(केवल कार्यालय उपयोग हेतु)
(FOR OFFICE USE ONLY)

वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2016 – मई 2017)
(JUNE 2016– MAY 2017)
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
CAUVERY & SOUTHERN RIVERS ORGANISATION, COIMBATORE

नवंबर – 2017
NOVEMBER – 2017

वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2016 – मई 2017)
(JUNE 2016 - MAY 2017)
कावेरी बेसिन
CAUVERY BASIN
नदी प्रवाह आँकड़ा
Stream Flow Data

कावेरी एवं दक्षिणी नदियाँ परिमण्डल, बेंगलूरु

CAUVERY & SOUTHERN RIVERS CIRCLE, BENGALURU

कावेरी एवं दक्षिणी नदियाँ संगठन, कोयंबतूर

CAUVERY & SOUTHERN RIVERS ORGANISATION, COIMBATORE

नवंबर – 2017

NOVEMBER – 2017

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 2016-17.

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
Cauvery & Southern Rivers Circle

Bengaluru
November 2017.

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। 2016–17 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

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

बेंगलुरू
नवंबर, 2017

CONTENTS

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 2016-17 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 2016-17 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

CAUVERY DIVISION, BANGALORE

1. Cauvery at Biligundulu
2. Arkavathi at T.Bekuppe
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
9. Cauvery at Kudige

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.

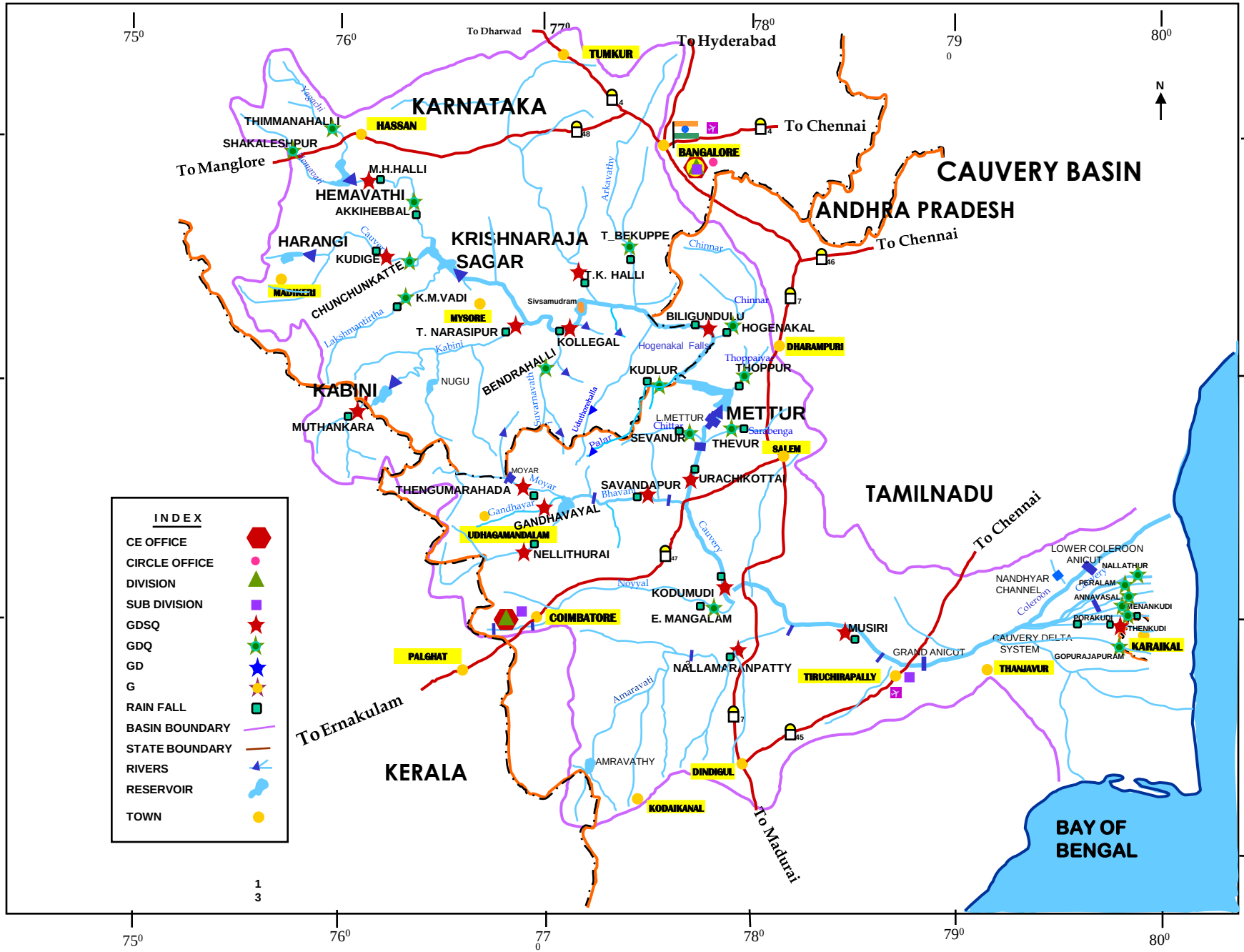
5.2.2 GENERAL DATA OF RIVER

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

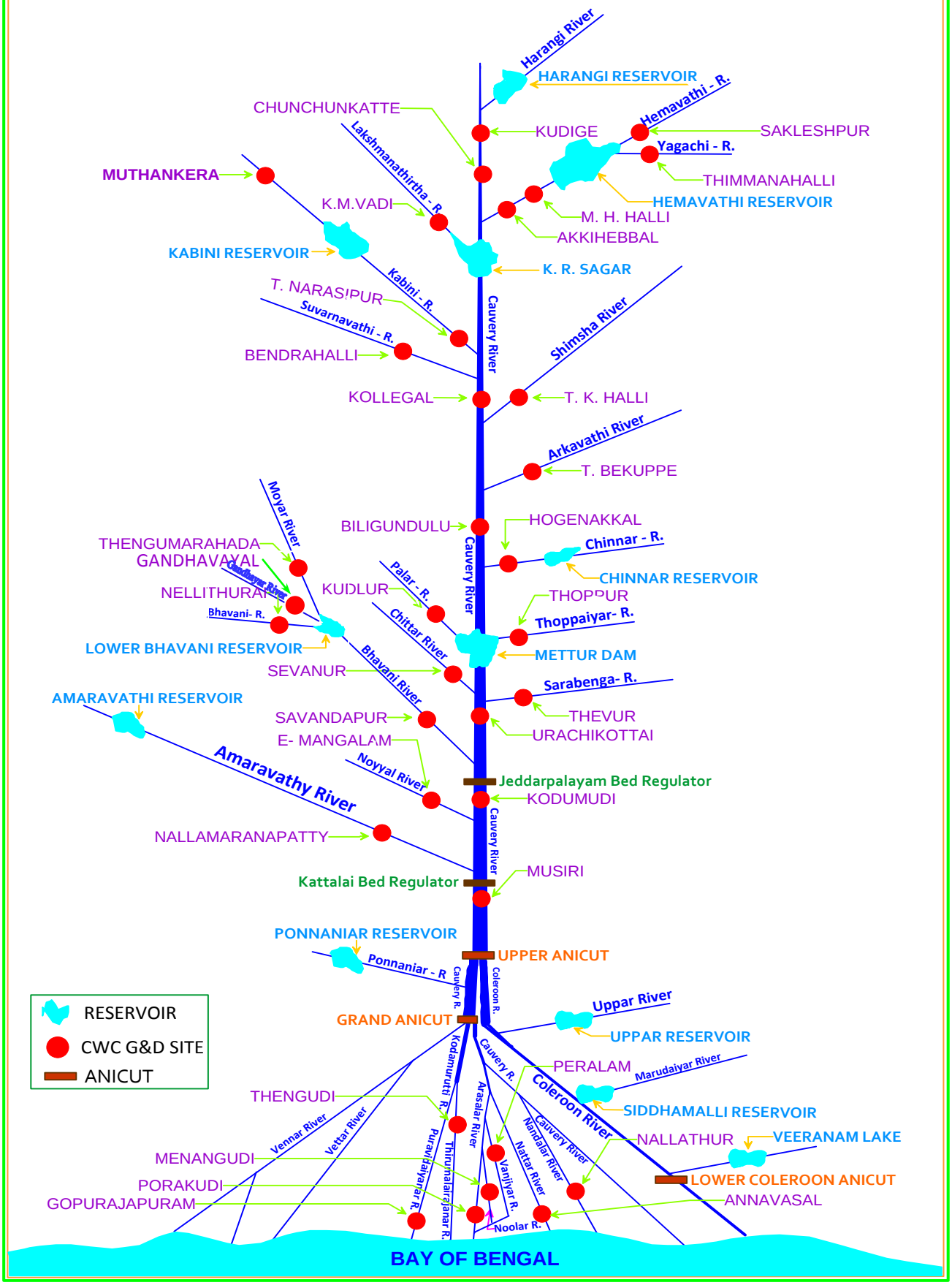


Annexure - I

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



HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Puravadaiyanar **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	0.940	0.000	0.365	0.000	0.200	0.000	0.400	0.000	0.255	0.000	0.440	0.000
2	0.890	0.000	0.350	0.000	0.215	0.000	0.390	0.000	0.245	0.000	0.460	0.000
3	0.800	0.000	0.335	0.000	0.230	0.000	0.375	0.000	0.240	0.000	0.640	0.000
4	0.740	0.000	0.320	0.000	0.220	0.000	0.360	0.000	0.230	0.000	0.645	0.000
5	0.760	0.000	0.315	0.000	0.215	0.000	0.345	0.000	0.240	0.000	0.680	0.000
6	0.760	0.000	0.310	0.000	0.205	0.000	0.335	0.000	0.230	0.000	0.675	0.000
7	0.800	0.000	0.305	0.000	0.190	0.000	0.320	0.000	0.225	0.000	0.670	0.000
8	0.810	0.000	0.300	0.000	0.180	0.000	0.305	0.000	0.215	0.000	0.660	0.000
9	0.800	0.000	0.290	0.000	0.175	0.000	0.290	0.000	0.205	0.000	0.655	0.000
10	0.780	0.000	0.285	0.000	0.180	0.000	0.285	0.000	0.195	0.000	0.650	0.000
11	0.750	0.000	0.275	0.000	0.185	0.000	0.275	0.000	0.190	0.000	0.645	0.000
12	0.730	0.000	0.260	0.000	0.185	0.000	0.265	0.000	0.255	0.000	0.635	0.000
13	0.680	0.000	0.245	0.000	0.180	0.000	0.255	0.000	0.250	0.000	0.690	0.000
14	0.650	0.000	0.225	0.000	0.200	0.000	0.245	0.000	0.240	0.000	0.760	0.000
15	0.640	0.000	0.205	0.000	0.195	0.000	0.240	0.000	0.235	0.000	0.760	0.000
16	0.635	0.000	0.190	0.000	0.185	0.000	0.235	0.000	0.225	0.000	0.715	0.000
17	0.630	0.000	0.170	0.000	0.170	0.000	0.225	0.000	0.370	0.000	0.695	0.000
18	0.595	0.000	0.155	0.000	0.155	0.000	0.235	0.000	0.360	0.000	0.780	0.000
19	0.590	0.000	0.145	0.000	0.145	0.000	0.230	0.000	0.350	0.000	0.775	0.000
20	0.580	0.000	0.190	0.000	0.140	0.000	0.220	0.000	0.340	0.000	0.760	0.000
21	0.560	0.000	0.240	0.000	0.130	0.000	0.230	0.000	0.420	0.000	0.740	0.000
22	0.560	0.000	0.270	0.000	0.120	0.000	0.275	0.000	0.420	0.000	0.720	0.000
23	0.530	0.000	0.260	0.000	0.120	0.000	0.315	0.000	0.410	0.000	0.705	0.000
24	0.500	0.000	0.250	0.000	0.280	0.000	0.315	0.000	0.400	0.000	0.695	0.000
25	0.460	0.000	0.240	0.000	0.265	0.000	0.305	0.000	0.390	0.000	0.685	0.000
26	0.420	0.000	0.225	0.000	0.255	0.000	0.295	0.000	0.380	0.000	0.665	0.000
27	0.420	0.000	0.225	0.000	0.270	0.000	0.280	0.000	0.370	0.000	0.645	0.000
28	0.415	0.000	0.215	0.000	0.300	0.000	0.270	0.000	0.365	0.000	0.625	0.000
29	0.405	0.000	0.215	0.000	0.335	0.000	0.265	0.000	0.355	0.000	0.600	0.000
30	0.380	0.000	0.210	0.000	0.360	0.000	0.265	0.000	0.365	0.000	0.570	0.000
31			0.205	0.000	0.365	0.000			0.405	0.000		
Ten-Daily Mean												
I Ten-Daily	0.808	0.000	0.318	0.000	0.201	0.000	0.340	0.000	0.228	0.000	0.617	0.000
II Ten-Daily	0.648	0.000	0.206	0.000	0.174	0.000	0.242	0.000	0.281	0.000	0.722	0.000
III Ten-Daily	0.465	0.000	0.232	0.000	0.255	0.000	0.282	0.000	0.389	0.000	0.665	0.000
Monthly												
Min.	0.380	0.000	0.145	0.000	0.120	0.000	0.220	0.000	0.190	0.000	0.440	0.000
Max.	0.940	0.000	0.365	0.000	0.365	0.000	0.400	0.000	0.420	0.000	0.780	0.000
Mean	0.640	0	0.251	0	0.211	0	0.288	0	0.302	0	0.668	0

Annual Runoff in MCM = 0 Annual Runoff in mm =

Peak Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :0.94 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :0.94 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 2016 - 2017

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

Local River : Puravadaiyanar **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	0.570	0.000	0.625	0.000	0.590	0.000	0.420	0.000	0.310	0.000	0.205	0.000
2	0.600	0.000	0.610	0.000	0.585	0.000	0.455	0.000	0.295	0.000	0.200	0.000
3	0.610	0.000	0.595	0.000	0.580	0.000	0.460	0.000	0.280	0.000	0.190	0.000
4	0.590	0.000	0.580	0.000	0.570	0.000	0.485	0.000	0.270	0.000	0.180	0.000
5	0.570	0.000	0.570	0.000	0.550	0.000	0.490	0.000	0.260	0.000	0.175	0.000
6	0.555	0.000	0.560	0.000	0.525	0.000	0.495	0.000	0.250	0.000	0.190	0.000
7	0.550	0.000	0.555	0.000	0.500	0.000	0.465	0.000	0.210	0.000	0.190	0.000
8	0.550	0.000	0.545	0.000	0.480	0.000	0.430	0.000	0.195	0.000	0.195	0.000
9	0.550	0.000	0.540	0.000	0.450	0.000	0.380	0.000	0.210	0.000	0.165	0.000
10	0.560	0.000	0.535	0.000	0.425	0.000	0.340	0.000	0.210	0.000	0.165	0.000
11	0.570	0.000	0.535	0.000	0.405	0.000	0.330	0.000	0.225	0.000	0.165	0.000
12	0.585	0.000	0.530	0.000	0.390	0.000	0.325	0.000	0.260	0.000	0.135	0.000
13	0.625	0.000	0.530	0.000	0.375	0.000	0.320	0.000	0.280	0.000	0.135	0.000
14	0.650	0.000	0.525	0.000	0.375	0.000	0.325	0.000	0.260	0.000	0.130	0.000
15	0.655	0.000	0.525	0.000	0.400	0.000	0.335	0.000	0.245	0.000	0.130	0.000
16	0.655	0.000	0.520	0.000	0.435	0.000	0.340	0.000	0.230	0.000	0.135	0.000
17	0.650	0.000	0.515	0.000	0.460	0.000	0.315	0.000	0.225	0.000	0.135	0.000
18	0.640	0.000	0.510	0.000	0.465	0.000	0.310	0.000	0.225	0.000	0.140	0.000
19	0.630	0.000	0.505	0.000	0.470	0.000	0.290	0.000	0.220	0.000	0.145	0.000
20	0.630	0.000	0.500	0.000	0.470	0.000	0.280	0.000	0.220	0.000	0.145	0.000
21	0.630	0.000	0.510	0.000	0.445	0.000	0.255	0.000	0.215	0.000	0.145	0.000
22	0.625	0.000	0.535	0.000	0.435	0.000	0.235	0.000	0.215	0.000	0.150	0.000
23	0.625	0.000	0.560	0.000	0.430	0.000	0.225	0.000	0.210	0.000	0.145	0.000
24	0.625	0.000	0.570	0.000	0.425	0.000	0.210	0.000	0.210	0.000	0.145	0.000
25	0.615	0.000	0.565	0.000	0.420	0.000	0.200	0.000	0.220	0.000	0.145	0.000
26	0.610	0.000	0.570	0.000	0.415	0.000	0.222	0.000	0.235	0.000	0.140	0.000
27	0.605	0.000	0.585	0.000	0.405	0.000	0.240	0.000	0.235	0.000	0.135	0.000
28	0.640	0.000	0.595	0.000	0.395	0.000	0.265	0.000	0.220	0.000	0.130	0.000
29	0.650	0.000	0.600	0.000			0.300	0.000	0.215	0.000	0.120	0.000
30	0.645	0.000	0.605	0.000			0.310	0.000	0.215	0.000	0.120	0.000
31	0.640	0.000	0.605	0.000			0.315	0.000			0.120	0.000
Ten-Daily Mean												
I Ten-Daily	0.571	0.000	0.571	0.000	0.525	0.000	0.442	0.000	0.249	0.000	0.185	0.000
II Ten-Daily	0.629	0.000	0.519	0.000	0.424	0.000	0.317	0.000	0.239	0.000	0.139	0.000
III Ten-Daily	0.628	0.000	0.573	0.000	0.421	0.000	0.252	0.000	0.219	0.000	0.136	0.000
Monthly												
Min.	0.550	0.000	0.500	0.000	0.375	0.000	0.200	0.000	0.195	0.000	0.120	0.000
Max.	0.655	0.000	0.625	0.000	0.590	0.000	0.495	0.000	0.310	0.000	0.205	0.000
Mean	0.610	0	0.555	0	0.460	0	0.334	0	0.236	0	0.153	0

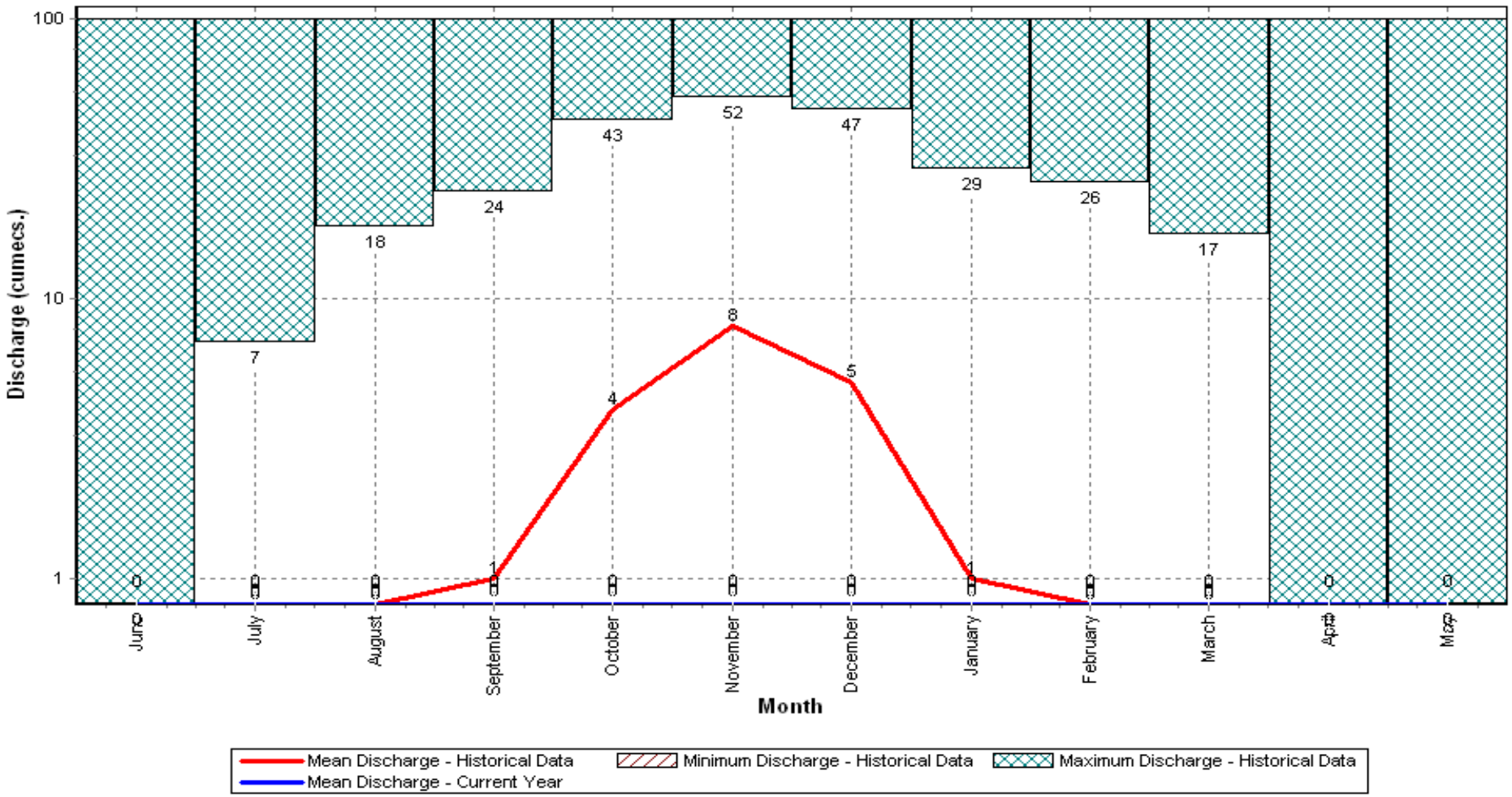
Q: Observed/Computed Discharge in cumecs

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

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

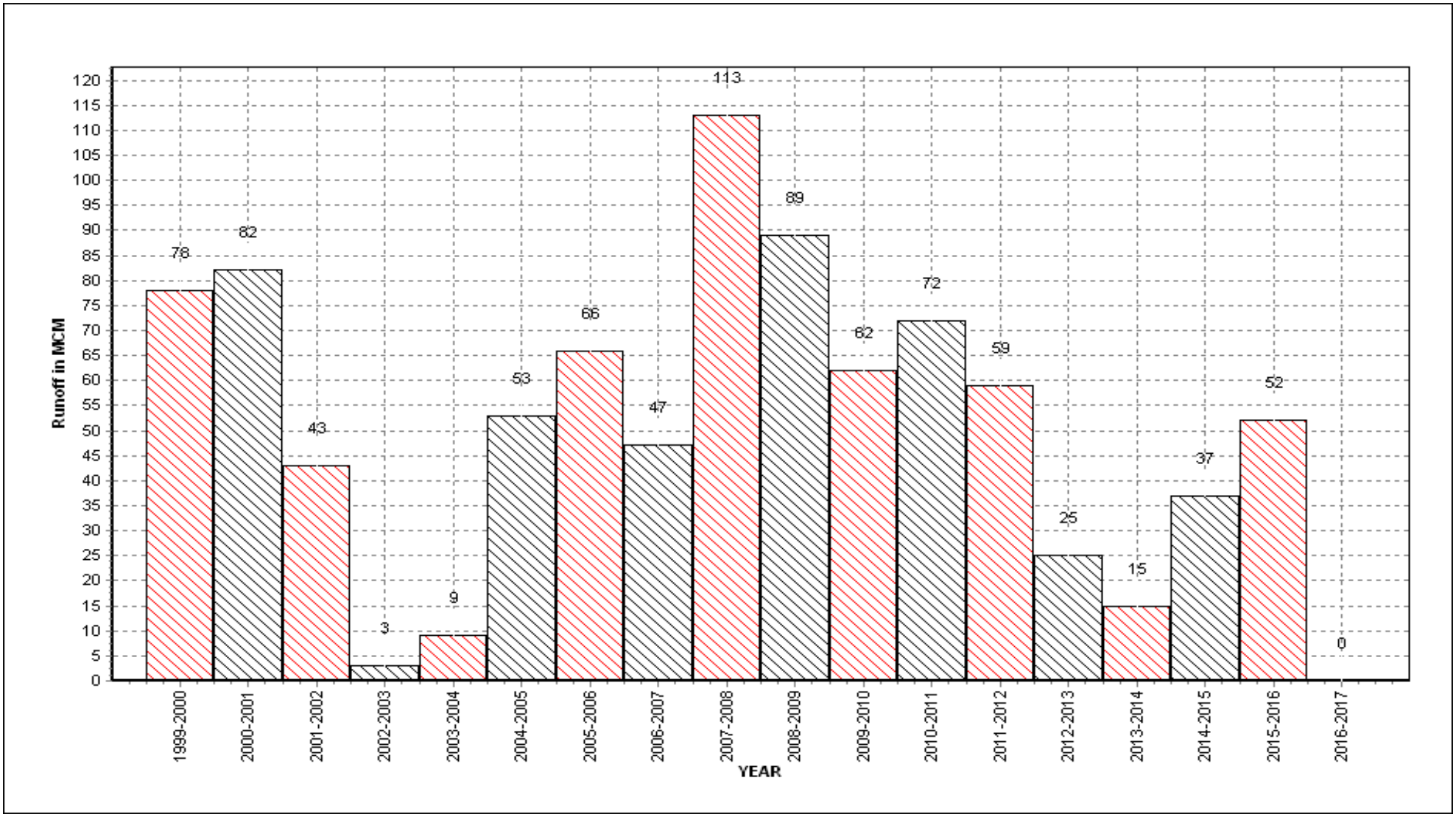
Station Name : Gopurajapuram (CCA32D2)
Data considered : 1999-2017
Division : Hydrology Division, Chennai
Local River : Puravadaiyanar
Sub-Division : Cauvery Delta SD, Karaikal



Annual Runoff Values for the period: 1999 - 2017

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

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

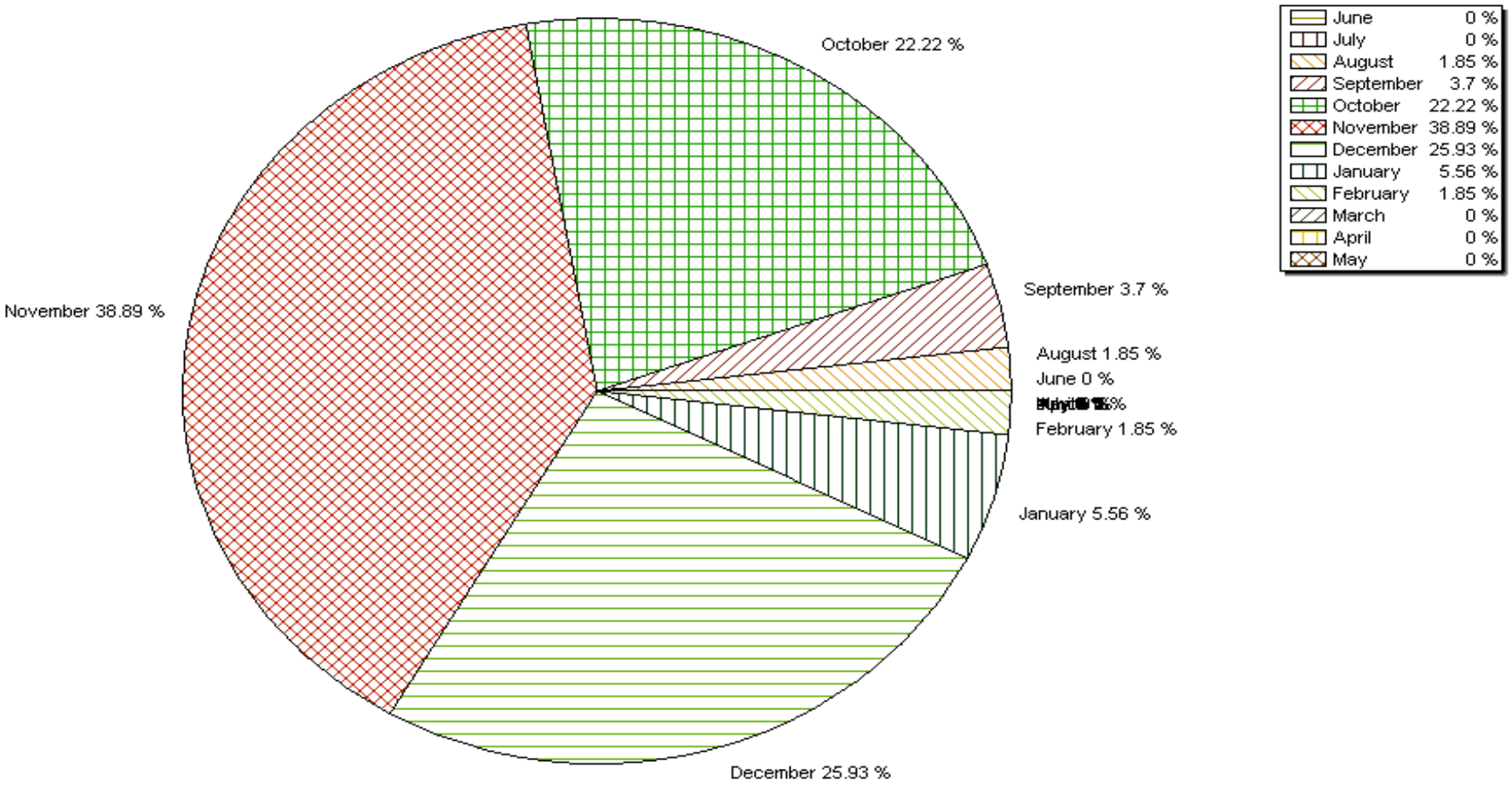


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2016

Station Name : Gopurajapuram (CCA32D2)
Local River : Puravadaiyanar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



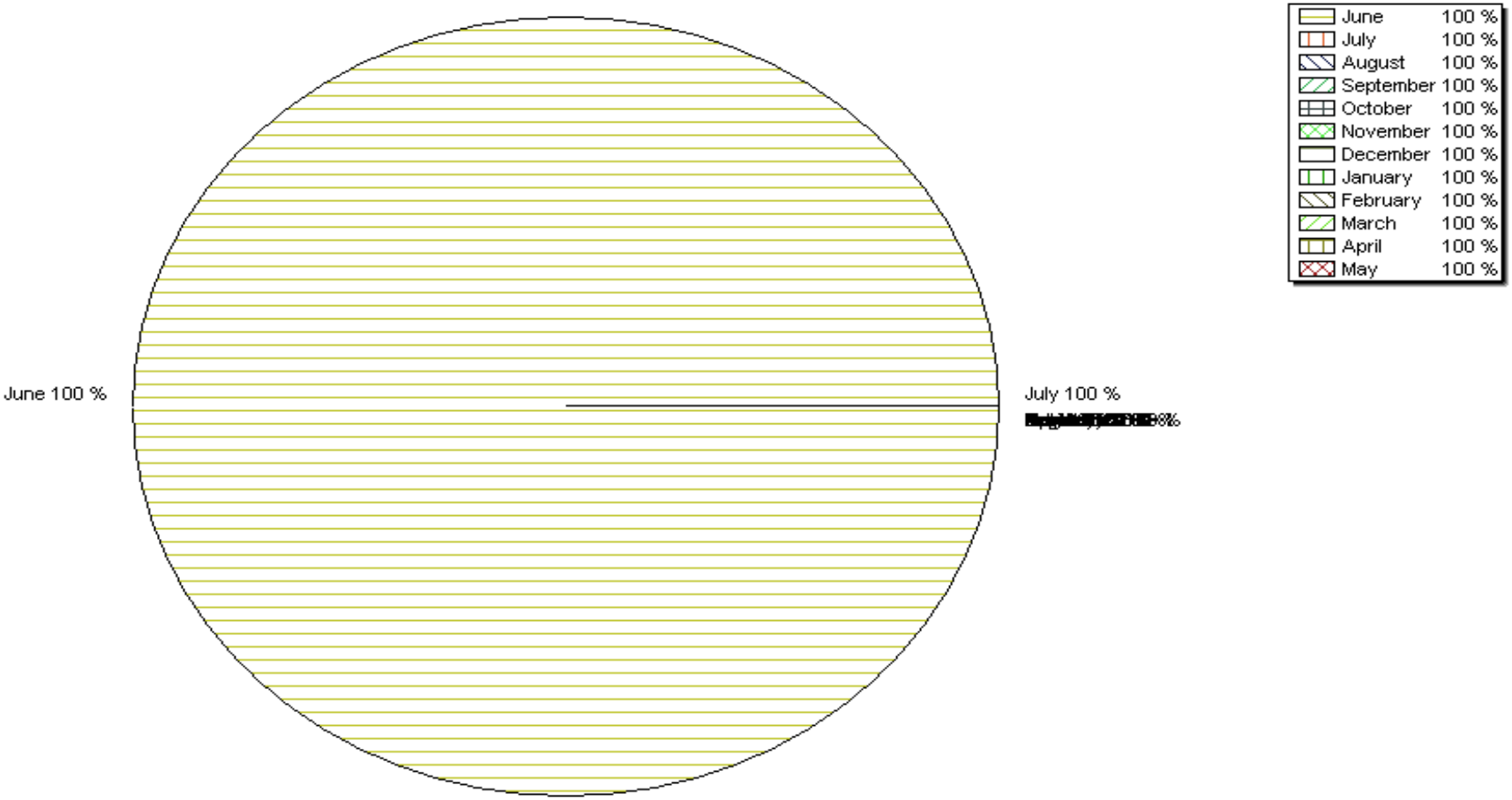
Monthly Runoff for the Year : 2016-2017

Station Name : Gopurajapuram (CCA32D2)

Local River : Puravadaiyanar

Division : Hydrology Division, Chennai

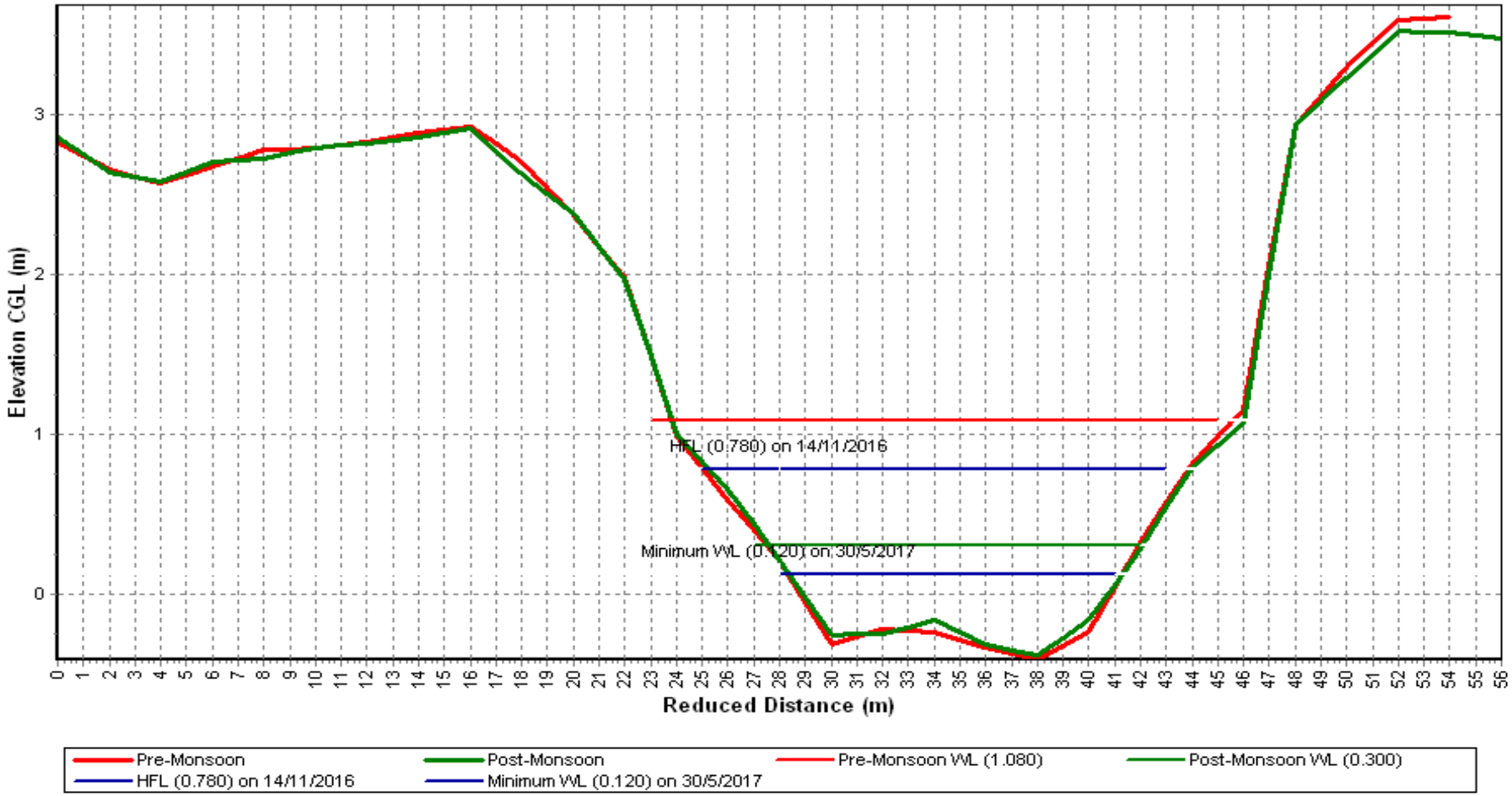
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

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



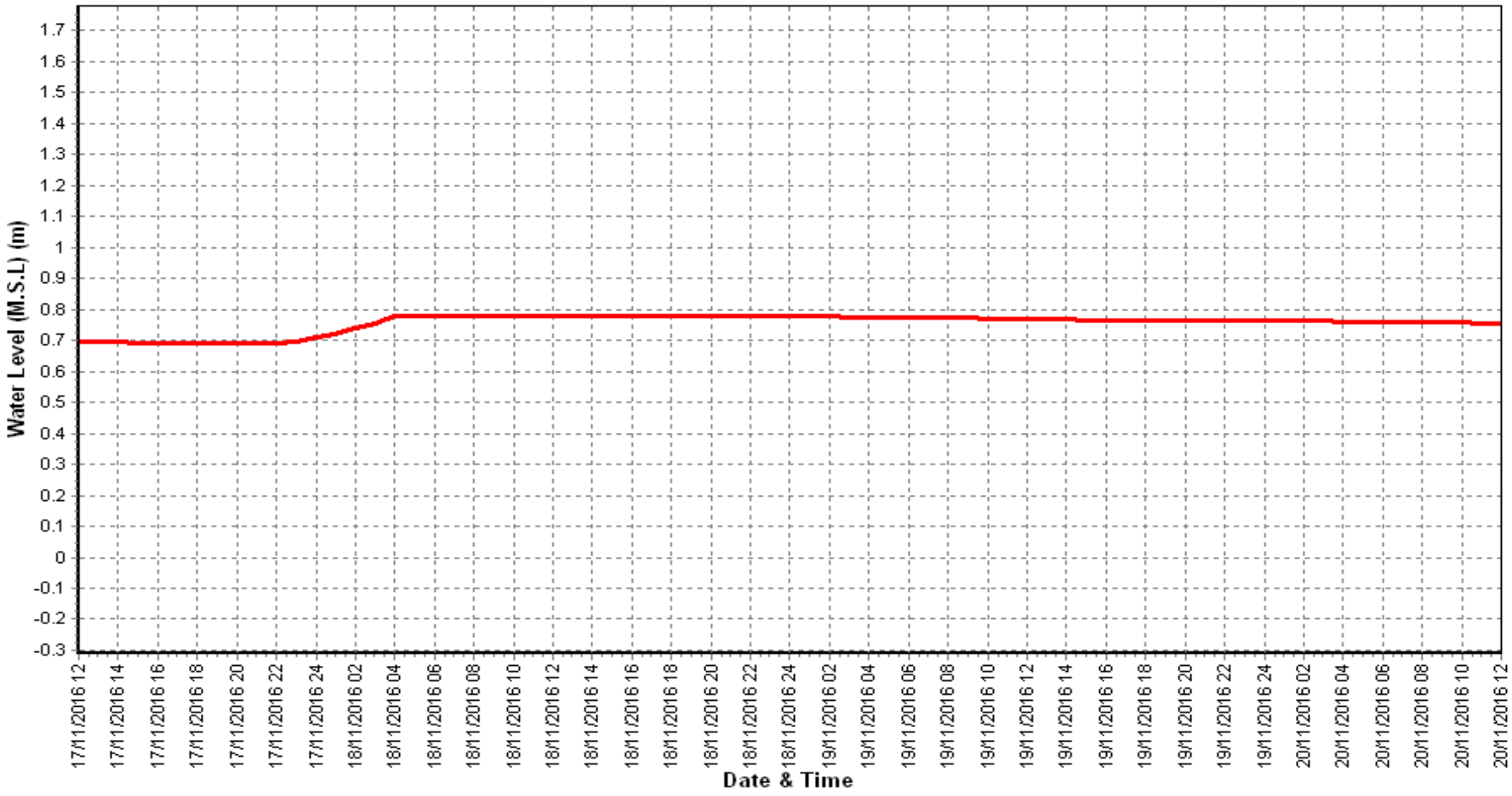
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Gopurajapuram (CCA32D2)

Local River : Puravadaiyanar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal

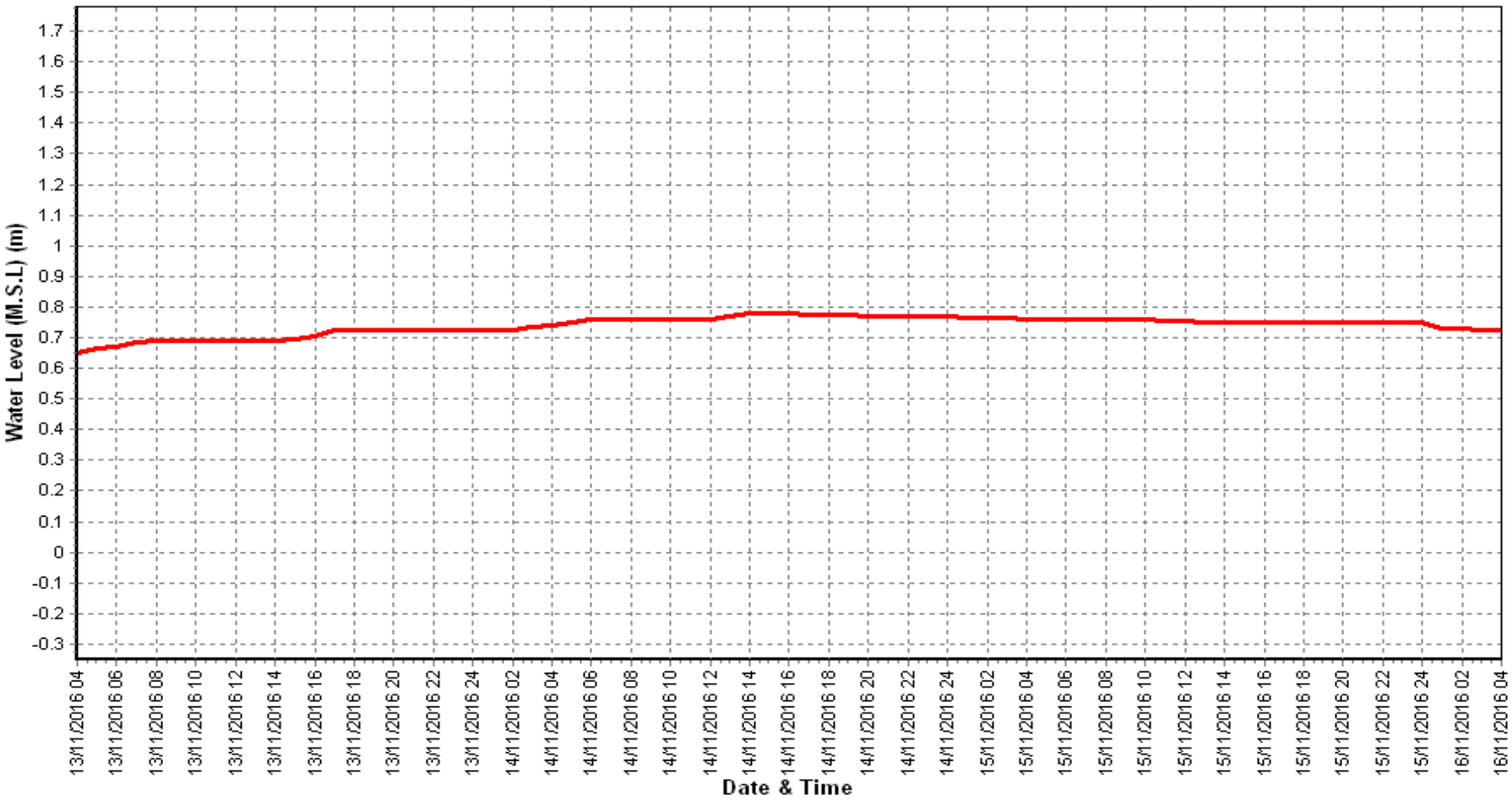


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

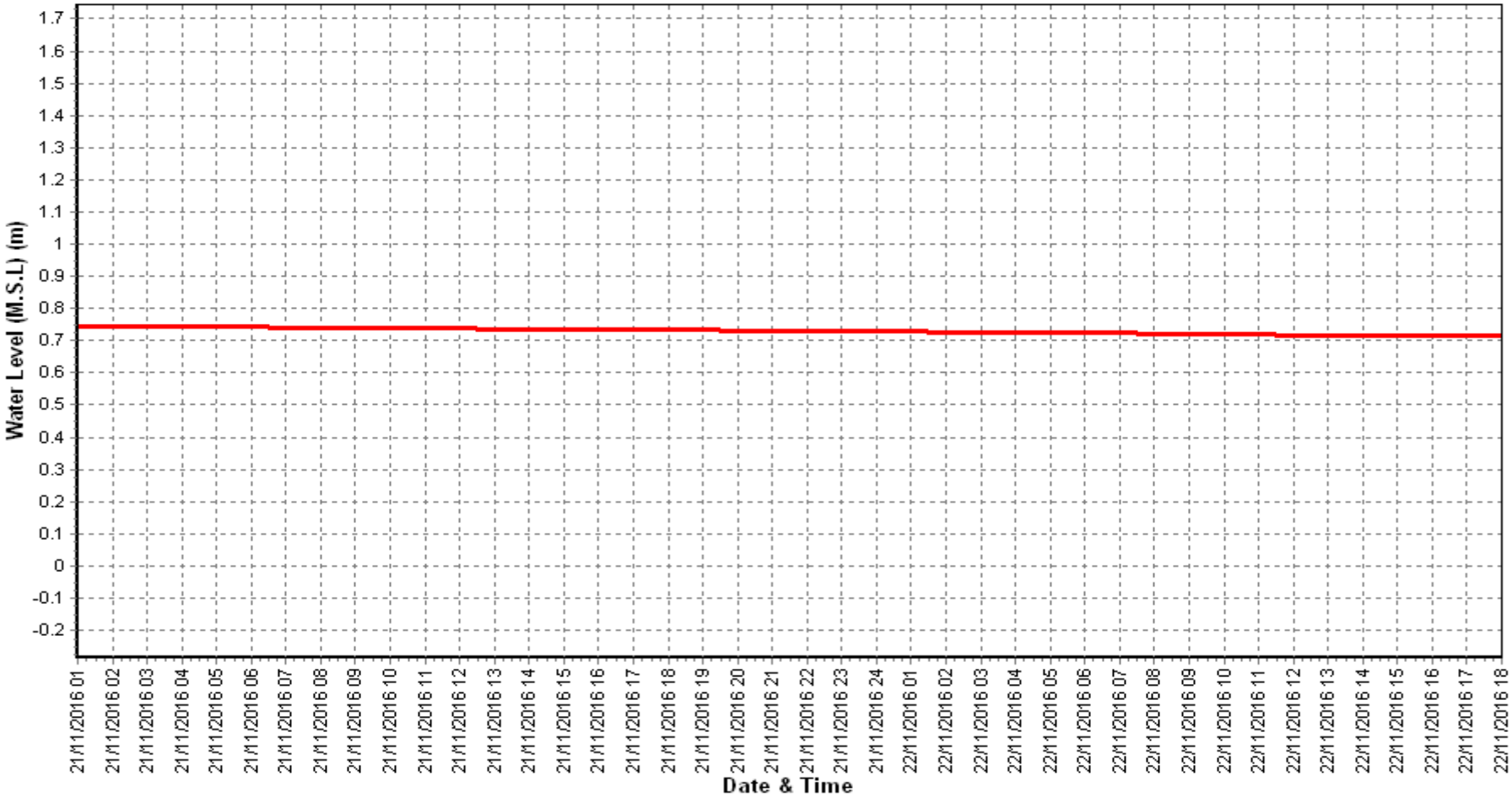


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Nattar **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		0.000
2		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
4		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
6		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
8		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
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		0.000
30		0.000		0.000		0.000		0.000		0.000		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		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.		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
Mean		0		0		0		0		0		0

Annual Runoff in MCM = 0 Annual Runoff in mm =

Peak Observed Discharge = 0.000 cumecs on 01/06/2016

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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

Local River : Nattar **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		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
3		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
5		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
7		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
9		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		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.		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
Mean		0		0		0		0		0		0

Q: Observed/Computed Discharge in cumecs

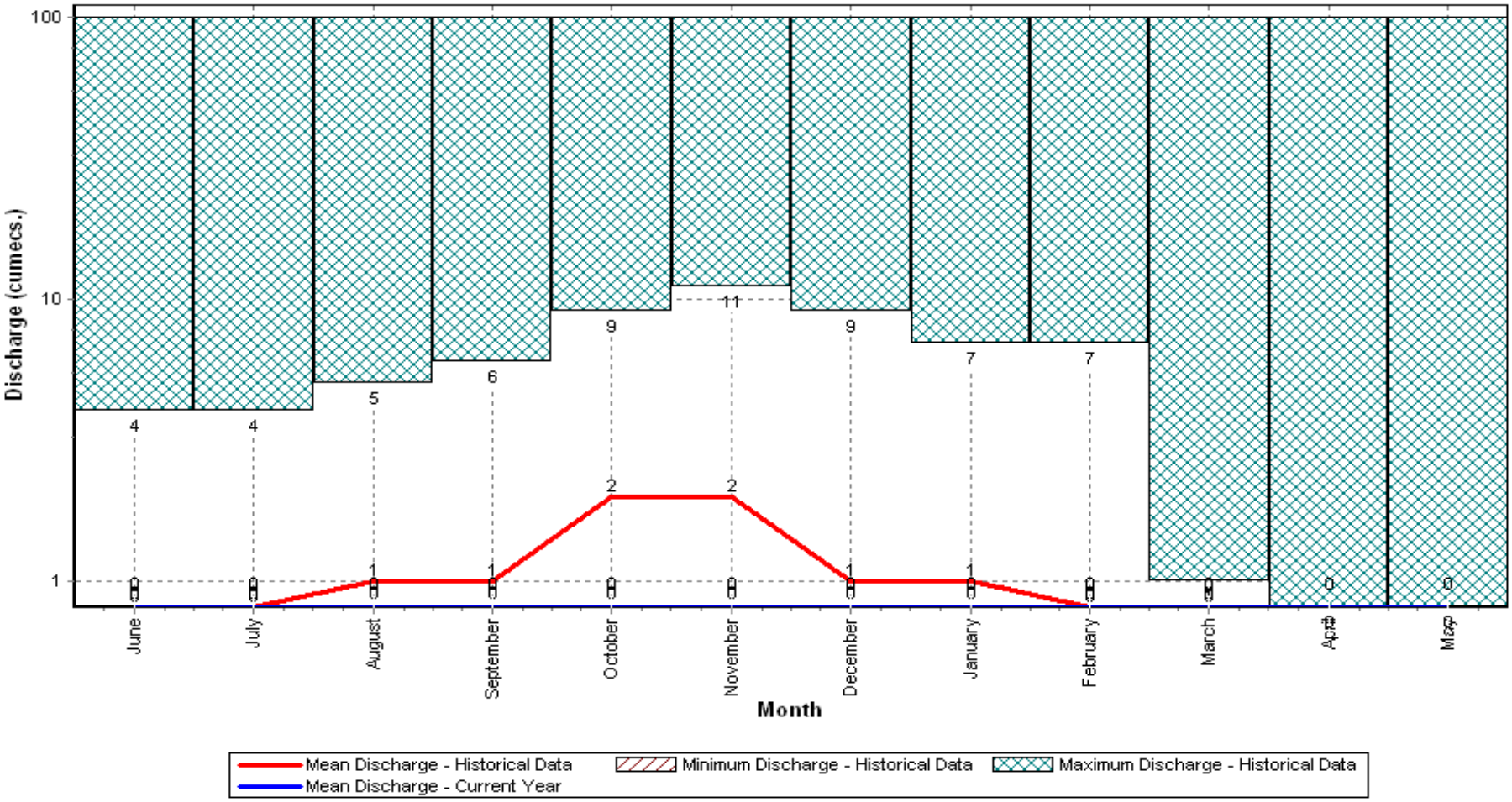
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : Annavasal (CCA21G5) | **Data considered : 1999-2017** | **Division : Hydrology Division, Chennai**

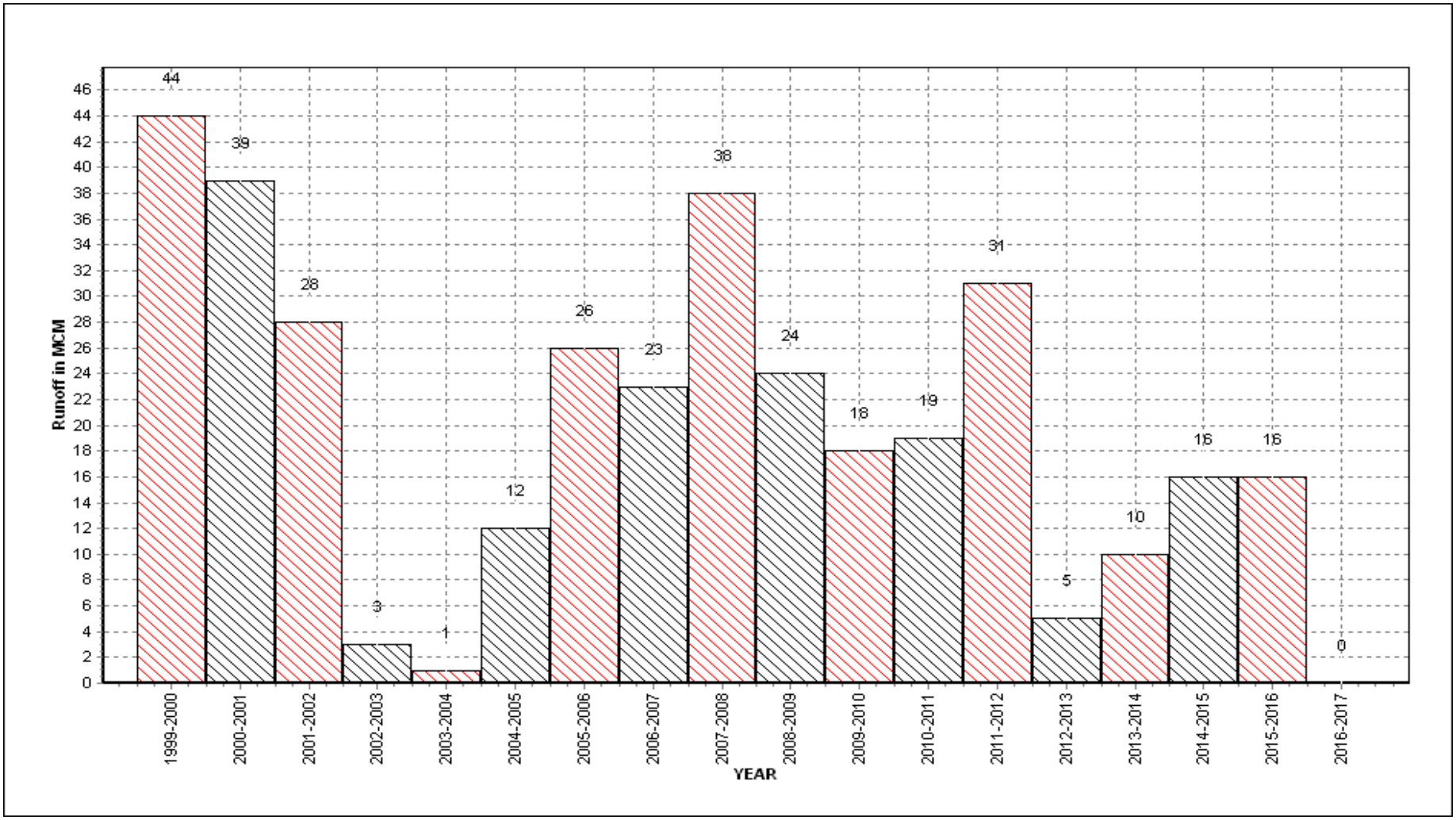
Local River : Nattar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2017

Station Name : Annavasal (CCA21G5)
Local River : Nattar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal

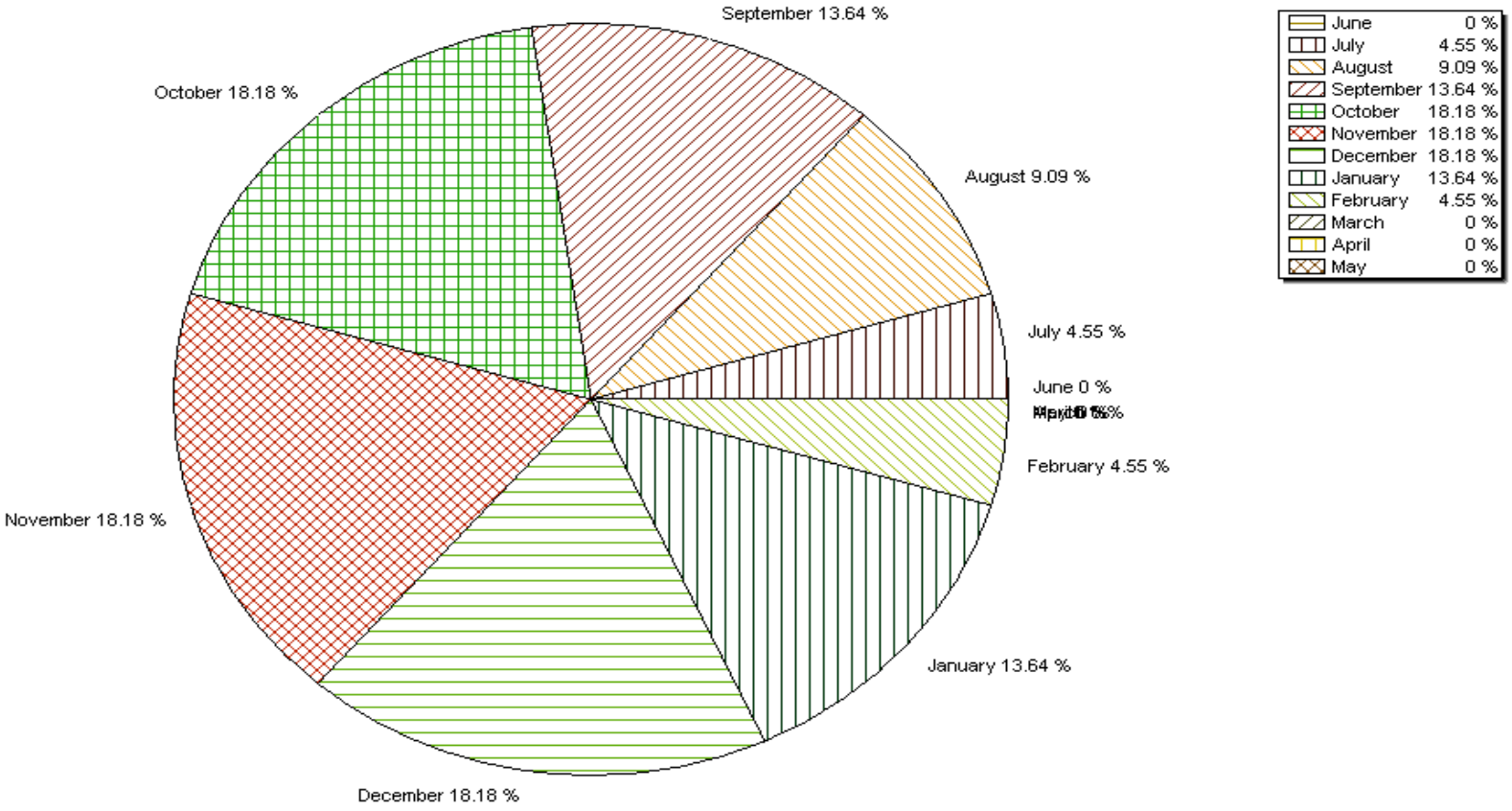


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2016

Station Name : Annavasal (CCA21G5)
Local River : Nattar

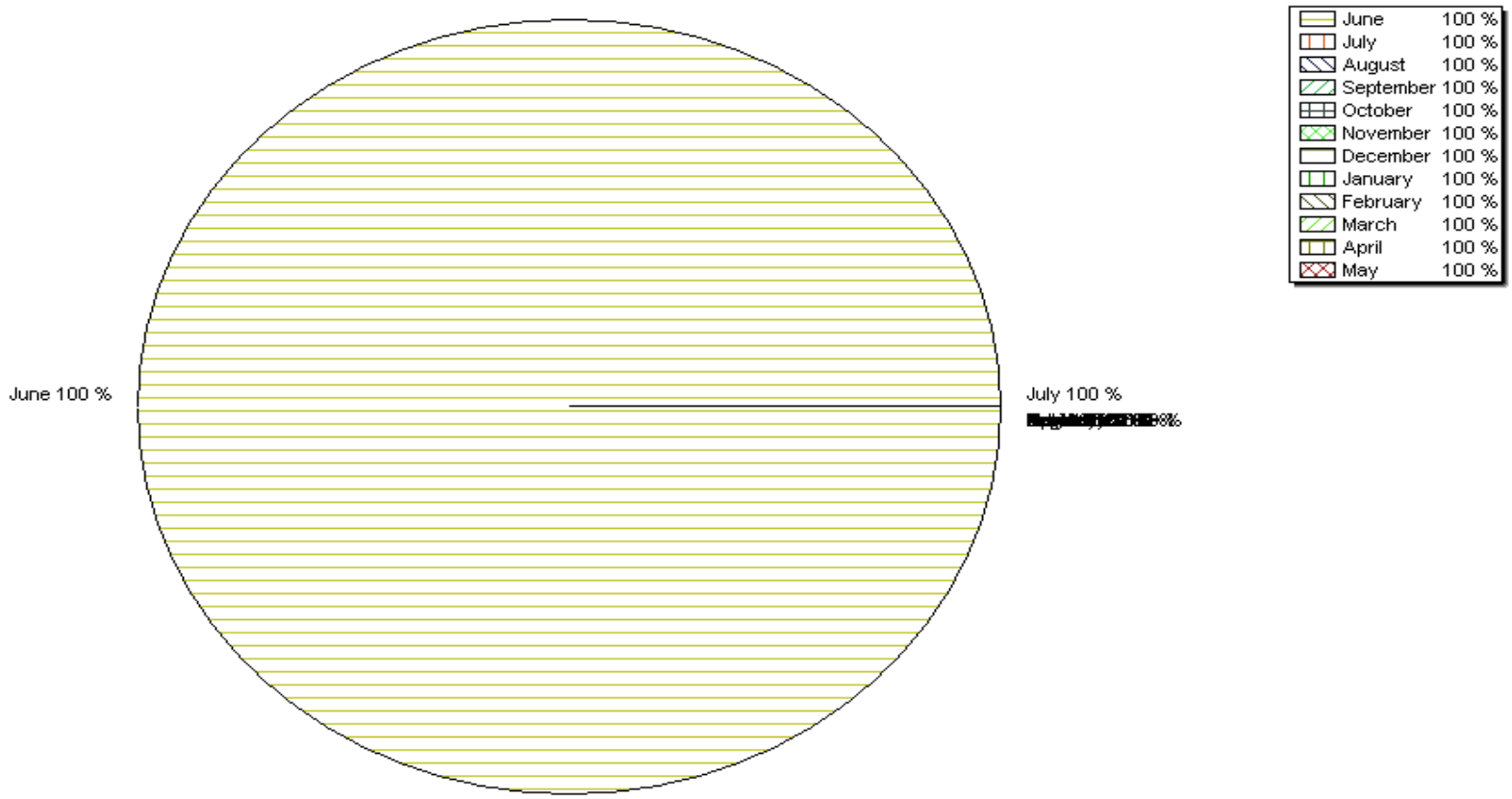
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Monthly Runoff for the Year : 2016-2017

Station Name : Annavasal (CCA21G5)
Local River : Nattar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



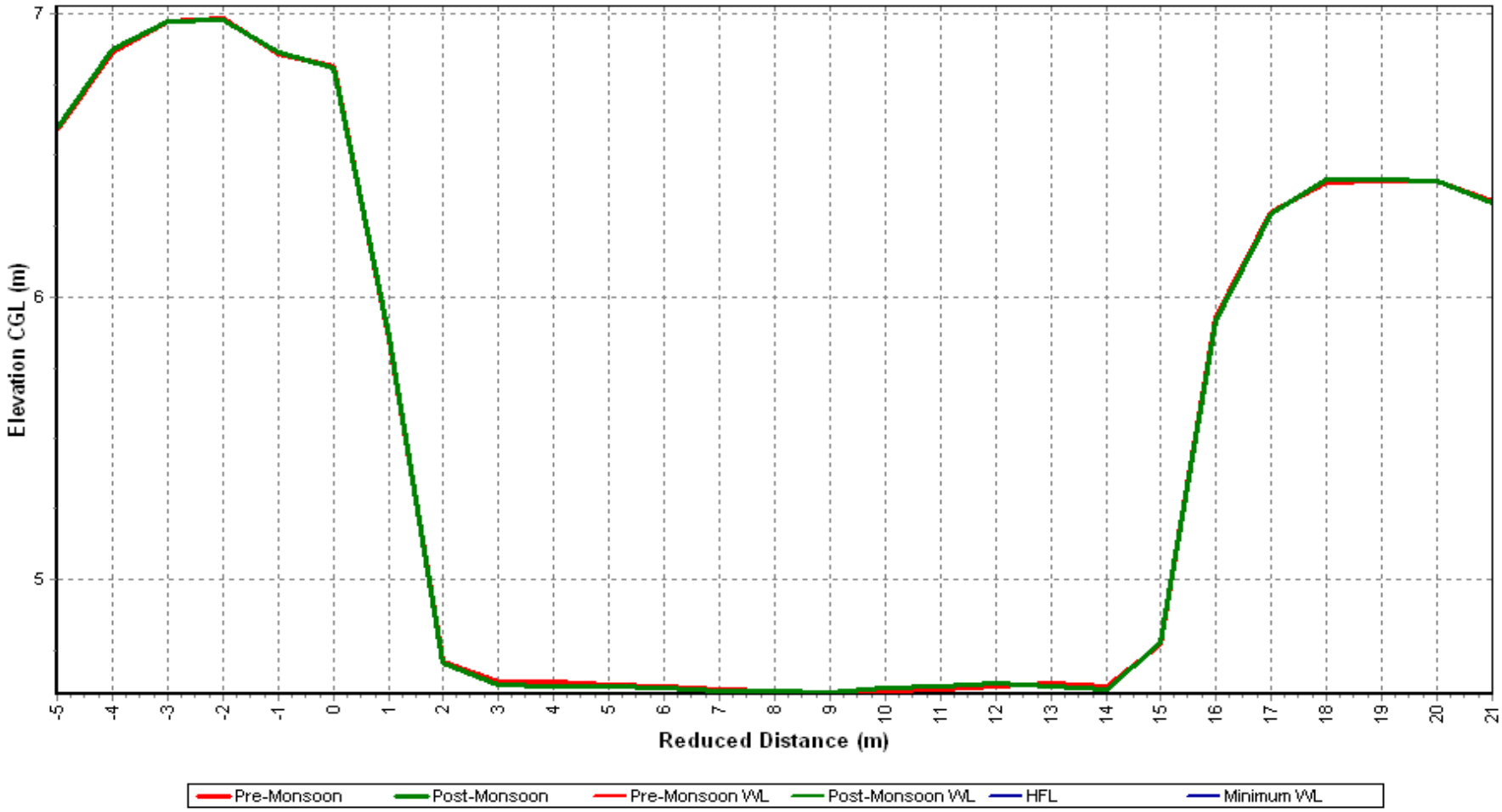
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Annavasal (CCA21G5)

Local River : Nattar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal



HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Nandalar **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	2.070	0.000		0.000		0.000	2.750	4.266 #	2.270	0.363	2.330	0.733
2	2.060	0.000		0.000		0.000	2.580	1.970	2.170	0.093 *	2.330	0.809
3	2.050	0.000		0.000		0.000	2.520	1.512	2.210	0.191 #	2.400	1.227
4	2.030	0.000		0.000		0.000	2.320	0.699 *	2.170	0.093 #	2.540	3.094
5	2.020	0.000		0.000		0.000	2.430	1.634 *	2.150	0.000	2.350	0.930
6	2.060	0.000		0.000		0.000	2.280	0.590	2.130	0.000	2.200	0.162 *
7	2.370	0.853 #		0.000		0.000	2.240	0.292 #	2.090	0.000	2.320	0.690
8	2.390	1.090		0.000		0.000	2.200	0.162 #	2.055	0.000	2.330	0.766
9	2.370	0.888		0.000		0.000	2.180	0.110	2.025	0.000	2.150	0.000
10	2.150	0.106		0.000		0.000	2.170	0.093 #	1.920	0.000	2.160	0.000
11	2.110	0.051		0.000		0.000	2.150	0.059 *	1.820	0.000	2.140	0.000
12	2.080	0.000		0.000		0.000	2.140	0.046	2.120	0.000	2.120	0.000
13	2.060	0.000		0.000		0.000	2.130	0.000	2.190	0.137 #	2.140	0.000
14	2.040	0.000		0.000		0.000	2.120	0.000	2.180	0.114 #	2.160	0.000
15	2.030	0.000		0.000		0.000	2.110	0.000	2.220	0.222 #	2.950	4.196
16	2.000	0.000		0.000		0.000	2.105	0.000	2.250	0.332 *	2.770	3.210
17	1.960	0.000		0.000		0.000	2.110	0.000	2.190	0.137 #	2.800	3.899
18	1.900	0.000		0.000		0.000	2.120	0.000	2.160	0.000	2.670	2.661 #
19	1.860	0.000		0.000		0.000	2.120	0.000	2.130	0.000	2.560	1.925 #
20	1.830	0.000		0.000		0.000	2.080	0.000	2.085	0.000	2.440	1.277 *
21	1.800	0.000		0.000		0.000	2.060	0.000	2.060	0.000	2.540	1.811 #
22	1.770	0.000		0.000		0.000	2.060	0.000	2.050	0.000	2.430	1.253
23	1.730	0.000		0.000		0.000	2.140	0.000	2.040	0.000	2.300	0.628
24	1.720	0.000		0.000		0.000	2.130	0.000	2.020	0.000	2.210	0.326 #
25	1.700	0.000		0.000		0.000	2.070	0.000	1.950	0.000	2.150	0.000
26	1.700	0.000		0.000		0.000	2.040	0.000	2.250	0.322 #	2.140	0.000
27		0.000		0.000		0.000	1.860	0.000	2.150	0.000	2.160	0.000
28		0.000		0.000		0.000	1.790	0.000	2.160	0.000	2.170	0.000
29		0.000		0.000		0.000	1.780	0.000	2.150	0.000	2.160	0.000
30		0.000		0.000	2.430	1.392	1.930	0.000	2.120	0.000	2.165	0.000
31				0.000	2.590	2.390			2.180	0.000		
Ten-Daily Mean												
I Ten-Daily	2.157	0.294		0.000		0.000	2.367	1.133	2.119	0.074	2.311	0.841
II Ten-Daily	1.987	0.005		0.000		0.000	2.118	0.010	2.135	0.094	2.475	1.717
III Ten-Daily	1.737	0.000		0.000	2.510	0.344	1.986	0.000	2.103	0.029	2.243	0.402
Monthly												
Min.	1.700	0.000		0.000	2.430	0.000	1.780	0.000	1.820	0.000	2.120	0.000
Max.	2.390	1.090		0.000	2.590	2.390	2.750	4.266	2.270	0.363	2.950	4.196
Mean	1.995	0.1		0	2.510	0.122	2.157	0.381	2.118	0.065	2.343	0.987

Annual Runoff in MCM = 12 Annual Runoff in mm =

Peak Observed Discharge = 15.67 cumecs on 28/01/2017 Corres. Water Level :3.13 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :2.07 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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Nandalar **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	2.165	0.000	2.390	1.484	2.770	4.003	2.105	0.000		0.000		0.000
2	2.180	0.000	2.350	0.698 #	2.690	0.000	2.100	0.000		0.000		0.000
3	2.175	0.000	2.340	0.531	2.770	0.000	2.090	0.000		0.000		0.000
4	2.180	0.000	2.310	0.467	2.790	0.000	2.090	0.000		0.000		0.000
5	2.180	0.000	2.300	0.358 #	2.690	0.000	2.200	0.000		0.000		0.000
6	2.165	0.000	2.250	0.094	2.510	0.000	2.510	2.998		0.000		0.000
7	2.155	0.000	2.200	0.140 #	2.410	0.000	2.460	2.477		0.000		0.000
8	2.160	0.000	2.190	0.017 *	2.350	0.618	2.305	0.375 #		0.000		0.000
9	2.155	0.000	2.185	0.012 #	2.280	0.118	2.240	0.062		0.000		0.000
10	2.150	0.000	2.185	0.014	2.230	0.061	2.230	0.042		0.000		0.000
11	2.150	0.000	2.180	0.012	2.195	0.053	2.210	0.000		0.000		0.000
12	2.140	0.000	2.180	0.011	2.180	0.000	2.190	0.000		0.000		0.000
13	2.135	0.000	2.175	0.000	2.170	0.000	2.180	0.000		0.000		0.000
14	2.140	0.000	2.175	0.000	2.165	0.000	2.160	0.000		0.000		0.000
15	2.155	0.000	2.160	0.000	2.160	0.000	2.150	0.000		0.000		0.000
16	2.150	0.000	2.160	0.000	2.140	0.000	2.150	0.000		0.000		0.000
17	2.130	0.000	2.160	0.000	2.135	0.000	2.145	0.000		0.000		0.000
18	2.120	0.000	2.160	0.000	2.130	0.000	2.140	0.000		0.000		0.000
19	2.100	0.000	2.155	0.000	2.130	0.000	2.140	0.000		0.000		0.000
20	2.100	0.000	2.150	0.000	2.130	0.000	2.140	0.000		0.000		0.000
21	2.100	0.000	2.150	0.000	2.130	0.000	2.140	0.000		0.000		0.000
22	2.105	0.000	2.275	0.235 *	2.125	0.000	2.135	0.000		0.000		0.000
23	2.100	0.000	3.350	3.099	2.120	0.000	2.120	0.000		0.000		0.000
24	2.095	0.000	3.170	2.428	2.120	0.000	2.085	0.000		0.000		0.000
25	2.090	0.000	3.050	7.286 *	2.110	0.000	2.070	0.000		0.000		0.000
26	2.080	0.000	2.410	0.899 *	2.110	0.000	2.080	0.000		0.000		0.000
27	2.080	0.000	2.760	13.78	2.110	0.000	2.090	0.000		0.000		0.000
28	2.100	0.000	3.130	15.67	2.110	0.000	2.090	0.000		0.000		0.000
29	2.180	0.000	3.140	8.489 *			2.090	0.000		0.000		0.000
30	2.450	1.923	3.190	10.09			2.080	0.000		0.000		0.000
31	2.430	1.484	3.210	8.183			2.080	0.000				0.000
Ten-Daily Mean												
I Ten-Daily	2.167	0.000	2.270	0.381	2.549	0.480	2.233	0.595		0.000		0.000
II Ten-Daily	2.132	0.000	2.166	0.002	2.154	0.005	2.160	0.000		0.000		0.000
III Ten-Daily	2.165	0.310	2.894	6.378	2.117	0.000	2.096	0.000		0.000		0.000
Monthly												
Min.	2.080	0.000	2.150	0.000	2.110	0.000	2.070	0.000		0.000		0.000
Max.	2.450	1.923	3.350	15.67	2.790	4.003	2.510	2.998		0.000		0.000
Mean	2.155	0.11	2.458	2.387	2.284	0.173	2.161	0.192		0		0

Peak Computed Discharge = 8.489 cumecs on 29/01/2017 **Corres. Water Level :3.14 m**

Lowest Computed Discharge = 0.017 cumecs on 08/01/2017 **Corres. Water Level :2.19 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)

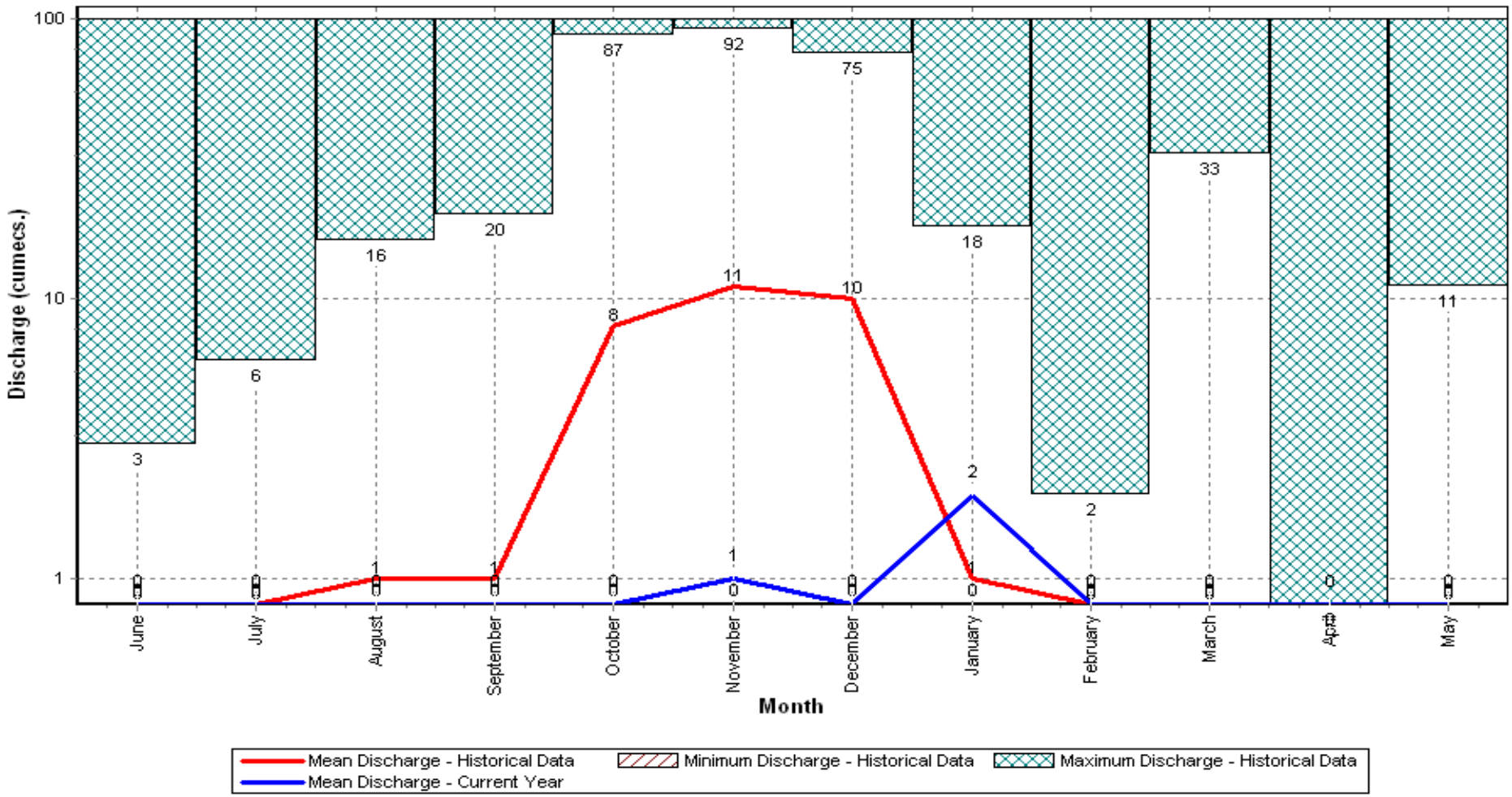
Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : Nallathur (CCA12G3)
Local River : Nandalar

Data considered : 2006-2017

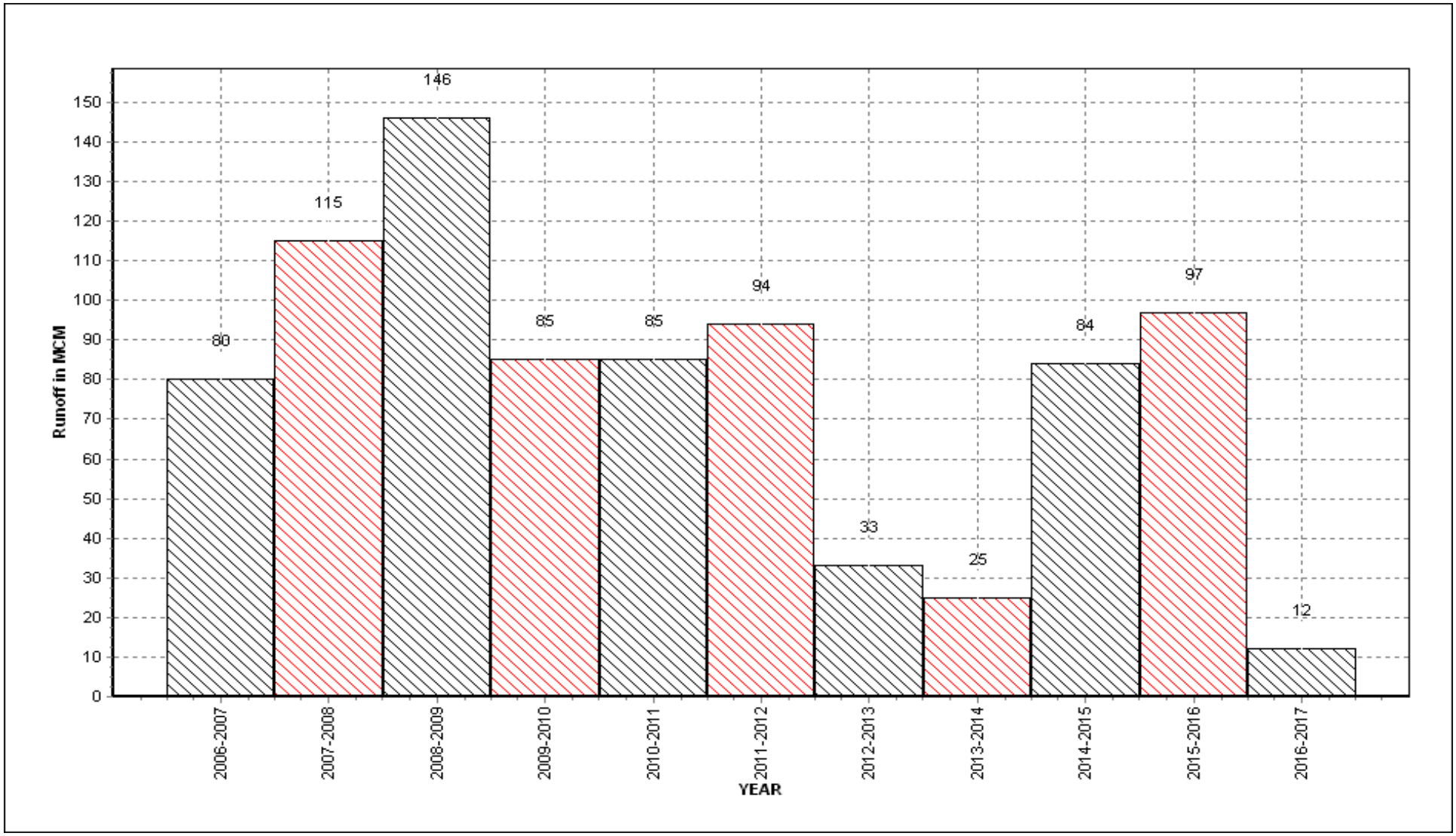
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Annual Runoff Values for the period: 2006 - 2017

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

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

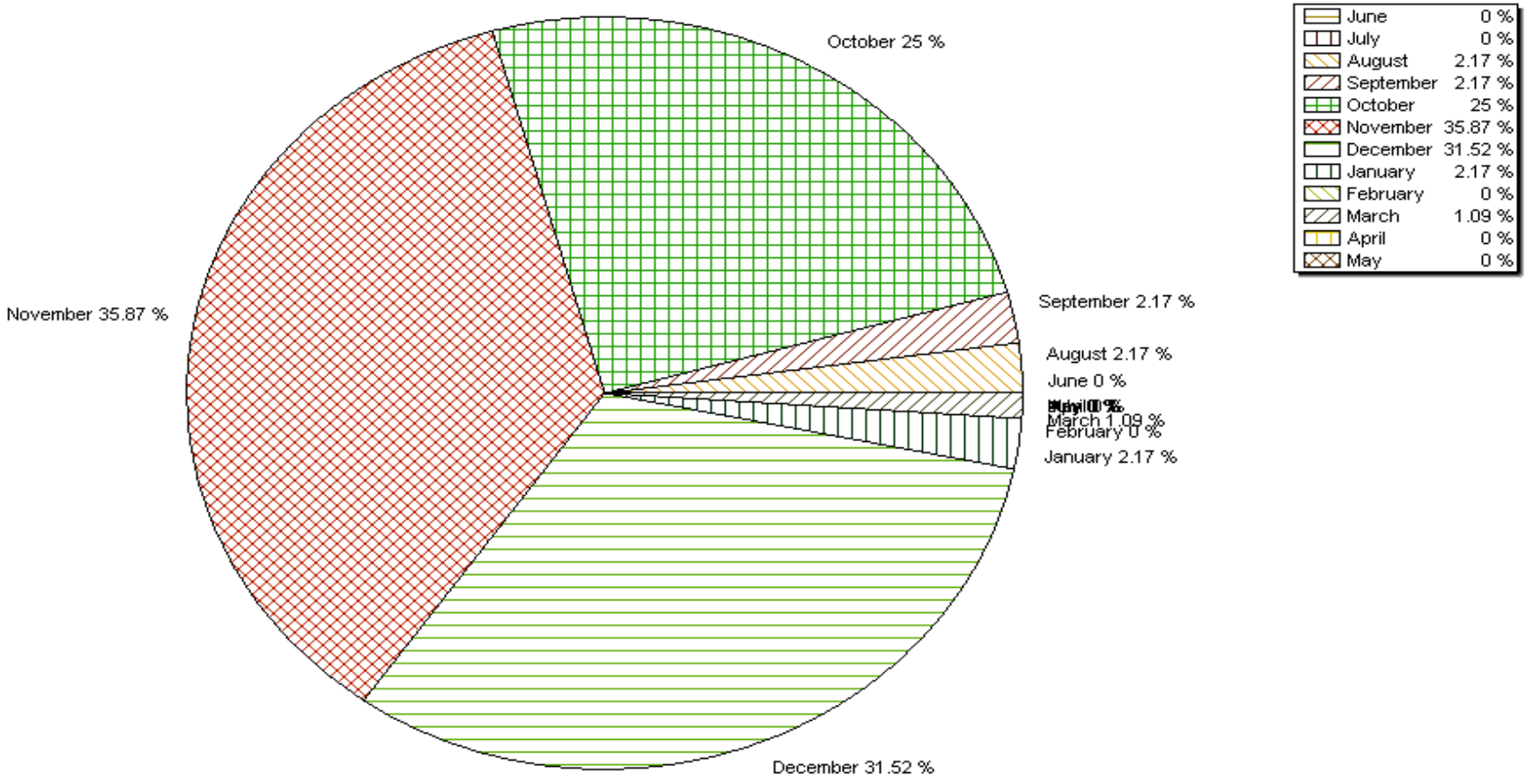


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2006-2016

Station Name : Nallathur (CCA12G3)
Local River : Nandalar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



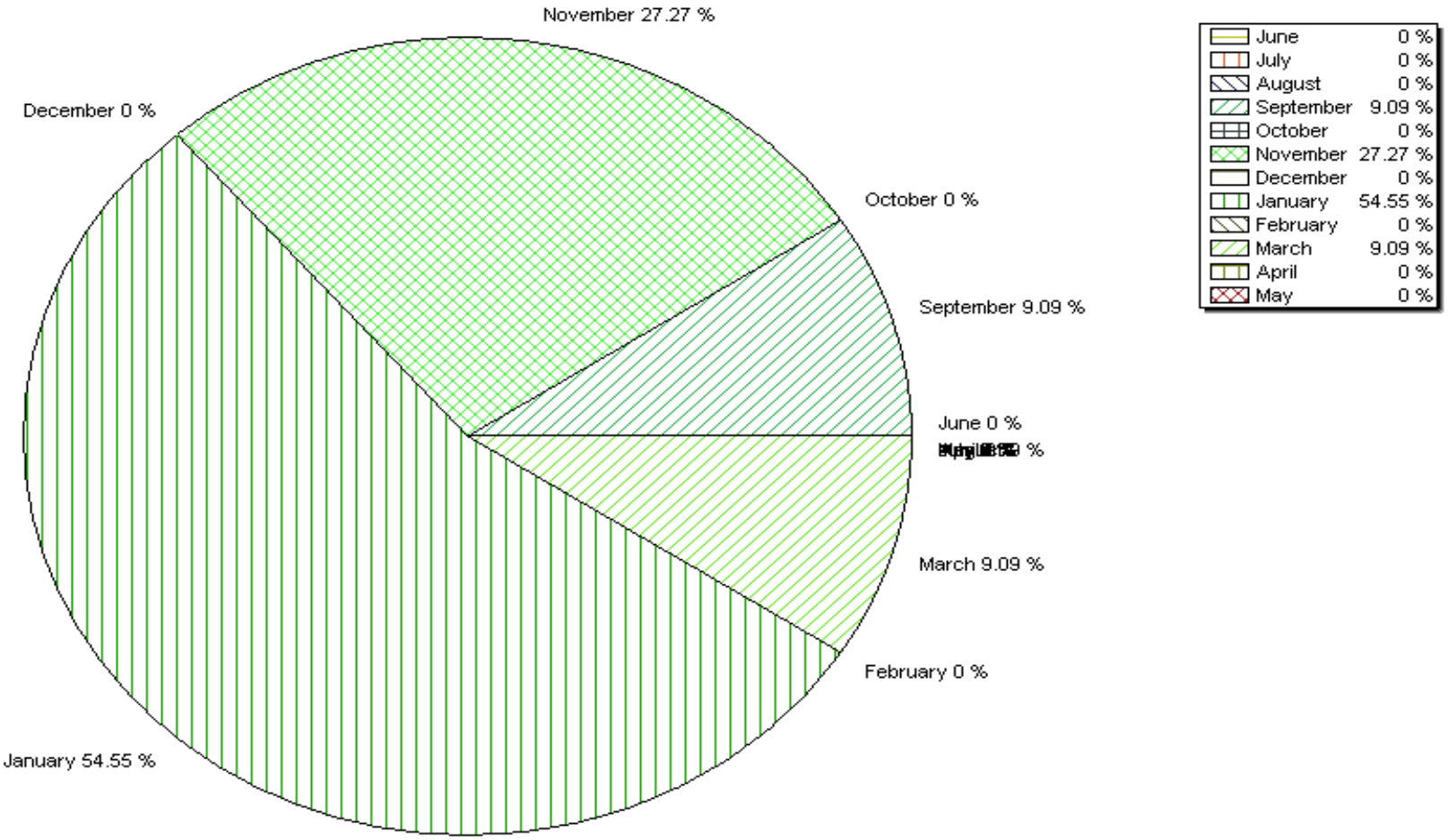
Monthly Runoff for the Year : 2016-2017

Station Name : Nallathur (CCA12G3)

Local River : Nandalar

Division : Hydrology Division, Chennai

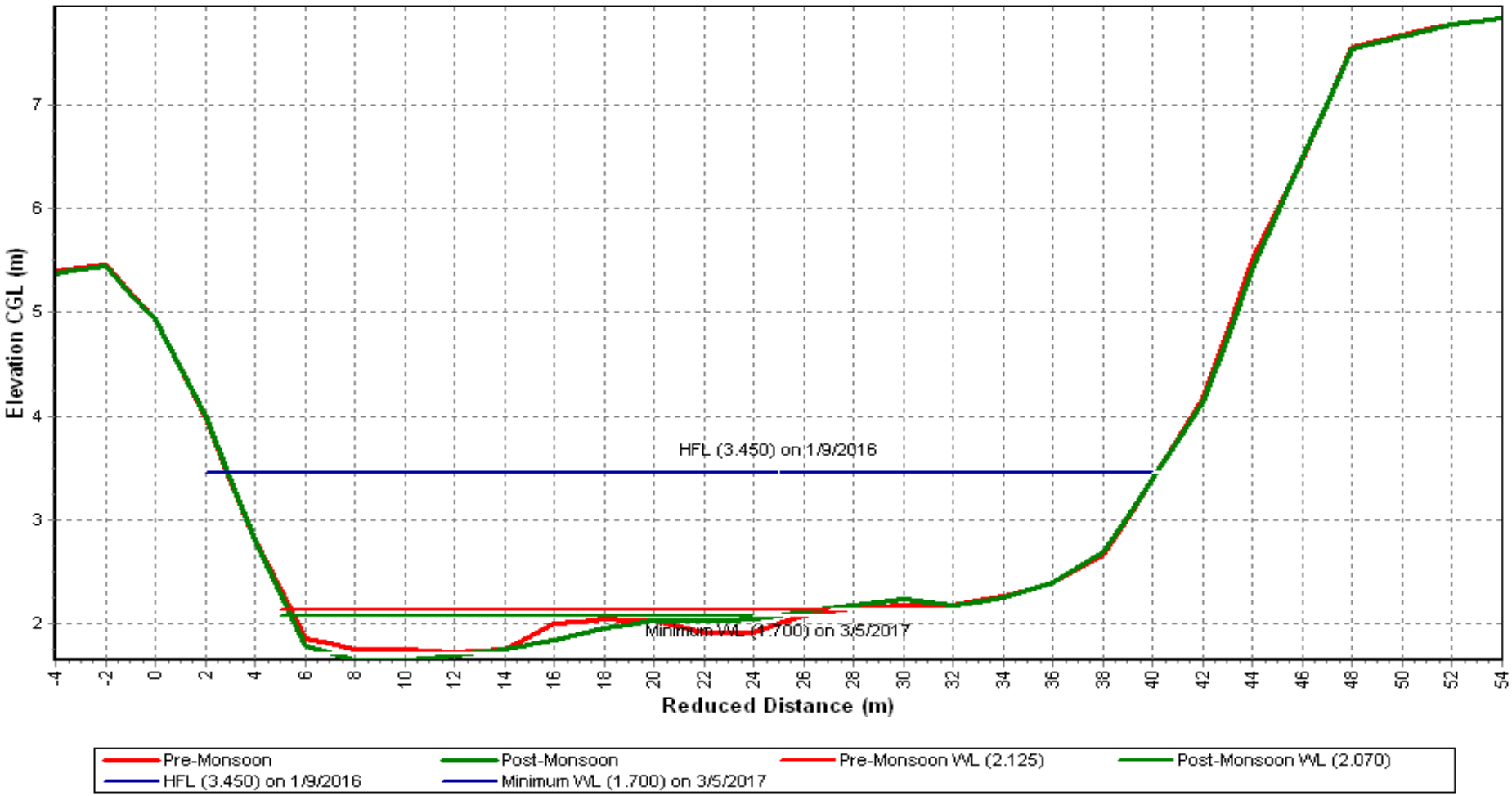
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

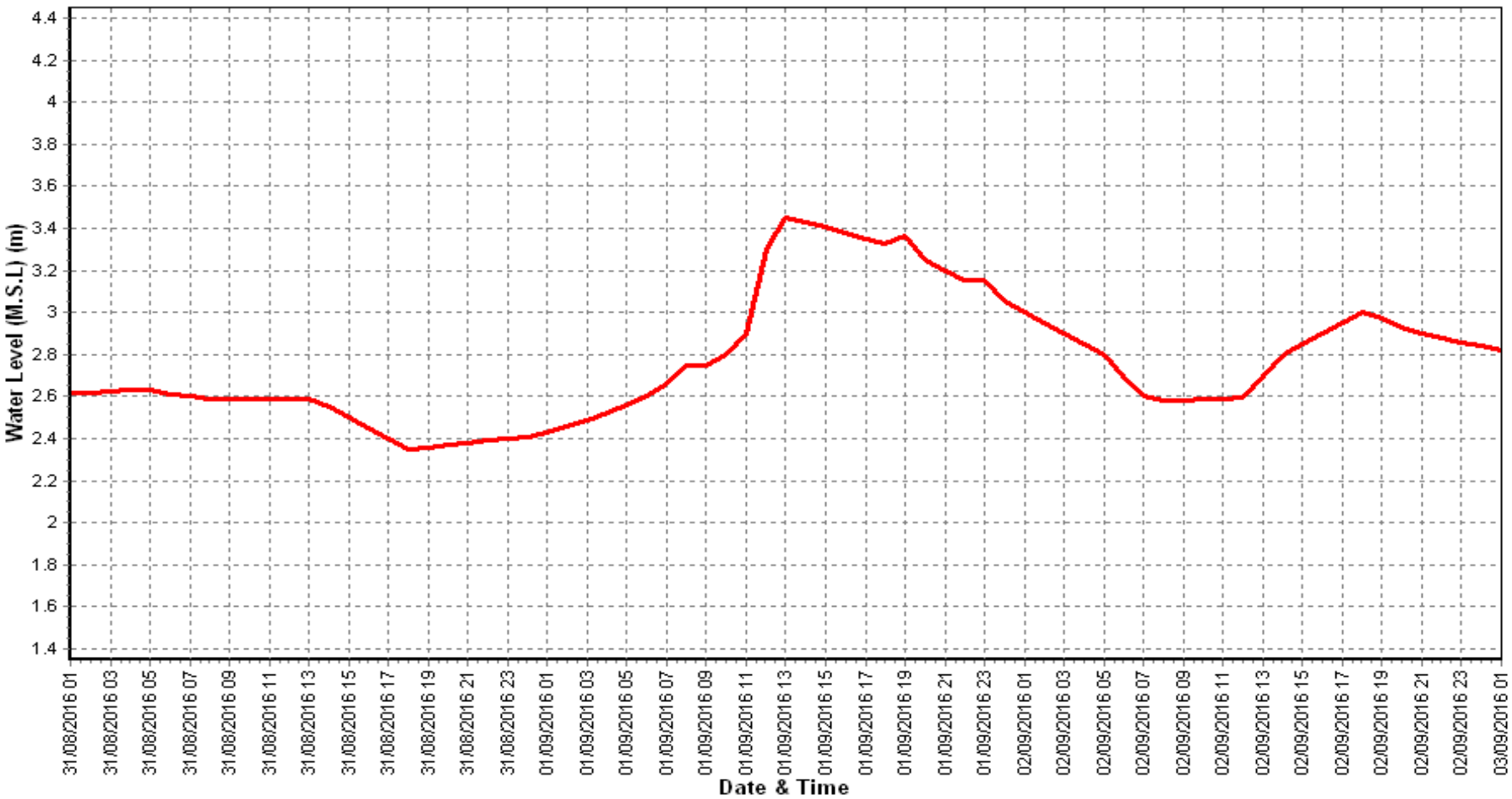
Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

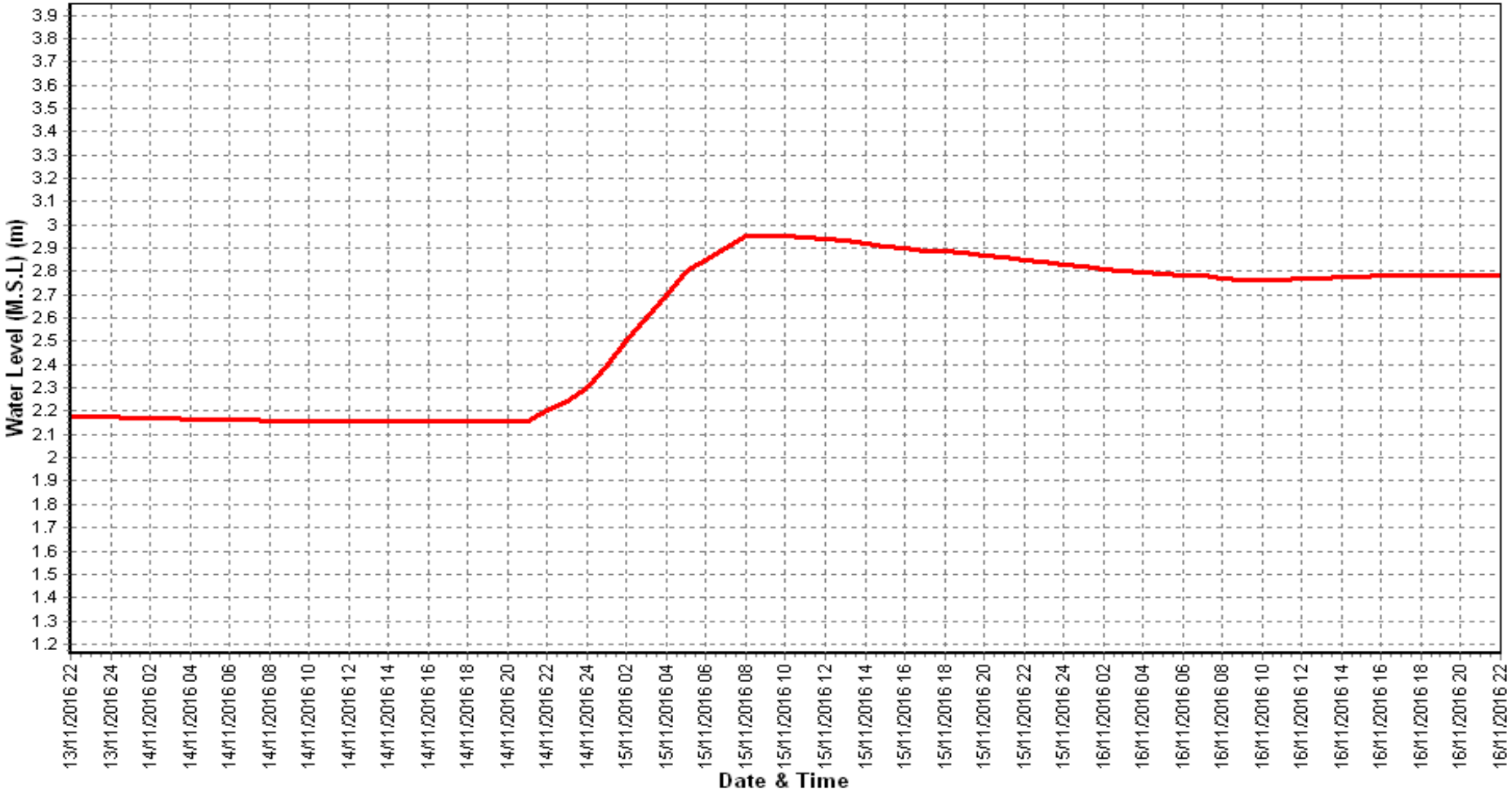


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

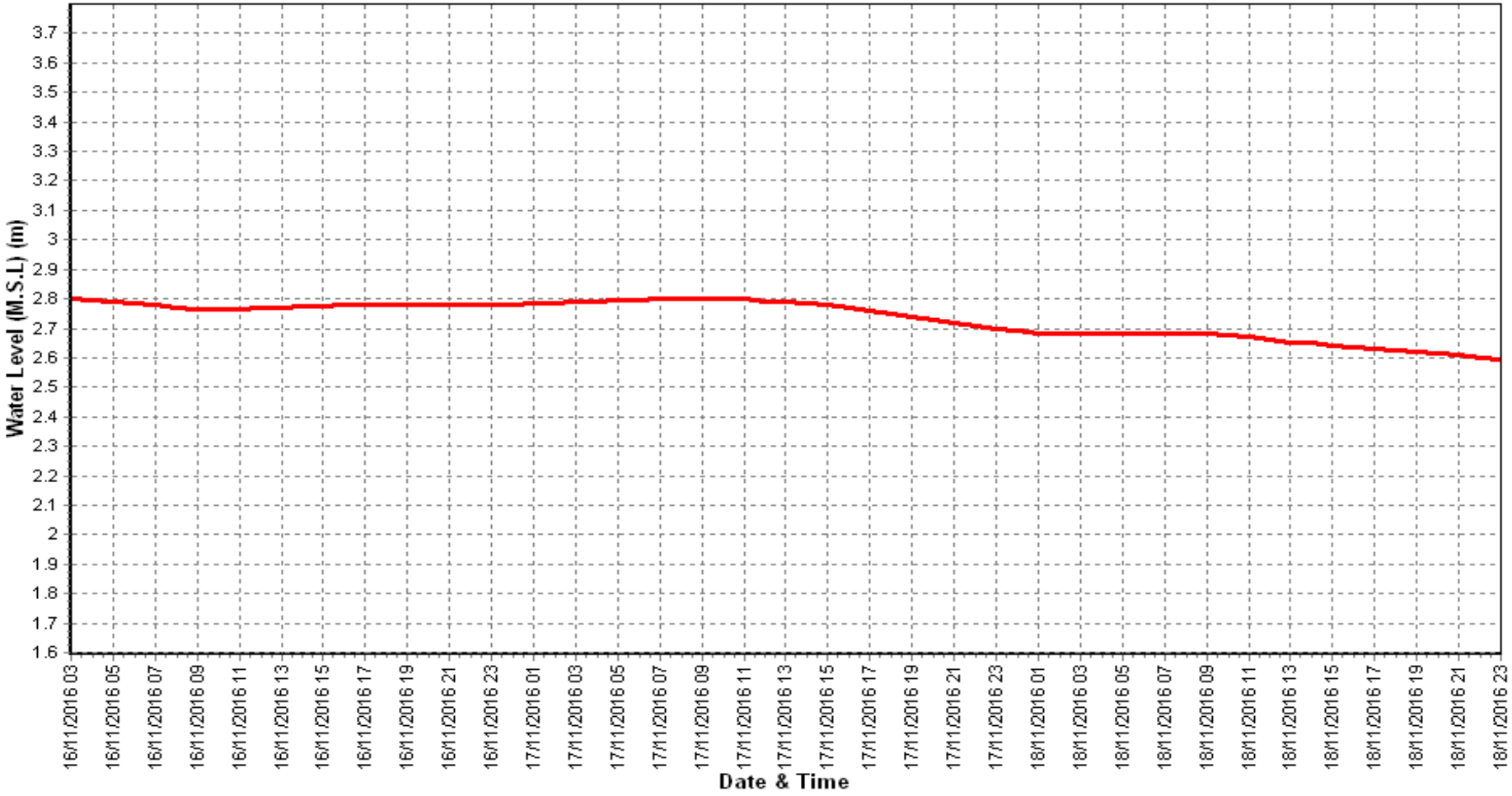


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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)

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Noolar **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		0.000
2		0.000		0.000		0.000	5.525	0.000		0.000		0.000
3		0.000		0.000		0.000	6.000	0.000		0.000		0.000
4		0.000		0.000		0.000	5.975	0.000		0.000		0.000
5		0.000		0.000		0.000	5.765	0.000		0.000		0.000
6		0.000		0.000		0.000	5.555	0.000		0.000		0.000
7		0.000		0.000		0.000	5.380	0.000		0.000		0.000
8		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
10		0.000		0.000		0.000		0.000		0.000		0.000
11		0.000		0.000		0.000		0.000	5.655	0.000		0.000
12		0.000		0.000		0.000		0.000	6.000	0.000		0.000
13		0.000		0.000		0.000		0.000	5.300	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
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	6.135	2.230		0.000
23		0.000		0.000		0.000		0.000	5.955	0.000		0.000
24		0.000		0.000		0.000		0.000	5.800	0.000		0.000
25		0.000		0.000		0.000		0.000	5.615	0.000		0.000
26		0.000		0.000		0.000		0.000	5.360	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		0.000
30		0.000		0.000		0.000		0.000		0.000		0.000
31				0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	5.700	0.000		0.000		0.000
II Ten-Daily		0.000		0.000		0.000		0.000	5.652	0.000		0.000
III Ten-Daily		0.000		0.000		0.000		0.000	5.773	0.203		0.000
Monthly												
Min.		0.000		0.000		0.000	5.380	0.000	5.300	0.000		0.000
Max.		0.000		0.000		0.000	6.000	0.000	6.135	2.230		0.000
Mean		0		0		0	5.700	0	5.727	0.074		0

Annual Runoff in MCM = 0 Annual Runoff in mm =

Peak Observed Discharge = 2.230 cumecs on 22/10/2016 Corres. Water Level :6.135 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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

Local River : Noolar **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		0.000		0.000	5.790	0.000		0.000		0.000		0.000
2		0.000		0.000	5.575	0.000		0.000		0.000		0.000
3		0.000		0.000	5.515	0.000		0.000		0.000		0.000
4		0.000		0.000	5.270	0.000		0.000		0.000		0.000
5		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
7		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
9		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	5.295	0.000		0.000		0.000		0.000		0.000
28		0.000	5.295	0.000		0.000		0.000		0.000		0.000
29		0.000	5.550	0.000				0.000		0.000		0.000
30		0.000	5.715	0.000				0.000		0.000		0.000
31		0.000	5.770	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	5.537	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	5.525	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.		0.000	5.295	0.000	5.270	0.000		0.000		0.000		0.000
Max.		0.000	5.770	0.000	5.790	0.000		0.000		0.000		0.000
Mean		0	5.525	0	5.537	0		0		0		0

Q: Observed/Computed Discharge in cumecs

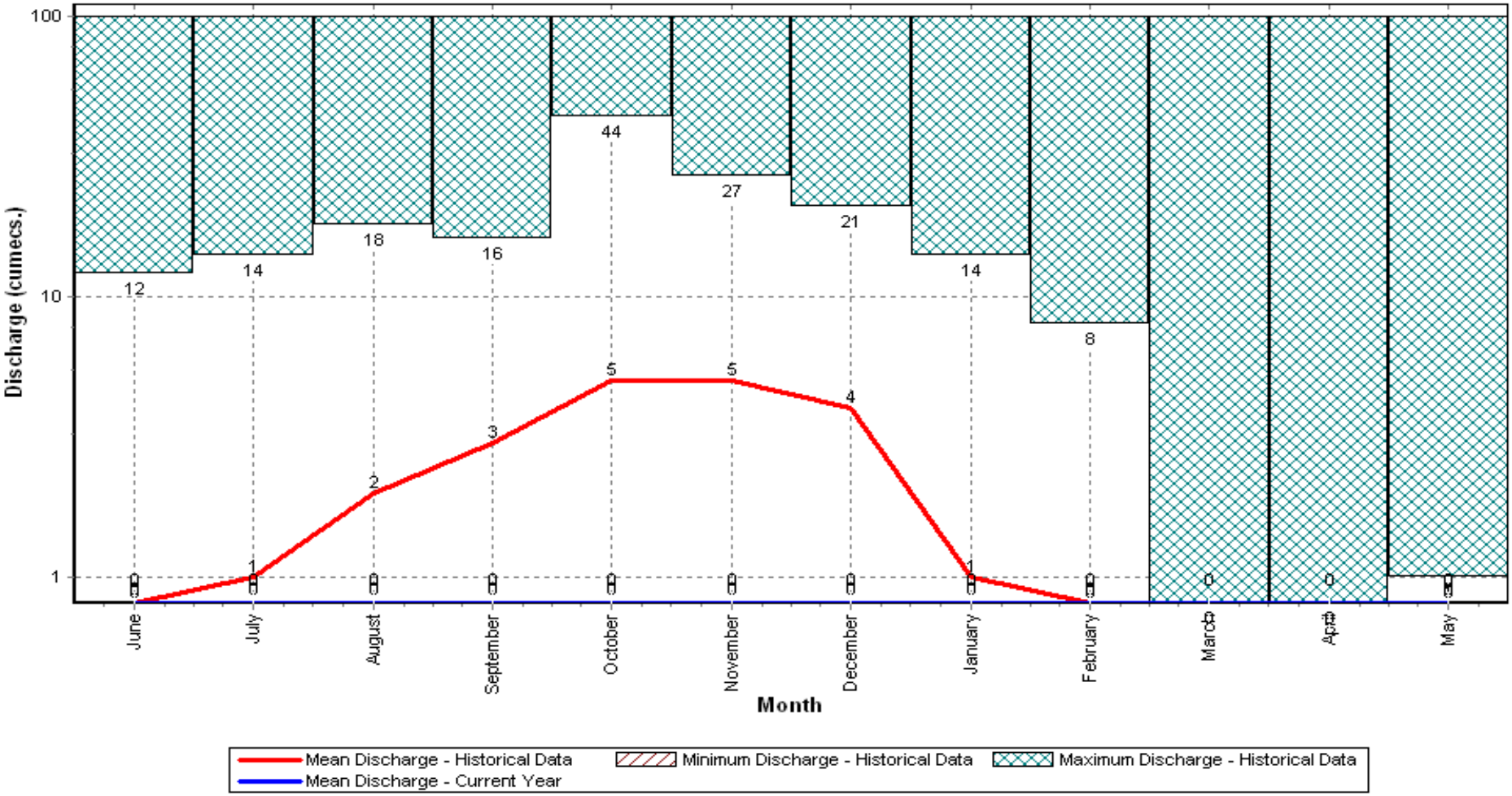
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : Menangudi (CCA23N4) | **Data considered : 1997-2017** | **Division : Hydrology Division, Chennai**

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



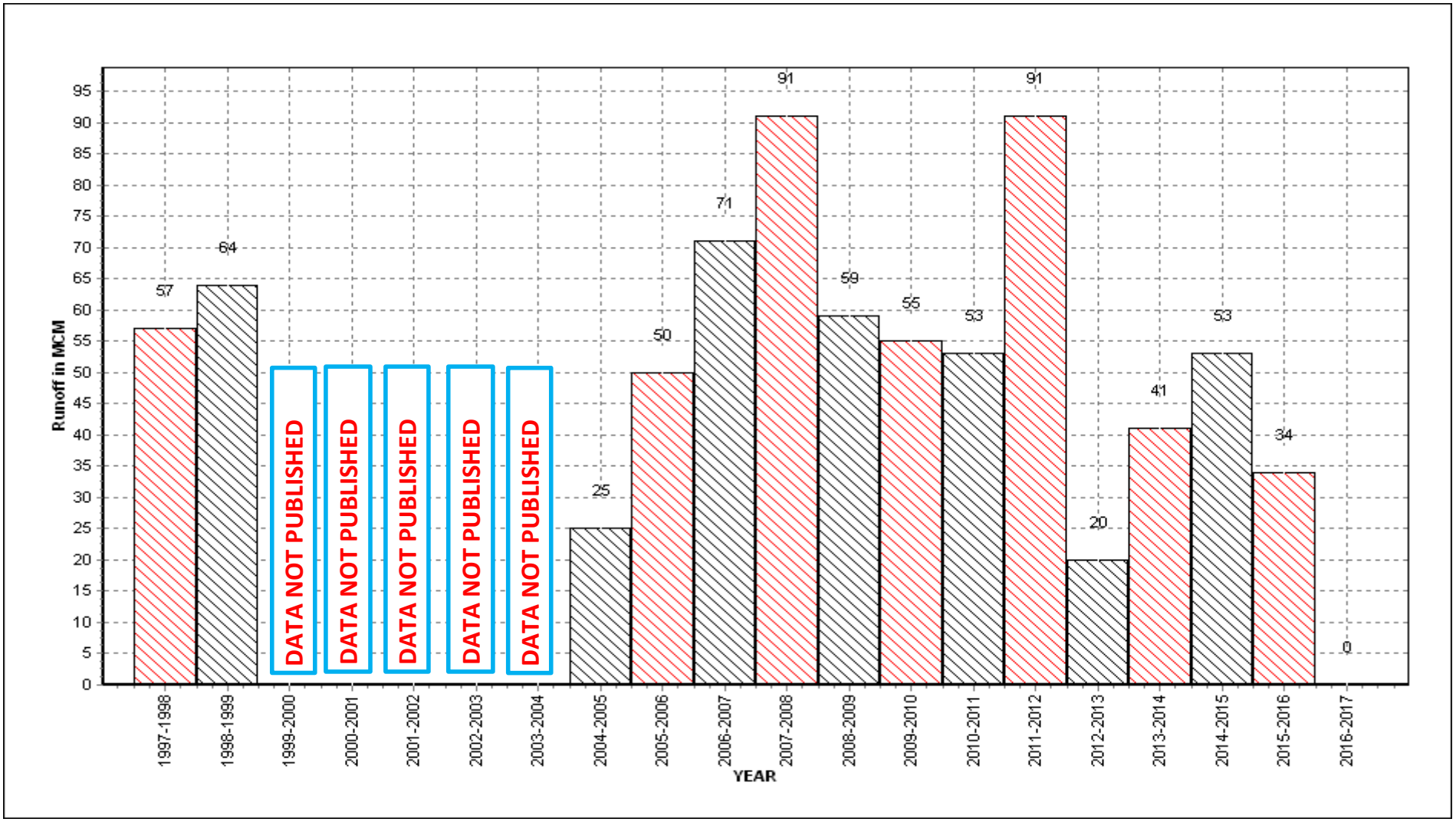
Annual Runoff Values for the period: 1997 - 2017

Station Name : Menangudi (CCA23N4)

Local River : Noolar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal

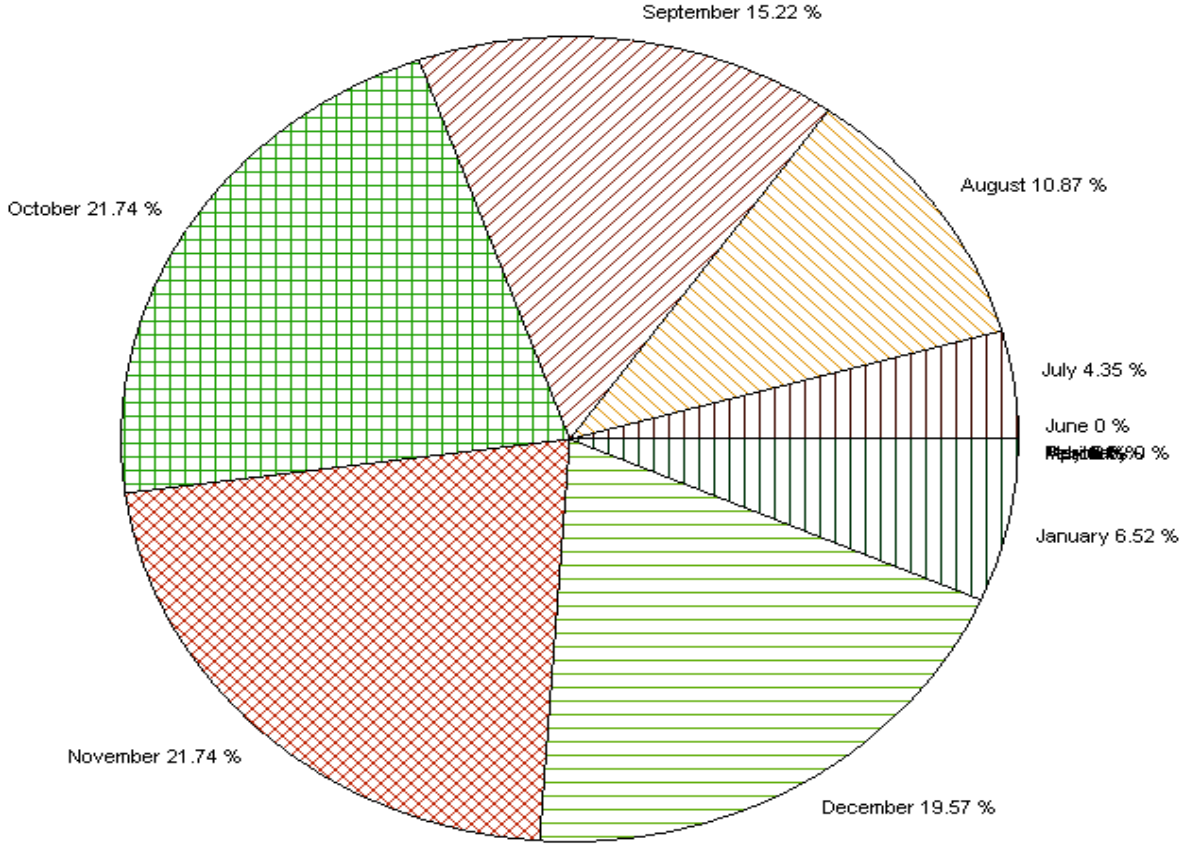


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1997-2016

Station Name : Menangudi (CCA23N4)
Local River : Noolar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



June	0 %
July	4.35 %
August	10.87 %
September	15.22 %
October	21.74 %
November	21.74 %
December	19.57 %
January	6.52 %
February	0 %
March	0 %
April	0 %
May	0 %

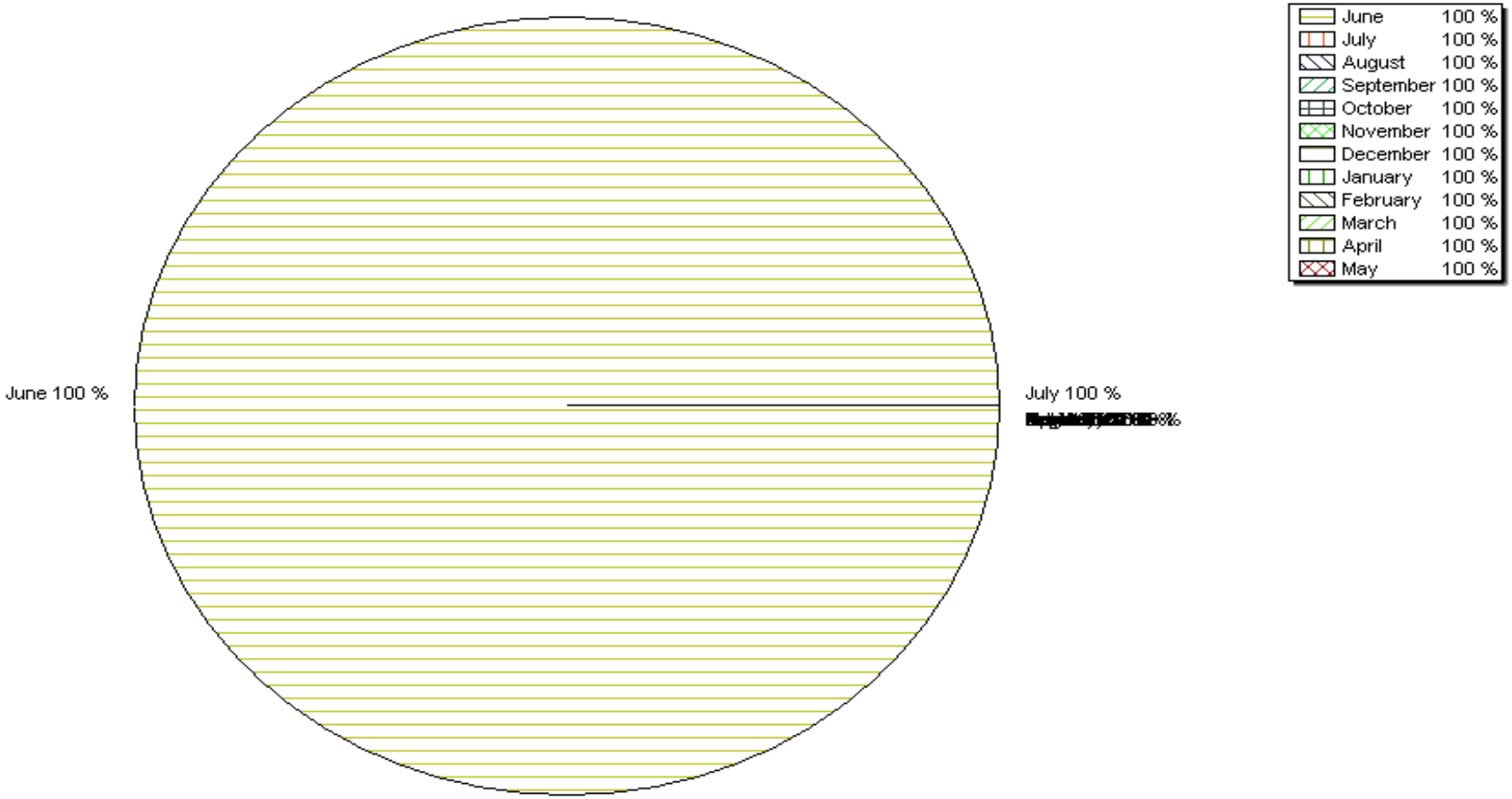
Monthly Runoff for the Year : 2016-2017

Station Name : Menangudi (CCA23N4)

Local River : Noolar

Division : Hydrology Division, Chennai

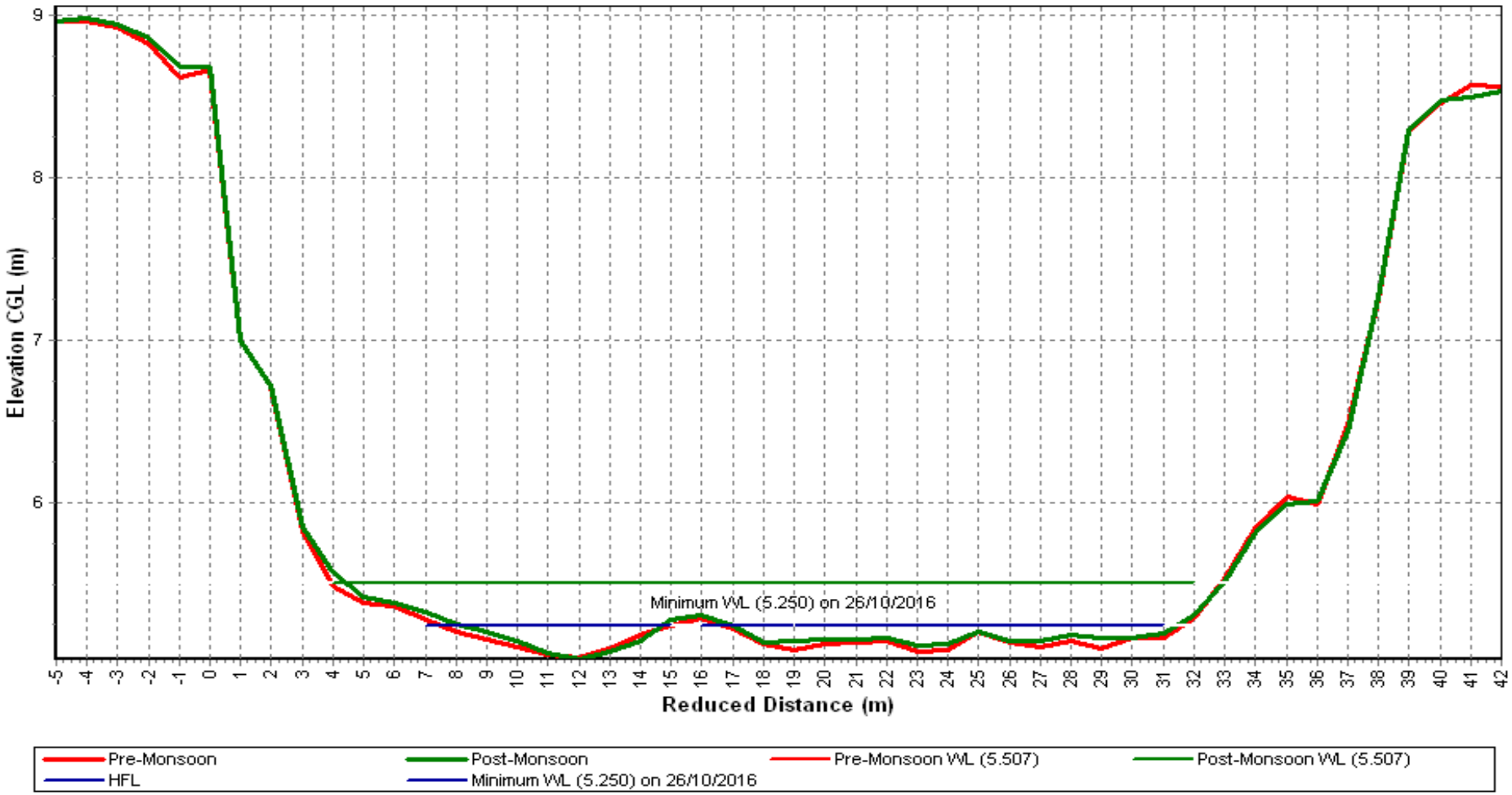
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

