.485	0.570
22	905.225	0.000 *	904.965	0.000 *	904.755	0.000 *	904.640	0.000 *	905.245	0.145 *	905.485	0.571
23	905.185	0.000 *	904.960	0.000 *	904.755	0.000 *	904.655	0.000 *	905.275	0.179	905.445	0.511
24	905.165	0.000 *	904.960	0.000 *	904.735	0.000 *	904.655	0.000 *	905.325	0.230 #	905.635	1.100
25	905.125	0.000 *	904.955	0.000 *	904.725	0.000 *	905.300	0.207 *	905.445	0.434	905.605	1.058
26	905.115	0.000 *	904.945	0.000 *	904.725	0.000 *	905.295	0.149	905.425	0.384	905.735	2.006 #
27	905.105	0.000 *	904.935	0.000 *	904.715	0.000 *	905.250	0.114	905.415	0.316	905.530	0.769 *
28	905.105	0.000 *	904.925	0.000 *	904.705	0.000 *	905.245	0.111	905.355	0.264	905.755	2.162 #
29	905.105	0.000 *	904.925	0.000 *			905.255	0.119 *	905.325	0.137 *	905.875	3.444
30	905.105	0.000 *	904.925	0.000 *			905.245	0.103 *	905.295	0.090 *	905.685	1.602
31	905.105	0.000 *	904.925	0.000 *			905.255	0.107			905.605	1.060
Ten-Daily Mean												
I Ten-Daily	905.074	0.000	905.083	0.000	904.890	0.000	904.673	0.000	905.269	0.155	905.221	0.020
II Ten-Daily	905.044	0.000	905.041	0.000	904.818	0.000	904.645	0.000	905.193	0.054	905.495	0.754
III Ten-Daily	905.127	0.000	904.945	0.000	904.736	0.000	905.040	0.083	905.332	0.229	905.622	1.350
Monthly												
Min.	905.025	0.000	904.925	0.000	904.705	0.000	904.635	0.000	905.140	0.000	905.195	0.007
Max.	905.225	0.000	905.400	0.000	904.925	0.000	905.300	0.207	905.445	0.434	905.875	3.444
Mean	905.083	0	905.020	0	904.820	0	904.794	0.029	905.264	0.146	905.452	0.729

Peak Computed Discharge = 2.580 cumecs on 13/05/2018 Corres. Water Level :905.805 m

Lowest Computed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :905.275 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

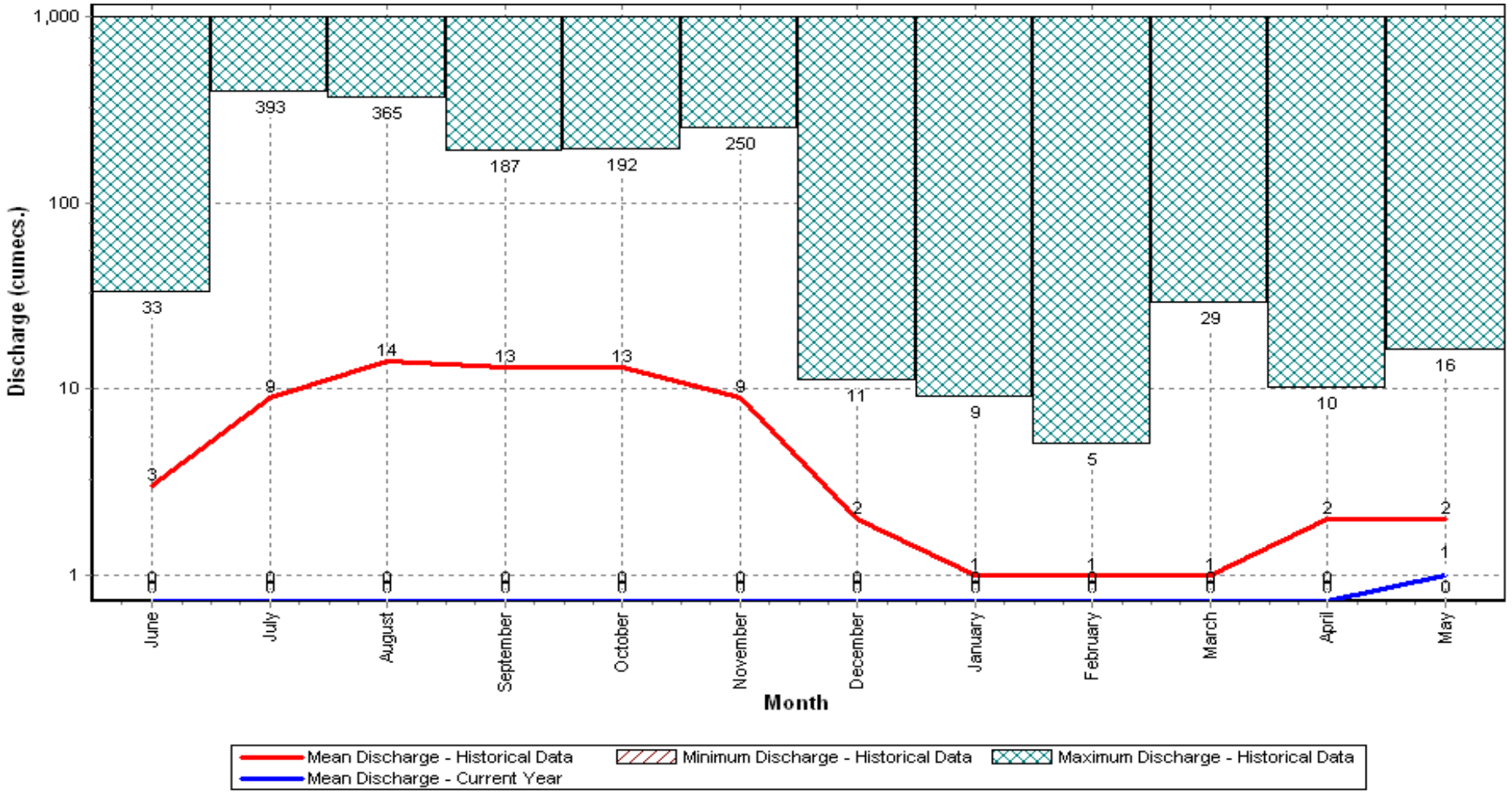
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7) | **Data considered : 2001-2018** | **Division : Cauvery Division, Bangalore**

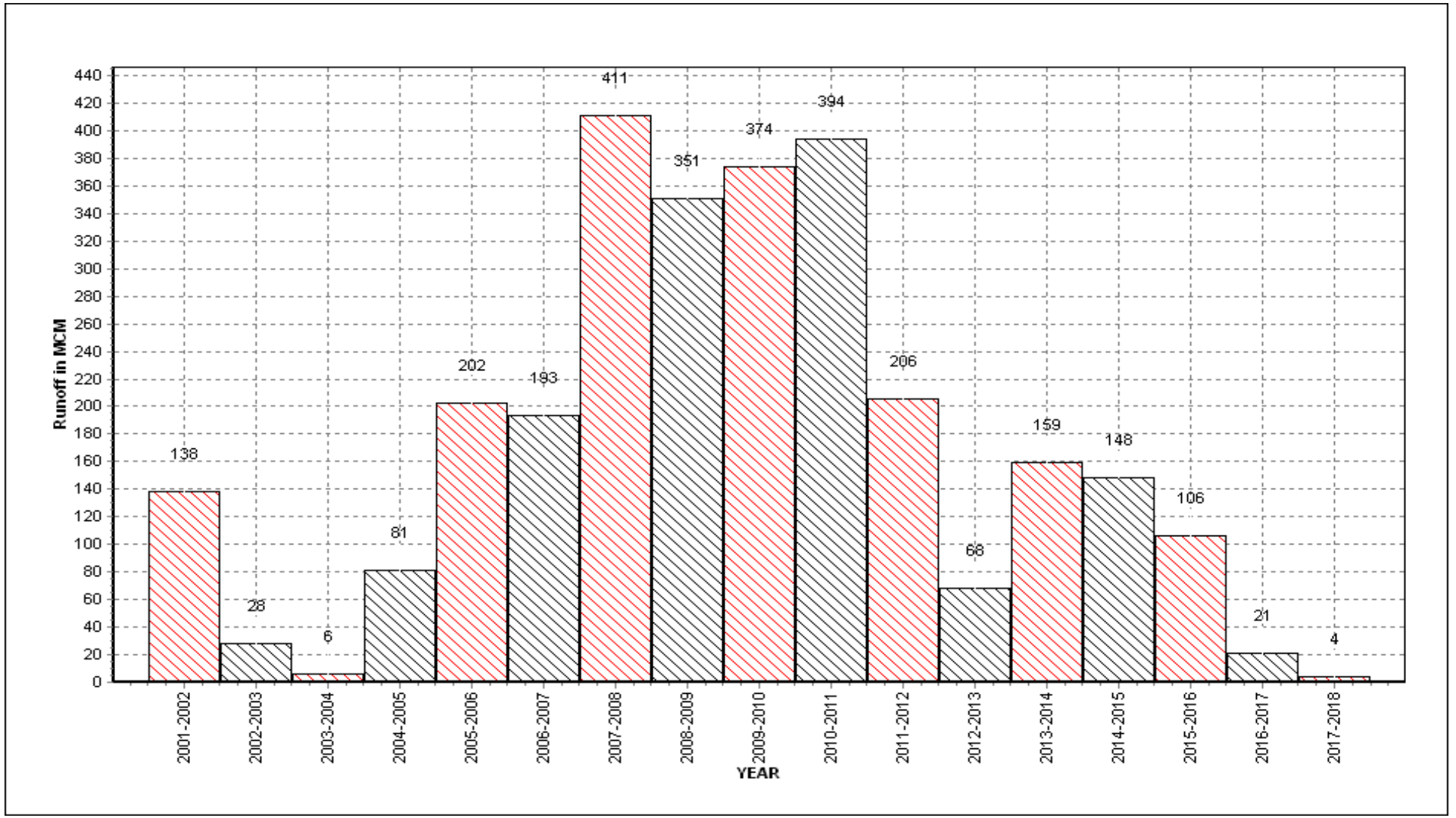
Local River : Yagachi | **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2001 - 2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Note: Missing values have not been considered while arriving at Annual Runoff

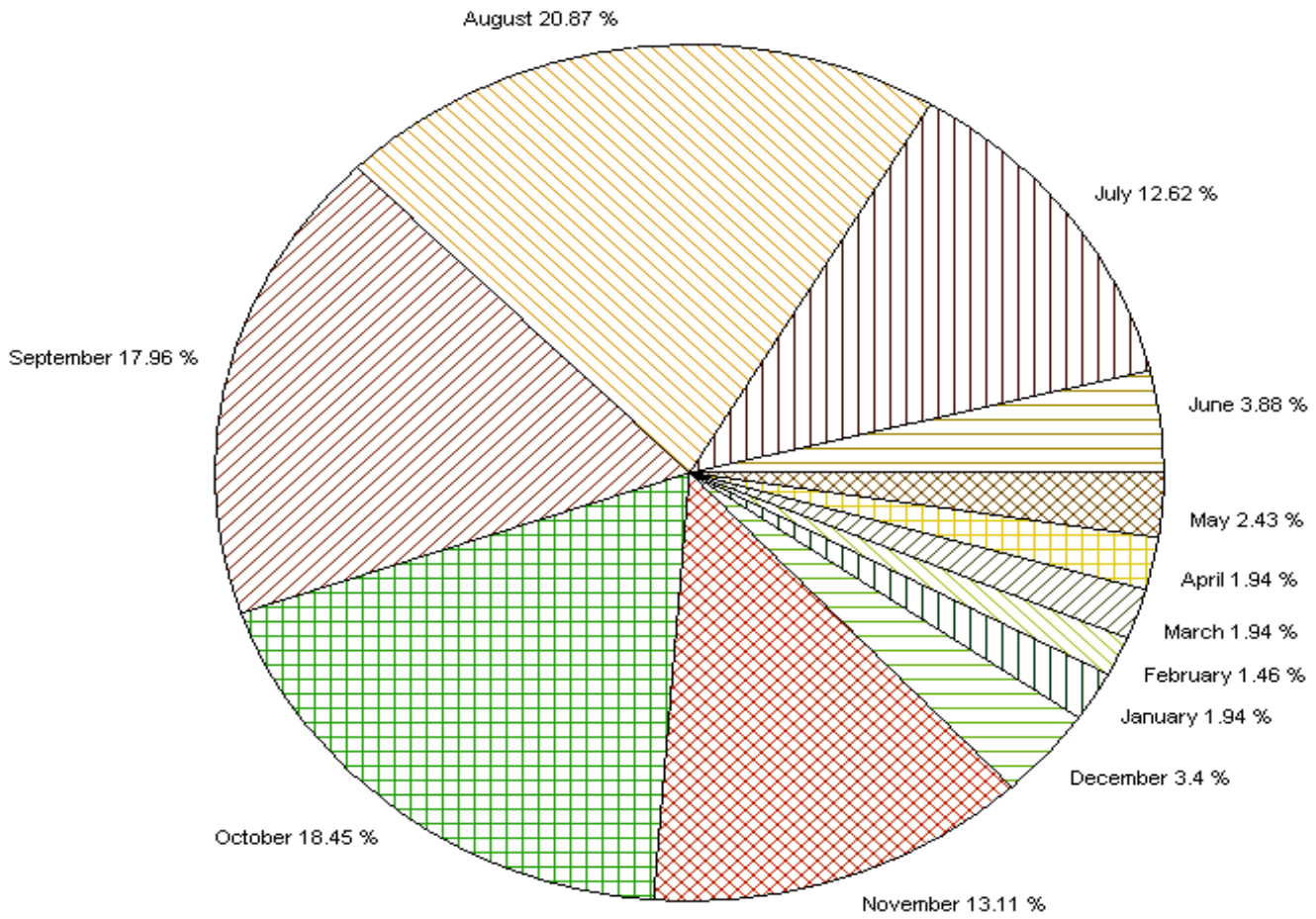
Monthly Average Runoff based on period : 2001-2017

Station Name : Thimmanahalli (CCRI0F7)

Local River : Yagachi

Division : Cauvery Division, Bangalore

Sub-Division : SWRSD-III, Mangalore



June	3.88 %
July	12.62 %
August	20.87 %
September	17.96 %
October	18.45 %
November	13.11 %
December	3.4 %
January	1.94 %
February	1.46 %
March	1.94 %
April	1.94 %
May	2.43 %

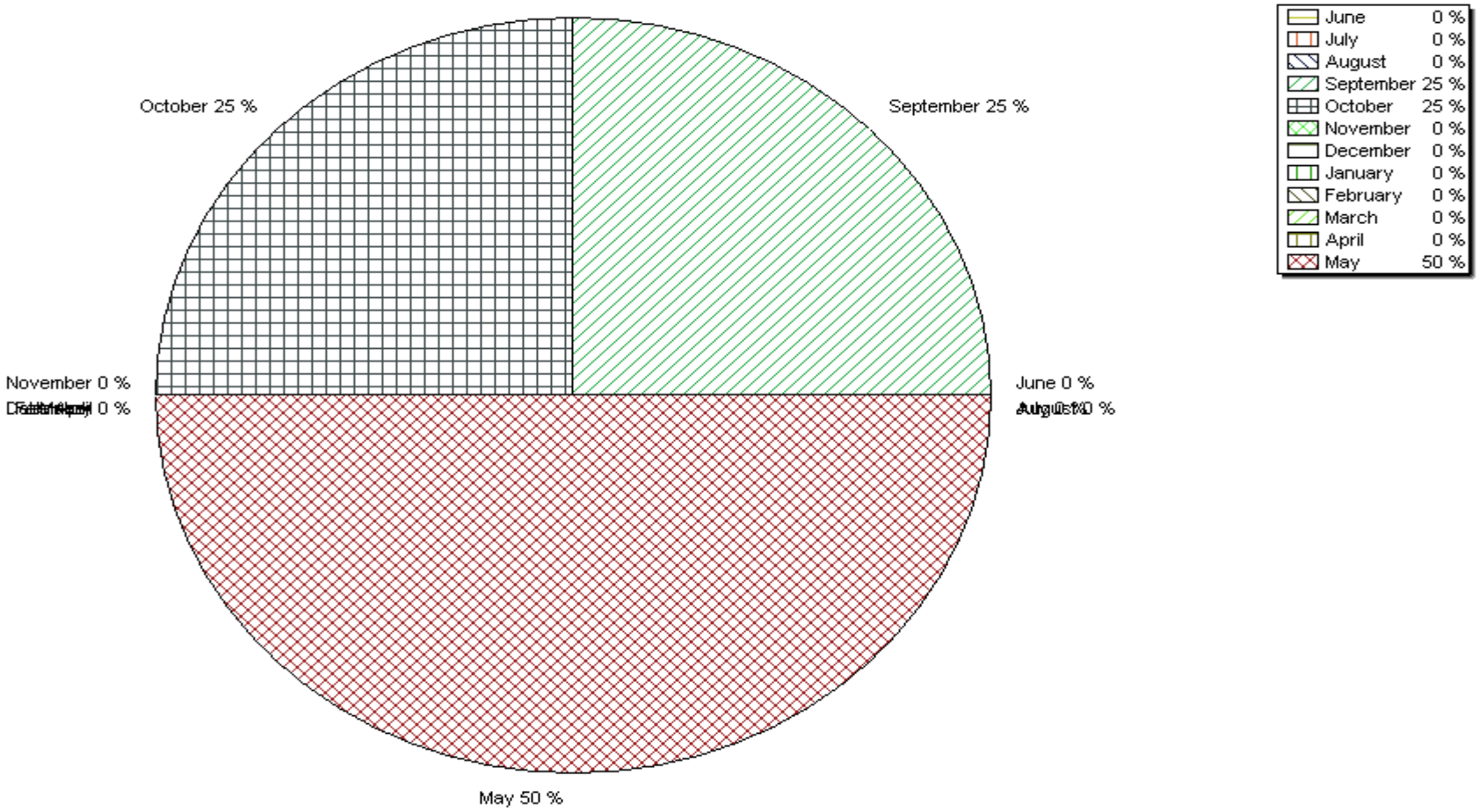
Monthly Runoff for the Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7)

Local River : Yagachi

Division : Cauvery Division, Bangalore

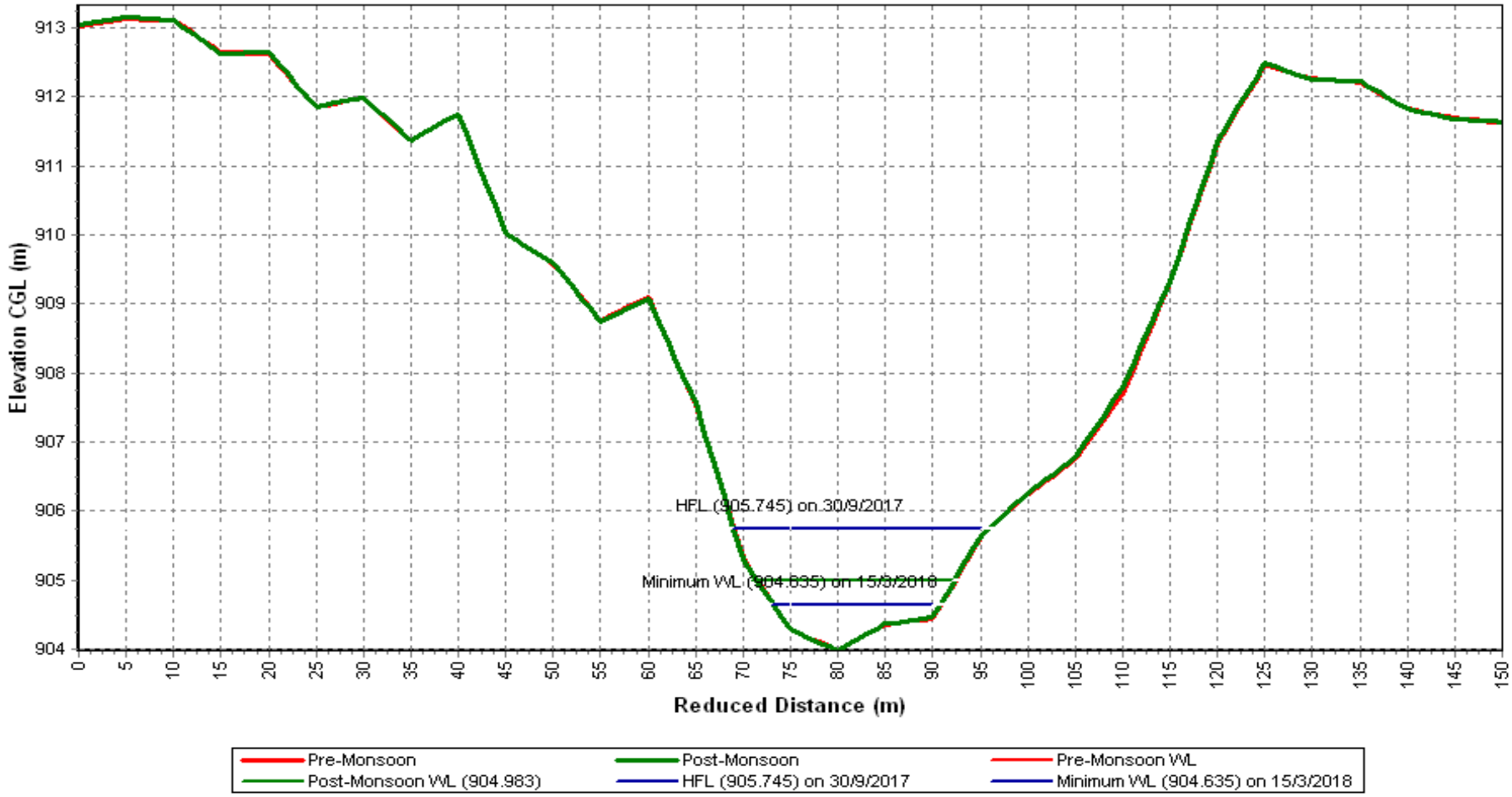
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

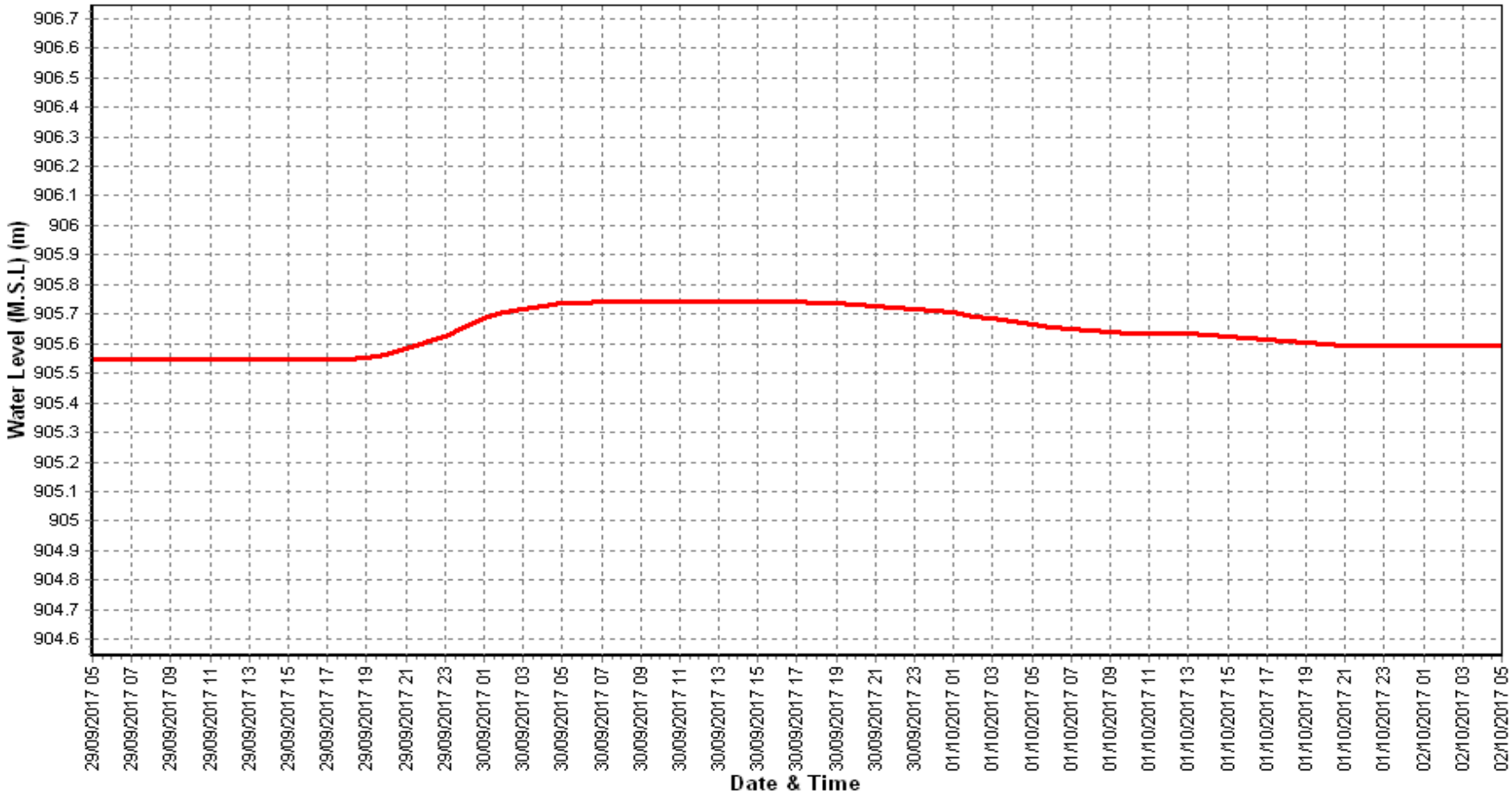
Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

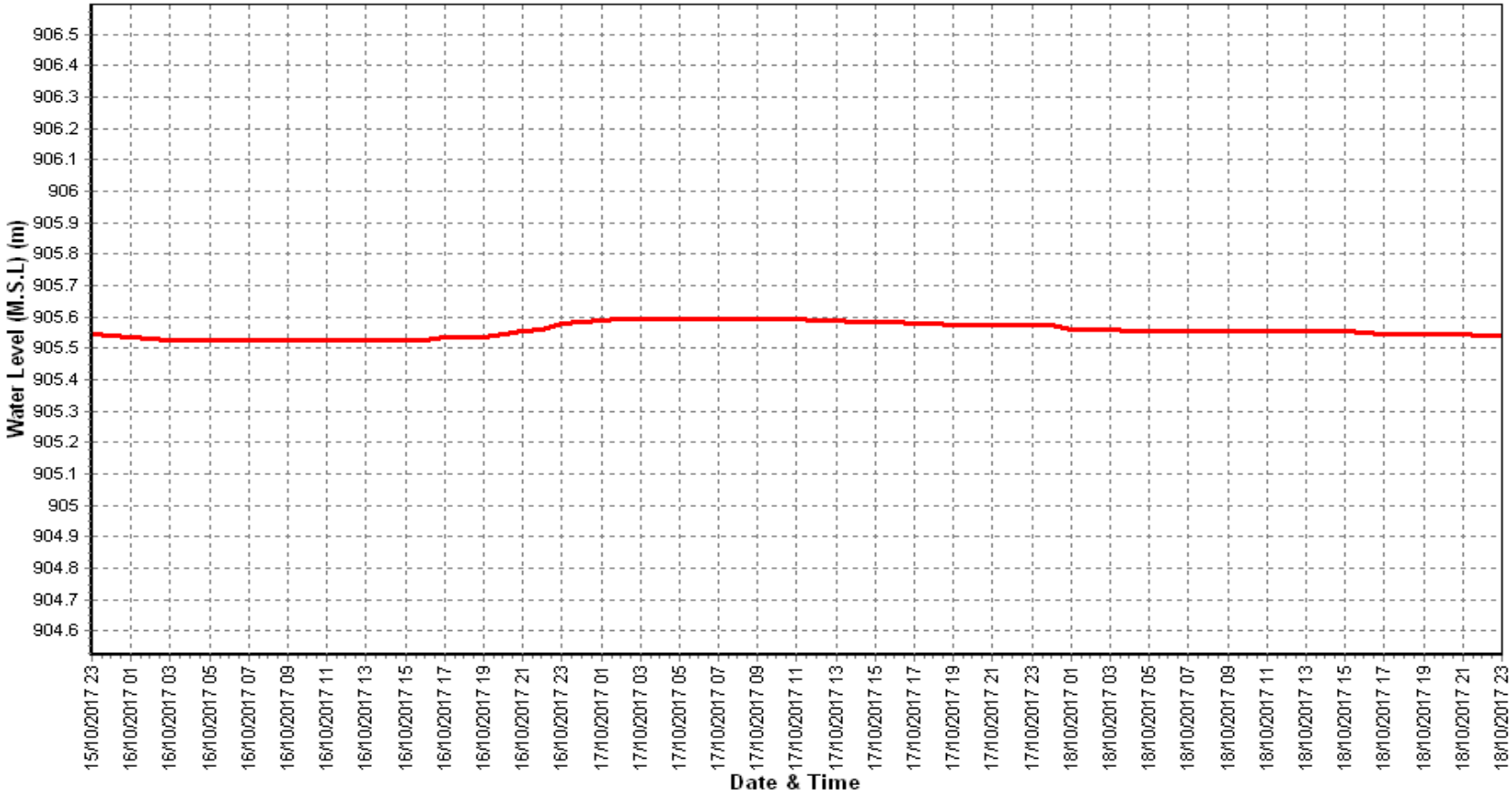


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

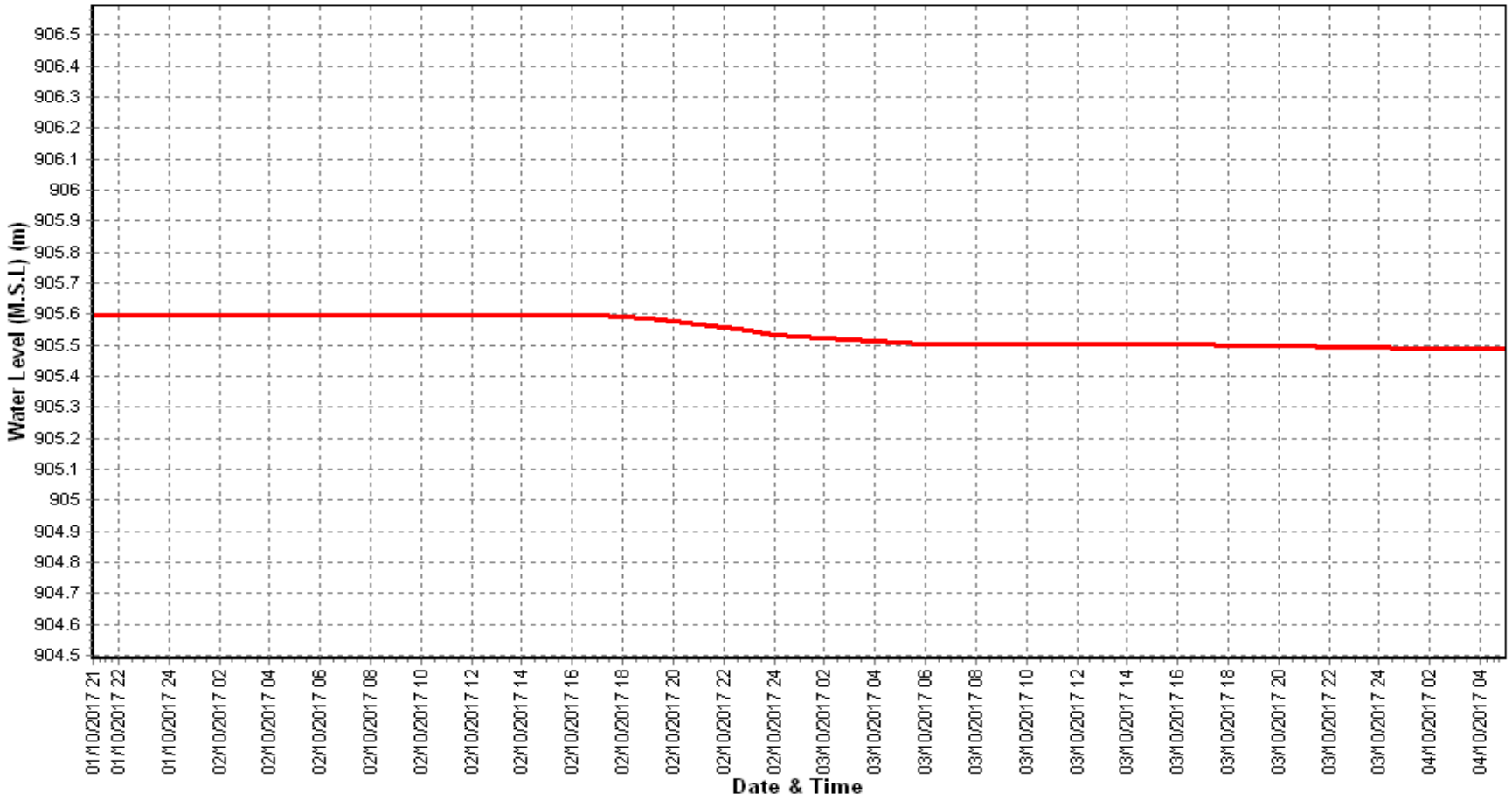


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-2018

Site	:	**Sakleshpur**	**Code**	:	**CCR00U6**
State	:	Karnataka	District		Hassan
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	Hemavathi	Sub Tributary	:	-
Sub-Sub Tributary	:	-	Local River	:	Hemavathi
Division	:	Cauvery Division, Bangalore	Sub-Division	:	SWRSD-III, Mangalore
Drainage Area	:	617 Sq. Km.	Bank	:	Right
Latitude	:	12°56'37"	Longitude	:	75°47'37"
Zero of Gauge (m)	:	882.000 (m.s.l) 882.470 (m.s.l)	02-08-1999 01-06-2009	-	31-05-2009
		Opening Date	Closing Date		
Gauge	:	02-08-1999			
Discharge	:	05-04-2002			
Sediment	:	26-03-2013			
Water Quality	:	02-09-2002			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2002-2003	421.7	891.190	14-08-2002	0.238	887.300	29-05-2003
2003-2004	170.9	889.920	29-07-2003	0.000	Dry Bed	01-05-2004
2004-2005	291.9	891.730	16-06-2004	0.000	887.060	19-03-2005
2005-2006	462.5	892.620	03-08-2005	0.563	887.110	02-05-2006
2006-2007	456.3	892.045	05-07-2006	0.328	886.960	02-04-2007
2007-2008	613.1	892.930	01-07-2007	0.010	888.670	30-11-2007
2008-2009	383.4	892.850	13-08-2008	0.263	889.230	07-08-2008
2009-2010	717.9	892.970	16-07-2009	0.711	887.300	24-02-2010
2010-2011	339.6	891.250	31-08-2010	1.504	887.240	24-03-2011
2011-2012	363.7	891.230	19-07-2011	0.391	887.060	27-03-2012
2012-2013	453.5	891.790	06-08-2012	0.095	886.910	22-04-2013
2013-2014	1913	892.050	04-08-2013	0.457	887.130	06-04-2014
2014-2015	487.7	891.820	31-07-2014	0.974	887.130	31-03-2015
2015-2016	360.2	891.470	22-06-2015	0.103	886.800	14-03-2016
2016-2017	246.1	889.860	29-06-2016	0.085	886.920	15-03-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	887.060	1.361	888.480	87.19	887.820	41.38	888.380	84.41	887.830	36.22 *	887.460	18.09
2	887.060	1.360	888.040	50.97 *	887.790	40.68	888.130	58.12 *	888.100	54.09 *	887.450	16.90
3	887.070	1.521	887.980	50.42	887.750	35.14	888.100	55.68 *	887.940	43.56	887.440	15.44
4	887.080	1.709 *	888.000	53.15	888.000	48.18	888.020	47.33	887.840	38.83	887.430	15.38 *
5	887.090	1.859	887.845	38.73	887.980	47.41	887.940	43.09	887.770	37.38	887.425	15.17 *
6	887.105	2.286	887.900	44.76	887.910	41.53 *	887.900	40.10	887.810	41.50	887.420	15.47
7	887.180	3.525	887.940	46.00	887.845	38.55	887.870	40.18	887.955	50.53	887.530	22.96
8	887.150	2.622	887.740	29.02	887.780	36.11	888.060	56.85	887.760	31.90 *	887.480	19.12
9	887.150	2.539	887.680	24.11 *	887.710	31.51	887.850	41.13	887.725	35.60	887.440	15.11
10	887.175	3.203	887.610	21.24	887.750	28.86	887.840	36.87 *	887.700	32.63	887.430	15.44
11	887.290	5.840 *	887.650	27.18	887.690	28.64	887.920	46.16	887.670	28.75	887.420	14.64
12	887.980	45.53	887.730	30.08	888.010	54.54	887.800	34.69	887.740	36.49	887.410	14.58 *
13	888.010	40.91	887.630	24.80	887.200	34.33 *	887.750	34.86	887.680	28.63	887.410	15.31
14	887.810	30.18	887.630	23.74	887.700	30.07	887.720	30.24	887.670	26.81	887.400	14.30
15	887.605	20.01	887.610	22.73	887.670	26.76 *	887.840	41.80	888.250	68.43 *	887.390	12.84
16	887.685	23.40	887.710	28.98 *	887.630	25.87	887.750	33.26	887.860	44.48	887.390	13.63
17	887.780	25.54	887.820	33.77	887.630	25.41	888.130	58.12 *	887.730	34.96	887.380	11.28
18	887.660	21.49 *	887.895	41.96	888.350	80.92	888.070	59.26	887.680	27.31 *	887.380	10.67
19	887.600	18.77	889.330	186.5	888.110	56.40	889.170	164.7	887.650	26.84	887.375	13.23 *
20	887.530	17.11	890.370	293.9	888.280	71.15 *	888.310	77.86	887.640	25.75	887.375	10.38
21	887.480	14.73	889.210	162.7	888.490	85.19	888.055	59.40	887.610	20.31	887.375	10.12
22	887.510	14.76	889.120	147.4	889.150	156.3	887.990	52.56	887.580	22.10 *	887.220	5.718
23	887.470	11.74	888.420	104.8 *	888.490	82.90	887.870	41.52	887.550	22.65	887.365	9.802
24	887.480	11.99	888.420	80.53	888.670	98.74	887.810	34.96 *	887.550	23.14	887.360	9.410
25	887.700	28.42 *	888.270	66.40	888.140	58.95 *	887.800	34.25	887.530	22.47	887.350	9.316
26	887.990	47.22 *	888.110	58.12	888.130	58.68	887.855	41.26	887.695	33.69	887.350	12.31 *
27	888.650	100.6	888.050	55.82	888.500	92.80 *	888.070	61.39	887.600	26.35	887.345	9.368
28	888.770	108.8	888.010	51.13	888.490	85.03	888.480	90.96	887.550	22.90	887.340	9.432
29	888.460	87.70	888.000	49.64	888.790	112.4	888.270	70.24 *	887.520	19.26 *	887.335	9.401
30	888.445	87.61 #	887.970	45.76 *	889.670	204.9	887.930	46.53	887.510	19.82	887.330	8.718
31			887.950	45.31	888.720	104.4			887.470	18.99		
Ten-Daily Mean												
I Ten-Daily	887.112	2.199	887.922	44.56	887.833	38.94	888.009	50.38	887.843	40.22	887.451	16.91
II Ten-Daily	887.695	24.88	888.138	71.37	887.827	43.41	888.046	58.09	887.757	34.84	887.393	13.09
III Ten-Daily	887.995	51.35	888.321	78.87	888.658	103.7	888.013	53.31	887.560	22.88	887.337	9.359
Monthly												
Min.	887.060	1.360	887.610	21.24	887.200	25.41	887.720	30.24	887.470	18.99	887.220	5.718
Max.	888.770	108.8	890.370	293.9	889.670	204.9	889.170	164.7	888.250	68.43	887.530	22.96
Mean	887.601	26.14	888.133	65.38	888.124	63.35	888.023	53.93	887.715	32.33	887.393	13.12

Annual Runoff in MCM = 719 Annual Runoff in mm = 1165

Peak Observed Discharge = 293.9 cumecs on 20/07/2017 Corres. Water Level :890.37 m

Lowest Observed Discharge = 0.087 cumecs on 10/03/2018 Corres. Water Level :886.83 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	887.325	8.735	887.185	4.943	887.080	2.266	886.900	0.420	886.920	0.564 *	886.940	0.834
2	887.325	8.608 *	887.180	4.801	887.080	2.216	886.890	0.402	886.930	0.797	886.930	0.822
3	887.325	8.282 *	887.180	4.598	887.080	2.196	886.875	0.310	886.930	0.790	886.920	0.564 #
4	887.315	8.316	887.180	4.843	886.570	2.355 *	886.860	0.205 *	886.925	0.737	886.960	0.989
5	887.310	8.251	887.175	4.797	887.070	2.182	886.850	0.163 *	886.950	0.949	886.940	0.887
6	887.310	8.501	887.175	4.687	887.070	2.100	886.840	0.100	886.945	0.909	886.945	0.772 *
7	887.310	8.457	887.175	4.306 *	887.055	1.726	886.835	0.092	886.935	0.861	886.940	0.862
8	887.310	8.433	887.165	4.383	887.050	1.694	886.835	0.089	886.930	0.643 *	886.925	0.724
9	887.300	8.261	887.165	4.352	887.050	1.710	886.830	0.087	886.925	0.730	886.990	1.352
10	887.290	7.497 *	887.160	4.248	887.055	1.746	886.830	0.087	886.920	0.695	887.050	1.965
11	887.280	6.808	887.160	4.276	887.055	2.115 *	886.820	0.000 *	886.895	0.332	887.150	3.787
12	887.280	6.717	887.160	4.219	887.050	1.704	886.800	0.000 *	886.890	0.317	887.130	3.451 *
13	887.280	6.685	887.155	4.149	887.045	1.649	886.800	0.000 *	886.970	1.039	887.150	3.866 *
14	887.275	6.580	887.160	3.974 *	887.020	1.611 #	886.800	0.000 *	886.930	0.748	887.110	3.052
15	887.275	6.588	887.150	3.866 *	887.010	1.480 #	886.800	0.000 *	886.930	0.643 *	887.090	2.802
16	887.270	6.290	887.140	3.648	887.005	1.088	886.820	0.000 *	886.930	0.747	887.150	3.827
17	887.260	6.611 *	887.140	3.626	887.000	1.017	886.800	0.000 *	886.960	0.959	887.200	5.002
18	887.255	6.162	887.135	3.661	886.990	1.236 *	886.795	0.000 *	886.955	0.835	887.110	3.101
19	887.250	5.985	887.130	3.573	886.980	0.827	886.795	0.000 *	886.950	0.813	887.090	2.855
20	887.240	5.903	887.125	3.512	886.985	1.068 #	886.990	0.873	886.955	0.846	887.110	3.060 *
21	887.240	5.763	887.120	3.252 *	886.970	0.803	887.070	2.335	886.955	0.834	887.080	2.701
22	887.220	5.717	887.120	3.298	886.955	0.691	887.030	1.972	886.965	0.964 *	887.100	2.895
23	887.215	5.690	887.115	3.238	886.950	0.662	887.000	1.492	886.980	1.045	887.060	2.076
24	887.210	5.266 *	887.110	3.141	886.940	0.651	886.990	1.445	886.975	1.013	887.070	2.426
25	887.205	5.141 *	887.110	3.094	886.940	0.728 *	886.980	1.123 *	887.000	1.501	887.190	4.776
26	887.200	5.579	887.110	3.060 *	886.930	0.562	886.960	1.017	886.990	1.417	887.240	6.154
27	887.200	5.471	887.105	3.082	886.920	0.554	886.955	0.981	886.975	1.087	887.280	7.196 *
28	887.195	5.250	887.105	2.966 *	886.910	0.535	886.945	0.790	886.960	0.964	887.560	17.30
29	887.190	5.221	887.100	2.719			886.930	0.603 *	886.955	0.866 *	887.570	17.54
30	887.190	5.057	887.100	2.709			886.930	0.564 *	886.940	0.728 *	887.440	13.53
31	887.185	4.654 *	887.085	2.314			886.930	0.777			887.320	8.172
Ten-Daily Mean												
I Ten-Daily	887.312	8.334	887.174	4.596	887.016	2.019	886.854	0.195	886.931	0.768	886.954	0.977
II Ten-Daily	887.266	6.433	887.146	3.850	887.014	1.380	886.822	0.087	886.937	0.728	887.129	3.480
III Ten-Daily	887.205	5.346	887.107	2.988	886.939	0.648	886.975	1.191	886.970	1.042	887.265	7.706
Monthly												
Min.	887.185	4.654	887.085	2.314	886.570	0.535	886.795	0.000	886.890	0.317	886.920	0.564
Max.	887.325	8.735	887.185	4.943	887.080	2.355	887.070	2.335	887.000	1.501	887.570	17.54
Mean	887.259	6.661	887.141	3.785	886.993	1.399	886.887	0.514	886.946	0.846	887.121	4.172

Peak Computed Discharge = 104.8 cumecs on 23/07/2017 Corres. Water Level :888.42 m

Lowest Computed Discharge = 0.000 cumecs on 11/03/2018 Corres. Water Level :886.82 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

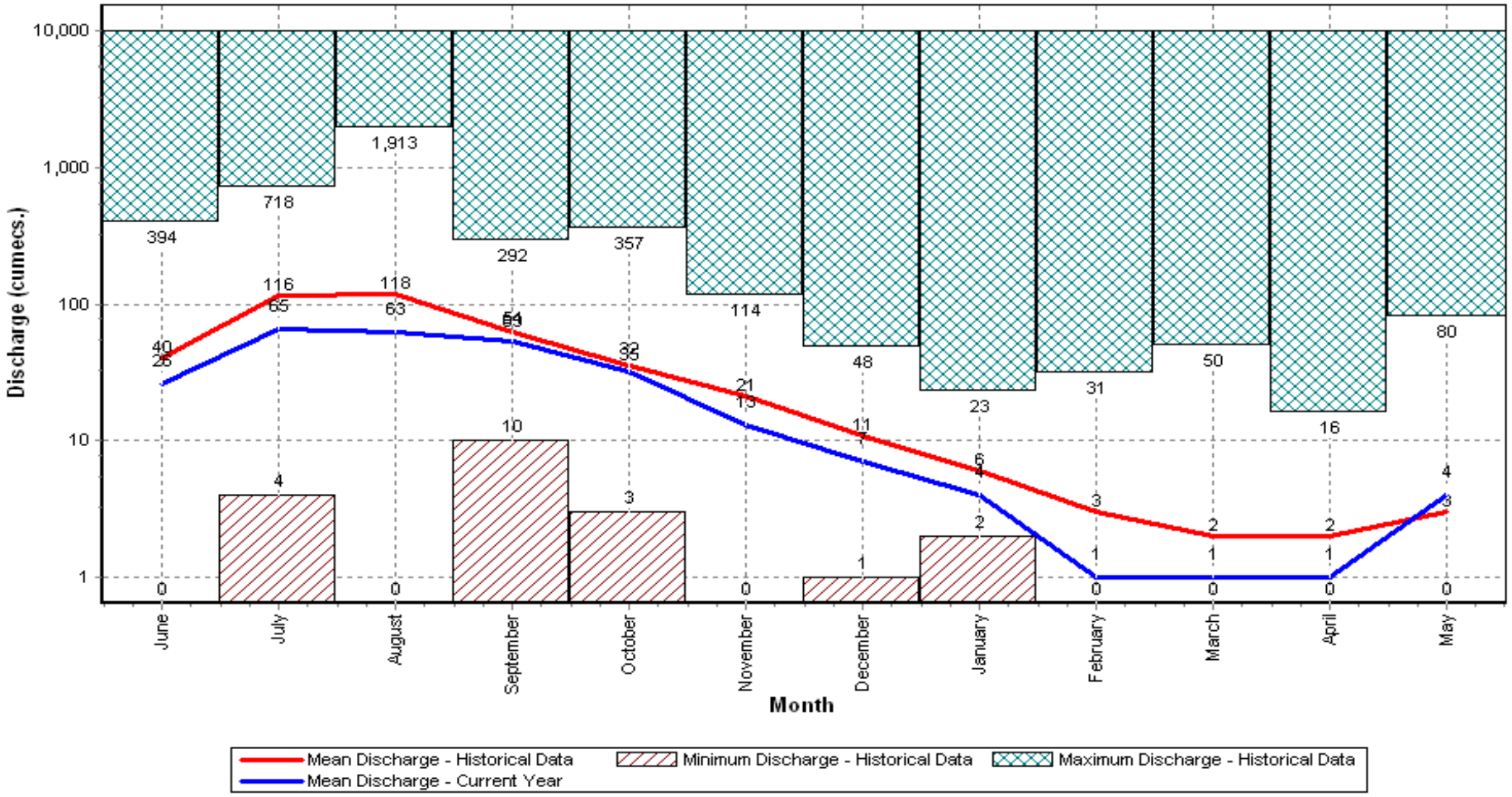
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Sakleshpur (CCR00U6) | **Data considered : 2002-2018** | **Division : Cauvery Division, Bangalore**

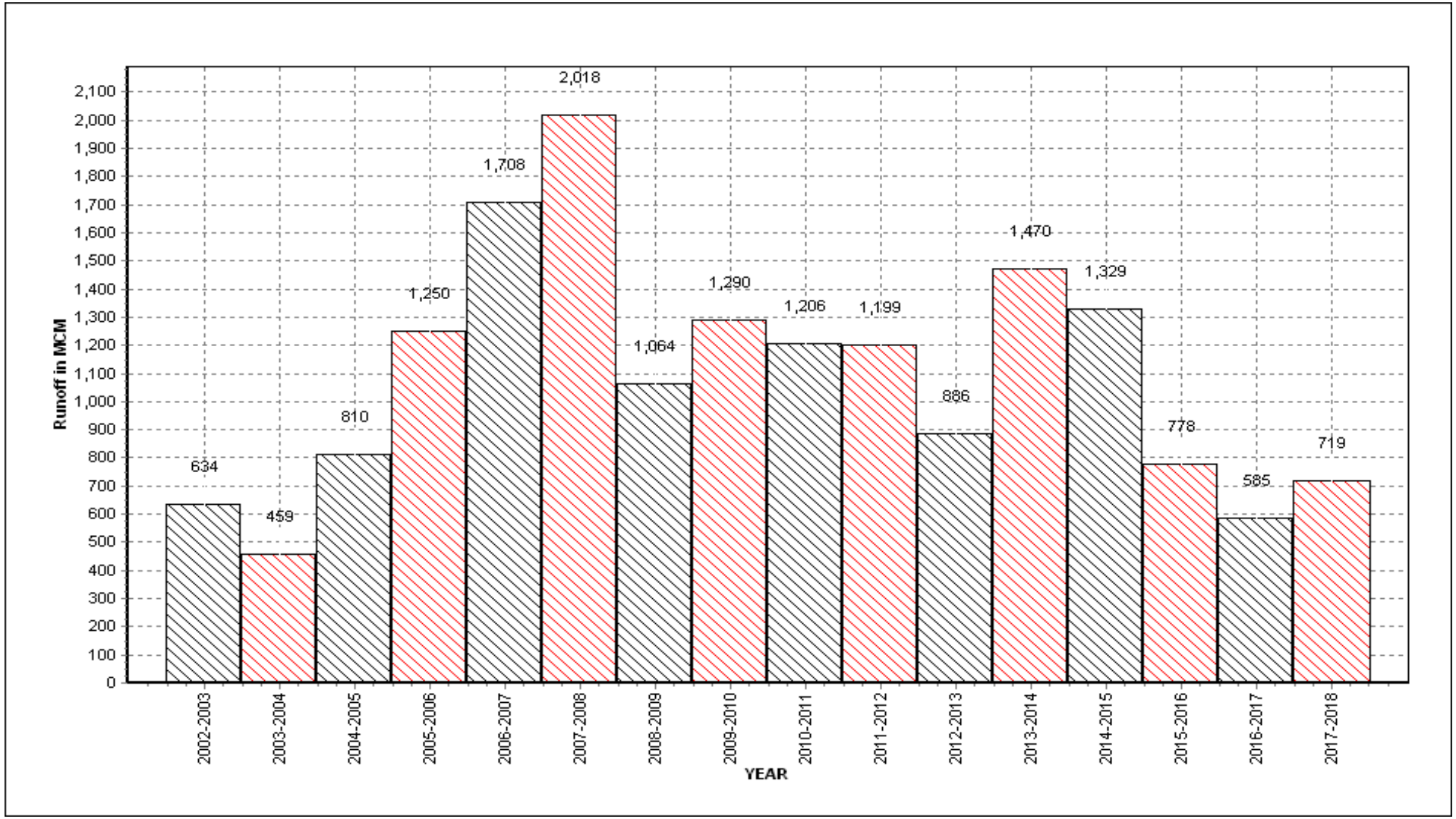
Local River : Hemavathi | **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2002 - 2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

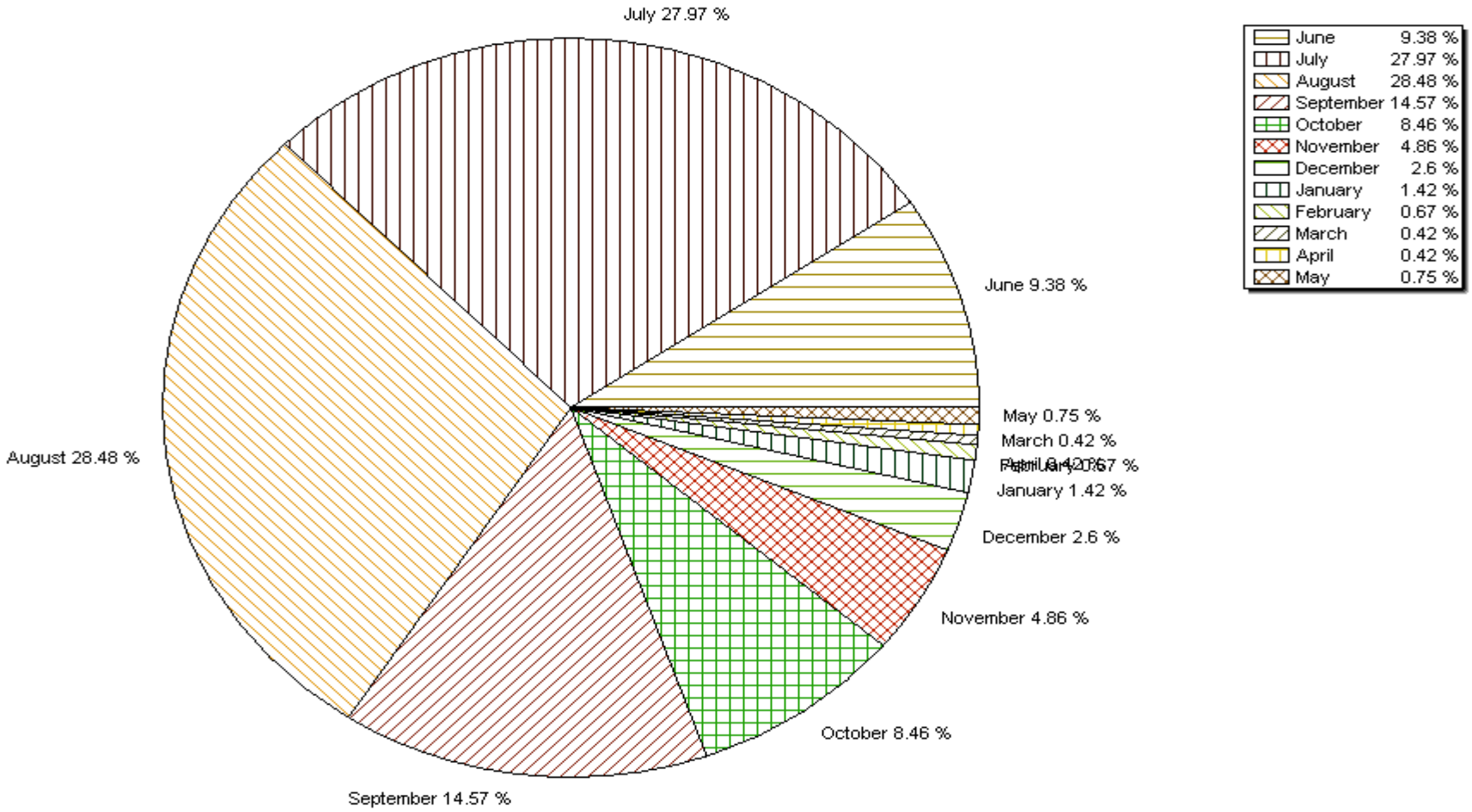


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2002-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



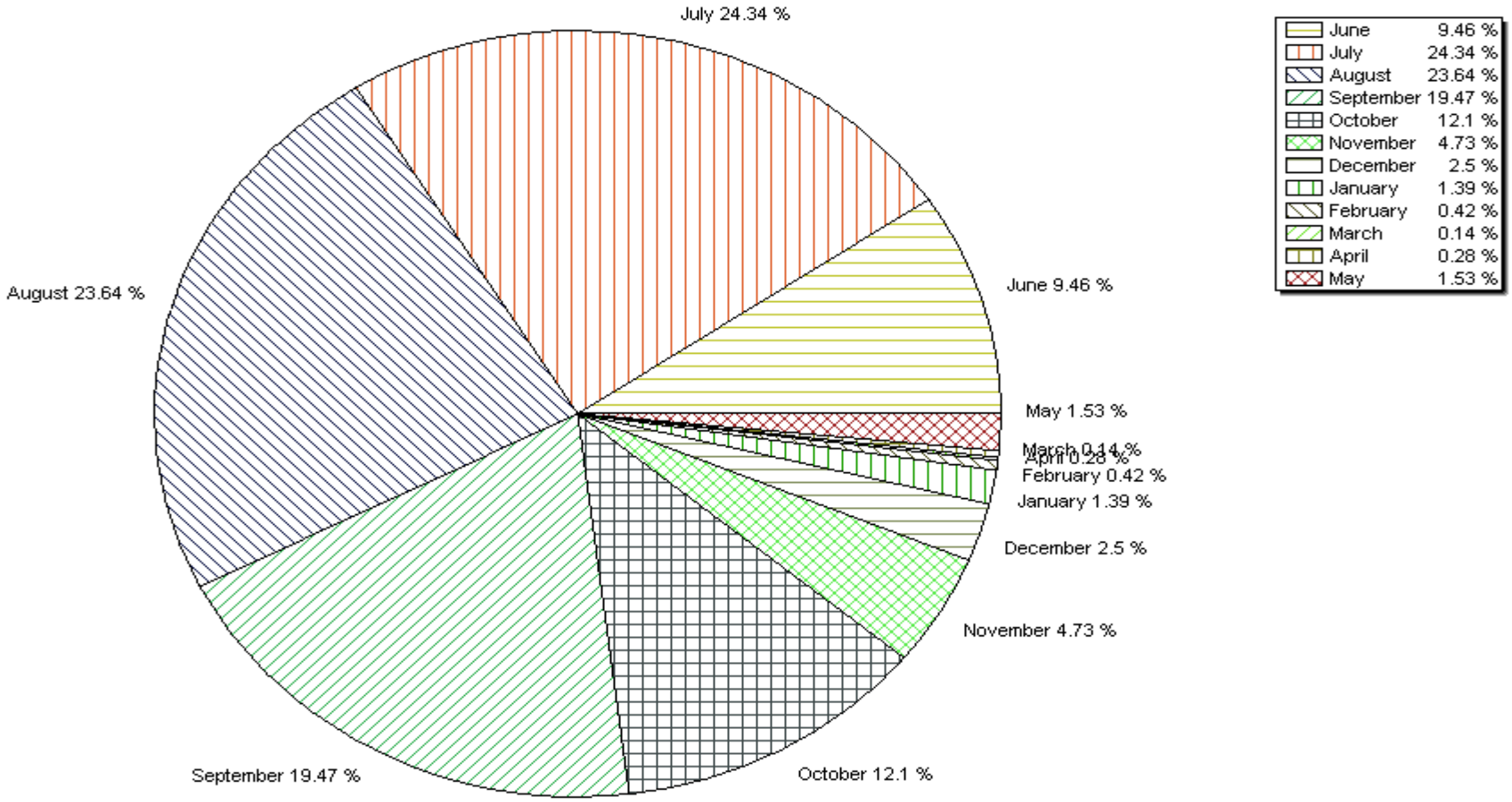
Monthly Runoff for the Year : 2017-2018

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

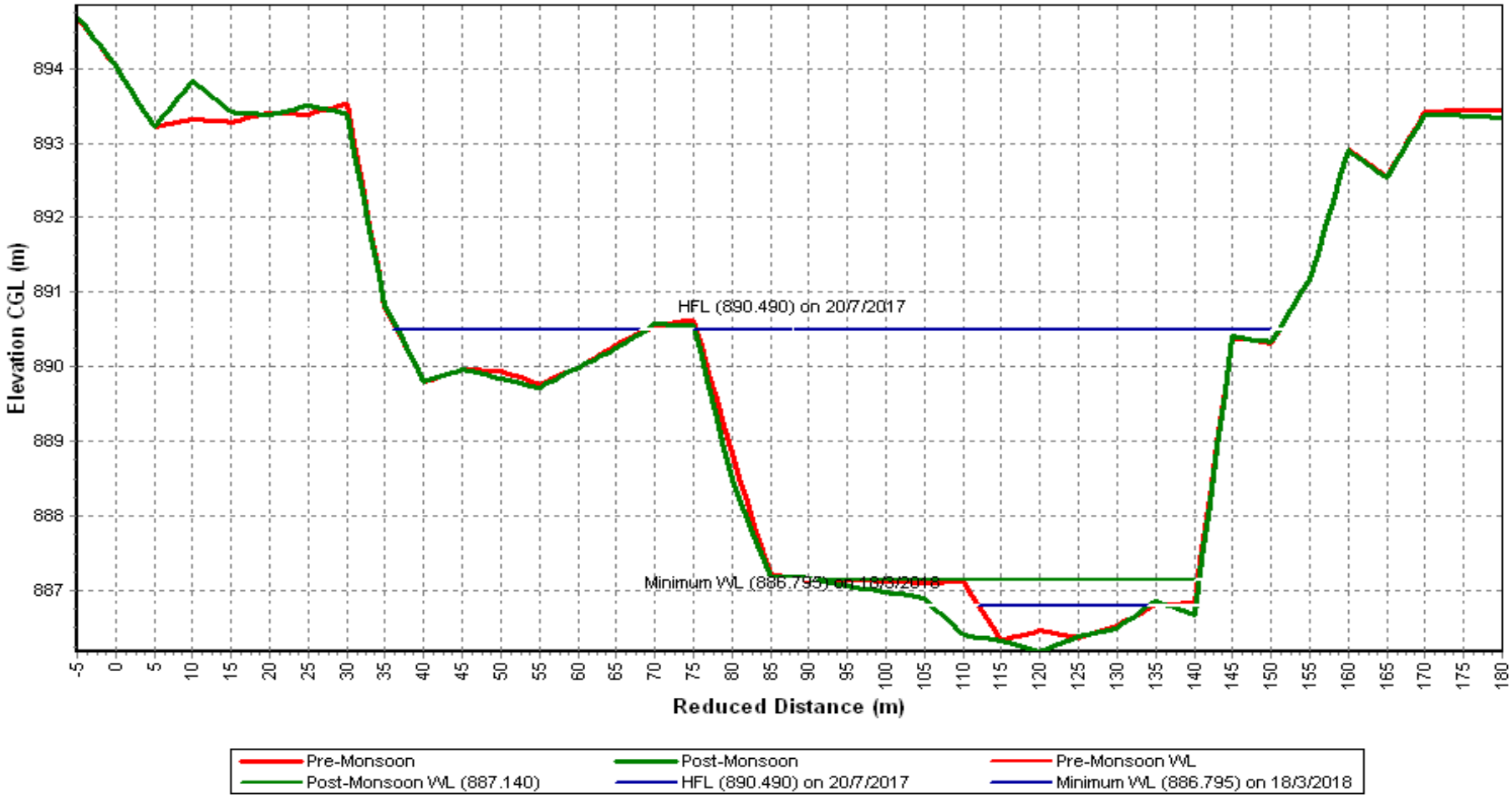
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

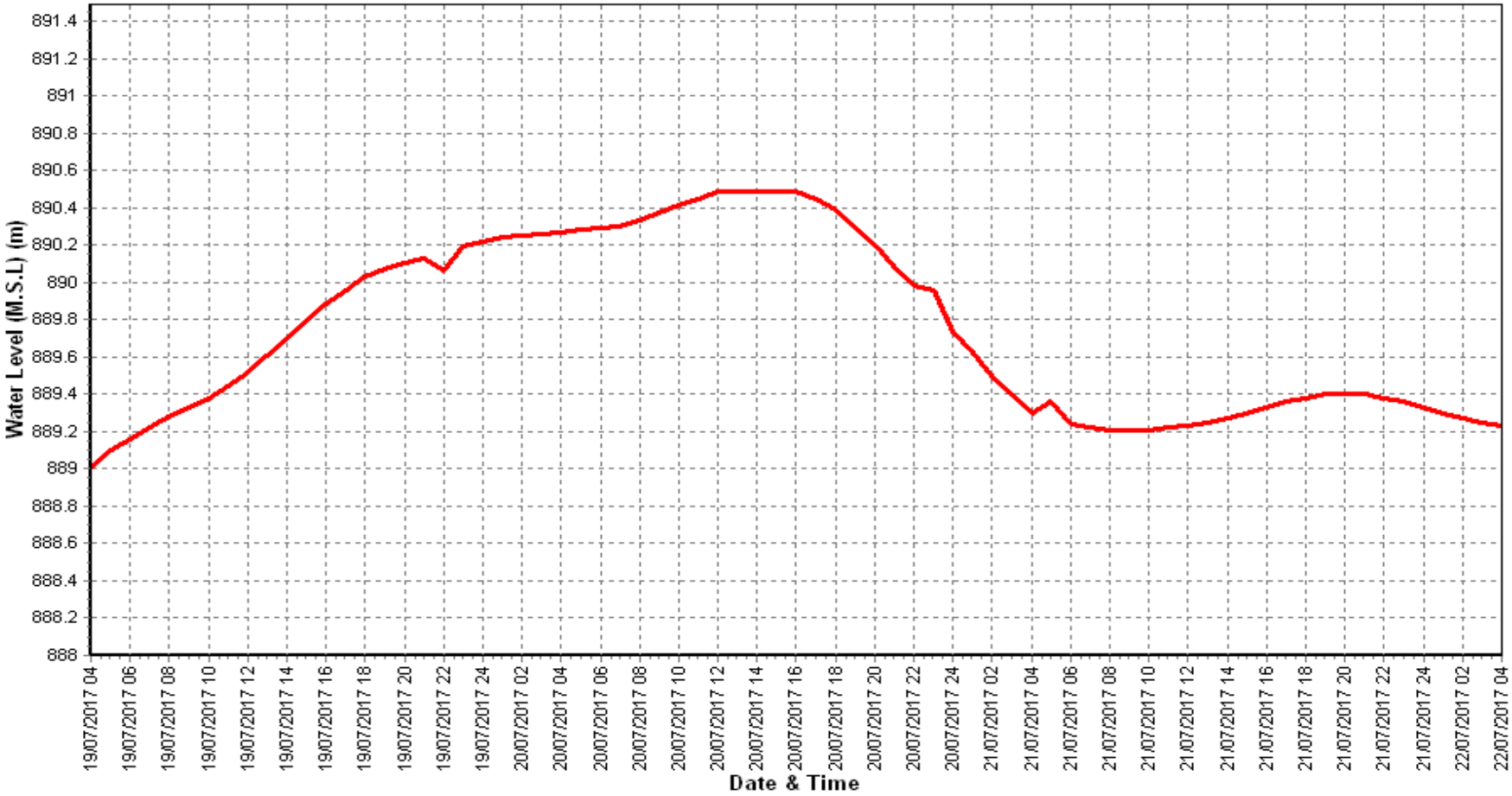
Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

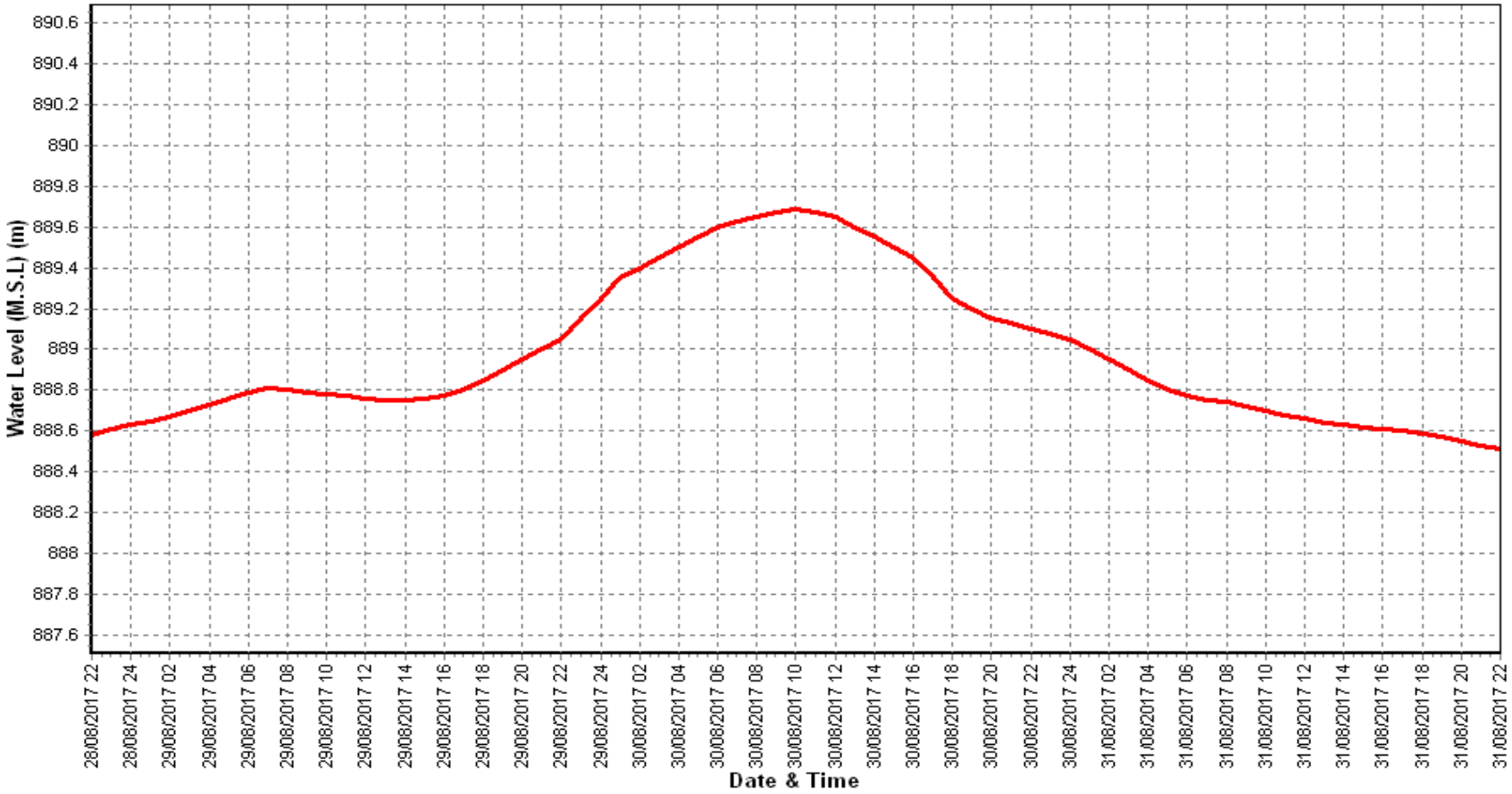


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

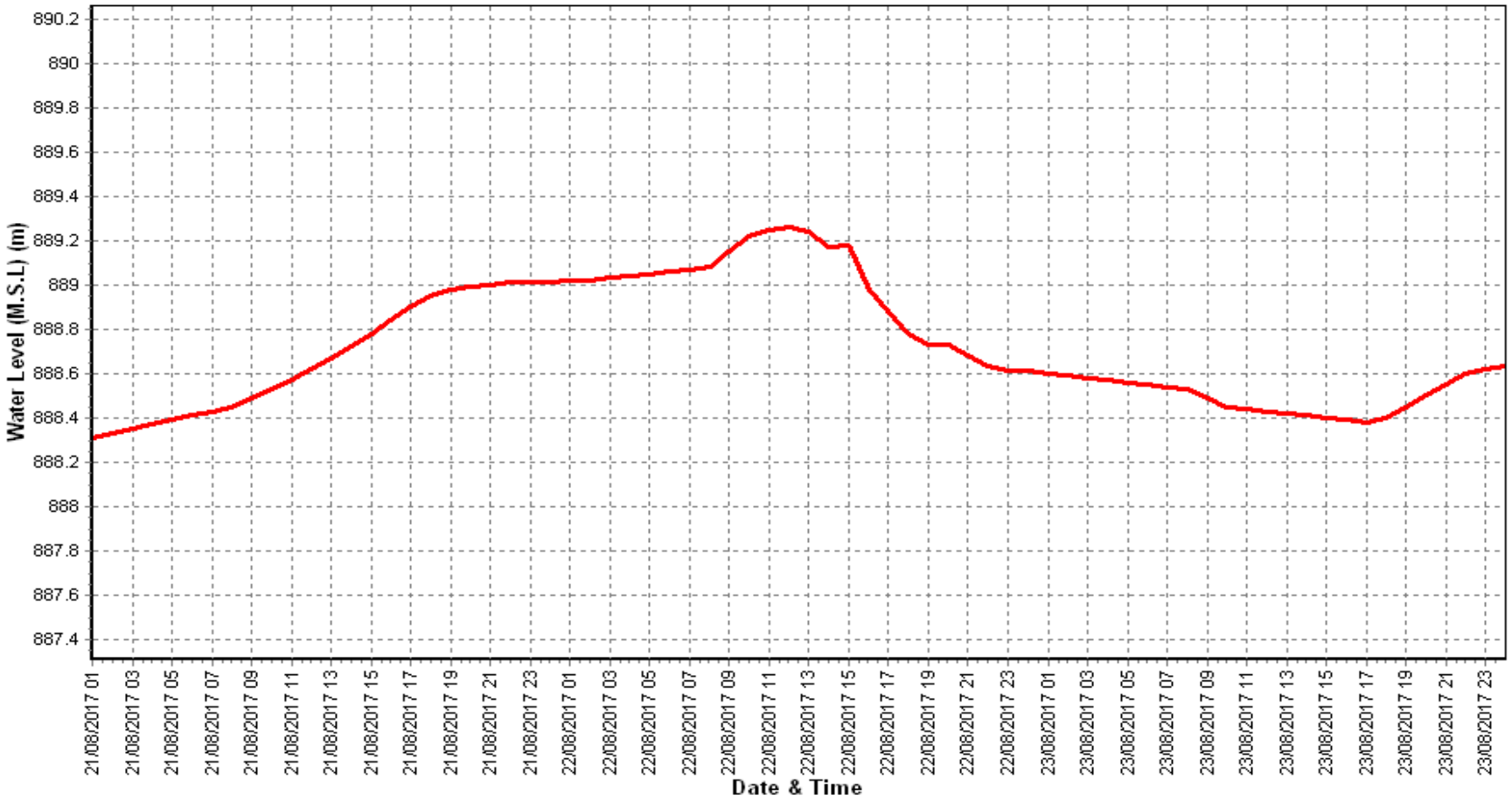


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**: Chunchunkatte**		**Code**	**: CC000V7**	
State	: Karnataka		District		Mysore
Basin	: Cauvery		Independent River	:	Cauvery
Tributary	: -		Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	: Cauvery Division, Bangalore		Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	: 2995 Sq. Km.		Bank	:	Right
Latitude	: 12°30'34"		Longitude	:	76°18'04"
Zero of Gauge (m)	: 748.000 (m.s.l)		21-07-1998		
	Opening Date		Closing Date		
Gauge	: 21-07-1998				
Discharge	: 19-07-2008		Discharges Estimated from 01/06/2008 to 18/07/2008		
Sediment	:				
Water Quality	: 03-10-2008				

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
2008-2009	1456	756.440	14-08-2008	0.000	751.800	06-01-2009
2009-2010	941.4	757.180	19-07-2009	0.000	751.740	01-06-2009
2010-2011	497.9	755.840	30-07-2010	0.000	751.840	01-06-2010
2011-2012	629.7	755.870	04-09-2011	0.000	751.900	21-01-2012
2012-2013	1086	755.980	08-08-2012	0.000	751.860	01-06-2012
2013-2014	812.1	756.940	22-07-2013	0.000	752.000	01-06-2013
2014-2015	707.1	756.250	02-08-2014	0.000	751.760	01-06-2014
2015-2016	483.2	756.000	28-06-2015	0.000	752.140	01-06-2015
2016-2017	352.7	755.280	30-06-2016	0.000	752.080	16-05-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	752.180	0.000	753.510	119.3	753.030	61.67 #	754.220	198.4	753.200	79.84 *	752.590	10.54
2	752.140	0.000	753.490	141.7 *	753.050	63.78 #	753.870	155.0 *	752.860	44.02 *	752.570	10.16
3	752.100	0.000	753.390	155.8	753.100	69.09	753.740	152.0	753.360	118.3	752.550	8.920
4	752.090	0.000	753.380	136.0	752.990	57.46 #	753.350	113.6	753.100	84.67	752.520	11.19 *
5	752.060	0.000	753.650	167.4	753.620	146.5	753.390	121.3	753.130	84.27	752.580	16.63 *
6	752.080	0.000	753.410	147.9	754.430	221.0 *	753.740	152.2	753.180	89.04	752.620	11.41
7	752.050	0.000	753.220	105.9	753.920	174.9	753.640	149.0	753.150	82.01	752.640	12.05
8	751.920	0.000	753.170	96.46	753.730	151.8	753.490	148.6	753.180	77.67 *	752.660	24.18 #
9	751.880	0.000	753.100	74.61 *	753.610	144.7	753.570	155.8	752.980	58.28	752.690	27.08 #
10	751.740	0.000	753.050	77.48	753.360	118.5	753.930	162.0 *	752.870	40.55	752.630	12.14
11	751.720	0.000	752.550	19.35 #	753.270	103.2	753.530	151.1	753.270	107.1	752.640	13.96
12	752.090	0.000	752.450	11.91	753.220	98.79	753.360	118.5	753.000	53.96	752.700	28.05 *
13	751.880	0.000	752.310	0.000	753.460	108.4 *	753.090	84.23	752.920	36.10	752.830	24.31
14	752.830	42.93	752.360	0.000	753.260	107.5	752.490	8.553 #	753.100	63.33	752.680	18.78
15	752.890	56.93	752.490	16.30	752.950	53.29 *	752.710	29.03 #	753.150	74.44 *	752.710	21.71
16	752.620	26.66	752.320	7.838 *	753.130	72.30 #	752.760	33.95 #	753.050	54.86	752.690	16.68
17	752.810	48.61	752.620	22.39	752.590	17.56 #	752.870	45.04 *	753.040	50.88	752.750	24.71
18	752.830	42.19 *	752.780	35.38	752.590	17.56 #	753.850	167.8	752.870	45.04 *	752.560	14.79 #
19	752.790	37.73	752.790	38.51	752.750	32.96 #	754.400	207.6	752.590	11.09	752.800	37.95 *
20	752.680	32.56	754.400	207.3	753.040	62.72 *	754.760	246.4	752.490	4.000	752.700	19.98
21	752.530	15.92	755.100	293.9	753.670	149.7	754.680	240.8	752.400	0.000	752.800	32.18
22	752.600	19.31	754.880	251.9	754.460	217.4	753.990	182.1	752.580	0.000	752.620	14.73
23	752.480	12.41	754.100	181.9 *	754.450	216.8	753.720	150.5	752.290	0.000	752.370	0.000
24	752.600	22.81	753.720	150.9	753.870	169.5	753.300	90.72 *	752.220	0.000	752.290	0.000
25	752.100	0.000	753.560	139.5	753.650	129.8 *	753.500	147.2	752.170	0.000	752.200	0.000
26	752.070	0.000	753.540	137.6	753.950	177.1	753.720	150.3	752.160	0.000	752.250	0.000
27	753.140	89.67	753.400	123.8	753.560	119.6 *	753.610	143.2	752.610	19.43 #	752.340	0.000
28	754.040	229.1	753.330	109.9	754.460	217.4	753.810	163.4	752.660	16.32	752.320	0.000
29	753.690	148.7	753.350	116.9	755.350	319.1	753.740	140.1 *	752.680	26.11 *	752.410	2.010 #
30	753.680	147.4	753.530	116.3 *	755.780	368.6	753.600	141.7	752.710	24.98	752.400	1.281 #
31			753.280	105.2	754.840	254.5			752.650	14.54		
Ten-Daily Mean												
I Ten-Daily	752.024	0.000	753.337	122.3	753.484	120.9	753.694	150.8	753.101	75.87	752.605	14.43
II Ten-Daily	752.514	28.76	752.707	35.90	753.026	67.43	753.382	109.2	752.948	50.08	752.706	22.09
III Ten-Daily	752.893	68.53	753.799	157.1	754.367	212.7	753.767	155.0	752.466	9.216	752.400	5.020
Monthly												
Min.	751.720	0.000	752.310	0.000	752.590	17.56	752.490	8.553	752.160	0.000	752.200	0.000
Max.	754.040	229.1	755.100	293.9	755.780	368.6	754.760	246.4	753.360	118.3	752.830	37.95
Mean	752.477	32.43	753.298	106.7	753.650	136.2	753.614	138.3	752.826	43.9	752.570	13.85

Annual Runoff in MCM = 1329 Annual Runoff in mm = 444

Peak Observed Discharge = 368.6 cumecs on 30/08/2017 Corres. Water Level :755.78 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2017 Corres. Water Level :752.18 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	752.460	9.730	752.280	0.000	751.880	0.000	751.810	0.000	752.020	0.000	751.740	0.000
2	752.500	13.02 *	752.190	0.000	751.870	0.000	751.790	0.000	752.250	0.000	751.710	0.000
3	752.670	24.00 *	751.930	0.000	751.890	0.000	751.790	0.000	752.290	0.000	751.950	0.000
4	752.760	29.71	751.890	0.000	751.820	0.000	751.780	0.000	752.200	0.000	751.940	0.000
5	752.830	36.13	751.870	0.000	751.820	0.000	751.780	0.000	751.950	0.000	751.900	0.000
6	752.650	21.59	751.860	0.000	751.810	0.000	751.770	0.000	751.900	0.000	751.880	0.000
7	752.750	29.21	751.860	0.000	751.810	0.000	751.800	0.000	751.870	0.000	751.860	0.000
8	752.640	22.73	751.830	0.000	751.880	0.000	751.790	0.000	751.840	0.000	751.840	0.000
9	752.630	20.28	751.830	0.000	751.800	0.000	751.780	0.000	751.820	0.000	752.000	0.000
10	752.740	29.72 *	751.860	0.000	751.250	0.000	751.830	0.000	751.800	0.000	751.910	0.000
11	752.640	23.58	751.840	0.000	751.260	0.000	751.780	0.000	751.790	0.000	752.000	0.000
12	752.650	22.01	751.840	0.000	751.250	0.000	751.740	0.000	751.780	0.000	752.070	0.000
13	752.490	13.81	751.810	0.000	751.250	0.000	751.720	0.000	751.810	0.000	751.940	0.000
14	752.630	21.84	751.830	0.000	751.250	0.000	751.700	0.000	751.820	0.000	751.900	0.000
15	752.640	21.77 *	751.830	0.000	751.820	0.000	751.690	0.000	751.740	0.000	751.880	0.000
16	752.160	0.000	751.840	0.000	751.910	0.000	751.690	0.000	751.790	0.000	752.600	20.10
17	752.650	0.000	751.840	0.000	751.890	0.000	751.690	0.000	751.800	0.000	752.540	14.80
18	752.300	0.000	751.860	0.000	751.840	0.000	751.680	0.000	751.810	0.000	752.980	50.98
19	752.160	0.000	751.880	0.000	751.820	0.000	751.680	0.000	751.810	0.000	752.790	34.24
20	752.000	0.000	751.840	0.000	752.320	0.000	751.680	0.000	752.140	0.000	753.210	88.84 *
21	752.200	0.000	751.830	0.000	752.000	0.000	751.680	0.000	751.970	0.000	753.060	70.37
22	752.420	9.360	751.810	0.000	752.020	0.000	751.680	0.000	752.080	0.000	753.100	72.84
23	752.050	0.000	751.810	0.000	751.980	0.000	751.690	0.000	751.970	0.000	752.800	35.33
24	752.140	0.000	751.800	0.000	751.910	0.000	751.680	0.000	751.880	0.000	752.800	34.91
25	752.290	0.000	751.830	0.000	751.910	0.000	751.680	0.000	751.830	0.000	752.830	36.20
26	752.150	0.000	751.860	0.000	751.890	0.000	751.660	0.000	751.800	0.000	752.870	42.12
27	752.070	0.000	751.840	0.000	751.830	0.000	751.830	0.000	751.800	0.000	752.770	32.40 *
28	752.090	0.000	751.770	0.000	751.810	0.000	751.800	0.000	751.760	0.000	752.210	0.000
29	751.970	0.000	751.730	0.000			751.840	0.000	751.760	0.000	752.650	23.46
30	751.880	0.000	751.720	0.000			751.980	0.000	751.750	0.000	752.600	19.92
31	752.210	0.000	751.770	0.000			752.120	0.000			752.720	27.65
Ten-Daily Mean												
I Ten-Daily	752.663	23.61	751.940	0.000	751.783	0.000	751.792	0.000	751.994	0.000	751.873	0.000
II Ten-Daily	752.432	10.30	751.841	0.000	751.661	0.000	751.705	0.000	751.829	0.000	752.391	20.90
III Ten-Daily	752.134	0.851	751.797	0.000	751.919	0.000	751.785	0.000	751.860	0.000	752.765	35.93
Monthly												
Min.	751.880	0.000	751.720	0.000	751.250	0.000	751.660	0.000	751.740	0.000	751.710	0.000
Max.	752.830	36.13	752.280	0.000	752.320	0.000	752.120	0.000	752.290	0.000	753.210	88.84
Mean	752.401	11.24	751.857	0	751.778	0	751.762	0	751.894	0	752.356	19.49

Peak Computed Discharge = 221.0 cumecs on 06/08/2017 Corres. Water Level :754.43 m

Lowest Computed Discharge = 7.838 cumecs on 16/07/2017 Corres. Water Level :752.32 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

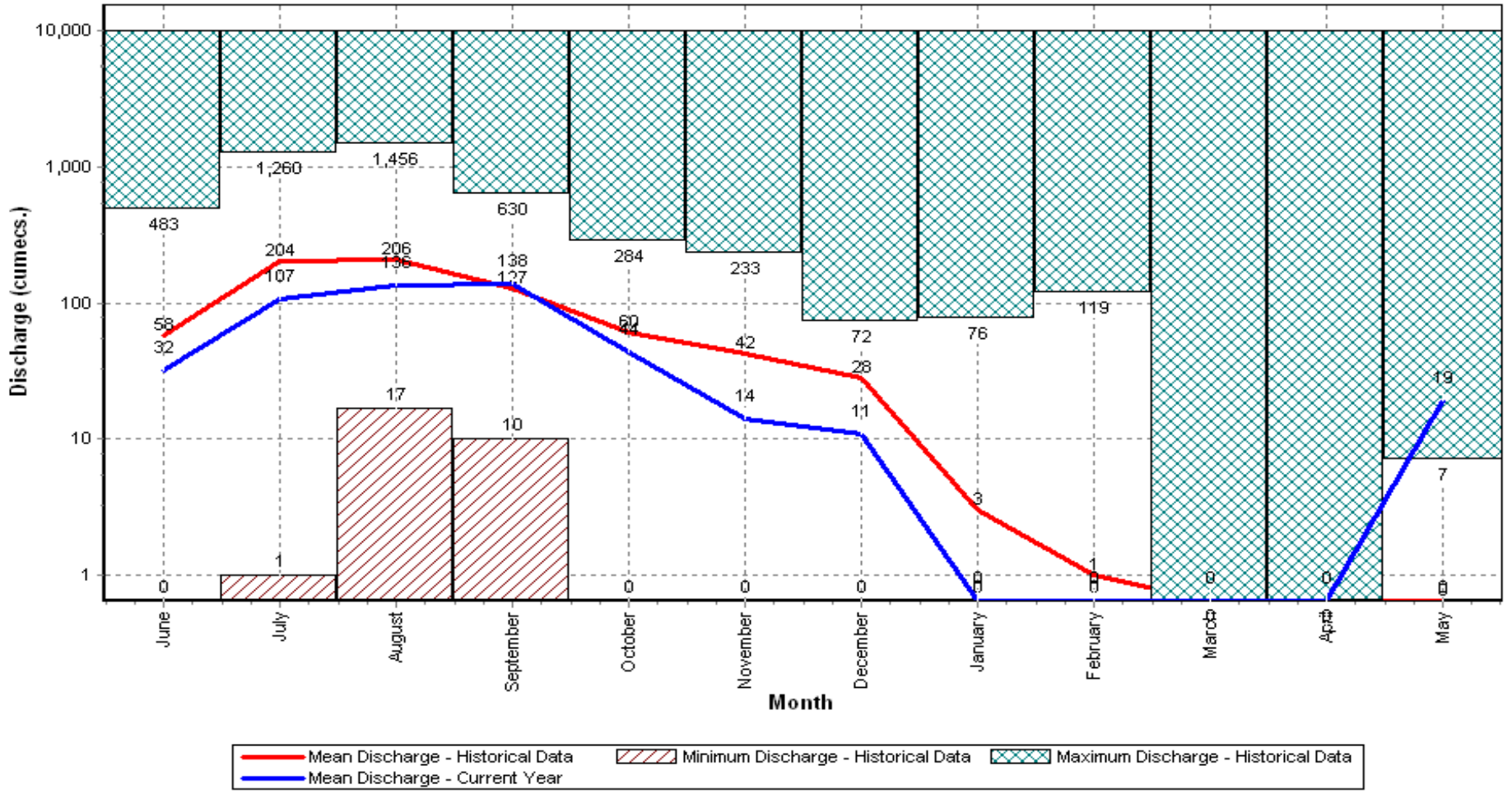
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Chunchunkatte (CC000V7) | **Data considered : 2008-2018** | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**



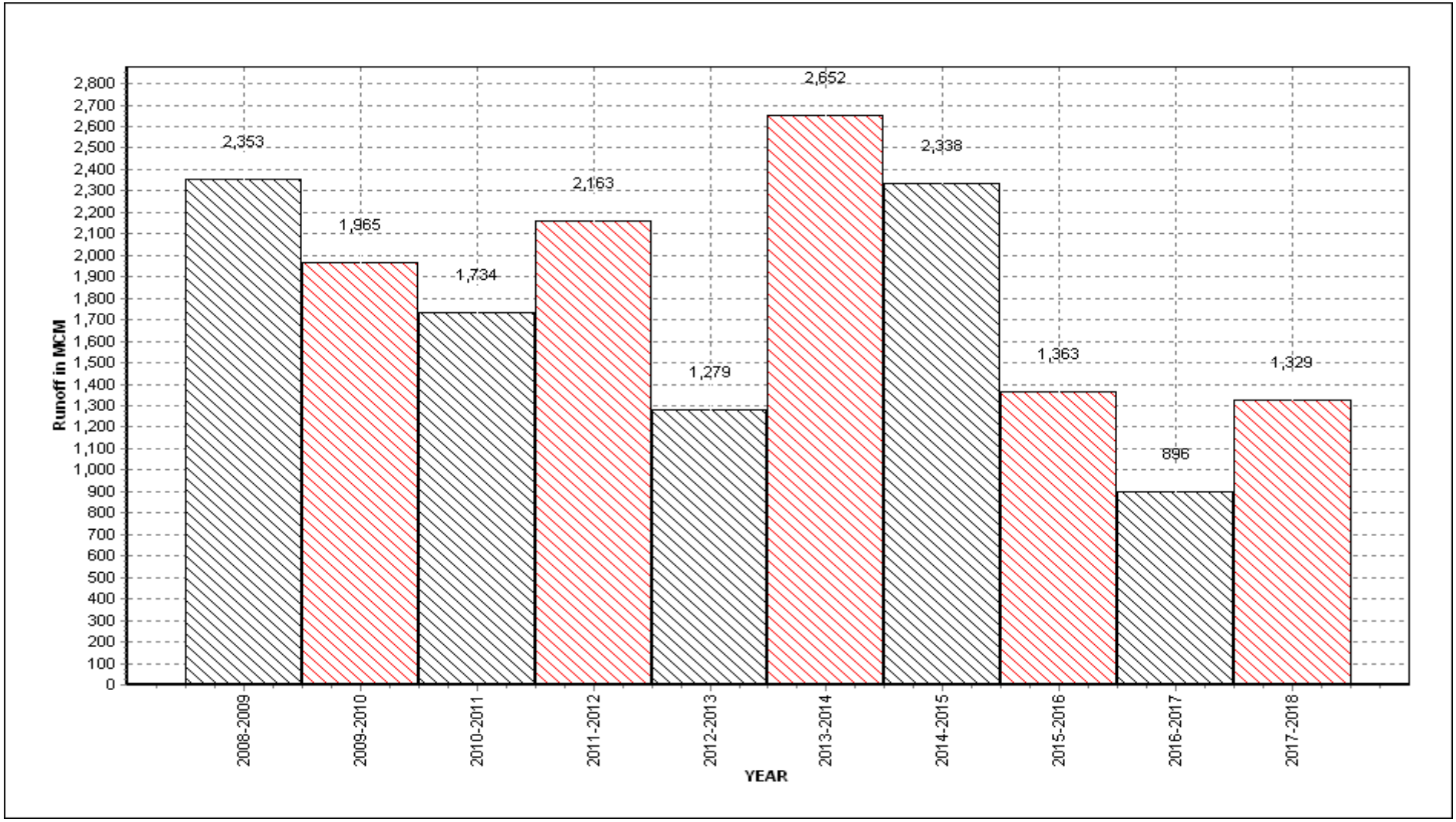
Annual Runoff Values for the period: 2008 - 2018

Station Name : Chunchunkatte (CC000V7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