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



HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Arasalar **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	4.300	0.000	3.480	0.000	2.820	0.000	2.640	0.000		0.000		0.000
2	4.265	0.000	3.460	0.000	2.800	0.000	2.750	0.000		0.000		0.000
3	4.210	0.000	3.425	0.000	2.775	0.000	2.730	0.000		0.000	2.740	0.000
4	4.175	0.000	3.390	0.000	2.760	0.000	2.690	0.000		0.000	2.755	0.000
5	4.130	0.000	3.355	0.000	2.745	0.000	2.665	0.000		0.000	2.680	0.000
6	4.100	0.000	3.325	0.000	2.720	0.000	2.645	0.000		0.000	2.625	0.000
7	4.080	0.000	3.290	0.000	2.695	0.000	2.620	0.000		0.000	2.590	0.000
8	4.090	0.000	3.245	0.000	2.675	0.000	2.605	0.000		0.000	2.580	0.000
9	4.080	0.000	3.220	0.000	2.655	0.000	2.580	0.000		0.000	2.540	0.000
10	4.065	0.000	3.190	0.000	2.630	0.000	2.560	0.000		0.000	2.490	0.000
11	4.040	0.000	3.150	0.000	2.610	0.000	2.540	0.000		0.000	2.455	0.000
12	4.030	0.000	3.120	0.000	2.595	0.000	2.520	0.000		0.000		0.000
13	4.020	0.000	3.095	0.000	2.580	0.000	2.510	0.000		0.000		0.000
14	4.005	0.000	3.070	0.000	2.565	0.000	2.500	0.000		0.000		0.000
15	3.980	0.000	3.050	0.000	2.550	0.000	2.490	0.000		0.000	2.610	0.000
16	3.940	0.000	3.030	0.000	2.530	0.000	2.470	0.000		0.000	2.565	0.000
17	3.895	0.000	3.015	0.000	2.520	0.000	2.450	0.000		0.000	2.520	0.000
18	3.840	0.000	2.980	0.000	2.505	0.000	2.435	0.000		0.000	2.520	0.000
19	3.820	0.000	2.980	0.000	2.490	0.000	2.420	0.000		0.000	2.500	0.000
20	3.770	0.000	2.960	0.000	2.480	0.000	2.415	0.000		0.000	2.465	0.000
21	3.745	0.000	2.950	0.000	2.465	0.000	2.405	0.000		0.000		0.000
22	3.720	0.000	2.945	0.000	2.450	0.000	2.400	0.000		0.000		0.000
23	3.690	0.000	2.920	0.000	2.440	0.000		0.000		0.000		0.000
24	3.670	0.000	2.905	0.000	2.430	0.000		0.000		0.000		0.000
25	3.650	0.000	2.890	0.000	2.420	0.000		0.000		0.000		0.000
26	3.620	0.000	2.875	0.000	2.410	0.000		0.000		0.000		0.000
27	3.595	0.000	2.865	0.000	2.410	0.000		0.000		0.000		0.000
28	3.570	0.000	2.870	0.000	2.480	0.000		0.000		0.000		0.000
29	3.550	0.000	2.860	0.000	2.510	0.000		0.000		0.000		0.000
30	3.540	0.000	2.850	0.000	2.505	0.000		0.000		0.000		0.000
31			2.835	0.000	2.490	0.000				0.000		
Ten-Daily Mean												
I Ten-Daily	4.149	0.000	3.338	0.000	2.728	0.000	2.648	0.000		0.000	2.625	0.000
II Ten-Daily	3.934	0.000	3.045	0.000	2.543	0.000	2.475	0.000		0.000	2.519	0.000
III Ten-Daily	3.635	0.000	2.888	0.000	2.455	0.000	2.403	0.000		0.000		0.000
Monthly												
Min.	3.540	0.000	2.835	0.000	2.410	0.000	2.400	0.000		0.000	2.455	0.000
Max.	4.300	0.000	3.480	0.000	2.820	0.000	2.750	0.000		0.000	2.755	0.000
Mean	3.906	0	3.084	0	2.571	0	2.547	0		0	2.576	0

Annual Runoff in MCM = 0 Annual Runoff in mm =

Peak Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :4.3 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :4.3 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 2016 - 2017

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

Local River : Arasalar **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		0.000		0.000	2.730	0.000		0.000		0.000		0.000
2		0.000		0.000	2.705	0.000		0.000		0.000		0.000
3		0.000		0.000	2.670	0.000		0.000		0.000		0.000
4		0.000		0.000	2.645	0.000		0.000		0.000		0.000
5		0.000		0.000	2.625	0.000		0.000		0.000		0.000
6		0.000		0.000	2.595	0.000		0.000		0.000		0.000
7		0.000		0.000	2.565	0.000		0.000		0.000		0.000
8		0.000		0.000	2.515	0.000		0.000		0.000		0.000
9		0.000		0.000	2.485	0.000		0.000		0.000		0.000
10		0.000		0.000	2.450	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	2.750	0.000		0.000		0.000		0.000		0.000
23		0.000	2.680	0.000		0.000		0.000		0.000		0.000
24		0.000	2.600	0.000		0.000		0.000		0.000		0.000
25		0.000	2.565	0.000		0.000		0.000		0.000		0.000
26		0.000	2.585	0.000		0.000		0.000		0.000		0.000
27		0.000	2.730	0.000		0.000		0.000		0.000		0.000
28		0.000	2.755	0.000		0.000		0.000		0.000		0.000
29		0.000	2.670	0.000				0.000		0.000		0.000
30		0.000	2.720	0.000				0.000		0.000		0.000
31		0.000	2.745	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	2.599	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	2.680	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.		0.000	2.565	0.000	2.450	0.000		0.000		0.000		0.000
Max.		0.000	2.755	0.000	2.730	0.000		0.000		0.000		0.000
Mean		0	2.680	0	2.599	0		0		0		0

Q: Observed/Computed Discharge in cumecs

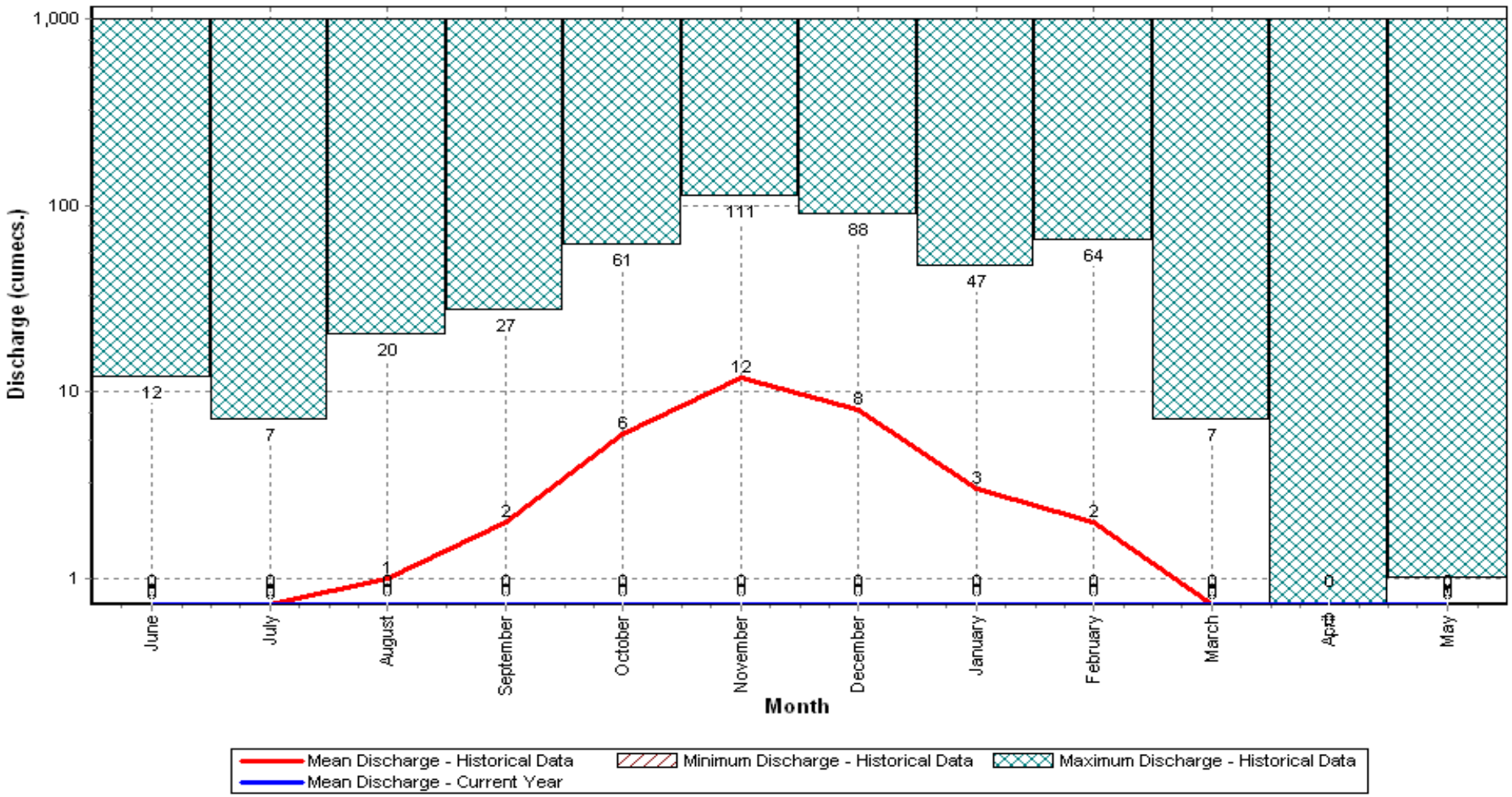
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : Porakudi (CCA20G5) **Data considered : 1999-2017** **Division : Hydrology Division, Chennai**

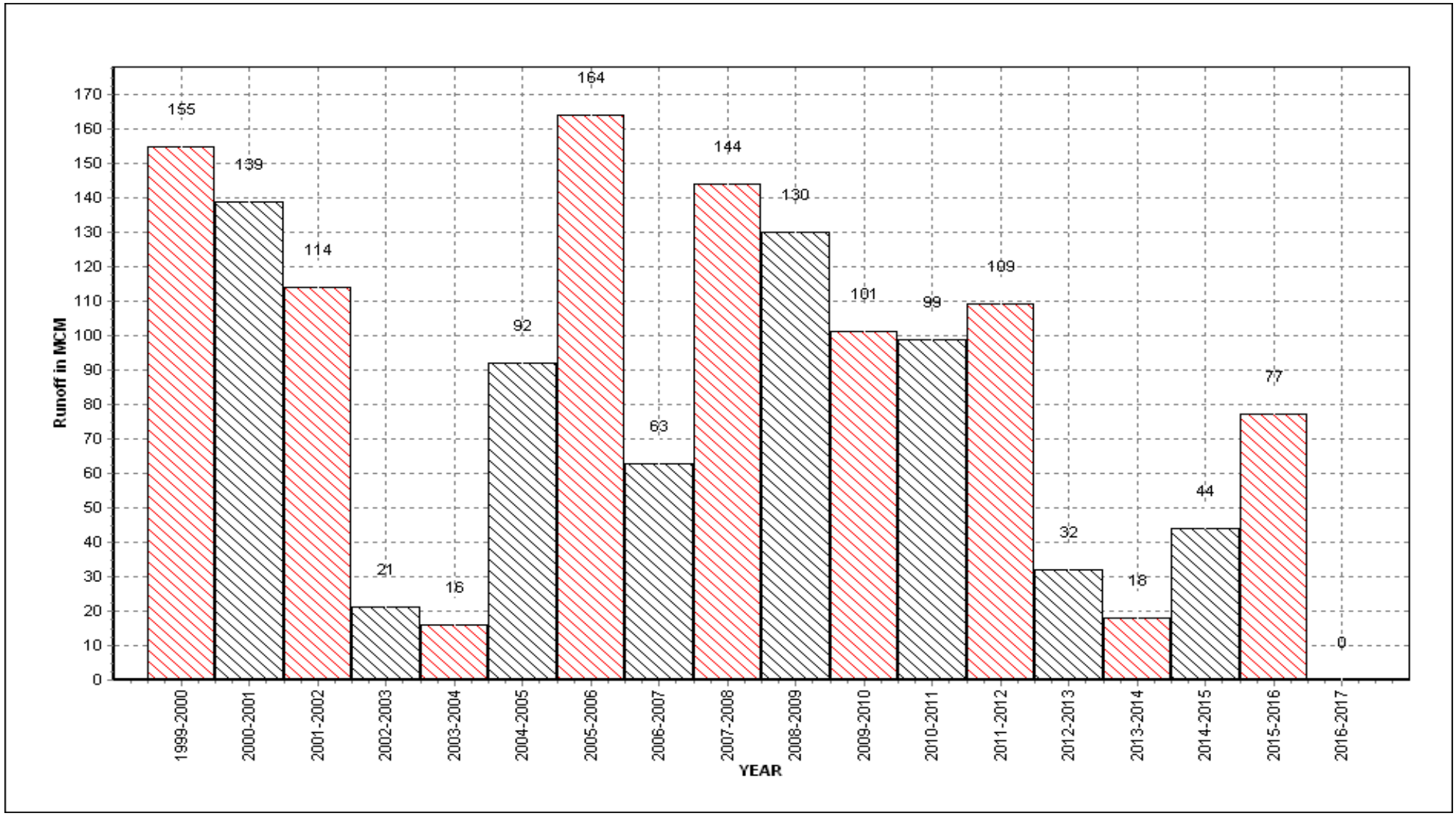
Local River : Arasalar **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2017

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

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

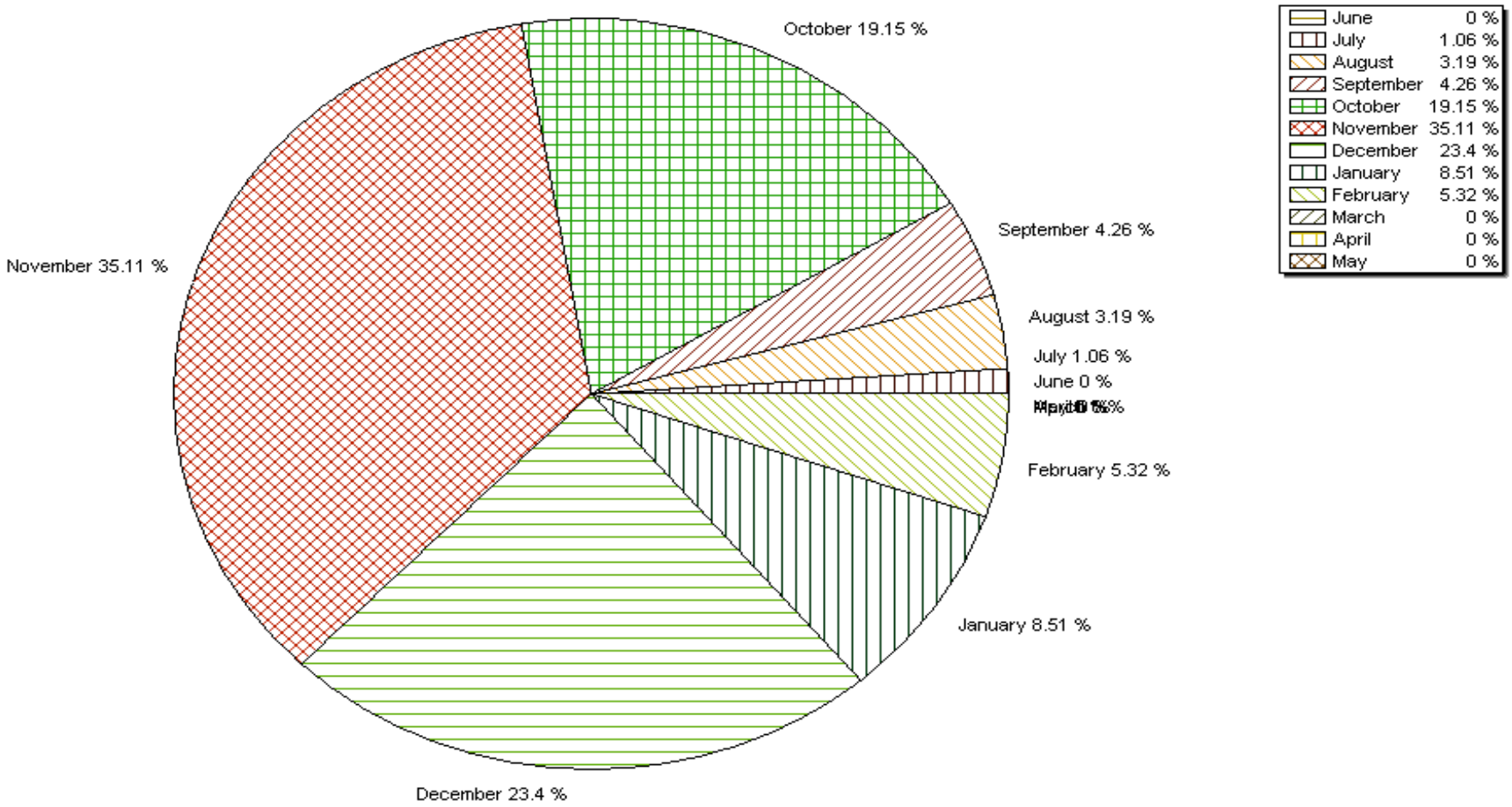


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2016

Station Name : Porakudi (CCA20G5)
Local River : Arasalar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



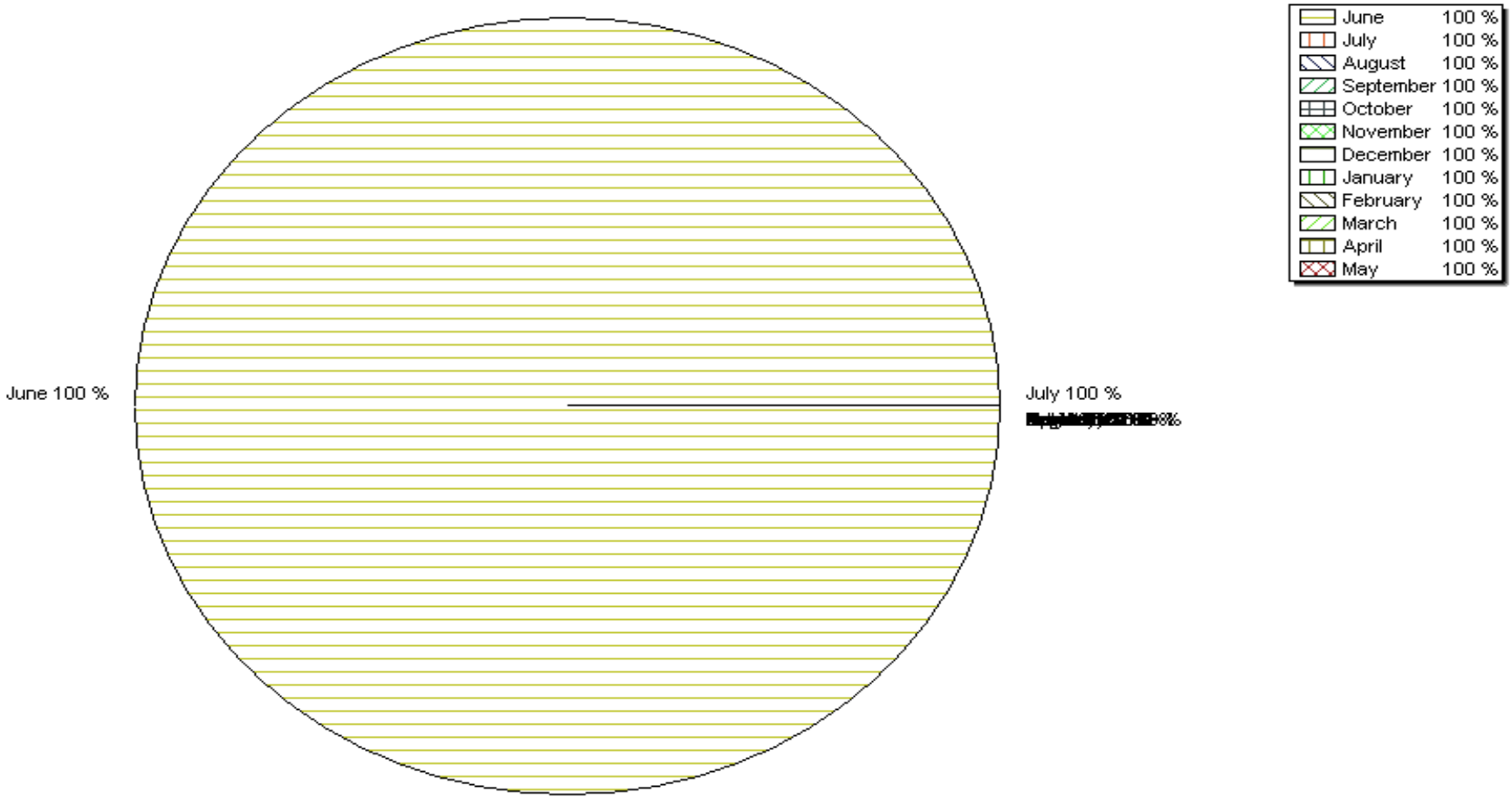
Monthly Runoff for the Year : 2016-2017

Station Name : Porakudi (CCA20G5)

Local River : Arasalar

Division : Hydrology Division, Chennai

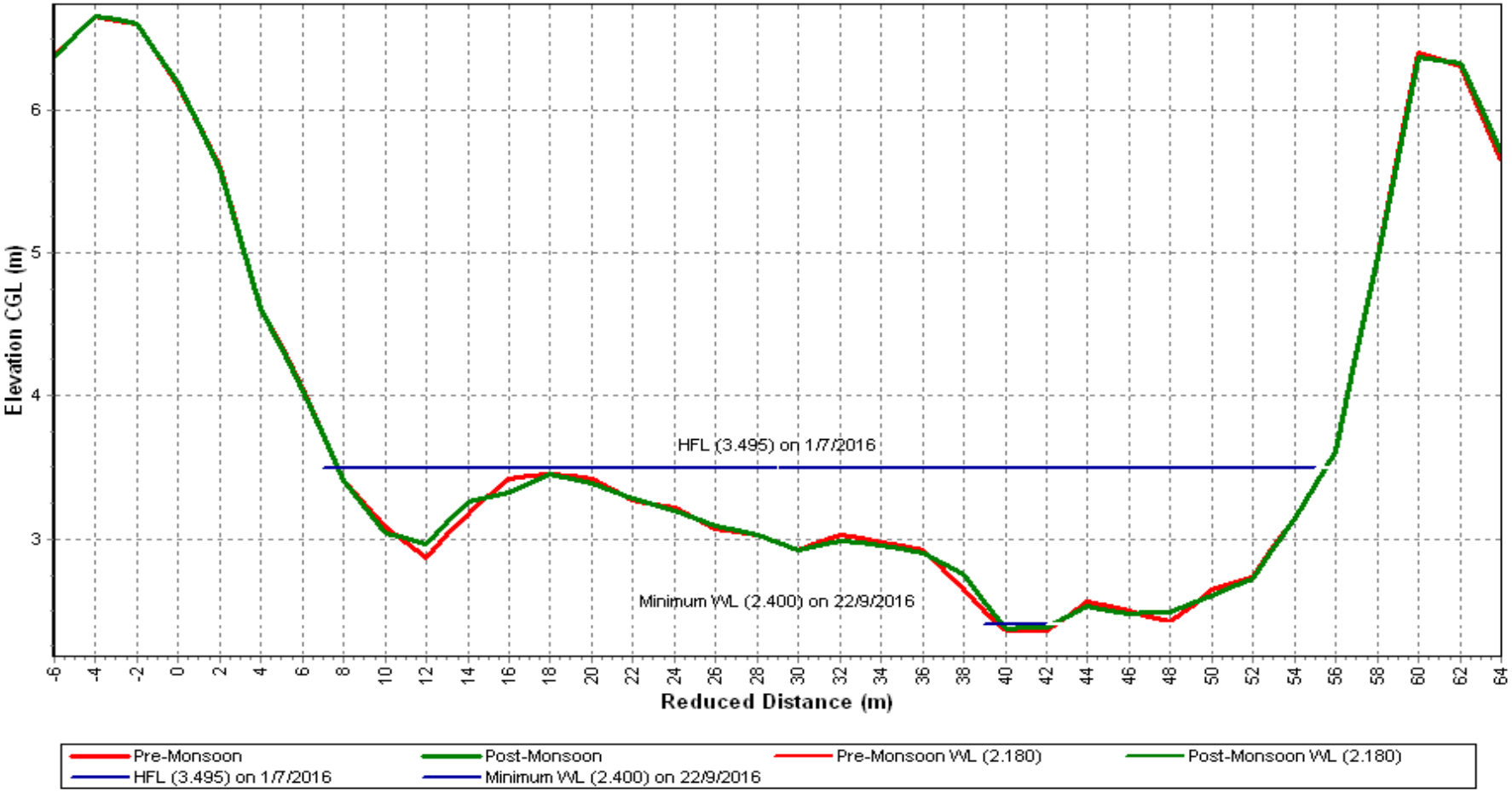
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Porakudi (CCA20G5)
Local River : Arasalar

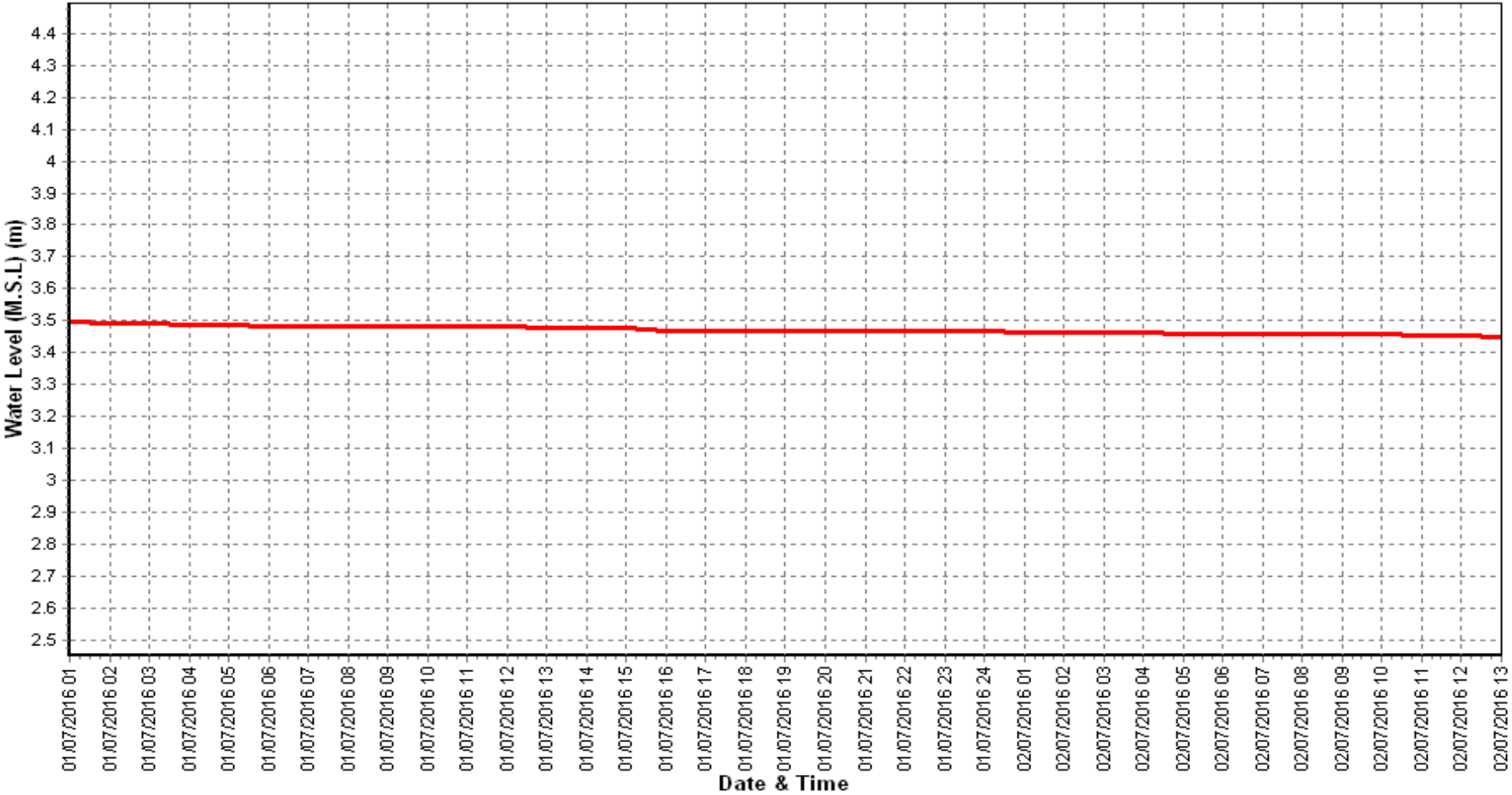
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

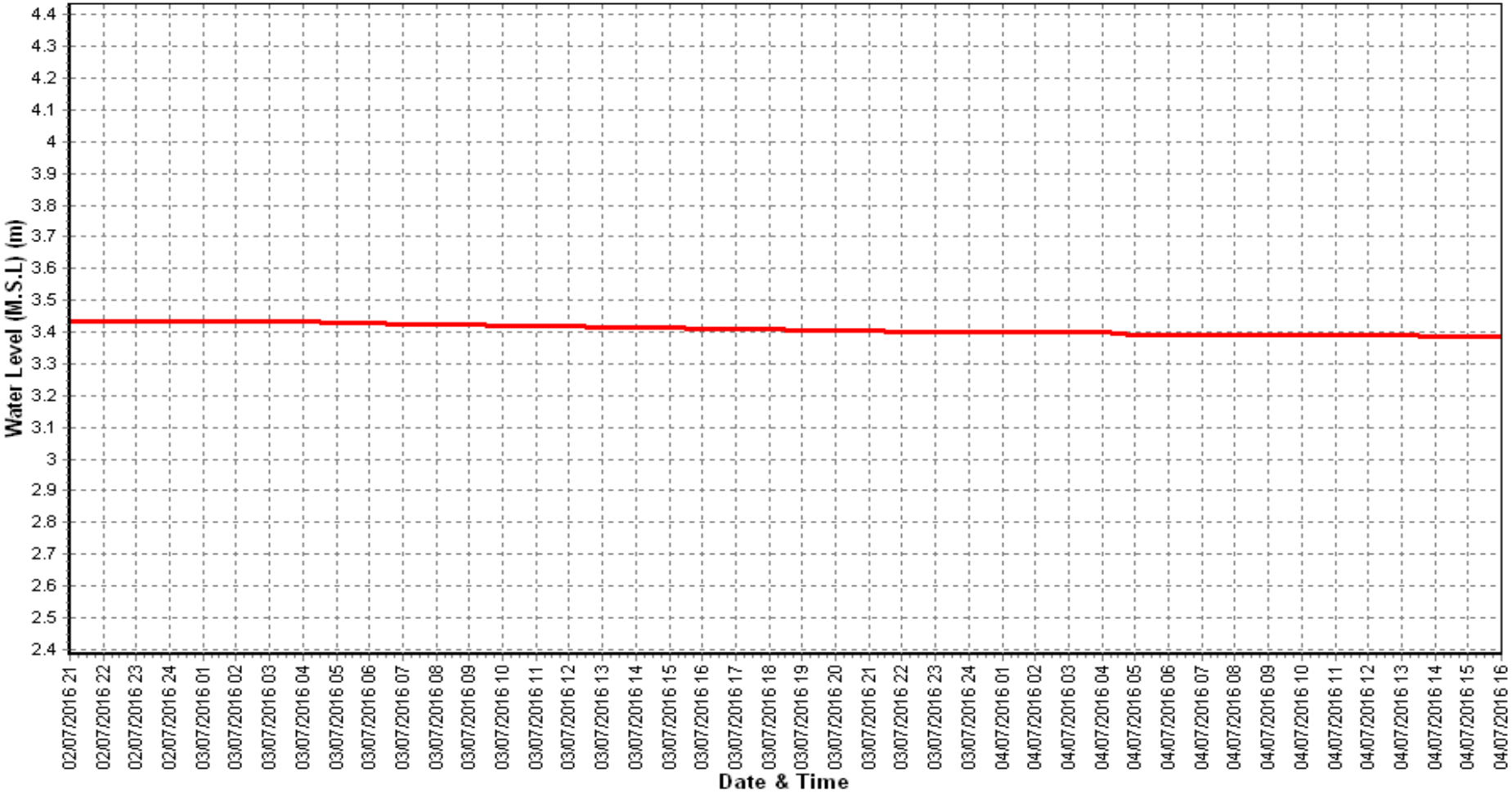


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

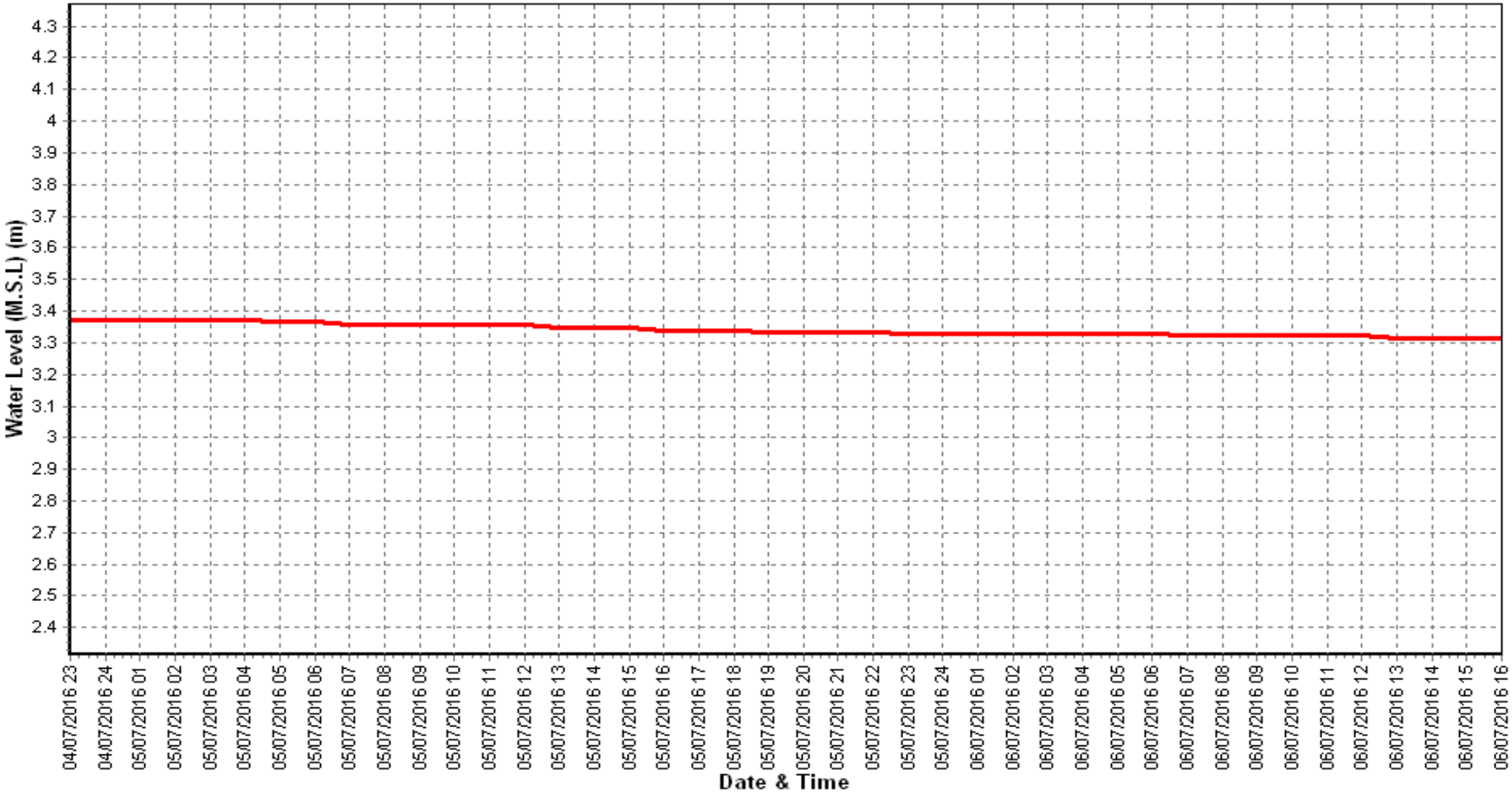


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Vanjiyar **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			7.130	0.000		0.000		0.000
2		0.000		0.000		0.000	7.120	0.000		0.000		0.000
3		0.000		0.000		0.000	7.090	0.000		0.000		0.000
4		0.000		0.000		0.000	7.035	0.000		0.000		0.000
5		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
7		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
9		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	7.330	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	7.408	0.075		0.000
23		0.000		0.000		0.000		0.000	7.310	0.080 *		0.000
24		0.000		0.000		0.000		0.000	7.180	0.088		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		0.000
30		0.000		0.000		0.000		0.000		0.000		0.000
31				0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	7.094	0.000		0.000		0.000
II Ten-Daily		0.000		0.000		0.000		0.000	7.330	0.000		0.000
III Ten-Daily		0.000		0.000		0.000		0.000	7.299	0.022		0.000
Monthly												
Min.		0.000		0.000		0.000	7.035	0.000	7.180	0.000		0.000
Max.		0.000		0.000		0.000	7.130	0.000	7.408	0.088		0.000
Mean		0		0		0	7.094	0	7.307	0.008		0

Annual Runoff in MCM = 0 Annual Runoff in mm =

Peak Observed Discharge = 0.088 cumecs on 24/10/2016 Corres. Water Level :7.18 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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

Local River : Vanjiyar **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		0.000		0.000	7.170	0.000		0.000		0.000		0.000
2		0.000		0.000	7.175	0.000		0.000		0.000		0.000
3		0.000		0.000	7.165	0.000		0.000		0.000		0.000
4		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
6		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
8		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
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	7.220	0.000		0.000		0.000		0.000		0.000
23		0.000	7.215	0.000		0.000		0.000		0.000		0.000
24		0.000	7.238	0.000		0.000		0.000		0.000		0.000
25		0.000	7.185	0.000		0.000		0.000		0.000		0.000
26		0.000	7.180	0.000		0.000		0.000		0.000		0.000
27		0.000	7.185	0.000		0.000		0.000		0.000		0.000
28		0.000	7.180	0.000		0.000		0.000		0.000		0.000
29		0.000	7.190	0.000				0.000		0.000		0.000
30		0.000	7.190	0.000				0.000		0.000		0.000
31		0.000	7.180	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily		0.000		0.000	7.170	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	7.196	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.		0.000	7.180	0.000	7.165	0.000		0.000		0.000		0.000
Max.		0.000	7.238	0.000	7.175	0.000		0.000		0.000		0.000
Mean		0	7.196	0	7.170	0		0		0		0

Peak Computed Discharge = 0.080 cumecs on 23/10/2016 **Corres. Water Level :7.31 m**

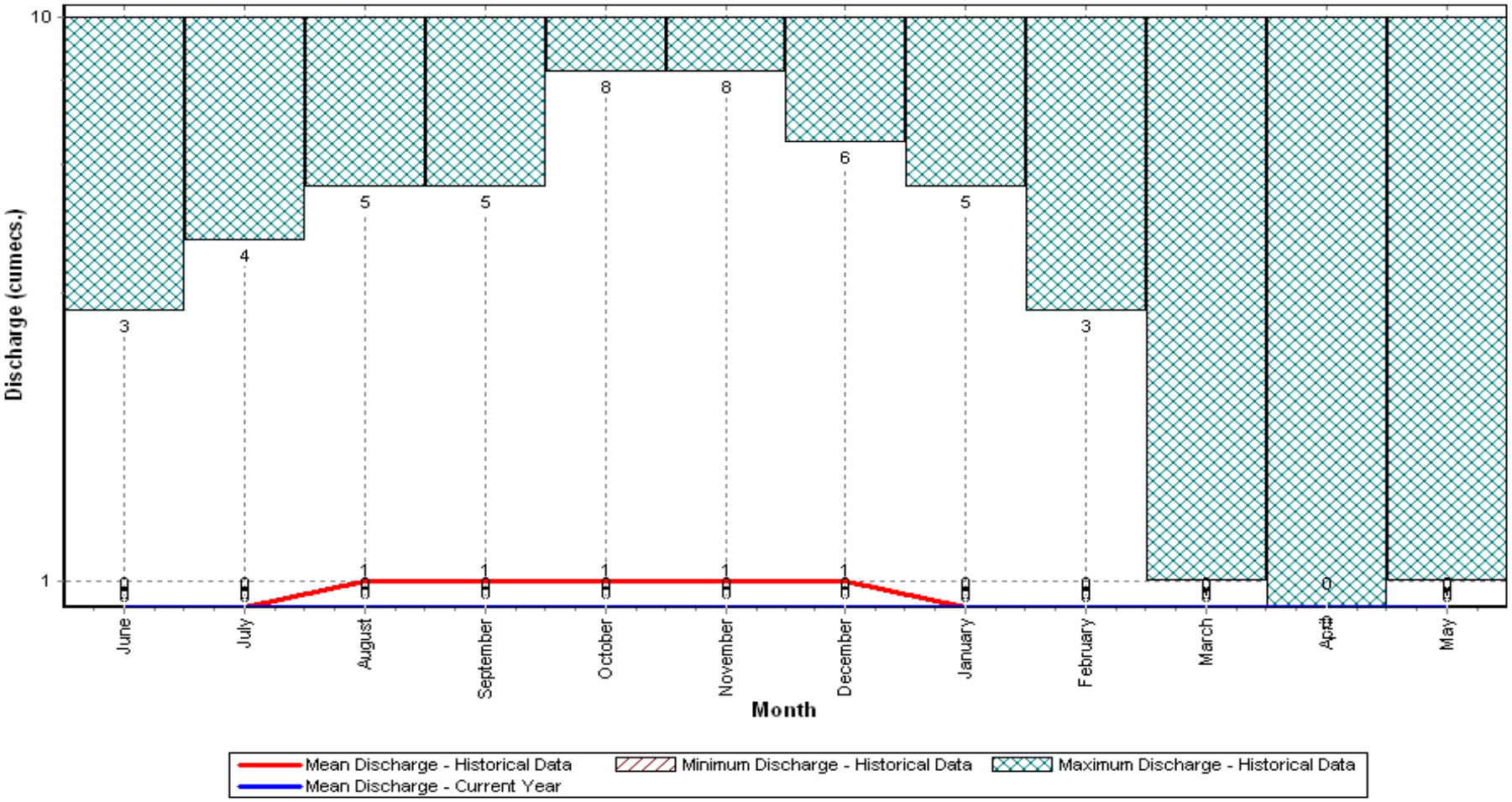
Lowest Computed Discharge = 0.080 cumecs on 23/10/2016 **Corres. Water Level :7.31 m**

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 : 2016-2017

Station Name : Peralam (CCA22S5) | **Data considered : 1999-2017** | **Division : Hydrology Division, Chennai**

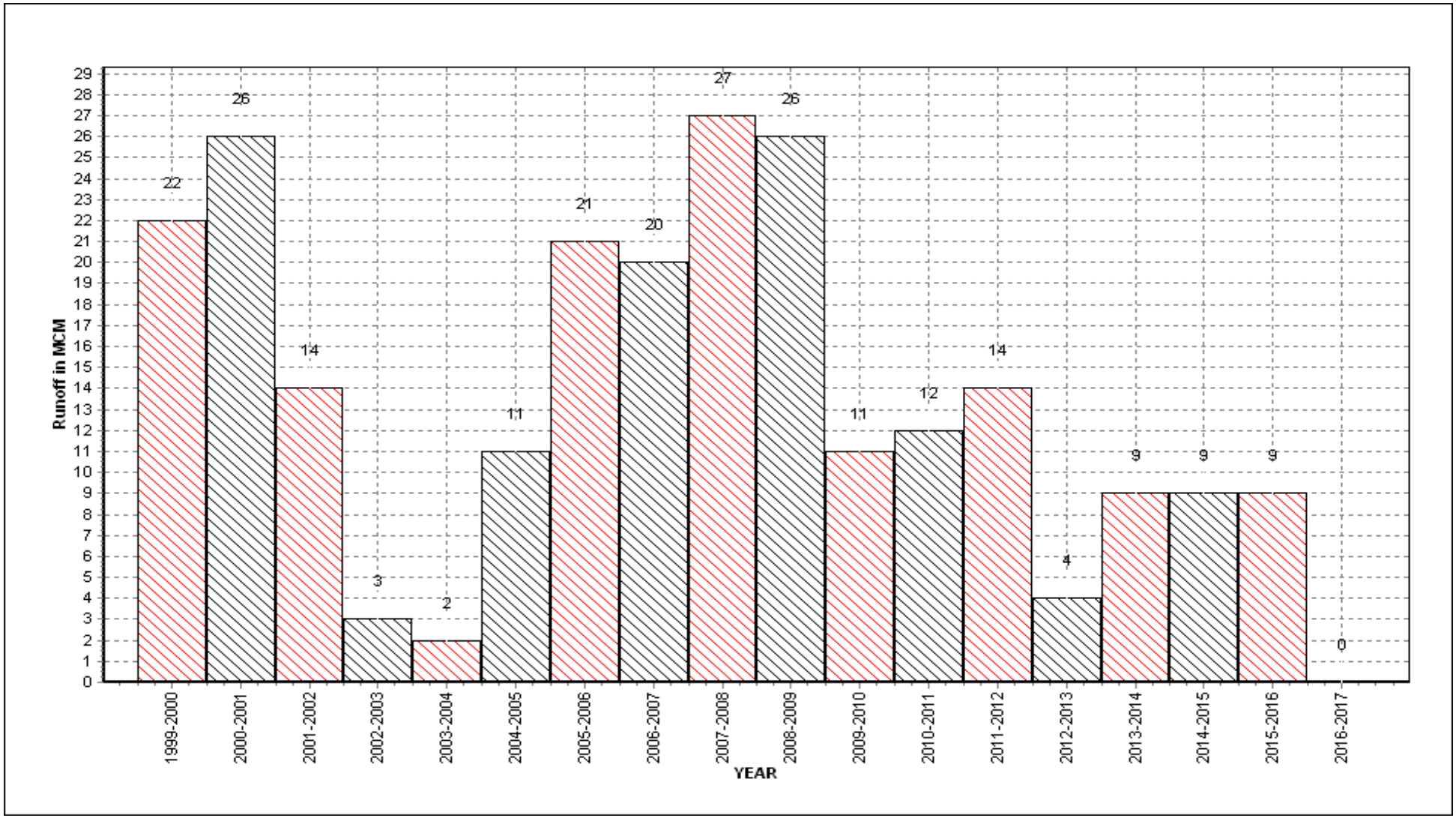
Local River : Vanjiyar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2017

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

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



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

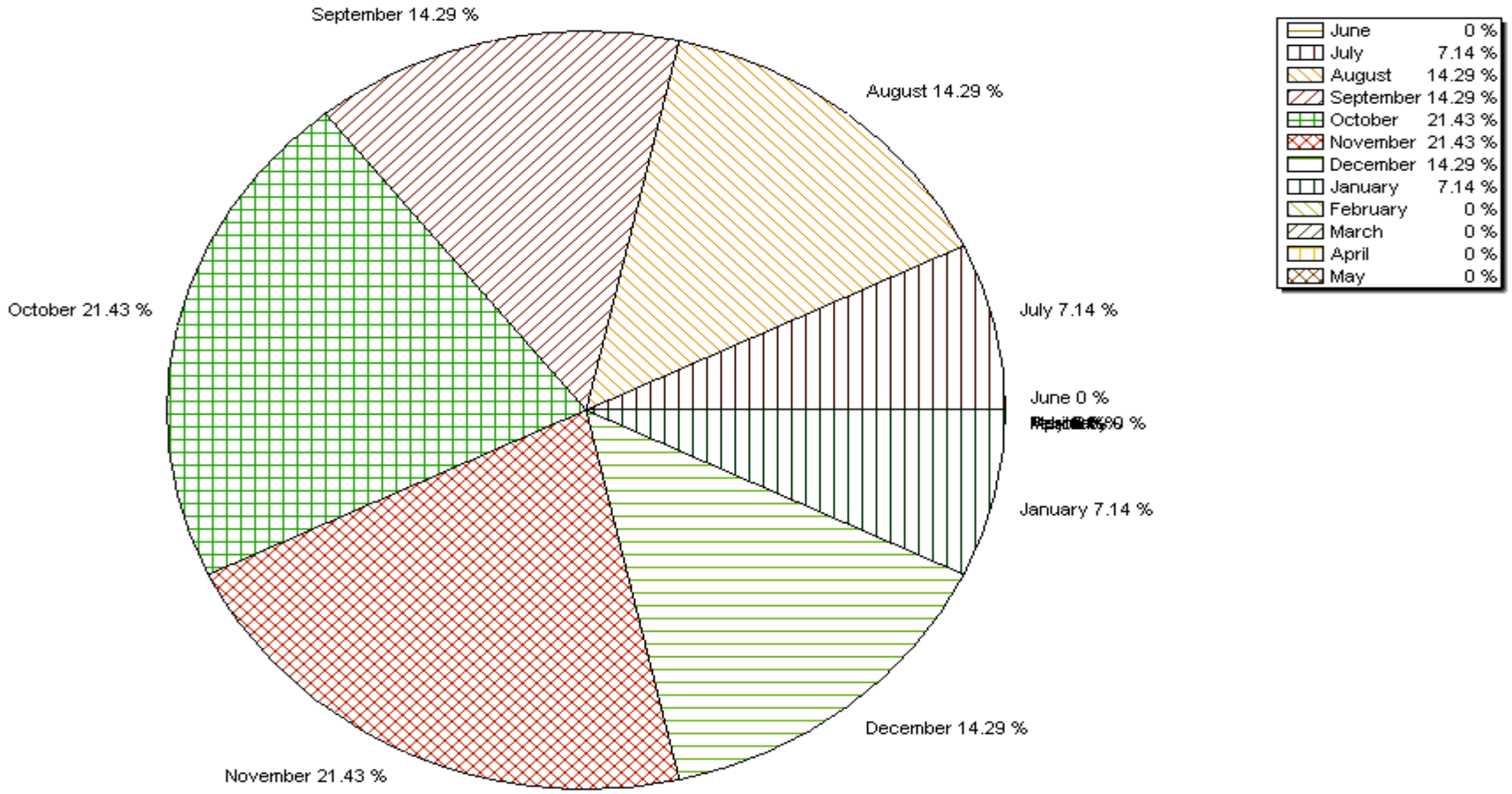
Monthly Average Runoff based on period : 1999-2016

Station Name : Peralam (CCA22S5)

Local River : Vanjiyar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal



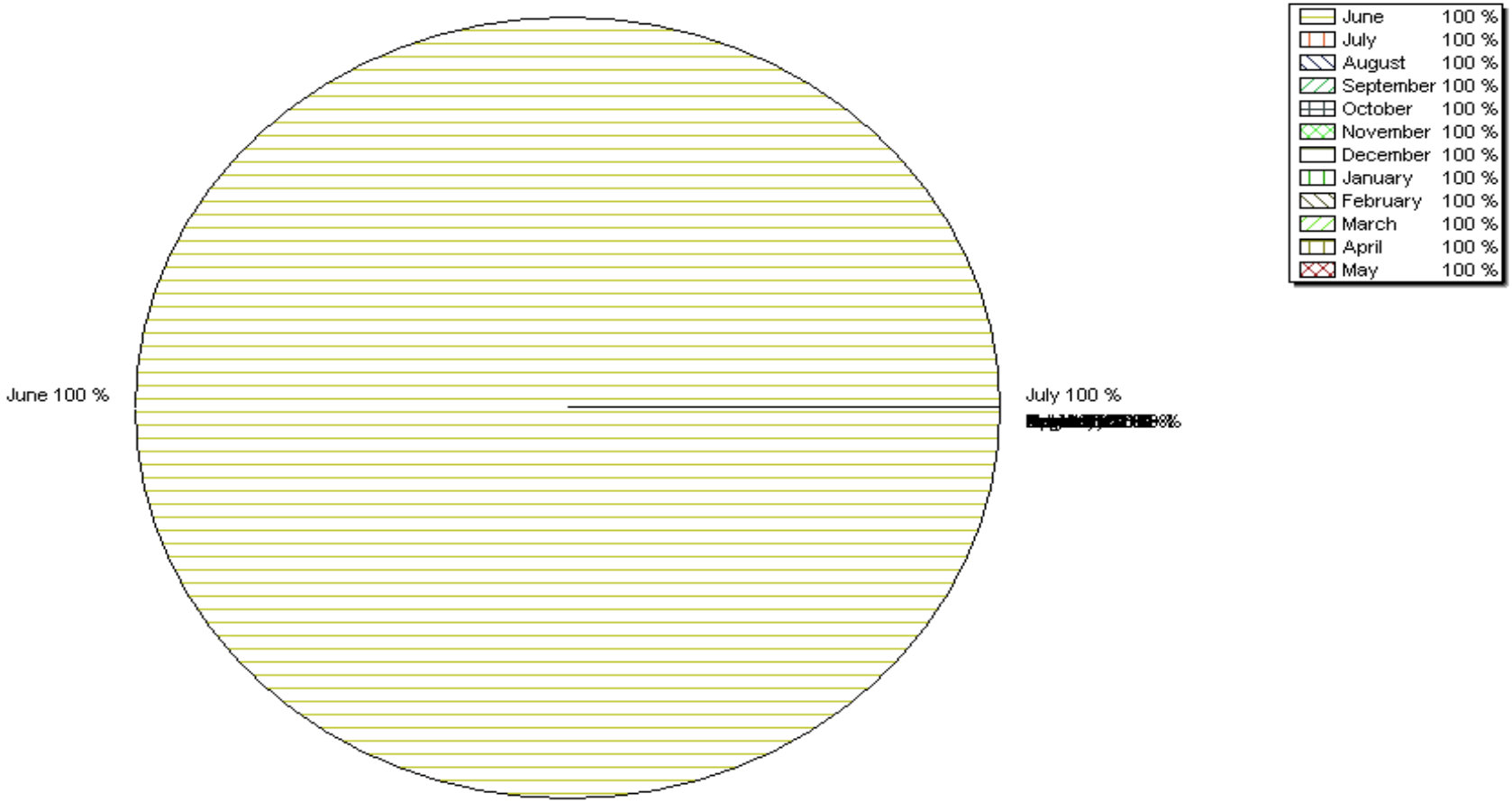
Monthly Runoff for the Year : 2016-2017

Station Name : Peralam (CCA22S5)

Local River : Vanjiyar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal



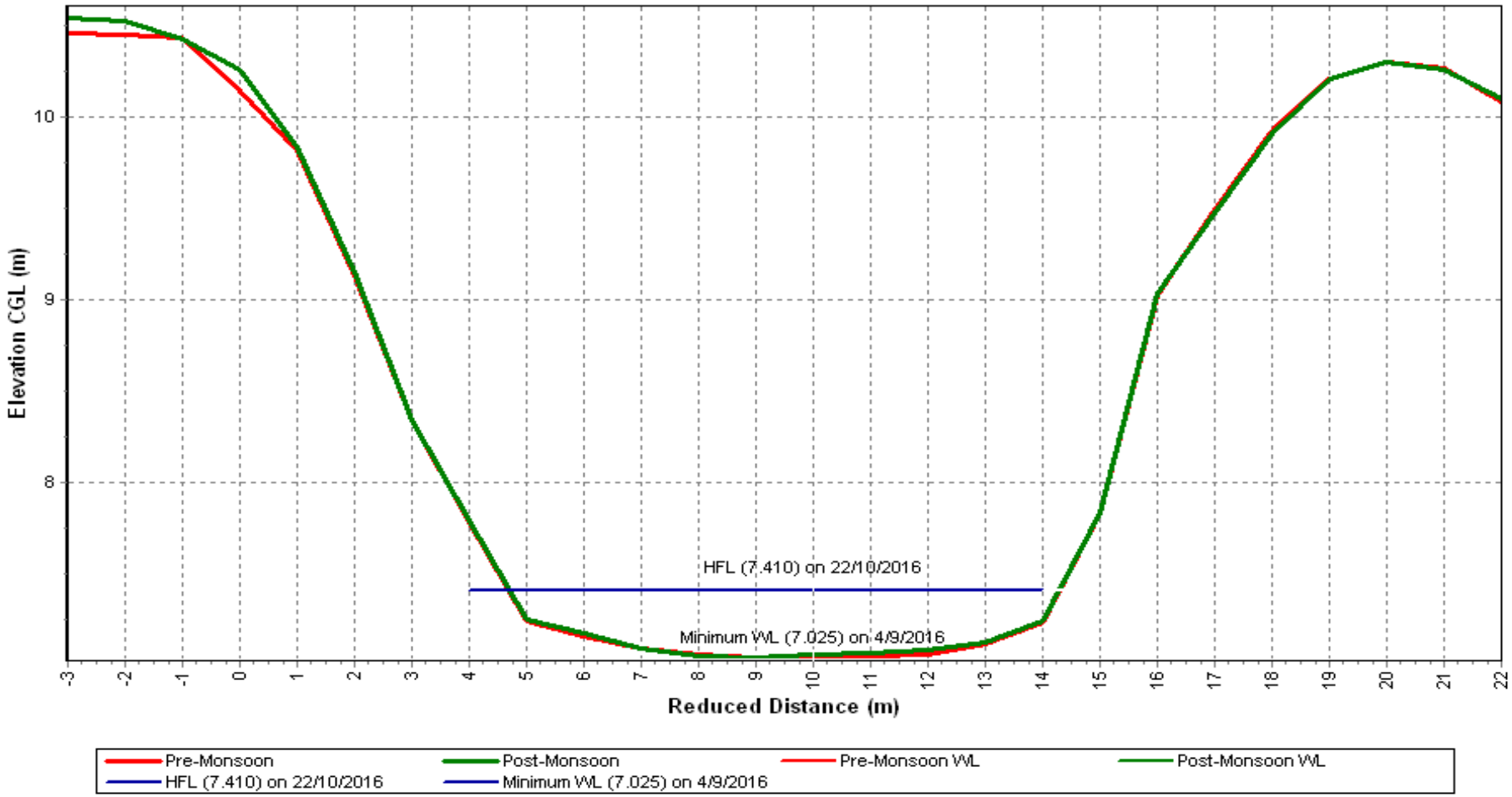
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Peralam (CCA22S5)

Local River : Vanjiyar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal



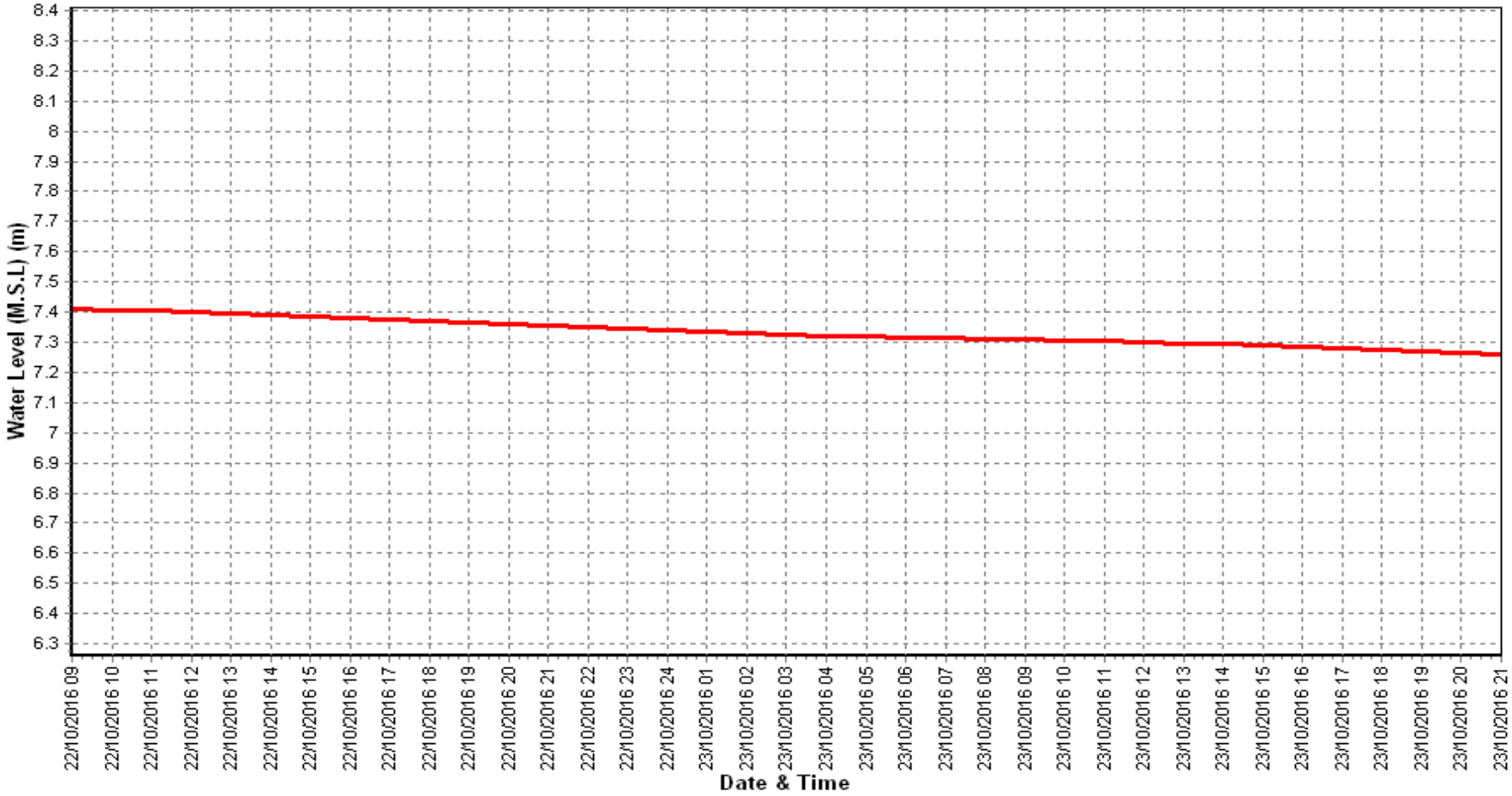
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Peralam (CCA22S5)

Local River : Vanjiyar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal

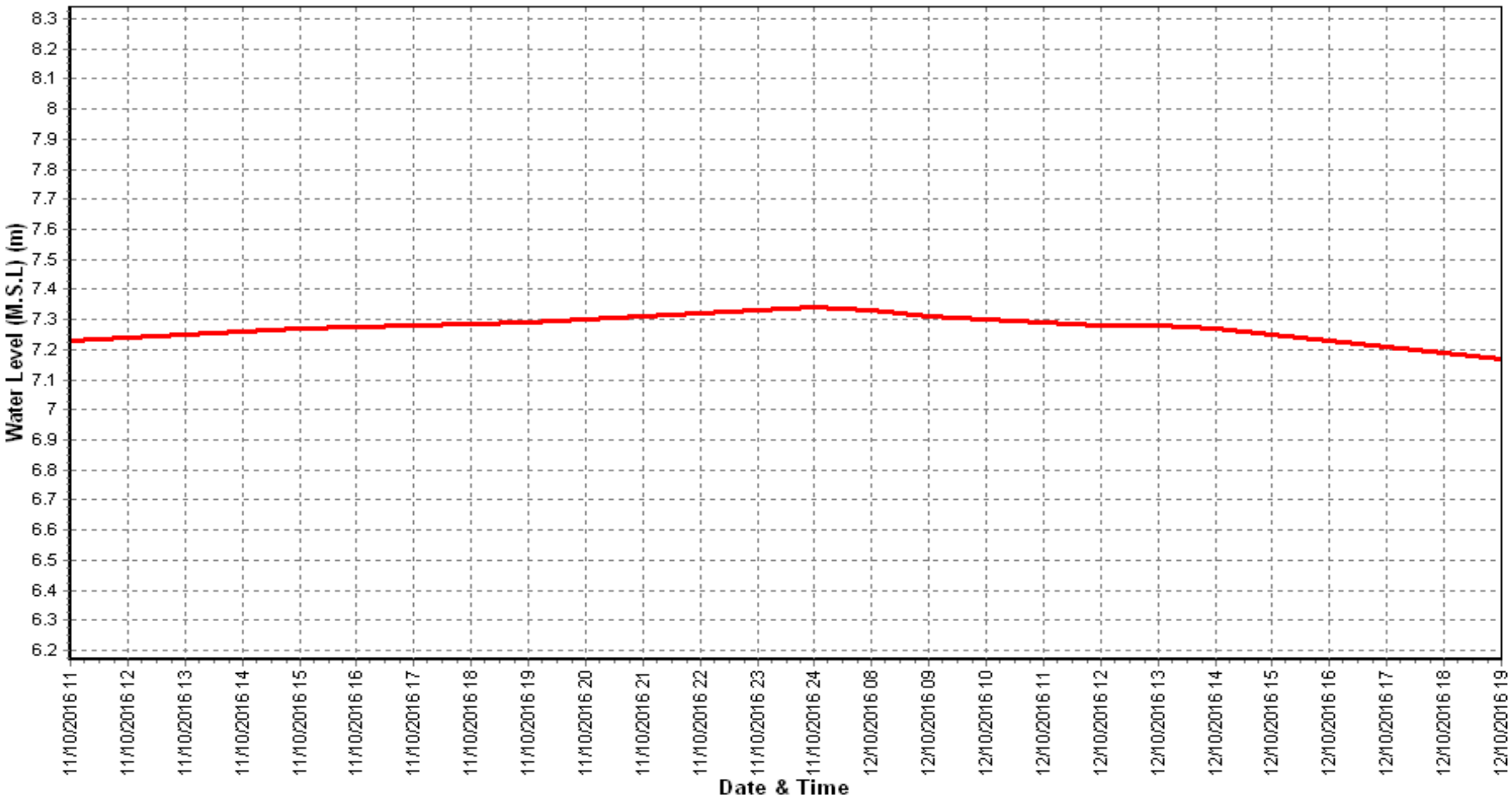


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

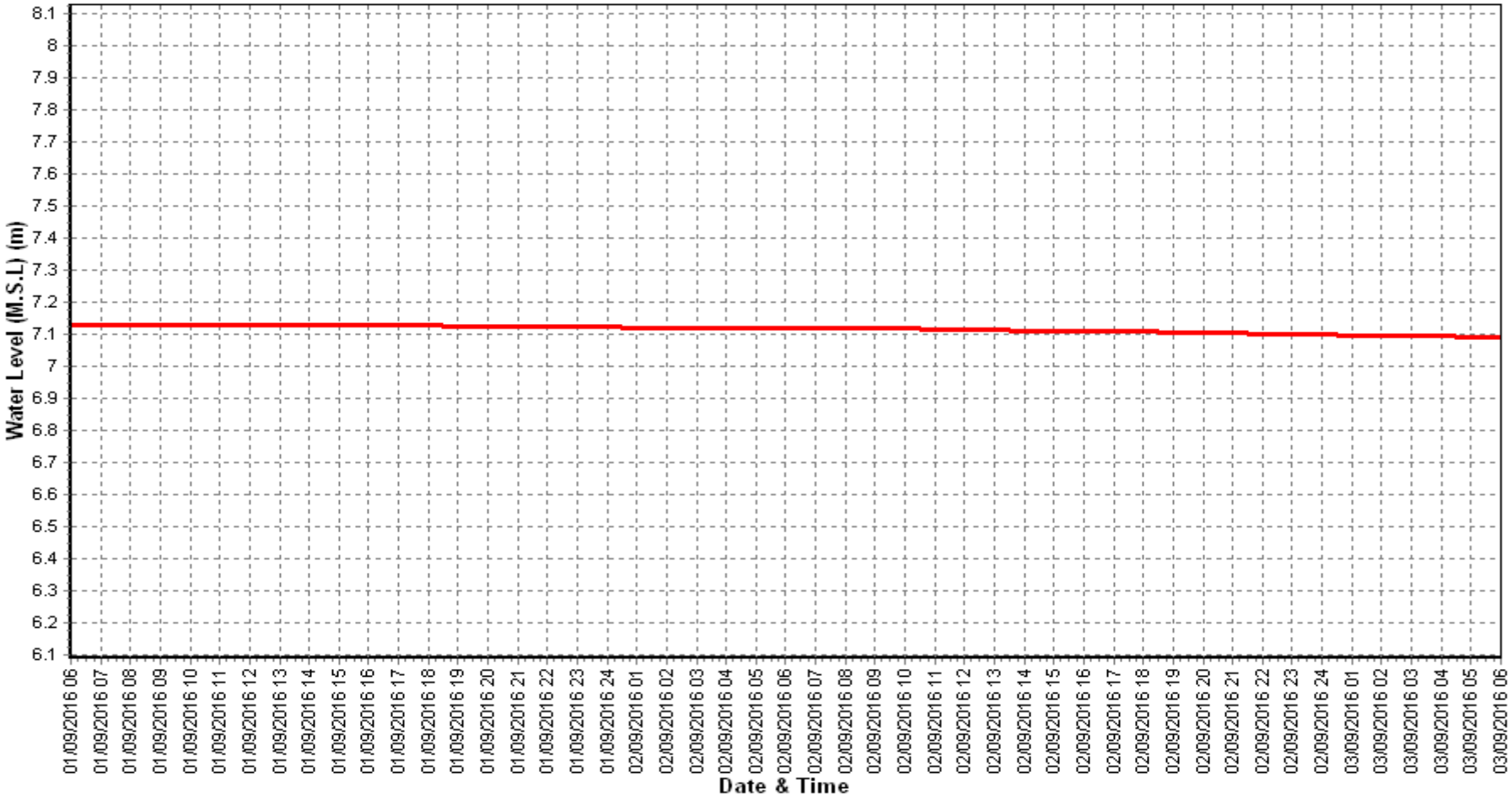


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2016-2017

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

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

Stage-Discharge Data for the period 2016 - 2017

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

Local River : Thirumalairajanar **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	5.740	0.000		0.000		0.000	6.400	1.466 #	5.830	0.000	6.148	0.387
2	5.700	0.000		0.000		0.000	6.280	0.895 #	5.855	0.000	6.070	0.190
3	5.675	0.000		0.000		0.000	6.118	0.270 #	5.860	0.000	6.075	0.200
4	5.645	0.000		0.000		0.000	6.010	0.072 *	5.850	0.000	6.190	0.472
5	5.610	0.000		0.000		0.000	5.975	0.037 *	5.865	0.000	6.133	0.328
6	5.590	0.000		0.000		0.000	5.940	0.012	5.900	0.000	6.060	0.144 *
7	5.580	0.000		0.000		0.000	5.918	0.006	5.895	0.000	6.020	0.081
8	5.880	0.000		0.000		0.000	5.825	0.000	5.855	0.000	5.980	0.000
9	5.875	0.000		0.000		0.000	5.745	0.000	5.780	0.000	5.925	0.000
10	5.865	0.000		0.000		0.000	5.690	0.000	5.720	0.000	5.865	0.000
11	5.840	0.000		0.000		0.000	5.640	0.000	5.680	0.000	5.790	0.000
12	5.770	0.000		0.000		0.000	5.600	0.000	5.800	0.000	5.740	0.000
13	5.730	0.000		0.000		0.000	5.560	0.000	5.910	0.000	5.710	0.000
14	5.695	0.000		0.000		0.000		0.000	5.815	0.000	5.695	0.000
15	5.665	0.000		0.000		0.000		0.000	5.740	0.000	5.665	0.000
16	5.635	0.000		0.000		0.000		0.000	5.700	0.000	5.630	0.000
17	5.610	0.000		0.000		0.000		0.000	5.650	0.000	5.605	0.000
18	5.590	0.000		0.000		0.000		0.000	5.615	0.000	5.595	0.000
19	5.590	0.000		0.000		0.000		0.000	5.575	0.000	5.730	0.000
20	5.590	0.000		0.000		0.000		0.000		0.000	5.830	0.000
21	5.560	0.000		0.000		0.000		0.000		0.000	5.710	0.000
22		0.000		0.000		0.000		0.000	5.973	0.033 #	5.690	0.000
23		0.000		0.000		0.000		0.000	6.590	3.114 *	5.660	0.000
24		0.000		0.000		0.000		0.000	6.675	4.422	5.625	0.000
25		0.000		0.000		0.000		0.000	6.583	2.775	5.590	0.000
26		0.000		0.000		0.000		0.000	6.523	1.846		0.000
27		0.000		0.000		0.000		0.000	6.175	0.463		0.000
28		0.000		0.000		0.000		0.000	6.235	0.611		0.000
29		0.000		0.000		0.000		0.000	6.190	0.478 *		0.000
30		0.000		0.000		0.000	5.590	0.000	6.100	0.212 *		0.000
31				0.000		0.000			6.243	0.612		
Ten-Daily Mean												
I Ten-Daily	5.716	0.000		0.000		0.000	5.990	0.276	5.841	0.000	6.046	0.180
II Ten-Daily	5.672	0.000		0.000		0.000	5.600	0.000	5.721	0.000	5.699	0.000
III Ten-Daily	5.560	0.000		0.000		0.000	5.590	0.000	6.328	1.324	5.655	0.000
Monthly												
Min.	5.560	0.000		0.000		0.000	5.560	0.000	5.575	0.000	5.590	0.000
Max.	5.880	0.000		0.000		0.000	6.400	1.466	6.675	4.422	6.190	0.472
Mean	5.687	0		0		0	5.878	0.092	5.972	0.47	5.829	0.06

Annual Runoff in MCM = 6 Annual Runoff in mm =

Peak Observed Discharge = 7.901 cumecs on 28/01/2017 Corres. Water Level :6.95 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :5.74 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 2016 - 2017

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

Local River : Thirumalairajanar **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		0.000	6.060	0.000	6.478	2.324 #		0.000		0.000		0.000
2		0.000	6.003	0.000	6.335	1.266 #		0.000		0.000		0.000
3		0.000	5.980	0.000	6.168	0.422		0.000		0.000		0.000
4		0.000	5.925	0.000	6.213	0.517		0.000		0.000		0.000
5		0.000	5.810	0.000	6.080	0.178		0.000		0.000		0.000
6		0.000	5.735	0.000	6.030	0.087 #		0.000		0.000		0.000
7		0.000	5.700	0.000	5.975	0.000		0.000		0.000		0.000
8		0.000	5.630	0.000	5.940	0.000		0.000		0.000		0.000
9		0.000	5.585	0.000	5.860	0.000		0.000		0.000		0.000
10		0.000		0.000	5.790	0.000		0.000		0.000		0.000
11		0.000		0.000	5.740	0.000		0.000		0.000		0.000
12		0.000		0.000	5.700	0.000		0.000		0.000		0.000
13		0.000		0.000	5.675	0.000		0.000		0.000		0.000
14		0.000		0.000	5.640	0.000		0.000		0.000		0.000
15		0.000		0.000	5.615	0.000		0.000		0.000		0.000
16		0.000		0.000	5.590	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	5.595	0.000		0.000		0.000		0.000		0.000
23		0.000	6.678	4.491		0.000		0.000		0.000		0.000
24		0.000	6.448	2.068 #		0.000		0.000		0.000		0.000
25		0.000	6.315	1.143 #		0.000		0.000		0.000		0.000
26		0.000	6.230	0.673 *		0.000		0.000		0.000		0.000
27		0.000	6.755	6.365		0.000		0.000		0.000		0.000
28		0.000	6.950	7.901		0.000		0.000		0.000		0.000
29	5.590	0.000	6.900	7.694 *				0.000		0.000		0.000
30	6.075	0.183	6.848	7.183				0.000		0.000		0.000
31	6.050	0.119 #	6.658	3.847				0.000				0.000
Ten-Daily Mean												
I Ten-Daily		0.000	5.825	0.000	6.087	0.479		0.000		0.000		0.000
II Ten-Daily		0.000		0.000	5.660	0.000		0.000		0.000		0.000
III Ten-Daily	5.905	0.027	6.537	3.761		0.000		0.000		0.000		0.000
Monthly												
Min.	5.590	0.000	5.585	0.000	5.590	0.000		0.000		0.000		0.000
Max.	6.075	0.183	6.950	7.901	6.478	2.324		0.000		0.000		0.000
Mean	5.905	0.01	6.200	1.334	5.927	0.171		0		0		0

Peak Computed Discharge = 7.694 cumecs on 29/01/2017 **Corres. Water Level :6.9 m**

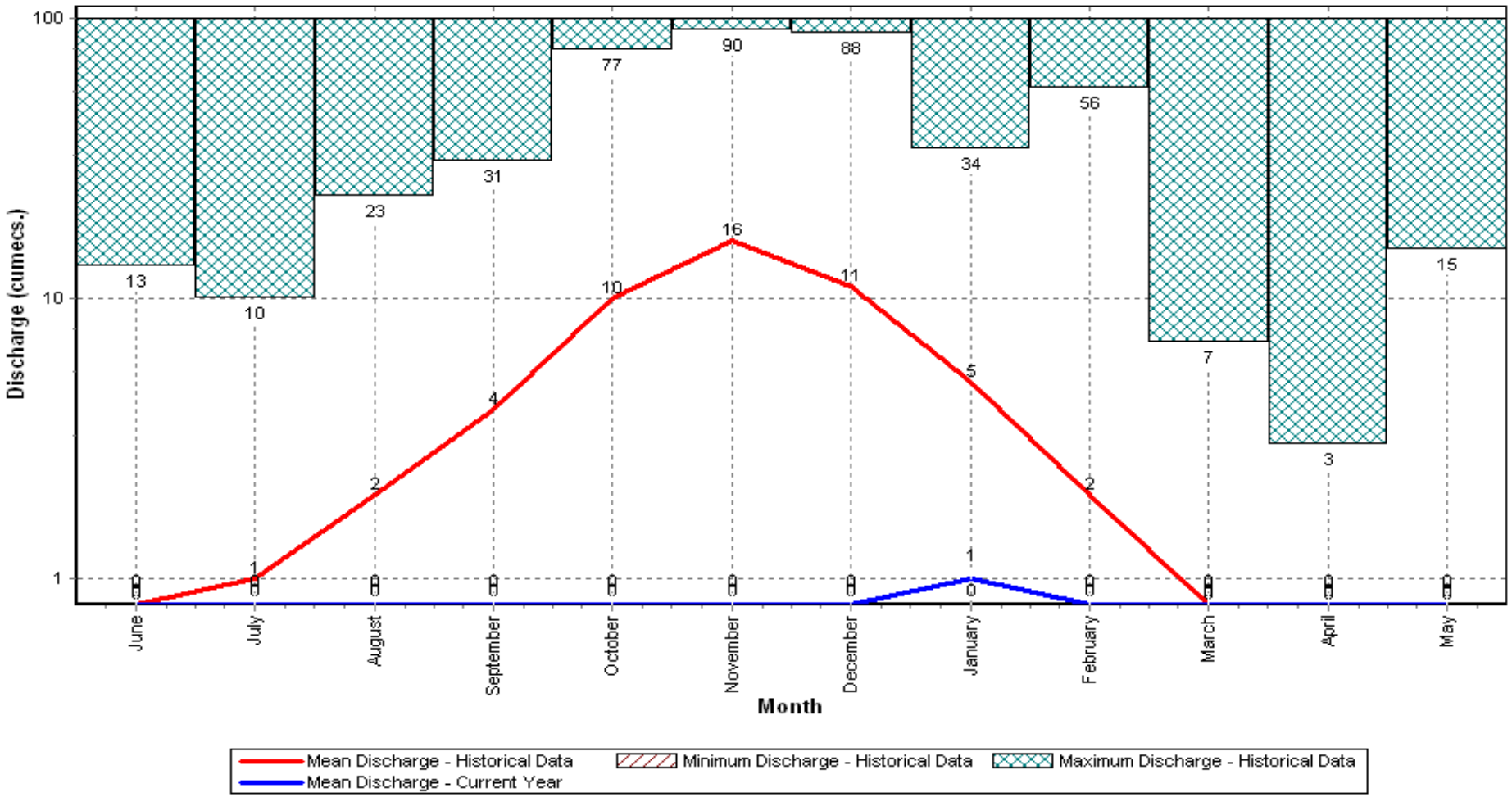
Lowest Computed Discharge = 0.037 cumecs on 05/09/2016 **Corres. Water Level :5.975 m**

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 : 2016-2017

Station Name : Thengudi (CCA31N6) | **Data considered : 1998-2017** | **Division : Hydrology Division, Chennai**

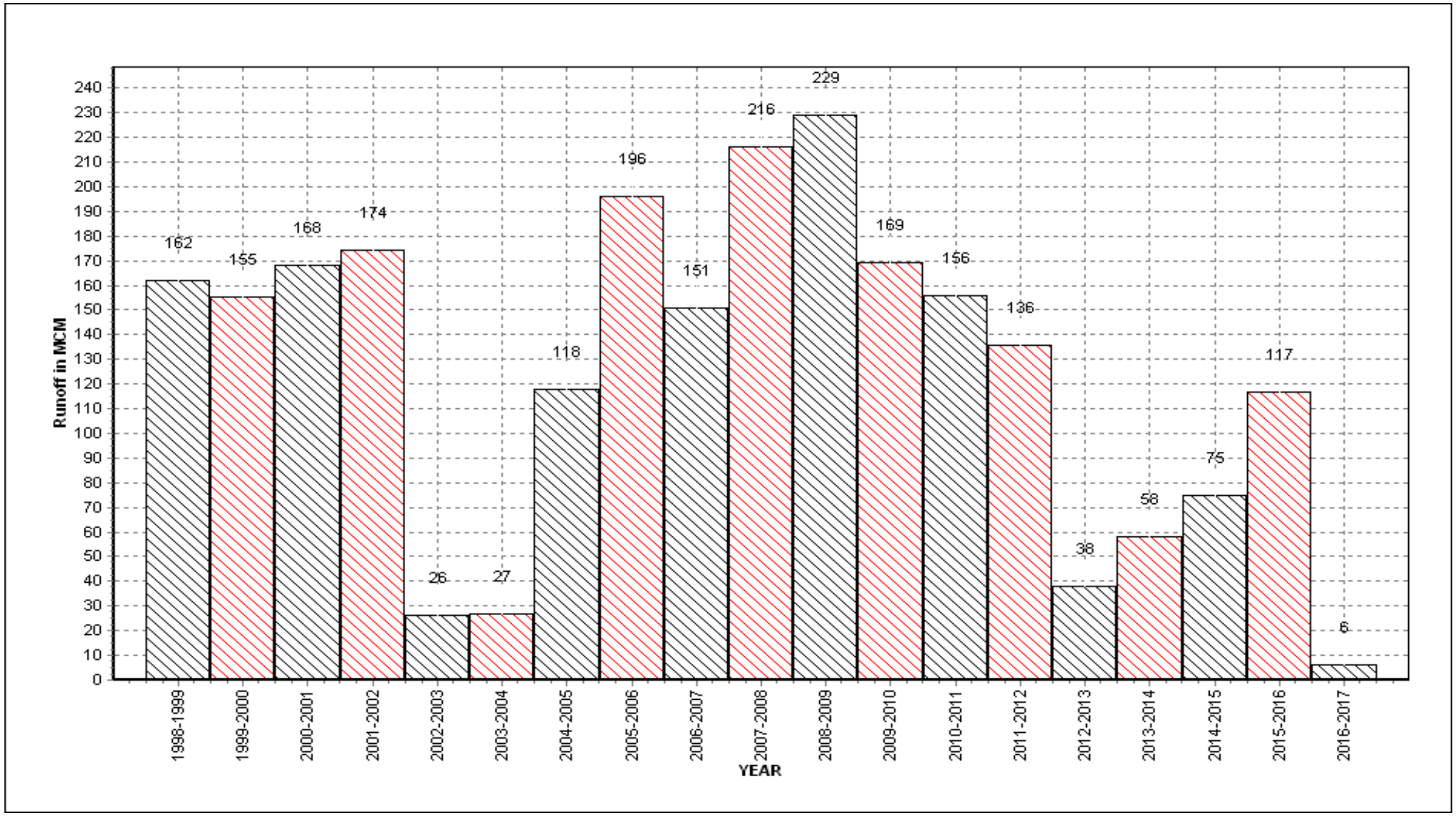
Local River : Thirumalairajanar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1998 - 2017

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

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

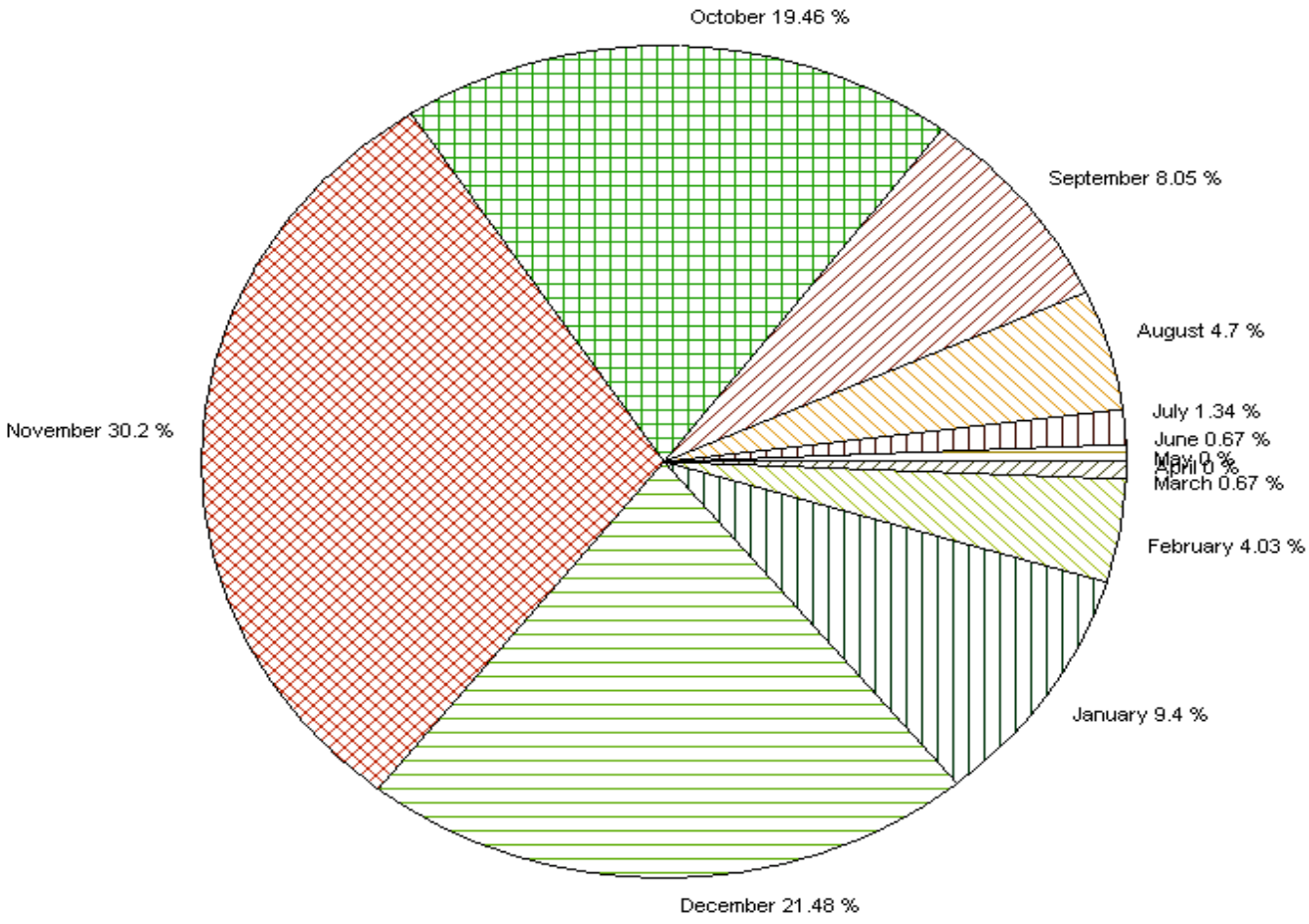


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1998-2016

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



June	0.67 %
July	1.34 %
August	4.7 %
September	8.05 %
October	19.46 %
November	30.2 %
December	21.48 %
January	9.4 %
February	4.03 %
March	0.67 %
April	0 %
May	0 %

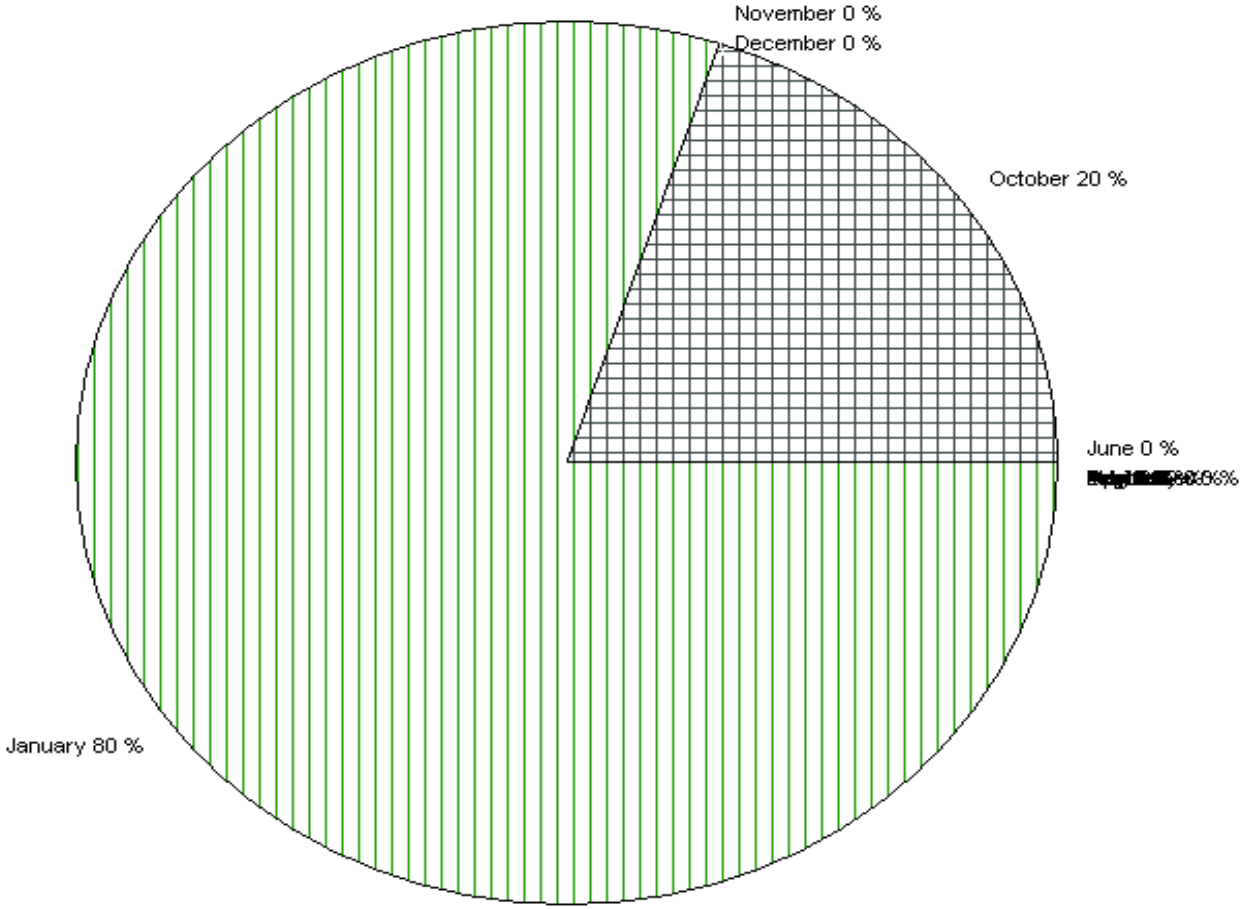
Monthly Runoff for the Year : 2016-2017

Station Name : Thengudi (CCA31N6)

Local River : Thirumalairajanar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal

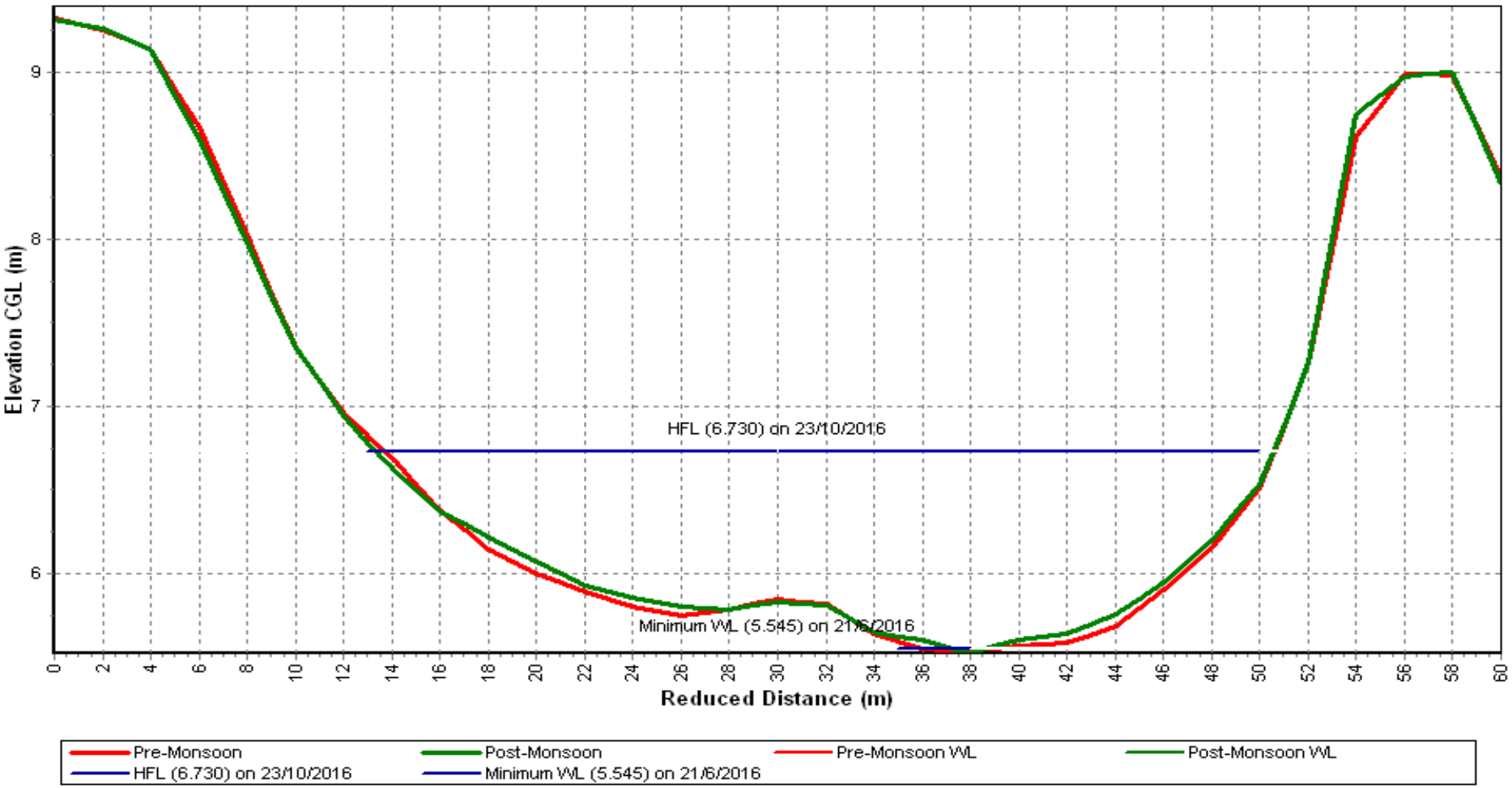


June	0 %
July	0 %
August	0 %
September	0 %
October	20 %
November	0 %
December	0 %
January	80 %
February	0 %
March	0 %
April	0 %
May	0 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

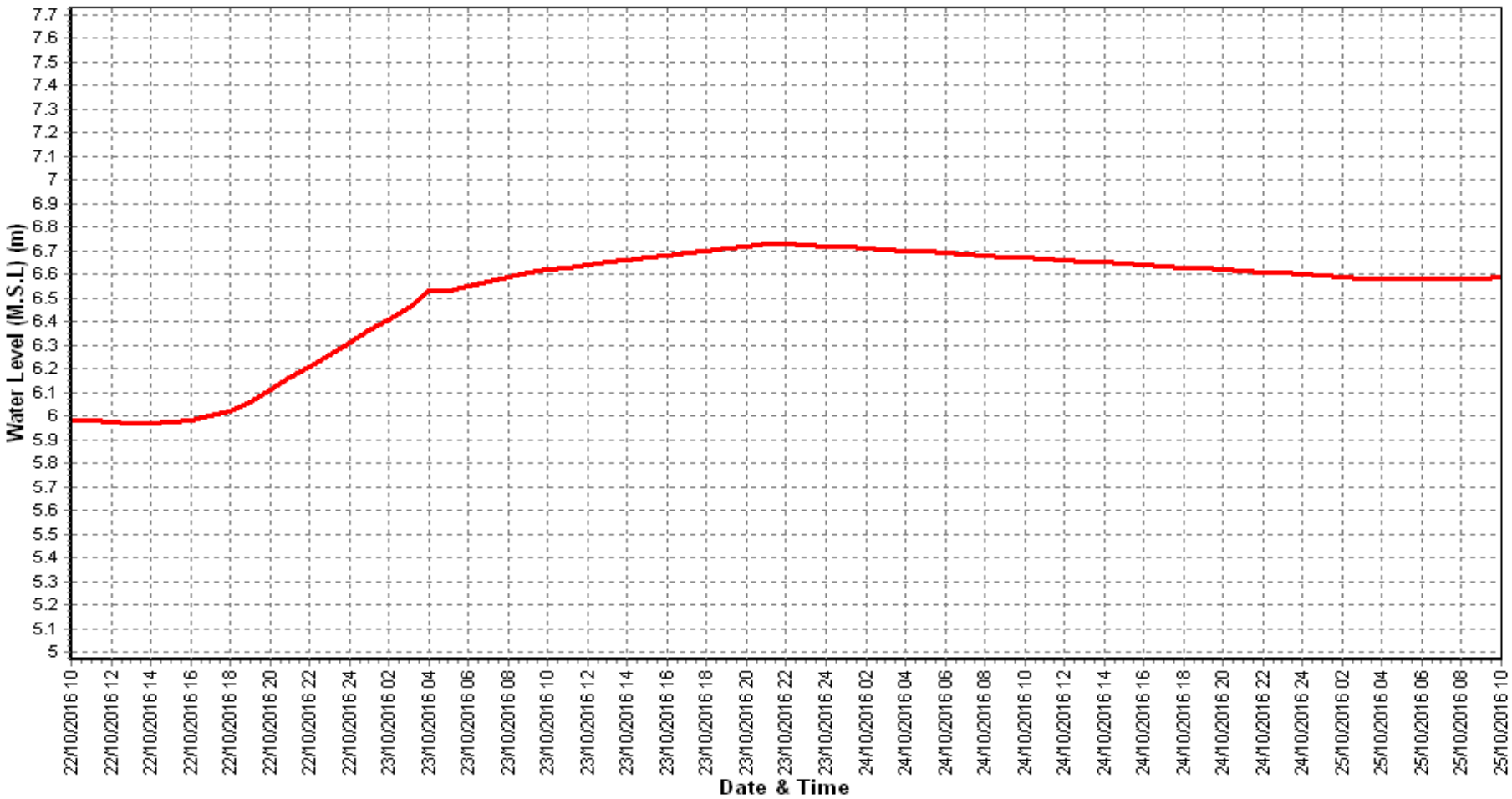
Local River : Thirumalairajanar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

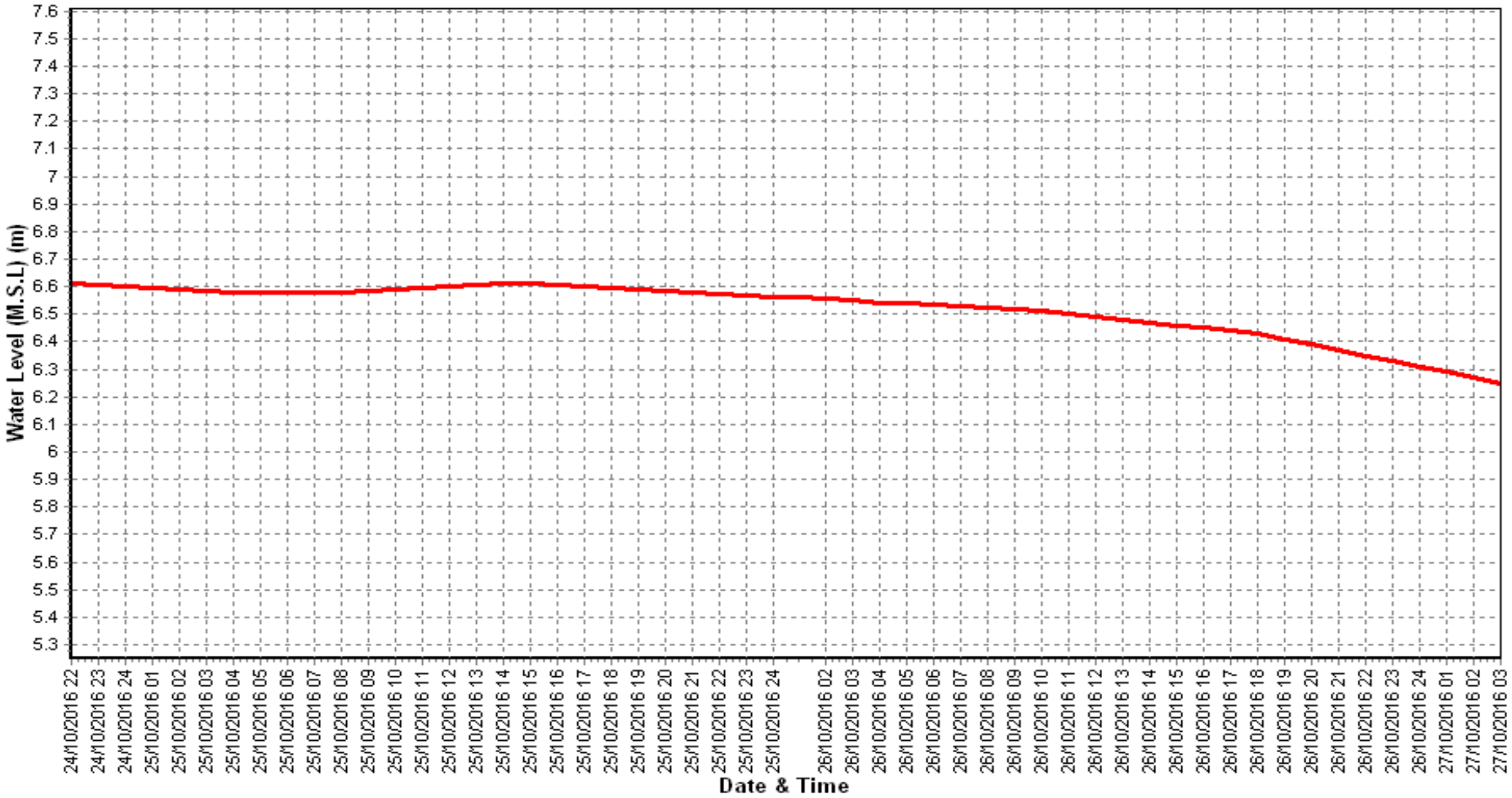


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

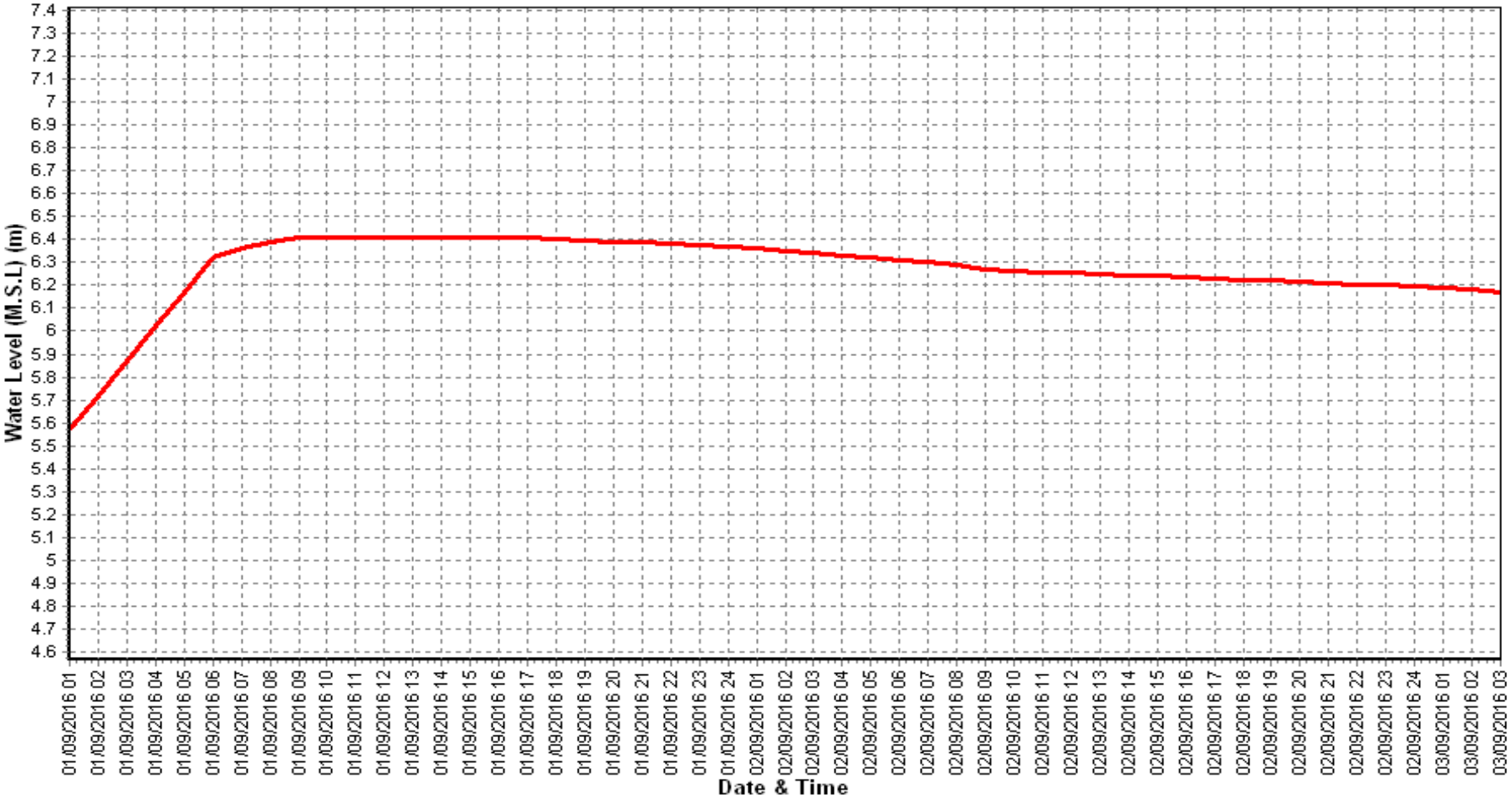


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2016-2017

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

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

Stage-Discharge Data for the period 2016 - 2017

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	80.660	6.679 #	80.640	6.389	81.500	86.41	81.190	2.008	81.850	209.7	81.440	87.50
2	80.660	6.679 #	80.670	9.167	81.440	79.01	81.180	1.563	81.855	224.1 *	81.375	62.59
3	80.655	6.476 #	80.680	7.532 *	81.330	63.93 #	81.180	1.678	81.850	209.7	81.330	58.56
4	80.650	6.276 #	80.540	3.102	81.240	52.75 #	81.170	1.606 *	81.870	230.9	81.370	62.12
5	80.650	6.276 *	80.520	2.973	81.170	44.79 #	81.170	1.606 *	81.830	193.6	81.140	45.36
6	80.610	4.809 #	80.500	2.269	80.780	13.58	81.160	1.369	81.780	191.8	81.190	52.50 *
7	80.660	5.673	80.490	1.720 *	80.715	8.907 *	81.160	1.233	81.790	213.3	81.155	50.09 #
8	80.580	3.910	80.540	3.203	80.690	7.161	81.180	1.727	81.830	205.4	81.130	47.75 #
9	80.575	3.391	80.545	3.236	81.310	4.392 #	81.210	1.841	81.820	206.1 *	81.130	47.75 #
10	80.570	3.230	80.550	3.032 *	81.370	5.573	81.220	1.864	81.890	238.9	81.020	39.68 #
11	80.560	2.965	80.580	4.966	81.330	4.971	81.250	3.010 *	81.910	254.0 *	80.880	33.51
12	80.555	3.161 *	80.610	5.828	81.330	4.887	81.240	2.926	81.890	242.9 *	81.180	51.69 #
13	80.540	2.370	80.620	6.389	81.310	4.728	81.240	2.808 *	81.870	236.0	81.090	44.72 *
14	80.530	2.247	80.540	3.406	81.310	4.392 *	81.230	2.719	81.885	261.6	80.700	20.78 *
15	80.525	2.144	80.510	2.267	81.320	4.651 *	81.220	2.549	82.120	499.6	80.870	29.06
16	80.520	2.134	80.520	2.265	81.280	3.462	81.235	2.619	82.070	417.8 *	80.560	14.67
17	80.510	2.307	80.510	2.108 *	81.270	3.089	81.230	2.818	82.030	432.2	80.510	3.766 #
18	80.505	2.222	80.510	2.111	81.250	2.862	81.230	2.613 *	81.925	304.0	80.500	3.995
19	80.500	1.908 *	80.480	1.540	81.230	2.736	81.230	2.967	81.920	311.1	80.490	3.335
20	80.510	2.020	80.470	1.345	81.220	2.732	81.240	3.443	81.920	312.5	80.480	3.496 *
21	80.500	1.897	80.515	2.007	81.200	2.076 *	81.235	3.151	81.890	275.3	80.400	2.773
22	80.500	1.844	80.520	2.353	81.200	2.363	81.245	3.345	81.865	314.0	80.345	2.268
23	80.490	1.437	80.590	3.957	81.195	2.120	81.985	287.9	81.760	253.4 *	81.420	2.991
24	80.500	1.658	80.610	4.809 *	81.190	1.915	81.990	308.8	81.715	240.2	81.400	2.733
25	80.500	1.768	80.625	5.428	81.190	1.912 *	81.980	294.6 *	81.695	235.4	81.390	2.548
26	80.490	1.720 *	80.655	6.140	81.160	1.621	81.965	303.4	81.650	213.3	81.370	2.391
27	80.490	1.532	80.900	21.30 #	81.230	2.687	81.960	297.1	81.700	234.9	81.360	2.362 *
28	80.500	1.650	81.790	165.1	81.250	3.010 *	81.925	259.9	81.680	216.3	81.340	2.291
29	80.490	1.596	81.775	188.1	81.215	2.177	81.940	257.0	81.700	227.1 *	81.330	2.109
30	80.480	1.412	81.720	150.9	81.200	1.904	81.900	239.9	81.520	83.13 *	81.330	2.073
31			81.635	141.8 *	81.190	1.895			81.460	87.77		
Ten-Daily Mean												
I Ten-Daily	80.627	5.340	80.567	4.262	81.154	36.65	81.182	1.650	81.837	212.3	81.228	55.39
II Ten-Daily	80.525	2.348	80.535	3.222	81.285	3.851	81.234	2.847	81.954	327.2	80.726	20.90
III Ten-Daily	80.494	1.651	81.030	62.90	81.202	2.153	81.813	225.5	81.694	216.4	81.169	2.454
Monthly												
Min.	80.480	1.412	80.470	1.345	80.690	1.621	81.160	1.233	81.460	83.13	80.345	2.073
Max.	80.660	6.679	81.790	188.1	81.500	86.41	81.990	308.8	82.120	499.6	81.440	87.50
Mean	80.549	3.113	80.721	24.73	81.213	13.83	81.410	76.67	81.824	250.8	81.041	26.25

Annual Runoff in MCM = 1056 Annual Runoff in mm = 16

Peak Observed Discharge = 499.6 cumecs on 15/10/2016 Corres. Water Level :82.12 m

Lowest Observed Discharge = 0.000 cumecs on 17/02/2017 Corres. Water Level :80.99 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 2016 - 2017

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	81.320	1.872	81.255	1.426 *	81.075	0.268	80.925	0.000	80.655	0.000		0.000
2	81.410	3.113	81.220	1.155	81.070	0.295	80.920	0.000	80.655	0.000		0.000
3	81.425	3.354	81.210	1.066	81.075	0.297	80.920	0.000	80.655	0.000		0.000
4	81.420	3.195 *	81.210	1.033	81.065	0.264	80.910	0.000	80.655	0.000		0.000
5	81.390	2.758	81.195	0.889	81.065	0.254 *	80.910	0.000	80.645	0.000		0.000
6	81.360	2.444	81.185	0.803	81.055	0.210	80.905	0.000	80.645	0.000		0.000
7	81.340	2.253	81.185	0.830	81.050	0.175	80.990	0.000	80.645	0.000		0.000
8	81.335	1.999	81.185	0.886 *	81.050	0.177	80.980	0.000	80.640	0.000		0.000
9	81.320	1.838	81.190	0.866	81.035	0.152	80.975	0.000	80.635	0.000		0.000
10	81.310	1.598	81.180	0.826	81.030	0.144	80.960	0.000	80.635	0.000		0.000
11	81.305	1.889 *	81.150	0.736	81.020	0.089	80.965	0.000	80.630	0.000		0.000
12	81.310	1.656	81.150	0.733	81.010	0.091 *	80.960	0.000	80.630	0.000		0.000
13	81.300	1.840 *	81.125	0.509	81.010	0.067	80.990	0.000	80.625	0.000		0.000
14	81.270	1.327	81.110	0.447 *	81.005	0.064	80.740	0.000	80.625	0.000		0.000
15	81.265	1.306	81.110	0.447 *	81.005	0.069	80.720	0.000	80.620	0.000		0.000
16	81.260	1.288	81.110	0.499	81.000	0.068	80.710	0.000	80.620	0.000		0.000
17	81.260	1.291	81.110	0.487	80.990	0.000	80.700	0.000	80.620	0.000		0.000
18	81.250	1.383 *	81.100	0.501	80.985	0.000	80.690	0.000	80.620	0.000		0.000
19	81.240	1.160	81.100	0.441	80.985	0.000	80.685	0.000	80.620	0.000		0.000
20	81.180	0.866	81.100	0.457	80.975	0.000	80.685	0.000	80.615	0.000		0.000
21	81.190	0.898	81.120	0.590	80.970	0.000	80.685	0.000	80.610	0.000		0.000
22	81.200	0.935	81.110	0.447 *	80.970	0.000	80.680	0.000	80.610	0.000		0.000
23	81.180	0.795	81.115	0.558	80.970	0.000	80.680	0.000	80.605	0.000		0.000
24	81.180	0.838	81.100	0.495	80.965	0.000	80.675	0.000	80.605	0.000		0.000
25	81.180	0.852 *	81.100	0.466	80.965	0.000	80.670	0.000	80.605	0.000		0.000
26	81.200	1.062	81.095	0.377 *	80.955	0.000	80.670	0.000	80.605	0.000		0.000
27	81.200	1.039	81.100	0.495	80.940	0.000	80.670	0.000	80.605	0.000		0.000
28	81.220	1.292	81.130	0.607	80.930	0.000	80.665	0.000	80.585	0.000		0.000
29	81.240	1.497	81.140	0.605 *			80.660	0.000	80.585	0.000		0.000
30	81.255	1.547	81.100	0.465			80.660	0.000	80.585	0.000		0.000
31	81.235	1.436	81.090	0.362			80.655	0.000				0.000
Ten-Daily Mean												
I Ten-Daily	81.363	2.442	81.201	0.978	81.057	0.224	80.939	0.000	80.646	0.000		0.000
II Ten-Daily	81.264	1.401	81.116	0.526	80.998	0.045	80.785	0.000	80.622	0.000		0.000
III Ten-Daily	81.207	1.108	81.109	0.497	80.958	0.000	80.670	0.000	80.600	0.000		0.000
Monthly												
Min.	81.180	0.795	81.090	0.362	80.930	0.000	80.655	0.000	80.585	0.000		0.000
Max.	81.425	3.354	81.255	1.426	81.075	0.297	80.990	0.000	80.655	0.000		0.000
Mean	81.276	1.633	81.141	0.661	81.008	0.096	80.794	0	80.623	0		0

Peak Computed Discharge = 417.8 cumecs on 16/10/2016 **Corres. Water Level :82.07 m**

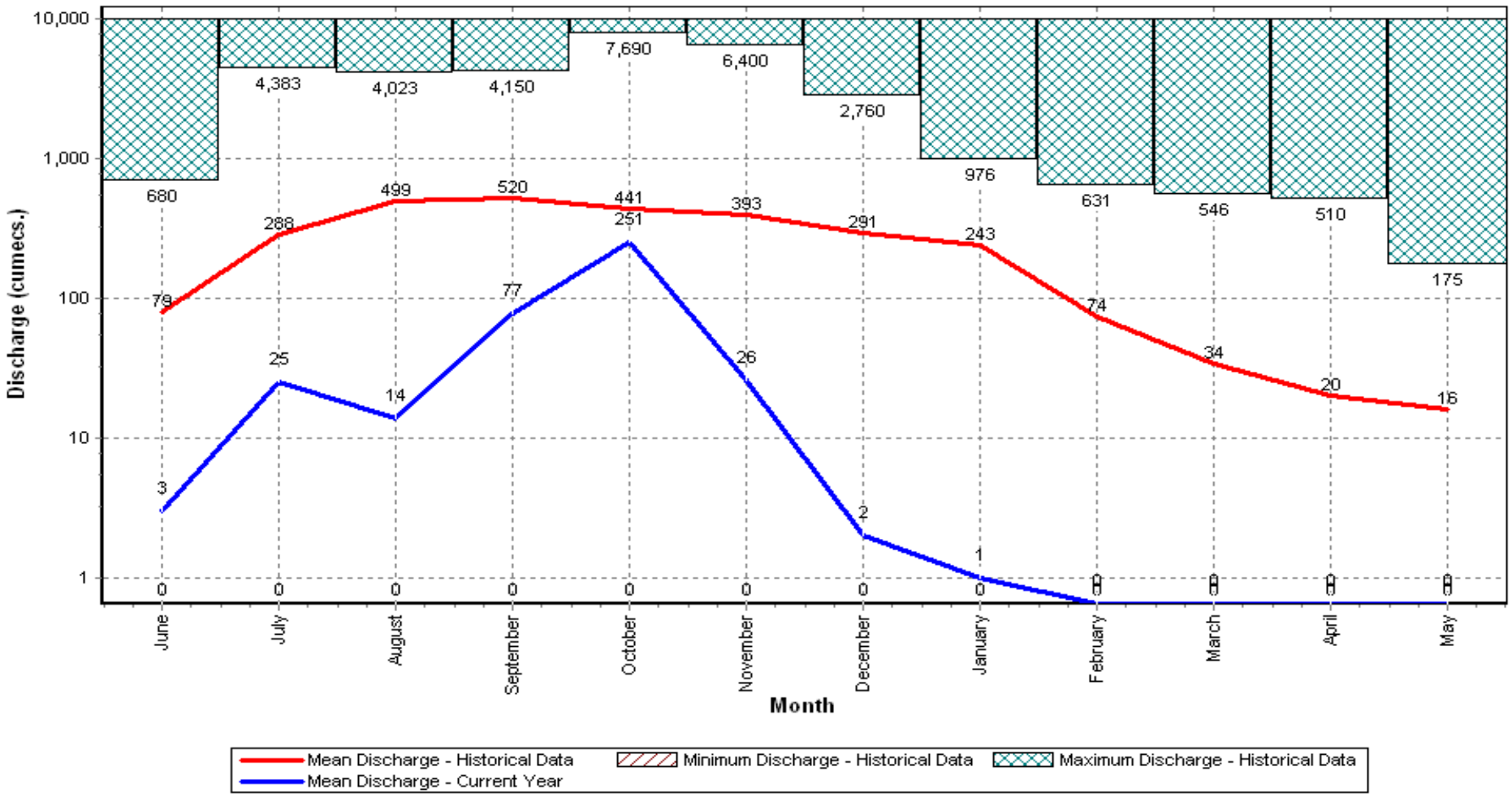
Lowest Computed Discharge = 0.091 cumecs on 12/02/2017 **Corres. Water Level :81.01 m**

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 : 2016-2017

Station Name : MUSIRI (CC000G4) **Data considered : 1973-2017** **Division : SR Division, Coimbatore**

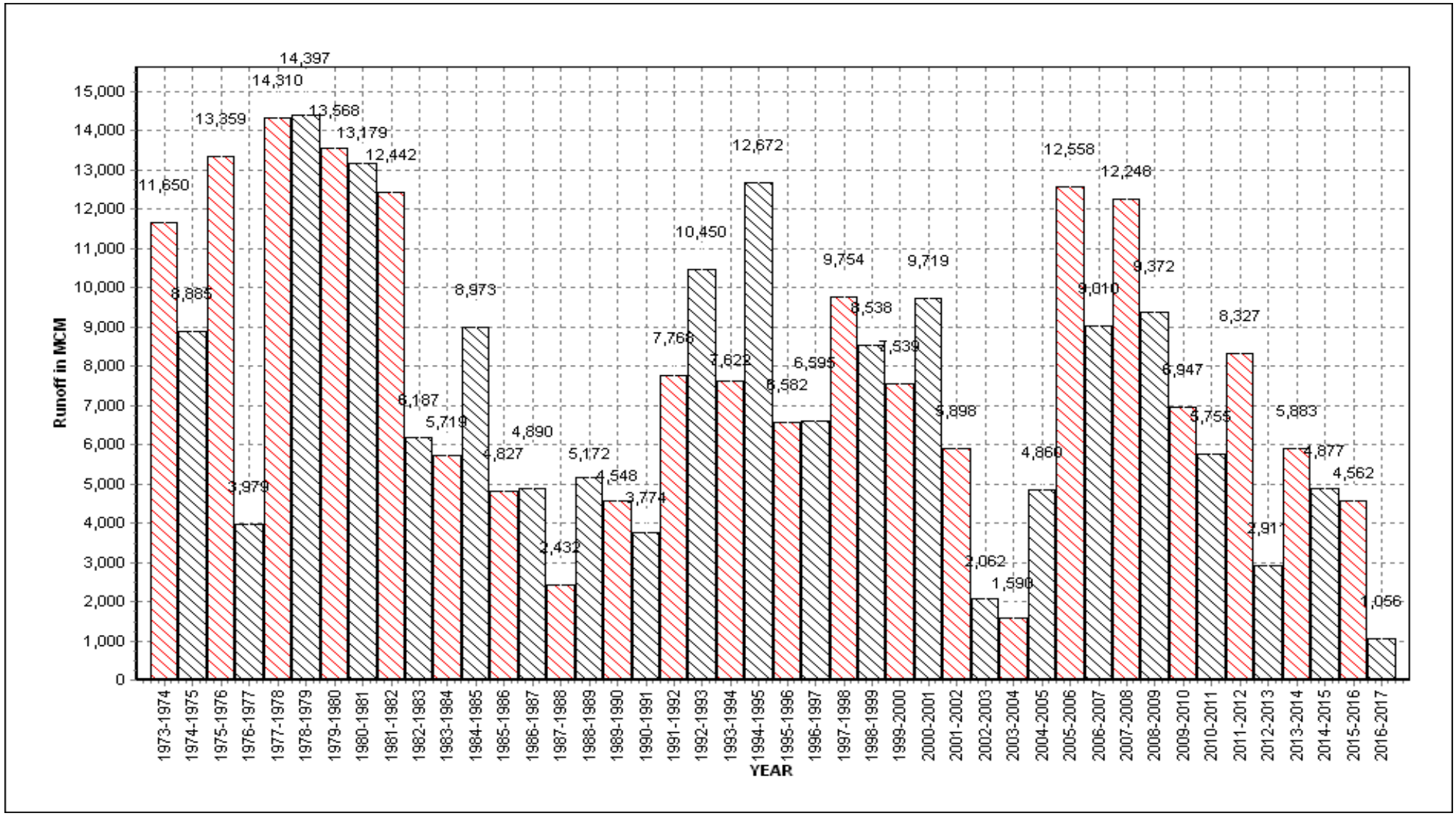
Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1973 - 2017

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

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

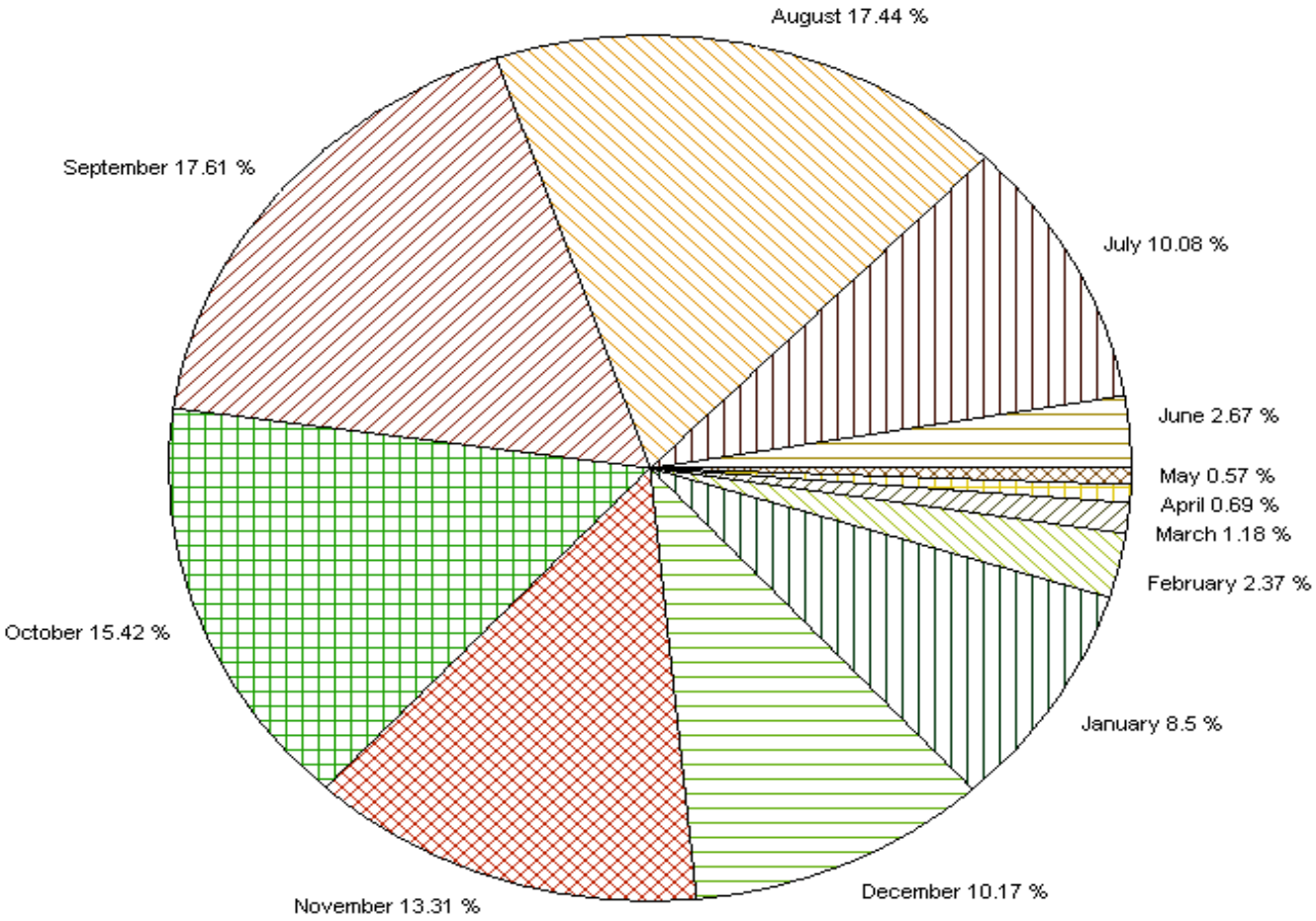


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1973-2016

Station Name : MUSIRI (CC000G4)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



June	2.67 %
July	10.08 %
August	17.44 %
September	17.61 %
October	15.42 %
November	13.31 %
December	10.17 %
January	8.5 %
February	2.37 %
March	1.18 %
April	0.69 %
May	0.57 %

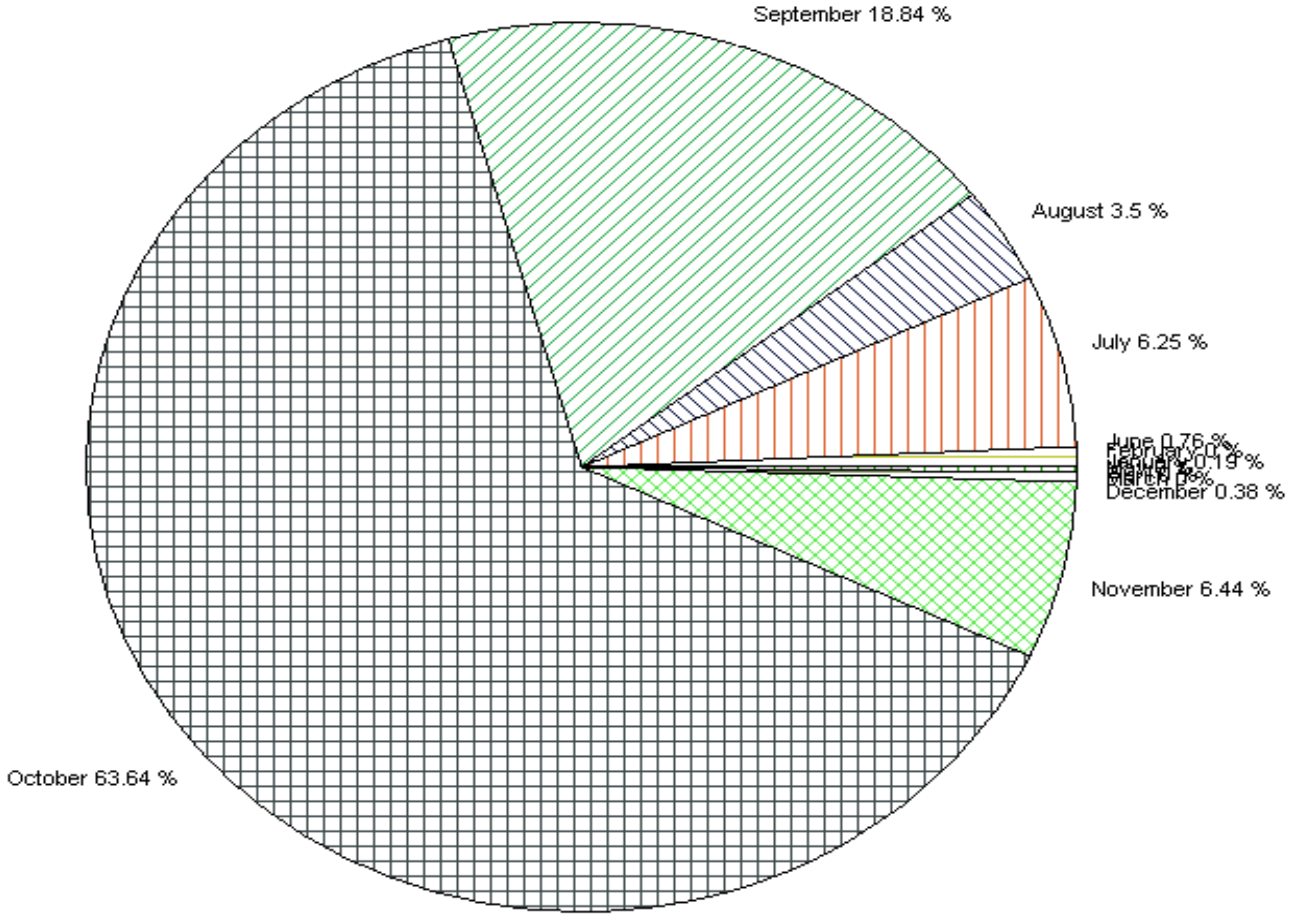
Monthly Runoff for the Year : 2016-2017

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi

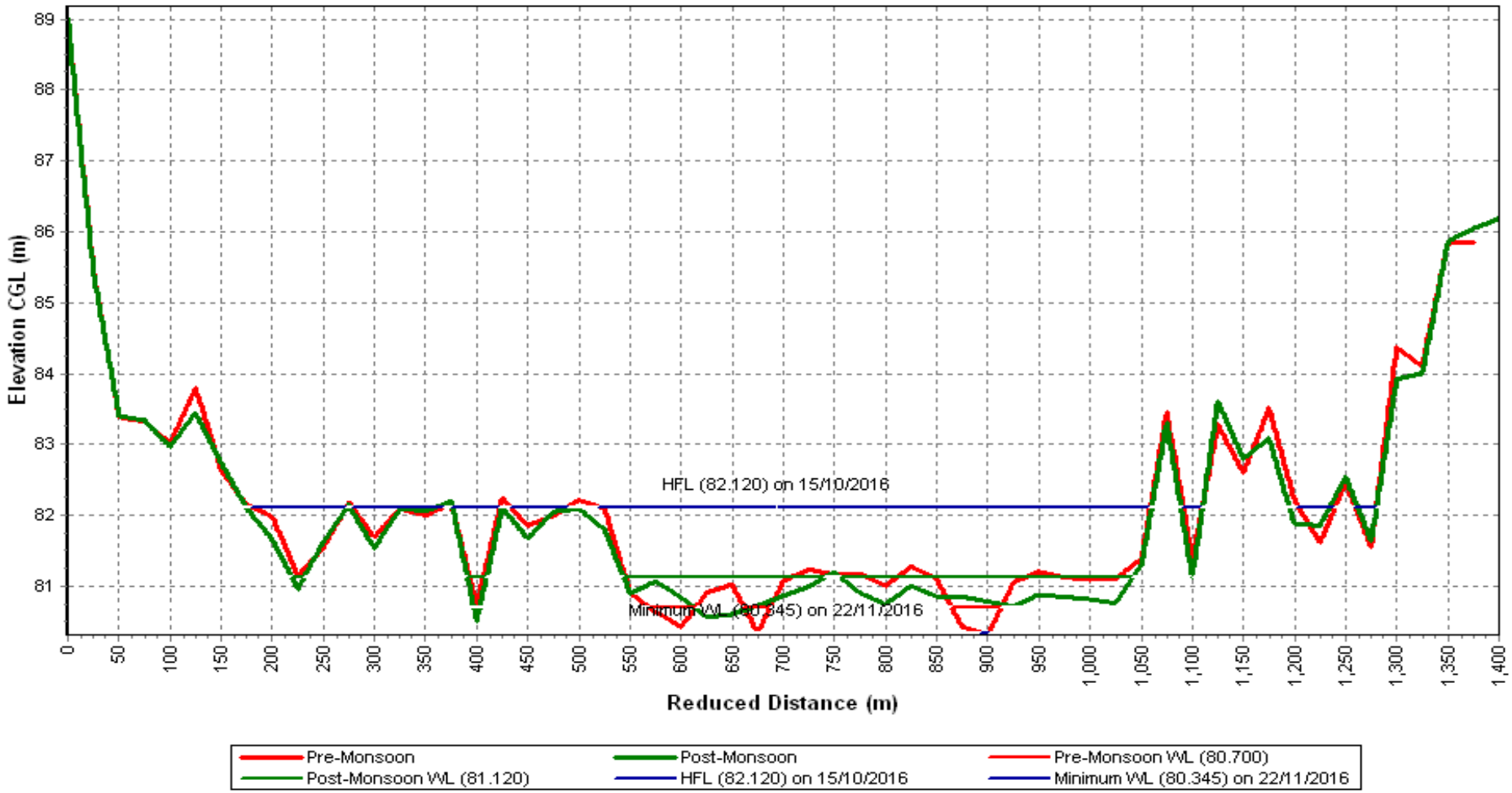


June	0.76 %
July	6.25 %
August	3.5 %
September	18.84 %
October	63.64 %
November	6.44 %
December	0.38 %
January	0.19 %
February	0 %
March	0 %
April	0 %
May	0 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

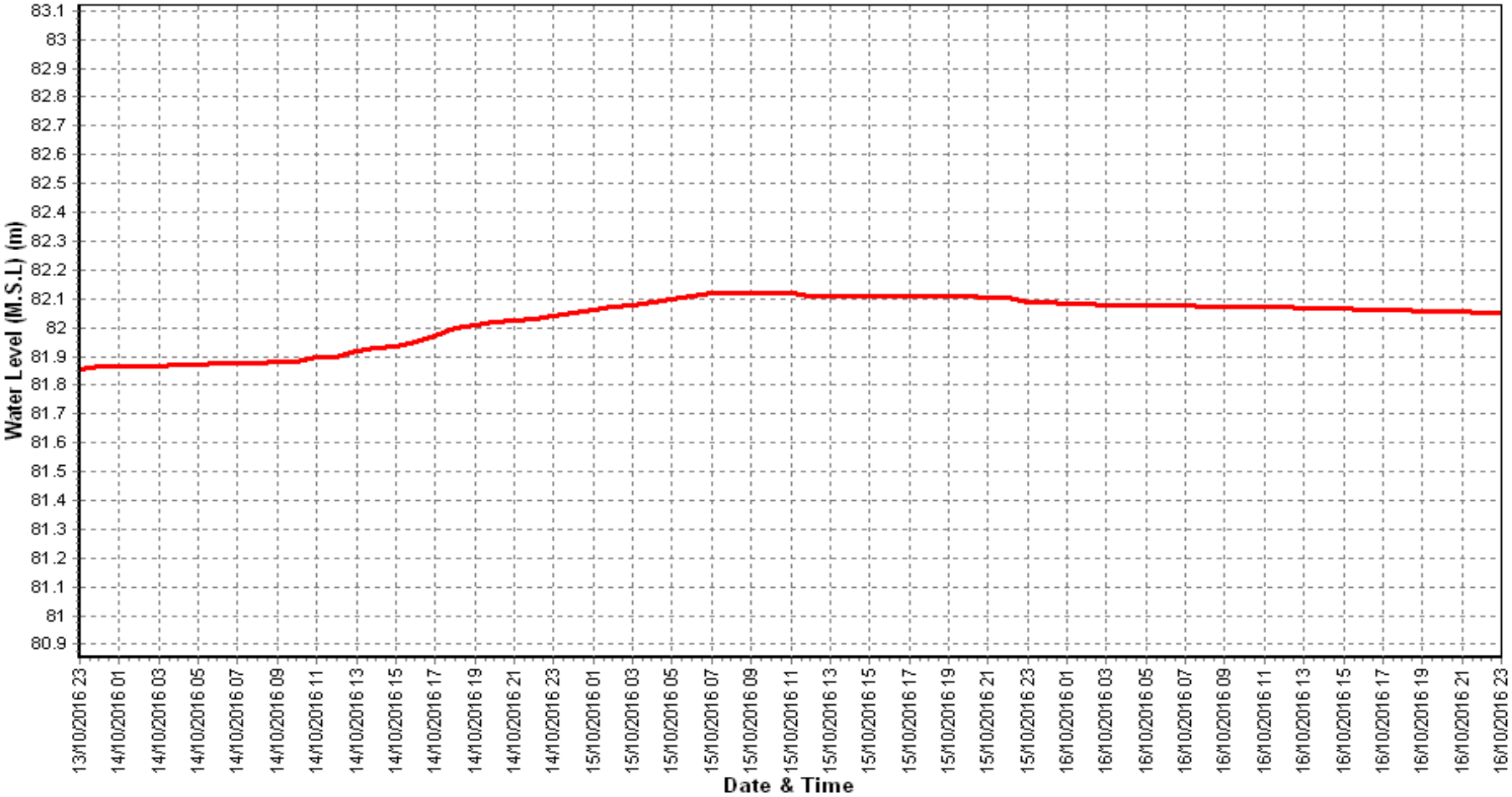
Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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



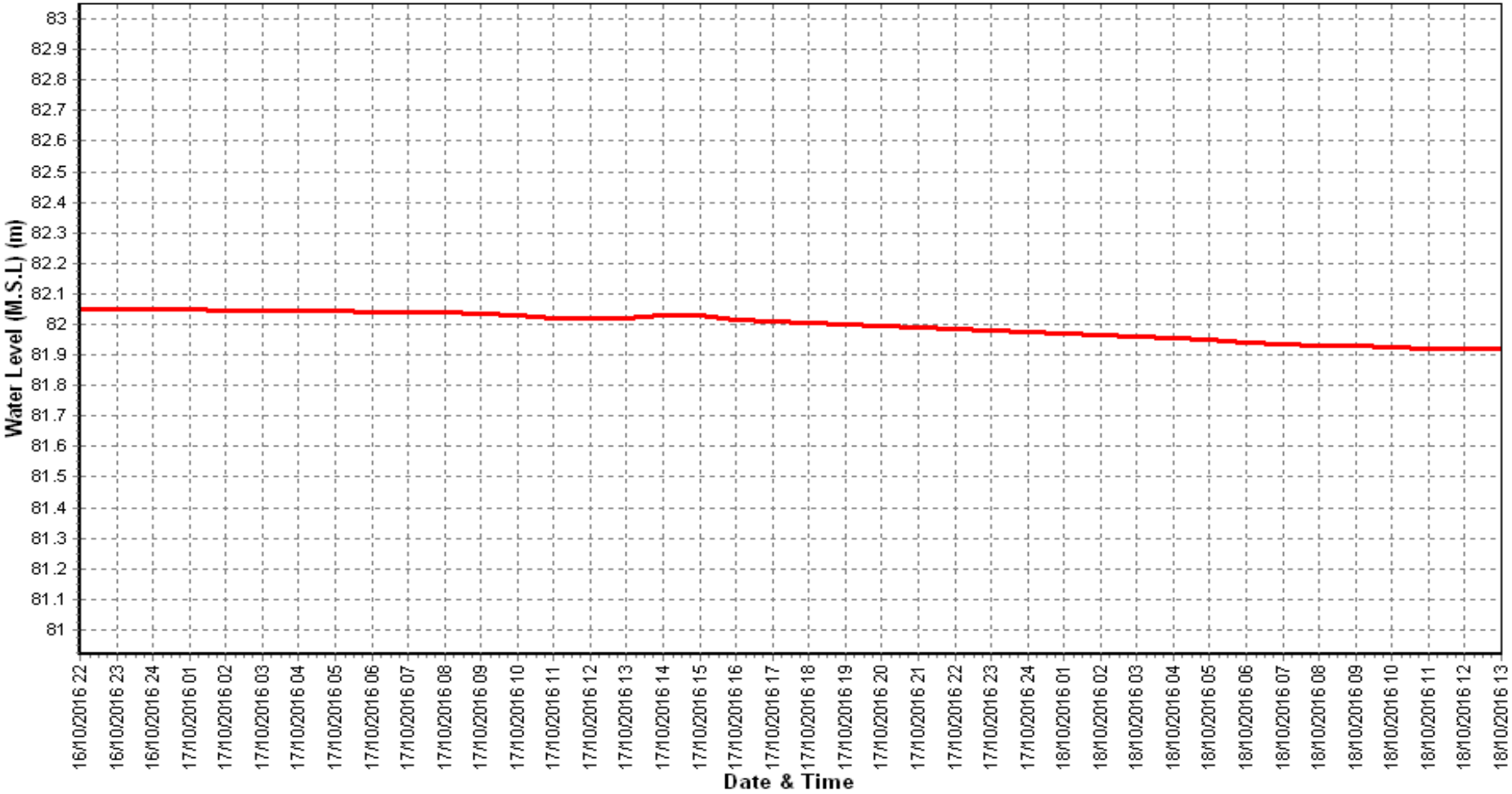
Time Span: 72 Hrs

94

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : MUSIRI (CC000G4) | **Division : SR Division, Coimbatore**

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

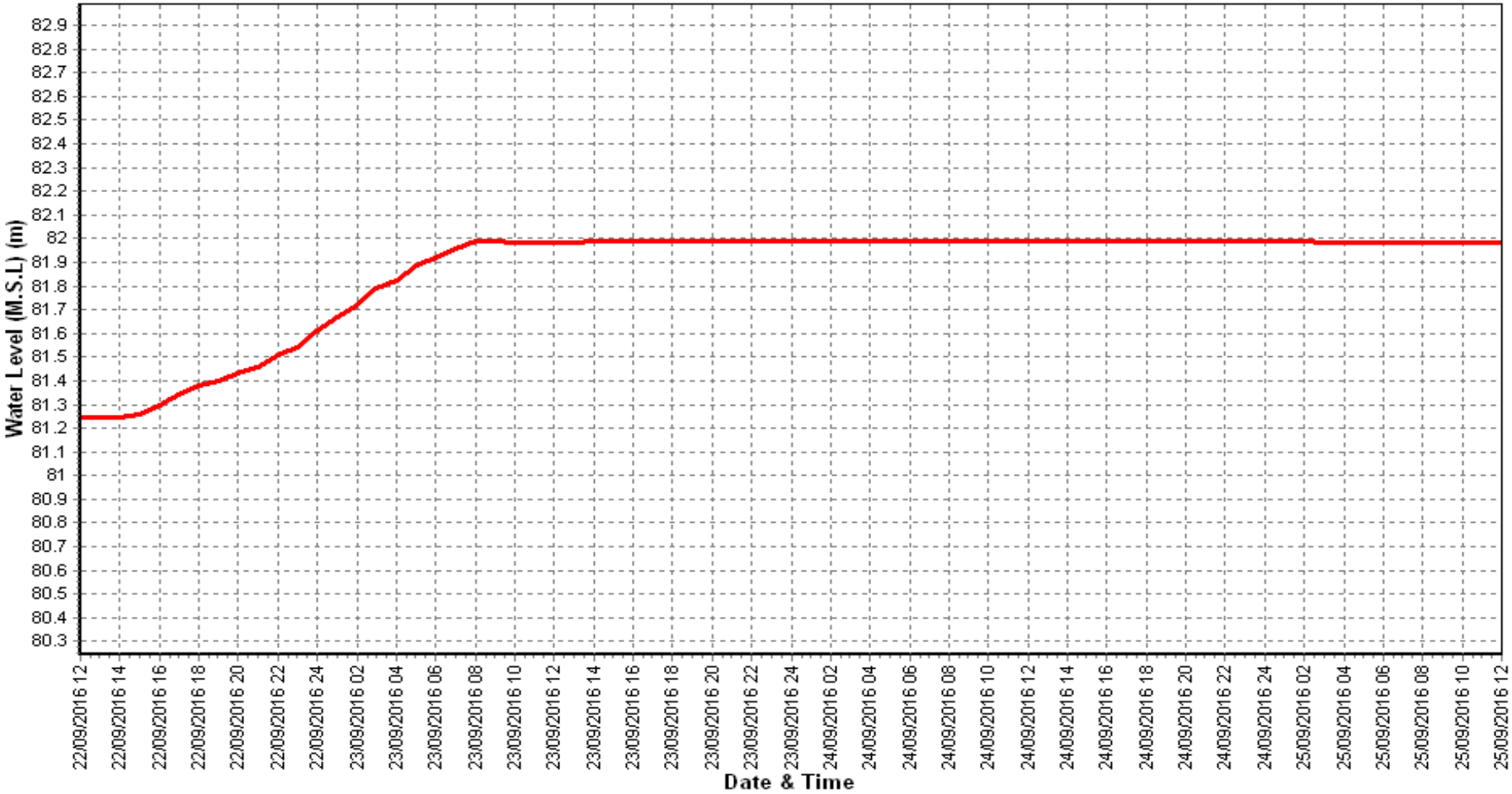


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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)

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

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	128.100	0.000		0.000		0.000		0.000
2		0.000		0.000	128.080	0.000		0.000		0.000		0.000
3		0.000		0.000	128.070	0.000		0.000		0.000		0.000
4		0.000		0.000	128.050	0.000		0.000		0.000		0.000
5		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
7		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
9		0.000	129.200	57.48		0.000		0.000		0.000		0.000
10		0.000	128.900	30.52 *		0.000		0.000		0.000		0.000
11		0.000	128.440	5.698		0.000		0.000		0.000		0.000
12		0.000	128.220	0.834		0.000		0.000		0.000		0.000
13		0.000	128.250	1.318		0.000		0.000		0.000		0.000
14		0.000	128.190	0.000		0.000		0.000		0.000		0.000
15		0.000	128.190	0.000		0.000		0.000		0.000		0.000
16		0.000	128.200	0.000		0.000		0.000		0.000		0.000
17		0.000	128.180	0.000		0.000		0.000		0.000		0.000
18		0.000	128.170	0.000		0.000		0.000		0.000		0.000
19		0.000	128.150	0.000		0.000		0.000		0.000		0.000
20		0.000	128.140	0.000		0.000		0.000		0.000		0.000
21		0.000	128.140	0.000		0.000		0.000		0.000		0.000
22		0.000	128.130	0.000		0.000		0.000		0.000		0.000
23		0.000	128.090	0.000		0.000		0.000		0.000		0.000
24		0.000	128.070	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	128.110	0.000		0.000		0.000		0.000		0.000
28		0.000	128.160	0.000		0.000		0.000		0.000		0.000
29		0.000	128.170	0.000		0.000		0.000		0.000		0.000
30		0.000	128.150	0.000		0.000		0.000		0.000		0.000
31			128.130	0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000	129.050	8.800	128.075	0.000		0.000		0.000		0.000
II Ten-Daily		0.000	128.213	0.785		0.000		0.000		0.000		0.000
III Ten-Daily		0.000	128.128	0.000		0.000		0.000		0.000		0.000
Monthly												
Min.		0.000	128.070	0.000	128.050	0.000		0.000		0.000		0.000
Max.		0.000	129.200	57.48	128.100	0.000		0.000		0.000		0.000
Mean		0	128.256	3.092	128.075	0		0		0		0

Annual Runoff in MCM = 8 Annual Runoff in mm = 1

Peak Observed Discharge = 57.48 cumecs on 09/07/2016 Corres. Water Level :129.2 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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		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
3		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
5		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
7		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
9		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		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.		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
Mean		0		0		0		0		0		0

Peak Computed Discharge = 30.52 cumecs on 10/07/2016 **Corres. Water Level :128.9 m**

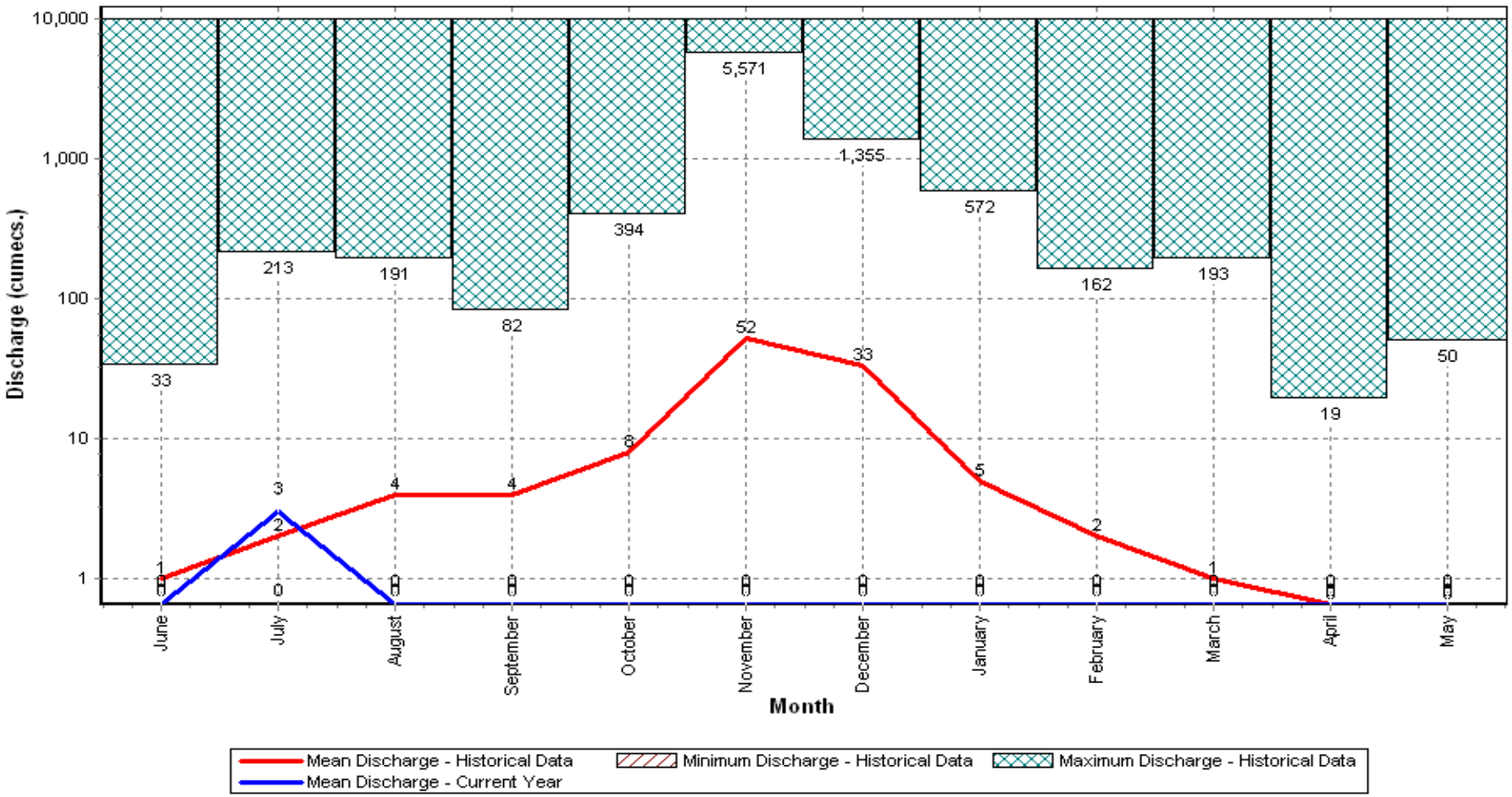
Lowest Computed Discharge = 30.52 cumecs on 10/07/2016 **Corres. Water Level :128.9 m**

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 : 2016-2017

Station Name : NALLAMARANPATTY (CCD00D5) **Data considered : 1978-2017** **Division : SR Division, Coimbatore**

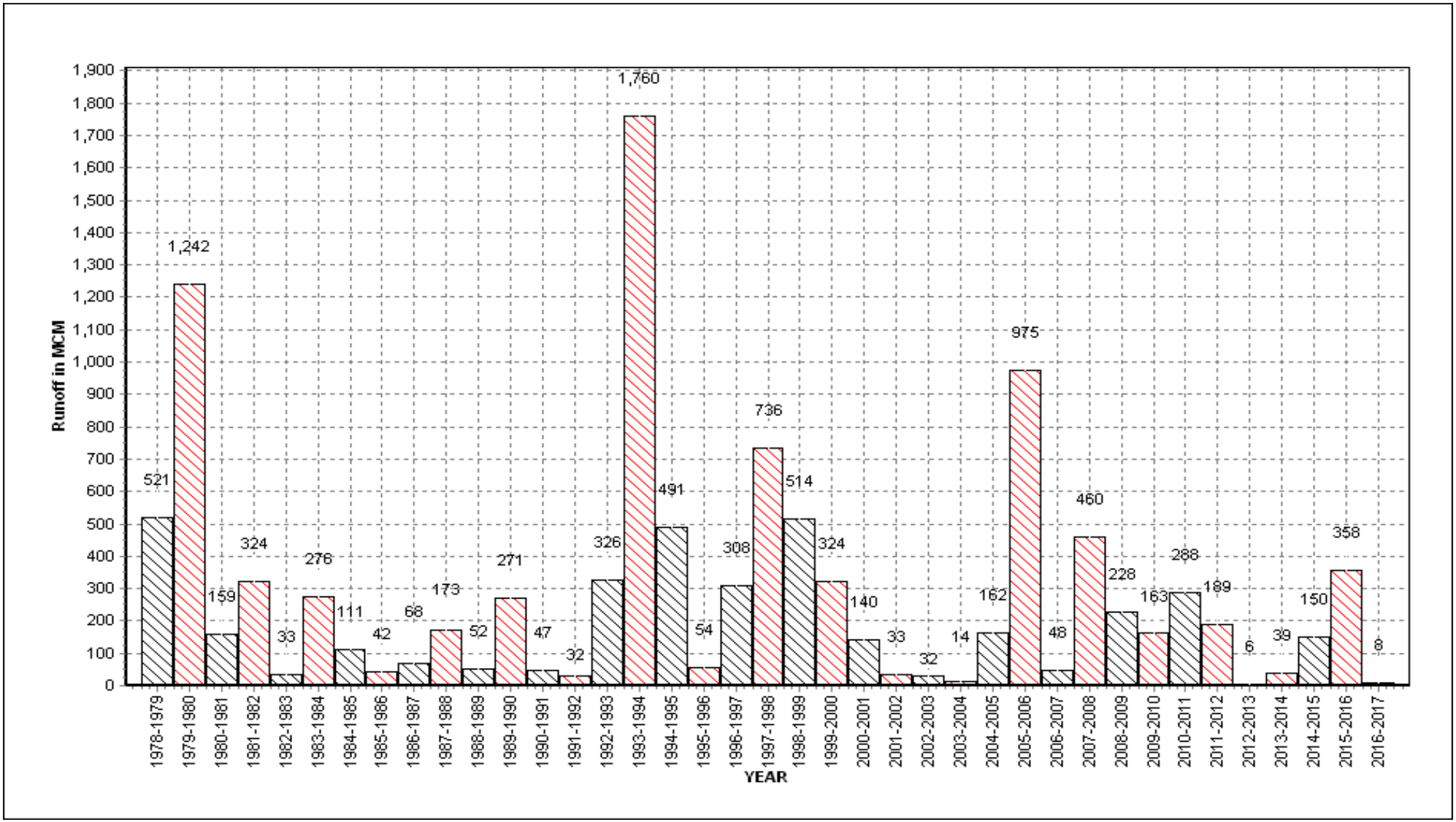
Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1978 - 2017

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

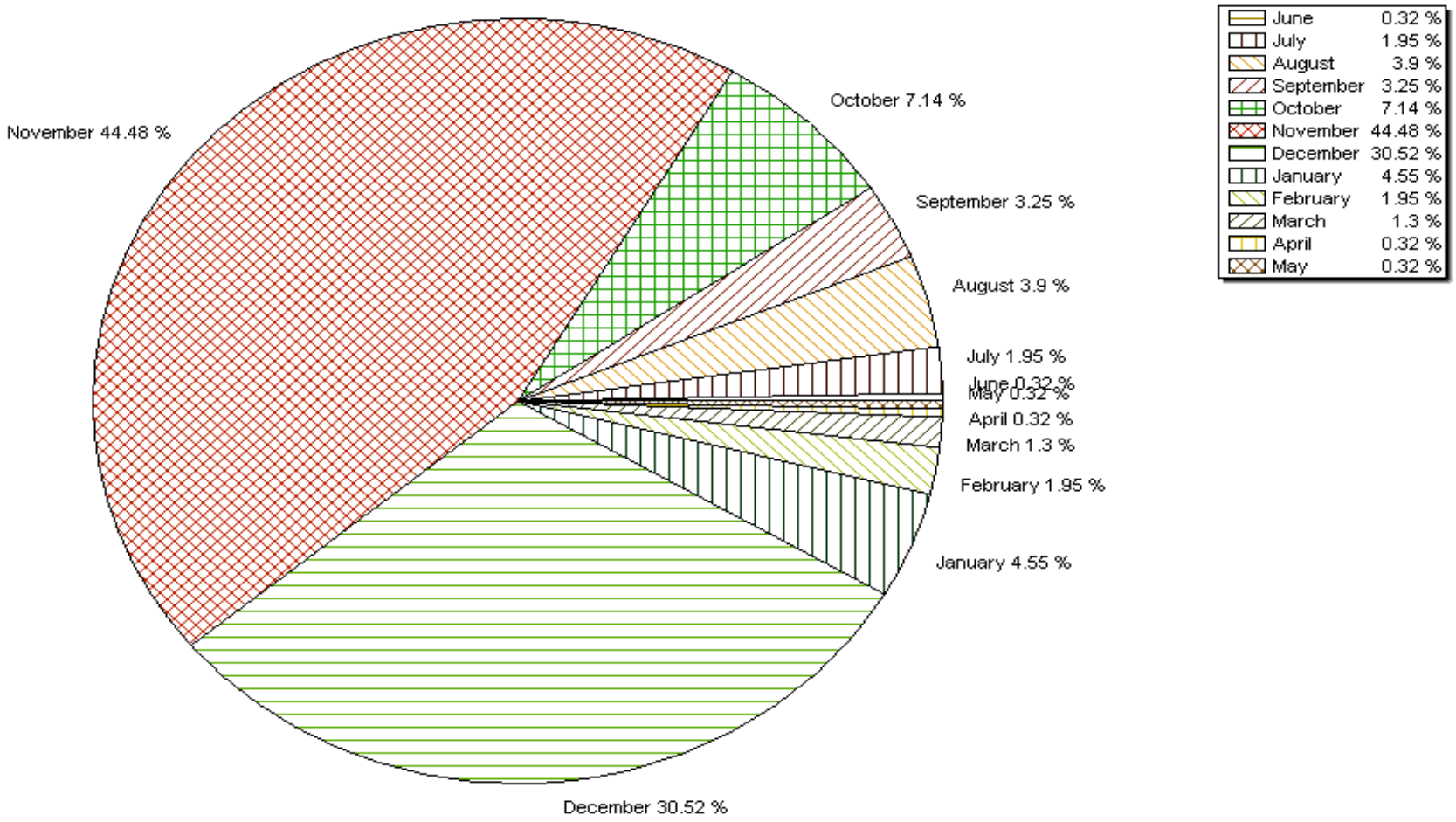
Monthly Average Runoff based on period : 1978-2016

Station Name : NALLAMARANPATTY (CCD00D5)

Local River : Amaravathi

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



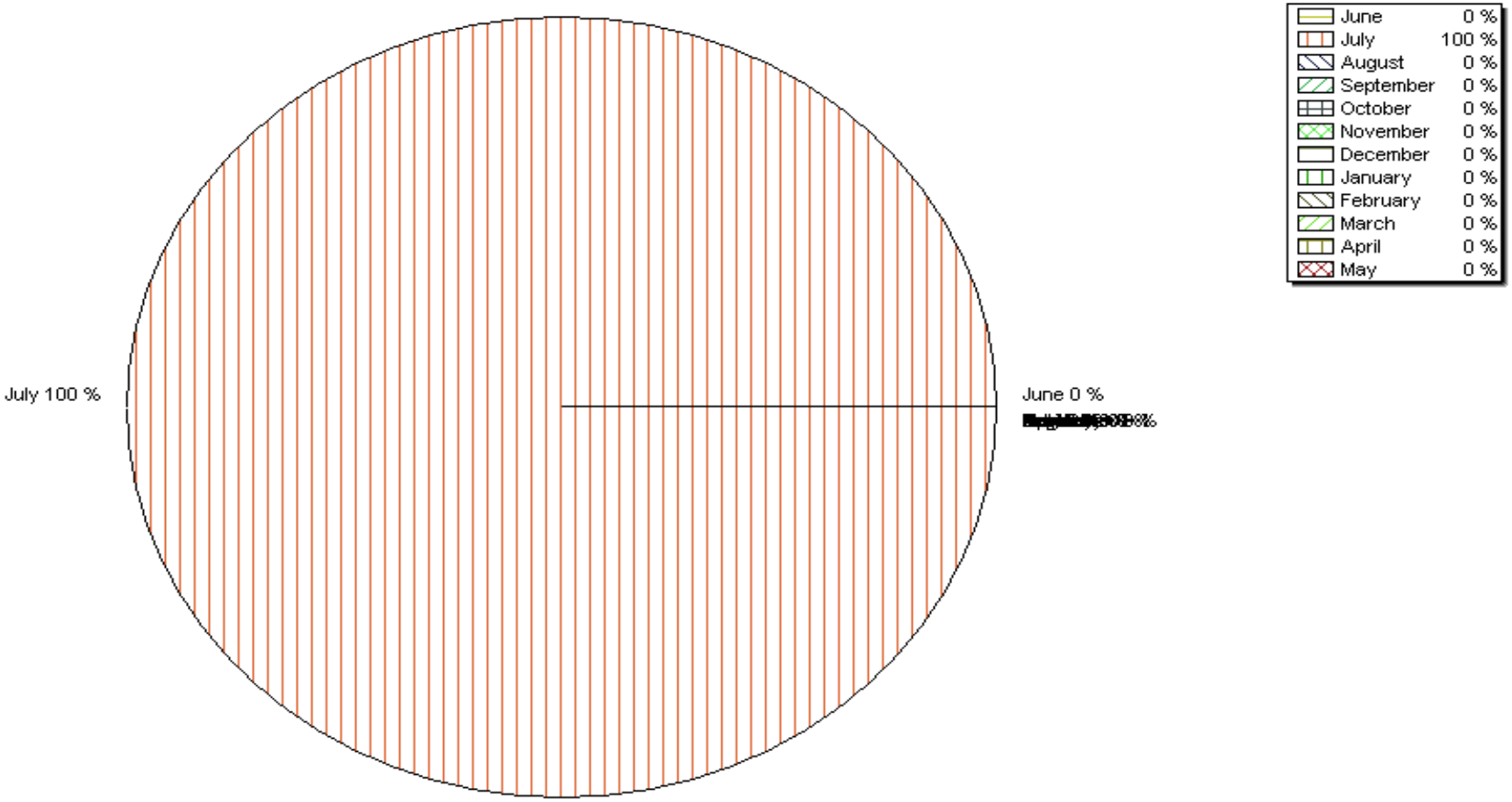
Monthly Runoff for the Year : 2016-2017

Station Name : NALLAMARANPATTY (CCD00D5)

Division : SR Division, Coimbatore

Local River : Amaravathi

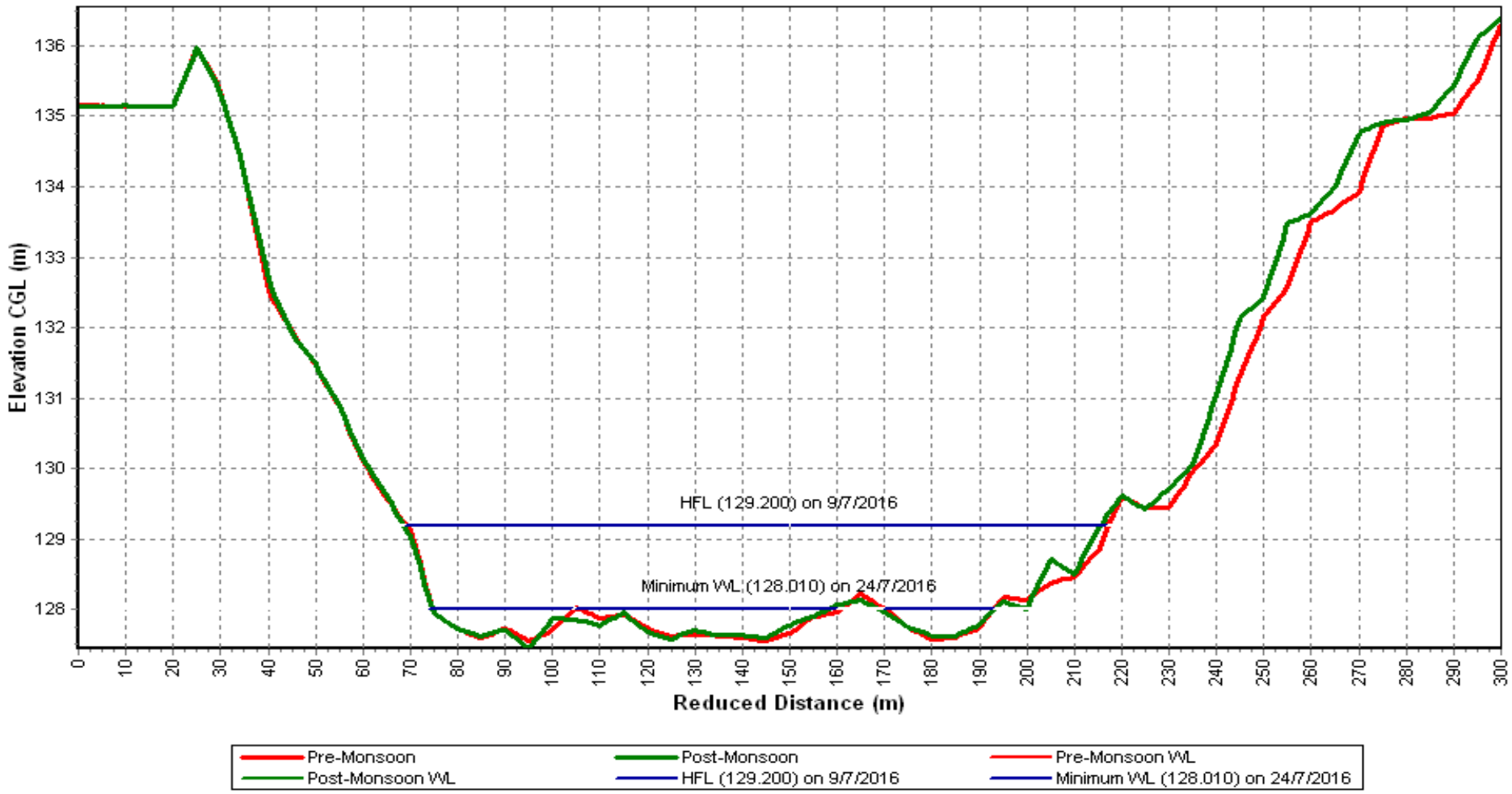
Sub-Division : Lower Cauvery SD, Trichi



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

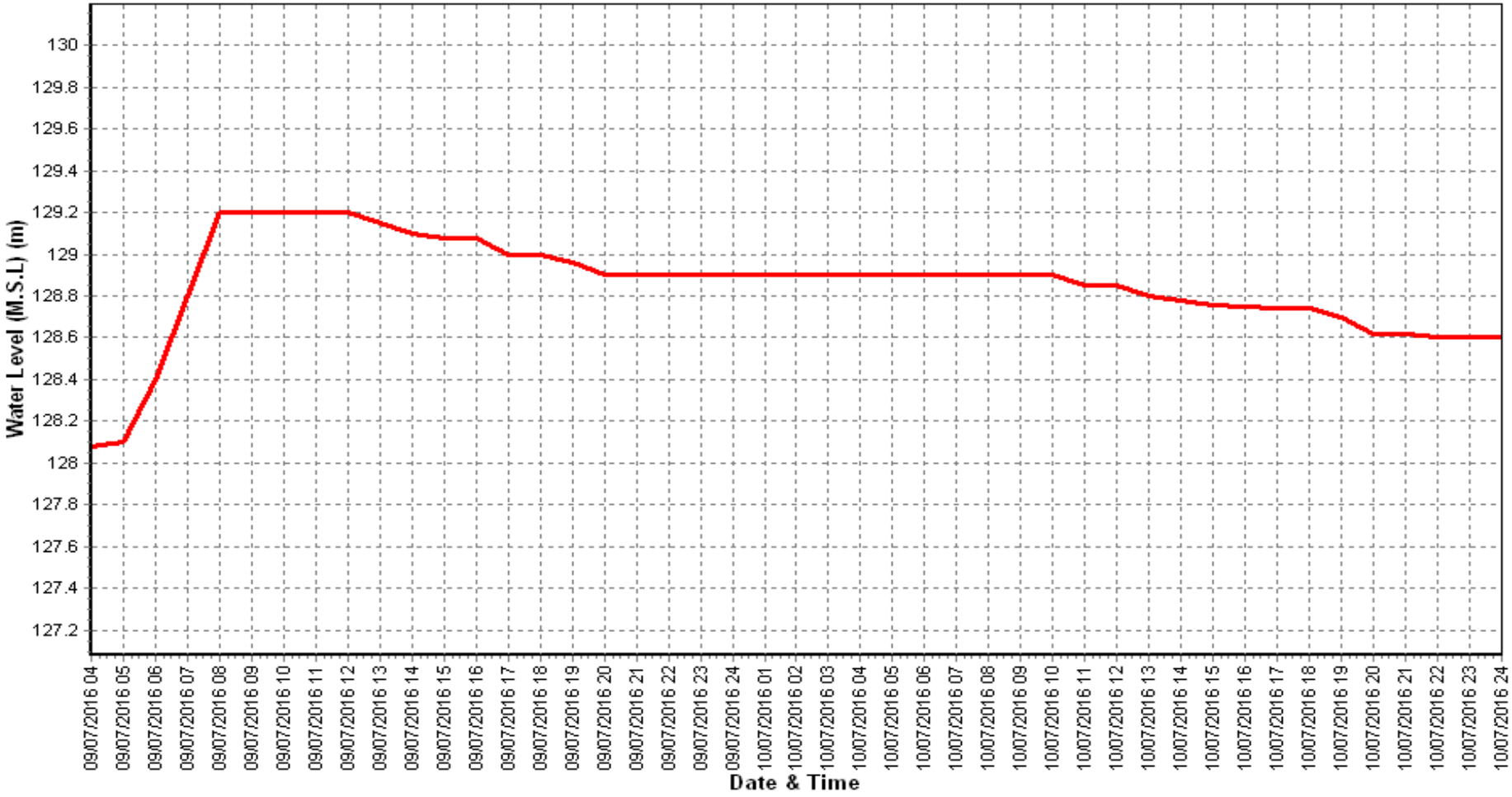
Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

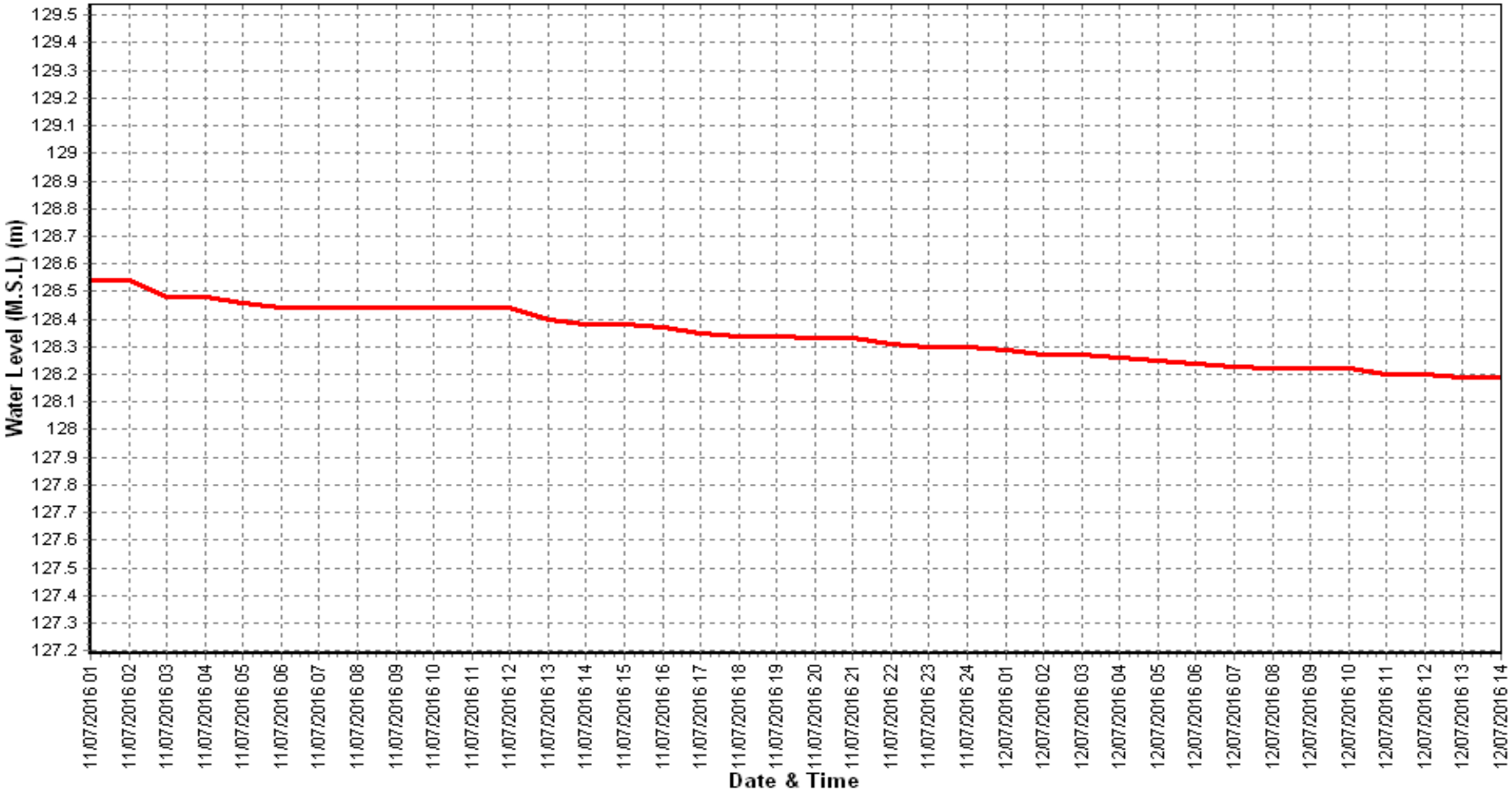


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

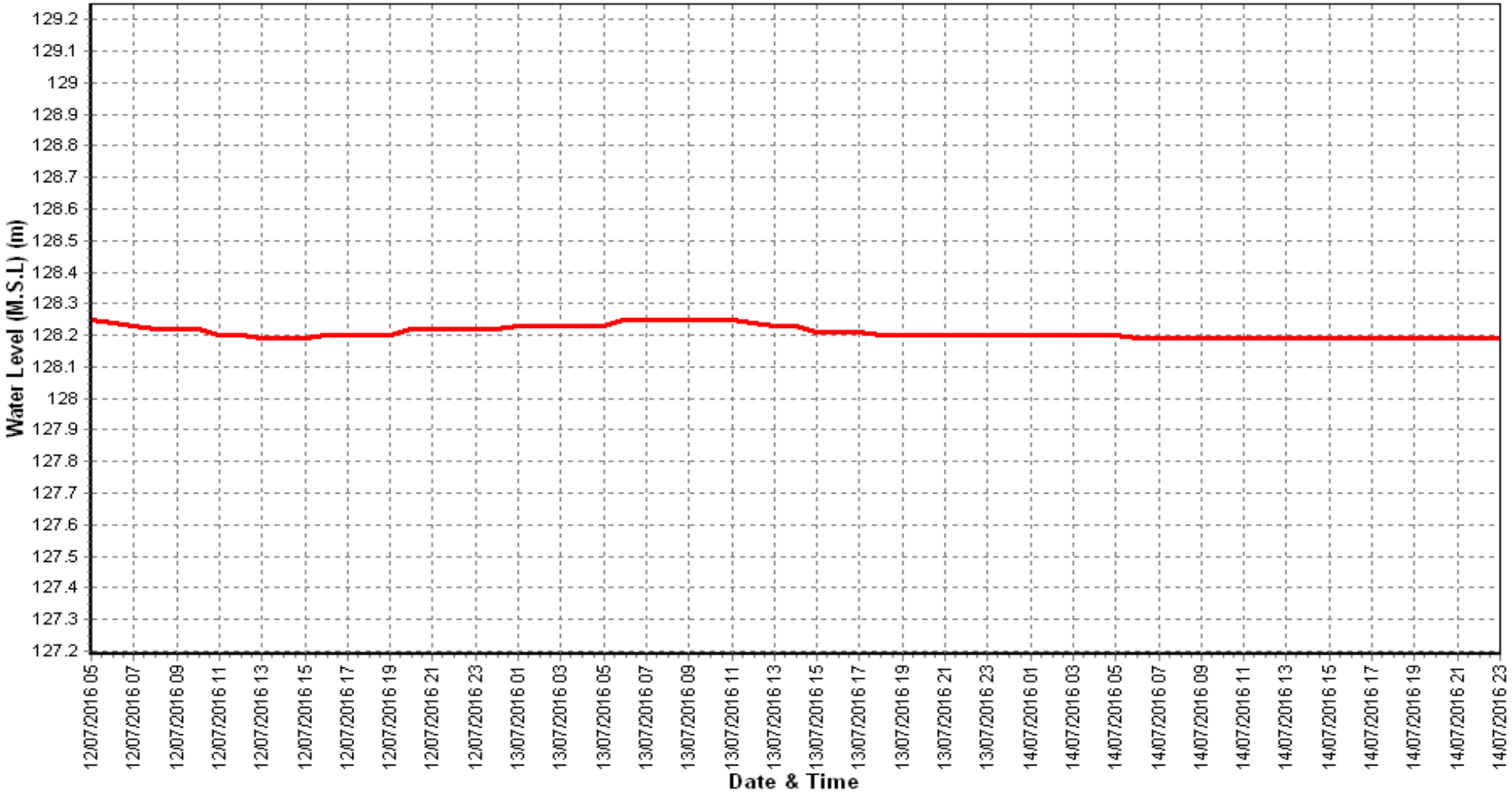


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	130.340	0.000	130.480	0.000	130.380	0.000	130.120	0.000	129.780	0.000	129.600	0.000
2	130.350	0.000	130.490	0.000	130.430	0.000	130.110	0.000	129.770	0.000	129.730	0.000
3	130.280	0.000	130.530	0.000	130.580	0.000	130.100	0.000	129.760	0.000	129.870	0.000
4	130.350	0.000	130.560	0.000	130.470	0.000	130.100	0.000	129.750	0.000	129.960	0.000
5	130.380	0.000	130.540	0.000	130.400	0.000	130.100	0.000	129.730	0.000	130.050	0.000
6	130.430	0.000	130.530	0.000	130.360	0.000	130.120	0.000	129.700	0.000	130.090	0.000
7	130.440	0.000	130.540	0.000	130.400	0.000	130.090	0.000	129.670	0.000	130.100	0.000
8	130.480	0.000	130.560	0.000	130.430	0.000	130.100	0.000	129.660	0.000	130.000	0.000
9	130.520	0.000	130.580	0.000	130.400	0.000	130.070	0.000	129.640	0.000	129.950	0.000
10	130.560	0.000	130.580	0.000	130.350	0.000	130.080	0.000	129.630	0.000	129.910	0.000
11	130.590	0.000	130.570	0.000	130.290	0.000	130.080	0.000	129.620	0.000	129.870	0.000
12	130.590	0.000	130.540	0.000	130.250	0.000	130.060	0.000	129.610	0.000	129.900	0.000
13	130.560	0.000	130.470	0.000	130.320	0.000	130.040	0.000	129.610	0.000	129.920	0.000
14	130.540	0.000	130.430	0.000	130.270	0.000	130.040	0.000	129.590	0.000	129.900	0.000
15	130.500	0.000	130.390	0.000	130.240	0.000	130.020	0.000	129.600	0.000	129.850	0.000
16	130.470	0.000	130.410	0.000	130.280	0.000	130.000	0.000	129.630	0.000	129.920	0.000
17	130.400	0.000	130.430	0.000	130.280	0.000	130.030	0.000	130.040	0.000	129.990	0.000
18	130.420	0.000	130.450	0.000	130.290	0.000	130.000	0.000	130.050	0.000	129.950	0.000
19	130.470	0.000	130.460	0.000	130.280	0.000	129.980	0.000	129.950	0.000	129.940	0.000
20	130.460	0.000	130.450	0.000	130.250	0.000	129.980	0.000	129.920	0.000	129.920	0.000
21	130.390	0.000	130.470	0.000	130.220	0.000	129.960	0.000	129.890	0.000	129.880	0.000
22	130.360	0.000	130.450	0.000	130.220	0.000	129.970	0.000	129.860	0.000	129.840	0.000
23	130.380	0.000	130.460	0.000	130.180	0.000	129.950	0.000	129.840	0.000	129.790	0.000
24	130.400	0.000	130.420	0.000	130.160	0.000	129.910	0.000	129.820	0.000	129.740	0.000
25	130.430	0.000	130.430	0.000	130.130	0.000	129.900	0.000	129.790	0.000	129.670	0.000
26	130.470	0.000	130.450	0.000	130.100	0.000	129.870	0.000	129.770	0.000	129.650	0.000
27	130.500	0.000	130.490	0.000	130.160	0.000	129.860	0.000	129.720	0.000	129.620	0.000
28	130.550	0.000	130.780	0.000	130.120	0.000	129.840	0.000	129.690	0.000	129.610	0.000
29	130.520	0.000	130.650	0.000	130.100	0.000	129.800	0.000	129.680	0.000	129.580	0.000
30	130.490	0.000	130.550	0.000	130.130	0.000	129.800	0.000	129.640	0.000	129.560	0.000
31			130.460	0.000	130.090	0.000			129.630	0.000		
Ten-Daily Mean												
I Ten-Daily	130.413	0.000	130.539	0.000	130.420	0.000	130.099	0.000	129.709	0.000	129.926	0.000
II Ten-Daily	130.500	0.000	130.460	0.000	130.275	0.000	130.023	0.000	129.762	0.000	129.916	0.000
III Ten-Daily	130.449	0.000	130.510	0.000	130.146	0.000	129.886	0.000	129.757	0.000	129.694	0.000
Monthly												
Min.	130.280	0.000	130.390	0.000	130.090	0.000	129.800	0.000	129.590	0.000	129.560	0.000
Max.	130.590	0.000	130.780	0.000	130.580	0.000	130.120	0.000	130.050	0.000	130.100	0.000
Mean	130.454	0	130.503	0	130.276	0	130.003	0	129.743	0	129.845	0

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

Peak Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :130.34 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :130.34 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 2016 - 2017

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	129.530	0.000		0.000		0.000		0.000	129.410	0.000		0.000
2	129.500	0.000		0.000	129.000	0.000		0.000	129.320	0.000		0.000
3	129.480	0.000		0.000	129.720	0.000		0.000	129.240	0.000		0.000
4	129.460	0.000		0.000	129.770	0.000		0.000	129.090	0.000		0.000
5	129.450	0.000		0.000	129.680	0.000		0.000		0.000		0.000
6	129.430	0.000		0.000	129.620	0.000		0.000		0.000		0.000
7	129.420	0.000		0.000	129.580	0.000		0.000		0.000		0.000
8	129.400	0.000		0.000	129.520	0.000		0.000		0.000		0.000
9	129.370	0.000		0.000	129.480	0.000		0.000		0.000		0.000
10	129.360	0.000		0.000	129.480	0.000		0.000		0.000		0.000
11	129.350	0.000		0.000	129.450	0.000		0.000		0.000		0.000
12	129.330	0.000		0.000	129.400	0.000		0.000		0.000		0.000
13	129.300	0.000		0.000	129.360	0.000		0.000		0.000		0.000
14	129.280	0.000		0.000	129.360	0.000		0.000		0.000		0.000
15	129.280	0.000		0.000	129.320	0.000		0.000		0.000		0.000
16	129.250	0.000		0.000	129.250	0.000		0.000		0.000		0.000
17	129.220	0.000		0.000	129.440	0.000		0.000		0.000		0.000
18	129.200	0.000		0.000	129.380	0.000		0.000		0.000		0.000
19	129.190	0.000		0.000	129.270	0.000		0.000		0.000		0.000
20	129.190	0.000		0.000	129.220	0.000		0.000		0.000		0.000
21	129.180	0.000		0.000	129.150	0.000		0.000		0.000		0.000
22	129.150	0.000		0.000	129.110	0.000	129.360	0.000		0.000		0.000
23	129.150	0.000		0.000	129.080	0.000	129.900	0.000		0.000		0.000
24	129.160	0.000		0.000	129.040	0.000	129.940	0.000		0.000		0.000
25	129.160	0.000		0.000		0.000	129.870	0.000		0.000		0.000
26	129.180	0.000		0.000		0.000	129.830	0.000		0.000		0.000
27	129.190	0.000		0.000		0.000	129.790	0.000		0.000		0.000
28	129.120	0.000		0.000		0.000	129.730	0.000		0.000		0.000
29	129.070	0.000		0.000			129.650	0.000		0.000		0.000
30		0.000		0.000			129.560	0.000		0.000		0.000
31		0.000		0.000			129.500	0.000				0.000
Ten-Daily Mean												
I Ten-Daily	129.440	0.000		0.000	129.539	0.000		0.000	129.265	0.000		0.000
II Ten-Daily	129.259	0.000		0.000	129.345	0.000		0.000		0.000		0.000
III Ten-Daily	129.151	0.000		0.000	129.095	0.000	129.713	0.000		0.000		0.000
Monthly												
Min.	129.070	0.000		0.000	129.000	0.000	129.360	0.000	129.090	0.000		0.000
Max.	129.530	0.000		0.000	129.770	0.000	129.940	0.000	129.410	0.000		0.000
Mean	129.288	0		0	129.377	0	129.713	0	129.265	0		0

Q: Observed/Computed Discharge in cumecs

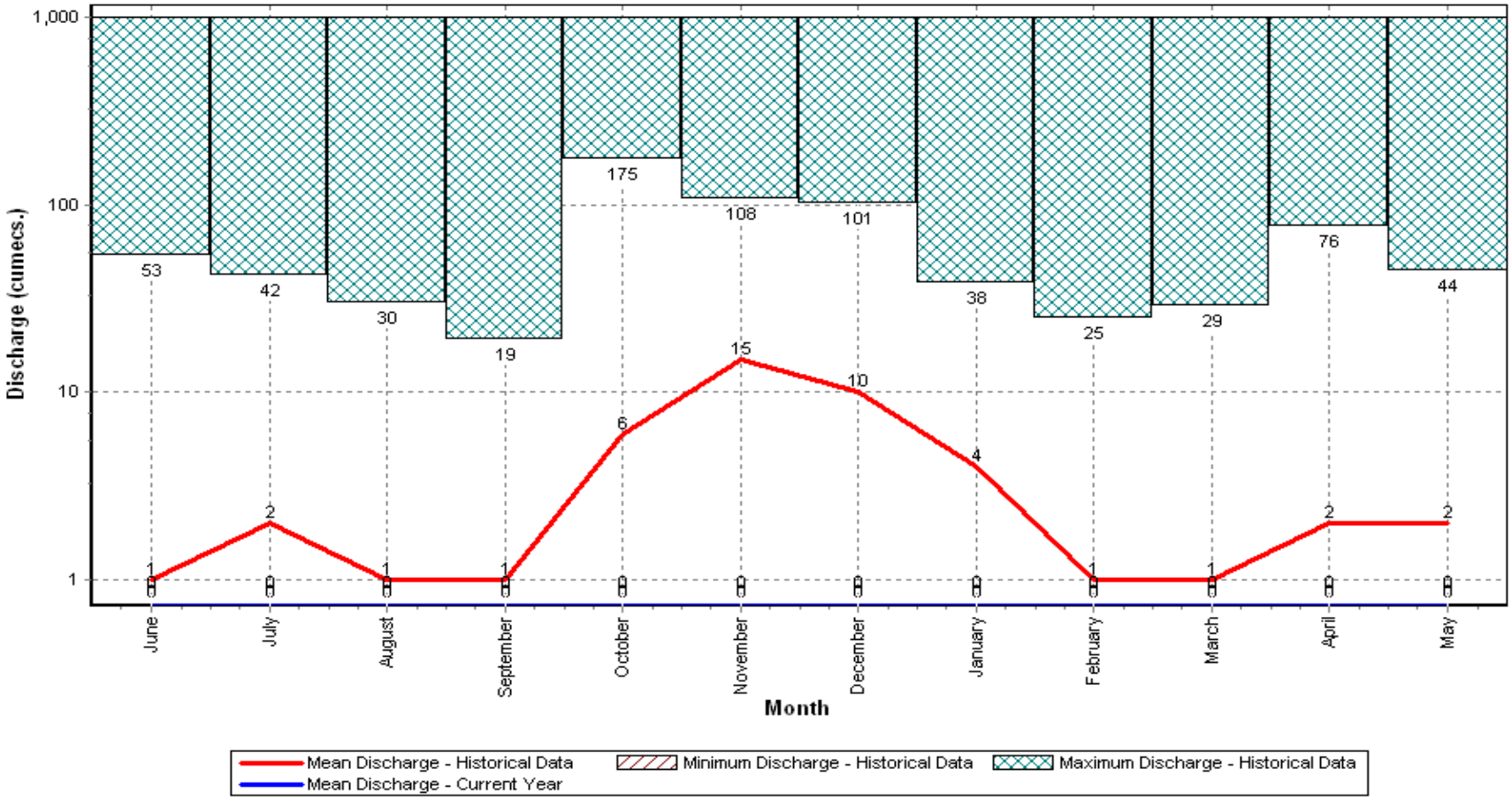
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : ELUNUTHIMANGALAM (CCF00A4) **Data considered : 1999-2017** **Division : SR Division, Coimbatore**

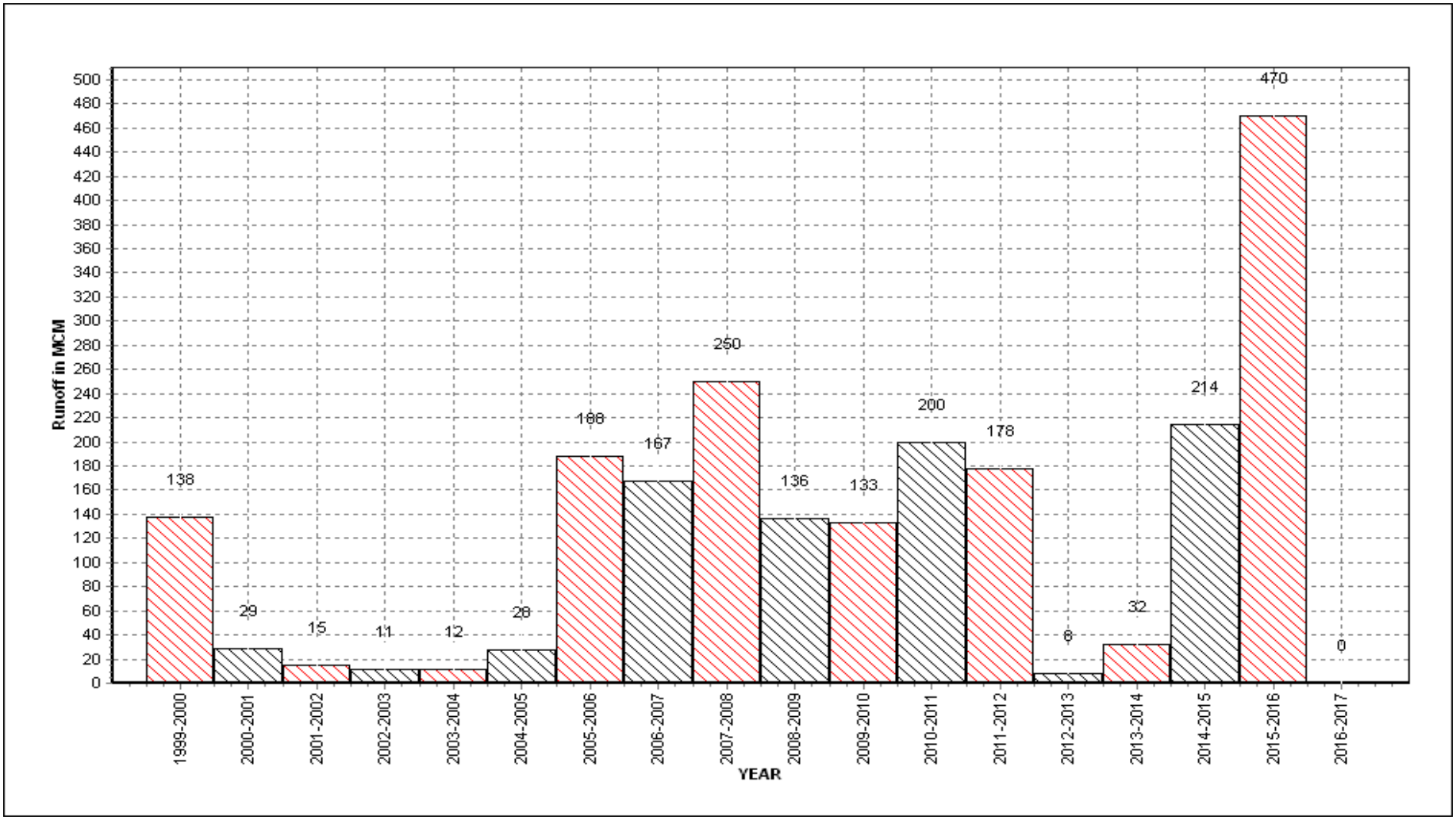
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**



Annual Runoff Values for the period: 1999 - 2017

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

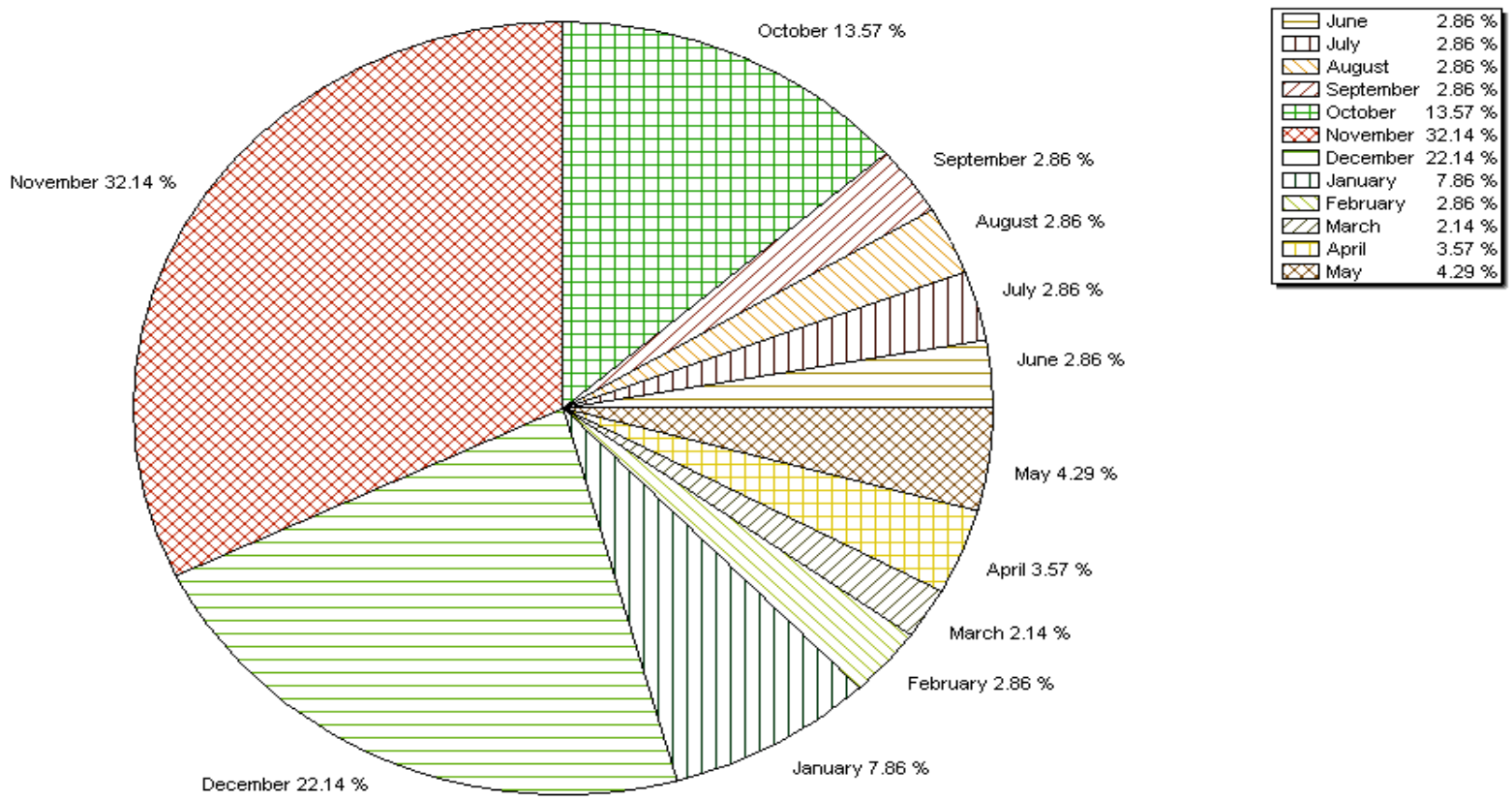
Monthly Average Runoff based on period : 1999-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



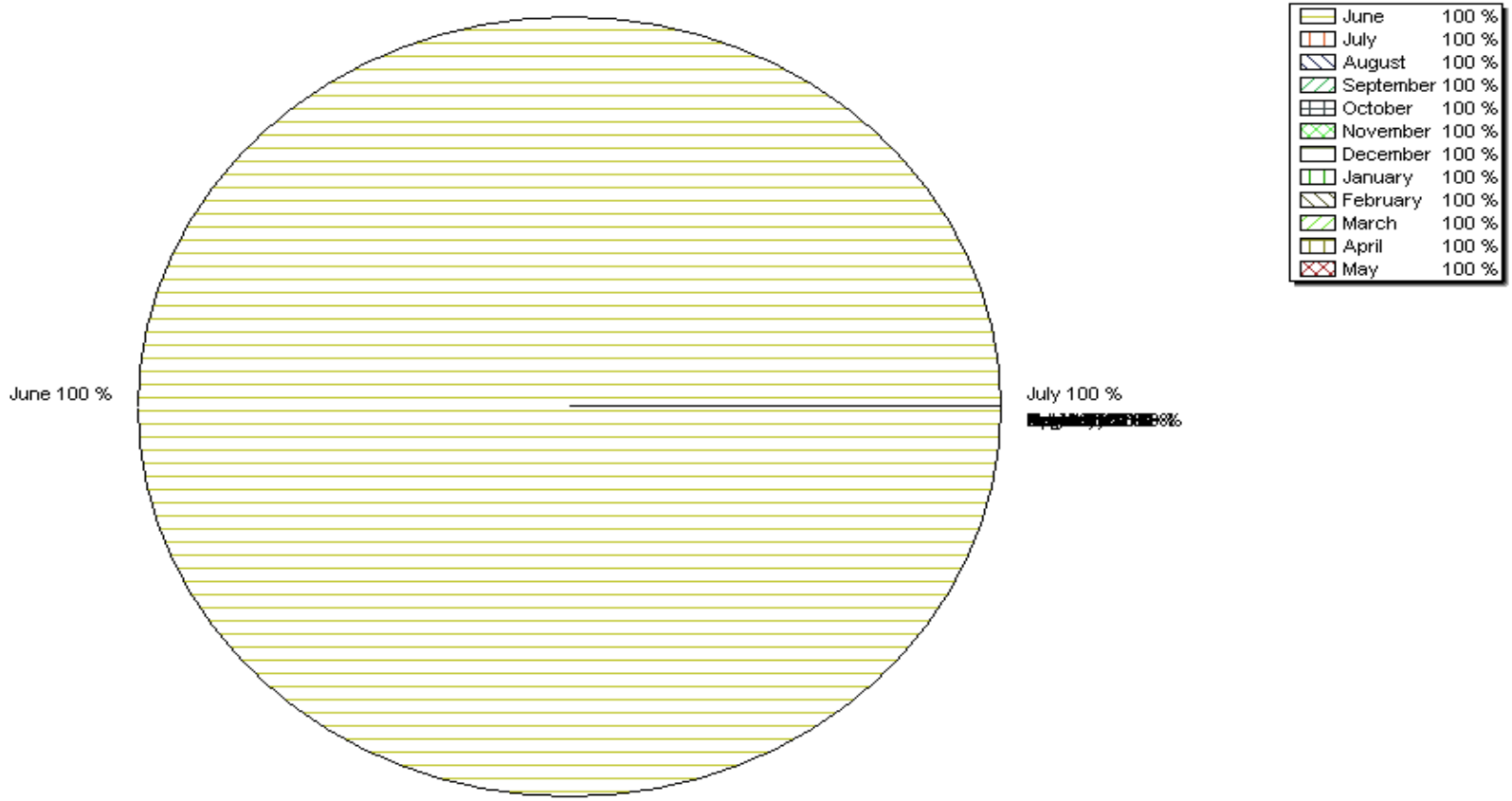
Monthly Runoff for the Year : 2016-2017

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

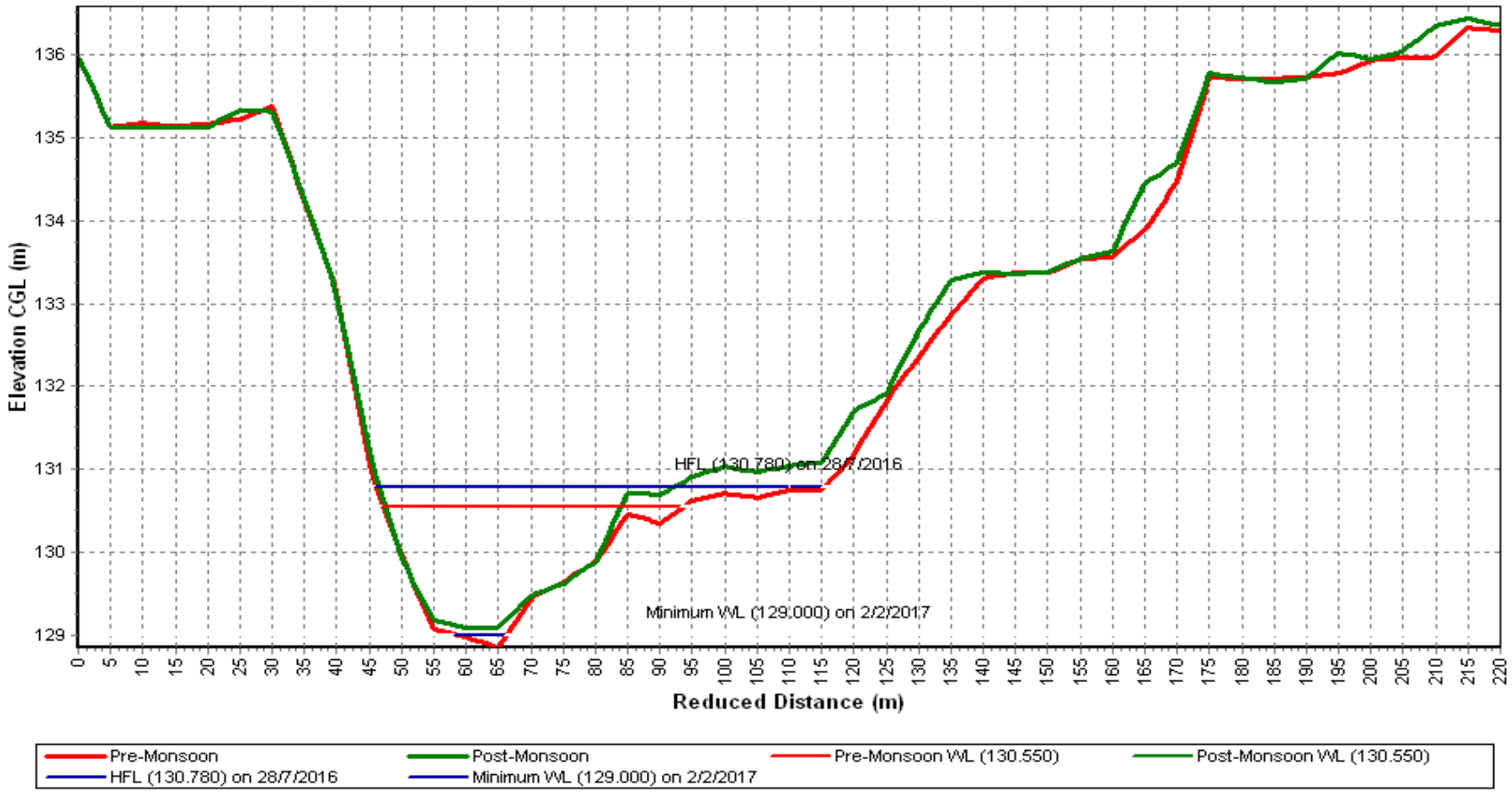
Sub-Division : Lower Cauvery SD, Trichy



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

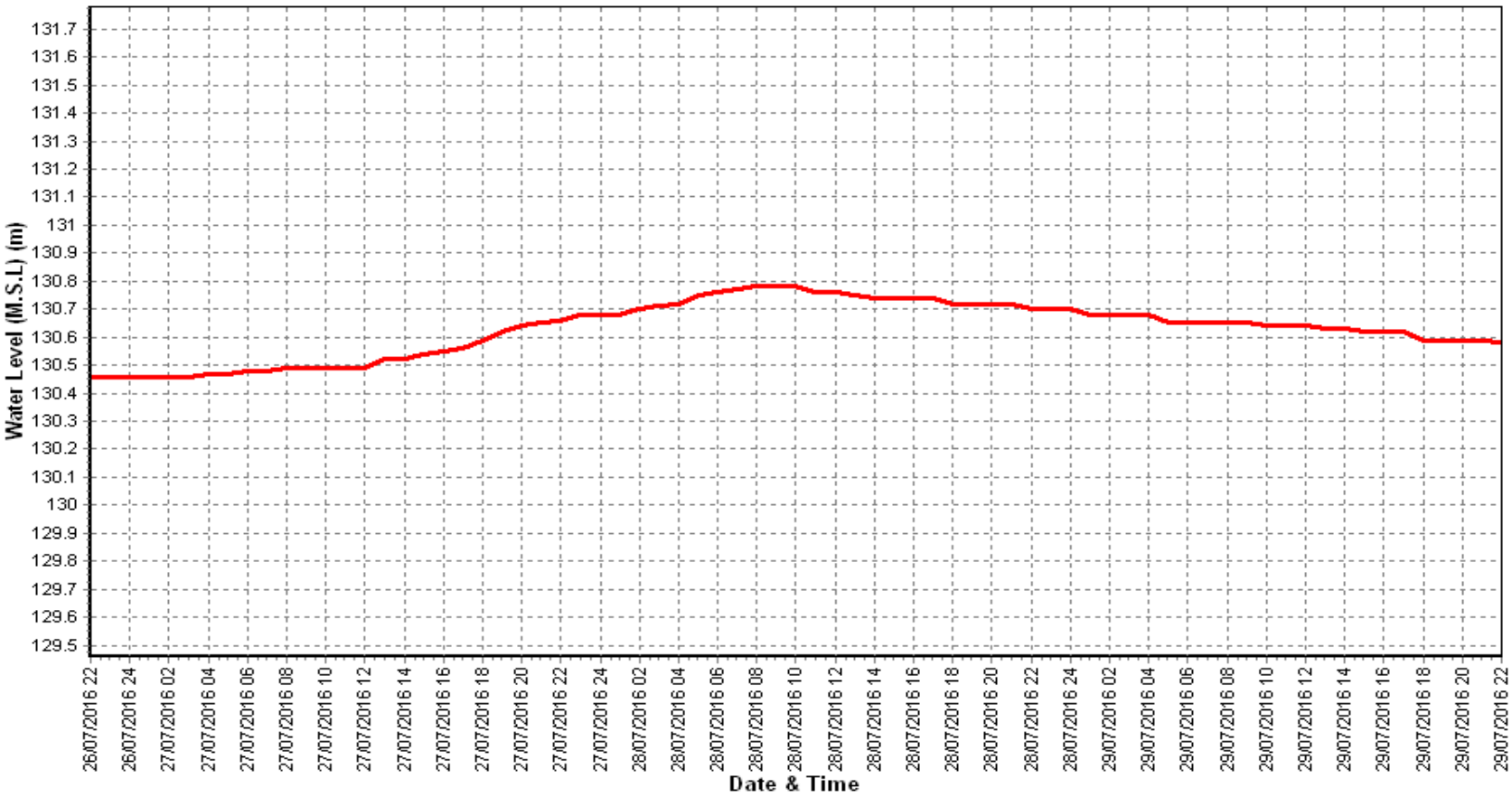
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichy**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

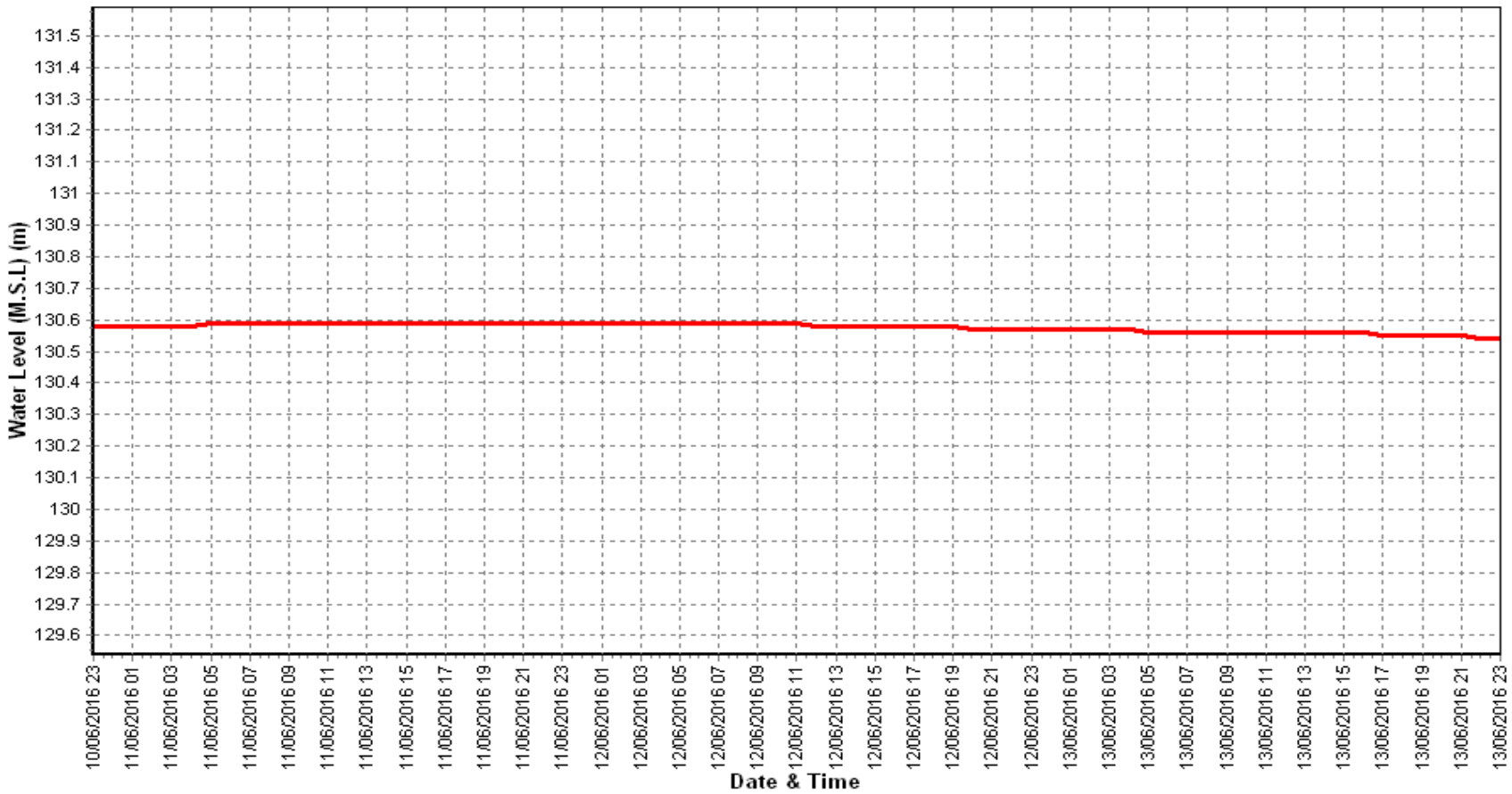


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

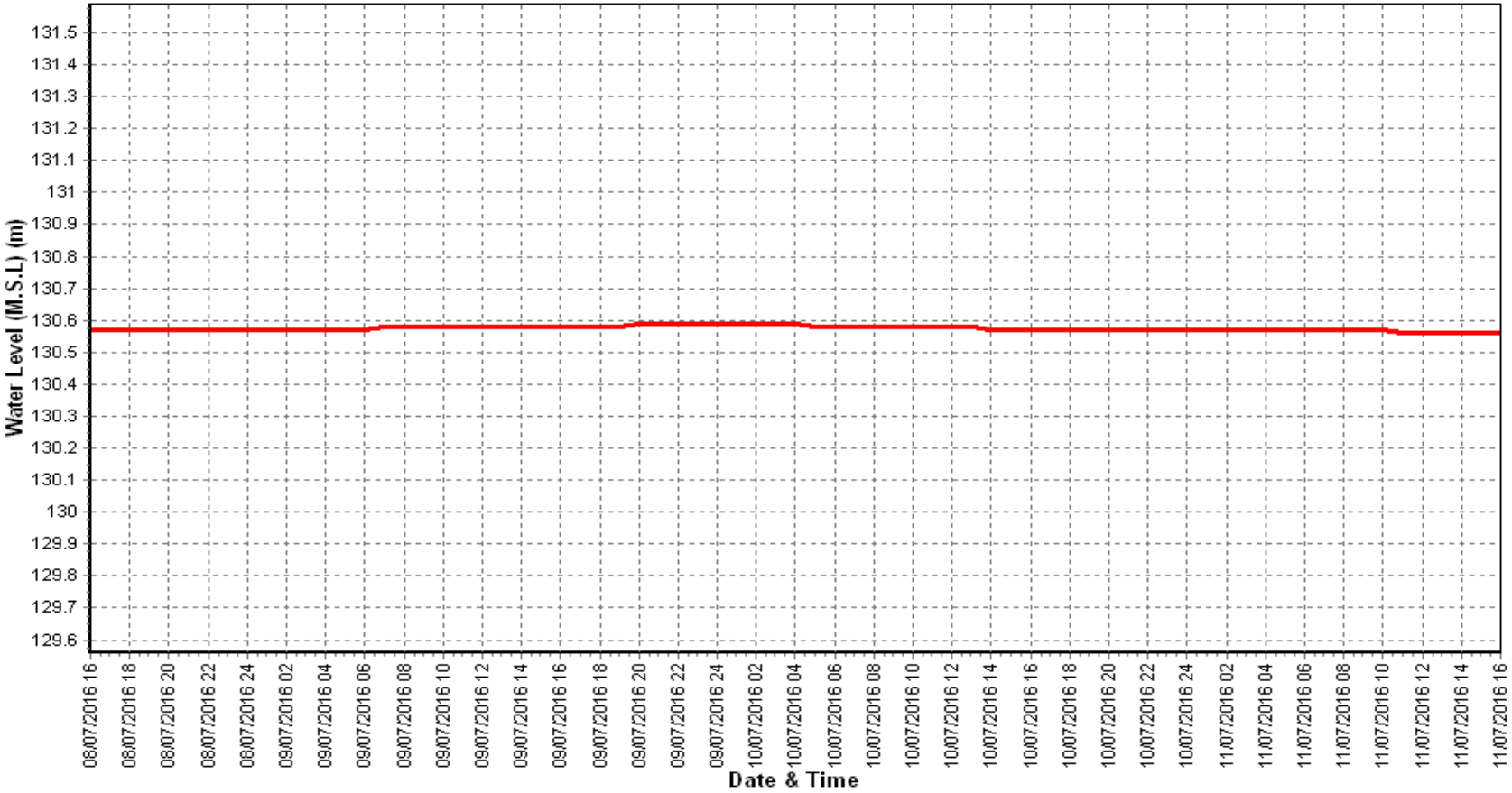


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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
1990-1991	596.8	124.155	08/09/1990	5.049	122.135	09/11/1990

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**
1972-1973	3900	126.600	10/12/1972	12.90	122.150	13/06/1972
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

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

Stage-Discharge Data for the period 2016 - 2017

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	122.210	4.474	122.340	10.69	122.670	119.7	122.290	8.608	123.450	370.5	122.600	97.23
2	122.240	5.734	122.140	3.012	122.610	85.94 #	122.220	5.074	123.440	364.3 *	122.590	96.25
3	122.220	5.549	122.130	2.610 *	122.500	53.27 #	122.270	6.790	123.440	361.5	122.590	96.97
4	122.200	3.984	122.070	1.467	122.310	9.672	122.410	14.73 *	123.390	347.9	122.600	98.16
5	122.130	2.610 *	122.310	9.854	122.340	10.76	122.310	9.324 *	123.395	348.8	122.610	101.4
6	122.060	1.305	122.290	8.447	122.100	1.871	122.340	10.84	123.440	367.7	122.670	130.3 *
7	122.070	1.417	122.290	8.336 *	122.080	1.563 *	122.245	7.844	123.415	353.5	122.690	117.8
8	122.240	5.882	122.350	11.76	121.980	0.200	122.270	7.023	123.440	379.1	122.690	119.9
9	122.340	10.26	122.290	8.519	121.970	0.168	122.290	8.450	123.500	390.4 *	122.440	30.05
10	122.350	11.43	122.310	9.330 *	121.980	0.210	122.240	7.988	123.505	384.8	122.590	97.31
11	122.330	9.817	122.310	9.708	121.990	0.266	122.340	10.82 *	123.450	368.6 *	122.450	31.49
12	122.310	9.330 *	122.340	10.68	121.970	0.181	122.340	10.59	123.390	343.4 *	122.380	13.88
13	122.210	4.626	122.350	11.67	121.980	0.212	122.270	7.505 *	123.490	385.9	122.130	3.514 *
14	122.070	1.437	122.370	14.40	121.970	0.152 *	122.280	8.101	123.930	535.6	122.100	2.494 *
15	122.030	0.701	122.380	14.92	121.980	0.219 *	122.270	7.621	123.725	471.5	122.110	2.925
16	122.000	0.506	122.505	32.77		0.000	122.230	5.743	123.930	607.1 *	122.070	1.570
17	122.070	1.454	122.470	27.56 *		0.000	122.310	9.946	123.440	374.4	121.990	0.352
18	122.330	10.27	122.500	31.66	122.290	8.355	122.270	7.505 *	123.450	379.6	121.970	0.000
19	122.310	9.330 *	122.550	45.59	122.310	9.794	122.140	3.002	123.445	374.3	121.950	0.000
20	122.310	9.607	122.510	33.77	122.310	9.885	122.100	1.830	123.440	377.7	121.940	0.000
21	122.310	9.773	122.380	15.01	122.290	8.390 *	122.950	153.2	123.475	380.3	121.930	0.000
22	122.330	10.18	122.395	16.88	122.280	7.839	123.485	364.0	123.435	367.1	121.950	0.000
23	122.330	10.20	122.380	15.10	122.280	7.564	123.515	389.6	123.400	347.5 *	122.130	4.183
24	122.340	10.72	122.380	14.87 *	122.270	6.736	123.510	391.8	123.340	342.4	122.570	48.43 #
25	122.340	10.78	122.390	15.79	122.270	7.505 *	123.500	390.1 *	123.360	354.2	122.210	6.799
26	122.330	10.39 *	122.910	182.6	122.270	7.154	123.510	379.1	123.385	360.1	122.210	6.919
27	122.340	10.69	122.930	188.9	122.290	8.587	123.470	376.1	123.320	338.2	122.590	52.05 *
28	122.335	11.29	122.890	176.4	122.390	13.55 *	123.460	365.8	123.255	316.7	122.200	6.367
29	122.410	15.32 #	122.930	188.9	122.375	12.12	123.390	353.1	122.700	126.0 *	122.160	4.700
30	122.340	10.76	122.670	120.3	122.130	2.791	123.380	332.7	122.720	132.0 *	122.450	31.19
31			122.670	105.2 *	122.150	3.060			122.600	96.95		
Ten-Daily Mean												
I Ten-Daily	122.206	5.265	122.252	7.403	122.254	28.33	122.288	8.668	123.442	366.9	122.607	98.54
II Ten-Daily	122.197	5.708	122.429	23.27	122.100	2.906	122.255	7.267	123.569	421.8	122.109	5.623
III Ten-Daily	122.340	11.01	122.630	94.55	122.272	7.754	123.417	349.6	123.181	287.4	122.240	16.06
Monthly												
Min.	122.000	0.506	122.070	1.467	121.970	0.000	122.100	1.830	122.600	96.95	121.930	0.000
Max.	122.410	15.32	122.930	188.9	122.670	119.7	123.515	391.8	123.930	607.1	122.690	130.3
Mean	122.248	7.328	122.443	43.44	122.218	12.83	122.653	121.8	123.390	356.4	122.319	40.08

Annual Runoff in MCM = 1586 Annual Runoff in mm = 30

Peak Observed Discharge = 535.6 cumecs on 14/10/2016 Corres. Water Level :123.93 m

Lowest Observed Discharge = 0.000 cumecs on 16/08/2016

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 2016 - 2017

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	122.200	6.625	122.070	2.239 *	122.190	6.136		0.000		0.000		0.000
2	122.180	5.932	121.990	0.737	122.170	5.477		0.000		0.000		0.000
3	122.100	2.855	122.170	5.552	122.150	4.668		0.000		0.000		0.000
4	122.250	8.748 *	122.170	5.522	122.190	5.863		0.000		0.000		0.000
5	122.380	14.08	122.210	7.106	122.170	5.369 *		0.000		0.000		0.000
6	122.070	1.583	122.270	10.02	122.190	6.044		0.000		0.000		0.000
7	122.370	13.54	122.270	9.905	122.170	5.504		0.000		0.000		0.000
8	122.060	2.001 #	122.250	8.748 *	122.150	4.998		0.000		0.000		0.000
9	121.990	0.734	122.250	9.329	122.150	4.989		0.000		0.000		0.000
10	122.210	6.838	122.240	8.822	122.130	4.106		0.000		0.000		0.000
11	122.110	3.322 *	122.240	8.268	122.070	1.636		0.000		0.000		0.000
12	122.050	1.776 #	122.240	8.374	122.050	1.763 *		0.000		0.000		0.000
13	122.070	2.239 *	122.270	9.784	121.970	0.000		0.000		0.000		0.000
14	122.210	7.190	122.270	9.729 *	121.940	0.000		0.000		0.000		0.000
15	122.250	9.418	122.240	8.277 *	121.910	0.000		0.000		0.000	122.110	3.472
16	122.270	10.06	122.240	8.275		0.000		0.000		0.000	122.090	2.552
17	122.250	9.216	122.250	9.214		0.000		0.000		0.000	121.960	0.000
18	122.270	9.729 *	122.210	7.032		0.000		0.000		0.000	121.940	0.000
19	122.270	10.15	122.190	6.102		0.000		0.000		0.000	121.920	0.000
20	122.270	10.08	122.190	5.874		0.000		0.000		0.000		0.000
21	122.370	13.41	122.170	5.397		0.000		0.000		0.000		0.000
22	122.380	14.65	122.180	5.775 *		0.000		0.000		0.000		0.000
23	122.270	10.19	122.170	5.505		0.000		0.000		0.000		0.000
24	122.240	8.712	122.150	4.915		0.000		0.000		0.000		0.000
25	122.070	2.239 *	122.150	4.849		0.000		0.000		0.000		0.000
26	122.050	1.776 #	122.130	3.913 *		0.000		0.000		0.000		0.000
27	122.100	2.845	122.150	4.830		0.000	122.000	1.017		0.000		0.000
28	122.170	5.395	122.200	6.196		0.000	121.990	0.734		0.000		0.000
29	122.180	5.985	122.190	6.198 *			121.950	0.000		0.000		0.000
30	122.190	5.969	122.170	5.455				0.000		0.000		0.000
31	122.130	4.122	122.170	5.206				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	122.181	6.294	122.189	6.798	122.166	5.315		0.000		0.000		0.000
II Ten-Daily	122.202	7.317	122.234	8.093	121.988	0.340		0.000		0.000	122.004	0.602
III Ten-Daily	122.195	6.844	122.166	5.295		0.000	121.980	0.159		0.000		0.000
Monthly												
Min.	121.990	0.734	121.990	0.737	121.910	0.000	121.950	0.000		0.000	121.920	0.000
Max.	122.380	14.65	122.270	10.02	122.190	6.136	122.000	1.017		0.000	122.110	3.472
Mean	122.193	6.819	122.195	6.682	122.107	2.02	121.980	0.056		0	122.004	0.194

Peak Computed Discharge = 607.1 cumecs on 16/10/2016 **Corres. Water Level :123.93 m**

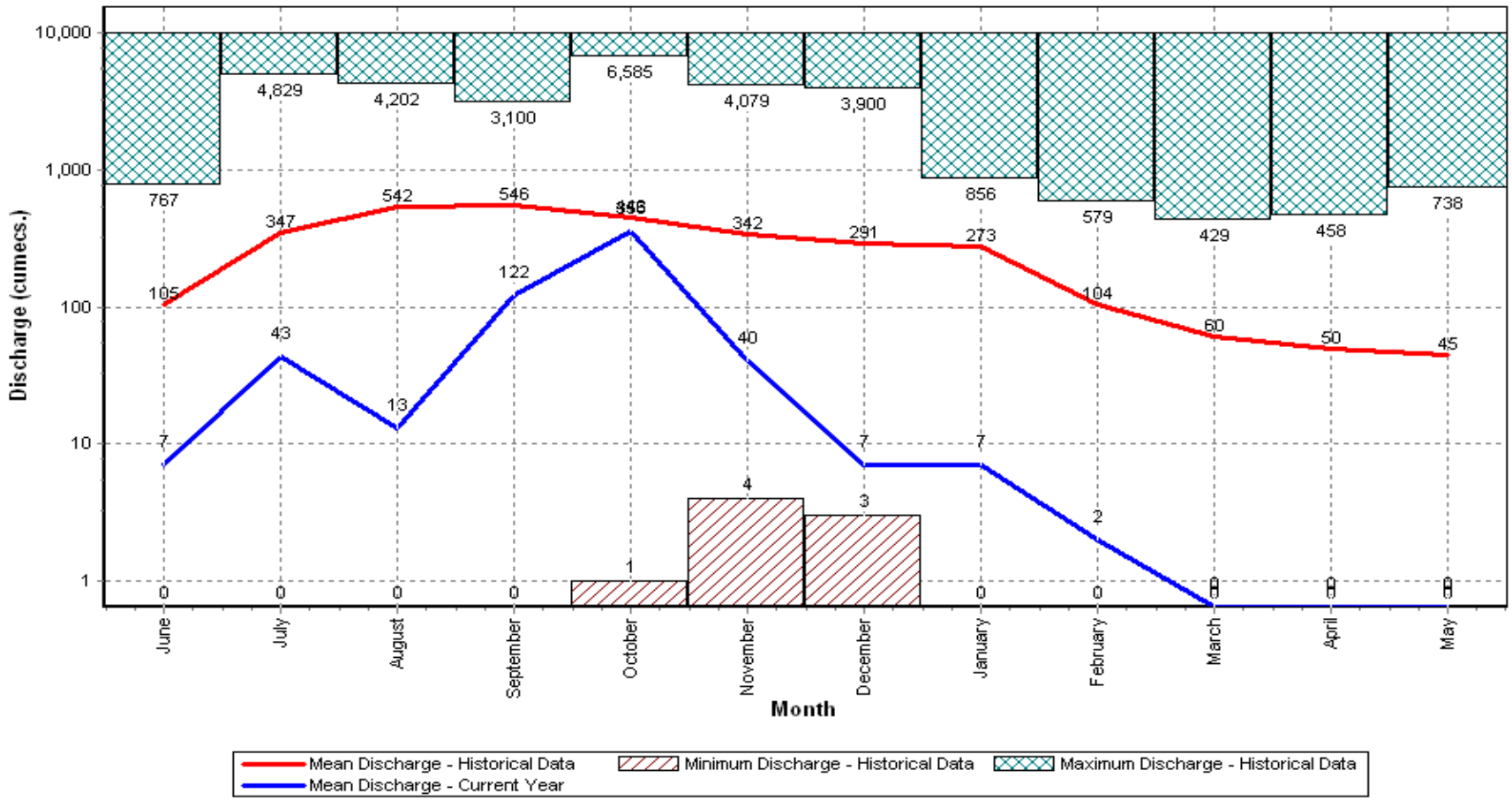
Lowest Computed Discharge = 0.152 cumecs on 14/08/2016 **Corres. Water Level :121.97 m**

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 : 2016-2017

Station Name : KODUMUDI (CC000I7) | **Data considered : 1972-2017** | **Division : SR Division, Coimbatore**

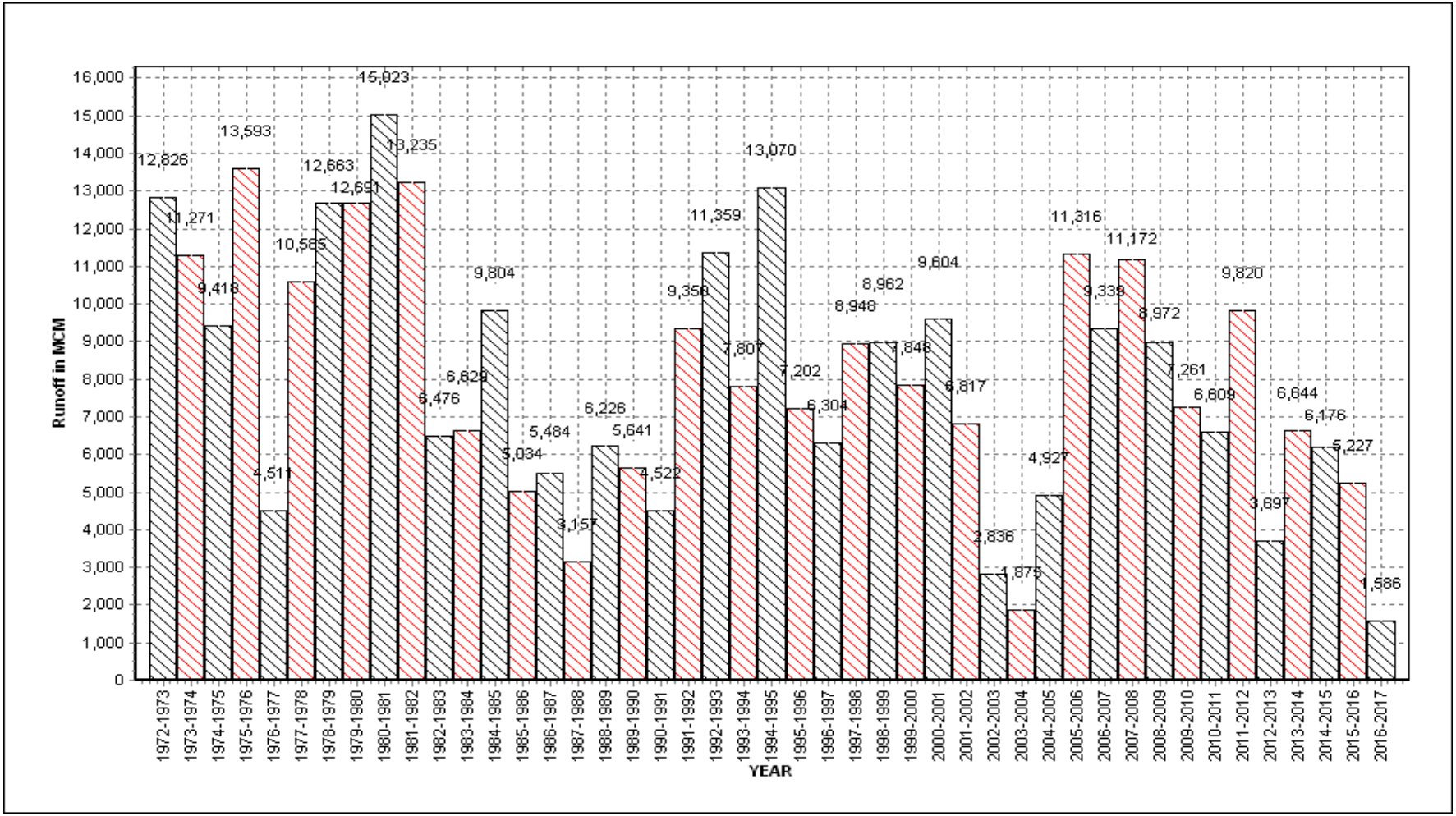
Local River : Cauvery | **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1972 - 2017

Station Name : KODUMUDI (CC000I7)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi

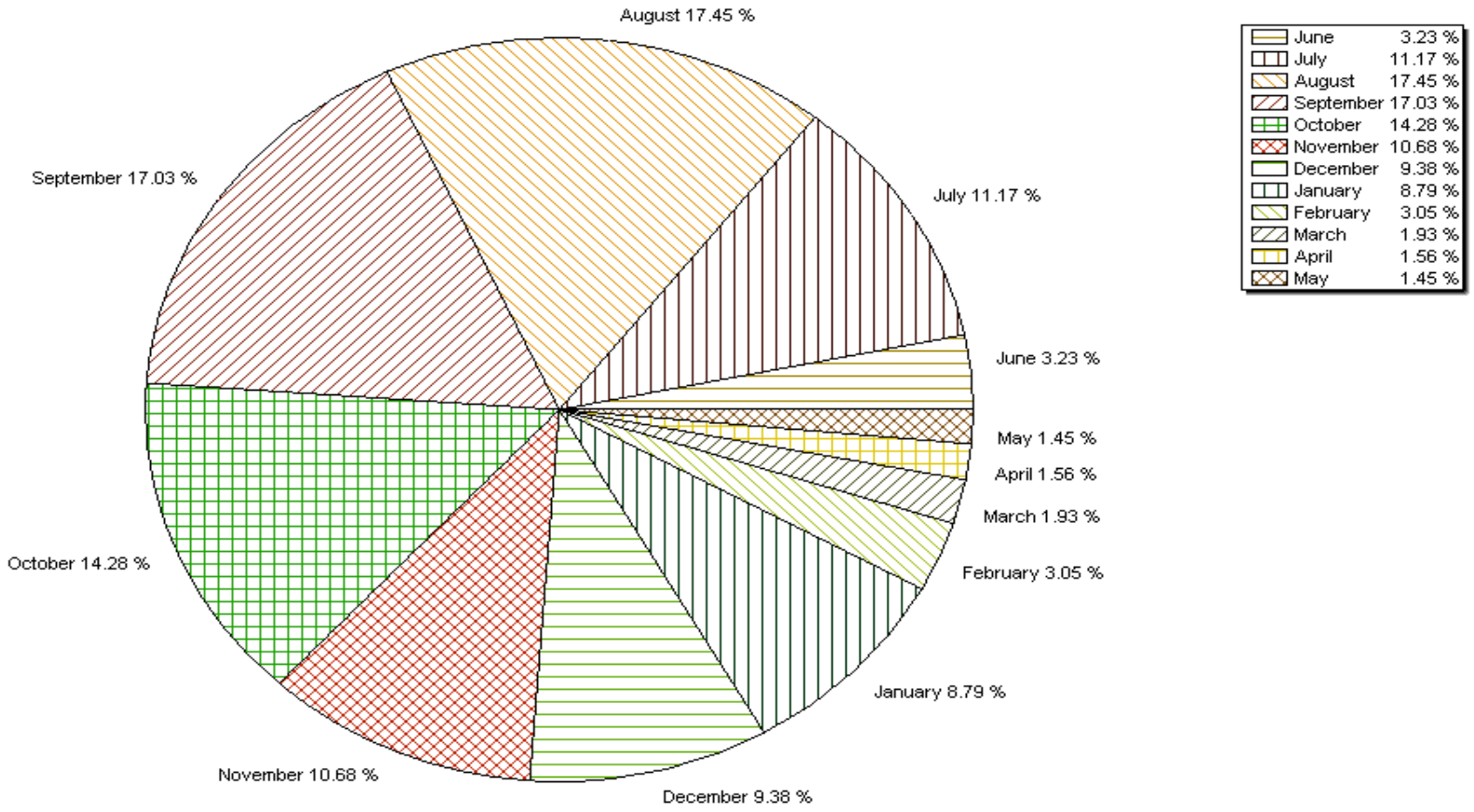


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1972-2016

Station Name : KODUMUDI (CC000I7)
Local River : Cauvery

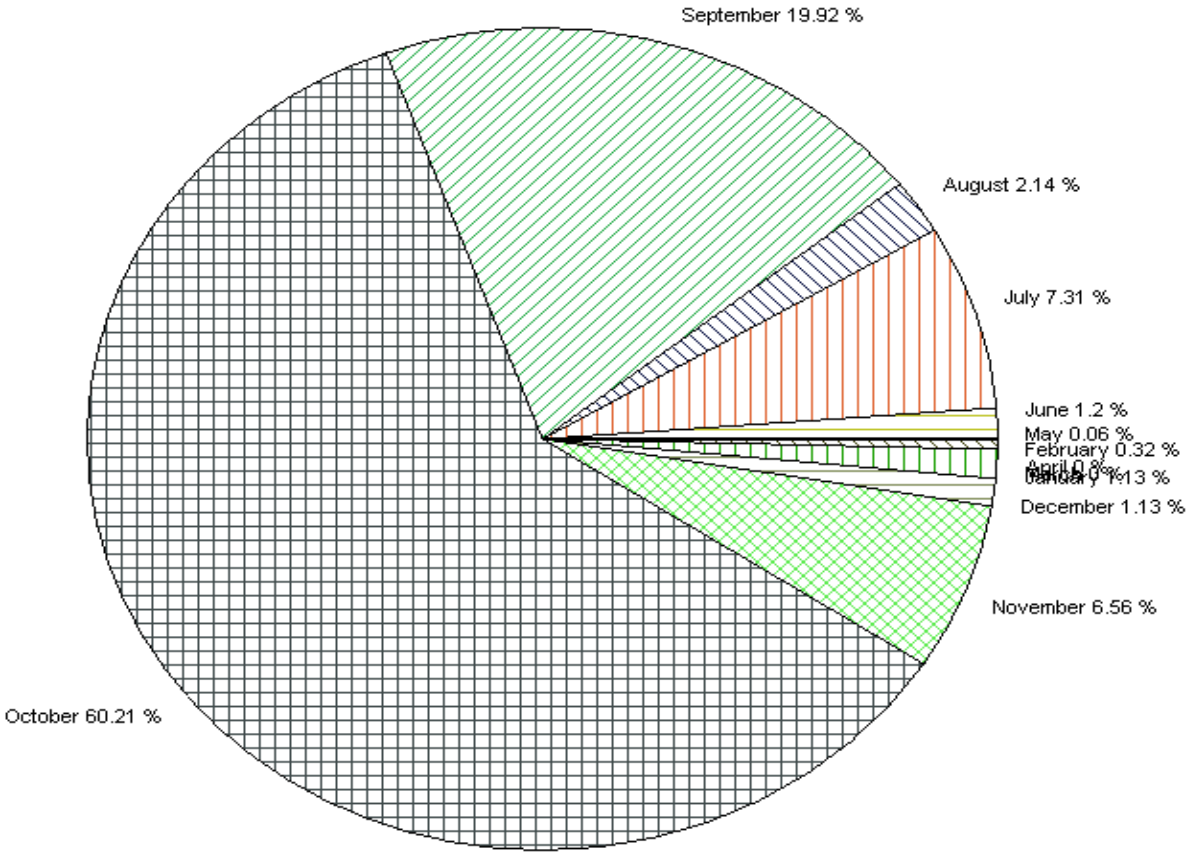
Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



Monthly Runoff for the Year : 2016-2017

Station Name : KODUMUDI (CC000I7)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi

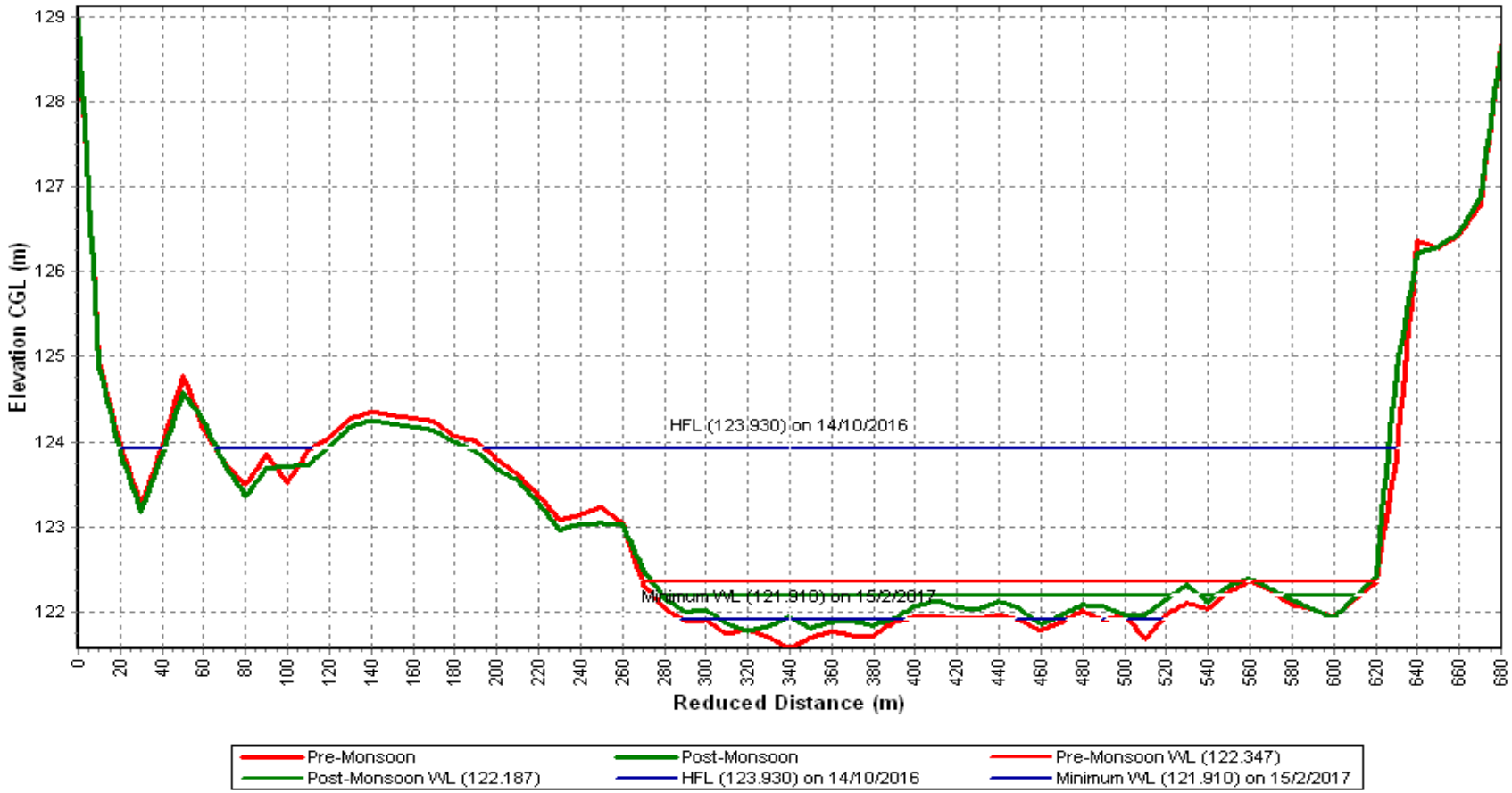


June	1.2 %
July	7.31 %
August	2.14 %
September	19.92 %
October	60.21 %
November	6.56 %
December	1.13 %
January	1.13 %
February	0.32 %
March	0 %
April	0 %
May	0.06 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

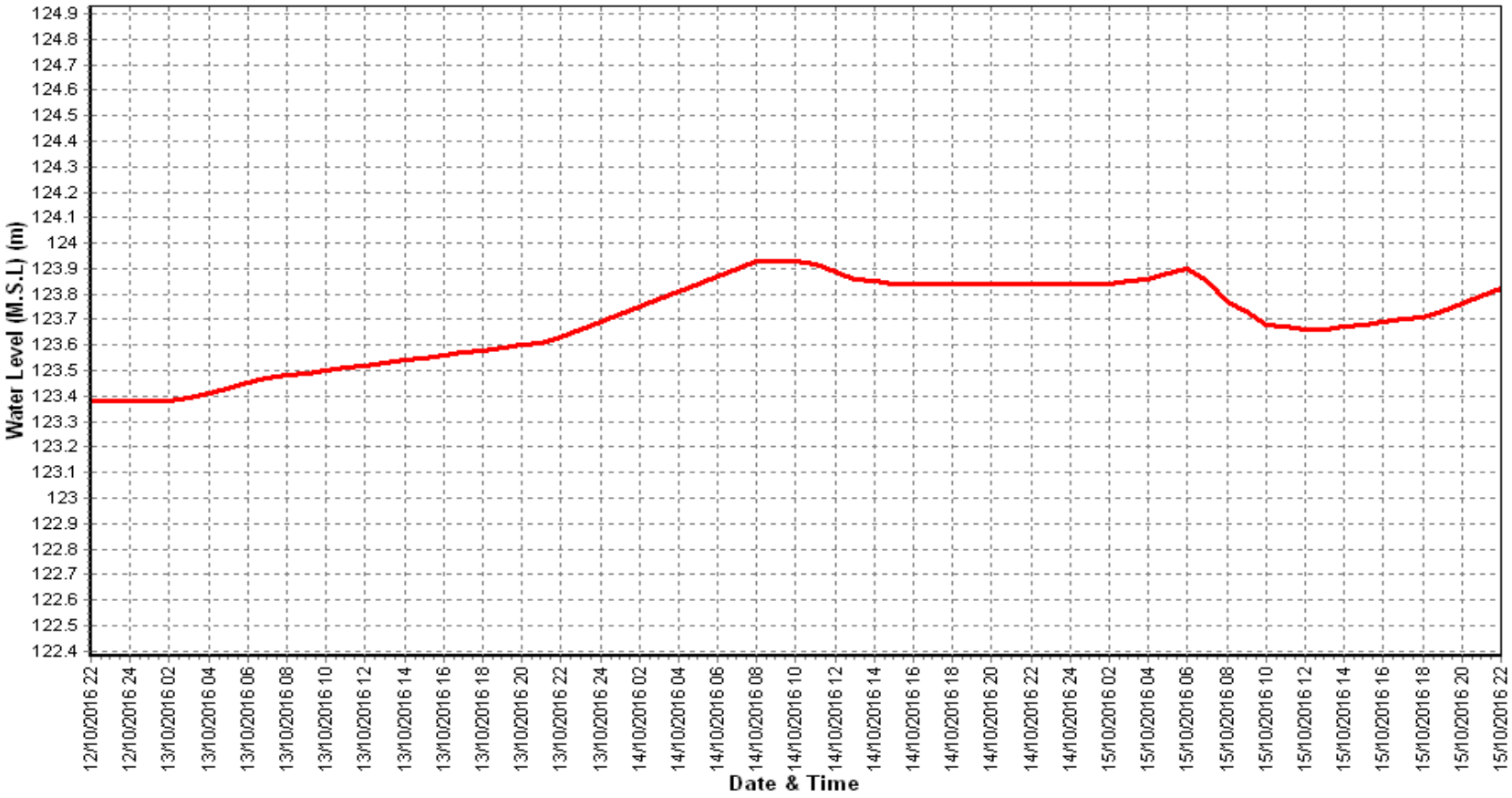
Local River : Cauvery **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

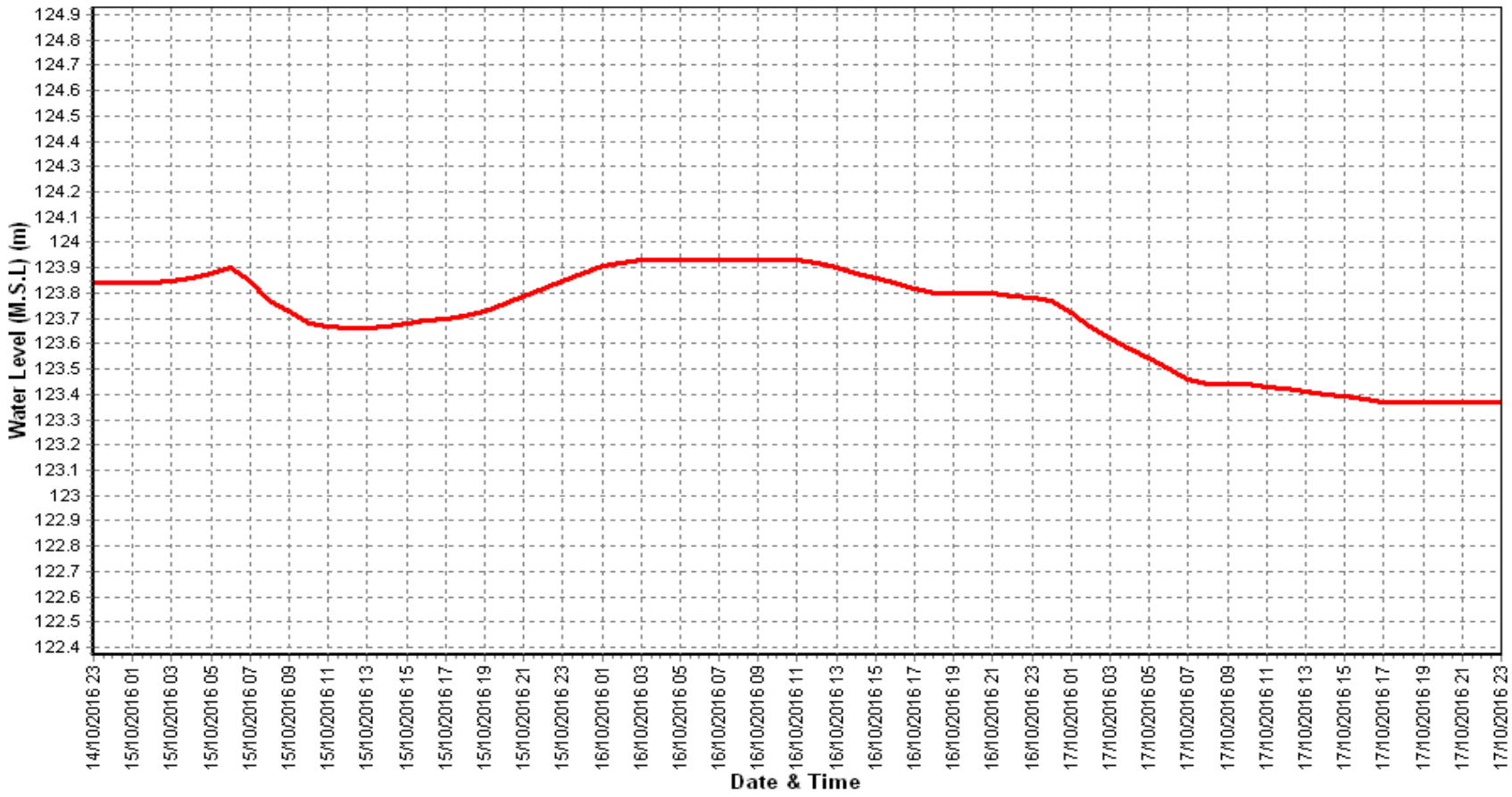


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

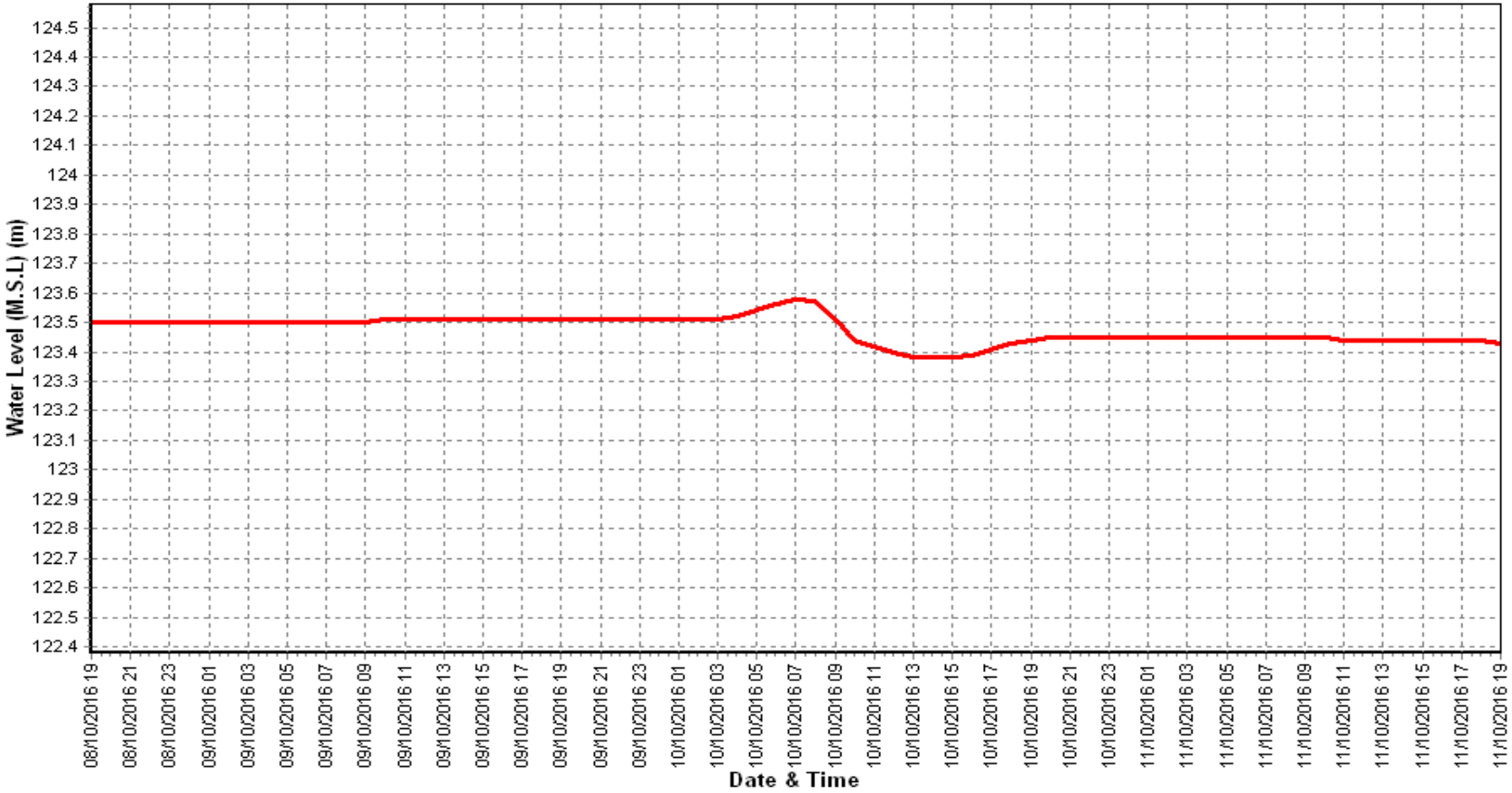


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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)