Note: Missing values have not been considered while arriving at Annual Runoff

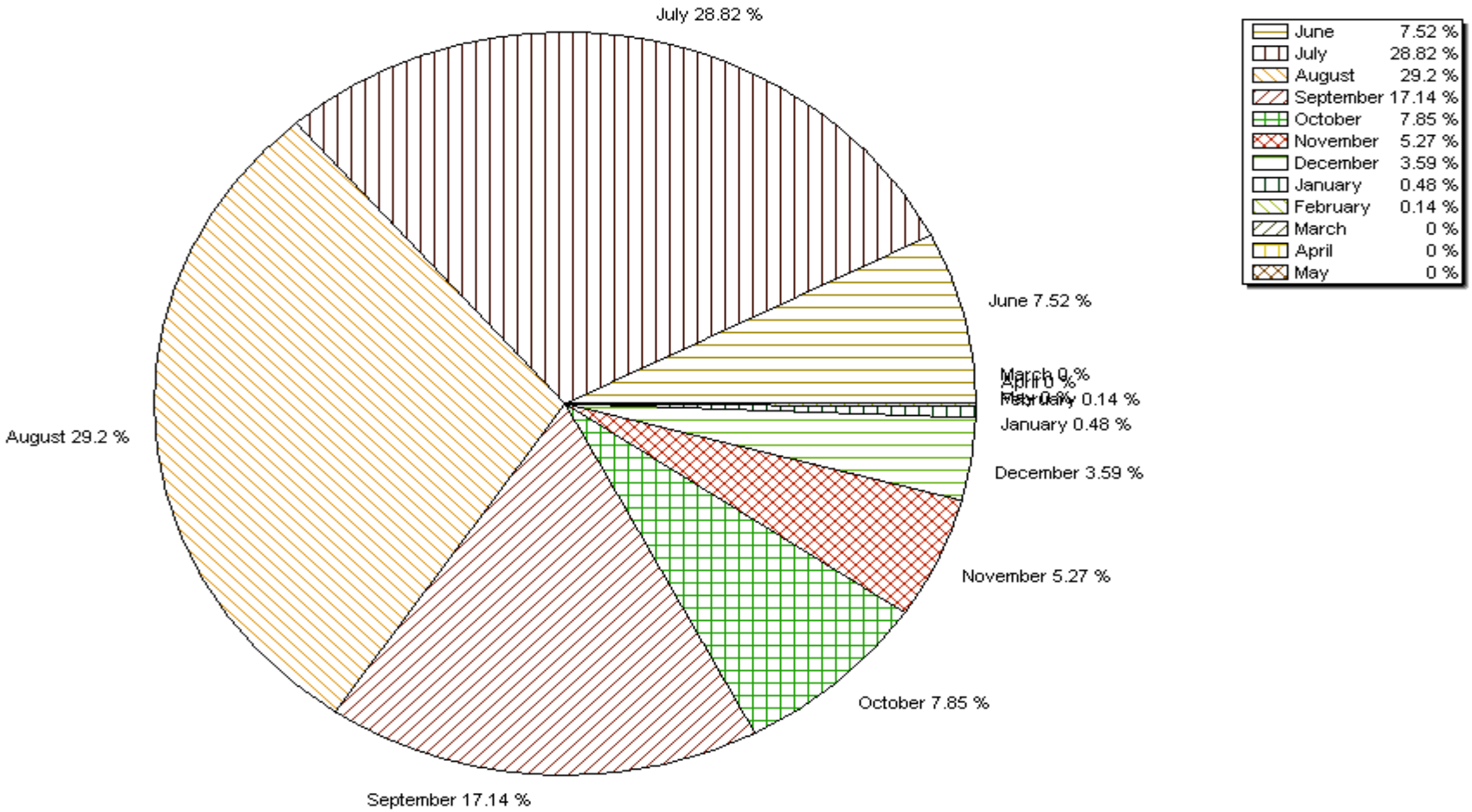
Monthly Average Runoff based on period : 2008-2017

Station Name : Chunchunkatte (CC000V7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



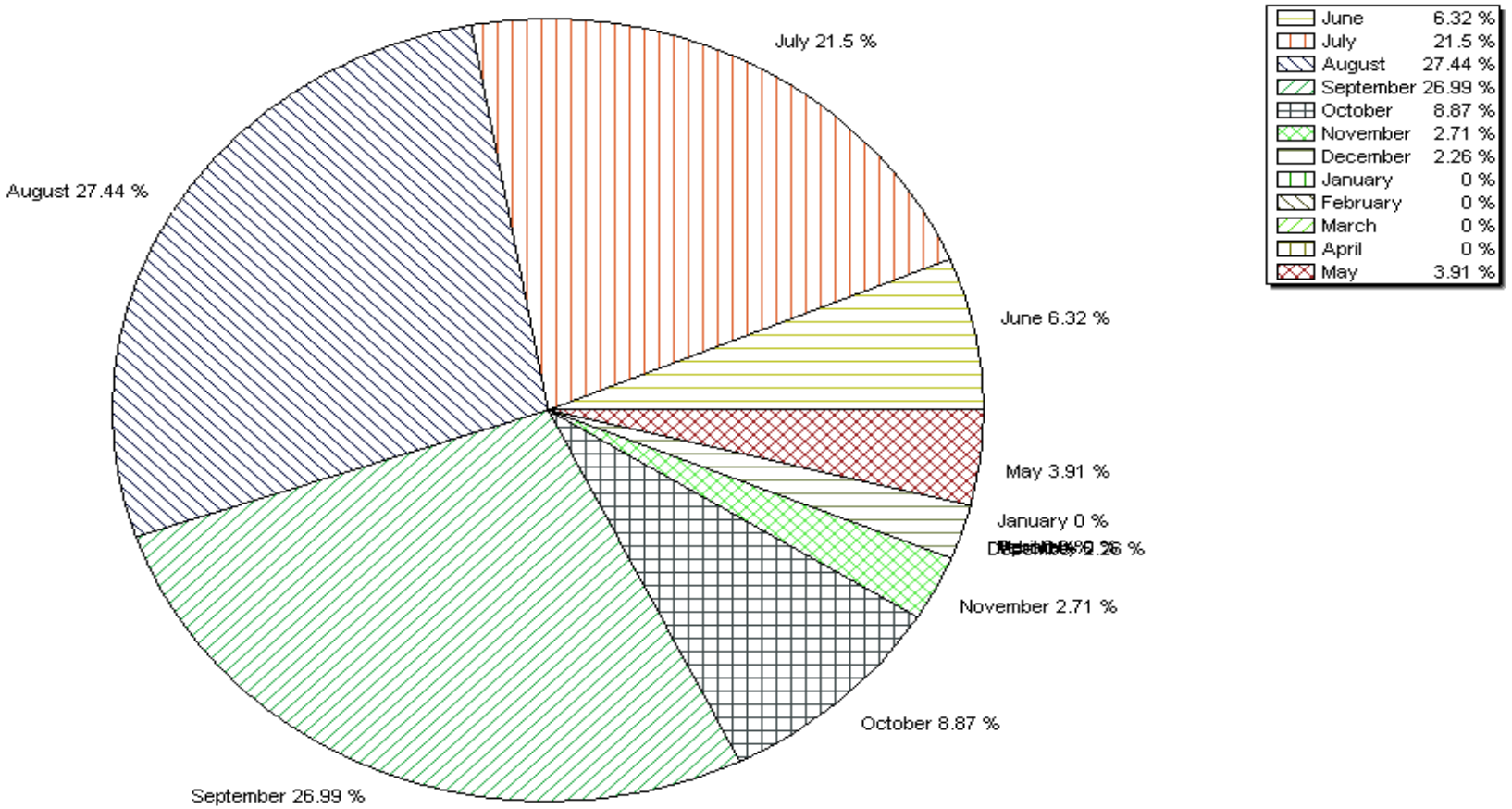
Monthly Runoff for the Year : 2017-2018

Station Name : Chunchunkatte (CC000V7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

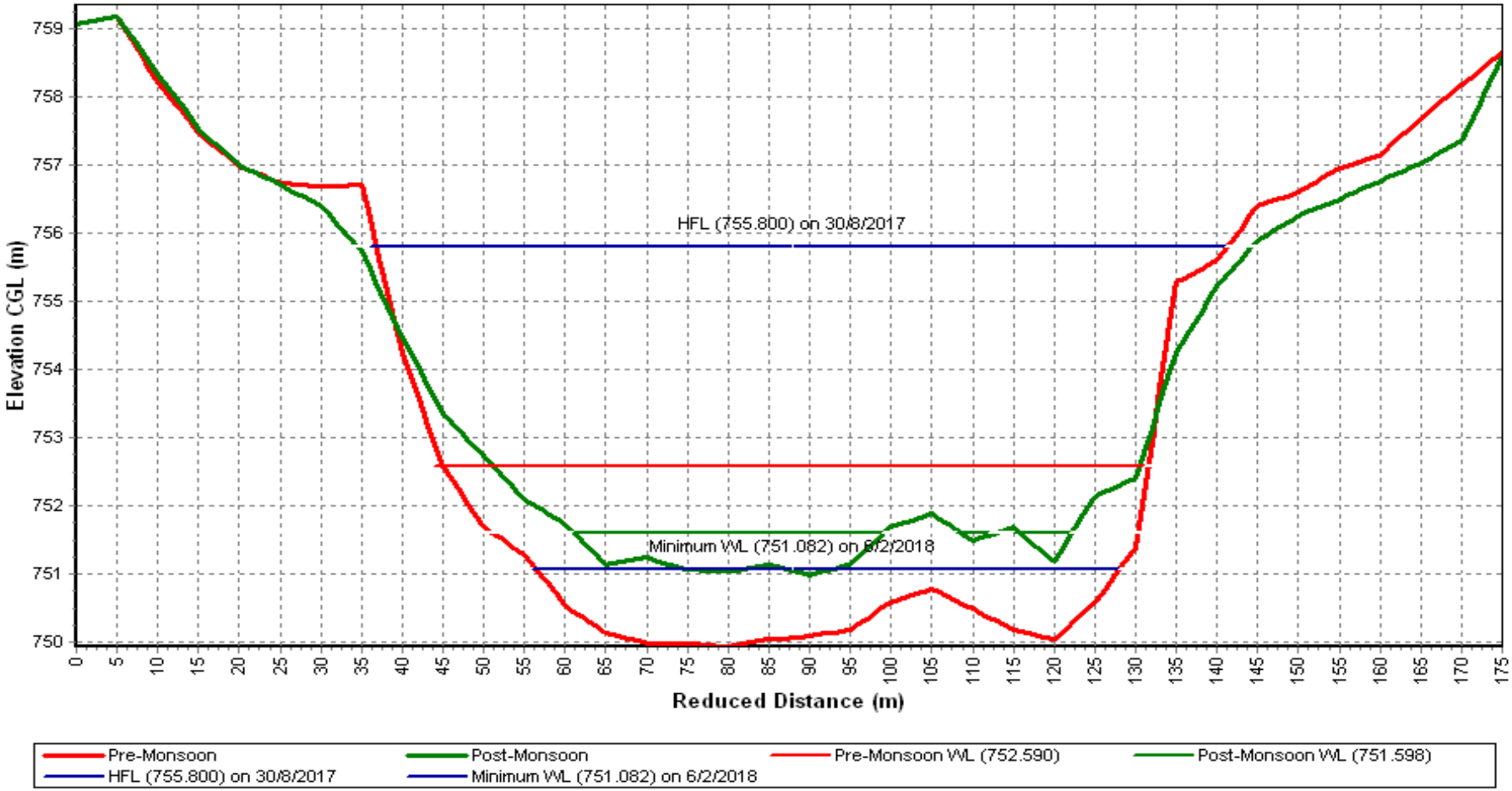
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

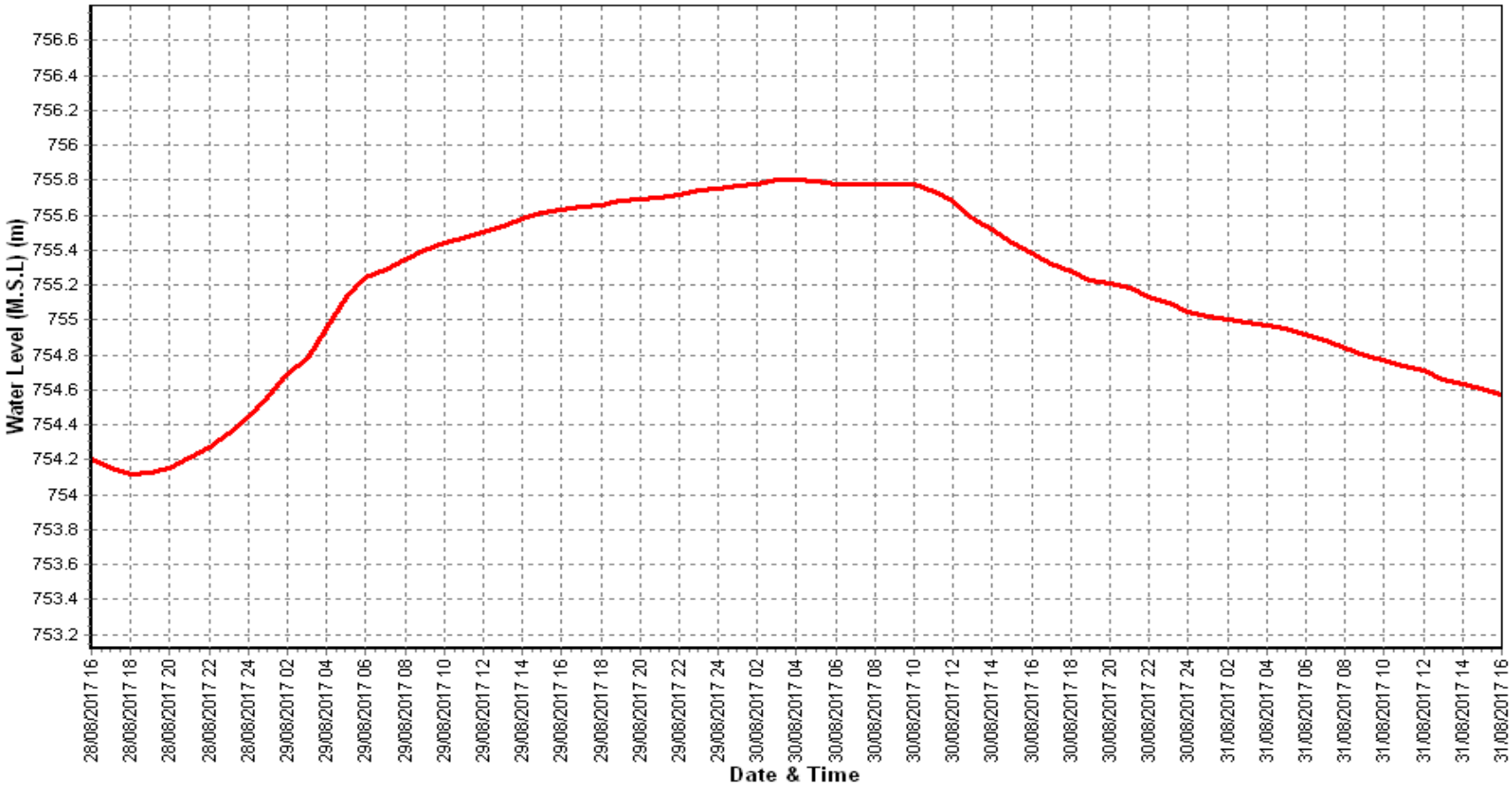
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

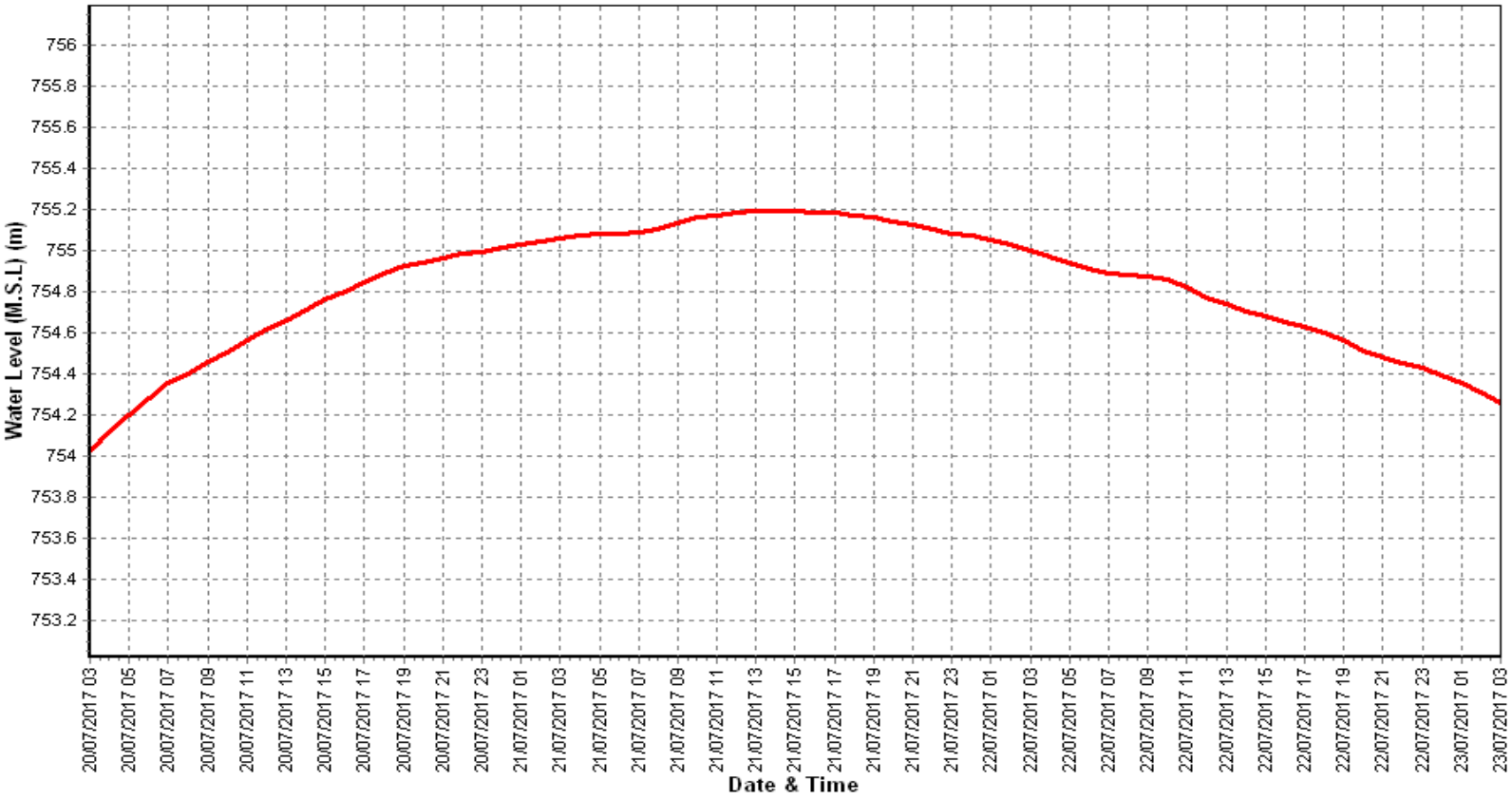


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

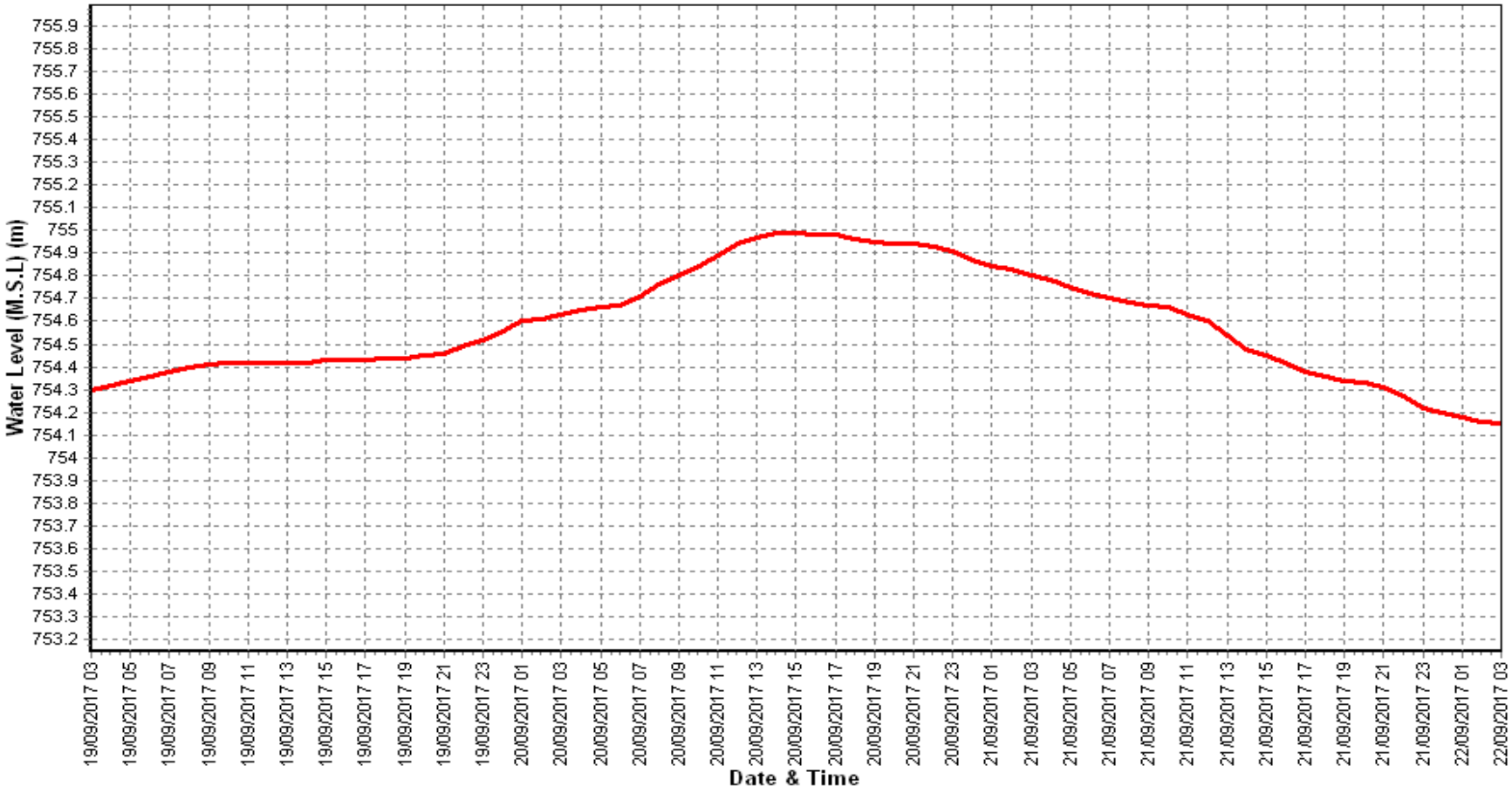


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2017-18

Site	**:**	**Kudige**	**Code**	**:**	**CC000Y5**
State	:	Karnataka	District		Coorg
Basin	:	Cauvery	Independent River	:	Cauvery
Tributary	:	-	Sub Tributary	:	
Sub-Sub Tributary	:		Local River	:	Cauvery
Division	:	Cauvery Division, Bangalore	Sub-Division	:	Upper Cauvery SD, Bangalore
Drainage Area	:	1934 Sq. Km.	Bank	:	Left
Latitude	:	12°30'09"	Longitude	:	75°57'40"
Zero of Gauge (m)	:	809.000 (m.s.l)	01-11-1973		
		Opening Date	Closing Date		
Gauge	:	01-11-1973			
Discharge	:	01-11-1973			
Sediment	:	01-11-1973			
Water Quality	:	01-06-1978			

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1974-1975	1435	818.780	27-07-1974	0.200	811.040	18-04-1975
1975-1976	1522	818.455	14-08-1975	1.400	811.122	30-05-1976
1976-1977	739.4	816.130	04-08-1976	1.700	811.195	01-06-1976
1977-1978	1190	817.290	26-07-1977	4.900	811.380	08-06-1977
1978-1979	1434	817.300	01-08-1978	5.300	811.350	18-02-1979
1979-1980	1435	819.357	03-08-1979	2.800	811.205	29-03-1980
1980-1981	2265	820.410	03-07-1980	2.100	811.060	27-05-1981
1981-1982	1546	818.510	18-08-1981	3.100	811.145	02-06-1981
1982-1983	1072	817.280	03-08-1982	2.900	811.150	10-03-1983
1983-1984	912.0	816.640	23-07-1983	1.200	811.000	11-06-1983
1984-1985	1463	818.285	03-07-1984	2.000	811.095	01-06-1984
1985-1986	985.9	817.100	29-06-1985	0.800	811.090	12-04-1986
1986-1987	1776	819.080	08-08-1986	1.000	811.100	02-04-1987
1987-1988	279.2	813.785	27-08-1987	1.050	811.110	07-04-1988
1988-1989	892.0	816.515	19-07-1988	1.363	811.045	20-04-1989
1989-1990	1592	819.350	23-07-1989	1.000	811.000	16-04-1990
1990-1991	1073	817.560	17-08-1990	1.950	811.115	01-04-1991
1991-1992	1717	818.916	28-07-1991	0.246	810.980	18-04-1992
1992-1993	1464	818.272	28-07-1992	3.426	811.248	08-05-1993

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Annual Maximum / Minimum discharge with corresponding Water Level (m.s.l)

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
1993-1994	942.1	816.433	04-08-1993	2.301	811.148	19-03-1994
1994-1995	1980	819.720	15-07-1994	2.550	811.195	30-03-1995
1995-1996	1330	817.768	04-09-1995	1.791	811.175	02-04-1996
1996-1997	955.7	816.600	11-10-1996	3.301	811.220	13-06-1996
1997-1998	1490	818.290	08-08-1997	3.720	811.195	31-03-1998
1998-1999	775.0	816.020	02-07-1998	3.701	811.185	11-06-1998
1999-2000	1214	817.780	27-07-1999	3.280	811.140	04-04-2000
2000-2001	1035	816.890	15-07-2000	4.123	811.130	18-05-2001
2001-2002	966.6	816.900	10-07-2001	2.740	810.960	15-05-2002
2002-2003	939.6	816.880	17-08-2002	2.228	811.190	02-06-2002
2003-2004	567.4	815.325	23-08-2003	0.000	811.040	01-06-2003
2004-2005	1388	818.050	05-08-2004	1.064	810.880	04-04-2005
2005-2006	1453	818.165	01-08-2005	2.155	810.980	01-06-2005
2006-2007	1250	818.100	04-07-2006	1.257	810.920	02-04-2007
2007-2008	1409	818.610	10-08-2007	2.452	811.070	10-06-2007
2008-2009	1094	817.500	13-08-2008	0.407	810.850	11-03-2009
2009-2010	1426	818.560	18-07-2009	2.324	810.990	19-03-2010
2010-2011	791.1	817.180	30-07-2010	3.313	811.060	26-03-2011
2011-2012	634.9	816.390	03-09-2011	1.896	810.930	20-03-2012
2012-2013	813.1	817.250	07-08-2012	1.481	810.840	24-04-2013
2013-2014	1762	818.640	20-07-2013	0.762	810.850	07-04-2014
2014-2015	1058	817.490	02-08-2014	3.637	811.010	31-03-2015
2015-2016	918.2	817.080	27-06-2015	0.264	810.820	29-03-2016
2016-2017	709.8	815.550	30-06-2016	0.506	810.880	20-03-2017

Q:Observed/Computed Discharge
WL:Corresponding Water Level(m.s.l)

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	811.100	6.480	812.760	258.4	812.530	232.1	813.655	407.3	812.200	173.0 *	811.850	43.13
2	811.100	6.500	812.610	222.5 *	812.550	234.0	813.250	312.8 *	812.760	242.2 *	811.850	42.91
3	811.100	7.136 #	812.540	233.0	812.500	229.2	812.870	257.2 *	812.685	246.2	811.810	37.10
4	811.140	8.907 *	813.045	286.3	812.480	208.7	812.720	258.4	812.420	206.4	811.850	42.47 *
5	811.140	9.130	812.785	269.6	813.780	433.4	812.635	232.7	812.330	194.5	811.880	44.39 *
6	811.200	12.67	812.370	229.5	814.400	515.6 *	812.540	222.3	812.260	188.5	811.880	47.10
7	811.230	13.86	812.315	220.1	813.495	362.0	812.575	235.4	812.295	192.4	811.870	45.48
8	811.240	14.51	812.285	212.5	813.295	340.4	812.750	265.0	812.330	188.0 *	811.950	51.21
9	811.230	13.58	812.090	160.8 *	813.155	313.3	812.345	225.3	812.260	185.6	811.840	43.62
10	811.230	13.25	812.030	154.4 #	813.055	284.1	812.360	191.5 *	811.940	148.0	811.900	48.35
11	811.240	14.34 *	811.940	161.7	812.720	258.4	812.150	157.0	811.835	106.2	811.900	46.61
12	811.240	14.47	811.860	139.1	812.670	247.7	812.035	145.1	811.920	48.84	811.880	44.39 *
13	812.095	118.9	811.820	107.1	812.830	251.7 *	811.940	141.0	812.230	54.80	811.890	45.59
14	811.920	86.80	811.820	107.1	812.645	231.7	811.890	108.1	812.420	97.52	811.880	43.02
15	811.975	93.44	812.010	124.7	812.440	201.2 *	811.930	129.3	812.240	71.31 *	811.890	48.83
16	811.790	76.68	812.010	152.2 *	811.920	142.9 #	811.990	134.4	812.325	84.99	811.700	38.18
17	811.655	63.03	812.080	129.2	811.930	102.5	812.740	239.5 *	812.170	62.43	811.700	39.45
18	811.660	54.60 *	812.110	129.5	812.090	133.9	813.715	413.0	811.880	44.39 *	811.690	37.67
19	811.630	55.86	813.675	372.7	812.210	170.1	814.275	471.7	811.850	41.47	811.690	33.02 *
20	811.540	41.38	815.190	602.8	813.090	288.7 *	815.115	604.3	811.810	36.36	811.690	36.95
21	811.490	34.03	815.640	665.6	814.255	438.9	813.950	446.6	811.770	31.43	811.470	25.44
22	811.510	36.18	814.600	515.4	814.385	471.0	813.415	358.5	811.790	38.77 *	811.430	21.60
23	811.490	35.48	813.450	344.3 *	813.770	430.1	813.095	307.4	811.750	30.71	811.410	20.81
24	811.450	34.57	813.237	322.9	813.260	323.8	812.440	201.2 *	811.680	28.76	811.400	18.03
25	811.450	99.06 *	812.980	278.9	812.940	267.0 *	812.675	239.9	811.660	25.45	811.390	17.30
26	811.910	141.9 *	813.075	289.6	813.120	293.1 #	812.805	277.2	811.950	49.07 #	811.390	18.83 *
27	813.425	360.1	812.840	276.7	813.840	410.3 *	812.780	268.7	811.990	51.86 #	811.390	17.31
28	813.245	325.9	812.625	257.7	814.665	406.2	813.020	278.5 #	811.990	51.86 #	811.400	19.22
29	813.100	303.7	813.255	319.7	816.230	948.0 *	812.920	264.2 *	812.010	53.28 *	811.400	20.04
30	812.850	276.4	813.120	293.1 *	815.500	656.2	812.785	265.7	811.990	51.86 #	811.390	19.05
31			812.630	256.1	814.445	508.3			811.920	47.24		
Ten-Daily Mean												
I Ten-Daily	811.171	10.60	812.483	224.7	813.124	315.3	812.770	260.8	812.348	196.5	811.868	44.58
II Ten-Daily	811.674	61.95	812.451	202.6	812.454	202.9	812.778	254.3	812.068	64.83	811.791	41.37
III Ten-Daily	812.192	164.7	813.405	347.3	814.219	468.5	812.989	290.8	811.864	41.84	811.407	19.76
Monthly												
Min.	811.100	6.480	811.820	107.1	811.920	102.5	811.890	108.1	811.660	25.45	811.390	17.30
Max.	813.425	360.1	815.640	665.6	816.230	948.0	815.115	604.3	812.760	246.2	811.950	51.21
Mean	811.679	79.09	812.800	261.1	813.297	333.4	812.845	268.6	812.086	99.14	811.689	35.24

Annual Runoff in MCM = 3078 Annual Runoff in mm = 1591

Peak Observed Discharge = 665.6 cumecs on 21/07/2017 Corres. Water Level :815.64 m

Lowest Observed Discharge = 1.730 cumecs on 05/04/2018 Corres. Water Level :810.99 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2017 - 2018

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	811.380	18.52	811.260	11.89	811.150	8.930	810.940	2.920	811.050	3.698 *	811.030	3.127 #
2	811.390	18.79 *	811.260	11.82	811.140	8.620	810.930	2.830	811.000	1.900	811.030	3.127 #
3	811.540	37.00	811.260	11.90	811.140	8.600	810.930	2.820	811.010	2.130	811.010	2.150
4	811.550	38.80	811.250	11.56	811.130	7.467 *	810.920	2.762 *	810.990	1.800	811.010	2.140
5	811.490	30.16	811.250	11.49	811.130	8.510	810.910	2.560	810.990	1.730	811.000	2.060
6	811.470	26.51	811.250	12.55	811.120	7.710	810.910	2.540	811.050	2.610	811.010	2.603 *
7	811.440	23.93	811.240	11.06 *	811.110	7.300	810.910	2.540	811.000	2.480	810.990	2.030
8	811.430	22.89	811.240	12.25	811.100	6.890	810.900	2.500	811.010	2.603 *	810.970	1.920
9	811.420	21.63	811.240	12.09	811.100	6.880	810.900	2.510	811.000	2.470	811.200	9.050
10	811.410	20.79 *	811.230	11.83	811.090	6.630	810.900	2.500	811.000	2.480	811.070	4.700
11	811.400	19.66	811.230	11.81	811.080	6.101 *	810.900	2.450 *	810.990	2.250	811.050	4.230
12	811.390	19.07	811.230	11.82	811.070	6.120	810.890	2.430	811.000	2.400	811.200	9.537 *
13	811.380	17.21	811.220	11.53	811.090	6.660	810.890	2.420	811.040	4.030	811.200	9.537 *
14	811.370	16.90 *	811.220	10.34 *	811.160	9.180	810.900	2.500	811.030	3.770	811.220	9.720
15	811.340	14.41	811.220	10.34 *	811.220	11.54	810.920	2.570	811.010	2.603 *	811.530	28.65
16	811.330	11.62	811.210	11.09	811.260	11.97	811.040	3.980	811.050	4.280	811.520	28.09
17	811.310	13.78 *	811.200	10.43	811.500	23.01 #	810.970	3.642 #	811.080	5.070	811.550	29.38
18	811.300	10.67	811.200	10.35	811.500	23.01 *	810.950	3.274 *	811.080	5.050	811.400	18.56
19	811.300	10.70	811.200	10.30	811.500	23.01 #	810.940	2.830	811.070	4.770	812.370	133.1
20	811.300	10.67	811.190	9.990	811.500	23.10 #	810.930	2.820	811.070	4.820	812.290	135.0 *
21	811.290	10.51	811.190	9.324 *	811.050	5.070	810.920	2.880	811.060	4.440	812.230	119.3
22	811.290	10.51	811.180	9.770	810.990	3.680	811.420	15.59	811.050	3.698 *	812.065	97.14
23	811.290	10.55	811.180	9.590	810.990	3.670	811.510	24.51	811.030	3.550	811.740	53.35 #
24	811.310	13.78 *	811.170	9.520	810.970	3.320	811.530	28.68	811.030	3.490	811.710	49.98 #
25	811.310	13.78 *	811.170	9.530	810.960	3.456 *	811.450	20.31 *	811.100	5.420	811.630	50.38
26	811.300	10.69	811.170	8.678 *	810.950	3.090	811.450	19.53	811.070	4.780	811.660	52.06
27	811.290	10.52	811.160	9.240	810.950	3.070	811.495	23.43	811.070	4.750	811.380	20.17 *
28	811.280	12.76	811.160	8.365 *	810.940	2.940	811.460	21.05	811.060	4.490	811.540	28.98
29	811.280	12.65	811.160	9.260			811.500	23.01 *	811.050	3.698 *	811.420	20.08
30	811.270	12.38	811.160	9.210			811.510	23.57 *	811.050	3.698 *	811.680	52.24
31	811.270	12.18 *	811.150	8.950			811.510	23.81			812.220	150.0
Ten-Daily Mean												
I Ten-Daily	811.452	25.90	811.248	11.84	811.121	7.754	810.915	2.648	811.010	2.390	811.032	3.291
II Ten-Daily	811.342	14.47	811.212	10.80	811.288	14.37	810.933	2.892	811.042	3.904	811.533	40.58
III Ten-Daily	811.289	11.85	811.168	9.222	810.975	3.537	811.432	20.58	811.057	4.201	811.752	63.06
Monthly												
Min.	811.270	10.51	811.150	8.365	810.940	2.940	810.890	2.420	810.990	1.730	810.970	1.920
Max.	811.550	38.80	811.260	12.55	811.500	23.10	811.530	28.68	811.100	5.420	812.370	150.0
Mean	811.359	17.23	811.208	10.58	811.139	8.912	811.104	9.089	811.036	3.499	811.449	36.53

Peak Computed Discharge = 948.0 cumecs on 29/08/2017 Corres. Water Level :816.23 m

Lowest Computed Discharge = 2.450 cumecs on 11/03/2018 Corres. Water Level :810.9 m

Q:Observed/Computed Discharge in cumecs

WL:Corresponding Mean Water Level(m.s.l) in m

*:Computed Discharge

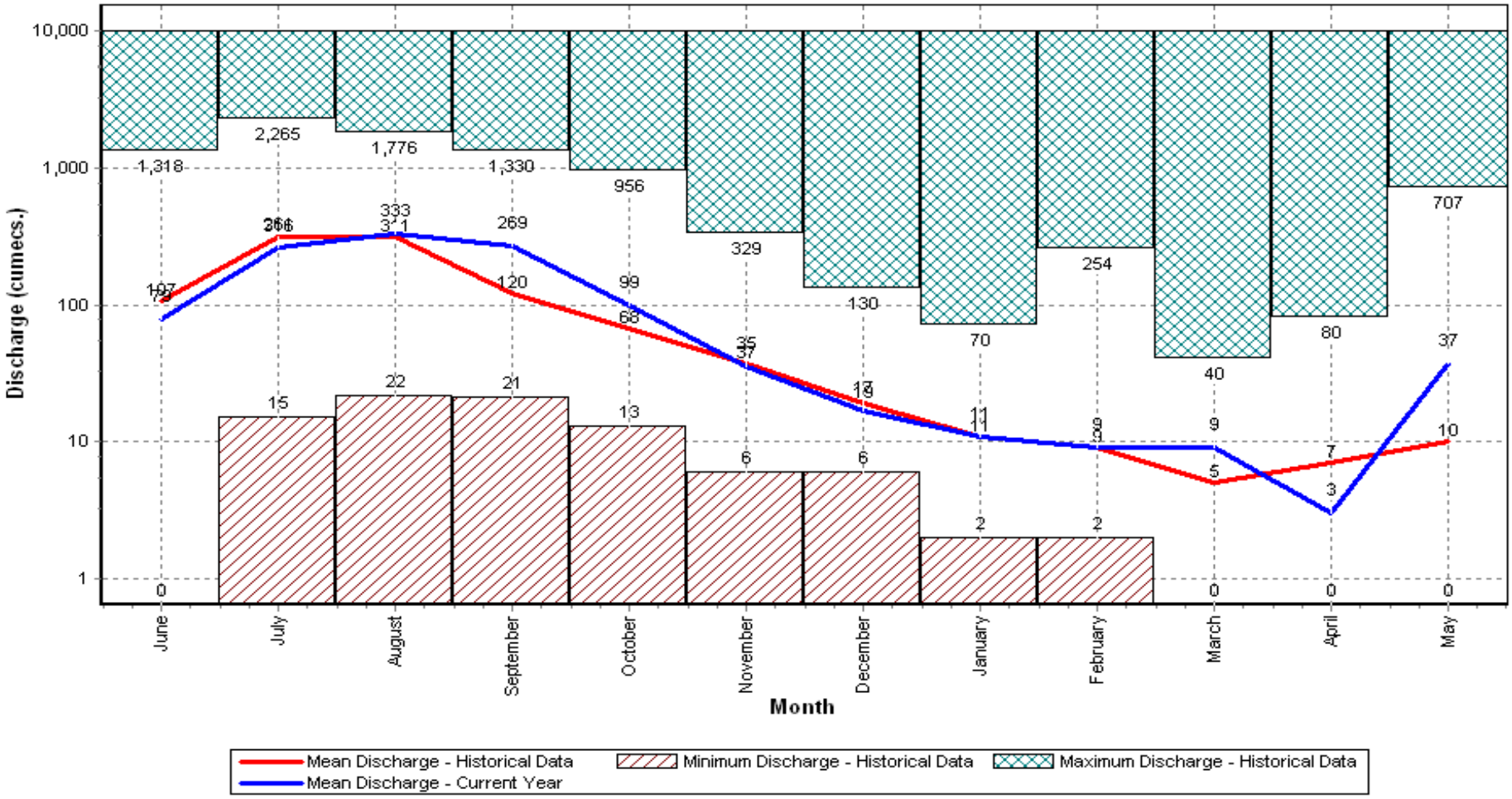
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2017-2018

Station Name : Kudige (CC000Y5) | **Data considered : 1975-2018** | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**



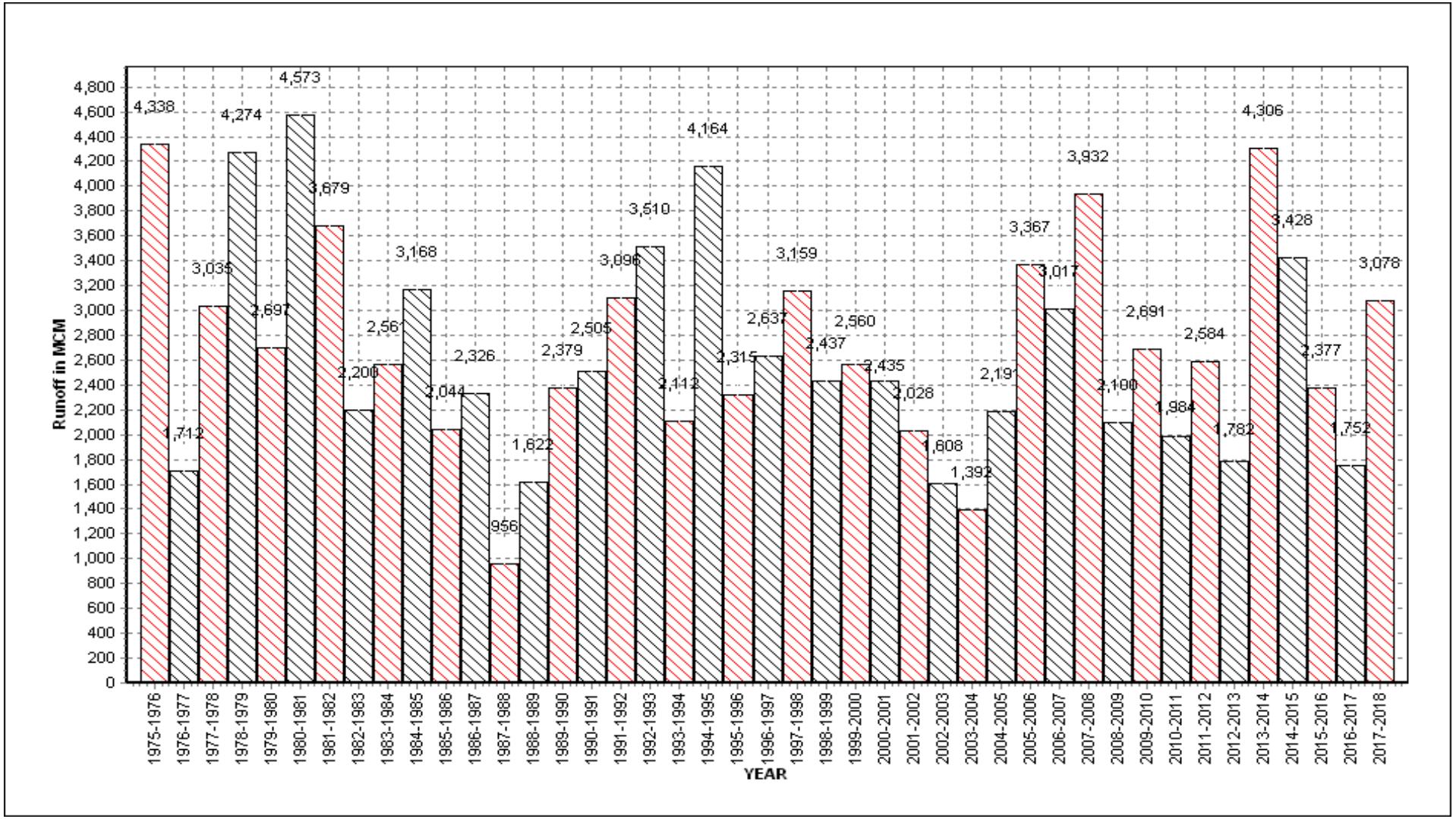
Annual Runoff Values for the period: 1975 - 2018

Station Name : Kudige (CC000Y5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

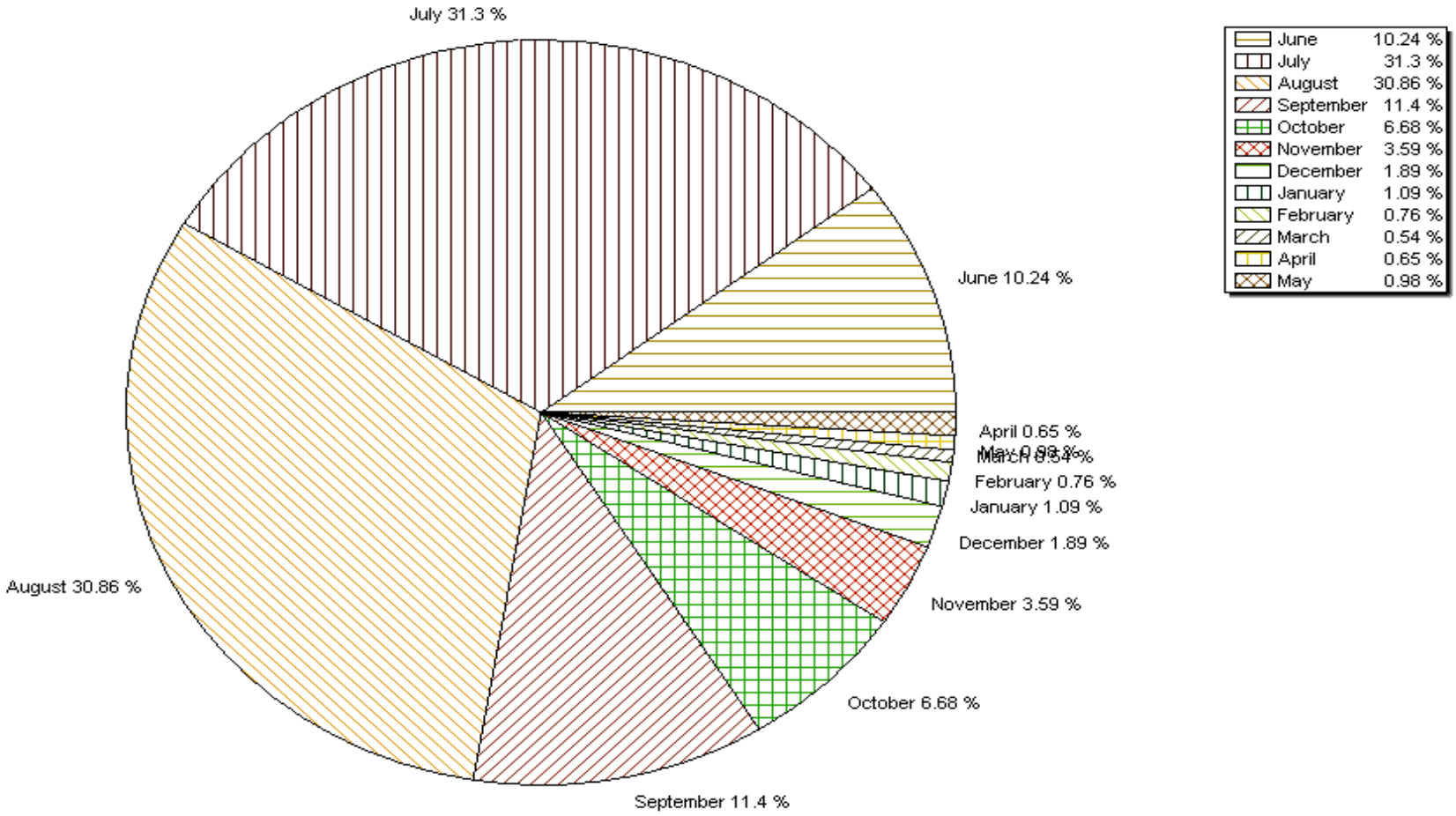


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1975-2017

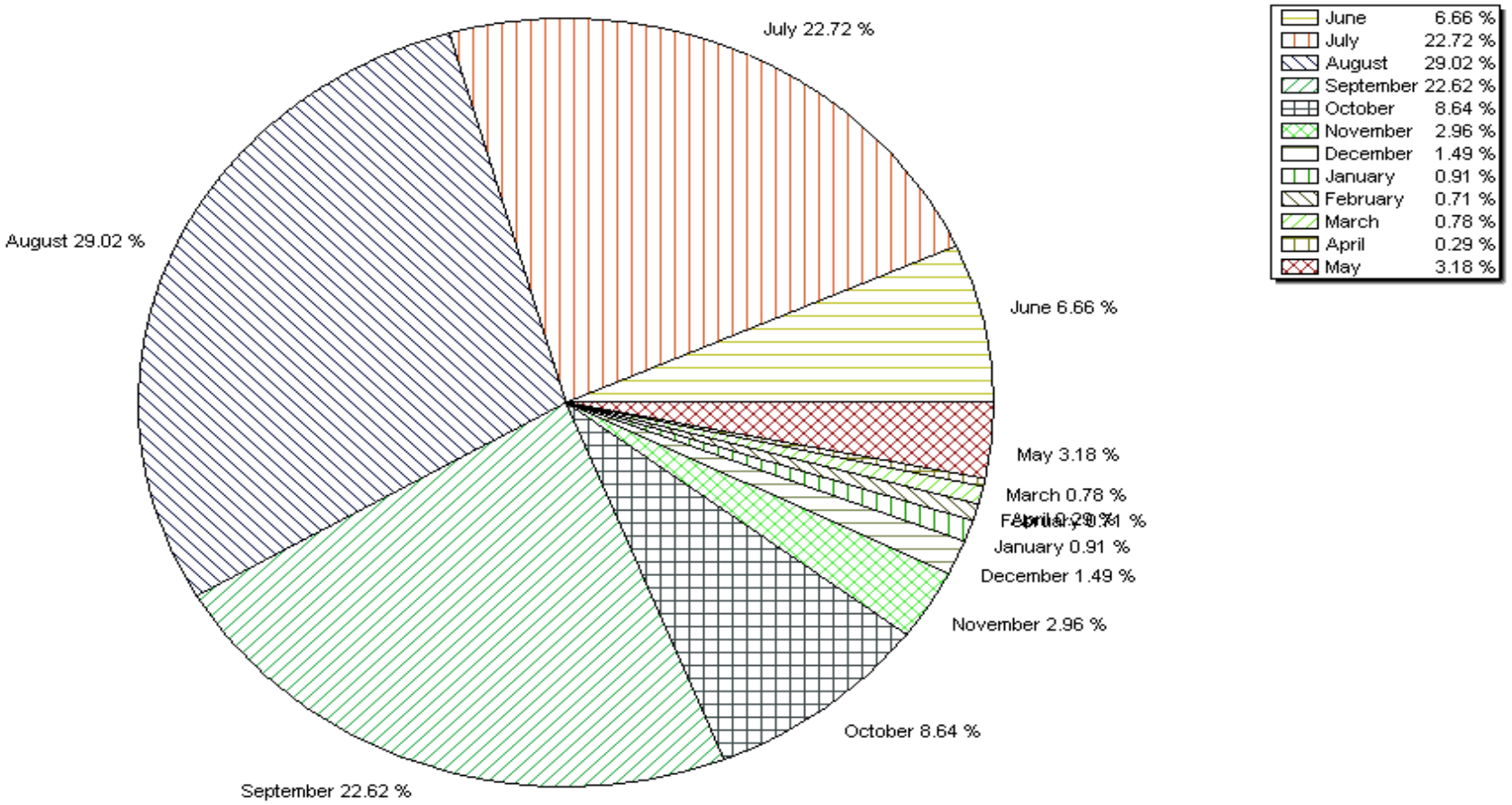
Station Name : Kudige (CC000Y5)
Local River : Cauvery

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Station N **ore**

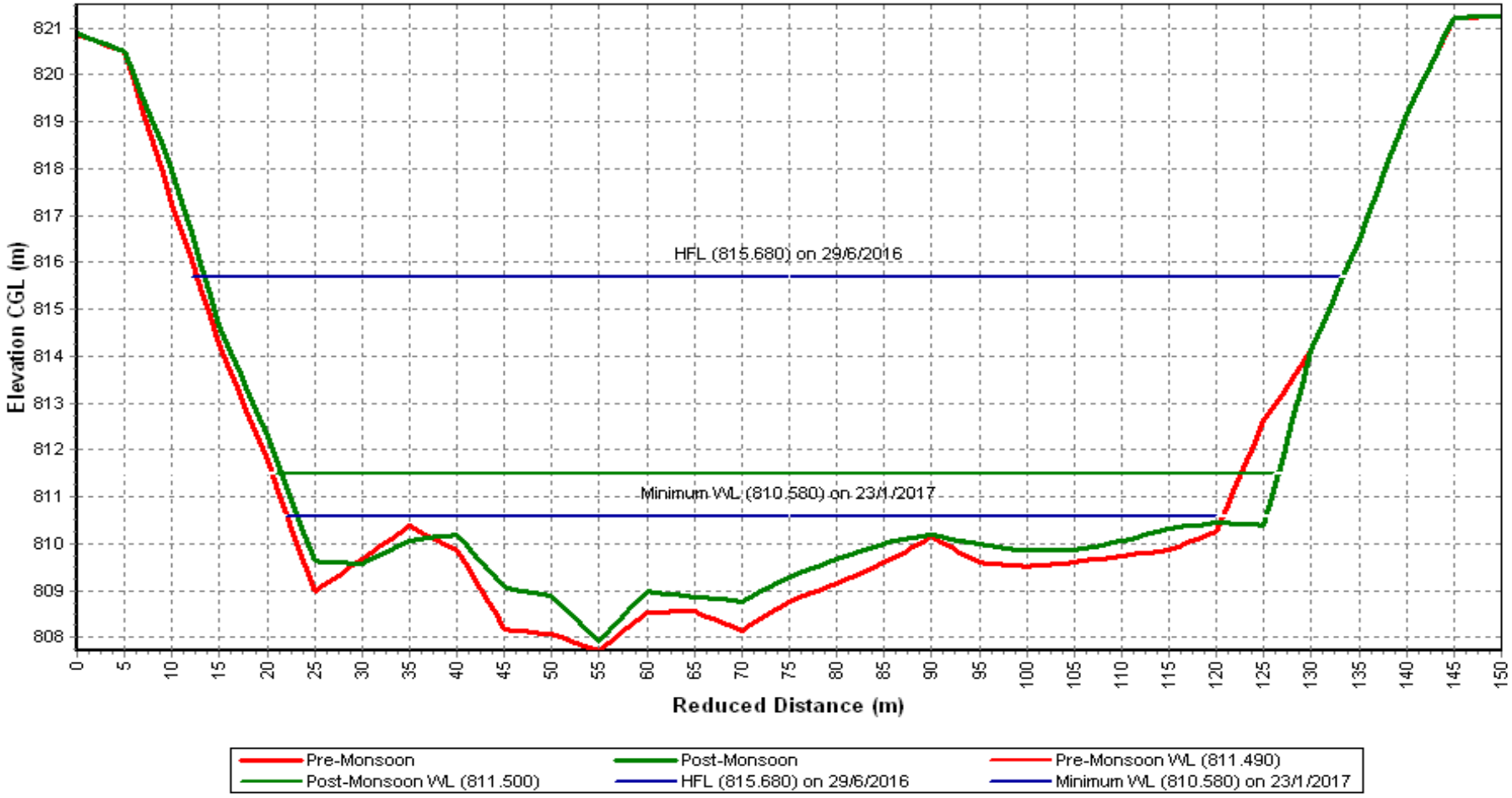
Local Riv **ore**



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2017-2018

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

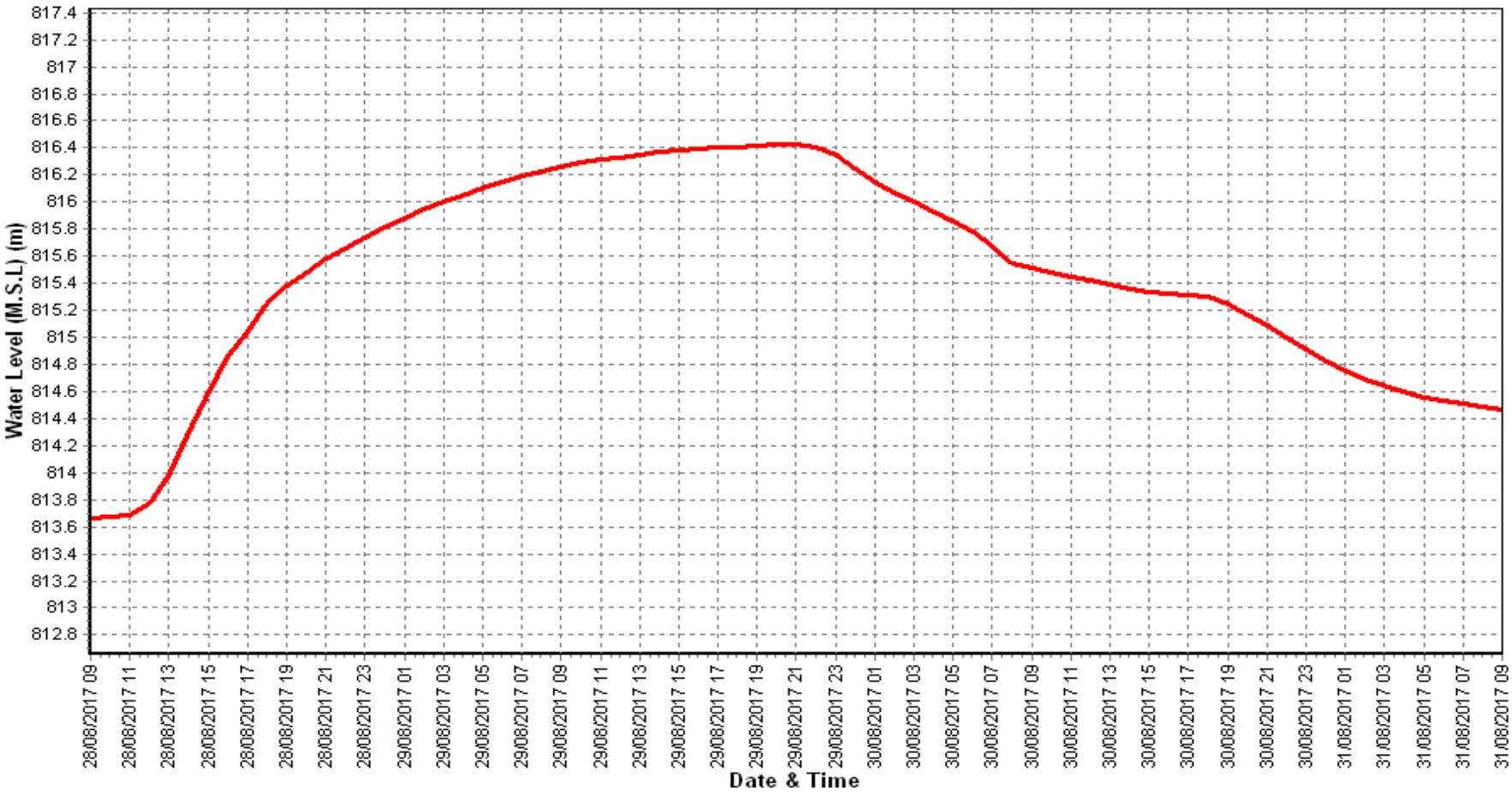
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2017-2018

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

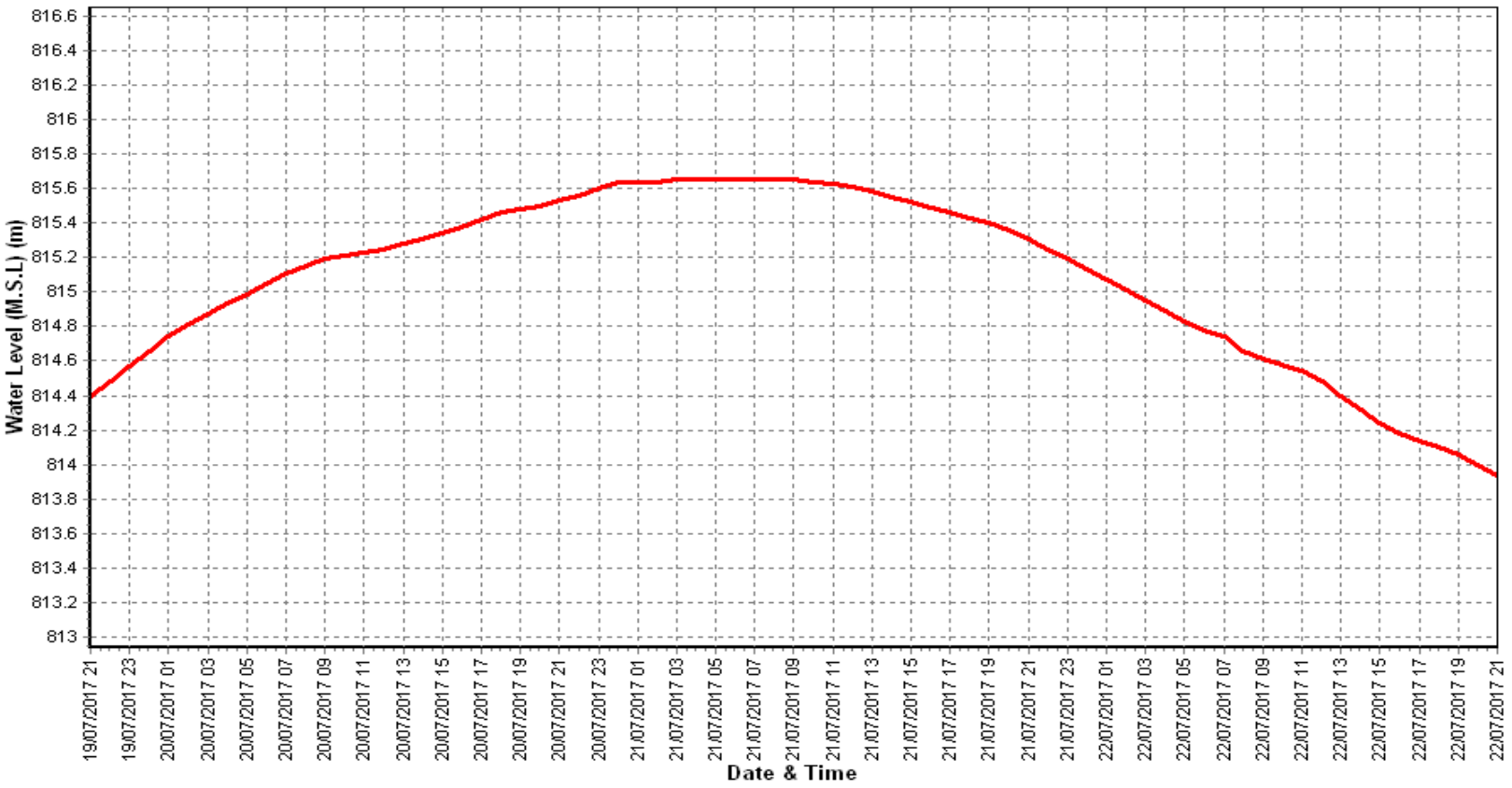


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2017-2018

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

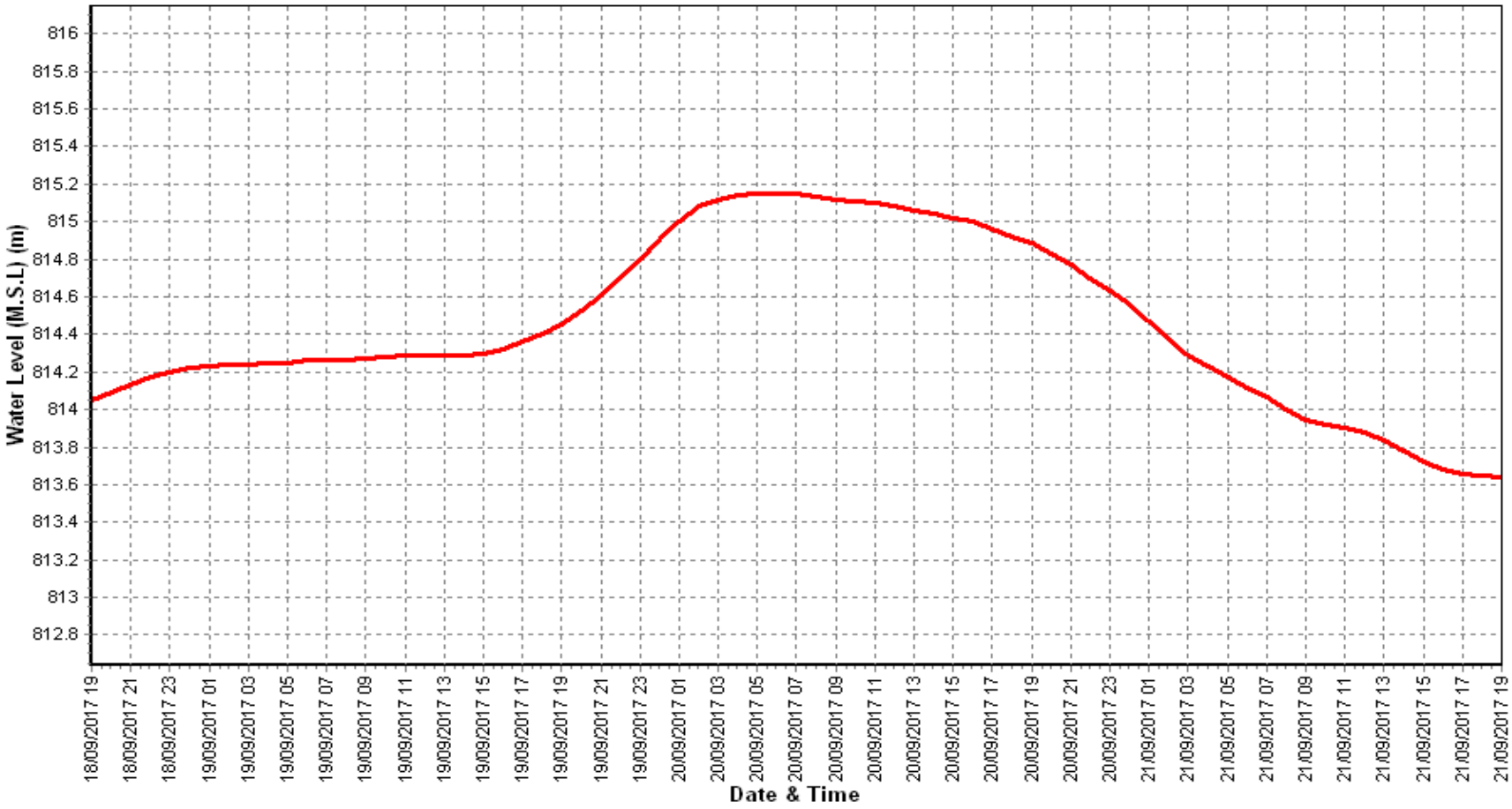


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2017-2018

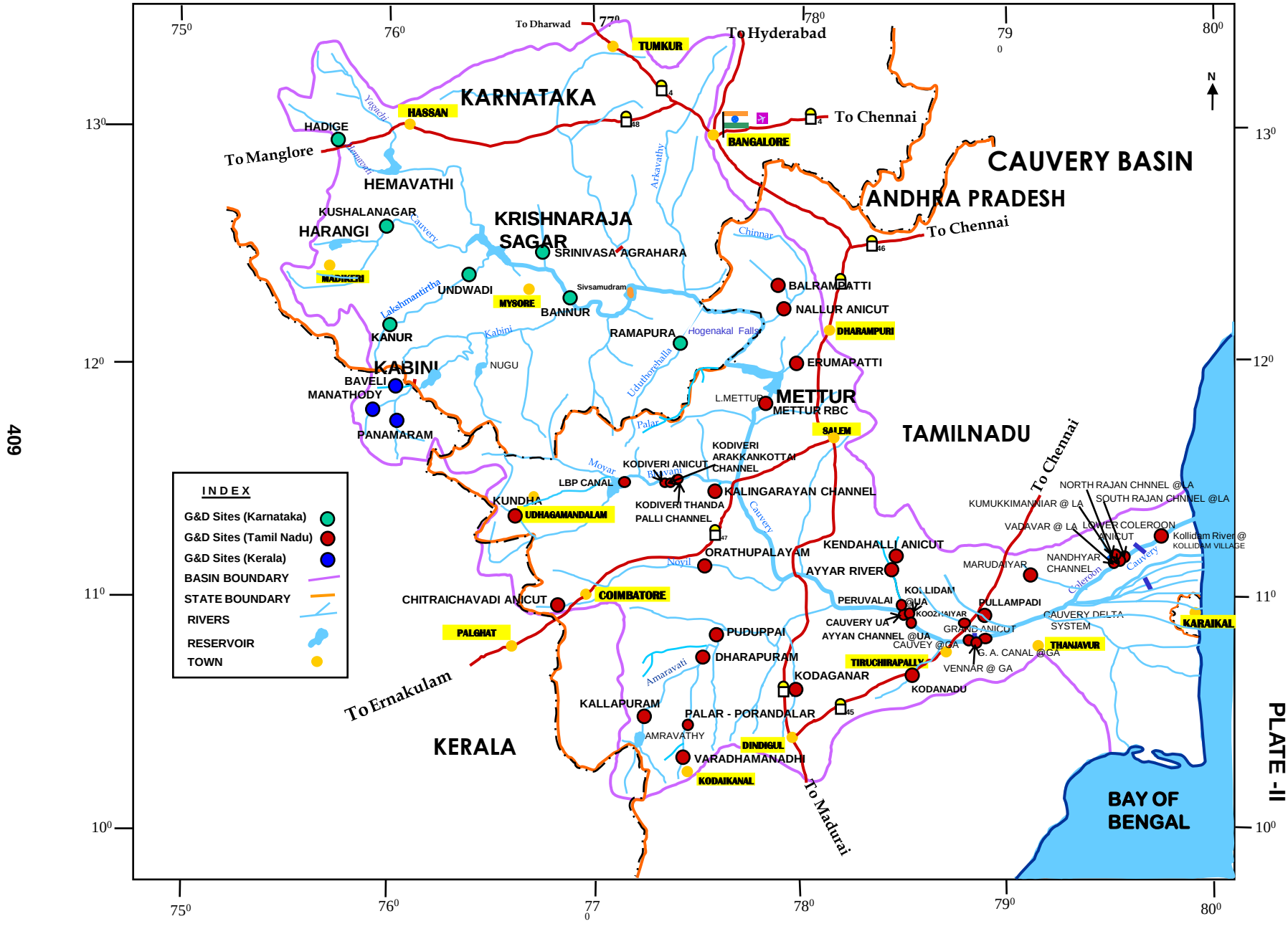
Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Time Span: 72 Hrs

BASIN MAP SHOWING STATE GOVT. G&D SITES IN CAUVERY BASIN



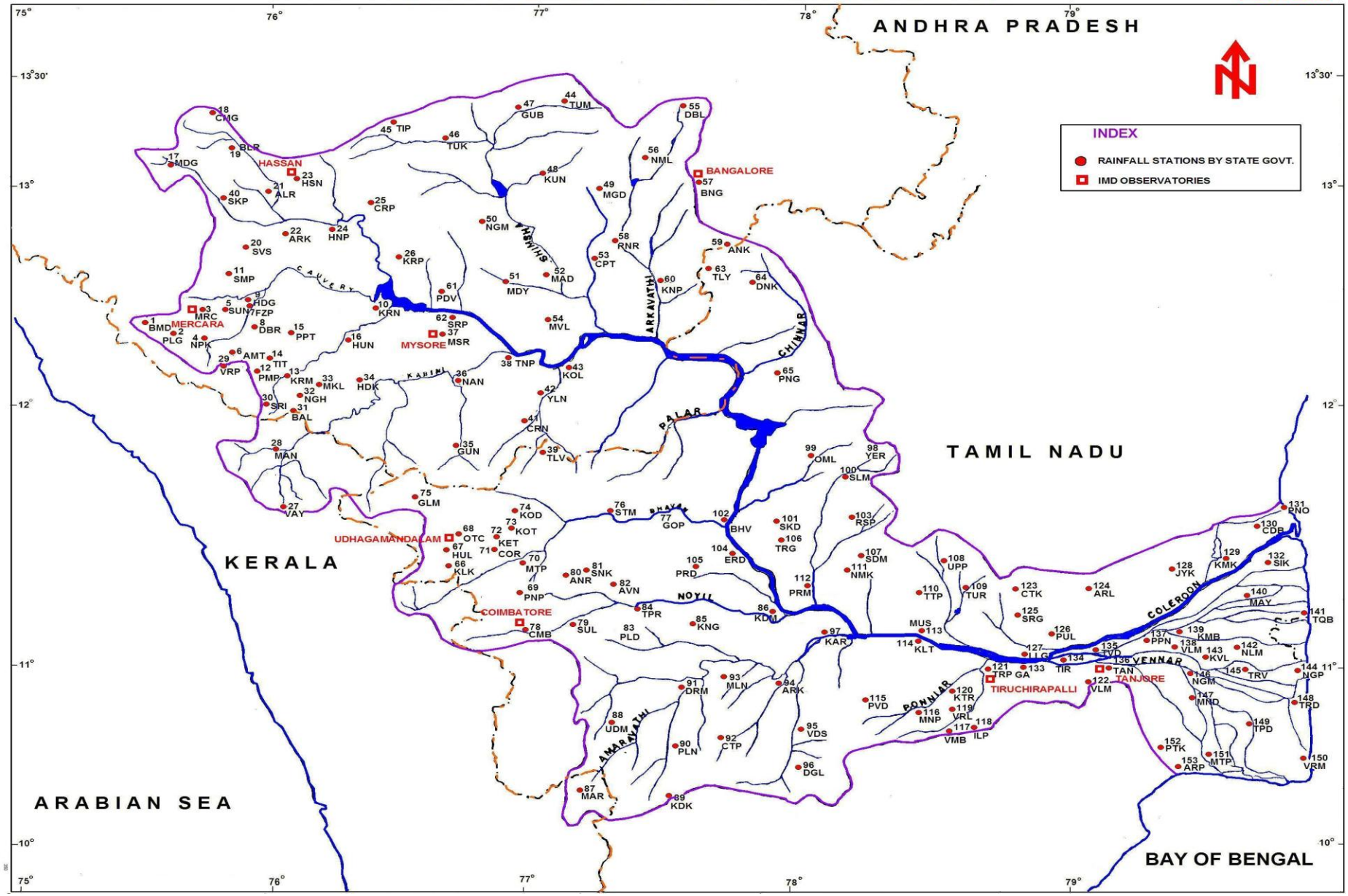
Annexure – III

List of G&D Stations in Cauvery Basin being operated by the Governments of Tamil Nadu, Karnataka & Kerala

TAMILNADU		KARNATAKA	KERALA
1. Kendahalli anicut	26. Peruvalai	1. Hadige	1. Manathody
2. Balrampatti	27. Pullampadi	2. Srinivasa Agrahara	2. Panamaram
3. Nallur Anicut	28. Vennar @ Grand Anicut	3. Undwadi	3. Baveli
4. Erumapatti	29. Marudaiyar	4. Kannor	4. Vzhavatta
5. Mettur RBC	30. Kumukkimanniar @ L.A	5. Bannur	5. Kakkavagal
6. Kallapuram	31. North Rajan channel @ L.A	6. Ramapura	6. Thondar
7. Chitraichavadi Anicut	32. South Rajan channel @ L.A	7. Kushal nagar	7. Marakkadavu
8. Varadhamanadhi	33. Vadavar @ L.A		8. Kelothkadave
9. Dharapuram	34. Kollidam River at Kollidam village		9. Muthanga
10. Puduppai	35. Kodaganar		10. Begur
11. Kalingarayan channel	36. Palar - Porandalar		11.Vythiri
12. Kodiveri Anicut			12. Chittoor(Attappady)
13. Kodiveri Arakkankottai Chanl			13. Kalkandiyur
14. Kodiveri Thandapalli Chanl			14. Kovilkkadave
15. LBP Canal			
16. Orathupalayam			
17. Kundha			
18. Ayyan channel @ UA			
19. Ayyar river			
20. Cauvery @ GA			
21. Cauvery UA			
22. G.A. Canal @ GA			
23. Kodanadu			
24. Kollidam @ UA			
25. Koozhaiyar			

BASIN MAP SHOWING STATE GOVT. RAINFALL STATIONS & IMD OBSERVATORIES IN CAUVERY BASIN

PLATE-III



ANNEXURE-IV

RAIN GAUGE STATIONS IN CAUVERY BASIN

Serial Number	Station	District	Latitude	Longitude	Abrivation.
1	2	3	4	5	6
1	Bhagamandala	Coorg	12-33	75-31	BMD
2	Pulingoth	Coorg	12-20	78-34	PLG
3	Mercara	Coorg	12-25	75-44	MRC
4	Napoklu	Coorg	12-18	75-41	NPK
5	Sunticoopa	Coorg	12-27	75-50	SUN
6	Ammathi	Coorg	12-14	75-51	AMT
7	Fraserpet	Coorg	12-27	75-58	FZP
8	Dubare	Coorg	12-22	75-55	DBR
9	Hudugur	Coorg	12-29	75-56	HDG
10	K.R.Nagar	Mysore	12-16	76-25	KRN
11	Somvarpet	Coorg	12-36	75-51	SMP
12	Poonampet	Coorg	12-09	75-56	PMP
13	Karmad	Coorg	12-07	76-04	KRM
14	Thitimati	Coorg	12-13	76-00	TIT
15	Periyapatna	Mysore	12-20	76-06	PPT
16	Hunsur	Mysore	12-18	76-08	HUN
17	Mudigere	Chikmagalur	13-20	75-46	MDG
18	Chikmagalur	Chikmagalur	13-20	75-46	CMG
19	Belur	Hassan	12-10	75-51	BLR
20	Sanivrasarthi	Coorg	12-49	75-54	SVS
21	Alur	Hassan	12-58	75-59	ALR
22	Arkalgud	Hassan	12-46	76-03	ARK
23	Hassan	Hassan	13-00	76-09	HSN
24	Holenarsipur	Hassan	12-47	76-14	HNP
25	Chanarayapatna	Hassan	12-54	76-23	CRP
26	K.R.Pet	Mandya	12-40	76-29	KRP
27	Vyathiri	Kozikode	11-33	76-02	VAY
28	Manonthody	Cannanoor	11-48	76-01	NAN
29	Virajpet	Coorg	12-11	75-48	VRP
30	Srimangala	Coorg	12-01	45-59	SRI
31	Balecove	Coorg	11-59	76-05	BAL
32	Nagarhole	Coorg	12-02	76-07	NGH
33	Murkhal	Coorg	12-06	76-10	MKL
34	H.D.Kote	Mysore	12-05	76-20	HDK
35	Gundelpet	Mysore	11-48	76-41	GUN
36	Nanjungud	Mysore	12-08	76-41	NAN
37	Mysore	Mysore	12-18	76-42	MSR
38	T.Narsipur	Mysore	11-30	76-30	TNP
39	Talavadi	Coimbatore	11-55	76-56	TLV
40	Sakleshpur	Hassan	12-57	75-47	SKP

Serial Number	Station	District	Latitude	Longitude	Abrivation
1	2	3	4	5	6
41	Chamarajnagar	Mysore	11-55	76-55	CRN
42	Yelandur	Mysore	12-03	77-02	YLN
43	Kollegal	Mysore	12-07	77-07	KLG
44	Tumkur	Tumkur	13-31	77-06	TUM
45	Tiptur	Tumkur	13-17	76-27	TIP
46	Thurvekere	Tumkur	13-10	76-40	TUK
47	Gubbi	Tumkur	13-19	76-56	GUB
48	Kunigal	Tumkur	13-01	77-01	KUN
49	Magadi	Bangalore	12-57	77-13	MGD
50	Nagamangala	Mandya	12-49	76-45	MGN
51	Mandya	Mandya	12-32	76-53	MDY
52	Maddur	Mandya	12-36	77-02	MAD
53	Chanapattana	Bangalore	12-33	77-12	CPT
54	Malvalli	Mandya	12-23	77-04	MVL
55	Dodbalallpura	Bangalore	13-17	77-33	DBL
56	Nelmangala	Bangalore	13-06	77-24	NML
57	Bangalore	Bangalore	12-58	77-35	BNG
58	Ramnagaram	Bangalore	12-43	77-17	RNR
59	Anekal	Bangalore	12-42	77-41	ANK
60	Kanakapura	Bangalore	12-33	77-25	KNP
61	Pandavapura	Mandya	12-30	76-40	PDV
62	Sringapatna	Mandya	12-25	76-41	SRP
63	Thally	Salem	12-35	77-39	TLY
64	Denkanikota	Salem	12-32	77-47	DNK
65	Pennagaram	Salem	12-08	77-44	PNG
66	Kailkundah	Niligiris	11-16	76-39	LK
67	Hullatty	Niligiris	11-23	76-39	HUl
68	Ootacamund	Niligiris	11-24	76-44	OTC
69	Perinayaickanpalayam	Coimbatore	11-00	76-57	PNP
70	Mettupalayam	Coimbatore	11-18	76-57	MTP
71	Conoor	Niligiris	11-21	76-48	COR
72	Ketty	Niligiris	11-23	76-46	KET
73	Kotagiri	Niligiris	11-35	76-30	KOT
74	Kodanad	Niligiris	11-30	76-55	KOD
75	Glenmorgan	Niligiris	11-35	76-30	GLM
76	Satayamangalam	Coimbatore	11-30	77-15	STM
77	Gopichettipalaym	Coimbatore	11-28	77-26	GOP
78	Coimbatore	Coimbatore	11-00	76-58	CMB
79	Salur	Coimbatore	11-02	77-08	SUL
80	Annur	Coimbatore	11-14	77-07	ANR
81	Sinnakallore	Coimbatore	11-15	77-11	SNK

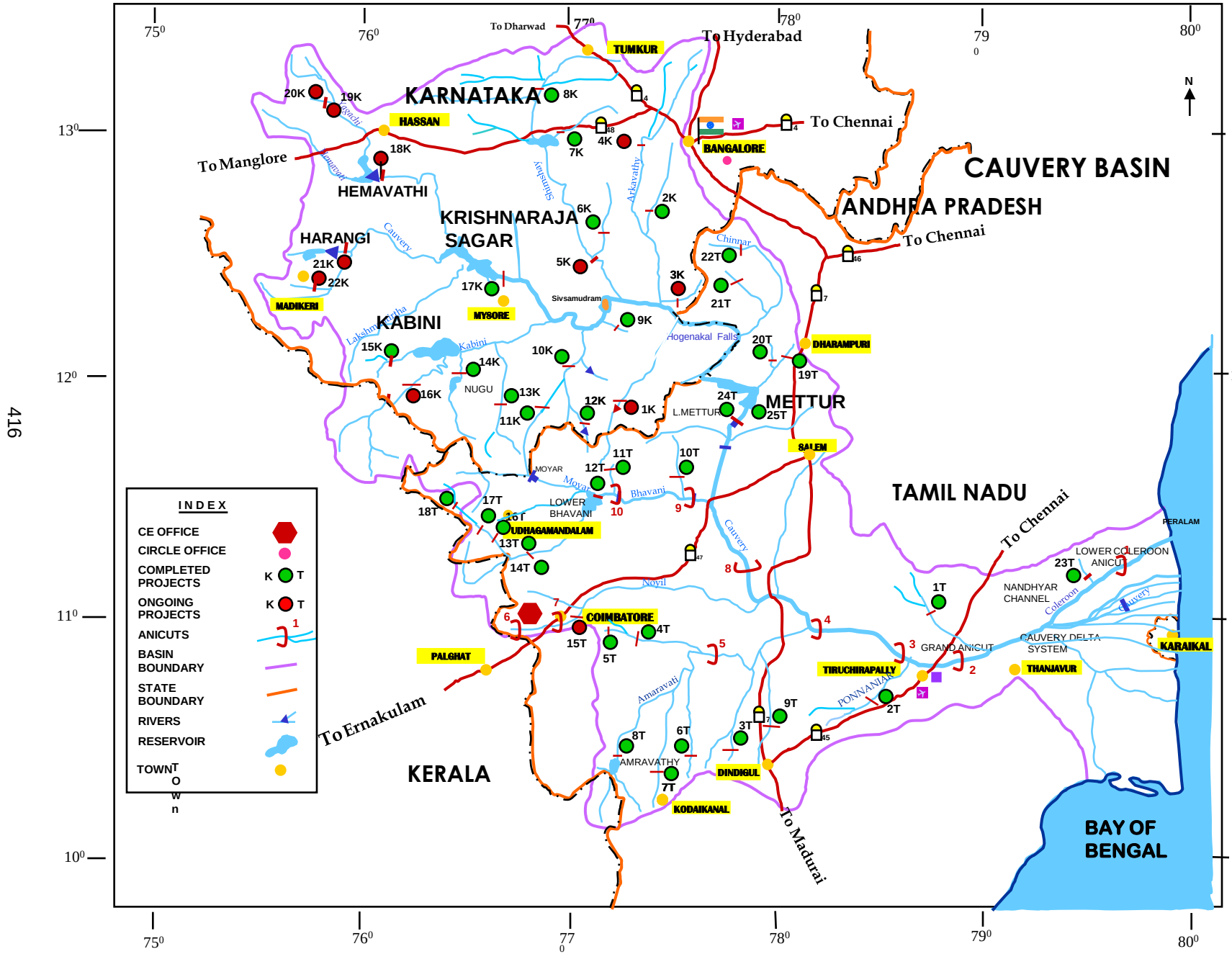
Serial Number	Station	District	Latitude	Longitude	Abrivation
1	2	3	4	5	6
82	Avanashi	Coimbatore	11-12	77-17	AVN
83	Palladam	Coimbatore	10-59	77-18	PLD
84	Thiruppur	Coimbatore	11-06	77-21	TPR
85	Kangayam	Coimbatore	11-00	77-34	KNG
86	Kodiumudi	Coimbatore	11-00	77-32	KDM
87	Marayur	Kottayam	10-16	77-00	MAR
88	Udamalpet	Coimbatore	10-35	77-15	UDM
89	Kodaikanl	Madurai	10-14	77-28	KDK
90	Palani	Madurai	10-27	77-31	PLN
91	Dharapuram	Coimbatore	10-44	77-32	DRM
92	Chatrapatti	Madurai	10-28	77-37	CTP
93	Mulanur	Coimbatore	10-47	77-42	MLN
94	Arvakuruchi	Tiruchirapalli	10-46	77-55	ARK
95	Vedasandur	Madurai	10-31	77-57	VDS
96	Dindigul	Madurai	10-21	77-58	DGL
97	Karur	Tirichirapalli	10-58	78-05	KAR
98	Yercaud	Salem	11-47	78-13	YER
99	Omalur	Salem	11-45	78-03	OML
100	Salem	Salem	11-39	78-10	SLM
101	Sankari	salem	11-28	77-52	SKD
102	Bhavani	Coimbatore	11-27	77-42	BHV
103	Rasipuram	Salem	11-27	78-11	RSP
104	Erode	Coimbatore	11-21	77-43	TRD
105	Perundurai	Coimbatore	11-17	77-55	PRD
106	Thiruchengoda	Salem	11-23	77-54	TRG
107	Sendamanagelam	Salem	11-17	78-14	SDM
108	Uppiliyapuram	Tiruchirapalli	11-16	78-31	UPP
109	Thuraiyur	Tiruchirapalli	11-09	78-36	TUR
110	Thathiangarpet	Tiruchirapalli	11-08	78-27	TTP
111	Namakal	Salem	11-13	78-10	NMK
112	Paramathi	Salem	11-10	78-02	PRM
113	Musiri	Tiruchirapalli	10-57	78-27	MUS
114	Kulittalai	Tiruchirapalli	10-45	78-25	KLT
115	Palaviduthi	Tiruchirapalli	10-38	78-15	PVD
116	Manapparai	Tiruchirapalli	10-36	78-25	MNP
117	Vembavur	Tiruchirapalli	10-29	78-34	VMB
118	Illuppur	Tiruchirapalli	10-31	78-37	ILP
119	Viralimalai	Tiruchirapalli	10-36	78-33	VRL
120	Kulattuir	Tiruchirapalli	10-42	78-33	KTR
121	Tiruchirapalli	Tiruchirapalli	10-46	78-43	TRP
122	Vallam	Tanjore	10-43	79-04	VLM
123	Chettikulam	Tiruchirapalli	11-09	78-48	CTK

Serial Number	Station	District	Latitude	Longitude	Abbrivation
1	2	3	4	5	6
124	Ariyalur	Tiruchirapalli	11-08	79-05	ARL
125	Siruganur	Tiruchirapalli	11-02	78-48	SRG
126	Palambadi	Tiruchirapalli	10-58	78-55	PUL
127	Lalgudi	Tiruchirapalli	10-52	78-50	LLG
128	Jayankondam	Tiruchirapalli	11-13	79-22	JYK
129	Kattumannarkoil	S.Arcot	11-17	79-33	KMK
130	Chidambaram	S.Arcot	11-24	79-42	CDB
131	Porto Novo	S.Arcot	11-30	79-45	PNO
132	Sirkali	Tanjore	11-15	79-44	SIK
133	Grand Anicut	Tanjore	10-50	78-50	GA
134	Tirukkattupalli	Tanjore	10-51	78-58	TIR
135	Tiruvadi	Tanjore	10-53	79-06	TVD
136	Tanjore	Tanjore	10-47	79-08	TAN
137	Papanasam	Tanjore	10-55	79-16	PPN
138	Valangiman	Tanjore	10-52	79-23	VLM
139	Kumbakonam	Tanjore	1058	79-22	KMB
140	Mayuram	Tanjore	11-06	79-39	MAY
141	Tranquebar	Tanjore	11-02	79-52	TQB
142	Nannilam	Tanjore	10-53	79-37	NLM
143	Kodavasal	Tanjore	10-51	79-29	KVL
144	Nagapattinam	Tanjore	10-46	79-51	NGP
145	Thiruvarur	Tanjore	10-46	79-39	TRV
146	Needamangalam	Tanjore	10-46	79-26	NGM
147	Mannargudi	Tanjore	10-40	79-27	MND
148	Tirupoondi	Tanjore	10-37	79-49	TRD
149	Tiruthuraipundi	Tanjore	10-32	79-39	TPD
150	Vedaranyam	Tanjore	10-22	79-58	VRM
151	Muthupet	Tanjore	10-24	79-30	MTP
152	Pattukottai	Tanjore	10-26	79-19	PTK
153	Adirampatnam	Tanjore	10-20	79-23	ARP

LIST OF THE OF THE IMD OBSERVATERIS IN CAUVERY BASIN

Serial Number	Station	District	Latitude	Longitude	Abbreviation
1	Bangalore	Bangalore	12-58	77-35	BNG
2	Hassan	Hassan	13-00	76-09	HSN
3	Mercara	Coorg	12-25	75-44	MRC
4	Mysore	Mysore	12-18	76-42	MSR
5	Ootacamund	Niligiris	11-24	76-44	OTC
6	Coimbatore	Coimbatore	11-00	76-58	CMB
7	Tiruchirapalli	Tiruchirapalli	10-46	78-43	TRP
8	Tanjore	Tanjore	10-47	79-08	TAN

DETAILS OF MAJOR AND MEDIUM IRRIGATION PROJECTS & ANICUTS IN CAUVERY BASIN



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PLATE - IV

ANNEXURE - V

DETAILS OF MAJOR AND MEDIUM IRRIGATION PROJECTS IN CAUVERY BASIN KARNATAKA

SL. NO.	Prj. No/	Name of the Project	River	Status	Storage Gross (Mm^3)	Capacity Live (Mm^3)
1	2	3	4	5	6	7
01	1K	Uduthorehalla	Uduthorehalla	On going	18.97	15.15
02.	2K	Byramangala	Swarnamukhi	Completed	22.14	21.95
03.	3K	Arkavathi	Arkavathi	On going	44.94	40.49
04.	4K	Manchanabele	Arkavathi	On going	34.60	30.04
05.	5K	Iggalur Barrage	Shimsha	On going	5.15	3.03
06.	6K	Kanva	Kanva	Completed	22.88	22.77
07.	7K	Mangala	Mangala	Completed	8.21	6.80
08.	8K	Marconahalli	Shimsha	Completed	67.96	64.00
09.	9K	Gundal	Gundal	Completed	27.44	23.22
10.	10K	Hebballa	Hebballa	Completed	11.98	10.79
11.	11K	Chikkahole	Chikkahole	Completed	10.64	10.53
12.	12K	Suvarnavathi	Suvarnavathi	Completed	35.65	35.60
13.	13K	Nallur Amnikere	Gundlu	Completed	6.54	5.89
14.	14K	Nugu	Nugu	Completed	154.00	138.55
15.	15K	Taraka	Taraka	Completed	111.57	90.75
16.	16K	Kabini	Kabini	On going	552.74	453.06
17.	17K	K.R.Sagara	Cauvery	Completed	1400.35	1275.69
18.	18K	Hemavathi	Hemavathi	On going	1050.62	1012.60
19.	19K	Votehole	Votehole	On going	42.76	38.68
20	20K	Yagachi	Yagachi	On going	101.97	92.57
21.	21K	Harangi	Harangi	On going	240.69	228.60
22	22K	Chiklihole	Chiklihole	On going	5.10	4.72

ANNEXURE – V

(Continued)

DETAILS OF MAJOR AND MEDIUM IRRIGATION PROJECTS IN CAUVERY BASIN

TAMILNADU

SL. NO	Prj. No/	Name of the Project	River	Status	Storage Gros	Capacity Live (Mm^3)
01.	1T	Uppar (Trichy Dist.)	Uppar	Completed	2.265	--
02	2T	Ponnaniar	Ponnaniar	Completed	3.40	--
03.	3T	Parappalar	Parappalar	Completed	5.60	--
04.	4T	Vattamalaikari Odai	Vattamalaikari	Completed	7.59	--
05.	5T	Uppar (Periyar Dist)	Uppar	Completed	16.31	14.92
06.	6T	Varadhamanadi	Varadhamanadi	Completed	3.06	--
07.	7T	Palar -Paramdalar	Palar -	Completed	--	43.19
08.	8T	Amaravathi	Amaravathi	Completed	114.6	112.37
09.	9T	Kodaganar	Amaravathi	Completed	--	12.30
10.	10T	Varattupallam	Varattupallam	Completed	3.94	--
11	11T	Gunderipallam	Gunderipallam	Completed	3.06	--
12	12T	Lower Bhavani	Bhavani	Completed	928.8	907.80
13	13T	Pillur	Bhavani	Completed	44.40	34.97
14	15T	Orathupalayam,	Noyal	On Going	--	17.45
15	16T	Avalanche &	Bhavani	Completed	156.2	152.80
16	17T	Emerald or	Bhavani	Completed	50.98	50.17
17	18T	Pykara	Bhavani	Completed	56.80	55.22
18	19T	Thoppiar	Thoppiar	Completed	8.456	--
19	20T	Nagavathi	Nagavathi	Completed	4.65	--
20	21T	Kesarigullihalla	Kesarigullihalla	Completed	3.80	--
21	22T	Chinnar	Chinnar	Completed	14.15	13.98
22	23T	Siddhamalli	Siddhamalli Odai	Completed	6.422	--
23	24T	Lower Mettur	Cauvery	Completed	--	--
		Projects I, II, III, IV				
24	25T	Mettur	Cauvery	Completed	2708.	2646.7

ANNEXURE – V
(Continued)

ANICUTS IN TAMILNADU

01.	Lower Colleron Anicut	Colleron	Completed
02.	Grand Anicut	Cauvery	Completed
03.	Upper Anicut	Cauvery	Completed
04.	Kattalai Regulator	Cauvery	Completed
05.	Pallipalayam Anicut	Cauvery	Completed
06.	Chitra Chavadi Anicut	Noyyal	Completed
07.	Kuntamathur Anicut	Noyyal	Completed
08.	Jedarapalayam Anicut	Cauvery	Completed
09.	Kalingarayan Anicut	Bhavani	Completed
10.	Kodivary Anicut	Bhavani	Completed

SOURCE:- "Storage in River Basin of India" a Central Water Commission Publication (1990)

(केवल कार्यालय उपयोग हेतु)
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वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2017 – मई 2018)
(JUNE 2017– MAY 2018)
कावेरी बेसिन
CAUVERY BASIN
निलंबित गाद आँकड़ा
Suspended Sediment Data