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

	Maximum			Minimum		
Year	**Q (cumecs)**	**WL (m)**	**Date**	**Q (cumecs)**	**WL (m)**	**Date**
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

Q : Observed / Computed Discharge

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

Stage-Discharge Data for the period 2016 - 2017

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	180.740	3.446	180.720	3.124	180.880	6.935	181.050	17.31	180.780	4.239	180.850	6.862
2	180.730	3.300	180.710	2.963	180.850	6.160	180.950	13.15	180.720	2.855 *	180.860	7.272
3	180.770	3.940	180.700	2.421 *	180.810	5.588	181.015	15.87	180.710	3.088	180.860	7.023
4	180.730	3.295	180.720	3.130	180.790	4.413	180.920	9.763 *	180.700	2.701	180.840	6.589
5	180.750	3.586 *	180.670	2.007	180.780	4.193	180.920	9.763 *	180.700	2.729	180.720	2.706
6	180.750	3.580	180.670	1.996	180.760	3.463	180.910	8.519	180.750	3.994	180.740	3.332 *
7	180.740	3.379	180.700	2.421 *	180.750	3.586 *	181.020	16.27	180.790	4.716	180.690	2.407
8	180.730	3.230	180.750	3.427	180.700	1.852	180.950	13.32	180.790	4.680	180.760	3.842
9	180.720	2.889	180.950	13.86	180.680	2.029 #	181.020	16.25	180.750	3.586 *	180.900	8.559
10	180.780	3.959	180.860	7.167 *	180.660	1.223	181.020	16.44	180.720	3.035	180.900	8.613
11	180.770	3.296	180.850	6.486	180.660	1.196	180.800	5.033 *	180.710	2.633 *	180.840	6.633
12	180.740	3.332 *	180.800	5.340	180.910	7.947	180.760	4.204	180.720	2.855 *	180.780	4.262
13	180.700	1.868	180.710	2.759	181.010	15.11	180.820	5.695 *	180.720	2.983	180.760	3.853 *
14	180.950	13.66	180.730	2.958	180.900	8.844 *	180.780	5.004	180.840	6.190	180.760	3.853 *
15	180.750	3.315	180.850	6.224	180.930	10.24 *	180.790	5.242	180.800	5.033	180.780	4.077
16	180.640	1.154	180.870	6.670	180.990	13.94	180.750	4.064	180.720	2.855 *	180.840	6.142
17	180.620	0.942	180.920	9.763 *	181.010	14.58	180.670	2.172	180.700	2.512	180.835	5.844
18	180.960	14.04	180.780	4.370	181.050	17.03	180.650	1.517 *	180.700	2.385	180.840	6.058
19	180.850	6.780 *	180.740	3.272	181.190	25.96	180.650	1.663	180.770	3.929	180.760	4.175
20	180.790	4.131	180.740	3.353	181.160	23.79	180.620	1.410	180.790	4.710	180.680	2.029 *
21	180.790	4.413	180.740	3.344	181.060	17.77 *	180.610	1.202	180.790	4.471	180.680	1.827
22	180.830	5.622	180.760	3.536	180.930	9.356	180.720	3.176	180.780	4.297	180.760	4.181
23	180.910	8.478	180.750	3.372	181.040	15.99	180.680	2.287	180.740	3.332 *	180.800	4.880
24	180.920	8.629	180.750	3.586 *	181.040	16.76	180.870	7.341	180.730	2.730	180.780	4.357
25	180.920	8.772	180.810	5.712	181.120	22.10 *	180.850	6.780 *	180.730	2.877	180.780	4.411
26	180.900	8.844 *	180.860	6.477	181.115	22.65	180.760	4.320	180.800	4.917	180.740	3.464
27	180.890	7.753	180.950	13.83	181.120	22.83	180.650	1.653	180.820	5.511	180.680	2.029 *
28	180.880	7.667	180.810	5.740	181.000	13.99 *	180.750	4.002	180.840	6.243	180.740	3.317
29	180.880	7.819	180.830	6.265	180.950	12.74	180.810	5.617	180.800	5.033 *	180.740	3.179
30	180.770	3.923	180.880	7.086	181.040	16.17	180.740	3.591	180.740	3.332 *	180.750	3.881
31			180.860	7.167 *	181.055	17.69			180.770	4.258		
Ten-Daily Mean												
I Ten-Daily	180.744	3.460	180.745	4.252	180.766	3.944	180.978	13.67	180.741	3.562	180.812	5.721
II Ten-Daily	180.777	5.251	180.799	5.119	180.981	13.86	180.729	3.600	180.747	3.609	180.788	4.693
III Ten-Daily	180.869	7.192	180.818	6.011	181.043	17.09	180.744	3.997	180.776	4.273	180.745	3.553
Monthly												
Min.	180.620	0.942	180.670	1.996	180.660	1.196	180.610	1.202	180.700	2.385	180.680	1.827
Max.	180.960	14.04	180.950	13.86	181.190	25.96	181.050	17.31	180.840	6.243	180.900	8.613
Mean	180.797	5.301	180.788	5.156	180.934	11.81	180.817	7.088	180.755	3.829	180.782	4.655

Annual Runoff in MCM = 154 Annual Runoff in mm = 27

Peak Observed Discharge = 25.96 cumecs on 19/08/2016 Corres. Water Level :181.19 m

Lowest Observed Discharge = 0.323 cumecs on 17/01/2017 Corres. Water Level :180.57 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 2016 - 2017

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	180.790	4.713	180.730	3.024 *	180.700	2.346	180.700	2.326	180.690	2.070	180.700	2.328
2	180.820	6.056	180.720	2.838	180.700	2.314	180.720	2.639	180.690	2.111 *	180.680	1.873
3	180.830	6.520	180.720	2.760	180.680	1.830	180.710	2.411	180.690	2.015	180.690	1.988
4	180.800	4.985 *	180.780	4.204	180.650	1.418	180.740	3.077	180.690	2.056	180.680	1.787
5	180.700	2.458	180.770	4.046	180.650	1.353 *	180.740	3.276 *	180.700	2.424	180.680	1.726
6	180.670	1.788	180.770	4.064	180.620	0.889 #	180.750	3.487	180.690	1.956	180.680	1.793
7	180.780	4.177	180.750	3.531	180.700	2.229	180.930	9.672	180.680	1.877	180.700	2.324 *
8	180.770	3.963	180.720	2.781 *	180.710	2.406	180.730	2.994	180.710	2.551	181.020	16.30
9	180.770	3.820	180.720	2.656	180.770	3.741	180.670	1.681	180.700	2.324 *	181.040	17.46
10	180.750	3.637	180.710	2.505	180.720	2.716	180.720	2.707	180.640	1.337	181.020	14.03 *
11	180.700	2.324 *	180.710	2.535	180.740	3.302	180.730	3.263	180.630	1.242	181.000	14.40
12	180.680	1.999	180.720	2.708	180.740	3.276 *	180.750	3.537 *	180.680	1.850	180.780	4.376
13	180.680	1.906 *	180.760	3.617	180.700	2.261	180.740	3.432	180.750	3.490	180.730	2.863
14	180.890	8.178	180.710	2.572	180.720	2.876	180.720	2.770	180.750	3.537 *	180.720	2.781 *
15	180.860	6.817	180.700	2.324 *	180.740	3.223	180.720	2.708	180.680	1.837	180.690	1.906
16	180.830	6.036	180.620	0.889 #	180.700	2.164	180.720	2.948	180.760	3.808 *	180.770	4.059
17	180.790	4.621	180.570	0.323 #	180.690	1.966	180.690	2.120	180.720	2.766	180.720	2.640
18	180.760	3.808 *	180.795	4.688	180.700	2.076	180.640	1.320	180.760	3.828	180.725	2.872
19	180.740	3.583	180.790	4.609	180.650	1.353 *	180.910	8.974 *	180.770	4.189	180.720	2.631
20	180.730	3.250	180.740	3.277	180.680	1.776	180.900	8.481	180.760	3.925	180.750	3.424
21	180.800	5.064	180.750	3.598	180.710	2.446	180.945	10.14	180.740	3.310	180.730	3.024 *
22	180.800	5.426	180.760	3.808 *	180.700	2.153	180.940	9.714	180.750	3.585	180.770	4.077
23	180.790	4.481	180.750	3.470	180.700	2.184	180.930	9.558	180.780	4.378 *	180.780	4.332
24	180.740	3.374	180.750	3.547	180.700	2.324 *	180.720	2.851	180.770	4.211	180.770	3.981
25	180.720	2.781 *	180.760	3.661	180.670	1.533	180.710	2.435	180.740	3.328	180.740	3.372
26	180.710	2.610	180.680	1.906 *	180.660	1.528 *	180.680	1.906 *	180.730	2.818	180.740	3.313
27	180.700	2.493	180.670	1.742	180.630	1.243	180.690	2.191	180.780	4.412	180.740	3.381
28	180.700	2.475	180.650	1.512	180.650	1.345	180.690	2.126	180.750	3.507	180.740	3.276 *
29	180.770	4.121	180.650	1.353 *			180.690	2.138	180.740	3.455	180.720	2.587
30	180.780	4.495	180.650	1.561			180.690	2.132	180.700	2.324 *	180.710	2.547
31	180.750	3.698	180.650	1.500			180.680	1.870			180.710	2.515
Ten-Daily Mean												
I Ten-Daily	180.768	4.212	180.739	3.241	180.690	2.124	180.741	3.427	180.688	2.072	180.789	6.161
II Ten-Daily	180.766	4.252	180.712	2.754	180.706	2.427	180.752	3.955	180.726	3.047	180.760	4.195
III Ten-Daily	180.751	3.729	180.702	2.514	180.678	1.844	180.760	4.278	180.748	3.533	180.741	3.310
Monthly												
Min.	180.670	1.788	180.570	0.323	180.620	0.889	180.640	1.320	180.630	1.242	180.680	1.726
Max.	180.890	8.178	180.795	4.688	180.770	3.741	180.945	10.14	180.780	4.412	181.040	17.46
Mean	180.761	4.053	180.717	2.826	180.692	2.152	180.751	3.9	180.721	2.884	180.763	4.515

Peak Computed Discharge = 22.10 cumecs on 25/08/2016 **Corres. Water Level :181.12 m**

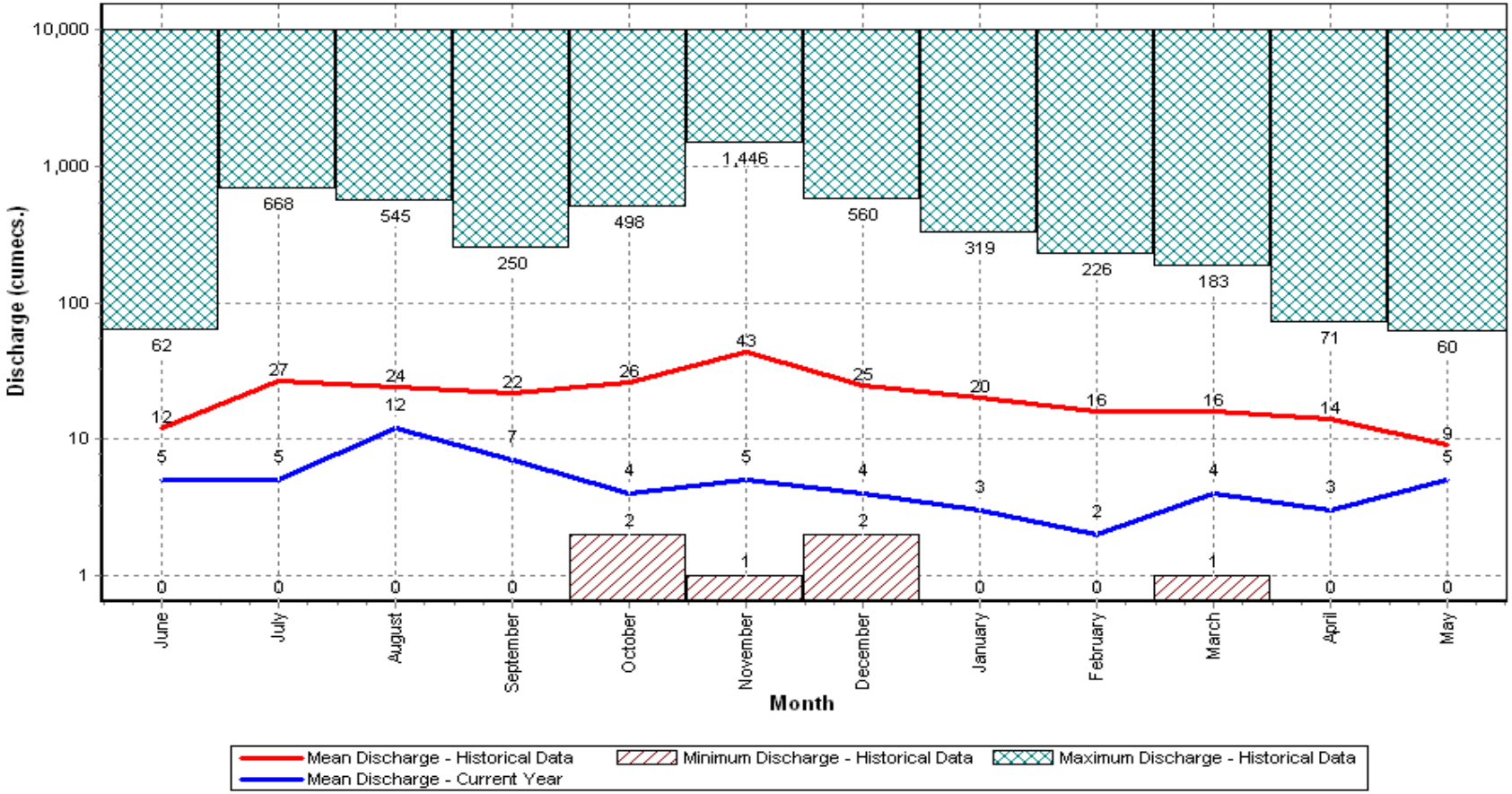
Lowest Computed Discharge = 1.353 cumecs on 29/01/2017 **Corres. Water Level :180.65 m**

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 : 2016-2017

Station Name : SAVANDAPUR (CCG00E3) **Data considered : 1978-2017** **Division : SR Division, Coimbatore**

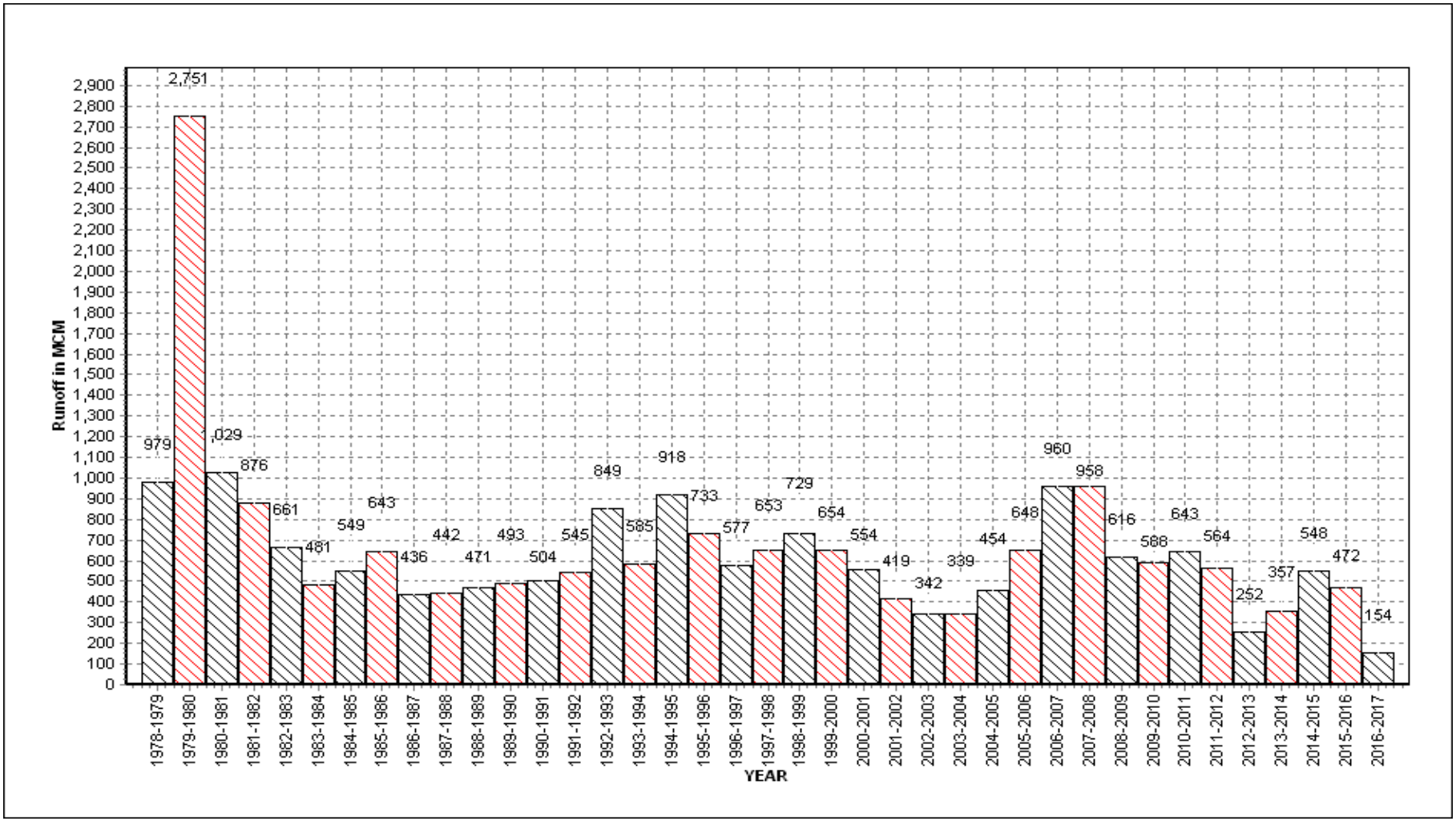
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1978 - 2017

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

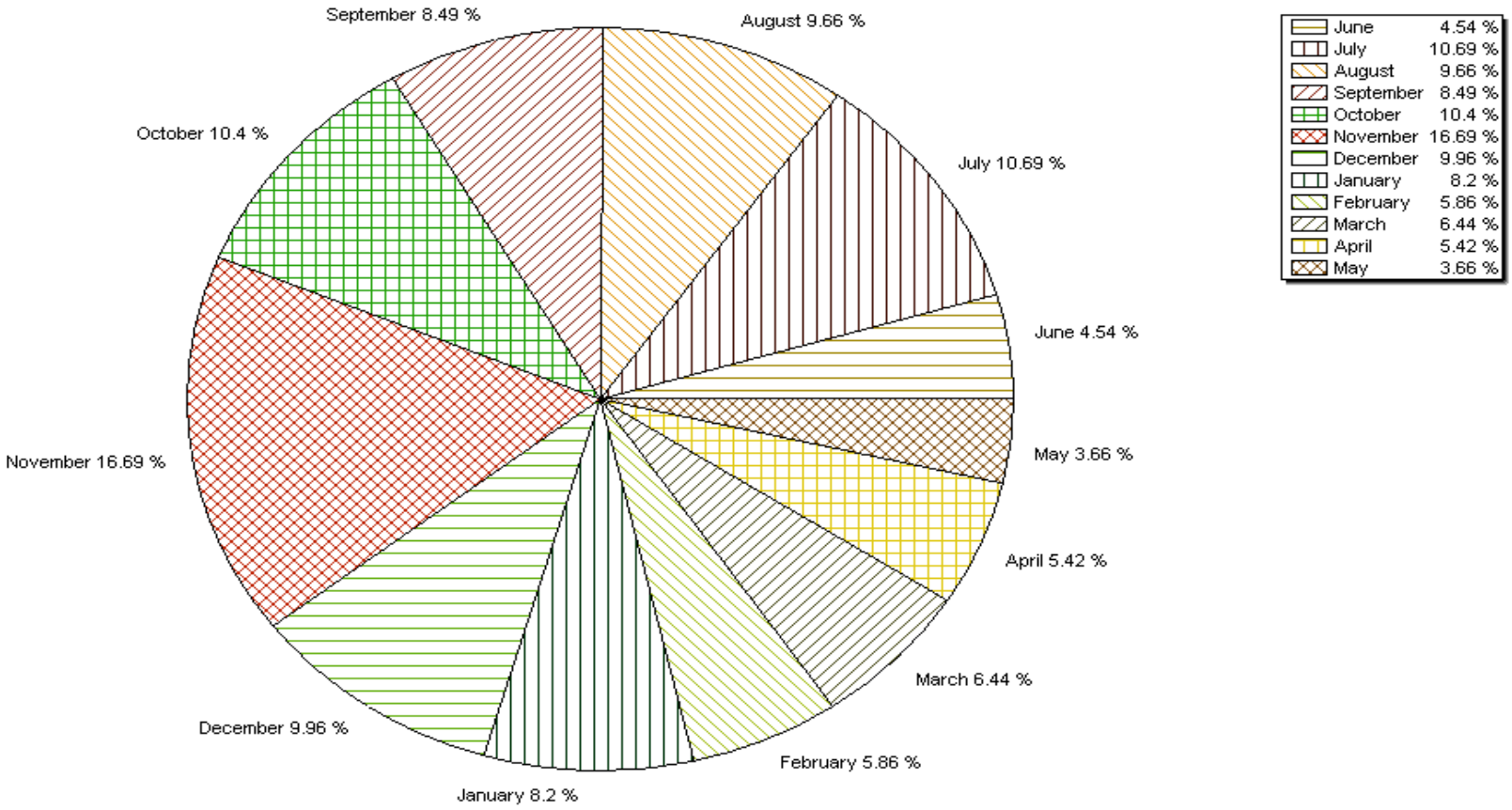
Monthly Average Runoff based on period : 1978-2016

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



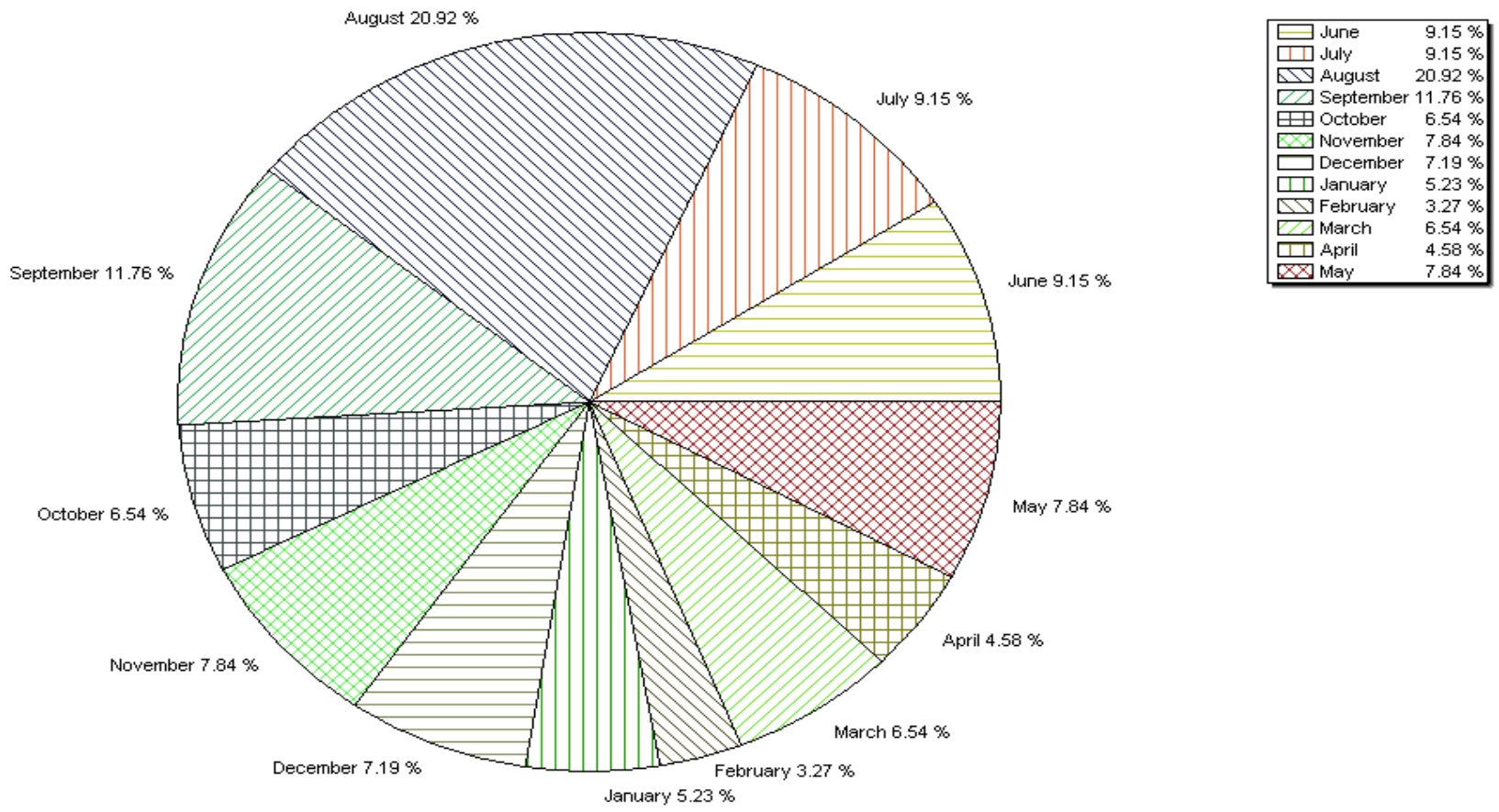
Monthly Runoff for the Year : 2016-2017

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

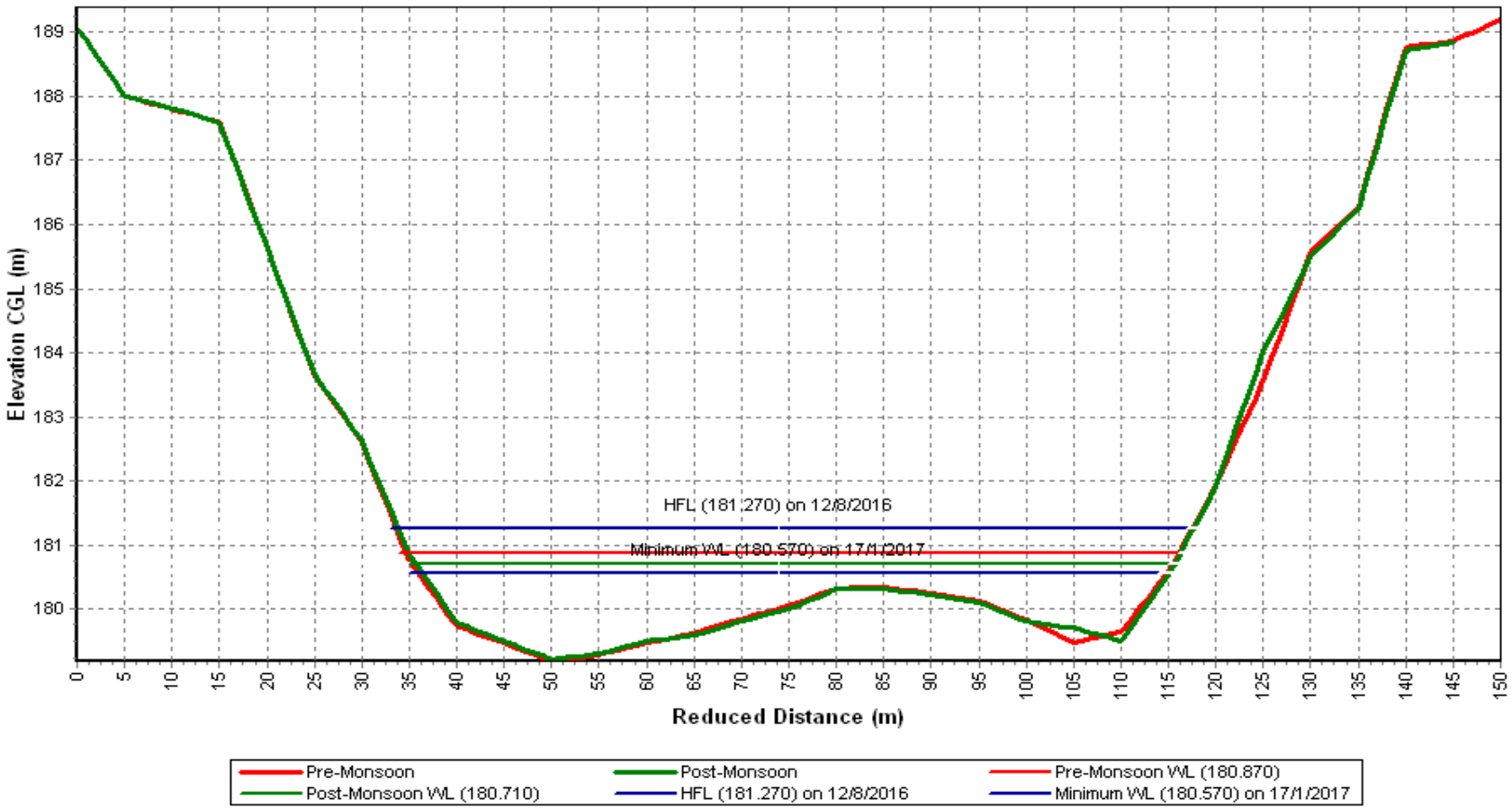
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

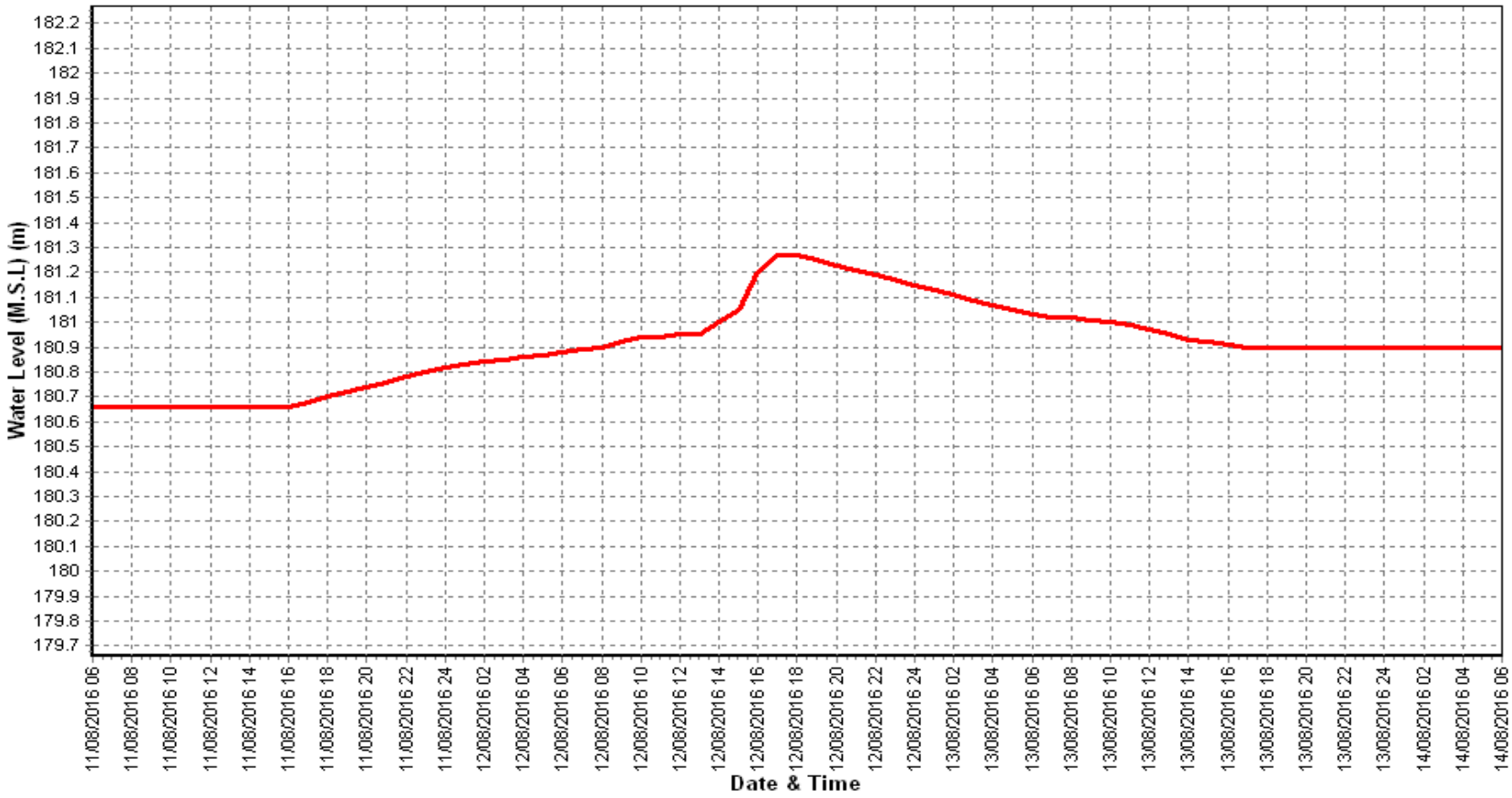
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

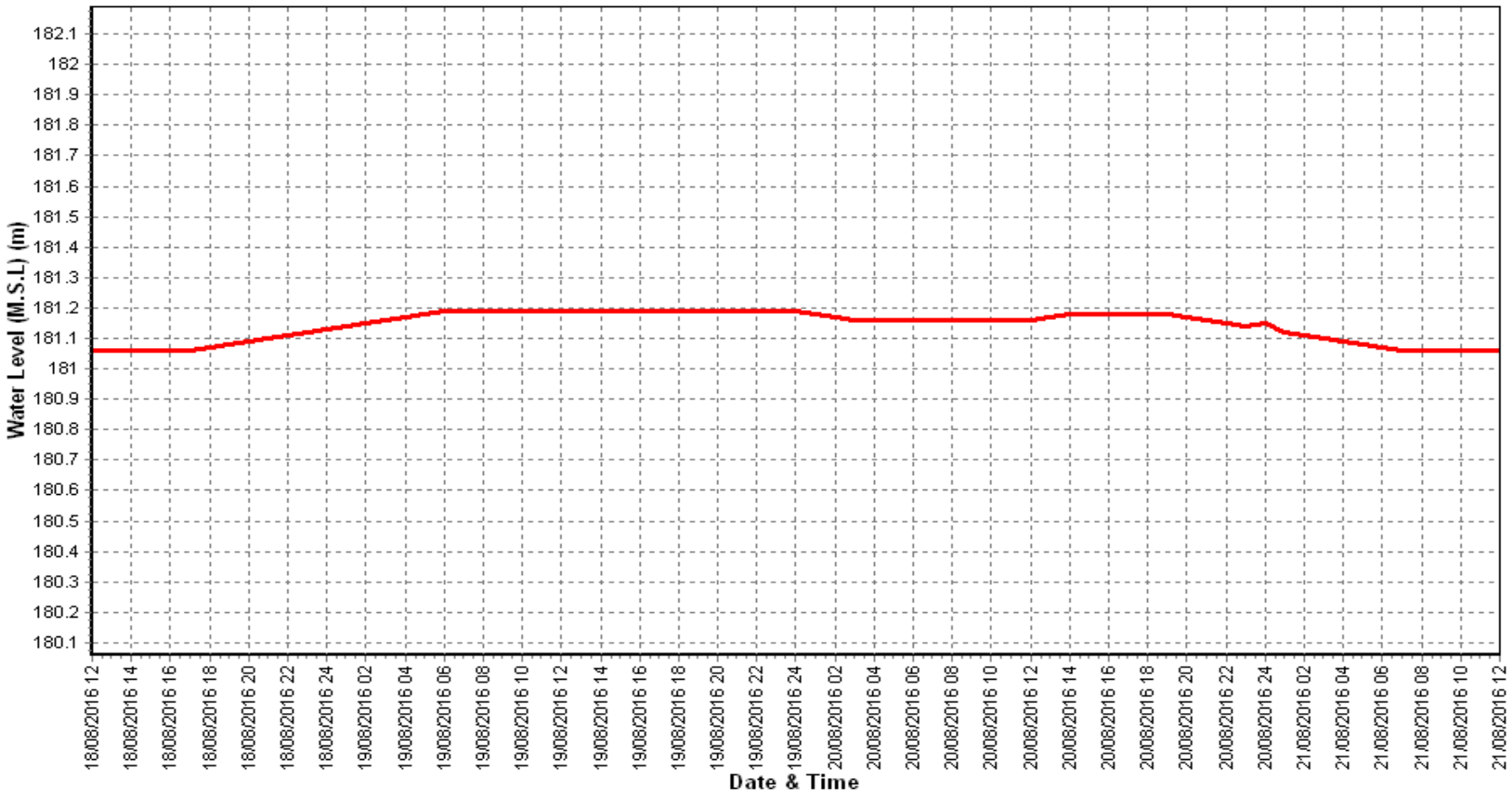


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

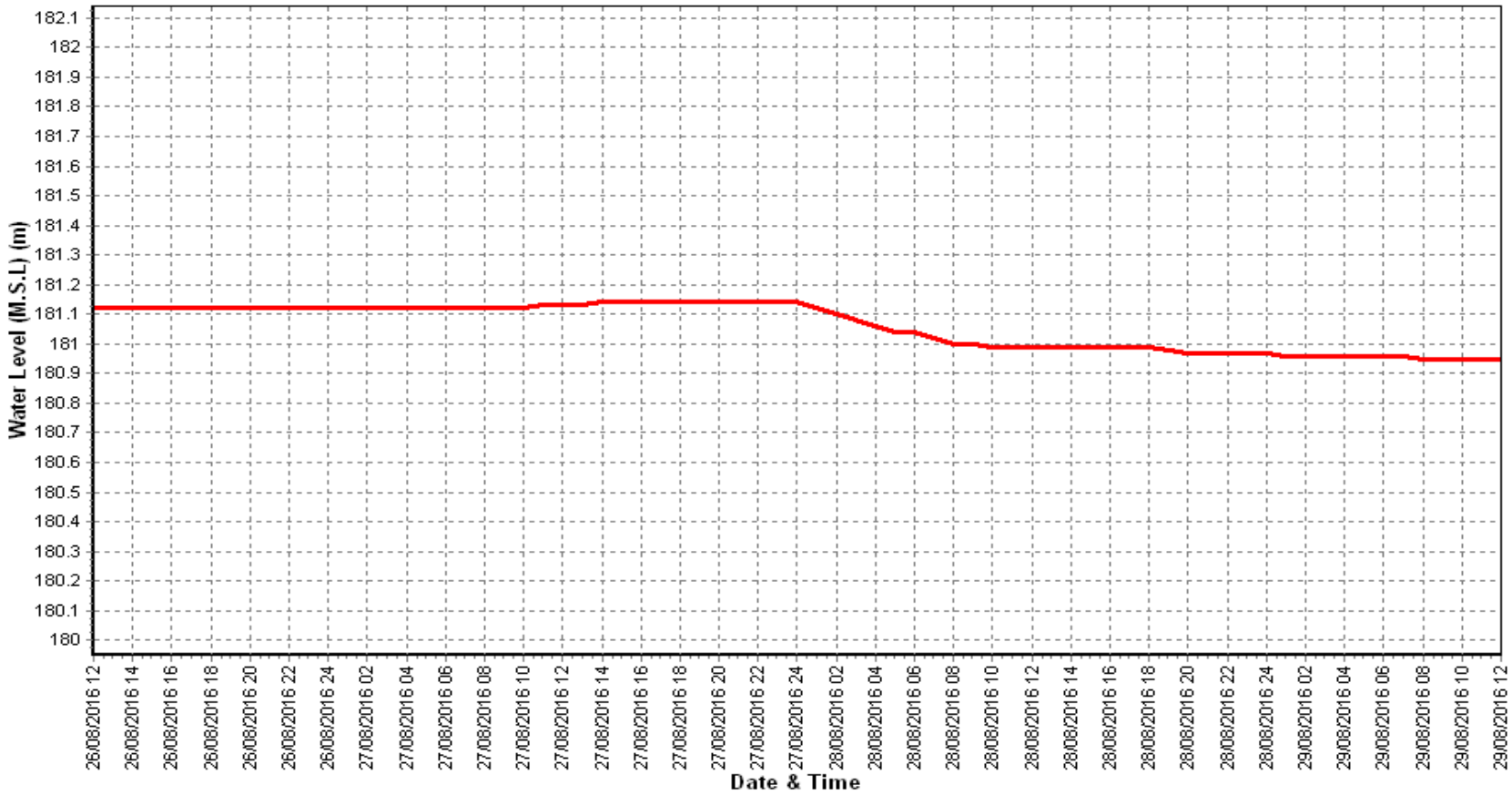


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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

Q :Observed / Computed Discharge

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

Stage-Discharge Data for the period 2016 - 2017

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	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	338.610	3.650	338.810	10.47	338.670	5.697	338.580	3.190	338.510	2.219	338.490	1.952
2	338.500	2.072	338.710	6.912	338.600	3.806	338.635	4.695	338.490	1.874 *	338.560	2.899
3	338.515	2.375	338.730	7.278 *	338.580	3.334	338.580	3.014	338.490	1.951	338.510	2.226
4	338.500	2.028	338.615	4.089	338.590	3.300	338.630	4.547 *	338.490	1.968	338.560	3.008
5	338.550	2.862 *	338.645	4.531	338.550	2.692	338.530	2.507 *	338.480	1.848	338.490	1.613
6	338.460	1.462	338.780	9.288	338.550	2.664	338.540	2.700	338.490	1.957	338.450	1.343 *
7	338.490	1.985	338.600	3.865 *	338.580	3.443 *	338.540	2.844	338.745	8.511	338.470	1.196
8	338.695	7.150	338.690	6.103	338.550	2.681	338.550	2.788	338.740	8.431	338.430	1.240
9	338.580	3.299	338.640	4.677	338.530	2.308	338.530	2.540	338.520	2.339 *	338.420	1.228
10	338.530	2.673	338.650	5.037 *	338.530	2.329	338.540	2.712	338.485	1.849	338.610	4.132
11	338.720	7.448	338.775	8.834	338.530	2.530	338.500	2.023 *	338.750	7.910 *	338.595	3.693
12	338.650	5.037 *	338.725	7.554	338.560	3.012	338.560	2.868	338.750	7.910 *	338.500	2.089
13	338.610	3.698	338.710	7.045	338.510	2.013	338.500	2.023 *	338.750	8.700	338.750	7.910 *
14	338.570	3.174	338.675	5.828	338.680	5.824 *	338.490	1.928	338.760	9.058	338.490	1.874 *
15	338.595	3.426	338.635	4.410	338.570	3.243 *	338.510	2.099	338.830	11.79	338.700	6.296
16	338.545	2.820	338.695	6.436	338.570	3.103	338.510	2.204	338.770	8.572 *	338.735	8.180
17	338.490	1.874	338.650	5.037 *	338.570	3.112	338.490	1.952	338.760	9.317	338.735	8.130
18	338.735	7.786	338.630	4.403	338.570	3.090	338.490	1.874 *	338.760	8.920	338.450	1.068
19	338.830	10.74 *	338.645	4.836	338.620	4.254	338.490	1.989	338.760	9.007	338.495	2.017
20	338.620	3.755	338.635	4.466	338.590	3.327	338.505	2.114	338.750	8.699	338.500	2.023 *
21	338.640	4.440	338.625	4.289	338.710	6.675 *	338.535	2.276	338.760	9.078	338.540	2.591
22	338.550	2.738	338.590	3.426	338.570	3.063	338.490	1.892	338.760	9.090	338.575	3.343
23	338.500	1.965	338.585	3.365	338.530	2.551	338.510	2.184	338.700	6.384 *	338.515	2.286
24	338.660	4.763	338.590	3.651 *	338.590	3.387	338.500	2.094	338.715	7.753	338.565	3.327
25	338.600	3.544	338.630	4.322	338.610	4.085 *	338.490	1.874 *	338.590	3.502	338.500	2.061
26	338.780	8.914 *	338.620	4.077	338.550	2.706	338.500	2.103	338.530	2.625	338.410	1.133
27	338.570	2.992	338.690	6.472	338.530	2.506	338.490	1.957	338.630	4.177	338.470	1.596 *
28	338.550	2.587	338.660	5.252	338.500	2.023 *	338.490	1.972	338.620	3.103	338.505	2.370
29	339.150	25.50	338.640	4.728	338.580	3.007	338.485	1.875	338.500	2.023 *	338.430	1.192
30	339.010	20.43	338.715	7.348	338.570	2.949	338.560	2.858	338.450	1.343 *	338.555	3.165
31			338.650	5.037 *	338.550	2.763			338.520	2.488		
Ten-Daily Mean												
I Ten-Daily	338.543	2.956	338.687	6.225	338.573	3.225	338.565	3.154	338.544	3.295	338.499	2.084
II Ten-Daily	338.637	4.976	338.678	5.885	338.577	3.351	338.504	2.108	338.764	8.989	338.595	4.328
III Ten-Daily	338.701	7.787	338.636	4.724	338.572	3.247	338.505	2.109	338.616	4.688	338.507	2.306
Monthly												
Min.	338.460	1.462	338.585	3.365	338.500	2.013	338.485	1.874	338.450	1.343	338.410	1.068
Max.	339.150	25.50	338.810	10.47	338.710	6.675	338.635	4.695	338.830	11.79	338.750	8.180
Mean	338.627	5.24	338.666	5.583	338.574	3.273	338.525	2.457	338.641	5.626	338.533	2.906

Annual Runoff in MCM = 135 Annual Runoff in mm = 98

Peak Observed Discharge = 168.4 cumecs on 27/05/2017 Corres. Water Level :340.27 m

Lowest Observed Discharge = 0.691 cumecs on 24/01/2017 Corres. Water Level :338.41 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 2016 - 2017

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	338.430	1.178	338.450	1.376 *	338.435	1.239	338.400	0.790	338.490	2.201	338.725	7.649
2	338.460	1.443	338.615	4.307	338.590	3.471	338.470	1.776	338.550	3.355 *	338.600	3.983
3	338.575	3.470	338.550	3.062	338.370	0.742	338.430	1.146	338.550	2.968	338.610	4.002
4	338.750	8.265 *	338.580	3.341	338.390	0.810	338.410	0.901	338.410	0.916	338.700	6.943
5	338.480	1.966	338.605	3.936	338.390	0.737 *	338.390	0.737 *	338.725	7.818	338.740	8.351
6	338.450	1.127	338.410	0.707	338.390	0.803	338.400	0.762	338.730	7.929	338.600	3.967
7	338.470	1.502	338.625	4.575	338.410	0.862	338.400	0.765	338.610	4.166	338.540	2.768 *
8	338.420	1.039	338.600	4.006 *	338.430	1.110	338.565	3.287	338.735	7.871	338.410	0.893
9	338.590	3.746	338.550	3.181	338.605	3.884	338.460	1.495	338.720	7.275 *	338.405	0.874
10	338.640	4.756	338.590	3.781	338.400	0.831	338.530	2.713	338.595	3.558	338.540	2.768 *
11	338.570	3.355 *	338.585	3.534	338.420	1.024	338.550	2.948	338.625	4.373	338.420	1.258
12	338.435	1.253	338.570	3.261	338.390	0.737 *	338.390	0.737 *	338.555	3.070	338.490	1.964
13	338.480	1.780 *	338.600	4.140	338.430	1.111	338.400	0.815	338.730	7.710	338.725	7.657
14	338.465	1.495	338.585	3.539	338.400	0.868	338.465	1.720	338.710	6.961 *	338.700	6.655 *
15	338.610	3.697	338.550	2.956 *	338.400	0.867	338.735	8.101	338.675	6.004	338.445	1.160
16	338.685	6.622	338.540	2.689	338.480	1.983	338.500	2.076	338.730	7.598 *	338.440	1.129
17	338.565	3.300	338.430	1.114	338.420	1.057	338.605	4.003	338.665	5.708	338.485	1.822
18	338.800	10.07 *	338.450	1.401	338.430	1.138	338.595	3.775	338.555	2.906	338.495	1.948
19	338.555	3.153	338.380	0.755	338.390	0.737 *	338.500	2.082 *	338.635	4.530	339.045	21.06
20	338.575	3.441	338.480	1.969	338.435	1.223	338.630	4.505	338.625	4.376	338.530	2.499
21	338.625	4.525	338.585	3.654	338.400	0.873	338.410	0.888	338.650	5.164	338.750	8.265 *
22	338.575	3.353	338.450	1.376 *	338.450	1.410	338.540	2.887	338.690	6.363	339.090	23.99
23	338.595	3.806	338.540	2.634	338.470	1.848	338.600	3.789	338.570	4.006 *	338.690	6.553
24	338.430	1.294	338.410	0.691	338.700	6.655 *	338.720	7.891	338.570	3.207	338.600	3.735
25	338.570	3.355 *	338.460	1.571	338.630	4.632	338.605	3.668	338.725	7.764	338.755	8.147
26	338.475	1.883	338.350	0.430 *	338.630	4.722 *	338.660	5.505 *	338.690	6.674	338.540	2.682
27	338.590	3.768	338.380	0.720	338.410	0.911	338.620	4.336	338.735	8.110	340.270	168.4 #
28	338.430	1.102	338.430	1.088	338.420	1.053	338.500	2.174	338.705	7.293	338.550	2.956 *
29	338.450	1.380	338.420	1.041 *			338.470	1.734	338.730	7.867	338.570	3.688
30	338.480	1.999	338.420	1.041			338.420	0.893	338.750	8.265 *	338.530	2.890
31	338.540	2.633	338.480	2.082			338.675	6.497			338.480	1.933
Ten-Daily Mean												
I Ten-Daily	338.527	2.849	338.558	3.227	338.441	1.449	338.445	1.437	338.611	4.806	338.587	4.220
II Ten-Daily	338.574	3.817	338.517	2.536	338.419	1.074	338.537	3.076	338.650	5.324	338.578	4.715
III Ten-Daily	338.524	2.645	338.448	1.484	338.514	2.763	338.565	3.660	338.681	6.471	338.802	21.20
Monthly												
Min.	338.420	1.039	338.350	0.430	338.370	0.737	338.390	0.737	338.410	0.916	338.405	0.874
Max.	338.800	10.07	338.625	4.575	338.700	6.655	338.735	8.101	338.750	8.265	340.270	168.4
Mean	338.541	3.089	338.505	2.386	338.454	1.691	338.518	2.755	338.648	5.534	338.660	10.41

Peak Computed Discharge = 10.74 cumecs on 19/06/2016 **Corres. Water Level :338.83 m**

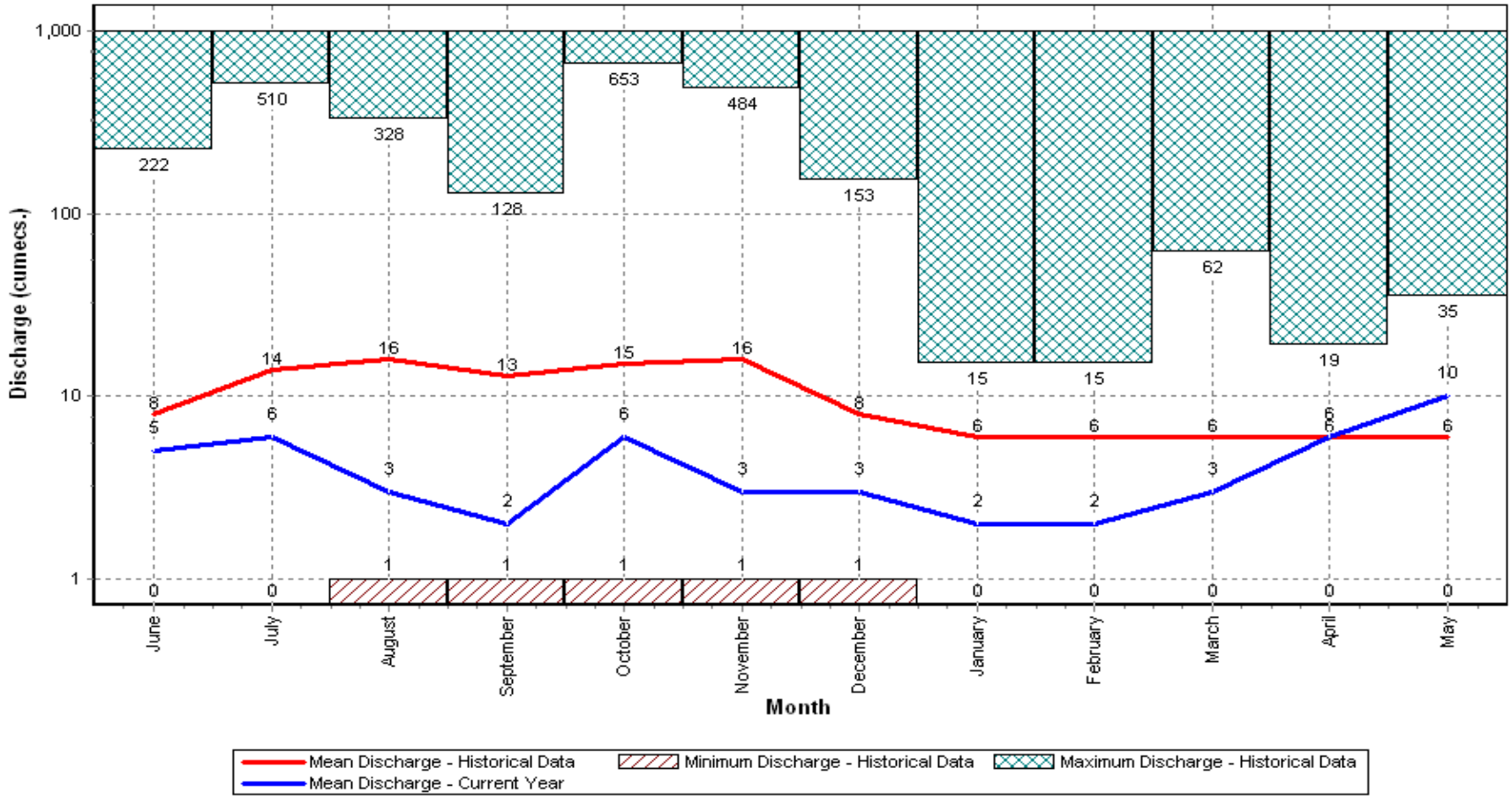
Lowest Computed Discharge = 0.430 cumecs on 26/01/2017 **Corres. Water Level :338.35 m**

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 : 2016-2017

Station Name : THENGUMARAHADA (CCGI0E9) **Data considered : 1979-2017** **Division : SR Division, Coimbatore**

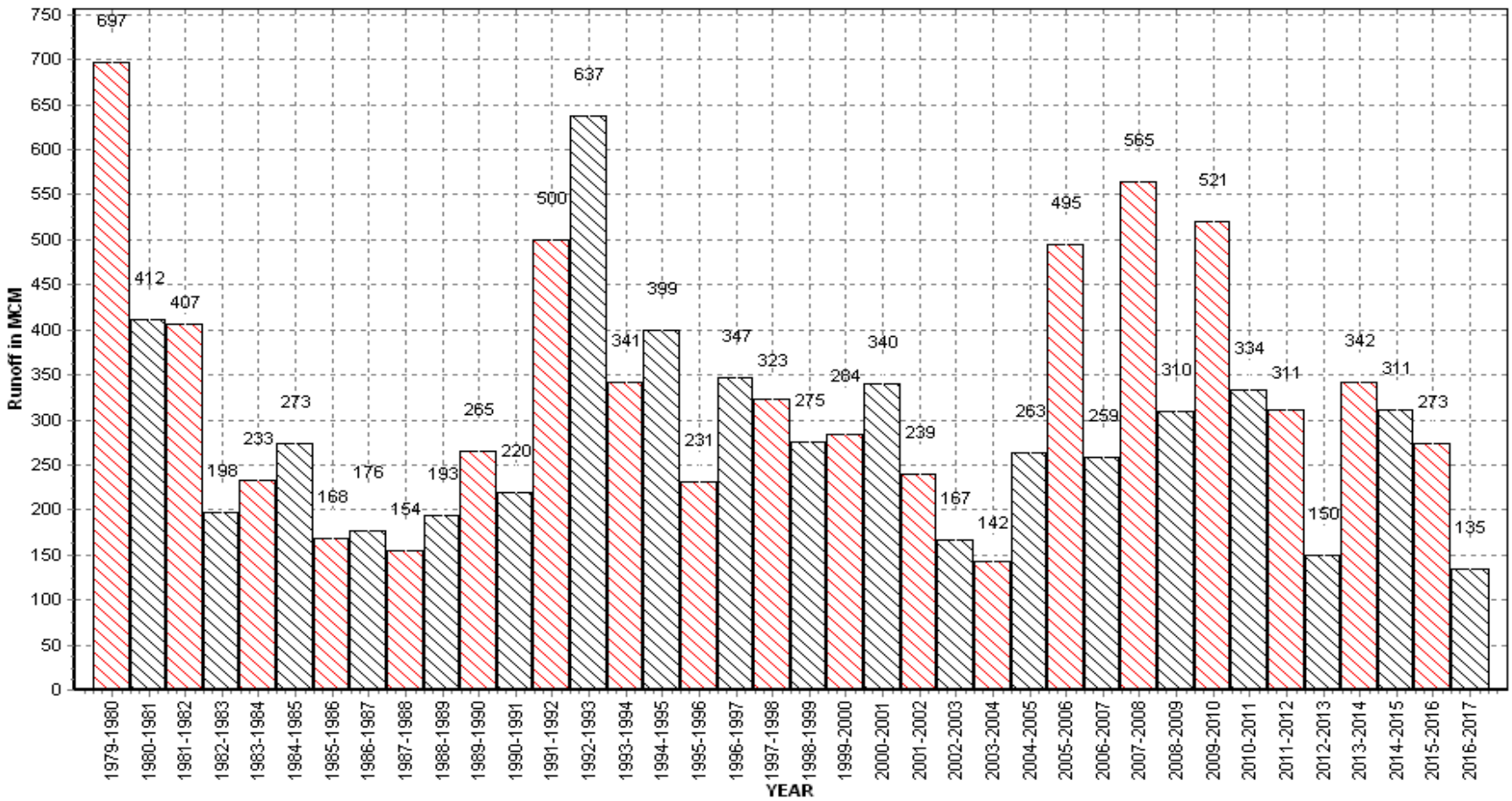
Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2017

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

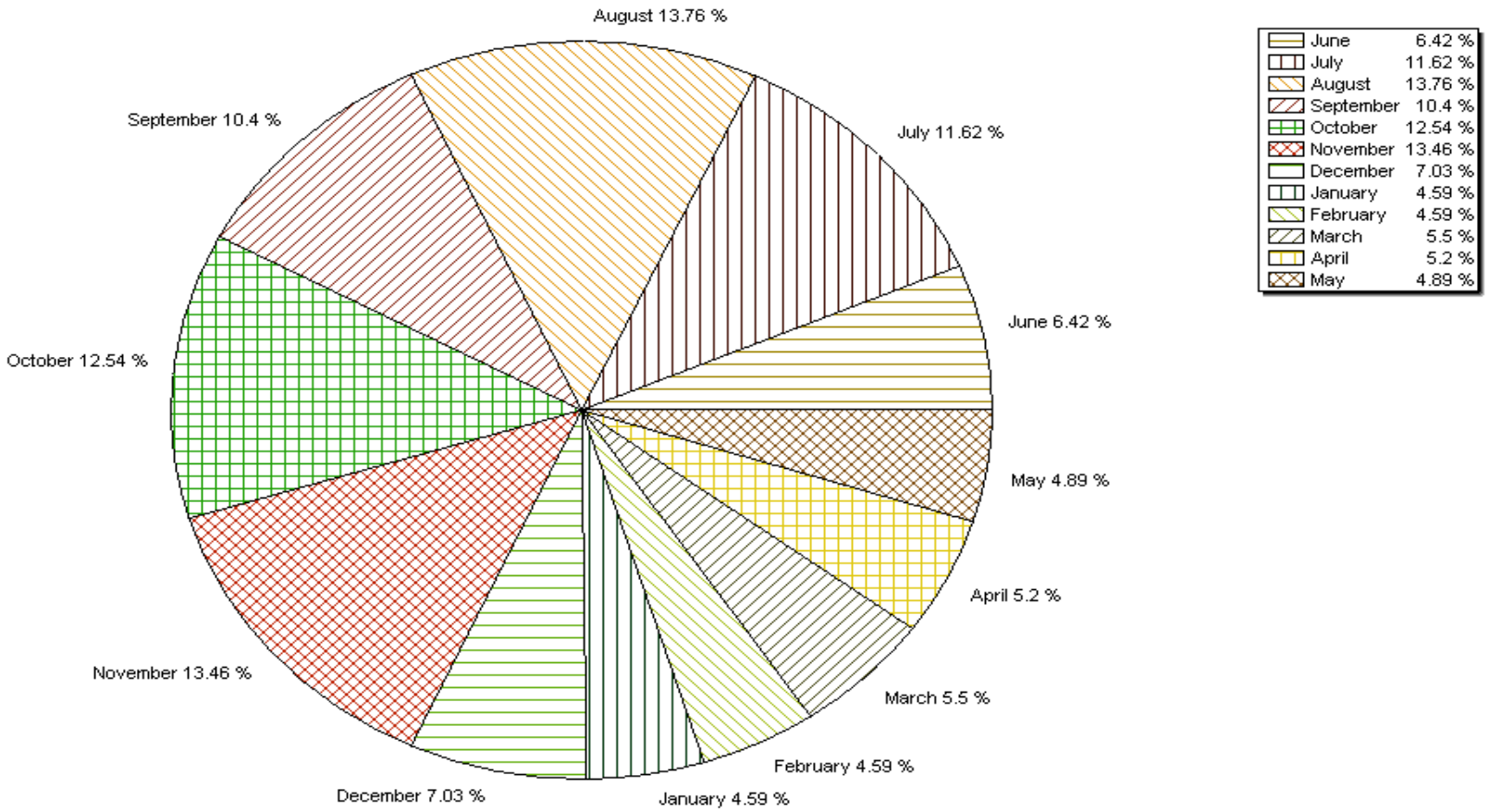
Monthly Average Runoff based on period : 1979-2016

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



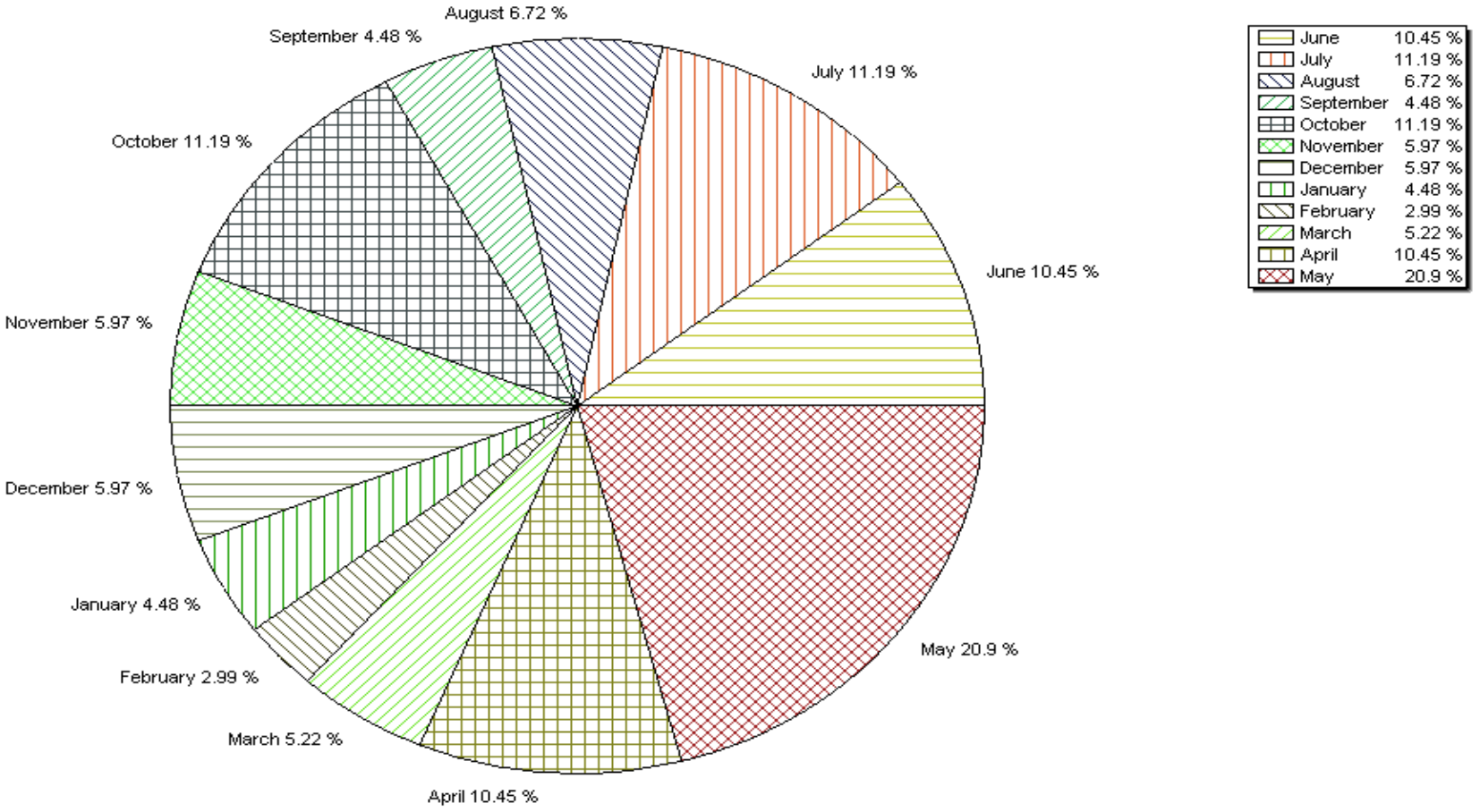
Monthly Runoff for the Year : 2016-2017

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

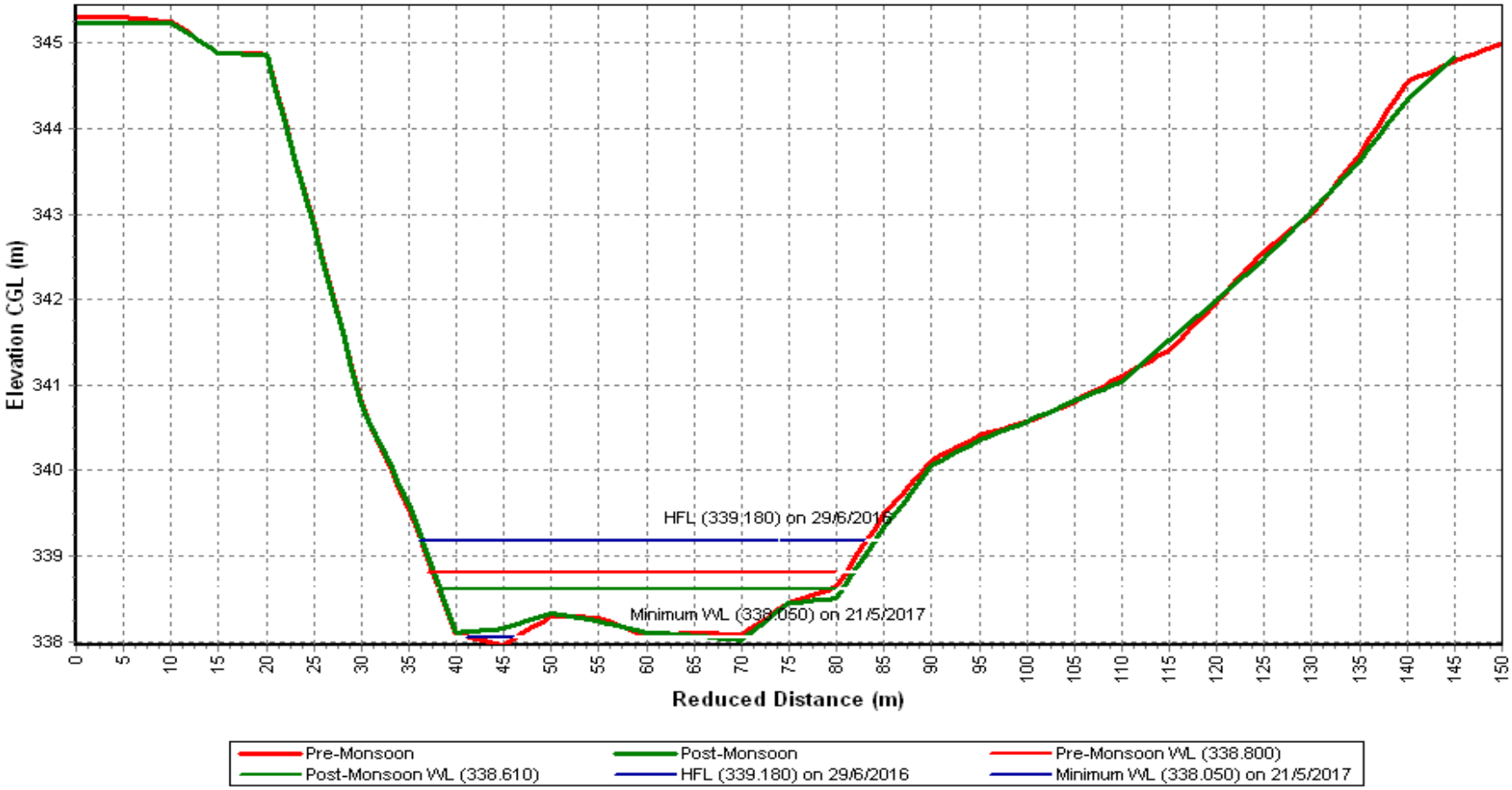
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

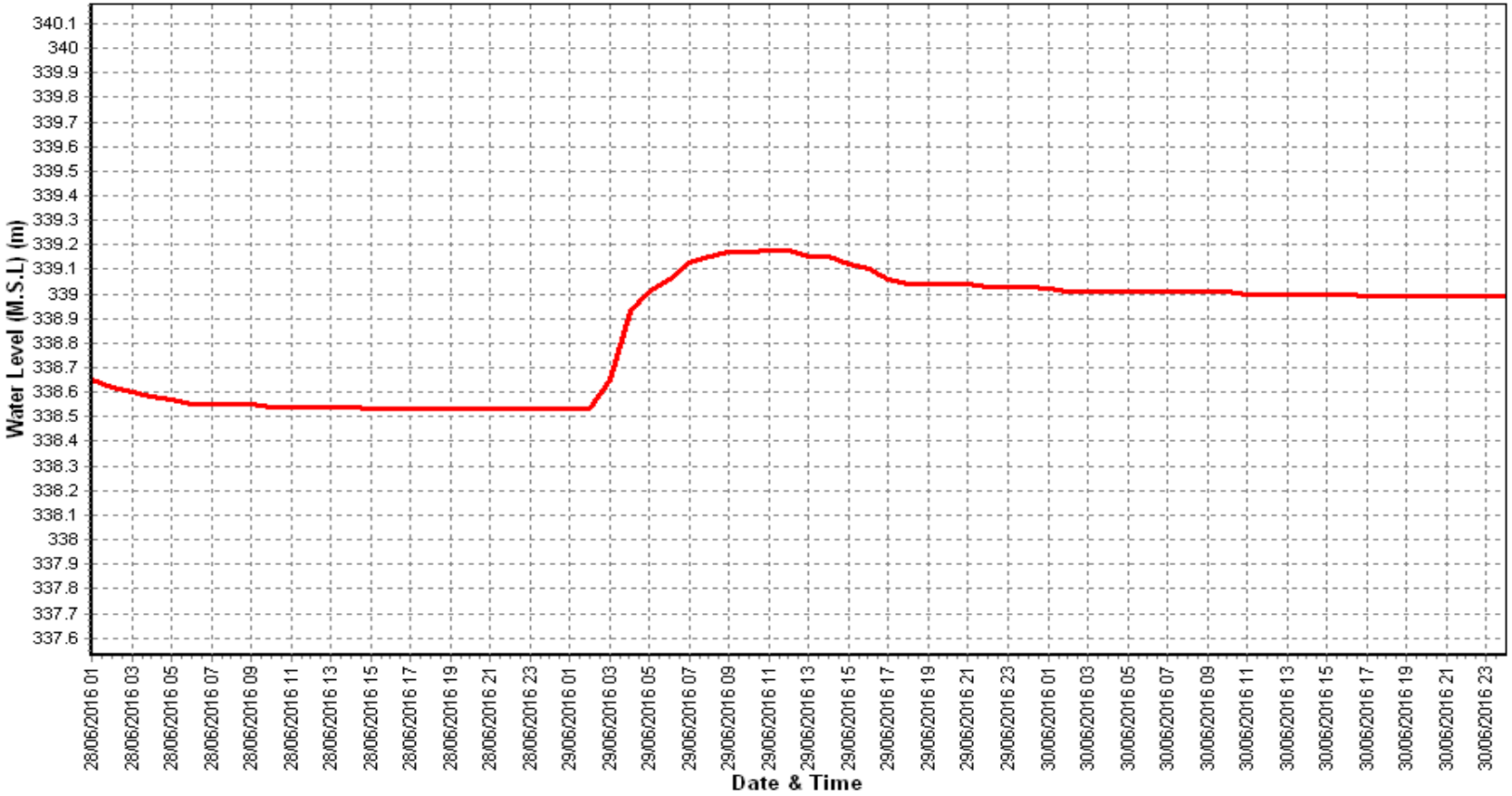
Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

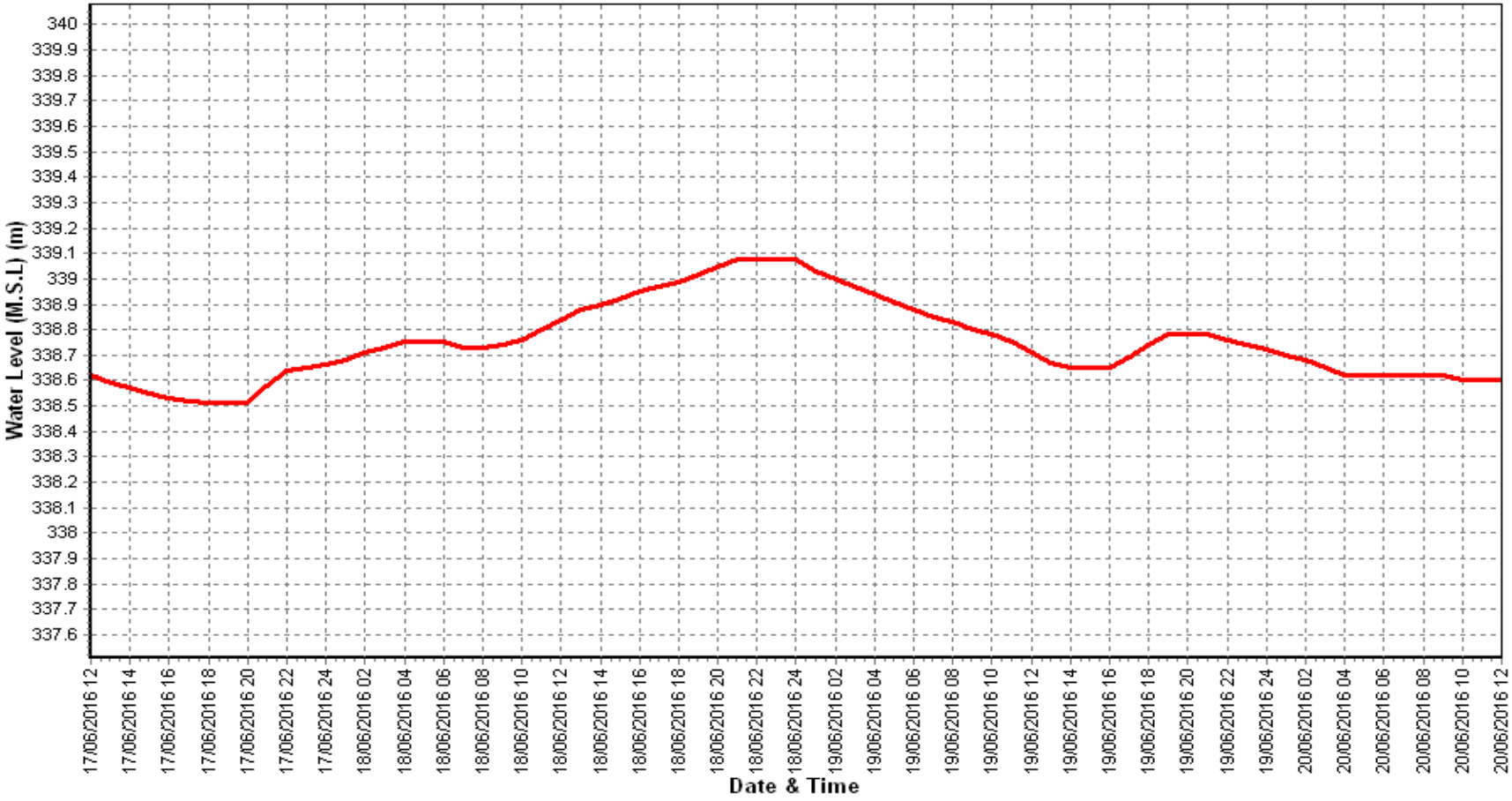


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

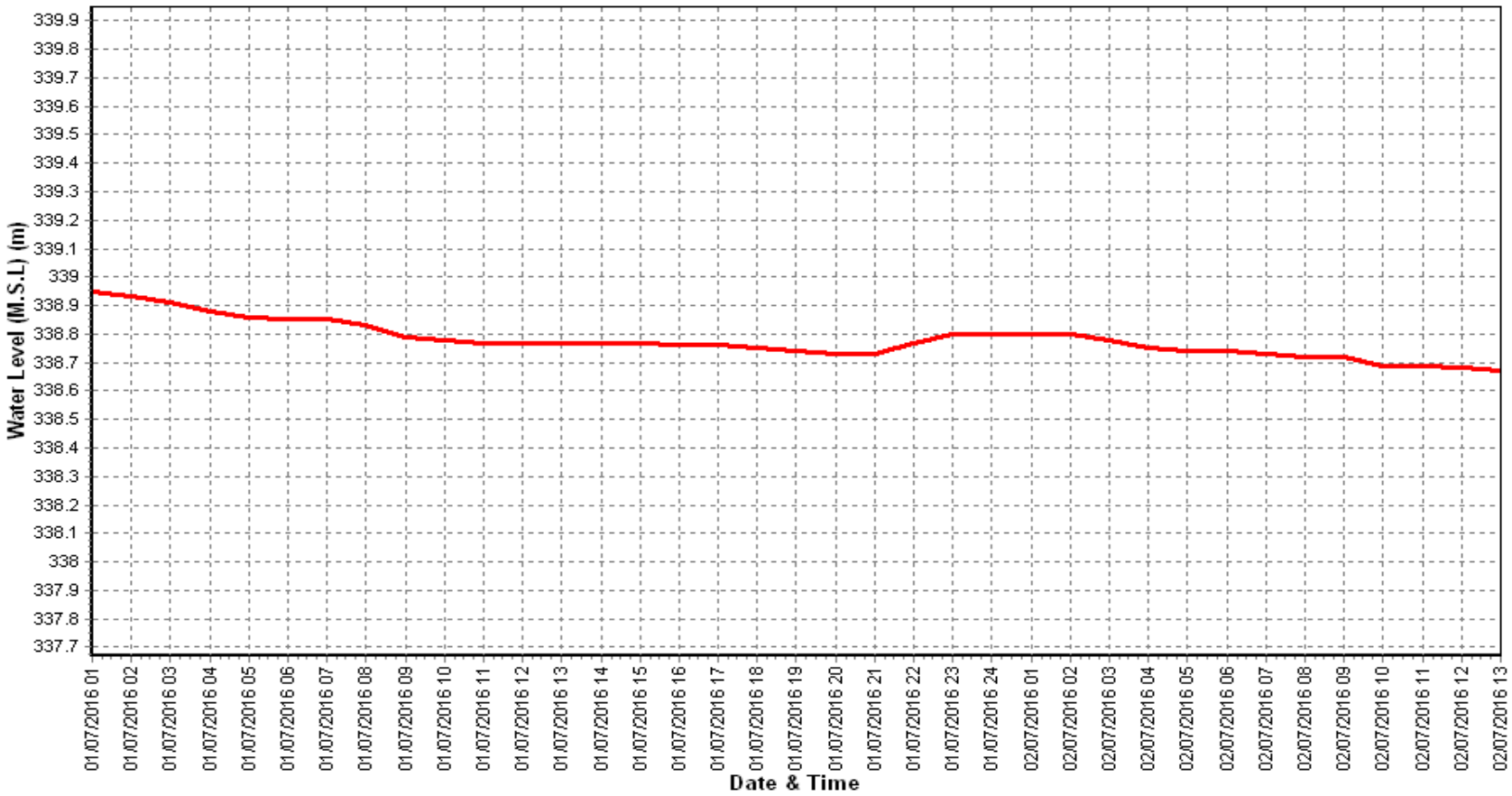


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	0.000	92.760	0.100	93.000	0.549	92.630	0.000	92.560	0.000		0.000
2	92.710	0.000	92.730	0.067 #	92.940	0.288	92.650	0.000	92.560	0.000	92.590	0.000
3	92.710	0.000	92.630	0.000	92.980	0.383	92.650	0.000	92.550	0.000	92.860	0.268
4	92.740	0.000	92.600	0.000	92.930	0.319	92.650	0.000	92.550	0.000	92.890	0.329
5	92.740	0.000	92.620	0.000	92.800	0.191	92.720	0.070		0.000	92.820	0.185
6	93.050	0.823	92.620	0.000	92.800	0.184	92.780	0.128		0.000	92.800	0.168 *
7	93.020	0.727	92.660	0.000	92.790	0.154 *	92.760	0.108		0.000	92.780	0.140 #
8	93.080	0.865	92.600	0.000	92.780	0.172	92.740	0.101		0.000	92.760	0.098
9	93.220	2.299	92.590	0.000	92.760	0.145	92.750	0.105		0.000	92.600	0.000
10	93.060	0.743	92.580	0.000	92.750	0.102 #	92.740	0.101		0.000	92.510	0.000
11	93.000	0.672	92.580	0.000	92.680	0.000	92.680	0.000		0.000	92.510	0.000
12	92.900	0.306 *	92.580	0.000	92.680	0.000	92.640	0.000		0.000	92.520	0.000
13	92.840	0.199	92.600	0.000	92.680	0.000	92.620	0.000		0.000	92.520	0.000
14	92.820	0.164	92.590	0.000	92.690	0.000	92.600	0.000		0.000	92.560	0.000
15	92.790	0.000	92.550	0.000	92.710	0.061 *	92.600	0.000	93.040	0.778	93.575	9.735
16	92.770	0.000	92.600	0.000	92.740	0.084	92.580	0.000	93.010	0.614 *	93.140	2.150
17	92.750	0.000	92.700	0.000	92.740	0.081	92.580	0.000	92.980	0.549	92.950	1.011
18	92.810	0.156	93.020	0.650	92.730	0.078	92.580	0.000	92.950	0.463	92.880	0.727
19	92.810	0.155 *	92.920	0.295	92.750	0.087	92.580	0.000	92.950	0.463	92.800	0.319
20	92.810	0.165	92.880	0.256	92.730	0.078	92.560	0.000	92.850	0.239	92.770	0.262 *
21	92.800	0.141	92.850	0.224	92.680	0.000	92.560	0.000	92.690	0.000	92.750	0.193
22	92.790	0.143	92.700	0.000	92.650	0.000	92.550	0.000	92.670	0.000	92.740	0.189
23	92.810	0.152	92.640	0.000	92.650	0.000	92.550	0.000	92.620	0.000	92.730	0.179
24	92.830	0.172	92.630	0.000	92.640	0.000	92.550	0.000	92.600	0.000	92.730	0.174
25	92.830	0.165	92.640	0.000	92.630	0.000	92.550	0.000		0.000	92.730	0.190
26	92.820	0.169 *	92.740	0.080	92.610	0.000	92.560	0.000		0.000	92.700	0.113 #
27	92.810	0.150	93.060	0.797	92.610	0.000	92.560	0.000		0.000	92.670	0.070 *
28	92.780	0.122	93.180	1.959	92.600	0.000	92.550	0.000		0.000	92.650	0.044
29	92.820	0.163	93.190	2.265	92.600	0.000	92.570	0.000		0.000	92.650	0.044
30	92.800	0.152	93.040	0.659	92.600	0.000	92.570	0.000		0.000	92.630	0.033
31			93.040	0.000	92.620	0.000				0.000		
Ten-Daily Mean												
I Ten-Daily	92.903	0.546	92.639	0.017	92.853	0.249	92.707	0.061	92.555	0.000	92.734	0.119
II Ten-Daily	92.830	0.182	92.702	0.120	92.713	0.047	92.602	0.000	92.963	0.311	92.823	1.420
III Ten-Daily	92.809	0.153	92.883	0.544	92.626	0.000	92.557	0.000	92.645	0.000	92.698	0.123
Monthly												
Min.	92.700	0.000	92.550	0.000	92.600	0.000	92.550	0.000	92.550	0.000	92.510	0.000
Max.	93.220	2.299	93.190	2.265	93.000	0.549	92.780	0.128	93.040	0.778	93.575	9.735
Mean	92.847	0.293	92.746	0.237	92.727	0.095	92.622	0.02	92.756	0.1	92.752	0.554

Annual Runoff in MCM = 8 Annual Runoff in mm = 91

Peak Observed Discharge = 10.97 cumecs on 15/03/2017 Corres. Water Level :93.565 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :92.7 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 2016 - 2017

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	92.640	0.056	92.700	0.163 *	92.870	0.590	92.510	0.000	92.690	0.105	92.540	
2	92.630	0.062 #	92.700	0.153	92.850	0.554	92.510	0.000	92.680	0.098 *	92.520	
3	92.680	0.129 #	92.680	0.129	92.800	0.490	92.510	0.000	92.670	0.090	92.500	
4	93.070	1.676 *	92.680	0.129	92.780	0.344 #	92.510	0.000	92.670	0.089	92.500	
5	93.040	1.515	92.660	0.122	92.730	0.222 *	92.510	0.000	92.650	0.074	92.500	
6	93.030	1.500	92.660	0.126	92.700	0.150	92.730	0.149	92.580	0.000	92.500	
7	92.890	0.703	92.630	0.075	92.720	0.160	92.670	0.119	92.580	0.000	92.520	0.000 *
8	92.850	0.474	92.620	0.052 *	92.710	0.153	92.700	0.134	92.580	0.000	92.550	0.000
9	92.830	0.425	92.610	0.043 #	92.670	0.115	92.680	0.116	92.560	0.000 *	92.550	0.000
10	92.820	0.403	92.580	0.000	92.670	0.106	92.660	0.105	92.560	0.000	92.590	0.000
11	92.810	0.432 *	92.580	0.000	92.650	0.094	92.650	0.099	92.560	0.000	92.740	0.154
12	92.780	0.387	92.580	0.000	92.650	0.086 *	92.650	0.098 *	92.540	0.000	92.660	0.091
13	92.760	0.379	92.580	0.000	92.650	0.090	92.650	0.097	92.540	0.000	92.740	0.154
14	92.790	0.319	92.570	0.000	92.620	0.078	92.640	0.089	92.520	0.000 *	92.750	0.000 *
15	93.100	1.958	92.560	0.000	92.620	0.081	93.565	10.97	92.510	0.000	92.770	0.162
16	93.050	1.571	92.550	0.000	92.600	0.075	93.210	3.843	92.510	0.000 *	92.720	0.132
17	92.980	1.120	92.550	0.000	92.620	0.079	93.050	1.811	92.510	0.000	92.650	0.086
18	92.970	1.091 *	92.550	0.000	92.610	0.075	92.950	0.997	92.550	0.000		0.000
19	92.960	1.011	92.550	0.000	92.590	0.000	92.900	0.719 *	92.570	0.000		0.000
20	92.840	0.572	92.540	0.000	92.580	0.000	92.840	0.452	92.530	0.000		0.000
21	92.820	0.548	92.540	0.000	92.580	0.000	92.840	0.420	92.560	0.000	92.590	0.000
22	92.800	0.493	92.540	0.000	92.560	0.000	92.880	0.615	92.580	0.000	92.820	0.380
23	92.790	0.473	92.540	0.000	92.560	0.000	92.830	0.349	92.590	0.000 *	92.770	0.215
24	92.770	0.317 #	92.540	0.000	92.550	0.000	92.810	0.333	92.680	0.124	92.810	0.343
25	92.730	0.222 *	92.530	0.000	92.550	0.000	92.790	0.322	92.620	0.086	92.770	0.202
26	92.710	0.167	92.530	0.000	92.540	0.000	92.760	0.201 *	92.620	0.086	92.770	0.213
27	92.710	0.165	92.530	0.000	92.530	0.000	92.750	0.159	92.610	0.081	92.800	0.336
28	92.710	0.159	93.100	1.963	92.510	0.000	92.720	0.126	92.560	0.000	92.790	0.000
29	92.710	0.204	93.080	1.742 *			92.710	0.120	92.560	0.000	92.780	0.224
30	92.710	0.158	93.050	1.610			92.700	0.113	92.560	0.000 *	92.740	0.145
31	92.700	0.141	93.000	1.101			92.690	0.110			92.720	0.132
Ten-Daily Mean												
I Ten-Daily	92.848	0.694	92.652	0.099	92.750	0.289	92.599	0.062	92.622	0.046	92.527	0.000
II Ten-Daily	92.904	0.884	92.561	0.000	92.619	0.066	92.911	1.918	92.534	0.000	92.719	0.078
III Ten-Daily	92.742	0.277	92.725	0.583	92.548	0.000	92.771	0.261	92.594	0.038	92.760	0.199
Monthly												
Min.	92.630	0.056	92.530	0.000	92.510	0.000	92.510	0.000	92.510	0.000	92.500	0.000
Max.	93.100	1.958	93.100	1.963	92.870	0.590	93.565	10.97	92.690	0.124	92.820	0.380
Mean	92.828	0.607	92.649	0.239	92.645	0.127	92.760	0.731	92.583	0.028	92.666	0.119

Peak Computed Discharge = 1.742 cumecs on 29/01/2017 **Corres. Water Level :93.08 m**

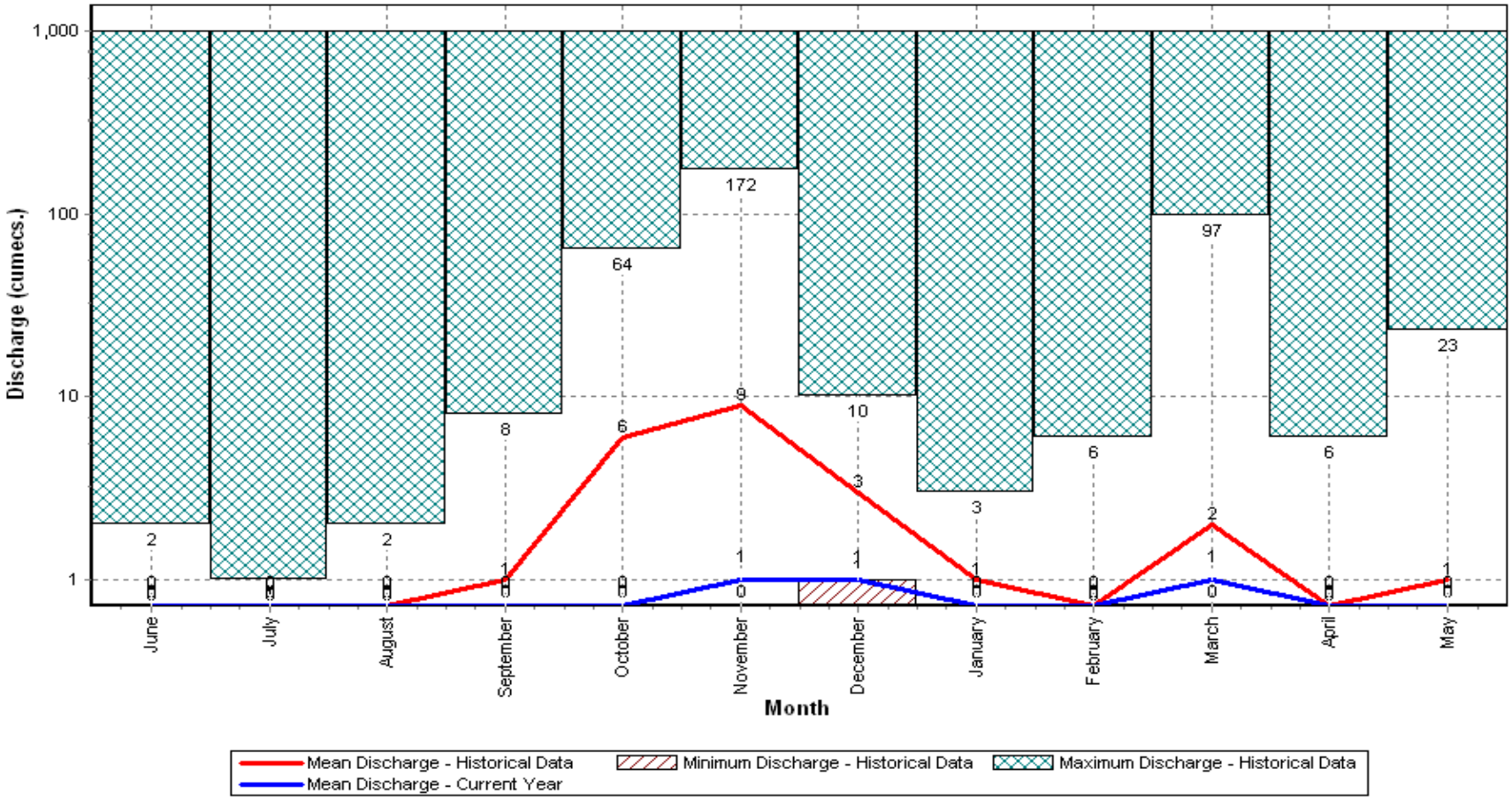
Lowest Computed Discharge = 0.000 cumecs on 09/04/2017 **Corres. Water Level :92.56 m**

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 : 2016-2017

Station Name : GANDHAVAYAL (CCG20C8) **Data considered : 2013-2017** **Division : SR Division, Coimbatore**

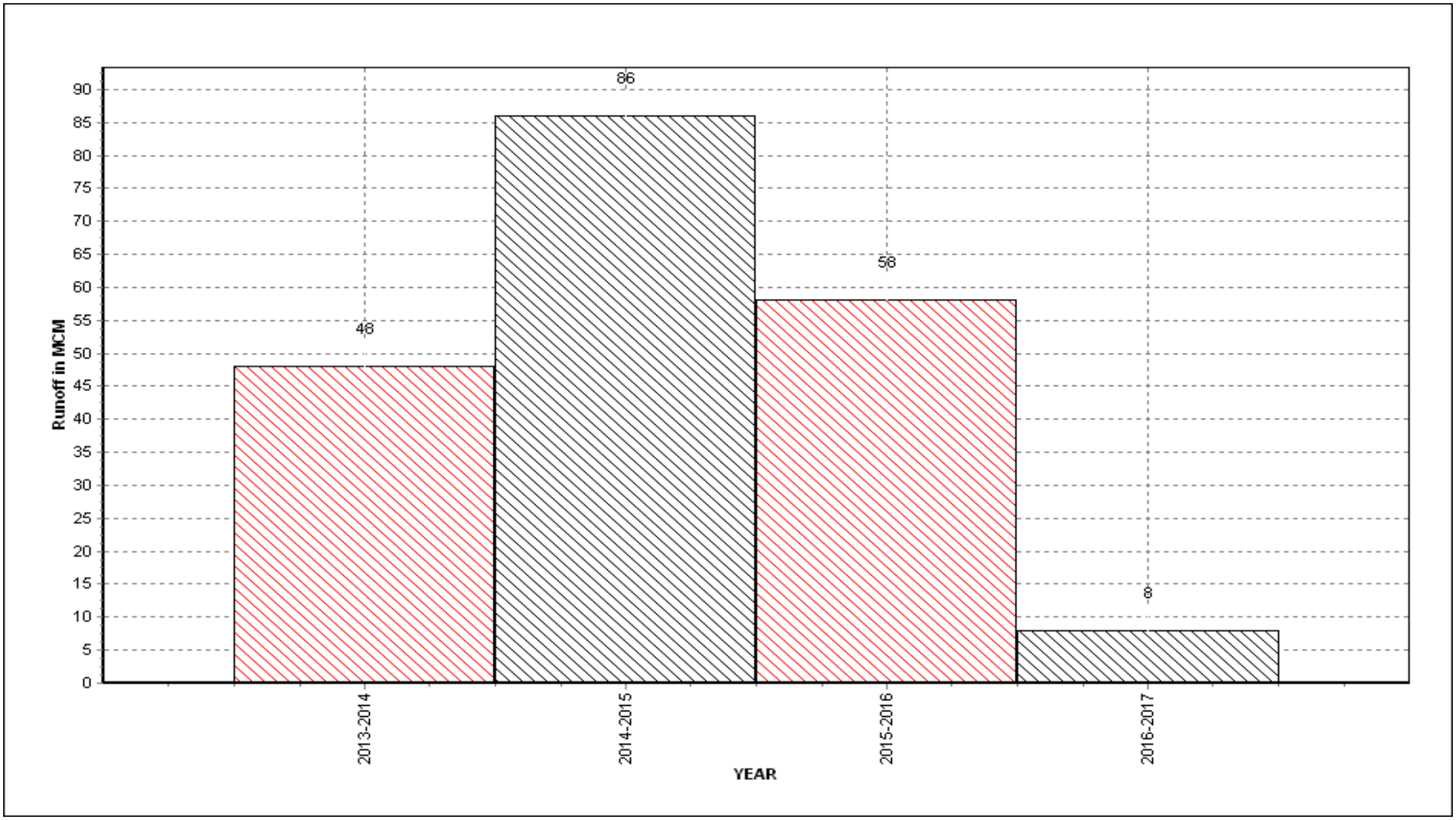
Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 2013 - 2017

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

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

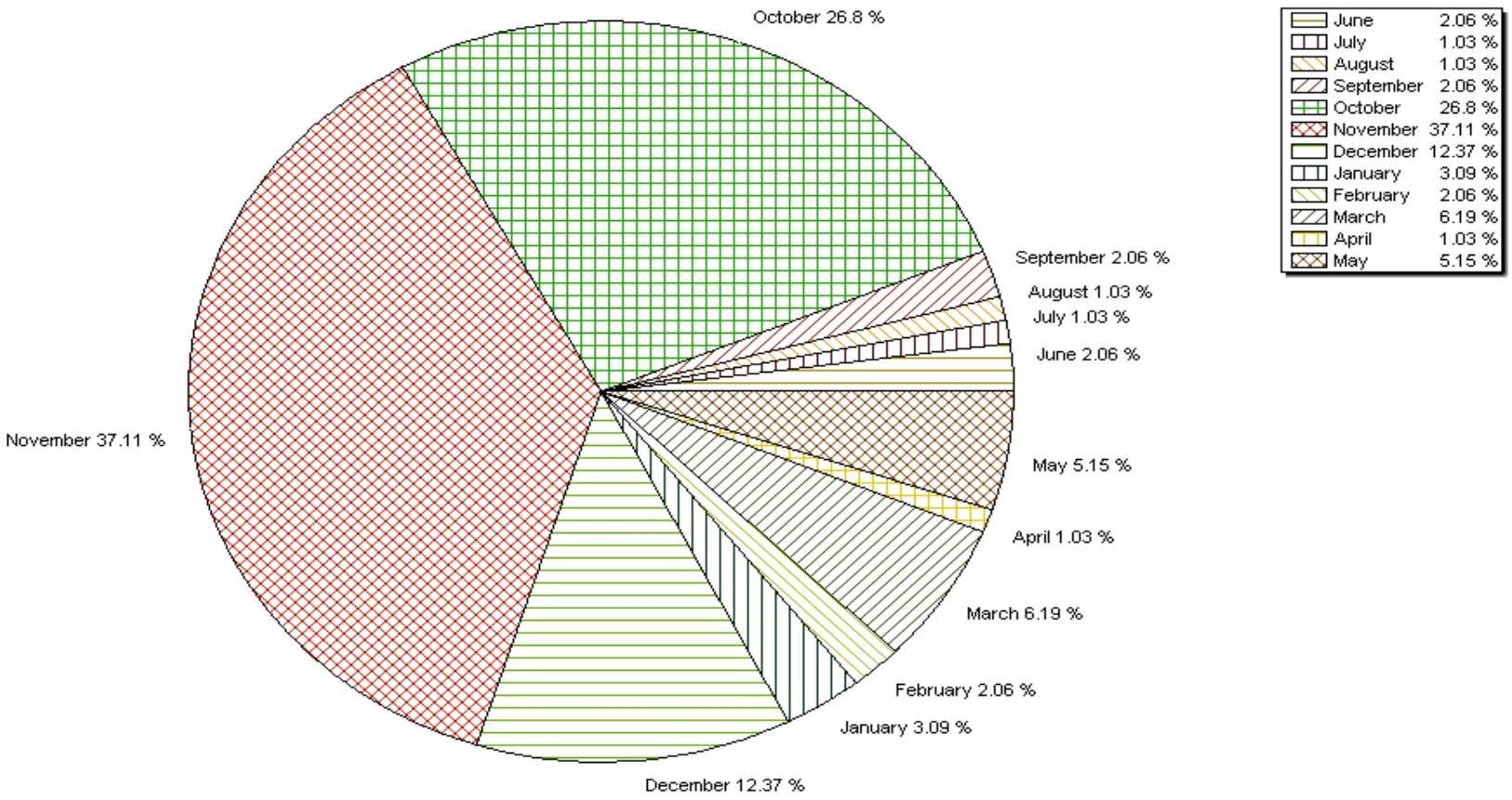


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2013-2016

Station Name : GANDHAVAYAL (CCG20C8)
Local River : Gandhayar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



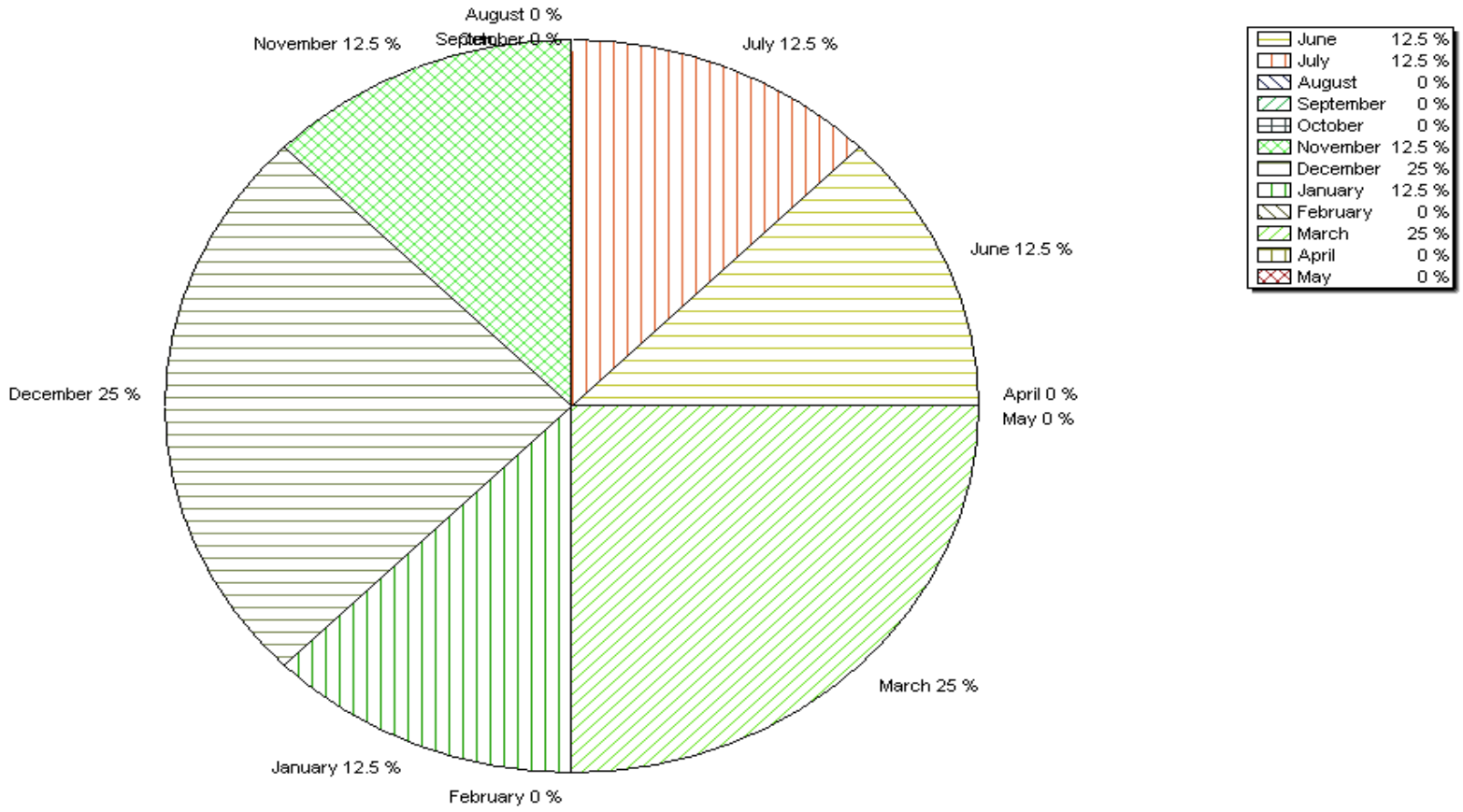
Monthly Runoff for the Year : 2016-2017

Station Name : GANDHAVAYAL (CCG20C8)

Local River : Gandhayar

Division : SR Division, Coimbatore

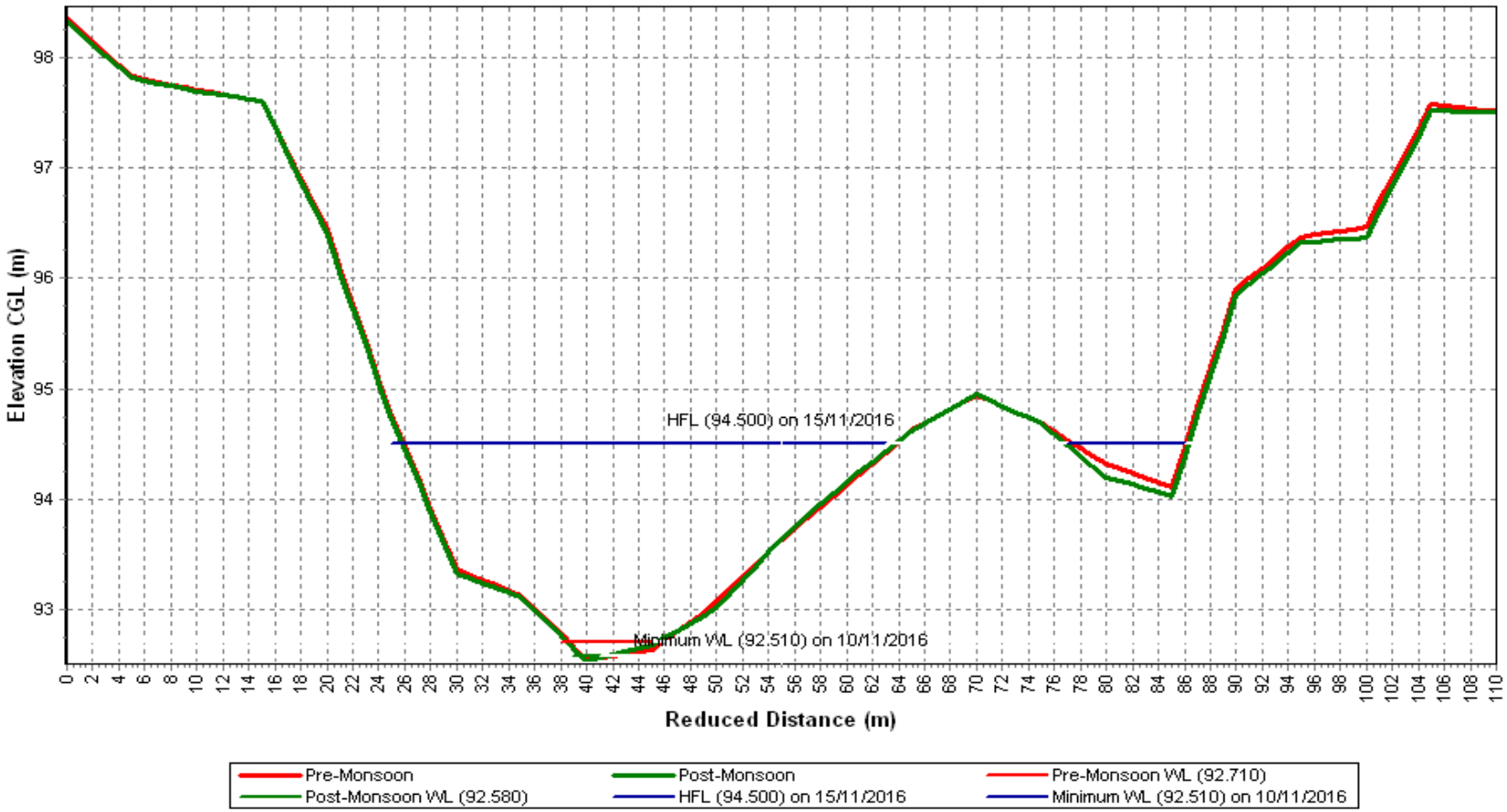
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

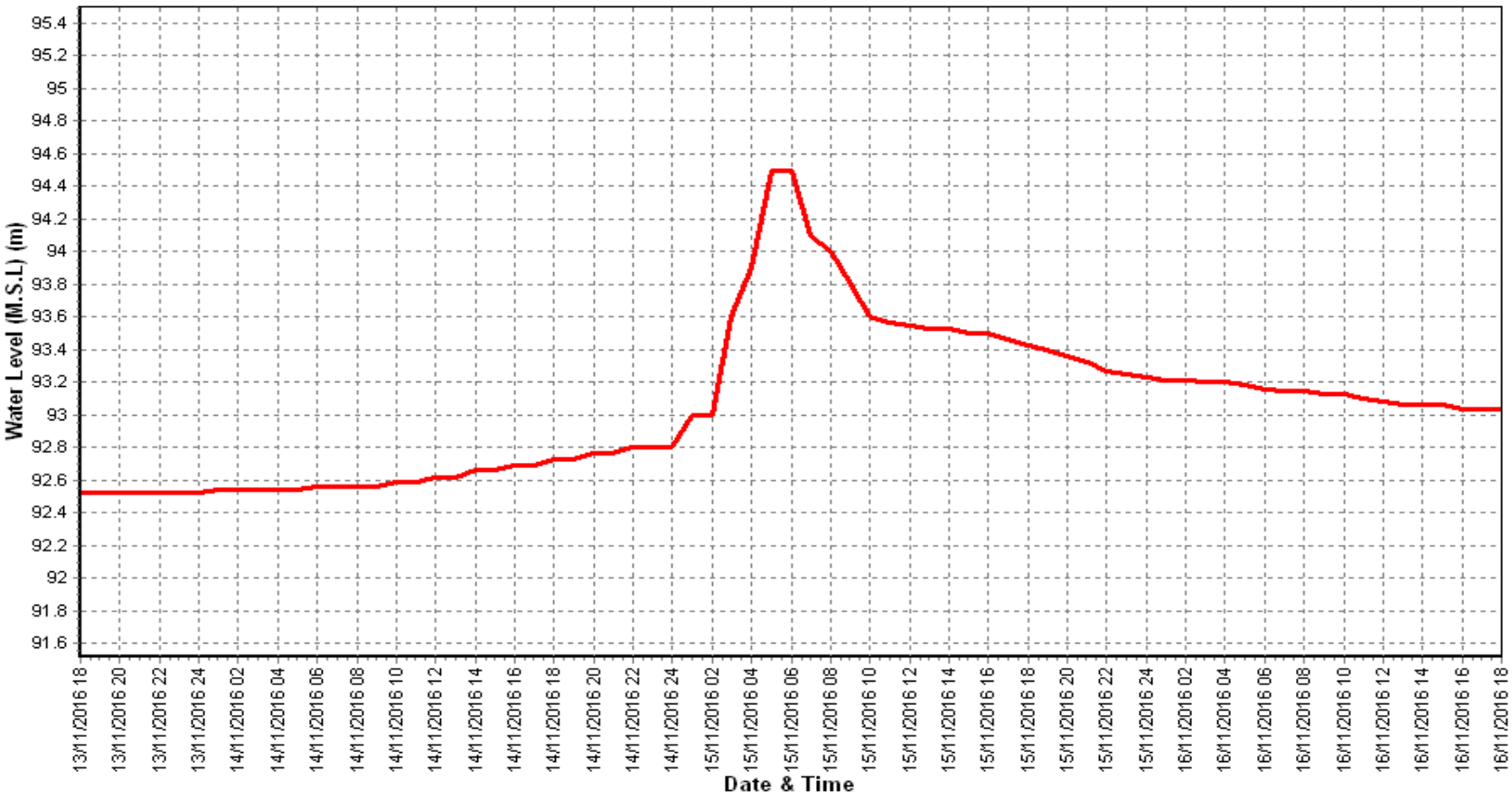
Local River : Gandhayar **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

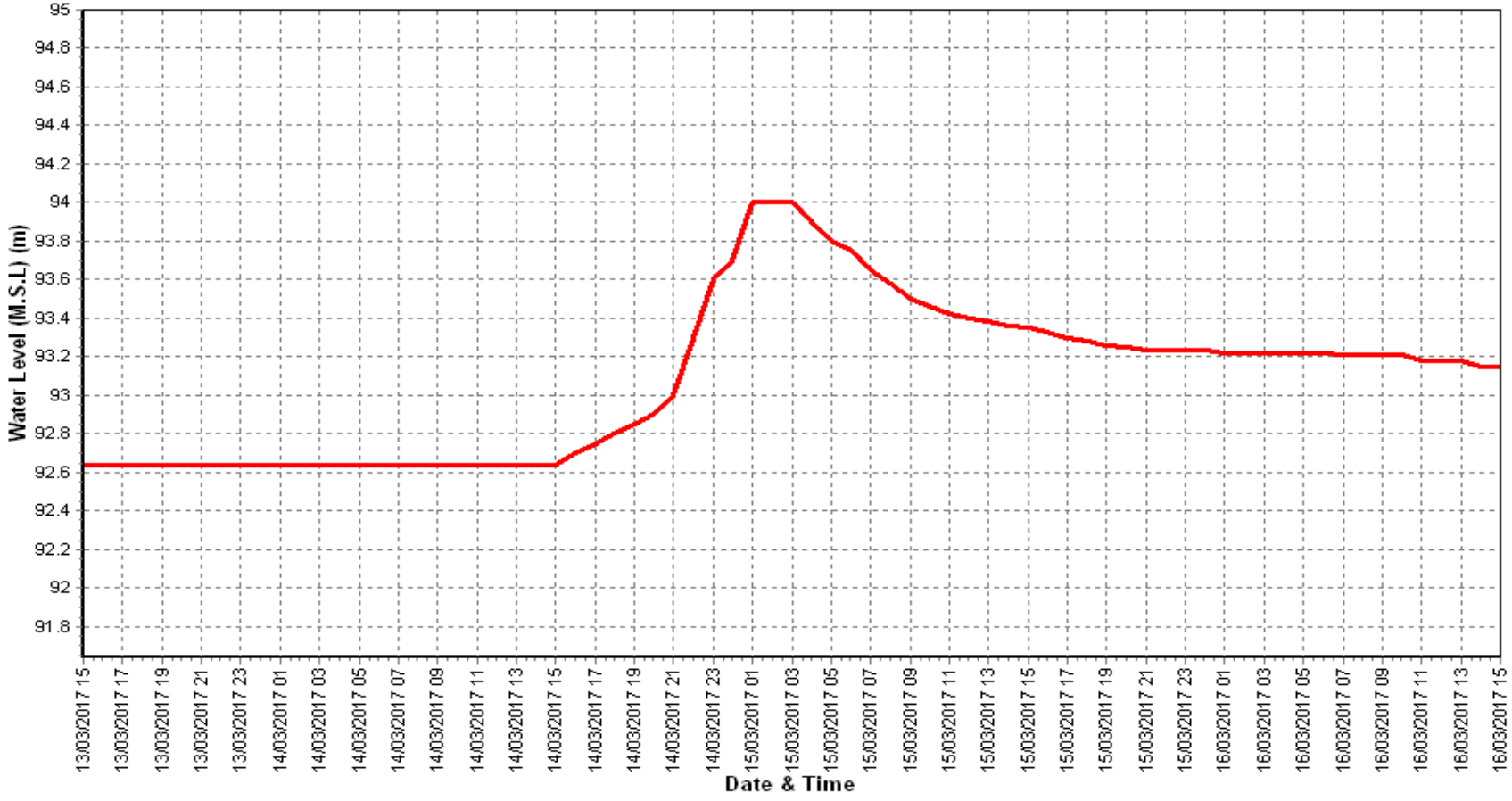


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

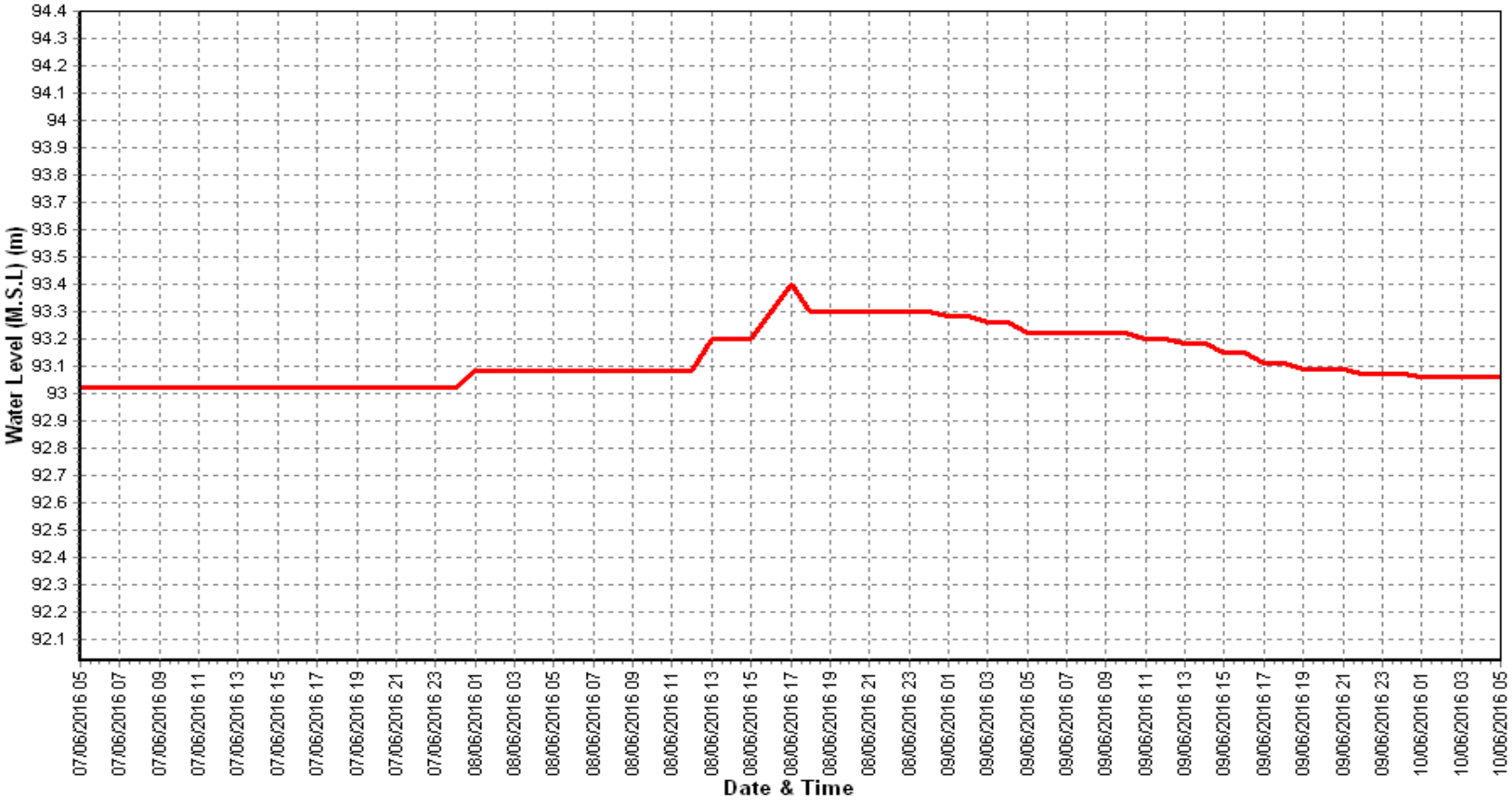


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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 : 2016-2017

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

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

Stage-Discharge Data for the period 2016 - 2017

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	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	304.100	87.33	305.840	0.000	305.490	0.000	305.550	0.000	305.510	0.000	306.070	0.000
2	303.110	3.101	305.370	0.000	305.060	0.000	305.320	0.000	305.160	0.000	305.570	0.000
3	304.100	87.33	305.140	0.000	305.330	0.000	305.650	0.000	305.930	0.000	305.940	0.000
4	303.110	3.101	305.140	0.000	305.430	0.000	305.180	0.000	305.300	0.000	305.230	0.000
5	303.100	2.911 *	306.200	0.000	305.660	0.000	305.180	0.000	305.130	0.000	305.200	0.000
6	302.900	0.207 #	305.260	0.000	305.700	0.000	305.150	0.000	305.370	0.000	305.600	0.000
7	304.260	0.000	306.560	0.000	305.180	0.000	305.210	0.000	305.100	0.000	305.770	0.000
8	305.460	0.000	305.320	0.000	306.400	0.000	305.280	0.000	305.460	0.000	305.210	0.000
9	305.270	0.000	305.260	0.000	305.160	0.000	305.800	0.000	305.250	0.000	305.350	0.000
10	305.280	0.000	305.280	0.000	305.180	0.000	304.760	0.000	305.170	0.000	305.370	0.000
11	305.280	0.000	306.680	0.000	305.670	0.000	303.650	0.000	305.180	0.000	305.420	0.000
12	305.190	0.000	305.720	0.000	305.740	0.000	304.840	0.000	305.120	0.000	305.840	0.000
13	305.320	0.000	305.260	0.000	305.380	0.000	305.320	0.000	305.220	0.000	305.350	0.000
14	305.260	0.000	305.620	0.000	305.200	0.000	305.500	0.000	305.150	0.000	305.480	0.000
15	305.440	0.000	305.450	0.000	306.700	0.000	305.160	0.000	305.330	0.000	305.420	0.000
16	305.510	0.000	305.650	0.000	305.540	0.000	303.100	2.976	305.340	0.000	305.130	0.000
17	305.050	0.000	305.230	0.000	305.460	0.000	303.900	67.09	305.080	0.000	305.340	0.000
18	305.250	0.000	305.210	0.000	305.260	0.000	303.120	3.400 *	305.280	0.000	305.590	0.000
19	305.200	0.000	305.460	0.000	305.360	0.000	304.050	102.7	305.240	0.000	305.170	0.000
20	305.200	0.000	305.280	0.000	306.650	0.000	303.670	0.000	305.250	0.000	305.460	0.000
21	305.270	0.000	305.320	0.000	305.500	0.000	305.100	0.000	305.260	0.000	305.950	0.000
22	305.450	0.000	305.430	0.000	305.760	0.000	305.150	0.000	305.300	0.000	305.360	0.000
23	305.470	0.000	305.860	0.000	305.120	0.000	305.370	0.000	305.200	0.000	305.220	0.000
24	306.100	0.000	305.520	0.000	304.850	0.000	305.640	0.000	305.200	0.000	305.270	0.000
25	305.300	0.000	304.050	102.4	305.060	0.000	305.600	0.000	305.300	0.000	305.620	0.000
26	305.370	0.000	305.380	0.000	305.420	0.000	305.500	0.000	305.330	0.000	305.900	0.000
27	305.330	0.000	305.340	0.000	305.500	0.000	305.380	0.000	305.380	0.000	305.390	0.000
28	305.360	0.000	305.330	0.000	305.120	0.000	305.720	0.000	305.540	0.000	305.620	0.000
29	306.460	0.000	305.420	0.000	305.190	0.000	305.380	0.000	305.450	0.000	305.870	0.000
30	306.270	0.000	305.360	0.000	305.420	0.000	305.670	0.000	305.420	0.000	305.490	0.000
31			305.260	0.000	305.790	0.000			305.720	0.000		
Ten-Daily Mean												
I Ten-Daily	304.069	18.40	305.537	0.000	305.459	0.000	305.308	0.000	305.338	0.000	305.531	0.000
II Ten-Daily	305.270	0.000	305.556	0.000	305.696	0.000	304.231	17.61	305.219	0.000	305.420	0.000
III Ten-Daily	305.638	0.000	305.297	9.309	305.339	0.000	305.451	0.000	305.373	0.000	305.569	0.000
Monthly												
Min.	302.900	0.000	304.050	0.000	304.850	0.000	303.100	0.000	305.080	0.000	305.130	0.000
Max.	306.460	87.33	306.680	102.4	306.700	0.000	305.800	102.7	305.930	0.000	306.070	0.000
Mean	304.992	6.133	305.458	3.303	305.493	0	304.997	5.871	305.312	0	305.507	0

Annual Runoff in MCM = 40 Annual Runoff in mm = 27

Peak Observed Discharge = 102.7 cumecs on 19/09/2016 Corres. Water Level :304.05 m

Lowest Observed Discharge = 0.000 cumecs on 07/06/2016 Corres. Water Level :304.26 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 2016 - 2017

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	305.780	0.000	305.420	0.000	305.320	0.000	305.455	0.000	305.470	0.000	304.790	0.000
2	305.140	0.000	305.650	0.000	305.420	0.000	305.830	0.000	305.330	0.000	304.910	0.000
3	305.560	0.000	305.600	0.000	305.930	0.000	306.640	0.000	305.510	0.000	305.120	0.000
4	305.430	0.000	305.280	0.000	305.560	0.000	306.230	0.000	305.400	0.000	306.420	0.000
5	305.500	0.000	305.930	0.000	305.310	0.000	305.610	0.000	305.840	0.000	305.850	0.000
6	305.330	0.000	305.850	0.000	305.460	0.000	305.455	0.000	306.250	0.000	305.930	0.000
7	305.800	0.000	306.000	0.000	305.800	0.000	305.780	0.000	305.700	0.000	305.840	0.000
8	305.350	0.000	305.290	0.000	306.000	0.000	306.100	0.000	305.370	0.000	305.620	0.000
9	305.020	0.000	305.280	0.000	305.280	0.000	305.540	0.000	305.190	0.000	306.000	0.000
10	305.490	0.000	305.520	0.000	305.600	0.000	305.650	0.000	305.040	0.000	305.400	0.000
11	305.460	0.000	305.900	0.000	305.850	0.000	305.770	0.000	305.600	0.000	305.320	0.000
12	305.320	0.000	305.260	0.000	304.910	0.000	305.910	0.000	305.390	0.000	305.210	0.000
13	305.270	0.000	305.550	0.000	305.360	0.000	306.060	0.000	305.120	0.000	305.320	0.000
14	305.310	0.000	305.460	0.000	305.660	0.000	306.160	0.000	305.800	0.000	305.270	0.000
15	305.320	0.000	305.540	0.000	305.920	0.000	305.340	0.000	305.650	0.000	305.070	0.000
16	305.230	0.000	305.550	0.000	306.030	0.000	305.970	0.000	305.500	0.000	304.950	0.000
17	305.800	0.000	305.000	0.000	305.210	0.000	305.100	0.000	305.450	0.000	305.040	0.000
18	305.290	0.000	305.100	0.000	305.520	0.000	305.730	0.000	305.300	0.000	305.020	0.000
19	305.780	0.000	305.130	0.000	305.700	0.000	305.520	0.000	305.200	0.000	305.010	0.000
20	305.230	0.000	305.300	0.000	306.020	0.000	305.310	0.000	305.100	0.000	305.020	0.000
21	305.320	0.000	305.520	0.000	305.930	0.000	306.280	0.000	304.900	0.000	305.260	0.000
22	305.730	0.000	305.890	0.000	304.855	0.000	305.600	0.000	305.200	0.000	305.310	0.000
23	306.000	0.000	306.130	0.000	305.550	0.000	305.450	0.000	305.150	0.000	305.550	0.000
24	305.310	0.000	305.260	0.000	306.160	0.000	305.140	0.000	305.070	0.000	306.050	0.000
25	305.180	0.000	305.550	0.000	305.070	0.000	306.235	0.000	305.830	0.000	305.920	0.000
26	306.130	0.000	305.720	0.000	304.890	0.000	305.300	0.000	305.600	0.000	305.770	0.000
27	306.000	0.000	306.060	0.000	304.680	0.000	304.760	0.000	305.520	0.000	306.140	0.000
28	305.280	0.000	305.580	0.000	304.670	0.000	304.660	0.000	305.350	0.000	306.000	0.000
29	305.720	0.000	305.300	0.000			305.070	0.000	305.210	0.000	305.850	0.000
30	305.520	0.000	305.460	0.000			306.050	0.000	305.160	0.000	306.250	0.000
31	306.090	0.000	305.520	0.000			306.150	0.000			306.080	0.000
Ten-Daily Mean												
I Ten-Daily	305.440	0.000	305.582	0.000	305.568	0.000	305.829	0.000	305.510	0.000	305.588	0.000
II Ten-Daily	305.401	0.000	305.379	0.000	305.618	0.000	305.687	0.000	305.411	0.000	305.123	0.000
III Ten-Daily	305.662	0.000	305.635	0.000	305.226	0.000	305.518	0.000	305.299	0.000	305.835	0.000
Monthly												
Min.	305.020	0.000	305.000	0.000	304.670	0.000	304.660	0.000	304.900	0.000	304.790	0.000
Max.	306.130	0.000	306.130	0.000	306.160	0.000	306.640	0.000	306.250	0.000	306.420	0.000
Mean	305.506	0	305.535	0	305.488	0	305.673	0	305.407	0	305.525	0