कावेरी एवं दक्षिणी नदियाँ परिमण्डल, बेंगलूरु
CAUVERY & SOUTHERN RIVERS CIRCLE, BENGALURU
कावेरी एवं दक्षिणी नदियाँ संगठन, कोयंबतूर
CAUVERY & SOUTHERN RIVERS ORGANISATION, COIMBATORE
मार्च – 2019
MARCH – 2019

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Annual Sediment Load for period : 2004-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2004-2005	3568	242	3810	118
2005-2006	5069	899	5968	196
2006-2007	1673	159	1833	151
2007-2008	1464	1255	2719	216
2008-2009	2971	2541	5513	229
2009-2010	3236	2378	5614	169
2010-2011	1755	1402	3157	156
2011-2012	1209	500	1709	136
2012-2013	1025	95	1120	38
2013-2014	367	373	740	58
2014-2015	778	222	1000	75
2015-2016	899	784	1682	117
2016-2017	14	29	43	6
2017-2018	292	153	445	36

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Thengudi (CCA31N6) | **Division : Hydrology Division, Chennai**

Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 445

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	8.239	0.000	0.000	0.010	0.010	7
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	14.48	0.000	0.000	0.013	0.013	16
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.48	0.000	0.000	0.037	0.037	55
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.89	0.000	0.000	0.004	0.004	6
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.07	0.000	0.000	0.002	0.002	4
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	26.90	0.000	0.000	0.013	0.013	31
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	19.93	0.000	0.000	0.023	0.023	40
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.93	0.000	0.000	0.014	0.014	20
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.47	0.000	0.000	0.009	0.009	10
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	8.609	0.000	0.000	0.006	0.006	4
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.941	0.000	0.000	0.004	0.004	1
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.360	0.000	0.000	0.027	0.027	8
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.012	0.000	0.000	0.015	0.015	3
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.688	0.000	0.000	0.016	0.016	2
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.906	0.000	0.000	0.021	0.021	2
16	0.000	0.000	0.000	0.000	0.000	0	0.167	0.000	0.000	0.001	0.001	0	1.667	0.000	0.000	0.030	0.030	4
17	0.000	0.000	0.000	0.000	0.000	0	0.070	0.000	0.000	0.009	0.009	0	2.056	0.000	0.000	0.016	0.016	3
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.451	0.000	0.000	0.006	0.006	1
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.722	0.000	0.000	0.003	0.003	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.451	0.000	0.000	0.019	0.019	1
21	0.000	0.000	0.000	0.000	0.000	0	0.323	0.000	0.000	0.006	0.006	0	0.395	0.000	0.000	0.016	0.016	1
22	0.000	0.000	0.000	0.000	0.000	0	1.889	0.000	0.000	0.005	0.005	1	0.357	0.000	0.000	0.015	0.015	0
23	0.000	0.000	0.000	0.000	0.000	0	4.046	0.000	0.000	0.004	0.004	2	0.243	0.000	0.000	0.010	0.010	0
24	0.000	0.000	0.000	0.000	0.000	0	7.212	0.000	0.000	0.004	0.004	3	0.159	0.000	0.000	0.006	0.006	0
25	0.000	0.000	0.000	0.000	0.000	0	6.892	0.000	0.000	0.004	0.004	3	0.140	0.000	0.000	0.006	0.006	0
26	0.000	0.000	0.000	0.000	0.000	0	4.455	0.000	0.000	0.004	0.004	2	0.300	0.000	0.000	0.012	0.012	0
27	0.000	0.000	0.000	0.000	0.000	0	2.923	0.000	0.000	0.005	0.005	1	1.511	0.000	0.000	0.062	0.062	8
28	0.000	0.000	0.000	0.000	0.000	0	1.566	0.000	0.000	0.005	0.005	1	2.590	0.000	0.000	0.025	0.025	6
29	0.000	0.000	0.000	0.000	0.000	0	1.176	0.000	0.000	0.007	0.007	1	6.112	0.000	0.000	0.032	0.032	17
30	0.000	0.000	0.000	0.000	0.000	0	0.678	0.000	0.000	0.010	0.010	1	10.44	0.000	0.000	0.031	0.031	28
31							1.927	0.000	0.000	0.010	0.010	2						
Ten Daily Mean																		
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	16.60	0.000	0.000	0.013	0.013	19
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.024	0.000	0.000	0.001	0.001	0	1.826	0.000	0.000	0.016	0.016	2
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	3.008	0.000	0.000	0.006	0.006	1	2.225	0.000	0.000	0.021	0.021	6
Monthly																		
Total						0						14						278

Annual Sediment Load (Metric Tonnes) : 445

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Thengudi (CCA31N6) **Division : Hydrology Division, Chennai**

Local River : Cauvery **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	16.66	0.000	0.000	0.020	0.020	28	0.319	0.000	0.000	0.009	0.009	0	0.331	0.000	0.000	0.017	0.017	0
2	20.86	0.000	0.000	0.004	0.004	7	0.392	0.000	0.000	0.048	0.048	2	0.489	0.000	0.000	0.018	0.018	1
3	24.65	0.000	0.000	0.006	0.006	12	0.431	0.000	0.000	0.031	0.031	1	0.265	0.000	0.000	0.017	0.017	0
4	27.66	0.000	0.000	0.008	0.008	18	0.338	0.000	0.000	0.036	0.036	1	0.141	0.000	0.000	0.009	0.009	0
5	27.52	0.000	0.000	0.008	0.008	18	0.258	0.000	0.000	0.001	0.001	0	0.088	0.000	0.000	0.006	0.006	0
6	17.13	0.000	0.000	0.009	0.009	13	0.299	0.000	0.000	0.019	0.019	0	0.060	0.000	0.000	0.004	0.004	0
7	11.59	0.000	0.000	0.010	0.010	10	0.150	0.000	0.000	0.112	0.112	1	0.043	0.000	0.000	0.003	0.003	0
8	4.708	0.000	0.000	0.009	0.009	4	0.270	0.000	0.000	0.037	0.037	1	0.049	0.000	0.000	0.003	0.003	0
9	2.584	0.000	0.000	0.009	0.009	2	0.496	0.000	0.000	0.037	0.037	2	0.035	0.000	0.000	0.002	0.002	0
10	1.493	0.000	0.000	0.002	0.002	0	0.480	0.000	0.000	0.014	0.014	1	0.034	0.000	0.000	0.002	0.002	0
11	1.628	0.000	0.000	0.019	0.019	3	1.112	0.000	0.000	0.018	0.018	2	0.000	0.000	0.000	0.000	0.000	0
12	1.225	0.000	0.000	0.026	0.026	3	1.797	0.000	0.000	0.012	0.012	2	0.000	0.000	0.000	0.000	0.000	0
13	0.867	0.000	0.000	0.030	0.030	2	1.574	0.000	0.000	0.012	0.012	2	0.000	0.000	0.000	0.000	0.000	0
14	0.855	0.000	0.000	0.029	0.029	2	1.067	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0
15	0.650	0.000	0.000	0.028	0.028	2	0.790	0.000	0.000	0.009	0.009	1	0.000	0.000	0.000	0.000	0.000	0
16	0.393	0.000	0.000	0.028	0.028	1	0.427	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	0.000	0.000	0
17	0.380	0.000	0.000	0.003	0.003	0	0.399	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	0.000	0.000	0
18	0.456	0.000	0.000	0.012	0.012	0	0.237	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
19	0.448	0.000	0.000	0.014	0.014	1	0.206	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
20	0.430	0.000	0.000	0.048	0.048	2	0.145	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
21	0.300	0.000	0.000	0.020	0.020	1	0.150	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
22	0.393	0.000	0.000	0.020	0.020	1	0.091	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
23	0.271	0.000	0.000	0.009	0.009	0	0.084	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
24	0.247	0.000	0.000	0.007	0.007	0	0.050	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
25	0.212	0.000	0.000	0.008	0.008	0	0.043	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
26	0.366	0.000	0.000	0.014	0.014	0	0.084	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
27	0.622	0.000	0.000	0.009	0.009	0	0.091	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
28	0.429	0.000	0.000	0.008	0.008	0	0.132	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
29	0.385	0.000	0.000	0.017	0.017	1	0.429	0.000	0.000	0.017	0.017	1						
30	0.305	0.000	0.000	0.038	0.038	1	0.572	0.000	0.000	0.018	0.018	1						
31	0.235	0.000	0.000	0.057	0.057	1	0.340	0.000	0.000	0.009	0.009	0						
Ten Daily Mean																		
Ten Daily	15.49	0.000	0.000	0.008	0.008	11	0.343	0.000	0.000	0.034	0.034	1	0.153	0.000	0.000	0.008	0.008	0
Ten Daily	0.733	0.000	0.000	0.024	0.024	2	0.775	0.000	0.000	0.009	0.009	1	0.000	0.000	0.000	0.000	0.000	0
Ten Daily	0.342	0.000	0.000	0.019	0.019	1	0.188	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						133						19						2

Annual Sediment Load (Metric Tonnes) : 445

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Thengudi (CCA31N6) | **Division : Hydrology Division, Chennai**

Local River : Cauvery | **Sub-Division : Cauvery Delta SD, Karaikkal**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31	0.000	0.000	0.000	0.000	0.000	0							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 445

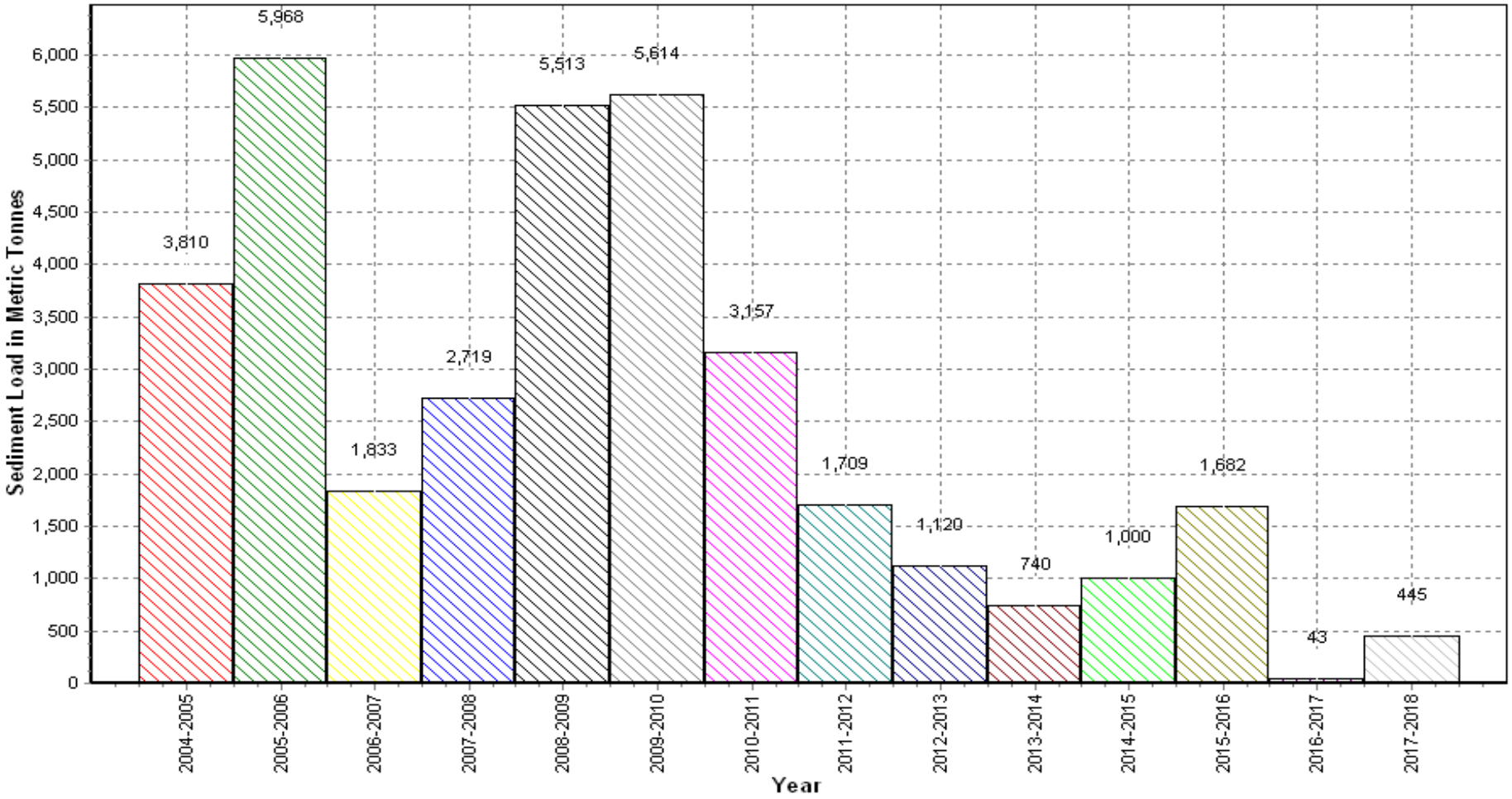
Annual Sediment Load for the period: 2004-2018

Station Name : Thengudi (CCA31N6)

Local River : Cauvery

Division : Hydrology Division, Chennai

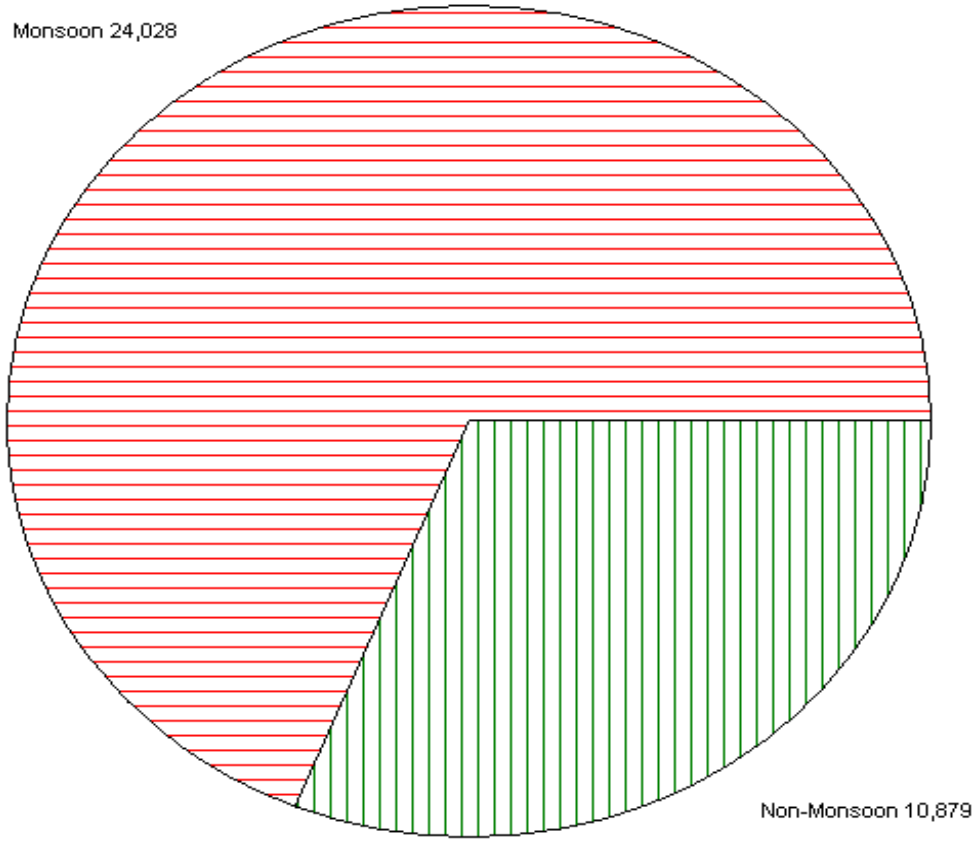
Sub-Division : Cauvery Delta SD, Karaikkal



Seasonal Sediment Load for the period : 2004-2017

Station Name : Thengudi (CCA31N6)
Local River : Cauvery

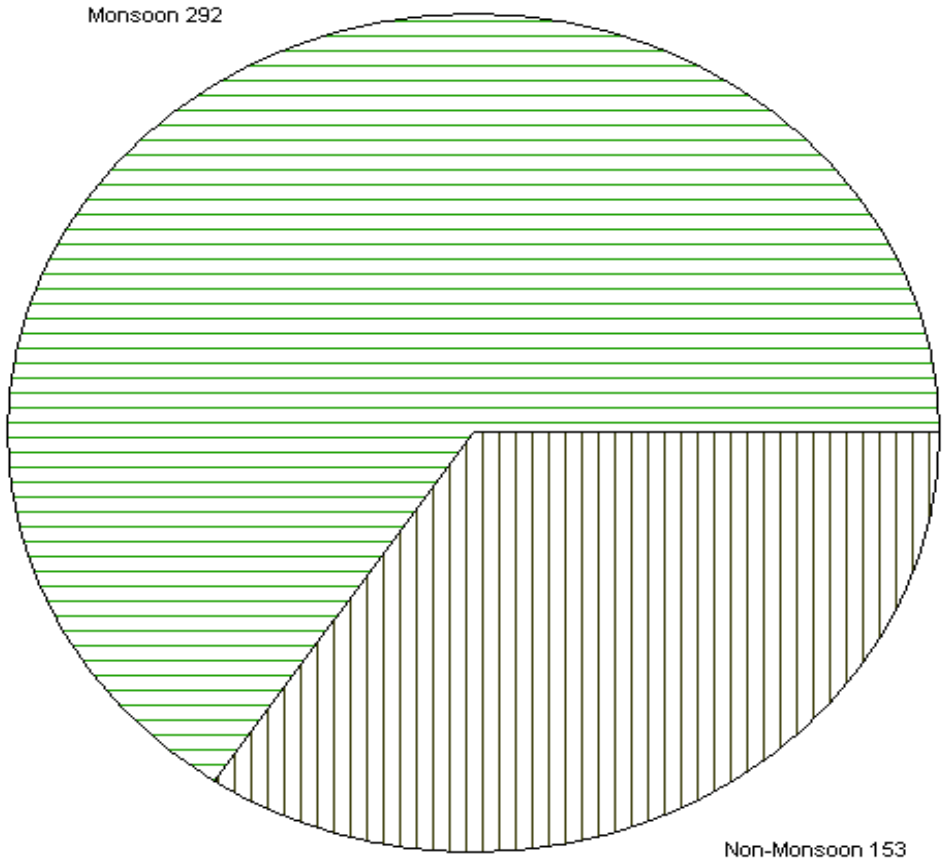
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikkal



Seasonal Sediment Load for the Year: 2017-2018

Station Name : Thengudi (CCA31N6)
Local River : Cauvery

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikkal



BED MATERIAL ANALYSIS DATA

RIVER : THIRUMALAIRAJANAR **CODE No. : CCA31N6**

SITE : THENGUDI **CROSS SECTION : SGL**

Sl.No.	Date of collection	DATA FOR SAMPLE COLLECTED												GENERAL DATA OF THE RIVER							
		R.D.(m)	Lab No.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	Bed Material Composition			WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	Bed Material Composition		
											MAX SIZE (mm)	Min. size(mm)	MEAN SIZE (mm						MAX SIZE (mm)	Min. size(mm)	MEAN SIZE (mm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	MONSOON 2017 28/09/2017																				
1	28-09-2017	20	24	5.000	5.920	6.860	0.940	9.40	-	-	16.0	0.060	1.61								
2	28-09-2017	32	25	5.000	5.750	6.860	1.110	19.40	-	-	23.0	0.060	1.31	Stagneted Water							
3	28-09-2017	42	26	5.000	5.610	6.860	1.250	29.40	-	-	16.0	0.060	1.73						23.00	0.060	1.550
	POST MONSOON 2017 22/12/2017																				
1	22/12/2017	20	64	5.000	5.915	6.135	0.22	3.80	-	-	8.0	0.060	1.29	29.545	0.373	0.036	0.00010	0.393	10.0	0.060	1.083
2	22/12/2017	32	65	5.000	5.735	6.135	0.40	13.80	-	-	10.0	0.060	0.95								
3	22/12/2017	42	66	5.000	5.625	6.135	0.51	23.80	-	-	8.0	0.060	1.01								
	PRE MONSOON 2018 8/05/2018																				
1	08-05-2018	20	87	5.000	5.950	-	-	-	-	-	11.0	0.060	0.69								
2	08-05-2018	32	88	5.000	5.750	-	-	-	-	-	10.0	0.060	0.71	River Bed Dry					11.0	0.060	0.677
3	08-05-2018	42	89	5.000	5.645	-	-	-	-	-	6.0	0.060	0.63								

Annual Sediment Load for period : 1973-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1973-1974	907720	55641	963361	11650
1974-1975	442845	43339	486184	8885
1975-1976	604524	49274	653798	13359
1976-1977	182434	61840	244274	3979
1977-1978	3399864	210641	3610505	14310
1978-1979	1676954	455996	2132950	14397
1979-1980	2055737	69634	2125371	13568
1980-1981	1064037	50818	1114855	13179
1981-1982	1188991	61478	1250469	12442
1982-1983	388850	37219	426069	6187
1983-1984	246673	101981	348654	5719
1984-1985	401417	69835	471252	8973
1985-1986	174798	24239	199037	4827
1986-1987	192144	30881	223025	4890
1987-1988	62969	63016	125985	2432
1988-1989	171821	23465	195286	5172
1989-1990	138397	89454	227851	4548
1990-1991	72645	13642	86287	3774
1991-1992	381621	35828	417449	7768
1992-1993	455657	42245	497902	10450
1993-1994	875212	80350	955562	7622
1994-1995	561469	78623	640092	12672
1995-1996	158563	43516	202079	6582
1996-1997	203097	126681	329778	6595
1997-1998	267785	122259	390044	9754
1998-1999	227294	51378	278672	8538
1999-2000	209120	72397	281517	7539
2000-2001	833079	90794	923873	9719
2001-2002	147902	48056	195958	5898
2002-2003	38989	18935	57924	2062
2003-2004	27821	14337	42158	1590
2004-2005	146208	71940	218148	4860
2005-2006	558850	110703	669553	12558
2006-2007	291602	34026	325628	9010
2007-2008	387284	87039	474322	12248
2008-2009	169592	37977	207569	9372
2009-2010	106925	21810	128735	6947
2010-2011	131921	47601	179522	5755
2011-2012	104947	33699	138646	8327

Annual Sediment Load for period : 1973-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

2012-2013	42990	8367	51357	2911
2013-2014	163350	13739	177089	5883
2014-2015	70319	24493	94812	4877
2015-2016	60898	28504	89402	4562
2016-2017	19973	20	19994	1056
2017-2018	15392	8118	23509	2196

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	54.59	0.005	0.002	0.019	0.026	123
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	111.8	0.006	0.002	0.000	0.008	77
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	151.3	0.003	0.001	0.000	0.004	52
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	124.5	0.005	0.002	0.000	0.007	72
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	38.41	0.004	0.003	0.000	0.007	23
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.54	0.005	0.004	0.000	0.009	10
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	11.42	0.005	0.004	0.000	0.009	9
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.303	0.001	0.001	0.000	0.002	1
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.725	0.001	0.002	0.004	0.007	2
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.531	0.002	0.003	0.000	0.005	2
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.944	0.002	0.003	0.001	0.006	1
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.809	0.003	0.002	0.002	0.007	1
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.614	0.000	0.000	0.007	0.007	1
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.494	0.000	0.000	0.007	0.007	1
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.154	0.000	0.000	0.003	0.003	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.827	0.000	0.000	0.008	0.008	1
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.818	0.000	0.000	0.008	0.008	1
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.642	0.000	0.000	0.005	0.005	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.426	0.000	0.000	0.002	0.002	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.270	0.000	0.000	0.002	0.002	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.268	0.000	0.000	0.001	0.001	0
31							0.000	0.000	0.000	0.000	0.000	0	0.233	0.000	0.000	0.003	0.003	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.459	0.001	0.000	0.002	0.003	12
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	46.56	0.003	0.002	0.000	0.006	25
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.869	0.000	0.000	0.004	0.005	0
Monthly																		
Total						0						0						377

Annual Sediment Load (Metric Tonnes) : 23509

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.222	0.000	0.000	0.001	0.001	0	8.323	0.000	0.000	0.000	0.000	0	80.21	0.009	0.002	0.002	0.013	90
2	0.213	0.000	0.000	0.002	0.002	0	6.741	0.000	0.000	0.009	0.009	5	119.6	0.002	0.001	0.002	0.005	52
3	0.195	0.000	0.000	0.002	0.002	0	6.870	0.000	0.000	0.003	0.003	2	74.68	0.002	0.001	0.002	0.005	32
4	0.202	0.000	0.000	0.002	0.002	0	6.658	0.000	0.000	0.012	0.012	7	70.96	0.002	0.001	0.004	0.007	45
5	0.302	0.000	0.000	0.001	0.001	0	359.3	0.002	0.002	0.000	0.004	124	54.06	0.001	0.003	0.015	0.018	85
6	1.158	0.000	0.000	0.001	0.001	0	565.0	0.001	0.002	0.018	0.021	1030	60.65	0.001	0.002	0.011	0.014	74
7	0.668	0.000	0.000	0.001	0.001	0	494.3	0.002	0.001	0.000	0.003	128	61.24	0.003	0.003	0.010	0.016	85
8	0.487	0.000	0.000	0.001	0.001	0	451.5	0.002	0.001	0.000	0.003	117	48.93	0.002	0.002	0.011	0.015	63
9	0.338	0.000	0.000	0.001	0.001	0	394.0	0.002	0.001	0.000	0.003	102	45.69	0.004	0.002	0.003	0.009	36
10	53.53	0.002	0.009	0.003	0.015	69	371.0	0.002	0.001	0.011	0.014	455	57.28	0.001	0.002	0.005	0.008	40
11	34.88	0.001	0.004	0.002	0.007	21	406.4	0.002	0.003	0.008	0.013	456	63.31	0.002	0.002	0.004	0.008	44
12	23.34	0.002	0.002	0.002	0.006	12	423.9	0.002	0.001	0.002	0.005	183	73.49	0.002	0.002	0.004	0.008	51
13	34.66	0.001	0.001	0.002	0.004	12	457.5	0.001	0.001	0.007	0.009	356	60.52	0.002	0.002	0.004	0.008	42
14	101.1	0.013	0.002	0.000	0.015	131	504.6	0.002	0.001	0.011	0.014	610	62.42	0.001	0.001	0.002	0.004	22
15	198.6	0.002	0.001	0.000	0.003	51	492.7	0.002	0.001	0.011	0.014	587	80.67	0.002	0.001	0.001	0.004	28
16	277.7	0.006	0.003	0.002	0.011	264	452.0	0.001	0.001	0.011	0.013	508	154.9	0.001	0.002	0.002	0.005	67
17	195.5	0.004	0.002	0.001	0.007	125	496.7	0.002	0.001	0.009	0.012	515	183.0	0.001	0.001	0.006	0.008	126
18	73.81	0.001	0.001	0.000	0.002	13	421.6	0.003	0.001	0.012	0.016	597	163.9	0.001	0.001	0.010	0.012	170
19	40.26	0.002	0.002	0.000	0.004	14	500.5	0.002	0.002	0.004	0.008	346	166.8	0.001	0.001	0.007	0.009	128
20	45.18	0.000	0.000	0.001	0.001	4	586.0	0.001	0.002	0.018	0.021	1063	166.7	0.001	0.001	0.007	0.009	130
21	39.16	0.000	0.000	0.003	0.003	10	523.9	0.002	0.001	0.006	0.009	407	164.3	0.003	0.001	0.007	0.011	156
22	31.95	0.000	0.000	0.003	0.003	8	535.6	0.002	0.001	0.008	0.011	523	160.9	0.001	0.001	0.001	0.003	42
23	32.32	0.000	0.000	0.003	0.003	8	416.3	0.001	0.002	0.013	0.016	576	140.6	0.002	0.001	0.003	0.006	73
24	28.42	0.000	0.000	0.002	0.002	5	395.5	0.005	0.002	0.005	0.012	410	143.8	0.002	0.002	0.007	0.011	137
25	34.32	0.000	0.000	0.002	0.002	6	389.9	0.002	0.002	0.005	0.009	303	145.6	0.002	0.001	0.004	0.007	88
26	30.36	0.000	0.000	0.002	0.002	5	388.3	0.001	0.000	0.007	0.008	268	126.4	0.002	0.001	0.002	0.005	49
27	11.03	0.000	0.000	0.002	0.002	2	372.9	0.001	0.002	0.017	0.020	644	157.3	0.002	0.002	0.007	0.011	150
28	8.656	0.000	0.000	0.008	0.008	6	390.8	0.002	0.002	0.009	0.013	439	176.8	0.002	0.001	0.008	0.011	168
29	7.666	0.000	0.000	0.007	0.007	5	392.7	0.002	0.002	0.009	0.013	444	181.3	0.002	0.002	0.009	0.013	204
30	8.561	0.000	0.000	0.008	0.008	6	269.9	0.004	0.002	0.004	0.010	233	154.6	0.004	0.003	0.010	0.017	227
31							272.0	0.002	0.001	0.001	0.004	94						
Ten Daily Mean																		
Ten Daily I	5.732	0.000	0.001	0.002	0.003	7	266.4	0.001	0.001	0.005	0.007	197	67.33	0.003	0.002	0.007	0.011	60
Ten Daily II	102.5	0.003	0.002	0.001	0.006	65	474.2	0.002	0.001	0.009	0.013	522	117.6	0.001	0.001	0.005	0.007	81
Ten Daily III	23.24	0.000	0.000	0.004	0.004	6	395.3	0.002	0.002	0.008	0.011	395	155.2	0.002	0.002	0.006	0.009	129
Monthly																		
Total						778						11535						2701

Annual Sediment Load (Metric Tonnes) : 23509

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	215.0	0.001	0.001	0.007	0.009	167	221.5	0.002	0.001	0.002	0.005	96	12.63	0.002	0.003	0.001	0.006	7
2	190.1	0.002	0.002	0.008	0.011	187	249.1	0.003	0.002	0.005	0.010	215	18.01	0.002	0.003	0.002	0.007	11
3	172.2	0.002	0.002	0.009	0.013	193	273.7	0.002	0.002	0.005	0.009	213	16.47	0.002	0.002	0.002	0.006	9
4	107.0	0.003	0.004	0.012	0.019	176	243.3	0.005	0.003	0.019	0.027	567	11.12	0.002	0.002	0.002	0.006	6
5	67.15	0.001	0.001	0.010	0.012	70	301.2	0.001	0.002	0.005	0.008	208	11.66	0.002	0.002	0.002	0.006	6
6	48.02	0.003	0.003	0.003	0.009	37	298.3	0.003	0.003	0.003	0.009	232	10.45	0.000	0.000	0.006	0.006	5
7	25.61	0.000	0.000	0.006	0.006	13	254.3	0.002	0.002	0.010	0.014	299	10.25	0.000	0.000	0.001	0.001	1
8	22.49	0.000	0.000	0.009	0.009	17	260.8	0.002	0.002	0.009	0.013	293	9.491	0.000	0.000	0.004	0.004	3
9	20.15	0.000	0.000	0.004	0.004	7	76.32	0.002	0.003	0.005	0.010	66	9.192	0.000	0.000	0.002	0.002	2
10	22.00	0.000	0.000	0.004	0.004	8	67.87	0.002	0.003	0.007	0.012	70	9.009	0.000	0.000	0.002	0.002	2
11	16.20	0.000	0.000	0.004	0.004	6	37.42	0.002	0.002	0.004	0.008	26	8.247	0.000	0.000	0.006	0.006	4
12	14.37	0.000	0.000	0.007	0.007	9	30.53	0.003	0.002	0.106	0.111	293	8.455	0.000	0.000	0.005	0.005	4
13	27.80	0.000	0.000	0.007	0.007	17	28.23	0.002	0.002	0.004	0.008	20	7.809	0.000	0.000	0.003	0.003	2
14	16.14	0.000	0.000	0.009	0.009	13	36.95	0.002	0.002	0.004	0.008	26	6.890	0.000	0.000	0.002	0.002	1
15	15.09	0.000	0.000	0.004	0.004	5	37.56	0.002	0.002	0.004	0.008	26	6.579	0.000	0.000	0.005	0.005	3
16	149.9	0.001	0.002	0.005	0.008	104	37.57	0.002	0.001	0.004	0.007	23	6.353	0.000	0.000	0.003	0.003	2
17	104.4	0.000	0.003	0.000	0.003	29	35.38	0.001	0.001	0.002	0.004	12	5.427	0.000	0.000	0.001	0.001	0
18	186.9	0.002	0.001	0.013	0.016	258	32.74	0.001	0.001	0.004	0.006	17	5.806	0.000	0.000	0.004	0.004	2
19	201.4	0.003	0.003	0.011	0.017	296	35.79	0.001	0.002	0.006	0.009	28	4.842	0.000	0.000	0.002	0.002	1
20	203.0	0.001	0.001	0.009	0.011	193	244.8	0.002	0.002	0.003	0.007	148	4.335	0.000	0.000	0.002	0.002	1
21	186.9	0.004	0.002	0.009	0.015	242	252.2	0.003	0.002	0.004	0.008	174	5.536	0.000	0.000	0.001	0.001	0
22	179.5	0.003	0.002	0.007	0.012	186	230.9	0.001	0.002	0.002	0.005	100	5.352	0.000	0.000	0.002	0.002	1
23	177.7	0.002	0.002	0.005	0.009	138	174.7	0.003	0.002	0.003	0.008	121	5.114	0.000	0.000	0.002	0.002	1
24	170.5	0.002	0.002	0.006	0.010	140	209.4	0.002	0.001	0.003	0.006	109	4.894	0.000	0.000	0.001	0.001	0
25	155.2	0.002	0.002	0.007	0.011	141	177.9	0.002	0.002	0.007	0.011	169	5.263	0.000	0.000	0.003	0.003	1
26	148.5	0.002	0.002	0.007	0.011	141	146.7	0.002	0.003	0.011	0.016	203	4.690	0.000	0.000	0.003	0.003	1
27	138.8	0.002	0.002	0.008	0.012	144	48.88	0.002	0.002	0.001	0.005	21	4.832	0.000	0.000	0.003	0.003	1
28	130.2	0.002	0.003	0.009	0.014	157	28.45	0.001	0.001	0.002	0.004	10	3.948	0.000	0.000	0.005	0.005	2
29	121.1	0.004	0.004	0.012	0.020	209	27.61	0.001	0.001	0.002	0.004	10						
30	136.6	0.003	0.002	0.014	0.019	224	22.22	0.002	0.001	0.002	0.005	10						
31	165.3	0.001	0.002	0.018	0.021	297	20.35	0.002	0.001	0.002	0.005	9						
Ten Daily Mean																		
Ten Daily I	88.97	0.001	0.001	0.007	0.010	88	224.6	0.002	0.002	0.007	0.012	226	11.83	0.001	0.001	0.002	0.005	5
Ten Daily II	93.52	0.001	0.001	0.007	0.009	93	55.70	0.002	0.002	0.014	0.018	62	6.474	0.000	0.000	0.003	0.003	2
Ten Daily III	155.5	0.002	0.002	0.009	0.014	184	121.7	0.002	0.002	0.004	0.007	85	4.954	0.000	0.000	0.003	0.003	1
Monthly																		
Total						3824						3811						79

Annual Sediment Load (Metric Tonnes) : 23509

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Musiri (CC000G4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	4.012	0.000	0.000	0.002	0.002	1	3.332	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
2	3.720	0.000	0.000	0.003	0.003	1	3.510	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
3	3.643	0.000	0.000	0.001	0.001	0	2.885	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
4	3.358	0.000	0.000	0.001	0.001	0	2.426	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
5	3.069	0.000	0.000	0.001	0.001	0	2.178	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0
6	2.752	0.000	0.000	0.002	0.002	0	1.954	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0
7	2.716	0.000	0.000	0.002	0.002	0	1.742	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0
8	2.596	0.000	0.000	0.003	0.003	1	1.483	0.000	0.000	0.004	0.004	0	0.000	0.000	0.000	0.000	0.000	0
9	2.489	0.000	0.000	0.005	0.005	1	1.218	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
10	2.418	0.000	0.000	0.002	0.002	0	0.903	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
11	2.211	0.000	0.000	0.002	0.002	0	0.733	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
12	2.170	0.000	0.000	0.002	0.002	0	0.453	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
13	1.903	0.000	0.000	0.002	0.002	0	0.396	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
14	1.832	0.000	0.000	0.004	0.004	1	0.474	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
15	2.406	0.000	0.000	0.007	0.007	1	0.365	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
16	2.104	0.000	0.000	0.004	0.004	1	0.299	0.000	0.000	0.003	0.003	0	40.67	0.003	0.003	0.007	0.013	46
17	2.045	0.000	0.000	0.003	0.003	1	0.301	0.000	0.000	0.003	0.003	0	55.25	0.002	0.003	0.004	0.009	43
18	1.882	0.000	0.000	0.003	0.003	0	0.269	0.000	0.000	0.003	0.003	0	55.01	0.002	0.002	0.015	0.019	90
19	1.630	0.000	0.000	0.003	0.003	0	0.215	0.000	0.000	0.003	0.003	0	36.19	0.002	0.003	0.014	0.019	59
20	2.279	0.000	0.000	0.003	0.003	1	0.248	0.000	0.000	0.003	0.003	0	18.22	0.000	0.000	0.004	0.004	7
21	2.521	0.000	0.000	0.006	0.006	1	0.311	0.000	0.000	0.003	0.003	0	15.16	0.000	0.000	0.002	0.002	3
22	12.79	0.000	0.000	0.013	0.013	14	0.000	0.000	0.000	0.000	0.000	0	9.012	0.000	0.000	0.002	0.002	2
23	43.05	0.000	0.000	0.006	0.006	22	0.000	0.000	0.000	0.000	0.000	0	4.726	0.000	0.000	0.002	0.002	1
24	30.52	0.003	0.003	0.008	0.014	37	0.000	0.000	0.000	0.000	0.000	0	6.976	0.000	0.000	0.006	0.006	4
25	11.24	0.000	0.000	0.006	0.007	7	0.000	0.000	0.000	0.000	0.000	0	9.925	0.000	0.000	0.005	0.005	4
26	8.498	0.000	0.000	0.006	0.006	4	0.000	0.000	0.000	0.000	0.000	0	10.75	0.000	0.000	0.003	0.003	3
27	11.23	0.000	0.000	0.008	0.008	8	0.000	0.000	0.000	0.000	0.000	0	5.364	0.000	0.000	0.005	0.005	2
28	17.08	0.000	0.000	0.010	0.010	15	0.000	0.000	0.000	0.000	0.000	0	4.747	0.000	0.000	0.005	0.005	2
29	11.24	0.000	0.000	0.006	0.006	6	0.000	0.000	0.000	0.000	0.000	0	4.360	0.000	0.000	0.005	0.005	2
30	9.762	0.000	0.000	0.005	0.005	4	0.000	0.000	0.000	0.000	0.000	0	2.992	0.000	0.000	0.001	0.001	0
31	5.243	0.000	0.000	0.002	0.002	1							2.784	0.000	0.000	0.001	0.001	0
Ten Daily Mean																		
Ten Daily I	3.077	0.000	0.000	0.002	0.002	1	2.163	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	2.046	0.000	0.000	0.003	0.003	1	0.375	0.000	0.000	0.002	0.002	0	20.53	0.001	0.001	0.004	0.006	25
Ten Daily III	14.83	0.000	0.000	0.007	0.008	11	0.031	0.000	0.000	0.000	0.000	0	6.982	0.000	0.000	0.003	0.003	2
Monthly																		
Total						131						5						268

Annual Sediment Load (Metric Tonnes) : 23509

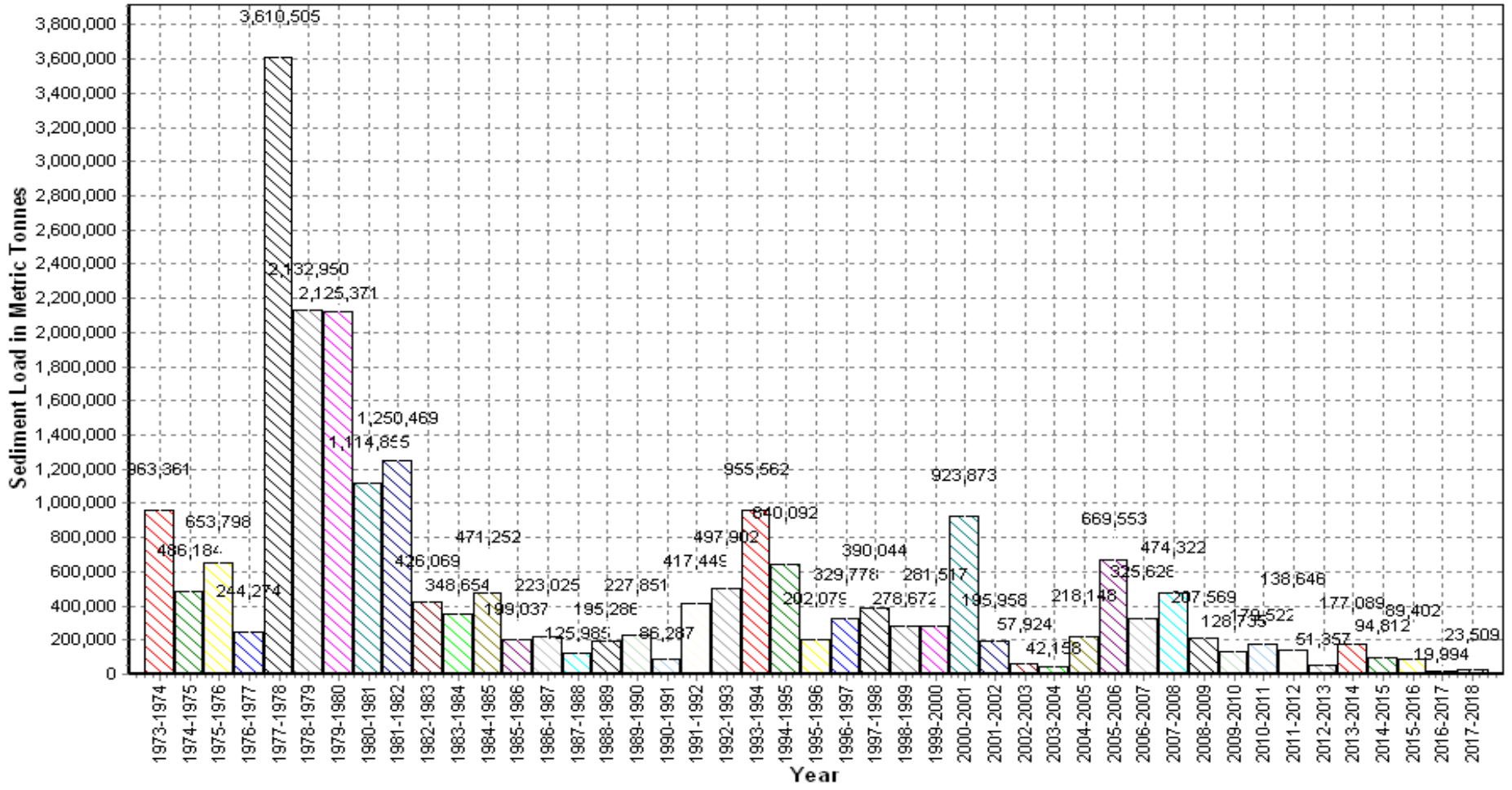
Annual Sediment Load for the period: 1973-2018

Station Name : Musiri (CC000G4)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



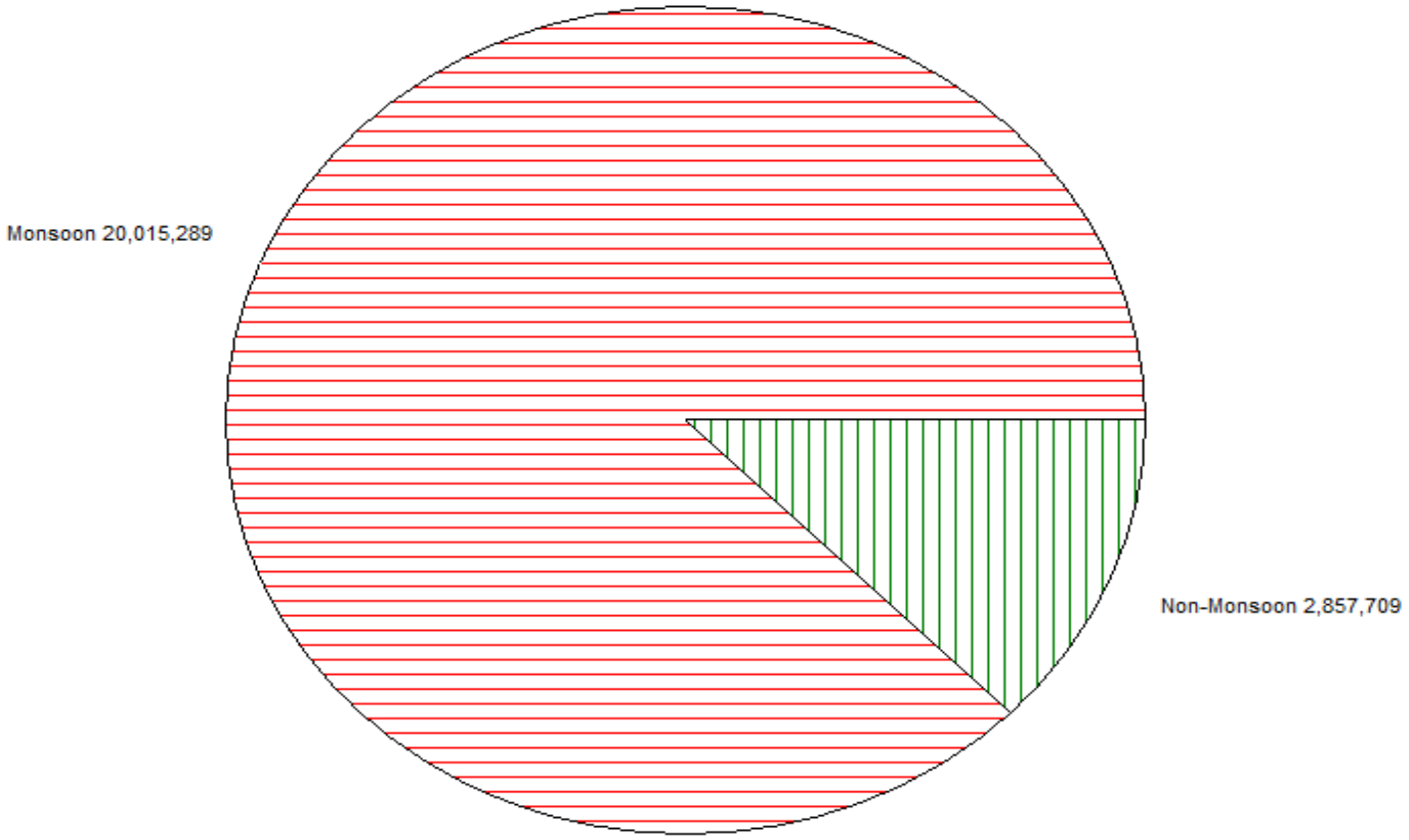
Seasonal Sediment Load for the period : 1973-2017

Station Name : Musiri (CC000G4)

Local River :

Division : SR Division, Coimbatore

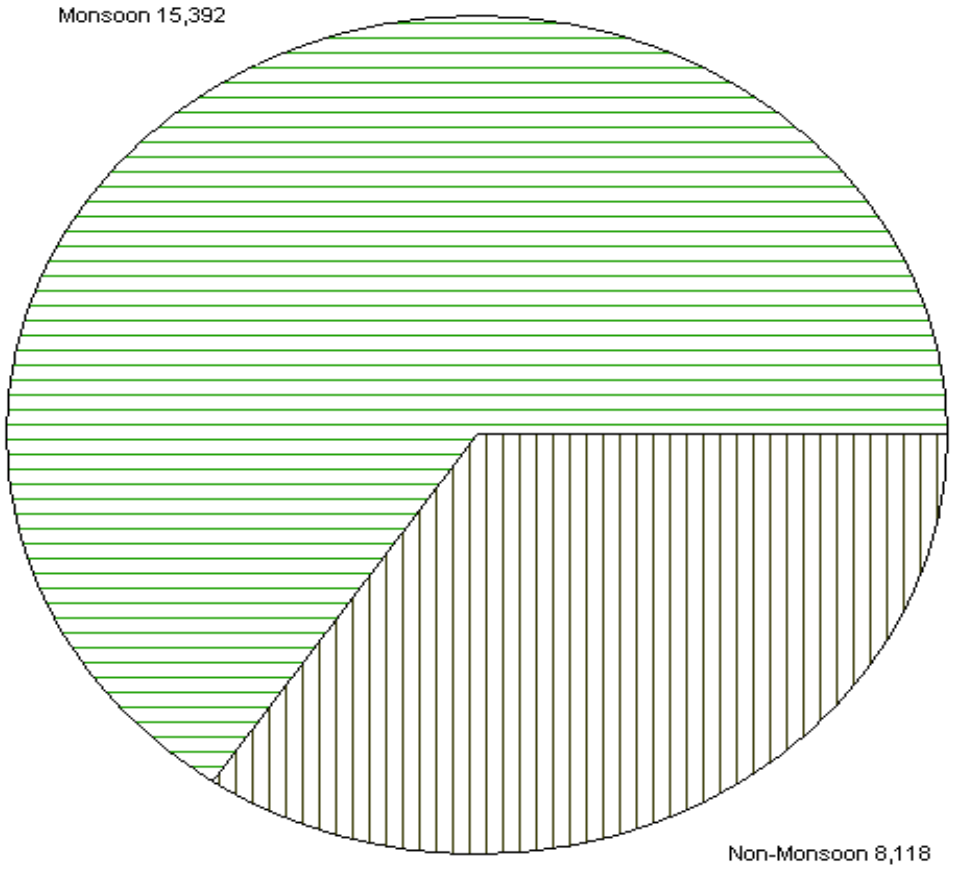
Sub-Division : Lower Cauvery SD, Trichi



Seasonal Sediment Load for the Year: 2017-2018

Station Name : Musiri (CC000G4)
Local River :

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : CAUVERY **CODE No. : CC000G4**

SITE : MUSIRI **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017						**DATE OF COLLECTION**					**21-11-2017**						
1	150	82.715	-	-	-				2.1	0.62							
2	300	81.615	-	-	-				7.0	0.88							
3	450	81.650	-	-	-				1.7	0.37							
4	600	-	80.845	81.265	0.420				9.0	1.45							
5	750	-	81.035	81.265	0.230			164.40	8.0	1.19	571.29	0.5189	0.5546	0.00016	164.40	18.0	0.99
6	900	-	81.025	81.265	0.240				7.0	0.73							
7	1050	-	80.745	81.265	0.520				11.0	0.85							
8	1200	82.015	-	-	-				18.0	1.82							
POST MONSOON 2018						**DATE OF COLLECTION**					**29-01-2018**						
1	150	82.795	-	-	-				3.0	0.60							
2	300	81.590	-	-	-				7.0	1.00							
3	450	81.025	-	-	-				15.0	1.07							
4	600	-	80.580	80.840	0.260	276	0.261	27.57	9.0	0.74	276.2	0.2486	0.4015	0.00016	27.57	18.0	0.94
5	750	81.050	-	-	-				8.0	0.71							
6	900	81.065	-	-	-				7.0	0.83							
7	1050	80.750	-	-	-				4.0	0.50							
8	1200	82.015	-	-	-				18.0	2.07							
PRE MONSOON 2018						**DATE OF COLLECTION**					**08-05-2018**						
1	150	82.650							4.0	0.70							
2	300	81.595							7.0	1.02							
3	450	80.145							14.0	0.92							
4	600	80.750							4.0	0.63							
5	750	81.185							8.0	1.00							
6	900	81.100							11.0	0.96							
7	1050	81.355							4.0	0.47							
8	1200	82.029							22.0	2.00						22.0	0.96

Stagnant water

Stagnant water

Annual Sediment Load for period : 1980-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1980-1981	52958	508	53466	159
1981-1982	90403	3928	94331	324
1982-1983	2161	97	2258	33
1983-1984	25300	97690	122990	276
1984-1985	32753	4952	37705	111
1985-1986	23785	1012	24797	42
1986-1987	17719	15	17734	68
1987-1988	8109	27451	35560	173
1988-1989	1863	9	1872	52
1989-1990	44306	55558	99864	271
1990-1991	11747	1815	13562	47
1991-1992	1852	20	1872	32
1992-1993	127117	2885	130002	326
1993-1994	127849	47580	175429	1760
1994-1995	73351	4379	77730	491
1995-1996	2027	1	2028	54
1996-1997	12525	31988	44513	308
1997-1998	80666	28699	109365	736
1998-1999	35661	32360	68021	514
1999-2000	24762	6330	31092	324
2000-2001	4699	1546	6245	140
2001-2002	504	45	549	33
2002-2003	1729	32	1761	32
2003-2004	345	138	483	14
2004-2005	10881	69	10950	162
2005-2006	31366	26660	58026	975
2006-2007	689	138	827	48
2007-2008	16252	282442	298694	460
2008-2009	15290	1358	16648	228
2009-2010	6434	243	6677	163
2010-2011	178	343	521	288
2011-2012	5118	3664	8782	189
2012-2013	56	0	56	6
2013-2014	117	0	117	39
2014-2015	18410	222	18632	150
2015-2016	289	23459	23748	358
2016-2017	407	0	407	8
2017-2018	5693	169	5863	37

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.143	0.000	0.000	0.049	0.049	5
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.117	0.000	0.000	0.047	0.047	13
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.382	0.000	0.000	0.049	0.049	6
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.387	0.000	0.000	0.049	0.049	2
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							16.57	0.000	0.000	0.037	0.037	53						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.564	0.000	0.000	0.014	0.014	2
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.039	0.000	0.000	0.005	0.005	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	1.507	0.000	0.000	0.003	0.003	5	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						53						25

Annual Sediment Load (Metric Tonnes) : 5863

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.870	0.000	0.000	0.002	0.002	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.69	0.000	0.000	0.005	0.005	7
3	78.02	0.000	0.000	0.491	0.491	3309	0.000	0.000	0.000	0.000	0.000	0	4.077	0.000	0.000	0.011	0.011	4
4	4.774	0.000	0.000	0.267	0.267	110	0.000	0.000	0.000	0.000	0.000	0	1.934	0.000	0.000	0.012	0.012	2
5	27.02	0.000	0.000	0.335	0.335	782	0.000	0.000	0.000	0.000	0.000	0	1.152	0.000	0.000	0.013	0.013	1
6	3.906	0.000	0.000	0.178	0.178	60	0.000	0.000	0.000	0.000	0.000	0	0.987	0.000	0.000	0.013	0.013	1
7	1.968	0.000	0.000	0.136	0.136	23	19.89	0.000	0.000	0.276	0.276	475	0.000	0.000	0.000	0.000	0.000	0
8	0.807	0.000	0.000	0.124	0.124	9	9.214	0.000	0.000	0.220	0.220	175	0.000	0.000	0.000	0.000	0.000	0
9	4.052	0.000	0.000	0.198	0.198	69	0.837	0.000	0.000	0.292	0.292	21	0.000	0.000	0.000	0.000	0.000	0
10	1.124	0.000	0.000	0.111	0.111	11	1.375	0.000	0.000	0.178	0.178	21	0.000	0.000	0.000	0.000	0.000	0
11	0.403	0.000	0.000	0.099	0.099	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	1.843	0.000	0.000	0.281	0.281	45	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.441	0.000	0.000	0.110	0.110	4	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	10.43	0.000	0.000	0.300	0.300	270	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	2.096	0.000	0.000	0.188	0.188	34	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.414	0.000	0.000	0.107	0.107	4	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.566	0.000	0.000	0.029	0.029	6
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.335	0.000	0.000	0.014	0.014	2
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.526	0.000	0.000	0.026	0.026	3
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	26.06	0.000	0.000	0.010	0.010	23
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.46	0.000	0.000	0.005	0.005	7
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	9.887	0.000	0.000	0.033	0.033	28
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.068	0.000	0.000	0.013	0.013	5
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	9.611	0.000	0.000	0.036	0.036	30
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.652	0.000	0.000	0.015	0.015	7
29	0.000	0.000	0.000	0.000	0.000	0	4.556	0.000	0.000	0.023	0.023	9	1.332	0.000	0.000	0.026	0.026	3
30	0.000	0.000	0.000	0.000	0.000	0	10.24	0.000	0.000	0.033	0.033	29	3.558	0.000	0.000	0.061	0.061	19
31							2.146	0.000	0.000	0.018	0.018	3						
Ten Daily Mean																		
Ten Daily I	12.17	0.000	0.000	0.184	0.184	437	3.131	0.000	0.000	0.097	0.097	69	2.571	0.000	0.000	0.006	0.006	2
Ten Daily II	0.040	0.000	0.000	0.010	0.010	0	1.522	0.000	0.000	0.099	0.099	36	0.257	0.000	0.000	0.003	0.003	1
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	1.540	0.000	0.000	0.007	0.007	4	7.949	0.000	0.000	0.024	0.024	13
Monthly																		
Total						4377						1090						148

441

Annual Sediment Load (Metric Tonnes) : 5863

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	4.588	0.000	0.000	0.038	0.038	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	8.593	0.000	0.000	0.025	0.025	18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	31.13	0.000	0.000	0.003	0.003	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	21.03	0.000	0.000	0.013	0.013	24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	6.942	0.000	0.000	0.014	0.014	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	5.112	0.000	0.000	0.013	0.013	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	2.862	0.000	0.000	0.016	0.016	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	1.003	0.000	0.000	0.019	0.019	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	3.049	0.000	0.000	0.014	0.014	4	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	2.572	0.000	0.000	0.023	0.023	5	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	1.121	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.658	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	9.543	0.000	0.000	0.023	0.023	19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	2.699	0.000	0.000	0.016	0.016	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.900	0.000	0.000	0.072	0.072	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	8.190	0.000	0.000	0.031	0.031	22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	4.964	0.000	0.000	0.049	0.049	21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.491	0.000	0.000	0.074	0.074	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
31	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	8.126	0.000	0.000	0.014	0.014	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.954	0.000	0.000	0.002	0.002	2	0.740	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	1.568	0.000	0.000	0.022	0.022	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						160						9						0

Annual Sediment Load (Metric Tonnes) : 5863

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

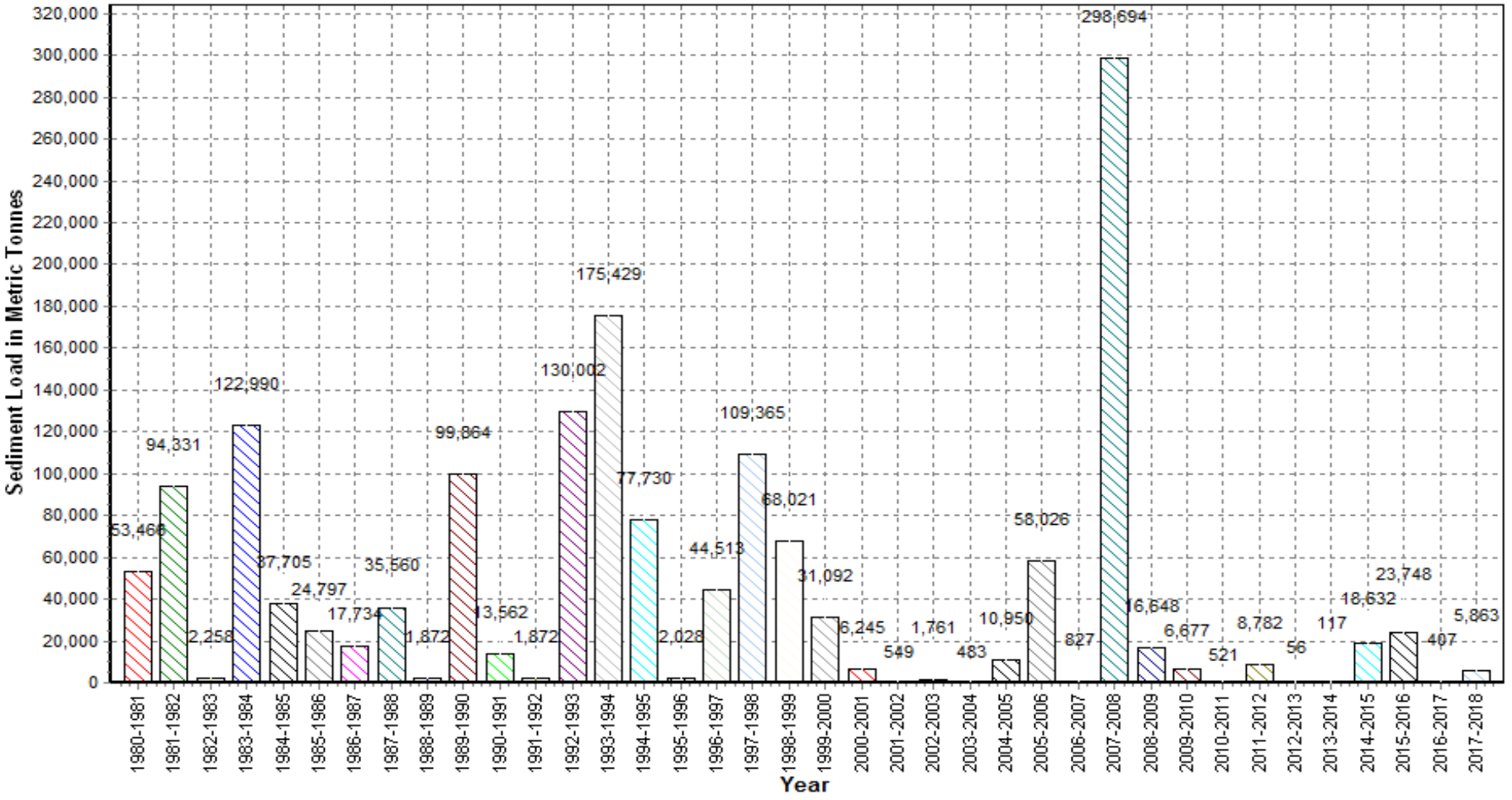
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31	0.000	0.000	0.000	0.000	0.000	0							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 5863

Annual Sediment Load for the period: 1980-2018

Station Name : Nallamaranpatty (CCD00D5) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**



Seasonal Sediment Load for the period : 1980-2017

Station Name : Nallamaranpatty (CCD00D5)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



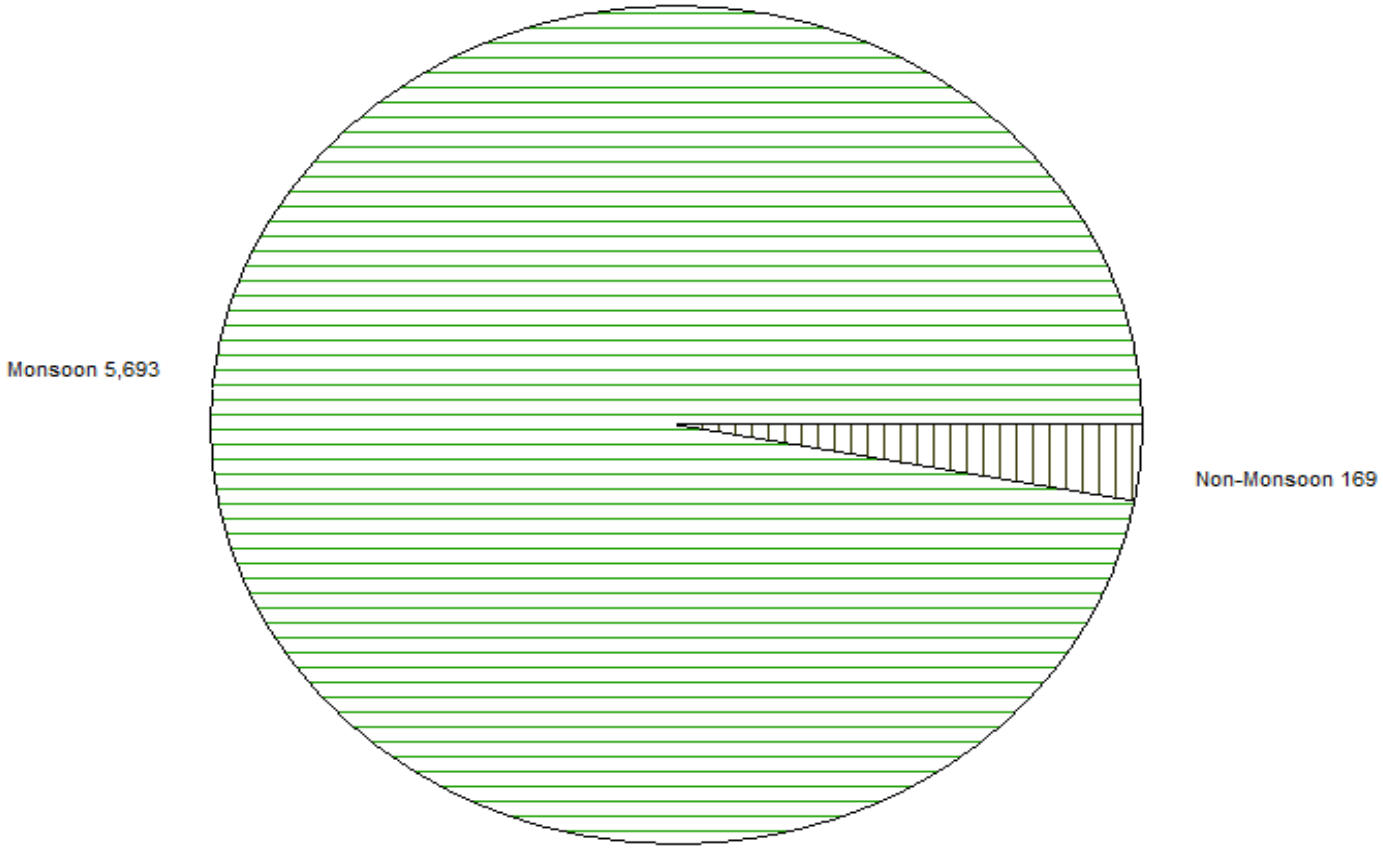
Seasonal Sediment Load for the Year: 2017-2018

Station Name : Nallamaranpatty (CCD00D5)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : AMARAVATHY **CODE No. : CCD00D5**

SITE : NALLAMARANPATTY **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**					**20-11-2017**					
1	50	131.495	-	-	-	-	Dry Bed		8.0	0.49							
2	100	-	127.800	128.300	0.50	132	0.518	2.553	5.0	1.04	132.05	0.5039	0.0384	0.00008	2.553		
3	150	-	127.650	128.300	0.65				7.0	1.10							
4	200	-	128.100	128.300	0.20				6.0	0.87						8.0	0.88
POST MONSOON 2018							**DATE OF COLLECTION**					**22-01-2018**					
1	50	131.515	-	-	-	-	Dry Bed		7.0	0.33							
2	100	-	127.880	128.080	0.20	-	Stagnant water		13.0	0.89							
3	150	-	127.770	128.080	0.31	-			14.0	0.93							
4	200	128.135	-	-	-	-	Dry Bed		5.0	0.77						14.0	0.73
PRE MONSOON 2018							**DATE OF COLLECTION**					**05-05-2018**					
1	50	131.500	Dry Bed						9.0	0.34	Dry Bed						
2	100	127.925							7.0	0.63							
3	150	127.780							7.0	0.57							
4	200	128.150							7.0	0.48						9.0	0.51

Annual Sediment Load for period : 2013-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichy**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	302	241	543	32
2014-2015	1843	4526	6369	214
2015-2016	8599	5896	14495	470
2016-2017	0	0	0	0
2017-2018	1636	399	2035	56

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichy**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 2035

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichy**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0	3.136	0.000	0.000	0.017	0.017	5
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.290	0.000	0.000	0.033	0.033	9
3	30.98	0.000	0.000	0.045	0.045	119	0.000	0.000	0.000	0.000	0.000	0	3.168	0.000	0.000	0.032	0.032	9
4	50.92	0.000	0.000	0.065	0.065	286	0.000	0.000	0.000	0.000	0.000	0	3.204	0.000	0.000	0.032	0.032	9
5	37.28	0.000	0.000	0.051	0.051	164	0.000	0.000	0.000	0.000	0.000	0	2.936	0.000	0.000	0.030	0.030	8
6	38.67	0.000	0.000	0.048	0.048	159	0.000	0.000	0.000	0.000	0.000	0	3.136	0.000	0.000	0.027	0.027	7
7	32.52	0.000	0.000	0.052	0.052	146	0.000	0.000	0.000	0.000	0.000	0	2.788	0.000	0.000	0.031	0.031	7
8	31.92	0.000	0.000	0.034	0.034	93	0.000	0.000	0.000	0.000	0.000	0	2.762	0.000	0.000	0.020	0.020	5
9	31.69	0.000	0.000	0.027	0.027	73	0.000	0.000	0.000	0.000	0.000	0	3.227	0.000	0.000	0.014	0.014	4
10	32.75	0.000	0.000	0.043	0.043	122	0.000	0.000	0.000	0.000	0.000	0	3.093	0.000	0.000	0.016	0.016	4
11	32.38	0.000	0.000	0.039	0.039	109	0.000	0.000	0.000	0.000	0.000	0	2.757	0.000	0.000	0.012	0.012	3
12	10.67	0.000	0.000	0.040	0.040	36	0.000	0.000	0.000	0.000	0.000	0	2.323	0.000	0.000	0.007	0.007	1
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.517	0.000	0.000	0.032	0.032	7
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.641	0.000	0.000	0.027	0.027	6
15	0.000	0.000	0.000	0.000	0.000	0	1.752	0.000	0.000	0.041	0.041	6	2.440	0.000	0.000	0.028	0.028	6
16	0.000	0.000	0.000	0.000	0.000	0	3.161	0.000	0.000	0.033	0.033	9	2.566	0.000	0.000	0.039	0.039	9
17	0.000	0.000	0.000	0.000	0.000	0	3.115	0.000	0.000	0.012	0.012	3	2.779	0.000	0.000	0.019	0.019	5
18	0.000	0.000	0.000	0.000	0.000	0	2.672	0.000	0.000	0.021	0.021	5	2.579	0.000	0.000	0.030	0.030	7
19	0.000	0.000	0.000	0.000	0.000	0	2.925	0.000	0.000	0.016	0.016	4	2.323	0.000	0.000	0.028	0.028	6
20	10.98	0.000	0.000	0.033	0.033	31	3.170	0.000	0.000	0.013	0.013	4	2.360	0.000	0.000	0.028	0.028	6
21	9.638	0.000	0.000	0.038	0.038	31	2.514	0.000	0.000	0.039	0.039	9	1.814	0.000	0.000	0.039	0.039	6
22	10.03	0.000	0.000	0.030	0.030	26	1.891	0.000	0.000	0.037	0.037	6	2.575	0.000	0.000	0.024	0.024	5
23	0.000	0.000	0.000	0.000	0.000	0	0.954	0.000	0.000	0.033	0.033	3	2.366	0.000	0.000	0.037	0.037	8
24	0.000	0.000	0.000	0.000	0.000	0	0.633	0.000	0.000	0.023	0.023	1	2.130	0.000	0.000	0.026	0.026	5
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.089	0.000	0.000	0.033	0.033	6
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.891	0.000	0.000	0.035	0.035	6
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.698	0.000	0.000	0.028	0.028	7
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.935	0.000	0.000	0.016	0.016	4
29	0.000	0.000	0.000	0.000	0.000	0	1.891	0.000	0.000	0.026	0.026	4	2.333	0.000	0.000	0.021	0.021	4
30	0.000	0.000	0.000	0.000	0.000	0	3.406	0.000	0.000	0.020	0.020	6	1.754	0.000	0.000	0.020	0.020	3
31							3.065	0.000	0.000	0.029	0.029	8						
Ten Daily Mean																		
Ten Daily I	31.86	0.000	0.000	0.036	0.036	129	0.000	0.000	0.000	0.000	0.000	0	3.074	0.000	0.000	0.025	0.025	7
Ten Daily II	5.403	0.000	0.000	0.011	0.011	18	1.680	0.000	0.000	0.014	0.014	3	2.529	0.000	0.000	0.025	0.025	5
Ten Daily III	1.967	0.000	0.000	0.007	0.007	6	1.305	0.000	0.000	0.019	0.019	3	2.259	0.000	0.000	0.028	0.028	5
Monthly																		
Total						1394						67						175

Annual Sediment Load (Metric Tonnes) : 2035

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichy**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	2.591	0.000	0.000	0.027	0.027	6	1.387	0.000	0.000	0.026	0.026	3	0.000	0.000	0.000	0.000	0.000	0
2	3.514	0.000	0.000	0.035	0.035	11	0.654	0.000	0.000	0.037	0.037	2	0.000	0.000	0.000	0.000	0.000	0
3	4.132	0.000	0.000	0.041	0.041	15	0.712	0.000	0.000	0.028	0.028	2	0.000	0.000	0.000	0.000	0.000	0
4	3.252	0.000	0.000	0.033	0.033	9	0.629	0.000	0.000	0.038	0.038	2	0.000	0.000	0.000	0.000	0.000	0
5	2.623	0.000	0.000	0.034	0.034	8	0.548	0.000	0.000	0.024	0.024	1	0.000	0.000	0.000	0.000	0.000	0
6	2.602	0.000	0.000	0.047	0.047	11	0.561	0.000	0.000	0.034	0.034	2	0.000	0.000	0.000	0.000	0.000	0
7	2.537	0.000	0.000	0.039	0.039	9	0.637	0.000	0.000	0.043	0.043	2	0.000	0.000	0.000	0.000	0.000	0
8	2.531	0.000	0.000	0.033	0.033	7	0.517	0.000	0.000	0.029	0.029	1	0.000	0.000	0.000	0.000	0.000	0
9	2.335	0.000	0.000	0.023	0.023	5	0.622	0.000	0.000	0.033	0.033	2	0.000	0.000	0.000	0.000	0.000	0
10	2.040	0.000	0.000	0.029	0.029	5	0.720	0.000	0.000	0.034	0.034	2	0.000	0.000	0.000	0.000	0.000	0
11	2.192	0.000	0.000	0.026	0.026	5	1.797	0.000	0.000	0.019	0.019	3	0.000	0.000	0.000	0.000	0.000	0
12	2.234	0.000	0.000	0.020	0.020	4	1.672	0.000	0.000	0.020	0.020	3	0.000	0.000	0.000	0.000	0.000	0
13	1.846	0.000	0.000	0.018	0.018	3	1.531	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0
14	1.770	0.000	0.000	0.036	0.036	6	1.824	0.000	0.000	0.037	0.037	6	0.000	0.000	0.000	0.000	0.000	0
15	1.780	0.000	0.000	0.031	0.031	5	1.837	0.000	0.000	0.038	0.038	6	0.000	0.000	0.000	0.000	0.000	0
16	1.937	0.000	0.000	0.033	0.033	6	1.911	0.000	0.000	0.020	0.020	3	0.000	0.000	0.000	0.000	0.000	0
17	1.893	0.000	0.000	0.031	0.031	5	1.833	0.000	0.000	0.019	0.019	3	0.000	0.000	0.000	0.000	0.000	0
18	1.775	0.000	0.000	0.024	0.024	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	1.790	0.000	0.000	0.021	0.021	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	1.894	0.000	0.000	0.024	0.024	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	2.253	0.000	0.000	0.034	0.034	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	2.317	0.000	0.000	0.033	0.033	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	2.303	0.000	0.000	0.031	0.031	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	2.040	0.000	0.000	0.024	0.024	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	1.966	0.000	0.000	0.022	0.022	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	2.279	0.000	0.000	0.034	0.034	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	1.962	0.000	0.000	0.022	0.022	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	1.882	0.000	0.000	0.028	0.028	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	1.871	0.000	0.000	0.021	0.021	3	0.000	0.000	0.000	0.000	0.000	0						
30	1.925	0.000	0.000	0.013	0.013	2	0.000	0.000	0.000	0.000	0.000	0						
31	1.616	0.000	0.000	0.059	0.059	8	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	2.816	0.000	0.000	0.034	0.034	8	0.699	0.000	0.000	0.033	0.033	2	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	1.911	0.000	0.000	0.026	0.026	4	1.241	0.000	0.000	0.016	0.016	3	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	2.038	0.000	0.000	0.029	0.029	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						184						45						0

Annual Sediment Load (Metric Tonnes) : 2035

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Elunuthimangalam (CCF00A4) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichy**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	11.83	0.000	0.000	0.015	0.015	15
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	8.726	0.000	0.000	0.034	0.034	26
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	7.101	0.000	0.000	0.019	0.019	12
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.825	0.000	0.000	0.049	0.049	8
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.572	0.000	0.000	0.025	0.025	6
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.535	0.000	0.000	0.019	0.019	6
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.464	0.000	0.000	0.013	0.013	4
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.943	0.000	0.000	0.023	0.023	6
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.490	0.000	0.000	0.019	0.019	8
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.980	0.000	0.000	0.016	0.016	8
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.525	0.000	0.000	0.014	0.014	4
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.169	0.000	0.000	0.020	0.020	7
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.320	0.000	0.000	0.021	0.021	6
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.832	0.000	0.000	0.022	0.022	5
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.124	0.000	0.000	0.013	0.013	2
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.638	0.000	0.000	0.028	0.028	4
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.763	0.000	0.000	0.024	0.024	4
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.765	0.000	0.000	0.035	0.035	5
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.860	0.000	0.000	0.030	0.030	5
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.005	0.000	0.000	0.027	0.027	5
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.455	0.000	0.000	0.028	0.028	6
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.768	0.000	0.000	0.030	0.030	5
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.638	0.000	0.000	0.036	0.036	5
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.873	0.000	0.000	0.025	0.025	4
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.698	0.000	0.000	0.015	0.015	2
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.048	0.000	0.000	0.025	0.025	2
31	0.000	0.000	0.000	0.000	0.000	0							0.992	0.000	0.000	0.022	0.022	2
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.559	0.000	0.000	0.016	0.016	7
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.449	0.000	0.000	0.019	0.019	5
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.715	0.000	0.000	0.027	0.027	4
Monthly																		
Total						0						0						170

Annual Sediment Load (Metric Tonnes) : 2035

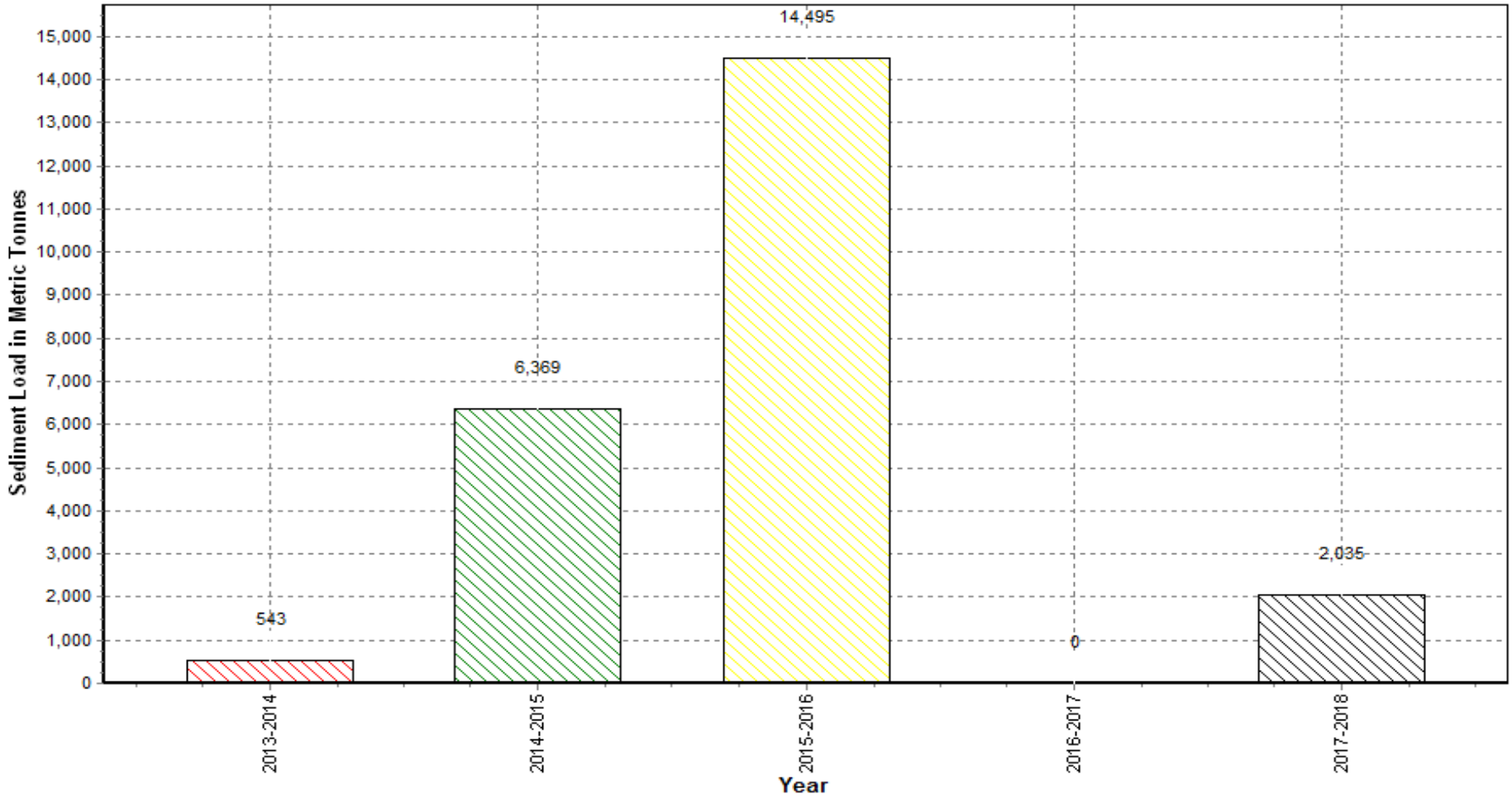
Annual Sediment Load for the period: 2013-2018

Station Name : Elunuthimangalam (CCF00A4)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



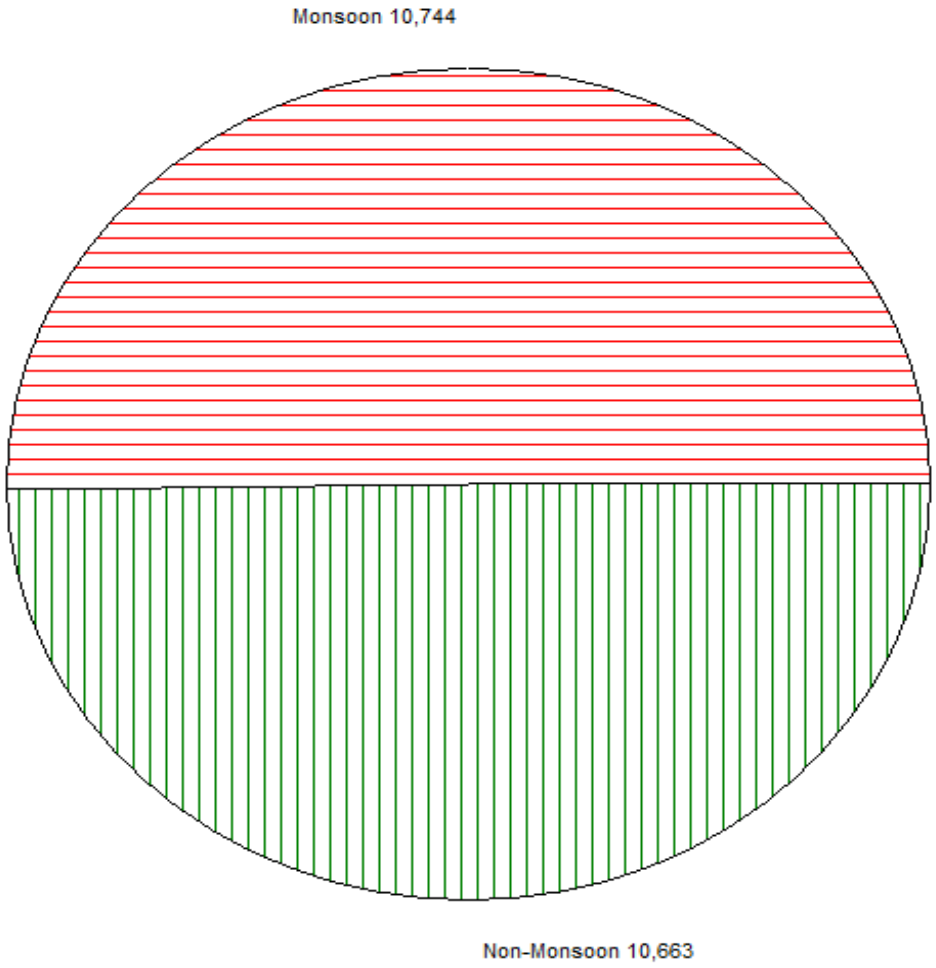
Seasonal Sediment Load for the period : 2013-2017

Station Name : Elunuthimangalam (CCF00A4)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



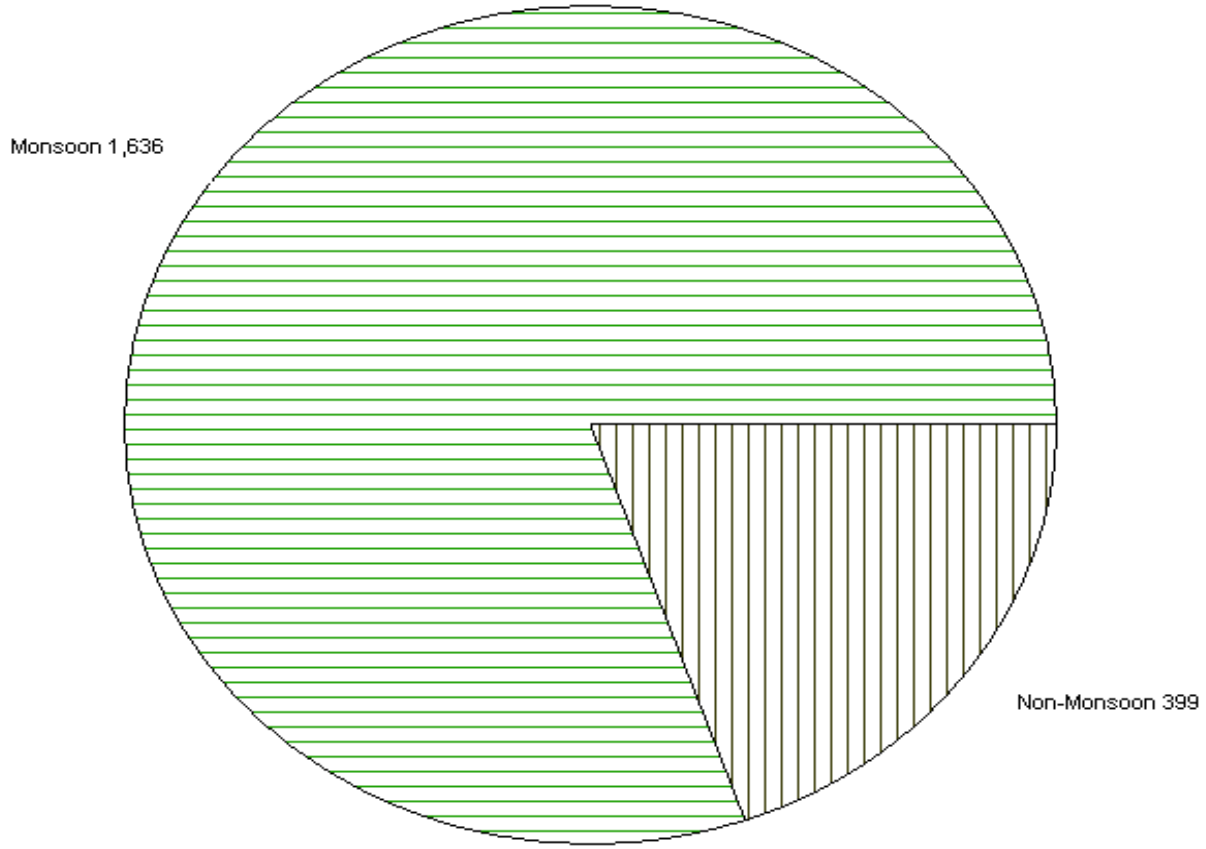
Seasonal Sediment Load for the Year 2017-18

Station Name : Elunuthimangalam (CCF00A4)

Division : SR Division, Coimbatore

Local River : Noyyal

Sub.Division: Lower Cauvery SD, Trichy



BED MATERIAL ANALYSIS DATA

RIVER : NOYYAL **CODE No. : CCF00A4**

SITE : ELUNUTHIMANGALAM **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**					**03-11-2017**					
1	50	-	129.910	130.140	0.23		Sample collected at S/G line and Discharge taken at Temp.section		8.0	0.61							
2	75	-	129.670	130.140	0.47				7.0	0.77							
3	100	131.045	-	-	-	33.00		3.182	17.0	1.67	33.176	0.723	0.133	0.0003	3.182		
4	125	131.775	-	-	-				14.0	1.21							
5	150	133.395	-	-	-				7.0	0.49						17.0	0.95
POST MONSOON 2018							**DATE OF COLLECTION**					**13-01-2018**					
1	50	-	129.900	130.020	0.12		Sample collected at S/G line and Discharge taken at Temp.section located at 153 m U/S of S/G line		7.0	0.49							
2	75	-	129.670	130.020	0.35				11.0	0.82							
3	100	131.045	-	-	-	32.00		1.505	8.0	1.61	32.113	0.619	0.078	0.0004	1.505		
4	125	131.755	-	-	-				14.0	1.03							
5	150	133.395	-	-	-				10.0	0.44						14.0	0.88
PRE MONSOON 2018							**DATE OF COLLECTION**					**30-05-2018**					
1	50	-	129.810	129.930	0.12		Sample collected at S/G line and Discharge taken at Temp.section located at 153 m U/S of S/G line		14.00	0.87							
2	75	-	129.730	129.930	0.20	32.00		1.019	7.00	0.95	32.106	0.557	0.057	0.0005	1.019		
3	100	131.055	-	-	-				7.00	1.61							
4	125	131.755	-	-	-				7.00	1.37							
5	150	133.380	-	-	-				7.00	0.83						14.0	1.13

Annual Sediment Load for period : 1973-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1973-1974	364275	35592	399867	11271
1974-1975	365514	35061	400575	9418
1975-1976	643561	50305	693866	13593
1976-1977	251460	31797	283257	4511
1977-1978	440222	62147	502369	10585
1978-1979	1455964	75640	1531604	12663
1979-1980	1246410	73067	1319477	12691
1980-1981	707634	71443	779077	15023
1981-1982	664989	45709	710698	13235
1982-1983	359729	27563	387292	6476
1983-1984	179945	33635	213580	6629
1984-1985	243116	28099	271215	9804
1985-1986	120275	24992	145267	5034
1986-1987	154292	26318	180610	5484
1987-1988	58695	33094	91789	3157
1988-1989	214747	31222	245969	6226
1989-1990	123467	38417	161884	5641
1990-1991	91614	21299	112913	4522
1991-1992	385428	43219	428647	9350
1992-1993	398786	50794	449580	11359
1993-1994	136495	50939	187434	7807
1994-1995	563161	38993	602154	13070
1995-1996	172135	36560	208695	7202
1996-1997	326649	37242	363891	6304
1997-1998	230896	58746	289642	8948
1998-1999	123170	34049	157219	8962
1999-2000	161133	38585	199718	7848
2000-2001	236606	46239	282845	9604
2001-2002	91214	33590	124804	6817
2002-2003	31346	18800	50146	2836
2003-2004	20558	17264	37822	1875
2004-2005	48753	34356	83109	4927
2005-2006	442972	38334	481306	11316
2006-2007	135796	56326	192122	9339
2007-2008	675213	54014	729227	11172
2008-2009	190708	44493	235201	8972
2009-2010	167505	38217	205722	7261
2010-2011	108216	41921	150137	6609
2011-2012	199081	58530	257612	9820

Annual Sediment Load for period : 1973-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

2012-2013	63730	16667	80397	3697
2013-2014	148505	20480	168985	6644
2014-2015	98153	34687	132840	6176
2015-2016	24291	7055	31346	5227
2016-2017	19901	351	20251	1586
2017-2018	34066	7968	42034	2831

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	121.2	0.000	0.000	0.015	0.015	152
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	99.55	0.000	0.000	0.011	0.011	98
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	87.64	0.000	0.000	0.012	0.012	93
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	78.83	0.000	0.000	0.012	0.012	79
7	0.000	0.000	0.000	0.000	0.000	0	3.797	0.000	0.000	0.002	0.002	1	45.01	0.000	0.000	0.010	0.010	38
8	0.000	0.000	0.000	0.000	0.000	0	3.749	0.000	0.000	0.002	0.002	1	124.2	0.000	0.000	0.010	0.010	103
9	0.000	0.000	0.000	0.000	0.000	0	4.290	0.000	0.000	0.003	0.003	1	129.9	0.000	0.000	0.012	0.012	132
10	0.000	0.000	0.000	0.000	0.000	0	3.103	0.000	0.000	0.002	0.002	1	206.1	0.002	0.003	0.010	0.015	269
11	0.000	0.000	0.000	0.000	0.000	0	1.126	0.000	0.000	0.001	0.001	0	195.6	0.001	0.003	0.005	0.009	159
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	187.8	0.002	0.004	0.007	0.013	203
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	33.28	0.000	0.001	0.012	0.013	37
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.34	0.000	0.000	0.013	0.013	13
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.39	0.000	0.000	0.013	0.013	14
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	6.044	0.000	0.000	0.009	0.009	5
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.289	0.000	0.000	0.005	0.005	1
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.310	0.000	0.000	0.005	0.005	1
19	0.000	0.000	0.000	0.000	0.000	0	16.88	0.000	0.000	0.007	0.007	10	7.412	0.000	0.000	0.005	0.005	3
20	0.000	0.000	0.000	0.000	0.000	0	15.54	0.000	0.000	0.005	0.005	7	5.546	0.000	0.000	0.004	0.004	2
21	0.000	0.000	0.000	0.000	0.000	0	10.35	0.000	0.000	0.004	0.004	4	5.502	0.000	0.000	0.005	0.005	2
22	0.000	0.000	0.000	0.000	0.000	0	13.90	0.000	0.000	0.004	0.004	5	3.722	0.000	0.000	0.004	0.004	1
23	0.000	0.000	0.000	0.000	0.000	0	14.60	0.000	0.000	0.004	0.004	5	3.689	0.000	0.000	0.004	0.004	1
24	0.000	0.000	0.000	0.000	0.000	0	17.62	0.000	0.000	0.005	0.005	8	3.463	0.000	0.000	0.004	0.004	1
25	0.000	0.000	0.000	0.000	0.000	0	15.72	0.000	0.000	0.005	0.005	7	0.816	0.000	0.000	0.004	0.004	0
26	0.000	0.000	0.000	0.000	0.000	0	8.038	0.000	0.000	0.005	0.005	3	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	49.39	0.000	0.000	0.006	0.006	26	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	23.52	0.000	0.000	0.007	0.007	14	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	5.089	0.000	0.000	0.006	0.006	3	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	2.854	0.000	0.000	0.006	0.006	1	0.000	0.000	0.000	0.000	0.000	0
31							1.005	0.000	0.000	0.006	0.006	1	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	1.494	0.000	0.000	0.001	0.001	0	89.24	0.000	0.000	0.009	0.010	96
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	3.355	0.000	0.000	0.001	0.001	2	46.61	0.000	0.001	0.008	0.009	44
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	14.74	0.000	0.000	0.005	0.005	7	1.563	0.000	0.000	0.002	0.002	1
Monthly Total						0						96						1409

Annual Sediment Load (Metric Tonnes) : 42034

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	55.70	0.000	0.000	0.003	0.003	15	230.1	0.000	0.001	0.002	0.003	50
2	0.816	0.000	0.000	0.000	0.000	0	44.78	0.000	0.000	0.003	0.003	10	152.3	0.000	0.000	0.026	0.026	343
3	7.357	0.000	0.000	0.004	0.004	2	148.3	0.000	0.000	0.008	0.008	108	124.6	0.000	0.000	0.012	0.012	129
4	9.393	0.000	0.000	0.005	0.005	4	417.3	0.000	0.001	0.022	0.023	844	169.0	0.000	0.000	0.011	0.011	155
5	11.05	0.000	0.000	0.006	0.006	5	515.0	0.001	0.001	0.015	0.016	716	116.6	0.000	0.000	0.012	0.012	124
6	9.063	0.000	0.000	0.005	0.005	4	486.2	0.001	0.002	0.006	0.008	349	121.3	0.000	0.000	0.007	0.007	73
7	8.249	0.000	0.000	0.005	0.005	3	471.2	0.001	0.002	0.006	0.009	350	155.6	0.000	0.000	0.011	0.011	148
8	6.240	0.000	0.000	0.005	0.005	3	415.1	0.001	0.001	0.013	0.015	527	148.3	0.000	0.000	0.010	0.010	132
9	49.79	0.000	0.000	0.010	0.010	42	412.0	0.001	0.001	0.013	0.015	523	148.4	0.000	0.000	0.015	0.015	192
10	11.50	0.000	0.000	0.014	0.014	14	427.2	0.001	0.002	0.028	0.030	1107	149.6	0.000	0.000	0.013	0.013	168
11	13.95	0.000	0.000	0.014	0.014	17	421.9	0.001	0.001	0.010	0.011	412	133.1	0.000	0.000	0.011	0.011	127
12	22.00	0.000	0.000	0.005	0.005	10	541.3	0.001	0.001	0.010	0.011	533	125.4	0.000	0.000	0.011	0.011	114
13	31.98	0.000	0.000	0.010	0.010	27	541.3	0.001	0.001	0.012	0.014	650	117.1	0.000	0.000	0.010	0.010	101
14	290.2	0.002	0.004	0.019	0.024	607	552.2	0.001	0.001	0.026	0.028	1322	134.8	0.000	0.000	0.011	0.011	128
15	294.0	0.001	0.005	0.007	0.012	312	463.1	0.000	0.001	0.024	0.025	1004	208.4	0.001	0.002	0.013	0.015	270
16	280.8	0.000	0.004	0.014	0.018	434	458.7	0.000	0.001	0.024	0.026	1018	222.0	0.001	0.002	0.014	0.017	322
17	135.0	0.000	0.000	0.017	0.017	201	520.0	0.000	0.001	0.015	0.016	728	232.8	0.001	0.002	0.014	0.016	328
18	143.9	0.000	0.000	0.017	0.017	213	537.9	0.000	0.001	0.017	0.018	832	208.4	0.001	0.002	0.040	0.042	762
19	94.23	0.000	0.000	0.004	0.004	32	623.5	0.000	0.001	0.026	0.027	1427	231.9	0.001	0.002	0.014	0.017	345
20	35.16	0.000	0.000	0.003	0.003	10	563.2	0.000	0.001	0.018	0.019	910	218.9	0.001	0.002	0.017	0.020	382
21	53.10	0.000	0.000	0.005	0.005	23	579.1	0.001	0.002	0.031	0.034	1676	218.9	0.001	0.002	0.013	0.017	312
22	37.55	0.000	0.000	0.008	0.008	26	423.6	0.000	0.000	0.036	0.036	1314	215.3	0.001	0.002	0.010	0.013	249
23	38.54	0.000	0.000	0.010	0.010	33	421.9	0.000	0.000	0.036	0.036	1323	215.3	0.001	0.002	0.010	0.013	244
24	39.17	0.000	0.000	0.010	0.010	35	440.5	0.000	0.002	0.020	0.022	818	208.4	0.001	0.002	0.011	0.014	248
25	49.70	0.000	0.000	0.014	0.014	62	427.2	0.000	0.002	0.023	0.025	908	218.9	0.001	0.002	0.009	0.012	229
26	105.0	0.000	0.000	0.008	0.008	74	423.2	0.001	0.001	0.005	0.007	238	225.7	0.001	0.002	0.010	0.013	244
27	16.59	0.000	0.000	0.009	0.009	13	436.2	0.000	0.000	0.020	0.020	761	232.8	0.001	0.002	0.010	0.014	278
28	37.80	0.000	0.000	0.013	0.013	44	466.2	0.000	0.000	0.030	0.030	1225	225.8	0.001	0.002	0.004	0.007	131
29	14.21	0.000	0.000	0.025	0.025	31	312.7	0.000	0.000	0.034	0.034	916	190.2	0.001	0.002	0.008	0.011	174
30	47.39	0.000	0.000	0.008	0.008	33	366.8	0.000	0.000	0.008	0.008	260	180.5	0.001	0.001	0.004	0.006	95
31							271.5	0.000	0.000	0.035	0.035	828						
Ten Daily Mean																		
Ten Daily I	11.35	0.000	0.000	0.005	0.005	8	339.3	0.001	0.001	0.012	0.013	455	151.6	0.000	0.000	0.012	0.012	151
Ten Daily II	134.1	0.000	0.001	0.011	0.012	186	522.3	0.000	0.001	0.018	0.019	884	183.3	0.001	0.001	0.015	0.017	288
Ten Daily III	43.91	0.000	0.000	0.011	0.011	37	415.4	0.000	0.001	0.025	0.026	933	213.2	0.001	0.002	0.009	0.012	220
Monthly Total						2312						23653						6596

Annual Sediment Load (Metric Tonnes) : 42034

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	124.1	0.000	0.000	0.006	0.006	64	301.3	0.001	0.002	0.003	0.006	148	2.227	0.000	0.000	0.014	0.014	3
2	40.45	0.000	0.000	0.005	0.005	18	314.6	0.001	0.002	0.005	0.008	217	2.242	0.000	0.000	0.014	0.014	3
3	30.04	0.000	0.000	0.005	0.005	13	313.6	0.001	0.002	0.003	0.006	163	2.765	0.000	0.000	0.015	0.015	4
4	13.39	0.000	0.000	0.005	0.005	6	340.2	0.001	0.002	0.004	0.007	200	15.60	0.000	0.000	0.005	0.005	7
5	8.259	0.000	0.000	0.001	0.001	1	330.3	0.001	0.002	0.004	0.007	200	2.197	0.000	0.000	0.014	0.014	3
6	31.31	0.000	0.000	0.003	0.003	8	336.2	0.001	0.002	0.002	0.005	157	2.839	0.000	0.000	0.016	0.016	4
7	5.601	0.000	0.000	0.007	0.007	3	300.3	0.001	0.002	0.004	0.007	171	2.237	0.000	0.000	0.014	0.014	3
8	5.088	0.000	0.000	0.009	0.009	4	109.1	0.000	0.000	0.003	0.003	29	2.897	0.000	0.000	0.016	0.016	4
9	5.904	0.000	0.000	0.014	0.014	7	51.41	0.000	0.000	0.004	0.004	18	3.317	0.000	0.000	0.010	0.010	3
10	35.05	0.000	0.000	0.003	0.003	9	48.46	0.000	0.000	0.004	0.004	17	4.027	0.000	0.000	0.013	0.013	5
11	6.436	0.000	0.000	0.004	0.004	2	50.65	0.000	0.000	0.007	0.007	31	3.215	0.000	0.000	0.010	0.010	3
12	3.577	0.000	0.000	0.002	0.002	1	103.9	0.000	0.000	0.004	0.004	36	2.461	0.000	0.000	0.014	0.014	3
13	3.491	0.000	0.000	0.005	0.005	2	91.12	0.000	0.000	0.004	0.004	31	2.313	0.000	0.000	0.014	0.014	3
14	2.721	0.000	0.000	0.004	0.004	1	109.4	0.000	0.000	0.005	0.005	46	2.173	0.000	0.000	0.014	0.014	3
15	280.8	0.001	0.001	0.008	0.010	235	91.75	0.000	0.000	0.002	0.002	16	2.933	0.000	0.000	0.016	0.016	4
16	282.6	0.000	0.000	0.010	0.010	244	53.07	0.000	0.000	0.004	0.004	18	2.112	0.000	0.000	0.013	0.013	2
17	268.1	0.001	0.001	0.009	0.011	252	56.57	0.000	0.000	0.006	0.006	29	2.019	0.000	0.000	0.013	0.013	2
18	276.6	0.001	0.002	0.006	0.009	203	96.50	0.000	0.000	0.003	0.003	25	1.686	0.000	0.000	0.003	0.003	0
19	265.9	0.001	0.001	0.009	0.011	255	332.5	0.002	0.002	0.009	0.013	373	1.754	0.000	0.000	0.012	0.012	2
20	268.3	0.008	0.002	0.009	0.018	422	323.3	0.001	0.002	0.007	0.010	279	1.394	0.000	0.000	0.011	0.011	1
21	286.2	0.007	0.002	0.005	0.014	336	209.9	0.001	0.002	0.003	0.006	112	0.000	0.000	0.000	0.000	0.000	0
22	279.4	0.009	0.002	0.006	0.017	410	234.0	0.001	0.002	0.004	0.008	160	0.000	0.000	0.000	0.000	0.000	0
23	232.8	0.001	0.001	0.006	0.008	163	230.9	0.001	0.002	0.004	0.007	142	0.000	0.000	0.000	0.000	0.000	0
24	227.3	0.001	0.001	0.006	0.008	157	214.1	0.001	0.002	0.004	0.007	128	0.000	0.000	0.000	0.000	0.000	0
25	220.8	0.001	0.001	0.006	0.008	153	217.3	0.001	0.002	0.004	0.007	128	0.000	0.000	0.000	0.000	0.000	0
26	193.2	0.001	0.002	0.005	0.007	122	49.67	0.000	0.000	0.003	0.003	12	0.000	0.000	0.000	0.000	0.000	0
27	208.6	0.001	0.002	0.005	0.007	132	54.40	0.000	0.000	0.003	0.003	14	0.000	0.000	0.000	0.000	0.000	0
28	190.2	0.002	0.002	0.005	0.009	141	28.07	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0
29	208.6	0.001	0.001	0.005	0.007	132	18.19	0.000	0.000	0.002	0.002	3						
30	323.2	0.001	0.001	0.006	0.008	223	3.705	0.000	0.000	0.003	0.003	1						
31	285.8	0.001	0.001	0.006	0.008	190	2.785	0.000	0.000	0.003	0.003	1						
Ten Daily Mean																		
Ten Daily I	29.92	0.000	0.000	0.006	0.006	13	244.6	0.001	0.001	0.004	0.006	132	4.035	0.000	0.000	0.013	0.013	4
Ten Daily II	165.9	0.001	0.001	0.007	0.008	162	130.9	0.000	0.000	0.005	0.006	89	2.206	0.000	0.000	0.012	0.012	2
Ten Daily III	241.5	0.002	0.001	0.006	0.009	196	114.8	0.000	0.001	0.003	0.005	64	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						3910						2911						60

Annual Sediment Load (Metric Tonnes) : 42034

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kodumudi (CC000I7) **Division : SR Division, Coimbatore**

Local River : **Sub-Division : Lower Cauvery SD, Trichi**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.444	0.000	0.000	0.093	0.093	20
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.328	0.000	0.000	0.119	0.119	34
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.914	0.000	0.000	0.107	0.107	27
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.507	0.000	0.000	0.124	0.124	37
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.801	0.000	0.000	0.103	0.103	25
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.789	0.000	0.000	0.013	0.013	3
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.442	0.000	0.000	0.013	0.013	4
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.083	0.000	0.000	0.013	0.013	4
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.386	0.000	0.000	0.013	0.013	4
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.601	0.000	0.000	0.013	0.013	4
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.252	0.000	0.000	0.013	0.013	3
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.169	0.000	0.000	0.013	0.013	4
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.11	0.000	0.000	0.004	0.004	11
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	52.19	0.000	0.000	0.005	0.005	23
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	98.82	0.000	0.000	0.008	0.008	68
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	97.63	0.000	0.000	0.011	0.011	93
17	5.681	0.000	0.000	0.013	0.013	6	0.000	0.000	0.000	0.000	0.000	0	52.87	0.000	0.000	0.010	0.010	46
18	3.000	0.000	0.000	0.013	0.013	3	2.745	0.000	0.000	0.044	0.044	10	109.4	0.000	0.000	0.008	0.008	76
19	1.420	0.000	0.000	0.013	0.013	2	6.109	0.000	0.000	0.010	0.010	5	45.73	0.000	0.000	0.010	0.010	40
20	48.26	0.000	0.000	0.010	0.010	42	6.703	0.000	0.000	0.004	0.004	2	32.31	0.000	0.000	0.008	0.008	23
21	45.09	0.000	0.000	0.007	0.007	27	3.813	0.000	0.000	0.022	0.022	7	29.68	0.000	0.000	0.008	0.008	21
22	40.51	0.000	0.000	0.014	0.014	49	2.343	0.000	0.000	0.030	0.030	6	25.08	0.000	0.000	0.007	0.007	15
23	21.49	0.000	0.000	0.006	0.006	11	1.053	0.000	0.000	0.029	0.029	3	7.311	0.000	0.000	0.003	0.003	2
24	23.89	0.000	0.000	0.012	0.012	25	7.270	0.000	0.000	0.013	0.013	8	3.319	0.000	0.000	0.008	0.008	2
25	5.109	0.000	0.000	0.010	0.010	4	10.00	0.000	0.000	0.019	0.019	16	8.211	0.000	0.000	0.003	0.003	2
26	1.880	0.000	0.000	0.452	0.452	73	4.678	0.000	0.000	0.014	0.014	6	10.18	0.000	0.000	0.004	0.004	4
27	0.000	0.000	0.000	0.000	0.000	0	3.951	0.000	0.000	0.012	0.012	4	8.354	0.000	0.000	0.003	0.003	2
28	0.000	0.000	0.000	0.000	0.000	0	9.056	0.000	0.000	0.071	0.071	56	3.649	0.000	0.000	0.013	0.013	4
29	0.000	0.000	0.000	0.000	0.000	0	8.830	0.000	0.000	0.068	0.068	52	3.032	0.000	0.000	0.013	0.013	3
30	0.000	0.000	0.000	0.000	0.000	0	4.637	0.000	0.000	0.020	0.020	8	1.707	0.000	0.000	0.013	0.013	2
31	1.390	0.000	0.000	0.462	0.462	55							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.130	0.000	0.000	0.061	0.061	16
Ten Daily II	5.836	0.000	0.000	0.005	0.005	5	1.556	0.000	0.000	0.006	0.006	2	52.84	0.000	0.000	0.009	0.009	39
Ten Daily III	12.67	0.000	0.000	0.088	0.088	22	5.563	0.000	0.000	0.030	0.030	17	9.138	0.000	0.000	0.007	0.007	5
Monthly																		
Total						299						184						604

Annual Sediment Load (Metric Tonnes) : 42034

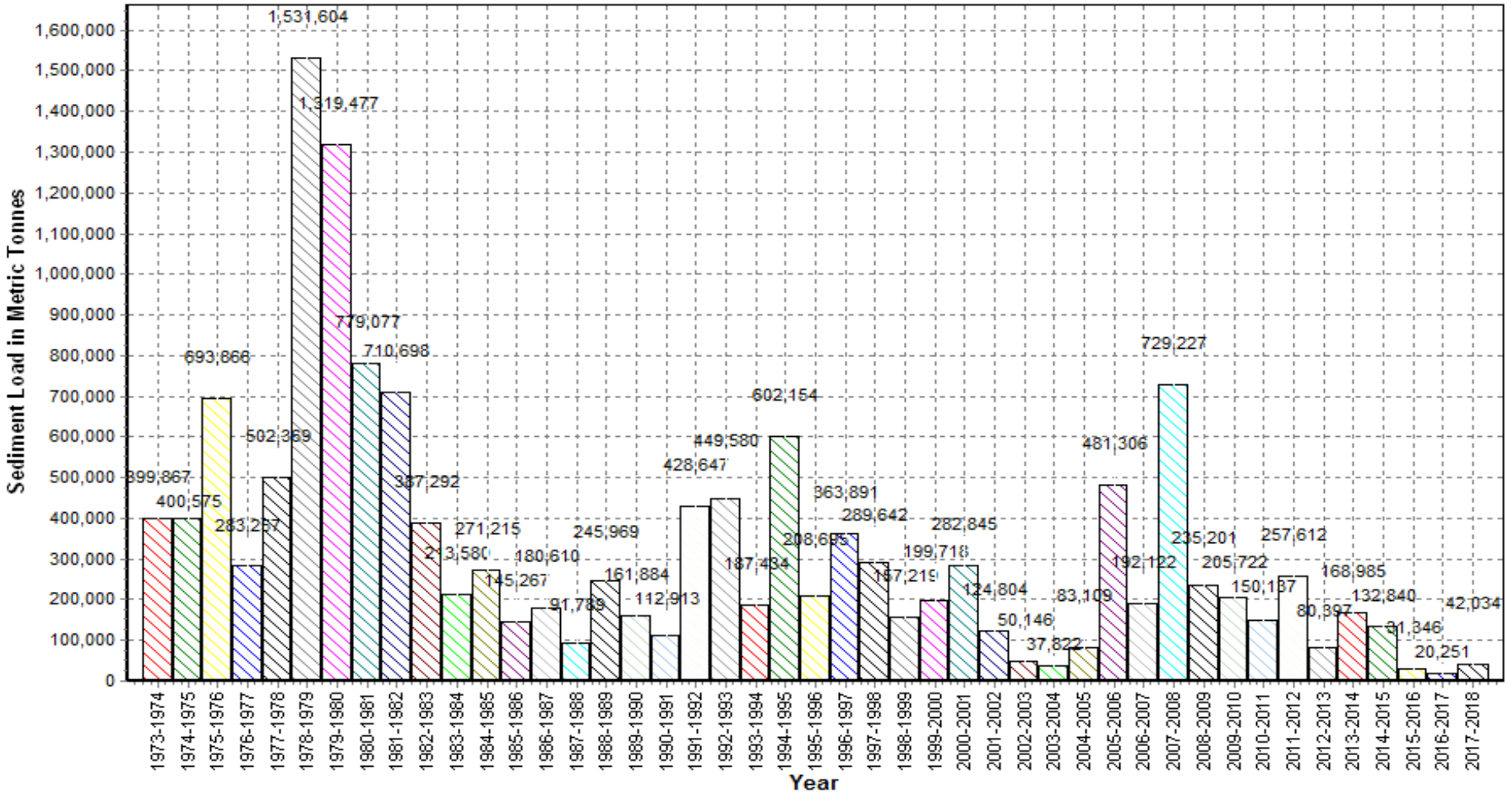
Annual Sediment Load for the period: 1973-2018

Station Name : Kodumudi (CC000I7)

Division : SR Division, Coimbatore

Local River :

Sub-Division : Lower Cauvery SD, Trichi



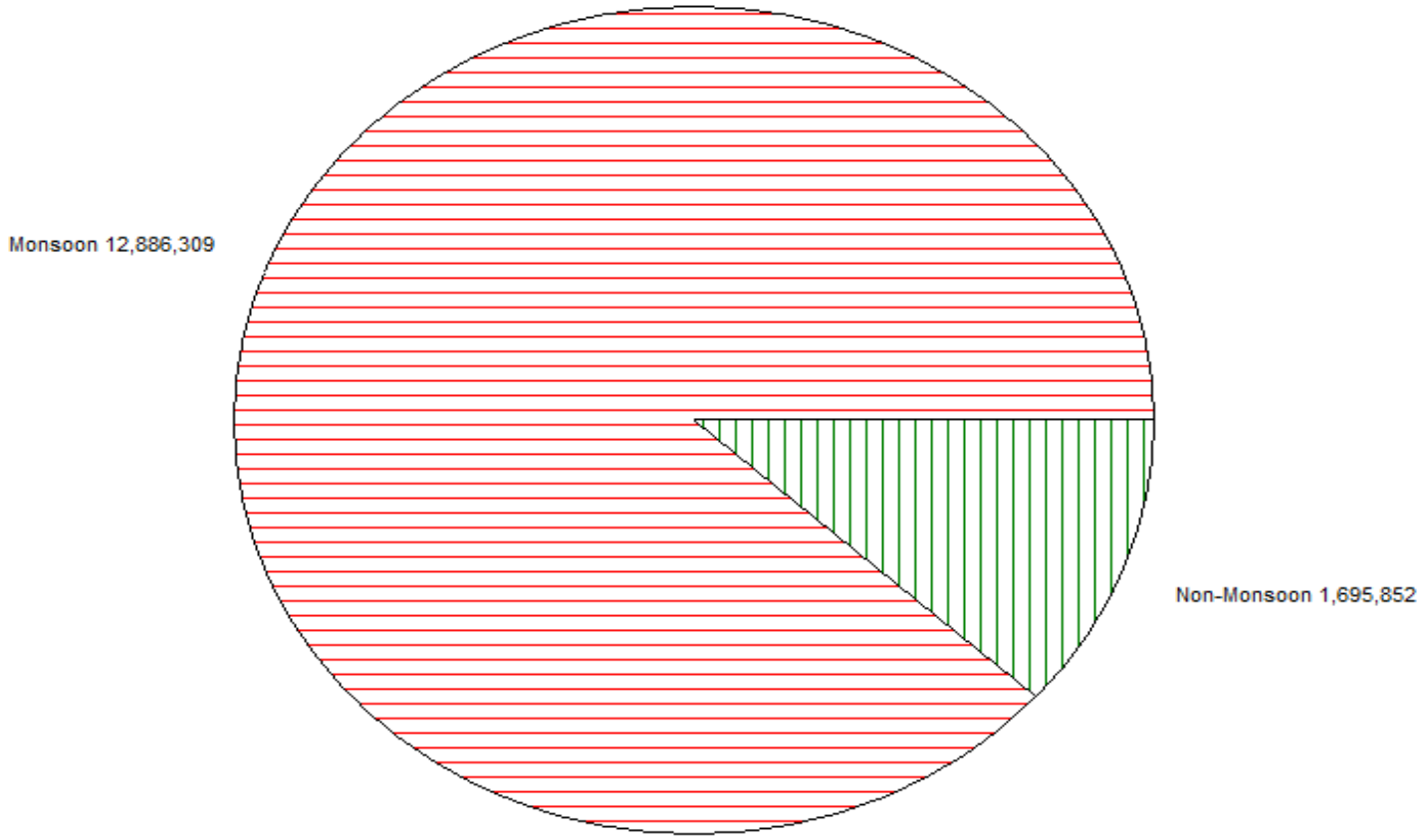
Seasonal Sediment Load for the period : 1973-2017

Station Name : Kodumudi (CC000I7)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



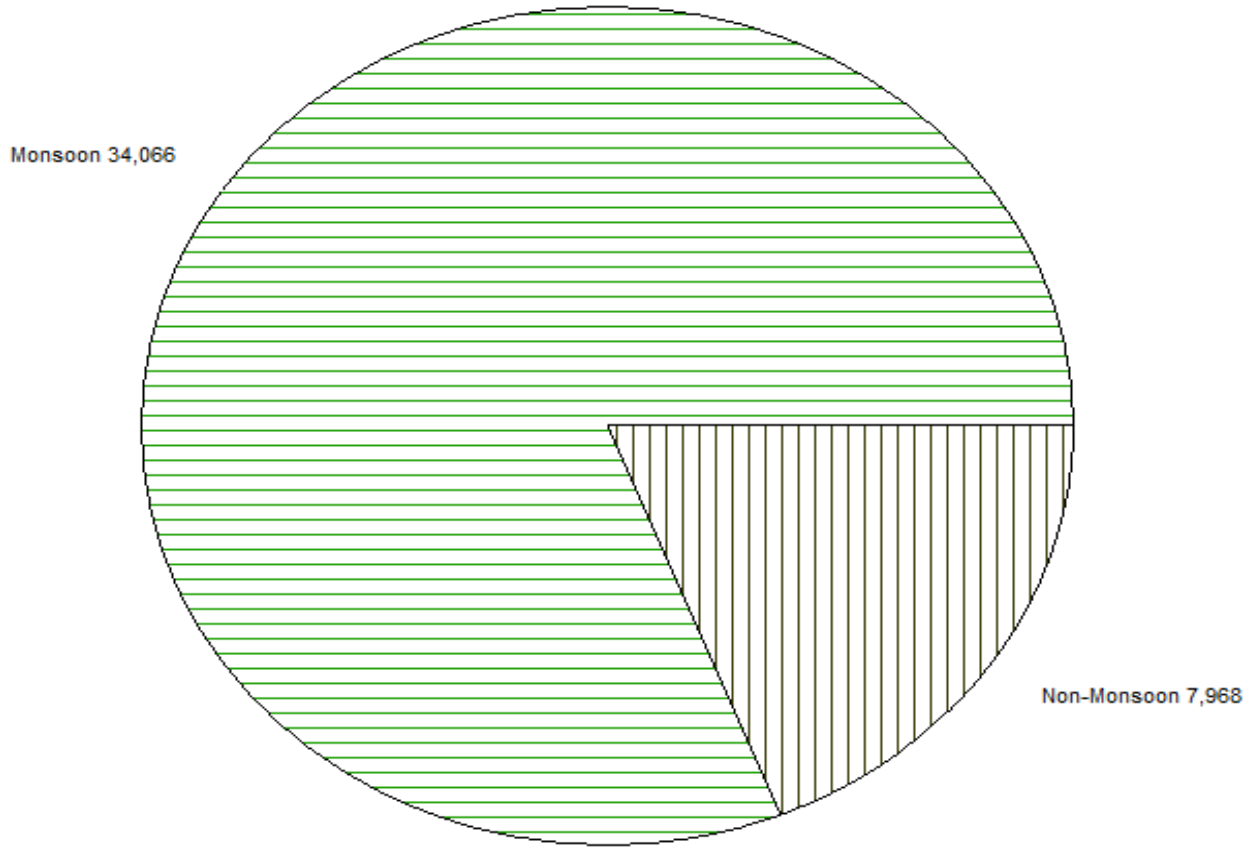
Seasonal Sediment Load for the Year: 2017-2018

Station Name : Kodumudi (CC000I7)

Local River :

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : CAUVERY **CODE No. : CC000I7**

SITE : KODUMUDI **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED									Bed Material Composition		GENERAL DATA OF THE RIVER					Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017						**DATE OF COLLECTION**						**18-08-2017**						
1	100	123.445	-	-	-		Sample collected at S/G line and Discharge taken at Temp.section located at 373 m D/S of S/G line		10.0	0.98							
2	200	123.735	-	-	-				11.0	1.19							
3	300	-	121.880	122.030	0.15	240.0		2.180	15.0	1.93	240.00	0.192	0.047	0.00085	2.18		
4	400	-	121.880	122.030	0.15				17.0	2.15							
5	500	-	121.900	122.030	0.13				9.0	1.26							
6	600	122.010	-	-	-				16.0	2.29						17.0	1.63
POST MONSOON 2018						**DATE OF COLLECTION**						**18-01-2018**						
1	100	123.450	-	-	-				9.0	0.86							
2	200	123.750	-	-	-				16.0	1.44							
3	300	-	122.140	122.590	0.45		0.106	0.048	15.0	1.81							
4	400	-	121.980	122.590	0.61	356.0	0.684	0.417	16.0	1.52	356.03	0.599	0.451	0.00063	96.35		
5	500	-	121.940	122.590	0.65		0.490	0.319	11.0	2.02							
6	600	-	121.970	122.590	0.62		0.600	0.372	13.0	2.37						16.0	1.67
PRE MONSOON 2018						**DATE OF COLLECTION**						**09-05-2018**						
1	100	123.595	-	-	-		Sample collected at S/G line and Discharge taken at Temp.section located at 373 m D/S of S/G line		9.0	0.72							
2	200	123.360	-	-	-				14.0	1.21							
3	300	122.175	-	-	-				18.0	1.57							
4	400	-	121.975	122.155	0.18	252.0		3.336	17.0	2.70	252.03	0.293	0.045	0.00078	3.336		
5	500	-	121.995	122.155	0.16				16.0	1.87							
6	600	-	121.915	122.155	0.24				19.0	2.57						19.0	1.77

Annual Sediment Load for period : 1980-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1980-1981	58825	13605	72430	1029
1981-1982	65375	5020	70395	876
1982-1983	74316	3466	77782	661
1983-1984	38667	8383	47050	481
1984-1985	15058	3365	18423	549
1985-1986	15196	8335	23531	643
1986-1987	8195	2595	10790	436
1987-1988	63478	11133	74611	442
1988-1989	6756	2663	9419	471
1989-1990	14618	4659	19277	493
1990-1991	10013	3361	13374	504
1991-1992	16517	3338	19855	545
1992-1993	22518	5329	27847	849
1993-1994	7224	5381	12605	585
1994-1995	16022	5166	21188	918
1995-1996	6944	9137	16081	733
1996-1997	8428	7167	15595	577
1997-1998	8597	7229	15826	653
1998-1999	8546	5613	14159	729
1999-2000	12881	3699	16580	654
2000-2001	8290	4771	13061	554
2001-2002	4188	2300	6488	419
2002-2003	9193	8503	17696	342
2003-2004	1567	20567	22134	339
2004-2005	4762	3227	7989	454
2005-2006	14089	6210	20299	648
2006-2007	72749	6147	78896	960
2007-2008	19524	4716	24240	958
2008-2009	5680	3993	9673	616
2009-2010	6425	1894	8319	588
2010-2011	27833	1948	29781	643
2011-2012	7374	1848	9222	564
2012-2013	1375	2836	4211	252
2013-2014	4598	920	5518	357
2014-2015	37166	1436	38602	548
2015-2016	2433	1066	3499	472
2016-2017	850	309	1159	154
2017-2018	1551	1123	2673	263

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	1.867	0.000	0.000	0.005	0.005	1	16.91	0.000	0.000	0.005	0.005	7	3.872	0.000	0.000	0.005	0.005	2
2	2.644	0.000	0.000	0.005	0.005	1	27.07	0.000	0.000	0.008	0.008	18	4.451	0.000	0.000	0.005	0.005	2
3	3.280	0.000	0.000	0.005	0.005	1	24.80	0.000	0.000	0.007	0.007	15	3.609	0.000	0.000	0.006	0.006	2
4	3.316	0.000	0.000	0.005	0.005	1	23.78	0.000	0.000	0.006	0.006	12	2.587	0.000	0.000	0.002	0.002	0
5	2.028	0.000	0.000	0.004	0.004	1	19.53	0.000	0.000	0.004	0.004	7	4.225	0.000	0.000	0.005	0.005	2
6	1.868	0.000	0.000	0.004	0.004	1	20.25	0.000	0.000	0.004	0.004	7	5.107	0.000	0.000	0.005	0.005	2
7	7.304	0.000	0.000	0.006	0.006	4	18.78	0.000	0.000	0.005	0.005	8	3.581	0.000	0.000	0.003	0.003	1
8	3.358	0.000	0.000	0.005	0.005	1	16.21	0.000	0.000	0.004	0.004	6	3.798	0.000	0.000	0.004	0.004	1
9	5.089	0.000	0.000	0.006	0.006	3	3.316	0.000	0.000	0.005	0.005	2	3.615	0.000	0.000	0.003	0.003	1
10	3.376	0.000	0.000	0.005	0.005	1	2.653	0.000	0.000	0.004	0.004	1	3.795	0.000	0.000	0.004	0.004	1
11	3.316	0.000	0.000	0.005	0.005	1	2.484	0.000	0.000	0.002	0.002	0	6.285	0.000	0.000	0.010	0.010	5
12	2.597	0.000	0.000	0.005	0.005	1	1.606	0.000	0.000	0.002	0.002	0	6.270	0.000	0.000	0.008	0.008	4
13	1.601	0.000	0.000	0.004	0.004	1	1.566	0.000	0.000	0.000	0.000	0	6.135	0.000	0.000	0.008	0.008	4
14	1.628	0.000	0.000	0.005	0.005	1	1.640	0.000	0.000	0.001	0.001	0	4.196	0.000	0.000	0.004	0.004	1
15	1.557	0.000	0.000	0.004	0.004	1	1.456	0.000	0.000	0.002	0.002	0	5.107	0.000	0.000	0.006	0.006	3
16	1.544	0.000	0.000	0.003	0.003	0	1.315	0.000	0.000	0.002	0.002	0	5.763	0.000	0.000	0.007	0.007	3
17	2.552	0.000	0.000	0.004	0.004	1	1.389	0.000	0.000	0.002	0.002	0	5.464	0.000	0.000	0.006	0.006	3
18	1.145	0.000	0.000	0.004	0.004	0	1.164	0.000	0.000	0.001	0.001	0	5.028	0.000	0.000	0.005	0.005	2
19	4.124	0.000	0.000	0.007	0.007	2	1.283	0.000	0.000	0.002	0.002	0	4.843	0.000	0.000	0.005	0.005	2
20	4.002	0.000	0.000	0.006	0.006	2	3.544	0.000	0.000	0.003	0.003	1	4.470	0.000	0.000	0.005	0.005	2
21	4.059	0.000	0.000	0.003	0.003	1	3.976	0.000	0.000	0.005	0.005	2	4.061	0.000	0.000	0.004	0.004	1
22	5.413	0.000	0.000	0.005	0.005	2	4.399	0.000	0.000	0.002	0.002	1	3.720	0.000	0.000	0.004	0.004	1
23	4.928	0.000	0.000	0.005	0.005	2	3.590	0.000	0.000	0.003	0.003	1	4.419	0.000	0.000	0.005	0.005	2
24	4.308	0.000	0.000	0.003	0.003	1	3.699	0.000	0.000	0.004	0.004	1	3.494	0.000	0.000	0.003	0.003	1
25	4.784	0.000	0.000	0.005	0.005	2	2.361	0.000	0.000	0.003	0.003	1	2.799	0.000	0.000	0.003	0.003	1
26	4.167	0.000	0.000	0.003	0.003	1	2.319	0.000	0.000	0.002	0.002	0	3.210	0.000	0.000	0.003	0.003	1
27	4.114	0.000	0.000	0.003	0.003	1	2.523	0.000	0.000	0.003	0.003	1	3.316	0.000	0.000	0.003	0.003	1
28	4.083	0.000	0.000	0.004	0.004	1	2.510	0.000	0.000	0.003	0.003	1	5.239	0.000	0.000	0.007	0.007	3
29	4.355	0.000	0.000	0.004	0.004	2	2.455	0.000	0.000	0.002	0.002	0	5.640	0.000	0.000	0.009	0.009	4
30	3.804	0.000	0.000	0.003	0.003	1	2.799	0.000	0.000	0.002	0.002	1	4.931	0.000	0.000	0.005	0.005	2
31							4.233	0.000	0.000	0.004	0.004	1	4.144	0.000	0.000	0.005	0.005	2
Ten Daily Mean																		
Ten Daily I	3.413	0.000	0.000	0.005	0.005	2	17.33	0.000	0.000	0.005	0.005	8	3.864	0.000	0.000	0.004	0.004	1
Ten Daily II	2.407	0.000	0.000	0.005	0.005	1	1.745	0.000	0.000	0.002	0.002	0	5.356	0.000	0.000	0.006	0.006	3
Ten Daily III	4.402	0.000	0.000	0.004	0.004	1	3.169	0.000	0.000	0.003	0.003	1	4.088	0.000	0.000	0.005	0.005	2
Monthly																		
Total						41						95						64

Annual Sediment Load (Metric Tonnes) : 2673

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	4.959	0.000	0.000	0.005	0.005	2	2.799	0.000	0.000	0.005	0.005	1	8.118	0.000	0.000	0.008	0.008	6
2	5.107	0.000	0.000	0.005	0.005	2	2.323	0.000	0.000	0.005	0.005	1	8.187	0.000	0.000	0.008	0.008	6
3	8.868	0.000	0.000	0.008	0.008	6	2.291	0.000	0.000	0.005	0.005	1	8.256	0.000	0.000	0.008	0.008	6
4	9.812	0.000	0.000	0.009	0.009	8	2.189	0.000	0.000	0.005	0.005	1	8.040	0.000	0.000	0.008	0.008	5
5	3.798	0.000	0.000	0.002	0.002	1	1.936	0.000	0.000	0.003	0.003	1	8.450	0.000	0.000	0.008	0.008	6
6	4.361	0.000	0.000	0.007	0.007	3	11.16	0.000	0.000	0.010	0.010	10	16.89	0.000	0.000	0.011	0.011	16
7	10.77	0.000	0.000	0.010	0.010	9	15.46	0.000	0.000	0.011	0.011	14	26.17	0.000	0.000	0.014	0.014	32
8	3.419	0.000	0.000	0.006	0.006	2	25.67	0.000	0.000	0.016	0.016	35	16.52	0.000	0.000	0.012	0.012	17
9	10.17	0.000	0.000	0.009	0.009	8	16.66	0.000	0.000	0.011	0.011	16	11.90	0.000	0.000	0.009	0.009	9
10	8.868	0.000	0.000	0.008	0.008	6	16.14	0.000	0.000	0.011	0.011	15	8.156	0.000	0.000	0.008	0.008	6
11	3.234	0.000	0.000	0.006	0.006	2	10.48	0.000	0.000	0.012	0.012	11	8.600	0.000	0.000	0.008	0.008	6
12	4.329	0.000	0.000	0.007	0.007	3	20.86	0.000	0.000	0.013	0.013	24	8.040	0.000	0.000	0.008	0.008	5
13	4.620	0.000	0.000	0.003	0.003	1	21.54	0.000	0.000	0.013	0.013	24	14.67	0.000	0.000	0.010	0.010	13
14	2.919	0.000	0.000	0.003	0.003	1	21.99	0.000	0.000	0.013	0.013	25	15.09	0.000	0.000	0.011	0.011	14
15	4.571	0.000	0.000	0.007	0.007	3	21.03	0.000	0.000	0.074	0.074	134	15.09	0.000	0.000	0.011	0.011	14
16	2.421	0.000	0.000	0.004	0.004	1	20.19	0.000	0.000	0.127	0.127	222	12.32	0.000	0.000	0.010	0.010	10
17	2.556	0.000	0.000	0.004	0.004	1	20.86	0.000	0.000	0.121	0.121	218	13.33	0.000	0.000	0.011	0.011	13
18	2.775	0.000	0.000	0.005	0.005	1	18.57	0.000	0.000	0.042	0.042	67	11.44	0.000	0.000	0.010	0.010	10
19	2.731	0.000	0.000	0.004	0.004	1	17.67	0.000	0.000	0.011	0.011	17	8.868	0.000	0.000	0.008	0.008	6
20	1.970	0.000	0.000	0.003	0.003	1	16.14	0.000	0.000	0.011	0.011	15	5.041	0.000	0.000	0.007	0.007	3
21	2.034	0.000	0.000	0.003	0.003	1	5.987	0.000	0.000	0.008	0.008	4	4.572	0.000	0.000	0.006	0.006	2
22	3.415	0.000	0.000	0.007	0.007	2	11.58	0.000	0.000	0.009	0.009	9	7.130	0.000	0.000	0.008	0.008	5
23	2.690	0.000	0.000	0.003	0.003	1	16.89	0.000	0.000	0.011	0.011	15	11.44	0.000	0.000	0.009	0.009	9
24	2.323	0.000	0.000	0.003	0.003	1	16.89	0.000	0.000	0.011	0.011	16	11.90	0.000	0.000	0.010	0.010	10
25	2.794	0.000	0.000	0.006	0.006	1	23.36	0.000	0.000	0.013	0.013	27	13.33	0.000	0.000	0.010	0.010	12
26	2.854	0.000	0.000	0.005	0.005	1	17.15	0.000	0.000	0.011	0.011	16	16.26	0.000	0.000	0.010	0.010	14
27	3.392	0.000	0.000	0.008	0.008	2	8.738	0.000	0.000	0.008	0.008	6	15.09	0.000	0.000	0.010	0.010	13
28	3.420	0.000	0.000	0.006	0.006	2	15.46	0.000	0.000	0.010	0.010	13	16.52	0.000	0.000	0.010	0.010	15
29	3.677	0.000	0.000	0.008	0.008	3	6.869	0.000	0.000	0.008	0.008	5	12.32	0.000	0.000	0.010	0.010	10
30	3.052	0.000	0.000	0.006	0.006	2	6.949	0.000	0.000	0.008	0.008	5	11.44	0.000	0.000	0.010	0.010	10
31							8.583	0.000	0.000	0.009	0.009	7						
Ten Daily Mean																		
Ten Daily I	7.012	0.000	0.000	0.007	0.007	5	9.663	0.000	0.000	0.008	0.008	10	12.07	0.000	0.000	0.009	0.009	11
Ten Daily II	3.213	0.000	0.000	0.005	0.005	1	18.93	0.000	0.000	0.044	0.044	76	11.25	0.000	0.000	0.009	0.009	9
Ten Daily III	2.965	0.000	0.000	0.005	0.005	1	12.59	0.000	0.000	0.010	0.010	11	12.00	0.000	0.000	0.009	0.009	10
Monthly																		
Total						75						974						302

Annual Sediment Load (Metric Tonnes) : 2673

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	8.221	0.000	0.000	0.008	0.008	6	19.51	0.000	0.000	0.008	0.008	13	20.86	0.000	0.000	0.008	0.008	15
2	25.04	0.000	0.000	0.014	0.014	30	18.73	0.000	0.000	0.007	0.007	12	19.51	0.000	0.000	0.009	0.009	14
3	8.890	0.000	0.000	0.008	0.008	6	18.73	0.000	0.000	0.007	0.007	11	9.322	0.000	0.000	0.009	0.009	7
4	5.265	0.000	0.000	0.007	0.007	3	14.09	0.000	0.000	0.008	0.008	10	11.97	0.000	0.000	0.006	0.006	7
5	4.846	0.000	0.000	0.006	0.006	3	11.44	0.000	0.000	0.006	0.006	6	11.90	0.000	0.000	0.006	0.006	6
6	4.199	0.000	0.000	0.005	0.005	2	11.90	0.000	0.000	0.006	0.006	6	12.82	0.000	0.000	0.006	0.006	7
7	4.498	0.000	0.000	0.005	0.005	2	11.97	0.000	0.000	0.006	0.006	6	11.90	0.000	0.000	0.006	0.006	6
8	13.33	0.000	0.000	0.010	0.010	12	12.54	0.000	0.000	0.007	0.007	7	11.44	0.000	0.000	0.006	0.006	6
9	8.690	0.000	0.000	0.009	0.009	7	14.09	0.000	0.000	0.009	0.009	10	11.44	0.000	0.000	0.007	0.007	7
10	6.245	0.000	0.000	0.006	0.006	3	23.36	0.000	0.000	0.010	0.010	21	15.72	0.000	0.000	0.009	0.009	12
11	4.725	0.000	0.000	0.004	0.004	2	23.69	0.000	0.000	0.011	0.011	22	11.50	0.000	0.000	0.007	0.007	7
12	5.588	0.000	0.000	0.007	0.007	3	16.52	0.000	0.000	0.007	0.007	10	4.896	0.000	0.000	0.007	0.007	3
13	15.68	0.000	0.000	0.010	0.010	13	16.52	0.000	0.000	0.008	0.008	11	4.272	0.000	0.000	0.007	0.007	3
14	17.01	0.000	0.000	0.011	0.011	16	13.92	0.000	0.000	0.008	0.008	9	3.714	0.000	0.000	0.006	0.006	2
15	14.67	0.000	0.000	0.010	0.010	13	13.33	0.000	0.000	0.008	0.008	9	3.378	0.000	0.000	0.006	0.006	2
16	12.82	0.000	0.000	0.010	0.010	11	14.09	0.000	0.000	0.008	0.008	9	3.418	0.000	0.000	0.006	0.006	2
17	10.16	0.000	0.000	0.009	0.009	8	13.33	0.000	0.000	0.008	0.008	9	2.775	0.000	0.000	0.005	0.005	1
18	10.28	0.000	0.000	0.009	0.009	8	6.374	0.000	0.000	0.009	0.009	5	4.330	0.000	0.000	0.005	0.005	2
19	10.88	0.000	0.000	0.009	0.009	8	4.478	0.000	0.000	0.008	0.008	3	5.133	0.000	0.000	0.005	0.005	2
20	6.804	0.000	0.000	0.007	0.007	4	3.591	0.000	0.000	0.008	0.008	2	4.951	0.000	0.000	0.005	0.005	2
21	4.987	0.000	0.000	0.007	0.007	3	3.496	0.000	0.000	0.008	0.008	2	4.415	0.000	0.000	0.006	0.006	2
22	4.161	0.000	0.000	0.004	0.004	1	5.183	0.000	0.000	0.008	0.008	4	4.778	0.000	0.000	0.006	0.006	2
23	3.668	0.000	0.000	0.004	0.004	1	12.32	0.000	0.000	0.006	0.006	6	3.971	0.000	0.000	0.002	0.002	1
24	2.987	0.000	0.000	0.004	0.004	1	14.09	0.000	0.000	0.007	0.007	9	3.801	0.000	0.000	0.005	0.005	2
25	4.626	0.000	0.000	0.005	0.005	2	16.52	0.000	0.000	0.007	0.007	10	3.496	0.000	0.000	0.004	0.004	1
26	8.128	0.000	0.000	0.007	0.007	5	14.94	0.000	0.000	0.008	0.008	10	3.409	0.000	0.000	0.004	0.004	1
27	21.98	0.000	0.000	0.010	0.010	19	14.67	0.000	0.000	0.008	0.008	11	3.993	0.000	0.000	0.005	0.005	2
28	21.54	0.000	0.000	0.009	0.009	17	16.55	0.000	0.000	0.007	0.007	10	3.927	0.000	0.000	0.006	0.006	2
29	15.09	0.000	0.000	0.008	0.008	11	19.51	0.000	0.000	0.008	0.008	13						
30	12.82	0.000	0.000	0.007	0.007	8	14.67	0.000	0.000	0.008	0.008	11						
31	16.55	0.000	0.000	0.009	0.009	13	13.33	0.000	0.000	0.008	0.008	9						
Ten Daily Mean																		
Ten Daily I	8.922	0.000	0.000	0.008	0.008	7	15.64	0.000	0.000	0.007	0.007	10	13.69	0.000	0.000	0.007	0.007	9
Ten Daily II	10.86	0.000	0.000	0.009	0.009	9	12.58	0.000	0.000	0.008	0.008	9	4.837	0.000	0.000	0.006	0.006	3
Ten Daily III	10.59	0.000	0.000	0.007	0.007	7	13.21	0.000	0.000	0.008	0.008	9	3.974	0.000	0.000	0.005	0.005	2
Monthly																		
Total						242						286						126

Annual Sediment Load (Metric Tonnes) : 2673

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : SAVANDAPUR (CCG00E3) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	4.201	0.000	0.000	0.005	0.005	2	2.747	0.000	0.000	0.004	0.004	1	10.40	0.000	0.000	0.005	0.005	4
2	4.002	0.000	0.000	0.005	0.005	2	3.686	0.000	0.000	0.005	0.005	2	7.677	0.000	0.000	0.004	0.004	3
3	3.551	0.000	0.000	0.005	0.005	2	2.919	0.000	0.000	0.005	0.005	1	7.948	0.000	0.000	0.006	0.006	4
4	3.237	0.000	0.000	0.005	0.005	1	2.878	0.000	0.000	0.005	0.005	1	7.606	0.000	0.000	0.004	0.004	3
5	3.317	0.000	0.000	0.005	0.005	1	2.891	0.000	0.000	0.005	0.005	1	8.801	0.000	0.000	0.005	0.005	4
6	2.820	0.000	0.000	0.005	0.005	1	2.453	0.000	0.000	0.005	0.005	1	5.246	0.000	0.000	0.005	0.005	2
7	2.846	0.000	0.000	0.005	0.005	1	2.827	0.000	0.000	0.006	0.006	1	3.115	0.000	0.000	0.005	0.005	1
8	3.288	0.000	0.000	0.006	0.006	2	2.747	0.000	0.000	0.006	0.006	1	7.704	0.000	0.000	0.005	0.005	3
9	3.118	0.000	0.000	0.005	0.005	1	15.86	0.000	0.000	0.008	0.008	12	7.060	0.000	0.000	0.004	0.004	2
10	3.121	0.000	0.000	0.005	0.005	1	11.60	0.000	0.000	0.005	0.005	5	6.573	0.000	0.000	0.004	0.004	2
11	3.237	0.000	0.000	0.005	0.005	1	10.51	0.000	0.000	0.005	0.005	5	6.248	0.000	0.000	0.004	0.004	2
12	3.458	0.000	0.000	0.005	0.005	1	11.01	0.000	0.000	0.005	0.005	5	5.794	0.000	0.000	0.004	0.004	2
13	3.215	0.000	0.000	0.005	0.005	1	11.70	0.000	0.000	0.005	0.005	5	8.485	0.000	0.000	0.004	0.004	3
14	3.156	0.000	0.000	0.005	0.005	1	19.09	0.000	0.000	0.011	0.011	18	5.753	0.000	0.000	0.004	0.004	2
15	3.238	0.000	0.000	0.005	0.005	1	19.39	0.000	0.000	0.011	0.011	18	5.062	0.000	0.000	0.003	0.003	1
16	3.106	0.000	0.000	0.005	0.005	1	23.23	0.000	0.000	0.011	0.011	22	5.587	0.000	0.000	0.004	0.004	2
17	4.540	0.000	0.000	0.006	0.006	2	22.36	0.000	0.000	0.011	0.011	21	3.627	0.000	0.000	0.004	0.004	1
18	4.626	0.000	0.000	0.006	0.006	2	21.01	0.000	0.000	0.012	0.012	21	3.351	0.000	0.000	0.003	0.003	1
19	5.120	0.000	0.000	0.005	0.005	2	20.01	0.000	0.000	0.011	0.011	19	7.446	0.000	0.000	0.063	0.063	41
20	4.588	0.000	0.000	0.005	0.005	2	19.09	0.000	0.000	0.010	0.010	17	11.04	0.000	0.000	0.006	0.006	5
21	3.402	0.000	0.000	0.005	0.005	1	17.79	0.000	0.000	0.010	0.010	16	7.710	0.000	0.000	0.007	0.007	5
22	2.978	0.000	0.000	0.005	0.005	1	17.10	0.000	0.000	0.008	0.008	12	9.897	0.000	0.000	0.005	0.005	4
23	3.339	0.000	0.000	0.005	0.005	1	17.79	0.000	0.000	0.009	0.009	14	10.96	0.000	0.000	0.007	0.007	7
24	2.139	0.000	0.000	0.005	0.005	1	17.20	0.000	0.000	0.009	0.009	13	9.978	0.000	0.000	0.005	0.005	4
25	2.517	0.000	0.000	0.005	0.005	1	17.79	0.000	0.000	0.009	0.009	14	9.944	0.000	0.000	0.006	0.006	5
26	2.406	0.000	0.000	0.005	0.005	1	17.20	0.000	0.000	0.008	0.008	12	9.356	0.000	0.000	0.005	0.005	4
27	2.943	0.000	0.000	0.004	0.004	1	16.80	0.000	0.000	0.007	0.007	10	4.932	0.000	0.000	0.004	0.004	2
28	2.914	0.000	0.000	0.005	0.005	1	17.20	0.000	0.000	0.008	0.008	12	5.265	0.000	0.000	0.004	0.004	2
29	2.747	0.000	0.000	0.005	0.005	1	16.01	0.000	0.000	0.008	0.008	11	4.963	0.000	0.000	0.004	0.004	2
30	2.747	0.000	0.000	0.005	0.005	1	12.93	0.000	0.000	0.006	0.006	7	3.913	0.000	0.000	0.004	0.004	1
31	2.956	0.000	0.000	0.005	0.005	1							3.547	0.000	0.000	0.003	0.003	1
Ten Daily Mean																		
Ten Daily I	3.350	0.000	0.000	0.005	0.005	1	5.060	0.000	0.000	0.005	0.005	3	7.213	0.000	0.000	0.005	0.005	3
Ten Daily II	3.828	0.000	0.000	0.005	0.005	2	17.74	0.000	0.000	0.009	0.009	15	6.239	0.000	0.000	0.010	0.010	6
Ten Daily III	2.826	0.000	0.000	0.005	0.005	1	16.78	0.000	0.000	0.008	0.008	12	7.315	0.000	0.000	0.005	0.005	3
Monthly																		
Total						45						297						126

Annual Sediment Load (Metric Tonnes) : 2673

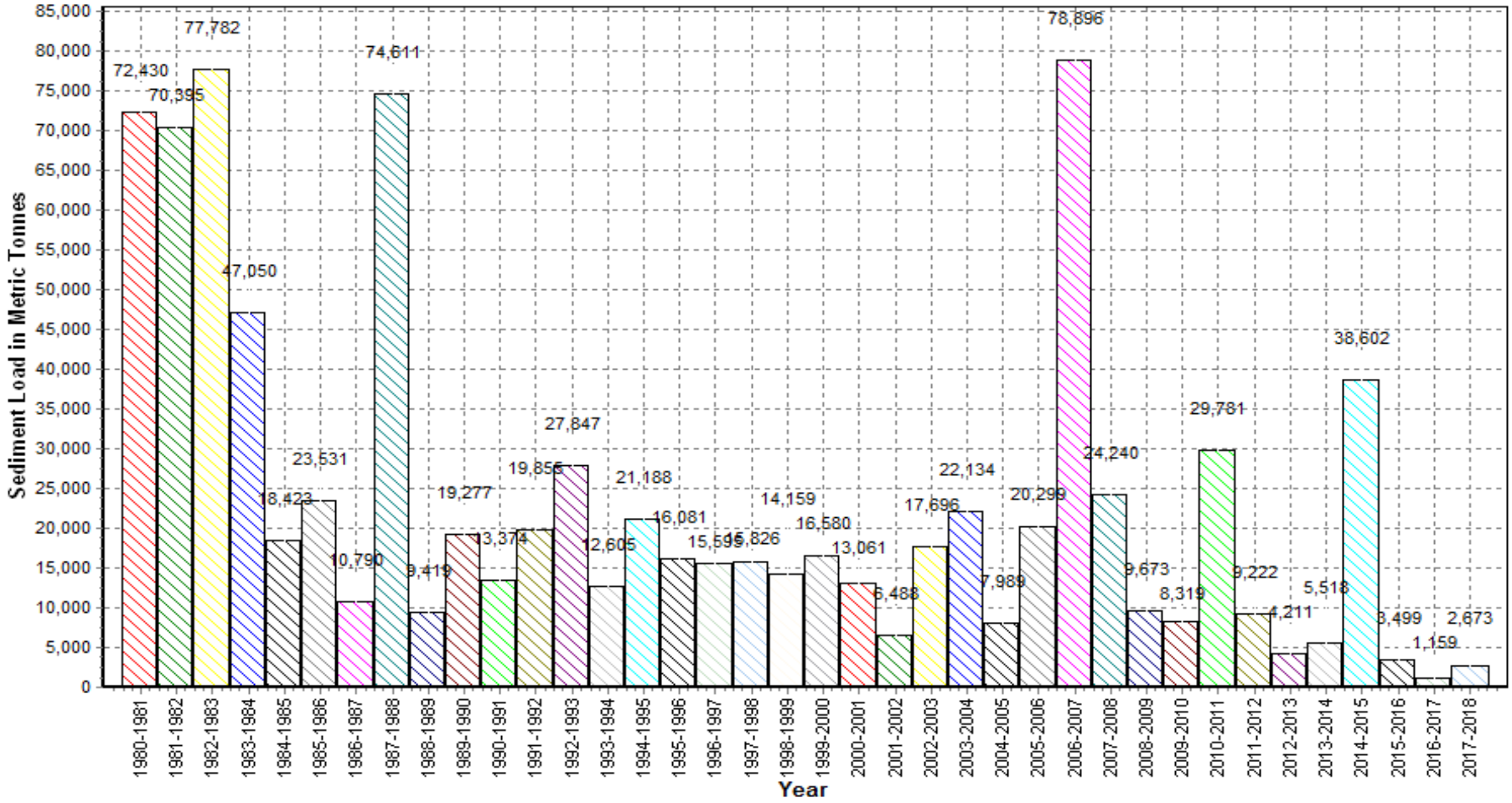
Annual Sediment Load for the period: 1980-2018

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



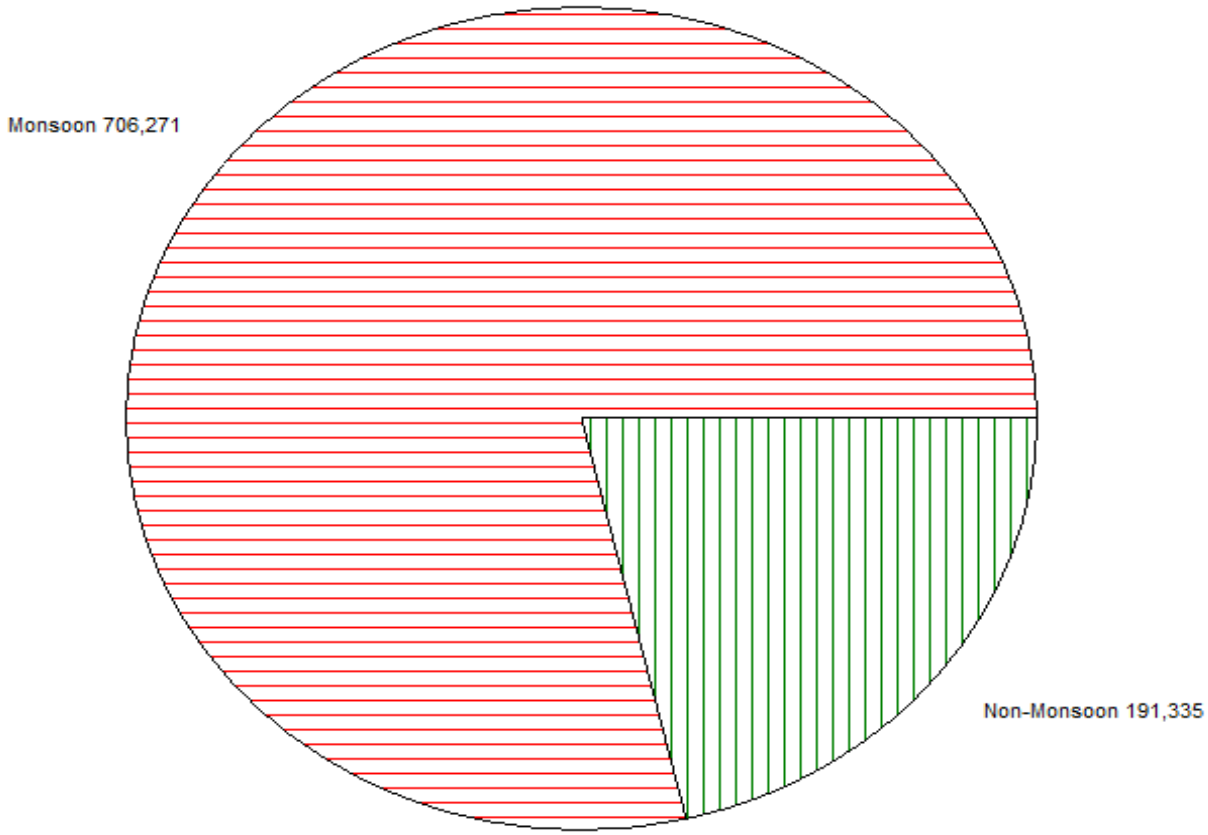
Seasonal Sediment Load for the period : 1980-2017

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



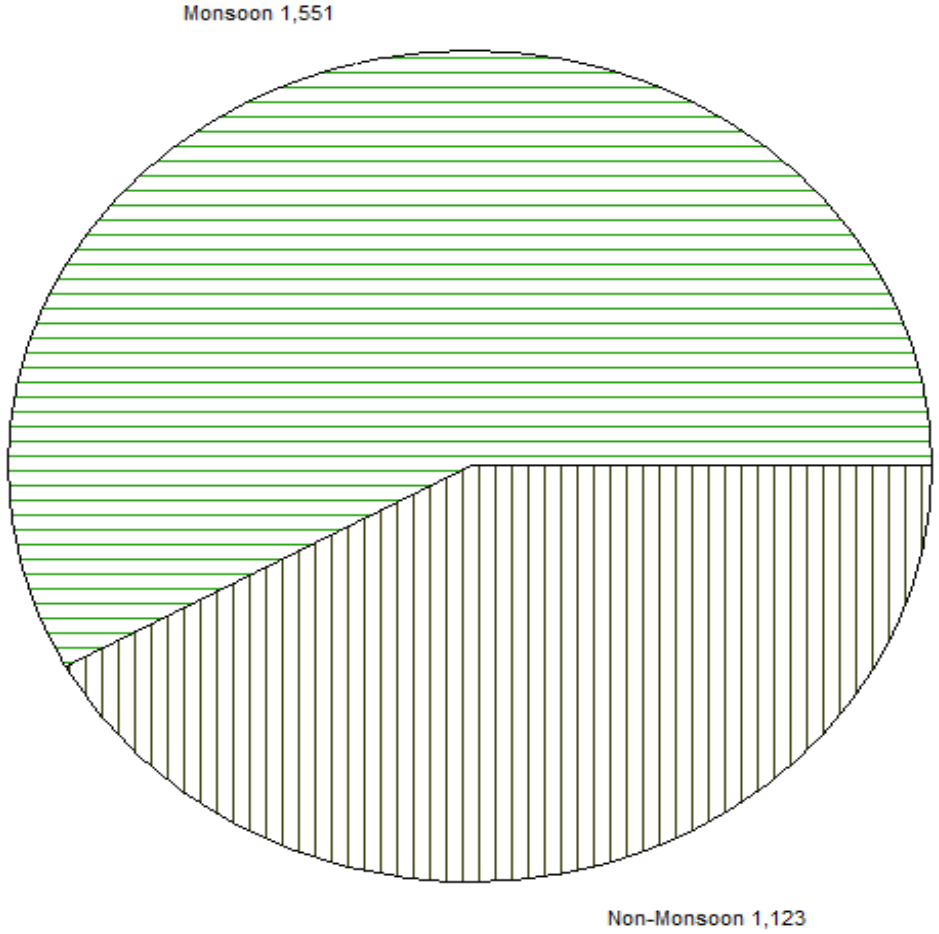
Seasonal Sediment Load for the Year: 2017-2018

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



BED MATERIAL ANALYSIS DATA

RIVER : BHAVANI **CODE No. : CCG00E3**

SITE : SAVANDAPUR **CROSS SECTION : SGL**

	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
Sl.No.	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**				**15-11-2017**						
1	**25**	**183.890**							**25.0**	**3.34**							
2	**65**	**-**	**179.680**	**181.040**	**1.36**	**81.0**	**-**		**14.0**	**1.82**							
3	**100**	**-**	**179.800**	**181.040**	**1.24**	**81.0**	**-**	**15.09**	**15.0**	**2.50**	**81.428**	**1.1728**	**0.158**	**0.00005**	**15.09**		
4	**125**	**184.450**							**27.0**	**3.18**						**27.0**	**2.71**
POST MONSOON 2018							**DATE OF COLLECTION**				**07-02-2018**						
1	**25**	**183.865**	**-**	**-**	**-**		**-**	**-**	**18.0**	**1.91**							
2	**65**	**-**	**179.605**	**180.905**	**1.30**		**-**		**10.0**	**1.64**							
3	**100**	**-**	**179.805**	**180.905**	**1.10**	**81.0**	**-**	**11.900**	**17.0**	**2.76**	**80.38**	**1.097**	**0.133**	**0.00005**	**11.900**	**19.0**	**2.39**
4	**125**	**184.430**	**-**		**-**		**-**		**19.0**	**3.23**							
				180.905													
PRE MONSOON 2018							**DATE OF COLLECTION**				**28-05-2018**						
1	**25**	**183.855**	**-**	**-**	**-**				**25.0**	**1.31**							
2	**65**	**-**	**179.590**	**180.810**	**1.22**	**80.0**	**-**		**15.0**	**0.89**							
3	**100**	**-**	**179.790**	**180.810**	**1.02**	**80.0**	**-**	**5.309**	**16.0**	**2.52**	**80.34**	**1.013**	**0.065**	**0.00005**	**5.309**	**25.0**	**1.93**
4	**125**	**183.890**	**-**	**-**	**-**				**19.0**	**3.00**							

Annual Sediment Load for period : 2002-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2002-2003	14378	1345	15723	167
2003-2004	3810	1844	5654	142
2004-2005	12498	1135	13633	263
2005-2006	29943	2261	32204	495
2006-2007	5002	2498	7500	259
2007-2008	20199	5328	25527	565
2008-2009	9028	2222	11250	310
2009-2010	45916	3592	49508	521
2010-2011	25858	3836	29694	334
2011-2012	14718	4981	19699	311
2012-2013	2097	1152	3249	150
2013-2014	7475	203	7678	342
2014-2015	468	51	519	311
2015-2016	65	15	80	273
2016-2017	17	14251	14268	135
2017-2018	4660	1130	5790	242

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	1.382	0.000	0.000	0.005	0.005	1	4.626	0.000	0.000	0.016	0.016	6	2.546	0.000	0.000	0.007	0.007	2
2	3.937	0.000	0.000	0.004	0.004	1	2.746	0.000	0.000	0.011	0.011	3	3.027	0.000	0.000	0.005	0.005	1
3	3.480	0.000	0.000	0.005	0.005	2	2.421	0.000	0.000	0.010	0.010	2	5.948	0.000	0.000	0.006	0.006	3
4	1.779	0.000	0.000	0.004	0.004	1	4.806	0.000	0.000	0.013	0.013	5	3.357	0.000	0.000	0.004	0.004	1
5	1.315	0.000	0.000	0.004	0.004	0	4.206	0.000	0.000	0.020	0.020	7	4.227	0.000	0.000	0.004	0.004	1
6	3.126	0.000	0.000	0.004	0.004	1	2.740	0.000	0.000	0.025	0.025	6	8.209	0.000	0.000	0.011	0.011	8
7	1.796	0.000	0.000	0.005	0.005	1	1.804	0.000	0.000	0.025	0.025	4	5.910	0.000	0.000	0.007	0.007	4
8	5.249	0.029	0.043	0.008	0.080	36	2.972	0.000	0.000	0.020	0.020	5	5.229	0.000	0.000	0.004	0.004	2
9	3.344	0.000	0.000	0.005	0.005	1	2.232	0.000	0.000	0.020	0.020	4	14.22	0.000	0.000	0.006	0.006	7
10	2.353	0.000	0.000	0.004	0.004	1	2.147	0.000	0.000	0.020	0.020	4	12.30	0.008	0.094	0.005	0.107	114
11	2.074	0.000	0.000	0.006	0.006	1	1.801	0.000	0.000	0.007	0.007	1	9.782	0.000	0.000	0.001	0.001	1
12	1.866	0.000	0.000	0.007	0.007	1	1.844	0.000	0.000	0.008	0.008	1	9.575	0.000	0.000	0.001	0.001	1
13	2.748	0.000	0.000	0.012	0.012	3	6.149	0.000	0.000	0.006	0.006	3	6.008	0.000	0.000	0.001	0.001	1
14	5.022	0.000	0.000	0.012	0.012	5	2.765	0.000	0.000	0.009	0.009	2	5.660	0.000	0.000	0.001	0.001	0
15	5.744	0.000	0.000	0.012	0.012	6	4.692	0.000	0.000	0.007	0.007	3	6.008	0.000	0.000	0.001	0.001	1
16	5.713	0.000	0.000	0.015	0.015	7	3.744	0.000	0.000	0.010	0.010	3	3.100	0.000	0.000	0.004	0.004	1
17	2.857	0.000	0.000	0.013	0.013	3	2.540	0.000	0.000	0.013	0.013	3	3.092	0.000	0.000	0.001	0.001	0
18	5.451	0.000	0.000	0.015	0.015	7	2.619	0.000	0.000	0.011	0.011	2	4.360	0.000	0.000	0.008	0.008	3
19	1.791	0.000	0.000	0.019	0.019	3	2.535	0.000	0.000	0.008	0.008	2	2.834	0.000	0.000	0.003	0.003	1
20	1.881	0.000	0.000	0.013	0.013	2	34.55	0.010	0.055	0.047	0.112	334	5.451	0.000	0.000	0.003	0.003	1
21	1.845	0.000	0.000	0.005	0.005	1	21.94	0.017	0.022	0.013	0.052	99	3.116	0.000	0.000	0.002	0.002	1
22	1.444	0.000	0.000	0.004	0.004	0	10.79	0.000	0.013	0.004	0.017	16	6.035	0.000	0.000	0.003	0.003	2
23	1.236	0.000	0.000	0.005	0.005	1	7.540	0.000	0.005	0.006	0.011	7	13.66	0.016	0.012	0.006	0.034	40
24	1.404	0.000	0.000	0.008	0.008	1	5.671	0.000	0.000	0.007	0.007	3	12.28	0.000	0.017	0.017	0.034	36
25	1.509	0.000	0.000	0.010	0.010	1	5.411	0.000	0.000	0.007	0.007	3	5.725	0.000	0.000	0.062	0.062	31
26	3.124	0.000	0.000	0.032	0.032	9	8.774	0.000	0.000	0.003	0.003	2	6.279	0.000	0.000	0.058	0.058	31
27	2.054	0.000	0.000	0.017	0.017	3	7.387	0.000	0.000	0.005	0.005	3	5.451	0.000	0.000	0.064	0.064	30
28	10.22	0.000	0.014	0.025	0.039	34	5.956	0.000	0.000	0.007	0.007	4	5.349	0.000	0.000	0.001	0.001	0
29	6.148	0.000	0.021	0.024	0.045	24	3.206	0.000	0.000	0.004	0.004	1	9.386	0.000	0.000	0.005	0.005	4
30	4.698	0.000	0.000	0.010	0.010	4	3.965	0.000	0.000	0.006	0.006	2	19.28	0.000	0.000	0.010	0.010	17
31							2.566	0.000	0.000	0.002	0.002	0	14.01	0.000	0.000	0.001	0.001	1
Ten Daily Mean																		
Ten Daily I	2.776	0.003	0.004	0.005	0.012	4	3.070	0.000	0.000	0.018	0.018	5	6.496	0.001	0.009	0.006	0.016	14
Ten Daily II	3.515	0.000	0.000	0.012	0.012	4	6.324	0.001	0.006	0.013	0.019	35	5.587	0.000	0.000	0.002	0.002	1
Ten Daily III	3.368	0.000	0.004	0.014	0.017	8	7.564	0.002	0.004	0.006	0.011	13	9.143	0.001	0.003	0.021	0.025	18
Monthly Total						162						542						345

Annual Sediment Load (Metric Tonnes) : 5790

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	8.125	0.000	0.000	0.018	0.018	13	7.708	0.000	0.009	0.008	0.017	11	9.828	0.000	0.000	0.012	0.012	10
2	6.051	0.000	0.000	0.017	0.017	9	9.147	0.000	0.006	0.006	0.012	10	7.780	0.000	0.000	0.004	0.004	3
3	19.72	0.006	0.019	0.023	0.048	82	6.272	0.000	0.012	0.009	0.021	11	6.075	0.000	0.000	0.004	0.004	2
4	23.11	0.008	0.024	0.025	0.057	114	12.08	0.000	0.000	0.003	0.003	3	11.08	0.000	0.000	0.020	0.020	19
5	24.34	0.000	0.027	0.021	0.048	101	7.075	0.000	0.000	0.004	0.004	2	7.270	0.000	0.000	0.008	0.008	5
6	39.32	0.004	0.032	0.017	0.053	181	9.021	0.014	0.019	0.006	0.039	30	7.328	0.000	0.000	0.008	0.008	5
7	21.13	0.013	0.011	0.017	0.041	75	11.16	0.024	0.036	0.013	0.073	70	10.99	0.008	0.016	0.007	0.031	29
8	23.28	0.000	0.015	0.022	0.037	74	9.903	0.016	0.026	0.012	0.055	47	10.85	0.000	0.000	0.007	0.007	7
9	39.68	0.188	0.038	0.063	0.289	990	7.216	0.000	0.006	0.009	0.015	9	9.668	0.000	0.000	0.005	0.005	4
10	19.72	0.000	0.002	0.015	0.017	29	6.602	0.000	0.000	0.008	0.008	5	7.926	0.000	0.000	0.007	0.007	5
11	25.99	0.017	0.025	0.027	0.069	155	8.221	0.000	0.000	0.005	0.005	4	6.510	0.000	0.000	0.005	0.005	3
12	18.09	0.000	0.010	0.002	0.012	19	7.834	0.000	0.000	0.007	0.007	5	7.026	0.000	0.000	0.008	0.008	5
13	12.72	0.000	0.014	0.011	0.025	27	7.071	0.000	0.000	0.009	0.009	5	5.403	0.000	0.000	0.010	0.010	5
14	27.16	0.020	0.061	0.017	0.098	230	7.343	0.000	0.000	0.009	0.009	6	6.080	0.000	0.000	0.011	0.011	6
15	17.50	0.028	0.060	0.029	0.117	177	7.708	0.000	0.000	0.009	0.009	6	4.612	0.000	0.000	0.005	0.005	2
16	11.28	0.000	0.000	0.011	0.011	11	5.693	0.011	0.017	0.009	0.037	18	5.615	0.000	0.000	0.010	0.010	5
17	19.72	0.026	0.060	0.026	0.113	192	5.179	0.025	0.035	0.008	0.068	30	6.700	0.000	0.000	0.013	0.013	8
18	35.52	0.008	0.033	0.024	0.065	200	10.29	0.065	0.100	0.008	0.172	153	12.21	0.000	0.000	0.005	0.005	5
19	28.62	0.006	0.023	0.007	0.036	89	5.153	0.000	0.000	0.008	0.008	4	5.135	0.000	0.000	0.008	0.008	3
20	18.59	0.000	0.021	0.003	0.024	39	4.748	0.000	0.000	0.007	0.007	3	4.641	0.000	0.000	0.008	0.008	3
21	15.63	0.000	0.015	0.003	0.018	24	5.262	0.000	0.000	0.006	0.006	3	6.435	0.000	0.000	0.010	0.010	6
22	11.75	0.000	0.000	0.003	0.003	3	10.29	0.000	0.000	0.006	0.006	5	4.224	0.000	0.000	0.008	0.008	3
23	10.89	0.000	0.000	0.001	0.001	1	4.734	0.000	0.000	0.006	0.006	2	4.623	0.000	0.000	0.003	0.003	1
24	9.147	0.000	0.011	0.004	0.014	11	9.273	0.000	0.000	0.006	0.006	5	6.553	0.000	0.000	0.007	0.007	4
25	8.812	0.000	0.013	0.004	0.017	13	10.14	0.000	0.000	0.006	0.006	5	5.752	0.000	0.000	0.002	0.002	1
26	12.93	0.000	0.021	0.006	0.027	30	10.21	0.000	0.000	0.007	0.007	6	7.026	0.000	0.000	0.007	0.007	4
27	10.49	0.000	0.011	0.006	0.017	15	6.287	0.000	0.000	0.005	0.005	3	4.140	0.000	0.000	0.008	0.008	3
28	7.997	0.000	0.000	0.009	0.009	6	10.22	0.013	0.019	0.010	0.042	37	8.115	0.000	0.000	0.012	0.012	8
29	8.325	0.000	0.000	0.011	0.011	8	6.051	0.000	0.008	0.006	0.014	7	4.897	0.000	0.000	0.007	0.007	3
30	8.059	0.000	0.000	0.009	0.009	7	6.399	0.000	0.009	0.006	0.015	8	3.491	0.000	0.000	0.008	0.008	2
31							5.528	0.000	0.000	0.004	0.004	2						
Ten Daily Mean																		
Ten Daily I	22.45	0.022	0.017	0.024	0.063	167	8.618	0.005	0.011	0.008	0.025	20	8.879	0.001	0.002	0.008	0.011	9
Ten Daily II	21.52	0.011	0.031	0.016	0.057	114	6.924	0.010	0.015	0.008	0.033	23	6.393	0.000	0.000	0.008	0.008	4
Ten Daily III	10.40	0.000	0.007	0.006	0.013	12	7.672	0.001	0.003	0.006	0.011	8	5.526	0.000	0.000	0.007	0.007	4
Monthly Total						2926						516						169

Annual Sediment Load (Metric Tonnes) : 5790

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	6.723	0.000	0.000	0.003	0.003	2	6.448	0.000	0.000	0.003	0.003	2	5.785	0.000	0.000	0.007	0.007	3
2	24.02	0.000	0.000	0.018	0.018	38	1.957	0.000	0.000	0.001	0.001	0	4.093	0.000	0.000	0.005	0.005	2
3	12.68	0.000	0.000	0.008	0.008	9	4.161	0.000	0.000	0.001	0.001	0	5.383	0.000	0.000	0.007	0.007	3
4	10.57	0.000	0.000	0.010	0.010	9	3.927	0.000	0.000	0.005	0.005	2	3.472	0.000	0.000	0.004	0.004	1
5	10.01	0.000	0.000	0.006	0.006	5	2.313	0.000	0.000	0.007	0.007	1	6.956	0.000	0.000	0.002	0.002	1
6	8.764	0.000	0.000	0.004	0.004	3	4.844	0.000	0.000	0.001	0.001	0	6.093	0.000	0.000	0.003	0.003	2
7	7.010	0.000	0.000	0.001	0.001	1	3.952	0.000	0.000	0.002	0.002	1	7.923	0.000	0.000	0.002	0.002	1
8	7.084	0.000	0.000	0.001	0.001	1	4.831	0.000	0.000	0.003	0.003	1	5.481	0.000	0.000	0.002	0.002	1
9	8.862	0.000	0.000	0.001	0.001	1	3.579	0.000	0.000	0.003	0.003	1	4.063	0.000	0.000	0.003	0.003	1
10	10.12	0.000	0.000	0.003	0.003	3	4.888	0.000	0.000	0.001	0.001	0	5.174	0.000	0.000	0.001	0.001	0
11	6.602	0.000	0.000	0.004	0.004	2	3.846	0.000	0.000	0.002	0.002	1	1.709	0.000	0.000	0.001	0.001	0
12	10.59	0.000	0.000	0.003	0.003	3	4.210	0.000	0.000	0.002	0.002	1	1.962	0.000	0.000	0.001	0.001	0
13	13.90	0.000	0.000	0.009	0.009	11	9.714	0.000	0.000	0.001	0.001	1	4.272	0.000	0.000	0.002	0.002	1
14	9.836	0.000	0.000	0.005	0.005	4	7.853	0.000	0.000	0.004	0.004	3	3.282	0.000	0.000	0.001	0.001	0
15	4.959	0.000	0.000	0.005	0.005	2	3.416	0.000	0.000	0.006	0.006	2	6.397	0.000	0.000	0.002	0.002	1
16	4.804	0.000	0.000	0.008	0.008	3	1.724	0.000	0.000	0.003	0.003	0	6.811	0.000	0.000	0.002	0.002	1
17	3.952	0.000	0.000	0.009	0.009	3	8.600	0.000	0.000	0.008	0.008	6	4.867	0.000	0.000	0.002	0.002	1
18	3.456	0.000	0.000	0.010	0.010	3	7.896	0.000	0.000	0.005	0.005	3	9.719	0.000	0.000	0.002	0.002	2
19	7.853	0.000	0.000	0.012	0.012	8	5.442	0.000	0.000	0.006	0.006	3	4.309	0.000	0.000	0.002	0.002	1
20	6.078	0.000	0.000	0.009	0.009	5	6.436	0.000	0.000	0.002	0.002	1	6.317	0.000	0.000	0.002	0.002	1
21	6.785	0.000	0.000	0.003	0.003	2	9.329	0.000	0.000	0.004	0.004	3	4.502	0.000	0.000	0.004	0.004	2
22	6.841	0.000	0.000	0.003	0.003	2	5.203	0.000	0.000	0.001	0.001	0	9.456	0.000	0.000	0.005	0.005	4
23	6.447	0.000	0.000	0.002	0.002	1	8.281	0.000	0.000	0.004	0.004	3	7.062	0.000	0.000	0.005	0.005	3
24	3.952	0.000	0.000	0.002	0.002	1	3.678	0.000	0.000	0.007	0.007	2	4.225	0.000	0.000	0.002	0.002	1
25	6.831	0.000	0.000	0.002	0.002	1	6.514	0.000	0.000	0.001	0.001	1	6.831	0.000	0.000	0.005	0.005	3
26	6.888	0.000	0.000	0.002	0.002	1	4.730	0.000	0.000	0.004	0.004	2	1.712	0.000	0.000	0.002	0.002	0
27	6.271	0.000	0.000	0.005	0.005	3	4.112	0.000	0.000	0.004	0.004	1	8.050	0.000	0.000	0.006	0.006	4
28	4.250	0.000	0.000	0.003	0.003	1	3.708	0.000	0.000	0.005	0.005	2	4.653	0.000	0.000	0.003	0.003	1
29	7.750	0.000	0.000	0.005	0.005	3	3.926	0.000	0.000	0.005	0.005	2						
30	5.471	0.000	0.000	0.002	0.002	1	3.875	0.000	0.000	0.002	0.002	1						
31	6.831	0.000	0.000	0.004	0.004	2	6.844	0.000	0.000	0.002	0.002	1						
Ten Daily Mean																		
Ten Daily I	10.58	0.000	0.000	0.006	0.006	7	4.090	0.000	0.000	0.003	0.003	1	5.442	0.000	0.000	0.004	0.004	2
Ten Daily II	7.203	0.000	0.000	0.007	0.007	4	5.914	0.000	0.000	0.004	0.004	2	4.965	0.000	0.000	0.002	0.002	1
Ten Daily III	6.211	0.000	0.000	0.003	0.003	2	5.473	0.000	0.000	0.004	0.004	2	5.811	0.000	0.000	0.004	0.004	2
Monthly																		
Total						134						48						42

Annual Sediment Load (Metric Tonnes) : 5790

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9) **Division : SR Division, Coimbatore**

Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	5.766	0.000	0.000	0.002	0.002	1	8.209	0.000	0.000	0.005	0.005	3	4.953	0.000	0.000	0.007	0.007	3
2	4.950	0.000	0.000	0.004	0.004	2	4.233	0.000	0.000	0.001	0.001	0	2.876	0.000	0.000	0.003	0.003	1
3	3.757	0.000	0.000	0.003	0.003	1	3.214	0.000	0.000	0.003	0.003	1	2.991	0.000	0.000	0.005	0.005	1
4	12.68	0.000	0.000	0.004	0.004	4	12.61	0.000	0.008	0.012	0.020	22	32.25	0.032	0.007	0.000	0.039	109
5	1.588	0.000	0.000	0.002	0.002	0	11.42	0.000	0.019	0.008	0.027	27	13.92	0.000	0.000	0.012	0.012	14
6	9.495	0.000	0.000	0.003	0.003	2	9.331	0.000	0.000	0.005	0.005	4	10.94	0.000	0.000	0.009	0.009	9
7	5.836	0.000	0.000	0.002	0.002	1	5.601	0.000	0.000	0.004	0.004	2	4.762	0.000	0.000	0.003	0.003	1
8	4.204	0.000	0.000	0.003	0.003	1	8.209	0.000	0.000	0.005	0.005	3	12.17	0.000	0.000	0.003	0.003	3
9	8.130	0.000	0.000	0.004	0.004	3	1.774	0.000	0.000	0.057	0.057	9	9.462	0.000	0.000	0.002	0.002	2
10	8.944	0.000	0.000	0.003	0.003	2	11.06	0.000	0.011	0.005	0.016	15	7.844	0.000	0.000	0.002	0.002	1
11	4.203	0.000	0.000	0.003	0.003	1	11.30	0.000	0.017	0.004	0.021	21	8.757	0.000	0.000	0.006	0.006	5
12	2.860	0.000	0.000	0.004	0.004	1	4.763	0.000	0.000	0.000	0.000	0	11.44	0.000	0.000	0.006	0.006	6
13	3.213	0.000	0.000	0.003	0.003	1	11.42	0.000	0.000	0.000	0.000	0	8.574	0.000	0.000	0.004	0.004	3
14	11.42	0.000	0.000	0.005	0.005	5	10.94	0.000	0.000	0.000	0.000	0	7.715	0.000	0.000	0.003	0.003	2
15	7.967	0.000	0.000	0.003	0.003	2	3.245	0.000	0.000	0.004	0.004	1	14.25	0.000	0.000	0.001	0.001	1
16	4.391	0.000	0.000	0.005	0.005	2	9.165	0.000	0.000	0.001	0.001	1	8.657	0.000	0.000	0.005	0.005	4
17	5.505	0.000	0.000	0.006	0.006	3	11.36	0.000	0.000	0.001	0.001	1	8.692	0.000	0.000	0.004	0.004	3
18	4.203	0.000	0.000	0.005	0.005	2	10.23	0.000	0.000	0.002	0.002	2	4.632	0.000	0.000	0.003	0.003	1
19	1.392	0.000	0.000	0.003	0.003	0	11.17	0.000	0.000	0.003	0.003	3	8.648	0.000	0.000	0.004	0.004	3
20	10.77	0.000	0.000	0.007	0.007	7	7.045	0.000	0.000	0.007	0.007	4	8.574	0.000	0.000	0.004	0.004	3
21	9.691	0.000	0.000	0.003	0.003	3	11.25	0.000	0.000	0.001	0.001	1	1.650	0.000	0.000	0.018	0.018	3
22	4.824	0.000	0.000	0.004	0.004	2	10.94	0.000	0.000	0.001	0.001	1	7.611	0.000	0.000	0.001	0.001	1
23	5.302	0.000	0.000	0.002	0.002	1	3.570	0.000	0.000	0.000	0.000	0	6.048	0.000	0.000	0.007	0.007	4
24	6.426	0.000	0.000	0.004	0.004	2	11.67	0.000	0.000	0.005	0.005	5	11.65	0.000	0.000	0.019	0.019	19
25	6.831	0.000	0.000	0.005	0.005	3	9.022	0.000	0.000	0.001	0.001	1	11.18	0.000	0.000	0.008	0.008	8
26	5.362	0.000	0.000	0.002	0.002	1	4.891	0.000	0.000	0.002	0.002	1	30.86	0.047	0.056	0.001	0.104	276
27	7.636	0.000	0.000	0.005	0.005	3	7.874	0.000	0.024	0.003	0.027	18	20.40	0.000	0.000	0.072	0.072	126
28	7.807	0.000	0.000	0.006	0.006	4	10.81	0.000	0.010	0.005	0.015	14	12.16	0.000	0.000	0.015	0.015	16
29	8.209	0.000	0.000	0.006	0.006	5	10.94	0.000	0.010	0.005	0.015	14	7.810	0.000	0.000	0.016	0.016	11
30	4.203	0.000	0.000	0.002	0.002	1	2.813	0.000	0.048	0.001	0.049	12	5.089	0.000	0.000	0.011	0.011	5
31	3.972	0.000	0.000	0.002	0.002	1							9.661	0.000	0.000	0.014	0.014	12
Ten Daily Mean																		
Ten Daily I	6.535	0.000	0.000	0.003	0.003	2	7.566	0.000	0.004	0.010	0.014	9	10.22	0.003	0.001	0.005	0.009	14
Ten Daily II	5.592	0.000	0.000	0.004	0.004	2	9.064	0.000	0.002	0.002	0.004	3	8.994	0.000	0.000	0.004	0.004	3
Ten Daily III	6.388	0.000	0.000	0.004	0.004	2	8.378	0.000	0.009	0.002	0.012	7	11.28	0.004	0.005	0.016	0.026	44
Monthly Total						66						186						655

Annual Sediment Load (Metric Tonnes) : 5790

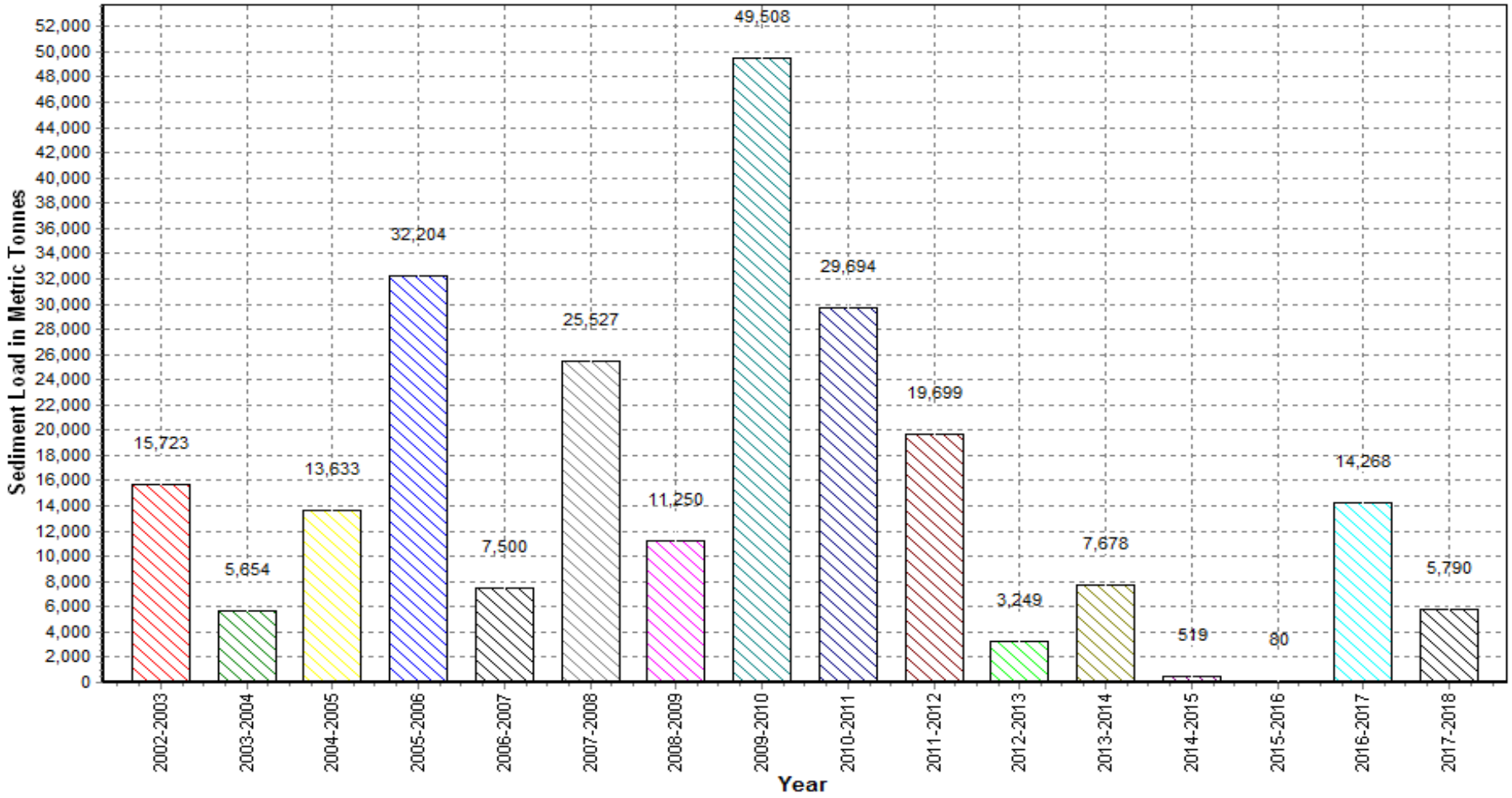
Annual Sediment Load for the period: 2002-2018

Station Name : THENGUMARAHADA (CCGI0E9)

Division : SR Division, Coimbatore

Local River : Moyar

Sub-Division : Middle Cauvery SD, Coimbatore



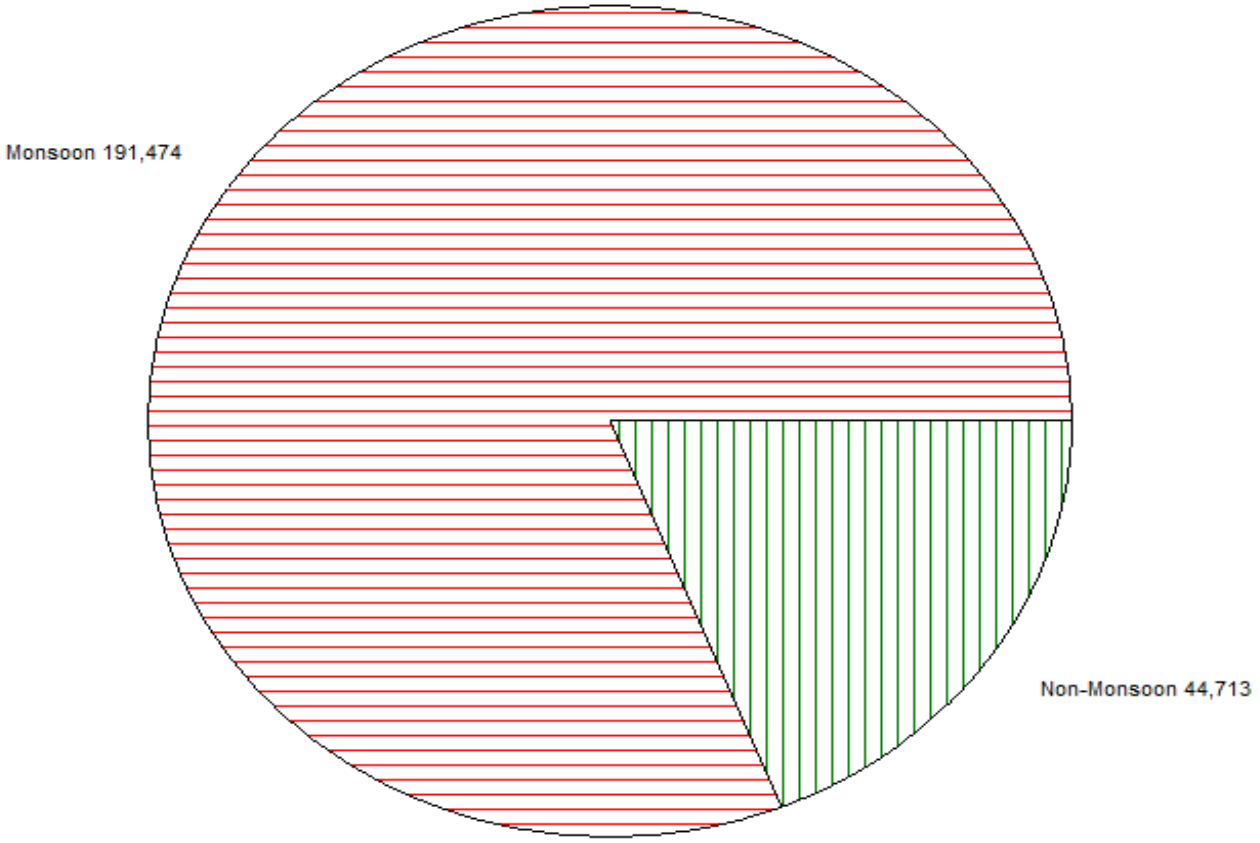
Seasonal Sediment Load for the period : 2002-2017