Peak Computed Discharge = 3.400 cumecs on 18/09/2016 **Corres. Water Level :303.12 m**

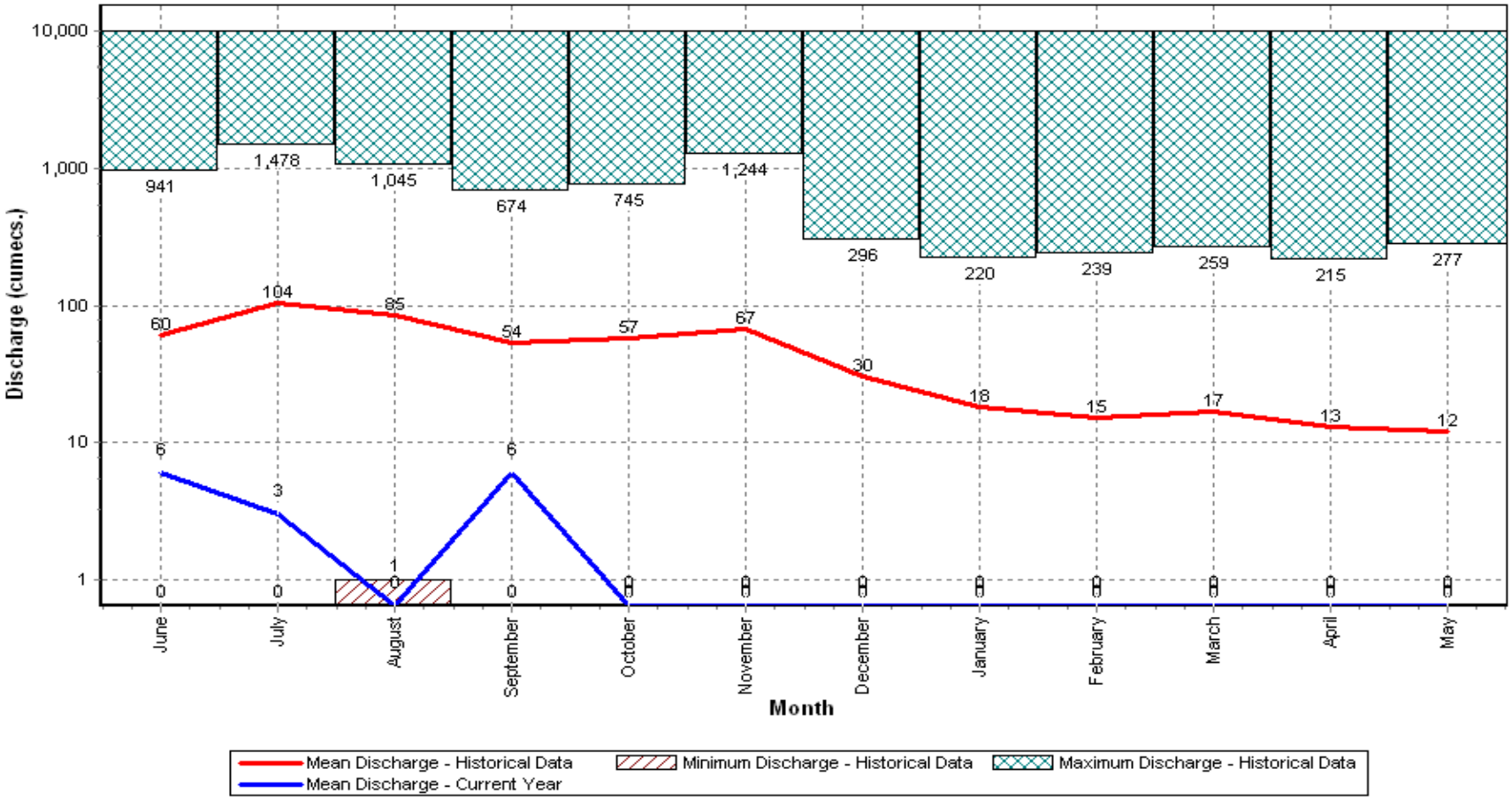
Lowest Computed Discharge = 2.911 cumecs on 05/06/2016 **Corres. Water Level :303.1 m**

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 : 2016-2017

Station Name : NELLITHURAI (CCG00Q8) **Data considered : 1979-2017** **Division : SR Division, Coimbatore**

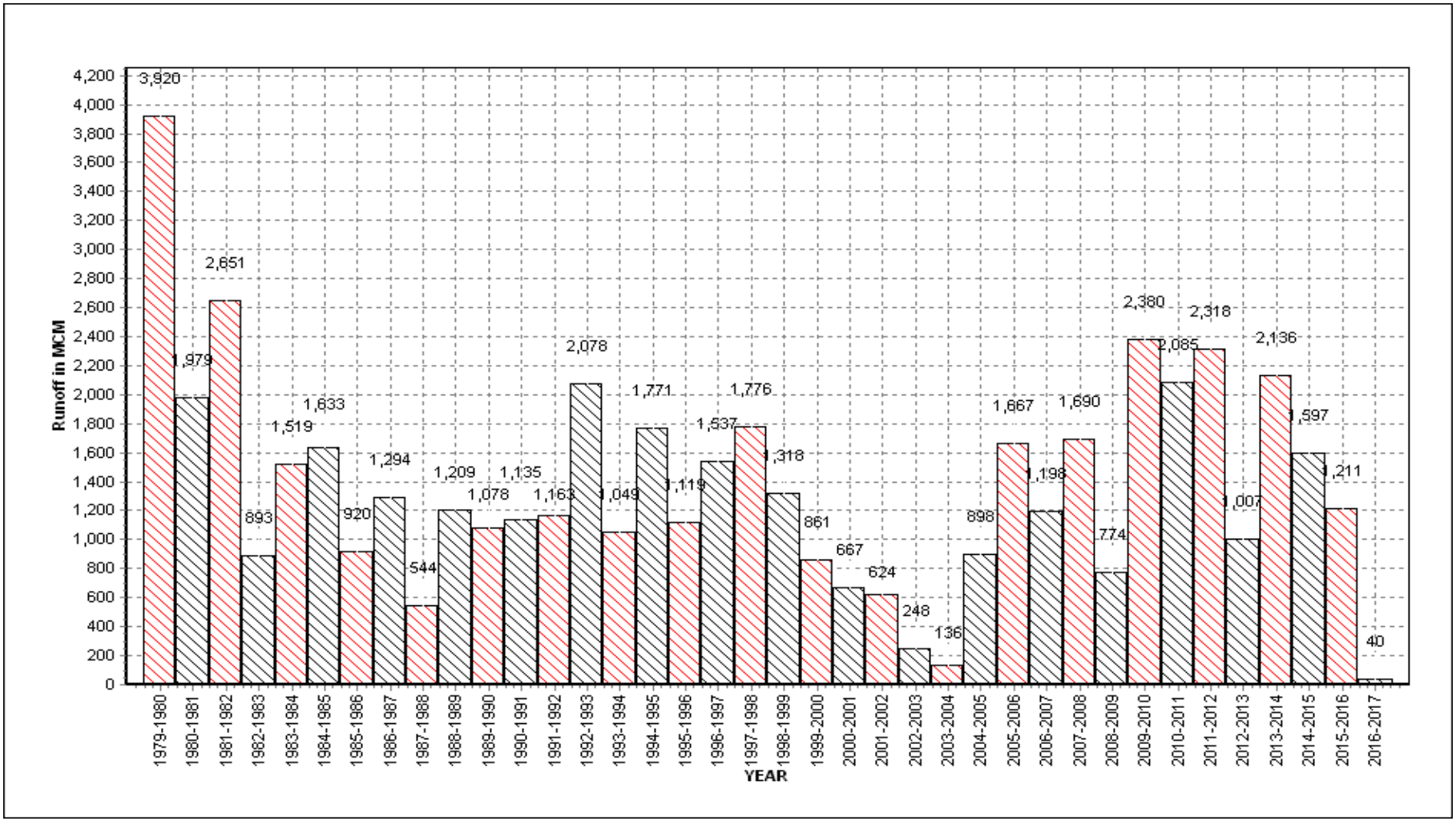
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2017

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

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

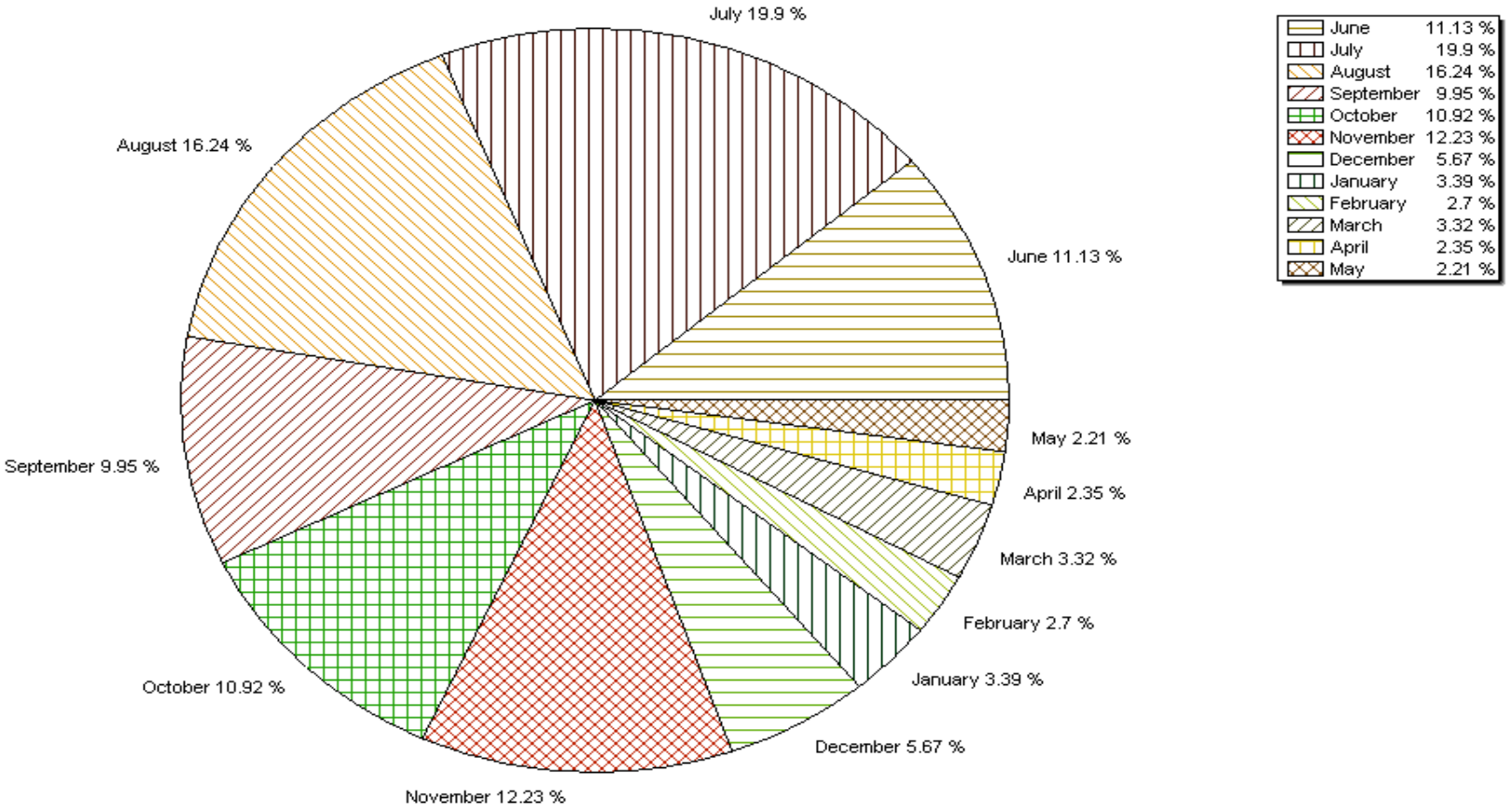


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1979-2016

Station Name : NELLITHURAI (CCG00Q8)
Local River : Bhavani

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



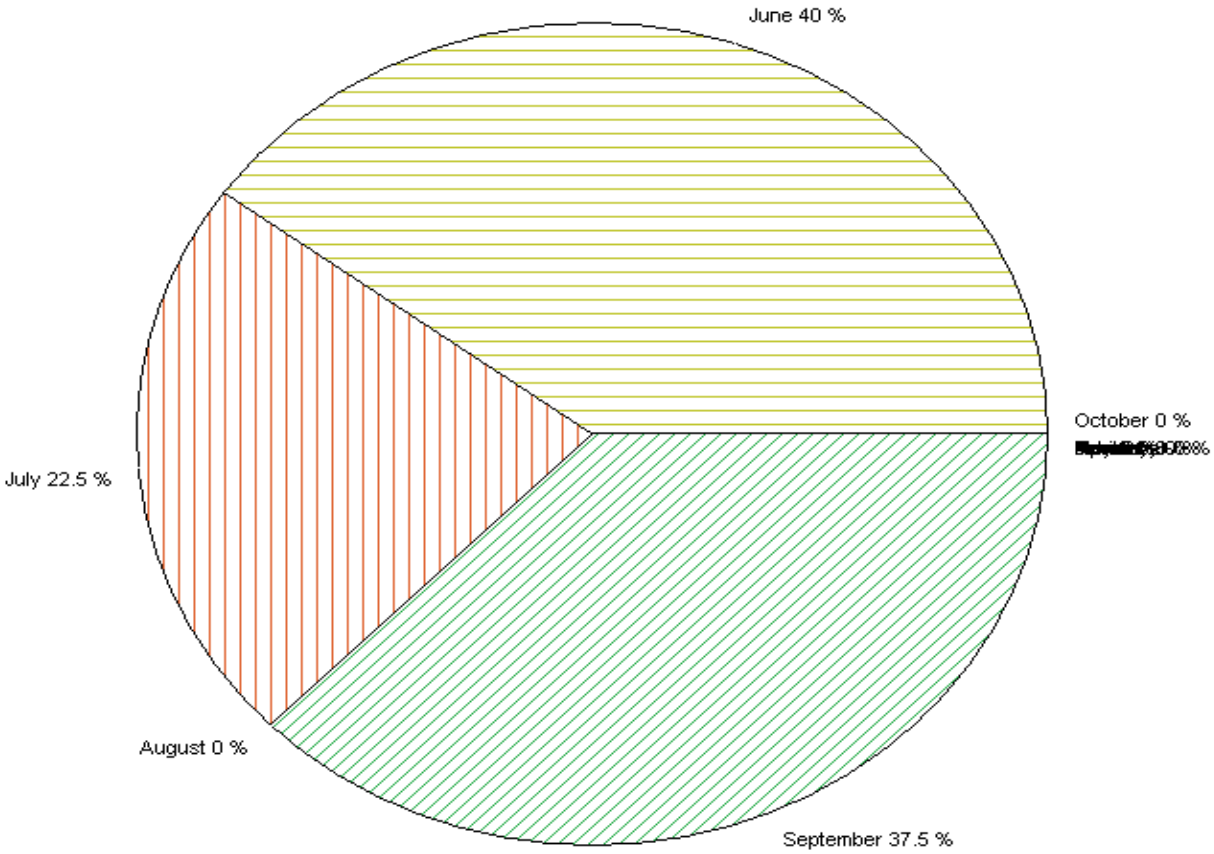
Monthly Runoff for the Year : 2016-2017

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

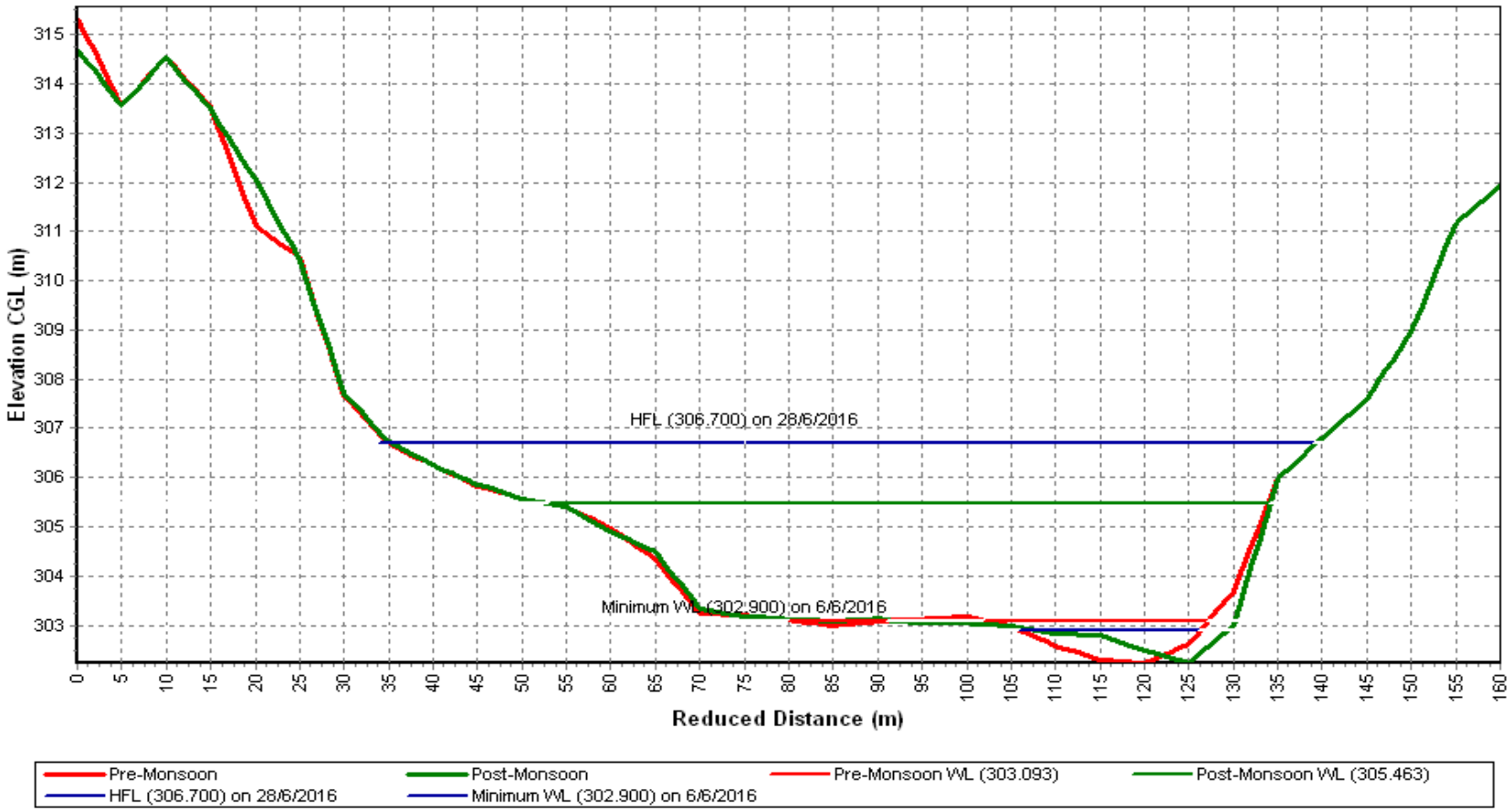


June	40 %
July	22.5 %
August	0 %
September	37.5 %
October	0 %
November	0 %
December	0 %
January	0 %
February	0 %
March	0 %
April	0 %
May	0 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

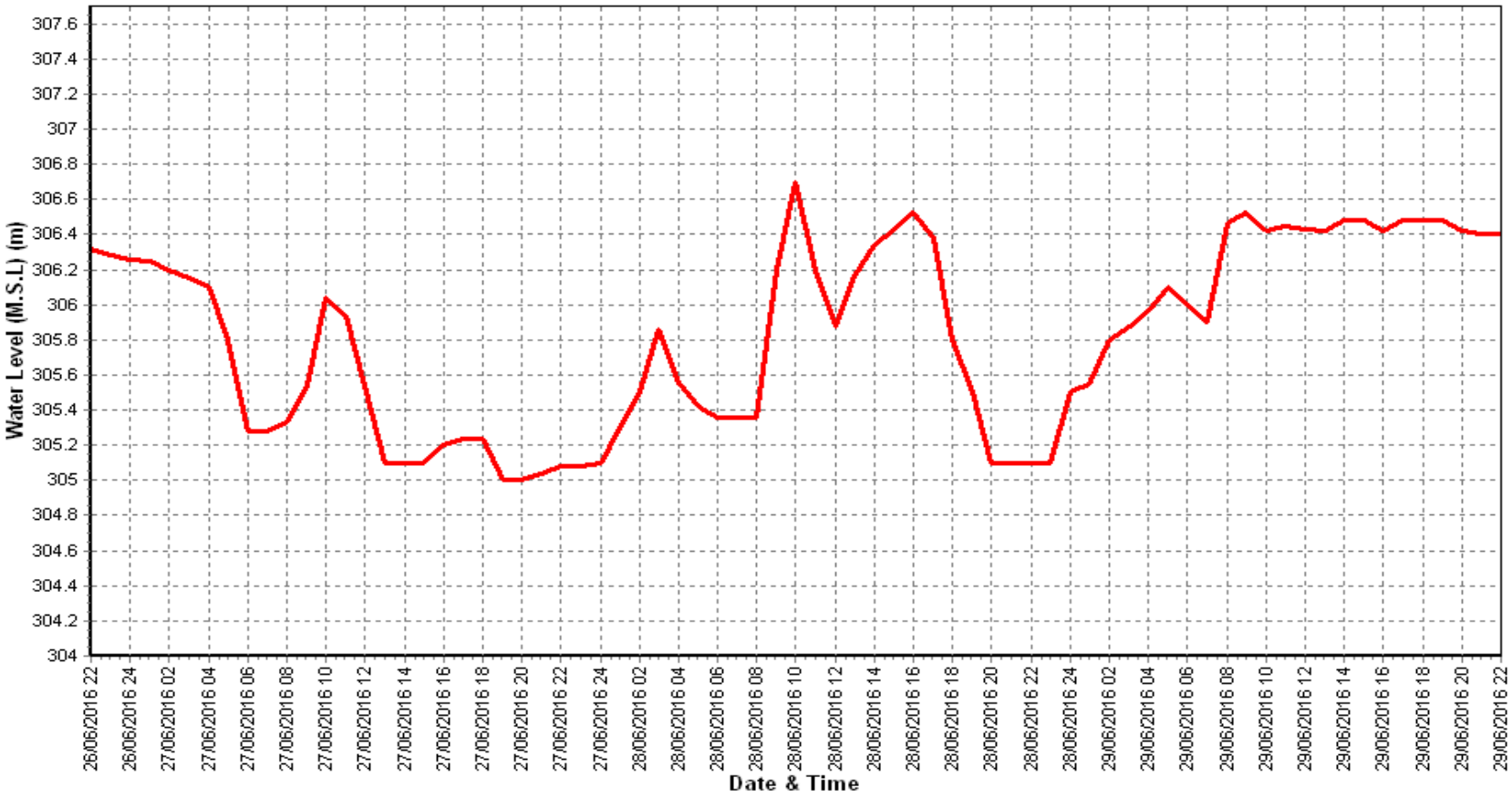
Local River : Bhavani **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

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

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

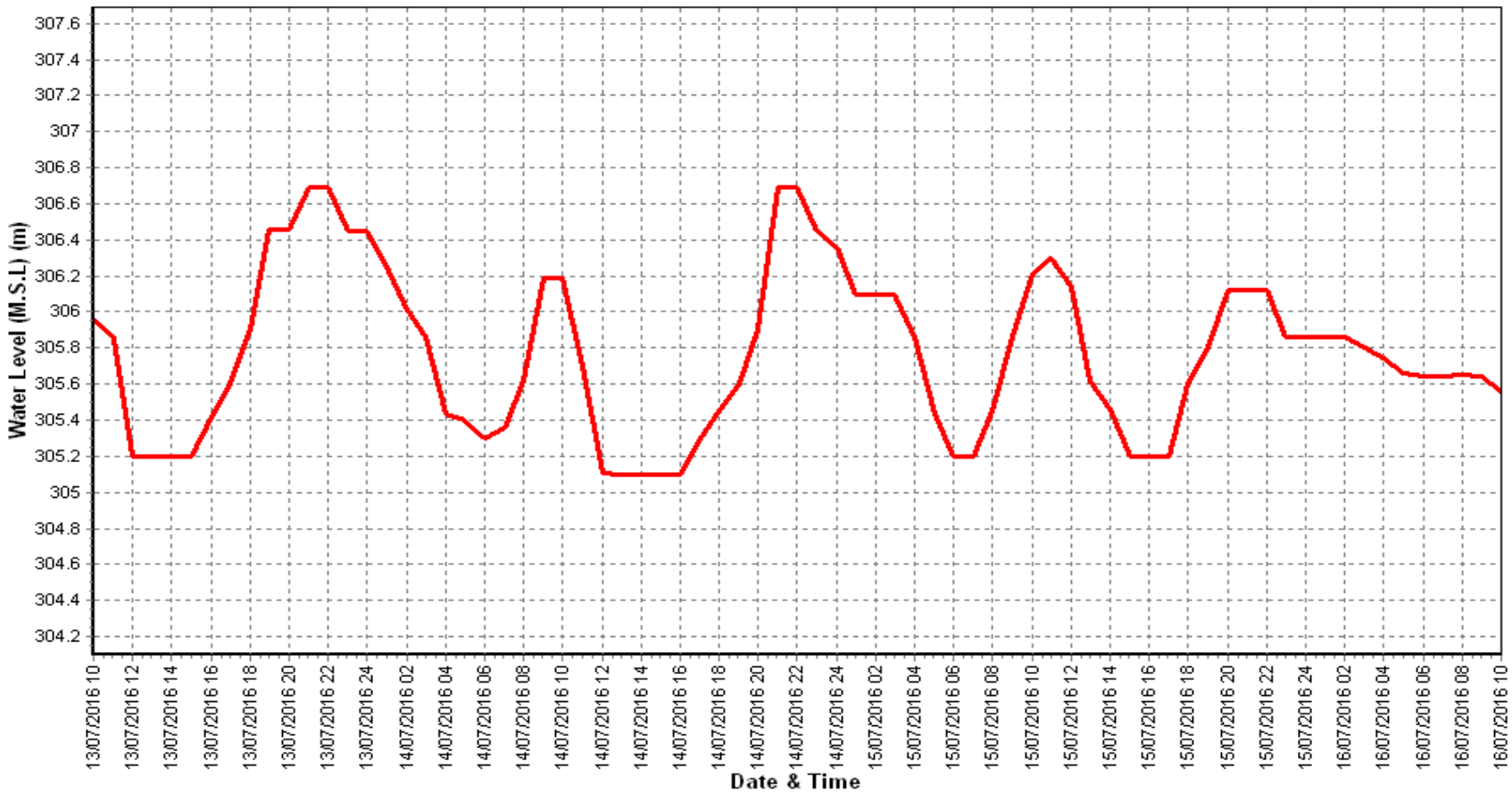


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

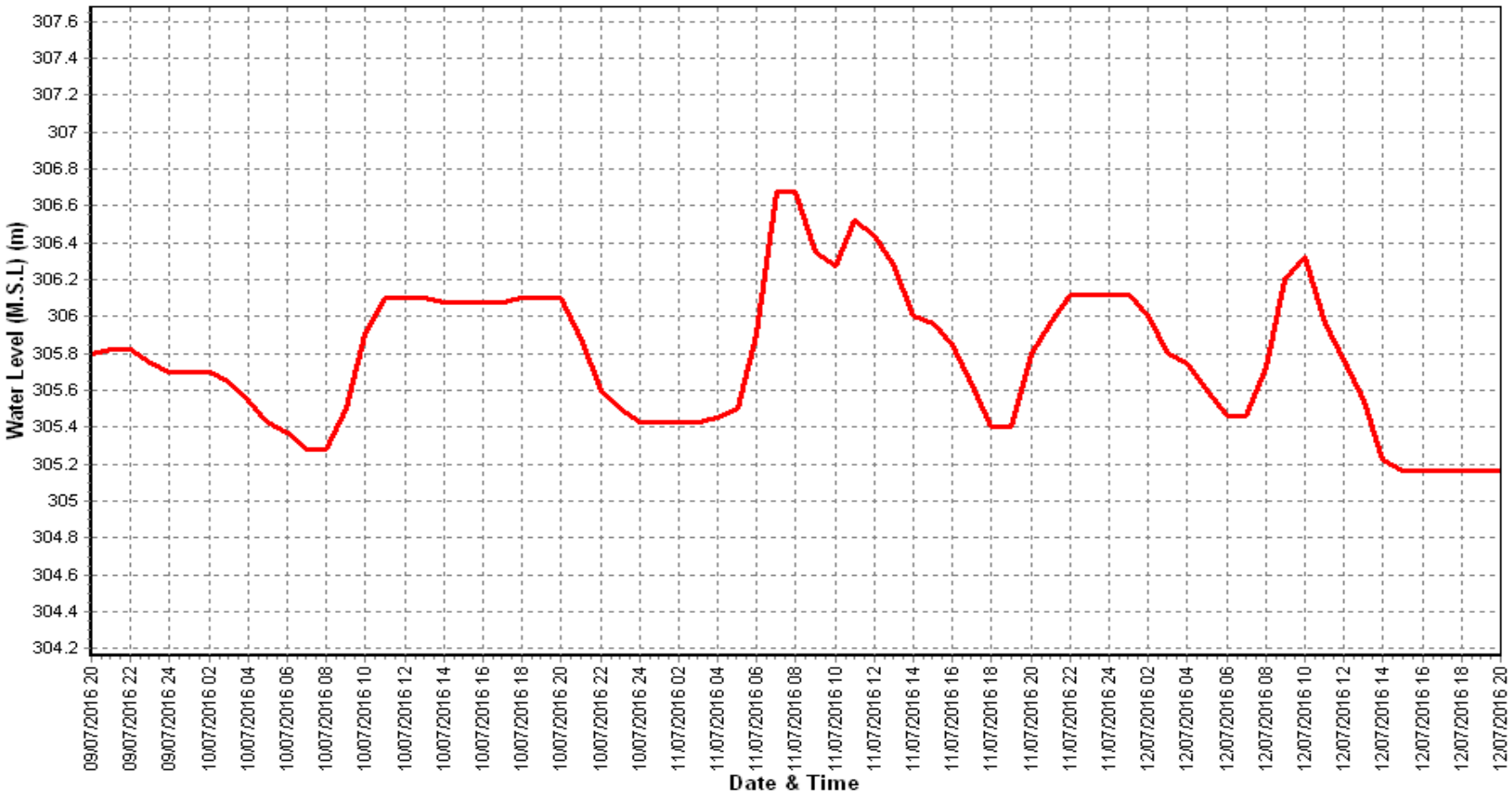


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	158.560	41.85	158.120	0.000	159.000	94.95	158.545	40.71	159.930	320.8	158.940	88.88
2	158.490	0.000	158.100	0.000	158.800	65.86	158.610	54.02	159.900	311.8 *	159.040	105.3
3	158.430	0.000	158.160	0.000	158.180	0.000	158.150	13.25 #	159.905	312.2	158.960	89.67
4	158.440	0.000	158.480	0.000	158.160	0.000	158.200	15.98 *	159.960	332.1	158.890	83.45
5	158.440	0.000	158.320	0.000	158.200	0.000	158.150	13.25 *	159.970	329.8	158.800	73.27
6	158.470	0.000	158.620	53.00	158.150	0.000	158.605	53.49	159.980	332.7	158.940	93.14 *
7	158.450	0.000	158.620	0.000	158.170	0.000	158.680	59.47	159.970	325.9	158.925	89.56
8	158.380	0.000	158.480	0.000	158.080	0.000	158.695	59.90	160.075	347.9	158.860	80.76
9	158.400	0.000	158.470	0.000	158.080	0.000	158.550	41.71	159.990	339.9 *	158.980	93.71
10	158.390	0.000	158.520	0.000	158.070	0.000	158.670	58.80	160.040	350.7	158.860	79.84
11	158.390	0.000	158.470	0.000	158.180	0.000	158.260	19.63 *	159.980	336.7 *	158.840	74.98
12	158.320	0.000	158.490	0.000	158.510	0.000	158.635	57.72	160.040	356.0 *	158.100	0.000
13	158.160	0.000	158.700	62.41	158.100	0.000	158.240	18.37 *	160.090	360.2	158.160	0.000
14	158.090	0.000	158.680	60.85	158.040	0.000	158.740	63.59	160.510	563.5	158.130	0.000
15	158.380	0.000	158.650	58.28	158.000	0.000	158.710	61.89	160.370	470.4	158.100	0.000
16	158.540	39.56	158.730	64.53	158.595	52.35	158.640	58.13	160.410	489.3 *	158.010	0.000
17	158.330	0.000	158.800	72.90 *	158.040	0.000	158.675	62.42	159.950	315.6	158.090	0.000
18	158.360	0.000	158.800	70.34	157.980	0.000	158.060	0.000	159.935	315.4	158.070	0.000
19	158.430	0.000	158.815	71.45	157.980	0.000	158.680	63.70	159.910	312.8	158.090	0.000
20	158.410	0.000	158.730	62.76	157.970	0.000	158.100	0.000	159.910	312.5	158.100	0.000
21	158.450	0.000	158.800	63.75	157.980	0.000	160.080	351.5	159.870	298.2	158.120	0.000
22	158.430	0.000	158.800	64.84	157.980	0.000	160.070	359.5	159.930	315.6	158.140	0.000
23	158.430	0.000	158.810	64.14	157.960	0.000	160.075	358.4	159.900	311.8	158.140	0.000
24	158.400	0.000	158.780	70.23 *	158.110	0.000	159.940	327.3	159.860	296.8	158.120	0.000
25	158.410	0.000	158.990	99.25	158.040	0.000	159.900	311.8 *	159.875	299.5	158.120	0.000
26	158.300	0.000	159.450	219.7	158.020	0.000	160.050	349.0	159.800	358.1	158.535	39.26
27	158.280	0.000	159.310	173.3	158.925	95.94	159.945	325.9	159.850	307.1	158.100	0.000
28	158.290	0.000	159.350	191.8	158.160	0.000	159.900	314.8	159.840	304.3	158.120	0.000
29	158.610	51.76	159.350	191.8	158.930	88.33	159.940	324.1	159.120	123.3 *	158.100	0.000
30	158.100	0.000	158.990	93.50	158.730	62.72	159.965	331.6	159.100	119.7 *	158.120	0.000
31			159.060	112.7 *	158.590	51.93			159.120	113.7		
Ten-Daily Mean												
I Ten-Daily	158.445	4.185	158.389	5.300	158.289	16.08	158.486	41.06	159.972	330.4	158.919	87.75
II Ten-Daily	158.341	3.956	158.686	52.35	158.139	5.235	158.474	40.55	160.111	383.2	158.169	7.498
III Ten-Daily	158.370	5.176	159.063	122.3	158.311	27.17	159.987	335.4	159.660	258.9	158.161	3.926
Monthly												
Min.	158.090	0.000	158.100	0.000	157.960	0.000	158.060	0.000	159.100	113.7	158.010	0.000
Max.	158.610	51.76	159.450	219.7	159.000	95.94	160.080	359.5	160.510	563.5	159.040	105.3
Mean	158.385	4.439	158.724	61.98	158.249	16.52	158.982	139	159.906	322.1	158.417	33.06

Annual Runoff in MCM = 1530 Annual Runoff in mm = 35

Peak Observed Discharge = 563.5 cumecs on 14/10/2016 Corres. Water Level :160.51 m

Lowest Observed Discharge = 0.000 cumecs on 02/06/2016 Corres. Water Level :158.49 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 2016 - 2017

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	158.130	0.000	158.350	0.000	157.900	0.000	157.870	0.000	157.830	0.000	157.860	0.000
2	158.120	0.000	158.160	0.000	157.900	0.000	157.870	0.000	157.830	0.000	157.880	0.000
3	158.140	0.000	158.130	0.000	157.890	0.000	157.870	0.000	157.830	0.000	157.880	0.000
4	158.100	0.000	158.110	0.000	157.900	0.000	157.900	0.000	157.830	0.000	157.870	0.000
5	158.080	0.000	158.100	0.000	157.900	0.000	157.900	0.000	157.730	0.000	157.860	0.000
6	158.100	0.000	158.250	0.000	157.890	0.000	157.910	0.000	157.720	0.000	157.850	0.000
7	158.090	0.000	158.140	0.000	157.890	0.000	157.910	0.000	158.070	0.000	157.850	0.000
8	158.080	0.000	158.130	0.000	157.890	0.000	157.910	0.000	158.080	0.000	157.840	0.000
9	158.100	0.000	158.140	0.000	157.890	0.000	157.900	0.000	158.040	0.000	157.840	0.000
10	158.110	0.000	158.100	0.000	157.900	0.000	157.920	0.000	158.030	0.000	157.840	0.000
11	158.100	0.000	158.120	0.000	157.890	0.000	157.910	0.000	158.020	0.000	157.840	0.000
12	158.110	0.000	158.100	0.000	157.890	0.000	157.900	0.000	158.000	0.000	157.830	0.000
13	158.140	0.000	158.080	0.000	157.890	0.000	157.890	0.000	157.940	0.000	157.830	0.000
14	158.120	0.000	157.910	0.000	157.890	0.000	157.890	0.000	157.920	0.000	157.830	0.000
15	158.100	0.000	157.900	0.000	157.900	0.000	157.900	0.000	157.910	0.000	157.820	0.000
16	158.120	0.000	158.180	0.000	157.900	0.000	157.900	0.000	157.890	0.000	157.820	0.000
17	158.100	0.000	157.890	0.000	157.890	0.000	157.890	0.000	157.890	0.000	157.810	0.000
18	158.110	0.000	157.900	0.000	157.890	0.000	157.870	0.000	157.880	0.000	157.830	0.000
19	158.120	0.000	157.880	0.000	157.890	0.000	157.890	0.000	157.880	0.000	157.850	0.000
20	158.120	0.000	157.880	0.000	157.890	0.000	157.870	0.000	157.860	0.000	157.850	0.000
21	158.110	0.000	157.880	0.000	157.900	0.000	157.870	0.000	157.870	0.000	157.840	0.000
22	158.120	0.000	157.890	0.000	157.900	0.000	157.850	0.000	157.860	0.000	157.840	0.000
23	158.250	0.000	157.900	0.000	157.890	0.000	157.840	0.000	158.060	0.000	157.860	0.000
24	158.080	0.000	157.890	0.000	157.890	0.000	157.840	0.000	158.030	0.000	157.860	0.000
25	158.060	0.000	157.910	0.000	157.890	0.000	157.840	0.000	158.020	0.000	157.860	0.000
26	158.060	0.000	157.910	0.000	157.880	0.000	157.830	0.000	158.000	0.000	157.860	0.000
27	158.050	0.000	158.310	0.000	157.880	0.000	157.830	0.000	157.890	0.000	157.860	0.000
28	158.020	0.000	157.950	0.000	157.880	0.000	157.830	0.000	157.860	0.000	157.860	0.000
29	157.940	0.000	157.920	0.000			157.830	0.000	157.860	0.000	157.850	0.000
30	158.050	0.000	157.900	0.000			157.830	0.000	157.860	0.000	157.840	0.000
31	158.140	0.000	157.910	0.000			157.830	0.000			157.850	0.000
Ten-Daily Mean												
I Ten-Daily	158.105	0.000	158.161	0.000	157.895	0.000	157.896	0.000	157.899	0.000	157.857	0.000
II Ten-Daily	158.114	0.000	157.984	0.000	157.892	0.000	157.891	0.000	157.919	0.000	157.831	0.000
III Ten-Daily	158.080	0.000	157.943	0.000	157.889	0.000	157.838	0.000	157.931	0.000	157.853	0.000
Monthly												
Min.	157.940	0.000	157.880	0.000	157.880	0.000	157.830	0.000	157.720	0.000	157.810	0.000
Max.	158.250	0.000	158.350	0.000	157.900	0.000	157.920	0.000	158.080	0.000	157.880	0.000
Mean	158.099	0	158.026	0	157.892	0	157.874	0	157.916	0	157.847	0

Peak Computed Discharge = 489.3 cumecs on 16/10/2016 **Corres. Water Level :160.41 m**

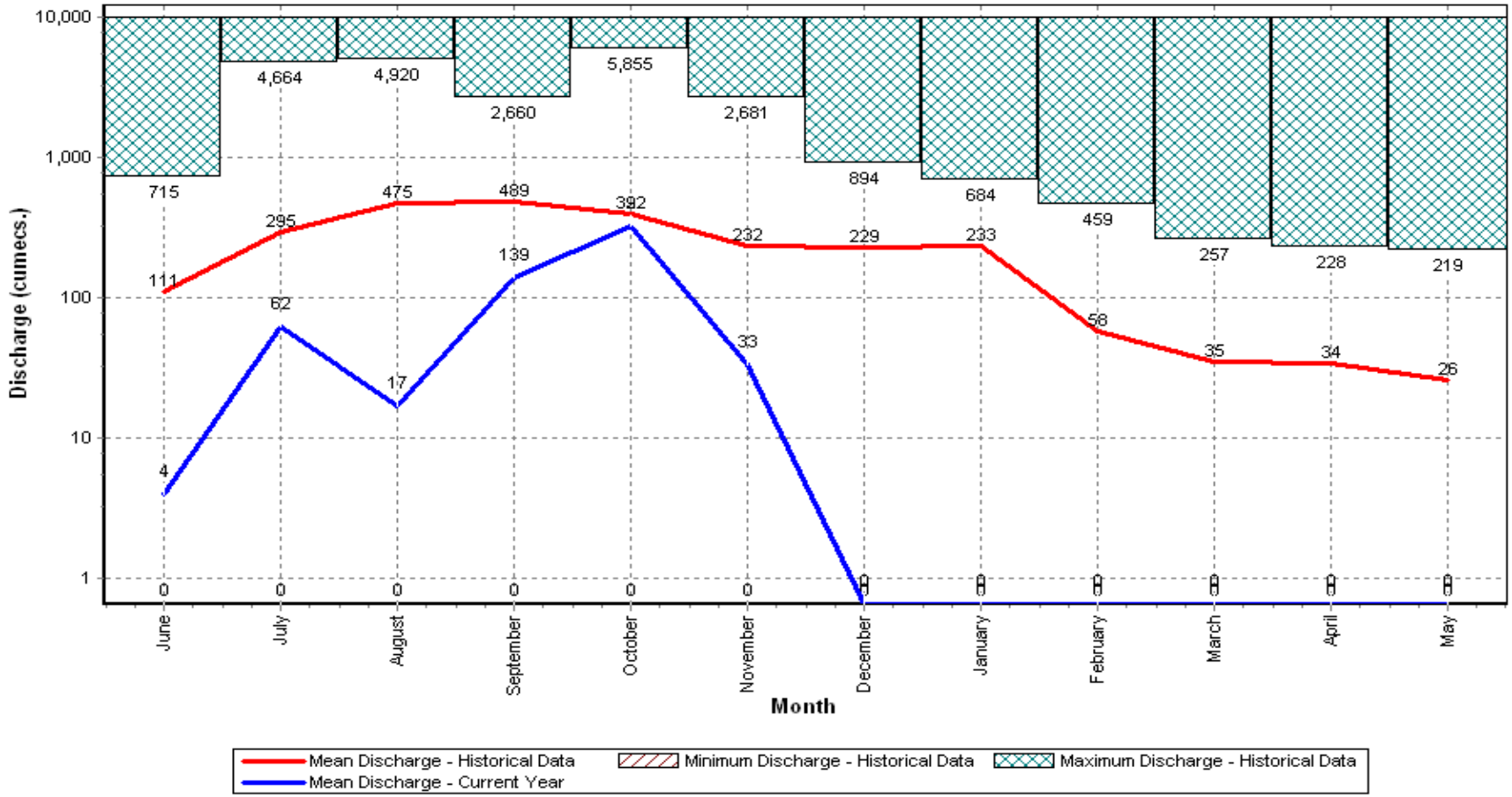
Lowest Computed Discharge = 13.25 cumecs on 05/09/2016 **Corres. Water Level :158.15 m**

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 : 2016-2017

Station Name : URACHIKOTTAI (CC000K5) **Data considered : 1979-2017** **Division : SR Division, Coimbatore**

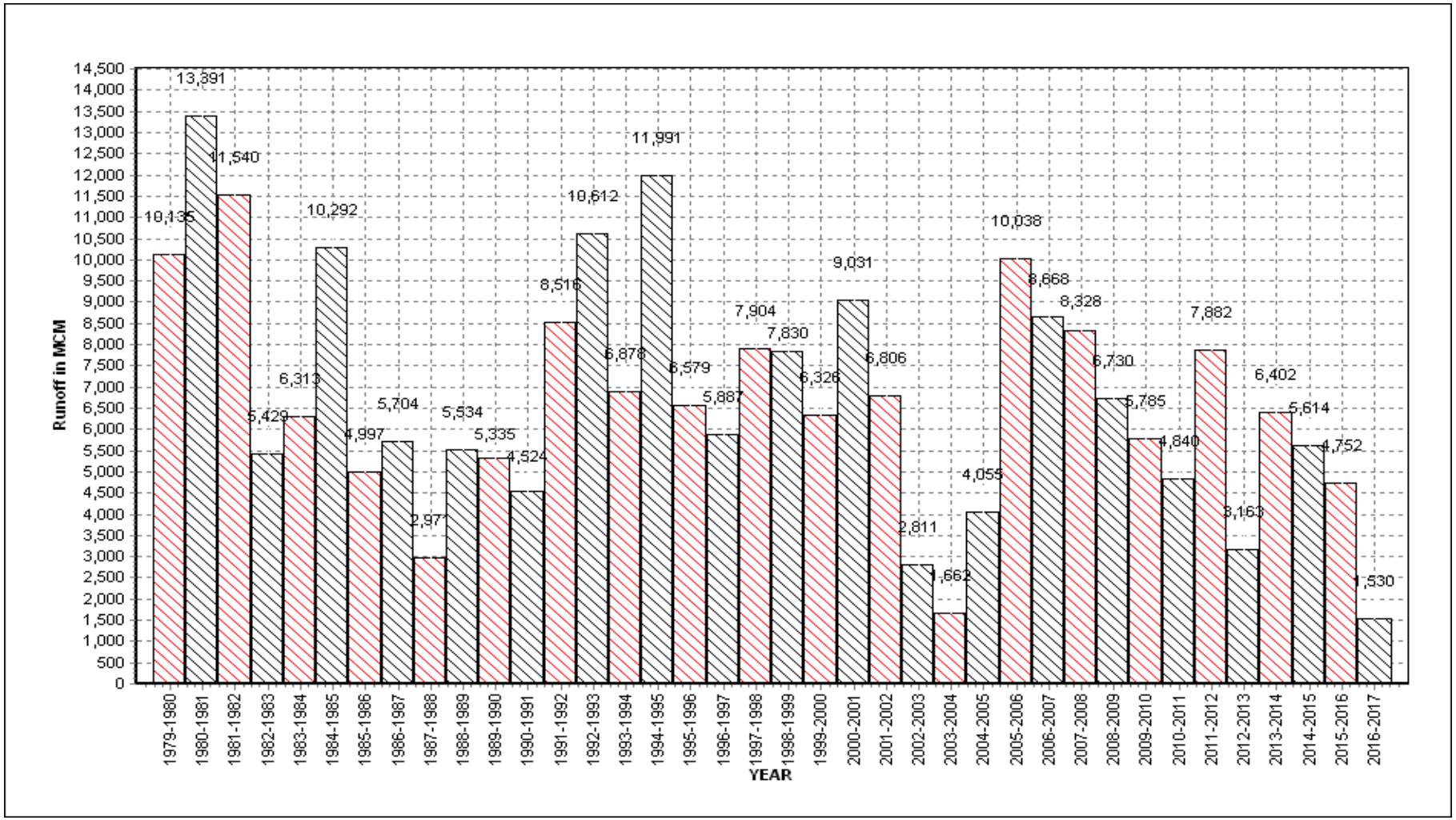
Local River : Cauvery **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2017

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

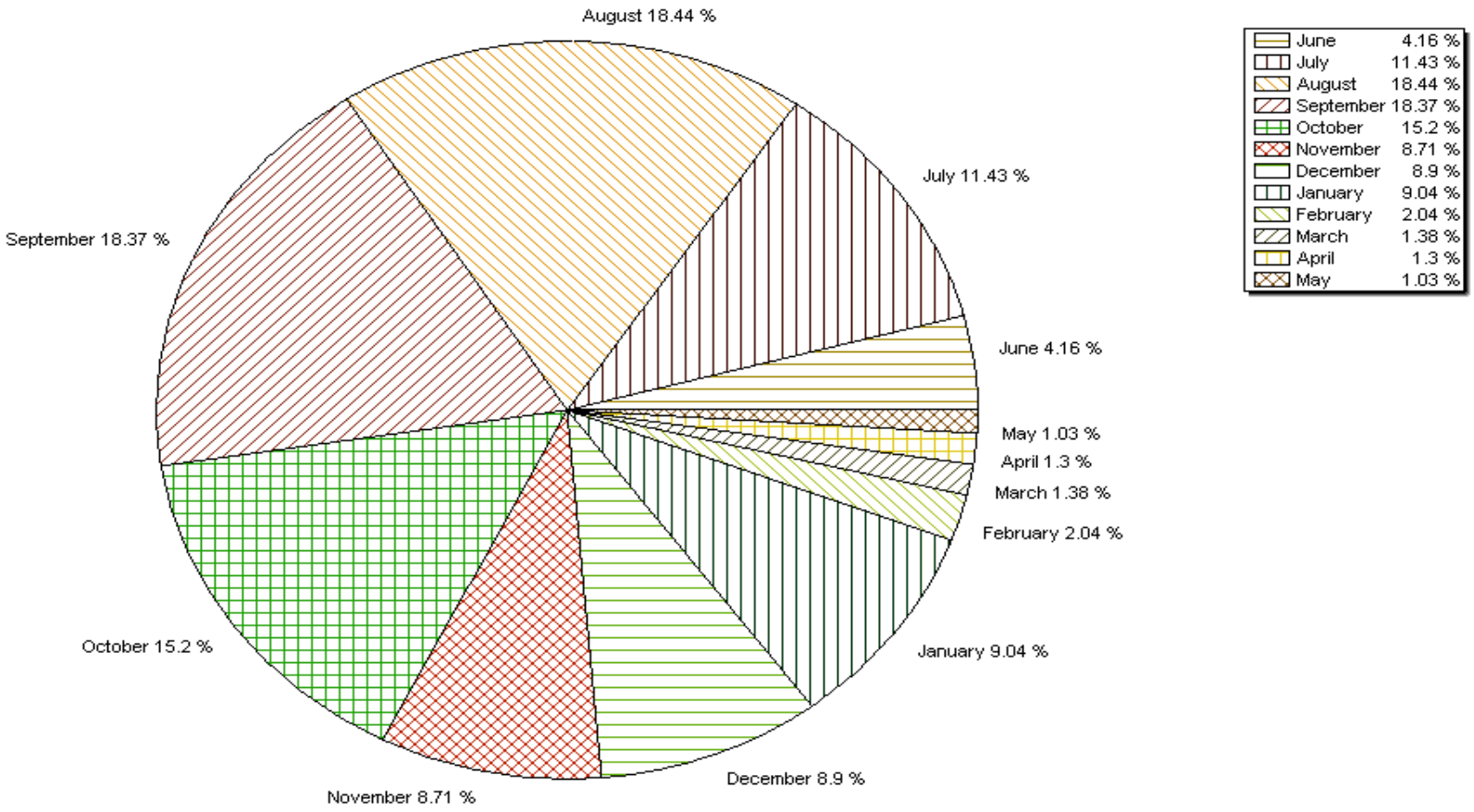
Monthly Average Runoff based on period : 1979-2016

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

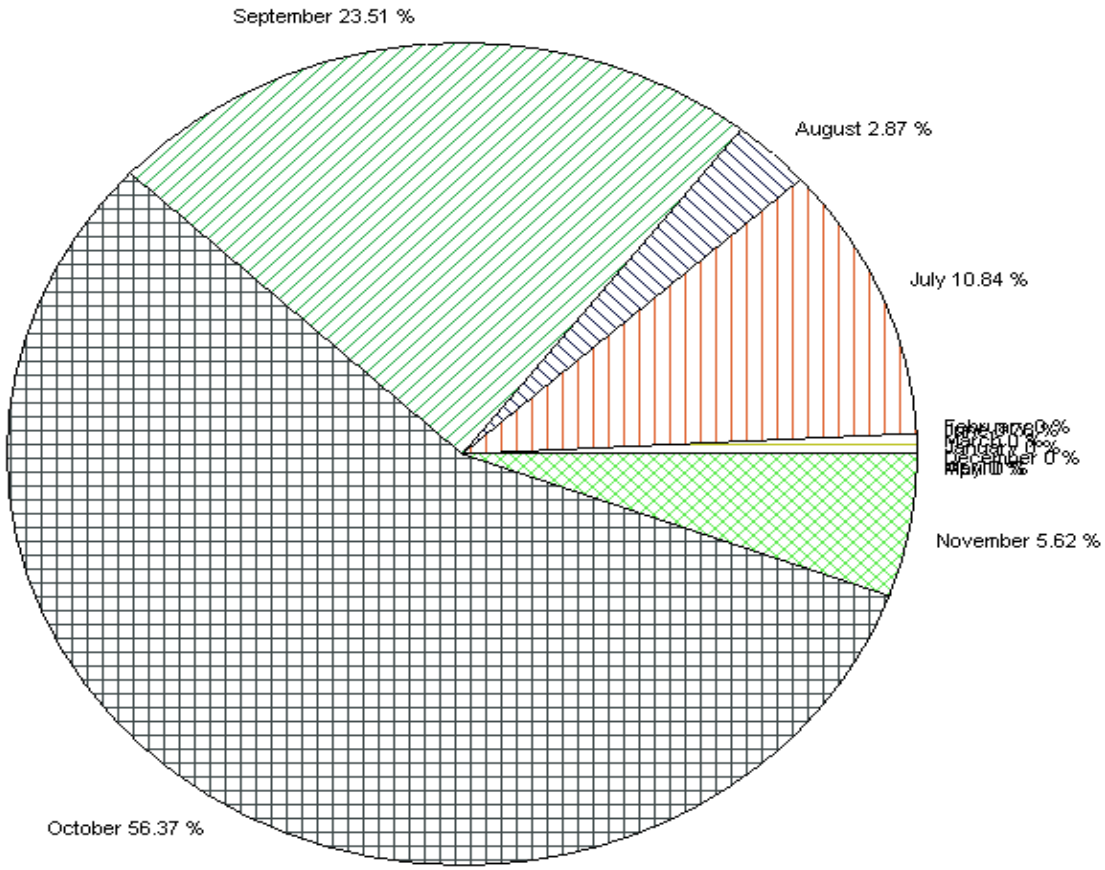
Sub-Division : Middle Cauvery SD, Coimbatore



Monthly Runoff for the Year : 2016-2017

Station Name : URACHIKOTTAI (CC000K5)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore

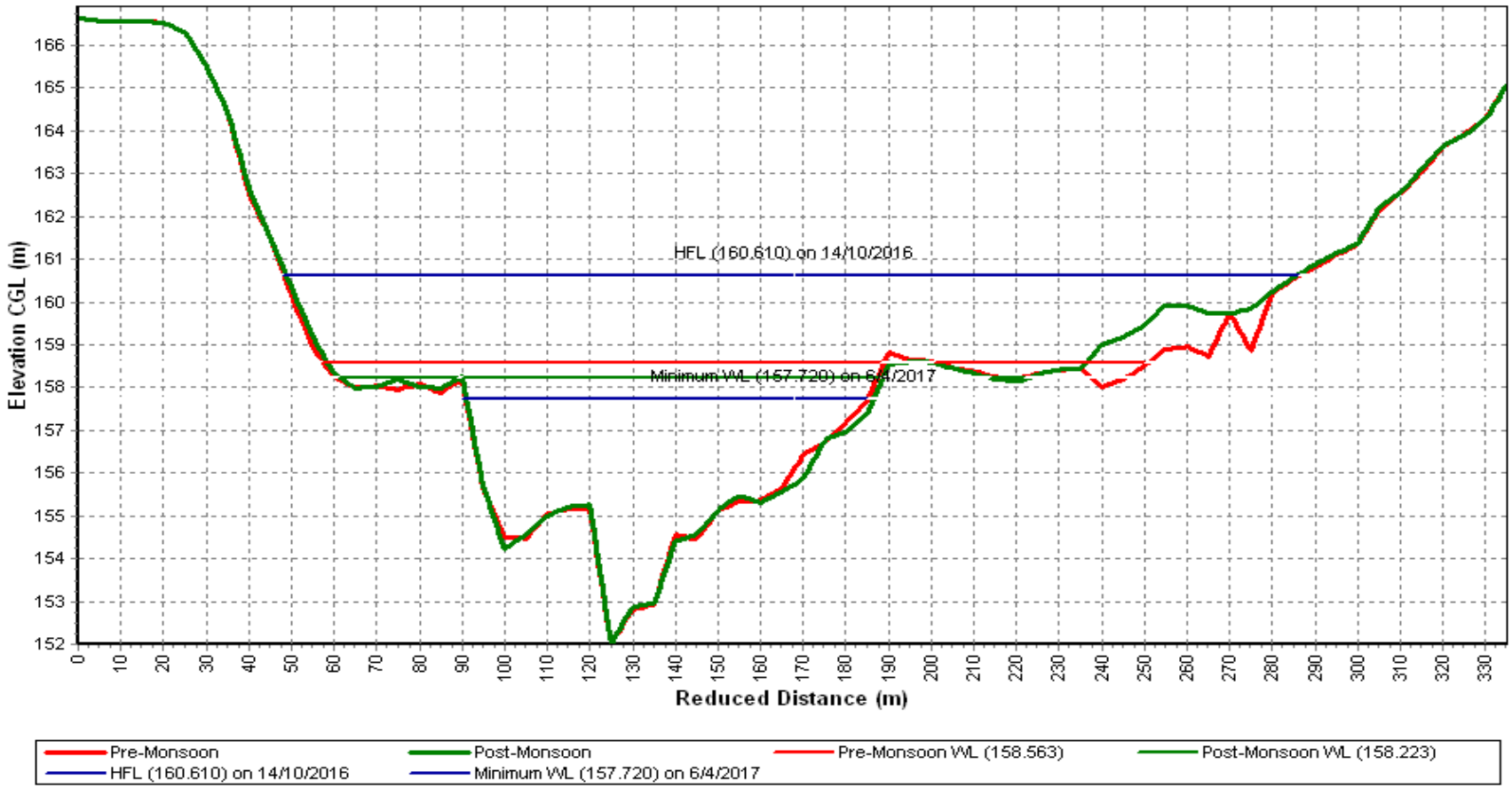


June	0.78 %
July	10.84 %
August	2.87 %
September	23.51 %
October	56.37 %
November	5.62 %
December	0 %
January	0 %
February	0 %
March	0 %
April	0 %
May	0 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

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



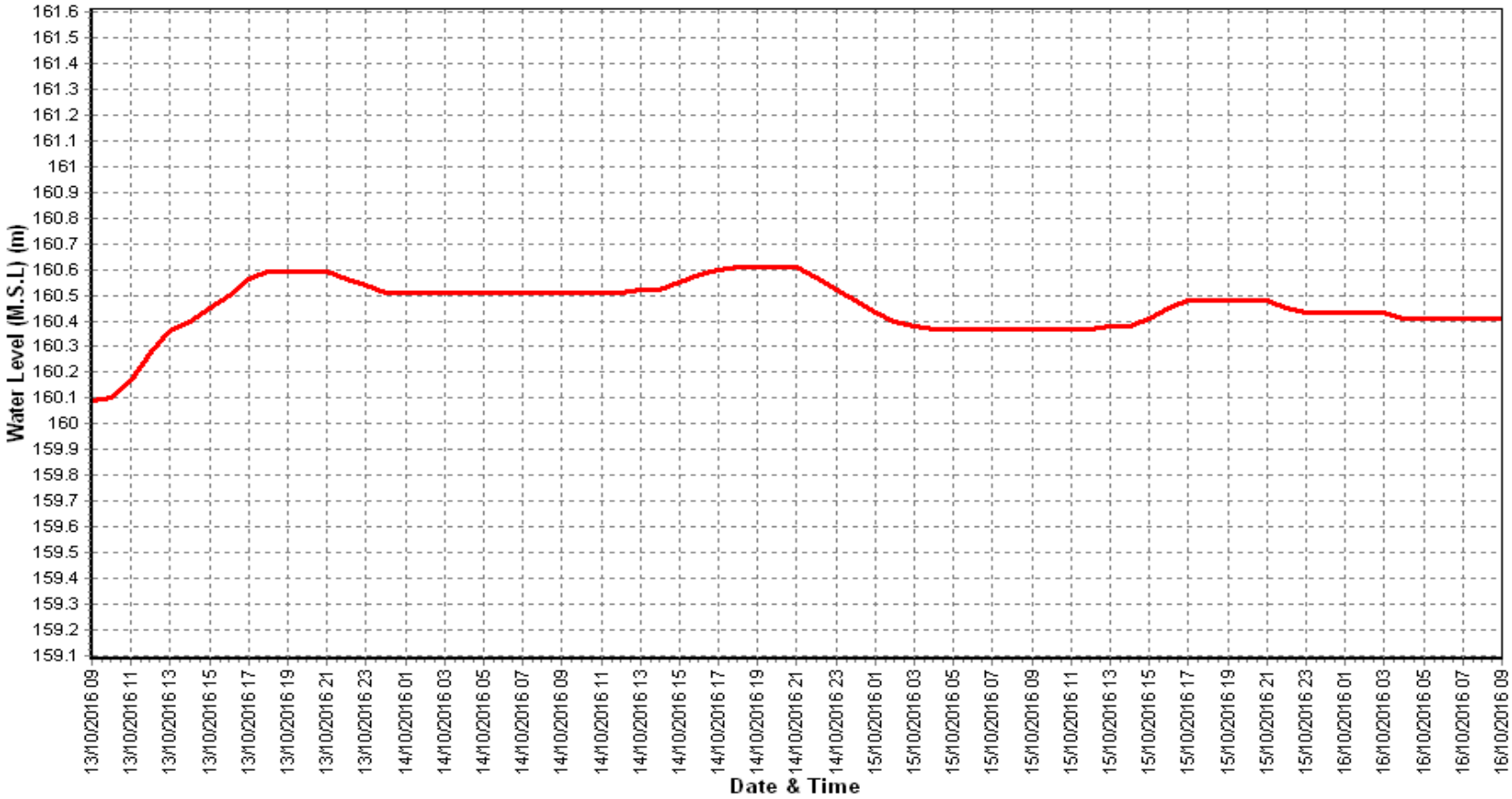
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

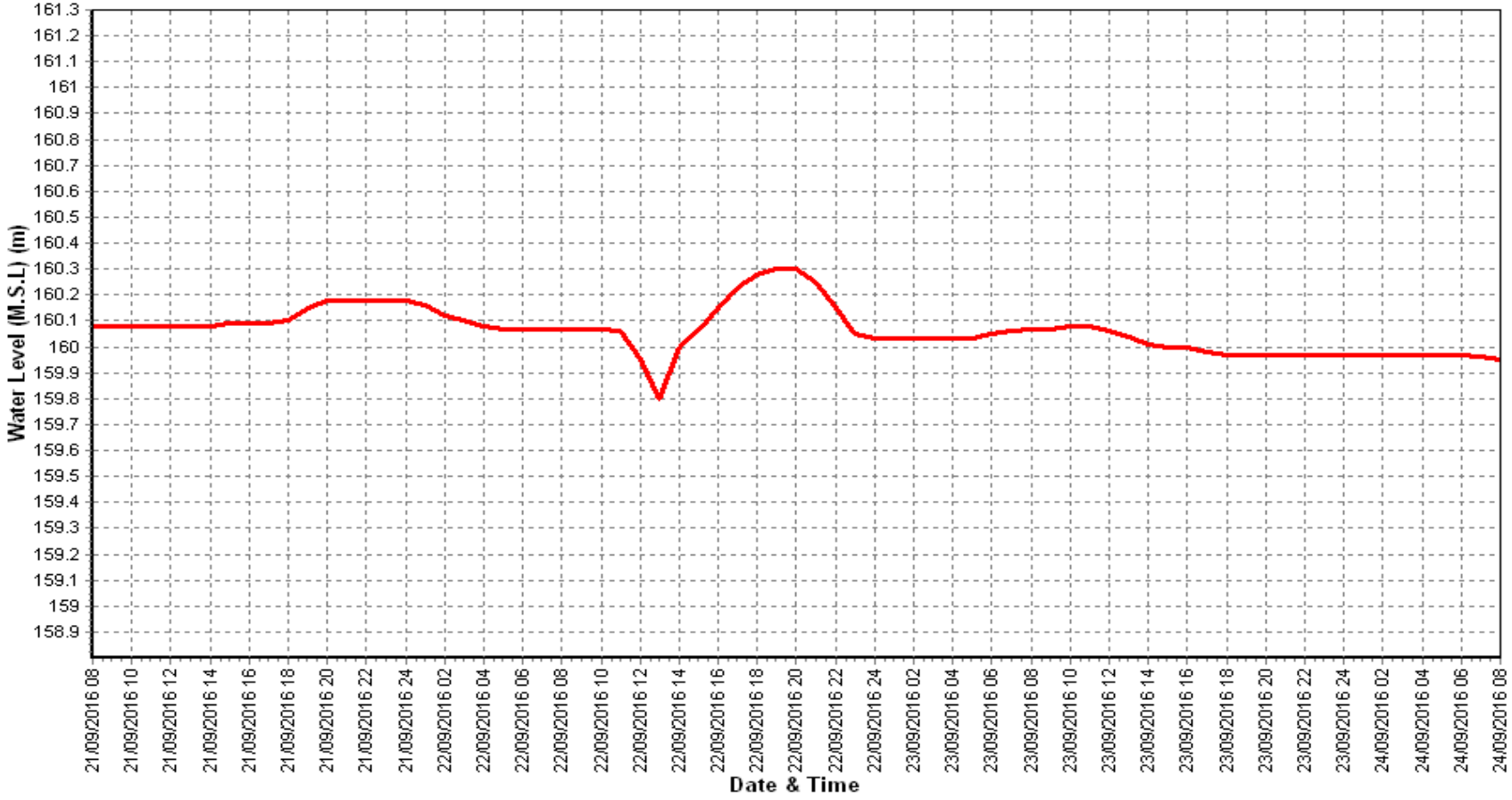


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

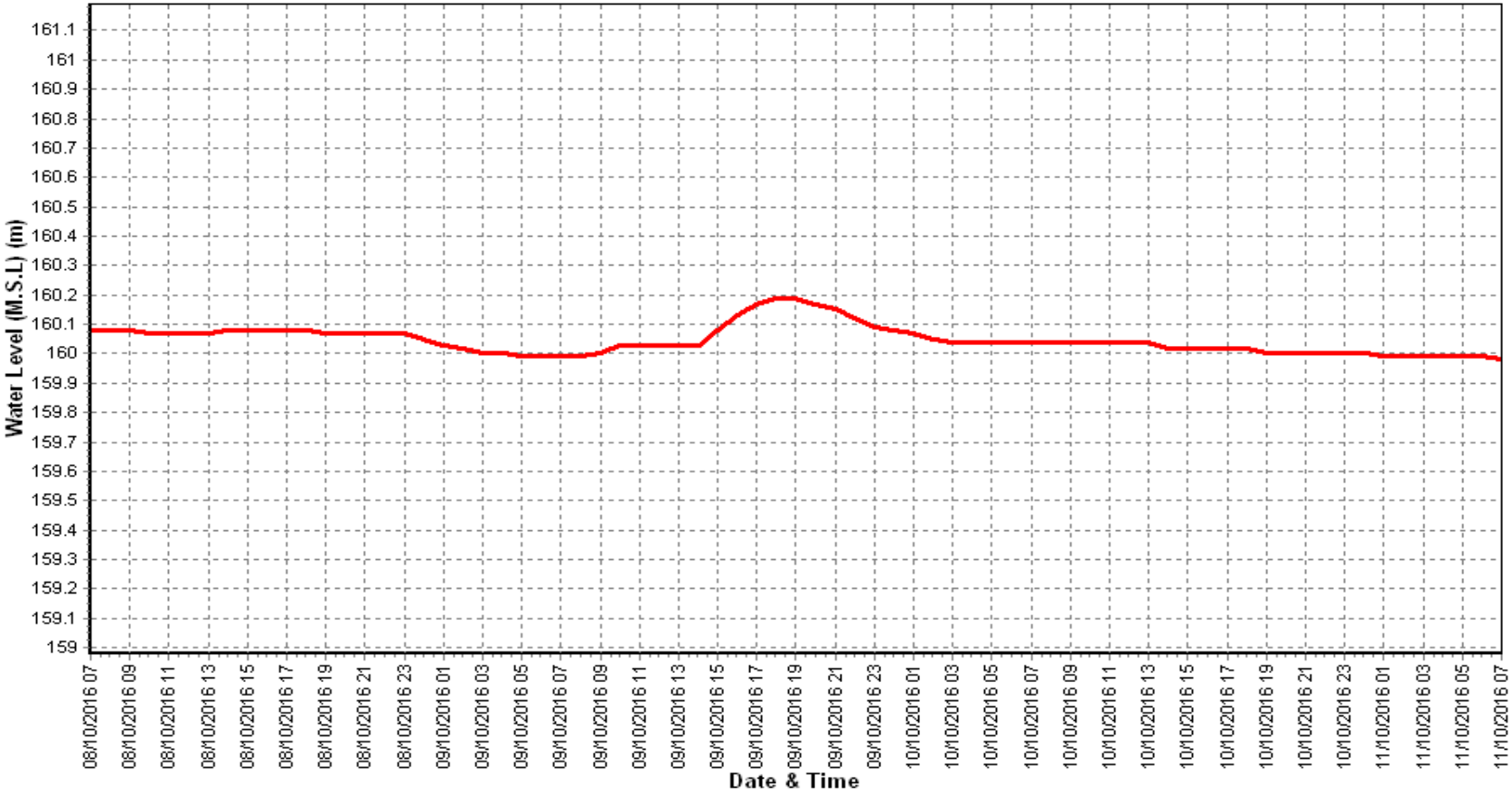


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**:**	**2016-2017**
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

Q:Observed/Computed Discharge

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

Stage-Discharge Data for the period 2016 - 2017

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	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		0.000
3		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
5		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
7		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
9		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		0.000
30		0.000		0.000		0.000		0.000		0.000		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		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.		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
Mean		0		0		0		0		0		0

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

Peak Observed Discharge = 0.000 cumecs on 01/06/2016

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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

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

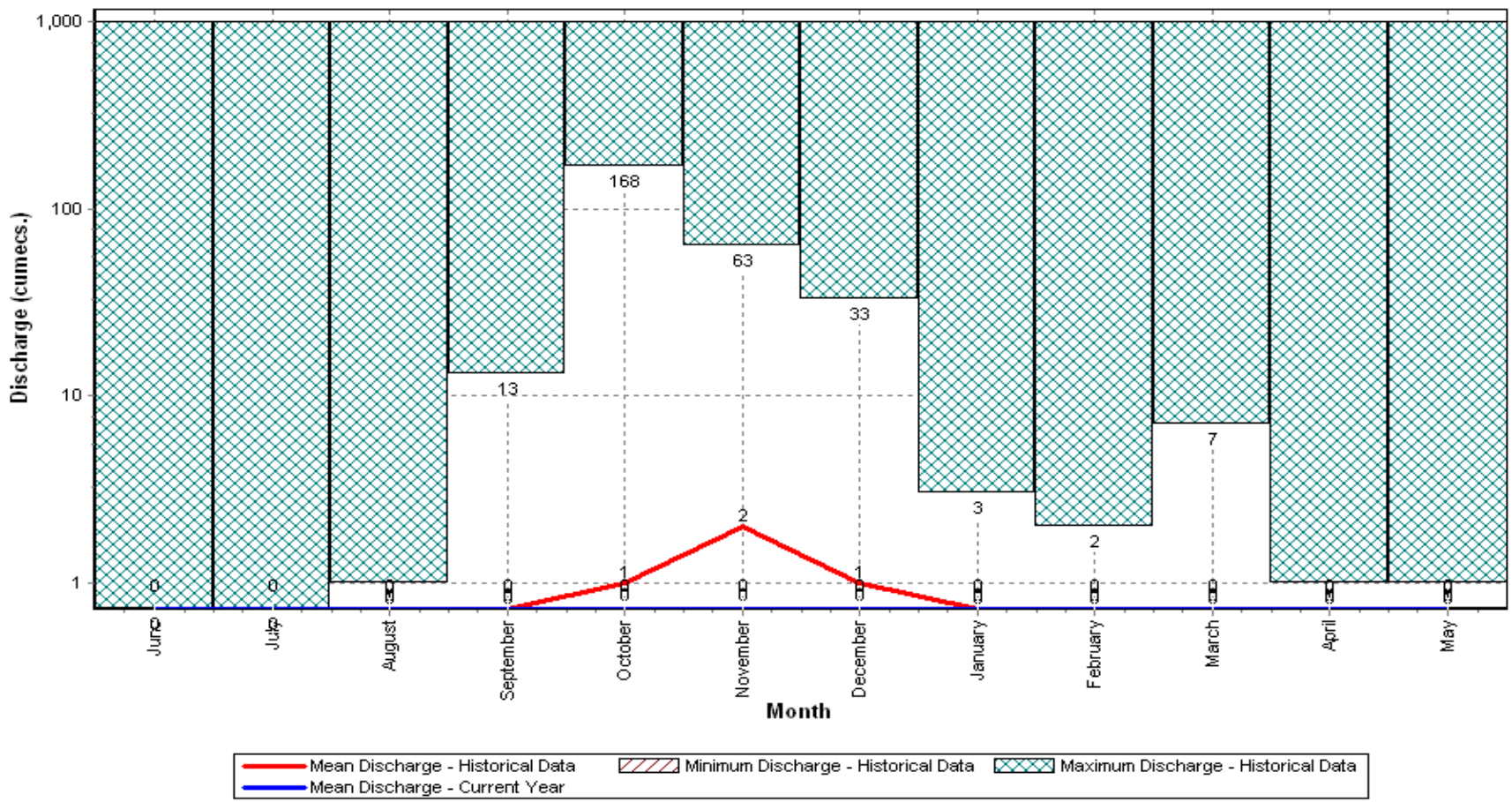
Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1		0.000		0.000		0.000		0.000		0.000		0.000
2		0.000		0.000		0.000		0.000		0.000		0.000
3		0.000		0.000		0.000		0.000		0.000		0.000
4		0.000		0.000		0.000		0.000		0.000		0.000
5		0.000		0.000		0.000		0.000		0.000		0.000
6		0.000		0.000		0.000		0.000		0.000		0.000
7		0.000		0.000		0.000		0.000		0.000		0.000
8		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
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		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.		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
Mean		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 : 2016-2017

Station Name : THEVUR (CCH00C3) **Data considered : 2000-2017** **Division : SR Division, Coimbatore**

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



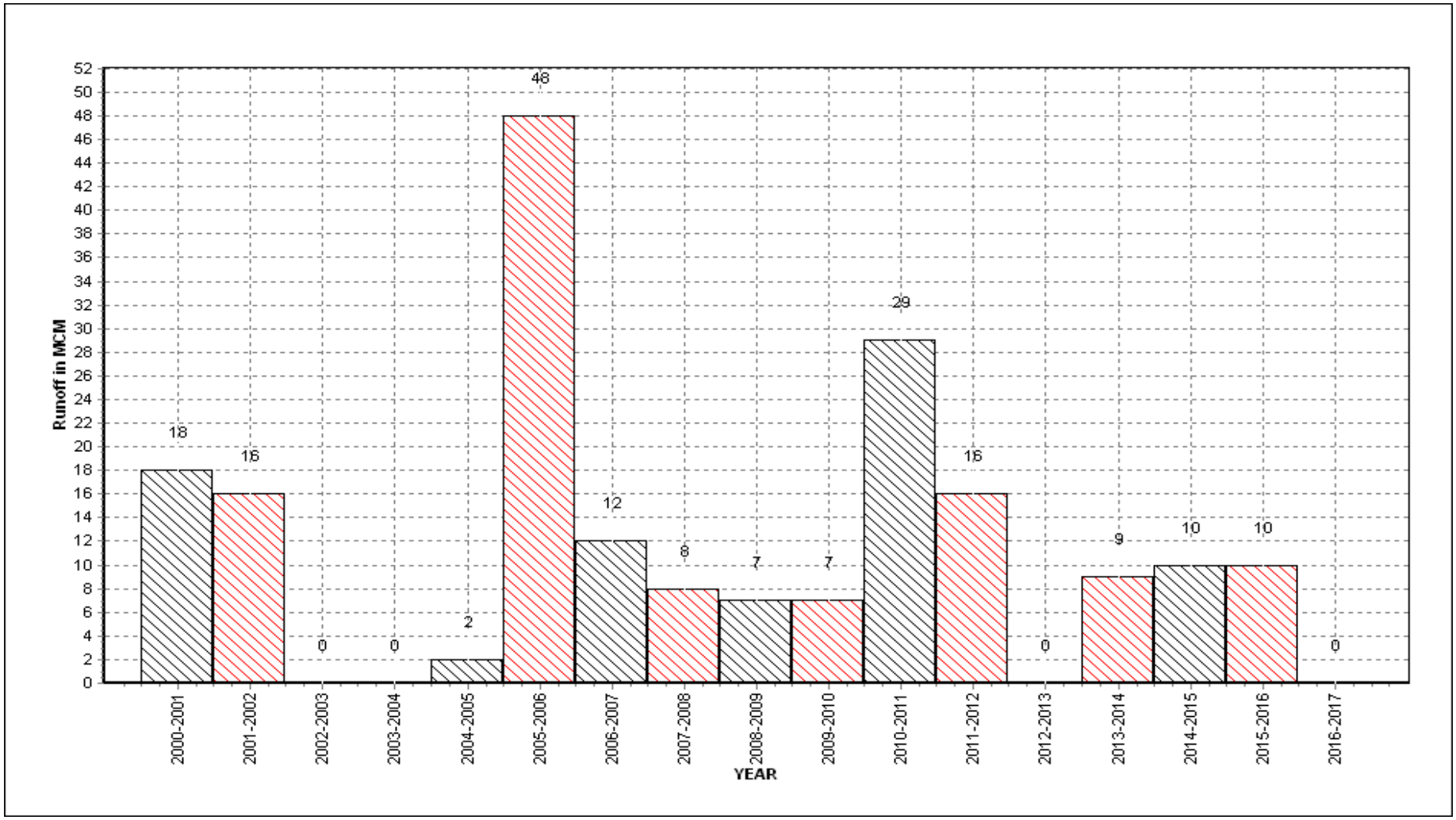
Annual Runoff Values for the period: 2000 - 2017

Station Name : THEVUR (CCH00C3)

Local River : Sarabenga

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

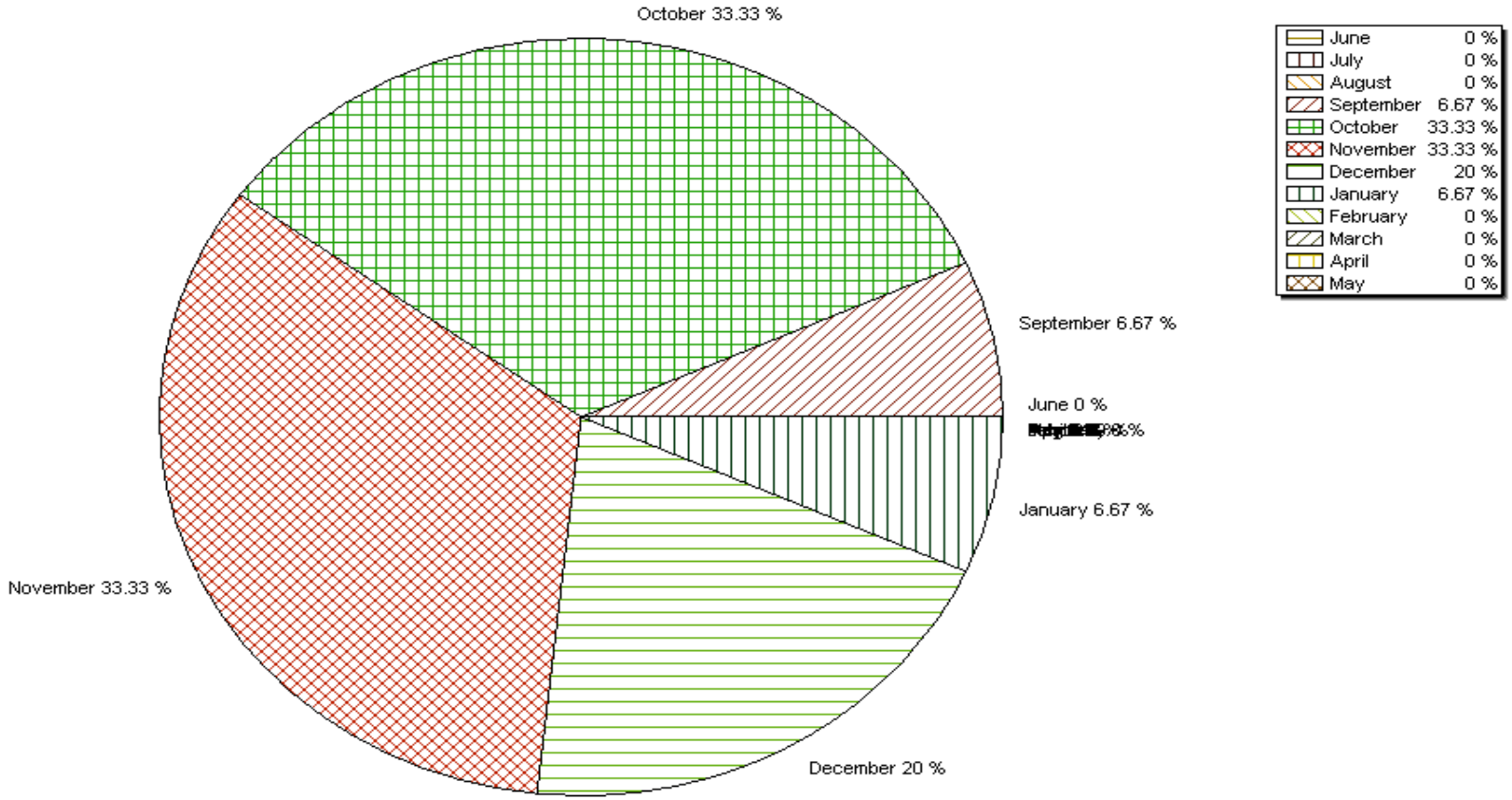


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2000-2016

Station Name : THEVUR (CCH00C3)
Local River : Sarabenga

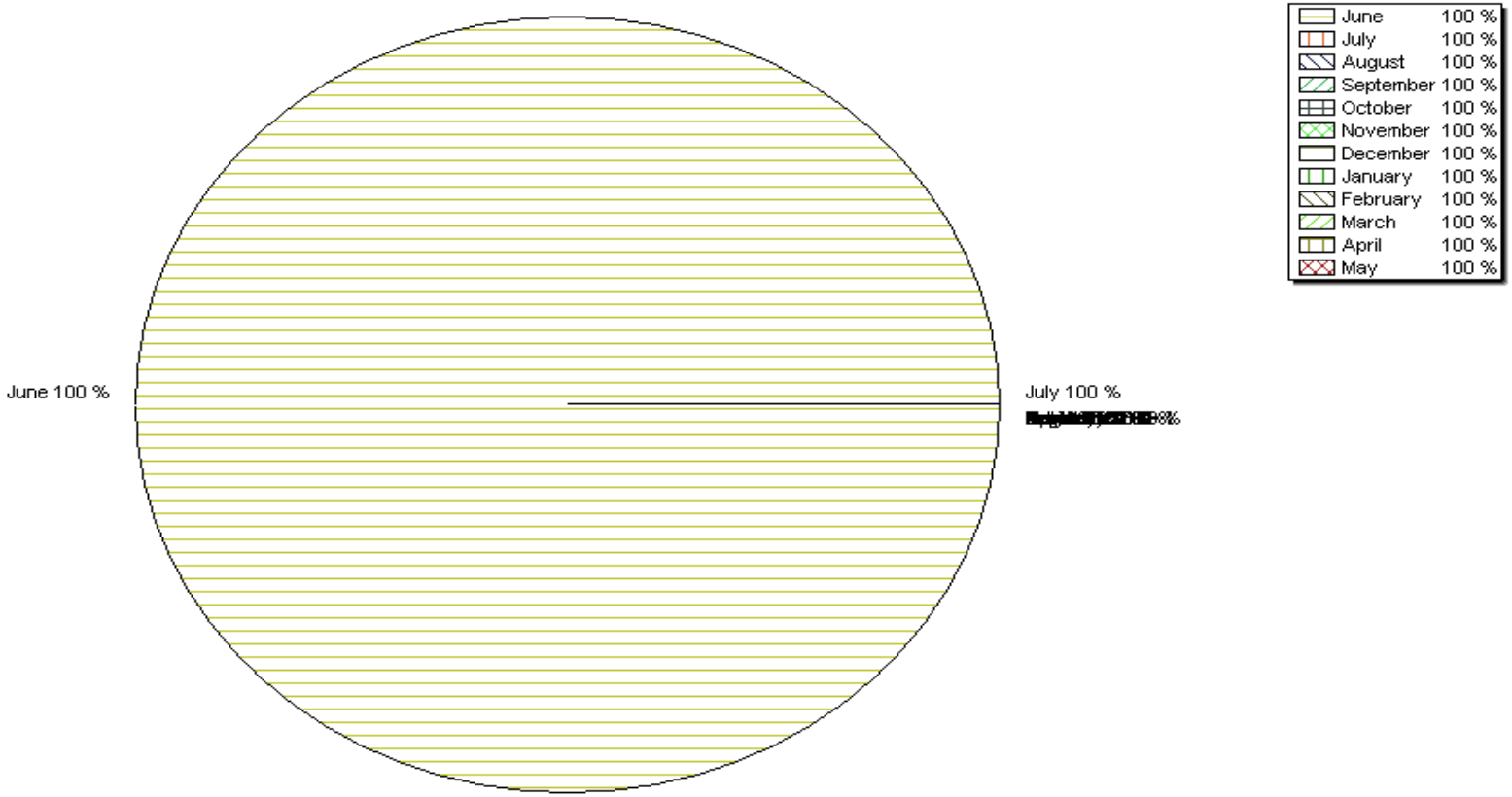
Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



Monthly Runoff for the Year : 2016-2017

Station Name : THEVUR (CCH00C3)
Local River : Sarabenga

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

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

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	170.520	0.010		0.000		0.000
2		0.000		0.000		0.000	170.540	0.009		0.000		0.000
3		0.000		0.000		0.000	170.550	0.008		0.000		0.000
4		0.000		0.000		0.000	170.560	0.007		0.000		0.000
5		0.000		0.000		0.000	170.560	0.006		0.000		0.000
6		0.000		0.000		0.000	170.570	0.005		0.000		0.000
7		0.000		0.000		0.000	170.560	0.004		0.000		0.000
8		0.000		0.000		0.000	170.550	0.003		0.000		0.000
9		0.000		0.000		0.000	170.540	0.002		0.000		0.000
10		0.000		0.000		0.000	170.530	0.001		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	170.540	0.000		0.000		0.000		0.000
27		0.000		0.000	170.540	0.000		0.000		0.000		0.000
28		0.000		0.000	170.530	0.000		0.000		0.000		0.000
29		0.000		0.000	170.540	0.000		0.000		0.000		0.000
30		0.000		0.000	170.540	0.000		0.000		0.000		0.000
31				0.000	170.530	0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	170.548	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	170.537	0.000		0.000		0.000		0.000
Monthly												
Min.		0.000		0.000	170.530	0.000	170.520	0.000		0.000		0.000
Max.		0.000		0.000	170.540	0.000	170.570	0.000		0.000		0.000
Mean		0		0	170.537	0	170.548	0		0		0

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

Peak Observed Discharge = 0.000 cumecs on 01/06/2016

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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
2		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
4		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
6		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
8		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
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		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.		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
Mean		0		0		0		0		0		0

Q: Observed/Computed Discharge in cumecs

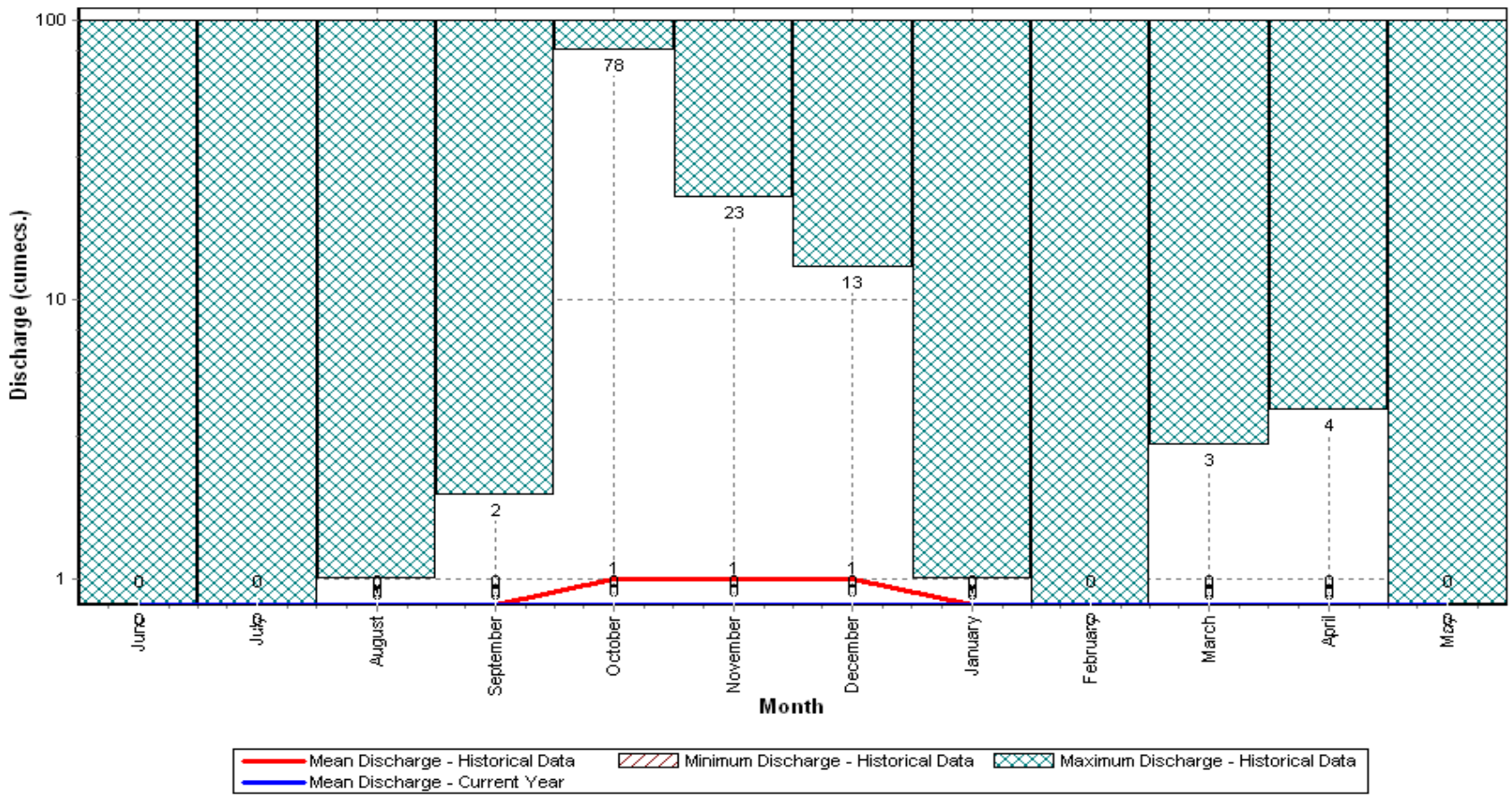
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : SEVANUR (CCI00C4) **Data considered : 2000-2017** **Division : SR Division, Coimbatore**

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



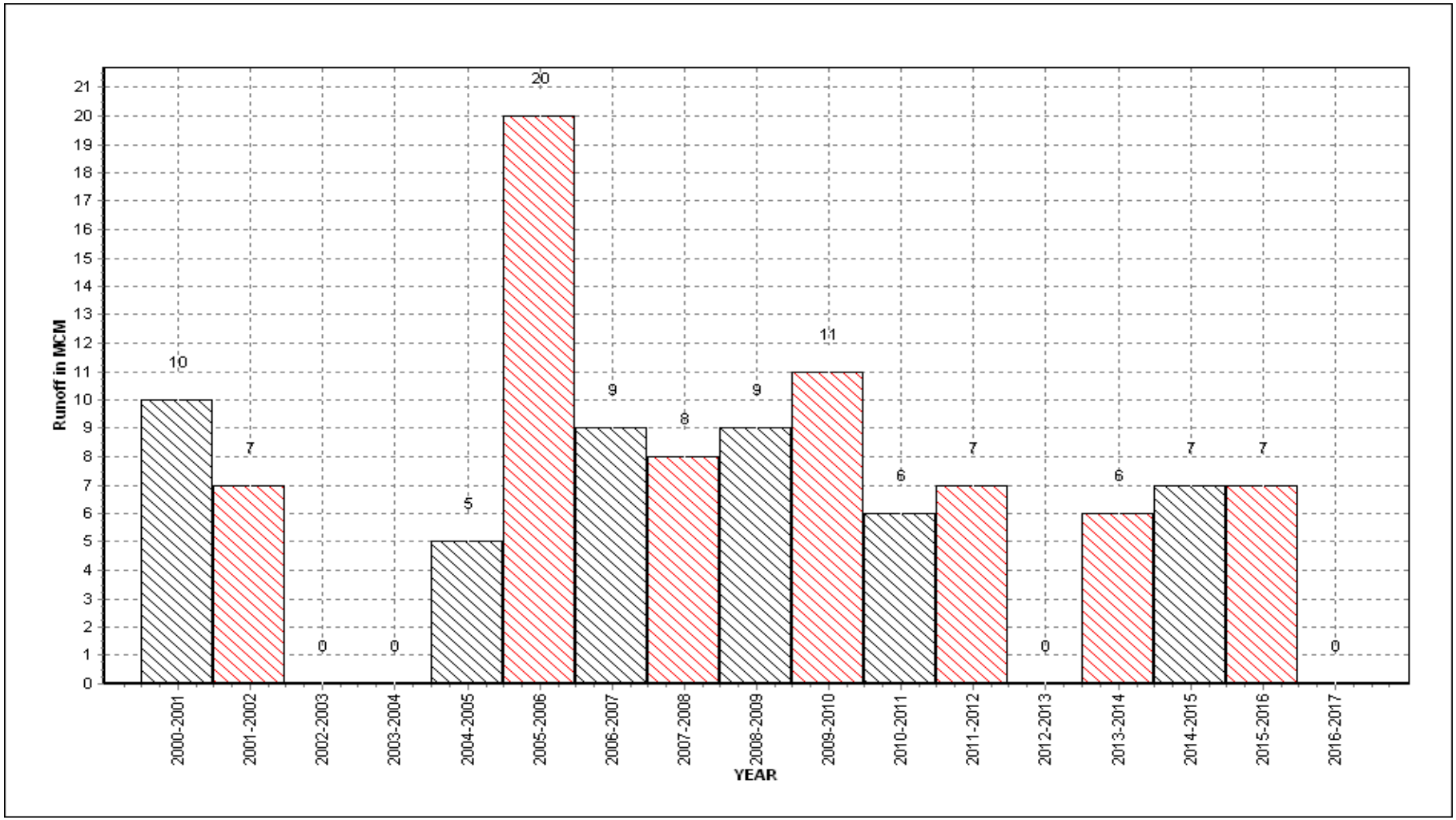
Annual Runoff Values for the period: 2000 - 2017

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

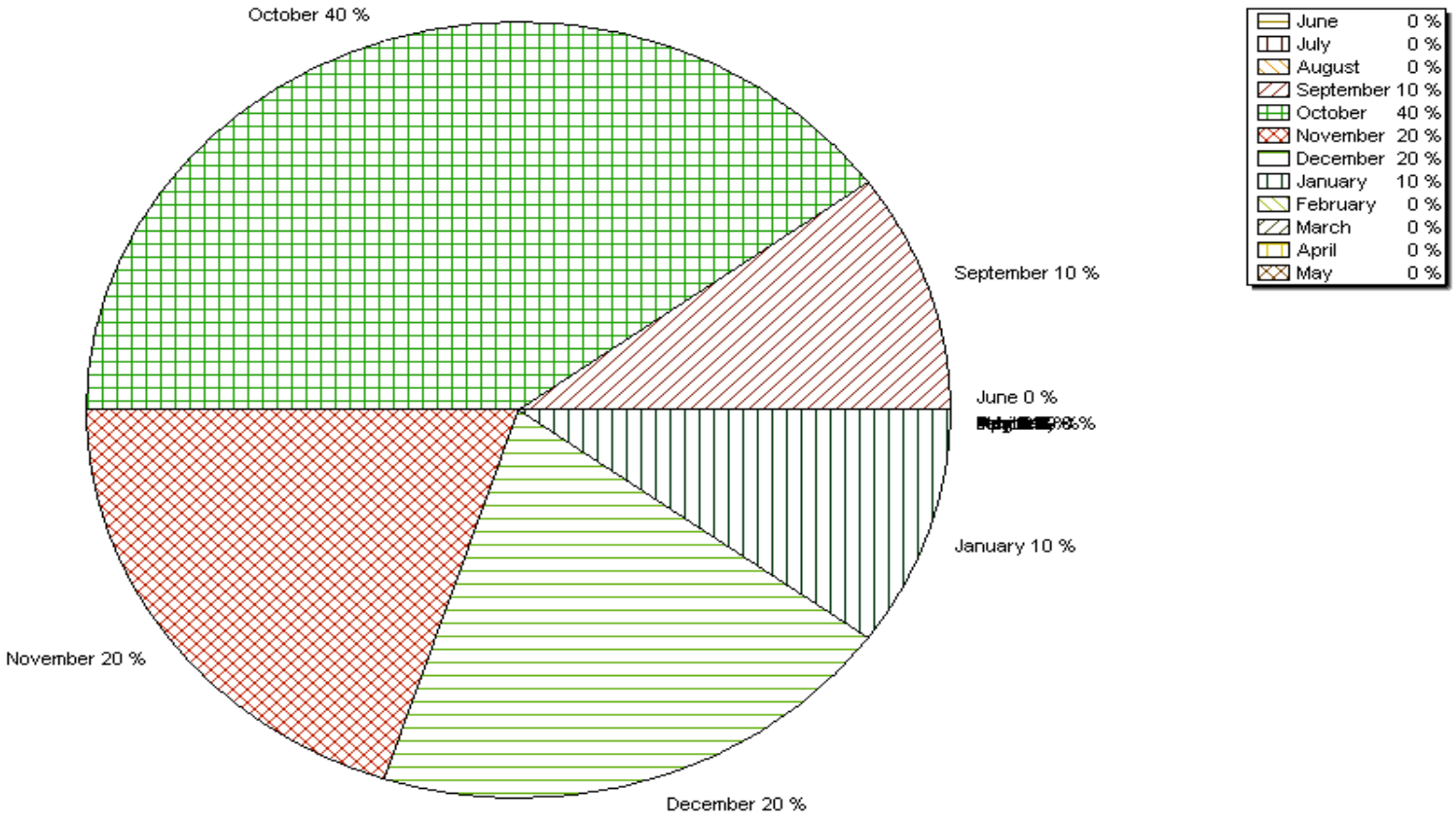


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2000-2016

Station Name : SEVANUR (CCI00C4)
Local River : Chittar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



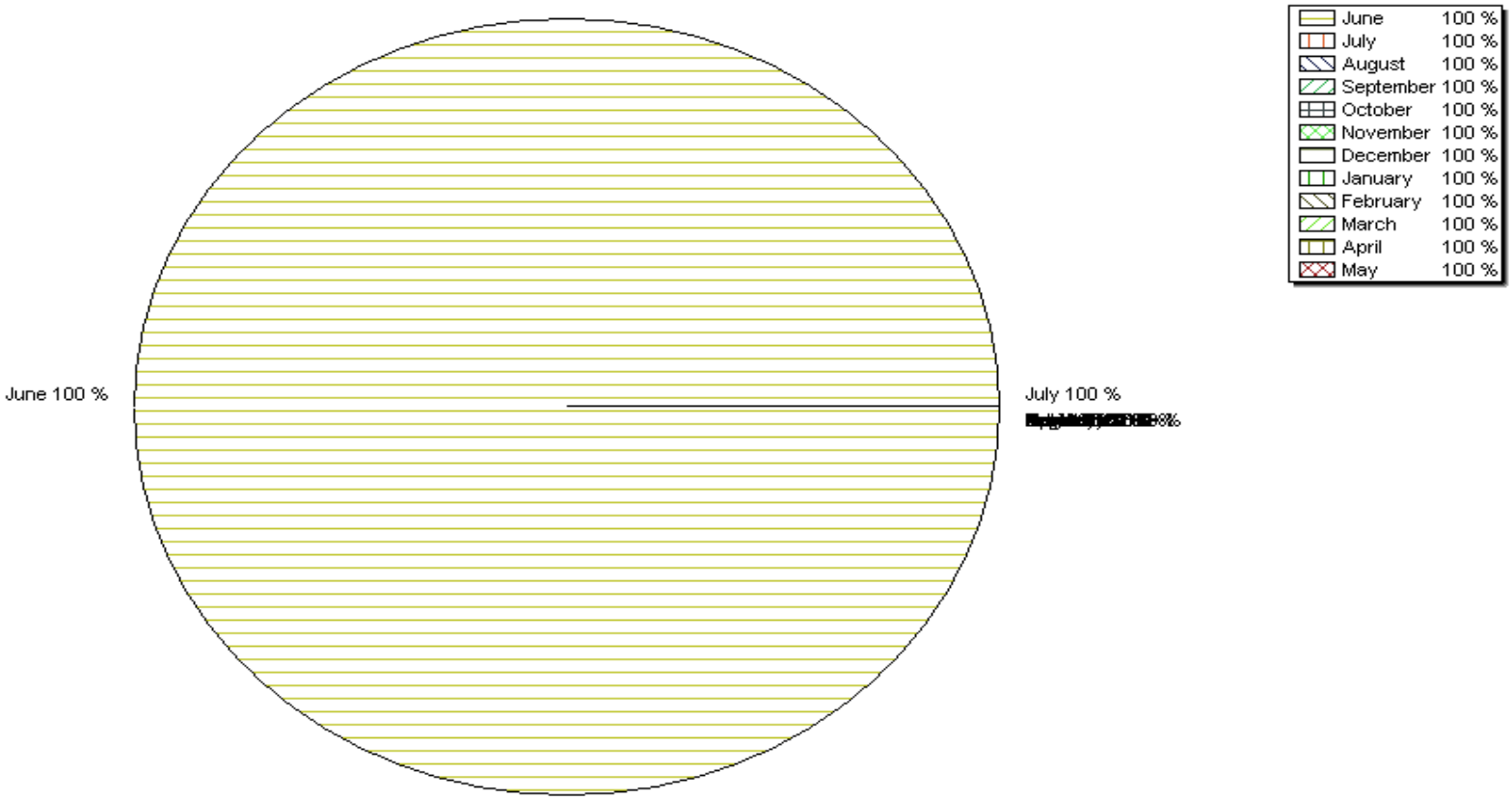
Monthly Runoff for the Year : 2016-2017

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



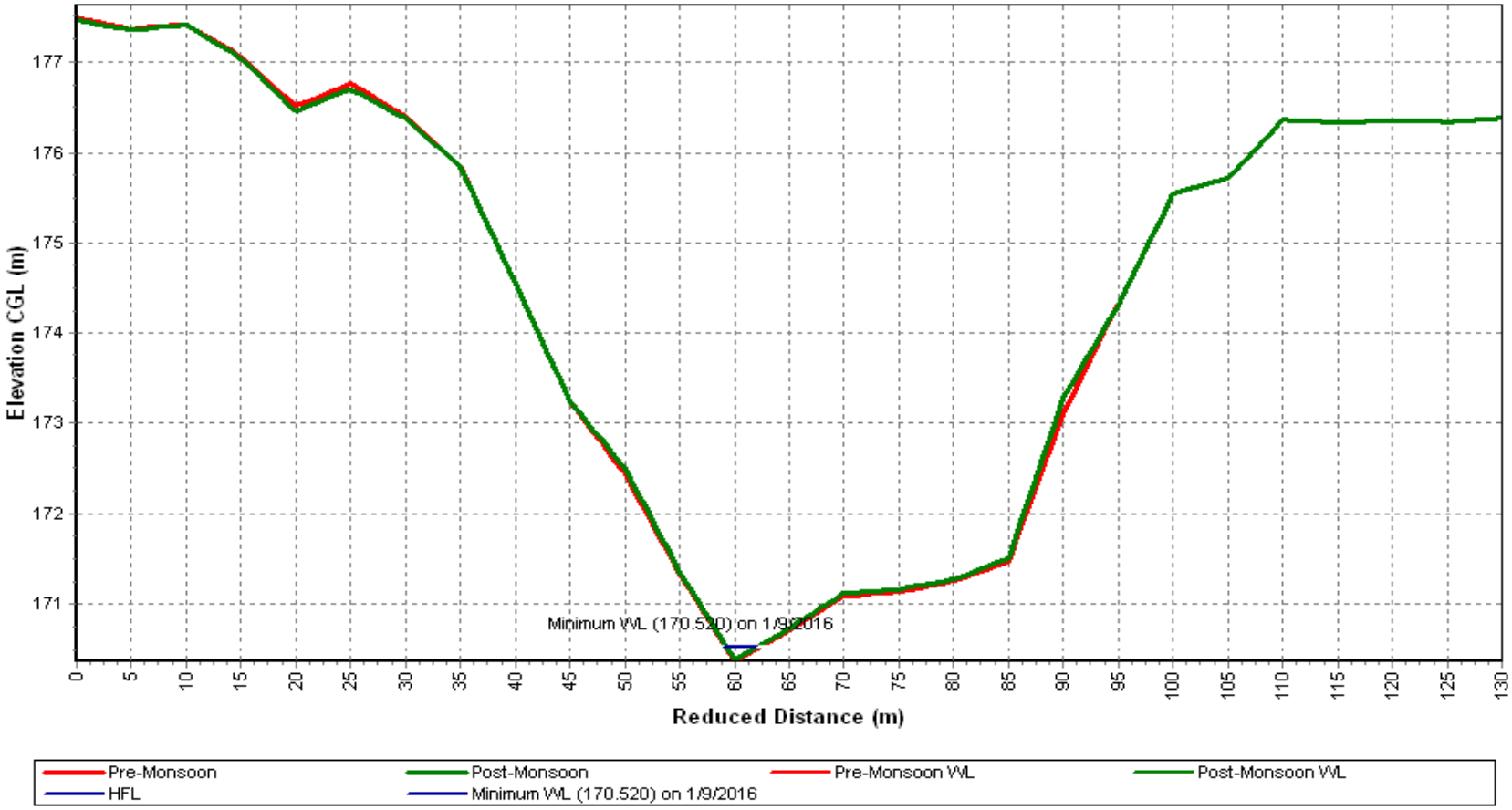
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

		Water Year	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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

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

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	323.220	0.000	323.110	0.000	323.230	0.000	323.170	0.000		0.000		0.000
2	323.200	0.000	323.100	0.000	323.260	0.000	323.235	0.000		0.000		0.000
3	323.180	0.000	323.090	0.000	323.270	0.000	323.245	0.000		0.000		0.000
4	323.180	0.000	323.090	0.000	323.270	0.000	323.250	0.000		0.000		0.000
5	323.180	0.000	323.090	0.000	323.270	0.000	323.250	0.000		0.000		0.000
6	323.180	0.000	323.080	0.000	323.270	0.000	323.240	0.000		0.000		0.000
7	323.170	0.000	323.080	0.000	323.260	0.000	323.230	0.000		0.000		0.000
8	323.150	0.000	323.080	0.000	323.250	0.000	323.180	0.000		0.000		0.000
9	323.170	0.000	323.080	0.000	323.250	0.000	323.055	0.000		0.000		0.000
10	323.150	0.000	323.080	0.000	323.240	0.000	323.030	0.000		0.000		0.000
11	323.120	0.000	322.940	0.000	323.220	0.000	323.035	0.000		0.000		0.000
12	323.090	0.000		0.000	323.230	0.000	323.050	0.000		0.000		0.000
13	323.100	0.000		0.000	323.240	0.000	323.080	0.000		0.000		0.000
14	323.090	0.000		0.000	323.240	0.000	323.090	0.000		0.000		0.000
15	323.080	0.000		0.000	323.230	0.000	323.125	0.000		0.000		0.000
16	323.070	0.000		0.000	323.210	0.000	323.145	0.000		0.000		0.000
17	323.060	0.000		0.000	323.220	0.000	323.110	0.000		0.000		0.000
18	323.090	0.000		0.000	323.220	0.000	323.145	0.000		0.000		0.000
19	323.120	0.000		0.000	323.130	0.000	323.120	0.000		0.000		0.000
20	323.130	0.000		0.000	323.050	0.000	323.095	0.000		0.000		0.000
21	323.130	0.000		0.000	322.910	0.000	323.060	0.000		0.000		0.000
22	323.150	0.000		0.000	322.970	0.000	322.930	0.000		0.000		0.000
23	323.160	0.000		0.000	323.000	0.000	322.905	0.000		0.000		0.000
24	323.160	0.000		0.000		0.000	322.915	0.000		0.000		0.000
25	323.150	0.000		0.000		0.000	322.870	0.000		0.000		0.000
26	323.150	0.000	323.230	0.000		0.000		0.000		0.000		0.000
27	323.130	0.000	323.200	0.000		0.000		0.000		0.000		0.000
28	323.120	0.000	323.180	0.000	322.970	0.000		0.000		0.000		0.000
29	323.130	0.000	323.290	0.000	323.070	0.000		0.000		0.000		0.000
30	323.130	0.000	323.230	0.000	323.095	0.000		0.000		0.000		0.000
31			323.230	0.000	323.060	0.000				0.000		
Ten-Daily Mean												
I Ten-Daily	323.178	0.000	323.088	0.000	323.257	0.000	323.189	0.000		0.000		0.000
II Ten-Daily	323.095	0.000	322.940	0.000	323.199	0.000	323.099	0.000		0.000		0.000
III Ten-Daily	323.141	0.000	323.227	0.000	323.011	0.000	322.936	0.000		0.000		0.000
Monthly												
Min.	323.060	0.000	322.940	0.000	322.910	0.000	322.870	0.000		0.000		0.000
Max.	323.220	0.000	323.290	0.000	323.270	0.000	323.250	0.000		0.000		0.000
Mean	323.138	0	323.128	0	323.172	0	323.102	0		0		0

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

Peak Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :323.22 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :323.22 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 2016 - 2017

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

Local River : Thoppaiyar **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		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
3		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
5		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
7		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
9		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		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.		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
Mean		0		0		0		0		0		0

Q: Observed/Computed Discharge in cumecs

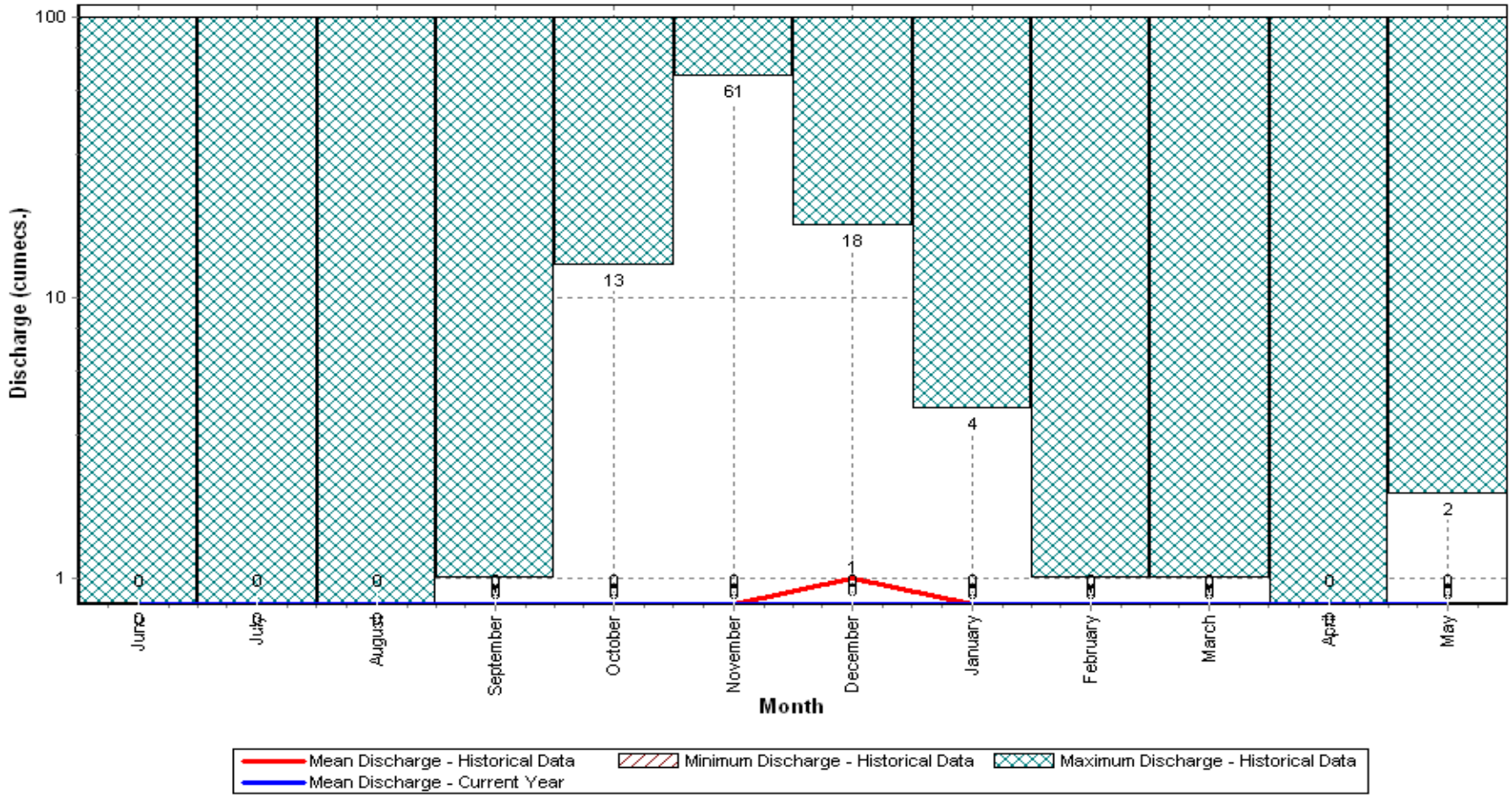
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : THOPPUR (CCJ00I2) | **Data considered : 2000-2017** | **Division : SR Division, Coimbatore**

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



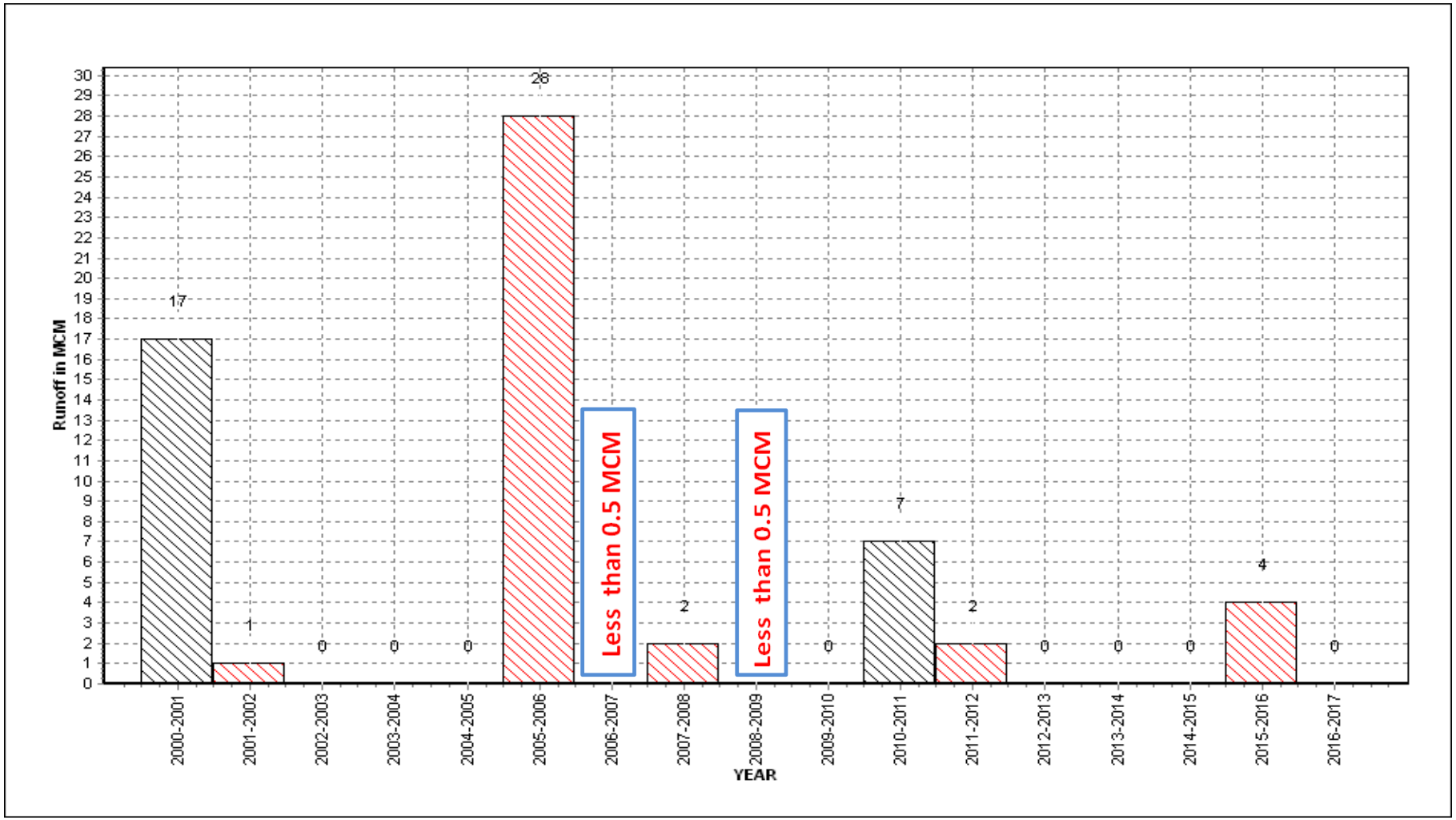
Annual Runoff Values for the period: 2000 - 2017

Station Name : THOPPUR (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy

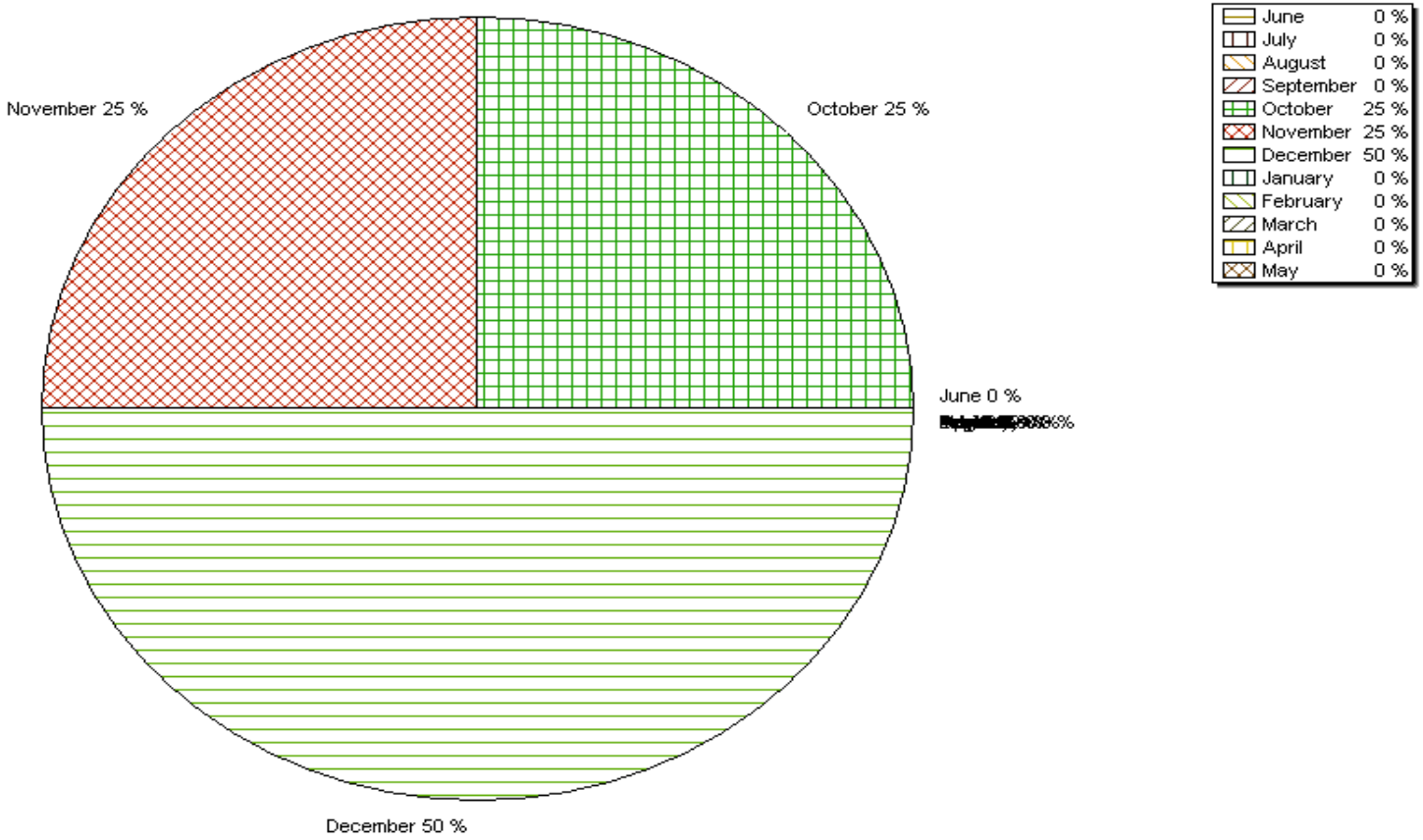


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2000-2016

Station Name : THOPPUR (CCJ00I2)
Local River : Thoppaiyar

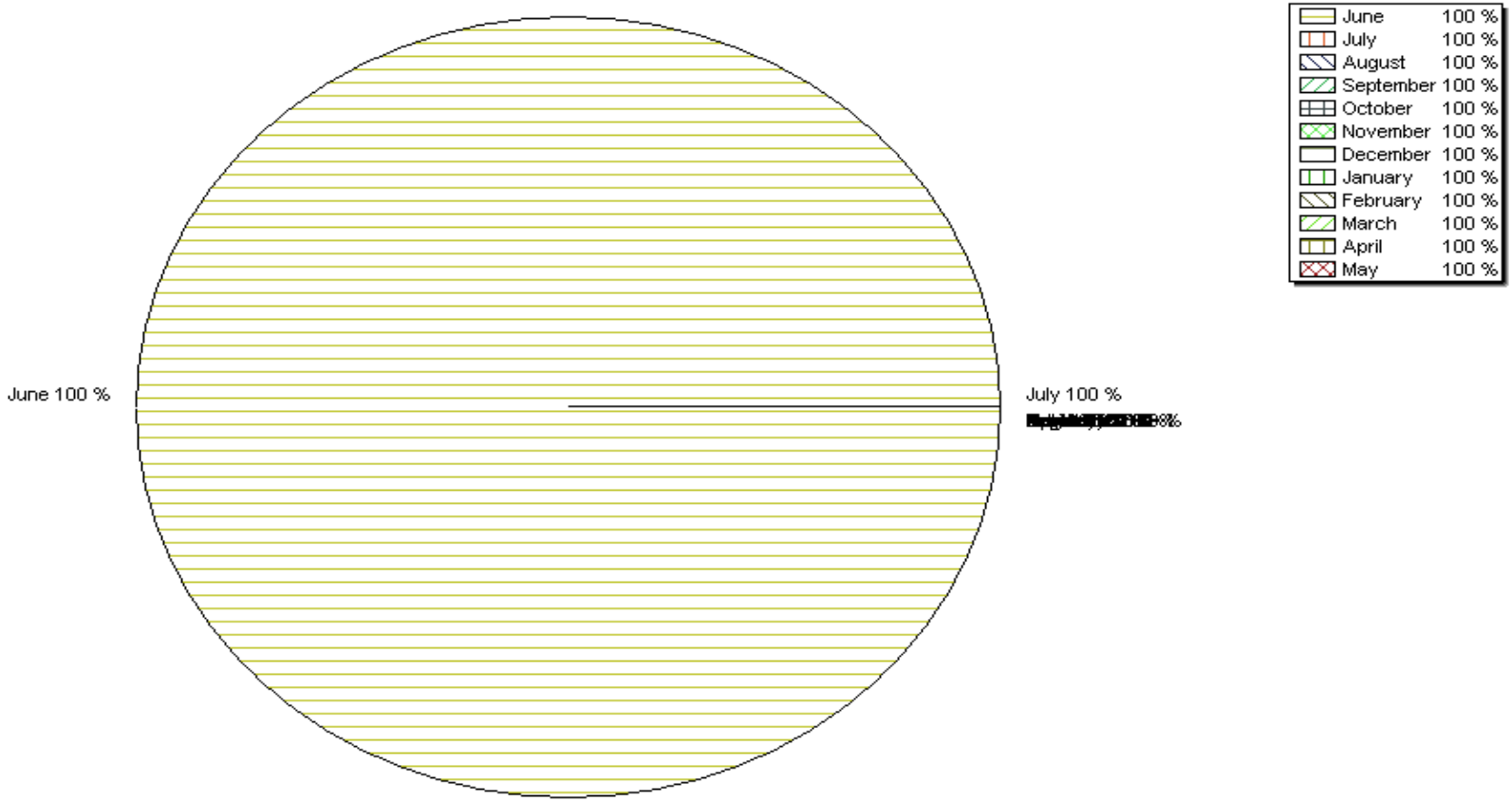
Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichy