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



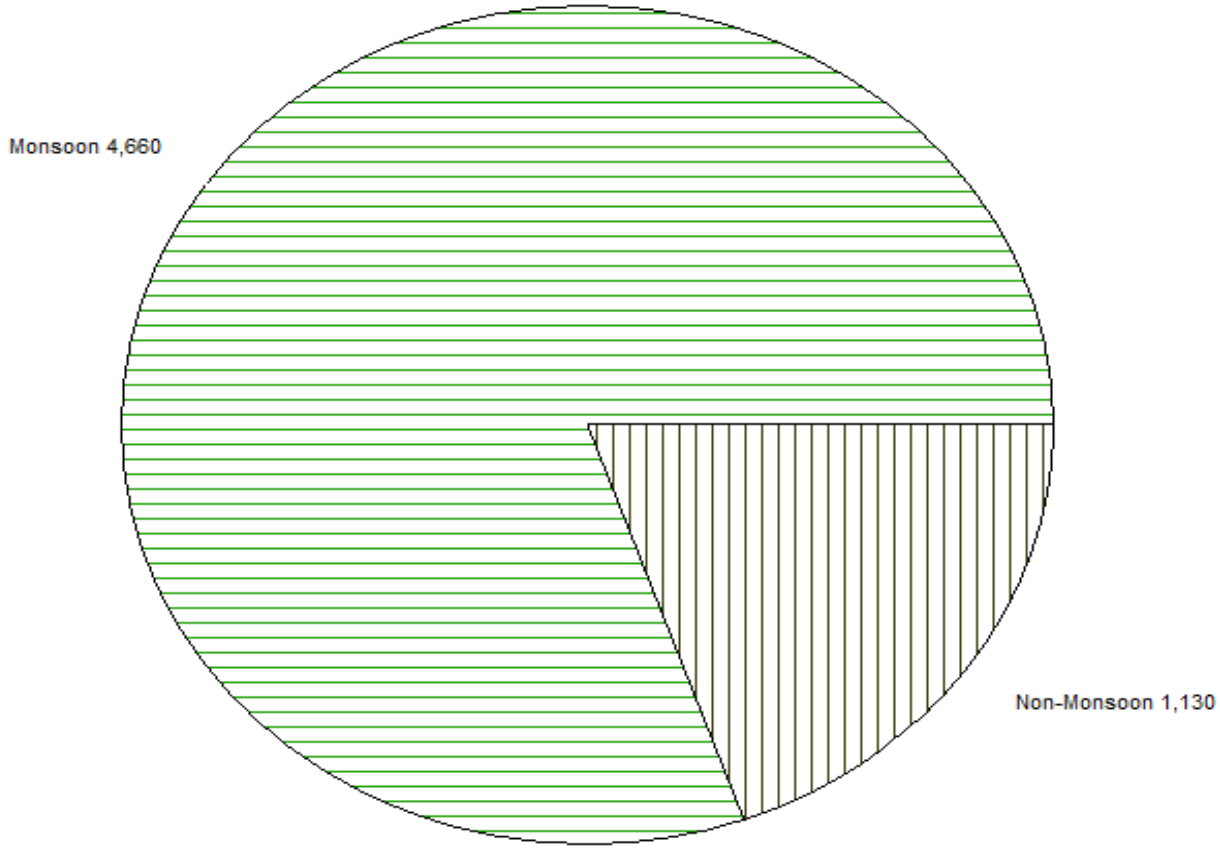
Seasonal Sediment Load for the Year: 2017-2018

Station Name : THENGUMARAHADA (CCGI0E9)

Division : SR Division, Coimbatore

Local River : Moyar

Sub-Division : Middle Cauvery SD, Coimbatore



BED MATERIAL ANALYSIS DATA

RIVER : MOYAR **CODE No. : CCGI0E9**

SITE : THENGUMARAHADA **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	Bed Material Composition		WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017						**DATE OF COLLECTION**				**20-12-2017**							
1	50	-	338.295	338.685	0.39	42.0	0.346		8.0	0.43							
2	65	-	338.185	338.685	0.50	42.0	0.437		11.5	1.26							
3	80	-	338.615	338.685	0.07	42.0	-	6.326	8.0	0.27	42.18	0.466	0.322	0.00040	6.326	11.5	0.65
POST MONSOON 2018						**DATE OF COLLECTION**				**20-02-2018**						
1	50	-	341.715	342.115	0.40	43.0	0.329		9.0	0.40							
2	65	-	341.605	342.115	0.51	43.0	0.411		10.0	0.95							
3	80	-	342.035	342.115	0.08	43.0	-	6.315	5.0	0.94	43.18	0.474	0.476	0.0004	6.315	10.0	0.76
PRE MONSOON 2018						**DATE OF COLLECTION**				**30-05-2018**						
1	50	-	338.325	338.625	0.30	43.0	0.407		5.0	0.48							
2	65	-	338.125	338.625	0.50	43.0	0.392	5.144	14.0	0.68	43.178	0.3643	0.327	0.0004	5.144	14.0	0.47
3	80	-	338.625	-	-				10.0	0.25							

Annual Sediment Load for period : 2003-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2003-2004	7280	9860	17140	136
2004-2005	81908	1193	83101	898
2005-2006	64993	6310	71303	1667
2006-2007	35970	621	36591	1198
2007-2008	50414	903	51317	1690
2008-2009	15377	372	15749	774
2009-2010	39893	4129	44022	2380
2010-2011	40841	11618	52459	2085
2011-2012	39944	7748	47692	2318
2012-2013	18985	2363	21348	1007
2013-2014	33939	4091	38030	2136
2014-2015	21636	4785	26421	1597
2015-2016	22802	3790	26592	1211
2016-2017	5909	0	5909	40
2017-2018	0	0	0	0

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 0

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 0

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
31	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 0

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : NELLITHURAI (CCG00Q8) **Division : SR Division, Coimbatore**

Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31	0.000	0.000	0.000	0.000	0.000	0							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 0

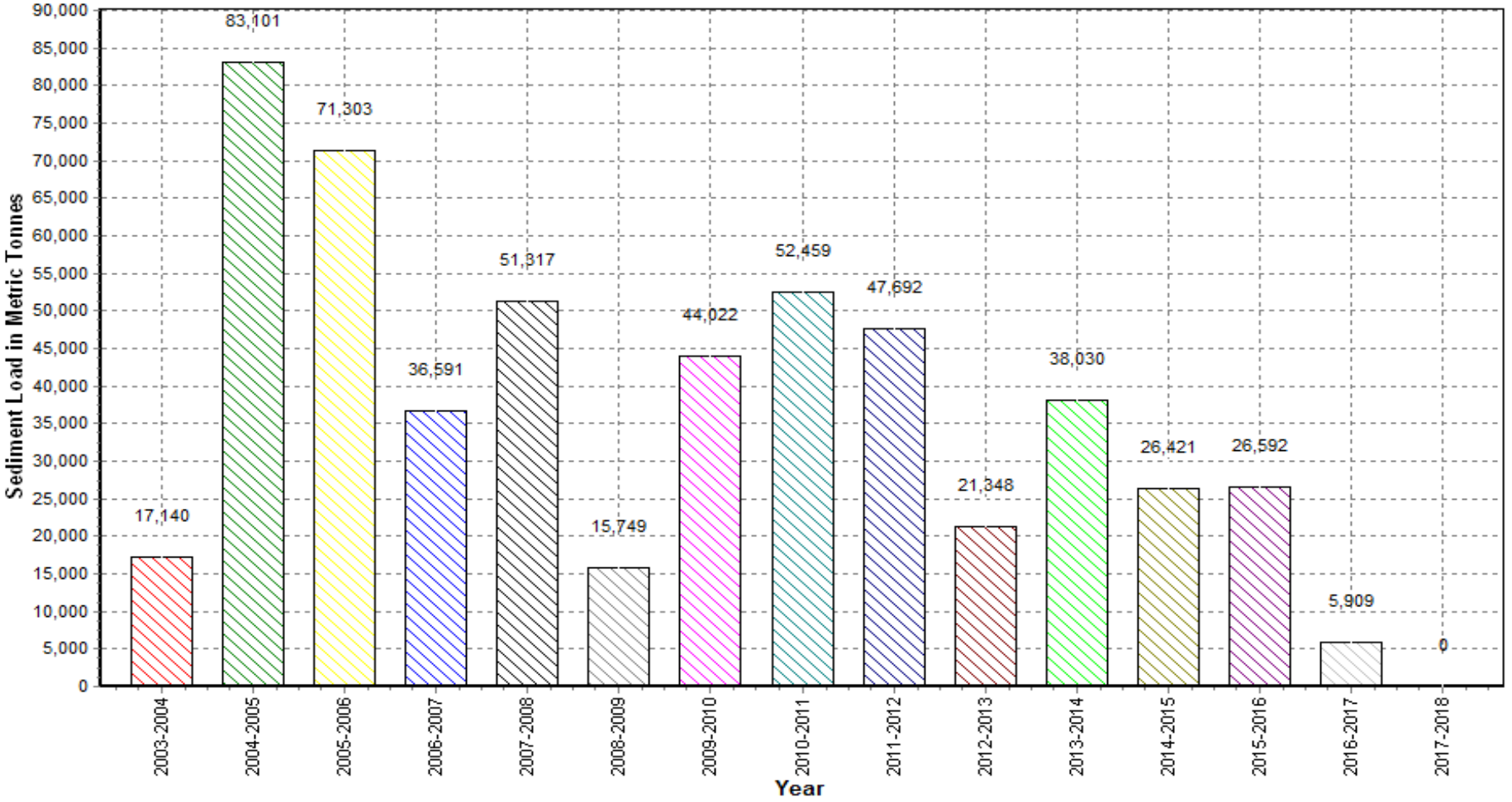
Annual Sediment Load for the period: 2003-2018

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



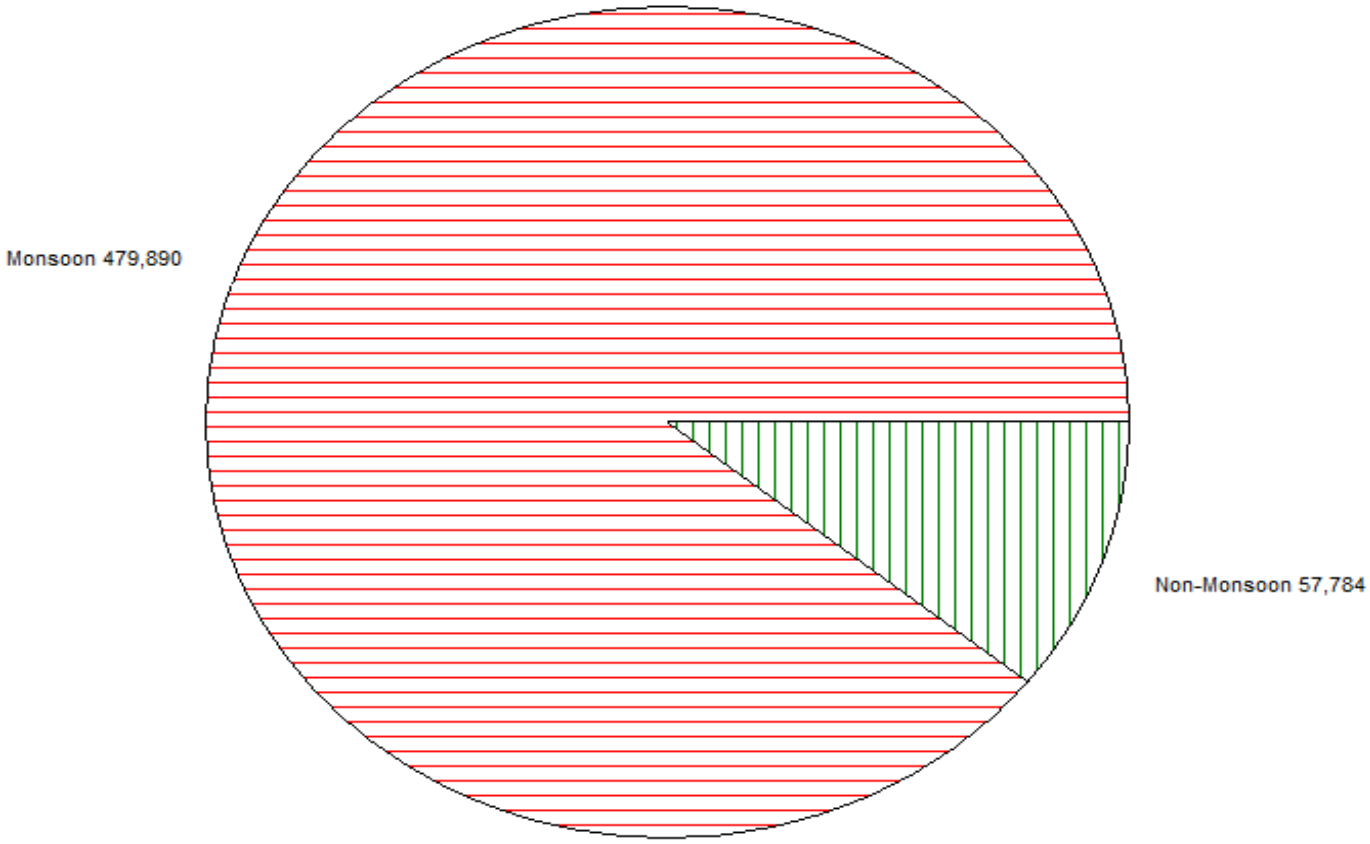
Seasonal Sediment Load for the period : 2003-2017

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



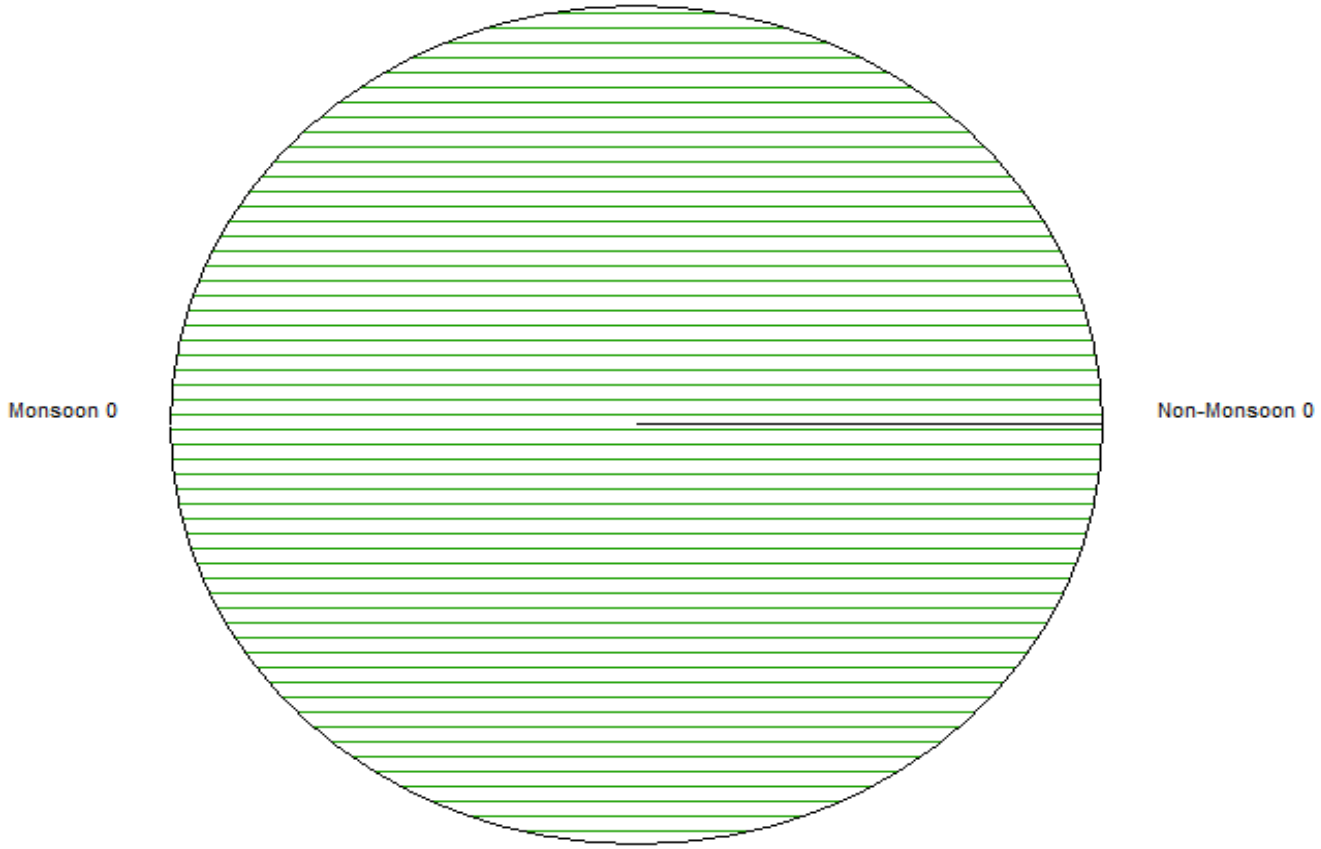
Seasonal Sediment Load for the Year: 2017-2018

Station Name : NELLITHURAI (CCG00Q8)

Division : SR Division, Coimbatore

Local River : Bhavani

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2001-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2001-2002	5771	2213	7984	6806
2002-2003	25036	11524	36560	2811
2003-2004	15700	4915	20615	1662
2004-2005	29003	16648	45651	4055
2005-2006	324392	14504	338896	10038
2006-2007	34067	3089	37156	8668
2007-2008	53155	1018	54173	8328
2008-2009	4401	1211	5612	6730
2009-2010	5453	1657	7110	5785
2010-2011	3650	1858	5508	4840
2011-2012	8296	9364	17660	7882
2012-2013	5311	1317	6628	3163
2013-2014	63192	13311	76503	6402
2014-2015	44672	20730	65402	5614
2015-2016	46143	12341	58484	4752
2016-2017	17791	0	17791	1530
2017-2018	12251	6855	19105	3002

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	81.59	0.000	0.000	0.028	0.028	197
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	113.4	0.000	0.000	0.005	0.005	49
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	86.80	0.000	0.000	0.007	0.007	52
4	0.000	0.000	0.000	0.000	0.000	0	74.31	0.000	0.000	0.038	0.038	244	81.44	0.000	0.000	0.015	0.015	106
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	73.38	0.000	0.000	0.007	0.007	44
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	66.48	0.000	0.000	0.000	0.000	1
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	103.9	0.000	0.000	0.002	0.002	18
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	104.0	0.000	0.000	0.005	0.005	45
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	204.4	0.000	0.000	0.005	0.005	88
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	202.9	0.000	0.000	0.006	0.006	105
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	190.0	0.000	0.000	0.004	0.004	66
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	190.0	0.000	0.000	0.004	0.004	66
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	36.53	0.000	0.000	0.008	0.008	25
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	7.431	0.000	0.000	0.004	0.004	24	111.8	0.000	0.000	0.008	0.008	71
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	41.66	0.000	0.000	0.002	0.002	16
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						244						863

Annual Sediment Load (Metric Tonnes) : 19105

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	132.2	0.000	0.000	0.006	0.006	69
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	116.8	0.000	0.000	0.006	0.006	61
3	0.000	0.000	0.000	0.000	0.000	0	590.8	0.000	0.000	0.008	0.008	408	138.2	0.000	0.000	0.006	0.006	72
4	0.000	0.000	0.000	0.000	0.000	0	525.2	0.000	0.000	0.007	0.007	318	171.2	0.000	0.000	0.005	0.005	74
5	0.000	0.000	0.000	0.000	0.000	0	547.6	0.000	0.000	0.016	0.016	757	92.23	0.000	0.000	0.007	0.007	54
6	0.000	0.000	0.000	0.000	0.000	0	533.0	0.000	0.000	0.010	0.010	461	82.93	0.000	0.000	0.007	0.007	50
7	0.000	0.000	0.000	0.000	0.000	0	515.0	0.000	0.000	0.006	0.006	267	149.7	0.000	0.000	0.006	0.006	78
8	0.000	0.000	0.000	0.000	0.000	0	403.5	0.000	0.000	0.012	0.012	432	128.1	0.000	0.000	0.007	0.007	77
9	0.000	0.000	0.000	0.000	0.000	0	497.5	0.000	0.000	0.007	0.007	301	120.6	0.000	0.000	0.007	0.007	73
10	0.000	0.000	0.000	0.000	0.000	0	494.8	0.000	0.000	0.012	0.012	513	131.8	0.000	0.000	0.006	0.006	68
11	0.000	0.000	0.000	0.000	0.000	0	528.2	0.000	0.000	0.005	0.005	228	121.8	0.000	0.000	0.006	0.006	63
12	0.000	0.000	0.000	0.000	0.000	0	608.3	0.000	0.000	0.006	0.006	315	116.9	0.000	0.000	0.008	0.008	81
13	207.6	0.000	0.000	0.003	0.003	54	620.1	0.000	0.000	0.005	0.005	268	124.2	0.000	0.000	0.005	0.005	54
14	346.7	0.000	0.000	0.010	0.010	300	532.7	0.000	0.000	0.004	0.004	184	205.1	0.000	0.000	0.005	0.005	89
15	358.3	0.000	0.000	0.010	0.010	310	513.4	0.000	0.000	0.004	0.004	177	215.6	0.000	0.000	0.006	0.006	108
16	151.0	0.000	0.000	0.003	0.003	39	523.6	0.000	0.000	0.004	0.004	181	214.8	0.000	0.000	0.006	0.006	104
17	142.7	0.000	0.000	0.002	0.002	18	658.7	0.000	0.000	0.005	0.005	285	218.9	0.000	0.000	0.005	0.005	98
18	145.3	0.000	0.000	0.002	0.002	25	647.1	0.000	0.000	0.005	0.005	280	221.5	0.000	0.000	0.005	0.005	103
19	77.18	0.000	0.000	0.004	0.004	27	654.0	0.000	0.000	0.005	0.005	283	231.4	0.000	0.000	0.006	0.006	120
20	81.88	0.000	0.000	0.004	0.004	28	628.2	0.000	0.000	0.004	0.004	217	232.1	0.000	0.000	0.005	0.005	108
21	85.80	0.000	0.000	0.004	0.004	30	661.5	0.000	0.000	0.004	0.004	229	216.6	0.000	0.000	0.005	0.005	95
22	72.02	0.000	0.000	0.004	0.004	25	530.2	0.000	0.000	0.003	0.003	137	217.6	0.000	0.000	0.006	0.006	105
23	79.77	0.000	0.000	0.005	0.005	34	490.6	0.000	0.000	0.003	0.003	127	223.0	0.000	0.000	0.005	0.005	96
24	81.08	0.000	0.000	0.005	0.005	35	504.8	0.000	0.000	0.005	0.005	218	223.8	0.000	0.000	0.005	0.005	97
25	94.58	0.000	0.000	0.005	0.005	41	508.4	0.000	0.000	0.003	0.003	132	233.1	0.000	0.000	0.005	0.005	101
26	0.000	0.000	0.000	0.000	0.000	0	521.7	0.000	0.000	0.004	0.004	180	245.2	0.000	0.000	0.005	0.005	106
27	0.000	0.000	0.000	0.000	0.000	0	504.1	0.000	0.000	0.004	0.004	174	237.1	0.000	0.000	0.005	0.005	102
28	0.000	0.000	0.000	0.000	0.000	0	503.5	0.000	0.000	0.004	0.004	174	237.6	0.000	0.000	0.005	0.005	103
29	0.000	0.000	0.000	0.000	0.000	0	378.3	0.000	0.000	0.004	0.004	131	208.3	0.000	0.000	0.005	0.005	90
30	0.000	0.000	0.000	0.000	0.000	0	372.3	0.000	0.000	0.004	0.004	129	153.9	0.000	0.000	0.004	0.004	53
31							232.9	0.000	0.000	0.006	0.006	121						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	410.8	0.000	0.000	0.008	0.008	346	126.4	0.000	0.000	0.006	0.006	68
Ten Daily II	151.1	0.000	0.000	0.004	0.004	80	591.4	0.000	0.000	0.005	0.005	242	190.2	0.000	0.000	0.006	0.006	93
Ten Daily III	41.32	0.000	0.000	0.002	0.002	16	473.5	0.000	0.000	0.004	0.004	159	219.6	0.000	0.000	0.005	0.005	95
Monthly Total						966						7626						2552

Annual Sediment Load (Metric Tonnes) : 19105

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	271.4	0.000	0.000	0.009	0.009	218	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	274.4	0.000	0.000	0.011	0.011	254	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	271.4	0.000	0.000	0.007	0.007	166	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	274.4	0.000	0.000	0.010	0.010	237	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	269.4	0.000	0.000	0.006	0.006	144	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	271.4	0.000	0.000	0.009	0.009	220	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	286.0	0.000	0.000	0.010	0.010	245	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	82.41	0.000	0.000	0.006	0.006	41	0.000	0.000	0.000	0.000	0.000	0
9	232.1	0.000	0.000	0.005	0.005	104	83.39	0.000	0.000	0.008	0.008	55	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	82.83	0.000	0.000	0.006	0.006	42	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	78.48	0.000	0.000	0.003	0.003	23	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	82.23	0.000	0.000	0.009	0.009	65	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	78.48	0.000	0.000	0.009	0.009	64	0.000	0.000	0.000	0.000	0.000	0
14	232.1	0.000	0.000	0.006	0.006	128	74.44	0.000	0.000	0.008	0.008	49	0.000	0.000	0.000	0.000	0.000	0
15	268.5	0.000	0.000	0.006	0.006	139	75.48	0.000	0.000	0.008	0.008	53	0.000	0.000	0.000	0.000	0.000	0
16	268.5	0.000	0.000	0.006	0.006	132	78.48	0.000	0.000	0.009	0.009	62	0.000	0.000	0.000	0.000	0.000	0
17	265.6	0.000	0.000	0.006	0.006	129	78.48	0.000	0.000	0.010	0.010	68	0.000	0.000	0.000	0.000	0.000	0
18	260.4	0.000	0.000	0.005	0.005	119	82.23	0.000	0.000	0.010	0.010	67	0.000	0.000	0.000	0.000	0.000	0
19	263.4	0.000	0.000	0.005	0.005	116	269.9	0.000	0.000	0.009	0.009	201	0.000	0.000	0.000	0.000	0.000	0
20	263.4	0.000	0.000	0.005	0.005	107	364.8	0.000	0.000	0.011	0.011	347	0.000	0.000	0.000	0.000	0.000	0
21	264.8	0.000	0.000	0.006	0.006	128	243.4	0.000	0.000	0.008	0.008	177	0.000	0.000	0.000	0.000	0.000	0
22	245.5	0.000	0.000	0.007	0.007	144	247.1	0.000	0.000	0.009	0.009	181	0.000	0.000	0.000	0.000	0.000	0
23	211.6	0.000	0.000	0.007	0.007	122	268.1	0.000	0.000	0.009	0.009	199	0.000	0.000	0.000	0.000	0.000	0
24	203.9	0.000	0.000	0.008	0.008	132	215.4	0.000	0.000	0.008	0.008	154	0.000	0.000	0.000	0.000	0.000	0
25	203.9	0.000	0.000	0.008	0.008	132	220.2	0.000	0.000	0.009	0.009	164	0.000	0.000	0.000	0.000	0.000	0
26	217.6	0.000	0.000	0.006	0.006	115	48.03	0.000	0.000	0.006	0.006	26	0.000	0.000	0.000	0.000	0.000	0
27	214.1	0.000	0.000	0.006	0.006	113	67.17	0.000	0.000	0.007	0.007	38	0.000	0.000	0.000	0.000	0.000	0
28	215.4	0.000	0.000	0.006	0.006	115	44.50	0.000	0.000	0.004	0.004	17	0.000	0.000	0.000	0.000	0.000	0
29	215.4	0.000	0.000	0.006	0.006	119	0.000	0.000	0.000	0.000	0.000	0						
30	269.9	0.000	0.000	0.006	0.006	135	0.000	0.000	0.000	0.000	0.000	0						
31	280.8	0.000	0.000	0.006	0.006	146	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	23.21	0.000	0.000	0.001	0.001	10	216.7	0.000	0.000	0.008	0.008	162	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	182.2	0.000	0.000	0.004	0.004	87	126.3	0.000	0.000	0.009	0.009	100	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	231.2	0.000	0.000	0.006	0.006	127	123.1	0.000	0.000	0.005	0.005	87	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						2377						3577						0

Annual Sediment Load (Metric Tonnes) : 19105

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : URACHIKOTTAI (CC000K5) **Division : SR Division, Coimbatore**

Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	52.70	0.000	0.000	0.012	0.012	55
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	86.52	0.000	0.000	0.007	0.007	52
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	78.83	0.000	0.000	0.008	0.008	53
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	76.65	0.000	0.000	0.008	0.008	53
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	57.92	0.000	0.000	0.010	0.010	50
16	0.000	0.000	0.000	0.000	0.000	0	146.4	0.000	0.000	0.009	0.009	118	62.80	0.000	0.000	0.009	0.009	49
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	76.42	0.000	0.000	0.009	0.009	59
18	54.16	0.000	0.000	0.007	0.007	32	0.000	0.000	0.000	0.000	0.000	0	74.89	0.000	0.000	0.009	0.009	58
19	81.99	0.000	0.000	0.008	0.008	59	0.000	0.000	0.000	0.000	0.000	0	57.32	0.000	0.000	0.009	0.009	45
20	40.22	0.000	0.000	0.006	0.006	22	0.000	0.000	0.000	0.000	0.000	0	60.61	0.000	0.000	0.009	0.009	47
21	60.30	0.000	0.000	0.008	0.008	39	0.000	0.000	0.000	0.000	0.000	0	53.11	0.000	0.000	0.009	0.009	41
22	54.24	0.000	0.000	0.006	0.006	29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	64.03	0.000	0.000	0.007	0.007	40	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31	0.000	0.000	0.000	0.000	0.000	0							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	17.64	0.000	0.000	0.002	0.002	11	14.64	0.000	0.000	0.001	0.001	12	68.47	0.000	0.000	0.009	0.009	52
Ten Daily III	16.23	0.000	0.000	0.002	0.002	10	0.000	0.000	0.000	0.000	0.000	0	4.828	0.000	0.000	0.001	0.001	4
Monthly																		
Total						221						118						563

Annual Sediment Load (Metric Tonnes) : 19105

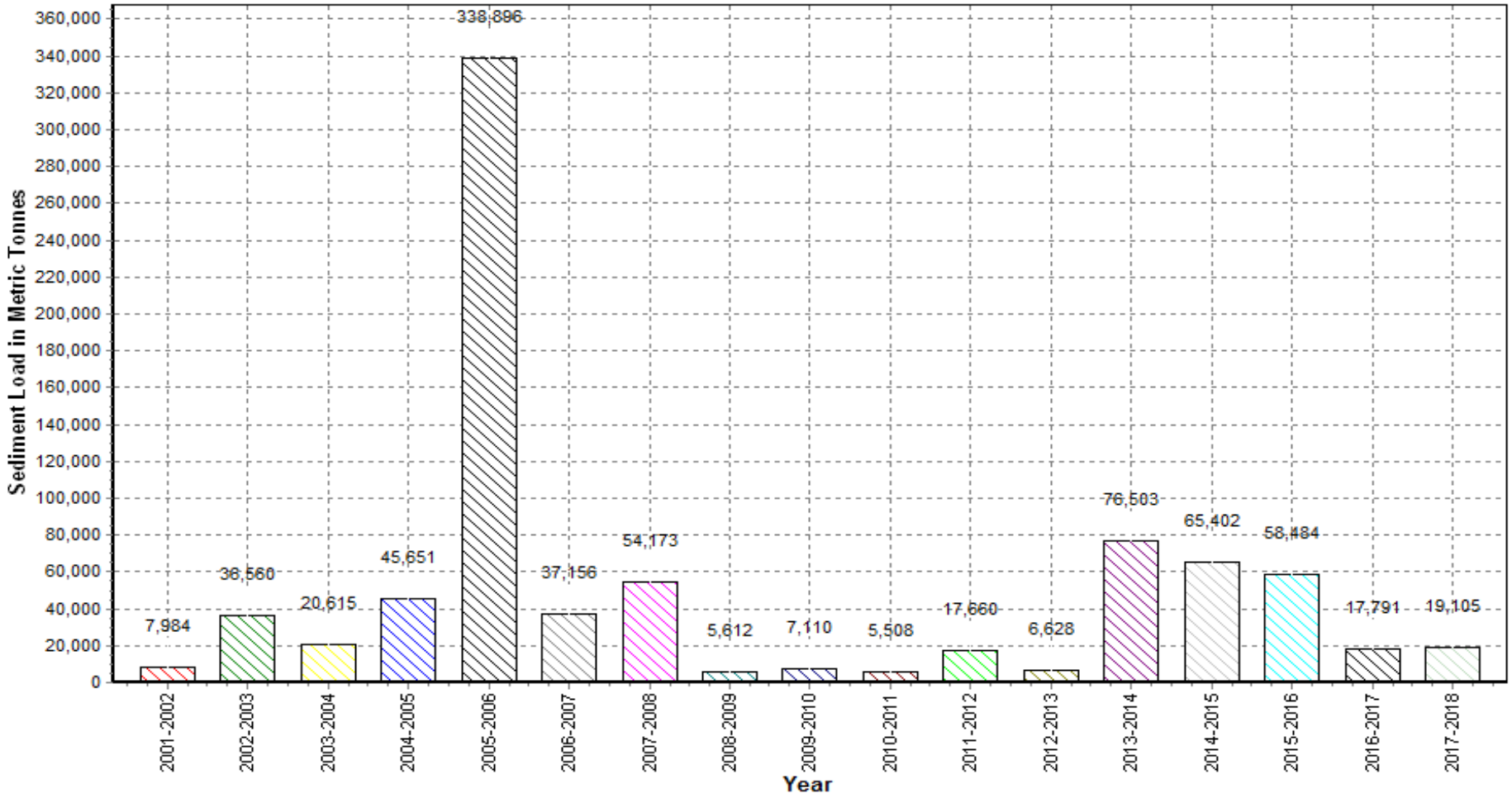
Annual Sediment Load for the period: 2001-2018

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



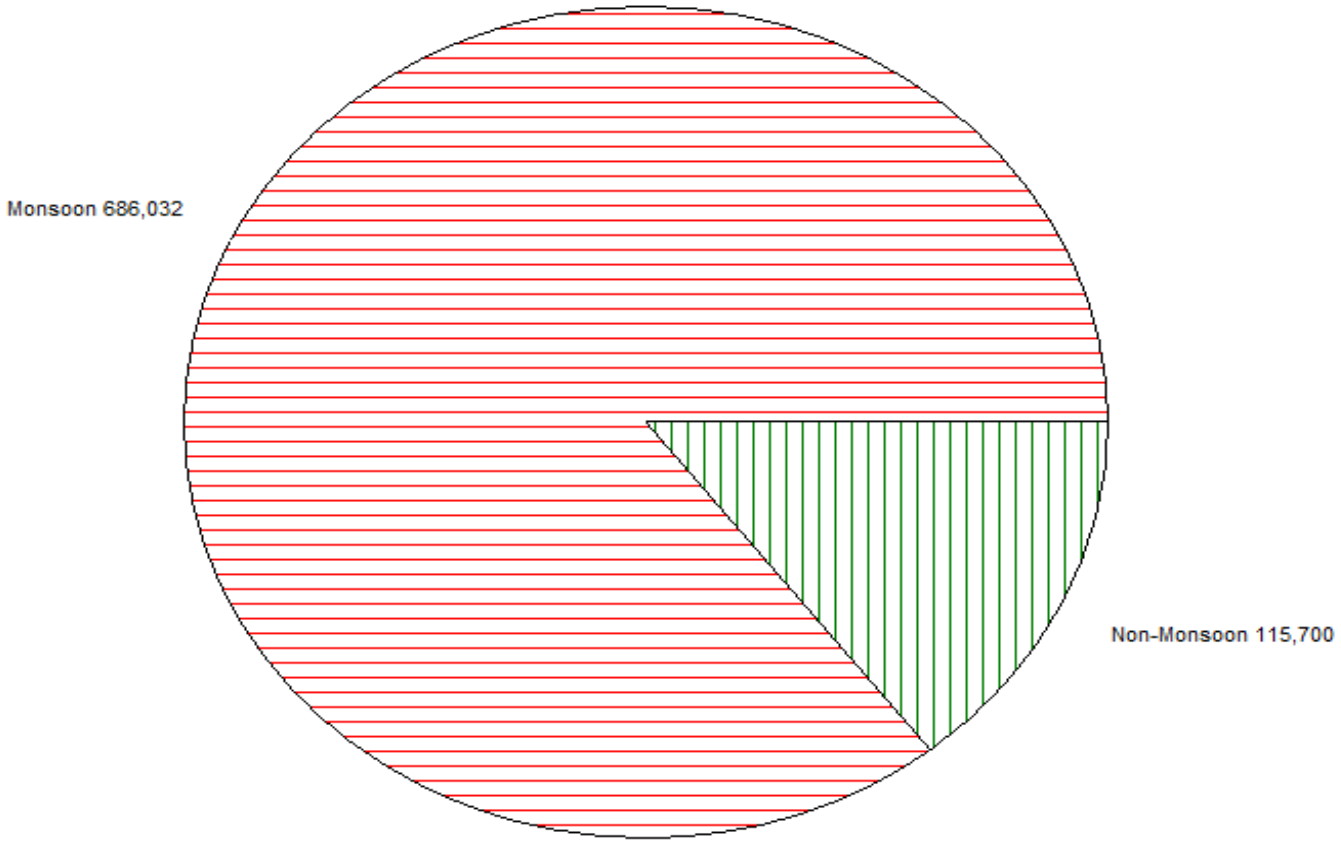
Seasonal Sediment Load for the period : 2001-2017

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



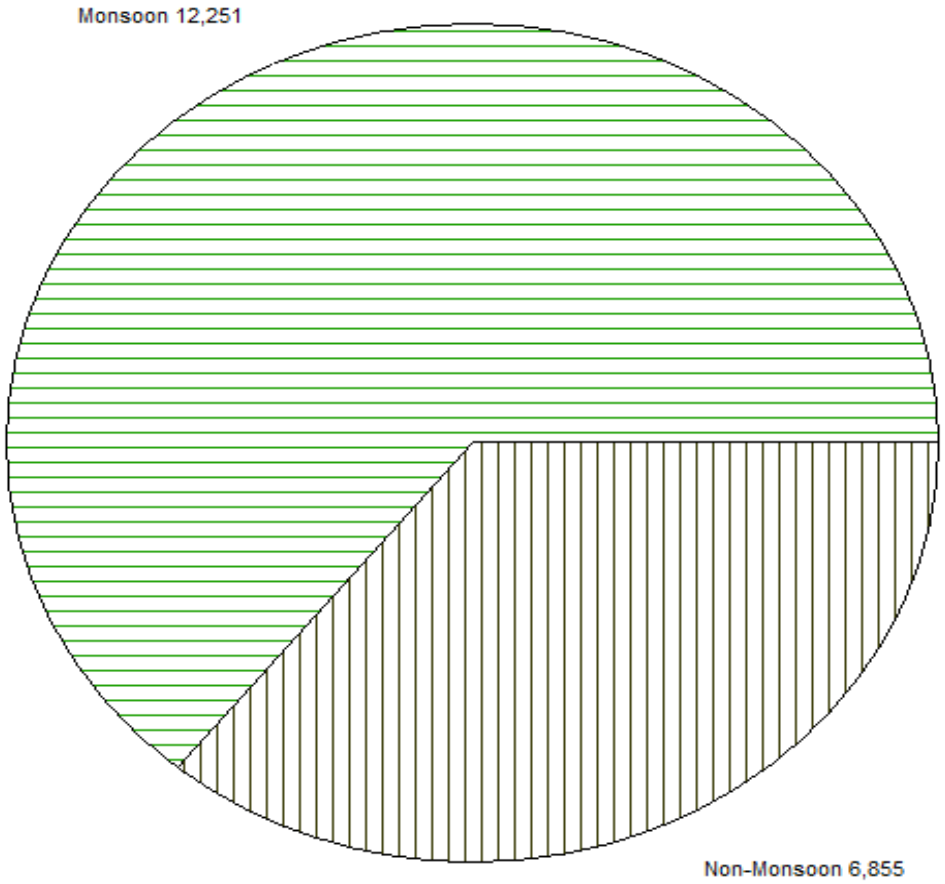
Seasonal Sediment Load for the Year: 2017-2018

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2013-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	541	0	541	3
2014-2015	5774	678	6452	35
2015-2016	1683	492	2174	12
2016-2017	106	60	166	3
2017-2018	8156	1190	9346	39

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 9346

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.780	0.000	0.000	0.019	0.019	5
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.767	0.000	0.000	0.022	0.022	7
3	2.117	0.000	0.000	0.164	0.164	30	0.000	0.000	0.000	0.000	0.000	0	3.704	0.000	0.000	0.031	0.031	10
4	3.448	0.000	0.000	0.059	0.059	18	3.638	0.000	0.000	0.233	0.233	73	3.805	0.000	0.000	0.022	0.022	7
5	3.986	0.000	0.000	0.308	0.308	106	1.673	0.000	0.000	0.248	0.248	36	3.003	0.000	0.000	0.025	0.025	7
6	13.62	0.000	0.000	0.233	0.233	274	3.189	0.000	0.000	0.126	0.126	35	4.679	0.000	0.000	0.018	0.018	7
7	1.143	0.000	0.000	0.020	0.020	2	3.685	0.000	0.000	0.127	0.127	40	4.495	0.000	0.000	0.017	0.017	7
8	1.694	0.000	0.000	1.054	1.054	154	2.477	0.000	0.000	0.051	0.051	11	7.419	0.000	0.000	0.084	0.084	54
9	0.979	0.000	0.000	0.017	0.017	1	4.958	0.000	0.000	0.207	0.207	89	3.651	0.000	0.000	0.019	0.019	6
10	2.117	0.000	0.000	0.036	0.036	7	2.170	0.000	0.000	0.244	0.244	46	2.790	0.000	0.000	0.010	0.010	2
11	43.28	0.000	0.000	0.741	0.741	2769	34.25	0.000	0.000	0.467	0.467	1380	2.641	0.000	0.000	0.012	0.012	3
12	4.082	0.000	0.000	0.137	0.137	48	8.035	0.000	0.000	0.223	0.223	155	2.309	0.000	0.000	0.028	0.028	6
13	1.479	0.000	0.000	0.061	0.061	8	14.28	0.000	0.000	0.328	0.328	405	2.149	0.000	0.000	0.036	0.036	7
14	0.906	0.000	0.000	0.038	0.038	3	10.28	0.000	0.000	0.343	0.343	305	5.783	0.000	0.000	0.029	0.029	14
15	4.160	0.000	0.000	0.172	0.172	62	10.79	0.000	0.000	0.341	0.341	318	3.007	0.000	0.000	0.039	0.039	10
16	0.963	0.000	0.000	0.106	0.106	9	6.716	0.000	0.000	0.392	0.392	227	2.543	0.000	0.000	0.054	0.054	12
17	5.501	0.000	0.000	0.200	0.200	95	7.314	0.000	0.000	0.205	0.205	130	2.643	0.000	0.000	0.026	0.026	6
18	12.67	0.000	0.000	0.348	0.348	381	4.527	0.000	0.000	0.167	0.167	65	1.980	0.000	0.000	0.044	0.044	8
19	1.811	0.000	0.000	0.104	0.104	16	11.40	0.000	0.000	0.261	0.261	257	1.719	0.000	0.000	0.046	0.046	7
20	1.173	0.000	0.000	0.090	0.090	9	5.626	0.000	0.000	0.083	0.083	40	1.794	0.000	0.000	0.043	0.043	7
21	0.693	0.000	0.000	0.079	0.079	5	5.448	0.000	0.000	0.018	0.018	8	1.801	0.000	0.000	0.044	0.044	7
22	0.000	0.000	0.000	0.000	0.000	0	4.339	0.000	0.000	0.035	0.035	13	1.561	0.000	0.000	0.053	0.053	7
23	0.000	0.000	0.000	0.000	0.000	0	3.020	0.000	0.000	0.055	0.055	14	1.525	0.000	0.000	0.052	0.052	7
24	0.000	0.000	0.000	0.000	0.000	0	3.407	0.000	0.000	0.056	0.056	16	1.301	0.000	0.000	0.044	0.044	5
25	0.000	0.000	0.000	0.000	0.000	0	3.099	0.000	0.000	0.032	0.032	9	1.249	0.000	0.000	0.042	0.042	5
26	1.512	0.000	0.000	0.097	0.097	13	3.537	0.000	0.000	0.026	0.026	8	1.227	0.000	0.000	0.042	0.042	4
27	4.615	0.000	0.000	0.167	0.167	67	3.623	0.000	0.000	0.019	0.019	6	1.404	0.000	0.000	0.048	0.048	6
28	3.929	0.000	0.000	0.038	0.038	13	4.715	0.000	0.000	0.083	0.083	34	1.287	0.000	0.000	0.044	0.044	5
29	4.058	0.000	0.000	0.156	0.156	55	3.471	0.000	0.000	0.035	0.035	11	1.185	0.000	0.000	0.040	0.040	4
30	1.738	0.000	0.000	0.067	0.067	10	2.890	0.000	0.000	0.013	0.013	3	1.305	0.000	0.000	0.044	0.044	5
31							3.427	0.000	0.000	0.077	0.077	23						
Ten Daily Mean																		
Ten Daily I	2.910	0.000	0.000	0.189	0.189	59	2.179	0.000	0.000	0.124	0.124	33	4.009	0.000	0.000	0.027	0.027	11
Ten Daily II	7.602	0.000	0.000	0.200	0.200	340	11.32	0.000	0.000	0.281	0.281	328	2.657	0.000	0.000	0.036	0.036	8
Ten Daily III	1.655	0.000	0.000	0.060	0.060	16	3.725	0.000	0.000	0.041	0.041	13	1.385	0.000	0.000	0.045	0.045	5
Monthly																		
Total						4154						3757						245

Annual Sediment Load (Metric Tonnes) : 9346

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	1.907	0.000	0.000	0.051	0.051	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	15.82	0.000	0.000	0.358	0.358	489	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	6.152	0.000	0.000	0.256	0.256	136	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	3.162	0.000	0.000	0.225	0.225	61	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	2.599	0.000	0.000	0.131	0.131	29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	2.459	0.000	0.000	0.124	0.124	26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	2.133	0.000	0.000	0.167	0.167	31	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	1.922	0.000	0.000	0.030	0.030	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	1.785	0.000	0.000	0.039	0.039	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	1.672	0.000	0.000	0.041	0.041	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	1.511	0.000	0.000	0.043	0.043	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	1.416	0.000	0.000	0.051	0.051	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	1.392	0.000	0.000	0.050	0.050	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	1.451	0.000	0.000	0.052	0.052	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	1.264	0.000	0.000	0.046	0.046	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	1.147	0.000	0.000	0.041	0.041	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	1.277	0.000	0.000	0.046	0.046	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	1.115	0.000	0.000	0.040	0.040	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	1.109	0.000	0.000	0.040	0.040	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	1.082	0.000	0.000	0.039	0.039	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.883	0.000	0.000	0.032	0.032	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.803	0.000	0.000	0.029	0.029	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.851	0.000	0.000	0.031	0.031	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.773	0.000	0.000	0.028	0.028	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.773	0.000	0.000	0.028	0.028	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.612	0.000	0.000	0.022	0.022	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.557	0.000	0.000	0.020	0.020	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.502	0.000	0.000	0.018	0.018	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.500	0.000	0.000	0.018	0.018	1	0.000	0.000	0.000	0.000	0.000	0						
30	0.483	0.000	0.000	0.017	0.017	1	0.000	0.000	0.000	0.000	0.000	0						
31	0.459	0.000	0.000	0.017	0.017	1	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	3.961	0.000	0.000	0.142	0.142	80	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	1.276	0.000	0.000	0.045	0.045	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.654	0.000	0.000	0.024	0.024	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						864						0						0

Annual Sediment Load (Metric Tonnes) : 9346

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : KUDLUR (CCK00L9) **Division : SR Division, Coimbatore**

Local River : Palar **Sub-Division : Middle Cauvery SD, Coimbatore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.382	0.000	0.000	0.014	0.014	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.342	0.000	0.000	0.013	0.013	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.434	0.000	0.000	0.016	0.016	1
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.536	0.000	0.000	0.020	0.020	1
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	6.285	0.000	0.000	0.229	0.229	124
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.443	0.000	0.000	0.240	0.240	30
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.069	0.000	0.000	0.241	0.241	22
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.714	0.000	0.000	0.242	0.242	15
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.742	0.000	0.000	0.237	0.237	56
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.906	0.000	0.000	0.241	0.241	19
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.024	0.000	0.000	0.241	0.241	21
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.664	0.000	0.000	0.242	0.242	14
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.548	0.000	0.000	0.242	0.242	11
31	0.000	0.000	0.000	0.000	0.000	0							0.478	0.000	0.000	0.242	0.242	10
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.116	0.000	0.000	0.004	0.004	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.492	0.000	0.000	0.220	0.220	29
Monthly																		
Total						0						0						325

Annual Sediment Load (Metric Tonnes) : 9346

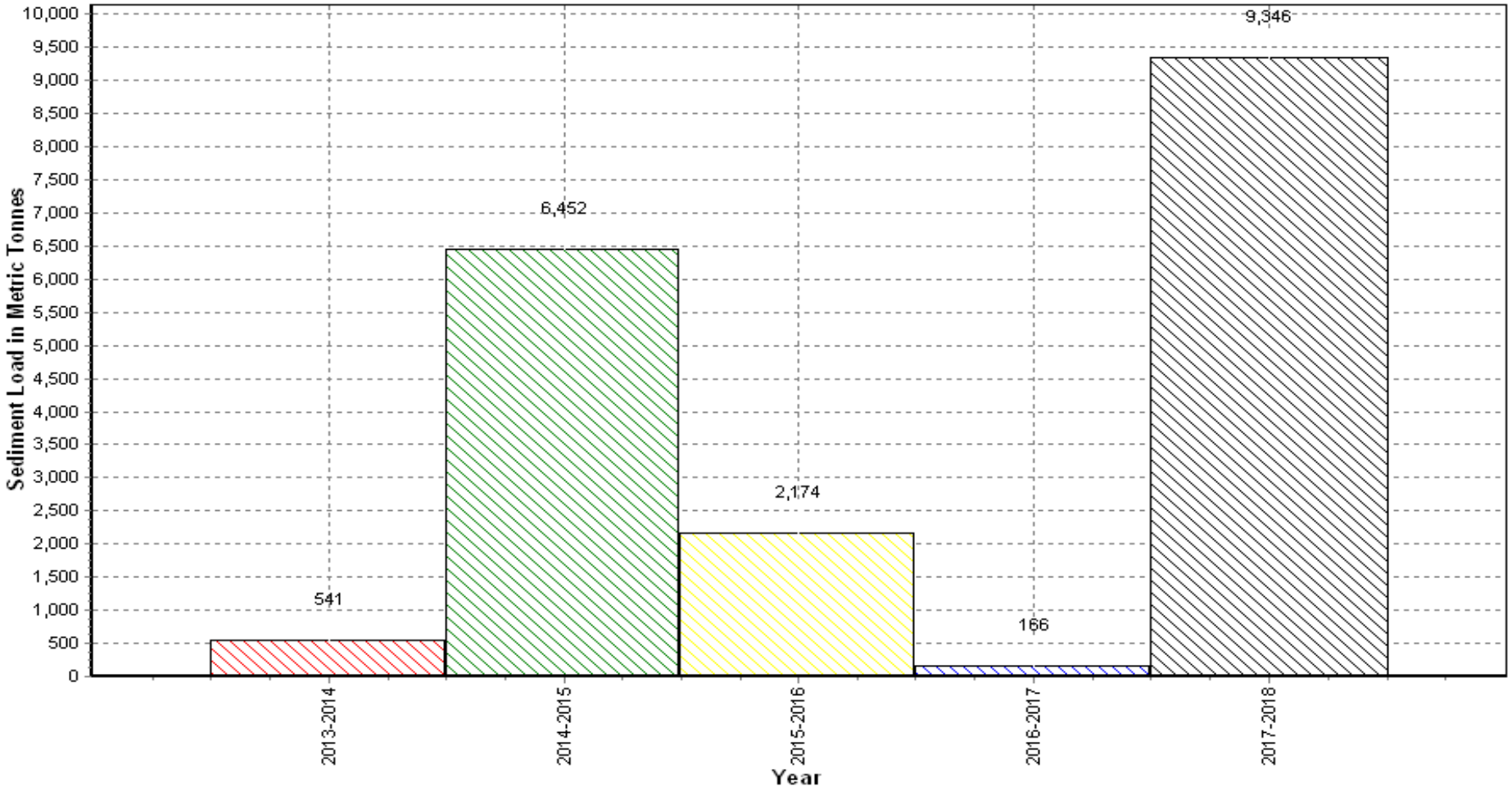
Annual Sediment Load for the period: 2013-2018

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

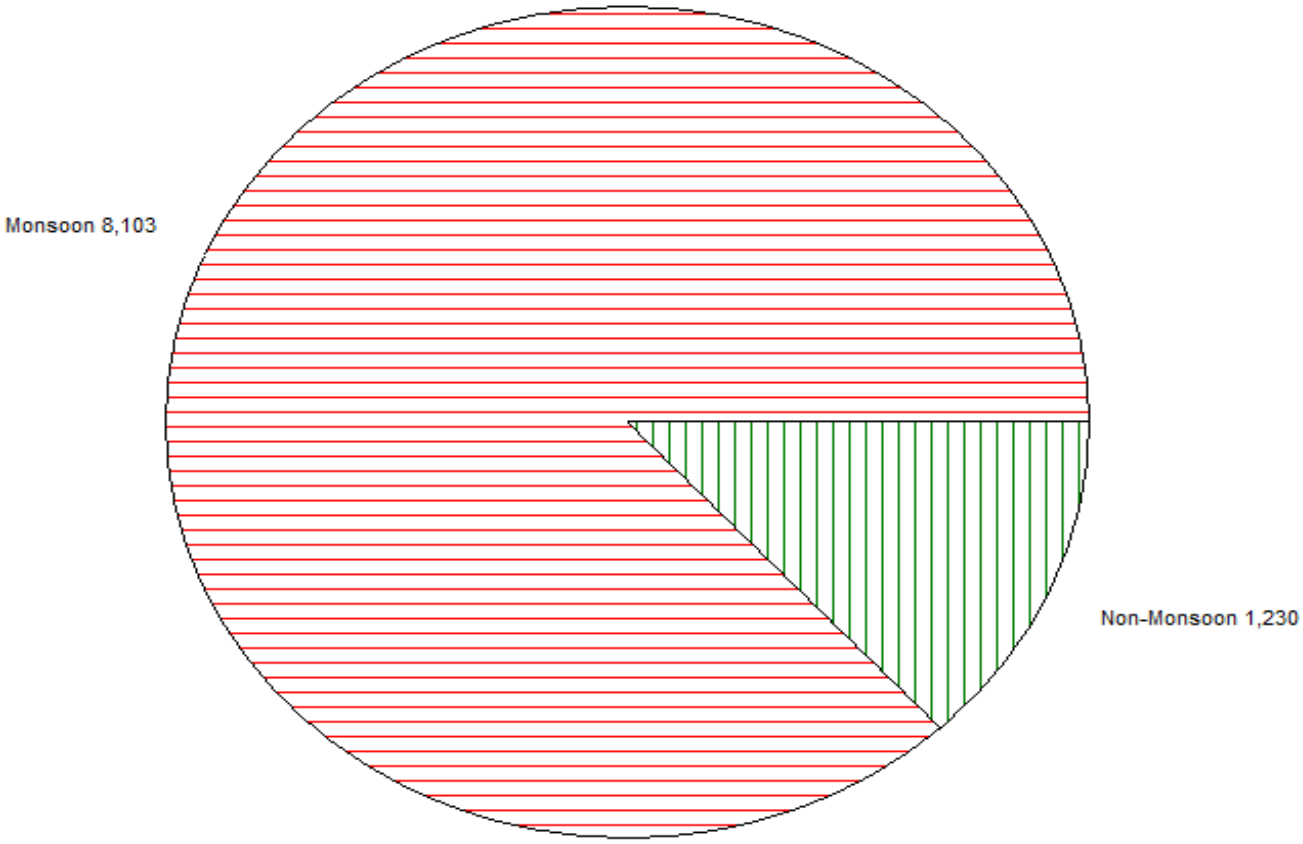
Sub-Division : Middle Cauvery SD, Coimbatore



Seasonal Sediment Load for the period : 2013-2017

Station Name : KUDLUR (CCK00L9)
Local River : Palar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore

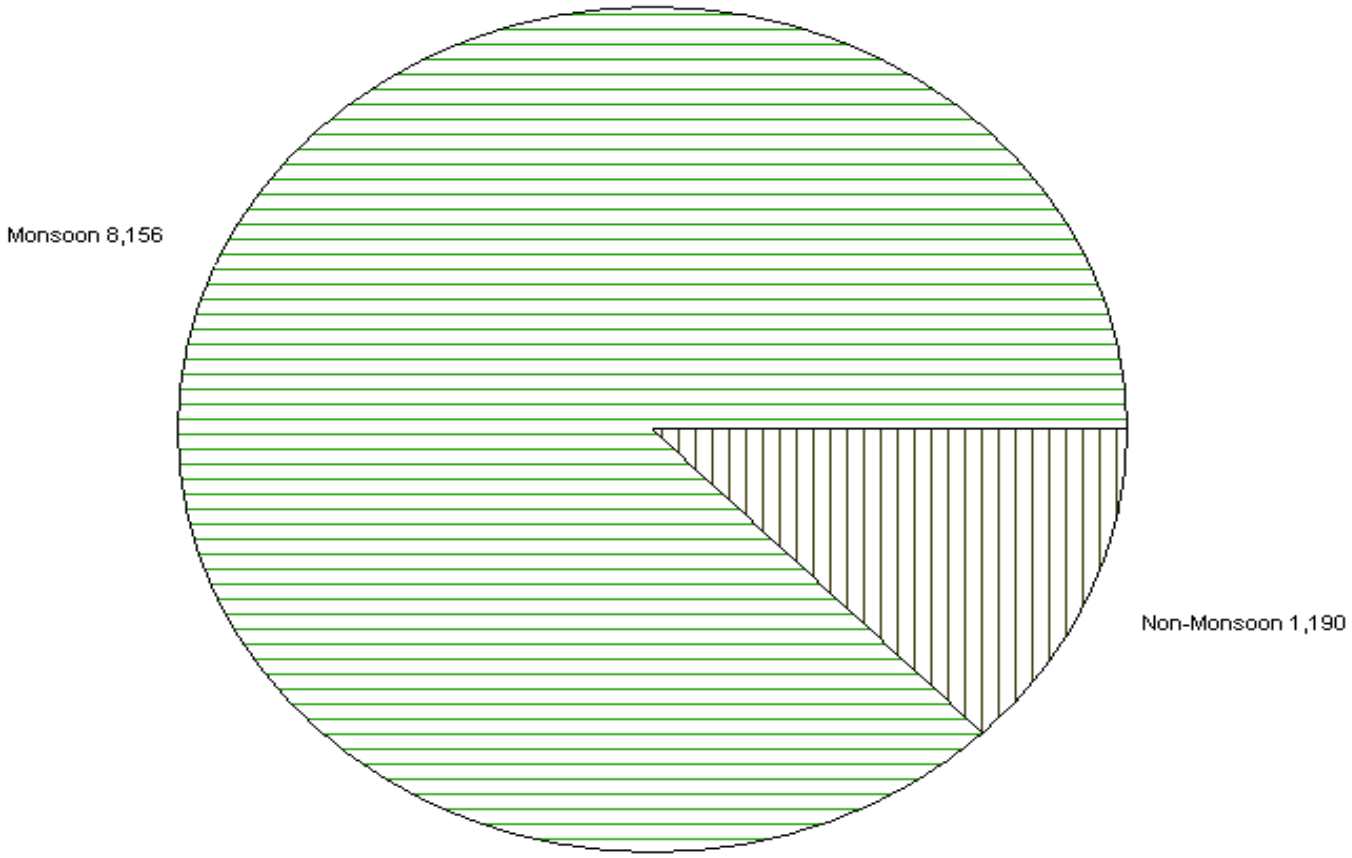


Seasonal Sediment Load for the Year: 2017-2018

Station Name : KUDLUR (CCK00L9)
Local River : Palar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore

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BED MATERIAL ANALYSIS DATA

RIVER : PALAR **CODE No. : CCK00L9**

SITE : KUDLUR **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**					**12-09-2017**					
1	80	436.180	-	-	-	-	Dry Bed		5.0	1.42							
2	100	435.895	-	-	-	-	Dry Bed		3.8	0.37							
3	120	435.490	-	-	-	-	Dry Bed		5.0	0.72							
4	140	-	434.995	435.375	0.380	15.0	0.638	3.633	17.0	2.44	16.098		0.5623	0.0009	3.6325	17.0	1.24
POST MONSOON 2018							**DATE OF COLLECTION**					**15-02-2018**					
1	80	436.210	-	-	-				4.0	0.43							
2	100	435.870	-	-	-				7.0	0.42							
3	120	435.460	-	-	-				17.0	0.44							
4	140	-	435.950	436.800	0.85	13.00	No Flow		8.0	1.87	No Flow			0.0009	No Flow	17.0	0.79
PRE MONSOON 2018							**DATE OF COLLECTION**					**24-05-2018**					
1	80	436.220	-	-	-				2.0	0.40							
2	100	435.880	-	-	-				5.0	0.45							
3	120	435.550	-	-	-				17.0	1.29							
4	140	-	434.870	435.070	0.20	-	0.526	1.069	15.0	1.47	12.028	0.1688	0.5264	0.0009	1.0686	17.0	0.90

Annual Sediment Load for period : 1972-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1972-1973	1546086	1505703	3051790	9843
1973-1974	2671137	38583	2709719	10075
1974-1975	1789753	221760	2011512	8967
1975-1976	2917466	26356	2943823	12896
1976-1977	196438	182824	379262	3630
1977-1978	1584865	41982	1626847	8995
1978-1979	824142	23471	847613	11343
1979-1980	828195	40595	868790	9386
1980-1981	785667	70423	856091	12543
1981-1982	2109672	36276	2145948	11810
1982-1983	463686	117203	580889	6069
1983-1984	1498429	93492	1591921	7211
1984-1985	1215440	45400	1260841	9075
1985-1986	632221	39028	671249	4976
1986-1987	816398	58460	874857	5510
1987-1988	541128	81712	622840	3042
1988-1989	858154	31263	889417	5418
1989-1990	1019663	47325	1066988	5292
1990-1991	220171	70372	290543	4468
1991-1992	2283454	51015	2334469	9644
1992-1993	746882	32783	779665	10154
1993-1994	353481	42285	395766	6523
1994-1995	1208859	22978	1231837	11157
1995-1996	334194	26444	360637	5536
1996-1997	648396	20898	669294	6989
1997-1998	721354	25229	746583	7845
1998-1999	578394	21507	599901	7338
1999-2000	529997	13985	543982	7749
2000-2001	950974	26377	977351	9040
2001-2002	184136	4432	188568	5431
2002-2003	112787	6445	119231	3114
2003-2004	54444	7541	61985	2140
2004-2005	326216	10724	336941	5208
2005-2006	874429	30162	904591	10871
2006-2007	129105	16345	145450	7322
2007-2008	576561	54836	631397	10013
2008-2009	415518	15215	430734	5950
2009-2010	268145	10465	278609	6305
2010-2011	79658	24010	103669	5996

Annual Sediment Load for period : 1972-2018

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

2011-2012	123997	12772	136769	6809
2012-2013	33614	10214	43828	2844
2013-2014	108434	6817	115250	7348
2014-2015	56852	9218	66070	6392
2015-2016	45946	6619	52565	4361
2016-2017	21203	1419	22622	1973
2017-2018	33287	5412	38699	3500

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Biligundulu (CC000N7) | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	34.48	0.000	0.000	0.010	0.010	29	3.726	0.000	0.000	0.015	0.015	5	207.0	0.000	0.000	0.012	0.012	215
2	27.72	0.000	0.000	0.010	0.010	24	3.308	0.000	0.000	0.014	0.014	4	211.0	0.000	0.000	0.011	0.011	204
3	19.33	0.000	0.000	0.009	0.009	15	3.685	0.000	0.000	0.015	0.015	5	202.8	0.000	0.000	0.012	0.012	214
4	12.55	0.000	0.000	0.011	0.011	12	3.692	0.000	0.000	0.014	0.014	4	204.7	0.000	0.000	0.014	0.014	248
5	6.651	0.000	0.000	0.013	0.013	7	3.381	0.000	0.000	0.014	0.014	4	175.8	0.000	0.000	0.012	0.012	182
6	5.609	0.000	0.000	0.012	0.012	6	3.270	0.000	0.000	0.017	0.017	5	175.9	0.000	0.000	0.013	0.013	195
7	6.671	0.000	0.000	0.010	0.010	6	34.75	0.000	0.000	0.010	0.010	29	212.4	0.000	0.000	0.012	0.012	217
8	6.719	0.000	0.000	0.011	0.011	6	64.43	0.000	0.000	0.009	0.009	50	200.8	0.000	0.000	0.013	0.013	222
9	4.350	0.000	0.000	0.014	0.014	5	64.50	0.000	0.000	0.009	0.009	51	207.4	0.000	0.000	0.013	0.013	229
10	4.837	0.000	0.000	0.013	0.013	5	79.04	0.000	0.000	0.009	0.009	61	255.9	0.000	0.000	0.011	0.011	241
11	25.85	0.000	0.000	0.011	0.011	25	69.58	0.000	0.000	0.009	0.009	54	251.5	0.000	0.000	0.012	0.012	261
12	7.582	0.000	0.000	0.012	0.012	8	74.61	0.000	0.000	0.009	0.009	58	183.2	0.000	0.000	0.012	0.012	195
13	6.355	0.000	0.000	0.020	0.020	11	75.33	0.000	0.000	0.008	0.008	52	165.0	0.000	0.000	0.013	0.013	182
14	5.015	0.000	0.000	0.015	0.015	6	52.52	0.000	0.000	0.011	0.011	50	152.5	0.000	0.000	0.008	0.008	111
15	5.698	0.000	0.000	0.013	0.013	6	52.95	0.000	0.000	0.009	0.009	41	322.1	0.000	0.000	0.010	0.010	267
16	5.161	0.000	0.000	0.013	0.013	6	45.34	0.000	0.000	0.011	0.011	43	449.9	0.000	0.000	0.011	0.011	408
17	7.201	0.000	0.000	0.012	0.012	7	50.61	0.000	0.000	0.011	0.011	48	380.9	0.000	0.000	0.011	0.011	346
18	4.196	0.000	0.000	0.014	0.014	5	42.51	0.000	0.000	0.011	0.011	40	250.4	0.000	0.000	0.012	0.012	249
19	10.83	0.000	0.000	0.009	0.009	8	43.95	0.000	0.000	0.010	0.010	38	173.9	0.000	0.000	0.013	0.013	191
20	11.19	0.000	0.000	0.011	0.011	11	32.77	0.000	0.000	0.012	0.012	34	112.7	0.000	0.000	0.011	0.011	103
21	7.867	0.000	0.000	0.011	0.011	7	66.11	0.000	0.000	0.010	0.010	57	140.5	0.000	0.000	0.009	0.009	108
22	7.245	0.000	0.000	0.012	0.012	8	81.01	0.000	0.000	0.088	0.088	616	99.30	0.000	0.000	0.011	0.011	91
23	7.527	0.000	0.000	0.011	0.011	7	61.33	0.000	0.000	0.009	0.009	50	92.86	0.000	0.000	0.011	0.011	88
24	5.113	0.000	0.000	0.014	0.014	6	57.13	0.000	0.000	0.009	0.009	42	174.1	0.000	0.000	0.013	0.013	193
25	4.035	0.000	0.000	0.014	0.014	5	150.9	0.000	0.000	0.006	0.006	77	193.5	0.000	0.000	0.013	0.013	211
26	3.827	0.000	0.000	0.012	0.012	4	173.3	0.000	0.000	0.012	0.012	174	204.6	0.000	0.000	0.013	0.013	226
27	3.768	0.000	0.000	0.013	0.013	4	191.6	0.000	0.000	0.012	0.012	195	206.8	0.000	0.000	0.013	0.013	231
28	3.733	0.000	0.000	0.015	0.015	5	175.3	0.000	0.000	0.012	0.012	179	188.9	0.000	0.000	0.013	0.013	211
29	3.648	0.000	0.000	0.015	0.015	5	214.7	0.000	0.000	0.012	0.012	219	178.4	0.000	0.000	0.014	0.014	217
30	3.765	0.000	0.000	0.012	0.012	4	190.6	0.000	0.000	0.014	0.014	231	175.8	0.000	0.000	0.014	0.014	205
31							200.6	0.000	0.000	0.013	0.013	225	203.0	0.000	0.000	0.014	0.014	244
Ten Daily Mean																		
Ten Daily I	12.89	0.000	0.000	0.011	0.011	12	26.38	0.000	0.000	0.013	0.013	22	205.4	0.000	0.000	0.012	0.012	217
Ten Daily II	8.909	0.000	0.000	0.013	0.013	9	54.02	0.000	0.000	0.010	0.010	46	244.2	0.000	0.000	0.011	0.011	231
Ten Daily III	5.053	0.000	0.000	0.013	0.013	5	142.0	0.000	0.000	0.018	0.018	188	168.9	0.000	0.000	0.012	0.012	184
Monthly																		
Total						265						2741						6502

Annual Sediment Load (Metric Tonnes) : 38699

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Biligundulu (CC000N7) | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	359.2	0.000	0.000	0.012	0.012	385	480.7	0.000	0.000	0.012	0.012	482	104.8	0.000	0.000	0.010	0.010	88
2	397.9	0.000	0.000	0.012	0.012	413	387.4	0.000	0.000	0.011	0.011	382	100.1	0.000	0.000	0.010	0.010	87
3	557.2	0.000	0.000	0.010	0.010	501	358.6	0.000	0.000	0.012	0.012	381	102.9	0.000	0.000	0.003	0.003	22
4	418.4	0.000	0.000	0.013	0.013	459	307.7	0.000	0.000	0.013	0.013	338	103.5	0.000	0.000	0.011	0.011	99
5	354.4	0.000	0.000	0.011	0.011	337	323.6	0.000	0.000	0.012	0.012	324	116.3	0.000	0.000	0.012	0.012	118
6	444.6	0.000	0.000	0.012	0.012	442	756.5	0.000	0.000	0.010	0.010	627	94.58	0.000	0.000	0.012	0.012	95
7	705.9	0.000	0.000	0.010	0.010	610	668.6	0.000	0.000	0.010	0.010	560	116.7	0.000	0.000	0.011	0.011	108
8	360.3	0.000	0.000	0.012	0.012	367	663.3	0.000	0.000	0.011	0.011	625	121.4	0.000	0.000	0.010	0.010	107
9	420.5	0.000	0.000	0.013	0.013	472	696.5	0.000	0.000	0.010	0.010	584	124.5	0.000	0.000	0.009	0.009	98
10	255.9	0.000	0.000	0.014	0.014	309	406.6	0.000	0.000	0.011	0.011	379	138.2	0.000	0.000	0.010	0.010	121
11	574.0	0.000	0.000	0.011	0.011	526	500.3	0.000	0.000	0.010	0.010	415	97.80	0.000	0.000	0.010	0.010	84
12	269.0	0.000	0.000	0.015	0.015	337	611.4	0.000	0.000	0.010	0.010	507	96.13	0.000	0.000	0.010	0.010	83
13	222.6	0.000	0.000	0.013	0.013	244	500.7	0.000	0.000	0.009	0.009	398	77.29	0.000	0.000	0.011	0.011	71
14	259.4	0.000	0.000	0.012	0.012	267	646.6	0.000	0.000	0.011	0.011	603	68.73	0.000	0.000	0.011	0.011	65
15	209.6	0.000	0.000	0.012	0.012	225	721.1	0.000	0.000	0.011	0.011	679	76.46	0.000	0.000	0.010	0.010	64
16	210.0	0.000	0.000	0.012	0.012	219	534.2	0.000	0.000	0.012	0.012	531	77.10	0.000	0.000	0.012	0.012	81
17	188.6	0.000	0.000	0.014	0.014	233	307.0	0.000	0.000	0.012	0.012	324	68.62	0.000	0.000	0.010	0.010	60
18	189.5	0.000	0.000	0.012	0.012	193	211.8	0.000	0.000	0.013	0.013	245	78.45	0.000	0.000	0.009	0.009	62
19	164.7	0.000	0.000	0.013	0.013	181	183.3	0.000	0.000	0.014	0.014	219	68.38	0.000	0.000	0.010	0.010	58
20	179.3	0.000	0.000	0.013	0.013	206	147.3	0.000	0.000	0.009	0.009	117	62.47	0.000	0.000	0.010	0.010	56
21	340.6	0.000	0.000	0.012	0.012	356	128.8	0.000	0.000	0.011	0.011	118	53.35	0.000	0.000	0.011	0.011	51
22	393.5	0.000	0.000	0.011	0.011	388	148.6	0.000	0.000	0.009	0.009	114	60.63	0.000	0.000	0.010	0.010	53
23	254.7	0.000	0.000	0.013	0.013	275	117.1	0.000	0.000	0.009	0.009	92	59.50	0.000	0.000	0.010	0.010	53
24	313.8	0.000	0.000	0.011	0.011	290	78.53	0.000	0.000	0.008	0.008	52	68.56	0.000	0.000	0.010	0.010	61
25	337.3	0.000	0.000	0.011	0.011	318	94.48	0.000	0.000	0.010	0.010	83	68.46	0.000	0.000	0.010	0.010	61
26	499.3	0.000	0.000	0.012	0.012	500	96.13	0.000	0.000	0.011	0.011	90	70.21	0.000	0.000	0.010	0.010	61
27	830.3	0.000	0.000	0.012	0.012	868	77.54	0.000	0.000	0.010	0.010	67	81.26	0.000	0.000	0.009	0.009	65
28	1333	0.000	0.000	0.004	0.004	449	72.77	0.000	0.000	0.010	0.010	60	78.07	0.000	0.000	0.011	0.011	74
29	975.4	0.000	0.000	0.011	0.011	885	10.71	0.000	0.000	0.006	0.006	6	81.34	0.000	0.000	0.010	0.010	70
30	540.5	0.000	0.000	0.012	0.012	565	162.7	0.000	0.000	0.015	0.015	205	81.64	0.000	0.000	0.009	0.009	66
31							133.0	0.000	0.000	0.010	0.010	109						
Ten Daily Mean																		
Ten Daily I	427.4	0.000	0.000	0.012	0.012	429	505.0	0.000	0.000	0.011	0.011	468	112.3	0.000	0.000	0.010	0.010	94
Ten Daily II	246.7	0.000	0.000	0.013	0.013	263	436.4	0.000	0.000	0.011	0.011	404	77.14	0.000	0.000	0.010	0.010	68
Ten Daily III	581.8	0.000	0.000	0.011	0.011	489	101.8	0.000	0.000	0.010	0.010	91	70.30	0.000	0.000	0.010	0.010	62
Monthly																		
Total						11820						9716						2243

Annual Sediment Load (Metric Tonnes) : 38699

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Biligundulu (CC000N7) | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	83.13	0.000	0.000	0.010	0.010	70	48.56	0.000	0.000	0.011	0.011	47	11.60	0.000	0.000	0.009	0.009	9
2	96.24	0.000	0.000	0.010	0.010	83	50.41	0.000	0.000	0.013	0.013	55	9.970	0.000	0.000	0.010	0.010	8
3	135.1	0.000	0.000	0.011	0.011	127	48.65	0.000	0.000	0.012	0.012	49	10.23	0.000	0.000	0.009	0.009	8
4	201.1	0.000	0.000	0.013	0.013	217	43.08	0.000	0.000	0.012	0.012	43	11.63	0.000	0.000	0.010	0.010	10
5	173.8	0.000	0.000	0.014	0.014	209	48.44	0.000	0.000	0.011	0.011	46	10.06	0.000	0.000	0.009	0.009	8
6	99.52	0.000	0.000	0.009	0.009	80	42.56	0.000	0.000	0.011	0.011	42	9.293	0.000	0.000	0.009	0.009	7
7	77.61	0.000	0.000	0.010	0.010	67	40.61	0.000	0.000	0.012	0.012	41	10.04	0.000	0.000	0.009	0.009	8
8	94.61	0.000	0.000	0.009	0.009	77	35.95	0.000	0.000	0.012	0.012	39	9.140	0.000	0.000	0.009	0.009	7
9	68.54	0.000	0.000	0.010	0.010	57	31.91	0.000	0.000	0.012	0.012	33	7.712	0.000	0.000	0.009	0.009	6
10	74.91	0.000	0.000	0.012	0.012	76	27.06	0.000	0.000	0.013	0.013	30	6.423	0.000	0.000	0.009	0.009	5
11	71.11	0.000	0.000	0.011	0.011	65	24.45	0.000	0.000	0.012	0.012	26	7.888	0.000	0.000	0.009	0.009	6
12	48.69	0.000	0.000	0.012	0.012	48	24.91	0.000	0.000	0.012	0.012	25	6.301	0.000	0.000	0.010	0.010	5
13	66.42	0.000	0.000	0.010	0.010	56	27.93	0.000	0.000	0.012	0.012	28	8.209	0.000	0.000	0.009	0.009	7
14	51.85	0.000	0.000	0.012	0.012	56	21.44	0.000	0.000	0.012	0.012	22	6.870	0.000	0.000	0.010	0.010	6
15	58.01	0.000	0.000	0.011	0.011	55	25.01	0.000	0.000	0.012	0.012	26	6.266	0.000	0.000	0.010	0.010	5
16	45.79	0.000	0.000	0.012	0.012	49	24.85	0.000	0.000	0.012	0.012	26	5.610	0.000	0.000	0.010	0.010	5
17	64.27	0.000	0.000	0.010	0.010	57	16.41	0.000	0.000	0.009	0.009	12	5.464	0.000	0.000	0.009	0.009	4
18	46.03	0.000	0.000	0.013	0.013	51	18.14	0.000	0.000	0.008	0.008	13	6.606	0.000	0.000	0.009	0.009	5
19	35.88	0.000	0.000	0.012	0.012	38	21.73	0.000	0.000	0.008	0.008	15	5.709	0.000	0.000	0.011	0.011	5
20	45.52	0.000	0.000	0.011	0.011	41	16.11	0.000	0.000	0.009	0.009	13	33.64	0.000	0.000	0.010	0.010	29
21	29.73	0.000	0.000	0.013	0.013	34	12.47	0.000	0.000	0.009	0.009	10	19.69	0.000	0.000	0.008	0.008	14
22	39.33	0.000	0.000	0.012	0.012	42	10.74	0.000	0.000	0.009	0.009	8	14.98	0.000	0.000	0.008	0.008	11
23	37.15	0.000	0.000	0.012	0.012	37	21.21	0.000	0.000	0.008	0.008	15	18.28	0.000	0.000	0.009	0.009	14
24	45.57	0.000	0.000	0.012	0.012	47	21.37	0.000	0.000	0.009	0.009	16	18.51	0.000	0.000	0.010	0.010	15
25	52.64	0.000	0.000	0.013	0.013	57	30.32	0.000	0.000	0.013	0.013	35	15.17	0.000	0.000	0.011	0.011	15
26	48.43	0.000	0.000	0.012	0.012	51	21.44	0.000	0.000	0.009	0.009	16	21.24	0.000	0.000	0.008	0.008	15
27	43.02	0.000	0.000	0.012	0.012	46	22.92	0.000	0.000	0.009	0.009	17	26.69	0.000	0.000	0.014	0.014	31
28	55.40	0.000	0.000	0.010	0.010	49	20.32	0.000	0.000	0.009	0.009	15	24.91	0.000	0.000	0.014	0.014	29
29	46.47	0.000	0.000	0.011	0.011	45	18.83	0.000	0.000	0.009	0.009	14						
30	66.47	0.000	0.000	0.010	0.010	56	14.73	0.000	0.000	0.009	0.009	11						
31	42.23	0.000	0.000	0.012	0.012	43	18.01	0.000	0.000	0.009	0.009	14						
Ten Daily Mean																		
Ten Daily I	110.5	0.000	0.000	0.011	0.011	106	41.73	0.000	0.000	0.012	0.012	42	9.609	0.000	0.000	0.009	0.009	8
Ten Daily II	53.36	0.000	0.000	0.011	0.011	52	22.10	0.000	0.000	0.011	0.011	21	9.257	0.000	0.000	0.010	0.010	8
Ten Daily III	46.04	0.000	0.000	0.012	0.012	46	19.31	0.000	0.000	0.009	0.009	16	19.93	0.000	0.000	0.010	0.010	18
Monthly																		
Total						2085						802						298

Annual Sediment Load (Metric Tonnes) : 38699

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Biligundulu (CC000N7) | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	19.72	0.000	0.000	0.009	0.009	15	12.47	0.000	0.000	0.010	0.010	11	13.04	0.000	0.000	0.009	0.009	10
2	9.758	0.000	0.000	0.010	0.010	8	17.52	0.000	0.000	0.010	0.010	14	16.00	0.000	0.000	0.009	0.009	12
3	10.72	0.000	0.000	0.008	0.008	8	6.496	0.000	0.000	0.012	0.012	7	10.74	0.000	0.000	0.008	0.008	7
4	10.04	0.000	0.000	0.008	0.008	7	5.517	0.000	0.000	0.012	0.012	6	34.28	0.000	0.000	0.011	0.011	33
5	21.95	0.000	0.000	0.009	0.009	18	6.400	0.000	0.000	0.012	0.012	6	25.36	0.000	0.000	0.012	0.012	26
6	6.178	0.000	0.000	0.011	0.011	6	7.386	0.000	0.000	0.010	0.010	6	27.55	0.000	0.000	0.012	0.012	29
7	5.808	0.000	0.000	0.010	0.010	5	6.378	0.000	0.000	0.012	0.012	7	60.14	0.000	0.000	0.010	0.010	52
8	5.163	0.000	0.000	0.012	0.012	5	10.82	0.000	0.000	0.010	0.010	9	42.28	0.000	0.000	0.010	0.010	37
9	4.249	0.000	0.000	0.011	0.011	4	9.702	0.000	0.000	0.010	0.010	9	37.42	0.000	0.000	0.012	0.012	39
10	4.525	0.000	0.000	0.011	0.011	4	9.760	0.000	0.000	0.009	0.009	8	24.63	0.000	0.000	0.009	0.009	19
11	5.443	0.000	0.000	0.009	0.009	4	8.724	0.000	0.000	0.009	0.009	7	21.38	0.000	0.000	0.011	0.011	20
12	3.969	0.000	0.000	0.012	0.012	4	7.787	0.000	0.000	0.010	0.010	7	45.46	0.000	0.000	0.008	0.008	31
13	4.071	0.000	0.000	0.012	0.012	4	7.292	0.000	0.000	0.011	0.011	7	27.55	0.000	0.000	0.011	0.011	27
14	4.284	0.000	0.000	0.013	0.013	5	6.882	0.000	0.000	0.011	0.011	7	37.54	0.000	0.000	0.012	0.012	39
15	3.883	0.000	0.000	0.012	0.012	4	4.907	0.000	0.000	0.012	0.012	5	87.25	0.000	0.000	0.009	0.009	68
16	3.936	0.000	0.000	0.012	0.012	4	5.298	0.000	0.000	0.012	0.012	5	59.97	0.000	0.000	0.010	0.010	52
17	6.894	0.000	0.000	0.010	0.010	6	5.383	0.000	0.000	0.013	0.013	6	56.42	0.000	0.000	0.011	0.011	54
18	55.50	0.000	0.000	0.011	0.011	50	30.55	0.000	0.000	0.012	0.012	32	48.70	0.000	0.000	0.010	0.010	42
19	57.56	0.000	0.000	0.010	0.010	49	24.86	0.000	0.000	0.014	0.014	30	42.78	0.000	0.000	0.011	0.011	41
20	55.38	0.000	0.000	0.011	0.011	51	37.13	0.000	0.000	0.014	0.014	45	30.22	0.000	0.000	0.017	0.017	45
21	34.58	0.000	0.000	0.011	0.011	34	27.41	0.000	0.000	0.013	0.013	31	40.81	0.000	0.000	0.012	0.012	42
22	29.48	0.000	0.000	0.013	0.013	33	18.17	0.000	0.000	0.010	0.010	16	35.71	0.000	0.000	0.014	0.014	43
23	24.53	0.000	0.000	0.013	0.013	28	14.87	0.000	0.000	0.009	0.009	12	48.84	0.000	0.000	0.011	0.011	46
24	19.21	0.000	0.000	0.010	0.010	16	10.97	0.000	0.000	0.010	0.010	9	84.81	0.000	0.000	0.009	0.009	66
25	11.63	0.000	0.000	0.010	0.010	10	9.226	0.000	0.000	0.009	0.009	7	55.69	0.000	0.000	0.011	0.011	53
26	14.84	0.000	0.000	0.010	0.010	12	8.371	0.000	0.000	0.012	0.012	9	97.30	0.000	0.000	0.009	0.009	76
27	9.742	0.000	0.000	0.010	0.010	9	8.150	0.000	0.000	0.011	0.011	8	126.2	0.000	0.000	0.008	0.008	88
28	12.01	0.000	0.000	0.009	0.009	9	7.531	0.000	0.000	0.012	0.012	8	127.7	0.000	0.000	0.009	0.009	99
29	12.47	0.000	0.000	0.010	0.010	10	6.606	0.000	0.000	0.011	0.011	6	129.2	0.000	0.000	0.008	0.008	89
30	10.82	0.000	0.000	0.010	0.010	9	17.14	0.000	0.000	0.027	0.027	40	80.82	0.000	0.000	0.010	0.010	70
31	13.18	0.000	0.000	0.010	0.010	11							55.50	0.000	0.000	0.010	0.010	48
Ten Daily Mean																		
Ten Daily I	9.811	0.000	0.000	0.010	0.010	8	9.245	0.000	0.000	0.011	0.011	8	29.14	0.000	0.000	0.010	0.010	26
Ten Daily II	20.09	0.000	0.000	0.011	0.011	18	13.88	0.000	0.000	0.012	0.012	15	45.73	0.000	0.000	0.011	0.011	42
Ten Daily III	17.50	0.000	0.000	0.010	0.010	17	12.84	0.000	0.000	0.012	0.012	15	80.23	0.000	0.000	0.010	0.010	66
Monthly																		
Total						444						378						1405

Annual Sediment Load (Metric Tonnes) : 38699

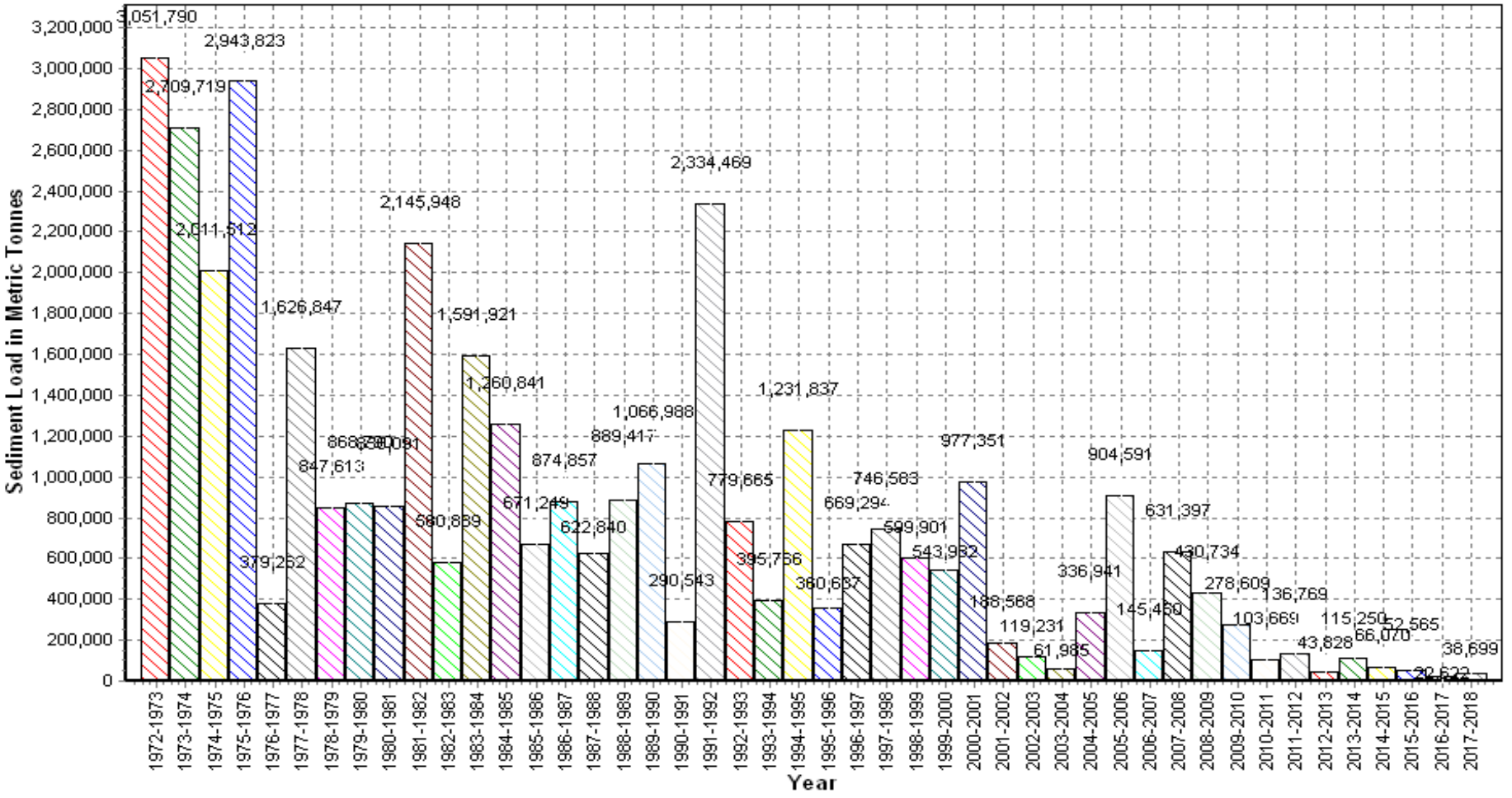
Annual Sediment Load for the period: 1972-2018

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

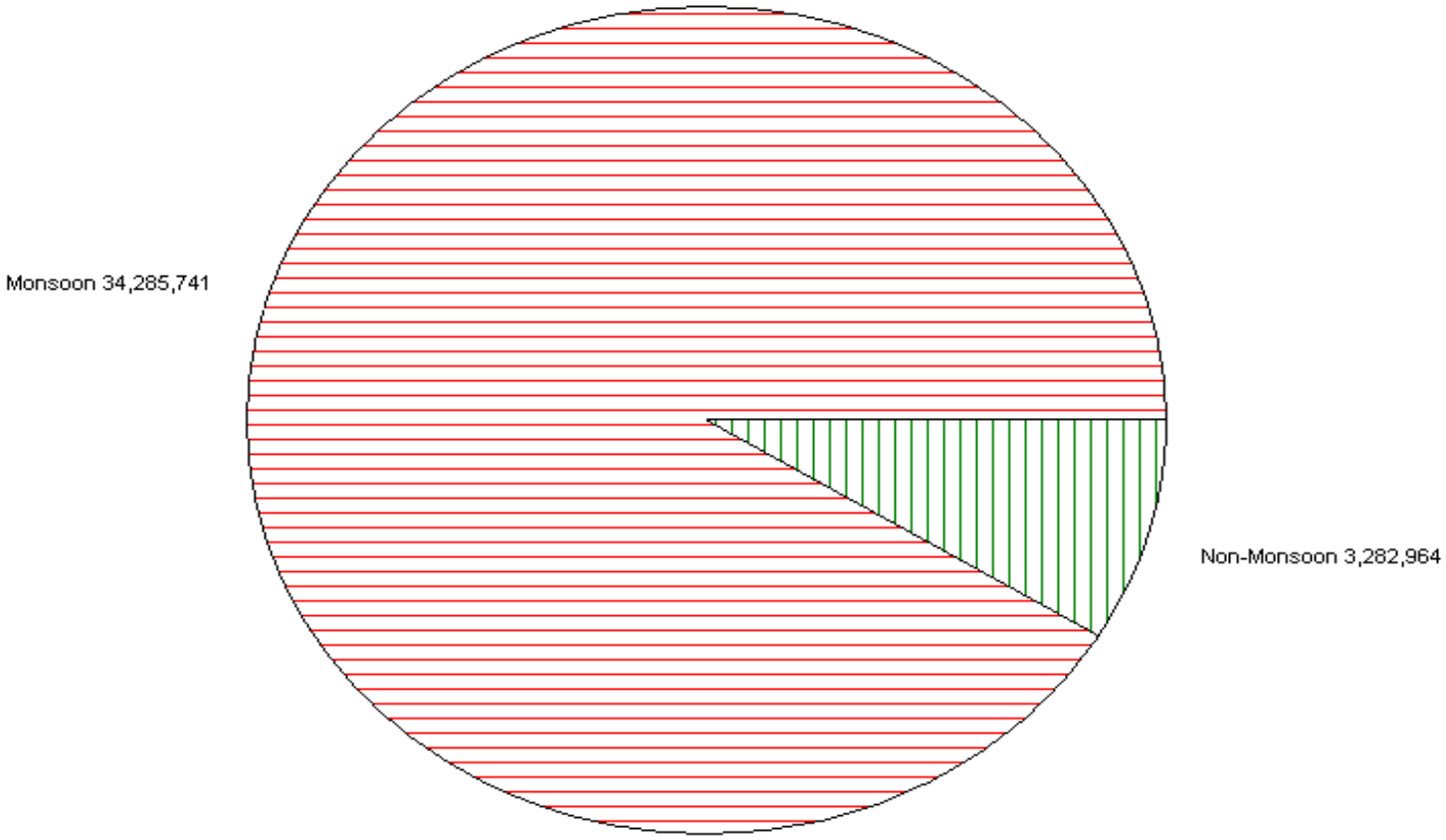
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1972-2017

Station Name : Biligundulu (CC000N7)
Local River : Cauvery

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



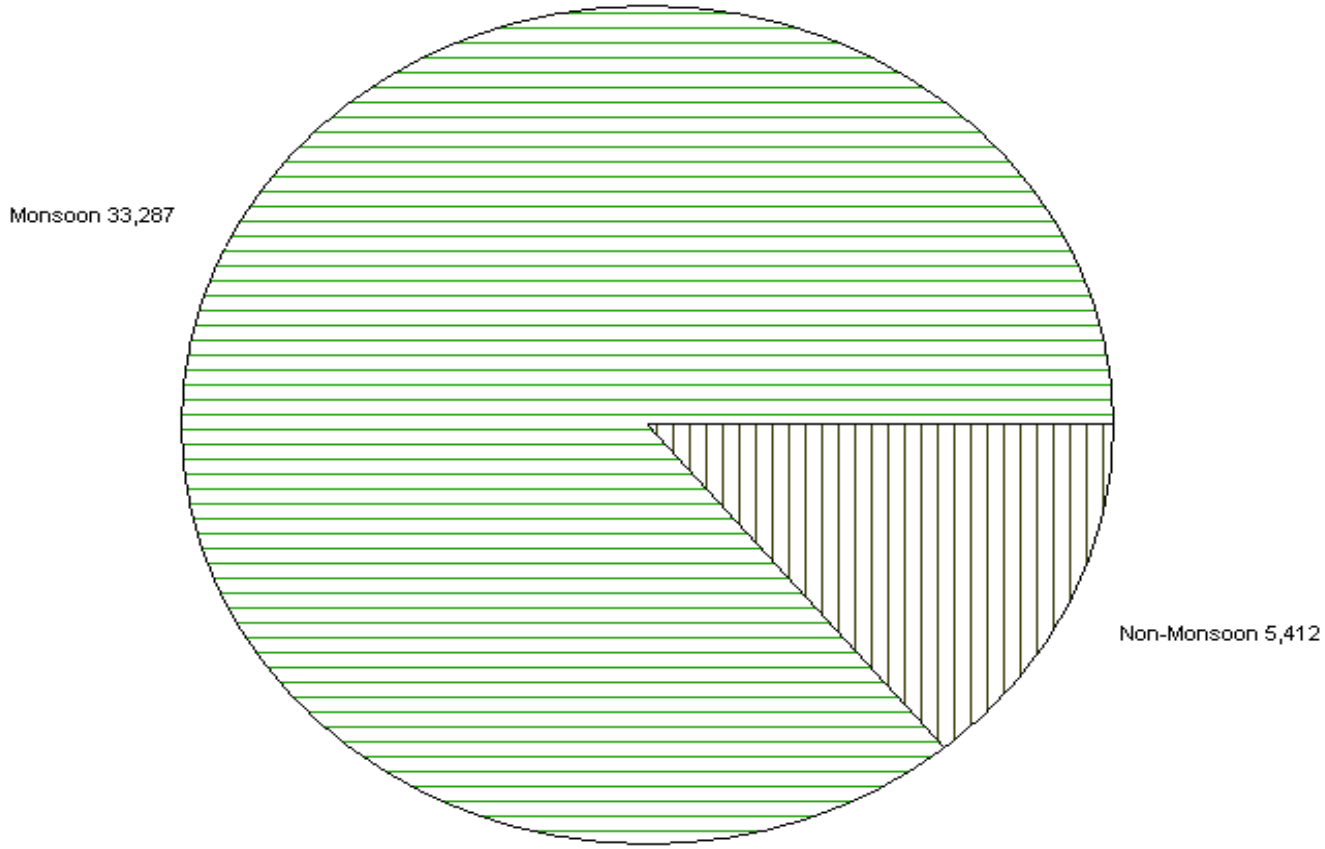
Seasonal Sediment Load for the Year: 2017-2018

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : CAUVERY **CODE No. : CC000N7**

SITE : BILIGUNDULU **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017					**DATE OF COLLECTION**					**20-10-2017**							
1	40	260.375	-	-	-		-	-	1.0	0.21							
2	80	-	257.350	258.480	1.13		-	-	2.2	0.78							
3	120	-	253.610	258.480	4.87	145.8	0.892	14.415	9.0	1.57	147.68	3.470	0.287	0.0024	147.20		
4	160	-	253.830	258.480	4.65		0.142	3.3015	9.0	1.91							
5	200	-	255.100	258.480	3.38				0.6	0.50						9.0	0.99
POST MONSOON 2018					**DATE OF COLLECTION**					**17-01-2018**							
1	40	260.375	-	-	-	-	Dry Bed		3.5	0.31							
2	80	257.420	-	-	-	-			5.5	0.60							
3	120	-	253.740	257.740	4.00		-	16.99	8.5	1.40	124.51	3.288	0.040	0.00008	16.490		
4	160	-	253.970	257.740	3.77	122.8	-		8.5	1.78							
5	200	-	254.940	257.740	2.80		-		0.6	0.17						8.5	0.85
PRE MONSOON 2018					**DATE OF COLLECTION**					**17-05-2018**							
1	40	260.375	-	-	-				5.0	0.33							
2	80	-	257.400	258.030	0.63		-		8.0	0.65							
3	120	-	253.800	258.030	4.23	130.8	0.299	56.480	10.0	1.52	132.47	3.294	0.129	0.00008	56.480		
4	160	-	253.960	258.030	4.07		0.087		15.0	2.74							
5	200	-	254.970	258.030	3.06				7.0	2.11						15.0	1.47

Annual Sediment Load for period : 2013-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	4187	7458	11645	223
2014-2015	7222	3406	10628	222
2015-2016	8477	3151	11628	283
2016-2017	1050	1790	2840	158
2017-2018	87280	3743	91023	568

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Total M.T./day
13.11	0.000	0.000	0.120	0.120	136	4.667	0.000	0.000	0.035	0.035	14	3.562	0.000	0.000	0.038	0.038		12
12.75	0.000	0.000	0.111	0.111	122	4.944	0.000	0.000	0.036	0.036	15	5.522	0.000	0.000	0.048	0.048	23	23
11.21	0.000	0.000	0.115	0.115	111	3.534	0.000	0.000	0.033	0.033	10	5.945	0.000	0.000	0.161	0.161	83	83
10.59	0.000	0.000	0.108	0.108	99	3.159	0.000	0.000	0.060	0.060	16	5.215	0.000	0.000	0.032	0.032	14	14
7.204	0.000	0.000	0.121	0.121	75	4.214	0.000	0.000	0.053	0.053	19	4.302	0.000	0.000	0.024	0.024	9	9
7.440	0.000	0.000	0.153	0.153	98	3.667	0.000	0.000	0.090	0.090	28	4.683	0.000	0.000	0.032	0.032	13	13
7.419	0.000	0.000	0.136	0.136	87	4.538	0.000	0.000	0.065	0.065	25	5.515	0.000	0.000	0.037	0.037	17	17
6.365	0.000	0.000	0.155	0.155	85	4.672	0.000	0.000	0.039	0.039	16	5.125	0.000	0.000	0.054	0.054	24	24
7.708	0.000	0.000	0.160	0.160	106	4.683	0.000	0.000	0.052	0.052	21	5.372	0.000	0.000	0.028	0.028	13	13
7.239	0.000	0.000	0.181	0.181	113	4.029	0.000	0.000	0.068	0.068	24	13.57	0.000	0.000	0.023	0.023	27	27
6.987	0.000	0.000	0.174	0.174	105	4.392	0.000	0.000	0.076	0.076	29	13.60	0.000	0.000	0.024	0.024	28	28
8.388	0.000	0.000	0.136	0.136	99	4.434	0.000	0.000	0.067	0.067	26	6.675	0.000	0.000	0.071	0.071	41	41
7.158	0.000	0.000	0.164	0.164	101	5.409	0.000	0.000	0.043	0.043	20	7.798	0.000	0.000	0.058	0.058	39	39
7.827	0.000	0.000	0.147	0.147	99	6.747	0.000	0.000	0.028	0.028	17	11.08	0.000	0.000	0.026	0.026	25	25
4.537	0.000	0.000	0.212	0.212	83	5.339	0.000	0.000	0.049	0.049	23	11.43	0.000	0.000	0.045	0.045	45	45
3.841	0.000	0.000	0.184	0.184	61	6.065	0.000	0.000	0.037	0.037	20	31.86	0.000	0.000	0.026	0.026	72	72
9.768	0.000	0.000	0.129	0.129	109	5.643	0.000	0.000	0.050	0.050	24	26.00	0.000	0.000	0.006	0.006	13	13
9.421	0.000	0.000	0.124	0.124	101	5.525	0.000	0.000	0.035	0.035	17	24.91	0.000	0.000	0.002	0.002	4	4
6.314	0.000	0.000	0.148	0.148	81	4.742	0.000	0.000	0.034	0.034	14	15.43	0.000	0.000	0.031	0.031	41	41
7.989	0.000	0.000	0.143	0.143	99	5.470	0.000	0.000	0.033	0.033	16	11.43	0.000	0.000	0.045	0.045	45	45
6.054	0.000	0.000	0.062	0.062	33	5.849	0.000	0.000	0.025	0.025	13	14.69	0.000	0.000	0.042	0.042	54	54
4.484	0.000	0.000	0.163	0.163	63	4.809	0.000	0.000	0.033	0.033	14	13.70	0.000	0.000	0.053	0.053	63	63
4.216	0.000	0.000	0.013	0.013	5	4.430	0.000	0.000	0.029	0.029	11	10.06	0.000	0.000	0.041	0.041	36	36
5.129	0.000	0.000	0.026	0.026	12	3.229	0.000	0.000	0.024	0.024	7	13.67	0.000	0.000	0.030	0.030	35	35
3.492	0.000	0.000	0.018	0.018	5	2.996	0.000	0.000	0.033	0.033	9	14.32	0.000	0.000	0.037	0.037	45	45
5.488	0.000	0.000	0.028	0.028	13	2.966	0.000	0.000	0.047	0.047	12	17.43	0.000	0.000	0.039	0.039	59	59
3.146	0.000	0.000	0.044	0.044	12	2.188	0.000	0.000	0.015	0.015	3	11.77	0.000	0.000	0.037	0.037	38	38
4.883	0.000	0.000	0.053	0.053	22	2.319	0.000	0.000	0.031	0.031	6	8.270	0.000	0.000	0.044	0.044	32	32
5.406	0.000	0.000	0.025	0.025	12	2.313	0.000	0.000	0.035	0.035	7	9.523	0.000	0.000	0.028	0.028	23	23
4.313	0.000	0.000	0.056	0.056	21	3.492	0.000	0.000	0.036	0.036	11	9.504	0.000	0.000	0.023	0.023	18	18
						1.927	0.000	0.000	0.044	0.044	7	8.962	0.000	0.000	0.035	0.035	27	27
Ten Daily Mean																		
9.104	0.000	0.000	0.136	0.136	103	4.211	0.000	0.000	0.053	0.053	19	5.881	0.000	0.000	0.048	0.048	23	23
7.223	0.000	0.000	0.156	0.156	94	5.377	0.000	0.000	0.045	0.045	20	16.02	0.000	0.000	0.033	0.033	35	35
4.661	0.000	0.000	0.049	0.049	20	3.320	0.000	0.000	0.032	0.032	9	11.99	0.000	0.000	0.037	0.037	39	39
					2169						492						1017	1017

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	6.422	0.000	0.000	0.046	0.046	25	57.97	0.000	0.000	0.116	0.116	582	17.21	0.000	0.000	0.089	0.089	132
12.75	24.91	0.000	0.000	0.042	0.042	90	81.23	0.000	0.000	0.110	0.110	773	19.74	0.000	0.000	0.048	0.048	82
11.21	52.37	0.000	0.000	0.049	0.049	220	84.34	0.000	0.000	0.207	0.207	1510	17.34	0.000	0.000	0.046	0.046	68
10.59	44.36	0.000	0.000	0.064	0.064	247	48.25	0.000	0.000	0.134	0.134	558	15.87	0.000	0.000	0.056	0.056	77
7.204	34.21	0.000	0.000	0.020	0.020	59	86.65	0.000	0.000	0.074	0.074	553	15.31	0.000	0.000	0.059	0.059	77
7.440	33.95	0.000	0.000	0.079	0.079	232	95.70	0.000	0.000	0.098	0.098	807	18.59	0.000	0.000	0.039	0.039	63
7.419	57.63	0.000	0.000	0.033	0.033	166	124.5	0.000	0.000	0.080	0.080	855	14.26	0.000	0.000	0.066	0.066	81
6.365	34.52	0.000	0.000	0.047	0.047	140	72.97	0.000	0.000	0.130	0.130	818	17.31	0.000	0.000	0.056	0.056	84
7.708	31.93	0.000	0.000	0.048	0.048	132	183.8	0.000	0.000	0.111	0.111	1756	16.41	0.000	0.000	0.035	0.035	50
7.239	363.8	0.000	0.000	0.201	0.2013	6327	70.75	0.000	0.000	0.166	0.166	1014	16.32	0.000	0.000	0.037	0.037	53
6.987	107.0	0.000	0.000	0.355	0.355	3279	281.4	0.000	0.000	0.063	0.063	1524	14.20	0.000	0.000	0.048	0.048	59
8.388	44.93	0.000	0.000	0.096	0.096	374	159.5	0.000	0.000	0.096	0.096	1327	15.31	0.000	0.000	0.043	0.043	57
7.158	34.08	0.000	0.000	0.059	0.059	173	283.6	0.000	0.000	0.056	0.056	1377	13.48	0.000	0.000	0.055	0.055	64
7.827	20.35	0.000	0.000	0.076	0.076	133	157.7	0.000	0.000	0.134	0.134	1831	12.36	0.000	0.000	0.043	0.043	46
4.537	19.48	0.000	0.000	0.041	0.041	69	283.5	0.000	0.000	0.060	0.060	1475	13.45	0.000	0.000	0.043	0.043	50
3.841	19.01	0.000	0.000	0.065	0.065	107	244.8	0.000	0.000	0.093	0.093	1965	12.52	0.000	0.000	0.042	0.042	46
9.768	15.11	0.000	0.000	0.074	0.074	96	109.8	0.000	0.000	0.176	0.176	1671	25.74	0.000	0.000	0.085	0.085	189
9.421	22.41	0.000	0.000	0.054	0.054	105	79.66	0.000	0.000	0.153	0.153	1052	18.74	0.000	0.000	0.069	0.069	111
6.314	19.45	0.000	0.000	0.080	0.080	135	53.64	0.000	0.000	0.165	0.165	764	15.87	0.000	0.000	0.051	0.051	70
7.989	17.68	0.000	0.000	0.071	0.071	108	47.42	0.000	0.000	0.161	0.161	660	12.51	0.000	0.000	0.037	0.037	40
6.054	17.40	0.000	0.000	0.071	0.071	107	46.37	0.000	0.000	0.065	0.065	261	13.94	0.000	0.000	0.042	0.042	50
4.484	16.68	0.000	0.000	0.070	0.070	101	38.16	0.000	0.000	0.099	0.099	326	12.44	0.000	0.000	0.049	0.049	53
4.216	14.22	0.000	0.000	0.052	0.052	64	29.08	0.000	0.000	0.052	0.052	130	12.44	0.000	0.000	0.063	0.063	67
5.129	11.77	0.000	0.000	0.061	0.061	62	27.94	0.000	0.000	0.080	0.080	194	10.02	0.000	0.000	0.027	0.027	23
3.492	46.40	0.000	0.000	0.052	0.052	207	26.95	0.000	0.000	0.061	0.061	143	9.675	0.000	0.000	0.042	0.042	35
5.488	62.35	0.000	0.000	0.052	0.052	280	25.88	0.000	0.000	0.045	0.045	100	9.968	0.000	0.000	0.033	0.033	29
3.146	46.72	0.000	0.000	0.047	0.047	190	22.67	0.000	0.000	0.047	0.047	92	9.079	0.000	0.000	0.049	0.049	38
4.883	172.2	0.000	0.000	0.072	0.072	1070	23.32	0.000	0.000	0.077	0.077	156	8.727	0.000	0.000	0.036	0.036	27
5.406	83.93	0.000	0.000	0.547	0.547	3967	22.05	0.000	0.000	0.069	0.069	131	8.773	0.000	0.000	0.037	0.037	28
4.313	75.31	0.000	0.000	0.053	0.053	347	20.49	0.000	0.000	0.094	0.094	166	8.114	0.000	0.000	0.036	0.036	25
							17.66	0.000	0.000	0.054	0.054	82						
Ten Daily Mean																		
9.104	68.41	0.000	0.000	0.063	0.063	764	90.62	0.000	0.000	0.122	0.122	923	16.84	0.000	0.000	0.053	0.053	77
7.223	31.95	0.000	0.000	0.097	0.097	458	170.1	0.000	0.000	0.116	0.116	1365	15.42	0.000	0.000	0.052	0.052	73
4.661	54.70	0.000	0.000	0.108	0.108	639	27.32	0.000	0.000	0.068	0.068	162	10.32	0.000	0.000	0.041	0.041	38
						18612						24651						1875

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	8.197	0.000	0.000	0.044	0.044	31	6.059	0.000	0.000	0.055	0.055	29	3.957	0.000	0.000	0.039	0.039	13
12.75	11.06	0.000	0.000	0.030	0.030	28	4.983	0.000	0.000	0.038	0.038	16	3.408	0.000	0.000	0.041	0.041	12
11.21	15.44	0.000	0.000	0.013	0.013	18	5.138	0.000	0.000	0.059	0.059	26	2.987	0.000	0.000	0.049	0.049	13
10.59	10.53	0.000	0.000	0.029	0.029	27	6.053	0.000	0.000	0.041	0.041	22	3.313	0.000	0.000	0.087	0.087	25
7.204	9.921	0.000	0.000	0.037	0.037	31	4.342	0.000	0.000	0.029	0.029	11	2.978	0.000	0.000	0.209	0.209	54
7.440	10.46	0.000	0.000	0.040	0.040	37	4.347	0.000	0.000	0.041	0.041	15	3.970	0.000	0.000	0.039	0.039	13
7.419	10.44	0.000	0.000	0.077	0.077	70	8.608	0.000	0.000	0.075	0.075	56	2.921	0.000	0.000	0.034	0.034	9
6.365	10.33	0.000	0.000	0.036	0.036	32	4.617	0.000	0.000	0.035	0.035	14	2.805	0.000	0.000	0.047	0.047	11
7.708	9.549	0.000	0.000	0.024	0.024	20	4.385	0.000	0.000	0.019	0.019	7	2.922	0.000	0.000	0.058	0.058	15
7.239	8.234	0.000	0.000	0.027	0.027	19	4.571	0.000	0.000	0.054	0.054	21	4.047	0.000	0.000	0.046	0.046	16
6.987	9.245	0.000	0.000	0.038	0.038	30	4.622	0.000	0.000	0.026	0.026	10	3.996	0.000	0.000	0.047	0.047	16
8.388	8.132	0.000	0.000	0.026	0.026	18	4.296	0.000	0.000	0.021	0.021	8	3.229	0.000	0.000	0.058	0.058	16
7.158	8.319	0.000	0.000	0.035	0.035	25	4.244	0.000	0.000	0.038	0.038	14	5.037	0.000	0.000	0.065	0.065	28
7.827	7.796	0.000	0.000	0.048	0.048	32	4.753	0.000	0.000	0.040	0.040	17	4.671	0.000	0.000	0.124	0.124	50
4.537	7.654	0.000	0.000	0.035	0.035	23	7.518	0.000	0.000	0.088	0.088	57	4.531	0.000	0.000	0.066	0.066	26
3.841	6.868	0.000	0.000	0.032	0.032	19	4.660	0.000	0.000	0.032	0.032	13	2.912	0.000	0.000	0.141	0.141	35
9.768	6.838	0.000	0.000	0.035	0.035	20	5.065	0.000	0.000	0.052	0.052	23	2.713	0.000	0.000	0.070	0.070	16
9.421	5.592	0.000	0.000	0.041	0.041	20	4.256	0.000	0.000	0.032	0.032	12	3.996	0.000	0.000	0.060	0.060	21
6.314	5.158	0.000	0.000	0.032	0.032	14	4.695	0.000	0.000	0.029	0.029	12	3.641	0.000	0.000	0.068	0.068	21
7.989	5.094	0.000	0.000	0.047	0.047	21	4.000	0.000	0.000	0.028	0.028	10	3.080	0.000	0.000	0.064	0.064	17
6.054	6.585	0.000	0.000	0.028	0.028	16	3.996	0.000	0.000	0.058	0.058	20	3.509	0.000	0.000	0.064	0.064	19
4.484	6.894	0.000	0.000	0.044	0.044	26	4.329	0.000	0.000	0.076	0.076	28	2.707	0.000	0.000	0.065	0.065	15
4.216	7.578	0.000	0.000	0.060	0.060	39	4.086	0.000	0.000	0.075	0.075	26	3.009	0.000	0.000	0.055	0.055	14
5.129	6.838	0.000	0.000	0.046	0.046	27	4.297	0.000	0.000	0.028	0.028	10	2.813	0.000	0.000	0.041	0.041	10
3.492	5.593	0.000	0.000	0.032	0.032	15	3.963	0.000	0.000	0.026	0.026	9	3.313	0.000	0.000	0.049	0.049	14
5.488	4.675	0.000	0.000	0.041	0.041	16	3.996	0.000	0.000	0.038	0.038	13	2.788	0.000	0.000	0.054	0.054	13
3.146	5.033	0.000	0.000	0.037	0.037	16	4.641	0.000	0.000	0.045	0.045	18	3.525	0.000	0.000	0.047	0.047	14
4.883	5.062	0.000	0.000	0.065	0.065	29	3.996	0.000	0.000	0.038	0.038	13	2.907	0.000	0.000	0.062	0.062	15
5.406	4.726	0.000	0.000	0.065	0.065	26	2.924	0.000	0.000	0.056	0.056	14						
4.313	5.039	0.000	0.000	0.054	0.054	24	3.238	0.000	0.000	0.041	0.041	11						
	7.518	0.000	0.000	0.051	0.051	33	4.558	0.000	0.000	0.041	0.041	16						
Ten Daily Mean																		
9.104	10.42	0.000	0.000	0.036	0.036	31	5.310	0.000	0.000	0.044	0.044	22	3.331	0.000	0.000	0.065	0.065	18
7.223	7.070	0.000	0.000	0.037	0.037	22	4.811	0.000	0.000	0.039	0.039	17	3.781	0.000	0.000	0.076	0.076	25
4.661	5.958	0.000	0.000	0.048	0.048	24	4.002	0.000	0.000	0.047	0.047	16	3.071	0.000	0.000	0.054	0.054	14
						804						572						544

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	3.384	0.000	0.000	0.060	0.060	17	5.304	0.000	0.000	0.083	0.083	38	5.111	0.000	0.000	0.026	0.026	11
12.75	2.853	0.000	0.000	0.053	0.053	13	3.675	0.000	0.000	0.042	0.042	13	4.408	0.000	0.000	0.035	0.035	13
11.21	3.375	0.000	0.000	0.039	0.039	11	3.125	0.000	0.000	0.039	0.039	11	5.073	0.000	0.000	0.030	0.030	13
10.59	3.313	0.000	0.000	0.044	0.044	13	5.706	0.000	0.000	0.028	0.028	14	7.260	0.000	0.000	0.030	0.030	19
7.204	3.136	0.000	0.000	0.057	0.057	15	6.448	0.000	0.000	0.030	0.030	17	10.51	0.000	0.000	0.051	0.051	46
7.440	3.010	0.000	0.000	0.045	0.045	12	5.068	0.000	0.000	0.029	0.029	13	9.789	0.000	0.000	0.047	0.047	40
7.419	2.793	0.000	0.000	0.037	0.037	9	5.106	0.000	0.000	0.027	0.027	12	6.904	0.000	0.000	0.052	0.052	31
6.365	2.570	0.000	0.000	0.033	0.033	7	3.102	0.000	0.000	0.034	0.034	9	5.604	0.000	0.000	0.046	0.046	22
7.708	2.663	0.000	0.000	0.023	0.023	5	2.896	0.000	0.000	0.030	0.030	7	5.685	0.000	0.000	0.044	0.044	22
7.239	2.599	0.000	0.000	0.044	0.044	10	2.653	0.000	0.000	0.040	0.040	9	4.878	0.000	0.000	0.033	0.033	14
6.987	2.170	0.000	0.000	0.092	0.092	17	2.654	0.000	0.000	0.059	0.059	14	10.69	0.000	0.000	0.036	0.036	33
8.388	2.545	0.000	0.000	0.037	0.037	8	2.488	0.000	0.000	0.064	0.064	14	9.789	0.000	0.000	0.040	0.040	34
7.158	2.607	0.000	0.000	0.036	0.036	8	2.717	0.000	0.000	0.040	0.040	9	10.20	0.000	0.000	0.041	0.041	36
7.827	2.523	0.000	0.000	0.041	0.041	9	3.002	0.000	0.000	0.108	0.108	28	11.71	0.000	0.000	0.039	0.039	40
4.537	2.758	0.000	0.000	0.044	0.044	10	2.170	0.000	0.000	0.088	0.088	17	10.78	0.000	0.000	0.044	0.044	41
3.841	3.389	0.000	0.000	0.039	0.039	11	2.519	0.000	0.000	0.048	0.048	11	11.77	0.000	0.000	0.037	0.037	38
9.768	3.526	0.000	0.000	0.043	0.043	13	2.575	0.000	0.000	0.037	0.037	8	11.65	0.000	0.000	0.069	0.069	70
9.421	3.532	0.000	0.000	0.041	0.041	12	5.081	0.000	0.000	0.031	0.031	14	10.68	0.000	0.000	0.026	0.026	24
6.314	5.693	0.000	0.000	0.045	0.045	22	3.729	0.000	0.000	0.035	0.035	11	9.874	0.000	0.000	0.043	0.043	37
7.989	5.133	0.000	0.000	0.039	0.039	17	3.503	0.000	0.000	0.041	0.041	12	9.789	0.000	0.000	0.039	0.039	33
6.054	3.630	0.000	0.000	0.024	0.024	8	4.054	0.000	0.000	0.029	0.029	10	10.84	0.000	0.000	0.034	0.034	31
4.484	5.376	0.000	0.000	0.024	0.024	11	5.304	0.000	0.000	0.029	0.029	13	11.17	0.000	0.000	0.040	0.040	39
4.216	5.304	0.000	0.000	0.023	0.023	10	6.435	0.000	0.000	0.024	0.024	13	10.43	0.000	0.000	0.032	0.032	29
5.129	4.978	0.000	0.000	0.023	0.023	10	5.047	0.000	0.000	0.032	0.032	14	8.595	0.000	0.000	0.072	0.072	54
3.492	3.102	0.000	0.000	0.031	0.031	8	6.667	0.000	0.000	0.043	0.043	25	9.871	0.000	0.000	0.045	0.045	38
5.488	3.761	0.000	0.000	0.025	0.025	8	6.972	0.000	0.000	0.042	0.042	25	10.47	0.000	0.000	0.039	0.039	35
3.146	3.285	0.000	0.000	0.033	0.033	9	7.309	0.000	0.000	0.039	0.039	25	10.63	0.000	0.000	0.047	0.047	44
4.883	2.974	0.000	0.000	0.023	0.023	6	6.139	0.000	0.000	0.026	0.026	14	11.12	0.000	0.000	0.048	0.048	46
5.406	3.102	0.000	0.000	0.027	0.027	7	5.304	0.000	0.000	0.031	0.031	14	10.59	0.000	0.000	0.056	0.056	51
4.313	2.170	0.000	0.000	0.003	0.003	0	5.024	0.000	0.000	0.030	0.030	13	9.819	0.000	0.000	0.042	0.042	36
	2.941	0.000	0.000	0.024	0.024	6							8.828	0.000	0.000	0.043	0.043	32
Ten Daily Mean																		
9.104	2.970	0.000	0.000	0.043	0.043	11	4.308	0.000	0.000	0.038	0.038	14	6.522	0.000	0.000	0.039	0.039	23
7.223	3.388	0.000	0.000	0.045	0.045	13	3.044	0.000	0.000	0.055	0.055	14	10.69	0.000	0.000	0.041	0.041	38
4.661	3.693	0.000	0.000	0.024	0.024	8	5.826	0.000	0.000	0.032	0.032	17	10.21	0.000	0.000	0.045	0.045	40
						326						446						1052

Annual Sediment Load (Metric Tonnes) : 52560

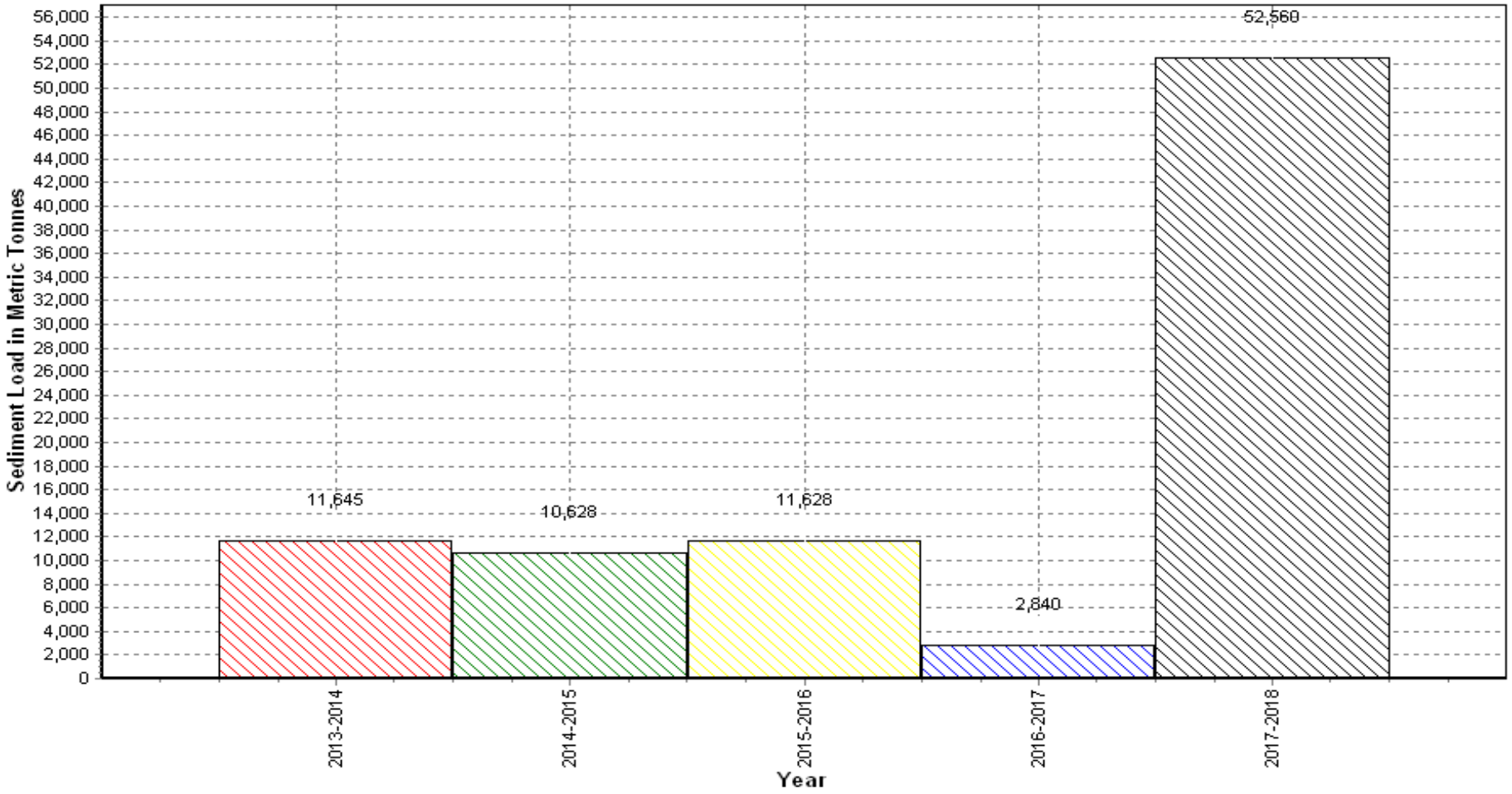
Annual Sediment Load for the period: 2013-2018

Station Name : T. Bekuppe (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

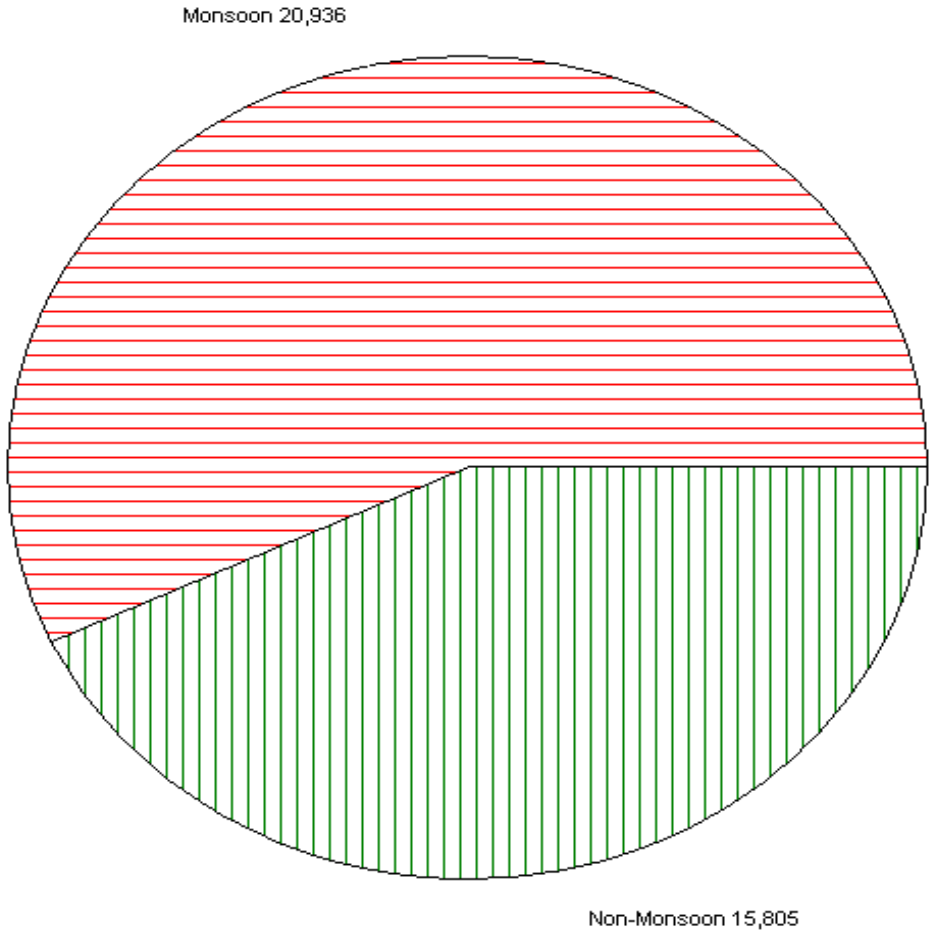
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2017

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

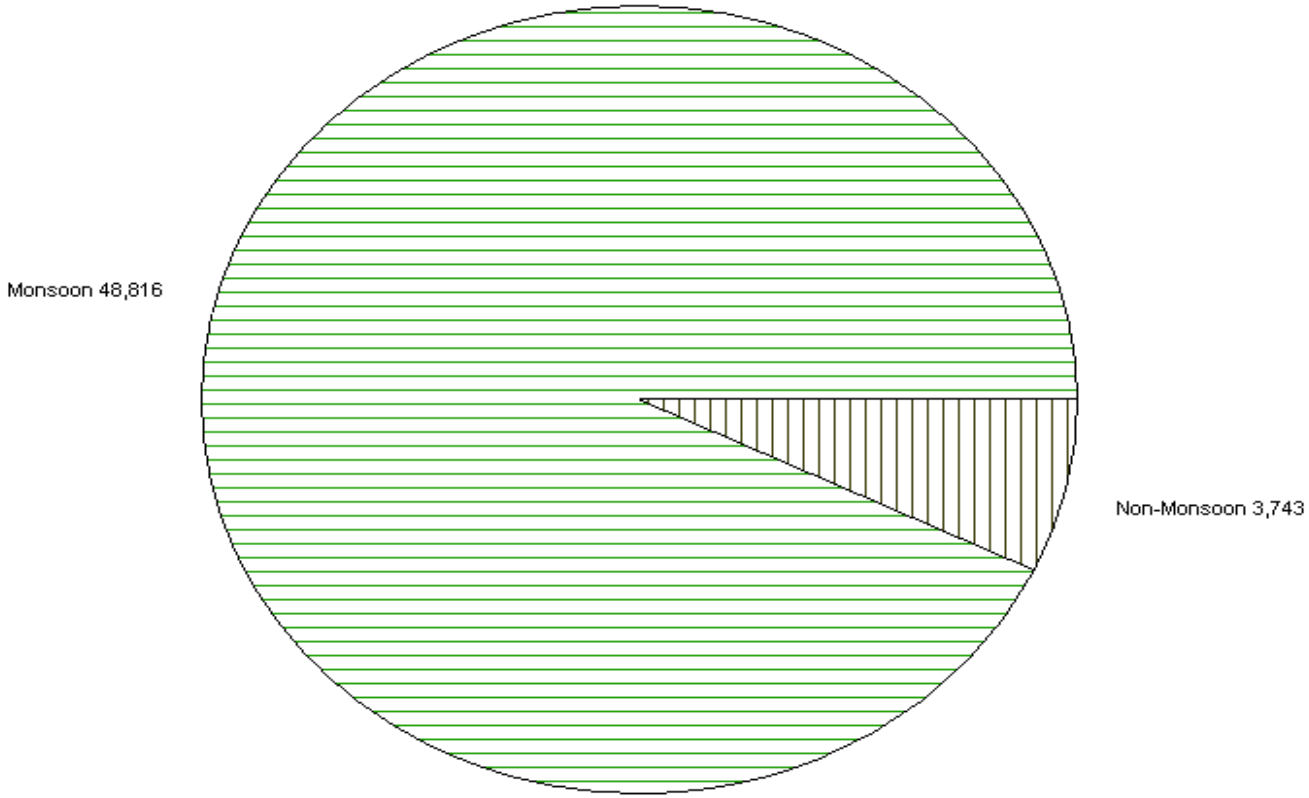
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Arkavathi **CODE NO. :** CCL00D9

SITE : T.BEKUPPE **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017								**DATE OF COLLECTION**									
1																	
2																	
3								**Sample not collected**									
4																	
POSTMONSOON 2017								**DATE OF COLLECTION**		**22-12-2017**							
1	80	-	603.400	604.600	1.200	20			8	2.09							
2	100	-	604.520	604.600	0.080	20	Discharge		47	5.52							
3	120	604.900	-	604.600	-	20	observed at		10	3.70	82.142	1.6228	0.0517	0.00016	6.894	17.87	3.33
4	140	-	603.160	604.600	1.440	20	Temp. Section.		6.5	2.02							
PREMONSOON 2018								**DATE OF COLLECTION**		**03-05-2018**							
1	80	-	603.300	604.560	1.26	20			1	0.61							
2	100	-	604.500	604.560	0.06	20	Discharge		53	4.35							
3	120	604.560	-	604.560	-	20	observed at		52	4.88	71.082	0.9104	0.0784	0.00016	5.073	30.5	3.54
4	140	-	603.200	604.560	1.36	20	Temp. Section.		16	4.32							

Annual Sediment Load for period : 1985-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1985-1986	41693	2393	44086	436
1986-1987	95207	5278	100485	548
1987-1988	119257	4986	124243	581
1988-1989	340067	2240	342306	1239
1989-1990	47846	1504	49351	551
1990-1991	5951	2434	8385	271
1991-1992	104368	2805	107173	759
1992-1993	27227	2876	30103	652
1993-1994	23544	5027	28571	661
1994-1995	15455	2798	18253	499
1995-1996	15631	2436	18067	483
1996-1997	5952	835	6787	1096
1997-1998	2858	643	3502	729
1998-1999	2991	495	3487	1022
1999-2000	8060	1447	9506	927
2000-2001	77761	3602	81363	1412
2001-2002	20600	2990	23591	707
2002-2003	3953	961	4914	228
2003-2004	3404	675	4079	255
2004-2005	7388	979	8367	579
2005-2006	14623	4199	18823	1334
2006-2007	0	0	0	465
2007-2008	0	0	0	666
2008-2009	9062	1698	10761	738
2009-2010	27214	3900	31113	1104
2010-2011	21679	3375	25053	1029
2011-2012	15686	2525	18211	644
2012-2013	2973	878	3851	214
2013-2014	8129	920	9050	340
2014-2015	6168	1066	7234	350
2015-2016	8306	116	8422	414
2016-2017	0	0	0	6
2017-2018	2939	12	2951	183

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31							0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 2951

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	40.20	0.000	0.000	0.003	0.003	9	10.25	0.000	0.000	0.001	0.001	1
2	0.000	0.000	0.000	0.000	0.000	0	26.86	0.000	0.000	0.002	0.002	5	11.22	0.000	0.000	0.001	0.001	1
3	0.000	0.000	0.000	0.000	0.000	0	24.67	0.000	0.000	0.002	0.002	4	7.670	0.000	0.000	0.001	0.001	0
4	0.000	0.000	0.000	0.000	0.000	0	14.31	0.000	0.000	0.001	0.001	1	11.22	0.000	0.000	0.001	0.001	1
5	0.000	0.000	0.000	0.000	0.000	0	11.22	0.000	0.000	0.001	0.001	1	11.22	0.000	0.000	0.001	0.001	1
6	0.000	0.000	0.000	0.000	0.000	0	147.4	0.000	0.000	0.013	0.013	164	14.17	0.000	0.000	0.001	0.001	1
7	0.000	0.000	0.000	0.000	0.000	0	104.9	0.000	0.000	0.019	0.019	173	15.95	0.000	0.000	0.001	0.001	2
8	0.000	0.000	0.000	0.000	0.000	0	76.27	0.000	0.000	0.002	0.002	13	26.22	0.000	0.000	0.001	0.001	3
9	0.000	0.000	0.000	0.000	0.000	0	58.56	0.000	0.000	0.002	0.002	9	48.51	0.000	0.000	0.003	0.003	11
10	0.000	0.000	0.000	0.000	0.000	0	39.84	0.000	0.000	0.001	0.001	4	28.45	0.000	0.000	0.002	0.002	5
11	0.000	0.000	0.000	0.000	0.000	0	48.83	0.000	0.000	0.001	0.001	6	16.33	0.000	0.000	0.002	0.002	2
12	28.35	0.000	0.000	0.018	0.018	45	63.54	0.000	0.000	0.002	0.002	9	7.836	0.000	0.000	0.001	0.001	0
13	13.32	0.000	0.000	0.007	0.007	8	40.03	0.000	0.000	0.001	0.001	4	7.370	0.000	0.000	0.001	0.001	0
14	0.000	0.000	0.000	0.000	0.000	0	35.84	0.000	0.000	0.001	0.001	4	3.740	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	23.62	0.000	0.000	0.001	0.001	2	2.010	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	101.5	0.000	0.000	0.019	0.019	169	1.710	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	50.94	0.000	0.000	0.015	0.015	65	1.710	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	32.66	0.000	0.000	0.001	0.001	4	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	21.72	0.000	0.000	0.001	0.001	2	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	14.67	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	11.05	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	6.319	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	3.430	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	115.2	0.000	0.000	0.018	0.018	178	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	359.1	0.000	0.000	0.049	0.049	1511	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	193.2	0.000	0.000	0.026	0.026	427	4.256	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
30	60.79	0.000	0.000	0.016	0.016	85	11.97	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0
31							10.49	0.000	0.000	0.001	0.001	1						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	54.42	0.000	0.000	0.005	0.005	38	18.49	0.000	0.000	0.001	0.001	3
Ten Daily II	4.167	0.000	0.000	0.003	0.003	5	43.33	0.000	0.000	0.004	0.004	27	4.071	0.000	0.000	0.000	0.000	0
Ten Daily III	72.83	0.000	0.000	0.011	0.011	220	4.320	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						2254						655						30

Annual Sediment Load (Metric Tonnes) : 2951

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	17.61	0.000	0.000	0.002	0.002	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	20.31	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	14.44	0.000	0.000	0.001	0.001	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	12.17	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	12.79	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	8.070	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	6.740	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	4.869	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	2.330	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	2.160	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
31	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	9.700	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.449	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						12						0						0

Annual Sediment Load (Metric Tonnes) : 2951

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.K.Halli (CCM00B9) **Division : Cauvery Division, Bangalore**

Local River : Shimsa **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
31	0.000	0.000	0.000	0.000	0.000	0							0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						0						0

Annual Sediment Load (Metric Tonnes) : 2951

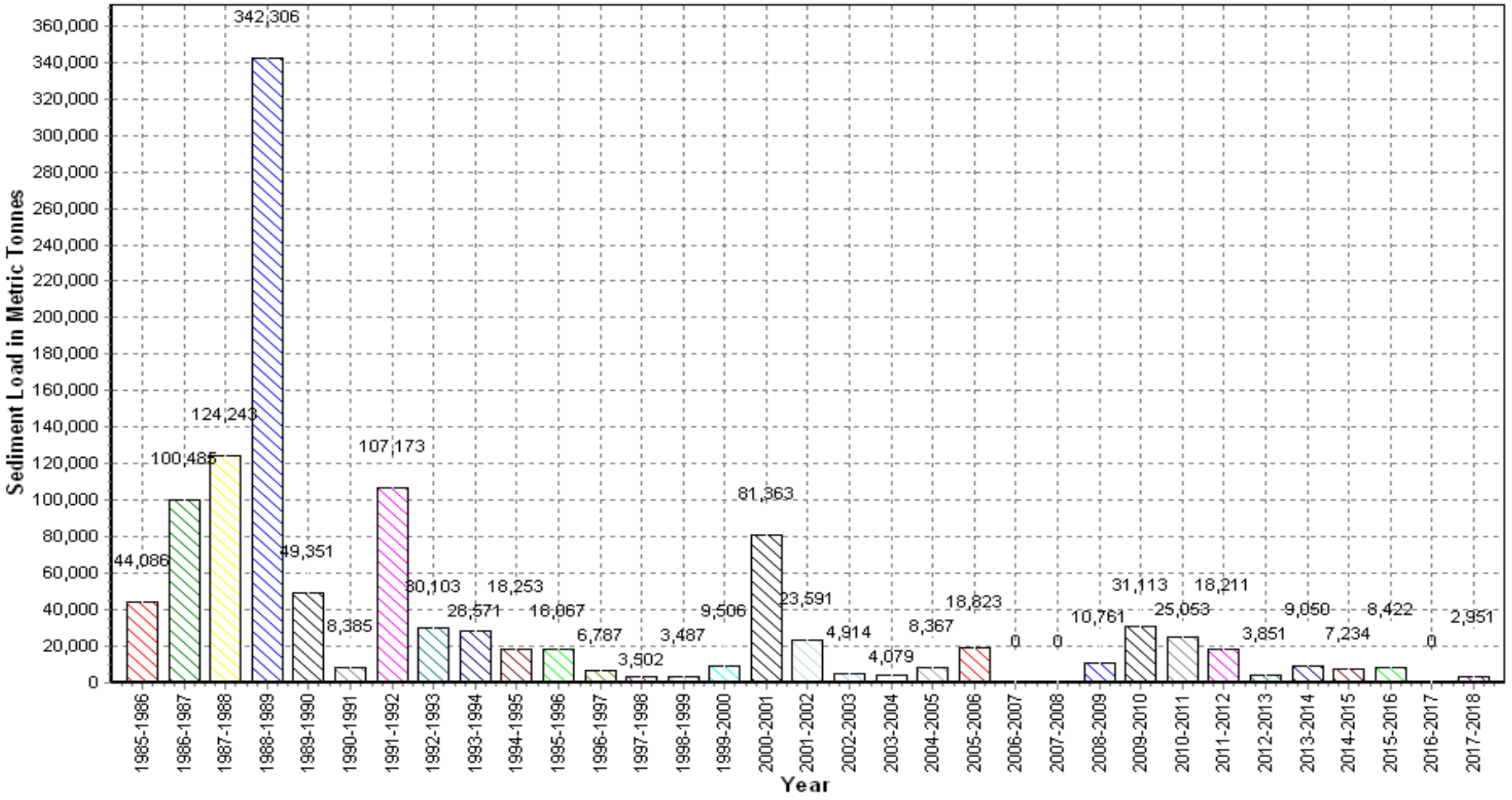
Annual Sediment Load for the period: 1985-2018

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

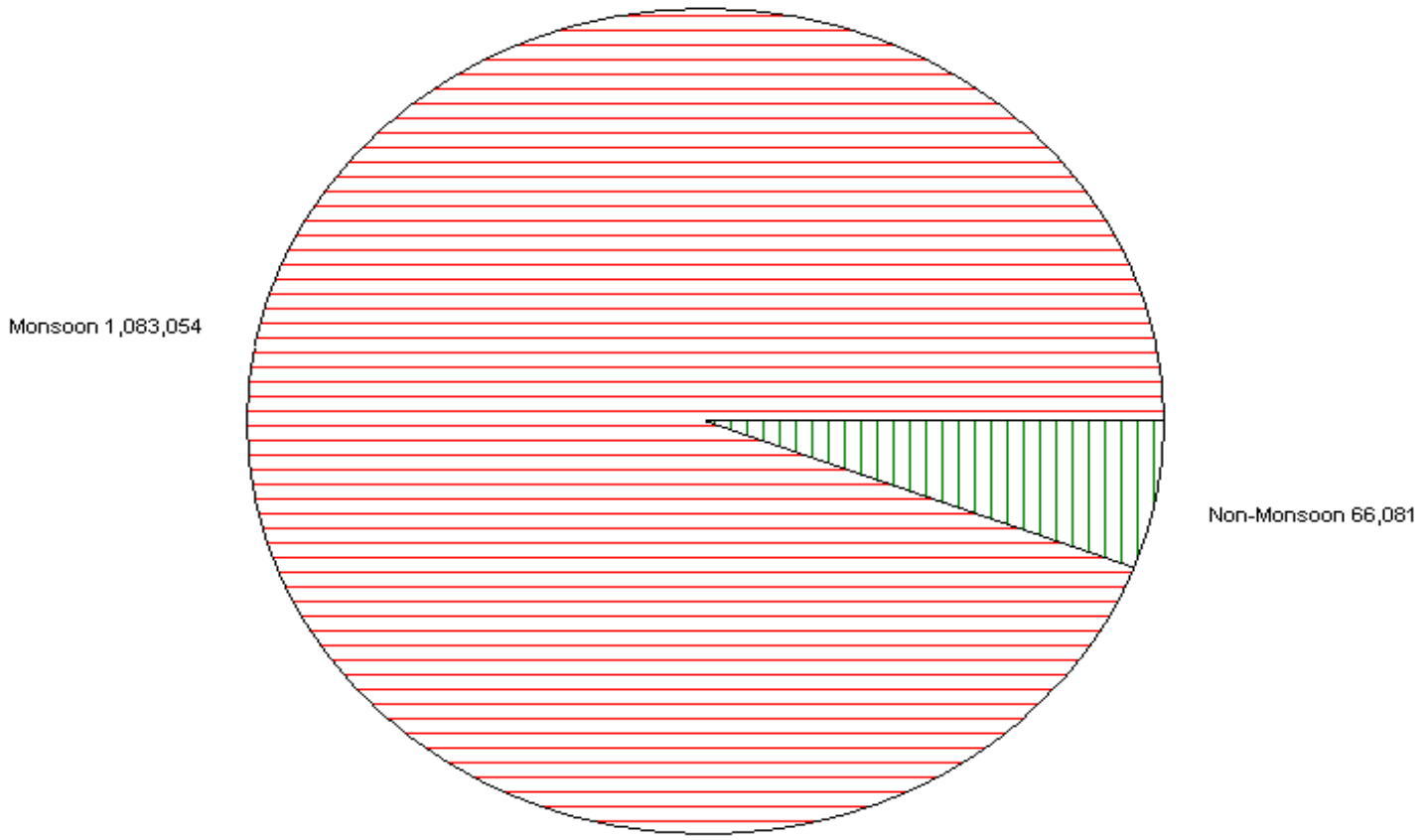
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1985-2017

Station Name : T.K.Halli (CCM00B9)
Local River : Shimsa

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



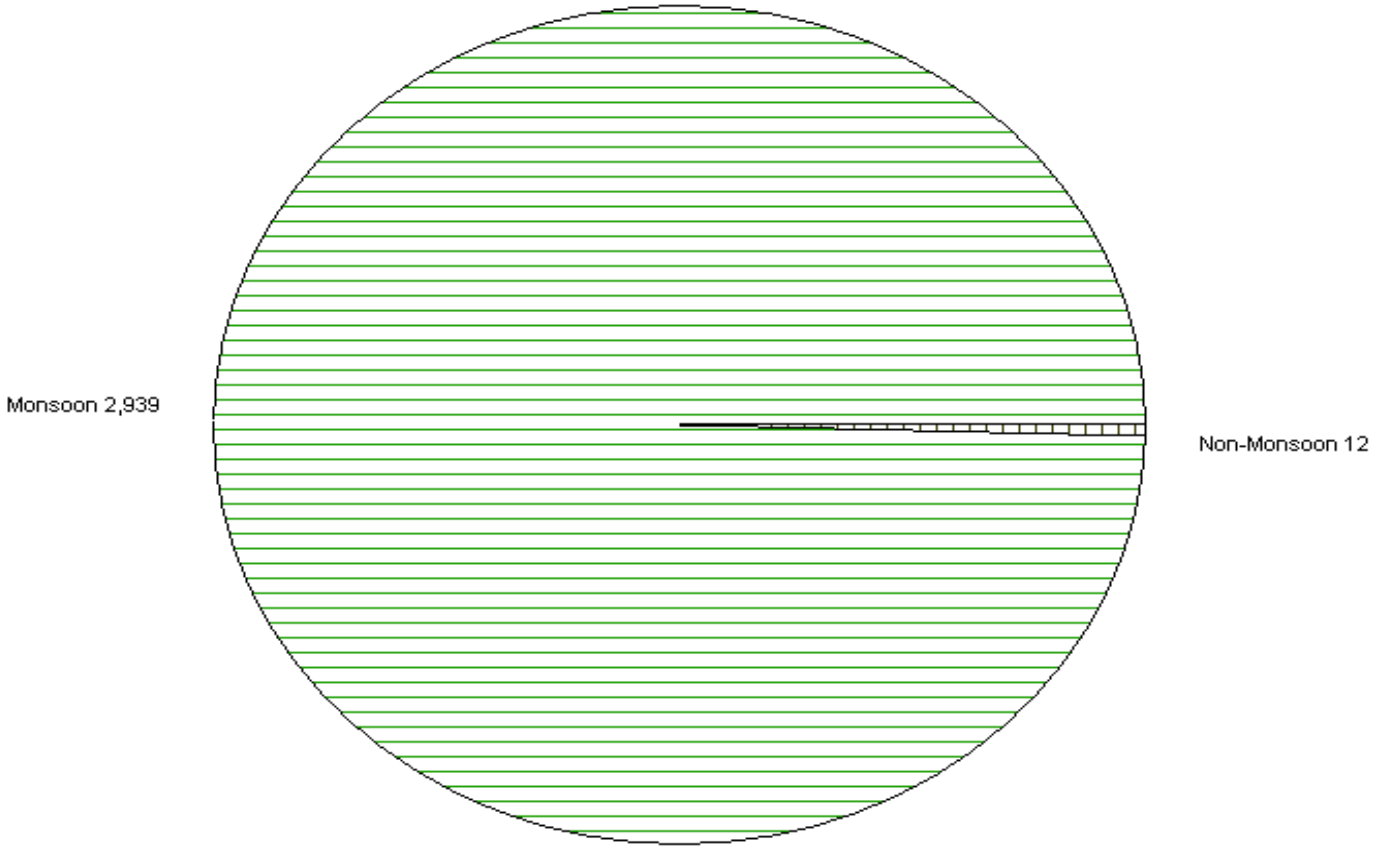
Seasonal Sediment Load for the Year: 2017-2018

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Shimsa **CODE NO. :** *CCM00B9*

SITE : T.K.HALLI **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**				**00-00-0000**						
1							Sample not collected										
2																	
3																	
POSTMONSOON 2017							**DATE OF COLLECTION**				**02-02-2018**						
1	30	-	580.190	Dry bed	Dry bed	130	STAGANANT WATER NO FLOW		5	0.70							
2	60	-	579.010	581.550	1.550	130			5	1.51	No Flow					5	0.75
3	90	-	579.000	581.560	1.560	130			5	1.79							
PREMONSOON 2018							**DATE OF COLLECTION**				**19-05-2018**						
1	30	-	580.900	584.540	3.60	30	--Dry Bed--		4	1.18							
2	60	-	578.280	584.540	6.26	30	--No Flow --		8	2.46	-- No Flow --					5.66	1.826
3	90	-	579.480	584.540	5.13	30	--No Flow --		5	1.84							

Annual Sediment Load for period : 1977-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1977-1978	529031	24953	553984	7551
1978-1979	369070	31388	400458	9548
1979-1980	485128	26524	511651	8236
1980-1981	714492	31452	745944	11591
1981-1982	478090	25288	503378	9551
1982-1983	132736	13858	146594	4315
1983-1984	244824	17824	262648	5253
1984-1985	455948	15463	471411	8073
1985-1986	334445	17555	352000	3971
1986-1987	230975	20459	251434	4375
1987-1988	107879	15631	123511	2155
1988-1989	115420	11752	127172	3936
1989-1990	121016	11386	132401	4224
1990-1991	59711	13663	73374	4160
1991-1992	384857	14306	399163	7062
1992-1993	290989	11700	302690	9566
1993-1994	85148	14134	99282	4983
1994-1995	617715	19895	637609	10756
1995-1996	142927	18447	161374	4730
1996-1997	281519	16226	297745	5256
1997-1998	304656	22785	327442	7558
1998-1999	161424	12657	174081	5810
1999-2000	172295	8270	180565	6663
2000-2001	303880	37159	341039	7080
2001-2002	78435	6116	84550	4648
2002-2003	54939	8503	63442	3845
2003-2004	28647	5176	33824	3012
2004-2005	33521	7693	41214	4678
2005-2006	227602	15127	242728	8884
2006-2007	145404	10683	156087	8115
2007-2008	280194	16562	296755	9934
2008-2009	93011	10343	103355	6118
2009-2010	56897	7629	64525	5228
2010-2011	32488	6569	39057	4557
2011-2012	46065	3653	49718	5688
2012-2013	11805	2190	13995	2032
2013-2014	119087	1161	120248	6938
2014-2015	61522	2729	64252	5632
2015-2016	8101	757	8859	3182

Annual Sediment Load for period : 1977-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

2016-2017	2369	231	2600	1386
2017-2018	7072	978	8051	2470

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	36.21	0.000	0.000	0.004	0.004	12	0.000	0.000	0.000	0.000	0.000	0	221.8	0.000	0.000	0.003	0.003	57
2	39.74	0.000	0.000	0.003	0.003	11	0.000	0.000	0.000	0.000	0.000	0	193.9	0.000	0.000	0.003	0.003	47
3	40.47	0.000	0.000	0.004	0.004	13	0.000	0.000	0.000	0.000	0.000	0	200.8	0.000	0.000	0.003	0.003	50
4	51.55	0.000	0.000	0.003	0.003	15	0.000	0.000	0.000	0.000	0.000	0	187.1	0.000	0.000	0.003	0.003	47
5	50.36	0.000	0.000	0.003	0.003	15	35.23	0.000	0.000	0.003	0.003	9	206.3	0.000	0.000	0.003	0.003	50
6	31.05	0.000	0.000	0.004	0.004	11	35.23	0.000	0.000	0.003	0.003	9	222.4	0.000	0.000	0.003	0.003	56
7	26.76	0.000	0.000	0.004	0.004	9	34.75	0.000	0.000	0.004	0.004	12	199.5	0.000	0.000	0.003	0.003	50
8	0.000	0.000	0.000	0.000	0.000	0	31.57	0.000	0.000	0.003	0.003	7	222.3	0.000	0.000	0.003	0.003	58
9	0.000	0.000	0.000	0.000	0.000	0	42.93	0.000	0.000	0.003	0.003	12	200.4	0.000	0.000	0.003	0.003	48
10	0.000	0.000	0.000	0.000	0.000	0	39.08	0.000	0.000	0.003	0.003	9	232.2	0.000	0.000	0.003	0.003	60
11	0.000	0.000	0.000	0.000	0.000	0	31.47	0.000	0.000	0.003	0.003	7	202.3	0.000	0.000	0.002	0.003	47
12	0.000	0.000	0.000	0.000	0.000	0	53.78	0.000	0.000	0.003	0.003	12	173.8	0.000	0.000	0.003	0.003	44
13	0.000	0.000	0.000	0.000	0.000	0	35.08	0.000	0.000	0.003	0.003	8	179.9	0.000	0.000	0.003	0.003	44
14	0.000	0.000	0.000	0.000	0.000	0	37.20	0.000	0.000	0.002	0.002	7	192.5	0.000	0.000	0.003	0.003	47
15	0.000	0.000	0.000	0.000	0.000	0	36.59	0.000	0.000	0.003	0.003	9	230.1	0.000	0.000	0.003	0.003	56
16	0.000	0.000	0.000	0.000	0.000	0	35.23	0.000	0.000	0.003	0.003	9	401.5	0.000	0.000	0.003	0.003	97
17	0.000	0.000	0.000	0.000	0.000	0	35.23	0.000	0.000	0.003	0.003	8	227.5	0.000	0.000	0.003	0.003	57
18	0.000	0.000	0.000	0.000	0.000	0	33.99	0.000	0.000	0.003	0.003	8	169.2	0.000	0.000	0.002	0.003	39
19	0.000	0.000	0.000	0.000	0.000	0	41.88	0.000	0.000	0.003	0.003	10	141.1	0.000	0.000	0.003	0.003	37
20	0.000	0.000	0.000	0.000	0.000	0	37.70	0.000	0.000	0.002	0.002	7	139.8	0.000	0.000	0.003	0.003	40
21	0.000	0.000	0.000	0.000	0.000	0	38.20	0.000	0.000	0.002	0.002	6	87.69	0.000	0.000	0.002	0.002	15
22	0.000	0.000	0.000	0.000	0.000	0	40.79	0.000	0.000	0.002	0.002	6	98.68	0.000	0.000	0.002	0.002	16
23	0.000	0.000	0.000	0.000	0.000	0	82.81	0.000	0.000	0.003	0.003	21	81.99	0.000	0.000	0.002	0.002	14
24	0.000	0.000	0.000	0.000	0.000	0	183.3	0.000	0.000	0.001	0.001	19	188.6	0.000	0.000	0.003	0.003	47
25	0.000	0.000	0.000	0.000	0.000	0	226.5	0.000	0.000	0.003	0.003	51	204.1	0.000	0.000	0.003	0.003	56
26	0.000	0.000	0.000	0.000	0.000	0	211.4	0.000	0.000	0.002	0.002	44	193.1	0.000	0.000	0.003	0.003	52
27	0.000	0.000	0.000	0.000	0.000	0	211.3	0.000	0.000	0.029	0.029	520	198.8	0.000	0.000	0.003	0.003	53
28	0.000	0.000	0.000	0.000	0.000	0	195.3	0.000	0.000	0.003	0.003	46	192.4	0.000	0.000	0.003	0.003	53
29	0.000	0.000	0.000	0.000	0.000	0	204.2	0.000	0.000	0.003	0.003	48	209.4	0.000	0.000	0.003	0.003	58
30	0.000	0.000	0.000	0.000	0.000	0	222.4	0.000	0.000	0.030	0.030	575	210.4	0.000	0.000	0.003	0.003	58
31							216.0	0.000	0.000	0.003	0.003	47	287.9	0.000	0.000	0.003	0.003	82
Ten Daily Mean																		
Ten Daily I	27.61	0.000	0.000	0.003	0.003	9	21.88	0.000	0.000	0.002	0.002	6	208.7	0.000	0.000	0.003	0.003	52
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	37.82	0.000	0.000	0.003	0.003	9	205.8	0.000	0.000	0.003	0.003	51
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	166.6	0.000	0.000	0.007	0.007	126	177.6	0.000	0.000	0.003	0.003	46
Monthly																		
Total						86						1526						1536

Annual Sediment Load (Metric Tonnes) : 8051

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kollegal (CC000R5) | **Division : Cauvery Division, Bangalore**

Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	461.1	0.000	0.000	0.003	0.003	116	220.6	0.000	0.000	0.003	0.003	51	94.93	0.000	0.000	0.003	0.003	24
2	483.4	0.000	0.000	0.003	0.003	121	186.7	0.000	0.000	0.003	0.003	44	94.91	0.000	0.000	0.003	0.003	25
3	367.8	0.000	0.000	0.003	0.003	95	180.3	0.000	0.000	0.003	0.003	48	92.64	0.000	0.000	0.003	0.003	24
4	410.4	0.000	0.000	0.003	0.003	106	164.9	0.000	0.000	0.003	0.003	38	80.72	0.000	0.000	0.003	0.003	20
5	229.6	0.000	0.000	0.003	0.003	63	202.6	0.000	0.000	0.003	0.003	51	74.66	0.000	0.000	0.003	0.003	18
6	422.1	0.000	0.000	0.003	0.003	106	393.5	0.000	0.000	0.003	0.003	105	94.46	0.000	0.000	0.003	0.003	25
7	464.5	0.000	0.000	0.003	0.003	116	383.9	0.000	0.000	0.003	0.003	100	92.20	0.000	0.000	0.003	0.003	25
8	225.8	0.000	0.000	0.003	0.004	72	257.9	0.000	0.000	0.003	0.003	60	92.49	0.000	0.000	0.004	0.004	29
9	209.3	0.000	0.000	0.003	0.003	60	204.7	0.000	0.000	0.003	0.003	53	90.23	0.000	0.000	0.003	0.003	23
10	207.7	0.000	0.000	0.003	0.003	59	165.5	0.000	0.000	0.003	0.003	39	66.24	0.000	0.000	0.003	0.003	16
11	252.2	0.000	0.000	0.003	0.003	72	170.9	0.000	0.000	0.003	0.003	41	54.91	0.000	0.000	0.003	0.003	14
12	209.8	0.000	0.000	0.003	0.003	58	223.8	0.000	0.000	0.003	0.003	60	54.73	0.000	0.000	0.003	0.003	14
13	175.1	0.000	0.000	0.003	0.003	50	168.9	0.000	0.000	0.003	0.003	41	47.15	0.000	0.000	0.003	0.003	10
14	167.1	0.000	0.000	0.003	0.004	53	126.0	0.000	0.000	0.003	0.003	33	45.05	0.000	0.000	0.003	0.003	10
15	158.0	0.000	0.000	0.004	0.004	52	105.4	0.000	0.000	0.002	0.002	19	46.77	0.000	0.000	0.003	0.003	11
16	161.8	0.000	0.000	0.004	0.004	55	107.0	0.000	0.000	0.002	0.002	16	45.16	0.000	0.000	0.003	0.003	10
17	166.9	0.000	0.000	0.004	0.004	58	93.58	0.000	0.000	0.002	0.002	16	44.48	0.000	0.000	0.002	0.002	9
18	149.8	0.000	0.000	0.003	0.003	44	80.72	0.000	0.000	0.002	0.002	13	44.69	0.000	0.000	0.003	0.003	10
19	152.3	0.000	0.000	0.003	0.003	41	63.52	0.000	0.000	0.002	0.002	11	42.49	0.000	0.000	0.003	0.003	10
20	220.4	0.000	0.000	0.003	0.003	61	52.32	0.000	0.000	0.002	0.002	9	42.49	0.000	0.000	0.003	0.003	10
21	412.1	0.000	0.000	0.003	0.003	114	92.32	0.000	0.000	0.002	0.002	19	43.91	0.000	0.000	0.003	0.003	10
22	237.6	0.000	0.000	0.003	0.003	70	63.33	0.000	0.000	0.002	0.002	13	42.25	0.000	0.000	0.003	0.003	11
23	228.6	0.000	0.000	0.003	0.003	61	46.49	0.000	0.000	0.003	0.003	10	46.63	0.000	0.000	0.003	0.003	12
24	283.2	0.000	0.000	0.003	0.003	81	52.95	0.000	0.000	0.002	0.002	11	44.48	0.000	0.000	0.003	0.003	11
25	276.4	0.000	0.000	0.003	0.003	76	52.09	0.000	0.000	0.002	0.002	11	55.14	0.000	0.000	0.003	0.003	15
26	475.8	0.000	0.000	0.004	0.004	156	45.98	0.000	0.000	0.002	0.002	10	76.64	0.000	0.000	0.003	0.003	19
27	472.0	0.000	0.000	0.003	0.004	155	50.80	0.000	0.000	0.002	0.002	10	69.51	0.000	0.000	0.002	0.002	14
28	711.2	0.000	0.000	0.002	0.003	160	53.86	0.000	0.000	0.002	0.002	10	92.32	0.000	0.000	0.002	0.002	15
29	343.0	0.000	0.000	0.003	0.004	110	112.9	0.000	0.000				98.06	0.000	0.000	0.002	0.002	16
30	228.7	0.000	0.000	0.003	0.003	65	109.7	0.000	0.000				99.59	0.000	0.000	0.002	0.002	18
31							97.70	0.000	0.000									
Ten Daily Mean																		
Ten Daily I	348.2	0.000	0.000	0.003	0.003	92	236.1	0.000	0.000	0.003	0.003	59	87.35	0.000	0.000	0.003	0.003	23
Ten Daily II	181.3	0.000	0.000	0.003	0.003	54	119.2	0.000	0.000	0.002	0.002	26	46.79	0.000	0.000	0.003	0.003	11
Ten Daily III	366.9	0.000	0.000	0.003	0.003	105	70.74	0.000	0.000	0.002	0.002	12	66.85	0.000	0.000	0.003	0.003	14
Monthly																		
Total						2506						942						477

Annual Sediment Load (Metric Tonnes) : 8051

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	92.27	0.000	0.000	0.002	0.002	18	43.71	0.000	0.000	0.003	0.003	9	0.000	0.000	0.000	0.000	0.000	0
2	115.0	0.000	0.000	0.002	0.002	24	43.51	0.000	0.000	0.003	0.003	9	0.000	0.000	0.000	0.000	0.000	0
3	184.0	0.000	0.000	0.003	0.003	46	43.40	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0
4	129.1	0.000	0.000	0.002	0.002	26	41.82	0.000	0.000	0.003	0.003	9	0.000	0.000	0.000	0.000	0.000	0
5	75.99	0.000	0.000	0.003	0.003	17	23.43	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0
6	56.59	0.000	0.000	0.002	0.002	11	22.94	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0
7	65.16	0.000	0.000	0.003	0.003	14	24.26	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0
8	63.68	0.000	0.000	0.002	0.002	13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	44.47	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	49.33	0.000	0.000	0.003	0.003	12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	56.83	0.000	0.000	0.003	0.003	14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	42.33	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	38.57	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	43.55	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	23.27	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	45.41	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	30.07	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0	24.26	0.000	0.000	0.002	0.002	4
18	38.67	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0	28.05	0.000	0.000	0.002	0.002	5
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	20.30	0.000	0.000	0.002	0.002	3
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	22.91	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	66.53	0.000	0.000	0.003	0.003	15	0.000	0.000	0.000	0.000	0.000	0	18.33	0.000	0.000	0.002	0.002	3
24	39.00	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0	23.23	0.000	0.000	0.002	0.002	4
25	30.07	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0	26.11	0.000	0.000	0.003	0.003	7
26	45.57	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0	21.85	0.000	0.000	0.002	0.002	4
27	43.04	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0	20.22	0.000	0.000	0.002	0.002	3
28	45.67	0.000	0.000	0.003	0.003	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	64.57	0.000	0.000	0.002	0.002	12	0.000	0.000	0.000	0.000	0.000	0						
30	23.03	0.000	0.000	0.002	0.002	4	0.000	0.000	0.000	0.000	0.000	0						
31	46.61	0.000	0.000	0.002	0.002	10	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	87.56	0.000	0.000	0.002	0.002	19	24.31	0.000	0.000	0.002	0.002	5	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	31.87	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0	7.261	0.000	0.000	0.001	0.001	1
Ten Daily III	38.82	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0	13.72	0.000	0.000	0.001	0.001	3
Monthly																		
Total						338						48						34

Annual Sediment Load (Metric Tonnes) : 8051

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.72	0.000	0.000	0.002	0.002	4
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	67.26	0.000	0.000	0.003	0.003	17
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	78.00	0.000	0.000	0.002	0.002	12
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	63.13	0.000	0.000	0.003	0.003	19
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	38.83	0.000	0.000	0.002	0.002	7
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	27.06	0.000	0.000	0.002	0.002	5
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	22.64	0.000	0.000	0.002	0.002	4
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.36	0.000	0.000	0.002	0.002	6
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	58.06	0.000	0.000	0.002	0.002	11
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	77.93	0.000	0.000	0.002	0.002	11
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	83.68	0.000	0.000	0.002	0.002	16
16	14.78	0.000	0.000	0.002	0.002	3	0.000	0.000	0.000	0.000	0.000	0	80.51	0.000	0.000	0.002	0.002	17
17	49.57	0.000	0.000	0.002	0.002	9	25.65	0.000	0.000	0.002	0.002	5	72.70	0.000	0.000	0.002	0.002	14
18	64.34	0.000	0.000	0.002	0.002	12	62.55	0.000	0.000	0.003	0.003	16	57.64	0.000	0.000	0.002	0.002	9
19	55.64	0.000	0.000	0.002	0.002	10	59.57	0.000	0.000	0.003	0.003	14	39.41	0.000	0.000	0.002	0.002	6
20	29.97	0.000	0.000	0.002	0.002	5	33.34	0.000	0.000	0.002	0.002	6	34.36	0.000	0.000	0.002	0.002	6
21	36.28	0.000	0.000	0.003	0.003	8	22.51	0.000	0.000	0.002	0.002	4	54.28	0.000	0.000	0.002	0.002	11
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	73.06	0.000	0.000	0.003	0.003	18
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	77.85	0.000	0.000	0.003	0.003	20
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	69.31	0.000	0.000	0.003	0.003	19
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	75.71	0.000	0.000	0.003	0.003	20
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	110.4	0.000	0.000	0.004	0.004	40
27	0.000	0.000	0.000	0.000	0.000	0	29.90	0.000	0.000	0.002	0.002	5	196.3	0.000	0.000	0.006	0.006	95
28	0.000	0.000	0.000	0.000	0.000	0	27.25	0.000	0.000	0.002	0.002	4	133.8	0.000	0.000	0.003	0.003	31
29	0.000	0.000	0.000	0.000	0.000	0	24.26	0.000	0.000	0.002	0.002	4	101.7	0.000	0.000	0.002	0.002	14
30	0.000	0.000	0.000	0.000	0.000	0	20.79	0.000	0.000	0.002	0.002	3	77.58	0.000	0.000	0.002	0.002	10
31	0.000	0.000	0.000	0.000	0.000	0							43.99	0.000	0.000	0.002	0.002	6
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	32.16	0.000	0.000	0.002	0.002	7
Ten Daily II	21.43	0.000	0.000	0.001	0.001	4	18.11	0.000	0.000	0.001	0.001	4	53.87	0.000	0.000	0.002	0.002	10
Ten Daily III	3.298	0.000	0.000	0.000	0.000	1	12.47	0.000	0.000	0.001	0.001	2	92.18	0.000	0.000	0.003	0.003	26
Monthly																		
Total						47						61						450

Annual Sediment Load (Metric Tonnes) : 8051

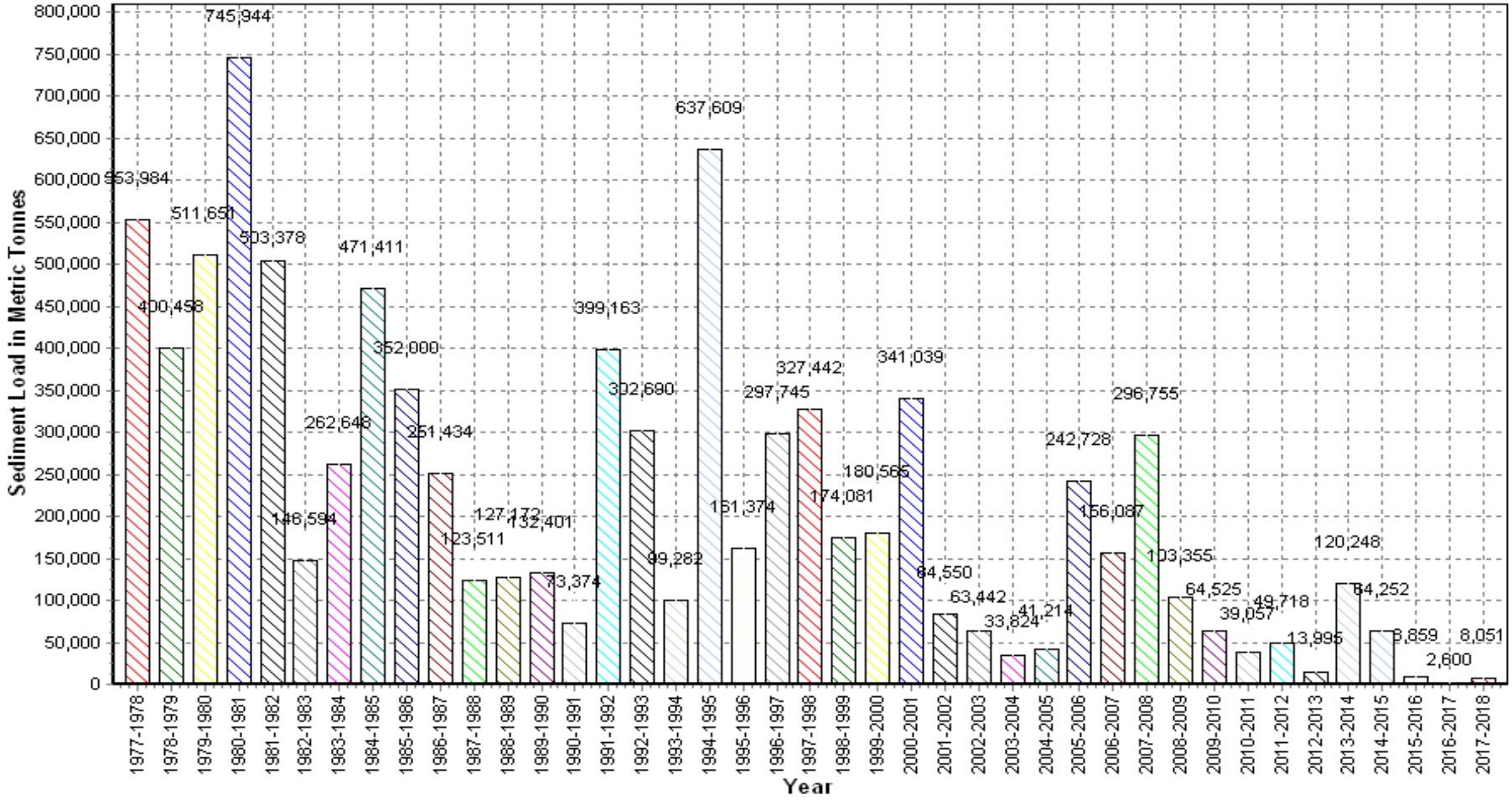
Annual Sediment Load for the period: 1977-2018

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

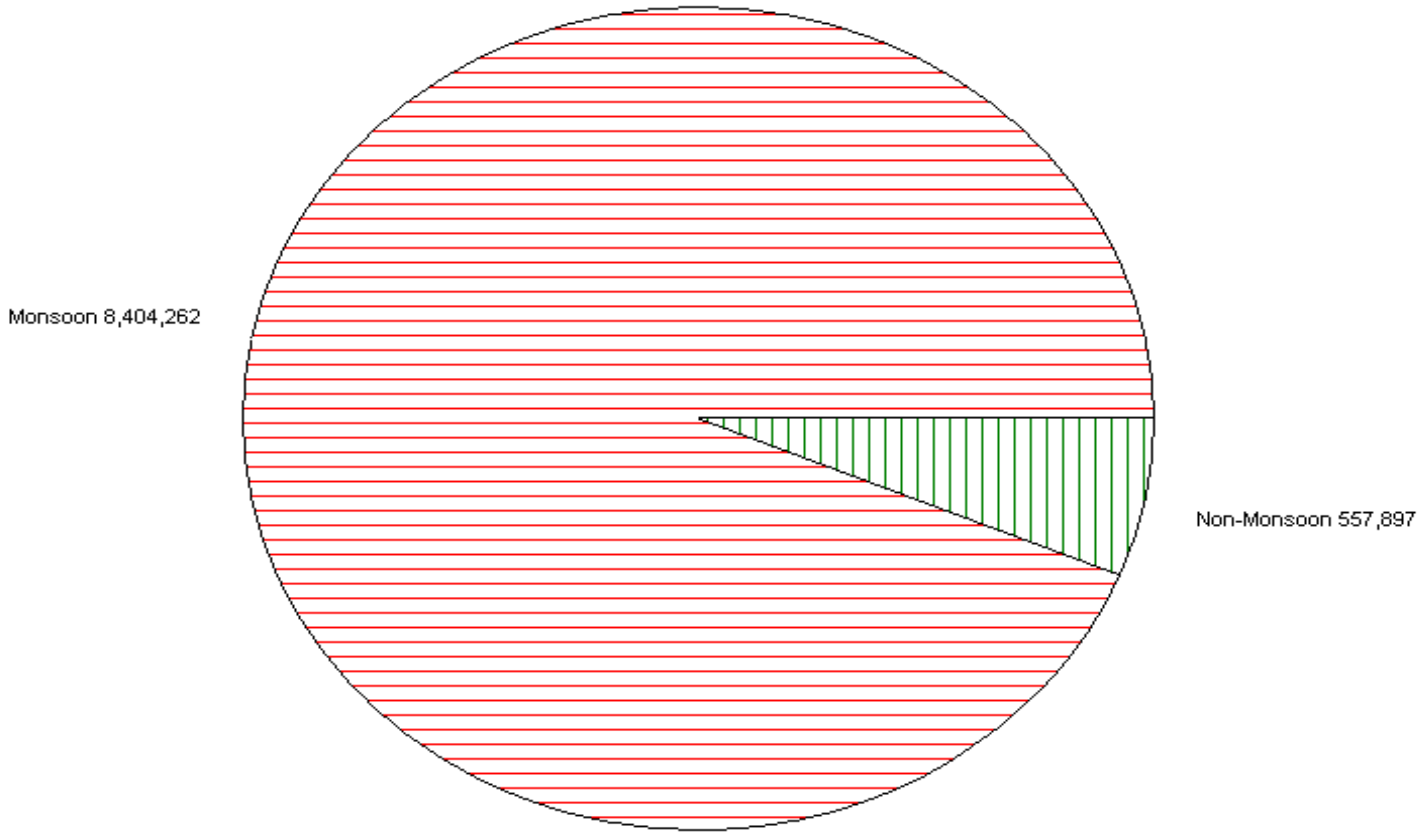
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1977-2017

Station Name : Kollegal (CC000R5)
Local River : Cauvery

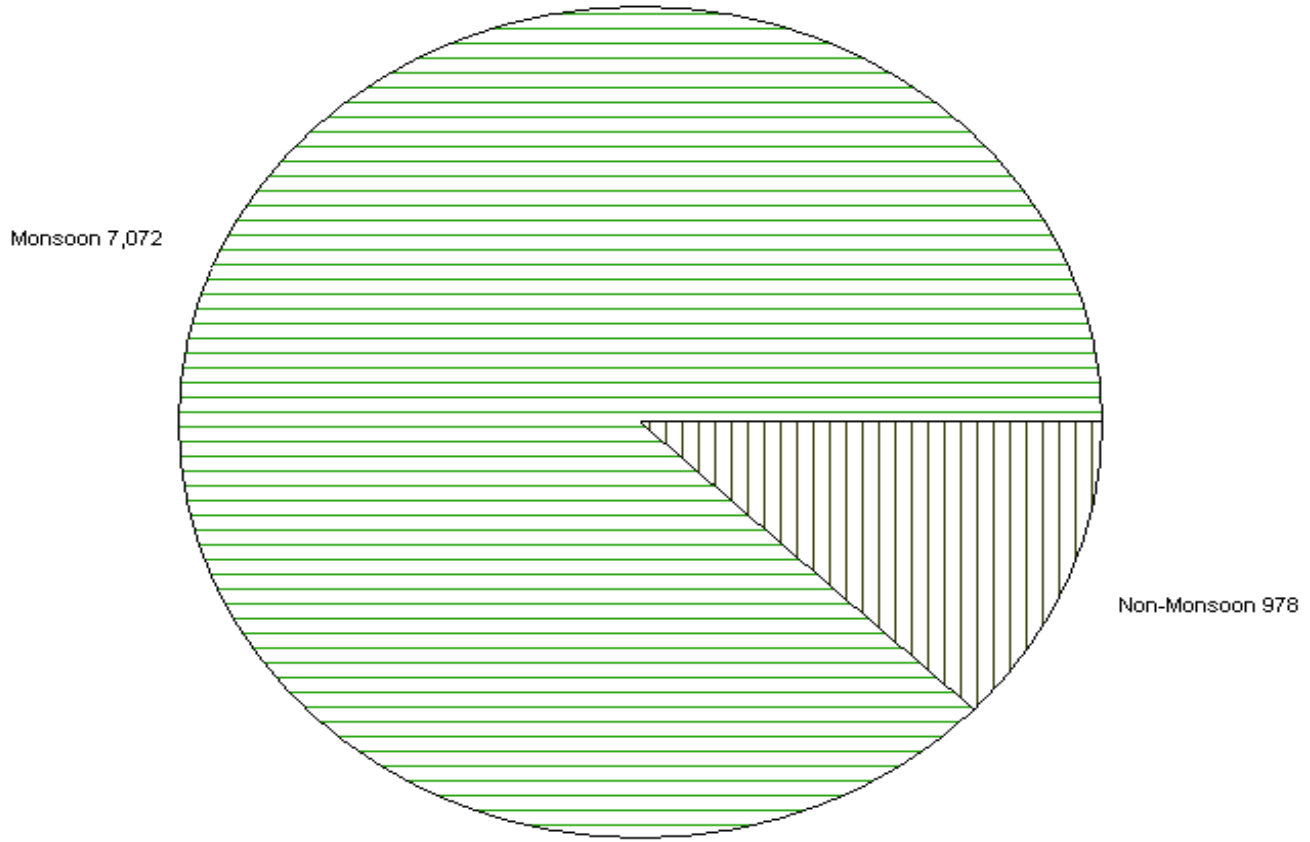
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2017-2018

Station Name : Kollegal (CC000R5)
Local River : Cauvery

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Cauvery **CODE NO. :** CC000R5

SITE : KOLLEGAL **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED								Bed Material Composition		GENERAL DATA OF THE RIVER					Bed Material Composition	
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	MONSOON 2017				**DATE OF COLLECTION**			**00-00-0000**									
1																	
2																	
3	**Sample not collected**																
4																	
5																	
6																	
	POSTMONSOON 2017				**DATE OF COLLECTION**			**26/12/2017**									
1	80	-	621.950	624.700	2.700	543	0.110	-	5.0	0.87							
2	160	-	622.100	624.550	2.550	543	0.103	1.988	5.0	1.00							
3	240	-	622.050	624.600	2.60	543	No flow		5.0	1.05							
4	320	-	621.950	624.700	2.70	543	No flow		5.0	0.91	437.795	2.4452	0.0428	0.00004	45.52	4.016	0.885
5	400	-	622.050	624.600	2.60	543	No flow		3.5	0.90							
6	500	-	625.075	Dry bed	Dry bed	543	Dry bed		0.6	0.58							
	PREMONSOON 2018				**DATE OF COLLECTION**			**07-05-2018**									
1	80	-	621.740	624.690	2.95	543	0.110	3.245	5	0.96							
2	160	-	621.990	624.690	2.70	543	0.143	3.861	5	0.91							
3	240	-	621.690	624.690	3.00	543	No flow		5	0.92							
4	320	-	621.940	624.690	2.75	543	No flow		5	0.95	437.551	2.5715	0.0563	0.00004	63.13	4.266	0.8933
5	400	-	621.990	624.690	2.65	543	No flow		5	1							
6	500	625.080	-	-	Dry bed	543	-		0.6	0.62							

Annual Sediment Load for period : 1977-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1977-1978	148214	29020	177235	3198
1978-1979	64110	12929	77039	4355
1979-1980	77399	17453	94852	3706
1980-1981	115889	14316	130205	4986
1981-1982	272026	15559	287585	4394
1982-1983	102973	12632	115605	2712
1983-1984	171157	21051	192208	2869
1984-1985	195235	9683	204918	3917
1985-1986	117112	10981	128092	2553
1986-1987	94275	13437	107713	1990
1987-1988	109986	16776	126762	1091
1988-1989	197781	10323	208104	2275
1989-1990	191055	10935	201990	2179
1990-1991	83447	24879	108326	2133
1991-1992	177152	4978	182131	3046
1992-1993	260712	6222	266935	3930
1993-1994	119456	5760	125216	2633
1994-1995	258664	4499	263163	4282
1995-1996	87045	7203	94249	2337
1996-1997	68284	4735	73018	2315
1997-1998	140487	8418	148904	2966
1998-1999	101210	12081	113291	2770
1999-2000	85925	5874	91799	2378
2000-2001	124791	16247	141037	2842
2001-2002	99950	4101	104051	2202
2002-2003	0	0	0	1934
2003-2004	41846	7453	49300	1607
2004-2005	130077	4902	134979	2456
2005-2006	283820	27300	311121	3743
2006-2007	0	0	0	3245
2007-2008	0	0	0	4771
2008-2009	15808	5457	21265	2146
2009-2010	168428	4266	172694	2708
2010-2011	32581	7508	40089	1674
2011-2012	258925	3937	262861	2512
2012-2013	42018	1957	43974	1109
2013-2014	12782	503	13286	2168
2014-2015	95348	1359	96707	2260
2015-2016	32909	1584	34493	1517
2016-2017	329	0	329	539
2017-2018	38715	8864	47579	1492

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	143.5	0.000	0.000	0.042	0.042	521
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	137.8	0.000	0.000	0.041	0.041	488
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	138.6	0.000	0.000	0.041	0.041	491
4	0.000	0.000	0.000	0.000	0.000	0	38.12	0.000	0.000	0.014	0.014	46	135.8	0.000	0.000	0.041	0.041	481
5	0.000	0.000	0.000	0.000	0.000	0	39.61	0.000	0.000	0.015	0.015	51	137.0	0.000	0.000	0.040	0.040	473
6	0.000	0.000	0.000	0.000	0.000	0	38.12	0.000	0.000	0.013	0.013	43	128.1	0.000	0.000	0.041	0.041	454
7	0.000	0.000	0.000	0.000	0.000	0	38.23	0.000	0.000	0.014	0.014	46	137.5	0.000	0.000	0.042	0.042	499
8	0.000	0.000	0.000	0.000	0.000	0	43.13	0.000	0.000	0.014	0.014	52	123.3	0.000	0.000	0.041	0.041	437
9	0.000	0.000	0.000	0.000	0.000	0	42.70	0.000	0.000	0.014	0.014	53	128.6	0.000	0.000	0.038	0.038	422
10	0.000	0.000	0.000	0.000	0.000	0	41.94	0.000	0.000	0.015	0.015	54	138.2	0.002	0.002	0.042	0.046	549
11	0.000	0.000	0.000	0.000	0.000	0	41.52	0.000	0.000	0.014	0.014	50	118.7	0.000	0.000	0.024	0.024	246
12	0.000	0.000	0.000	0.000	0.000	0	40.26	0.000	0.000	0.013	0.013	45	112.7	0.000	0.000	0.024	0.024	234
13	0.000	0.000	0.000	0.000	0.000	0	45.16	0.000	0.000	0.012	0.012	47	93.83	0.000	0.000	0.014	0.014	113
14	0.000	0.000	0.000	0.000	0.000	0	43.18	0.000	0.000	0.013	0.013	48	123.0	0.000	0.000	0.026	0.026	276
15	0.000	0.000	0.000	0.000	0.000	0	45.36	0.000	0.000	0.013	0.013	51	123.7	0.000	0.000	0.027	0.027	292
16	0.000	0.000	0.000	0.000	0.000	0	35.23	0.000	0.000	0.014	0.014	41	151.2	0.000	0.000	0.040	0.040	523
17	0.000	0.000	0.000	0.000	0.000	0	39.74	0.000	0.000	0.013	0.013	45	117.5	0.000	0.000	0.022	0.022	223
18	0.000	0.000	0.000	0.000	0.000	0	41.99	0.000	0.000	0.014	0.014	51	60.92	0.000	0.000	0.020	0.020	105
19	0.000	0.000	0.000	0.000	0.000	0	41.09	0.000	0.000	0.014	0.014	50	64.42	0.000	0.000	0.016	0.016	89
20	0.000	0.000	0.000	0.000	0.000	0	46.45	0.000	0.000	0.017	0.017	68	55.19	0.000	0.000	0.018	0.018	85
21	0.000	0.000	0.000	0.000	0.000	0	49.13	0.000	0.000	0.016	0.016	68	54.73	0.000	0.000	0.017	0.017	80
22	0.000	0.000	0.000	0.000	0.000	0	45.51	0.000	0.000	0.017	0.017	67	58.50	0.000	0.000	0.018	0.018	91
23	0.000	0.000	0.000	0.000	0.000	0	64.16	0.000	0.000	0.020	0.020	112	73.23	0.000	0.000	0.018	0.018	114
24	0.000	0.000	0.000	0.000	0.000	0	143.8	0.000	0.000	0.038	0.038	472	78.32	0.000	0.000	0.021	0.021	142
25	0.000	0.000	0.000	0.000	0.000	0	142.2	0.000	0.000	0.037	0.037	455	85.30	0.000	0.000	0.026	0.026	189
26	0.000	0.000	0.000	0.000	0.000	0	144.6	0.000	0.000	0.037	0.037	462	76.97	0.000	0.000	0.019	0.019	126
27	0.000	0.000	0.000	0.000	0.000	0	141.6	0.000	0.000	0.038	0.038	465	90.12	0.000	0.000	0.029	0.029	228
28	0.000	0.000	0.000	0.000	0.000	0	145.7	0.000	0.000	0.039	0.039	491	77.17	0.000	0.000	0.022	0.022	147
29	0.000	0.000	0.000	0.000	0.000	0	142.0	0.000	0.000	0.040	0.040	491	73.67	0.000	0.000	0.021	0.021	134
30	0.000	0.000	0.000	0.000	0.000	0	138.7	0.000	0.000	0.039	0.039	470	125.7	0.000	0.000	0.023	0.023	250
31							141.2	0.000	0.000	0.039	0.039	475	182.6	0.000	0.000	0.087	0.087	1371
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	28.19	0.000	0.000	0.010	0.010	35	134.8	0.000	0.000	0.041	0.041	482
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	42.00	0.000	0.000	0.014	0.014	50	102.1	0.000	0.000	0.023	0.023	219
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	118.1	0.000	0.000	0.033	0.033	366	88.76	0.000	0.000	0.027	0.027	261
Monthly Total						0						4869						9873

Annual Sediment Load (Metric Tonnes) : 47579

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	201.3	0.000	0.000	0.042	0.042	730	131.1	0.000	0.000	0.030	0.030	343	38.20	0.000	0.000	0.016	0.016	53
2	205.2	0.000	0.000	0.036	0.036	640	123.7	0.000	0.000	0.030	0.030	317	37.73	0.000	0.000	0.022	0.022	72
3	182.6	0.000	0.000	0.031	0.031	494	115.3	0.000	0.000	0.029	0.029	289	38.35	0.000	0.000	0.029	0.029	96
4	147.6	0.000	0.000	0.041	0.041	523	107.2	0.000	0.000	0.082	0.082	759	40.27	0.000	0.000	0.058	0.058	201
5	114.7	0.000	0.000	0.022	0.022	218	178.4	0.000	0.000	0.034	0.034	524	41.84	0.000	0.000	0.081	0.081	292
6	229.1	0.003	0.003	0.039	0.045	891	179.0	0.000	0.000	0.036	0.036	557	38.17	0.000	0.000	0.026	0.026	86
7	153.5	0.002	0.002	0.030	0.034	451	172.6	0.000	0.000	0.038	0.038	567	38.84	0.000	0.000	0.038	0.038	128
8	126.6	0.002	0.003	0.040	0.045	492	105.5	0.000	0.000	0.029	0.029	261	35.67	0.000	0.000	0.042	0.042	129
9	117.8	0.001	0.002	0.025	0.028	285	73.55	0.000	0.000	0.023	0.023	146	32.78	0.000	0.000	0.030	0.030	85
10	104.1	0.000	0.000	0.001	0.001	10	65.06	0.000	0.000	0.024	0.024	135	30.03	0.000	0.000	0.033	0.033	86
11	126.1	0.003	0.004	0.041	0.048	523	113.6	0.000	0.000	0.015	0.015	147	29.17	0.000	0.000	0.038	0.038	96
12	116.9	0.000	0.000	0.024	0.024	242	121.4	0.000	0.000	0.038	0.038	399	30.19	0.000	0.000	0.035	0.035	91
13	111.4	0.000	0.000	0.023	0.023	221	54.94	0.000	0.000	0.021	0.021	100	30.93	0.000	0.000	0.029	0.029	77
14	92.60	0.000	0.000	0.023	0.023	184	45.92	0.000	0.000	0.025	0.025	99	32.55	0.000	0.000	0.043	0.043	121
15	73.70	0.000	0.000	0.020	0.020	127	39.49	0.000	0.000	0.029	0.029	99	30.64	0.000	0.000	0.029	0.029	77
16	68.34	0.000	0.000	0.021	0.021	124	35.06	0.000	0.000	0.032	0.032	97	31.57	0.000	0.000	0.029	0.029	79
17	75.00	0.000	0.000	0.021	0.021	135	36.92	0.000	0.000	0.030	0.030	96	28.94	0.000	0.000	0.029	0.029	73
18	61.14	0.000	0.000	0.021	0.021	111	28.24	0.000	0.000	0.025	0.025	60	26.89	0.000	0.000	0.040	0.040	93
19	75.29	0.000	0.000	0.021	0.021	137	32.73	0.000	0.000	0.035	0.035	99	29.53	0.000	0.000	0.027	0.027	70
20	204.7	0.000	0.000	0.046	0.046	814	36.66	0.000	0.000	0.035	0.035	111	28.76	0.000	0.000	0.030	0.030	75
21	235.3	0.000	0.000	0.048	0.048	976	34.31	0.000	0.000	0.030	0.030	89	29.11	0.000	0.000	0.031	0.031	78
22	141.8	0.000	0.000	0.004	0.004	50	28.24	0.000	0.000	0.025	0.025	60	31.16	0.000	0.000	0.027	0.027	73
23	196.2	0.000	0.000	0.044	0.044	746	33.14	0.000	0.000	0.025	0.025	72	32.43	0.000	0.000	0.029	0.029	81
24	193.7	0.000	0.000	0.044	0.044	733	32.08	0.000	0.000	0.026	0.026	72	34.35	0.000	0.000	0.030	0.030	89
25	198.4	0.000	0.000	0.044	0.044	754	30.96	0.000	0.000	0.024	0.024	64	38.44	0.000	0.000	0.025	0.025	83
26	232.4	0.003	0.003	0.046	0.052	1044	31.88	0.000	0.000	0.026	0.026	72	37.97	0.000	0.000	0.032	0.032	104
27	236.8	0.003	0.003	0.042	0.048	982	34.76	0.000	0.000	0.027	0.027	81	38.51	0.000	0.000	0.029	0.029	96
28	268.8	0.000	0.000	0.039	0.039	906	41.84	0.000	0.000	0.024	0.024	87	41.29	0.000	0.000	0.039	0.039	139
29	184.5	0.000	0.000	0.043	0.043	690	54.73	0.000	0.000	0.042	0.042	199	41.88	0.000	0.000	0.028	0.028	101
30	149.8	0.000	0.000	0.040	0.040	518	41.41	0.000	0.000	0.034	0.034	122	41.11	0.000	0.000	0.024	0.024	85
31							38.40	0.000	0.000	0.028	0.028	93						
Ten Daily Mean																		
Ten Daily I	158.3	0.001	0.001	0.031	0.033	473	125.1	0.000	0.000	0.035	0.035	390	37.19	0.000	0.000	0.037	0.037	123
Ten Daily II	100.5	0.000	0.000	0.026	0.027	262	54.50	0.000	0.000	0.028	0.028	131	29.92	0.000	0.000	0.033	0.033	85
Ten Daily III	203.8	0.001	0.001	0.039	0.041	740	36.52	0.000	0.000	0.028	0.028	92	36.63	0.000	0.000	0.029	0.029	93
Monthly																		
Total						14751						6214						3008