Monthly Runoff for the Year : 2016-2017

Station Name : THOPPUR (CCJ00I2)
Local River : Thoppaiyar

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichy



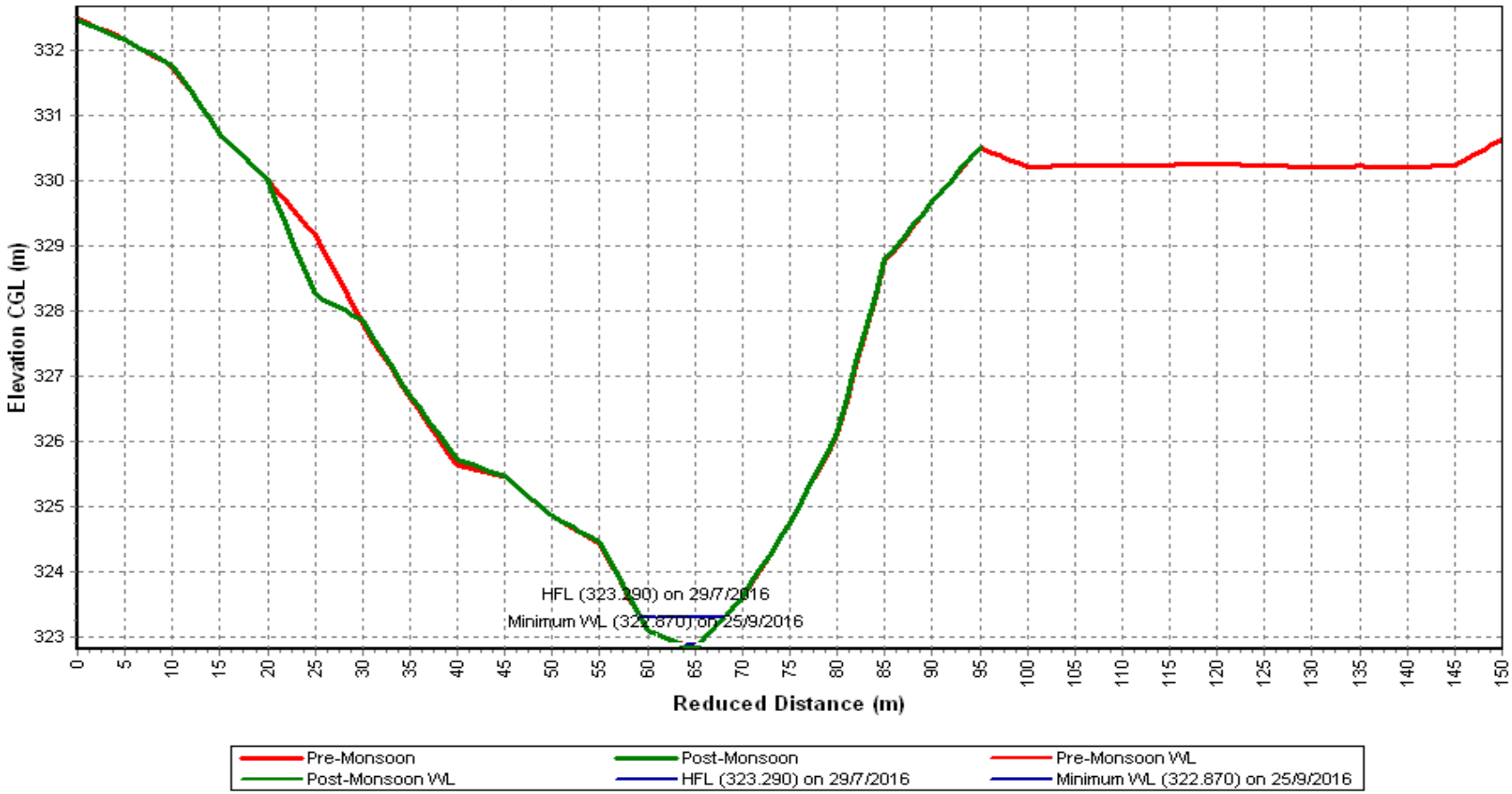
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : THOPPUR (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



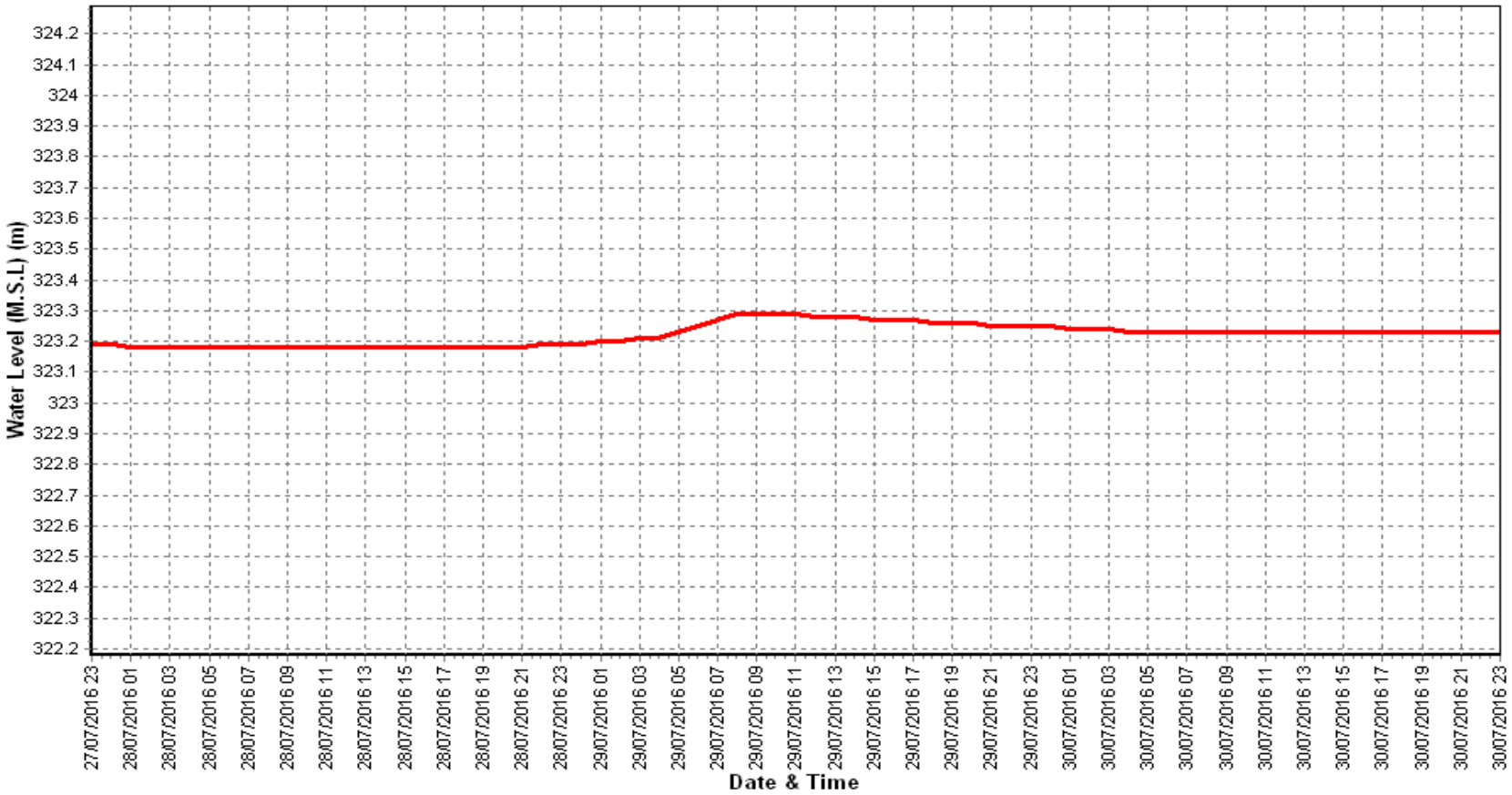
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : THOPPUR (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy

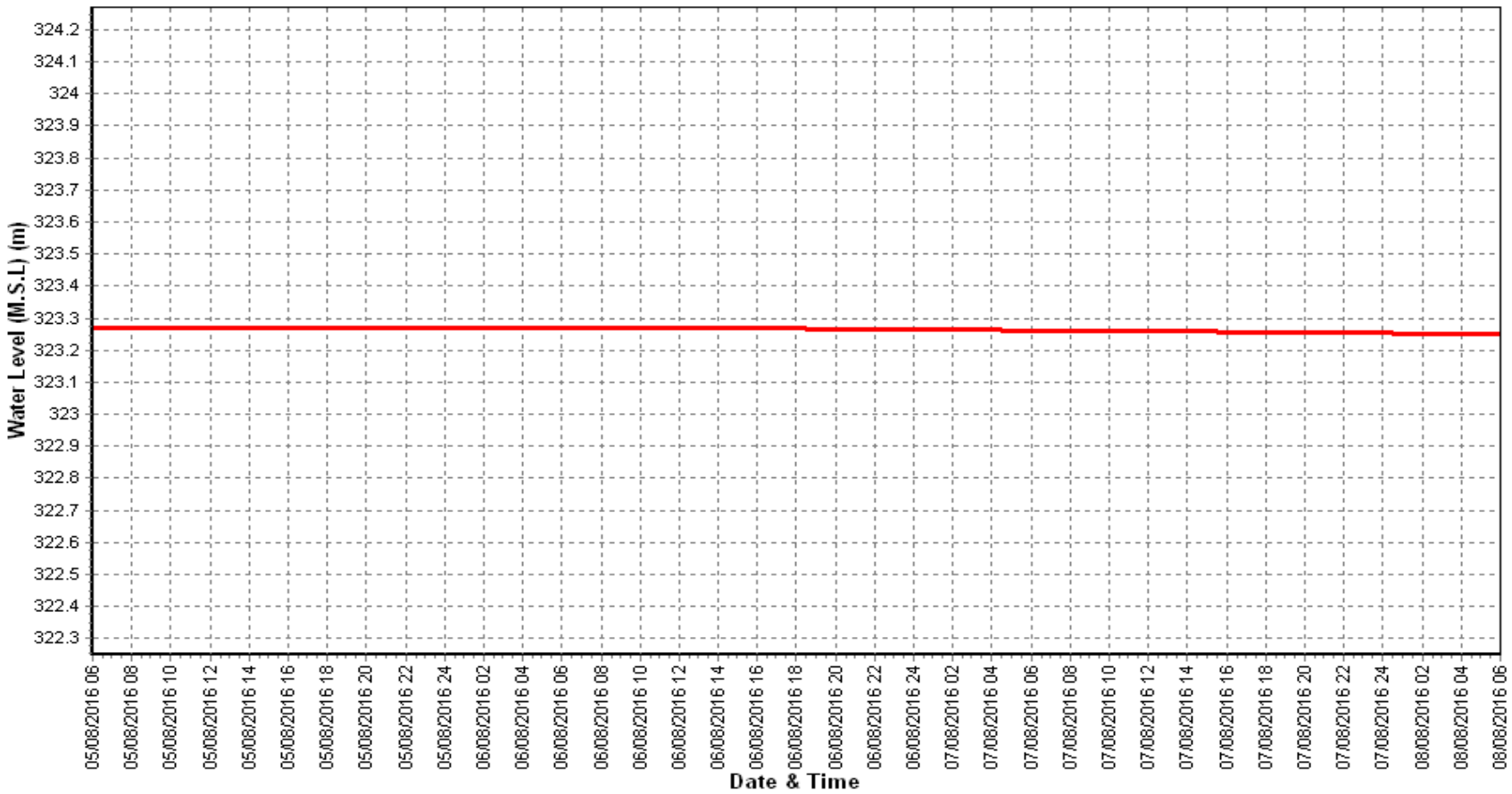


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

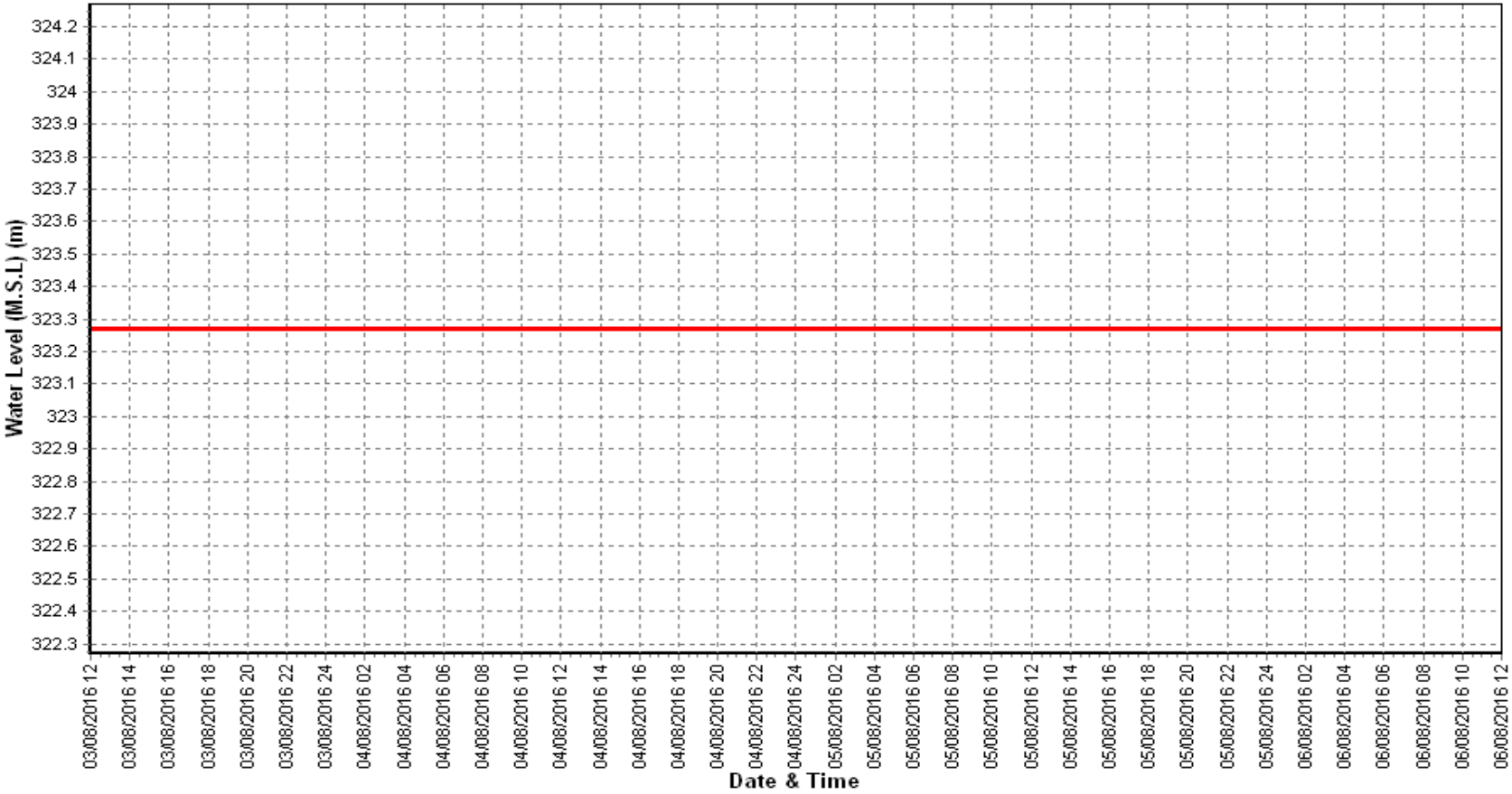


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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

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



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	435.250	0.580	435.140	0.000	435.200	0.316		0.000		0.000		0.000
2	435.580	4.526	435.140	0.000	435.190	0.000		0.000		0.000		0.000
3	435.290	0.960	435.140	0.000	435.170	0.000		0.000		0.000		0.000
4	435.290	0.858	435.120	0.000	435.150	0.000		0.000		0.000		0.000
5	435.240	0.000	435.120	0.000		0.000		0.000		0.000		0.000
6	435.250	0.000		0.000		0.000		0.000		0.000		0.000
7	435.220	0.000		0.000		0.000		0.000		0.000		0.000
8	435.210	0.000		0.000		0.000		0.000		0.000		0.000
9	435.300	1.094		0.000		0.000		0.000		0.000		0.000
10	435.210	0.000		0.000		0.000		0.000		0.000		0.000
11	435.200	0.000		0.000		0.000		0.000		0.000		0.000
12	435.190	0.000		0.000		0.000		0.000		0.000		0.000
13	435.190	0.000		0.000		0.000		0.000		0.000		0.000
14	435.190	0.000		0.000		0.000		0.000		0.000		0.000
15	435.170	0.000		0.000		0.000		0.000		0.000		0.000
16	435.160	0.000		0.000		0.000		0.000		0.000		0.000
17	435.150	0.000		0.000		0.000		0.000		0.000		0.000
18	435.200	0.000		0.000		0.000		0.000		0.000		0.000
19	435.180	0.000	435.180	0.000		0.000		0.000		0.000		0.000
20	435.210	0.000	435.150	0.000		0.000		0.000		0.000		0.000
21	435.180	0.000	435.150	0.000		0.000		0.000		0.000		0.000
22	435.170	0.000	435.150	0.000		0.000		0.000		0.000		0.000
23	435.170	0.000	435.140	0.000		0.000		0.000		0.000		0.000
24	435.170	0.000	435.130	0.000		0.000		0.000		0.000		0.000
25	435.170	0.000		0.000		0.000		0.000		0.000		0.000
26	435.170	0.000	435.130	0.000		0.000		0.000		0.000		0.000
27	435.160	0.000	435.130	0.000		0.000		0.000		0.000		0.000
28	435.140	0.000	435.260	0.593		0.000		0.000		0.000		0.000
29	435.140	0.000	435.350	1.183		0.000		0.000		0.000		0.000
30	435.140	0.000	435.260	0.526		0.000		0.000		0.000		0.000
31			435.220	0.411 *		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily	435.284	0.802	435.132	0.000	435.178	0.032		0.000		0.000		0.000
II Ten-Daily	435.184	0.000	435.165	0.000		0.000		0.000		0.000		0.000
III Ten-Daily	435.161	0.000	435.192	0.247		0.000		0.000		0.000		0.000
Monthly												
Min.	435.140	0.000	435.120	0.000	435.150	0.000		0.000		0.000		0.000
Max.	435.580	4.526	435.350	1.183	435.200	0.316		0.000		0.000		0.000
Mean	435.210	0.267	435.171	0.088	435.178	0.01		0		0		0

Annual Runoff in MCM = 3 Annual Runoff in mm = 4

Peak Observed Discharge = 4.526 cumecs on 02/06/2016 Corres. Water Level :435.58 m

Lowest Observed Discharge = 0.000 cumecs on 05/06/2016 Corres. Water Level :435.24 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 2016 - 2017

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		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
3		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
5		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
7		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
9		0.000		0.000		0.000		0.000		0.000	435.180	0.000
10		0.000		0.000		0.000		0.000		0.000	435.230	1.571
11		0.000		0.000		0.000		0.000		0.000	435.230	1.245
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	435.640	2.836
20		0.000		0.000		0.000		0.000		0.000	435.860	4.393
21		0.000		0.000		0.000		0.000		0.000	435.280	1.250
22		0.000		0.000		0.000		0.000		0.000	435.340	1.755
23		0.000		0.000		0.000		0.000		0.000	435.350	1.910
24		0.000		0.000		0.000		0.000		0.000	435.210	1.177 #
25		0.000		0.000		0.000		0.000		0.000	435.460	2.154 #
26		0.000		0.000		0.000		0.000		0.000	435.310	1.427
27		0.000		0.000		0.000		0.000		0.000	435.340	1.763
28		0.000		0.000		0.000		0.000		0.000	435.220	0.000
29		0.000		0.000				0.000		0.000	435.190	0.000
30		0.000		0.000				0.000		0.000	435.150	0.000
31		0.000		0.000				0.000			435.140	0.000
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000		0.000	435.205	0.157
II Ten-Daily		0.000		0.000		0.000		0.000		0.000	435.577	0.847
III Ten-Daily		0.000		0.000		0.000		0.000		0.000	435.272	1.040
Monthly												
Min.		0.000		0.000		0.000		0.000		0.000	435.140	0.000
Max.		0.000		0.000		0.000		0.000		0.000	435.860	4.393
Mean		0		0		0		0		0	435.321	0.693

Peak Computed Discharge = 0.411 cumecs on 31/07/2016 **Corres. Water Level :435.22 m**

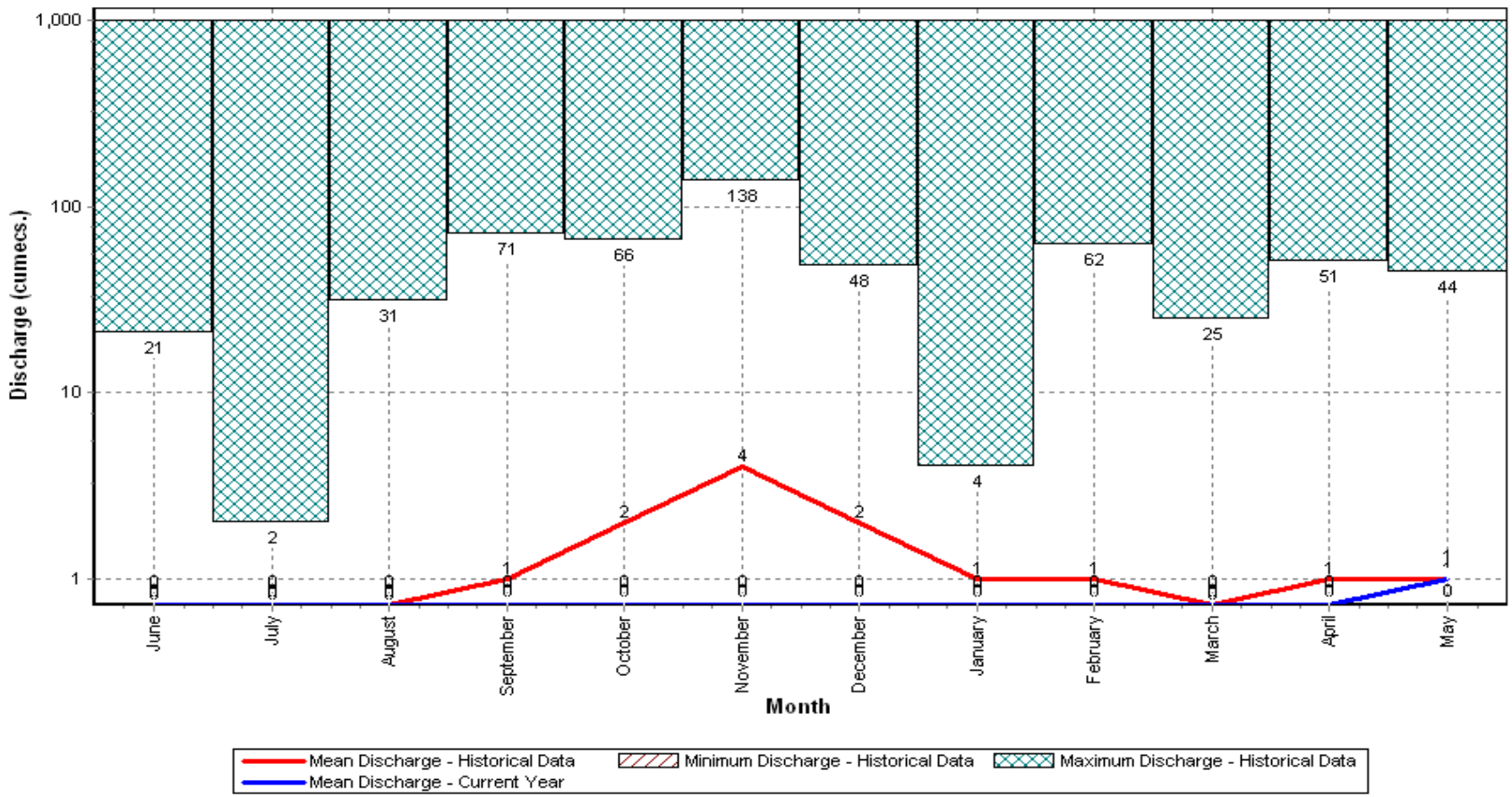
Lowest Computed Discharge = 0.411 cumecs on 31/07/2016 **Corres. Water Level :435.22 m**

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 : 2016-2017

Station Name : KUDLUR (CCK00L9) **Data considered : 1999-2017** **Division : SR Division, Coimbatore**

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



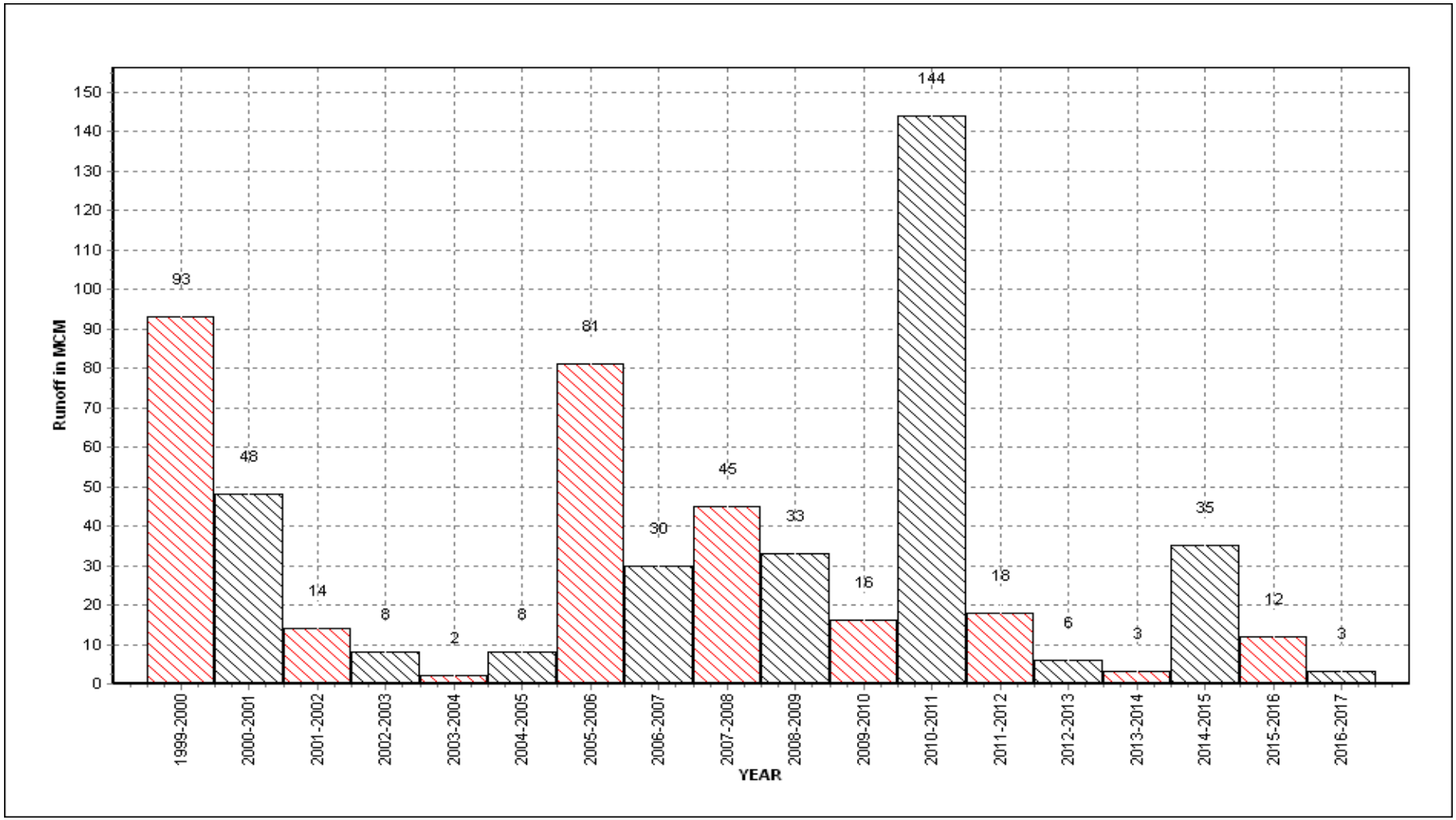
Annual Runoff Values for the period: 1999 - 2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

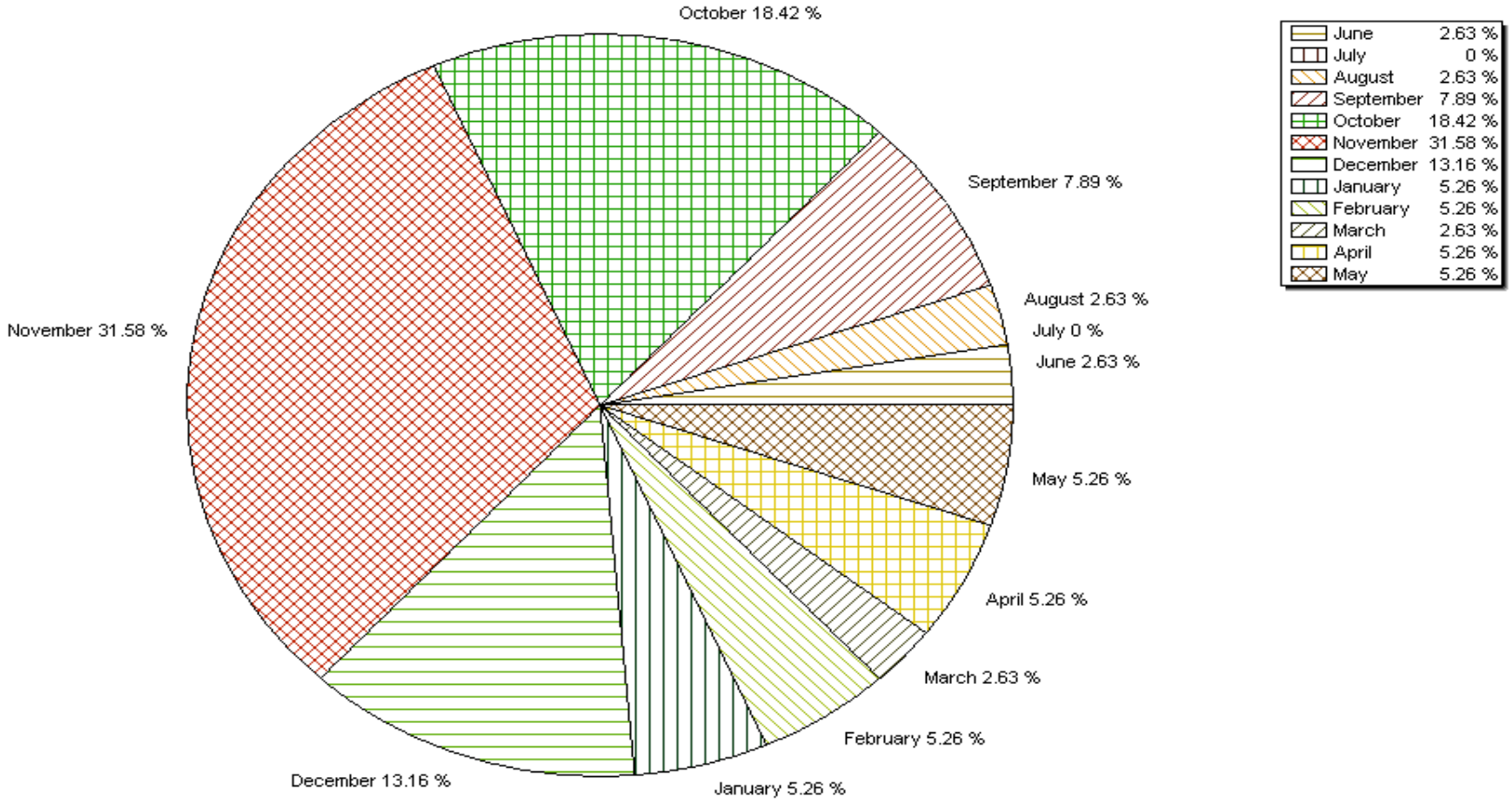


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2016

Station Name : KUDLUR (CCK00L9)
Local River : Palar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



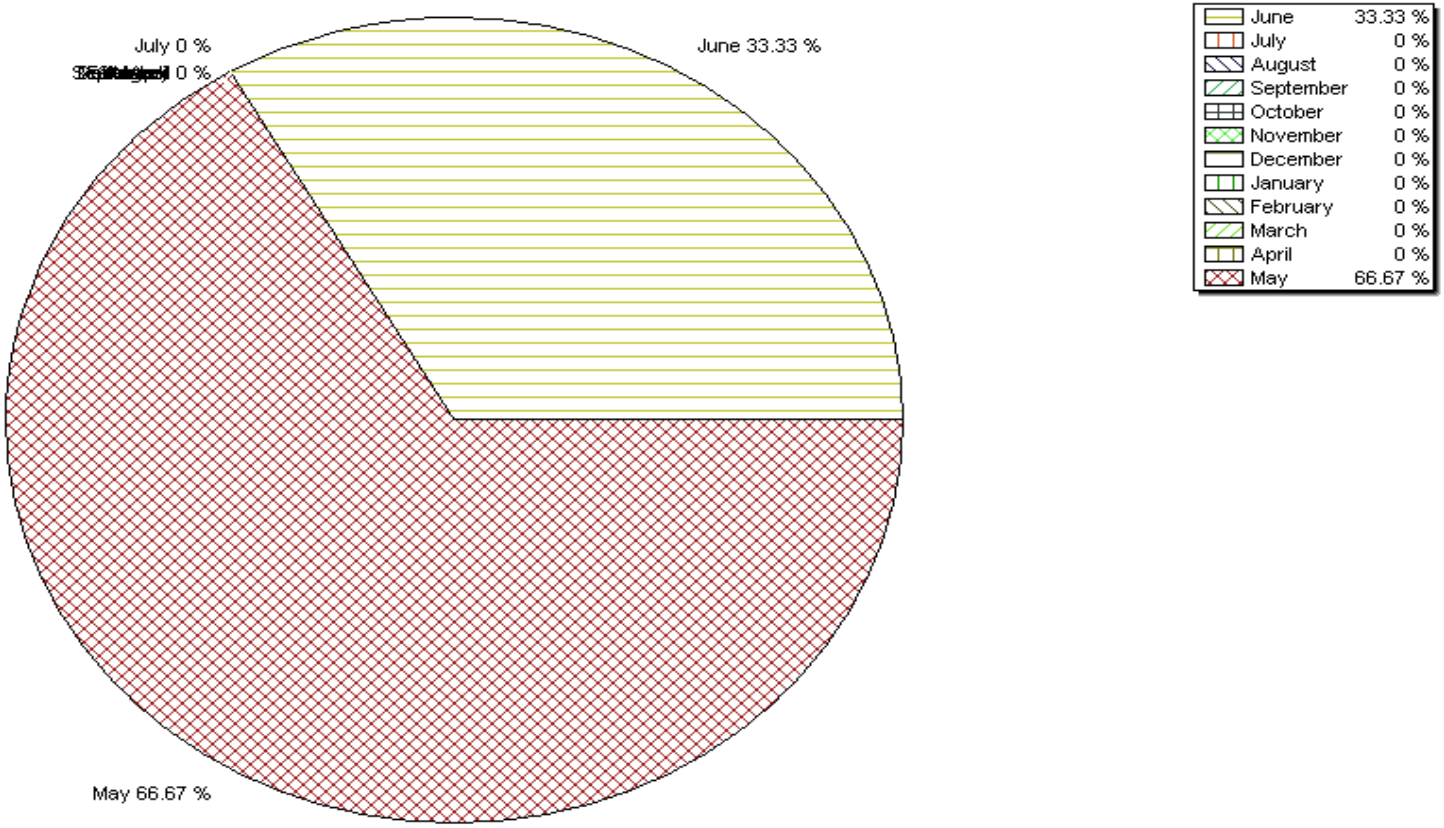
Monthly Runoff for the Year : 2016-2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



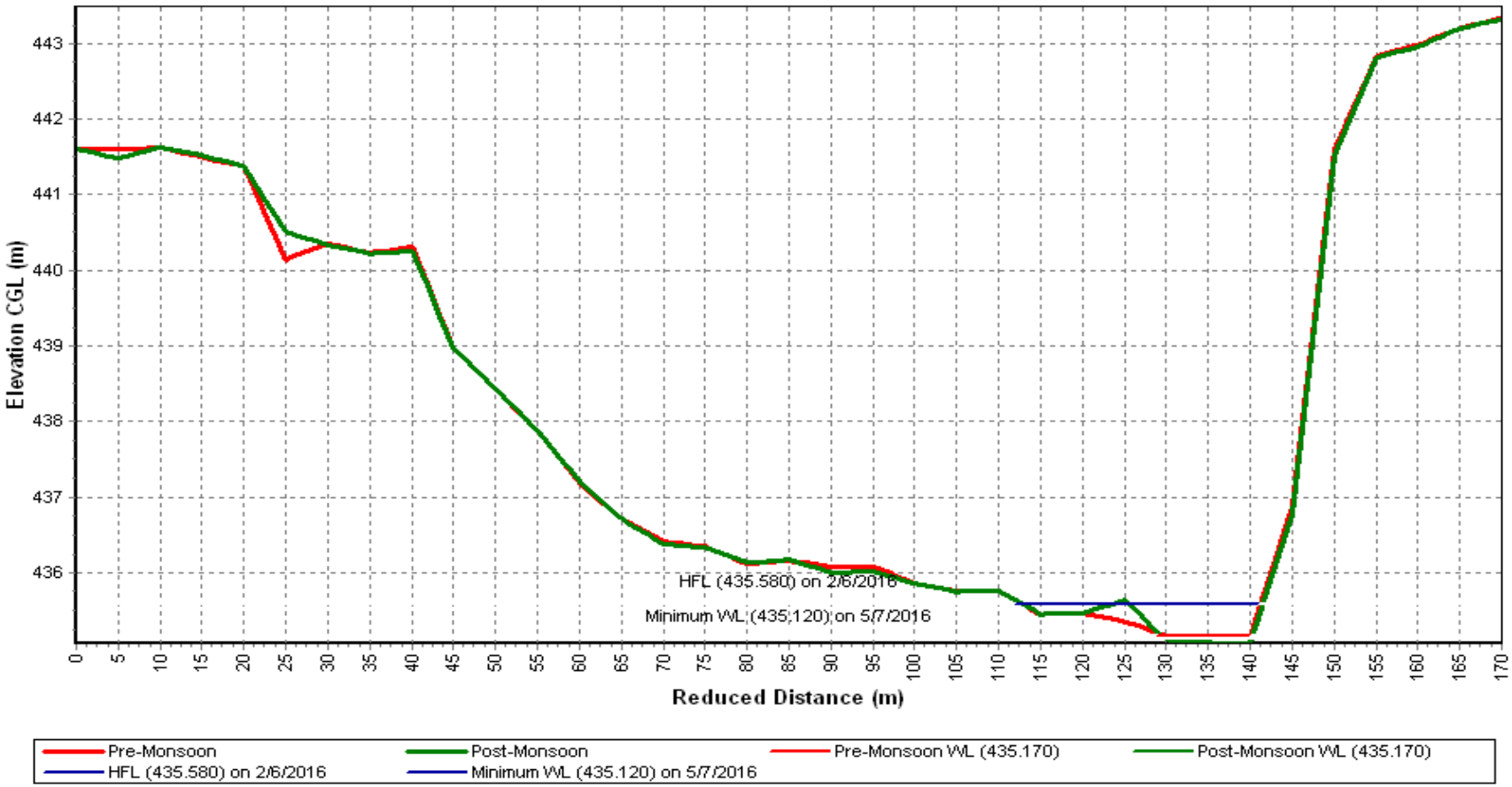
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



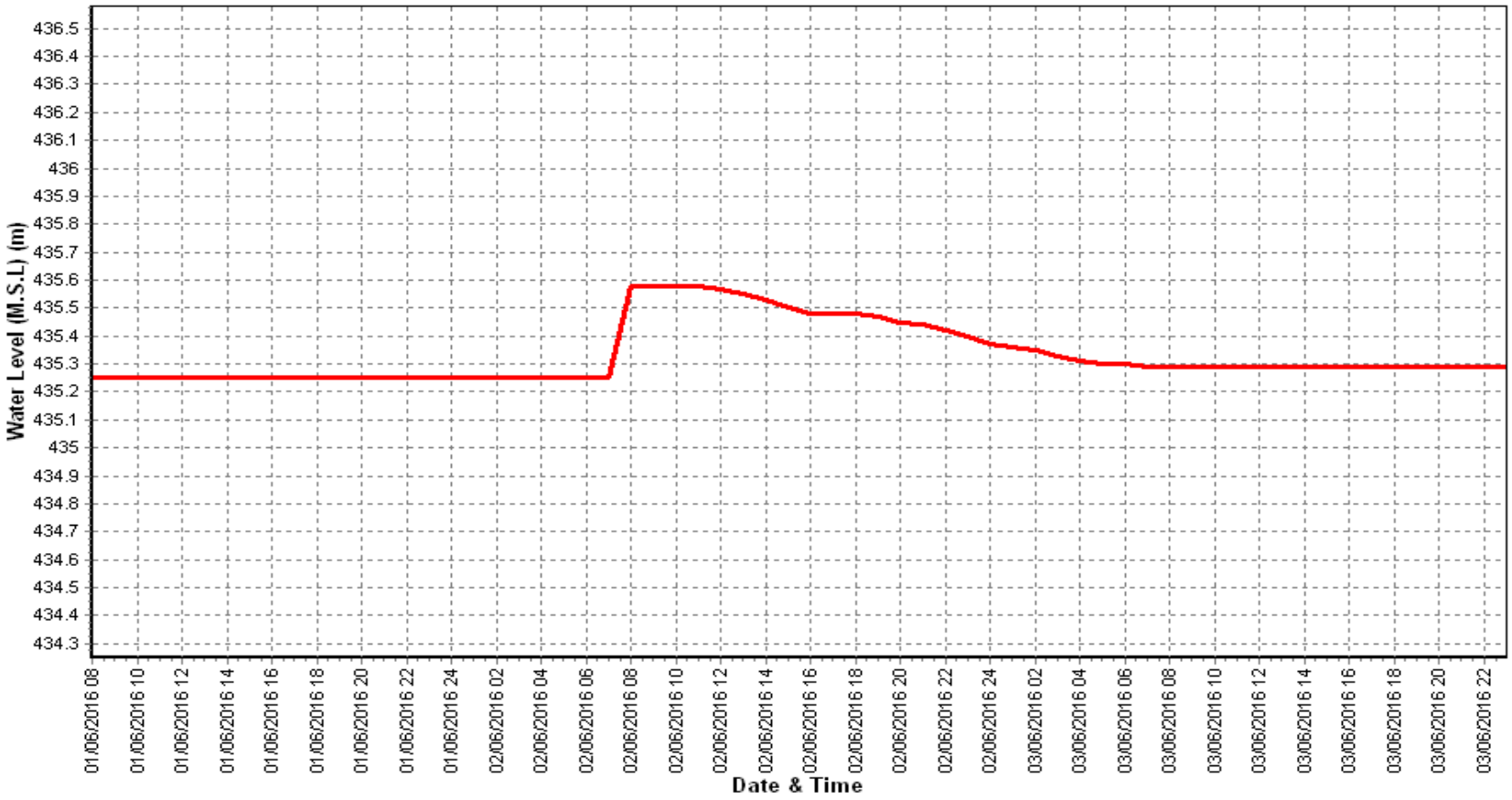
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

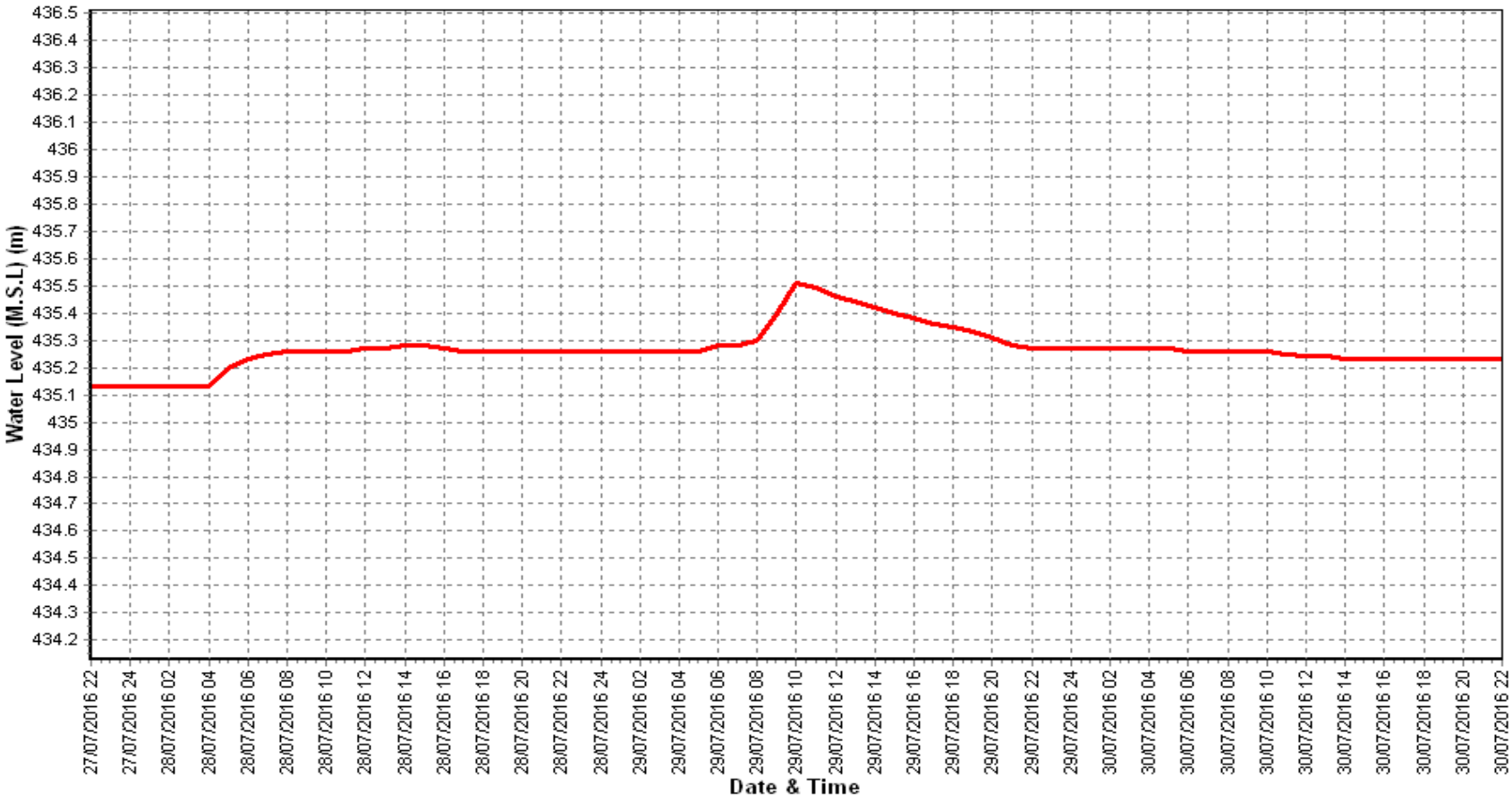


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

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

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

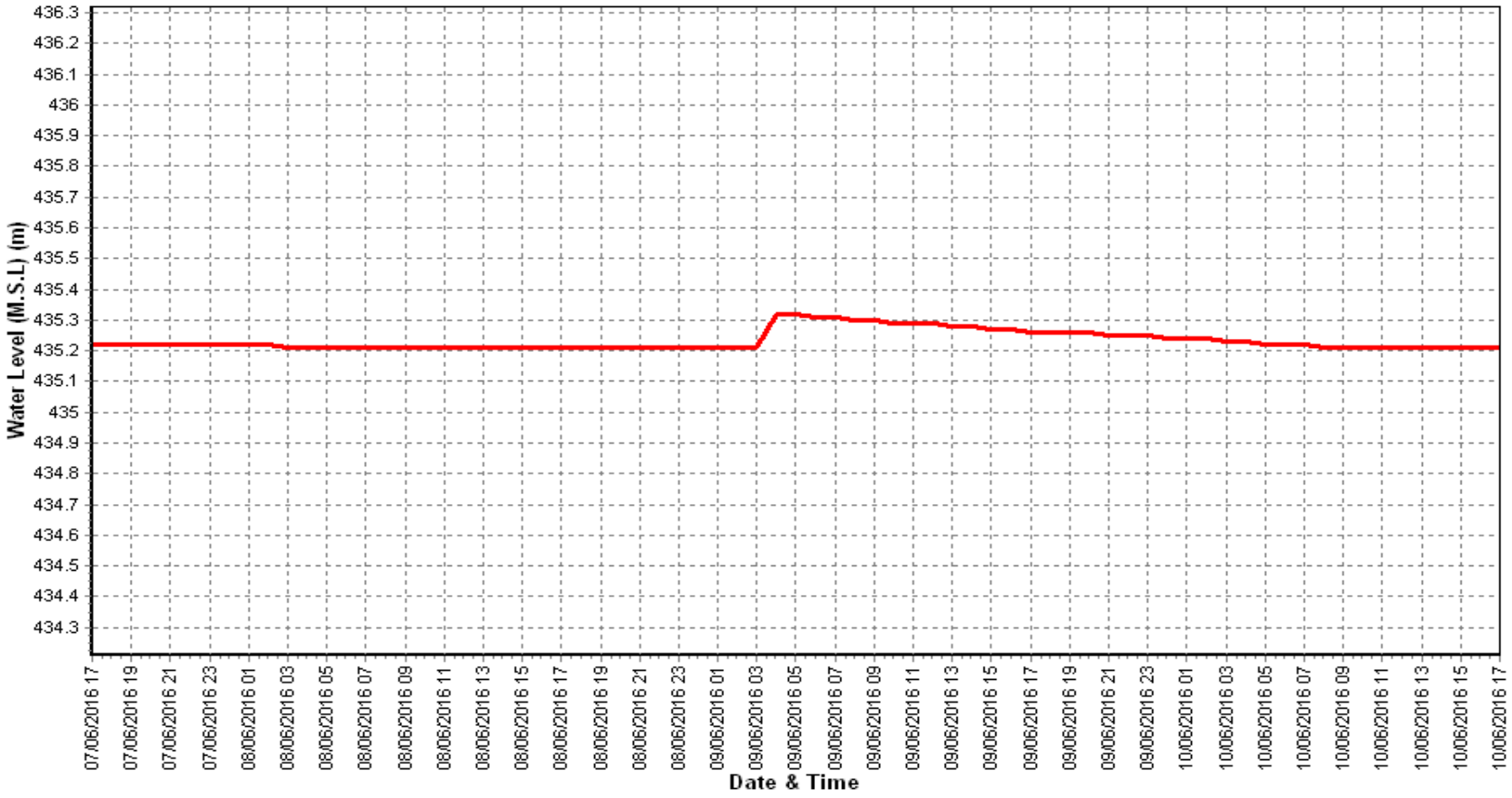


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**:**	**2016-2017**
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)	:	252.000 (m.s.l)	05/10/1996		
		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	01/06/1997
1998-1999	24.53	253.670	21/08/1998	0.000	Dry Bed	01/06/1998
1999-2000	112.2	255.850	29/10/1999	0.000	Dry Bed	01/06/1999
2000-2001	122.6	255.075	06/10/2000	0.000	Dry Bed	01/06/2000
2001-2002	21.89	253.260	28/10/2001	0.000	Dry Bed	01/06/2001
2002-2003	31.95	253.650	28/10/2002	0.000	Dry Bed	01/06/2002
2003-2004	61.52	253.600	28/05/2004	0.000	Dry Bed	01/06/2003
2004-2005	71.47	255.000	17/10/2004	0.000	Dry Bed	03/06/2004
2005-2006	251.4	256.350	24/10/2005	0.000	Dry Bed	12/06/2005
2006-2007	2.599	252.595	21/11/2006	0.000	Dry Bed	21/07/2006
2007-2008	7.804	252.550	25/08/2007	0.000	Dry Bed	01/06/2007
2008-2009	14.03	253.570	28/08/2008	0.000	Dry Bed	01/06/2008
2009-2010	0.743	252.430	14/04/2010	0.000	Dry Bed	21/06/2009
2010-2011	19.04	252.950	08/11/2010	0.000	Dry Bed	01/06/2010
2011-2012	3.348	252.510	04/11/2011	0.000	Dry Bed	13/07/2011
2012-2013	2.576	252.520	15/10/2012	0.000	Dry Bed	01/06/2012
2013-2014	24.24	253.100	09/10/2013	0.000	252.240	02/06/2013
2014-2015	120.3	254.250	27/10/2014	0.000	Dry Bed	01/06/2014
2015-2016	40.14	253.400	10/11/2015	0.000	Dry Bed	01/06/2015

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

Stage-Discharge Data for the period 2016 - 2017

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
2		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
4		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
6		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
8		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
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		0.000
30		0.000		0.000		0.000		0.000		0.000		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		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.		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
Mean		0		0		0		0		0		0

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

Peak Observed Discharge = 0.000 cumecs on 01/06/2016

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016

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 2016 - 2017

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		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
3		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
5		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
7		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
9		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		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.		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
Mean		0		0		0		0		0		0

Q: Observed/Computed Discharge in cumecs

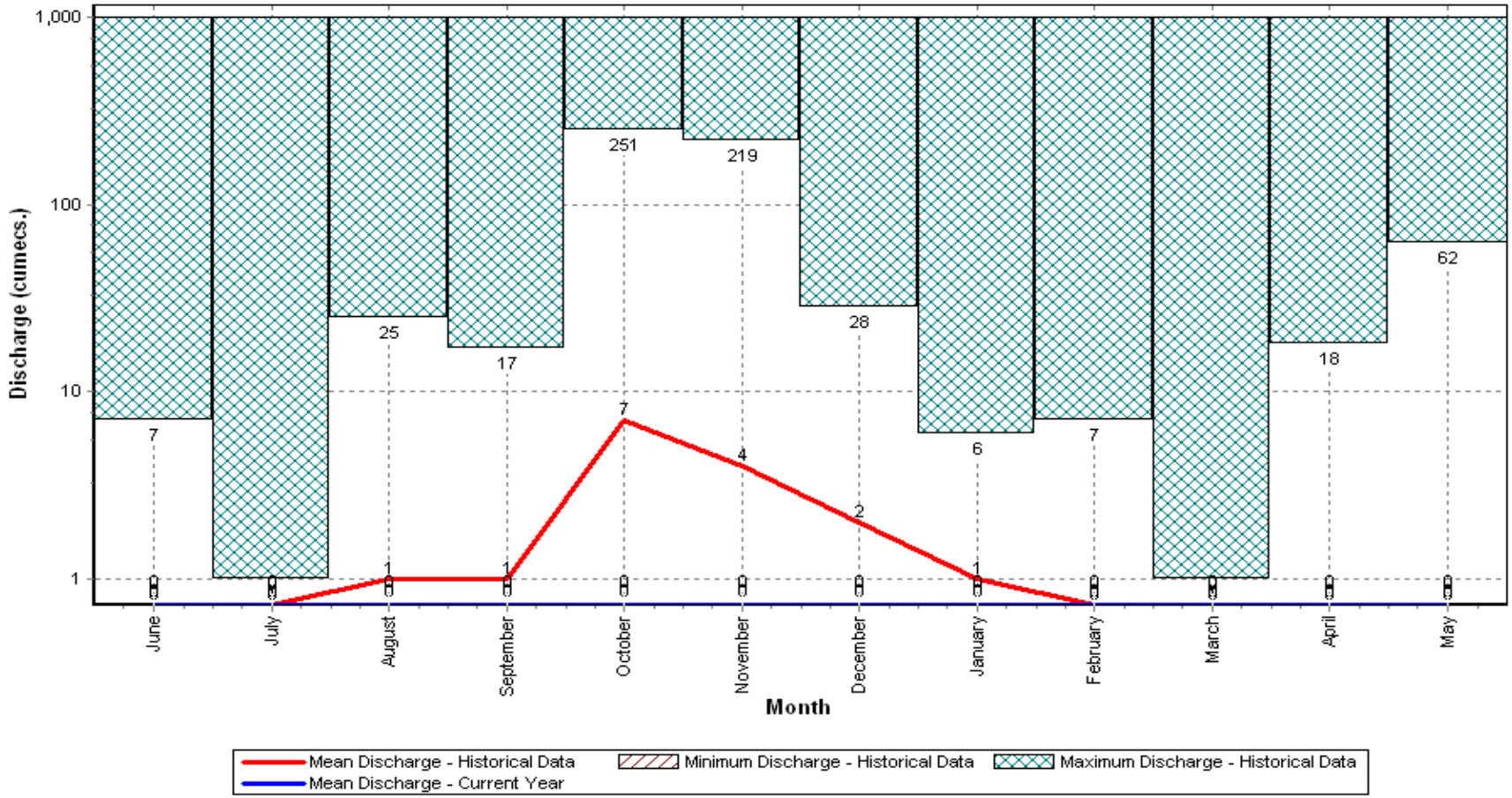
WL:Corresponding Mean Water Level(m.s.l) in m

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : Hogenakkal (CCS00A9) **Data considered : 1997-2017** **Division : Cauvery Division, Bangalore**

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



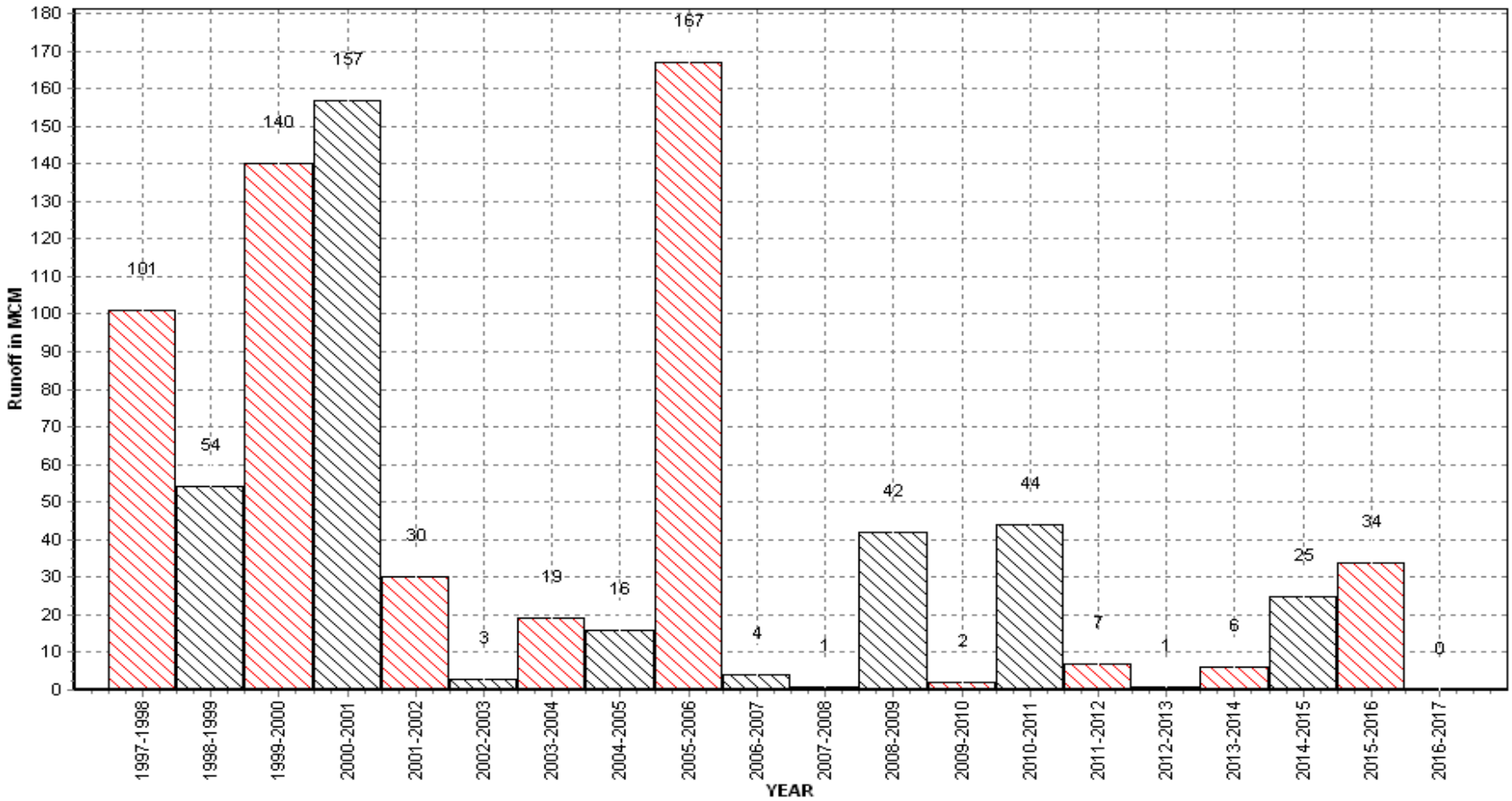
Annual Runoff Values for the period: 1997 - 2017

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

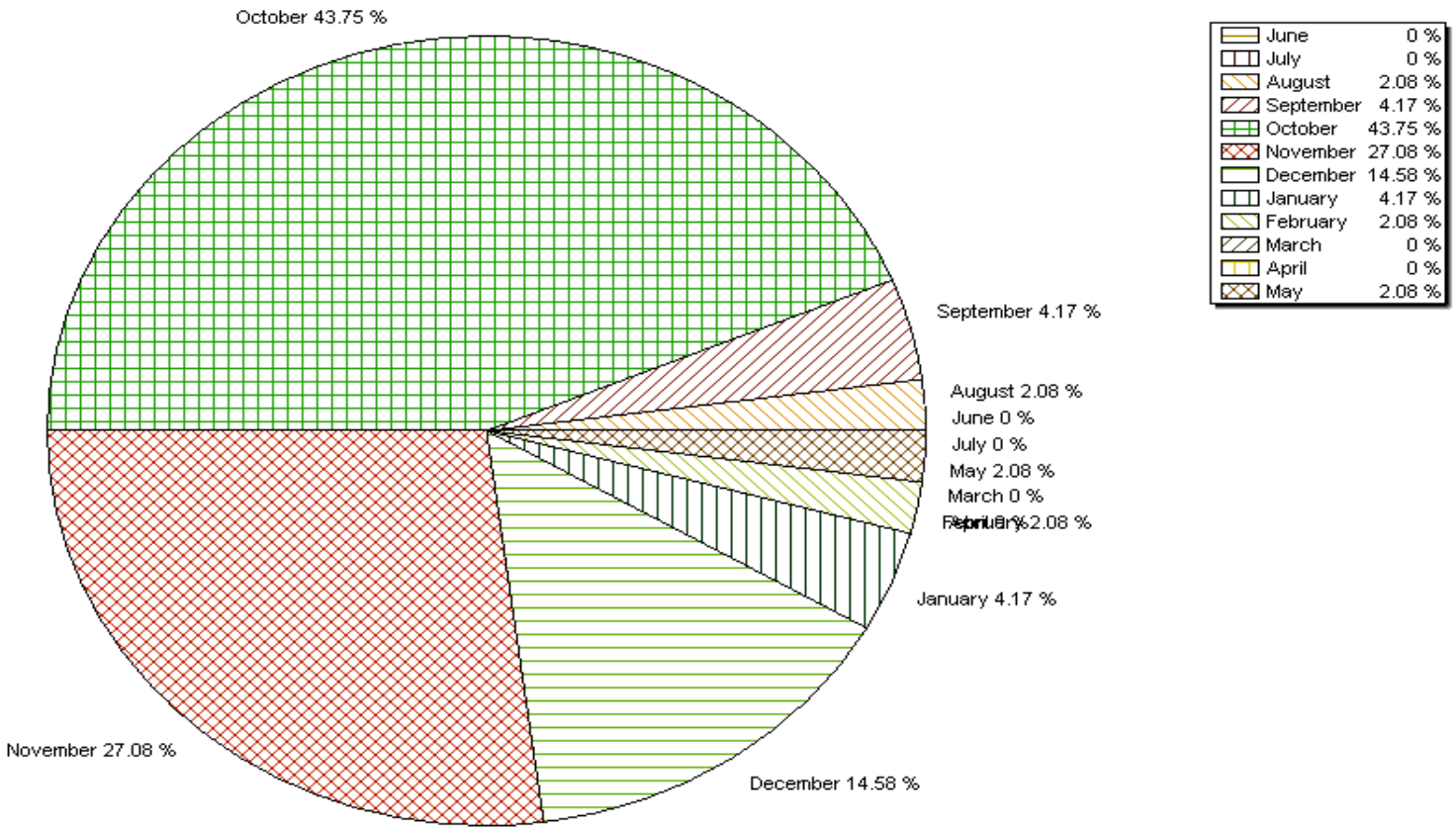


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1997-2016

Station Name : Hogenakkal (CCS00A9)
Local River : Chinnar

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



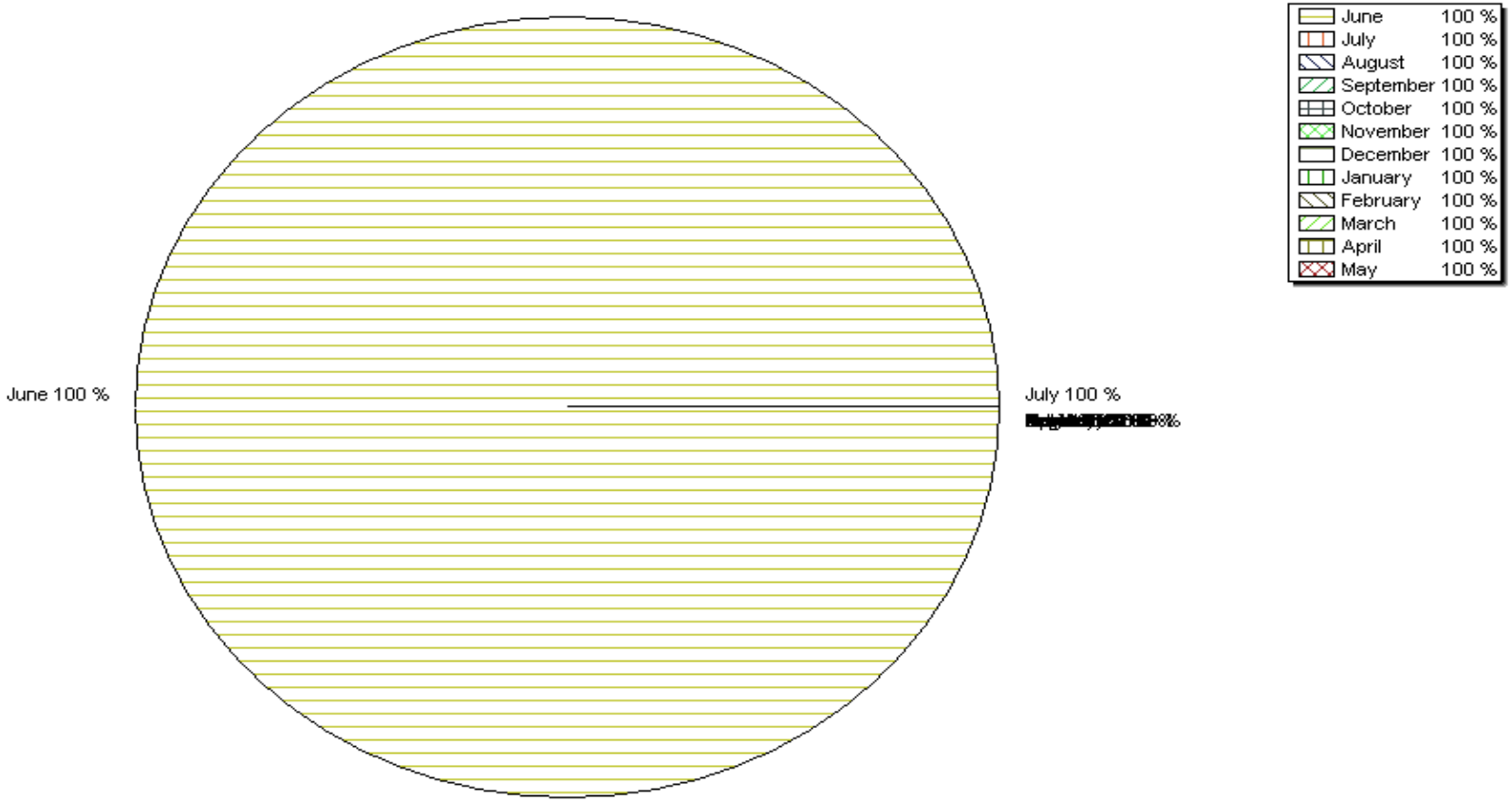
Monthly Runoff for the Year : 2016-2017

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

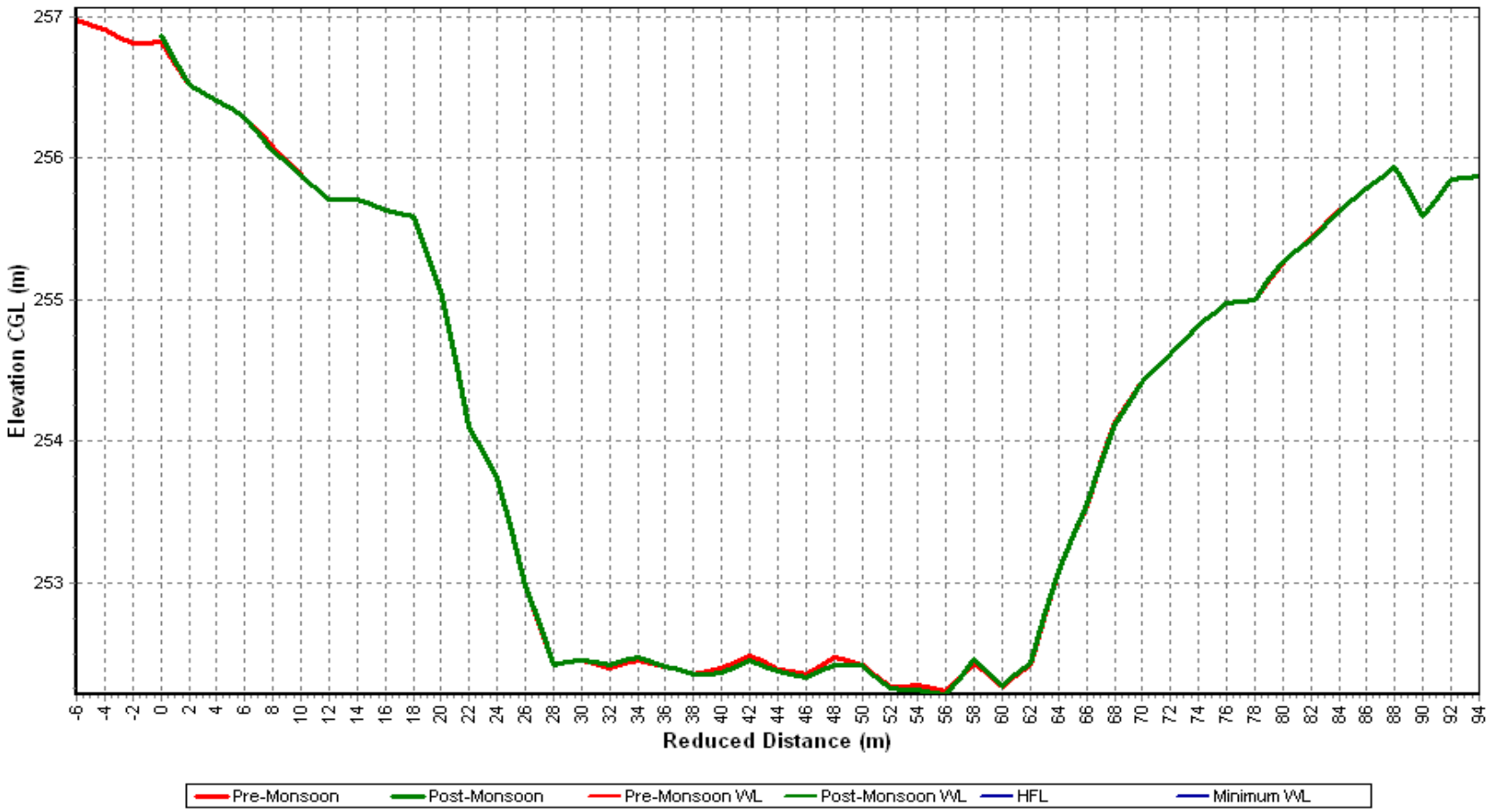
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

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

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



HISTORY SHEET

		Water Year	**: 2016-2017**
Site	**: Biligundulu**	**Code**	**: CC000N7**
State	: Tamil Nadu	District	Krishnagiri
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)	: 255.000 (m.s.l)	01/07/1971	
	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

Q:Observed /Computed Discharge
W :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**
1991-1992	6688	265.560	30/07/1991	39.65	257.877	08/03/1992
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

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

Stage-Discharge Data for the period 2016 - 2017

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	257.650	10.37	258.070	61.30	258.510	155.0	259.130	396.8	257.910	38.15	258.170	67.60
2	257.640	9.644	257.990	49.47	258.415	133.4	258.780	216.9	257.880	34.31	258.050	44.15
3	257.670	10.90	257.990	47.12 *	258.375	122.8	258.510	152.2	257.920	40.97	258.030	43.56
4	257.900	37.27	258.300	105.8	258.310	104.9	258.360	119.5 *	257.910	38.30	257.970	37.61
5	258.010	50.16 *	258.370	124.3	258.260	86.43	258.360	119.5 *	258.050	43.72	257.870	29.32
6	257.950	46.80	258.290	103.2	258.220	73.20	258.300	100.7	257.865	29.24	257.880	30.51
7	257.800	28.87	258.310	107.7 *	258.280	100.9 *	258.280	92.12	257.820	22.95	257.890	34.58
8	257.715	16.14	258.380	126.7	258.270	89.08	258.290	95.51	258.330	113.9	257.860	30.38
9	257.700	15.62	258.500	148.1	258.365	117.8	259.265	434.0	258.550	171.5	257.860	30.36
10	257.690	13.69	258.500	155.9 *	258.270	89.16	259.350	470.2	258.800	258.5	257.830	29.26
11	257.670	10.97	258.505	150.5	258.260	86.62	259.330	459.1	258.950	315.4	257.810	27.52
12	257.640	9.711 *	258.530	166.2	258.305	102.1	259.340	463.4	258.760	250.2	257.810	27.12
13	257.670	10.88	258.565	172.2	258.275	90.10	259.340	463.6	258.580	171.4	257.800	26.39
14	257.650	10.20	258.465	140.6	258.330	112.3 *	259.140	399.2	258.460	136.6	257.820	28.15
15	257.670	9.657	258.750	257.3	258.370	121.9 *	259.150	398.5	258.780	256.9	257.900	34.76
16	257.630	8.112	259.150	402.4	258.340	112.3	259.015	352.3	258.320	111.0	258.080	67.18
17	257.630	7.854	258.890	284.5 *	258.415	130.6	258.980	337.9	258.200	72.69	258.110	70.57
18	257.900	36.35	258.810	272.8	258.400	127.1	258.970	333.5	258.150	61.08	258.110	71.31
19	258.030	53.29 *	258.780	256.4	258.435	135.7	258.880	290.4	257.920	39.53	258.080	67.18
20	258.090	63.79	258.760	250.5	258.505	153.7	258.830	272.7	257.980	48.25	257.980	45.64 *
21	258.125	74.13	258.610	199.9	258.750	233.7 *	258.600	189.8	257.940	41.77	257.850	29.45
22	258.000	51.66	258.530	162.1	258.840	275.8	258.180	77.93	257.900	36.90	257.850	29.28
23	258.030	53.96	258.570	174.4	258.825	270.0	258.160	77.36	257.870	30.37	257.770	22.20
24	258.005	51.80	258.580	179.0 *	258.800	263.2	257.960	46.31	257.820	17.87	257.770	22.55
25	257.960	47.62	258.540	165.3	258.845	277.5	257.875	37.69	257.810	21.59	257.740	19.02
26	258.000	48.63 *	258.580	176.5	258.700	215.6	257.910	38.42	257.760	15.34	257.720	15.80
27	257.990	49.65	258.550	164.7	258.630	195.7	257.860	31.44	257.750	14.75	257.720	15.97
28	257.960	46.37	258.570	171.0	258.625	192.8 *	257.910	38.61	257.740	14.94	257.785	23.23
29	257.850	33.56	258.605	184.5	258.680	209.6	257.920	40.49	257.740	17.42 *	257.850	29.45
30	257.730	18.44	258.670	206.6	258.670	205.9	257.910	38.34	257.740	17.42 *	257.800	26.44
31			258.710	220.2 *	258.680	210.1			257.930	40.43		
Ten-Daily Mean												
I Ten-Daily	257.773	23.95	258.270	103.0	258.328	107.3	258.663	219.7	258.104	79.16	257.941	37.73
II Ten-Daily	257.758	22.08	258.721	235.3	258.363	117.2	259.098	377.1	258.410	146.3	257.950	46.58
III Ten-Daily	257.965	47.58	258.592	182.2	258.731	231.8	258.029	61.64	257.818	24.43	257.785	23.34
Monthly												
Min.	257.630	7.854	257.990	47.12	258.220	73.20	257.860	31.44	257.740	14.75	257.720	15.80
Max.	258.125	74.13	259.150	402.4	258.845	277.5	259.350	470.2	258.950	315.4	258.170	71.31
Mean	257.832	31.2	258.530	173.8	258.482	154.7	258.596	219.5	258.101	81.4	257.892	35.88

Annual Runoff in MCM = 1973 Annual Runoff in mm = 54

Peak Observed Discharge = 470.2 cumecs on 10/09/2016 Corres. Water Level :259.35 m

Lowest Observed Discharge = 0.560 cumecs on 21/04/2017 Corres. Water Level :257.4 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 2016 - 2017

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	257.800	27.28	257.680	10.64	257.560	3.950	257.450	1.868	257.440	1.646	257.460	2.421
2	257.850	29.29	257.730	14.23	257.560	4.074	257.440	1.683	257.440	1.459 *	257.460	1.889
3	257.820	28.04	257.660	8.216	257.570	4.261	257.450	1.869	257.450	1.780	257.480	2.647
4	257.830	29.14	257.680	10.39	257.540	3.958	257.450	1.860	257.450	1.785	257.470	2.142
5	257.840	34.45	257.670	10.17	257.540	3.921	257.440	1.459 *	257.450	1.778	257.460	1.894
6	257.740	16.55	257.600	7.229 *	257.540	3.981	257.435	1.433	257.430	1.253	257.470	2.145
7	257.740	17.02	257.650	6.559	257.550	4.084	257.440	1.668	257.430	1.329	257.480	2.365 *
8	257.730	15.20	257.680	7.645	257.530	3.861	257.490	2.849	257.430	1.343	257.500	3.200
9	257.680	10.88	257.680	10.48	257.530	3.791	257.450	1.668 *	257.430	1.263 *	257.500	3.158
10	257.660	8.413	257.680	10.37	257.520	3.654	257.450	1.780	257.420	1.018	257.570	5.082 *
11	257.650	7.953	257.660	8.327	257.510	3.513	257.460	1.968	257.420	1.004	257.520	3.534
12	257.650	7.532	257.650	7.207	257.510	3.510	257.660	8.382	257.420	1.012	257.520	3.535
13	257.660	8.359	257.650	7.283	257.500	3.277	257.700	11.02	257.420	0.817	257.550	3.890
14	257.670	8.890	257.660	8.009 *	257.510	3.510	257.650	7.680	257.420	1.080 *	257.530	3.762 *
15	257.710	13.01	257.660	8.107	257.500	3.239	257.650	7.747	257.430	1.296	257.500	3.209
16	257.880	32.31	257.660	8.563	257.570	4.139	257.610	6.756	257.420	1.080 *	257.470	2.736
17	257.920	37.32	257.640	6.532	257.560	4.027	257.600	6.179	257.420	0.853	257.490	2.925
18	257.950	42.11	257.640	6.613	257.550	3.990	257.570	4.219	257.420	0.856	257.470	2.201
19	257.900	35.00	257.650	7.429	257.530	3.862	257.540	3.834	257.410	0.667	257.470	2.194
20	257.830	29.21	257.650	7.455	257.530	3.774	257.540	3.834	257.410	0.686	257.680	9.807
21	257.810	27.47	257.670	8.908	257.530	3.780	257.520	3.530	257.400	0.560	257.900	22.21 *
22	257.850	29.54	257.650	7.421	257.520	3.600	257.500	3.249	257.460	1.842	257.670	9.240
23	257.795	25.88	257.640	5.845	257.500	3.235	257.520	3.576	257.460	1.888 *	257.620	7.568
24	257.790	25.47	257.640	5.758	257.500	2.889 *	257.530	3.881	257.440	1.592	257.810	31.06
25	257.720	13.05	257.595	4.765	257.500	3.227	257.500	3.284	257.460	1.940	257.800	29.54
26	257.750	17.35	257.590	5.807 *	257.500	3.218	257.480	2.365 *	257.490	2.644	257.940	40.99
27	257.720	13.30	257.580	4.430	257.485	2.735	257.480	2.652	257.480	3.055	258.020	55.17
28	257.700	11.09	257.560	4.128	257.450	1.253	257.470	2.307	257.480	2.633	257.960	43.31
29	257.700	12.10	257.580	5.438 #			257.470	2.257	257.470	2.152	257.960	43.31
30	257.730	14.81	257.600	5.529			257.460	1.933	257.470	2.120 *	257.860	31.24
31	257.700	11.02	257.580	4.268			257.440	1.680			257.800	30.06
Ten-Daily Mean												
I Ten-Daily	257.769	21.63	257.671	9.594	257.544	3.953	257.449	1.814	257.437	1.465	257.485	2.694
II Ten-Daily	257.782	22.17	257.652	7.553	257.527	3.684	257.598	6.162	257.419	0.935	257.520	3.779
III Ten-Daily	257.751	18.28	257.608	5.663	257.498	2.992	257.488	2.792	257.461	2.043	257.849	31.25
Monthly												
Min.	257.650	7.532	257.560	4.128	257.450	1.253	257.435	1.433	257.400	0.560	257.460	1.889
Max.	257.950	42.11	257.730	14.23	257.570	4.261	257.700	11.02	257.490	3.055	258.020	55.17
Mean	257.767	20.61	257.642	7.541	257.525	3.583	257.511	3.564	257.439	1.481	257.625	13.18

Peak Computed Discharge = 284.5 cumecs on 17/07/2016 **Corres. Water Level :258.89 m**

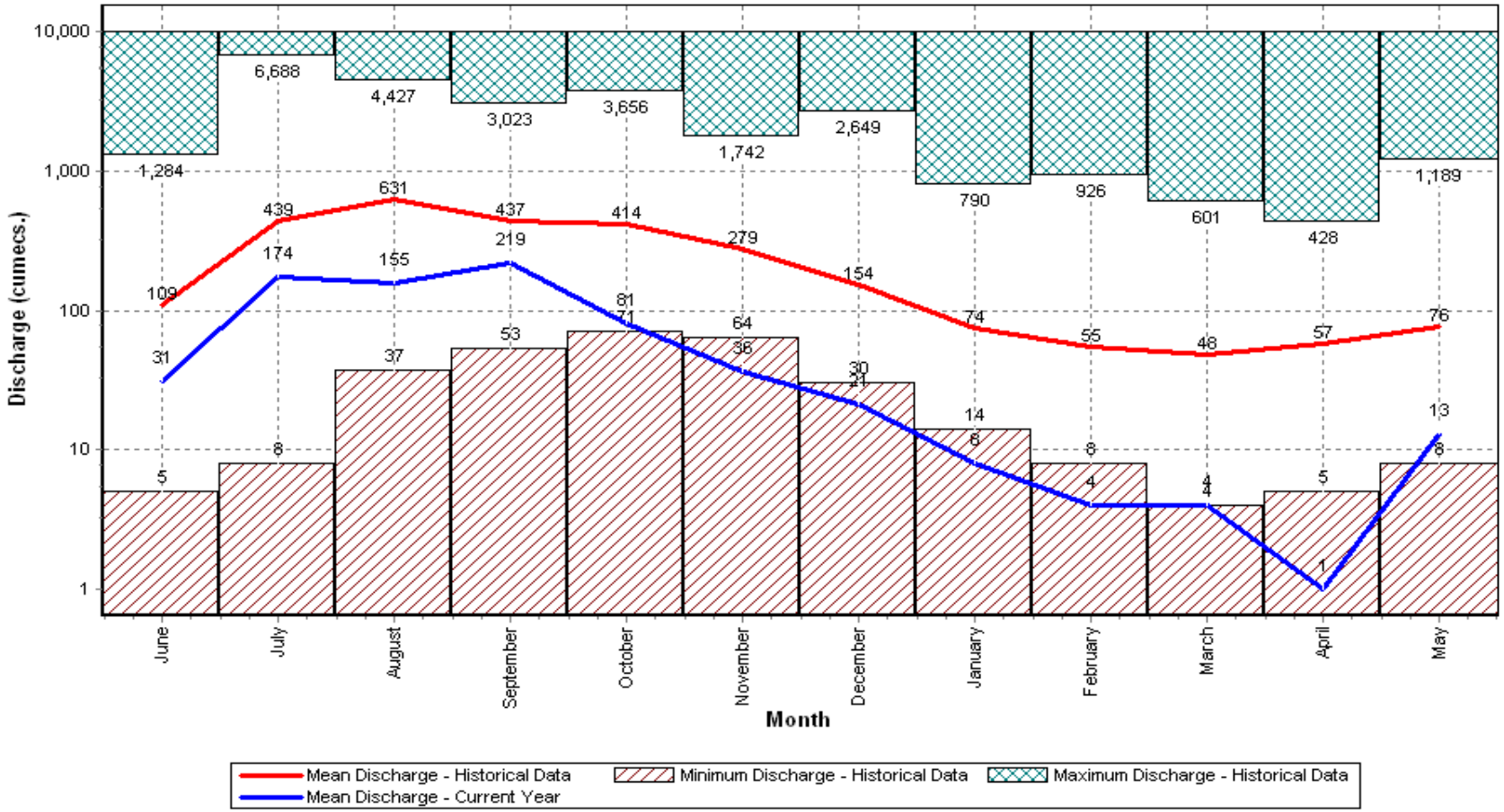
Lowest Computed Discharge = 1.080 cumecs on 14/04/2017 **Corres. Water Level :257.42 m**

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 : 2016-2017

Station Name : Biligundulu (CC000N7) **Data considered : 1972-2017** **Division : Cauvery Division, Bangalore**

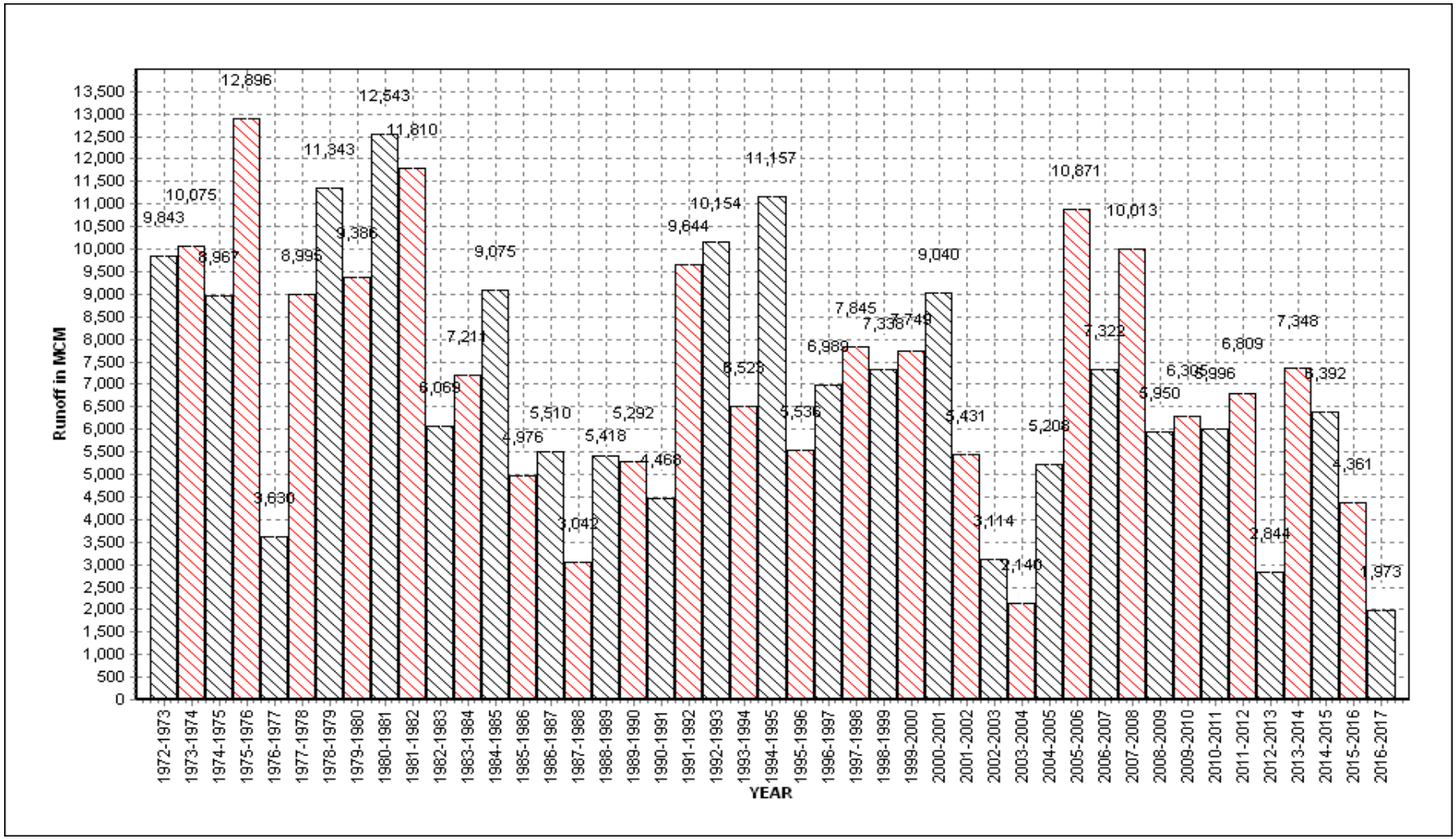
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1972 - 2017

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

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

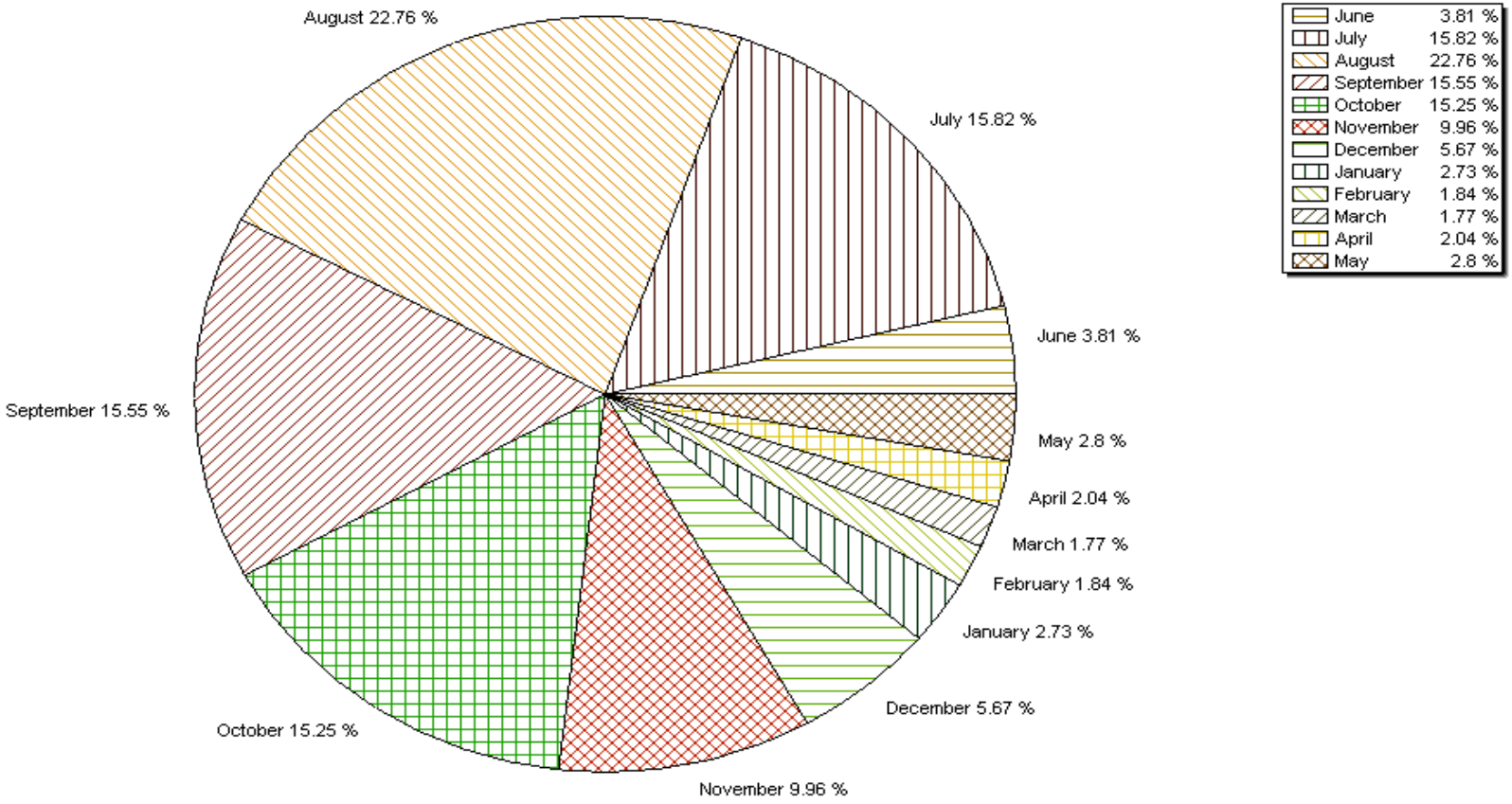


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1972-2016

Station Name : Biligundulu (CC000N7)
Local River : Cauvery

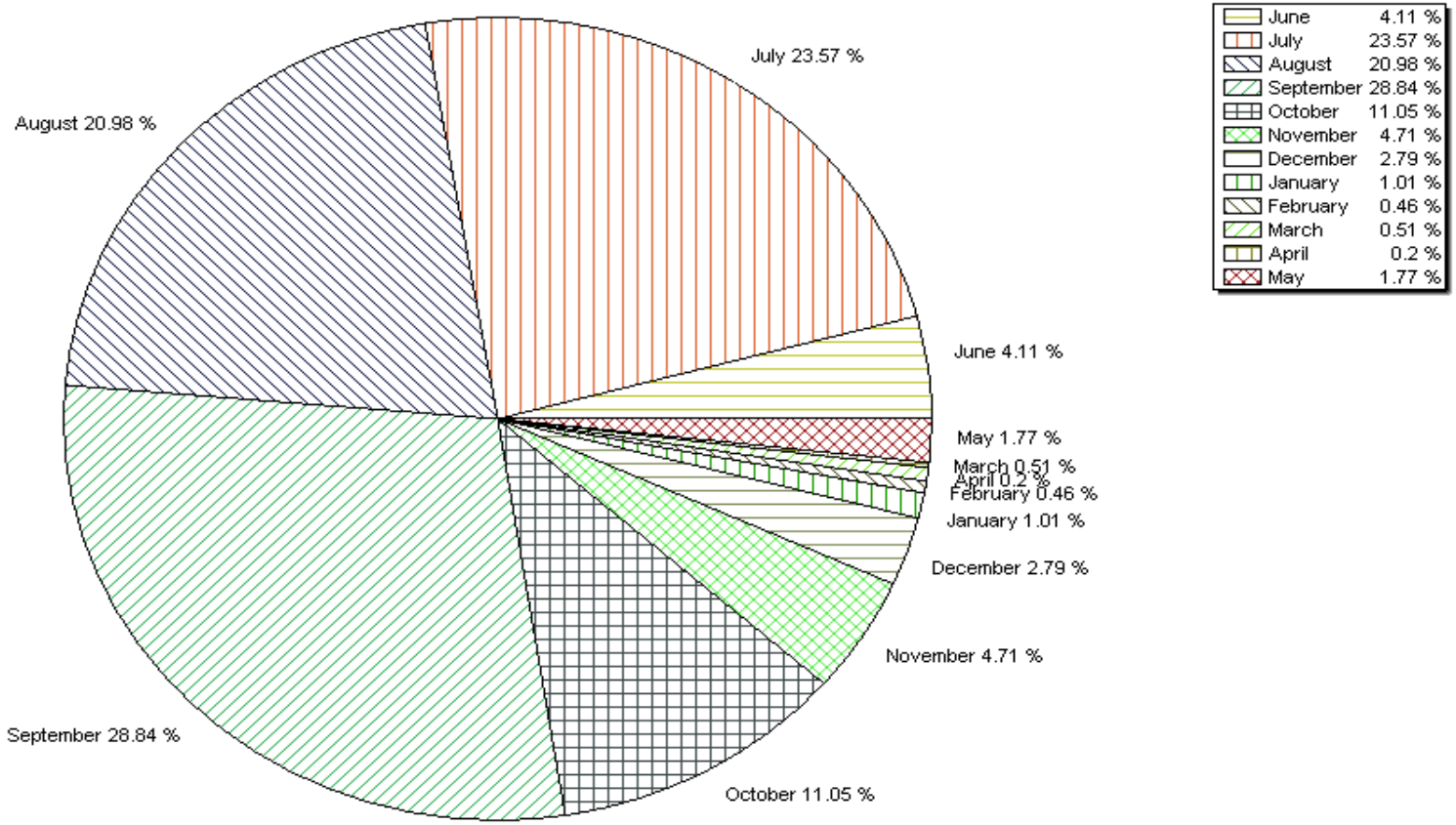
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : Biligundulu (CC000N7)
Local River : Cauvery

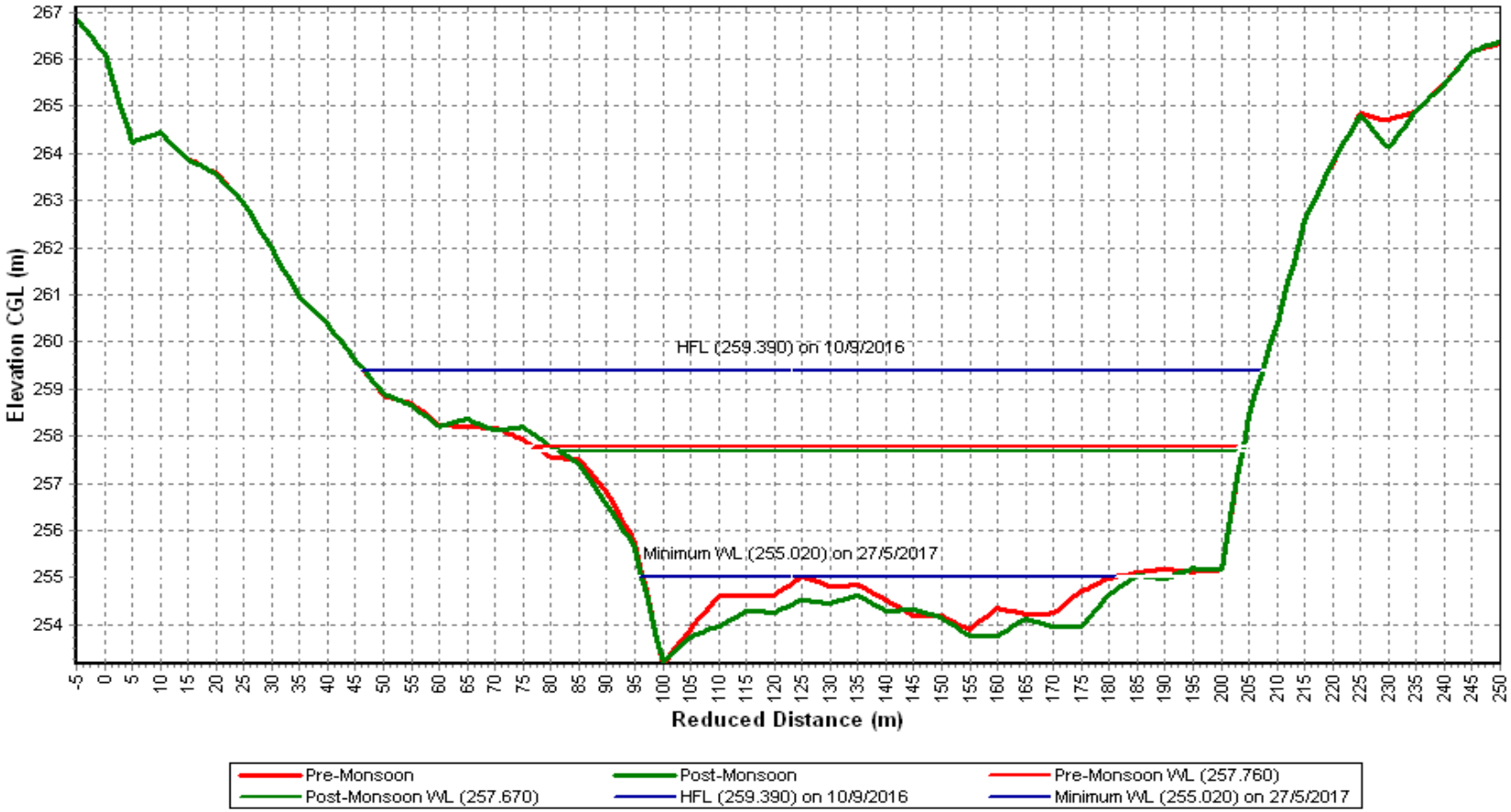
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

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



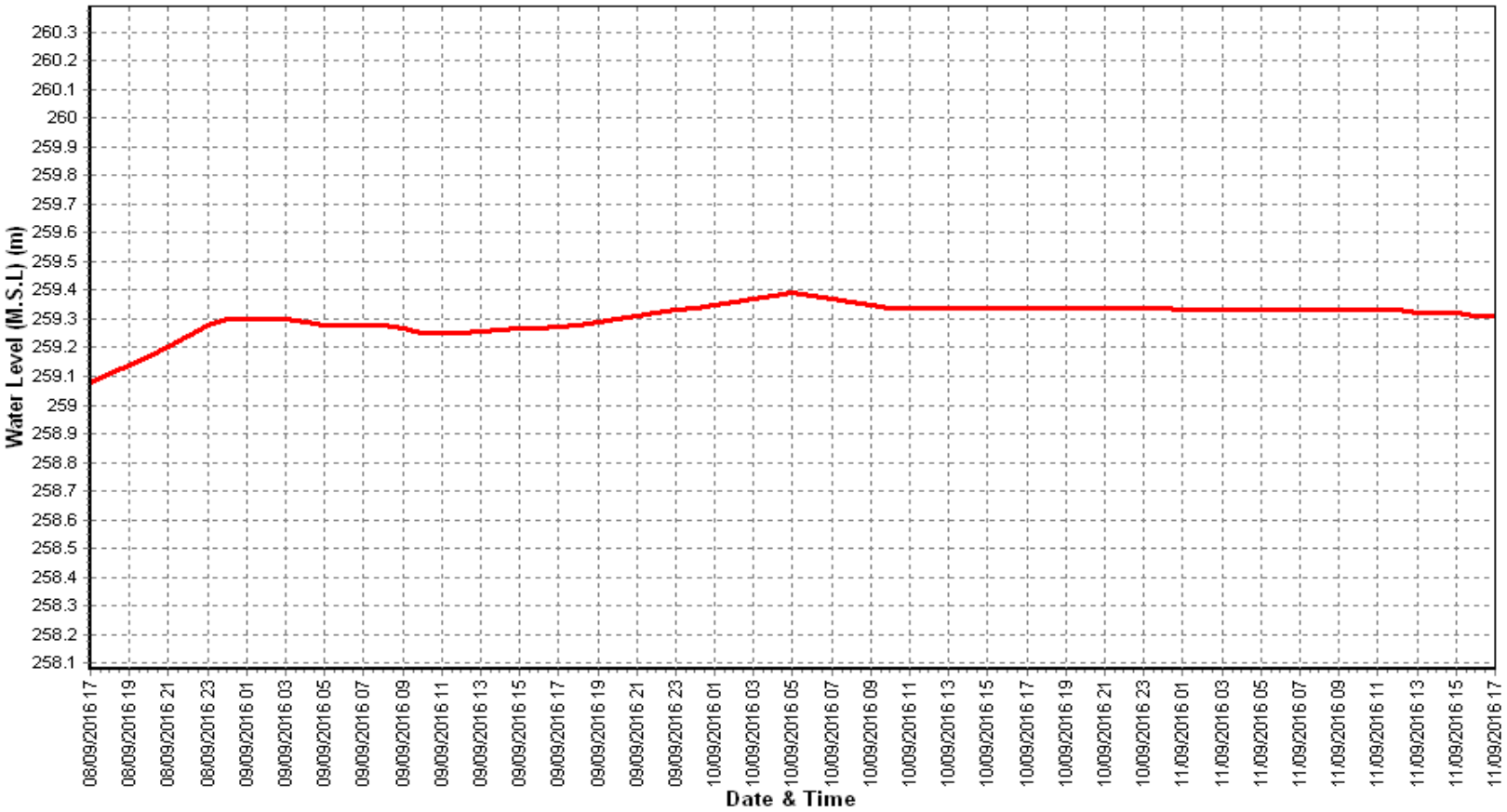
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

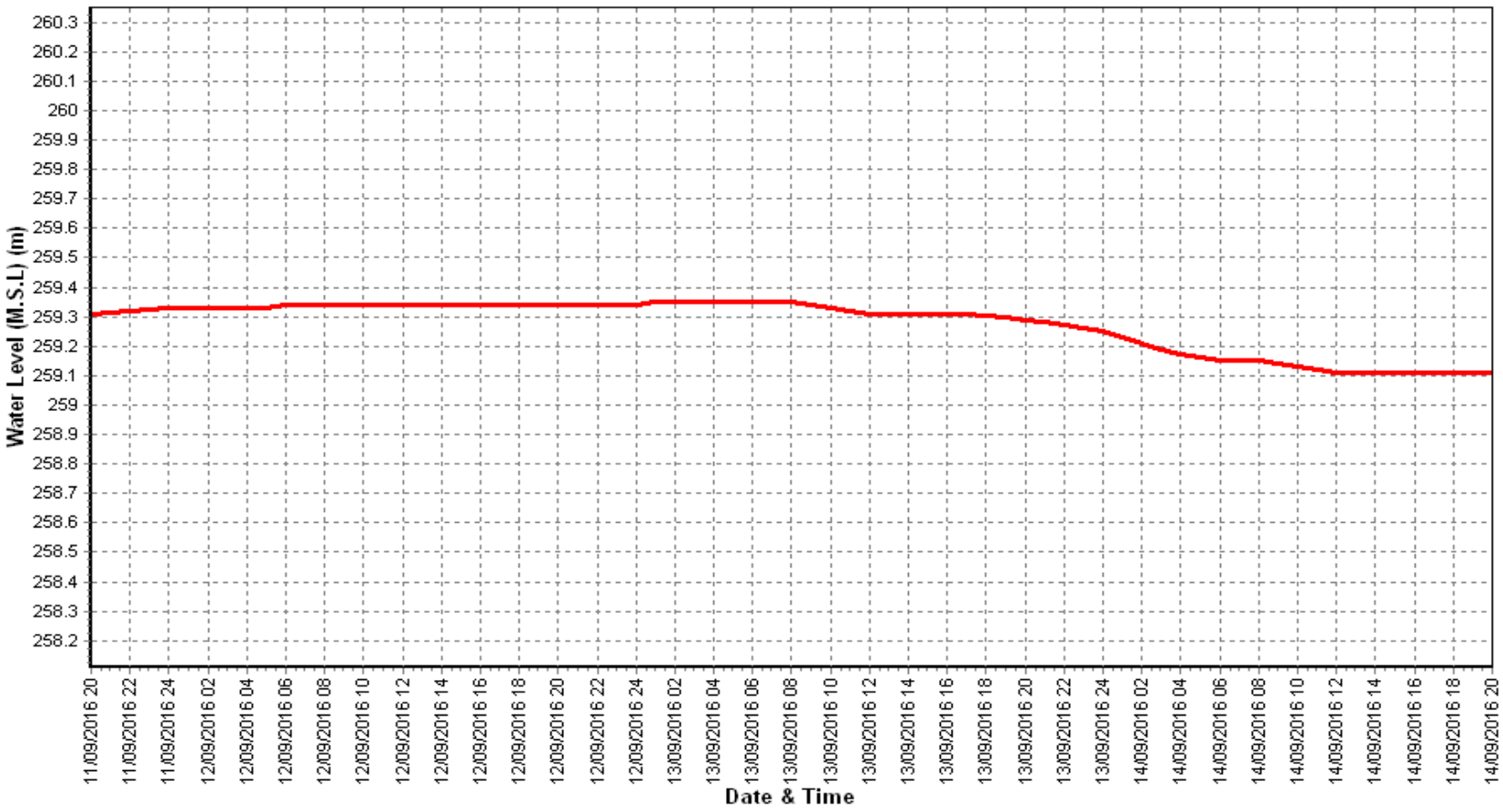


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Biligundulu (CC000N7) | **Division : Cauvery Division, Bangalore**

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

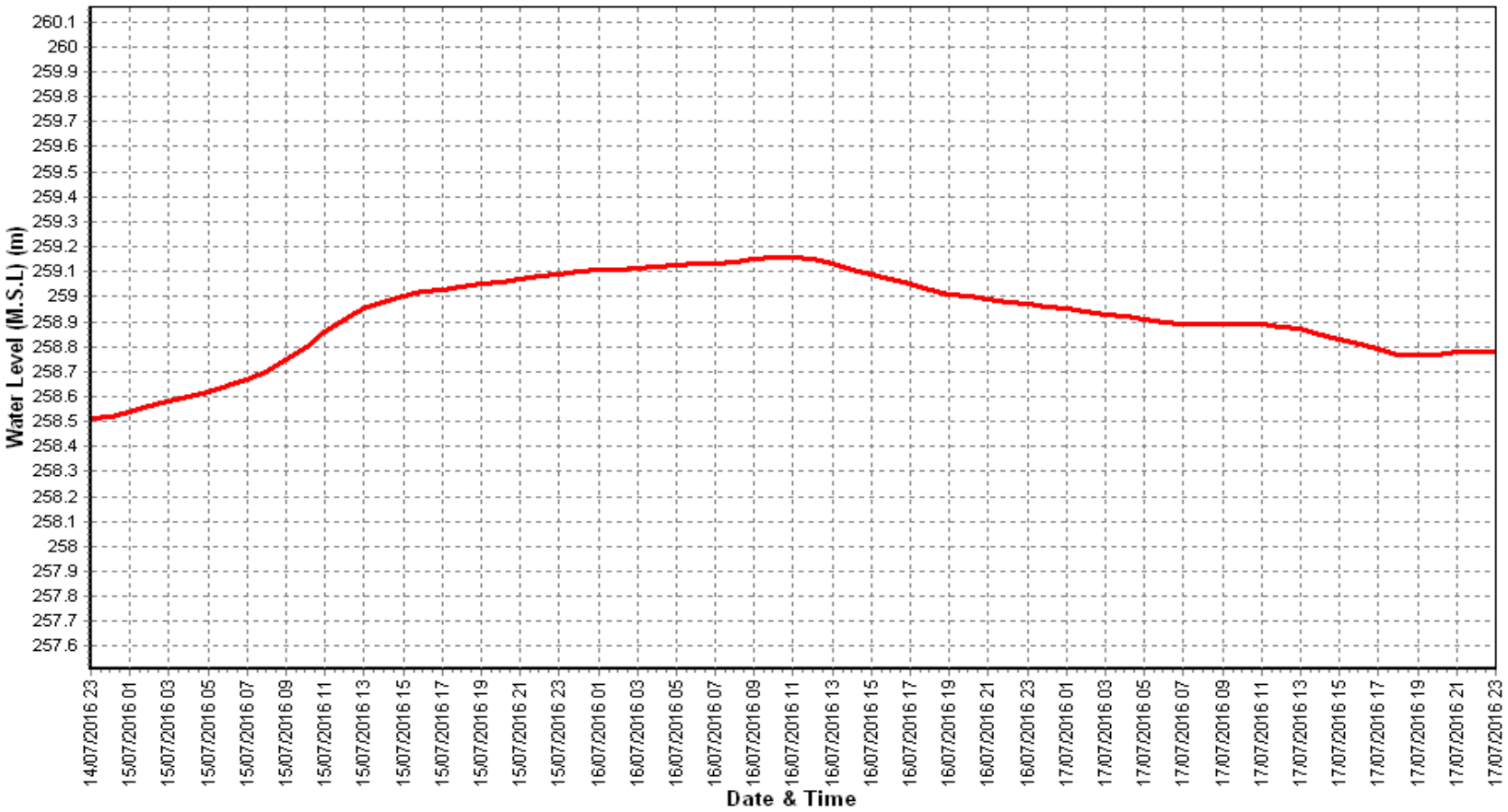


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	604.800	16.50 #	604.690	10.72 *	604.850	14.91	604.750	11.73	604.530	4.615	604.460	3.382
2	604.900	17.72	604.710	10.61	604.750	11.36	604.770	13.21 *	604.510	4.462 *	604.450	3.141
3	605.150	21.10	604.720	11.44 *	604.680	9.526	604.690	9.746	604.490	4.194	604.480	3.859
4	605.000	18.29	604.680	9.533	604.750	11.09	604.640	8.223 *	604.480	2.659	604.470	3.581
5	605.060	19.80 *	604.700	10.33	604.735	10.25	604.660	8.903 *	604.460	3.462	604.500	4.061
6	605.160	21.15	604.670	9.440	604.645	8.750	604.640	8.200	604.480	3.959	604.470	3.544 *
7	605.120	20.76	604.600	8.701 *	604.580	6.337 *	604.610	7.340	604.470	3.686	604.460	3.288
8	604.980	19.11	604.660	10.02 *	604.670	9.359	604.550	5.762	604.460	3.482	604.480	3.897
9	604.900	17.72	604.670	10.25 *	604.620	7.982	604.540	5.158	604.460	3.333 *	604.460	3.302
10	604.860	17.40	604.610	8.915 *	604.600	6.920	604.540	5.132	604.470	3.599	604.450	3.117
11	604.620	10.27	604.575	8.282 *	604.610	6.995	604.500	4.222 *	604.460	3.333 *	604.470	3.653
12	604.600	8.701 *	604.560	7.871 *	604.570	6.593	604.530	4.718	604.500	4.222 *	604.450	3.060
13	604.660	10.87	604.580	8.282 *	604.570	6.799	604.540	5.222 *	604.670	9.569	604.450	3.128 *
14	604.650	10.54	604.540	7.471 *	604.600	6.935 *	604.520	4.242	604.600	7.055	604.460	3.333 *
15	604.670	11.18	604.520	7.082 *	604.550	5.490 *	604.540	5.153	604.550	5.850	604.450	3.042
16	604.610	8.569	604.700	10.96 *	604.560	6.525	604.550	5.839	604.530	4.962 *	604.470	3.662
17	604.650	10.26	604.710	11.20 *	604.610	7.315	604.545	5.649	604.510	4.173	604.460	3.228
18	604.620	9.303	604.850	14.49	604.590	6.842	604.540	5.222 *	604.510	4.198	604.450	3.109
19	604.680	10.48 *	604.910	17.79	604.570	6.770	604.540	5.144	604.470	3.585	604.430	2.992
20	604.590	7.302	604.710	10.49	604.560	7.517	604.520	4.296	604.460	3.383	604.460	3.333 *
21	604.630	9.517	604.800	13.45	604.600	6.935 *	604.540	5.331	604.470	3.707	604.470	3.676
22	604.680	11.70	604.780	12.55	604.600	6.994	604.520	4.287	604.460	3.393	604.450	3.074
23	604.650	9.943	604.770	12.21	604.590	6.746	604.510	4.007	604.470	3.544 *	604.450	3.013
24	604.790	14.64	604.710	11.20 *	604.610	7.366	604.500	3.652	604.470	3.684	604.460	3.374
25	604.730	12.42	604.760	11.99	604.580	6.682	604.530	4.962 *	604.490	4.169	604.450	3.033
26	604.730	11.68 *	604.780	12.58	604.560	6.478	604.520	4.264	604.460	3.288	604.460	3.384
27	604.720	12.11	604.950	18.62	604.710	10.41	604.530	4.693	604.480	3.836	604.470	3.544 *
28	604.700	10.53	605.210	21.89	604.650	8.563 *	604.510	4.089	604.460	3.293	604.480	3.262
29	604.710	9.731	605.460	25.41	604.640	8.187	604.540	5.328	604.460	3.333 *	604.440	2.933
30	604.700	9.424	605.500	26.41 *	604.640	8.341	604.580	6.651	604.480	3.763 *	604.490	4.202
31			605.500	26.01	604.710	10.50			604.460	3.239		
Ten-Daily Mean												
I Ten-Daily	604.993	18.96	604.671	9.996	604.688	9.648	604.639	8.341	604.481	3.745	604.468	3.517
II Ten-Daily	604.635	9.748	604.666	10.39	604.579	6.778	604.533	4.971	604.526	5.033	604.455	3.254
III Ten-Daily	604.704	11.17	605.020	17.48	604.626	7.928	604.528	4.726	604.469	3.568	604.462	3.349
Monthly												
Min.	604.590	7.302	604.520	7.082	604.550	5.490	604.500	3.652	604.460	2.659	604.430	2.933
Max.	605.160	21.15	605.500	26.41	604.850	14.91	604.770	13.21	604.670	9.569	604.500	4.202
Mean	604.777	13.29	604.793	12.78	604.631	8.112	604.567	6.013	604.491	4.098	604.462	3.373

Annual Runoff in MCM = 197 Annual Runoff in mm = 56

Peak Observed Discharge = 30.68 cumecs on 14/12/2016 Corres. Water Level :605.18 m

Lowest Observed Discharge = 0.000 cumecs on 02/04/2017 Corres. Water Level :604.35 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 2016 - 2017

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	604.460	3.386	604.460	3.289	604.470	3.368	604.420	2.504	604.430	2.632	604.470	3.867
2	604.490	4.107	604.460	3.223	604.460	3.170	604.400	2.069 #	604.350	0.000	604.510	4.547
3	604.590	6.974	604.470	3.511	604.450	2.720	604.430	2.506	604.200	0.000	604.490	3.834
4	604.600	6.893 *	604.460	3.255	604.440	2.792	604.370	1.497	604.190	0.000	604.480	3.765
5	604.610	7.322	604.450	3.101	604.450	3.071 *	604.400	2.069 *	604.340	0.000	604.440	3.000
6	604.600	7.705	604.460	3.278	604.430	2.645	604.430	2.668	604.340	1.370	604.420	2.634
7	604.590	6.878	604.460	3.254	604.400	1.557	604.480	3.679	604.420	2.919	604.400	2.069 *
8	604.570	6.441	604.450	3.071	604.420	2.408	604.510	3.791	604.440	3.088	604.440	3.013
9	604.490	4.167	604.450	3.065	604.450	2.890	604.690	9.458	604.400	2.069 *	604.450	3.163
10	604.480	3.867	604.440	3.023	604.420	2.442	604.560	5.550	604.420	2.588	604.520	4.711 *
11	604.460	3.289 *	604.440	2.970	604.430	2.522	604.510	4.832	604.200	0.000	604.600	6.965
12	604.470	3.511 *	604.450	3.031	604.440	2.858 *	604.440	2.858 *	604.210	0.000	604.600	6.840
13	604.600	7.156	604.450	3.115	604.450	3.127	604.490	4.065	604.180	0.000	604.570	6.013
14	605.180	30.68 #	604.460	3.348	604.420	2.445	604.400	1.937	604.170	0.000	604.520	4.711 *
15	604.770	12.48	604.470	3.289	604.440	2.857	604.430	2.559	604.210	0.000	604.600	6.874
16	604.650	8.607	604.440	3.049	604.420	2.321	604.440	2.827	604.170	0.000	604.490	4.000
17	604.610	7.347	604.440	2.992	604.350	1.525	604.430	2.567	604.190	0.000	604.680	9.639
18	604.600	6.893 *	604.450	3.117	604.400	1.836	604.440	2.822	604.220	0.000	604.600	6.766
19	604.600	7.104	604.440	2.920	604.400	2.069 *	604.440	2.858 *	604.460	3.498	604.980	16.46
20	604.590	6.835	604.450	3.092	604.480	3.560	604.400	1.871	604.450	3.173	604.940	15.95
21	604.560	6.096	604.460	3.361	604.440	2.814	604.430	2.639	604.460	3.483	604.800	14.14 *
22	604.510	4.322	604.450	3.071	604.400	1.825	604.400	1.962	604.520	4.605	605.020	16.98
23	604.500	4.158	604.440	2.996	604.350	1.511	604.420	2.461	604.440	2.858 *	605.120	18.31
24	604.550	5.742	604.450	3.148	604.400	2.069 *	604.580	5.833	604.410	2.224	605.000	16.73
25	604.460	3.289 *	604.460	3.399	604.440	2.704	604.600	6.202	604.400	1.983	605.120	18.31
26	604.450	3.254	604.450	3.071	604.400	2.069 *	604.440	2.858 *	604.470	3.763	604.940	15.95
27	604.460	3.395	604.440	2.989	604.430	2.494	604.400	1.950	604.420	2.536	605.340	21.32
28	604.470	3.564	604.460	3.267	604.400	1.802	604.350	1.225 #	604.390	1.803	606.200	37.13 *
29	604.460	3.240	604.440	2.858 #			604.350	1.225	604.330	1.256	605.020	16.98
30	604.440	2.950	604.470	3.656			604.400	1.946	604.400	2.069 *	604.750	13.38
31	604.450	3.093	604.480	3.741			604.410	2.182			604.740	13.43 #
Ten-Daily Mean												
I Ten-Daily	604.548	5.774	604.456	3.207	604.439	2.706	604.469	3.579	604.353	1.467	604.462	3.460
II Ten-Daily	604.653	9.390	604.449	3.092	604.423	2.512	604.442	2.919	604.246	0.667	604.658	8.422
III Ten-Daily	604.483	3.918	604.455	3.232	604.408	2.161	604.435	2.771	604.424	2.658	605.095	18.42
Monthly												
Min.	604.440	2.950	604.440	2.858	604.350	1.511	604.350	1.225	604.170	0.000	604.400	2.069
Max.	605.180	30.68	604.480	3.741	604.480	3.560	604.690	9.458	604.520	4.605	606.200	37.13
Mean	604.559	6.282	604.453	3.179	604.424	2.481	604.448	3.08	604.341	1.597	604.750	10.37

Peak Computed Discharge = 37.13 cumecs on 28/05/2017 **Corres. Water Level :606.2 m**

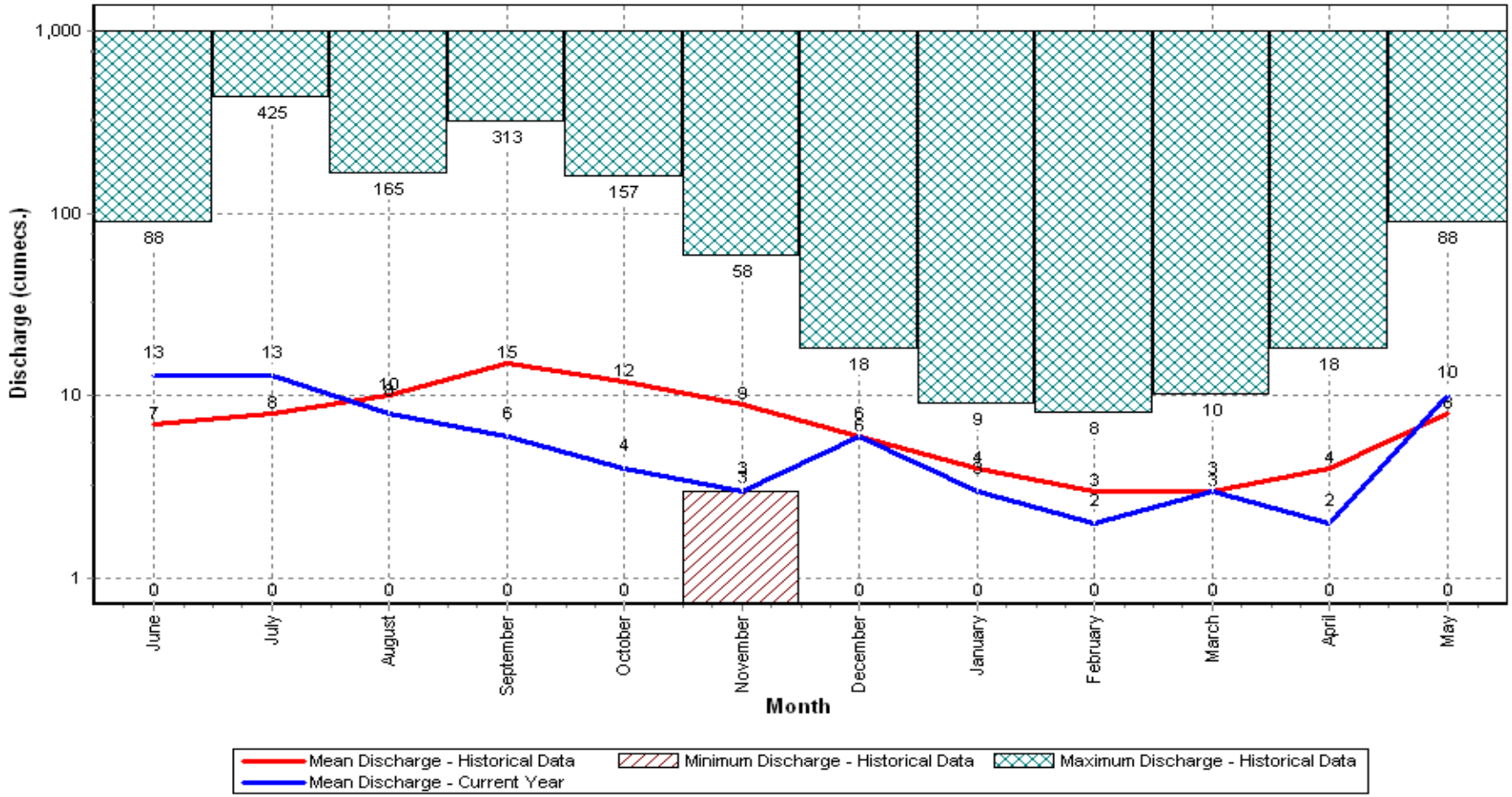
Lowest Computed Discharge = 2.069 cumecs on 19/02/2017 **Corres. Water Level :604.4 m**

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

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE) **Data considered : 2004-2017** **Division : Cauvery Division, Bangalore**

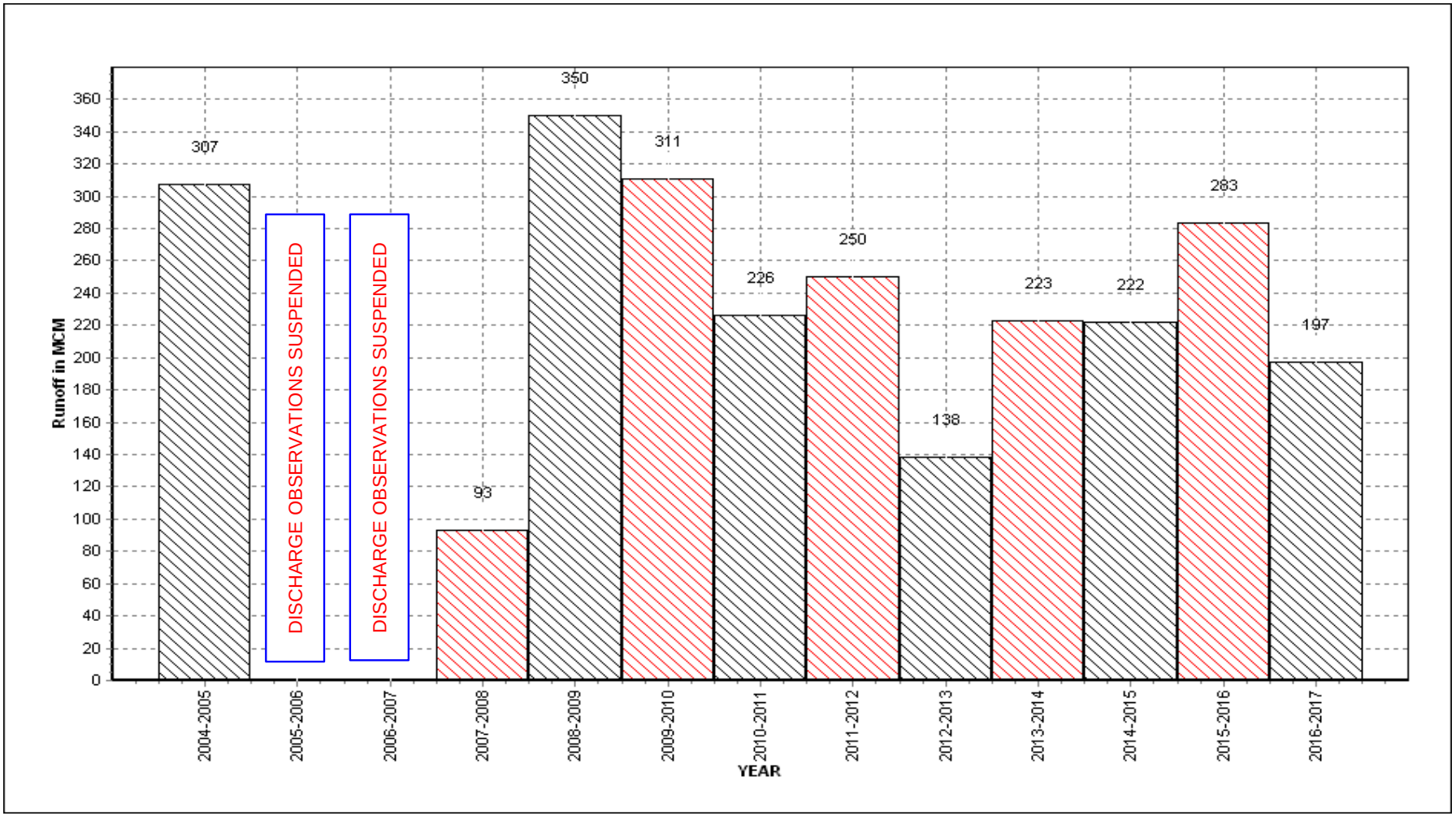
Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 2004 - 2017

Station Name : T. BEKUPPE (T. BEKUPPE)
Local River : Arkavathi

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



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

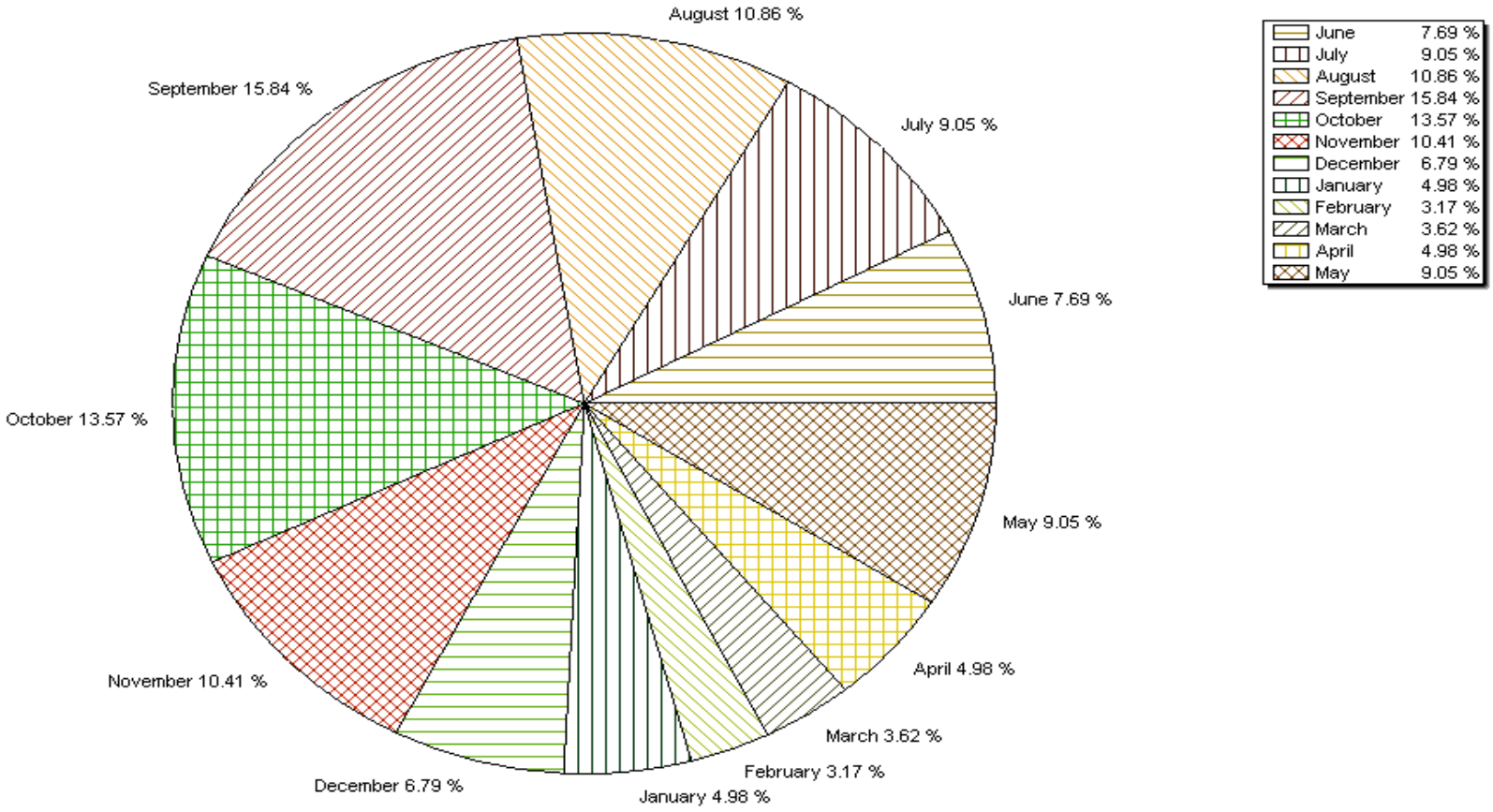
Monthly Average Runoff based on period : 2004-2016

Station Name : T. BEKUPPE (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



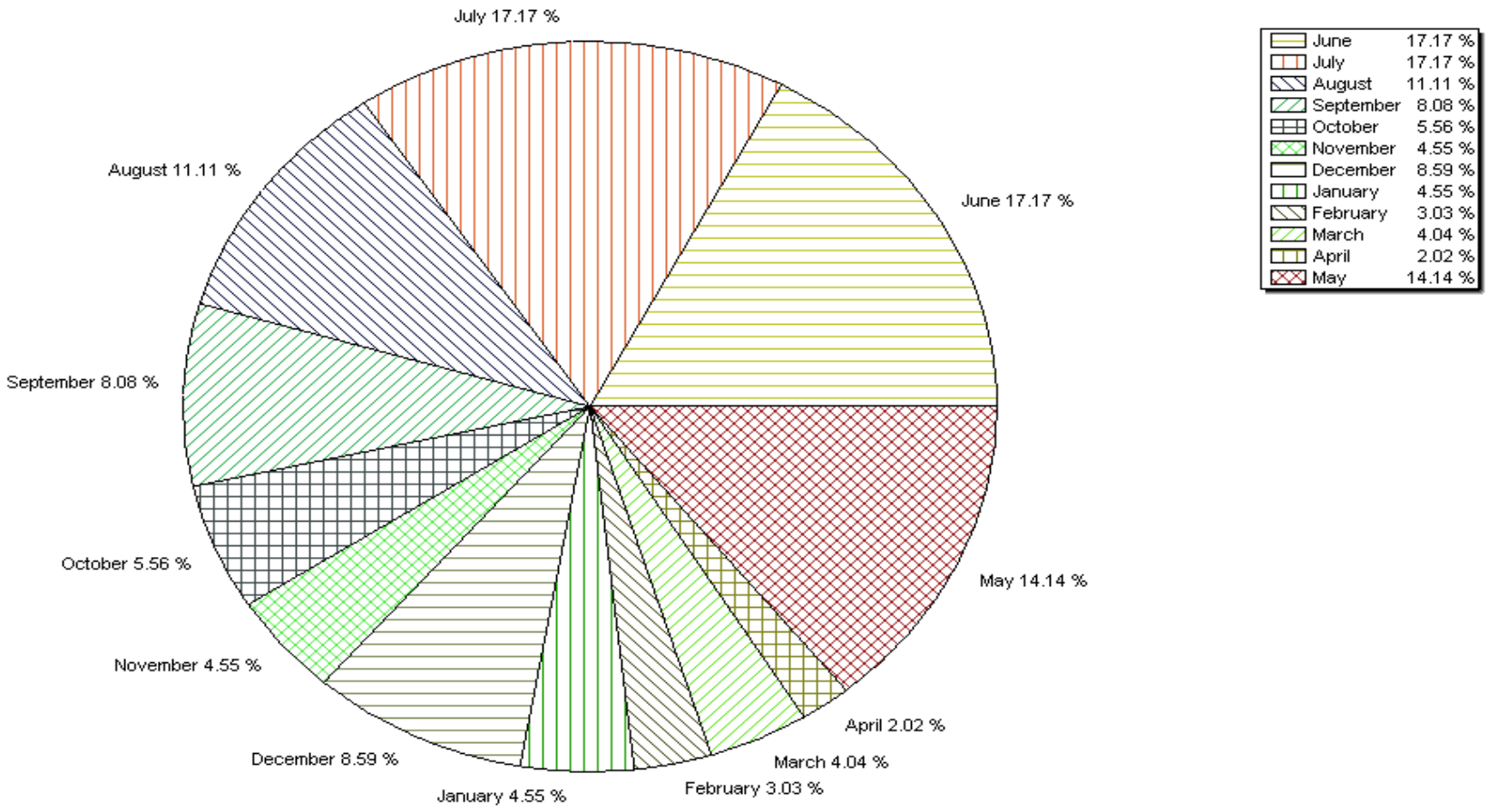
Monthly Runoff for the Year : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

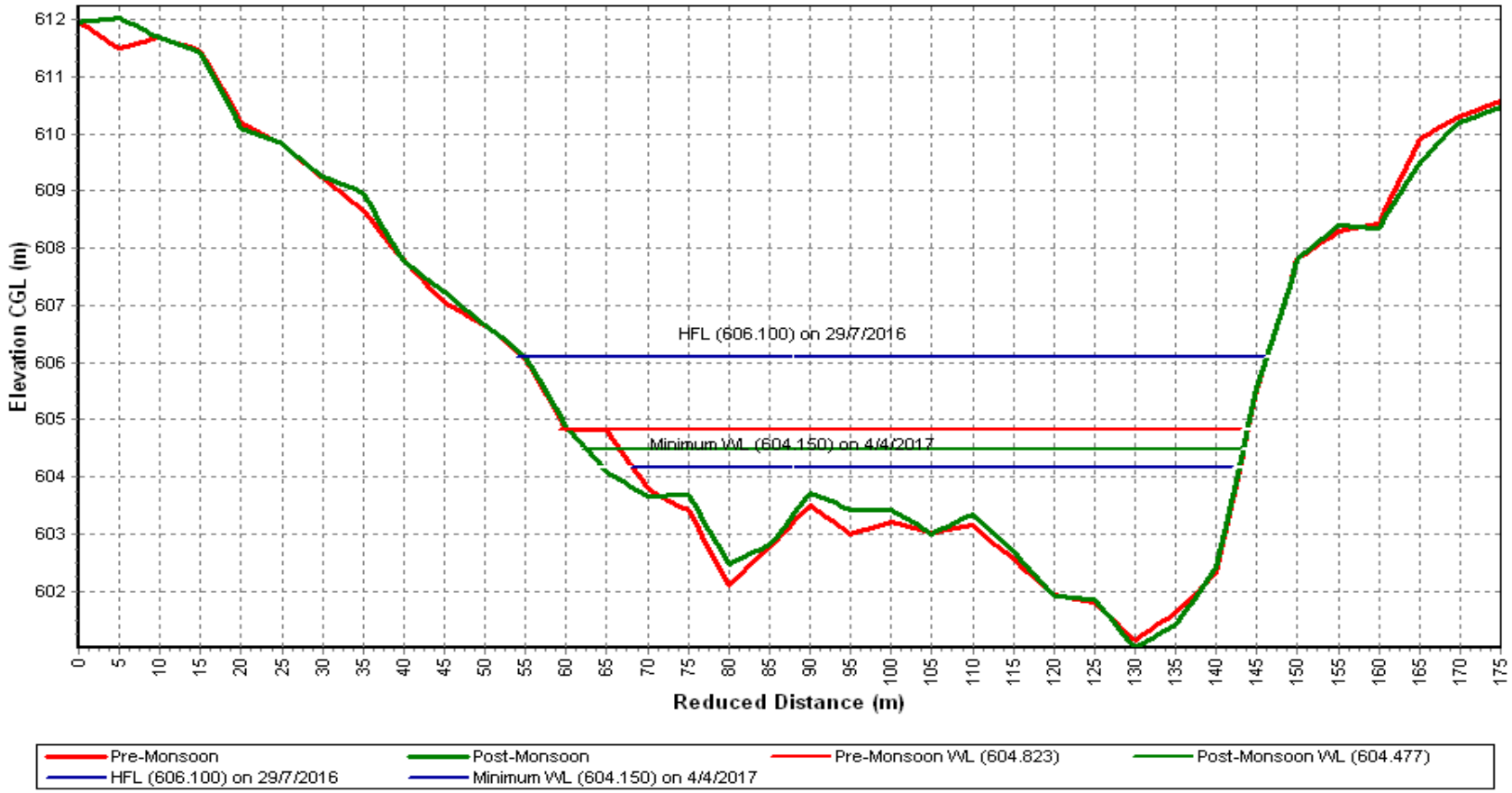
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

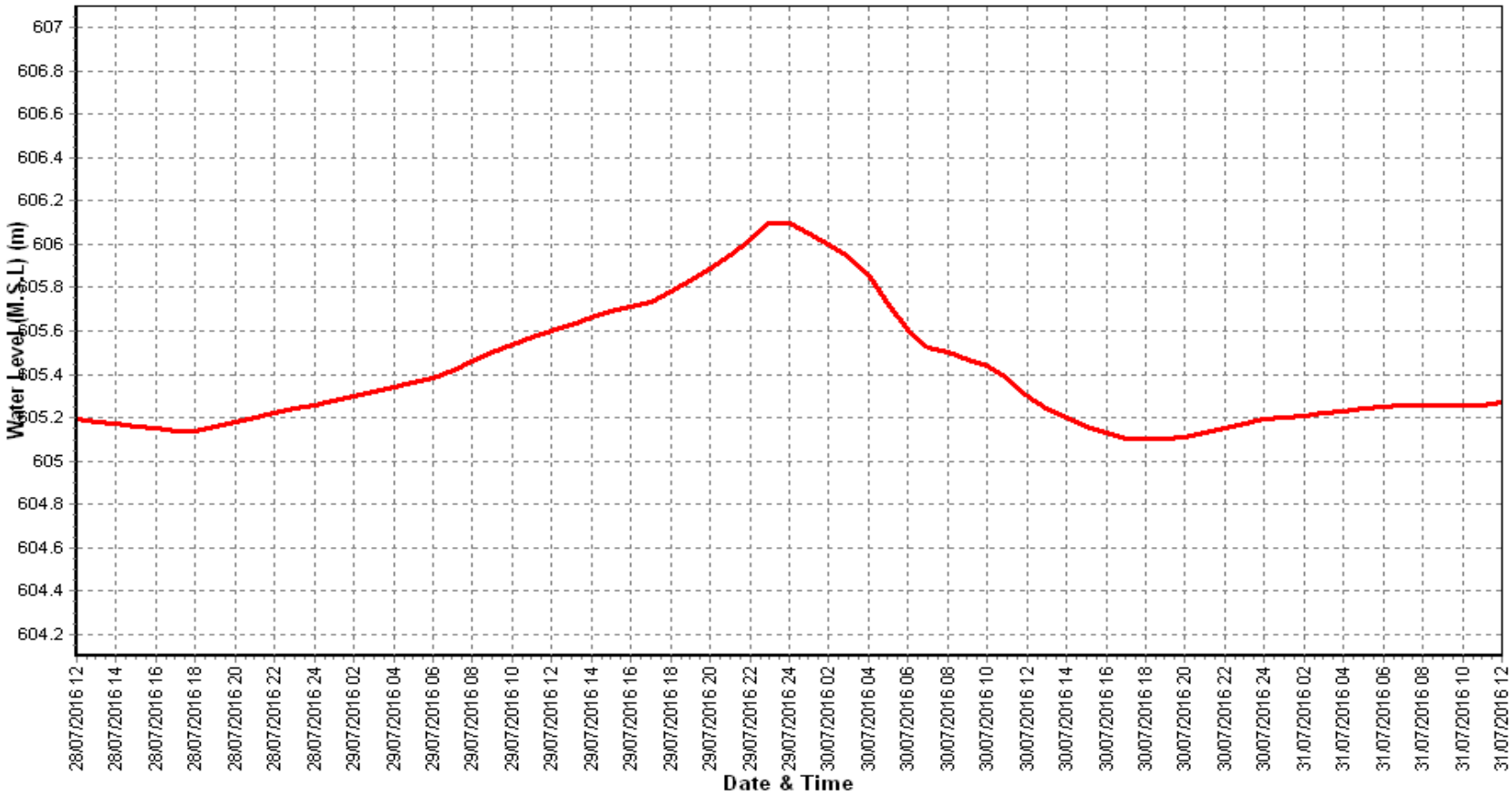
Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

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

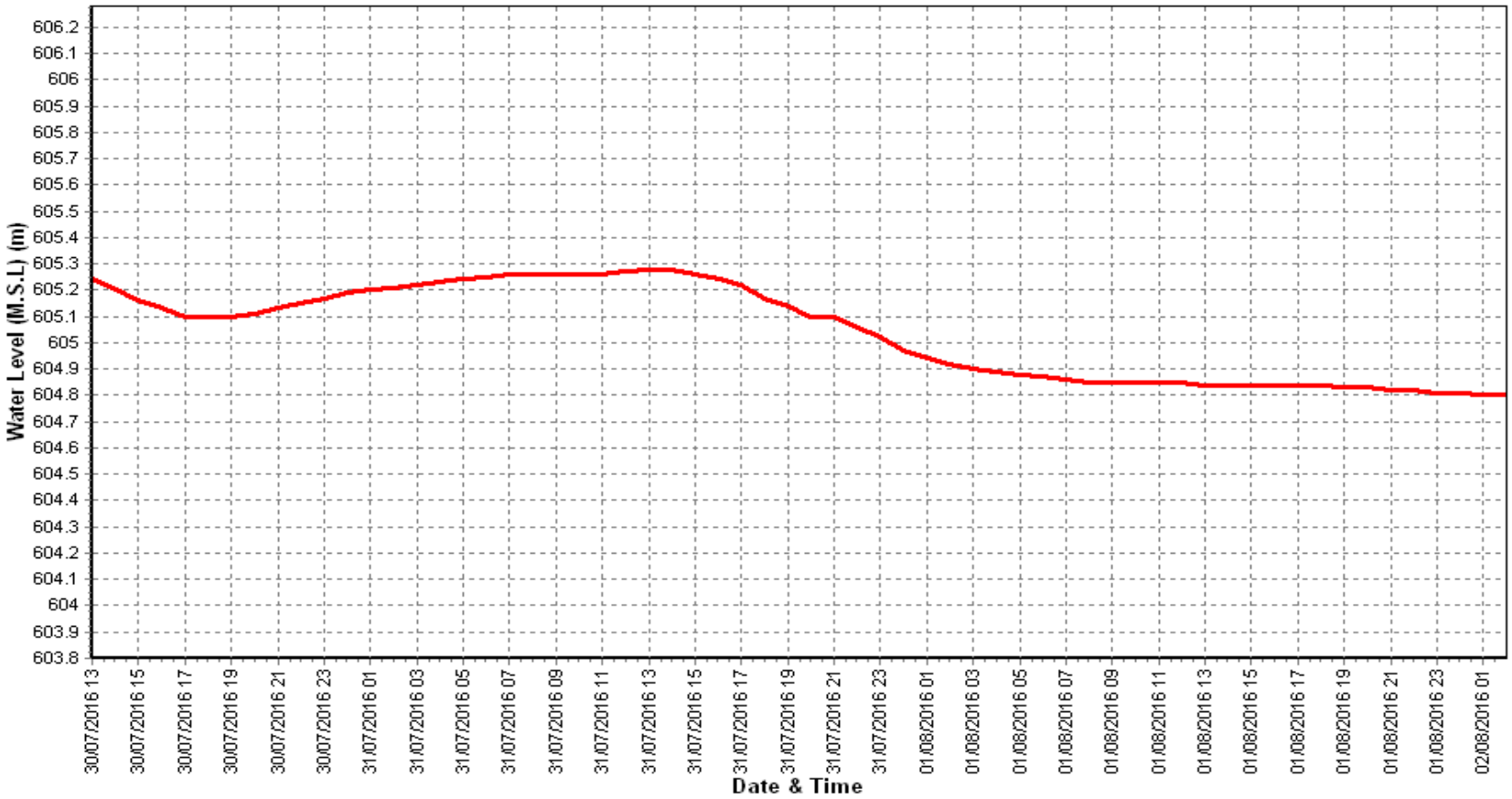


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE) **Division : Cauvery Division, Bangalore**

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

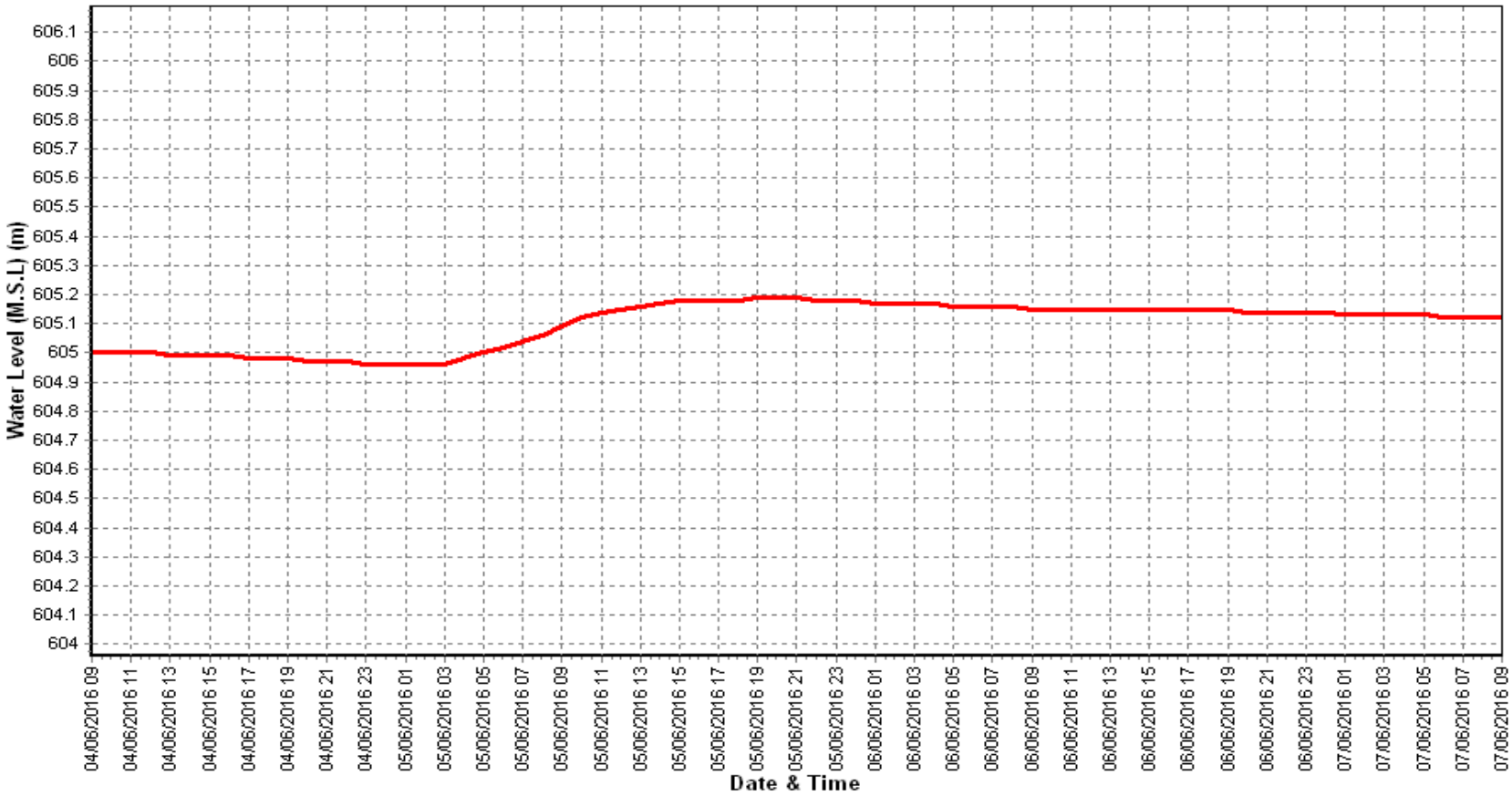


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	580.520	0.000	580.520	0.000	580.640	0.000	580.590	0.000	580.650	0.000	580.560	0.000
2	580.510	0.000	580.530	0.000	580.680	0.000	580.590	0.000	580.640	0.000	580.580	0.000
3	580.520	0.000	580.530	0.000	580.670	0.000	580.610	0.000	580.570	0.000	580.590	0.000
4	580.510	0.000	580.540	0.000	580.650	0.000	580.950	0.000	580.560	0.000	580.610	0.000
5	580.520	0.000	580.540	0.000	580.660	0.000	580.840	0.000	580.590	0.000	580.600	0.000
6	580.520	0.000	580.550	0.000	580.650	0.000	580.650	0.000	580.580	0.000	580.610	0.000
7	580.510	0.000	580.590	0.000	580.640	0.000	580.630	0.000	580.560	0.000	580.590	0.000
8	580.500	0.000	580.570	0.000	580.630	0.000	580.640	0.000	580.540	0.000	580.590	0.000
9	580.510	0.000	580.560	0.000	580.620	0.000	580.610	0.000	580.520	0.000	580.580	0.000
10	580.520	0.000	580.560	0.000	580.610	0.000	580.630	0.000	580.510	0.000	580.610	0.000
11	580.510	0.000	580.560	0.000	580.600	0.000	580.590	0.000	580.500	0.000	580.600	0.000
12	580.525	0.000	580.570	0.000	580.610	0.000	580.550	0.000	580.480	0.000	580.580	0.000
13	580.520	0.000	580.560	0.000	580.630	0.000	580.530	0.000	580.520	0.000	580.600	0.000
14	580.510	0.000	580.570	0.000	580.640	0.000	580.520	0.000	581.010	0.000	580.610	0.000
15	580.550	0.000	580.630	0.000	580.650	0.000	580.590	0.000	582.050	51.24	580.650	0.000
16	580.500	0.000	580.630	0.000	580.600	0.000	580.660	0.000	581.600	31.52 *	580.660	0.000
17	580.500	0.000	580.640	0.000	580.650	0.000	580.640	0.000	581.210	14.44	580.640	0.000
18	580.520	0.000	580.640	0.000	580.640	0.000	580.640	0.000	580.710	0.000	580.610	0.000
19	580.525	0.000	580.610	0.000	580.640	0.000	580.650	0.000	580.620	0.000	580.620	0.000
20	580.510	0.000	580.610	0.000	580.620	0.000	580.660	0.000	580.580	0.000	580.630	0.000
21	580.520	0.000	580.600	0.000	580.620	0.000	580.640	0.000	580.510	0.000	580.630	0.000
22	580.510	0.000	580.610	0.000	580.630	0.000	580.650	0.000	580.540	0.000	580.610	0.000
23	580.520	0.000	580.600	0.000	580.620	0.000	580.620	0.000	580.540	0.000	580.580	0.000
24	580.570	0.000	580.610	0.000	580.630	0.000	580.650	0.000	580.490	0.000	580.600	0.000
25	580.550	0.000	580.590	0.000	580.590	0.000	580.670	0.000	580.650	0.000	580.580	0.000
26	580.540	0.000	580.630	0.000	580.590	0.000	580.670	0.000	580.620	0.000	580.620	0.000
27	580.530	0.000	580.640	0.000	580.610	0.000	580.650	0.000	580.610	0.000	580.610	0.000
28	580.520	0.000	580.650	0.000	580.620	0.000	580.650	0.000	580.610	0.000	580.595	0.000
29	580.540	0.000	580.650	0.000	580.620	0.000	580.640	0.000	580.600	0.000	580.580	0.000
30	580.530	0.000	580.640	0.000	580.600	0.000	580.660	0.000	580.580	0.000	580.570	0.000
31			580.630	0.000	580.590	0.000			580.560	0.000		
Ten-Daily Mean												
I Ten-Daily	580.514	0.000	580.549	0.000	580.645	0.000	580.674	0.000	580.572	0.000	580.592	0.000
II Ten-Daily	580.517	0.000	580.602	0.000	580.628	0.000	580.603	0.000	580.928	9.720	580.620	0.000
III Ten-Daily	580.533	0.000	580.623	0.000	580.611	0.000	580.650	0.000	580.574	0.000	580.598	0.000
Monthly												
Min.	580.500	0.000	580.520	0.000	580.590	0.000	580.520	0.000	580.480	0.000	580.560	0.000
Max.	580.570	0.000	580.650	0.000	580.680	0.000	580.950	0.000	582.050	51.24	580.660	0.000
Mean	580.521	0	580.592	0	580.627	0	580.642	0	580.687	3.135	580.603	0

Annual Runoff in MCM = 8 Annual Runoff in mm = 1

Peak Observed Discharge = 51.24 cumecs on 15/10/2016 Corres. Water Level :582.05 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :580.52 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 2016 - 2017

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	580.560	0.000	580.650	0.000	580.590	0.000	580.650	0.000	580.650	0.000	580.670	0.000
2	580.590	0.000	580.640	0.000	580.600	0.000	580.620	0.000	580.640	0.000	580.660	0.000
3	580.580	0.000	580.610	0.000	580.620	0.000	580.630	0.000	580.650	0.000	580.660	0.000
4	580.570	0.000	580.640	0.000	580.590	0.000	580.600	0.000	580.650	0.000	580.650	0.000
5	580.580	0.000	580.560	0.000	580.600	0.000	580.630	0.000	580.610	0.000	580.660	0.000
6	580.595	0.000	580.520	0.000	580.600	0.000	580.610	0.000	580.650	0.000	580.670	0.000
7	580.590	0.000	580.530	0.000	580.620	0.000	580.610	0.000	580.650	0.000	580.670	0.000
8	580.590	0.000	580.510	0.000	580.600	0.000	580.600	0.000	580.650	0.000	580.680	0.000
9	580.570	0.000	580.530	0.000	580.630	0.000	580.610	0.000	580.660	0.000	580.680	0.000
10	580.580	0.000	580.540	0.000	580.640	0.000	580.590	0.000	580.650	0.000	580.690	0.000
11	580.590	0.000	580.540	0.000	580.650	0.000	580.590	0.000	580.640	0.000	580.690	0.000
12	580.560	0.000	580.540	0.000	580.640	0.000	580.590	0.000	580.650	0.000	580.700	0.000
13	580.610	0.000	580.550	0.000	580.630	0.000	580.600	0.000	580.630	0.000	580.700	0.000
14	580.600	0.000	580.560	0.000	580.570	0.000	580.590	0.000	580.660	0.000	580.680	0.000
15	580.620	0.000	580.550	0.000	580.560	0.000	580.600	0.000	580.660	0.000	580.750	0.000
16	580.590	0.000	580.550	0.000	580.550	0.000	580.590	0.000	580.650	0.000	580.770	0.000
17	580.580	0.000	580.550	0.000	580.550	0.000	580.590	0.000	580.650	0.000	580.770	0.000
18	580.600	0.000	580.540	0.000	580.590	0.000	580.630	0.000	580.640	0.000	580.760	0.000
19	580.570	0.000	580.540	0.000	580.650	0.000	580.620	0.000	580.630	0.000	580.820	0.000
20	580.590	0.000	580.530	0.000	580.650	0.000	580.610	0.000	580.640	0.000	580.800	0.000
21	580.650	0.000	580.560	0.000	580.600	0.000	580.630	0.000	580.640	0.000	580.810	0.000
22	580.610	0.000	580.590	0.000	580.650	0.000	580.640	0.000	580.660	0.000	580.800	0.000
23	580.650	0.000	580.600	0.000	580.650	0.000	580.620	0.000	580.650	0.000	580.820	0.000
24	580.640	0.000	580.580	0.000	580.640	0.000	580.640	0.000	580.650	0.000	580.800	0.000
25	580.640	0.000	580.580	0.000	580.600	0.000	580.650	0.000	580.640	0.000	580.840	0.000
26	580.620	0.000	580.590	0.000	580.650	0.000	580.630	0.000	580.660	0.000	580.770	0.000
27	580.650	0.000	580.610	0.000	580.650	0.000	580.640	0.000	580.650	0.000	580.800	0.000
28	580.640	0.000	580.610	0.000	580.640	0.000	580.640	0.000	580.660	0.000	580.820	0.000
29	580.650	0.000	580.600	0.000			580.600	0.000	580.660	0.000	580.780	0.000
30	580.650	0.000	580.610	0.000			580.650	0.000	580.650	0.000	580.790	0.000
31	580.640	0.000	580.650	0.000			580.630	0.000			580.800	0.000
Ten-Daily Mean												
I Ten-Daily	580.581	0.000	580.573	0.000	580.609	0.000	580.615	0.000	580.646	0.000	580.669	0.000
II Ten-Daily	580.591	0.000	580.545	0.000	580.604	0.000	580.601	0.000	580.645	0.000	580.744	0.000
III Ten-Daily	580.640	0.000	580.598	0.000	580.635	0.000	580.634	0.000	580.652	0.000	580.803	0.000
Monthly												
Min.	580.560	0.000	580.510	0.000	580.550	0.000	580.590	0.000	580.610	0.000	580.650	0.000
Max.	580.650	0.000	580.650	0.000	580.650	0.000	580.650	0.000	580.660	0.000	580.840	0.000
Mean	580.605	0	580.573	0	580.615	0	580.617	0	580.648	0	580.741	0

Peak Computed Discharge = 31.52 cumecs on 16/10/2016 **Corres. Water Level :581.6 m**

Lowest Computed Discharge = 31.52 cumecs on 16/10/2016 **Corres. Water Level :581.6 m**

Q: Observed/Computed Discharge in cumecs

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

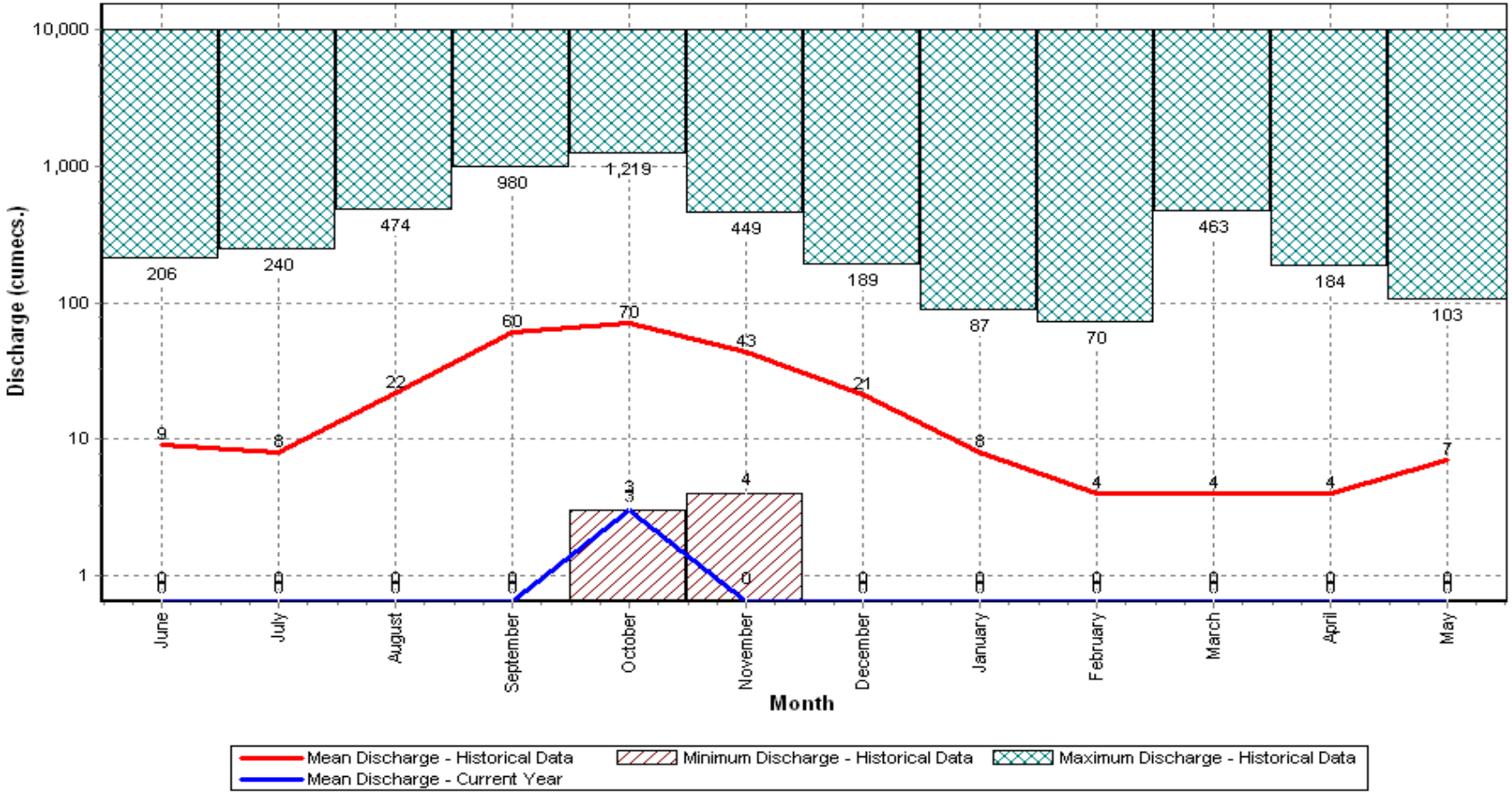
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2016-2017

Station Name : T.K.Halli (CCM00B9) | **Data considered : 1979-2017** | **Division : Cauvery Division, Bangalore**

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



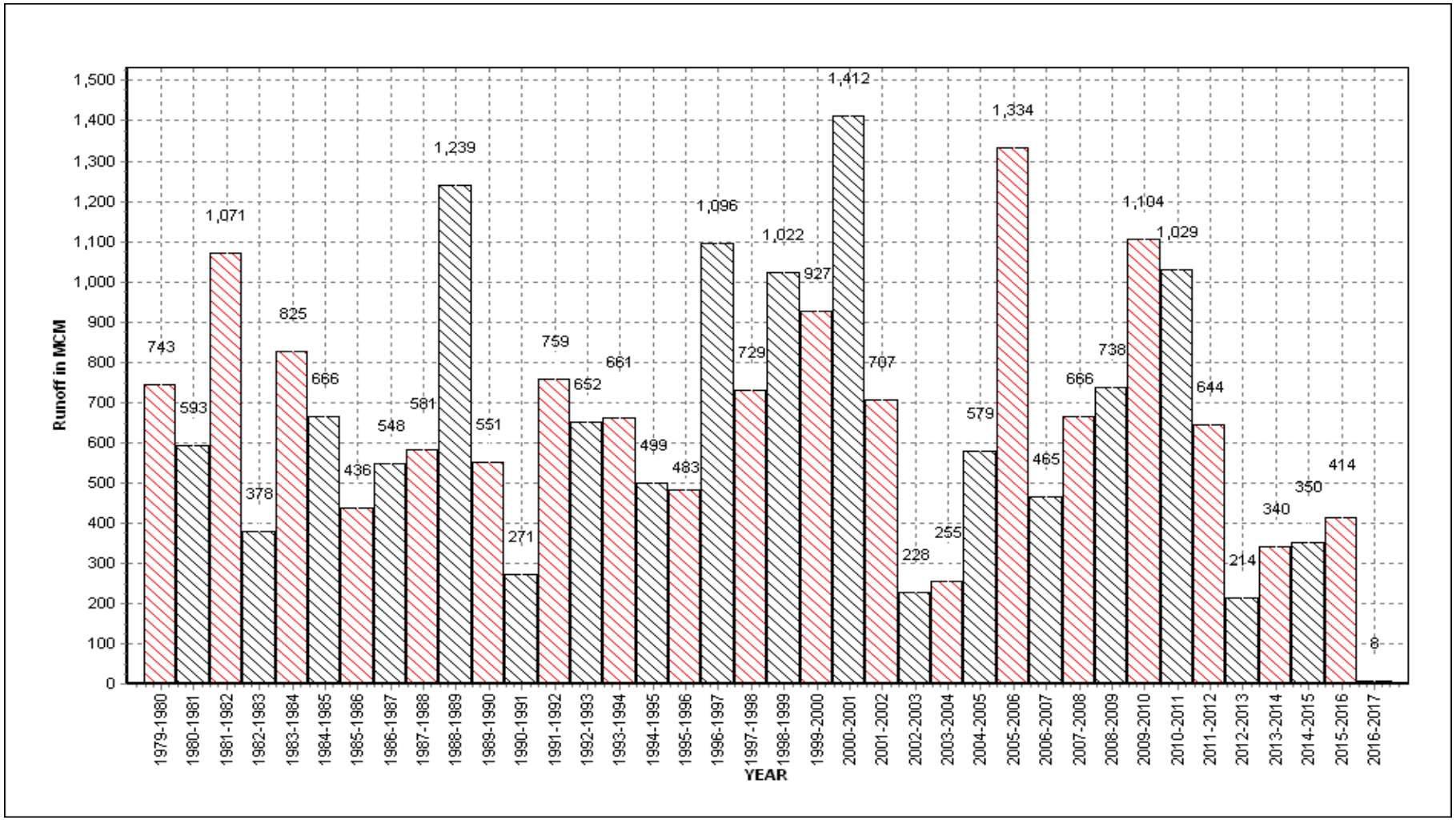
Annual Runoff Values for the period: 1979 - 2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

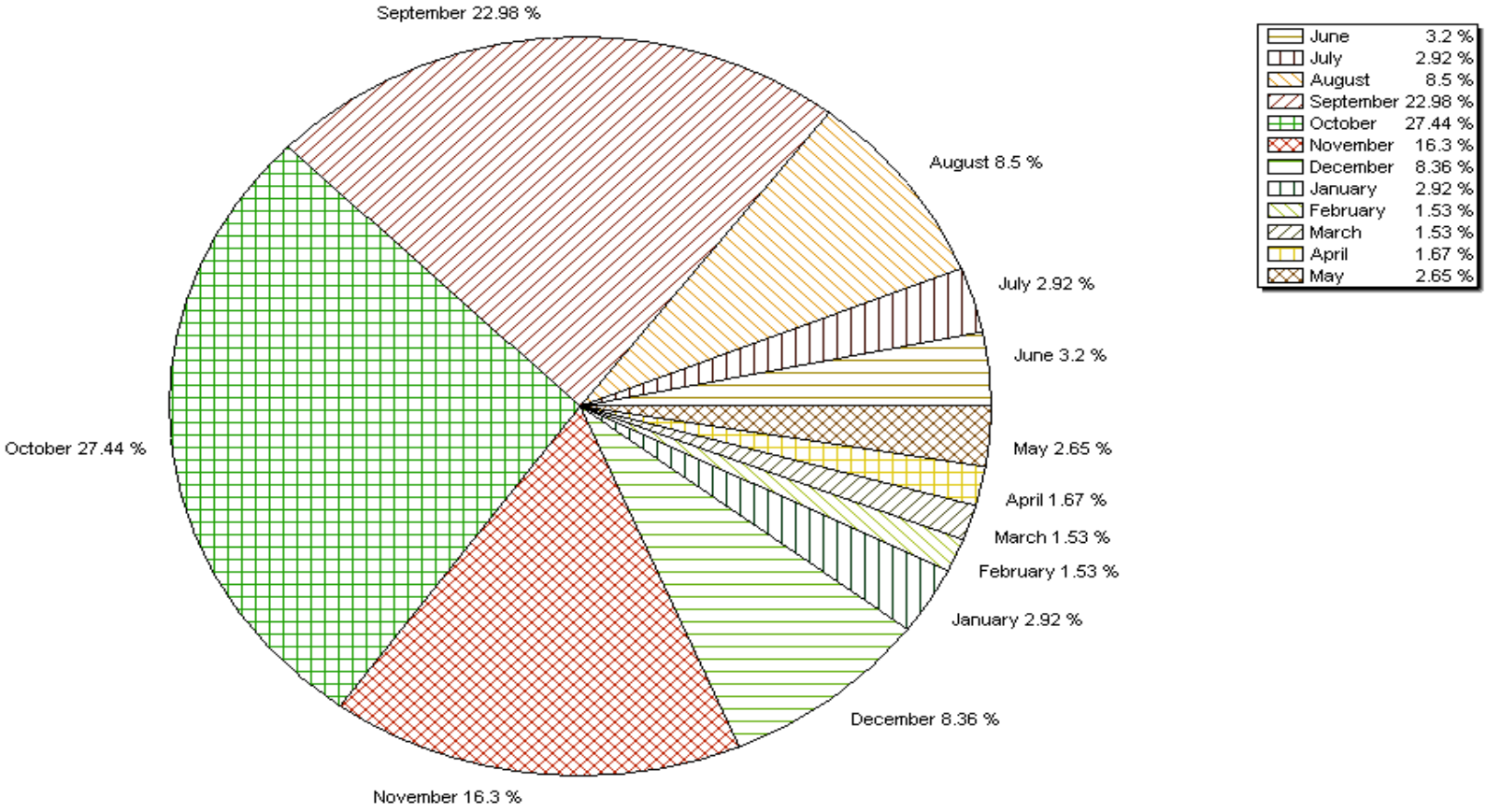


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1979-2016

Station Name : T.K.Halli (CCM00B9)
Local River : Shimsa

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



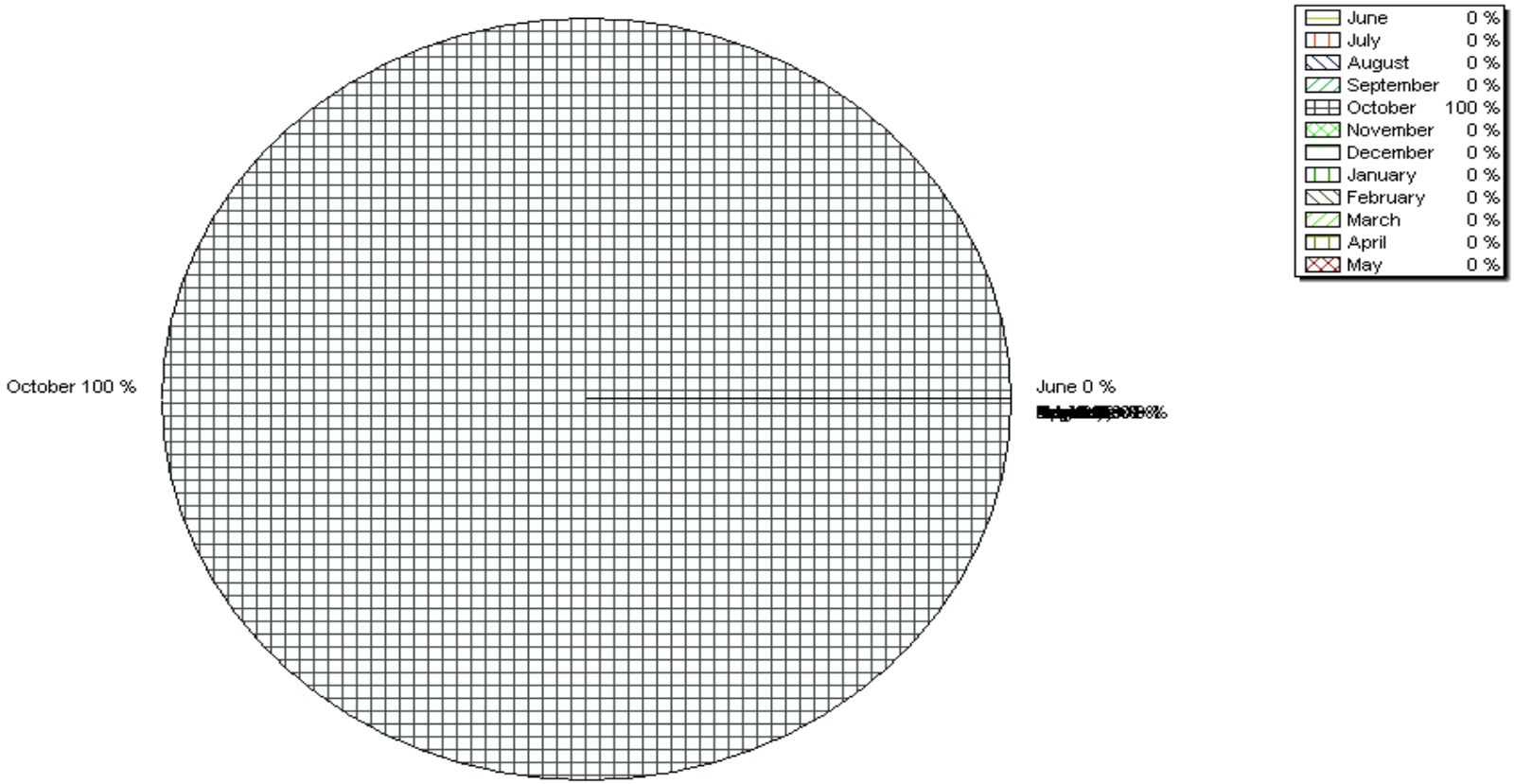
Monthly Runoff for the Year : 2016-2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



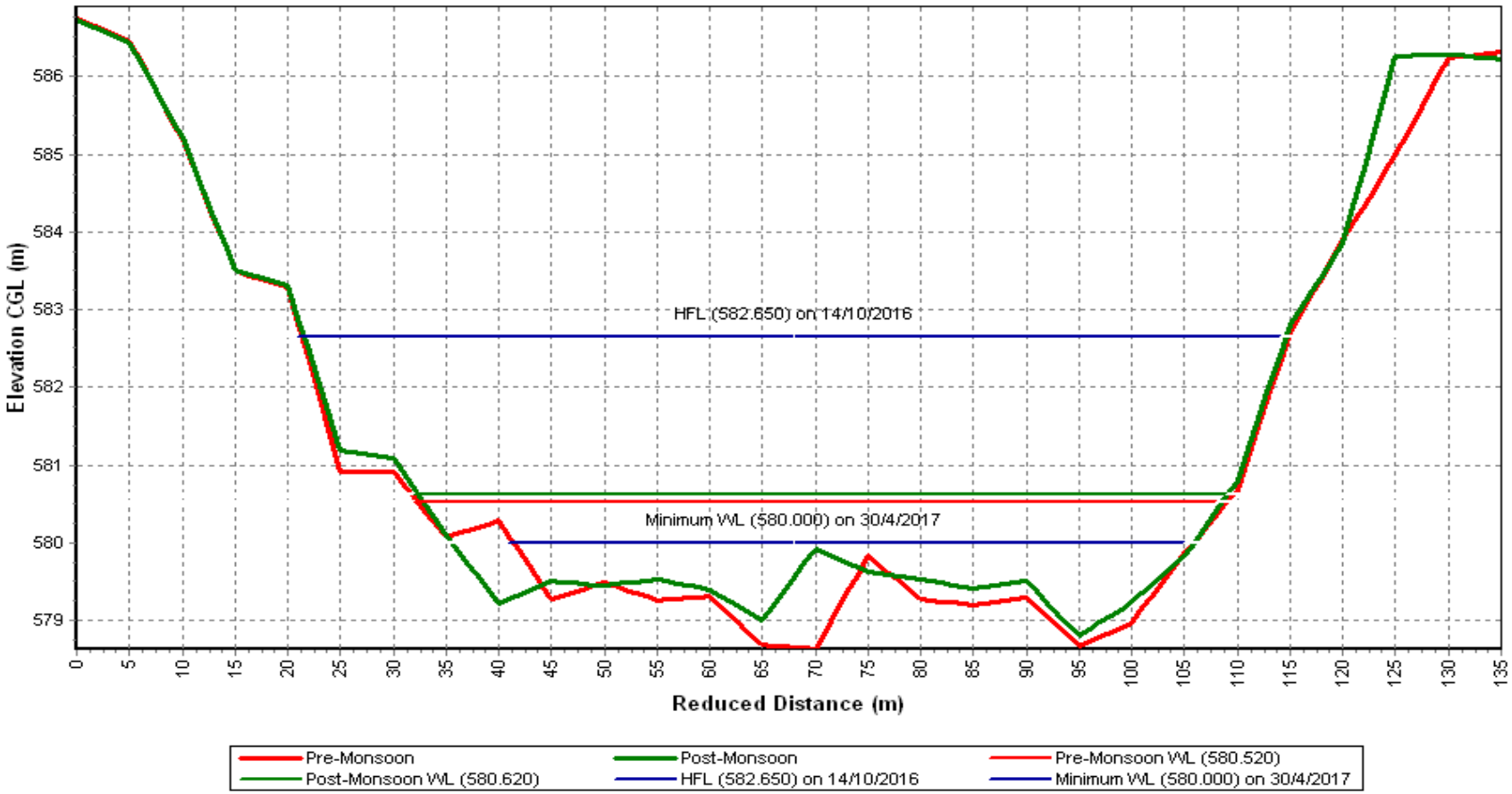
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



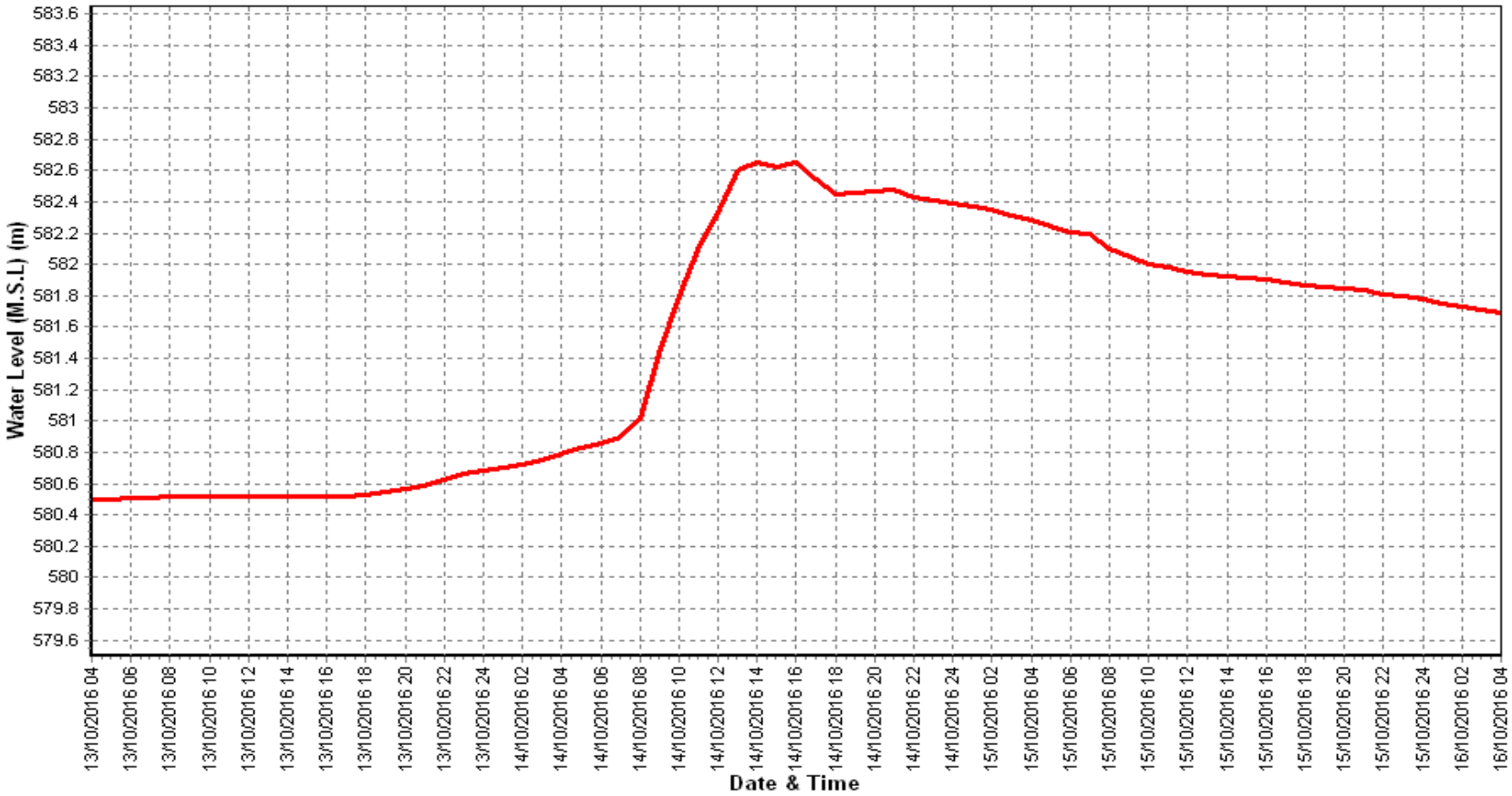
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

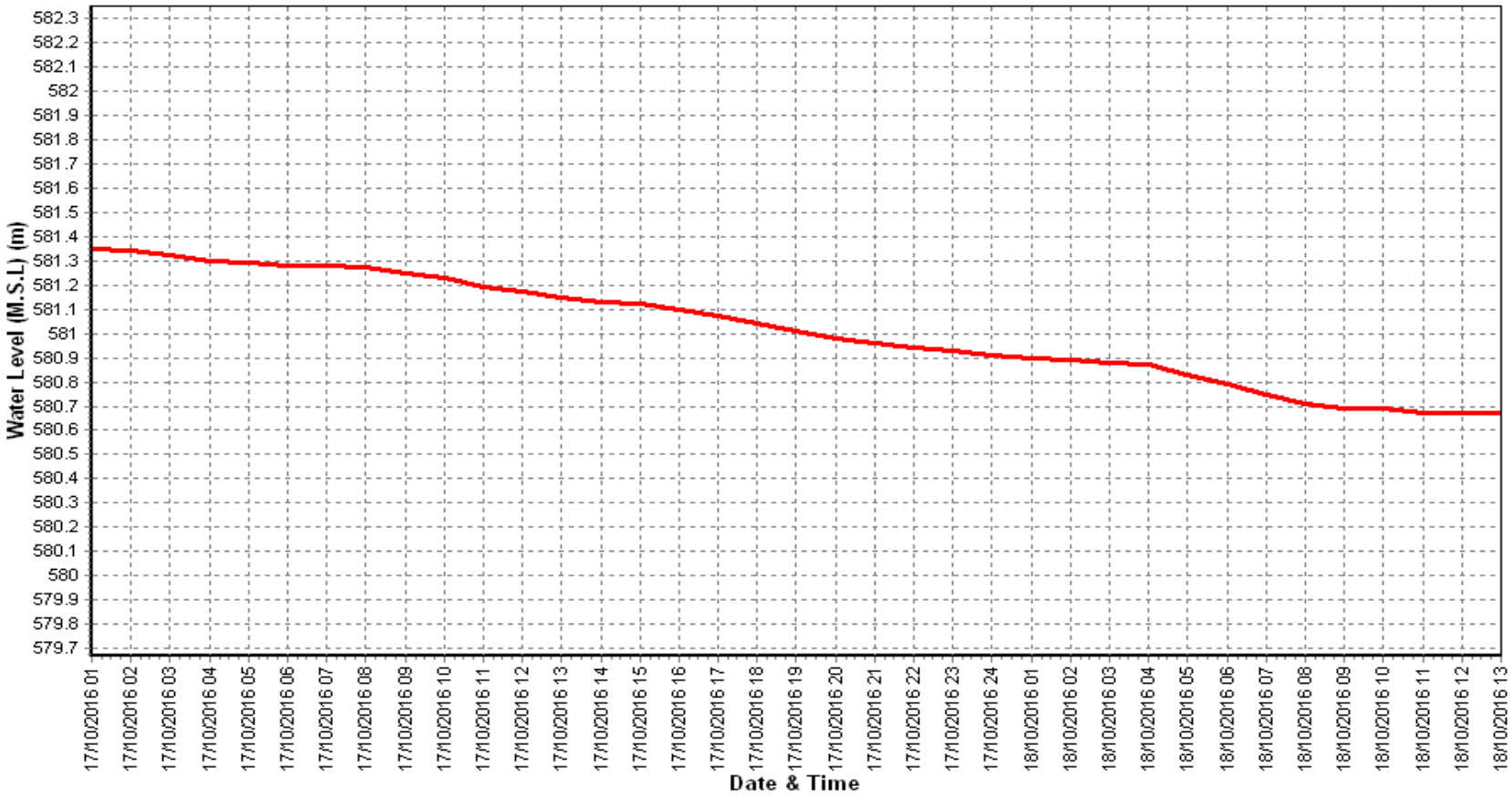


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : T.K.Halli (CCM00B9) | **Division : Cauvery Division, Bangalore**

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



Time Span: 72 Hrs

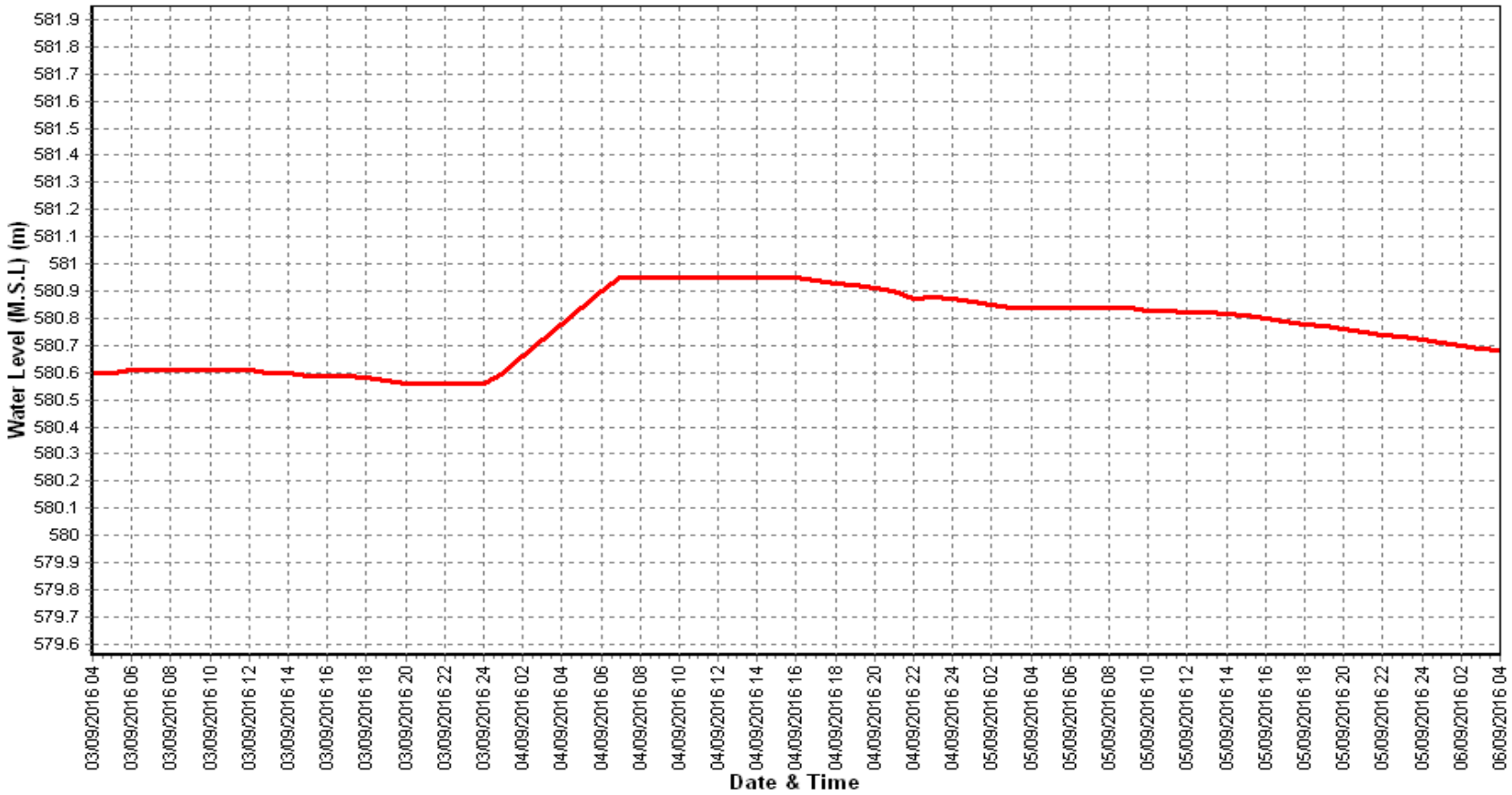
Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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	624.490	08/01/2016

*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 2016 - 2017

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	624.515	0.000	624.630	35.74	624.870	126.0	625.145	257.3	624.590	0.000	624.590	0.000
2	624.580	14.73	624.650	34.03	624.840	114.4	624.960	157.2	624.590	0.000	624.710	61.17
3	624.630	24.64	624.885	119.8 *	624.790	95.22	624.880	129.4	624.590	0.000	624.690	54.62
4	624.690	35.52	624.890	134.7	624.750	72.33	624.900	134.4 *	624.590	0.000	624.630	15.98
5	624.605	20.32 *	624.840	113.6	624.780	94.33	624.840	108.2 *	624.540	0.000	624.610	23.02
6	624.510	0.000	624.850	119.9	624.780	95.74	624.810	105.3	624.725	54.63	624.575	0.000
7	624.480	0.000	624.870	113.7 *	624.780	84.05 *	624.820	107.2	624.850	119.3	624.590	0.000
8	624.460	0.000	624.910	139.9	624.850	119.1	625.345	335.0	624.965	158.8	624.570	0.000
9	624.450	0.000	624.950	156.1	624.800	111.8	625.400	360.3	625.020	192.3 *	624.550	0.000
10	624.420	0.000	624.950	148.1 *	624.810	101.6	625.410	355.6	625.160	261.0	624.540	0.000
11	624.420	0.000	624.935	149.9	624.810	103.4	625.390	410.3 *	625.130	251.2 *	624.540	0.000
12	624.410	0.000	624.965	164.7	624.800	99.94	625.380	352.0	624.950	157.7 *	624.550	0.000
13	624.400	0.000	624.925	147.5	624.850	119.0	625.365	393.8 *	624.850	117.5	624.570	0.000
14	624.410	0.000	625.005	176.0	624.900	134.4 *	625.330	330.5	624.980	167.9	624.590	0.000
15	624.470	0.000	625.275	275.0	624.860	116.7 *	625.275	308.0	624.840	116.4	624.590	0.000
16	624.600	28.44	625.230	260.6	624.850	119.7	625.230	287.3	624.710	58.58 *	624.730	62.96
17	624.650	32.85	625.110	227.8 *	624.900	138.1	625.200	281.5	624.710	60.98	624.750	71.14
18	624.680	38.52	625.120	221.0	624.910	143.1	625.160	268.2 *	624.660	42.97	624.760	74.46
19	624.755	55.42 *	625.100	231.8	624.920	145.3	625.160	264.4	624.640	37.16	624.650	40.33
20	624.780	47.19	625.040	211.6	625.105	251.8	625.120	248.2	624.610	25.57	624.590	0.000
21	624.680	40.03	624.980	174.6	625.140	256.9 *	624.820	110.9	624.590	0.000	624.550	0.000
22	624.650	31.10	624.950	161.6	625.150	254.1	624.720	63.34	624.550	0.000	624.530	0.000
23	624.640	27.27 #	624.980	176.2	625.130	246.9	624.625	28.10	624.540	0.000	624.500	0.000
24	624.650	29.41 #	624.980	172.2 *	625.130	246.7	624.600	20.12	624.520	0.000	624.500	0.000
25	624.650	31.39	624.970	172.0	625.150	252.7	624.580	0.000	624.520	0.000	624.535	0.000
26	624.640	27.27 *	624.970	173.7	625.040	212.1	624.590	0.000	624.520	0.000	624.570	0.000
27	624.580	12.48	624.950	165.2	625.010	204.1	624.590	0.000	624.530	0.000	624.575	0.000
28	624.520	0.000	624.950	163.5	625.050	207.8 *	624.590	0.000	624.550	0.000	624.560	0.000
29	624.650	29.41 #	624.960	166.4	625.040	209.9	624.590	0.000	624.575	0.000	624.580	0.000
30	624.690	40.33	624.950	166.8	625.030	214.7	624.590	0.000	624.580	0.000	624.585	0.000
31			624.905	136.7 *	625.138	248.9			624.720	63.34		
Ten-Daily Mean												
I Ten-Daily	624.534	9.521	624.843	111.5	624.805	101.5	625.051	205.0	624.762	78.60	624.605	15.48
II Ten-Daily	624.557	20.24	625.070	206.6	624.891	137.1	625.261	314.4	624.808	103.6	624.632	24.89
III Ten-Daily	624.635	26.87	624.959	166.3	625.092	232.2	624.630	22.25	624.563	5.758	624.549	0.000
Monthly												
Min.	624.400	0.000	624.630	34.03	624.750	72.33	624.580	0.000	624.520	0.000	624.500	0.000
Max.	624.780	55.42	625.275	275.0	625.150	256.9	625.410	410.3	625.160	261.0	624.760	74.46
Mean	624.576	18.88	624.957	161.6	624.934	159.4	624.981	180.5	624.706	60.82	624.595	13.46

Annual Runoff in MCM = 1730 Annual Runoff in mm = 82

Peak Observed Discharge = 360.3 cumecs on 09/09/2016 Corres. Water Level :625.4 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :624.515 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 2016 - 2017

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	624.580	0.000	624.540	0.000	624.460	0.000	624.410	0.000	623.950	0.000	624.350	0.000
2	624.580	0.000	624.540	0.000	624.470	0.000	624.400	0.000	623.950	0.000	624.350	0.000
3	624.560	0.000	624.560	0.000	624.520	0.000	624.420	0.000	623.950	0.000	624.350	0.000
4	624.525	0.000	624.650	39.21	624.550	0.000	624.400	0.000	623.945	0.000	624.350	0.000
5	624.530	0.000	624.650	39.21	624.570	0.000	624.410	0.000	623.950	0.000	624.340	0.000
6	624.500	0.000	624.640	37.08	624.590	0.000	624.460	0.000	624.090	0.000	624.340	0.000
7	624.490	0.000	624.600	23.67	624.630	32.50	624.540	0.000	624.470	0.000	624.290	0.000
8	624.480	0.000	624.590	0.000	624.700	60.58	624.640	35.74	624.100	0.000	624.150	0.000
9	624.460	0.000	624.590	0.000	624.690	56.15	624.870	121.6	623.950	0.000	624.110	0.000
10	624.450	0.000	624.590	0.000	624.650	38.84	624.670	46.79	623.900	0.000	624.090	0.000
11	624.450	0.000	624.580	0.000	624.640	38.84	624.610	27.19	623.880	0.000	624.080	0.000
12	624.520	0.000	624.590	0.000	624.600	24.11 *	624.600	24.11 *	623.860	0.000	624.140	0.000
13	624.560	0.000	624.590	0.000	624.590	0.000	624.550	0.000	623.840	0.000	624.190	0.000
14	624.700	60.39	624.590	0.000	624.590	0.000	624.610	27.19	623.810	0.000	624.250	0.000
15	624.800	99.20	624.610	0.000	624.590	0.000	624.620	28.22	624.020	0.000	624.280	0.000
16	624.820	110.7	624.640	37.01	624.580	0.000	624.500	0.000	624.080	0.000	624.350	0.000
17	624.810	108.5	624.640	36.77	624.550	0.000	624.470	0.000	624.040	0.000	624.410	0.000
18	624.730	68.59 *	624.630	32.85	624.530	0.000	624.470	0.000	624.010	0.000	624.400	0.000
19	624.700	59.99	624.630	32.59	624.520	0.000	624.450	0.000	624.200	0.000	624.450	0.000
20	624.690	55.07	624.610	27.45	624.500	0.000	624.440	0.000	624.280	0.000	624.520	0.000
21	624.650	39.29	624.610	27.18	624.490	0.000	624.450	0.000	624.300	0.000	624.560	0.000
22	624.640	36.98	624.600	24.11 *	624.480	0.000	624.470	0.000	624.230	0.000	624.730	16.72
23	624.580	0.000	624.600	23.40	624.460	0.000	624.420	0.000	624.340	0.000	624.770	17.76
24	624.590	0.000	624.590	0.000	624.450	0.000	624.250	0.000	624.410	0.000	624.840	21.10
25	624.590	0.000	624.580	0.000	624.440	0.000	624.170	0.000	624.420	0.000	624.760	15.64
26	624.590	0.000	624.580	0.000	624.440	0.000	624.110	0.000	624.420	0.000	624.730	15.03
27	624.620	23.88	624.570	0.000	624.440	0.000	624.070	0.000	624.410	0.000	624.700	15.19 *
28	624.610	19.23	624.550	0.000	624.430	0.000	624.050	0.000	624.350	0.000	624.750	17.24 *
29	624.570	0.000	624.520	0.000			624.026	0.000	624.350	0.000	624.740	18.54
30	624.550	0.000	624.500	0.000			623.950	0.000	624.350	0.000	624.770	19.13
31	624.540	0.000	624.460	0.000			624.010	0.000			624.760	18.81
Ten-Daily Mean												
I Ten-Daily	624.516	0.000	624.595	13.92	624.583	18.81	624.522	20.41	624.026	0.000	624.272	0.000
II Ten-Daily	624.678	56.24	624.611	16.67	624.569	6.295	624.532	10.67	624.002	0.000	624.307	0.000
III Ten-Daily	624.594	10.85	624.560	6.790	624.454	0.000	624.180	0.000	624.358	0.000	624.737	15.92
Monthly												
Min.	624.450	0.000	624.460	0.000	624.430	0.000	623.950	0.000	623.810	0.000	624.080	0.000
Max.	624.820	110.7	624.650	39.21	624.700	60.58	624.870	121.6	624.470	0.000	624.840	21.10
Mean	624.596	21.99	624.588	12.28	624.541	8.965	624.404	10.03	624.129	0	624.448	5.651

Peak Computed Discharge = 410.3 cumecs on 11/09/2016 **Corres. Water Level :625.39 m**

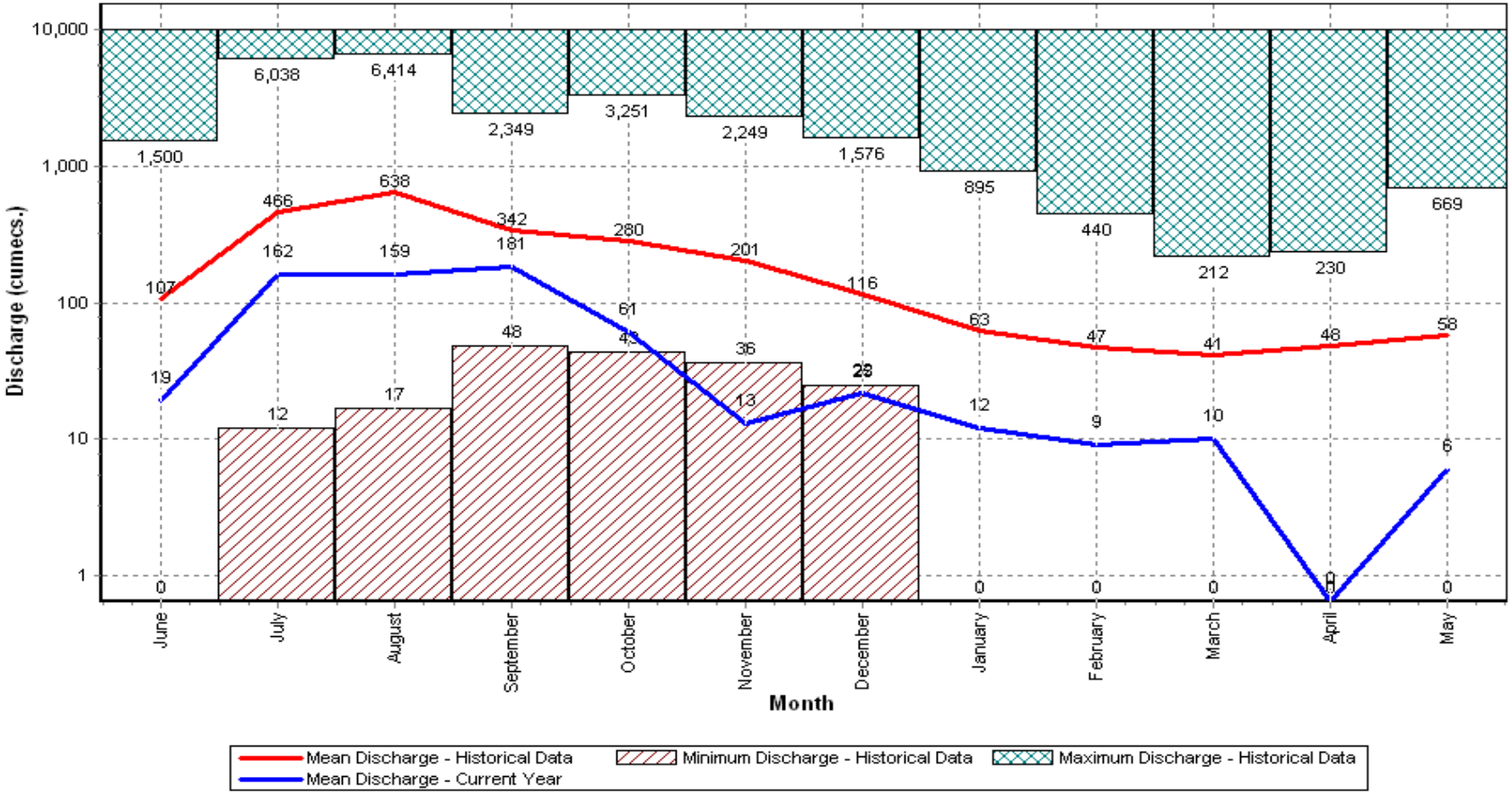
Lowest Computed Discharge = 15.19 cumecs on 27/05/2017 **Corres. Water Level :624.7 m**

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 : 2016-2017

Station Name : Kollegal (CC000R5) | **Data considered : 1971-2017** | **Division : Cauvery Division, Bangalore**

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



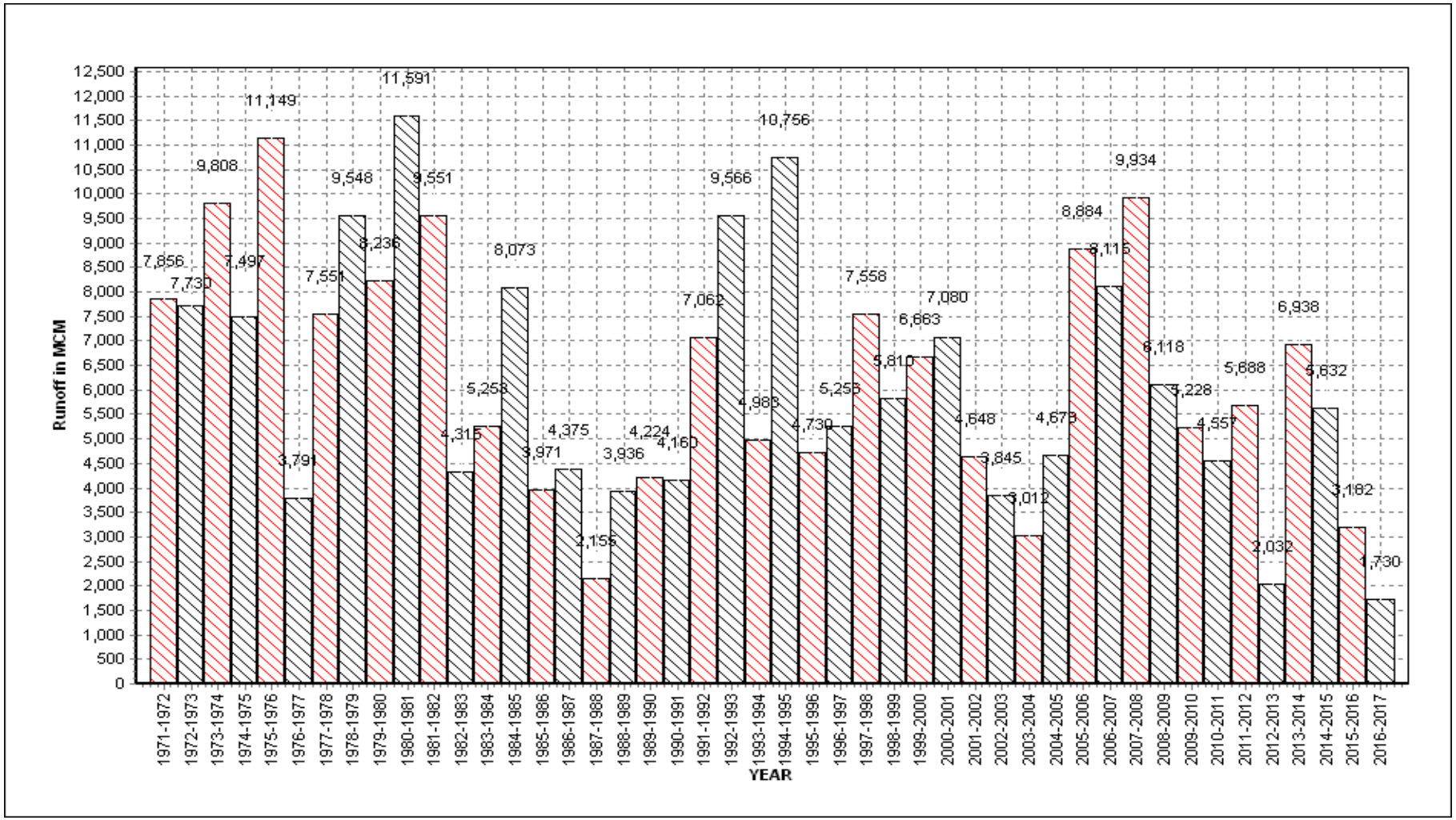
Annual Runoff Values for the period: 1971 - 2017

Station Name : Kollegal (CC000R5)

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

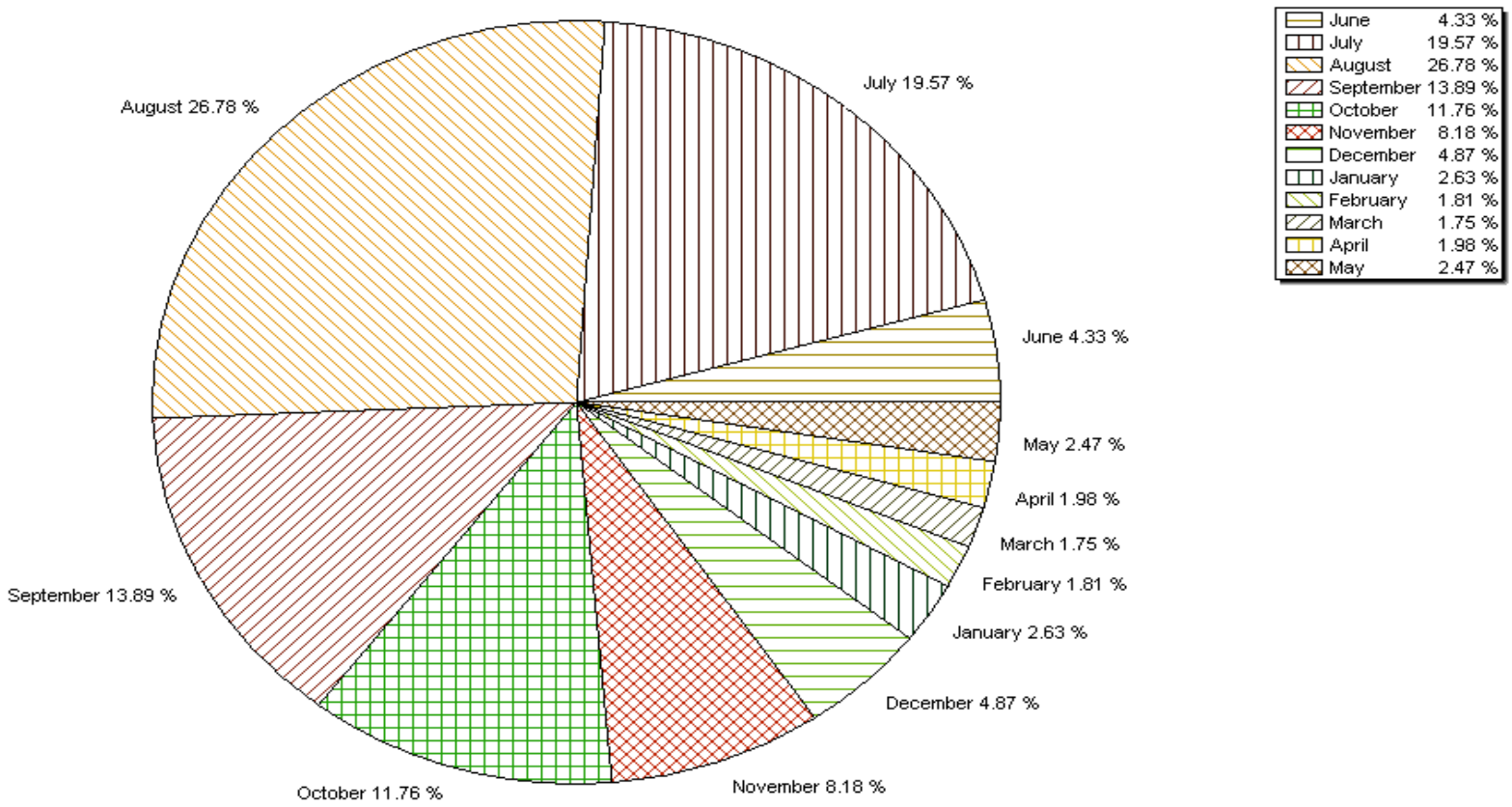
Monthly Average Runoff based on period : 1971-2016

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



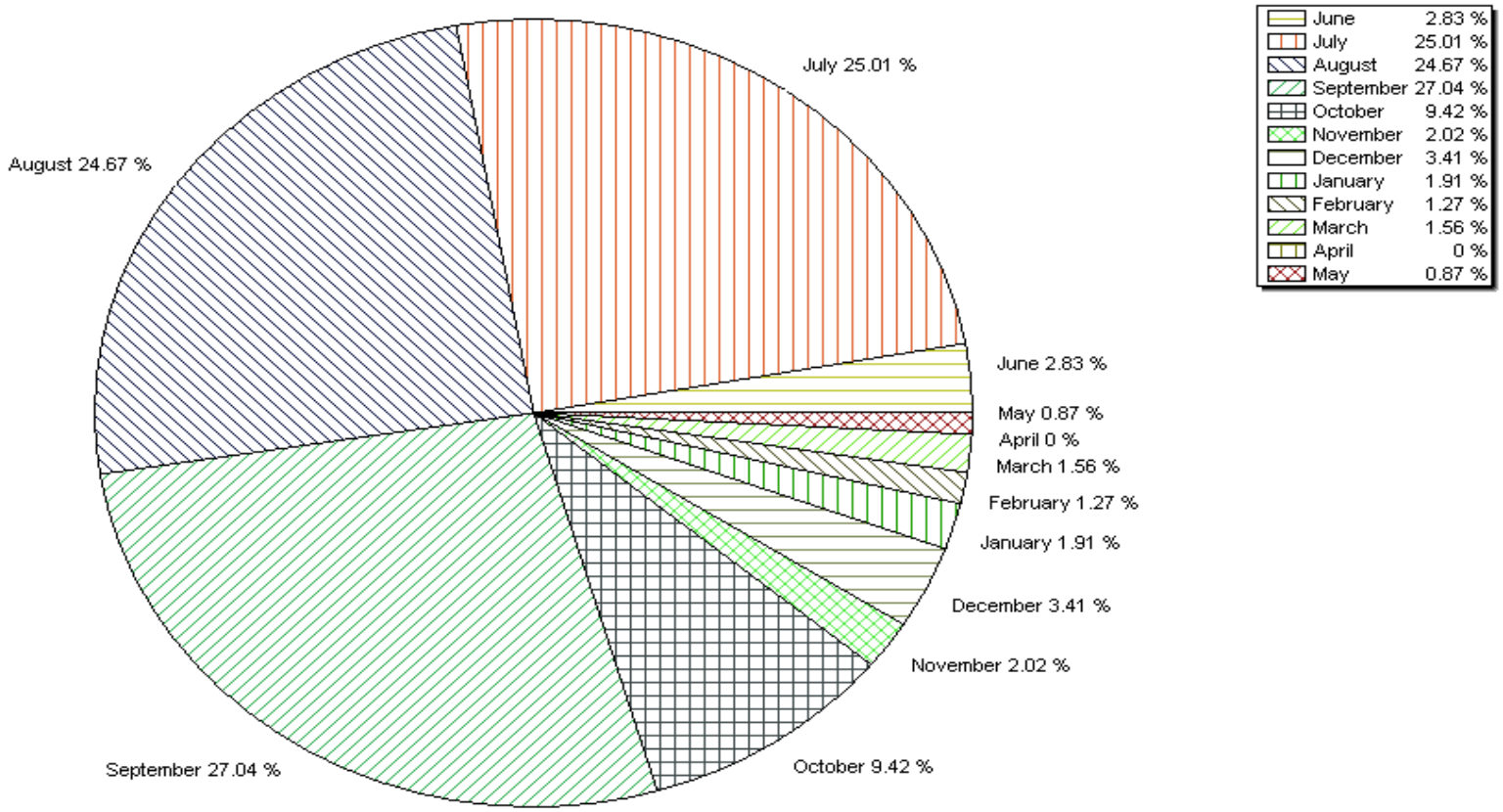
Monthly Runoff for the Year : 2016-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



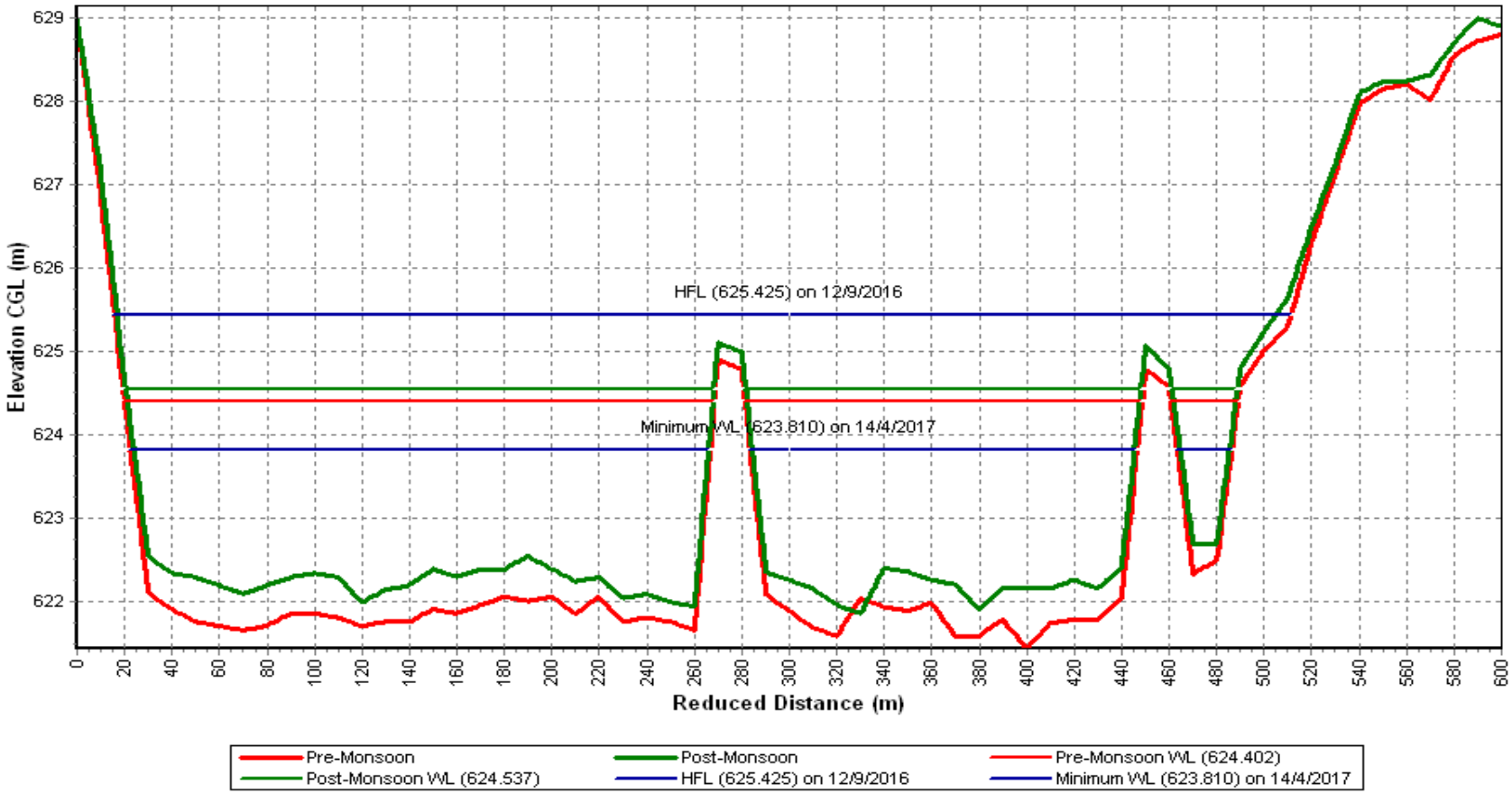
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



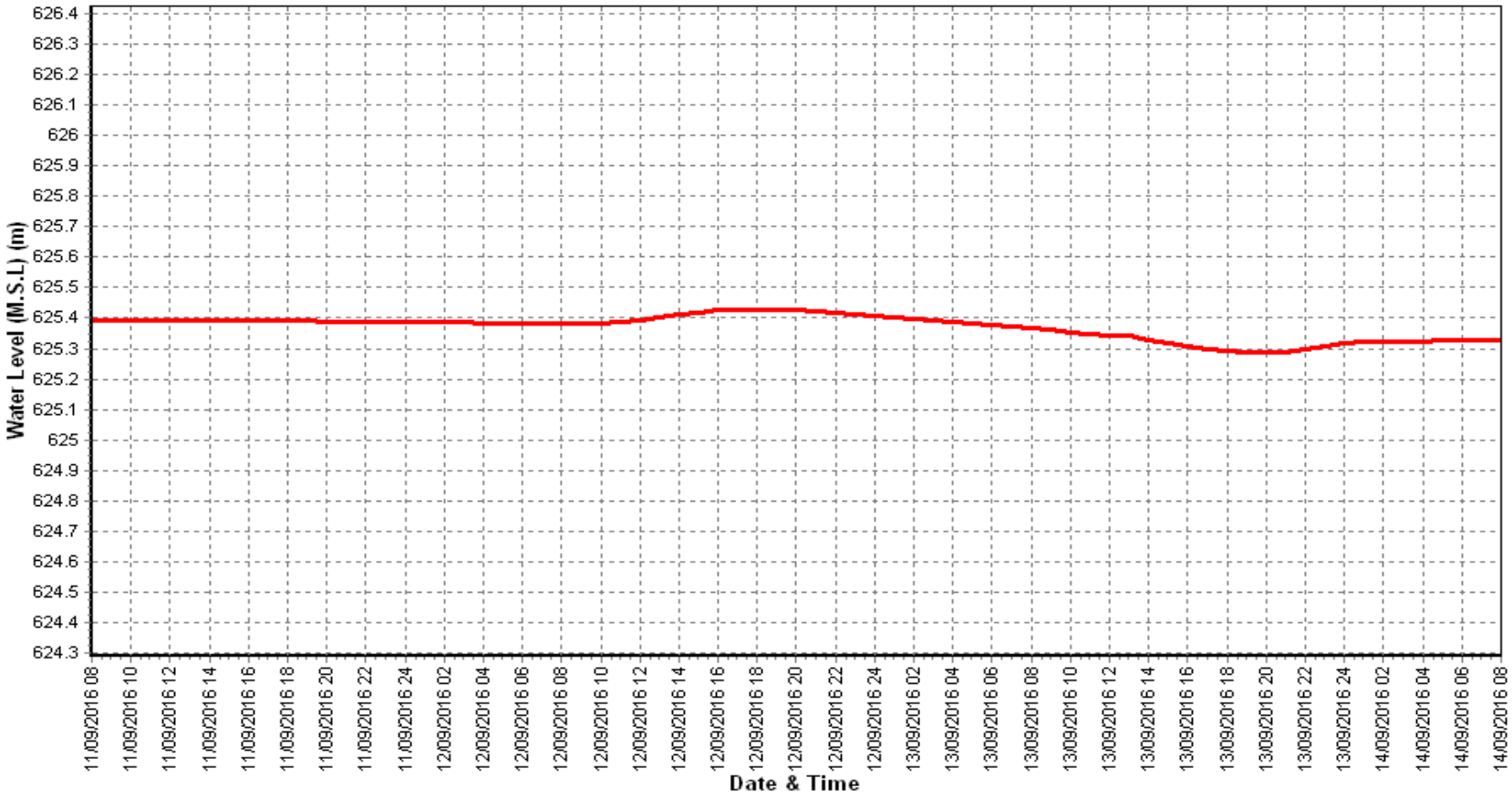
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

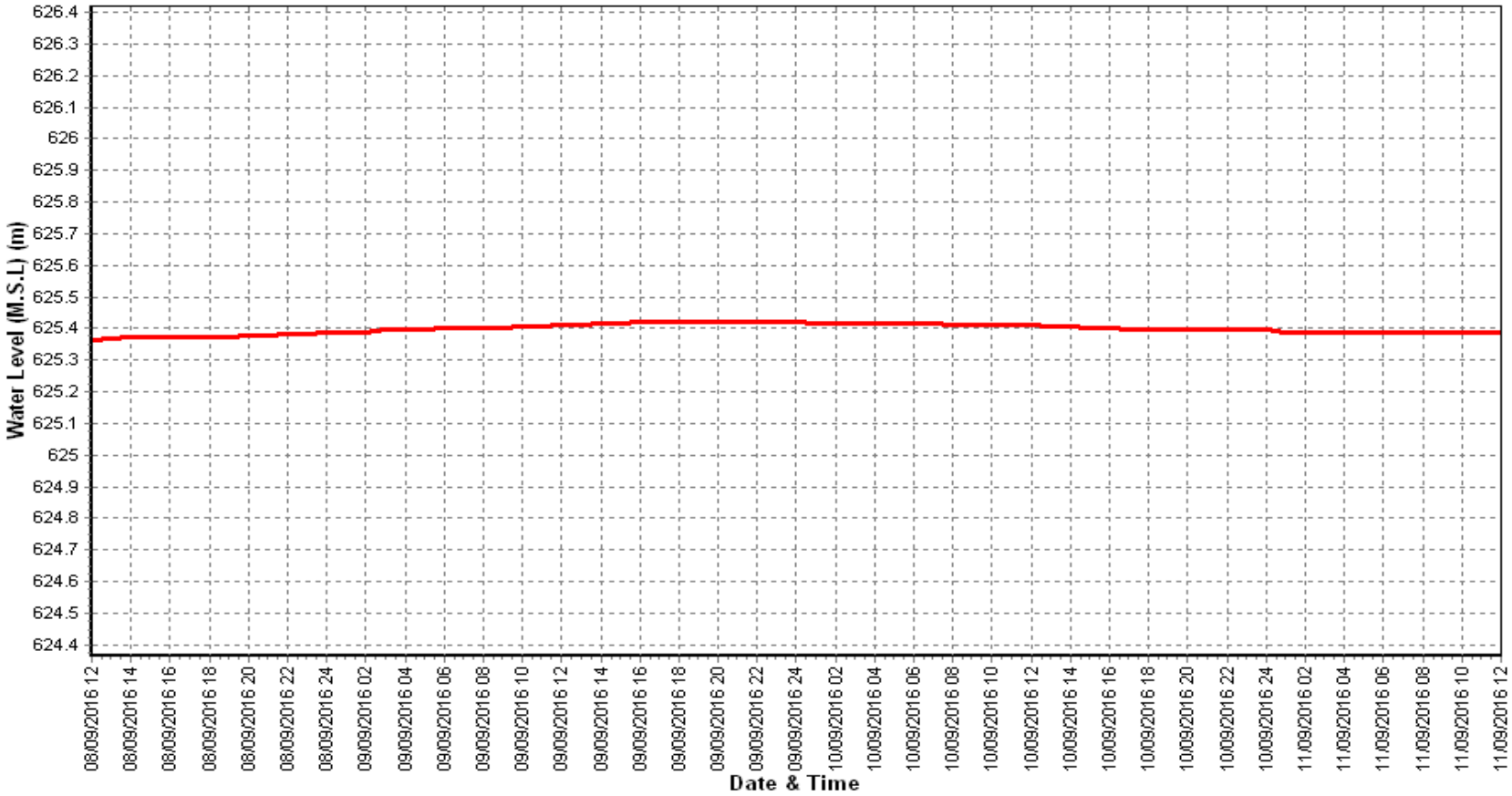
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

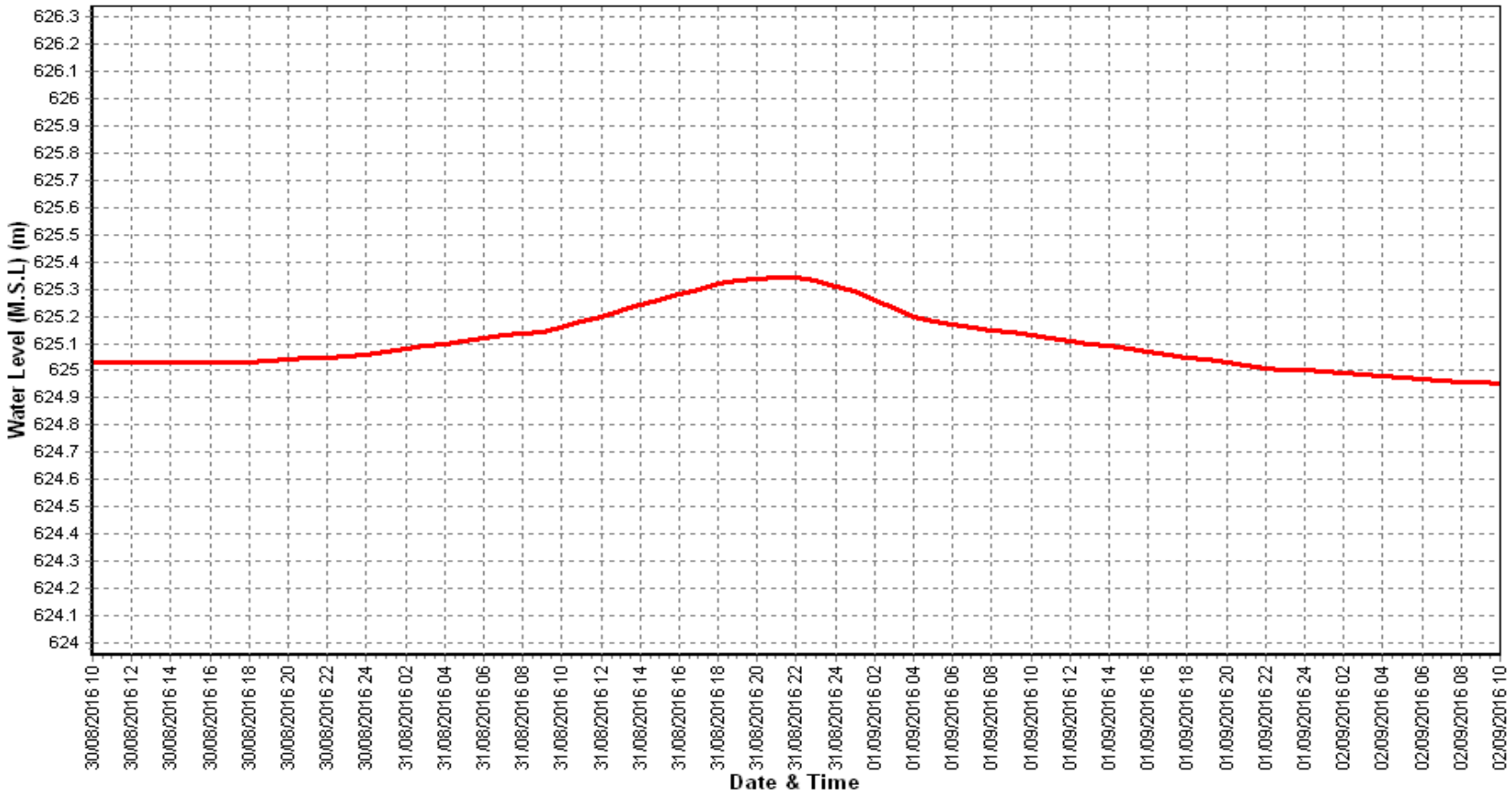
Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	631.350	0.000	631.370	0.000	631.810	0.834	631.960	0.958	631.530	0.000	631.400	0.000
2	631.350	0.000	631.350	0.000	631.700	0.569	631.810	0.538	631.530	0.000	631.460	0.000
3	631.325	0.000	631.345	0.000	631.490	0.000	631.700	0.475	631.510	0.000	631.410	0.000
4		0.000		0.000	631.495	0.000	631.640	0.000	631.510	0.000	631.425	0.000
5		0.000		0.000	631.465	0.000	631.570	0.000	631.500	0.000	631.400	0.000
6	631.380	0.000		0.000	631.450	0.000	631.540	0.000	631.480	0.000	631.400	0.000
7	631.350	0.000		0.000	631.350	0.000	631.550	0.000	631.480	0.000	631.400	0.000
8	631.370	0.000		0.000	631.330	0.000	631.540	0.000	631.470	0.000	631.370	0.000
9	631.360	0.000		0.000	631.320	0.000	631.500	0.000	631.450	0.000	631.370	0.000
10	631.360	0.000		0.000	631.390	0.000	631.490	0.000	631.440	0.000	631.360	0.000
11	631.340	0.000		0.000	631.495	0.000	631.490	0.000	631.440	0.000	631.360	0.000
12	631.370	0.000		0.000	631.500	0.000	631.450	0.000	631.420	0.000	631.350	0.000
13	631.350	0.000	631.670	0.430	631.670	0.443	631.430	0.000	631.560	0.000		0.000
14	631.340	0.000	631.000	0.000	631.650	0.377 *	631.740	0.551	631.620	0.105		0.000
15	631.360	0.000		0.000	631.590	0.291 *	631.840	0.708 #	631.550	0.000	631.350	0.000
16	631.350	0.000		0.000	631.500	0.000	631.920	0.846	631.550	0.000	631.350	0.000
17	631.300	0.000	631.720	0.000	631.653	0.370	631.870	0.777	631.530	0.000	631.350	0.000
18	631.300	0.000	631.430	0.000	631.755	0.574	631.860	0.748 *	631.450	0.000	631.345	0.000
19		0.000	631.380	0.000	631.690	0.350	631.800	0.680	631.430	0.000	631.340	0.000
20		0.000	631.380	0.000	631.730	0.533	631.600	0.283	631.430	0.000	631.350	0.000
21		0.000	631.400	0.000	631.680	0.423 *	631.540	0.000	631.420	0.000		0.000
22		0.000	631.390	0.000	631.640	0.380	631.540	0.000	631.420	0.000		0.000
23		0.000	631.390	0.000	631.565	0.269	631.540	0.000	631.420	0.000		0.000
24		0.000	631.370	0.000	631.680	0.409	631.480	0.000	631.420	0.000		0.000
25		0.000	631.370	0.000	631.730	0.537	631.400	0.000	631.410	0.000	631.340	0.000
26		0.000	631.335	0.000	631.800	0.594	631.530	0.000	631.400	0.000	631.350	0.000
27	631.350	0.000	631.370	0.000	631.880	0.767	631.620	0.077	631.400	0.000	631.350	0.000
28	631.370	0.000	631.460	0.000	631.680	0.423 *	631.590	0.076	631.400	0.000	631.360	0.000
29	631.360	0.000	631.750	0.540 #	631.620	0.290	631.590	0.076	631.400	0.000	631.350	0.000
30	631.350	0.000	631.750	0.669 #	631.690	0.413	631.580	0.072	631.400	0.000	631.350	0.000
31			631.950	0.941 *	631.890	0.724			631.400	0.000		
Ten-Daily Mean												
I Ten-Daily	631.356	0.000	631.355	0.000	631.480	0.140	631.630	0.197	631.490	0.000	631.400	0.000
II Ten-Daily	631.339	0.000	631.430	0.043	631.623	0.294	631.700	0.459	631.498	0.010	631.349	0.000
III Ten-Daily	631.357	0.000	631.503	0.195	631.714	0.475	631.541	0.030	631.408	0.000	631.350	0.000
Monthly												
Min.	631.300	0.000	631.000	0.000	631.320	0.000	631.400	0.000	631.400	0.000	631.340	0.000
Max.	631.380	0.000	631.950	0.941	631.890	0.834	631.960	0.958	631.620	0.105	631.460	0.000
Mean	631.349	0	631.459	0.083	631.609	0.309	631.624	0.229	631.464	0.003	631.370	0

Annual Runoff in MCM = 2 Annual Runoff in mm = 1

Peak Observed Discharge = 0.958 cumecs on 01/09/2016 Corres. Water Level :631.96 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :631.35 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 2016 - 2017

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	631.340	0.000	631.360	0.000		0.000		0.000		0.000		0.000
2	634.360	0.000	631.350	0.000		0.000		0.000		0.000		0.000
3	631.350	0.000	631.350	0.000		0.000		0.000		0.000		0.000
4	631.350	0.000	631.375	0.000		0.000		0.000		0.000		0.000
5	631.340	0.000	631.380	0.000		0.000		0.000		0.000		0.000
6	631.370	0.000	631.365	0.000		0.000		0.000		0.000		0.000
7	631.360	0.000	631.370	0.000		0.000		0.000		0.000		0.000
8	631.350	0.000	631.375	0.000		0.000		0.000		0.000		0.000
9	631.350	0.000	631.375	0.000		0.000		0.000		0.000		0.000
10	631.340	0.000	631.360	0.000		0.000		0.000		0.000		0.000
11	631.350	0.000	631.360	0.000		0.000		0.000		0.000		0.000
12	631.385	0.000	631.350	0.000		0.000		0.000		0.000		0.000
13	631.430	0.000	631.350	0.000		0.000		0.000		0.000		0.000
14	631.410	0.000	631.350	0.000		0.000		0.000		0.000		0.000
15	631.370	0.000	631.350	0.000		0.000		0.000		0.000		0.000
16	631.360	0.000	631.350	0.000		0.000		0.000		0.000		0.000
17	631.360	0.000	631.340	0.000		0.000		0.000		0.000		0.000
18	631.360	0.000	631.340	0.000		0.000		0.000		0.000		0.000
19	631.350	0.000	631.330	0.000		0.000		0.000		0.000		0.000
20	631.350	0.000	631.330	0.000		0.000		0.000		0.000		0.000
21	631.350	0.000	631.330	0.000		0.000		0.000		0.000		0.000
22	631.340	0.000	631.320	0.000		0.000		0.000		0.000		0.000
23	631.350	0.000	631.320	0.000		0.000		0.000		0.000		0.000
24	631.350	0.000		0.000		0.000		0.000		0.000		0.000
25	631.365	0.000		0.000		0.000		0.000		0.000	631.380	0.000
26	631.370	0.000		0.000		0.000		0.000		0.000	631.470	0.000
27	631.360	0.000		0.000		0.000		0.000		0.000	631.380	0.000
28	631.360	0.000		0.000		0.000		0.000		0.000	631.340	0.000
29	631.380	0.000		0.000				0.000		0.000	631.330	0.000
30	631.370	0.000		0.000				0.000		0.000	631.330	0.000
31	631.370	0.000		0.000				0.000			631.320	0.000
Ten-Daily Mean												
I Ten-Daily	631.651	0.000	631.366	0.000		0.000		0.000		0.000		0.000
II Ten-Daily	631.372	0.000	631.345	0.000		0.000		0.000		0.000		0.000
III Ten-Daily	631.360	0.000	631.323	0.000		0.000		0.000		0.000	631.364	0.000
Monthly												
Min.	631.340	0.000	631.320	0.000		0.000		0.000		0.000	631.320	0.000
Max.	634.360	0.000	631.380	0.000		0.000		0.000		0.000	631.470	0.000
Mean	631.458	0	631.351	0		0		0		0	631.364	0

Peak Computed Discharge = 0.941 cumecs on 31/07/2016 **Corres. Water Level :631.95 m**

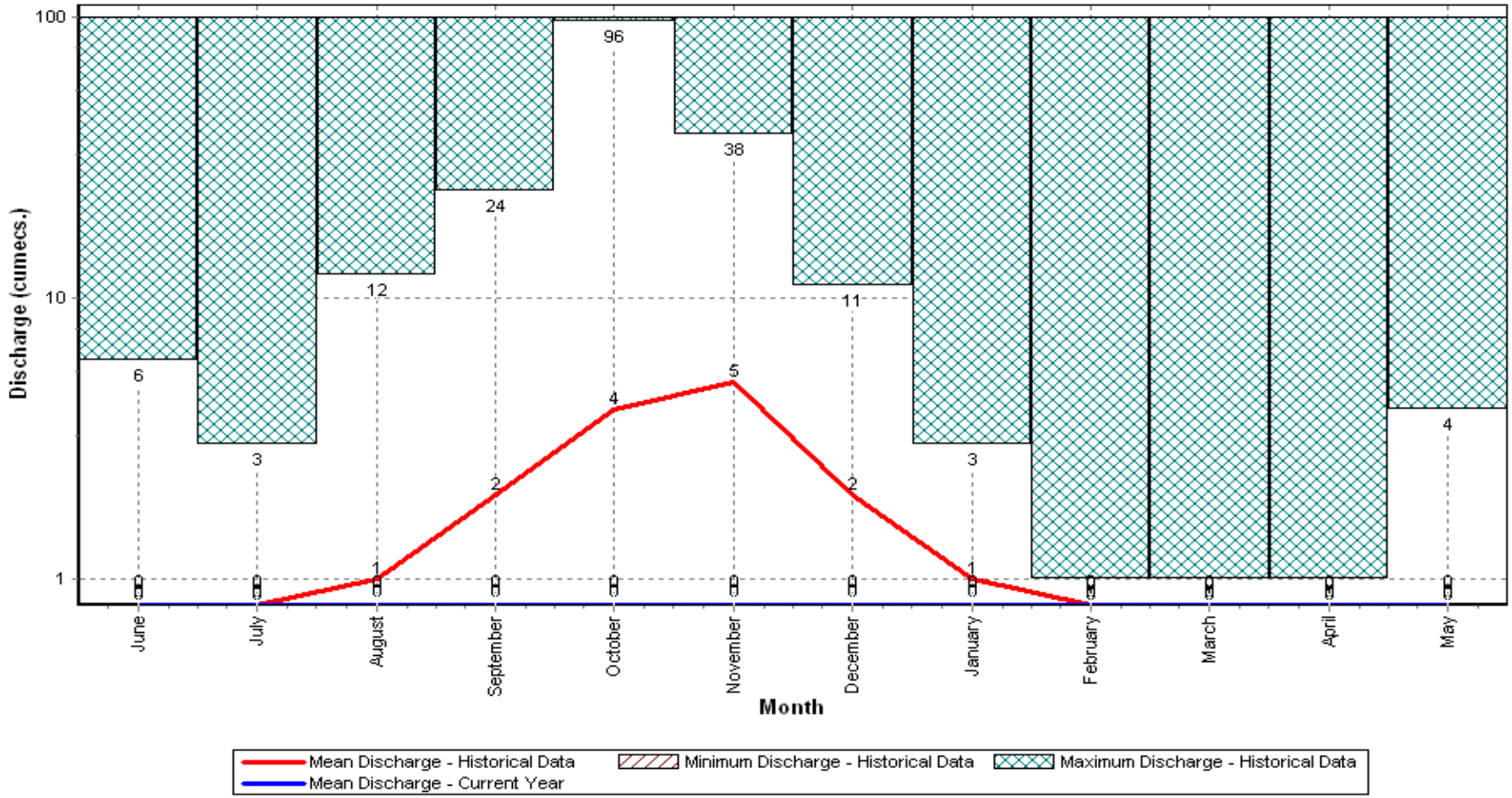
Lowest Computed Discharge = 0.291 cumecs on 15/08/2016 **Corres. Water Level :631.59 m**

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 : 2016-2017

Station Name : Bendrahalli (CCN00J5) **Data considered : 2006-2017** **Division : Cauvery Division, Bangalore**

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



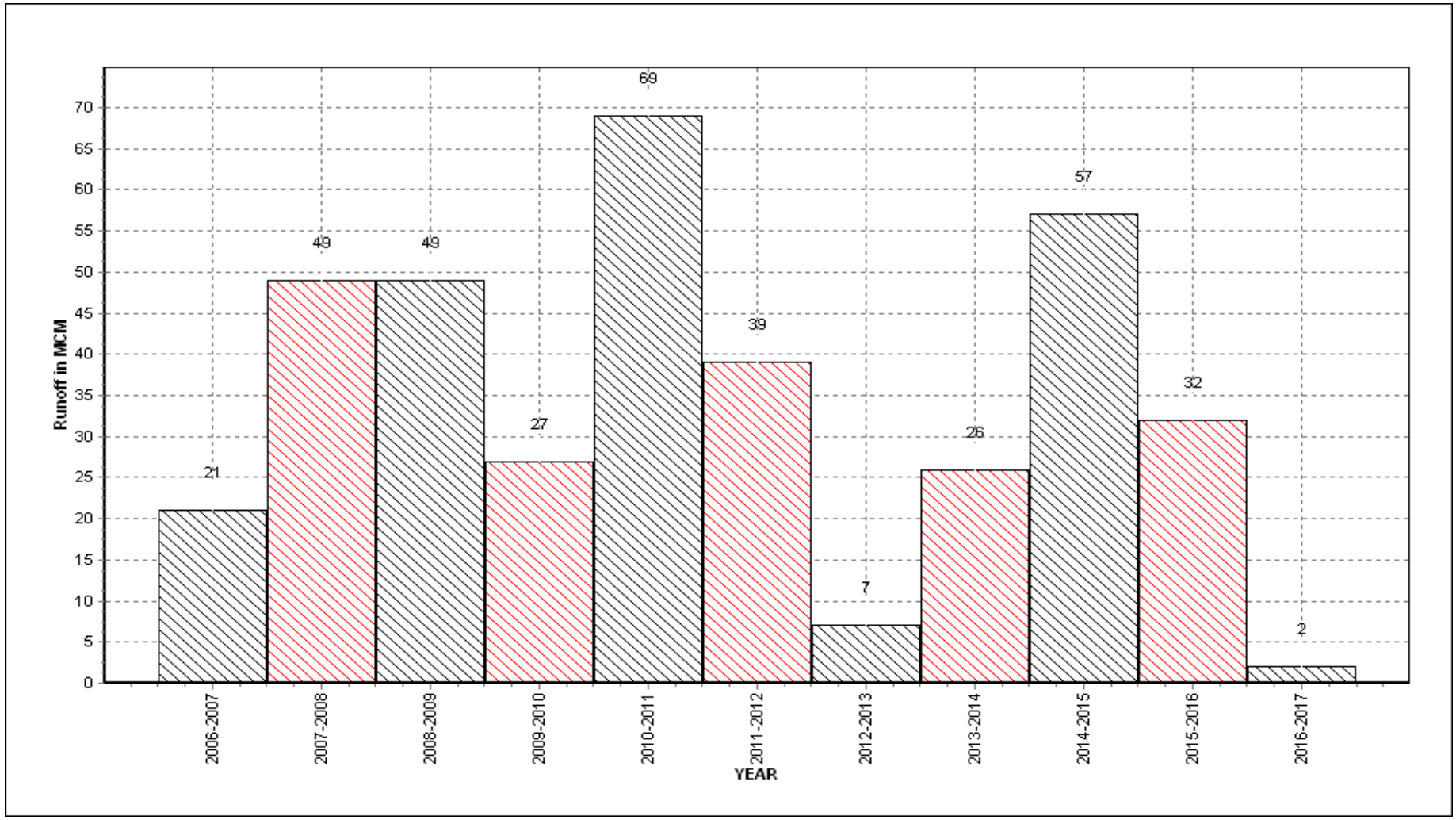
Annual Runoff Values for the period: 2006 - 2017

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

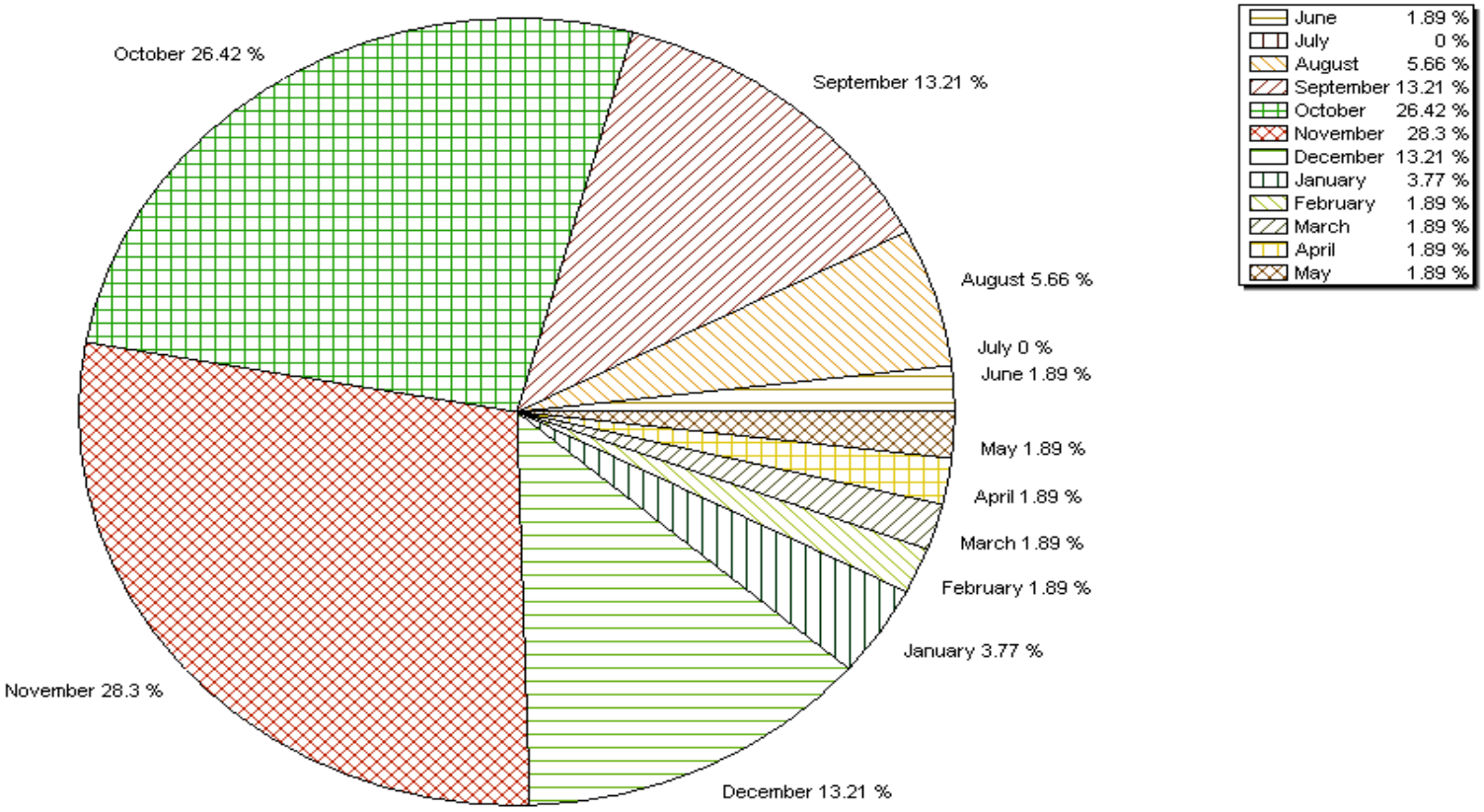


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2006-2016

Station Name : Bendrahalli (CCN00J5)
Local River : Suvarnavathi

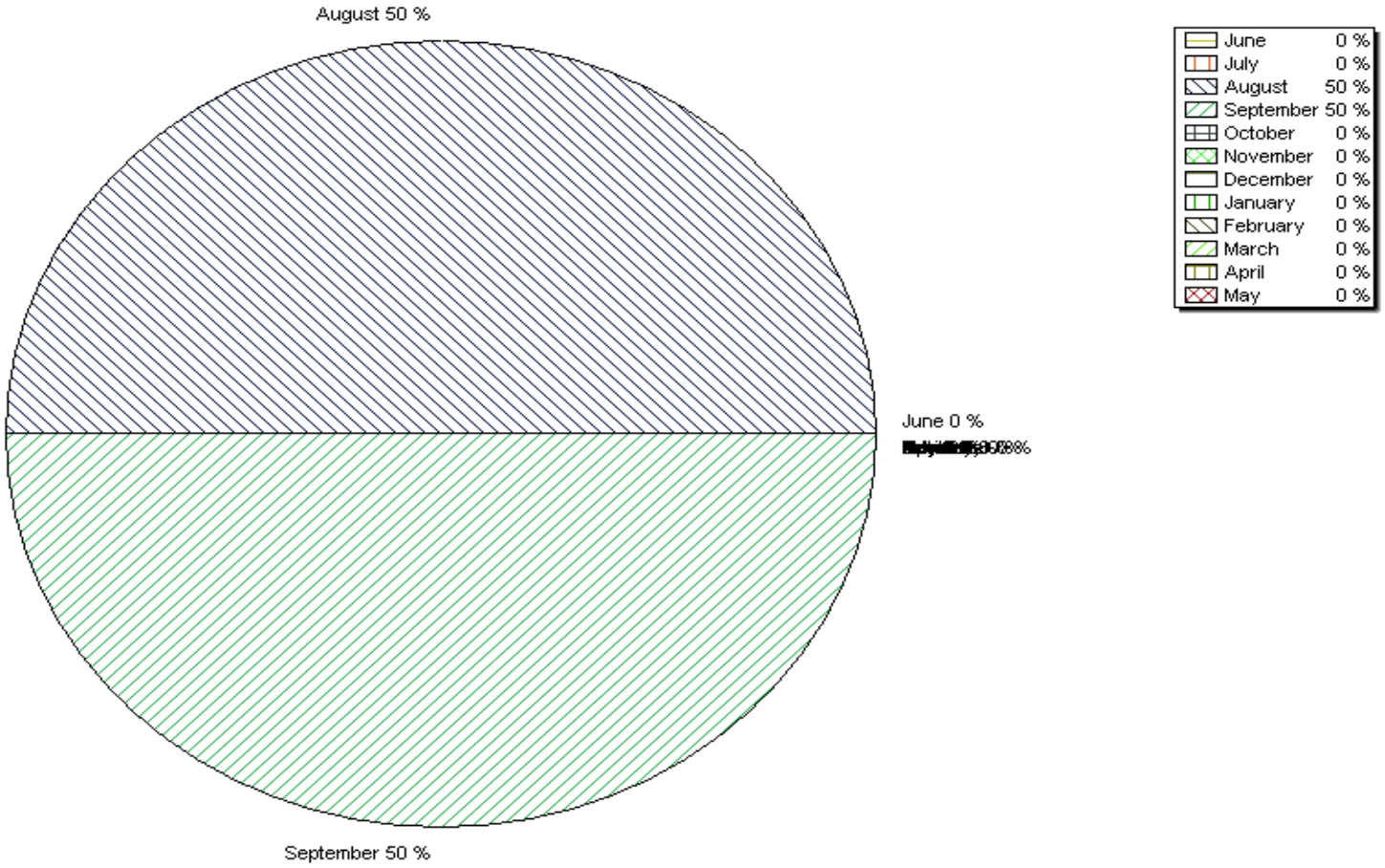
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : Bendrahalli (CCN00J5)
Local River : Suvarnavathi

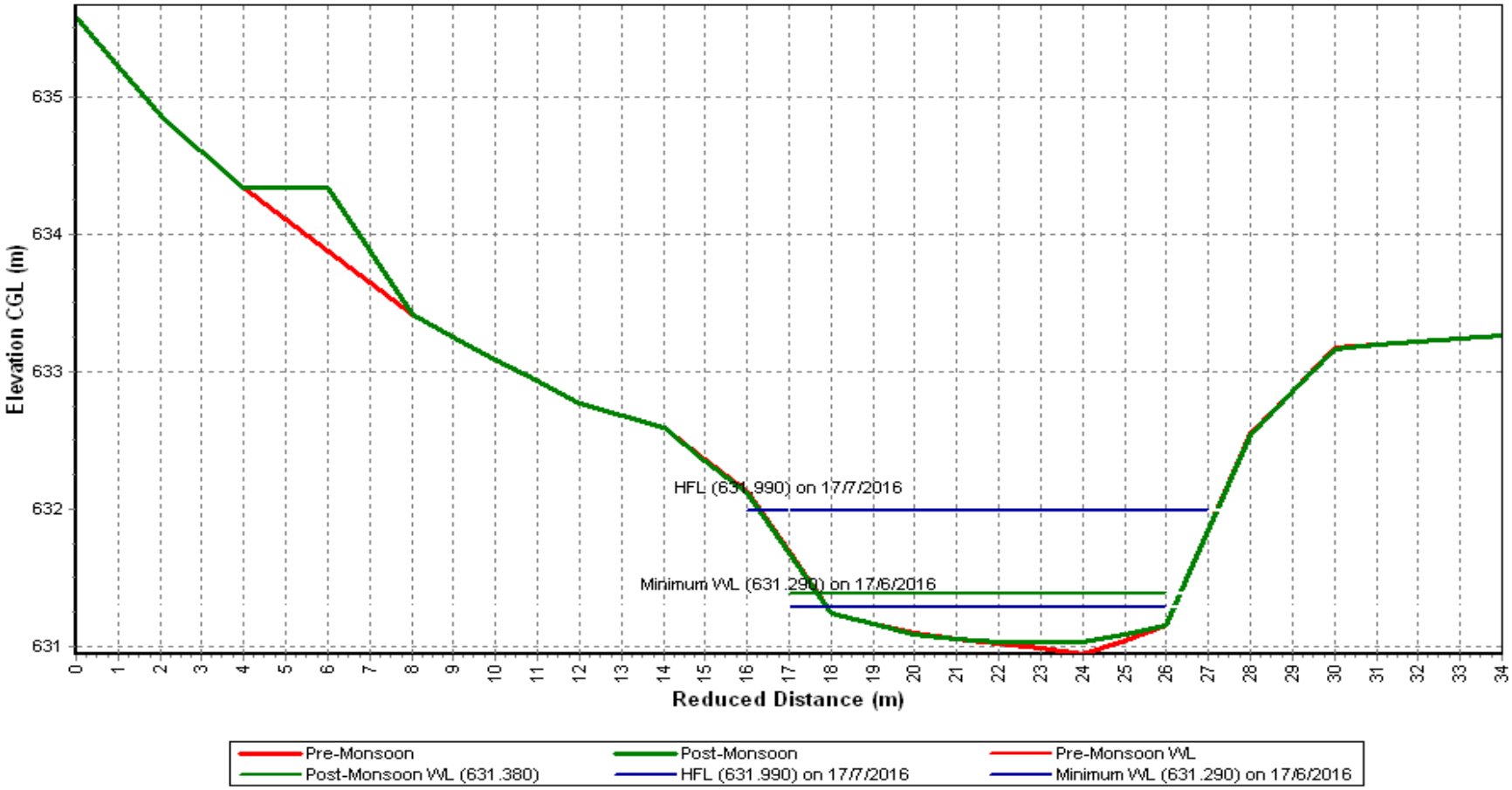
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Bendrahalli (CCN00J5) | **Division : Cauvery Division, Bangalore**