Annual Sediment Load (Metric Tonnes) : 47579

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	41.01	0.000	0.000	0.026	0.026	92	33.61	0.000	0.000	0.046	0.046	134	0.000	0.000	0.000	0.000	0.000	0
2	51.18	0.000	0.000	0.030	0.030	134	33.61	0.000	0.000	0.046	0.046	134	0.000	0.000	0.000	0.000	0.000	0
3	61.54	0.000	0.000	0.034	0.034	179	31.70	0.000	0.000	0.039	0.039	108	0.000	0.000	0.000	0.000	0.000	0
4	45.02	0.000	0.000	0.028	0.028	109	28.50	0.000	0.000	0.028	0.028	69	0.000	0.000	0.000	0.000	0.000	0
5	41.61	0.000	0.000	0.028	0.028	101	28.22	0.000	0.000	0.027	0.027	66	0.000	0.000	0.000	0.000	0.000	0
6	44.13	0.000	0.000	0.027	0.027	103	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	35.12	0.000	0.000	0.045	0.045	137	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	35.38	0.000	0.000	0.031	0.031	95	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	35.77	0.000	0.000	0.030	0.030	93	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	33.61	0.000	0.000	0.030	0.030	87	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	34.39	0.000	0.000	0.032	0.032	95	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	33.19	0.000	0.000	0.037	0.037	106	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	34.65	0.000	0.000	0.030	0.030	90	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	34.57	0.000	0.000	0.030	0.030	90	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	35.37	0.000	0.000	0.027	0.027	83	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	32.87	0.000	0.000	0.028	0.028	80	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	31.70	0.000	0.000	0.028	0.028	78	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	32.30	0.000	0.000	0.028	0.028	78	10.17	0.000	0.000	0.013	0.013	11	0.000	0.000	0.000	0.000	0.000	0
19	35.64	0.000	0.000	0.027	0.027	83	12.32	0.000	0.000	0.012	0.012	13	0.000	0.000	0.000	0.000	0.000	0
20	41.13	0.000	0.000	0.034	0.034	121	12.32	0.000	0.000	0.014	0.014	15	0.000	0.000	0.000	0.000	0.000	0
21	41.29	0.000	0.000	0.033	0.033	118	12.32	0.000	0.000	0.013	0.013	14	0.000	0.000	0.000	0.000	0.000	0
22	41.34	0.000	0.000	0.025	0.025	89	13.25	0.000	0.000	0.015	0.015	17	0.000	0.000	0.000	0.000	0.000	0
23	35.34	0.000	0.000	0.037	0.037	113	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	31.08	0.000	0.000	0.034	0.034	90	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	35.58	0.000	0.000	0.035	0.035	109	0.000	0.000	0.000	0.000	0.000	0	35.39	0.000	0.000	0.032	0.032	97
26	35.52	0.000	0.000	0.037	0.037	114	0.000	0.000	0.000	0.000	0.000	0	37.49	0.000	0.000	0.031	0.031	100
27	34.88	0.000	0.000	0.031	0.031	93	0.000	0.000	0.000	0.000	0.000	0	22.32	0.000	0.000	0.035	0.035	67
28	37.08	0.000	0.000	0.027	0.027	87	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	29.46	0.000	0.000	0.026	0.026	66	0.000	0.000	0.000	0.000	0.000	0						
30	30.64	0.000	0.000	0.034	0.034	90	0.000	0.000	0.000	0.000	0.000	0						
31	35.58	0.000	0.000	0.035	0.035	109	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	42.44	0.000	0.000	0.031	0.031	113	15.56	0.000	0.000	0.019	0.019	51	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	34.58	0.000	0.000	0.030	0.030	90	3.481	0.000	0.000	0.004	0.004	4	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	35.25	0.000	0.000	0.032	0.032	98	2.325	0.000	0.000	0.003	0.003	3	11.90	0.000	0.000	0.012	0.012	33
Monthly																		
Total						3107						582						265

Annual Sediment Load (Metric Tonnes) : 47579

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	10.16	0.000	0.000	0.012	0.012	11	20.87	0.000	0.000	0.018	0.018	32	24.15	0.000	0.000	0.020	0.020	42
2	12.26	0.000	0.000	0.010	0.010	11	26.92	0.000	0.000	0.019	0.019	44	24.89	0.000	0.000	0.017	0.017	37
3	12.57	0.000	0.000	0.011	0.011	12	32.60	0.000	0.000	0.020	0.020	56	28.38	0.000	0.000	0.018	0.018	44
4	11.00	0.000	0.000	0.011	0.011	10	35.47	0.000	0.000	0.024	0.024	74	33.97	0.000	0.000	0.019	0.019	56
5	8.955	0.000	0.000	0.011	0.011	9	33.67	0.000	0.000	0.016	0.016	47	45.19	0.000	0.000	0.022	0.022	87
6	7.334	0.000	0.000	0.013	0.013	8	31.68	0.000	0.000	0.022	0.022	60	37.32	0.000	0.000	0.020	0.020	66
7	7.873	0.000	0.000	0.011	0.011	7	27.86	0.000	0.000	0.021	0.021	51	31.11	0.000	0.000	0.022	0.022	59
8	7.710	0.000	0.000	0.010	0.010	7	19.66	0.000	0.000	0.018	0.018	30	29.58	0.000	0.000	0.016	0.016	41
9	10.73	0.000	0.000	0.011	0.011	10	19.33	0.000	0.000	0.017	0.017	28	28.12	0.000	0.000	0.016	0.016	39
10	10.87	0.000	0.000	0.010	0.010	9	20.53	0.000	0.000	0.022	0.022	39	26.15	0.000	0.000	0.015	0.015	34
11	13.25	0.000	0.000	0.013	0.013	14	20.75	0.000	0.000	0.020	0.020	36	32.60	0.000	0.000	0.019	0.019	54
12	18.71	0.000	0.000	0.016	0.016	26	21.73	0.000	0.000	0.022	0.022	41	39.46	0.000	0.000	0.025	0.025	86
13	22.74	0.000	0.000	0.023	0.023	45	28.66	0.000	0.000	0.023	0.023	57	38.60	0.000	0.000	0.025	0.025	82
14	27.65	0.000	0.000	0.015	0.015	36	34.55	0.000	0.000	0.026	0.026	78	34.86	0.000	0.000	0.024	0.024	72
15	29.03	0.000	0.000	0.021	0.021	53	43.42	0.000	0.000	0.018	0.018	67	34.80	0.000	0.000	0.023	0.023	69
16	37.93	0.000	0.000	0.022	0.022	72	37.82	0.000	0.000	0.023	0.023	75	34.60	0.000	0.000	0.022	0.022	66
17	50.62	0.000	0.000	0.028	0.028	122	41.41	0.000	0.000	0.031	0.031	111	33.72	0.000	0.000	0.023	0.023	67
18	35.39	0.000	0.000	0.020	0.020	62	41.08	0.000	0.000	0.030	0.030	106	32.15	0.000	0.000	0.020	0.020	56
19	30.03	0.000	0.000	0.015	0.015	39	27.30	0.000	0.000	0.021	0.021	50	31.23	0.000	0.000	0.023	0.023	62
20	27.57	0.000	0.000	0.018	0.018	43	22.69	0.000	0.000	0.023	0.023	45	34.02	0.000	0.000	0.022	0.022	64
21	20.44	0.000	0.000	0.019	0.019	34	17.67	0.000	0.000	0.017	0.017	26	35.35	0.000	0.000	0.022	0.022	67
22	18.83	0.000	0.000	0.019	0.019	31	19.00	0.000	0.000	0.019	0.019	32	34.87	0.000	0.000	0.022	0.022	66
23	15.64	0.000	0.000	0.020	0.020	27	14.23	0.000	0.000	0.020	0.020	25	33.01	0.000	0.000	0.026	0.026	74
24	14.36	0.000	0.000	0.020	0.020	25	25.45	0.000	0.000	0.018	0.018	40	35.39	0.000	0.000	0.022	0.022	67
25	20.25	0.000	0.000	0.020	0.020	35	33.61	0.000	0.000	0.023	0.023	67	45.28	0.000	0.000	0.025	0.025	98
26	27.89	0.000	0.000	0.024	0.024	58	40.35	0.000	0.000	0.021	0.021	73	67.31	0.000	0.000	0.041	0.041	238
27	22.68	0.000	0.000	0.015	0.015	29	30.71	0.000	0.000	0.023	0.023	61	70.33	0.000	0.000	0.037	0.037	224
28	20.48	0.000	0.000	0.017	0.017	30	30.18	0.000	0.000	0.026	0.026	68	57.14	0.000	0.000	0.023	0.023	114
29	17.35	0.000	0.000	0.019	0.019	29	26.91	0.000	0.000	0.026	0.026	60	35.70	0.000	0.000	0.024	0.024	74
30	20.87	0.000	0.000	0.020	0.020	36	24.20	0.000	0.000	0.027	0.027	56	30.62	0.000	0.000	0.019	0.019	50
31	21.01	0.000	0.000	0.015	0.015	27							25.58	0.000	0.000	0.026	0.026	57
Ten Daily Mean																		
Ten Daily I	9.946	0.000	0.000	0.011	0.011	9	26.86	0.000	0.000	0.020	0.020	46	30.89	0.000	0.000	0.019	0.019	50
Ten Daily II	29.29	0.000	0.000	0.019	0.019	51	31.94	0.000	0.000	0.024	0.024	67	34.60	0.000	0.000	0.023	0.023	68
Ten Daily III	19.98	0.000	0.000	0.019	0.019	33	26.23	0.000	0.000	0.022	0.022	51	42.78	0.000	0.000	0.026	0.026	103
Monthly																		
Total						966						1634						2311

Annual Sediment Load (Metric Tonnes) : 47579

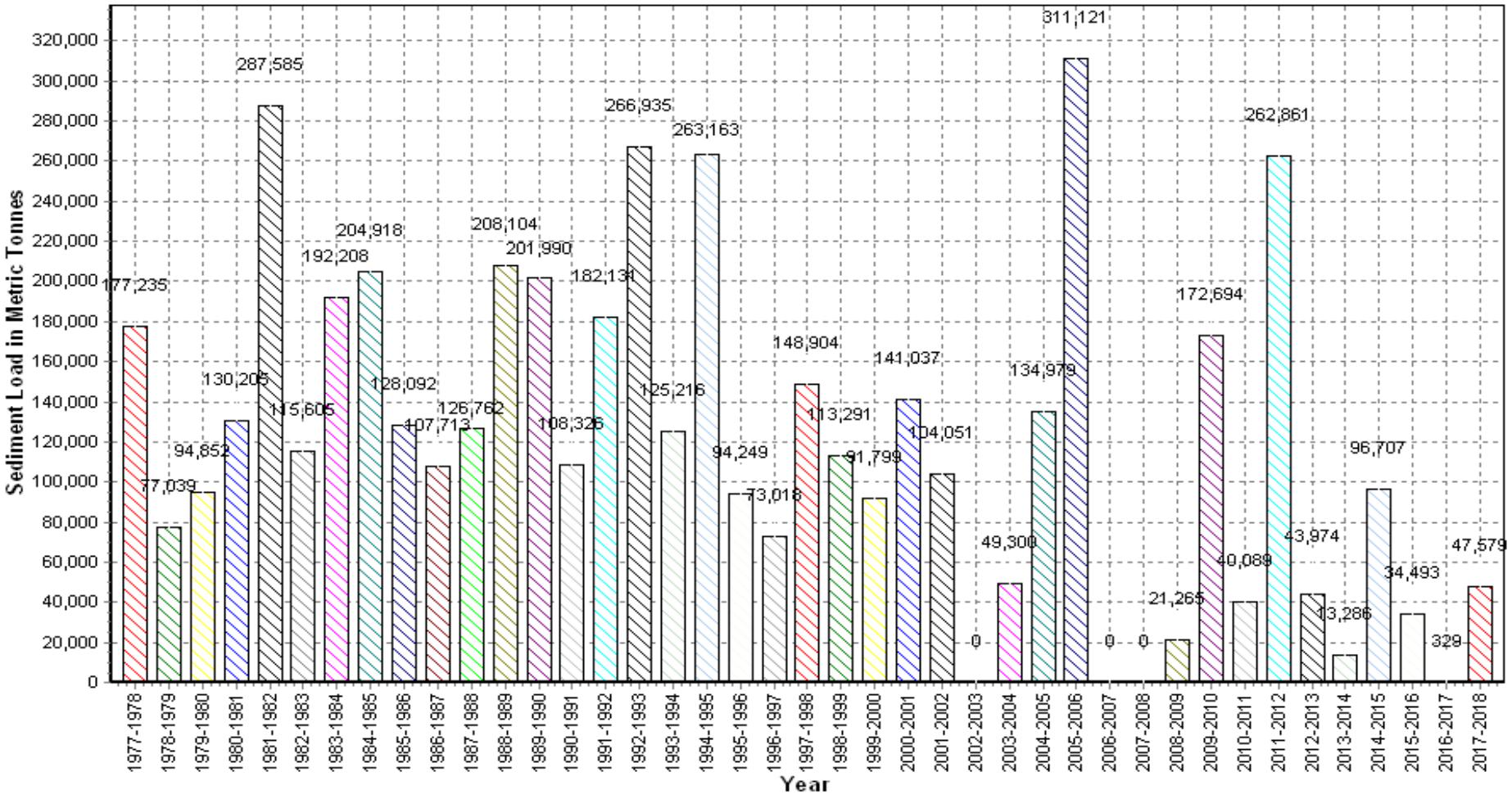
Annual Sediment Load for the period: 1977-2018

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

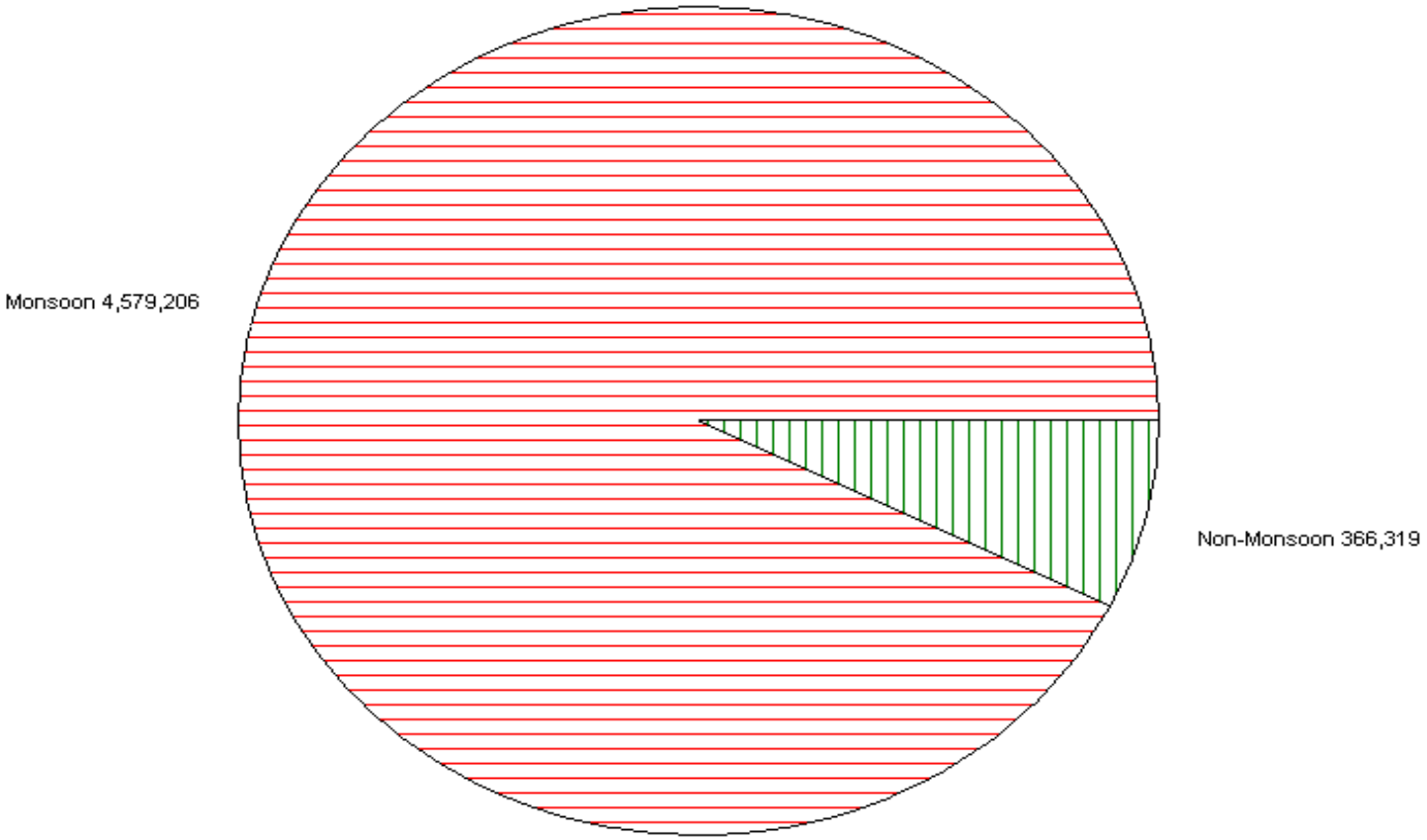
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1977-2017

Station Name : T.Narasipur (CCP00B1)
Local River : Kabini

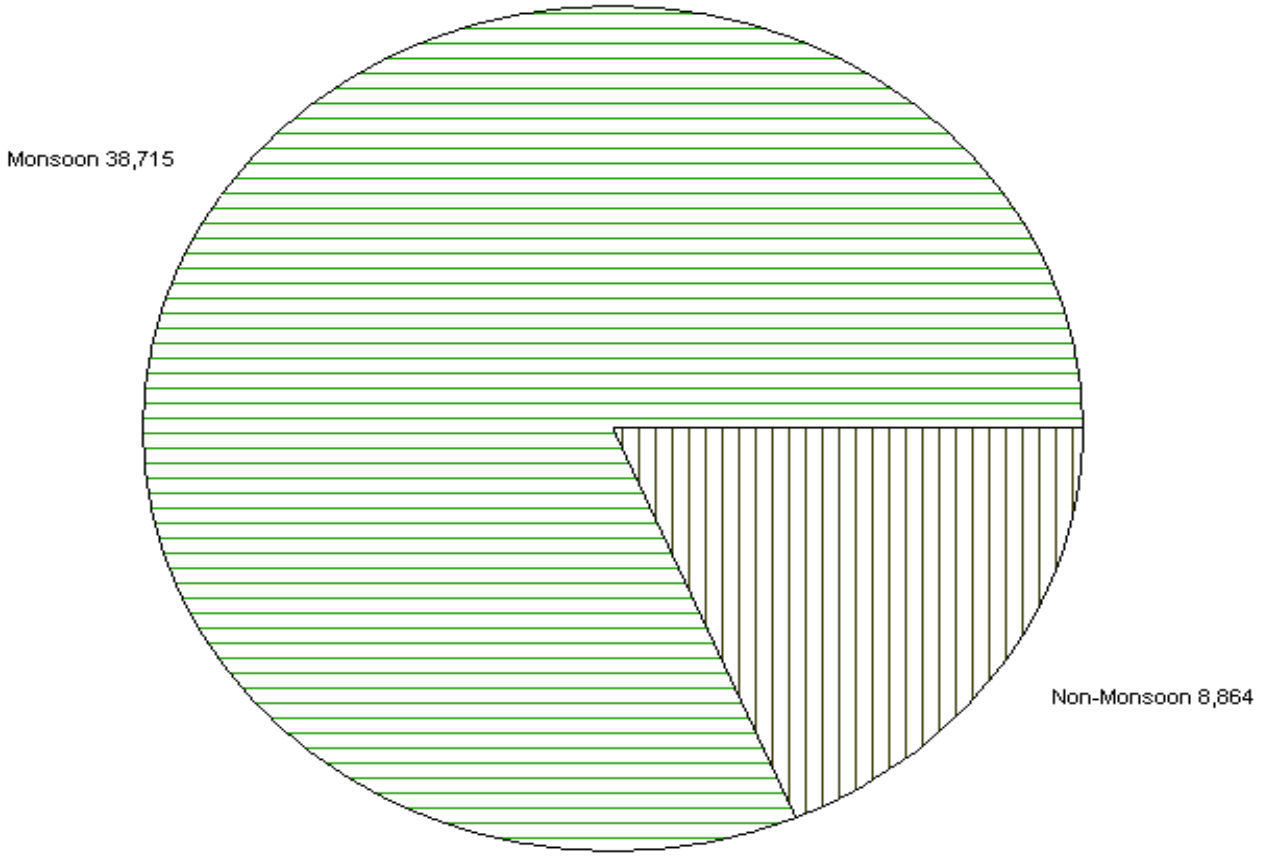
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2017-2018

Station Name : T.Narasipur (CCP00B1)
Local River : Kabini

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Kabini **CODE NO. :** CCP00B1

SITE : T.NARASIPUR **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION 00-00-0000**										
1																	
2																	
3							Sample not collected										
POSTMONSOON 2017							**DATE OF COLLECTION 13-01-2018**										
1	50	-	632.910	634.470	1.56	120.4			3.5	1.07							
2	100	-	633.710	634.470	0.76		- No flow -		2.5	0.71			- No flow -			3.16	1.048
3	150	634.930	-	-	-				3.5	1.08							
PREMONSOON 2018							**DATE OF COLLECTION 17-05-2018**										
1	50	-	632.910	635.070	2.160	120.4	0.223	2.138	4	0.92							
2	100	-	633.590	635.070	1.480	120.4	0.122	0.807	5	1.03	122.44	1.723	0.1604	0.00003	33.72	4.66	1.02
3	150	634.935	-	-	-	-	-	-	5	1.11							

Annual Sediment Load for period : 1974-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1974-1975	93961	2553	96514	2301
1975-1976	260818	6916	267734	3070
1976-1977	115282	11248	126530	1758
1977-1978	108816	4984	113800	2075
1978-1979	136591	12143	148734	2861
1979-1980	269289	6937	276226	3530
1980-1981	358124	3234	361358	4563
1981-1982	243338	2437	245776	3116
1982-1983	108119	311	108431	1922
1983-1984	228836	12816	241652	2341
1984-1985	220809	2977	223786	2851
1985-1986	147604	4551	152155	2251
1986-1987	148014	2038	150052	1987
1987-1988	64308	6297	70605	1270
1988-1989	126930	2085	129016	2011
1989-1990	147148	2220	149369	2002
1990-1991	134379	2313	136692	2299
1991-1992	207595	2749	210344	2605
1992-1993	295351	8188	303539	3352
1993-1994	159723	5598	165321	2196
1994-1995	322343	5914	328258	3473
1995-1996	162219	1863	164082	2206
1996-1997	170189	12821	183010	2587
1997-1998	236377	9866	246243	2536
1998-1999	147064	3992	151056	2564
1999-2000	105359	1980	107339	2215
2000-2001	105983	6950	112932	2387
2001-2002	102408	2745	105153	2159
2002-2003	110350	1824	112174	1633
2003-2004	68841	7925	76766	1468
2004-2005	173337	1578	174915	2531
2005-2006	252505	33590	286095	3194
2006-2007	0	0	0	2963
2007-2008	0	0	0	3664
2008-2009	181063	3147	184210	1834
2009-2010	160793	10265	171058	2354
2010-2011	105474	8052	113526	1838
2011-2012	151262	2183	153445	2512
2012-2013	68854	1051	69905	1354

Annual Sediment Load for period : 1974-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

2013-2014	81853	3808	85661	3141
2014-2015	168673	6590	175263	3034
2015-2016	56248	824	57072	1769
2016-2017	14841	139	14979	1253
2017-2018	37475	1177	38653	1633

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	7.368	0.000	0.000	0.001	0.001	1	119.1	0.000	0.000	0.001	0.001	10	58.54	0.000	0.000	0.005	0.005	25
2	6.881	0.000	0.000	0.001	0.001	1	97.49	0.000	0.001	0.001	0.002	17	58.83	0.000	0.000	0.012	0.012	61
3	6.782	0.000	0.000	0.001	0.001	1	114.3	0.000	0.000	0.002	0.002	20	49.34	0.000	0.000	0.011	0.011	47
4	15.02	0.000	0.001	0.001	0.002	3	104.6	0.000	0.000	0.001	0.001	9	86.43	0.000	0.001	0.017	0.018	134
5	11.89	0.000	0.000	0.001	0.001	1	91.82	0.000	0.000	0.001	0.001	8	142.3	0.001	0.002	0.040	0.043	529
6	14.05	0.000	0.000	0.001	0.001	1	92.74	0.000	0.000	0.001	0.001	8	217.5	0.000	0.000	0.020	0.020	376
7	14.03	0.000	0.000	0.001	0.001	1	93.02	0.000	0.000	0.001	0.001	8	164.1	0.001	0.003	0.042	0.046	652
8	12.84	0.000	0.000	0.001	0.001	1	99.84	0.000	0.000	0.001	0.001	9	113.1	0.000	0.000	0.011	0.011	107
9	12.18	0.000	0.000	0.001	0.001	1	60.38	0.000	0.000	0.002	0.002	10	87.63	0.000	0.000	0.007	0.007	53
10	12.19	0.000	0.000	0.001	0.001	1	52.65	0.000	0.000	0.001	0.001	5	119.8	0.000	0.000	0.011	0.011	114
11	26.21	0.000	0.001	0.001	0.002	5	46.58	0.000	0.000	0.002	0.002	8	83.03	0.000	0.000	0.006	0.006	43
12	99.11	0.000	0.002	0.006	0.009	74	98.47	0.000	0.000	0.001	0.001	9	127.2	0.000	0.001	0.012	0.013	143
13	103.1	0.000	0.003	0.007	0.010	89	58.38	0.000	0.000	0.002	0.002	10	75.59	0.000	0.000	0.005	0.005	33
14	92.68	0.000	0.002	0.006	0.008	66	107.1	0.000	0.000	0.006	0.006	56	66.31	0.000	0.000	0.005	0.005	29
15	59.51	0.000	0.002	0.003	0.005	27	99.22	0.000	0.000	0.002	0.002	17	53.51	0.000	0.000	0.011	0.011	51
16	40.61	0.000	0.000	0.002	0.002	6	143.5	0.000	0.000	0.002	0.002	25	85.20	0.000	0.000	0.009	0.009	66
17	42.99	0.000	0.000	0.002	0.002	7	150.0	0.000	0.000	0.002	0.002	26	67.26	0.000	0.000	0.009	0.009	52
18	22.73	0.000	0.001	0.001	0.002	4	134.6	0.000	0.000	0.002	0.002	23	58.65	0.000	0.000	0.007	0.007	35
19	16.20	0.000	0.000	0.001	0.001	1	303.7	0.000	0.000	0.033	0.033	866	81.32	0.000	0.000	0.009	0.009	63
20	14.74	0.000	0.000	0.001	0.001	1	524.8	0.000	0.000	0.071	0.071	3219	143.5	0.000	0.000	0.043	0.043	533
21	15.37	0.000	0.000	0.001	0.001	1	439.4	0.000	0.002	0.048	0.050	1898	229.7	0.001	0.004	0.061	0.066	1310
22	23.11	0.000	0.000	0.001	0.001	2	289.1	0.000	0.001	0.038	0.039	974	208.2	0.000	0.002	0.018	0.020	360
23	30.02	0.000	0.000	0.001	0.001	2	188.5	0.000	0.000	0.002	0.002	33	200.7	0.000	0.002	0.034	0.036	624
24	46.77	0.000	0.000	0.001	0.001	4	130.6	0.000	0.000	0.022	0.022	248	135.8	0.000	0.001	0.015	0.016	188
25	53.51	0.000	0.001	0.001	0.002	9	105.9	0.000	0.000	0.014	0.014	128	102.8	0.000	0.000	0.011	0.011	98
26	79.70	0.002	0.003	0.005	0.010	69	89.51	0.000	0.000	0.012	0.012	93	93.60	0.000	0.000	0.008	0.008	65
27	350.9	0.001	0.003	0.078	0.083	2501	88.90	0.000	0.000	0.013	0.013	100	171.4	0.000	0.000	0.043	0.043	637
28	270.0	0.000	0.001	0.005	0.006	135	100.2	0.000	0.000	0.011	0.011	95	227.4	0.000	0.001	0.035	0.036	707
29	252.6	0.000	0.001	0.002	0.003	65	104.3	0.000	0.000	0.026	0.026	234	373.4	0.000	0.001	0.082	0.083	2678
30	142.2	0.000	0.000	0.002	0.002	20	70.29	0.000	0.000	0.002	0.002	12	389.4	0.000	0.001	0.064	0.065	2187
31							67.73	0.000	0.000	0.004	0.004	23	258.6	0.000	0.000	0.026	0.026	581
Ten Daily Mean																		
Ten Daily I	11.32	0.000	0.000	0.001	0.001	1	92.59	0.000	0.000	0.001	0.001	10	109.8	0.000	0.001	0.018	0.018	210
Ten Daily II	51.79	0.000	0.001	0.003	0.004	28	166.6	0.000	0.000	0.012	0.012	426	84.16	0.000	0.000	0.012	0.012	105
Ten Daily III	126.4	0.000	0.001	0.010	0.011	281	152.2	0.000	0.000	0.017	0.018	349	217.4	0.000	0.001	0.036	0.037	858
Monthly																		
Total						3100						8201						12582

Annual Sediment Load(Metric Tonnes) : 38653

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	153.6	0.000	0.000	0.037	0.037	491	70.29	0.000	0.000	0.008	0.008	49	28.45	0.000	0.000	0.008	0.008	20
2	118.0	0.000	0.000	0.011	0.011	112	75.59	0.000	0.000	0.008	0.008	52	26.00	0.000	0.000	0.008	0.008	18
3	149.5	0.000	0.000	0.037	0.037	478	80.54	0.000	0.000	0.009	0.009	63	25.11	0.000	0.000	0.007	0.007	15
4	103.9	0.000	0.000	0.018	0.018	162	59.42	0.000	0.000	0.006	0.006	31	24.09	0.000	0.000	0.008	0.008	17
5	184.4	0.000	0.000	0.108	0.108	1721	54.57	0.000	0.000	0.007	0.007	33	23.75	0.000	0.000	0.007	0.007	14
6	150.2	0.000	0.000	0.037	0.037	480	85.87	0.000	0.000	0.071	0.071	527	25.04	0.000	0.000	0.007	0.007	15
7	100.4	0.000	0.000	0.018	0.018	156	59.93	0.000	0.000	0.007	0.007	36	25.50	0.000	0.000	0.007	0.007	15
8	87.40	0.000	0.000	0.025	0.025	189	51.33	0.000	0.000	0.007	0.007	31	26.02	0.000	0.000	0.008	0.008	18
9	118.0	0.000	0.000	0.097	0.097	989	53.40	0.000	0.000	0.006	0.006	28	24.17	0.000	0.000	0.008	0.008	17
10	89.83	0.000	0.000	0.025	0.025	194	51.28	0.000	0.000	0.007	0.007	31	23.84	0.000	0.000	0.007	0.007	14
11	81.01	0.000	0.000	0.010	0.010	70	98.69	0.000	0.000	0.015	0.015	128	23.29	0.000	0.000	0.006	0.006	12
12	65.70	0.000	0.000	0.010	0.010	57	62.05	0.000	0.000	0.008	0.008	43	22.07	0.000	0.000	0.006	0.006	11
13	52.53	0.000	0.000	0.007	0.007	32	57.58	0.000	0.000	0.005	0.005	25	18.91	0.000	0.000	0.006	0.006	10
14	66.24	0.000	0.000	0.004	0.004	23	83.32	0.000	0.000	0.028	0.028	202	18.67	0.000	0.000	0.005	0.005	8
15	93.50	0.000	0.000	0.007	0.007	57	51.33	0.000	0.000	0.007	0.007	31	18.28	0.000	0.000	0.005	0.005	8
16	64.72	0.000	0.000	0.005	0.005	28	53.60	0.000	0.000	0.006	0.006	28	15.90	0.000	0.000	0.005	0.005	7
17	313.4	0.000	0.000	0.021	0.021	569	50.67	0.000	0.000	0.005	0.005	22	15.86	0.000	0.000	0.005	0.005	7
18	505.2	0.001	0.002	0.045	0.048	2095	67.73	0.000	0.000	0.008	0.008	47	15.90	0.000	0.000	0.005	0.005	7
19	451.9	0.001	0.001	0.028	0.030	1171	38.78	0.000	0.000	0.006	0.006	20	18.94	0.000	0.000	0.006	0.006	10
20	378.3	0.000	0.001	0.026	0.027	882	37.72	0.000	0.000	0.006	0.006	20	22.71	0.000	0.000	0.006	0.006	12
21	294.3	0.000	0.001	0.020	0.021	534	38.17	0.000	0.000	0.005	0.005	16	30.17	0.000	0.000	0.007	0.007	18
22	182.6	0.000	0.000	0.020	0.020	316	34.91	0.000	0.000	0.005	0.005	15	24.06	0.000	0.000	0.007	0.007	15
23	128.8	0.000	0.000	0.011	0.011	122	36.97	0.000	0.000	0.003	0.003	10	23.35	0.000	0.000	0.007	0.007	14
24	110.5	0.000	0.000	0.010	0.010	95	35.08	0.000	0.000	0.005	0.005	15	19.32	0.000	0.000	0.005	0.005	8
25	104.0	0.000	0.000	0.010	0.010	90	28.29	0.000	0.000	0.004	0.004	10	15.35	0.000	0.000	0.005	0.005	7
26	94.88	0.000	0.000	0.009	0.009	74	40.31	0.000	0.000	0.006	0.006	21	16.09	0.000	0.000	0.005	0.005	7
27	100.6	0.000	0.000	0.008	0.008	70	53.33	0.000	0.000	0.008	0.008	37	13.18	0.000	0.000	0.005	0.005	6
28	87.65	0.000	0.000	0.007	0.007	53	88.26	0.000	0.000	0.029	0.029	221	13.36	0.000	0.000	0.005	0.005	6
29	85.41	0.000	0.000	0.007	0.007	52	42.17	0.000	0.000	0.006	0.006	22	13.04	0.000	0.000	0.005	0.005	6
30	72.91	0.000	0.000	0.004	0.004	25	33.28	0.000	0.000	0.010	0.010	29	12.83	0.000	0.000	0.005	0.005	6
31							29.55	0.000	0.000	0.008	0.008	20						
Ten Daily Mean																		
Ten Daily I	125.5	0.000	0.000	0.041	0.041	497	64.22	0.000	0.000	0.014	0.014	88	25.20	0.000	0.000	0.008	0.008	16
Ten Daily II	207.3	0.000	0.000	0.016	0.017	498	60.15	0.000	0.000	0.009	0.009	56	19.05	0.000	0.000	0.006	0.006	9
Ten Daily II	126.2	0.000	0.000	0.011	0.011	143	41.85	0.000	0.000	0.008	0.008	38	18.07	0.000	0.000	0.006	0.006	9
Monthly																		
Total						11386						1860						346

Annual Sediment Load(Metric Tonnes) : 38653

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	12.58	0.000	0.000	0.005	0.005	5	2.927	0.000	0.000	0.006	0.006	2	4.263	0.000	0.000	0.006	0.006	2
2	13.78	0.000	0.000	0.006	0.006	7	2.870	0.000	0.000	0.006	0.006	1	4.039	0.000	0.000	0.006	0.006	2
3	16.04	0.000	0.000	0.006	0.006	8	2.913	0.000	0.000	0.006	0.006	2	4.007	0.000	0.000	0.006	0.006	2
4	13.23	0.000	0.000	0.006	0.006	7	2.912	0.000	0.000	0.006	0.006	2	3.671	0.000	0.000	0.007	0.007	2
5	12.67	0.000	0.000	0.005	0.005	5	2.920	0.000	0.000	0.007	0.007	2	3.568	0.000	0.000	0.007	0.007	2
6	12.23	0.000	0.000	0.006	0.006	6	2.889	0.000	0.000	0.007	0.007	2	3.650	0.000	0.000	0.007	0.007	2
7	11.66	0.000	0.000	0.005	0.005	5	2.851	0.000	0.000	0.007	0.007	2	3.615	0.000	0.000	0.007	0.007	2
8	11.54	0.000	0.000	0.005	0.005	5	2.903	0.000	0.000	0.006	0.006	2	3.579	0.000	0.000	0.007	0.007	2
9	11.45	0.000	0.000	0.005	0.005	5	2.889	0.000	0.000	0.006	0.006	1	3.594	0.000	0.000	0.007	0.007	2
10	10.45	0.000	0.000	0.008	0.008	7	2.833	0.000	0.000	0.007	0.007	2	3.883	0.000	0.000	0.007	0.007	2
11	9.472	0.000	0.000	0.008	0.008	7	2.808	0.000	0.000	0.006	0.006	1	3.444	0.000	0.000	0.006	0.006	2
12	9.450	0.000	0.000	0.008	0.008	7	2.832	0.000	0.000	0.006	0.006	1	3.608	0.000	0.000	0.007	0.007	2
13	10.33	0.000	0.000	0.008	0.008	7	2.820	0.000	0.000	0.006	0.006	1	3.671	0.000	0.000	0.007	0.007	2
14	10.27	0.000	0.000	0.008	0.008	7	2.663	0.000	0.000	0.006	0.006	1	3.844	0.000	0.000	0.007	0.007	2
15	11.69	0.000	0.000	0.007	0.007	7	2.769	0.000	0.000	0.006	0.006	1	3.945	0.000	0.000	0.007	0.007	2
16	6.642	0.000	0.000	0.007	0.007	4	5.880	0.000	0.000	0.006	0.006	3	3.646	0.000	0.000	0.007	0.007	2
17	4.895	0.000	0.000	0.005	0.005	2	6.318	0.000	0.000	0.006	0.006	3	3.589	0.000	0.000	0.007	0.007	2
18	5.177	0.000	0.000	0.006	0.006	3	5.930	0.000	0.000	0.006	0.006	3	3.444	0.000	0.000	0.006	0.006	2
19	2.472	0.000	0.000	0.006	0.006	1	5.817	0.000	0.000	0.007	0.007	4	3.396	0.000	0.000	0.006	0.006	2
20	3.330	0.000	0.000	0.006	0.006	2	5.709	0.000	0.000	0.007	0.007	3	3.180	0.000	0.000	0.006	0.006	2
21	3.491	0.000	0.000	0.007	0.007	2	5.073	0.000	0.000	0.006	0.006	3	2.300	0.000	0.000	0.005	0.005	1
22	5.537	0.000	0.000	0.005	0.005	2	5.453	0.000	0.000	0.007	0.007	3	2.303	0.000	0.000	0.006	0.006	1
23	4.461	0.000	0.000	0.005	0.005	2	5.092	0.000	0.000	0.006	0.006	3	2.219	0.000	0.000	0.006	0.006	1
24	4.023	0.000	0.000	0.005	0.005	2	5.018	0.000	0.000	0.007	0.007	3	2.209	0.000	0.000	0.006	0.006	1
25	3.679	0.000	0.000	0.007	0.007	2	5.382	0.000	0.000	0.006	0.006	3	1.629	0.000	0.000	0.005	0.005	1
26	3.167	0.000	0.000	0.006	0.006	2	4.934	0.000	0.000	0.007	0.007	3	2.093	0.000	0.000	0.005	0.005	1
27	2.882	0.000	0.000	0.008	0.008	2	5.024	0.000	0.000	0.006	0.006	3	0.813	0.000	0.000	0.005	0.005	0
28	2.889	0.000	0.000	0.007	0.007	2	4.664	0.000	0.000	0.007	0.007	3	0.788	0.000	0.000	0.004	0.004	0
29	2.880	0.000	0.000	0.005	0.005	1	4.889	0.000	0.000	0.007	0.007	3						
30	2.875	0.000	0.000	0.005	0.005	1	4.255	0.000	0.000	0.006	0.006	2						
31	3.047	0.000	0.000	0.006	0.006	2	4.230	0.000	0.000	0.006	0.006	2						
Ten Daily Mean																		
Ten Daily I	12.56	0.000	0.000	0.006	0.006	6	2.891	0.000	0.000	0.006	0.006	2	3.787	0.000	0.000	0.007	0.007	2
Ten Daily II	7.372	0.000	0.000	0.007	0.007	5	4.355	0.000	0.000	0.006	0.006	2	3.577	0.000	0.000	0.007	0.007	2
Ten Daily II	3.539	0.000	0.000	0.006	0.006	2	4.910	0.000	0.000	0.006	0.006	3	1.794	0.000	0.000	0.005	0.005	1
Monthly																		
Total						128						70						49

Annual Sediment Load(Metric Tonnes) : 38653

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.772	0.000	0.000	0.005	0.005	0	2.437	0.000	0.000	0.005	0.005	1	4.124	0.000	0.000	0.005	0.005	2
2	0.764	0.000	0.000	0.005	0.005	0	2.431	0.000	0.000	0.005	0.005	1	7.316	0.000	0.000	0.005	0.005	3
3	0.751	0.000	0.000	0.005	0.005	0	3.107	0.000	0.000	0.005	0.005	1	8.815	0.000	0.000	0.005	0.005	4
4	0.714	0.000	0.000	0.005	0.005	0	5.477	0.000	0.000	0.005	0.005	2	16.12	0.000	0.000	0.004	0.004	6
5	0.356	0.000	0.000	0.004	0.004	0	3.965	0.000	0.000	0.005	0.005	2	9.955	0.000	0.000	0.004	0.004	3
6	0.340	0.000	0.000	0.004	0.004	0	3.938	0.000	0.000	0.004	0.004	1	7.790	0.000	0.000	0.005	0.005	3
7	0.335	0.000	0.000	0.004	0.004	0	4.065	0.000	0.000	0.005	0.005	2	6.115	0.000	0.000	0.003	0.003	2
8	0.335	0.000	0.000	0.004	0.004	0	4.934	0.000	0.000	0.005	0.005	2	5.588	0.000	0.000	0.004	0.004	2
9	0.321	0.000	0.000	0.004	0.004	0	4.099	0.000	0.000	0.005	0.005	2	6.577	0.000	0.000	0.003	0.003	2
10	0.323	0.000	0.000	0.004	0.004	0	2.450	0.000	0.000	0.005	0.005	1	11.47	0.000	0.000	0.004	0.004	4
11	0.353	0.000	0.000	0.004	0.004	0	2.329	0.000	0.000	0.004	0.004	1	15.96	0.000	0.000	0.004	0.004	6
12	0.242	0.000	0.000	0.004	0.004	0	2.252	0.000	0.000	0.004	0.004	1	24.40	0.000	0.000	0.004	0.004	8
13	0.237	0.000	0.000	0.003	0.003	0	2.120	0.000	0.000	0.004	0.004	1	26.26	0.000	0.000	0.004	0.004	9
14	0.239	0.000	0.000	0.003	0.003	0	3.444	0.000	0.000	0.005	0.005	1	28.74	0.000	0.000	0.004	0.004	10
15	2.547	0.000	0.000	0.005	0.005	1	3.226	0.000	0.000	0.005	0.005	1	15.37	0.000	0.000	0.004	0.004	5
16	25.13	0.000	0.000	0.006	0.006	13	3.992	0.000	0.000	0.005	0.005	2	18.67	0.000	0.000	0.004	0.004	6
17	7.000	0.000	0.000	0.006	0.006	4	4.930	0.000	0.000	0.005	0.005	2	18.38	0.000	0.000	0.004	0.004	6
18	5.503	0.000	0.000	0.004	0.004	2	6.176	0.000	0.000	0.004	0.004	2	28.62	0.000	0.000	0.004	0.004	10
19	7.022	0.000	0.000	0.006	0.006	4	5.131	0.000	0.000	0.005	0.005	2	18.46	0.000	0.000	0.004	0.004	6
20	6.254	0.000	0.000	0.006	0.006	3	4.733	0.000	0.000	0.005	0.005	2	19.47	0.000	0.000	0.004	0.004	7
21	6.169	0.000	0.000	0.006	0.006	3	5.972	0.000	0.000	0.004	0.004	2	15.59	0.000	0.000	0.004	0.004	5
22	4.862	0.000	0.000	0.003	0.003	1	7.790	0.000	0.000	0.006	0.006	4	12.00	0.000	0.000	0.003	0.003	3
23	6.357	0.000	0.000	0.004	0.004	2	6.027	0.000	0.000	0.006	0.006	3	7.091	0.000	0.000	0.005	0.005	3
24	5.974	0.000	0.000	0.004	0.004	2	6.089	0.000	0.000	0.004	0.004	2	11.98	0.000	0.000	0.004	0.004	4
25	5.214	0.000	0.000	0.003	0.003	1	6.373	0.000	0.000	0.006	0.006	3	27.19	0.000	0.000	0.004	0.004	9
26	4.159	0.000	0.000	0.006	0.006	2	5.968	0.000	0.000	0.004	0.004	2	89.18	0.000	0.000	0.005	0.005	39
27	3.126	0.000	0.000	0.004	0.004	1	4.796	0.000	0.000	0.004	0.004	2	41.65	0.000	0.000	0.007	0.007	25
28	2.432	0.000	0.000	0.005	0.005	1	4.591	0.000	0.000	0.004	0.004	2	87.91	0.000	0.000	0.004	0.004	30
29	2.260	0.000	0.000	0.005	0.005	1	3.444	0.000	0.000	0.005	0.005	1	27.44	0.000	0.000	0.005	0.005	12
30	2.260	0.000	0.000	0.005	0.005	1	2.816	0.000	0.000	0.005	0.005	1	126.4	0.000	0.001	0.051	0.052	562
31	3.314	0.000	0.000	0.004	0.004	1							54.45	0.000	0.000	0.007	0.007	33
Ten Daily Mean																		
Ten Daily I	0.501	0.000	0.000	0.004	0.004	0	3.690	0.000	0.000	0.005	0.005	2	8.388	0.000	0.000	0.004	0.004	3
Ten Daily II	5.452	0.000	0.000	0.005	0.005	3	3.833	0.000	0.000	0.005	0.005	2	21.43	0.000	0.000	0.004	0.004	7
Ten Daily II	4.193	0.000	0.000	0.004	0.004	2	5.387	0.000	0.000	0.005	0.005	2	45.53	0.000	0.000	0.009	0.009	66
Monthly Total						46						54						831

Annual Sediment Load(Metric Tonnes) : 38653

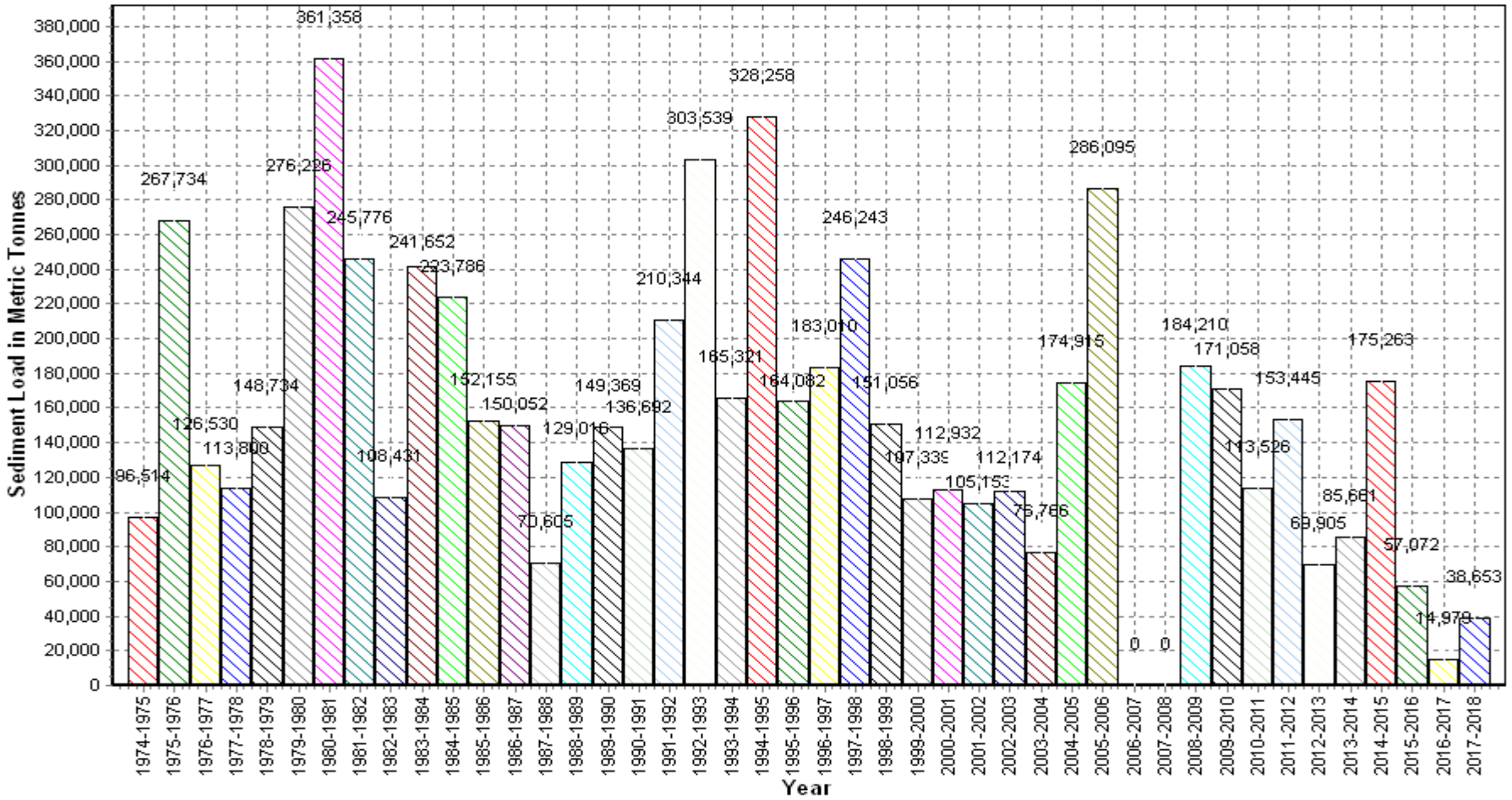
Annual Sediment Load for the period: 1974-2018

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

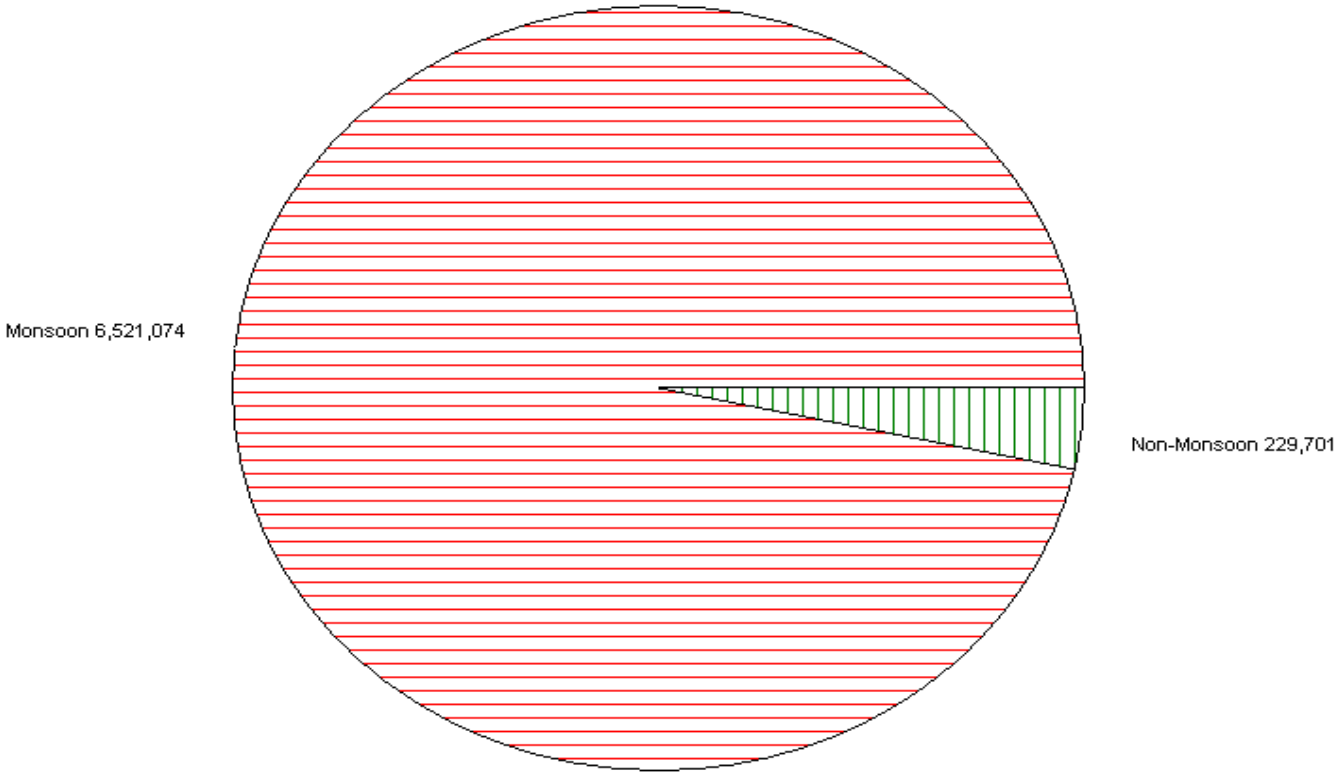
Sub-Division : Chaliyar SD, Calicut



Seasonal Sediment Load for the period : 1974-2017

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

Division : SWR Division, Cochin
Sub-Division : Chaliyar SD, Calicut



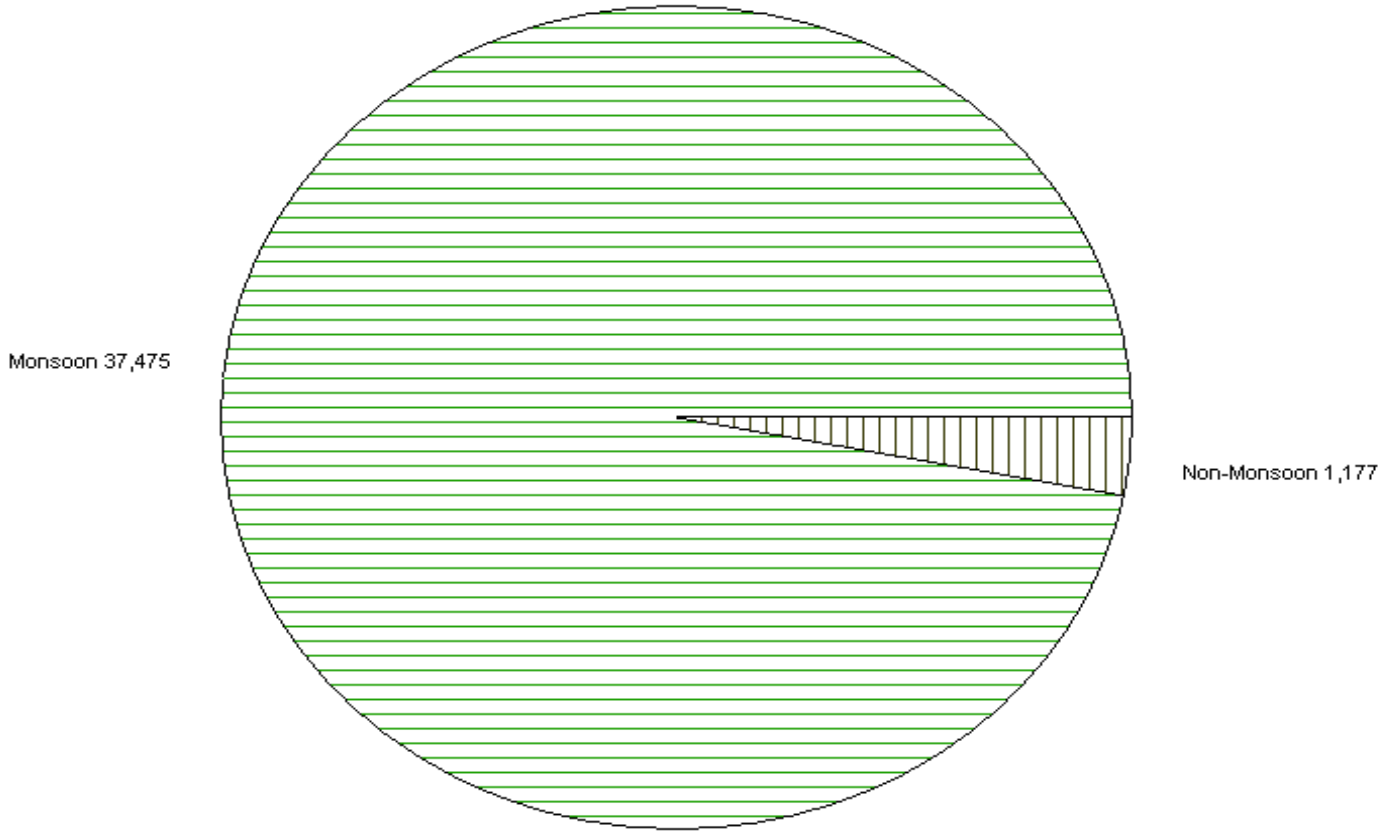
Seasonal Sediment Load for the Year: 2017-2018

Station Name : MUTHANKERA (CCP00T8)

Division : SWR Division, Cochin

Local River : Kabini

Sub-Division : Chaliyar SD, Calicut



BED MATERIAL ANALYSIS DATA

RIVER : *Kabini* **CODE NO. :** *CCPOOT8*

SITE : *Muthenkara* **CROSS SECTION :** *SGL*

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017					**DATE OF COLLECTION**					**27.09.2017**							
1	35	-	706.230	-	2.21	80.50	0.587	6.5157	5.0	0.41							
2	65	-	705.810	-	2.63	80.50	0.534	7.0488	22.0	1.34	81.90	2.4716	0.50563	0.00020	100.6	22.0	0.69
3	90	-	705.640	-	2.80	80.50	0.244	3.4282	5.0	0.33							
POSTMONSOON 2017					**DATE OF COLLECTION**					**29.12.2017**							
1	35	-	706.150	-	1.30	77.0	Nil	Nil	6.0	0.52							
2	65	-	705.730	-	1.72	77.0	Nil	Nil	22.0	1.39	77.88	1.5900	0.02360	0.00008	2.889	22.0	0.79
3	90	-	705.650	-	1.80	77.0	Nil	Nil	6.0	0.47							
PREMONSOON 2018					**DATE OF COLLECTION**					**17-05-2018**							
1	35	-	706.230	-	1.50	78.00	0.136	1.0268	6.0	0.44							
2	65	-	705.840	-	1.89	78.00	0.120	1.1400	23.0	1.43	79.04	1.8478	0.12780	0.00010	18.42	23.0	0.77
3	90	-	705.630	-	2.10	78.00	0.106	1.1130	6.0	0.43							

Annual Sediment Load for period : 2013-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	0	663	663	1324
2014-2015	50064	3050	53114	953
2015-2016	18765	1128	19894	535
2016-2017	0	0	0	349
2017-2018	1232	1028	2260	276

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Akkihebbal (CCR00B7) | **Division : Cauvery Division, Bangalore**

Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	2.149	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.144	0.000	0.000	0.000	0.000	0
2	4.104	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.588	0.000	0.000	0.000	0.000	0
3	0.529	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	1.068	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	5.209	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	1.790	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.396	0.000	0.000	0.000	0.000	0
7	1.815	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.330	0.000	0.000	0.000	0.000	0
8	1.764	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.386	0.000	0.000	0.000	0.000	0
9	1.784	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.336	0.000	0.000	0.000	0.000	0
10	1.648	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	38.47	0.000	0.000	0.004	0.004	12
11	1.283	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.30	0.000	0.000	0.003	0.003	10
12	1.456	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.55	0.000	0.000	0.006	0.006	28
13	1.452	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	27.44	0.000	0.000	0.003	0.003	6
14	0.864	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.03	0.000	0.000	0.003	0.003	10
15	0.610	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	19.21	0.000	0.000	0.002	0.002	3
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.479	0.000	0.000	0.002	0.002	1
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.169	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.674	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.125	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	25.96	0.000	0.000	0.003	0.003	6
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	33.17	0.000	0.000	0.003	0.003	10
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.447	0.000	0.000	0.001	0.001	0
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	44.75	0.000	0.000	0.005	0.005	18
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	52.04	0.000	0.000	0.005	0.005	23
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	51.42	0.000	0.000	0.005	0.005	23
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.87	0.000	0.000	0.006	0.006	28
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	55.62	0.000	0.000	0.006	0.006	27
28	0.000	0.000	0.000	0.000	0.000	0	1.127	0.000	0.000	0.000	0.000	0	49.58	0.000	0.000	0.005	0.005	21
29	0.000	0.000	0.000	0.000	0.000	0	2.115	0.000	0.000	0.000	0.000	0	54.19	0.000	0.000	0.005	0.005	25
30	0.000	0.000	0.000	0.000	0.000	0	1.396	0.000	0.000	0.000	0.000	0	56.68	0.000	0.000	0.006	0.006	27
31							1.288	0.000	0.000	0.000	0.000	0	63.43	0.000	0.000	0.008	0.008	41
Ten Daily Mean																		
Ten Daily I	2.186	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.865	0.000	0.000	0.000	0.000	1
Ten Daily II	0.567	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	21.29	0.000	0.000	0.002	0.002	6
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.539	0.000	0.000	0.000	0.000	0	47.47	0.000	0.000	0.005	0.005	22
Monthly Total						1						0						320

Annual Sediment Load (Metric Tonnes) : 2260

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Akkihebbal (CCR00B7) | **Division : Cauvery Division, Bangalore**

Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	63.52	0.000	0.000	0.007	0.007	37	27.44	0.000	0.000	0.008	0.008	18	5.137	0.000	0.000	0.002	0.002	1
2	32.11	0.000	0.000	0.003	0.003	9	32.11	0.000	0.000	0.008	0.008	21	5.192	0.000	0.000	0.002	0.002	1
3	46.40	0.000	0.000	0.005	0.005	18	49.41	0.000	0.000	0.020	0.020	87	5.082	0.000	0.000	0.002	0.002	1
4	63.82	0.000	0.000	0.006	0.006	35	32.60	0.000	0.000	0.009	0.009	25	5.127	0.000	0.000	0.002	0.002	1
5	55.92	0.000	0.000	0.005	0.005	26	18.62	0.000	0.000	0.005	0.005	7	5.127	0.000	0.000	0.002	0.002	1
6	63.54	0.000	0.000	0.007	0.007	37	39.67	0.000	0.000	0.007	0.007	24	5.070	0.000	0.000	0.001	0.001	0
7	53.98	0.000	0.000	0.005	0.005	25	32.72	0.000	0.000	0.001	0.001	4	5.115	0.000	0.000	0.001	0.001	1
8	63.49	0.000	0.000	0.007	0.007	36	32.92	0.000	0.000	0.005	0.005	15	4.840	0.000	0.000	0.002	0.002	1
9	67.43	0.000	0.000	0.007	0.007	39	32.65	0.000	0.000	0.007	0.007	20	5.663	0.000	0.000	0.001	0.001	1
10	41.64	0.000	0.000	0.004	0.004	15	32.10	0.000	0.000	0.006	0.006	17	5.082	0.000	0.000	0.001	0.001	1
11	37.85	0.000	0.000	0.004	0.004	12	32.69	0.000	0.000	0.002	0.002	6	6.130	0.000	0.000	0.003	0.003	1
12	37.23	0.000	0.000	0.004	0.004	12	18.34	0.000	0.000	0.005	0.005	7	15.66	0.000	0.000	0.005	0.005	6
13	19.49	0.000	0.000	0.002	0.002	3	19.24	0.000	0.000	0.003	0.003	4	7.765	0.000	0.000	0.002	0.002	1
14	7.778	0.000	0.000	0.001	0.001	0	32.47	0.000	0.000	0.002	0.002	6	6.274	0.000	0.000	0.002	0.002	1
15	4.079	0.000	0.000	0.000	0.000	0	38.92	0.000	0.000	0.007	0.007	23	9.580	0.000	0.000	0.002	0.002	2
16	4.111	0.000	0.000	0.000	0.000	0	35.38	0.000	0.000	0.001	0.001	2	10.98	0.000	0.000	0.001	0.001	1
17	14.56	0.000	0.000	0.001	0.001	2	32.33	0.000	0.000	0.005	0.005	13	4.866	0.000	0.000	0.003	0.003	1
18	5.045	0.000	0.000	0.001	0.001	0	28.95	0.000	0.000	0.003	0.003	8	4.805	0.000	0.000	0.003	0.003	1
19	5.203	0.000	0.000	0.001	0.001	0	18.06	0.000	0.000	0.006	0.006	10	8.391	0.000	0.000	0.004	0.004	3
20	5.024	0.000	0.000	0.001	0.001	0	7.613	0.000	0.000	0.003	0.003	2	4.488	0.000	0.000	0.002	0.002	1
21	7.695	0.000	0.000	0.001	0.001	0	16.07	0.000	0.000	0.003	0.003	4	4.431	0.000	0.000	0.003	0.003	1
22	7.739	0.000	0.000	0.001	0.001	0	21.79	0.000	0.000	0.003	0.003	6	8.116	0.000	0.000	0.003	0.003	2
23	25.19	0.000	0.000	0.003	0.003	5	7.479	0.000	0.000	0.003	0.003	2	4.504	0.000	0.000	0.002	0.002	1
24	4.815	0.000	0.000	0.000	0.000	0	7.499	0.000	0.000	0.002	0.002	1	9.662	0.000	0.000	0.003	0.003	2
25	7.957	0.000	0.000	0.001	0.001	0	6.292	0.000	0.000	0.001	0.001	0	4.425	0.000	0.000	0.003	0.003	1
26	7.881	0.000	0.000	0.001	0.001	0	5.555	0.000	0.000	0.001	0.001	0	3.937	0.000	0.000	0.003	0.003	1
27	45.74	0.000	0.000	0.005	0.005	18	5.602	0.000	0.000	0.002	0.002	1	3.660	0.000	0.000	0.003	0.003	1
28	101.6	0.000	0.000	0.012	0.012	106	5.405	0.000	0.000	0.001	0.001	0	3.793	0.000	0.000	0.003	0.003	1
29	93.94	0.000	0.000	0.010	0.010	80	4.815	0.000	0.000	0.002	0.002	1	3.779	0.000	0.000	0.003	0.003	1
30	46.37	0.000	0.000	0.005	0.005	18	5.108	0.000	0.000	0.002	0.002	1	3.729	0.000	0.000	0.002	0.002	1
31							5.203	0.000	0.000	0.002	0.002	1						
Ten Daily Mean																		
Ten Daily I	55.19	0.000	0.000	0.006	0.006	28	33.02	0.000	0.000	0.008	0.008	24	5.144	0.000	0.000	0.001	0.001	1
Ten Daily II	14.04	0.000	0.000	0.001	0.001	3	26.40	0.000	0.000	0.004	0.004	8	7.893	0.000	0.000	0.003	0.003	2
Ten Daily III	34.89	0.000	0.000	0.004	0.004	23	8.256	0.000	0.000	0.002	0.002	2	5.004	0.000	0.000	0.003	0.003	1
Monthly																		
Total						538						337						37

Annual Sediment Load (Metric Tonnes) : 2260

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Akkihebbal (CCR00B7) | **Division : Cauvery Division, Bangalore**

Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	3.703	0.000	0.000	0.002	0.002	1	3.282	0.000	0.000	0.002	0.002	1	0.924	0.000	0.000	0.003	0.003	0
2	3.590	0.000	0.000	0.002	0.002	1	2.079	0.000	0.000	0.002	0.002	0	0.948	0.000	0.000	0.003	0.003	0
3	3.811	0.000	0.000	0.002	0.002	1	2.253	0.000	0.000	0.002	0.002	0	0.942	0.000	0.000	0.016	0.016	1
4	3.708	0.000	0.000	0.002	0.002	1	2.112	0.000	0.000	0.002	0.002	0	1.138	0.000	0.000	0.014	0.014	1
5	3.830	0.000	0.000	0.002	0.002	1	1.810	0.000	0.000	0.002	0.002	0	1.339	0.000	0.000	0.023	0.023	3
6	3.783	0.000	0.000	0.002	0.002	1	2.188	0.000	0.000	0.002	0.002	0	1.962	0.000	0.000	0.028	0.028	5
7	3.428	0.000	0.000	0.002	0.002	0	2.253	0.000	0.000	0.001	0.001	0	1.946	0.000	0.000	0.036	0.036	6
8	3.432	0.000	0.000	0.003	0.003	1	1.553	0.000	0.000	0.003	0.003	0	1.936	0.000	0.000	0.024	0.024	4
9	3.401	0.000	0.000	0.002	0.002	1	1.620	0.000	0.000	0.003	0.003	0	3.310	0.000	0.000	0.012	0.012	3
10	2.253	0.000	0.000	0.002	0.002	0	1.573	0.000	0.000	0.002	0.002	0	2.966	0.000	0.000	0.005	0.005	1
11	2.174	0.000	0.000	0.002	0.002	0	1.581	0.000	0.000	0.002	0.002	0	3.590	0.000	0.000	0.009	0.009	3
12	2.094	0.000	0.000	0.002	0.002	0	1.752	0.000	0.000	0.002	0.002	0	2.091	0.000	0.000	0.020	0.020	4
13	2.992	0.000	0.000	0.003	0.003	1	1.595	0.000	0.000	0.002	0.002	0	2.136	0.000	0.000	0.065	0.065	12
14	3.333	0.000	0.000	0.002	0.002	1	1.642	0.000	0.000	0.002	0.002	0	2.105	0.000	0.000	0.038	0.038	7
15	3.337	0.000	0.000	0.002	0.002	1	1.138	0.000	0.000	0.003	0.003	0	1.564	0.000	0.000	0.052	0.052	7
16	3.256	0.000	0.000	0.002	0.002	1	1.322	0.000	0.000	0.002	0.002	0	1.390	0.000	0.000	0.026	0.026	3
17	3.172	0.000	0.000	0.002	0.002	0	1.297	0.000	0.000	0.003	0.003	0	2.863	0.000	0.000	0.017	0.017	4
18	3.038	0.000	0.000	0.001	0.001	0	1.312	0.000	0.000	0.002	0.002	0	1.506	0.000	0.000	0.038	0.038	5
19	2.162	0.000	0.000	0.002	0.002	0	1.320	0.000	0.000	0.003	0.003	0	1.609	0.000	0.000	0.048	0.048	7
20	3.065	0.000	0.000	0.002	0.002	1	1.302	0.000	0.000	0.002	0.002	0	1.406	0.000	0.000	0.045	0.045	5
21	2.236	0.000	0.000	0.003	0.003	1	1.254	0.000	0.000	0.002	0.002	0	1.506	0.000	0.000	0.048	0.048	6
22	2.143	0.000	0.000	0.002	0.002	0	0.942	0.000	0.000	0.002	0.002	0	2.100	0.000	0.000	0.050	0.050	9
23	2.106	0.000	0.000	0.003	0.003	0	0.961	0.000	0.000	0.004	0.004	0	2.115	0.000	0.000	0.049	0.049	9
24	2.423	0.000	0.000	0.004	0.004	1	0.974	0.000	0.000	0.004	0.004	0	2.081	0.000	0.000	0.035	0.035	6
25	2.600	0.000	0.000	0.005	0.005	1	0.991	0.000	0.000	0.002	0.002	0	1.377	0.000	0.000	0.039	0.039	5
26	2.155	0.000	0.000	0.003	0.003	1	1.377	0.000	0.000	0.003	0.003	0	2.088	0.000	0.000	0.031	0.031	6
27	2.146	0.000	0.000	0.002	0.002	0	1.596	0.000	0.000	0.002	0.002	0	0.968	0.000	0.000	0.039	0.039	3
28	2.108	0.000	0.000	0.003	0.003	1	3.377	0.000	0.000	0.001	0.001	0	1.028	0.000	0.000	0.055	0.055	5
29	2.198	0.000	0.000	0.003	0.003	1	0.634	0.000	0.000	0.003	0.003	0						
30	4.896	0.000	0.000	0.002	0.002	1	0.994	0.000	0.000	0.002	0.002	0						
31	2.975	0.000	0.000	0.002	0.002	1	0.981	0.000	0.000	0.002	0.002	0						
Ten Daily Mean																		
Ten Daily I	3.494	0.000	0.000	0.002	0.002	1	2.072	0.000	0.000	0.002	0.002	0	1.741	0.000	0.000	0.016	0.016	3
Ten Daily II	2.862	0.000	0.000	0.002	0.002	0	1.426	0.000	0.000	0.002	0.002	0	2.026	0.000	0.000	0.036	0.036	6
Ten Daily III	2.544	0.000	0.000	0.003	0.003	1	1.280	0.000	0.000	0.003	0.003	0	1.658	0.000	0.000	0.043	0.043	6
Monthly																		
Total						18						9						131

Annual Sediment Load (Metric Tonnes) : 2260

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.986	0.000	0.000	0.044	0.044	4	1.146	0.000	0.000	0.034	0.034	3	0.872	0.000	0.000	0.048	0.048	4
2	0.973	0.000	0.000	0.039	0.039	3	1.215	0.000	0.000	0.039	0.039	4	0.000	0.000	0.000	0.000	0.000	0
3	0.980	0.000	0.000	0.046	0.046	4	0.957	0.000	0.000	0.039	0.039	3	0.000	0.000	0.000	0.000	0.000	0
4	0.826	0.000	0.000	0.043	0.043	3	0.934	0.000	0.000	0.035	0.035	3	0.000	0.000	0.000	0.000	0.000	0
5	2.163	0.000	0.000	0.038	0.038	7	0.945	0.000	0.000	0.044	0.044	4	0.000	0.000	0.000	0.000	0.000	0
6	0.982	0.000	0.000	0.043	0.043	4	0.942	0.000	0.000	0.034	0.034	3	0.000	0.000	0.000	0.000	0.000	0
7	0.995	0.000	0.000	0.038	0.038	3	0.966	0.000	0.000	0.053	0.053	4	0.000	0.000	0.000	0.000	0.000	0
8	0.981	0.000	0.000	0.047	0.047	4	0.773	0.000	0.000	0.046	0.046	3	0.000	0.000	0.000	0.000	0.000	0
9	0.951	0.000	0.000	0.032	0.032	3	0.483	0.000	0.000	0.036	0.036	1	0.000	0.000	0.000	0.000	0.000	0
10	0.971	0.000	0.000	0.039	0.039	3	0.686	0.000	0.000	0.051	0.051	3	0.000	0.000	0.000	0.000	0.000	0
11	47.13	0.000	0.000	0.038	0.038	154	0.494	0.000	0.000	0.033	0.033	1	1.343	0.000	0.000	0.044	0.044	5
12	47.13	0.000	0.000	0.041	0.041	167	0.333	0.000	0.000	0.029	0.029	1	1.290	0.000	0.000	0.044	0.044	5
13	50.90	0.000	0.000	0.035	0.035	155	0.333	0.000	0.000	0.036	0.036	1	1.607	0.000	0.000	0.043	0.043	6
14	0.935	0.000	0.000	0.021	0.021	2	0.000	0.000	0.000	0.000	0.000	0	0.876	0.000	0.000	0.043	0.043	3
15	0.933	0.000	0.000	0.037	0.037	3	0.000	0.000	0.000	0.000	0.000	0	0.899	0.000	0.000	0.046	0.046	4
16	1.348	0.000	0.000	0.033	0.033	4	0.000	0.000	0.000	0.000	0.000	0	1.290	0.000	0.000	0.030	0.030	3
17	0.954	0.000	0.000	0.033	0.033	3	0.000	0.000	0.000	0.000	0.000	0	1.290	0.000	0.000	0.034	0.034	4
18	0.924	0.000	0.000	0.031	0.031	3	0.000	0.000	0.000	0.000	0.000	0	1.146	0.000	0.000	0.035	0.035	3
19	1.353	0.000	0.000	0.036	0.036	4	0.855	0.000	0.000	0.051	0.051	4	1.146	0.000	0.000	0.035	0.035	3
20	1.393	0.000	0.000	0.048	0.048	6	1.317	0.000	0.000	0.036	0.036	4	3.310	0.000	0.000	0.036	0.036	10
21	1.946	0.000	0.000	0.036	0.036	6	1.908	0.000	0.000	0.031	0.031	5	3.431	0.000	0.000	0.036	0.036	11
22	3.156	0.000	0.000	0.031	0.031	8	3.310	0.000	0.000	0.081	0.081	23	3.374	0.000	0.000	0.036	0.036	11
23	3.123	0.000	0.000	0.032	0.032	9	2.173	0.000	0.000	0.040	0.040	8	3.372	0.000	0.000	0.040	0.040	12
24	2.070	0.000	0.000	0.034	0.034	6	1.334	0.000	0.000	0.033	0.033	4	3.388	0.000	0.000	0.034	0.034	10
25	1.607	0.000	0.000	0.034	0.034	5	1.993	0.000	0.000	0.027	0.027	5	3.454	0.000	0.000	0.029	0.029	9
26	1.378	0.000	0.000	0.042	0.042	5	1.359	0.000	0.000	0.044	0.044	5	3.528	0.000	0.000	0.028	0.028	9
27	1.214	0.000	0.000	0.022	0.022	2	1.304	0.000	0.000	0.044	0.044	5	22.17	0.000	0.000	0.008	0.008	15
28	1.193	0.000	0.000	0.037	0.037	4	0.881	0.000	0.000	0.042	0.042	3	3.548	0.000	0.000	0.038	0.038	12
29	0.888	0.000	0.000	0.032	0.032	2	0.571	0.000	0.000	0.046	0.046	2	3.105	0.000	0.000	0.036	0.036	10
30	0.888	0.000	0.000	0.032	0.032	2	1.290	0.000	0.000	0.044	0.044	5	3.163	0.000	0.000	0.036	0.036	10
31	2.096	0.000	0.000	0.034	0.034	6							3.271	0.000	0.000	0.048	0.048	14
Ten Daily Mean																		
Ten Daily I	1.081	0.000	0.000	0.041	0.041	4	0.905	0.000	0.000	0.041	0.041	3	0.087	0.000	0.000	0.005	0.005	0
Ten Daily II	15.30	0.000	0.000	0.035	0.035	50	0.333	0.000	0.000	0.019	0.019	1	1.420	0.000	0.000	0.039	0.039	5
Ten Daily III	1.778	0.000	0.000	0.033	0.033	5	1.612	0.000	0.000	0.043	0.043	6	5.073	0.000	0.000	0.033	0.033	11
Monthly																		
Total						592						108						170

Annual Sediment Load (Metric Tonnes) : 2260

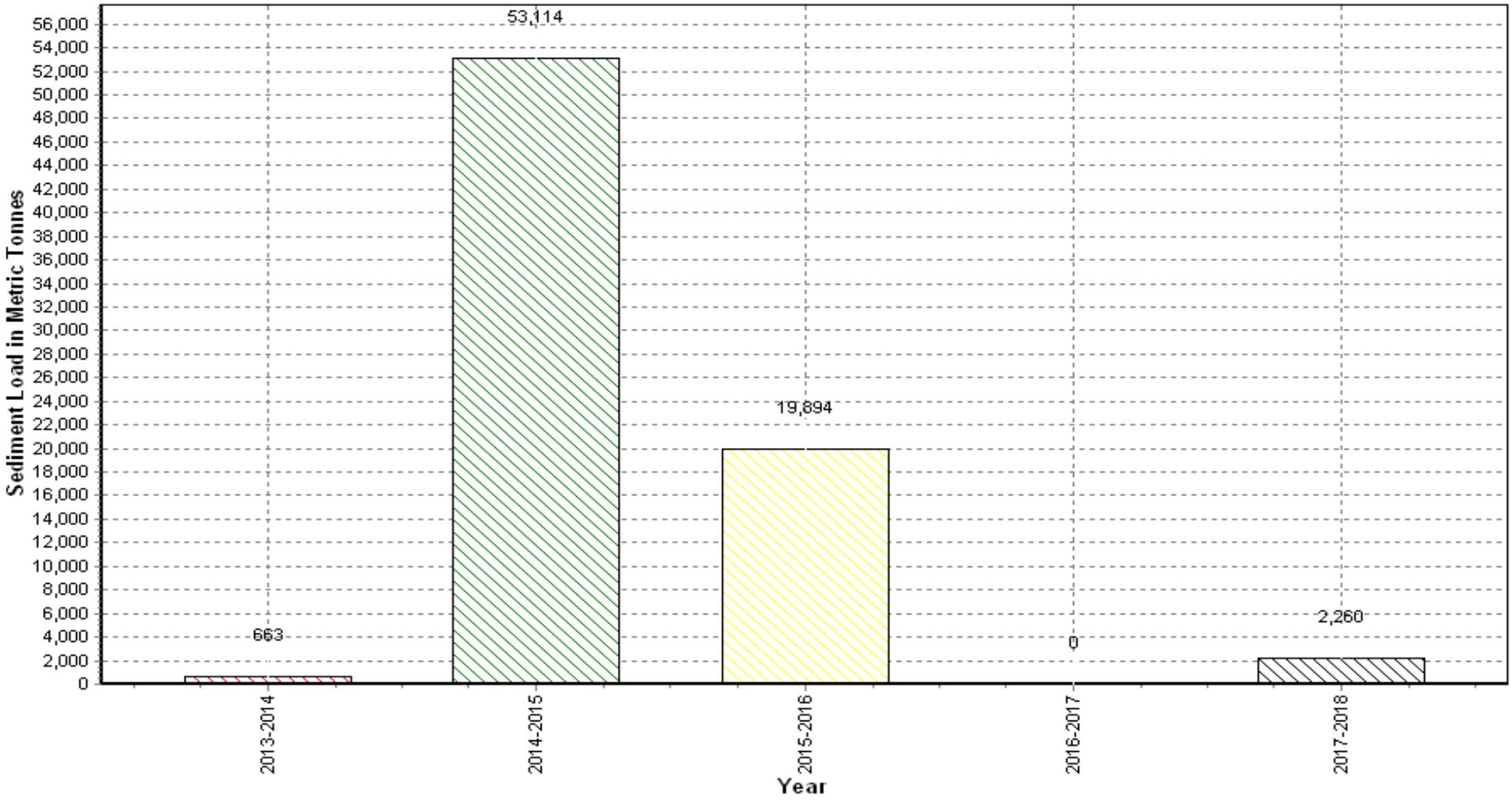
Annual Sediment Load for the period: 2013-2018

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

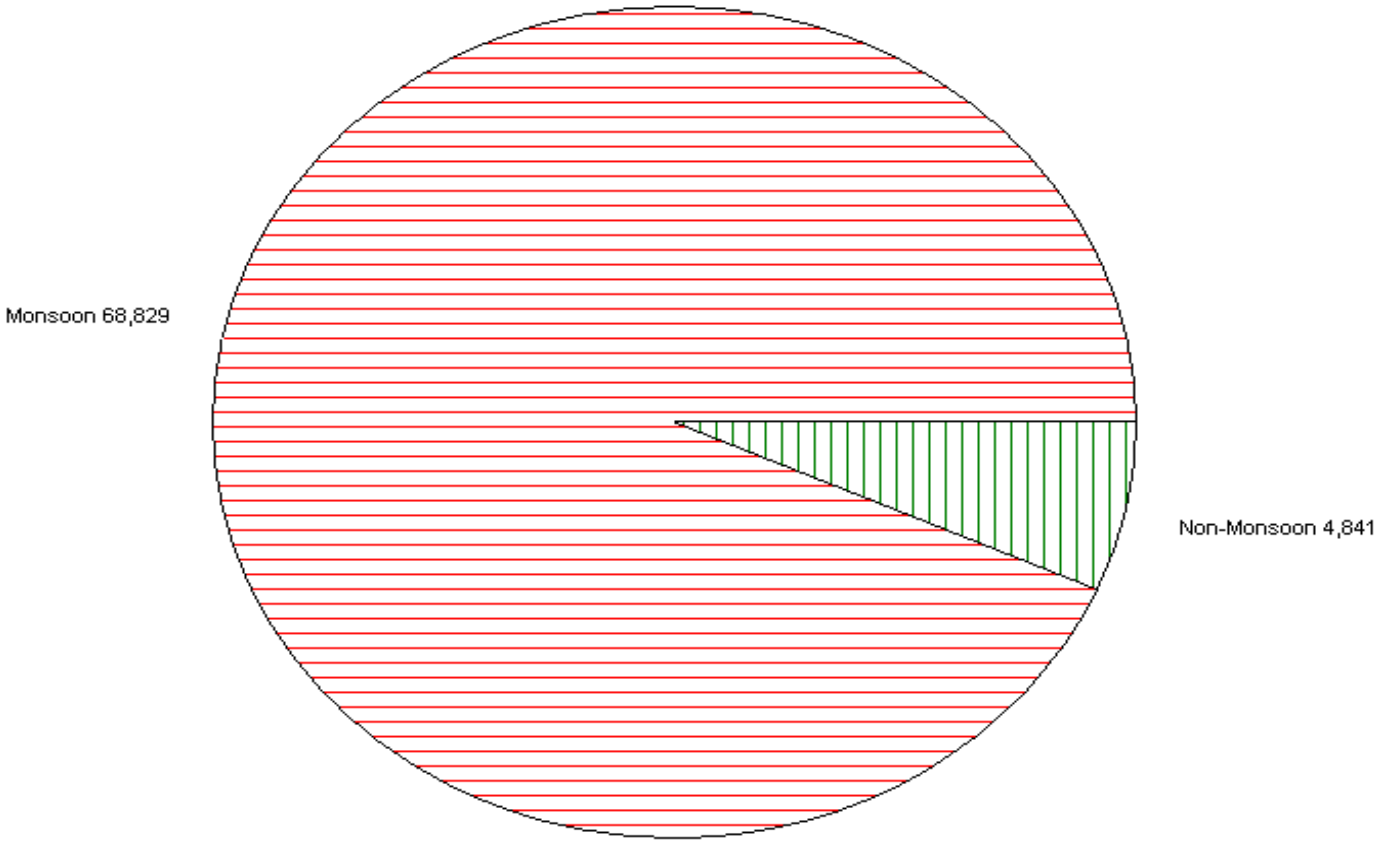
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2017

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

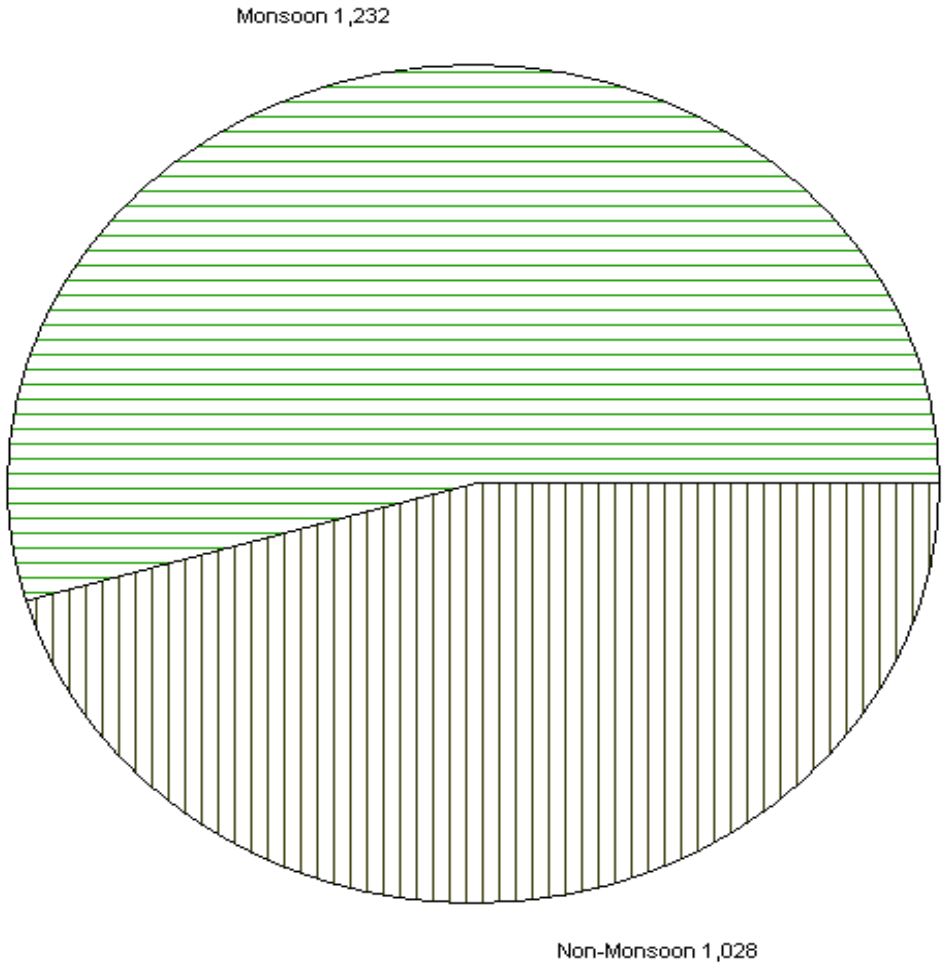
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2017-2018

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Hemavathi **CODE NO. :** CCR00B7

SITE : AKKIHEBBAL **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED								Bed Material Composition		GENERAL DATA OF THE RIVER					Bed Material Composition	
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017								**DATE OF COLLECTION**		**00-00-0000**							
1																	
2							Sample not collected										
3																	
POSTMONSOON 2017								**DATE OF COLLECTION**		13-04-2018							
1	60	-	749.920	750.875	0.955	130		0.6	0.60		-	-	-	-	-		
2	90	-	748.920	750.875	1.944	130	No Flow	6.5	1.57		No Flow					4.53	1.30
3	130	-	748.675	750.875	2.20	130		6.5	1.74		-	-	-	-	-		
											-	-	-	-	-		
PREMONSOON 2018								**DATE OF COLLECTION**		**22/05/2018**							
1	60	-	749.925	751.090	1.165	105.9		8	1.83								
2	90	-	748.915	751.090	2.175	105.9	Discharge observed on	8	1.93		41.119	0.4151	0.1982	0.00005	3.374	5.53	1.48
3	130	-	748.685	751.090	2.405	105.9	Temp section	0.6	0.69								

Annual Sediment Load for period : 1994-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
1994-1995	57439	8331	65770	2480
1995-1996	15637	9739	25377	838
1996-1997	12103	3891	15994	583
1997-1998	16010	2995	19005	691
1998-1999	13653	4649	18302	542
1999-2000	19197	3446	22643	961
2000-2001	19369	774	20143	1120
2001-2002	7722	2077	9798	577
2002-2003	999	722	1721	285
2003-2004	3658	519	4176	251
2004-2005	4828	1971	6798	441
2005-2006	13649	2202	15852	846
2006-2007	0	0	0	685
2007-2008	0	0	0	999
2008-2009	2485	2222	4707	976
2009-2010	10789	3103	13892	1136
2010-2011	5116	3394	8510	795
2011-2012	7575	2094	9669	925
2012-2013	5709	2638	8348	621
2013-2014	16299	516	16815	824
2014-2015	9011	1742	10753	760
2015-2016	5469	994	6463	453
2016-2017	3414	453	3867	454
2017-2018	3451	2146	5597	501

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.68	0.000	0.000	0.014	0.014	70
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	66.47	0.000	0.000	0.012	0.012	69
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	63.34	0.000	0.000	0.013	0.013	71
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	58.35	0.000	0.000	0.012	0.012	60
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	57.64	0.000	0.000	0.012	0.012	59
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	57.12	0.000	0.000	0.012	0.012	59
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.04	0.000	0.000	0.018	0.018	53
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	29.90	0.000	0.000	0.018	0.018	46
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.04	0.000	0.000	0.018	0.018	53
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	28.66	0.000	0.000	0.014	0.014	35
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	31.95	0.000	0.000	0.014	0.014	39
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	31.32	0.000	0.000	0.015	0.015	41
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	31.03	0.000	0.000	0.014	0.014	37
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	32.07	0.000	0.000	0.019	0.019	52
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	26.93	0.000	0.000	0.016	0.016	37
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	60.88	0.000	0.000	0.012	0.012	62
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.63	0.000	0.000	0.014	0.014	68
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	51.29	0.000	0.000	0.013	0.013	58
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.29	0.000	0.000	0.013	0.013	65
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	55.65	0.000	0.000	0.014	0.014	65
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	53.71	0.000	0.000	0.009	0.009	44
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	53.63	0.000	0.000	0.014	0.014	64
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	60.76	0.000	0.000	0.013	0.013	68
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.21	0.000	0.000	0.016	0.016	80
31							0.000	0.000	0.000	0.000	0.000	0	55.74	0.000	0.000	0.015	0.015	72
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.48	0.000	0.000	0.005	0.005	27
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	36.78	0.000	0.000	0.015	0.015	48
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	53.43	0.000	0.000	0.014	0.014	62
Monthly																		
Total						0						0						1425

Annual Sediment Load (Metric Tonnes) : 5597

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	55.30	0.000	0.000	0.023	0.023	110	21.05	0.000	0.000	0.010	0.010	18	26.33	0.000	0.000	0.012	0.012	27
2	52.87	0.000	0.000	0.015	0.015	68	28.33	0.000	0.000	0.010	0.010	23	25.64	0.000	0.000	0.008	0.008	17
3	53.71	0.000	0.000	0.015	0.015	71	17.87	0.000	0.000	0.012	0.012	18	26.27	0.000	0.000	0.012	0.012	27
4	56.69	0.000	0.000	0.016	0.016	78	18.04	0.000	0.000	0.008	0.008	12	27.73	0.000	0.000	0.012	0.012	29
5	56.23	0.000	0.000	0.014	0.014	69	17.08	0.000	0.000	0.010	0.010	15	28.33	0.000	0.000	0.013	0.013	32
6	55.92	0.000	0.000	0.013	0.013	62	15.97	0.000	0.000	0.017	0.017	23	26.78	0.000	0.000	0.010	0.010	23
7	58.16	0.000	0.000	0.014	0.014	71	13.30	0.000	0.000	0.005	0.005	5	26.74	0.000	0.000	0.010	0.010	22
8	59.51	0.000	0.000	0.013	0.013	69	10.94	0.000	0.000	0.008	0.008	7	26.64	0.000	0.000	0.010	0.010	24
9	22.76	0.000	0.000	0.011	0.011	22	13.06	0.000	0.000	0.011	0.011	13	26.54	0.000	0.000	0.010	0.010	24
10	32.07	0.000	0.000	0.012	0.012	33	13.26	0.000	0.000	0.004	0.004	5	26.56	0.000	0.000	0.010	0.010	24
11	25.10	0.000	0.000	0.016	0.016	34	12.95	0.000	0.000	0.011	0.011	12	26.75	0.000	0.000	0.010	0.010	22
12	25.45	0.000	0.000	0.013	0.013	29	13.41	0.000	0.000	0.003	0.003	3	27.73	0.000	0.000	0.011	0.011	26
13	26.24	0.000	0.000	0.015	0.015	34	13.47	0.000	0.000	0.003	0.003	3	26.59	0.000	0.000	0.010	0.010	23
14	23.13	0.000	0.000	0.010	0.010	20	17.10	0.000	0.000	0.010	0.010	14	23.76	0.000	0.000	0.007	0.007	15
15	23.76	0.000	0.000	0.010	0.010	21	17.60	0.000	0.000	0.011	0.011	17	24.09	0.000	0.000	0.008	0.008	17
16	21.74	0.000	0.000	0.012	0.012	22	13.24	0.000	0.000	0.004	0.004	5	23.81	0.000	0.000	0.007	0.007	14
17	17.60	0.000	0.000	0.012	0.012	17	13.24	0.000	0.000	0.004	0.004	5	25.01	0.000	0.000	0.007	0.007	15
18	17.00	0.000	0.000	0.011	0.011	17	12.45	0.000	0.000	0.013	0.013	14	24.99	0.000	0.000	0.008	0.008	17
19	23.34	0.000	0.000	0.007	0.007	15	12.54	0.000	0.000	0.011	0.011	12	23.71	0.000	0.000	0.006	0.006	12
20	26.82	0.000	0.000	0.014	0.014	32	12.99	0.000	0.000	0.011	0.011	12	23.11	0.000	0.000	0.009	0.009	17
21	22.51	0.000	0.000	0.009	0.009	18	13.27	0.000	0.000	0.041	0.041	47	22.71	0.000	0.000	0.002	0.002	3
22	19.95	0.000	0.000	0.009	0.009	16	11.31	0.000	0.000	0.015	0.015	15	19.28	0.000	0.000	0.007	0.007	12
23	19.28	0.000	0.000	0.010	0.010	16	11.98	0.000	0.000	0.010	0.010	11	18.85	0.000	0.000	0.007	0.007	11
24	20.54	0.000	0.000	0.009	0.009	16	9.950	0.000	0.000	0.012	0.012	11	18.35	0.000	0.000	0.006	0.006	10
25	28.52	0.000	0.000	0.007	0.007	18	11.53	0.000	0.000	0.011	0.011	11	17.26	0.000	0.000	0.004	0.004	5
26	25.30	0.000	0.000	0.008	0.008	18	13.31	0.000	0.000	0.004	0.004	4	22.10	0.000	0.000	0.016	0.016	30
27	25.61	0.000	0.000	0.006	0.006	14	17.79	0.000	0.000	0.011	0.011	17	17.14	0.000	0.000	0.004	0.004	5
28	20.09	0.000	0.000	0.012	0.012	22	23.95	0.000	0.000	0.008	0.008	17	18.06	0.000	0.000	0.006	0.006	9
29	18.08	0.000	0.000	0.015	0.015	23	23.71	0.000	0.000	0.009	0.009	18	18.89	0.000	0.000	0.006	0.006	9
30	23.37	0.000	0.000	0.010	0.010	20	25.02	0.000	0.000	0.007	0.007	14	17.86	0.000	0.000	0.004	0.004	5
31							27.55	0.000	0.000	0.009	0.009	22						
Ten Daily Mean																		
Ten Daily I	50.32	0.000	0.000	0.015	0.015	65	16.89	0.000	0.000	0.009	0.009	14	26.76	0.000	0.000	0.011	0.011	25
Ten Daily II	23.02	0.000	0.000	0.012	0.012	24	13.90	0.000	0.000	0.008	0.008	10	24.96	0.000	0.000	0.008	0.008	18
Ten Daily III	22.32	0.000	0.000	0.010	0.010	18	17.22	0.000	0.000	0.012	0.012	17	19.05	0.000	0.000	0.006	0.006	10
Monthly																		
Total						1073						423						529

578

Annual Sediment Load (Metric Tonnes) : 5597

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	18.11	0.000	0.000	0.007	0.007	11	13.92	0.000	0.000	0.006	0.006	7	18.54	0.000	0.000	0.006	0.006	10
2	19.92	0.000	0.000	0.005	0.005	8	13.86	0.000	0.000	0.006	0.006	7	18.57	0.000	0.000	0.006	0.006	10
3	19.39	0.000	0.000	0.005	0.005	8	14.85	0.000	0.000	0.007	0.007	9	18.14	0.000	0.000	0.008	0.008	12
4	18.15	0.000	0.000	0.007	0.007	11	14.17	0.000	0.000	0.007	0.007	8	19.39	0.000	0.000	0.040	0.040	67
5	16.90	0.000	0.000	0.008	0.008	11	15.09	0.000	0.000	0.007	0.007	9	18.18	0.000	0.000	0.008	0.008	12
6	18.12	0.000	0.000	0.007	0.007	11	15.87	0.000	0.000	0.007	0.007	9	18.07	0.000	0.000	0.008	0.008	12
7	18.21	0.000	0.000	0.007	0.007	11	14.94	0.000	0.000	0.007	0.007	9	18.02	0.000	0.000	0.009	0.009	14
8	18.10	0.000	0.000	0.006	0.006	10	15.45	0.000	0.000	0.007	0.007	9	17.99	0.000	0.000	0.009	0.009	14
9	18.17	0.000	0.000	0.008	0.008	12	14.55	0.000	0.000	0.007	0.007	9	18.09	0.000	0.000	0.009	0.009	14
10	19.92	0.000	0.000	0.008	0.008	14	15.92	0.000	0.000	0.007	0.007	9	18.13	0.000	0.000	0.088	0.088	137
11	19.23	0.000	0.000	0.009	0.009	15	14.57	0.000	0.000	0.006	0.006	8	19.92	0.000	0.000	0.022	0.022	38
12	19.05	0.000	0.000	0.006	0.006	10	14.66	0.000	0.000	0.007	0.007	9	17.96	0.000	0.000	0.008	0.008	12
13	23.92	0.000	0.000	0.010	0.010	20	14.63	0.000	0.000	0.007	0.007	9	18.22	0.000	0.000	0.007	0.007	12
14	23.77	0.000	0.000	0.010	0.010	20	15.40	0.000	0.000	0.007	0.007	10	18.29	0.000	0.000	0.008	0.008	12
15	25.97	0.000	0.000	0.011	0.011	24	15.40	0.000	0.000	0.007	0.007	10	18.31	0.000	0.000	0.008	0.008	12
16	26.10	0.000	0.000	0.012	0.012	27	14.33	0.000	0.000	0.007	0.007	9	18.04	0.000	0.000	0.008	0.008	12
17	23.92	0.000	0.000	0.008	0.008	17	14.24	0.000	0.000	0.007	0.007	8	18.02	0.000	0.000	0.008	0.008	12
18	25.32	0.000	0.000	0.011	0.011	23	14.83	0.000	0.000	0.006	0.006	8	16.83	0.000	0.000	0.008	0.008	11
19	24.60	0.000	0.000	0.009	0.009	19	14.80	0.000	0.000	0.007	0.007	9	14.42	0.000	0.000	0.007	0.007	9
20	24.85	0.000	0.000	0.008	0.008	18	14.76	0.000	0.000	0.007	0.007	9	14.20	0.000	0.000	0.010	0.010	12
21	25.84	0.000	0.000	0.010	0.010	23	14.94	0.000	0.000	0.007	0.007	9	14.15	0.000	0.000	0.009	0.009	12
22	25.57	0.000	0.000	0.008	0.008	18	10.40	0.000	0.000	0.007	0.007	7	15.14	0.000	0.000	0.010	0.010	13
23	24.39	0.000	0.000	0.010	0.010	22	13.06	0.000	0.000	0.007	0.007	8	17.93	0.000	0.000	0.007	0.007	11
24	22.74	0.000	0.000	0.012	0.012	23	14.44	0.000	0.000	0.007	0.007	9	20.45	0.000	0.000	0.006	0.006	11
25	22.74	0.000	0.000	0.012	0.012	23	14.79	0.000	0.000	0.007	0.007	9	22.74	0.000	0.000	0.006	0.006	11
26	24.74	0.000	0.000	0.008	0.008	17	16.83	0.000	0.000	0.006	0.006	9	14.25	0.000	0.000	0.008	0.008	10
27	24.49	0.000	0.000	0.009	0.009	19	14.43	0.000	0.000	0.007	0.007	9	15.67	0.000	0.000	0.007	0.007	10
28	24.30	0.000	0.000	0.009	0.009	19	15.87	0.000	0.000	0.007	0.007	9	15.88	0.000	0.000	0.005	0.005	7
29	16.03	0.000	0.000	0.005	0.005	7	15.06	0.000	0.000	0.007	0.007	9						
30	14.45	0.000	0.000	0.006	0.006	7	15.22	0.000	0.000	0.068	0.068	90						
31	15.40	0.000	0.000	0.005	0.005	7	15.02	0.000	0.000	0.068	0.068	88						
Ten Daily Mean																		
Ten Daily I	18.50	0.000	0.000	0.007	0.007	11	14.86	0.000	0.000	0.007	0.007	9	18.31	0.000	0.000	0.019	0.019	30
Ten Daily II	23.67	0.000	0.000	0.009	0.009	19	14.76	0.000	0.000	0.007	0.007	9	17.42	0.000	0.000	0.009	0.009	14
Ten Daily III	21.88	0.000	0.000	0.009	0.009	17	14.55	0.000	0.000	0.018	0.018	23	17.03	0.000	0.000	0.007	0.007	10
Monthly																		
Total						485						429						528

579

Annual Sediment Load (Metric Tonnes) : 5597

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	15.71	0.000	0.000	0.003	0.003	4	0.000	0.000	0.000	0.000	0.000	0	11.96	0.000	0.000	0.006	0.006	6
2	15.11	0.000	0.000	0.010	0.010	13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	15.34	0.000	0.000	0.007	0.007	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	11.16	0.000	0.000	0.040	0.040	39	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	9.880	0.000	0.000	0.002	0.002	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	15.42	0.000	0.000	0.008	0.008	10	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	21.89	0.000	0.000	0.008	0.008	16	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	20.38	0.000	0.000	0.003	0.003	5	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	21.51	0.000	0.000	0.008	0.008	16	10.40	0.000	0.000	0.006	0.006	5
13	0.000	0.000	0.000	0.000	0.000	0	22.44	0.000	0.000	0.010	0.010	19	11.54	0.000	0.000	0.006	0.006	6
14	0.000	0.000	0.000	0.000	0.000	0	22.89	0.000	0.000	0.007	0.007	15	12.81	0.000	0.000	0.006	0.006	7
15	0.000	0.000	0.000	0.000	0.000	0	19.92	0.000	0.000	0.012	0.012	20	14.15	0.000	0.000	0.007	0.007	9
16	0.000	0.000	0.000	0.000	0.000	0	23.41	0.000	0.000	0.008	0.008	17	16.53	0.000	0.000	0.008	0.008	12
17	0.000	0.000	0.000	0.000	0.000	0	25.32	0.000	0.000	0.006	0.006	13	16.30	0.000	0.000	0.008	0.008	11
18	0.000	0.000	0.000	0.000	0.000	0	24.46	0.000	0.000	0.004	0.004	8	16.17	0.000	0.000	0.008	0.008	11
19	0.000	0.000	0.000	0.000	0.000	0	24.21	0.000	0.000	0.036	0.036	76	16.73	0.000	0.000	0.008	0.008	12
20	0.000	0.000	0.000	0.000	0.000	0	26.73	0.000	0.000	0.035	0.035	81	15.87	0.000	0.000	0.008	0.008	11
21	0.000	0.000	0.000	0.000	0.000	0	25.30	0.000	0.000	0.009	0.009	20	16.65	0.000	0.000	0.008	0.008	12
22	0.000	0.000	0.000	0.000	0.000	0	16.35	0.000	0.000	0.010	0.010	15	17.93	0.000	0.000	0.009	0.009	14
23	0.000	0.000	0.000	0.000	0.000	0	14.28	0.000	0.000	0.007	0.007	9	16.26	0.000	0.000	0.008	0.008	11
24	0.000	0.000	0.000	0.000	0.000	0	13.83	0.000	0.000	0.009	0.009	11	15.99	0.000	0.000	0.008	0.008	11
25	0.000	0.000	0.000	0.000	0.000	0	16.32	0.000	0.000	0.007	0.007	10	15.34	0.000	0.000	0.008	0.008	10
26	0.000	0.000	0.000	0.000	0.000	0	17.08	0.000	0.000	0.009	0.009	14	17.90	0.000	0.000	0.009	0.009	14
27	0.000	0.000	0.000	0.000	0.000	0	14.38	0.000	0.000	0.008	0.008	10	14.94	0.000	0.000	0.008	0.008	10
28	0.000	0.000	0.000	0.000	0.000	0	13.84	0.000	0.000	0.008	0.008	10	16.98	0.000	0.000	0.008	0.008	12
29	0.000	0.000	0.000	0.000	0.000	0	11.54	0.000	0.000	0.007	0.007	7	16.59	0.000	0.000	0.008	0.008	12
30	0.000	0.000	0.000	0.000	0.000	0	11.16	0.000	0.000	0.007	0.007	7	21.50	0.000	0.000	0.011	0.011	20
31	0.000	0.000	0.000	0.000	0.000	0							18.22	0.000	0.000	0.009	0.009	14
Ten Daily Mean																		
Ten Daily I	6.720	0.000	0.000	0.006	0.006	7	3.731	0.000	0.000	0.002	0.002	3	1.196	0.000	0.000	0.001	0.001	1
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	23.13	0.000	0.000	0.013	0.013	27	13.05	0.000	0.000	0.007	0.007	9
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	15.41	0.000	0.000	0.008	0.008	11	17.12	0.000	0.000	0.009	0.009	13
Monthly																		
Total						67						406						231

580

Annual Sediment Load (Metric Tonnes) : 5597

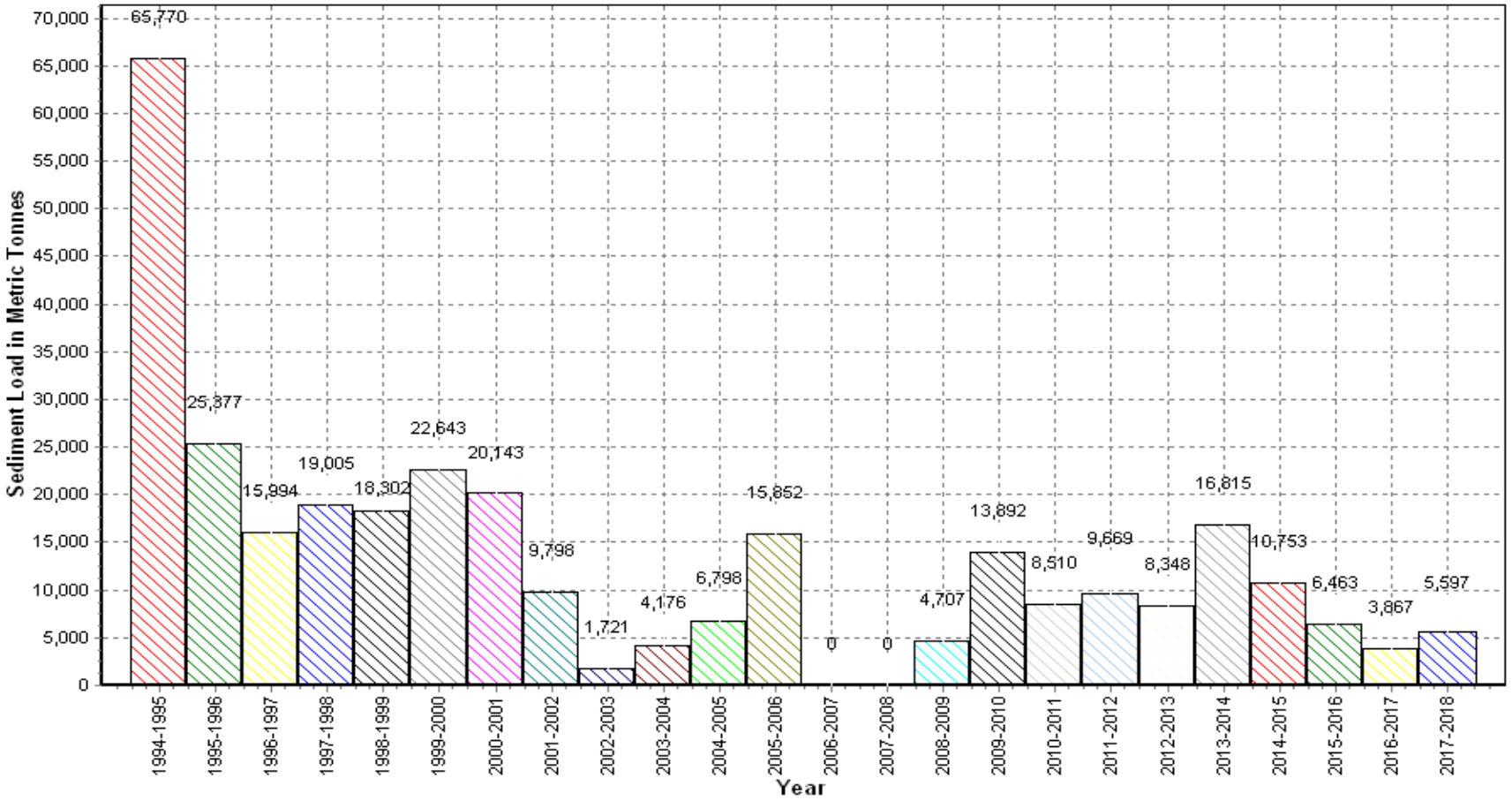
Annual Sediment Load for the period: 1994-2018

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



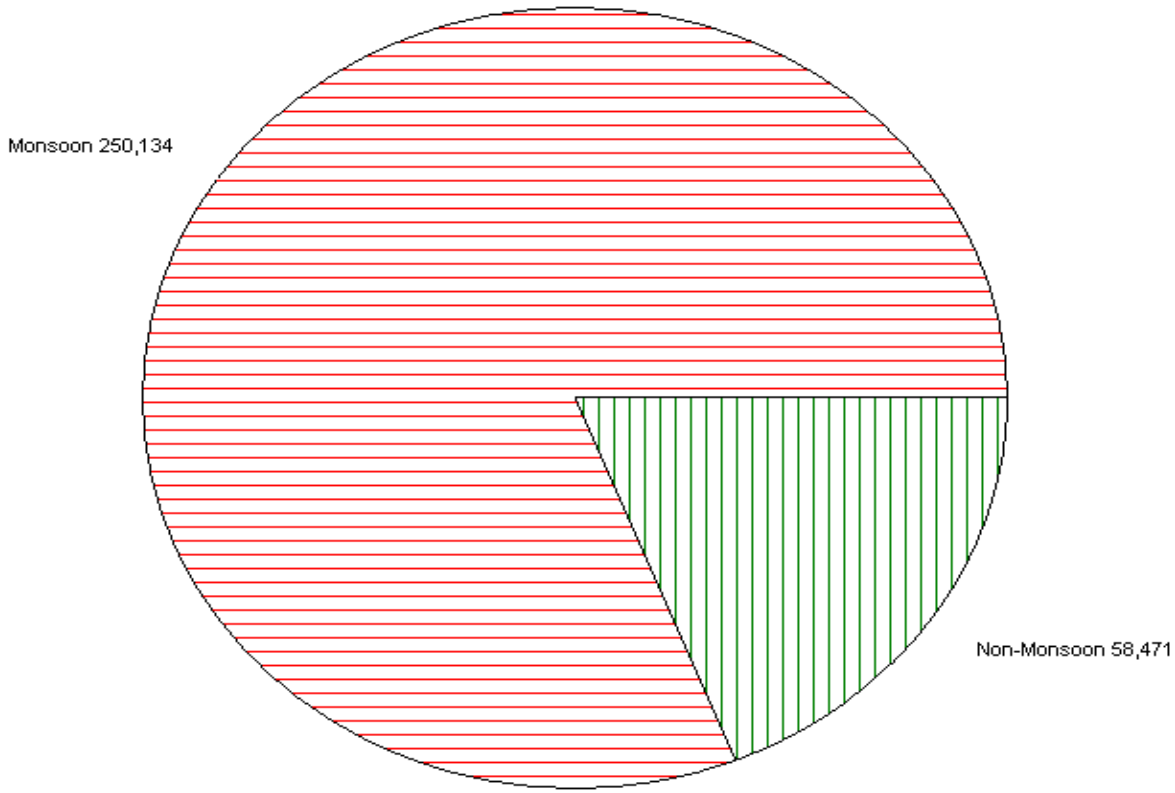
Seasonal Sediment Load for the period : 1994-2017

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



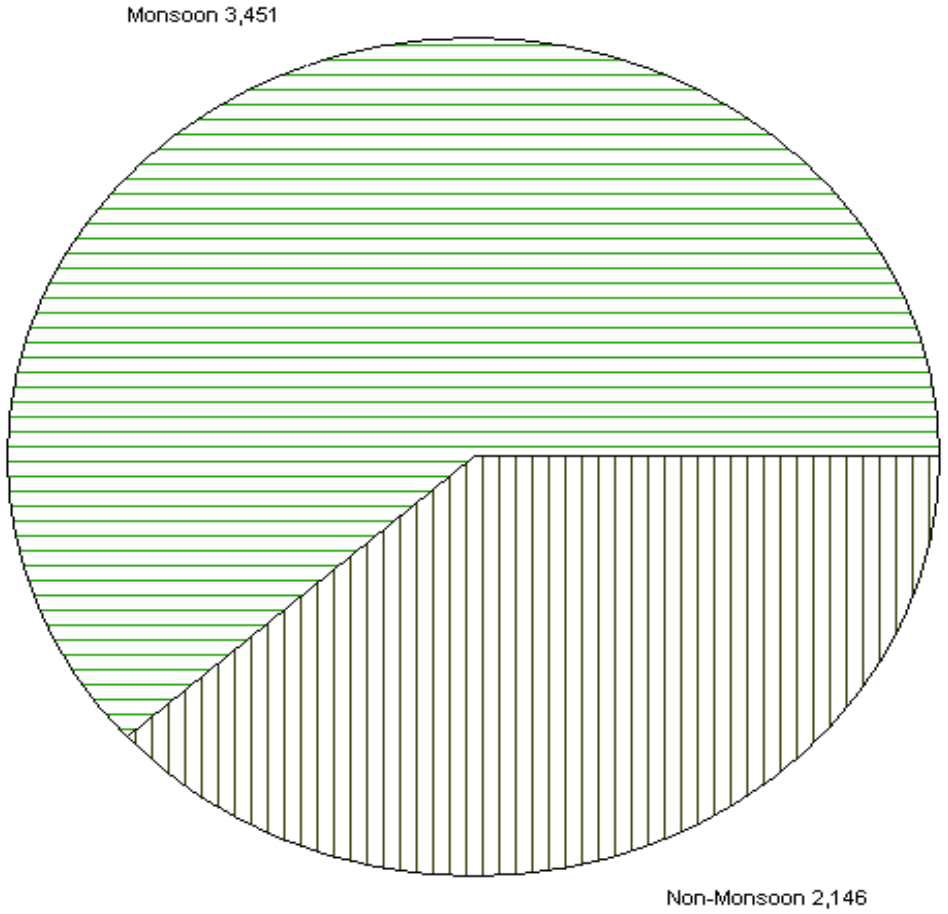
Seasonal Sediment Load for the Year: 2017-2018

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Hemavathi **CODE NO. :** CCR00M8

SITE : MUKUNDUR HOSAHALLI **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**				**00-00-0000**						
1																	
2							Sample not collected										
3																	
POSTMONSOON 2017							**DATE OF COLLECTION**				**17-03-2018**						
1	50	-	837.395	638.170	0.775	133.50	NO FLOW		0.6	0.43	NO FLOW	NO FLOW	NO FLOW	NO FLOW	NO FLOW	13.16	4.12
2	100	-	837.055	638.170	1.115				6.5	1.20							
3	150	-	837.835	638.170	0.335				73	11.67							
PREMONSOON 2018							**DATE OF COLLECTION**				**30-05-2018**						
1	50	-	837.550	638.440	0.860	133.50	NO FLOW		5	0.65		1.272	0.125	0.00005	21.50	27.66	4.3
2	100	-	836.680	638.440	1.760		0.239	2.103	8	1.45							
3	150	-	837.480	638.440	0.960		0.145	0.696	70	10.80							

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Annual Sediment Load for period : 2013-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	2830	543	3372	1470
2014-2015	88360	703	89064	1329
2015-2016	18269	174	18444	778
2016-2017	18839	145	18984	585
2017-2018	22560	214	22775	719

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	1.361	0.000	0.000	0.010	0.010	1	87.19	0.000	0.002	0.026	0.028	215	41.38	0.000	0.000	0.007	0.007	26
2	1.360	0.000	0.000	0.069	0.069	8	50.97	0.000	0.000	0.010	0.010	44	40.68	0.000	0.000	0.006	0.006	22
3	1.521	0.000	0.000	0.013	0.013	2	50.42	0.000	0.000	0.010	0.010	44	35.14	0.000	0.000	0.006	0.006	17
4	1.709	0.000	0.000	0.015	0.015	2	53.15	0.000	0.029	0.009	0.038	173	48.18	0.000	0.002	0.017	0.019	79
5	1.859	0.000	0.000	0.124	0.124	20	38.73	0.000	0.000	0.008	0.008	28	47.41	0.000	0.003	0.012	0.016	64
6	2.286	0.000	0.000	0.010	0.010	2	44.76	0.000	0.004	0.006	0.010	40	41.53	0.000	0.000	0.015	0.015	52
7	3.525	0.000	0.000	0.013	0.013	4	46.00	0.000	0.000	0.012	0.012	49	38.55	0.000	0.004	0.000	0.004	13
8	2.622	0.000	0.000	0.016	0.016	4	29.02	0.000	0.000	0.008	0.008	21	36.11	0.000	0.000	0.007	0.007	23
9	2.539	0.000	0.000	0.012	0.012	3	24.11	0.000	0.000	0.007	0.007	15	31.51	0.000	0.000	0.001	0.001	4
10	3.203	0.000	0.000	0.009	0.009	3	21.24	0.000	0.000	0.006	0.006	12	28.86	0.000	0.000	0.002	0.002	5
11	5.840	0.000	0.000	0.017	0.017	9	27.18	0.000	0.000	0.006	0.006	15	28.64	0.000	0.000	0.002	0.002	5
12	45.53	0.000	0.014	0.139	0.153	602	30.08	0.000	0.000	0.006	0.006	15	54.54	0.000	0.004	0.018	0.022	104
13	40.91	0.000	0.002	0.031	0.032	114	24.80	0.000	0.000	0.004	0.004	10	34.33	0.000	0.000	0.013	0.013	38
14	30.18	0.000	0.001	0.014	0.015	40	23.74	0.000	0.000	0.004	0.004	8	30.07	0.000	0.000	0.008	0.008	21
15	20.01	0.000	0.000	0.017	0.017	29	22.73	0.000	0.000	0.002	0.002	5	26.76	0.000	0.000	0.007	0.007	17
16	23.40	0.000	0.000	0.015	0.015	30	28.98	0.000	0.000	0.007	0.007	17	25.87	0.000	0.000	0.007	0.007	16
17	25.54	0.000	0.001	0.022	0.023	51	33.77	0.000	0.002	0.002	0.004	10	25.41	0.000	0.000	0.002	0.002	4
18	21.49	0.000	0.000	0.019	0.019	35	41.96	0.000	0.004	0.007	0.012	42	80.92	0.000	0.002	0.080	0.082	574
19	18.77	0.000	0.003	0.005	0.007	12	186.5	0.000	0.007	0.081	0.088	1426	56.40	0.000	0.022	0.107	0.129	630
20	17.11	0.000	0.000	0.007	0.007	10	293.9	0.001	0.007	0.066	0.074	1877	71.15	0.000	0.000	0.033	0.033	203
21	14.73	0.000	0.000	0.013	0.013	16	162.7	0.000	0.004	0.038	0.042	587	85.19	0.000	0.005	0.003	0.008	63
22	14.76	0.000	0.000	0.006	0.006	7	147.4	0.001	0.004	0.025	0.030	379	156.3	0.002	0.017	0.030	0.049	655
23	11.74	0.000	0.000	0.007	0.007	7	104.8	0.000	0.000	0.006	0.006	50	82.90	0.000	0.003	0.039	0.041	296
24	11.99	0.000	0.000	0.006	0.006	7	80.53	0.000	0.002	0.004	0.007	48	98.74	0.000	0.013	0.027	0.040	339
25	28.42	0.000	0.000	0.007	0.007	16	66.40	0.000	0.005	0.016	0.021	119	58.95	0.000	0.000	0.020	0.020	101
26	47.22	0.000	0.000	0.026	0.026	105	58.12	0.000	0.005	0.008	0.014	70	58.68	0.000	0.126	0.006	0.132	669
27	100.6	0.000	0.001	0.496	0.497	4322	55.82	0.000	0.001	0.003	0.004	21	92.80	0.000	0.000	0.001	0.001	11
28	108.8	0.000	0.005	0.046	0.051	477	51.13	0.000	0.000	0.000	0.000	2	85.03	0.000	0.001	0.001	0.001	10
29	87.70	0.000	0.001	0.020	0.021	162	49.64	0.000	0.000	0.003	0.003	12	112.4	0.000	0.002	0.017	0.019	186
30	87.61	0.000	0.004	0.008	0.012	89	45.76	0.000	0.000	0.008	0.008	30	204.9	0.000	0.008	0.069	0.077	1366
31							45.31	0.000	0.005	0.007	0.012	46	104.4	0.000	0.000	0.019	0.019	171
Ten Daily Mean																		
Ten Daily I	2.199	0.000	0.000	0.029	0.029	5	44.56	0.000	0.004	0.010	0.014	64	38.94	0.000	0.001	0.007	0.008	30
Ten Daily II	24.88	0.000	0.002	0.029	0.031	93	71.37	0.000	0.002	0.019	0.021	342	43.41	0.000	0.003	0.028	0.031	161
Ten Daily III	51.35	0.000	0.001	0.063	0.065	521	78.87	0.000	0.002	0.011	0.013	124	103.7	0.000	0.016	0.021	0.037	351
Monthly Total						6188						5428						5782

Annual Sediment Load (Metric Tonnes) : 22775

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Sep						Oct						Nov					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	84.41	0.000	0.001	0.001	0.002	15	36.22	0.000	0.000	0.002	0.002	5	18.09	0.000	0.000	0.004	0.004	7
2	58.12	0.000	0.000	0.007	0.007	37	54.09	0.000	0.000	0.002	0.002	8	16.90	0.000	0.000	0.004	0.004	6
3	55.68	0.000	0.000	0.007	0.007	35	43.56	0.000	0.000	0.001	0.001	4	15.44	0.000	0.000	0.001	0.001	1
4	47.33	0.000	0.000	0.006	0.006	25	38.83	0.000	0.000	0.001	0.001	4	15.38	0.000	0.000	0.001	0.001	1
5	43.09	0.000	0.000	0.002	0.002	8	37.38	0.000	0.002	0.016	0.018	58	15.17	0.000	0.000	0.001	0.001	1
6	40.10	0.000	0.000	0.101	0.101	350	41.50	0.000	0.000	0.001	0.001	4	15.47	0.000	0.000	0.004	0.004	5
7	40.18	0.000	0.000	0.002	0.002	6	50.53	0.000	0.000	0.004	0.004	17	22.96	0.000	0.000	0.015	0.015	30
8	56.85	0.000	0.003	0.005	0.007	35	31.90	0.000	0.000	0.002	0.002	4	19.12	0.000	0.000	0.003	0.003	5
9	41.13	0.000	0.000	0.002	0.002	6	35.60	0.000	0.000	0.004	0.004	12	15.11	0.000	0.000	0.002	0.002	3
10	36.87	0.000	0.000	0.002	0.002	6	32.63	0.000	0.000	0.002	0.002	4	15.44	0.000	0.000	0.001	0.001	2
11	46.16	0.000	0.000	0.022	0.022	89	28.75	0.000	0.000	0.001	0.001	4	14.64	0.000	0.000	0.001	0.001	1
12	34.69	0.000	0.000	0.007	0.007	20	36.49	0.000	0.000	0.001	0.001	4	14.58	0.000	0.000	0.001	0.001	1
13	34.86	0.000	0.000	0.007	0.007	20	28.63	0.000	0.000	0.001	0.001	3	15.31	0.000	0.000	0.003	0.003	4
14	30.24	0.000	0.000	0.003	0.003	8	26.81	0.000	0.000	0.003	0.003	8	14.30	0.000	0.000	0.001	0.001	1
15	41.80	0.000	0.000	0.001	0.001	3	68.43	0.000	0.000	0.006	0.006	35	12.84	0.000	0.000	0.002	0.002	2
16	33.26	0.000	0.000	0.001	0.001	3	44.48	0.000	0.000	0.004	0.004	14	13.63	0.000	0.000	0.001	0.001	1
17	58.12	0.000	0.000	0.002	0.002	10	34.96	0.000	0.000	0.010	0.010	31	11.28	0.000	0.000	0.001	0.001	1
18	59.26	0.000	0.141	0.002	0.143	733	27.31	0.000	0.000	0.003	0.003	7	10.67	0.000	0.000	0.002	0.002	2
19	164.7	0.000	0.003	0.037	0.040	572	26.84	0.000	0.000	0.003	0.003	7	13.23	0.000	0.000	0.002	0.002	2
20	77.86	0.000	0.005	0.107	0.112	753	25.75	0.000	0.000	0.001	0.001	3	10.38	0.000	0.000	0.002	0.002	2
21	59.40	0.000	0.004	0.015	0.018	94	20.31	0.000	0.000	0.001	0.001	1	10.12	0.000	0.000	0.002	0.002	2
22	52.56	0.000	0.000	0.014	0.014	64	22.10	0.000	0.000	0.006	0.006	11	5.718	0.000	0.000	0.003	0.003	1
23	41.52	0.000	0.000	0.014	0.014	51	22.65	0.000	0.000	0.002	0.002	5	9.802	0.000	0.000	0.002	0.002	2
24	34.96	0.000	0.000	0.002	0.002	7	23.14	0.000	0.000	0.005	0.005	9	9.410	0.000	0.000	0.002	0.002	1
25	34.25	0.000	0.000	0.002	0.002	7	22.47	0.000	0.000	0.001	0.001	2	9.316	0.000	0.000	0.002	0.002	2
26	41.26	0.000	0.003	0.107	0.110	392	33.69	0.000	0.000	0.006	0.006	19	12.31	0.000	0.000	0.002	0.002	2
27	61.39	0.000	0.003	0.192	0.196	1039	26.35	0.000	0.000	0.005	0.005	12	9.368	0.000	0.000	0.002	0.002	1
28	90.96	0.000	0.005	0.021	0.026	207	22.90	0.000	0.000	0.000	0.000	1	9.432	0.000	0.000	0.001	0.001	1
29	70.24	0.000	0.000	0.021	0.021	128	19.26	0.000	0.000	0.000	0.000	0	9.401	0.000	0.000	0.001	0.001	1
30	46.53	0.000	0.000	0.012	0.012	47	19.82	0.000	0.000	0.000	0.000	0	8.718	0.000	0.000	0.001	0.001	1
31							18.99	0.000	0.000	0.000	0.000	1						
Ten Daily Mean																		
Ten Daily I	50.38	0.000	0.000	0.013	0.014	52	40.22	0.000	0.000	0.003	0.004	12	16.91	0.000	0.000	0.004	0.004	6
Ten Daily II	58.09	0.000	0.015	0.019	0.034	221	34.84	0.000	0.000	0.004	0.004	12	13.09	0.000	0.000	0.002	0.002	2
Ten Daily III	53.31	0.000	0.002	0.040	0.042	203	22.88	0.000	0.000	0.003	0.003	6	9.359	0.000	0.000	0.002	0.002	1
Monthly																		
Total						4769						300						93

Annual Sediment Load (Metric Tonnes) : 22775

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Dec						Jan						Feb					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	8.735	0.000	0.000	0.001	0.001	1	4.943	0.000	0.000	0.001	0.001	1	2.266	0.000	0.000	0.003	0.003	1
2	8.608	0.000	0.000	0.001	0.001	1	4.801	0.000	0.000	0.003	0.003	1	2.216	0.000	0.000	0.003	0.003	0
3	8.282	0.000	0.000	0.001	0.001	1	4.598	0.000	0.000	0.003	0.003	1	2.196	0.000	0.000	0.005	0.005	1
4	8.316	0.000	0.000	0.002	0.002	2	4.843	0.000	0.000	0.002	0.002	1	2.355	0.000	0.000	0.005	0.005	1
5	8.251	0.000	0.000	0.002	0.002	1	4.797	0.000	0.000	0.002	0.002	1	2.182	0.000	0.000	0.003	0.003	1
6	8.501	0.000	0.000	0.002	0.002	2	4.687	0.000	0.000	0.002	0.002	1	2.100	0.000	0.000	0.004	0.004	1
7	8.457	0.000	0.000	0.002	0.002	1	4.306	0.000	0.000	0.002	0.002	1	1.726	0.000	0.000	0.004	0.004	1
8	8.433	0.000	0.000	0.002	0.002	1	4.383	0.000	0.000	0.002	0.002	1	1.694	0.000	0.000	0.002	0.002	0
9	8.261	0.000	0.000	0.002	0.002	1	4.352	0.000	0.000	0.002	0.002	1	1.710	0.000	0.000	0.003	0.003	0
10	7.497	0.000	0.000	0.002	0.002	1	4.248	0.000	0.000	0.002	0.002	1	1.746	0.000	0.000	0.003	0.003	0
11	6.808	0.000	0.000	0.002	0.002	1	4.276	0.000	0.000	0.002	0.002	1	2.115	0.000	0.000	0.003	0.003	0
12	6.717	0.000	0.000	0.002	0.002	1	4.219	0.000	0.000	0.002	0.002	1	1.704	0.000	0.000	0.002	0.002	0
13	6.685	0.000	0.000	0.002	0.002	1	4.149	0.000	0.000	0.003	0.003	1	1.649	0.000	0.000	0.001	0.001	0
14	6.580	0.000	0.000	0.002	0.002	1	3.974	0.000	0.000	0.003	0.003	1	1.611	0.000	0.000	0.002	0.002	0
15	6.588	0.000	0.000	0.001	0.001	1	3.866	0.000	0.000	0.003	0.003	1	1.480	0.000	0.000	0.002	0.002	0
16	6.290	0.000	0.000	0.001	0.001	1	3.648	0.000	0.000	0.002	0.002	1	1.088	0.000	0.000	0.001	0.001	0
17	6.611	0.000	0.000	0.001	0.001	1	3.626	0.000	0.000	0.002	0.002	1	1.017	0.000	0.000	0.002	0.002	0
18	6.162	0.000	0.000	0.001	0.001	0	3.661	0.000	0.000	0.002	0.002	0	1.236	0.000	0.000	0.002	0.002	0
19	5.985	0.000	0.000	0.001	0.001	1	3.573	0.000	0.000	0.001	0.001	0	0.827	0.000	0.000	0.003	0.003	0
20	5.903	0.000	0.000	0.002	0.002	1	3.512	0.000	0.000	0.002	0.002	1	1.068	0.000	0.000	0.002	0.002	0
21	5.763	0.000	0.000	0.002	0.002	1	3.252	0.000	0.000	0.002	0.002	1	0.803	0.000	0.000	0.002	0.002	0
22	5.717	0.000	0.000	0.002	0.002	1	3.298	0.000	0.000	0.003	0.003	1	0.691	0.000	0.000	0.002	0.002	0
23	5.690	0.000	0.000	0.002	0.002	1	3.238	0.000	0.000	0.003	0.003	1	0.662	0.000	0.000	0.002	0.002	0
24	5.266	0.000	0.000	0.002	0.002	1	3.141	0.000	0.000	0.003	0.003	1	0.651	0.000	0.000	0.002	0.002	0
25	5.141	0.000	0.000	0.002	0.002	1	3.094	0.000	0.000	0.003	0.003	1	0.728	0.000	0.000	0.002	0.002	0
26	5.579	0.000	0.000	0.001	0.001	1	3.060	0.000	0.000	0.003	0.003	1	0.562	0.000	0.000	0.002	0.002	0
27	5.471	0.000	0.000	0.001	0.001	1	3.082	0.000	0.000	0.003	0.003	1	0.554	0.000	0.000	0.002	0.002	0
28	5.250	0.000	0.000	0.001	0.001	1	2.966	0.000	0.000	0.004	0.004	1	0.535	0.000	0.000	0.002	0.002	0
29	5.221	0.000	0.000	0.001	0.001	1	2.719	0.000	0.000	0.003	0.003	1						
30	5.057	0.000	0.000	0.001	0.001	0	2.709	0.000	0.000	0.003	0.003	1						
31	4.654	0.000	0.000	0.001	0.001	0	2.314	0.000	0.000	0.003	0.003	1						
Ten Daily Mean																		
Ten Daily I	8.334	0.000	0.000	0.002	0.002	1	4.596	0.000	0.000	0.002	0.002	1	2.019	0.000	0.000	0.003	0.003	1
Ten Daily II	6.433	0.000	0.000	0.001	0.001	1	3.850	0.000	0.000	0.002	0.002	1	1.380	0.000	0.000	0.002	0.002	0
Ten Daily III	5.346	0.000	0.000	0.001	0.001	1	2.988	0.000	0.000	0.003	0.003	1	0.648	0.000	0.000	0.002	0.002	0
Monthly																		
Total						28						24						9

Annual Sediment Load (Metric Tonnes) : 22775

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.420	0.000	0.000	0.009	0.009	0	0.564	0.000	0.000	0.003	0.003	0	0.834	0.000	0.000	0.006	0.006	0
2	0.402	0.000	0.000	0.009	0.009	0	0.797	0.000	0.000	0.003	0.003	0	0.822	0.000	0.000	0.006	0.006	0
3	0.310	0.000	0.000	0.007	0.007	0	0.790	0.000	0.000	0.003	0.003	0	0.564	0.000	0.000	0.006	0.006	0
4	0.205	0.000	0.000	0.005	0.005	0	0.737	0.000	0.000	0.003	0.003	0	0.989	0.000	0.000	0.006	0.006	1
5	0.163	0.000	0.000	0.003	0.003	0	0.949	0.000	0.000	0.004	0.004	0	0.887	0.000	0.000	0.005	0.005	0
6	0.100	0.000	0.000	0.002	0.002	0	0.909	0.000	0.000	0.004	0.004	0	0.772	0.000	0.000	0.005	0.005	0
7	0.092	0.000	0.000	0.002	0.002	0	0.861	0.000	0.000	0.003	0.003	0	0.862	0.000	0.000	0.005	0.005	0
8	0.089	0.000	0.000	0.002	0.002	0	0.643	0.000	0.000	0.003	0.003	0	0.724	0.000	0.000	0.004	0.004	0
9	0.087	0.000	0.000	0.002	0.002	0	0.730	0.000	0.000	0.003	0.003	0	1.352	0.000	0.000	0.003	0.003	0
10	0.087	0.000	0.000	0.002	0.002	0	0.695	0.000	0.000	0.003	0.003	0	1.965	0.000	0.000	0.002	0.002	0
11	0.000	0.000	0.000	0.002	0.002	0	0.332	0.000	0.000	0.001	0.001	0	3.787	0.000	0.000	0.070	0.070	23
12	0.000	0.000	0.000	0.000	0.000	0	0.317	0.000	0.000	0.001	0.001	0	3.451	0.000	0.000	0.063	0.063	19
13	0.000	0.000	0.000	0.000	0.000	0	1.039	0.000	0.000	0.000	0.000	0	3.866	0.000	0.000	0.024	0.024	8
14	0.000	0.000	0.000	0.000	0.000	0	0.748	0.000	0.000	0.003	0.003	0	3.052	0.000	0.000	0.021	0.021	5
15	0.000	0.000	0.000	0.000	0.000	0	0.643	0.000	0.000	0.003	0.003	0	2.802	0.000	0.000	0.013	0.013	3
16	0.000	0.000	0.000	0.000	0.000	0	0.747	0.000	0.000	0.003	0.003	0	3.827	0.000	0.000	0.003	0.003	1
17	0.000	0.000	0.000	0.000	0.000	0	0.959	0.000	0.000	0.003	0.003	0	5.002	0.000	0.000	0.011	0.011	5
18	0.000	0.000	0.000	0.000	0.000	0	0.835	0.000	0.000	0.003	0.003	0	3.101	0.000	0.000	0.010	0.010	3
19	0.000	0.000	0.000	0.000	0.000	0	0.813	0.000	0.000	0.003	0.003	0	2.855	0.000	0.000	0.019	0.019	5
20	0.873	0.000	0.000	0.002	0.002	0	0.846	0.000	0.000	0.003	0.003	0	3.060	0.000	0.000	0.019	0.019	5
21	2.335	0.000	0.000	0.003	0.003	1	0.834	0.000	0.000	0.003	0.003	0	2.701	0.000	0.000	0.020	0.020	5
22	1.972	0.000	0.000	0.003	0.003	1	0.964	0.000	0.000	0.003	0.003	0	2.895	0.000	0.000	0.005	0.005	1
23	1.492	0.000	0.000	0.003	0.003	0	1.045	0.000	0.000	0.004	0.004	0	2.076	0.000	0.000	0.006	0.006	1
24	1.445	0.000	0.000	0.002	0.002	0	1.013	0.000	0.000	0.004	0.004	0	2.426	0.000	0.000	0.004	0.004	1
25	1.123	0.000	0.000	0.002	0.002	0	1.501	0.000	0.000	0.002	0.002	0	4.776	0.000	0.000	0.003	0.003	1
26	1.017	0.000	0.000	0.002	0.002	0	1.417	0.000	0.000	0.003	0.003	0	6.154	0.000	0.000	0.004	0.004	2
27	0.981	0.000	0.000	0.003	0.003	0	1.087	0.000	0.000	0.007	0.007	1	7.196	0.000	0.000	0.004	0.004	3
28	0.790	0.000	0.000	0.004	0.004	0	0.964	0.000	0.000	0.007	0.007	1	17.30	0.000	0.000	0.006	0.006	9
29	0.603	0.000	0.000	0.003	0.003	0	0.866	0.000	0.000	0.007	0.007	0	17.54	0.000	0.000	0.017	0.017	26
30	0.564	0.000	0.000	0.003	0.003	0	0.728	0.000	0.000	0.006	0.006	0	13.53	0.000	0.000	0.007	0.007	8
31	0.777	0.000	0.000	0.003	0.003	0							8.172	0.000	0.000	0.008	0.008	5
Ten Daily Mean																		
Ten Daily I	0.195	0.000	0.000	0.004	0.004	0	0.768	0.000	0.000	0.003	0.003	0	0.977	0.000	0.000	0.005	0.005	0
Ten Daily II	0.087	0.000	0.000	0.000	0.000	0	0.728	0.000	0.000	0.002	0.002	0	3.480	0.000	0.000	0.025	0.025	8
Ten Daily III	1.191	0.000	0.000	0.003	0.003	0	1.042	0.000	0.000	0.005	0.005	0	7.706	0.000	0.000	0.008	0.008	6
Monthly																		
Total						4						8						141

Annual Sediment Load (Metric Tonnes) : 22775

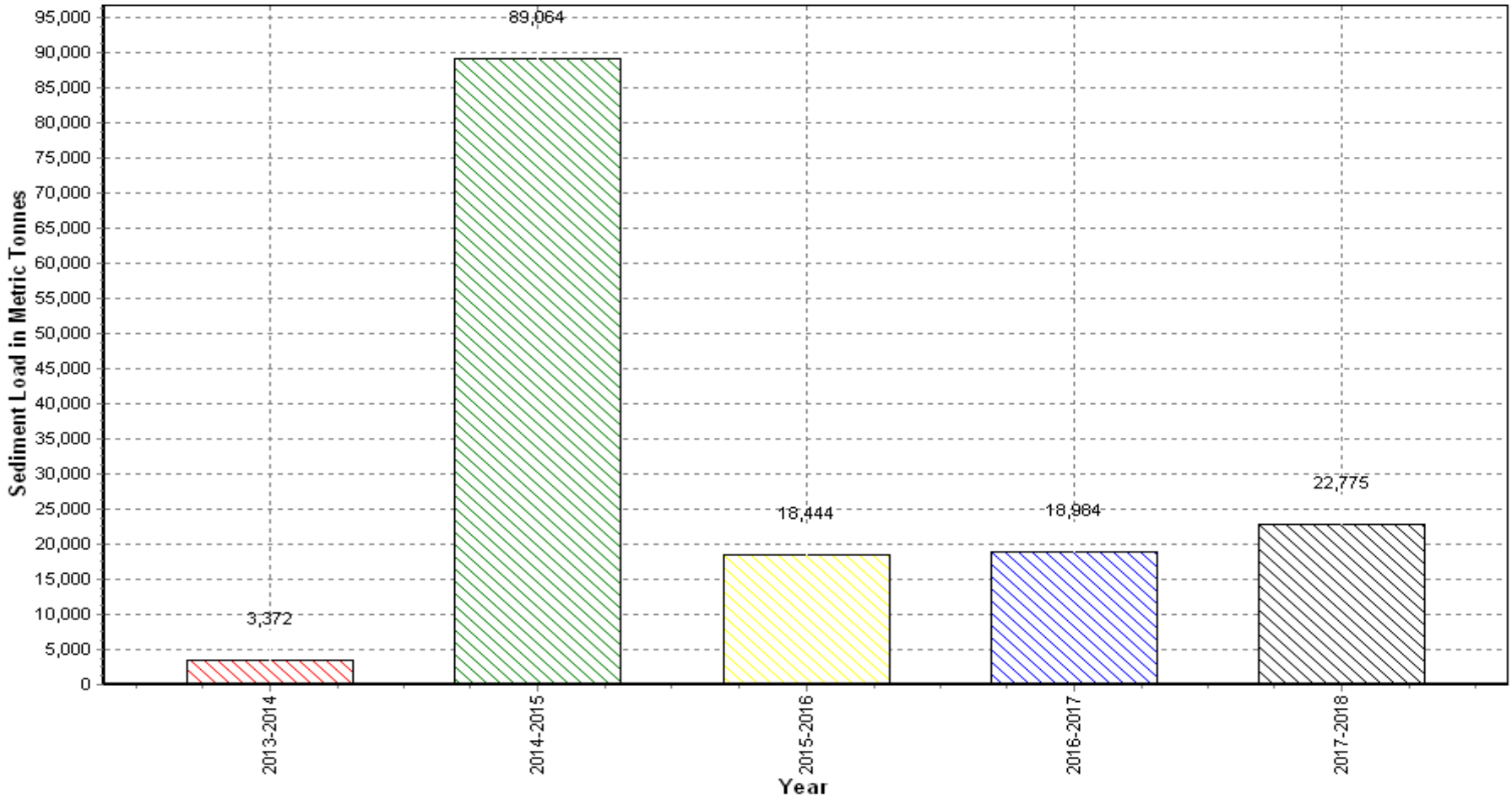
Annual Sediment Load for the period: 2013-2018

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : SWRSD-III, Mangalore



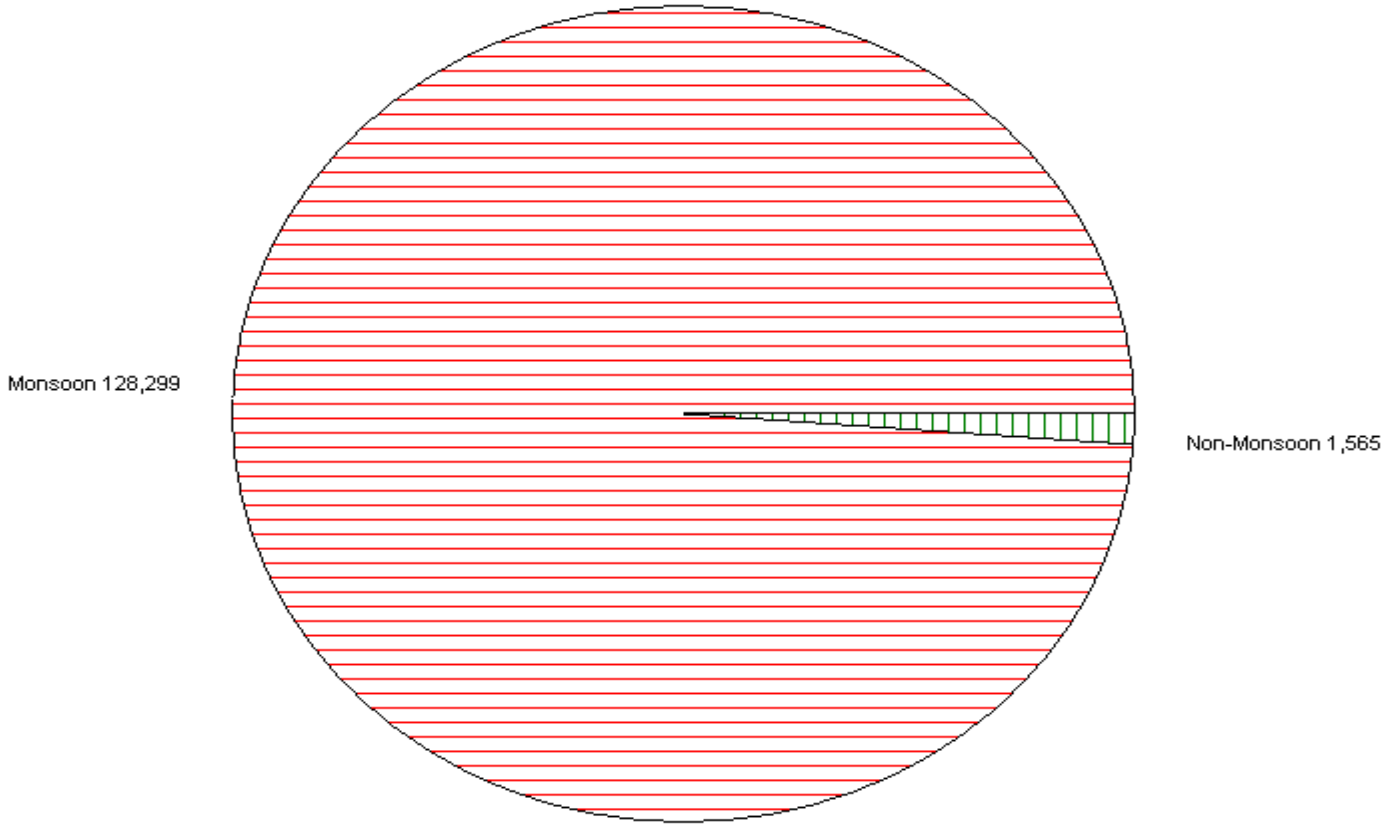
590

Seasonal Sediment Load for the period : 2013-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore

591



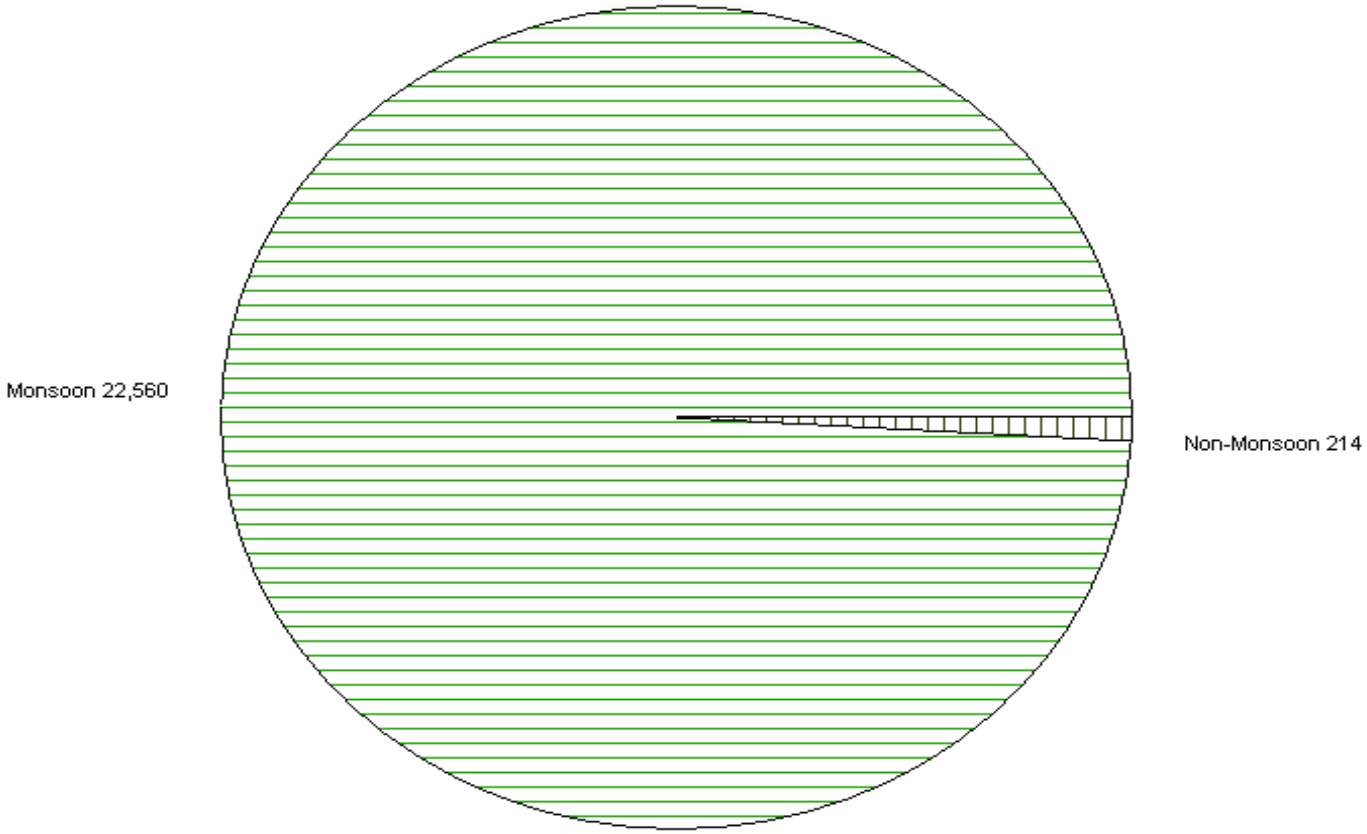
Seasonal Sediment Load for the Year: 2017-2018

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : SWRSD-III, Mangalore



BED MATERIAL ANALYSIS DATA

RIVER : Hemavathi **CODE NO. :** CCR00U6

SITE : SAKLESHPUR **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017								**DATE OF COLLECTION**									
1																	
2																	
3								**Sample not collected**									
4																	
POSTMONSOON 2017								**DATE OF COLLECTION**	**18-01-2018**								
1	40	889.805	889.805	-	-		-	-	49	2.76							
2	80	888.485	888.485	-	-	185	-	-	5	0.39							
3	120	886.180	886.180	887.130	0.880		0.479	3.559	6.5	1.16	19.103	0.4533	0.4110	0.00046	3.559	15.27	0.803
4	160	892.905	892.905	-	-		-	-	0.6	0.67							
PREMONSOON 2018								**DATE OF COLLECTION**	**26-05-2018**								
1	40	889.815	889.815	-	-		-	-	1	0.96							
2	80	888.485	888.485	-	-	185	-	-	0.6	0.53							
3	120	886.155	886.155	887.255	1.100		54	6.154	2.5	0.86	22.255	0.3671	0.7532	0.00033	6.154	1.275	0.795
4	160	892.860	892.860	-	-		-	-	1	0.83							

Annual Sediment Load for period : 2013-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Year	Monsoon (M.T.)	Non-Monsoon (M.T.)	Annual Load (M.T.)	Annual Run Off (MCM)
2013-2014	4187	7458	11645	223
2014-2015	7222	3406	10628	222
2015-2016	8477	3151	11628	283
2016-2017	1050	1790	2840	158
2017-2018	87280	3743	91023	568

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Jun						Jul						Aug					
Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Total M.T./day
13.11	0.000	0.000	0.120	0.120	136	4.667	0.000	0.000	0.035	0.035	14	3.562	0.000	0.000	0.038	0.038	12	12
12.75	0.000	0.000	0.111	0.111	122	4.944	0.000	0.000	0.036	0.036	15	5.522	0.000	0.000	0.048	0.048	23	23
11.21	0.000	0.000	0.115	0.115	111	3.534	0.000	0.000	0.033	0.033	10	5.945	0.000	0.000	0.161	0.161	83	83
10.59	0.000	0.000	0.108	0.108	99	3.159	0.000	0.000	0.060	0.060	16	5.215	0.000	0.000	0.032	0.032	14	14
7.204	0.000	0.000	0.121	0.121	75	4.214	0.000	0.000	0.053	0.053	19	4.302	0.000	0.000	0.024	0.024	9	9
7.440	0.000	0.000	0.153	0.153	98	3.667	0.000	0.000	0.090	0.090	28	4.683	0.000	0.000	0.032	0.032	13	13
7.419	0.000	0.000	0.136	0.136	87	4.538	0.000	0.000	0.065	0.065	25	5.515	0.000	0.000	0.037	0.037	17	17
6.365	0.000	0.000	0.155	0.155	85	4.672	0.000	0.000	0.039	0.039	16	5.125	0.000	0.000	0.054	0.054	24	24
7.708	0.000	0.000	0.160	0.160	106	4.683	0.000	0.000	0.052	0.052	21	5.372	0.000	0.000	0.028	0.028	13	13
7.239	0.000	0.000	0.181	0.181	113	4.029	0.000	0.000	0.068	0.068	24	13.57	0.000	0.000	0.023	0.023	27	27
6.987	0.000	0.000	0.174	0.174	105	4.392	0.000	0.000	0.076	0.076	29	13.60	0.000	0.000	0.024	0.024	28	28
8.388	0.000	0.000	0.136	0.136	99	4.434	0.000	0.000	0.067	0.067	26	6.675	0.000	0.000	0.071	0.071	41	41
7.158	0.000	0.000	0.164	0.164	101	5.409	0.000	0.000	0.043	0.043	20	7.798	0.000	0.000	0.058	0.058	39	39
7.827	0.000	0.000	0.147	0.147	99	6.747	0.000	0.000	0.028	0.028	17	11.08	0.000	0.000	0.026	0.026	25	25
4.537	0.000	0.000	0.212	0.212	83	5.339	0.000	0.000	0.049	0.049	23	11.43	0.000	0.000	0.045	0.045	45	45
3.841	0.000	0.000	0.184	0.184	61	6.065	0.000	0.000	0.037	0.037	20	31.86	0.000	0.000	0.026	0.026	72	72
9.768	0.000	0.000	0.129	0.129	109	5.643	0.000	0.000	0.050	0.050	24	26.00	0.000	0.000	0.006	0.006	13	13
9.421	0.000	0.000	0.124	0.124	101	5.525	0.000	0.000	0.035	0.035	17	24.91	0.000	0.000	0.002	0.002	4	4
6.314	0.000	0.000	0.148	0.148	81	4.742	0.000	0.000	0.034	0.034	14	15.43	0.000	0.000	0.031	0.031	41	41
7.989	0.000	0.000	0.143	0.143	99	5.470	0.000	0.000	0.033	0.033	16	11.43	0.000	0.000	0.045	0.045	45	45
6.054	0.000	0.000	0.062	0.062	33	5.849	0.000	0.000	0.025	0.025	13	14.69	0.000	0.000	0.042	0.042	54	54
4.484	0.000	0.000	0.163	0.163	63	4.809	0.000	0.000	0.033	0.033	14	13.70	0.000	0.000	0.053	0.053	63	63
4.216	0.000	0.000	0.013	0.013	5	4.430	0.000	0.000	0.029	0.029	11	10.06	0.000	0.000	0.041	0.041	36	36
5.129	0.000	0.000	0.026	0.026	12	3.229	0.000	0.000	0.024	0.024	7	13.67	0.000	0.000	0.030	0.030	35	35
3.492	0.000	0.000	0.018	0.018	5	2.996	0.000	0.000	0.033	0.033	9	14.32	0.000	0.000	0.037	0.037	45	45
5.488	0.000	0.000	0.028	0.028	13	2.966	0.000	0.000	0.047	0.047	12	17.43	0.000	0.000	0.039	0.039	59	59
3.146	0.000	0.000	0.044	0.044	12	2.188	0.000	0.000	0.015	0.015	3	11.77	0.000	0.000	0.037	0.037	38	38
4.883	0.000	0.000	0.053	0.053	22	2.319	0.000	0.000	0.031	0.031	6	8.270	0.000	0.000	0.044	0.044	32	32
5.406	0.000	0.000	0.025	0.025	12	2.313	0.000	0.000	0.035	0.035	7	9.523	0.000	0.000	0.028	0.028	23	23
4.313	0.000	0.000	0.056	0.056	21	3.492	0.000	0.000	0.036	0.036	11	9.504	0.000	0.000	0.023	0.023	18	18
						1.927	0.000	0.000	0.044	0.044	7	8.962	0.000	0.000	0.035	0.035	27	27
9.104	0.000	0.000	0.136	0.136	103	4.211	0.000	0.000	0.053	0.053	19	5.881	0.000	0.000	0.048	0.048	23	23
7.223	0.000	0.000	0.156	0.156	94	5.377	0.000	0.000	0.045	0.045	20	16.02	0.000	0.000	0.033	0.033	35	35
4.661	0.000	0.000	0.049	0.049	20	3.320	0.000	0.000	0.032	0.032	9	11.99	0.000	0.000	0.037	0.037	39	39
					2169						492						1017	1017

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) — **Division : Cauvery Division, Bangalore**

Local River : Arkavathi — **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Sep						Oct						Nov					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	6.422	0.000	0.000	0.046	0.046	25	57.97	0.000	0.000	0.116	0.116	582	17.21	0.000	0.000	0.089	0.089	132
12.75	24.91	0.000	0.000	0.042	0.042	90	81.23	0.000	0.000	0.110	0.110	773	19.74	0.000	0.000	0.048	0.048	82
11.21	52.37	0.000	0.000	0.049	0.049	220	84.34	0.000	0.000	0.207	0.207	1510	17.34	0.000	0.000	0.046	0.046	68
10.59	44.36	0.000	0.000	0.064	0.064	247	48.25	0.000	0.000	0.134	0.134	558	15.87	0.000	0.000	0.056	0.056	77
7.204	34.21	0.000	0.000	0.020	0.020	59	86.65	0.000	0.000	0.074	0.074	553	15.31	0.000	0.000	0.059	0.059	77
7.440	33.95	0.000	0.000	0.079	0.079	232	95.70	0.000	0.000	0.098	0.098	807	18.59	0.000	0.000	0.039	0.039	63
7.419	57.63	0.000	0.000	0.033	0.033	166	124.5	0.000	0.000	0.080	0.080	855	14.26	0.000	0.000	0.066	0.066	81
6.365	34.52	0.000	0.000	0.047	0.047	140	72.97	0.000	0.000	0.130	0.130	818	17.31	0.000	0.000	0.056	0.056	84
7.708	31.93	0.000	0.000	0.048	0.048	132	183.8	0.000	0.000	0.111	0.111	1756	16.41	0.000	0.000	0.035	0.035	50
7.239	363.8	0.000	0.000	0.201	0.2013	6327	70.75	0.000	0.000	0.166	0.166	1014	16.32	0.000	0.000	0.037	0.037	53
6.987	107.0	0.000	0.000	0.355	0.355	3279	281.4	0.000	0.000	0.063	0.063	1524	14.20	0.000	0.000	0.048	0.048	59
8.388	44.93	0.000	0.000	0.096	0.096	374	159.5	0.000	0.000	0.096	0.096	1327	15.31	0.000	0.000	0.043	0.043	57
7.158	34.08	0.000	0.000	0.059	0.059	173	283.6	0.000	0.000	0.056	0.056	1377	13.48	0.000	0.000	0.055	0.055	64
7.827	20.35	0.000	0.000	0.076	0.076	133	157.7	0.000	0.000	0.134	0.134	1831	12.36	0.000	0.000	0.043	0.043	46
4.537	19.48	0.000	0.000	0.041	0.041	69	283.5	0.000	0.000	0.060	0.060	1475	13.45	0.000	0.000	0.043	0.043	50
3.841	19.01	0.000	0.000	0.065	0.065	107	244.8	0.000	0.000	0.093	0.093	1965	12.52	0.000	0.000	0.042	0.042	46
9.768	15.11	0.000	0.000	0.074	0.074	96	109.8	0.000	0.000	0.176	0.176	1671	25.74	0.000	0.000	0.085	0.085	189
9.421	22.41	0.000	0.000	0.054	0.054	105	79.66	0.000	0.000	0.153	0.153	1052	18.74	0.000	0.000	0.069	0.069	111
6.314	19.45	0.000	0.000	0.080	0.080	135	53.64	0.000	0.000	0.165	0.165	764	15.87	0.000	0.000	0.051	0.051	70
7.989	17.68	0.000	0.000	0.071	0.071	108	47.42	0.000	0.000	0.161	0.161	660	12.51	0.000	0.000	0.037	0.037	40
6.054	17.40	0.000	0.000	0.071	0.071	107	46.37	0.000	0.000	0.065	0.065	261	13.94	0.000	0.000	0.042	0.042	50
4.484	16.68	0.000	0.000	0.070	0.070	101	38.16	0.000	0.000	0.099	0.099	326	12.44	0.000	0.000	0.049	0.049	53
4.216	14.22	0.000	0.000	0.052	0.052	64	29.08	0.000	0.000	0.052	0.052	130	12.44	0.000	0.000	0.063	0.063	67
5.129	11.77	0.000	0.000	0.061	0.061	62	27.94	0.000	0.000	0.080	0.080	194	10.02	0.000	0.000	0.027	0.027	23
3.492	46.40	0.000	0.000	0.052	0.052	207	26.95	0.000	0.000	0.061	0.061	143	9.675	0.000	0.000	0.042	0.042	35
5.488	62.35	0.000	0.000	0.052	0.052	280	25.88	0.000	0.000	0.045	0.045	100	9.968	0.000	0.000	0.033	0.033	29
3.146	46.72	0.000	0.000	0.047	0.047	190	22.67	0.000	0.000	0.047	0.047	92	9.079	0.000	0.000	0.049	0.049	38
4.883	172.2	0.000	0.000	0.072	0.072	1070	23.32	0.000	0.000	0.077	0.077	156	8.727	0.000	0.000	0.036	0.036	27
5.406	83.93	0.000	0.000	0.547	0.547	3967	22.05	0.000	0.000	0.069	0.069	131	8.773	0.000	0.000	0.037	0.037	28
4.313	75.31	0.000	0.000	0.053	0.053	347	20.49	0.000	0.000	0.094	0.094	166	8.114	0.000	0.000	0.036	0.036	25
	31						17.66	0.000	0.000	0.054	0.054	82						
	Ten Daily Mean																	
9.104	Ten Daily I	68.41	0.000	0.000	0.063	0.063	764	90.62	0.000	0.000	0.122	0.122	923	16.84	0.000	0.000	0.053	0.053	77
7.223	Ten Daily II	31.95	0.000	0.000	0.097	0.097	458	170.1	0.000	0.000	0.116	0.116	1365	15.42	0.000	0.000	0.052	0.052	73
4.661	Ten Daily III	54.70	0.000	0.000	0.108	0.108	639	27.32	0.000	0.000	0.068	0.068	162	10.32	0.000	0.000	0.041	0.041	38
	Monthly																	
	Total					18612						24651						1875

522

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Dec						Jan						Feb					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	8.197	0.000	0.000	0.044	0.044	31	6.059	0.000	0.000	0.055	0.055	29	3.957	0.000	0.000	0.039	0.039	13
12.75	11.06	0.000	0.000	0.030	0.030	28	4.983	0.000	0.000	0.038	0.038	16	3.408	0.000	0.000	0.041	0.041	12
11.21	15.44	0.000	0.000	0.013	0.013	18	5.138	0.000	0.000	0.059	0.059	26	2.987	0.000	0.000	0.049	0.049	13
10.59	10.53	0.000	0.000	0.029	0.029	27	6.053	0.000	0.000	0.041	0.041	22	3.313	0.000	0.000	0.087	0.087	25
7.204	9.921	0.000	0.000	0.037	0.037	31	4.342	0.000	0.000	0.029	0.029	11	2.978	0.000	0.000	0.209	0.209	54
7.440	10.46	0.000	0.000	0.040	0.040	37	4.347	0.000	0.000	0.041	0.041	15	3.970	0.000	0.000	0.039	0.039	13
7.419	10.44	0.000	0.000	0.077	0.077	70	8.608	0.000	0.000	0.075	0.075	56	2.921	0.000	0.000	0.034	0.034	9
6.365	10.33	0.000	0.000	0.036	0.036	32	4.617	0.000	0.000	0.035	0.035	14	2.805	0.000	0.000	0.047	0.047	11
7.708	9.549	0.000	0.000	0.024	0.024	20	4.385	0.000	0.000	0.019	0.019	7	2.922	0.000	0.000	0.058	0.058	15
7.239	8.234	0.000	0.000	0.027	0.027	19	4.571	0.000	0.000	0.054	0.054	21	4.047	0.000	0.000	0.046	0.046	16
6.987	9.245	0.000	0.000	0.038	0.038	30	4.622	0.000	0.000	0.026	0.026	10	3.996	0.000	0.000	0.047	0.047	16
8.388	8.132	0.000	0.000	0.026	0.026	18	4.296	0.000	0.000	0.021	0.021	8	3.229	0.000	0.000	0.058	0.058	16
7.158	8.319	0.000	0.000	0.035	0.035	25	4.244	0.000	0.000	0.038	0.038	14	5.037	0.000	0.000	0.065	0.065	28
7.827	7.796	0.000	0.000	0.048	0.048	32	4.753	0.000	0.000	0.040	0.040	17	4.671	0.000	0.000	0.124	0.124	50
4.537	7.654	0.000	0.000	0.035	0.035	23	7.518	0.000	0.000	0.088	0.088	57	4.531	0.000	0.000	0.066	0.066	26
3.841	6.868	0.000	0.000	0.032	0.032	19	4.660	0.000	0.000	0.032	0.032	13	2.912	0.000	0.000	0.141	0.141	35
9.768	6.838	0.000	0.000	0.035	0.035	20	5.065	0.000	0.000	0.052	0.052	23	2.713	0.000	0.000	0.070	0.070	16
9.421	5.592	0.000	0.000	0.041	0.041	20	4.256	0.000	0.000	0.032	0.032	12	3.996	0.000	0.000	0.060	0.060	21
6.314	5.158	0.000	0.000	0.032	0.032	14	4.695	0.000	0.000	0.029	0.029	12	3.641	0.000	0.000	0.068	0.068	21
7.989	5.094	0.000	0.000	0.047	0.047	21	4.000	0.000	0.000	0.028	0.028	10	3.080	0.000	0.000	0.064	0.064	17
6.054	6.585	0.000	0.000	0.028	0.028	16	3.996	0.000	0.000	0.058	0.058	20	3.509	0.000	0.000	0.064	0.064	19
4.484	6.894	0.000	0.000	0.044	0.044	26	4.329	0.000	0.000	0.076	0.076	28	2.707	0.000	0.000	0.065	0.065	15
4.216	7.578	0.000	0.000	0.060	0.060	39	4.086	0.000	0.000	0.075	0.075	26	3.009	0.000	0.000	0.055	0.055	14
5.129	6.838	0.000	0.000	0.046	0.046	27	4.297	0.000	0.000	0.028	0.028	10	2.813	0.000	0.000	0.041	0.041	10
3.492	5.593	0.000	0.000	0.032	0.032	15	3.963	0.000	0.000	0.026	0.026	9	3.313	0.000	0.000	0.049	0.049	14
5.488	4.675	0.000	0.000	0.041	0.041	16	3.996	0.000	0.000	0.038	0.038	13	2.788	0.000	0.000	0.054	0.054	13
3.146	5.033	0.000	0.000	0.037	0.037	16	4.641	0.000	0.000	0.045	0.045	18	3.525	0.000	0.000	0.047	0.047	14
4.883	5.062	0.000	0.000	0.065	0.065	29	3.996	0.000	0.000	0.038	0.038	13	2.907	0.000	0.000	0.062	0.062	15
5.406	4.726	0.000	0.000	0.065	0.065	26	2.924	0.000	0.000	0.056	0.056	14						
4.313	5.039	0.000	0.000	0.054	0.054	24	3.238	0.000	0.000	0.041	0.041	11						
	7.518	0.000	0.000	0.051	0.051	33	4.558	0.000	0.000	0.041	0.041	16						
	Ten Daily Mean																	
9.104	**Ten Daily I**	10.42	0.000	0.000	0.036	0.036	31	5.310	0.000	0.000	0.044	0.044	22	3.331	0.000	0.000	0.065	0.065	18
7.223	**Ten Daily II**	7.070	0.000	0.000	0.037	0.037	22	4.811	0.000	0.000	0.039	0.039	17	3.781	0.000	0.000	0.076	0.076	25
4.661	**Ten Daily III**	5.958	0.000	0.000	0.048	0.048	24	4.002	0.000	0.000	0.047	0.047	16	3.071	0.000	0.000	0.054	0.054	14
	Monthly																	
	Total					804						572						544

523

Annual Sediment Load (Metric Tonnes) : 52560

Daily Observed Sediment Datasheet for period : 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**

Day	Mar						Apr						May					
Q cumecs.	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
13.11	3.384	0.000	0.000	0.060	0.060	17	5.304	0.000	0.000	0.083	0.083	38	5.111	0.000	0.000	0.026	0.026	11
12.75	2.853	0.000	0.000	0.053	0.053	13	3.675	0.000	0.000	0.042	0.042	13	4.408	0.000	0.000	0.035	0.035	13
11.21	3.375	0.000	0.000	0.039	0.039	11	3.125	0.000	0.000	0.039	0.039	11	5.073	0.000	0.000	0.030	0.030	13
10.59	3.313	0.000	0.000	0.044	0.044	13	5.706	0.000	0.000	0.028	0.028	14	7.260	0.000	0.000	0.030	0.030	19
7.204	3.136	0.000	0.000	0.057	0.057	15	6.448	0.000	0.000	0.030	0.030	17	10.51	0.000	0.000	0.051	0.051	46
7.440	3.010	0.000	0.000	0.045	0.045	12	5.068	0.000	0.000	0.029	0.029	13	9.789	0.000	0.000	0.047	0.047	40
7.419	2.793	0.000	0.000	0.037	0.037	9	5.106	0.000	0.000	0.027	0.027	12	6.904	0.000	0.000	0.052	0.052	31
6.365	2.570	0.000	0.000	0.033	0.033	7	3.102	0.000	0.000	0.034	0.034	9	5.604	0.000	0.000	0.046	0.046	22
7.708	2.663	0.000	0.000	0.023	0.023	5	2.896	0.000	0.000	0.030	0.030	7	5.685	0.000	0.000	0.044	0.044	22
7.239	2.599	0.000	0.000	0.044	0.044	10	2.653	0.000	0.000	0.040	0.040	9	4.878	0.000	0.000	0.033	0.033	14
6.987	2.170	0.000	0.000	0.092	0.092	17	2.654	0.000	0.000	0.059	0.059	14	10.69	0.000	0.000	0.036	0.036	33
8.388	2.545	0.000	0.000	0.037	0.037	8	2.488	0.000	0.000	0.064	0.064	14	9.789	0.000	0.000	0.040	0.040	34
7.158	2.607	0.000	0.000	0.036	0.036	8	2.717	0.000	0.000	0.040	0.040	9	10.20	0.000	0.000	0.041	0.041	36
7.827	2.523	0.000	0.000	0.041	0.041	9	3.002	0.000	0.000	0.108	0.108	28	11.71	0.000	0.000	0.039	0.039	40
4.537	2.758	0.000	0.000	0.044	0.044	10	2.170	0.000	0.000	0.088	0.088	17	10.78	0.000	0.000	0.044	0.044	41
3.841	3.389	0.000	0.000	0.039	0.039	11	2.519	0.000	0.000	0.048	0.048	11	11.77	0.000	0.000	0.037	0.037	38
9.768	3.526	0.000	0.000	0.043	0.043	13	2.575	0.000	0.000	0.037	0.037	8	11.65	0.000	0.000	0.069	0.069	70
9.421	3.532	0.000	0.000	0.041	0.041	12	5.081	0.000	0.000	0.031	0.031	14	10.68	0.000	0.000	0.026	0.026	24
6.314	5.693	0.000	0.000	0.045	0.045	22	3.729	0.000	0.000	0.035	0.035	11	9.874	0.000	0.000	0.043	0.043	37
7.989	5.133	0.000	0.000	0.039	0.039	17	3.503	0.000	0.000	0.041	0.041	12	9.789	0.000	0.000	0.039	0.039	33
6.054	3.630	0.000	0.000	0.024	0.024	8	4.054	0.000	0.000	0.029	0.029	10	10.84	0.000	0.000	0.034	0.034	31
4.484	5.376	0.000	0.000	0.024	0.024	11	5.304	0.000	0.000	0.029	0.029	13	11.17	0.000	0.000	0.040	0.040	39
4.216	5.304	0.000	0.000	0.023	0.023	10	6.435	0.000	0.000	0.024	0.024	13	10.43	0.000	0.000	0.032	0.032	29
5.129	4.978	0.000	0.000	0.023	0.023	10	5.047	0.000	0.000	0.032	0.032	14	8.595	0.000	0.000	0.072	0.072	54
3.492	3.102	0.000	0.000	0.031	0.031	8	6.667	0.000	0.000	0.043	0.043	25	9.871	0.000	0.000	0.045	0.045	38
5.488	3.761	0.000	0.000	0.025	0.025	8	6.972	0.000	0.000	0.042	0.042	25	10.47	0.000	0.000	0.039	0.039	35
3.146	3.285	0.000	0.000	0.033	0.033	9	7.309	0.000	0.000	0.039	0.039	25	10.63	0.000	0.000	0.047	0.047	44
4.883	2.974	0.000	0.000	0.023	0.023	6	6.139	0.000	0.000	0.026	0.026	14	11.12	0.000	0.000	0.048	0.048	46
5.406	3.102	0.000	0.000	0.027	0.027	7	5.304	0.000	0.000	0.031	0.031	14	10.59	0.000	0.000	0.056	0.056	51
4.313	2.170	0.000	0.000	0.003	0.003	0	5.024	0.000	0.000	0.030	0.030	13	9.819	0.000	0.000	0.042	0.042	36
	2.941	0.000	0.000	0.024	0.024	6							8.828	0.000	0.000	0.043	0.043	32
	Ten Daily Mean																	
9.104	**Ten Daily I**	2.970	0.000	0.000	0.043	0.043	11	4.308	0.000	0.000	0.038	0.038	14	6.522	0.000	0.000	0.039	0.039	23
7.223	**Ten Daily II**	3.388	0.000	0.000	0.045	0.045	13	3.044	0.000	0.000	0.055	0.055	14	10.69	0.000	0.000	0.041	0.041	38
4.661	**Ten Daily III**	3.693	0.000	0.000	0.024	0.024	8	5.826	0.000	0.000	0.032	0.032	17	10.21	0.000	0.000	0.045	0.045	40
	Monthly																	
	Total					326						446						1052

524

Annual Sediment Load (Metric Tonnes) : 52560

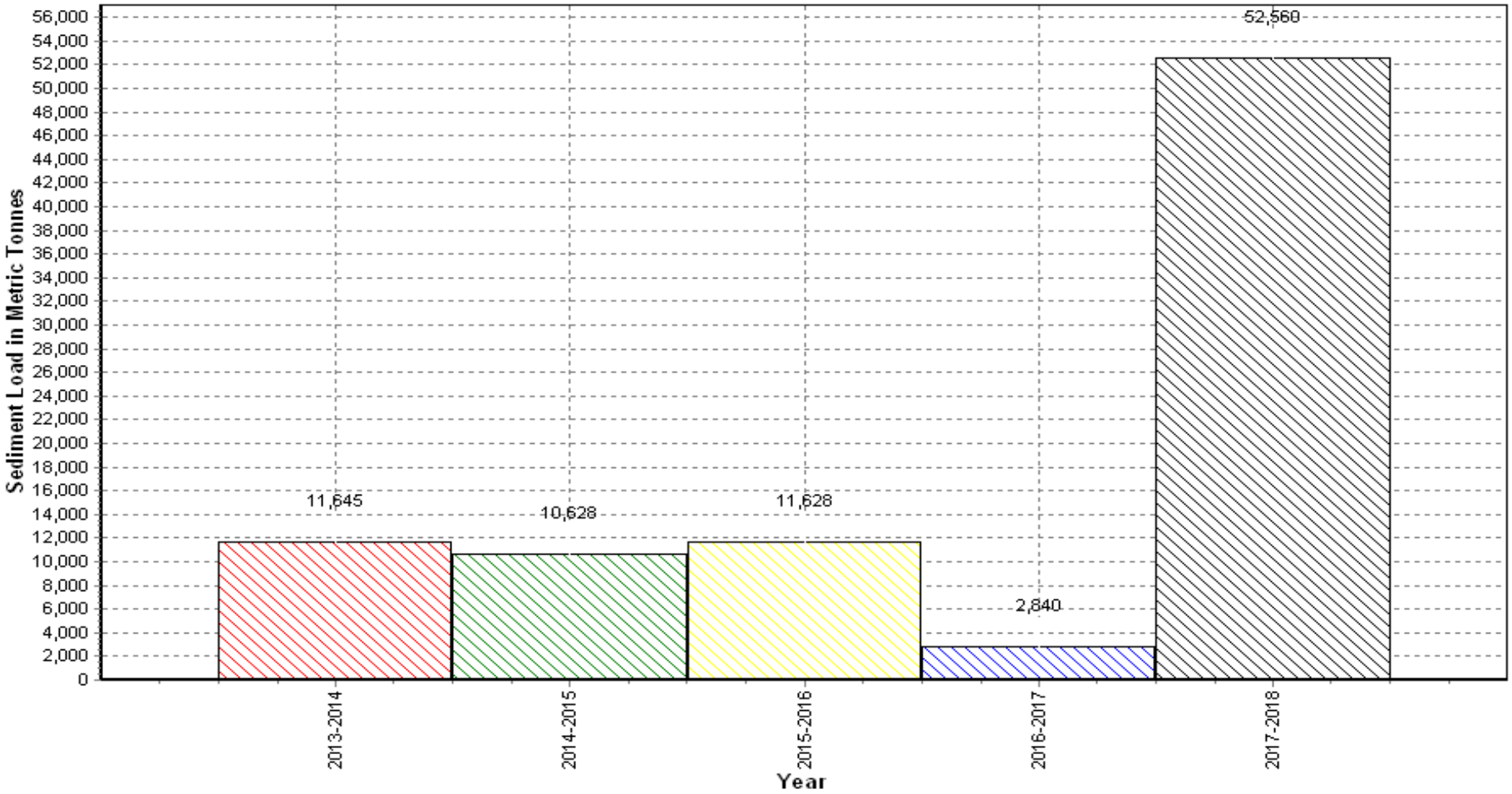
Annual Sediment Load for the period: 2013-2018

Station Name : T. Bekuppe (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

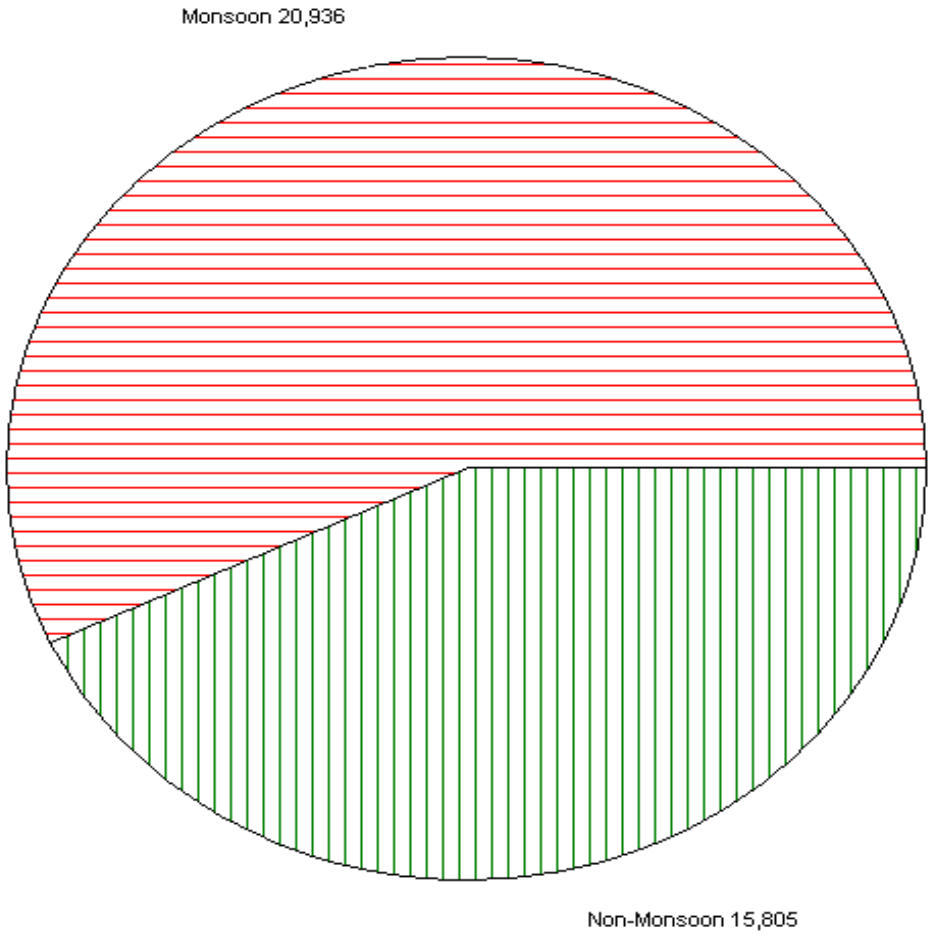
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2017

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

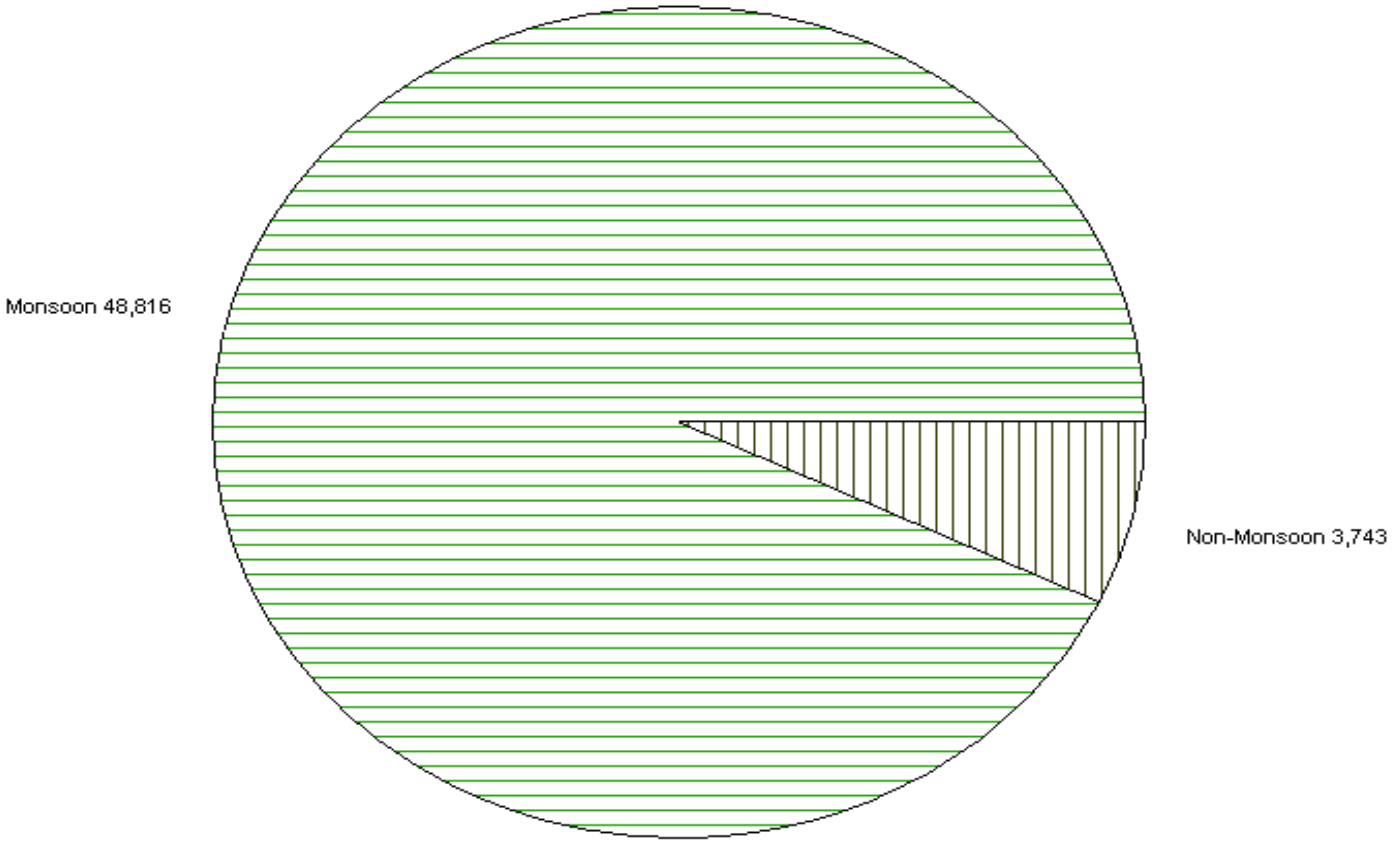
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2017-2018

Station Name : T. Bekuppe (T. BEKUPPE)
Local River : Arkavathi

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



BED MATERIAL ANALYSIS DATA

RIVER : Cauvery **CODE NO. :** CC000Y5

SITE : KUDIGE **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	Bed Material Composition		WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	Bed Material Composition	
									MAX SIZE (mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2017							**DATE OF COLLECTION**										
1																	
2																	
3							Sample not collected										
4																	
POSTMONSOON 2017							**DATE OF COLLECTION**		**17-02-2018**								
1	30	-	809.570	811.500	1.93	103.5	NO FLOW		0.60	0.3							
2	60	-	880.980	811.500	2.520	-	0.259	3.263	27	5.76							
3	90	-	810.190	811.500	1.310	-	0.213	1.395	8	1.15	105.784	1.8770	0.1558	0.00010	30.940	23.15	3.7
4	120	-	810.450	811.500	1.050	-	0.063	0.330	57	7.59							
PREMONSOON 2018							**DATE OF COLLECTION**		**14-05-2018**								
1	30	-	809.680	-	1.560	103.5			13	1.30							
2	60	-	808.550	-	2.690	-	Discharge observed at Temp. Section.		13	1.21							
3	90	-	810.140	-	1.100	-			16	3.48	104.689	1.6100	0.0590	0.00010	9.72	12.25	1.8175
4	120	-	810.260	-	0.980				7	1.28							

ABBREVIATION AND SYMBOLS

Av.	:	Average
Cumecs	:	Cubic meter per second
Cum	:	Cubic meter
D	:	Days
Q	:	Discharge
G	:	Gauge
GD	:	Gauge Discharge
GDS	:	Gauge Discharge Sediment
GDSQ	:	Gauge Discharge Sediment & Water Quality
G.T.S.	:	Great Trignometrical Survey
Km.	:	Kilometer
CD	:	Cauvery Division, Bangalore.
HD	:	Hydrology Division, Chennai.
SRD	:	Southern Rivers Division, Coimbatore
SWRD	:	South Western Rivers Division, Cochin.
m.	:	Meter
mm.	:	Millimeter
m/s.	:	Meter per Second
MCM	:	Million Cubic Meter
Max.	:	Maximum
Min.	:	Minimum
M.S.L.	:	Mean Sea Level
R.L.	:	Reduced Level
Sec.	:	Second
CGL	:	Central Gauge Line
Sq.Km.	:	Square Kilometer
W.L.	:	Water Level
W.Year	:	Water Year
W.Q.	:	Water Quality
º	:	Degree (30^{o})
’	:	Minute (25’)
”	:	Second (50”)
*	:	Estimated Discharge
#	:	Discarded Discharge