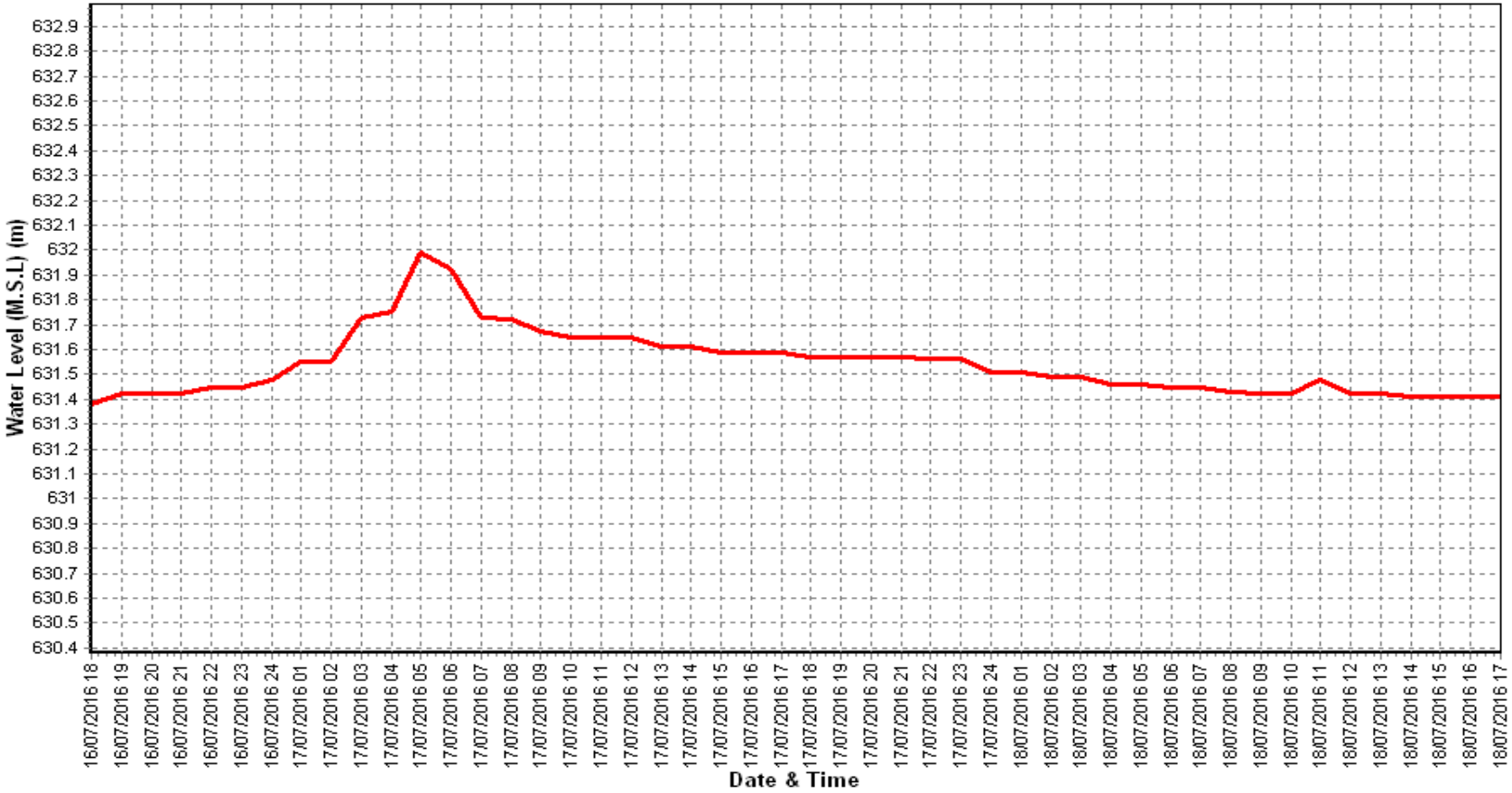
Local River : Suvarnavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

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

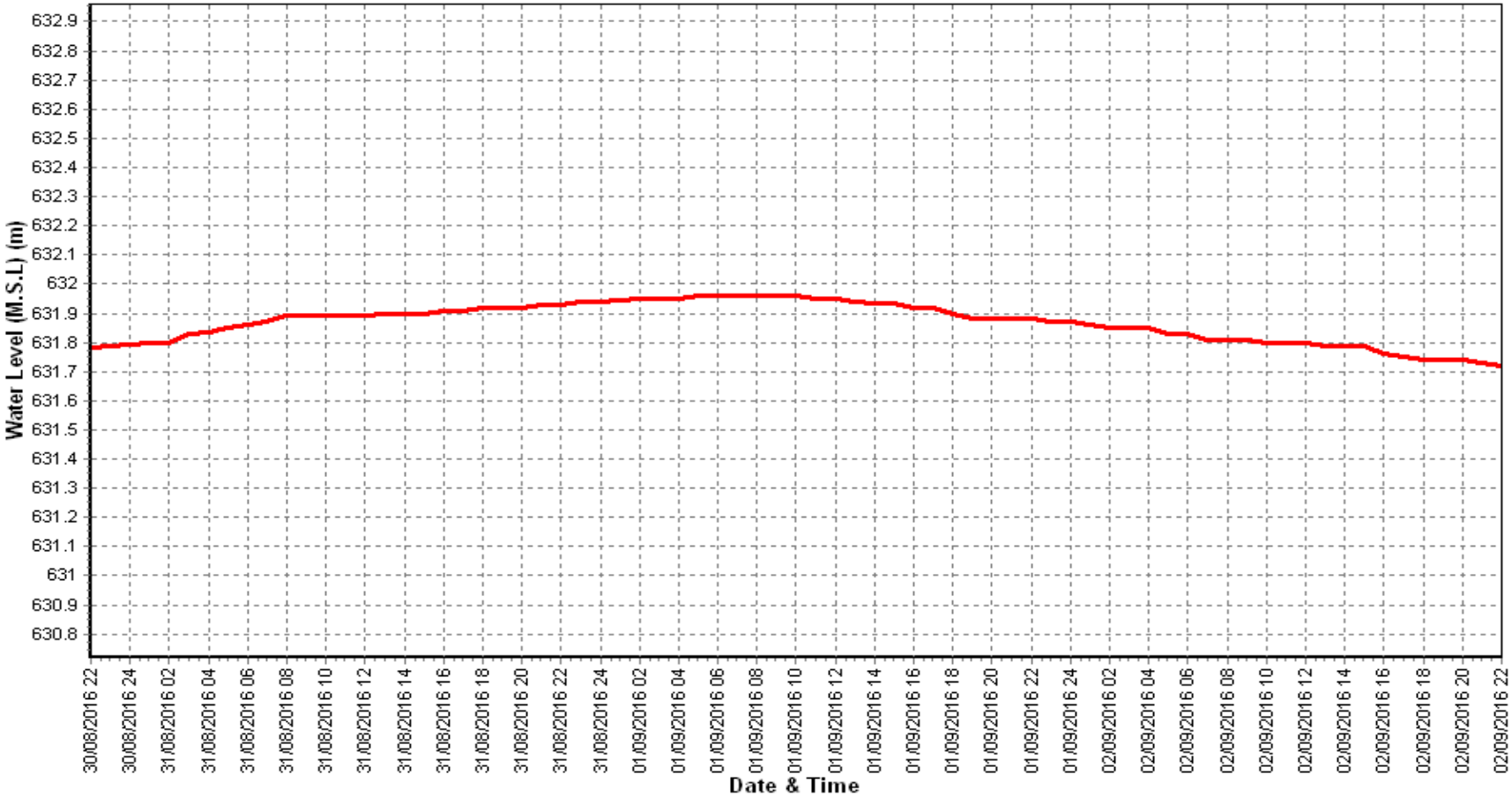


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Bendrahalli (CCN00J5) **Division : Cauvery Division, Bangalore**

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

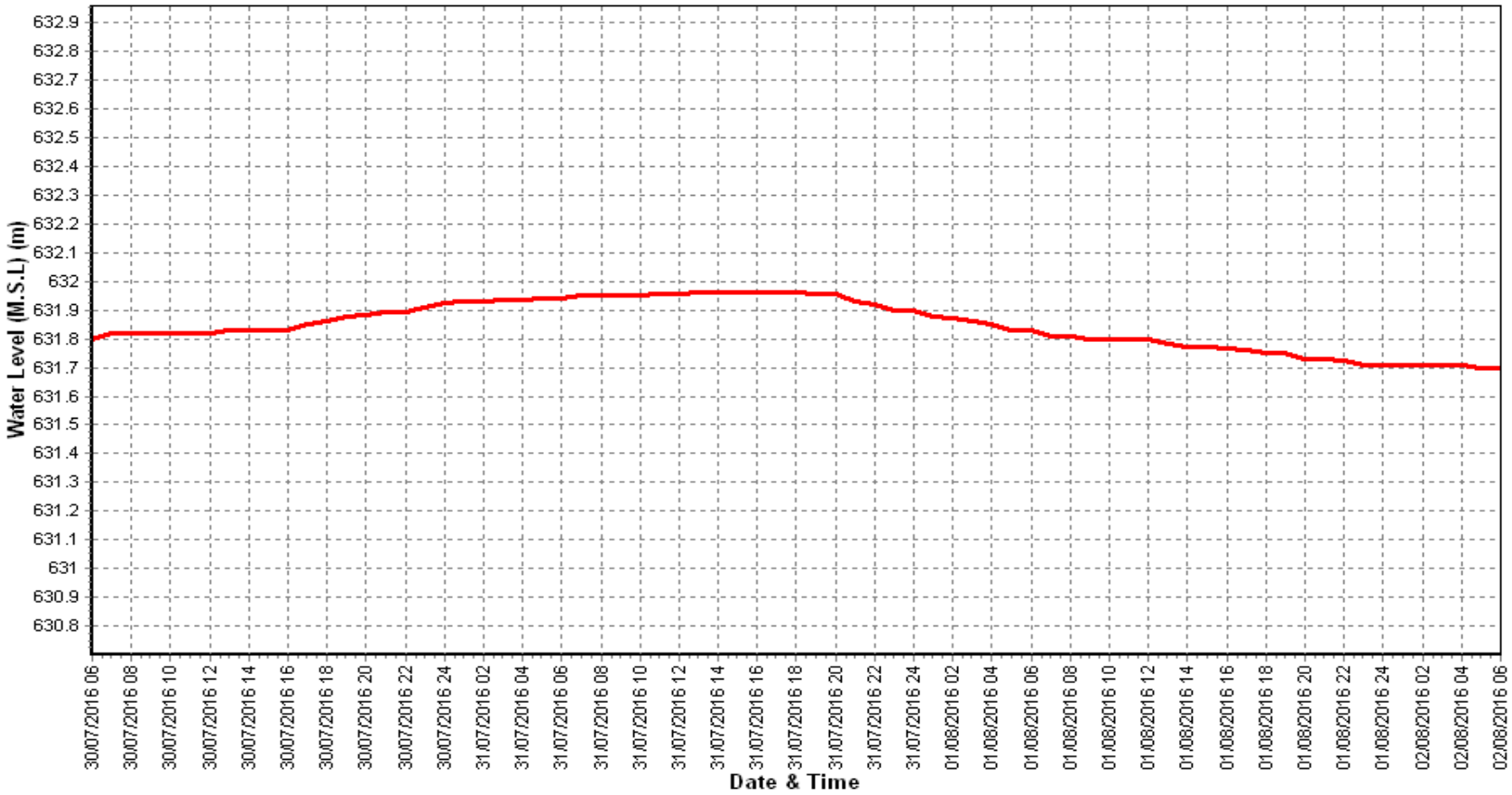


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	634.460	0.000	634.610	20.68	634.890	0.000	635.340	98.53	634.590	22.70	634.770	0.000
2	634.530	0.000	635.100	72.57	634.845	0.000	635.100	68.46 *	634.550	21.24 *	634.705	0.000
3	634.700	0.000	635.260	86.11 *	634.820	0.000	635.070	69.03	634.550	21.40	634.630	0.000
4	634.645	22.38 #	635.230	85.91	634.830	0.000	635.040	62.27 *	634.530	0.000	634.590	0.000
5	634.490	6.947 *	635.200	84.72	634.830	0.000	634.910	49.70 *	634.410	0.000	634.540	0.000
6	634.420	2.881 #	635.160	80.73	634.810	0.000	634.890	47.87 *	634.980	60.16	634.530	0.000
7	634.380	0.000	635.160	74.88 *	634.960	54.40 *	634.955	53.93 *	635.050	66.39	634.500	0.000
8	634.320	0.000	635.325	96.09	634.940	50.51	635.950	142.5	635.270	88.91	634.460	0.000
9	634.250	0.000	635.365	100.6	634.880	47.95	636.130	194.4	635.440	107.9 *	634.400	0.000
10	634.200	0.000	635.350	96.74 *	634.890	49.08	636.035	184.9	635.710	139.4	634.500	0.000
11	634.190	0.000	635.350	100.6	634.870	46.71	635.990	186.3 *	635.450	109.2 *	634.500	0.000
12	634.400	0.000	635.395	104.1	635.025	60.35	636.080	189.6	635.030	61.27 *	634.570	22.56 *
13	634.480	0.000	635.350	100.7	635.130	74.53	635.810	158.7 *	634.885	50.80	634.710	32.69 *
14	634.440	0.000	635.520	120.7	635.100	68.46 *	635.750	140.2	635.035	66.74	634.840	43.42 *
15	634.480	0.000	635.805	144.9	635.030	61.27 *	635.695	134.9	634.780	40.60	634.740	35.05 *
16	634.550	0.000	635.555	122.7	635.090	68.76	635.670	131.8	634.710	32.69 *	634.800	39.98 *
17	634.590	0.000	635.550	122.2 *	635.170	77.51	635.630	129.3	634.615	24.14	634.750	36.27
18	634.795	42.07	635.485	115.4	635.200	81.33	635.560	123.5 *	634.580	22.15	634.510	0.000
19	634.910	64.82 *	635.470	113.8	635.250	86.57	635.415	105.3	634.560	21.69	634.470	0.000
20	634.695	29.98	635.235	87.35	635.605	126.4	635.110	73.12	634.530	19.48	634.430	0.000
21	634.595	18.30	635.170	81.55	635.650	135.8 *	634.875	48.83	634.410	0.000	634.370	0.000
22	634.550	12.42	635.130	75.75	635.630	133.0 *	634.695	32.52	634.370	0.000	634.300	0.000
23	634.595	15.04	635.130	74.76	635.560	123.5 *	634.555	20.43	634.340	0.000	634.340	0.000
24	634.545	11.23	635.130	0.000	635.615	127.9	634.540	19.81	634.340	0.000	634.450	0.000
25	634.530	10.42	635.130	0.000	635.340	101.8	634.580	23.23 *	634.340	0.000	634.480	0.000
26	634.490	0.000	635.090	0.000	635.265	89.25	634.590	22.47	634.350	0.000	634.480	0.000
27	634.380	0.000	635.100	0.000	635.405	105.7	634.595	22.54	634.400	0.000	634.500	0.000
28	634.760	35.39	635.120	0.000	635.430	106.6 *	634.650	26.84	634.450	0.000	634.510	0.000
29	634.835	46.49	635.155	78.01	635.345	100.1	634.600	22.75	634.610	0.000	634.520	0.000
30	634.720	34.95	635.050	63.29 *	635.330	96.38	634.600	23.23	634.730	0.000	634.510	0.000
31			634.960	54.40 *	635.850	140.5			634.700	0.000		
Ten-Daily Mean												
I Ten-Daily	634.440	3.221	635.176	79.91	634.870	20.19	635.342	97.16	634.908	52.81	634.563	0.000
II Ten-Daily	634.553	13.69	635.471	113.3	635.147	75.19	635.671	137.3	634.818	44.88	634.632	21.00
III Ten-Daily	634.600	18.42	635.106	38.89	635.493	114.6	634.628	26.26	634.458	0.000	634.446	0.000
Monthly												
Min.	634.190	0.000	634.610	0.000	634.810	0.000	634.540	19.81	634.340	0.000	634.300	0.000
Max.	634.910	64.82	635.805	144.9	635.850	140.5	636.130	194.4	635.710	139.4	634.840	43.42
Mean	634.531	11.78	635.246	76.11	635.180	71.43	635.214	86.9	634.719	31.51	634.547	6.999

Annual Runoff in MCM = 753 Annual Runoff in mm = 108

Peak Observed Discharge = 194.4 cumecs on 09/09/2016 Corres. Water Level :636.13 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :634.46 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 2016 - 2017

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	634.510	0.000	634.330	0.000	634.330	0.000	634.350	0.000	634.300	0.000	634.340	0.000
2	634.510	0.000	634.330	0.000	634.380	0.000	634.380	0.000	634.330	0.000	634.270	0.000
3	634.490	0.000	634.330	0.000	634.250	0.000	634.360	0.000	634.340	0.000	634.440	0.000
4	634.400	0.000	634.330	0.000	634.400	0.000	634.390	0.000	634.300	0.000	634.410	0.000
5	634.300	0.000	634.330	0.000	634.400	0.000	634.440	0.000	634.320	0.000	634.350	0.000
6	634.220	0.000	634.330	0.000	634.500	0.000	634.460	0.000	634.290	0.000	634.300	0.000
7	634.150	0.000	634.330	0.000	634.500	0.000	634.520	0.000	634.320	0.000	634.260	0.000
8	634.100	0.000	634.320	0.000	634.410	0.000	634.550	0.000	634.350	0.000	634.290	0.000
9	634.170	0.000	634.320	0.000	634.350	0.000	634.520	0.000	634.350	0.000	634.340	0.000
10	634.290	0.000	634.320	0.000	634.340	0.000	634.410	0.000	634.300	0.000	634.460	0.000
11	634.460	0.000	634.320	0.000	634.320	0.000	634.350	0.000	634.320	0.000	634.400	0.000
12	634.440	0.000	634.330	0.000	634.320	0.000	634.250	0.000	634.200	0.000	634.420	0.000
13	634.470	0.000	634.330	0.000	634.320	0.000	634.150	0.000	634.150	0.000	634.410	0.000
14	634.590	0.000	634.320	0.000	634.330	0.000	634.080	0.000	634.090	0.000	634.390	0.000
15	634.650	0.000	634.330	0.000	634.250	0.000	634.020	0.000	634.600	0.000	634.400	0.000
16	634.620	0.000	634.320	0.000	634.200	0.000	634.030	0.000	634.460	0.000	634.420	0.000
17	634.580	0.000	634.320	0.000	634.240	0.000	634.390	0.000	634.400	0.000	634.390	0.000
18	634.540	0.000	634.310	0.000	634.320	0.000	634.390	0.000	634.480	0.000	634.380	0.000
19	634.490	0.000	634.300	0.000	634.230	0.000	634.360	0.000	634.500	0.000	634.520	0.000
20	634.490	0.000	634.290	0.000	634.220	0.000	634.330	0.000	634.460	0.000	634.680	0.000
21	634.460	0.000	634.270	0.000	634.250	0.000	634.470	0.000	634.530	0.000	634.710	0.000
22	634.400	0.000	634.270	0.000	634.270	0.000	634.020	0.000	634.540	0.000	634.750	0.000
23	634.440	0.000	634.270	0.000	634.390	0.000	634.000	0.000	634.550	0.000	634.650	0.000
24	634.440	0.000	634.250	0.000	634.450	0.000	634.340	0.000	634.490	0.000	634.520	0.000
25	634.430	0.000	634.250	0.000	634.440	0.000	634.430	0.000	634.440	0.000	634.520	0.000
26	634.410	0.000	634.140	0.000	634.360	0.000	634.400	0.000	634.400	0.000	634.460	0.000
27	634.410	0.000	634.150	0.000	634.360	0.000	634.370	0.000	634.370	0.000	634.490	0.000
28	634.390	0.000	634.050	0.000	634.360	0.000	634.340	0.000	634.410	0.000	634.590	0.000
29	634.380	0.000	633.920	0.000			634.290	0.000	634.360	0.000	634.700	0.000
30	634.380	0.000	633.990	0.000			634.260	0.000	634.340	0.000	634.630	0.000
31	634.340	0.000	634.250	0.000			634.240	0.000			634.500	0.000
Ten-Daily Mean												
I Ten-Daily	634.314	0.000	634.327	0.000	634.386	0.000	634.438	0.000	634.320	0.000	634.346	0.000
II Ten-Daily	634.533	0.000	634.317	0.000	634.275	0.000	634.235	0.000	634.366	0.000	634.441	0.000
III Ten-Daily	634.407	0.000	634.164	0.000	634.360	0.000	634.287	0.000	634.443	0.000	634.593	0.000
Monthly												
Min.	634.100	0.000	633.920	0.000	634.200	0.000	634.000	0.000	634.090	0.000	634.260	0.000
Max.	634.650	0.000	634.330	0.000	634.500	0.000	634.550	0.000	634.600	0.000	634.750	0.000
Mean	634.418	0	634.266	0	634.339	0	634.319	0	634.376	0	634.464	0

Peak Computed Discharge = 186.3 cumecs on 11/09/2016 **Corres. Water Level :635.99 m**

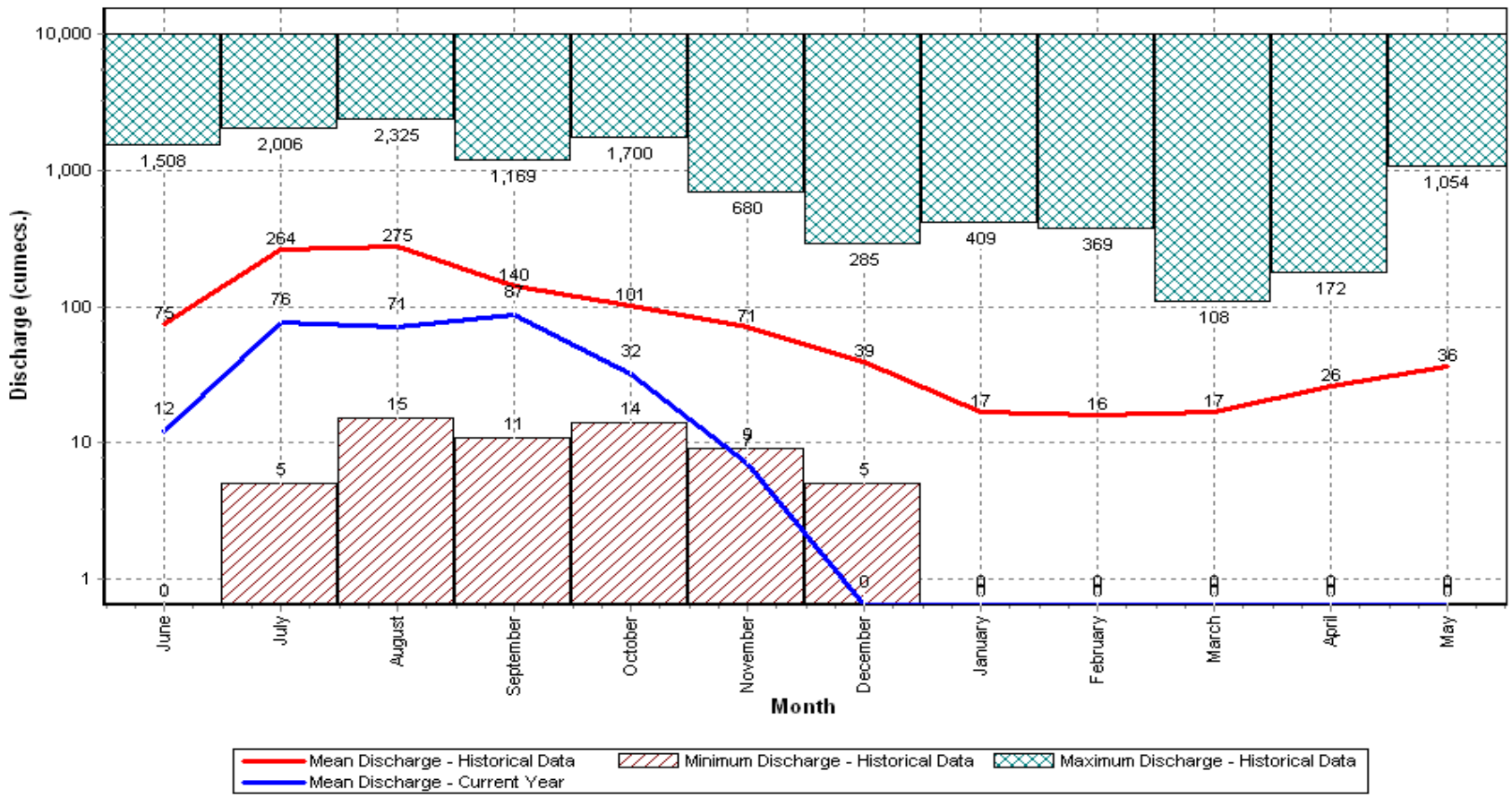
Lowest Computed Discharge = 6.947 cumecs on 05/06/2016 **Corres. Water Level :634.49 m**

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 : 2016-2017

Station Name : T.Narasipur (CCP00B1) | **Data considered : 1971-2017** | **Division : Cauvery Division, Bangalore**

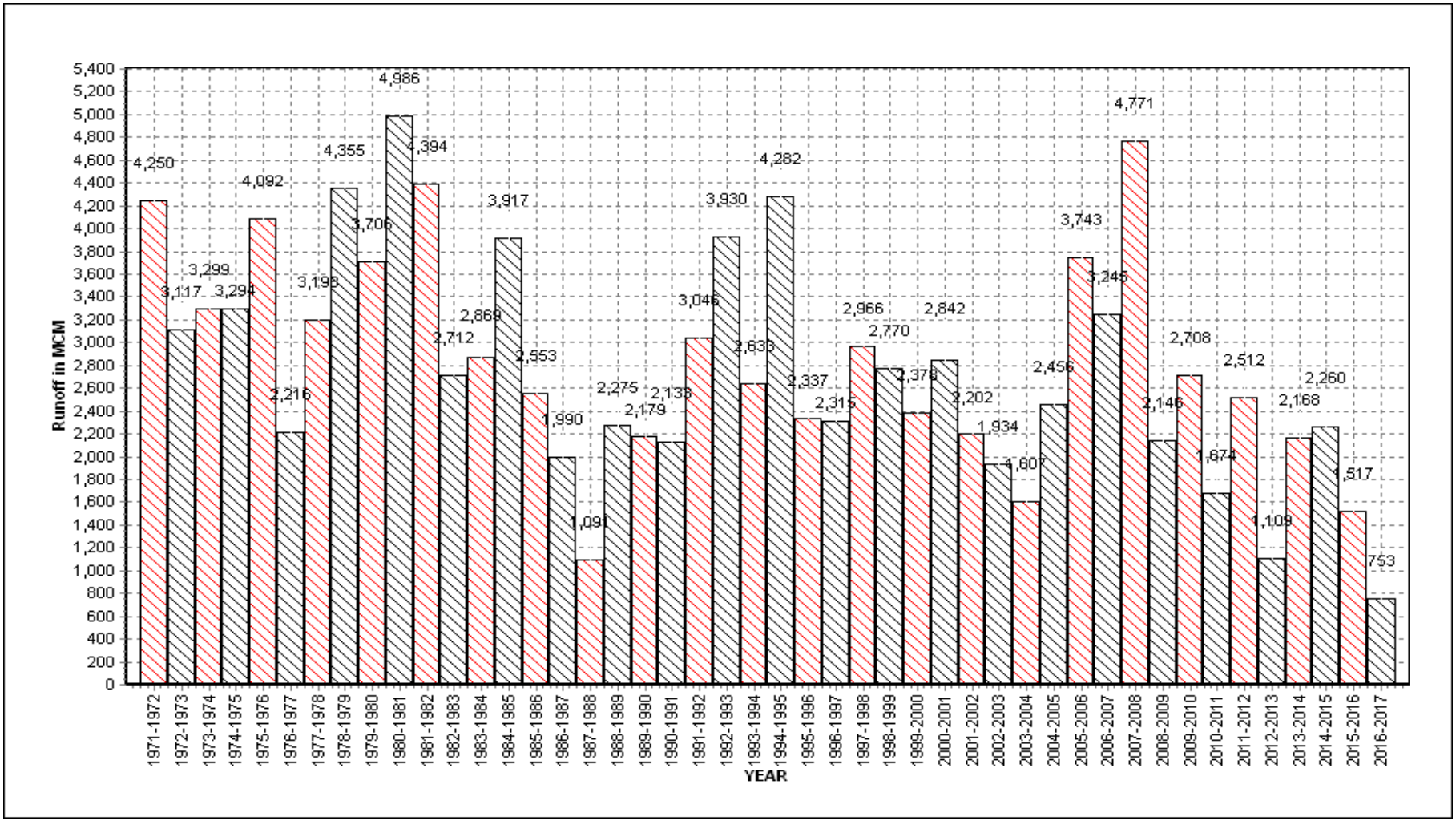
Local River : Kabini | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1971 - 2017

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

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

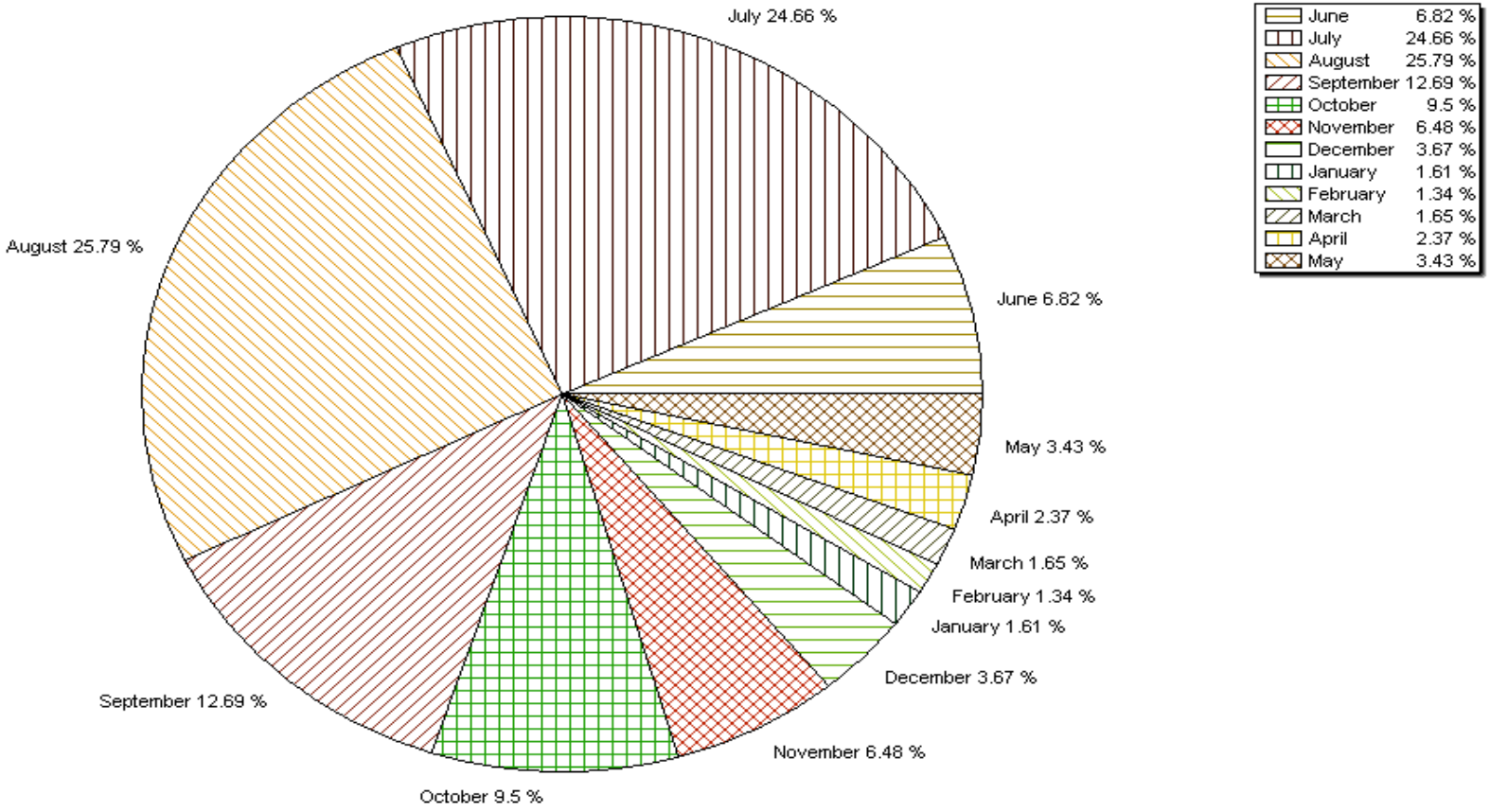


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1971-2016

Station Name : T.Narasipur (CCP00B1)
Local River : Kabini

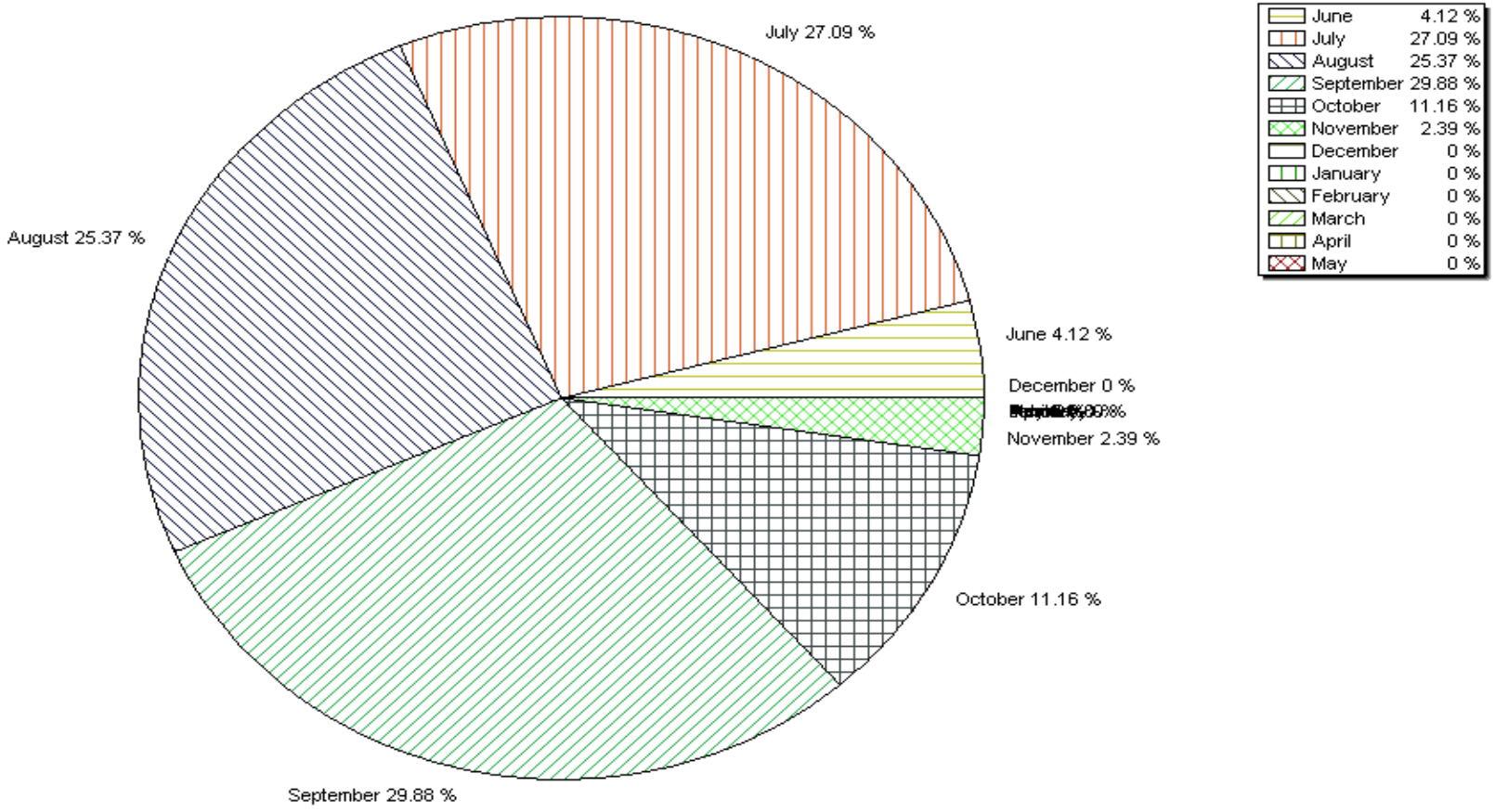
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : T.Narasipur (CCP00B1)
Local River : Kabini

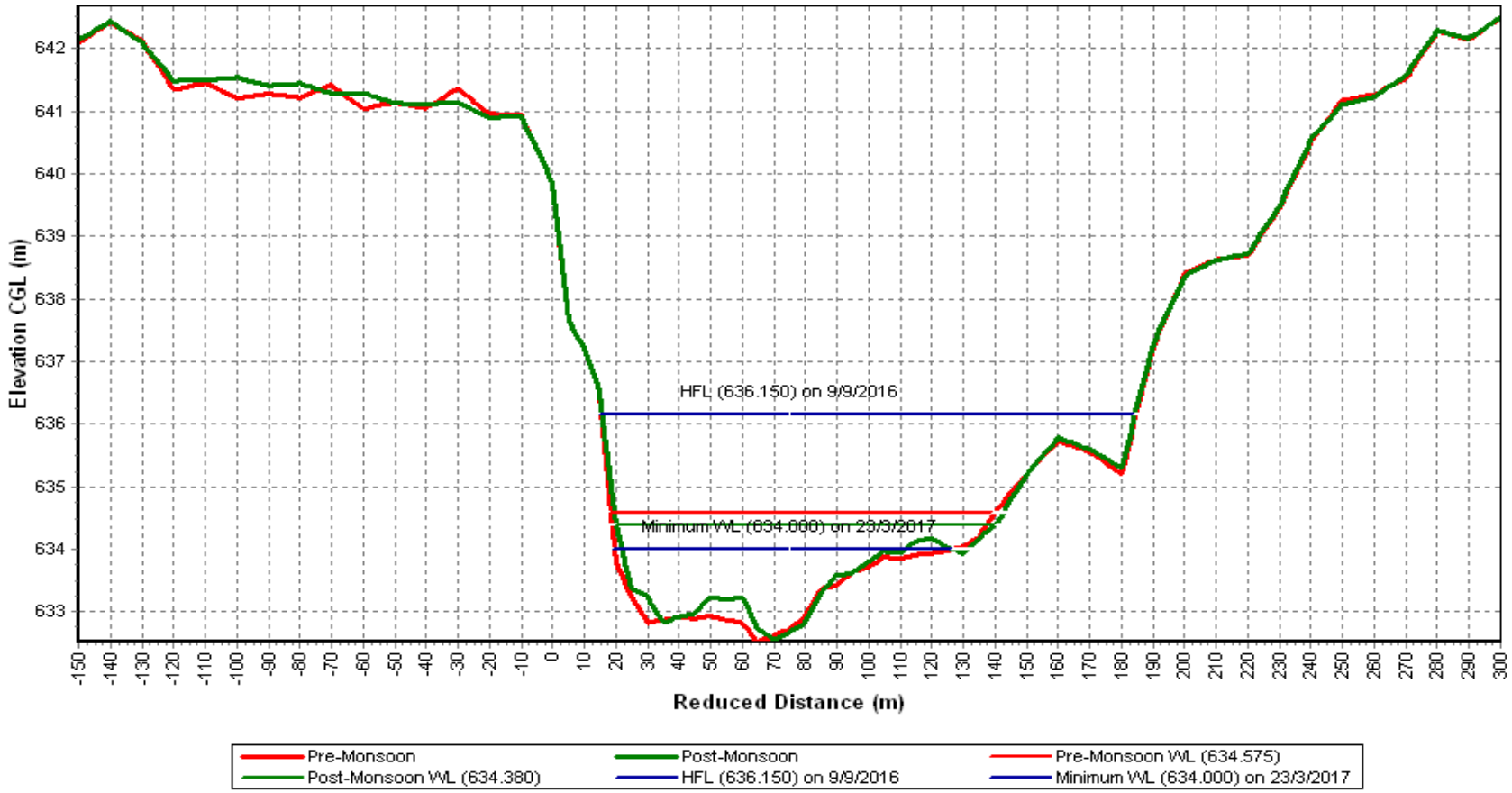
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

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



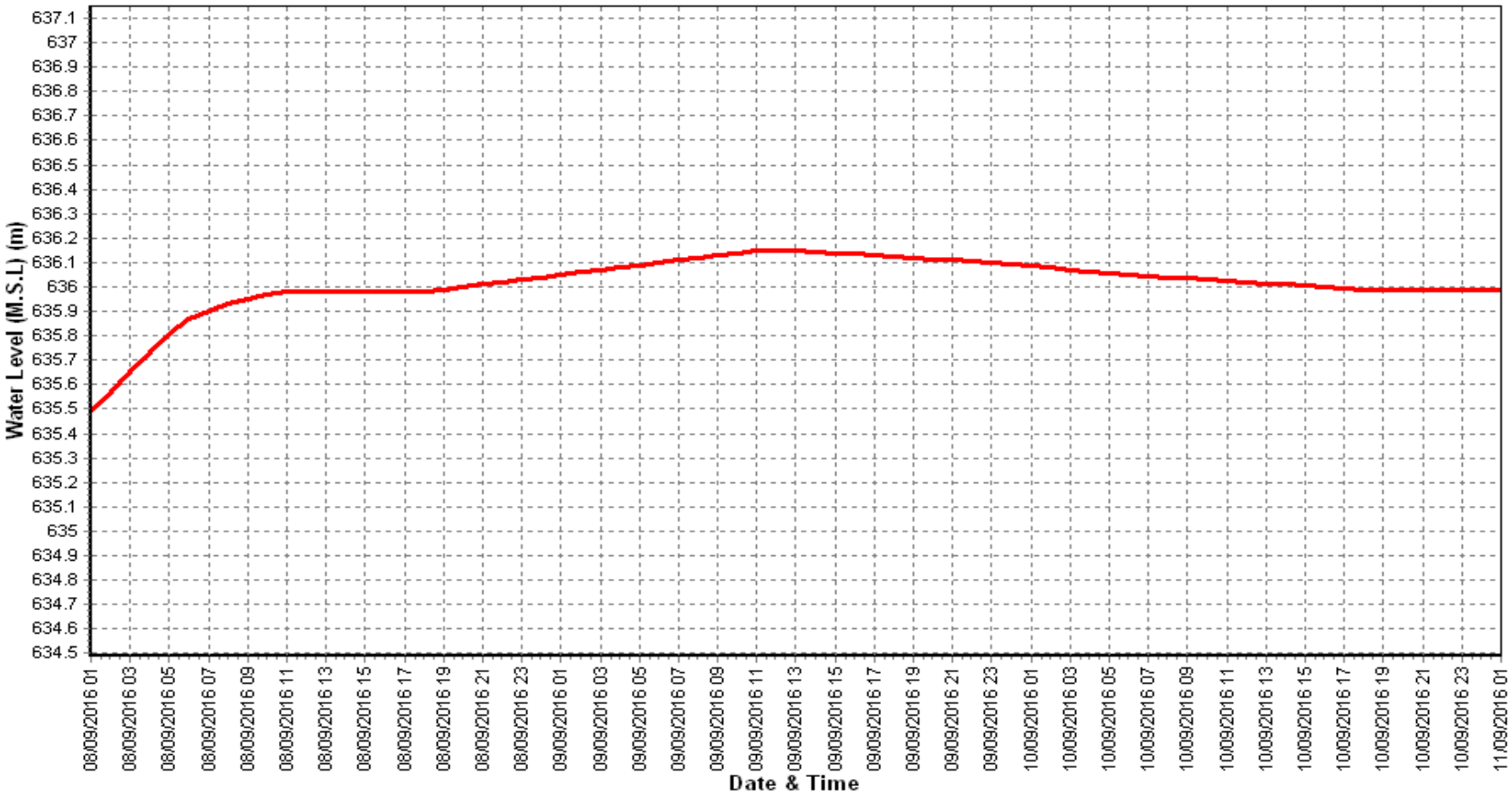
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

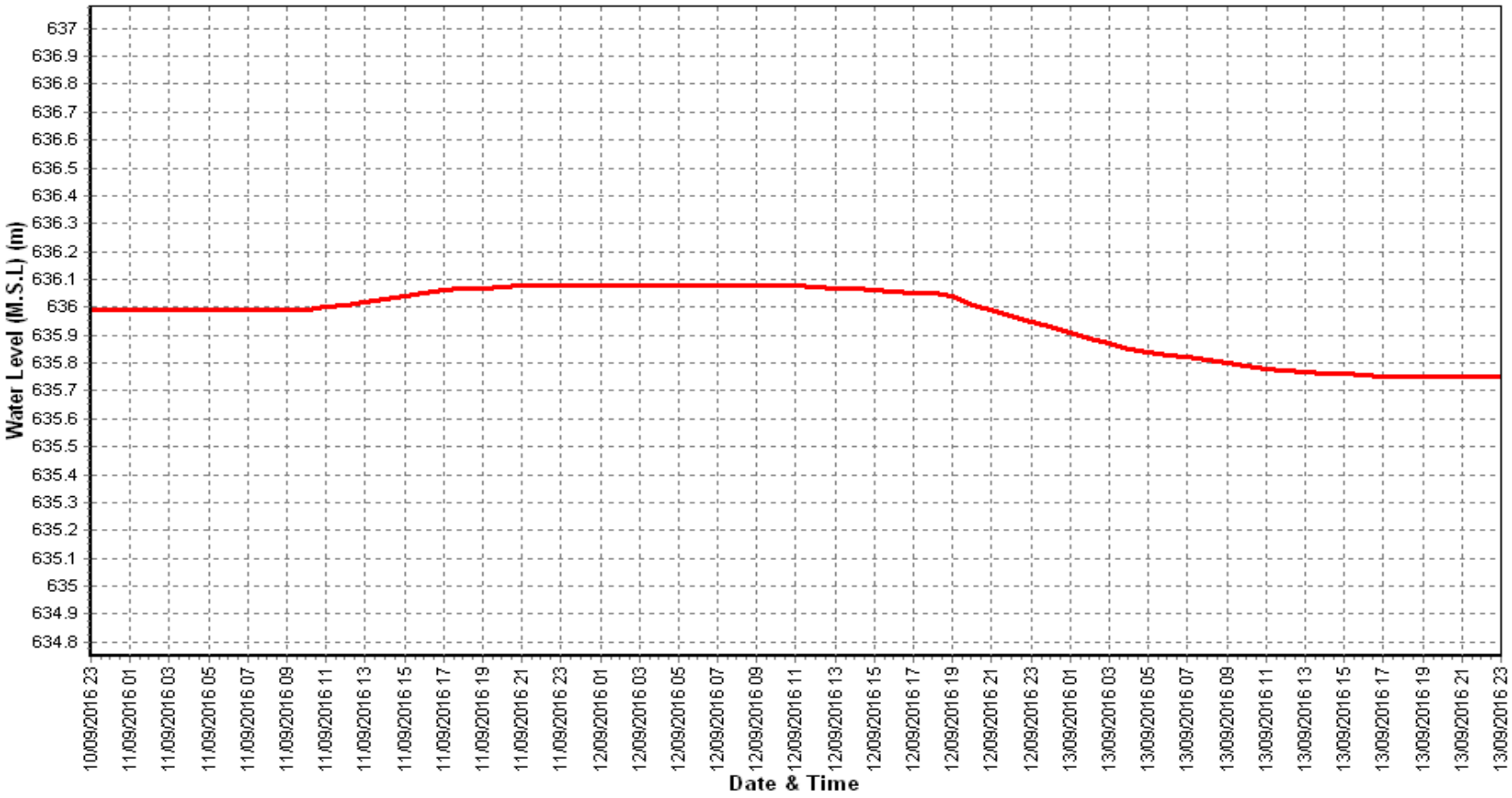


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

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

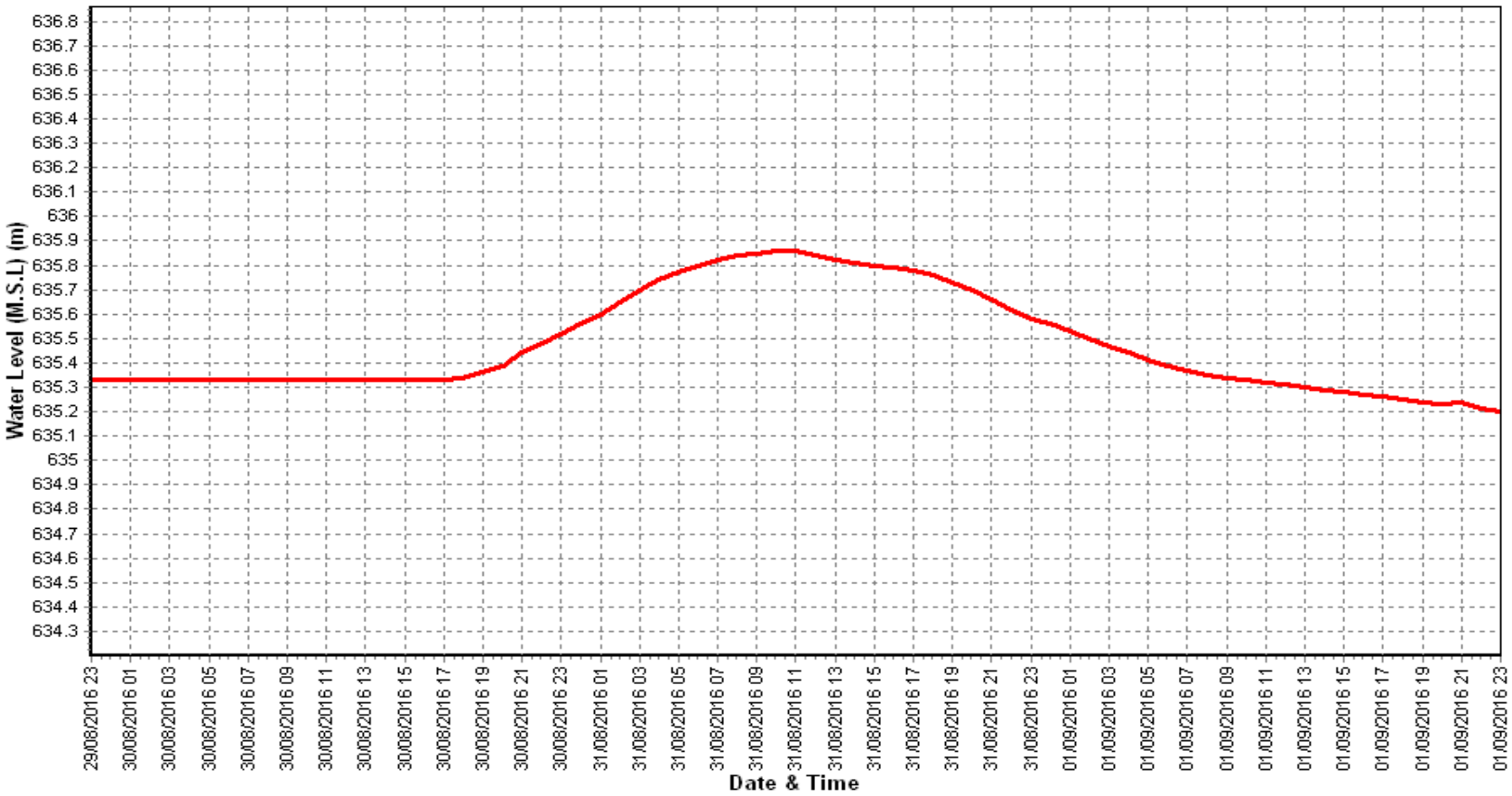


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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
1992-1993	1584	712.737	22/06/1992	3.962	707.285	20/03/1993

Q:Observed/Computed Discharge
WL: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
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

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

Stage-Discharge Data for the period 2016 - 2017

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	707.450	6.962	709.480	334.9	708.185	72.46	708.410	99.00	707.980	48.70	707.720	24.69
2	707.450	6.742	708.890	190.8	708.320	86.68	708.260	83.24	707.920	39.82 *	707.685	19.59
3	707.510	9.443	708.530	122.2 *	708.170	68.92	708.185	75.88	707.880	39.37	707.670	16.67
4	707.470	8.804	708.500	113.8	708.220	77.50	708.160	67.25 *	707.850	36.94	707.630	13.41
5	707.470	6.935 *	708.960	224.9	708.380	98.23	708.095	58.34	707.830	33.63	707.610	12.56
6	707.450	6.904	708.970	206.9 *	708.920	190.3	708.040	53.56	707.800	30.64	707.595	13.54 *
7	707.460	6.989	709.270	287.8	708.610	136.1 *	708.160	67.09	707.780	28.59	707.580	12.02
8	707.490	8.769	708.760	174.4	708.670	147.5	708.050	54.89	707.770	27.74	707.550	10.76
9	707.870	37.03	708.740	158.2	708.580	116.8	708.000	49.69	707.760	25.28 *	707.545	10.68
10	707.760	23.73	708.850	181.8 *	708.500	113.9	707.950	44.07	707.750	24.47 *	707.545	9.595
11	708.195	70.61	709.490	339.7	708.400	103.3	707.930	40.83 *	707.740	23.68 *	707.540	9.363
12	707.860	34.01 *	709.120	239.8	708.450	107.8	707.905	38.33 *	707.740	23.68 *	707.540	9.287
13	707.690	19.63	708.990	212.2	708.500	114.8	707.925	37.85	707.845	36.30	707.540	10.38 *
14	707.925	31.96	708.820	182.1	708.570	129.1 *	708.090	58.57 *	708.085	57.96	707.540	10.38 *
15	707.840	33.34	708.650	152.3	708.750	162.0 *	707.950	45.99	707.870	38.65	707.570	11.26
16	707.690	20.00	708.900	195.8	708.770	169.9	707.950	45.86	707.795	28.20 *	707.545	10.52
17	708.110	60.53	708.620	137.9 *	708.760	167.1	708.090	58.24	707.750	28.02	707.545	10.34
18	707.830	31.12	708.440	103.8	709.450	317.8	707.980	46.06 *	707.720	24.78	707.540	10.28
19	707.870	34.95 *	708.370	96.11	709.250	274.0	708.040	49.49	707.700	21.10	707.520	9.787
20	707.785	26.89	708.245	86.70	708.870	181.9	708.020	46.58	707.690	20.08	707.510	8.828 *
21	707.820	29.93	708.235	84.47	708.580	130.8 *	707.925	39.15	707.680	19.29	707.510	9.252
22	707.930	34.09	708.610	137.7	708.440	103.6	708.100	59.16	707.665	15.42	707.505	9.175
23	708.210	68.87	708.615	140.4	708.330	85.33	708.050	55.75	707.655	17.42 *	707.500	7.385
24	708.150	65.50	708.660	145.1 *	708.390	98.48	708.050	54.39	707.650	14.72	707.480	7.306
25	708.230	72.45	708.465	110.4	708.280	83.33	708.060	55.02 *	707.640	14.43	707.470	7.200
26	708.160	67.25 *	708.285	85.67	708.245	81.55	708.160	66.54	707.610	12.77	707.470	7.137
27	708.260	80.67	708.260	82.57	708.190	76.61	708.180	75.83	707.610	12.74	707.465	6.716 *
28	708.740	155.6	708.155	67.28	708.330	90.64 *	708.075	58.02	707.610	12.67	707.455	7.004
29	710.205	572.0	708.370	96.99	708.345	90.82	708.170	74.29	707.600	13.84 *	707.450	6.360
30	710.040	459.1	708.175	69.27	708.310	82.87	708.050	54.43	707.600	13.84 *	707.460	7.041
31			708.400	101.2 *	708.495	112.4			707.620	12.95		
Ten-Daily Mean												
I Ten-Daily	707.538	12.23	708.895	199.6	708.455	110.8	708.131	65.30	707.832	33.52	707.613	14.35
II Ten-Daily	707.880	36.31	708.765	174.6	708.777	172.8	707.988	46.78	707.794	30.25	707.539	10.04
III Ten-Daily	708.575	160.5	708.385	101.9	708.358	94.21	708.082	59.26	707.631	14.55	707.477	7.458
Monthly												
Min.	707.450	6.742	708.155	67.28	708.170	68.92	707.905	37.85	707.600	12.67	707.450	6.360
Max.	710.205	572.0	709.490	339.7	709.450	317.8	708.410	99.00	708.085	57.96	707.720	24.69
Mean	707.997	69.69	708.672	156.9	708.525	124.9	708.067	57.11	707.748	25.73	707.543	10.62

Annual Runoff in MCM = 1253 Annual Runoff in mm = 995

Peak Observed Discharge = 572.0 cumecs on 29/06/2016 Corres. Water Level :710.205 m

Lowest Observed Discharge = 0.231 cumecs on 14/03/2017 Corres. Water Level :707.06 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 2016 - 2017

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	707.465	7.115	707.380	5.939 *	707.420	7.325	707.120	0.326	707.120	0.327	707.320	3.619
2	707.470	7.181	707.380	6.274	707.410	7.012	707.100	0.313	707.110	0.323 *	707.410	6.920
3	707.480	7.296	707.370	6.179	707.400	6.770	707.090	0.303	707.100	0.313	707.400	6.643
4	707.510	8.483 *	707.370	6.027	707.390	6.466	707.080	0.299	707.100	0.309	707.490	7.171
5	707.470	7.113	707.365	5.951	707.330	4.239 *	707.080	0.274 *	707.120	0.329	707.460	6.934
6	707.490	7.178	707.360	5.725	707.330	3.677	707.140	0.396	707.140	0.571 #	707.450	6.767
7	707.500	7.321	707.360	5.834	707.380	6.175	707.170	0.441 #	707.180	1.002	707.420	6.147 *
8	707.470	7.102	707.370	5.572 *	707.330	3.714	707.160	0.420 #	707.200	1.092	707.460	6.922
9	707.460	6.962	707.365	5.886	707.320	3.554	707.070	0.239	707.230	1.722 *	707.450	6.774
10	707.460	6.333	707.360	5.709	707.310	3.480	707.120	0.328	707.250	2.480	707.420	6.147 *
11	707.445	6.209 *	707.365	5.828	707.300	3.300	707.130	0.342	707.230	1.945	707.500	8.812 #
12	707.430	5.740 *	707.385	6.277	707.300	3.375 *	707.120	0.343 *	707.230	1.985	707.700	21.84
13	707.460	6.919	707.375	6.056	707.290	3.273	707.080	0.291	707.240	2.066	707.510	7.545
14	707.535	9.656	707.390	6.611	707.280	2.983	707.060	0.231	707.230	1.722 *	707.480	8.101 *
15	707.590	11.84 *	707.380	5.939 *	707.280	2.950	707.120	0.322	707.230	1.971	707.460	6.845
16	707.575	11.16 *	707.380	6.126	707.270	2.623	707.200	1.082	707.220	1.564 *	707.460	6.880
17	707.510	9.132	707.365	5.811	707.270	2.603	707.280	2.916	707.210	1.242	707.450	6.743
18	707.485	7.560 *	707.360	5.755	707.260	2.514	707.400	6.698	707.200	1.059	707.440	6.086
19	707.460	6.909	707.360	5.770	707.260	2.398 *	707.370	4.723 *	707.160	0.892	707.440	6.122
20	707.460	6.822	707.355	5.565	707.210	1.120	707.320	3.342	707.160	0.898	707.460	6.861
21	707.455	6.859	707.355	5.577	707.200	1.065	707.280	2.947	707.180	1.015	707.460	7.421 *
22	707.450	6.232	707.350	4.878 *	707.190	1.093	707.270	2.823	707.170	0.973	707.700	22.16
23	707.450	6.249	707.350	5.426	707.120	0.322	707.260	2.488	707.170	0.886 *	707.530	9.305
24	707.450	6.234	707.330	3.702	707.120	0.378 *	707.250	2.386	707.220	1.255	707.550	10.63
25	707.445	6.209 *	707.330	3.712	707.180	1.008	707.230	1.902	707.180	1.000	707.560	10.91
26	707.445	6.143	707.330	4.239 *	707.200	1.281 *	707.230	1.722 *	707.170	0.972	707.500	7.209
27	707.445	6.088	707.330	3.706	707.180	1.076	707.210	1.140	707.200	1.061	707.480	7.045
28	707.410	7.398	707.410	6.724	707.170	1.020	707.200	1.102	707.360	5.724	707.470	7.756 *
29	707.405	6.755	707.510	12.00 *			707.180	1.006	707.380	6.255	707.470	6.862
30	707.400	6.720	707.510	9.268			707.160	0.917	707.350	4.204 *	707.585	11.53
31	707.390	6.573	707.460	6.927			707.120	0.327			707.610	12.93
Ten-Daily Mean												
I Ten-Daily	707.477	7.208	707.368	5.910	707.362	5.241	707.113	0.334	707.155	0.847	707.428	6.405
II Ten-Daily	707.495	8.195	707.371	5.974	707.272	2.714	707.208	2.029	707.211	1.534	707.490	8.584
III Ten-Daily	707.431	6.496	707.388	6.015	707.170	0.905	707.217	1.705	707.238	2.335	707.538	10.34
Monthly												
Min.	707.390	5.740	707.330	3.702	707.120	0.322	707.060	0.231	707.100	0.309	707.320	3.619
Max.	707.590	11.84	707.510	12.00	707.420	7.325	707.400	6.698	707.380	6.255	707.700	22.16
Mean	707.467	7.274	707.376	5.968	707.275	3.1	707.181	1.367	707.201	1.572	707.487	8.504

Peak Computed Discharge = 206.9 cumecs on 06/07/2016 **Corres. Water Level :708.97 m**

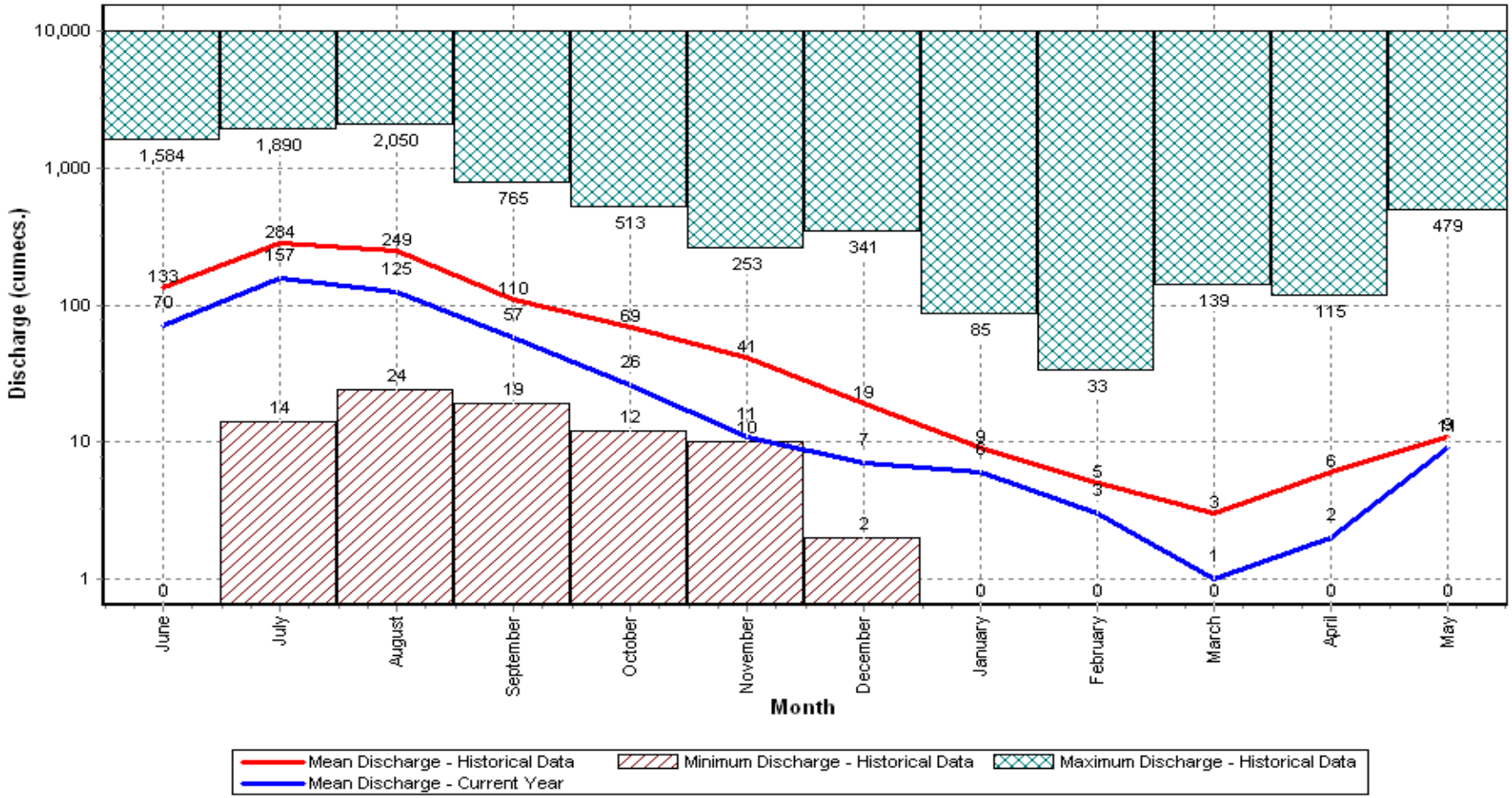
Lowest Computed Discharge = 0.274 cumecs on 05/03/2017 **Corres. Water Level :707.08 m**

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 : 2016-2017

Station Name : MUTHANKERA (CCP00T8) **Data considered : 1973-2017** **Division : SWR Division, Cochin**

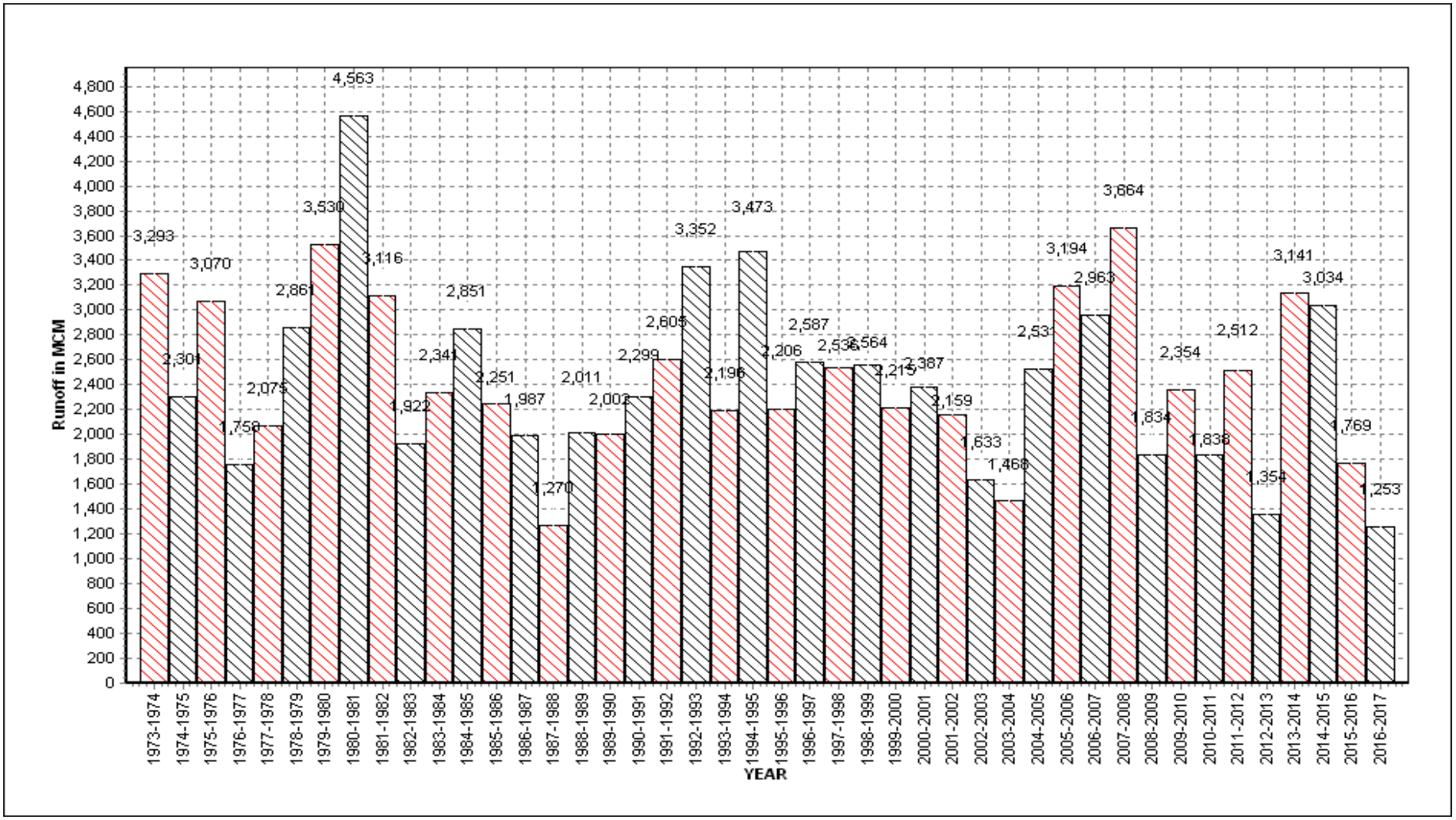
Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Annual Runoff Values for the period: 1973 - 2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

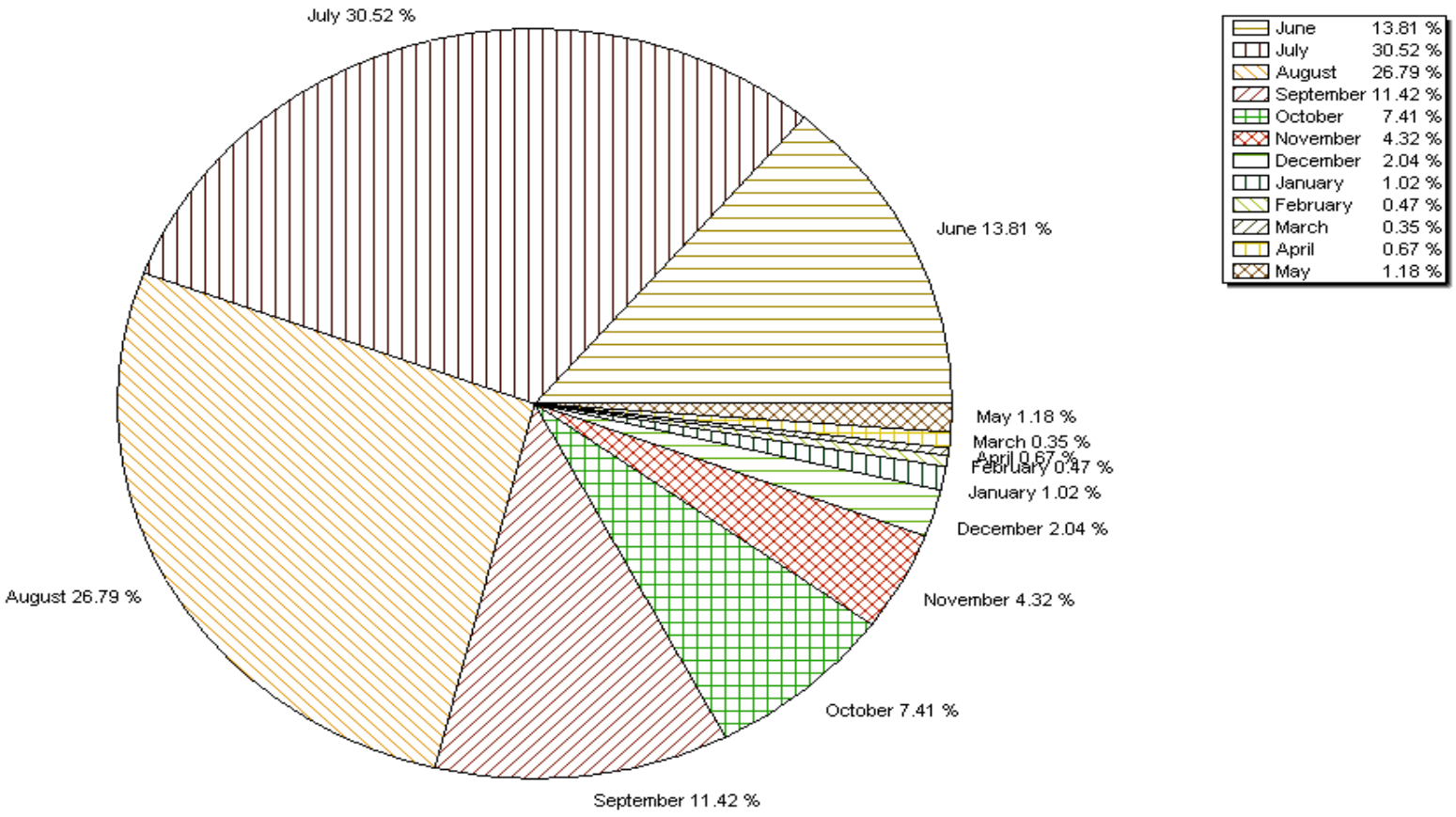


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1973-2016

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

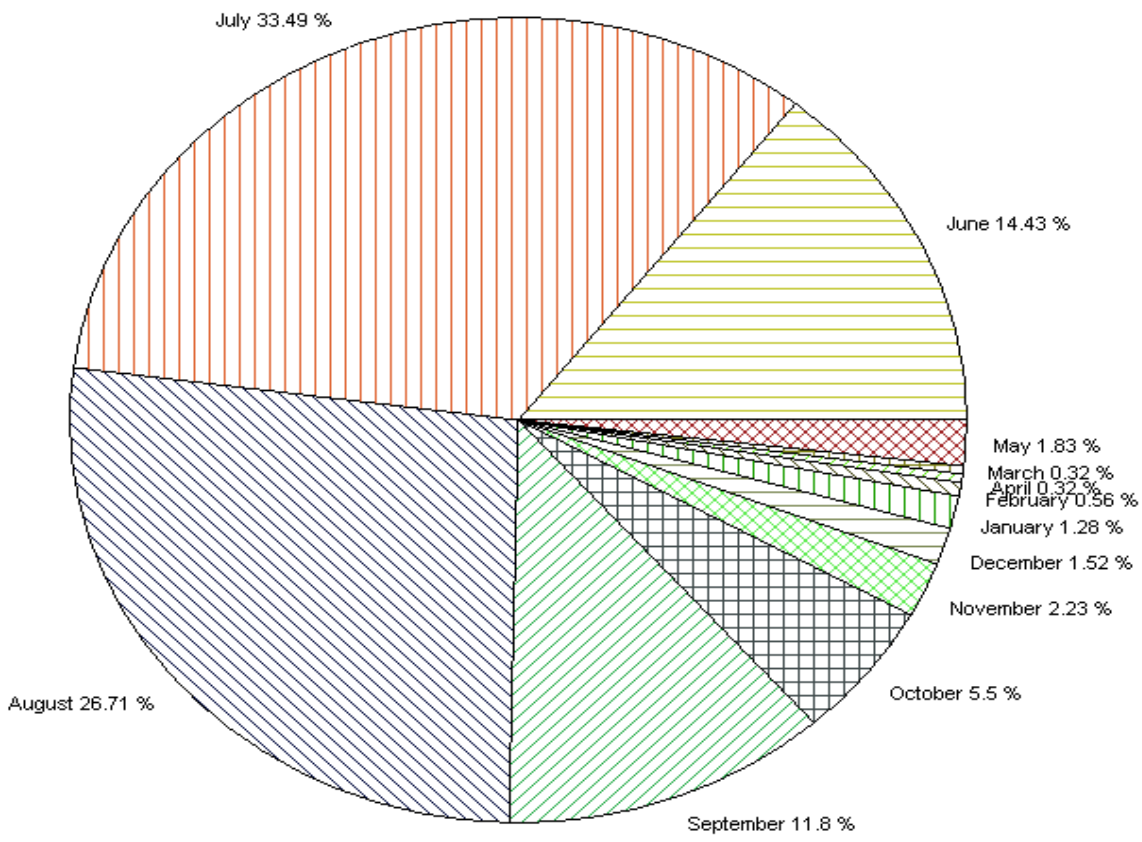
Division : SWR Division, Cochin
Sub-Division : Chaliyar SD, Calicut



Monthly Runoff for the Year : 2016-2017

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

Division : SWR Division, Cochin
Sub-Division : Chaliyar SD, Calicut

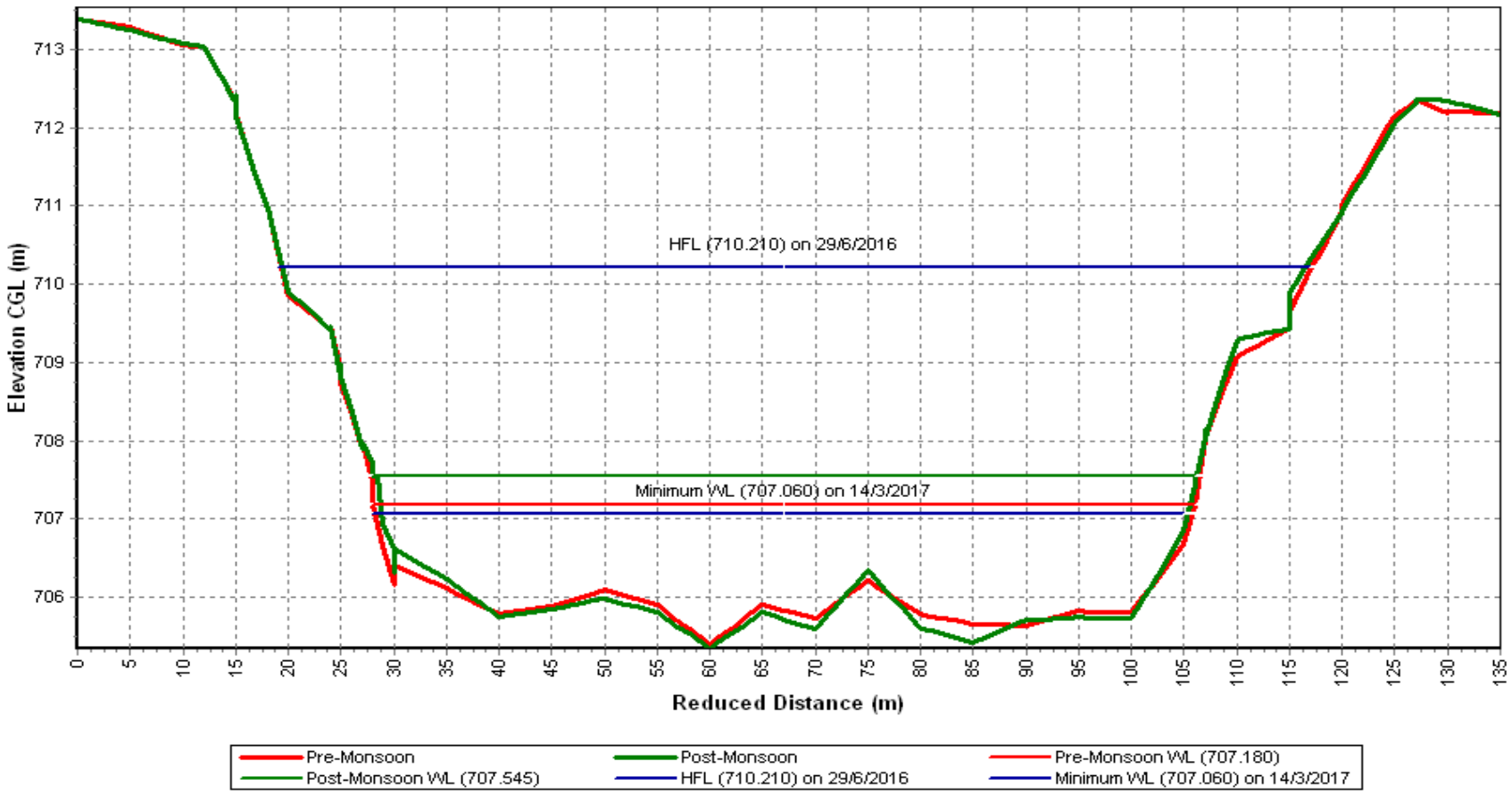


June	14.43 %
July	33.49 %
August	26.71 %
September	11.8 %
October	5.5 %
November	2.23 %
December	1.52 %
January	1.28 %
February	0.56 %
March	0.32 %
April	0.32 %
May	1.83 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

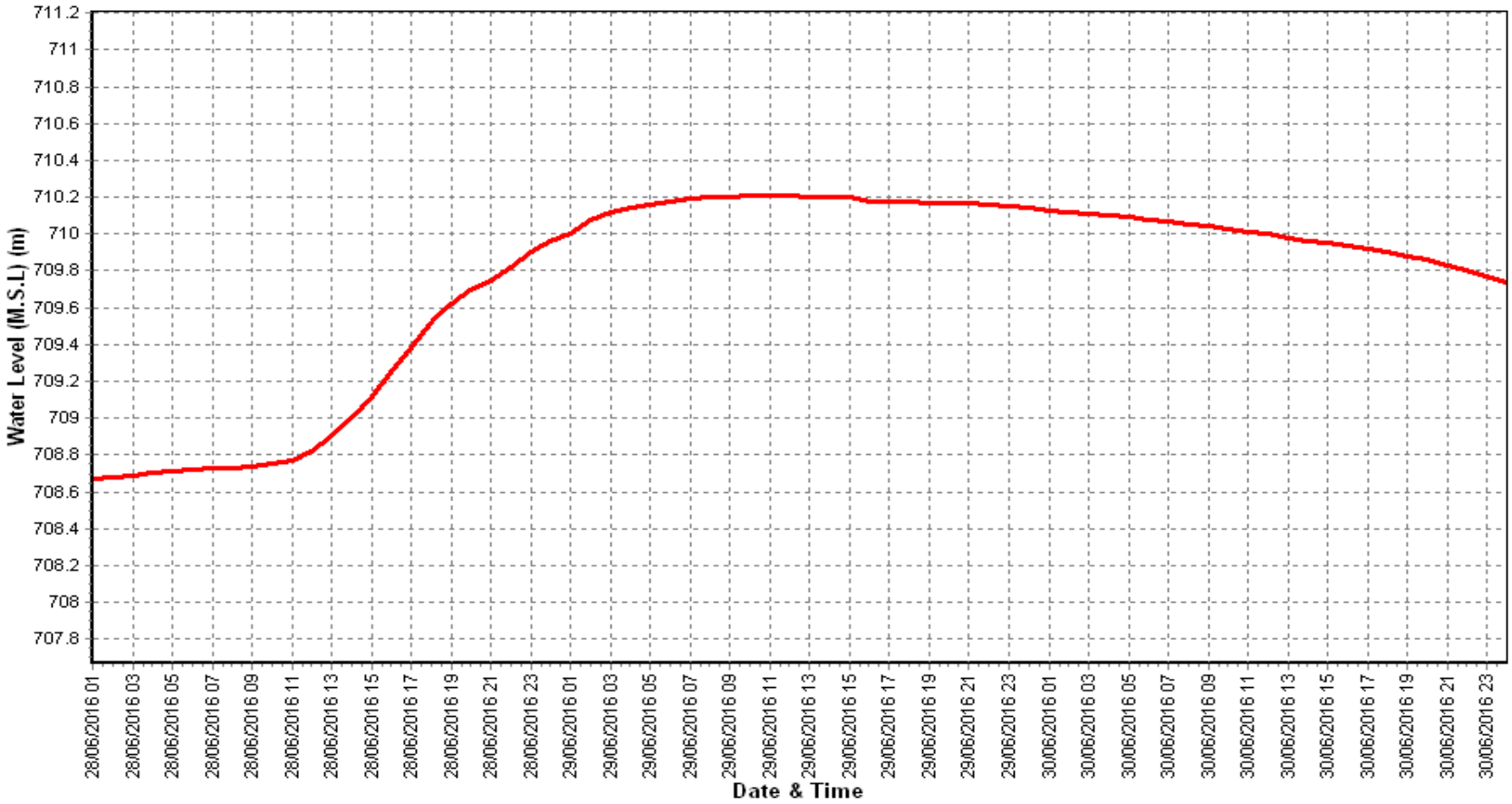
Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

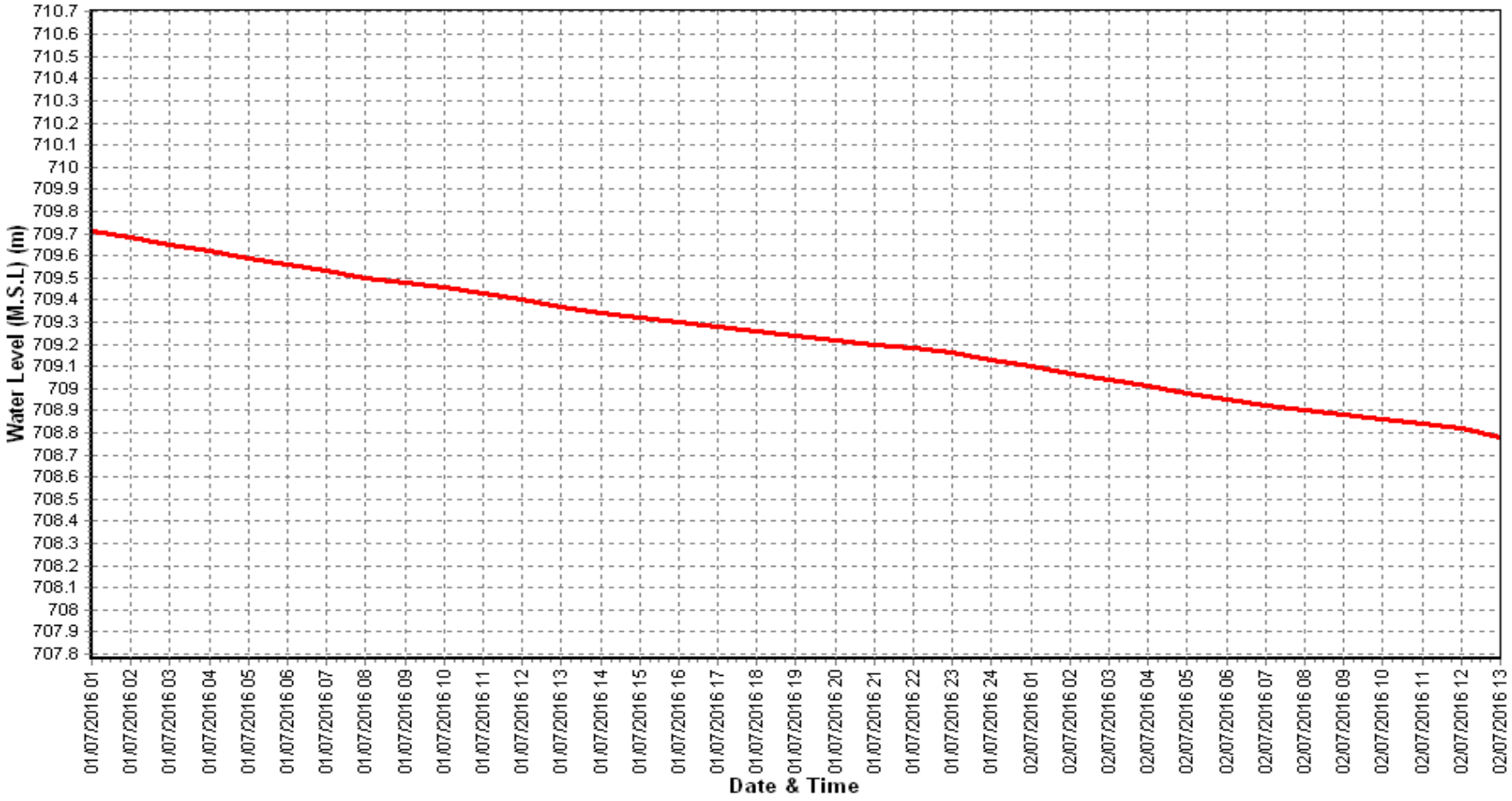


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

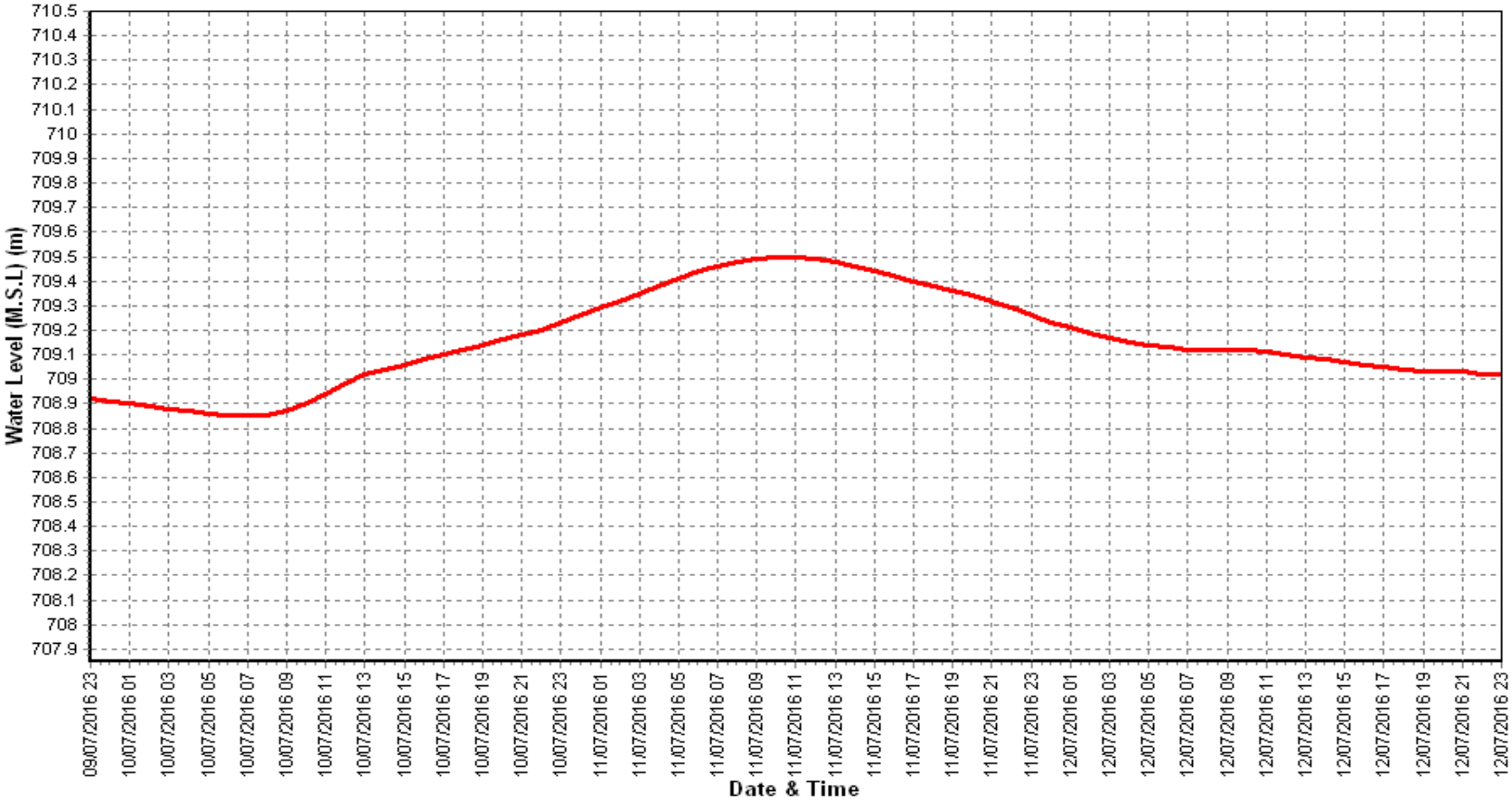


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Time Span: 72 Hrs

HISTORY SHEET

		Water Year	**: 2016-2017**
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

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	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
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

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

Stage-Discharge Data for the period 2016 - 2017

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	766.020	0.000	768.000	60.76	766.130	0.360	766.020	0.000	766.180	0.540 #	765.950	0.000
2	766.020	0.000	768.450	93.39	766.090	0.217	766.030	0.000	766.080	0.172 *	765.950	0.000
3	766.030	0.000	767.920	51.77 *	766.080	0.155	766.030	0.000	766.040	0.000	765.950	0.000
4	766.030	0.000	767.260	21.20	767.000	0.000	766.030	0.000	766.040	0.000	765.950	0.000
5	766.030	0.000	766.900	9.780	767.080	0.000	766.030	0.000	766.040	0.000	765.950	0.000
6	766.030	0.000	767.370	22.88	767.090	0.000	766.040	0.000	766.030	0.000	765.950	0.000
7	766.030	0.000	767.140	16.49 *	767.000	0.000	766.040	0.000	766.030	0.000	765.940	0.000
8	766.020	0.000	767.150	14.71	767.130	0.000	766.040	0.000	766.030	0.000	765.940	0.000
9	766.030	0.000	766.830	9.442	766.910	0.000	766.040	0.000	766.020	0.000	765.940	0.000
10	766.030	0.000	766.870	9.405 *	766.660	5.161 *	766.200	0.638 #	766.010	0.000	765.940	0.000
11	766.030	0.000	767.060	13.54	766.580	4.063 *	766.250	0.919 *	766.000	0.000	765.940	0.000
12	766.020	0.000	767.900	50.57 *	766.460	2.481	766.120	0.231	766.000	0.000	765.940	0.000
13	766.020	0.000	767.660	37.36 *	766.300	1.255	766.100	0.229 *	765.960	0.000	765.940	0.000
14	766.020	0.000	767.600	34.42 *	766.150	0.408 *	766.030	0.000	765.960	0.000	765.940	0.000
15	766.020	0.000	767.400	25.66 *	766.250	0.919 *	766.030	0.000	765.960	0.000	765.940	0.000
16	766.020	0.000	767.120	15.88 *	766.200	0.638 #	766.030	0.000	765.960	0.000	765.940	0.000
17	766.030	0.000	766.760	7.176 *	766.600	4.324 *	766.030	0.000	766.000	0.000	765.940	0.000
18	766.030	0.000	766.600	4.553 *	766.650	5.017 *	766.030	0.000	766.000	0.000	765.940	0.000
19	766.030	0.000	766.380	2.117	766.400	2.308	766.030	0.000	765.960	0.000	765.940	0.000
20	766.030	0.000	766.250	1.280	766.460	2.469	766.030	0.000	765.960	0.000	765.940	0.000
21	766.040	0.000	766.210	1.158	766.250	0.919 *	766.020	0.000	765.960	0.000	765.940	0.000
22	766.040	0.000	766.170	0.896	766.170	0.494 #	766.020	0.000	765.960	0.000	765.930	0.000
23	766.040	0.000	766.150	0.688	766.130	0.356	766.020	0.000	765.960	0.000	765.930	0.000
24	766.040	0.000	766.600	4.111 *	766.100	0.223	766.020	0.000	765.950	0.000	765.930	0.000
25	766.040	0.000	766.400	2.360	766.100	0.216	766.020	0.000	765.950	0.000	765.930	0.000
26	766.100	0.000	766.150	0.693	766.100	0.227	766.020	0.000	765.950	0.000	765.930	0.000
27	766.150	0.000	766.380	2.124	766.100	0.231	766.180	0.540 #	765.940	0.000	765.920	0.000
28	766.100	0.000	766.260	1.328	766.100	0.229 *	766.400	2.333	765.940	0.000	765.920	0.000
29	766.110	0.000	766.460	2.477	766.090	0.222	766.370	1.701	765.940	0.000	765.920	0.000
30	766.080	0.000	766.250	0.919 #	766.090	0.217	766.250	0.906	765.950	0.000	765.930	0.000
31			766.170	0.494 #	766.020	0.000			765.950	0.000		
Ten-Daily Mean												
I Ten-Daily	766.027	0.000	767.389	30.98	766.717	0.589	766.050	0.064	766.050	0.071	765.946	0.000
II Ten-Daily	766.025	0.000	767.073	19.26	766.405	2.388	766.068	0.138	765.976	0.000	765.940	0.000
III Ten-Daily	766.074	0.000	766.291	1.568	766.114	0.303	766.132	0.548	765.950	0.000	765.928	0.000
Monthly												
Min.	766.020	0.000	766.150	0.494	766.020	0.000	766.020	0.000	765.940	0.000	765.920	0.000
Max.	766.150	0.000	768.450	93.39	767.130	5.161	766.400	2.333	766.180	0.540	765.950	0.000
Mean	766.042	0	766.897	16.76	766.402	1.068	766.083	0.25	765.991	0.023	765.938	0

Annual Runoff in MCM = 48 Annual Runoff in mm = 36

Peak Observed Discharge = 93.39 cumecs on 02/07/2016 Corres. Water Level :768.45 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :766.02 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 2016 - 2017

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	765.960	0.000	765.930	0.000	765.900	0.000	765.740	0.000	765.300	0.000	765.300	0.000
2	765.970	0.000	765.930	0.000	765.890	0.000	765.740	0.000	765.280	0.000	765.320	0.000
3	765.960	0.000	765.920	0.000	765.890	0.000	765.740	0.000	765.260	0.000	765.380	0.000
4	765.960	0.000	765.910	0.000	765.890	0.000	765.730	0.000	765.260	0.000	765.380	0.000
5	765.950	0.000	765.900	0.000	765.880	0.000	765.700	0.000	765.260	0.000	765.400	0.000
6	765.950	0.000	765.900	0.000	765.870	0.000	765.680	0.000	765.270	0.000	765.450	0.000
7	765.940	0.000	765.900	0.000	765.870	0.000	765.650	0.000	765.320	0.000	765.390	0.000
8	765.940	0.000	765.930	0.000	765.860	0.000	765.650	0.000	765.350	0.000	765.400	0.000
9	765.940	0.000	765.950	0.000	765.850	0.000	765.640	0.000	765.380	0.000	765.400	0.000
10	765.940	0.000	766.000	0.000	765.850	0.000	765.640	0.000	765.400	0.000	765.420	0.000
11	765.940	0.000	766.020	0.000	765.850	0.000	765.630	0.000	765.420	0.000	765.450	0.000
12	765.940	0.000	765.980	0.000	765.850	0.000	765.620	0.000	765.440	0.000	765.450	0.000
13	765.970	0.000	765.980	0.000	765.850	0.000	765.610	0.000	765.450	0.000	765.450	0.000
14	766.000	0.000	765.940	0.000	765.850	0.000	765.600	0.000	765.450	0.000	765.440	0.000
15	766.000	0.000	765.920	0.000	765.840	0.000	765.590	0.000	765.460	0.000	765.440	0.000
16	766.000	0.000	765.920	0.000	765.840	0.000	765.580	0.000	765.460	0.000	765.460	0.000
17	766.000	0.000	765.920	0.000	765.820	0.000	765.580	0.000	765.440	0.000	765.440	0.000
18	765.990	0.000	774.200	0.000	765.800	0.000	765.580	0.000	765.450	0.000	765.450	0.000
19	765.980	0.000	765.920	0.000	765.800	0.000	765.580	0.000	765.460	0.000	765.520	0.000
20	765.980	0.000	765.920	0.000	765.800	0.000	765.570	0.000	765.460	0.000	765.550	0.000
21	765.970	0.000	765.920	0.000	765.790	0.000	765.560	0.000	765.450	0.000	765.650	0.000
22	765.970	0.000	765.920	0.000	765.790	0.000	765.550	0.000	765.440	0.000	765.750	0.000
23	765.960	0.000	765.930	0.000	765.790	0.000	765.540	0.000	765.440	0.000	765.830	0.000
24	765.960	0.000	765.930	0.000	765.780	0.000	765.530	0.000	765.440	0.000	766.000	0.000
25	765.960	0.000	765.930	0.000	765.770	0.000	765.520	0.000	765.440	0.000	766.010	0.000
26	765.950	0.000	765.930	0.000	765.760	0.000	765.500	0.000	765.420	0.000	766.000	0.000
27	765.950	0.000	765.920	0.000	765.750	0.000	765.480	0.000	765.400	0.000	766.030	0.000
28	765.940	0.000	765.920	0.000	765.740	0.000	765.400	0.000	765.320	0.000	766.010	0.000
29	765.940	0.000	765.920	0.000			765.340	0.000	765.280	0.000	766.010	0.000
30	765.940	0.000	765.910	0.000			765.320	0.000	765.270	0.000	766.010	0.000
31	765.930		765.900	0.000			765.320	0.000			766.000	0.000
Ten-Daily Mean												
I Ten-Daily	765.951	0.000	765.927	0.000	765.875	0.000	765.691	0.000	765.308	0.000	765.384	0.000
II Ten-Daily	765.980	0.000	766.772	0.000	765.830	0.000	765.594	0.000	765.449	0.000	765.465	0.000
III Ten-Daily	765.952	0.000	765.921	0.000	765.771	0.000	765.460	0.000	765.390	0.000	765.936	0.000
Monthly												
Min.	765.930	0.000	765.900	0.000	765.740	0.000	765.320	0.000	765.260	0.000	765.300	0.000
Max.	766.000	0.000	774.200	0.000	765.900	0.000	765.740	0.000	765.460	0.000	766.030	0.000
Mean	765.961	0	766.197	0	765.829	0	765.578	0	765.382	0	765.606	0

Peak Computed Discharge = 51.77 cumecs on 03/07/2016 **Corres. Water Level :767.92 m**

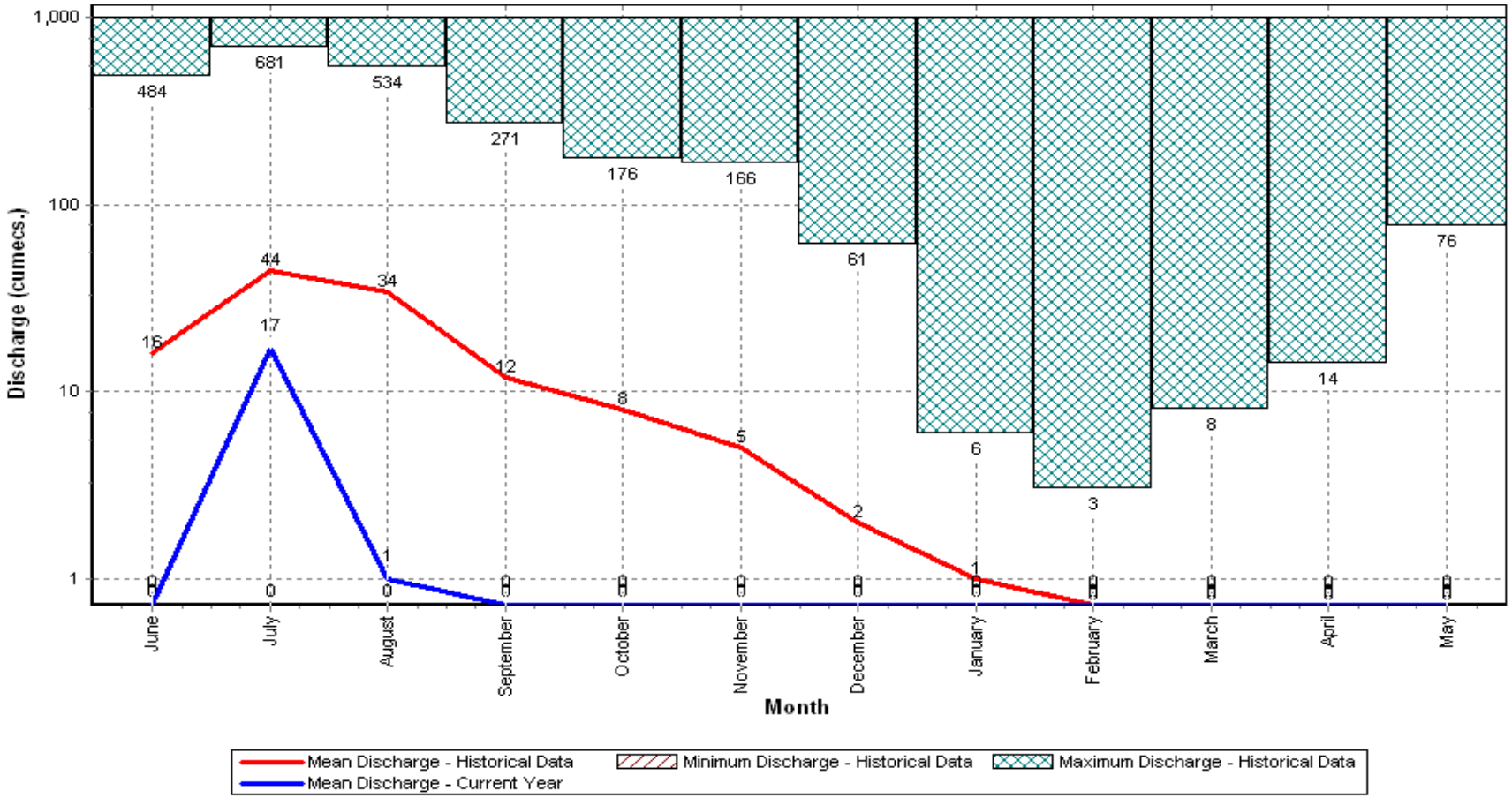
Lowest Computed Discharge = 0.172 cumecs on 02/10/2016 **Corres. Water Level :766.08 m**

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 : 2016-2017

Station Name : K.M.Vadi (CCQ00E9) | **Data considered : 1980-2017** | **Division : Cauvery Division, Bangalore**

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



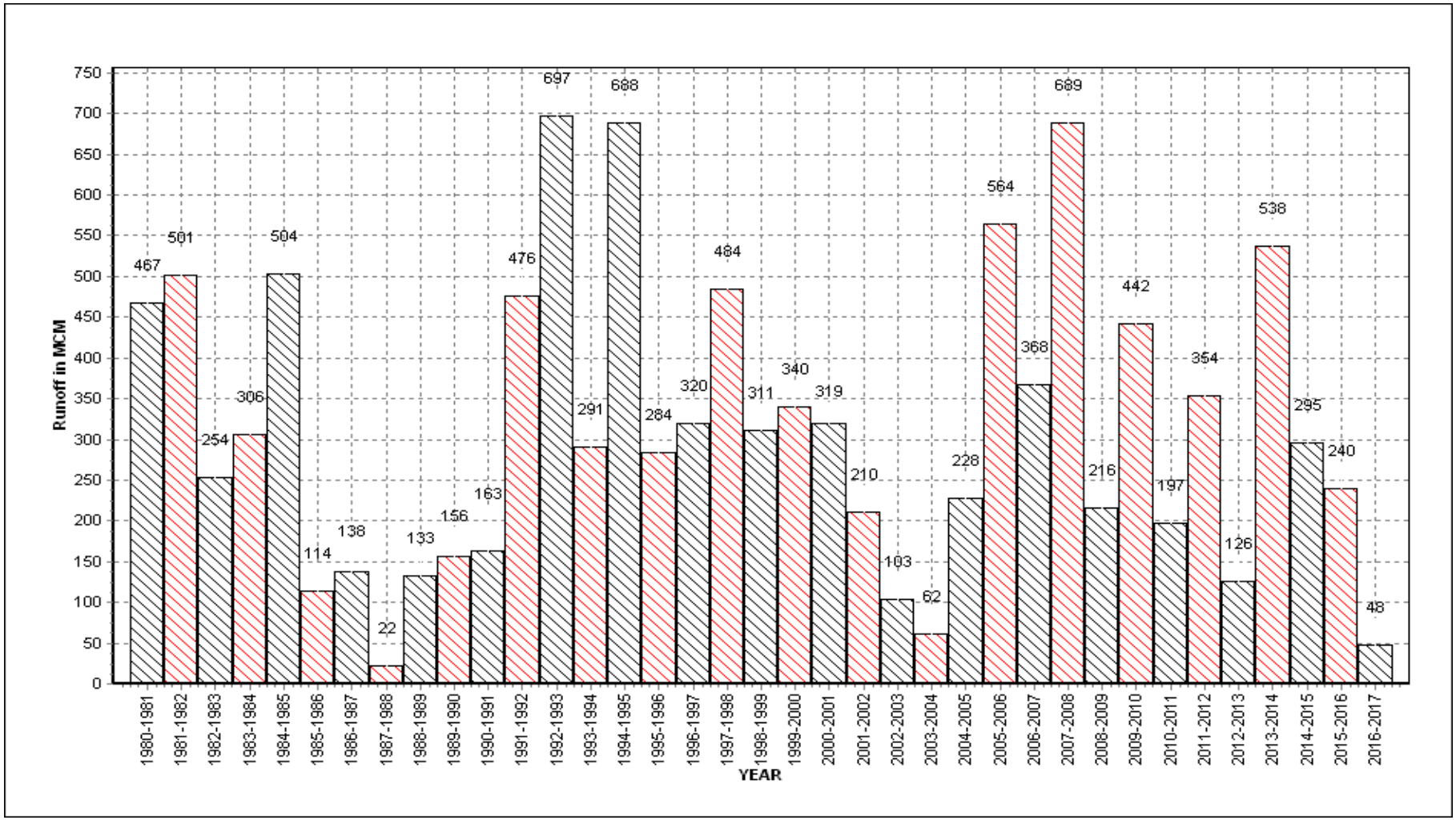
Annual Runoff Values for the period: 1980 - 2017

Station Name : K.M.Vadi (CCQ00E9)

Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

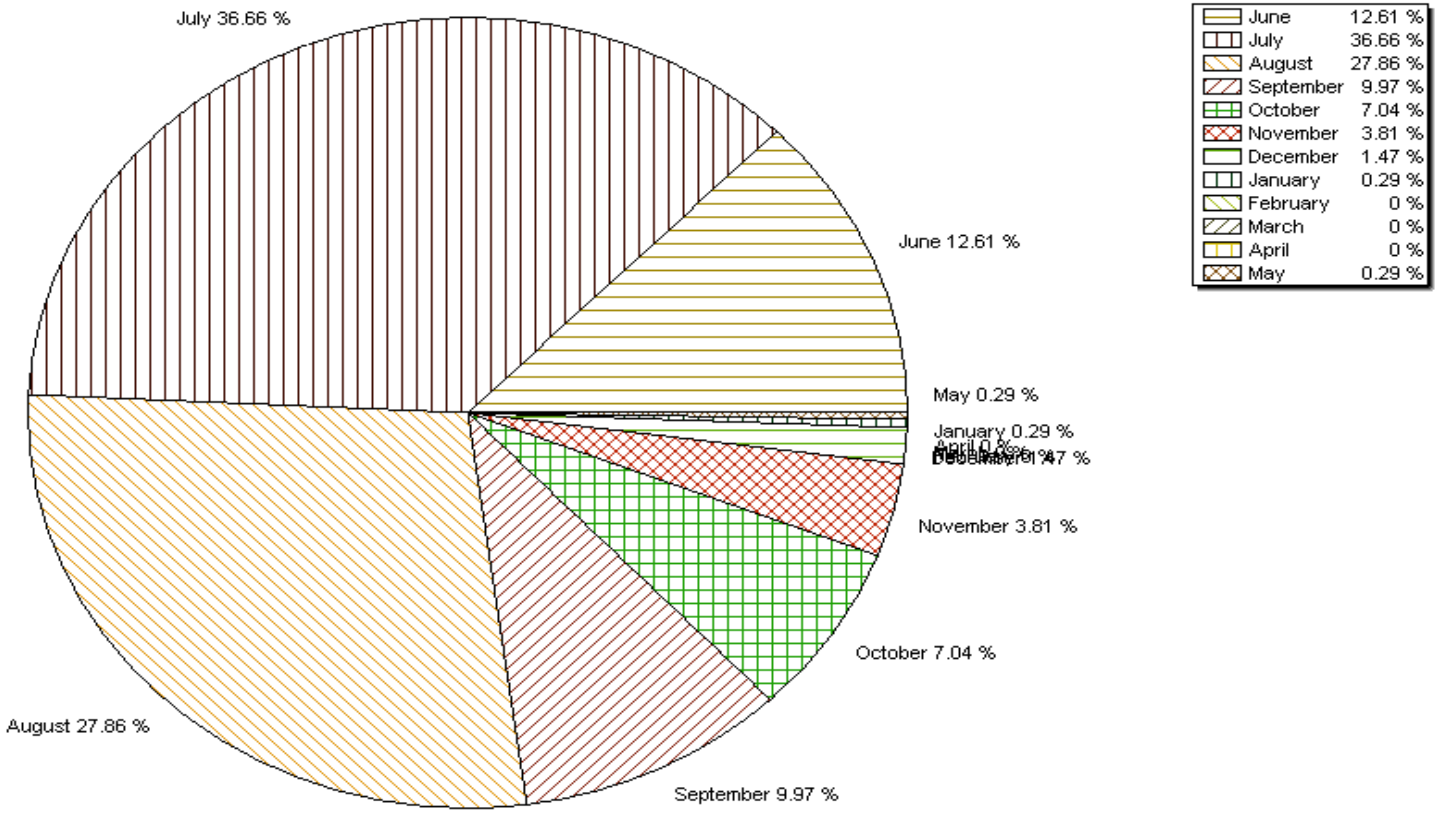


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1980-2016

Station Name : K.M.Vadi (CCQ00E9)
Local River : Lakhshmanthirtha

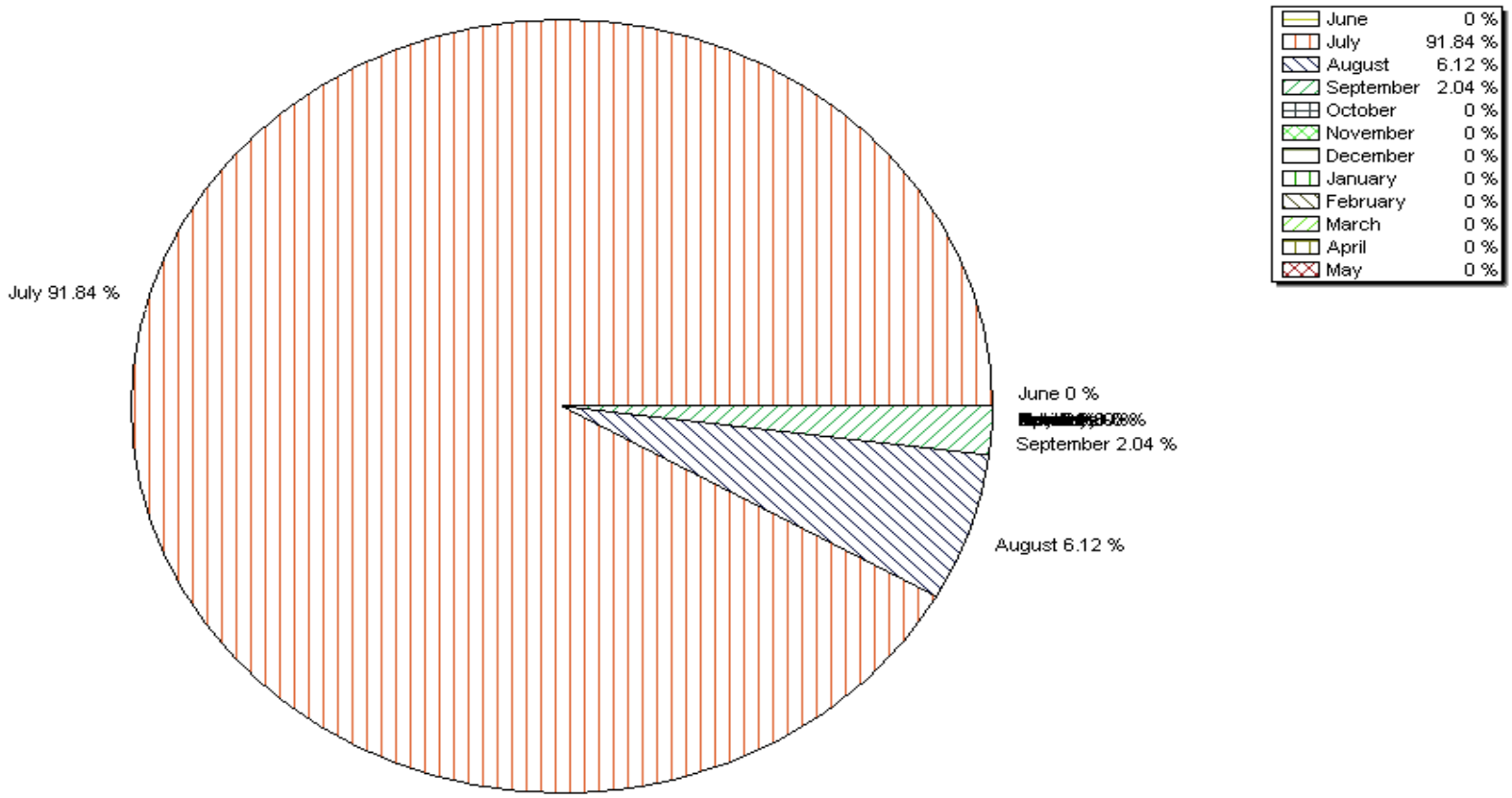
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : K.M.Vadi (CCQ00E9)
Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



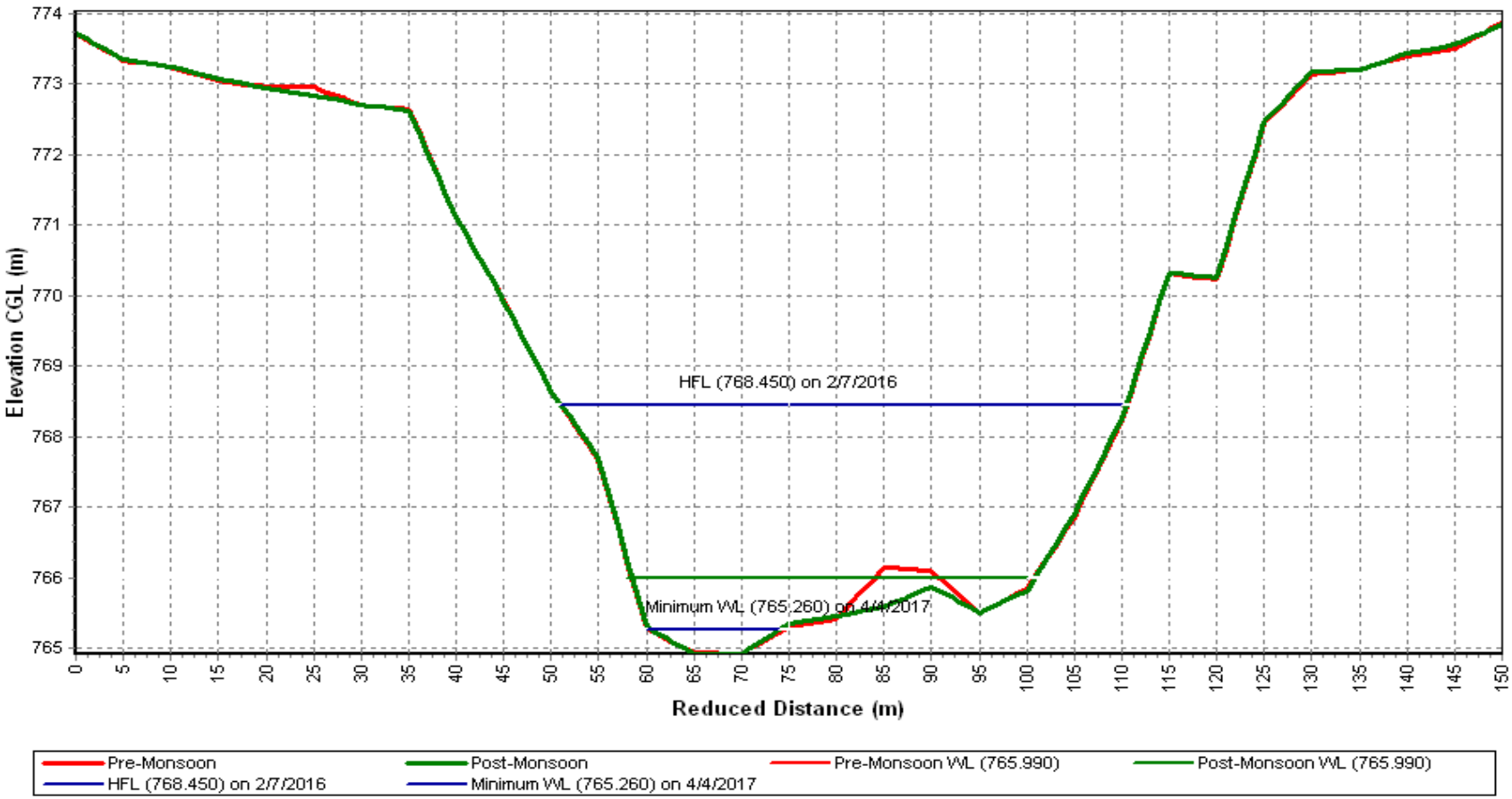
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : K.M.Vadi (CCQ00E9)

Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



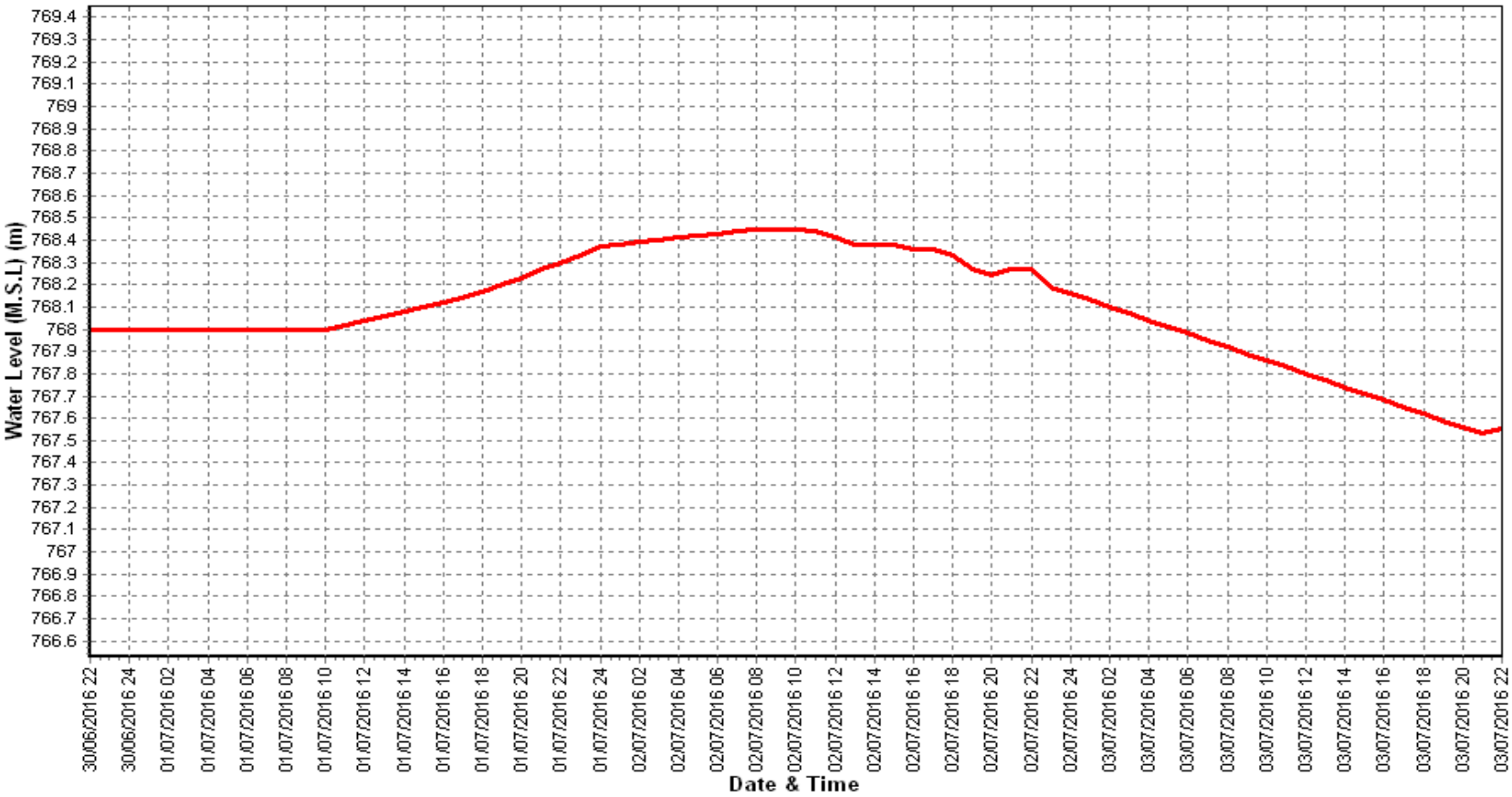
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : K.M.Vadi (CCQ00E9)

Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

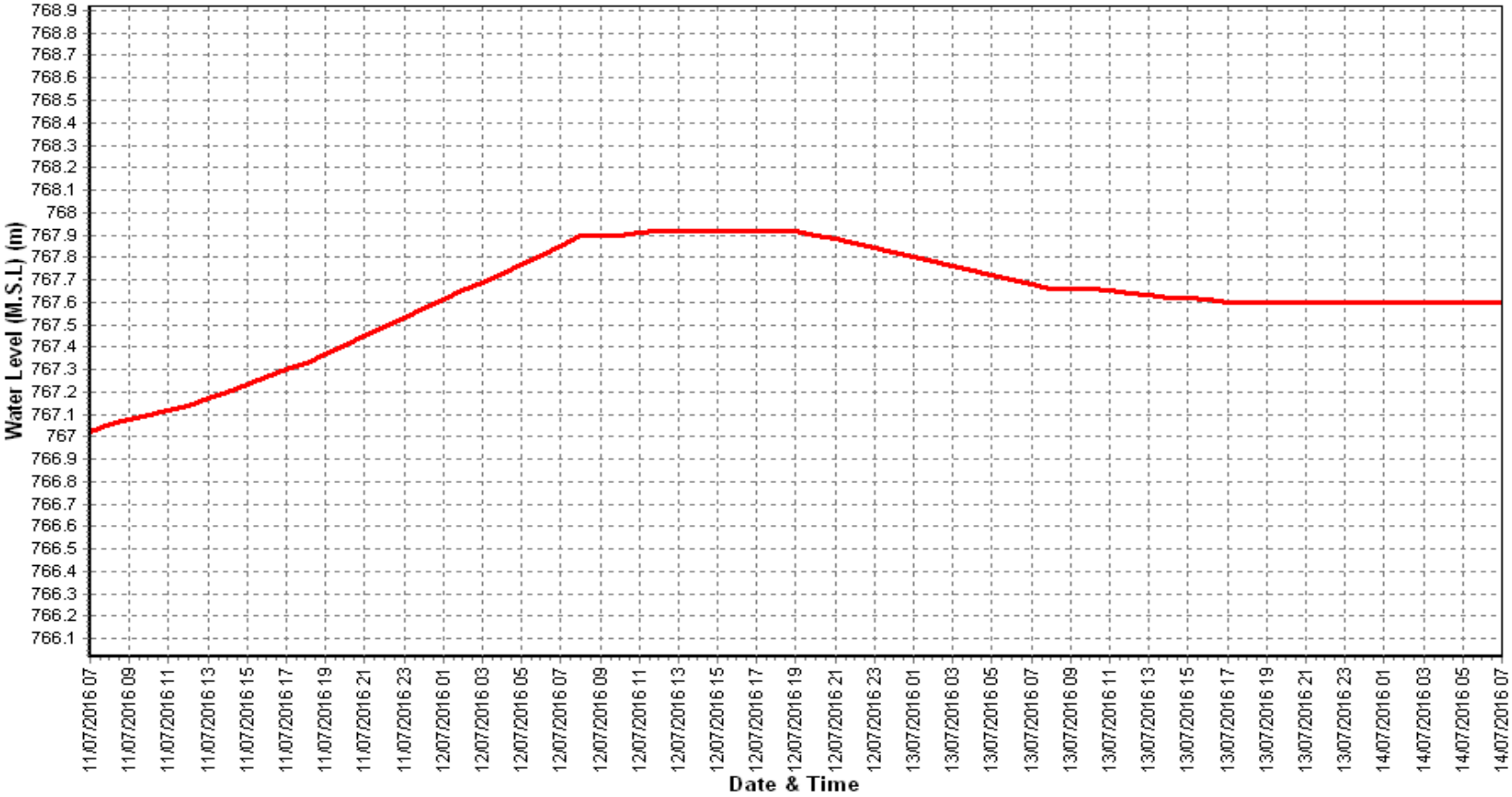


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : K.M.Vadi (CCQ00E9) | **Division : Cauvery Division, Bangalore**

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

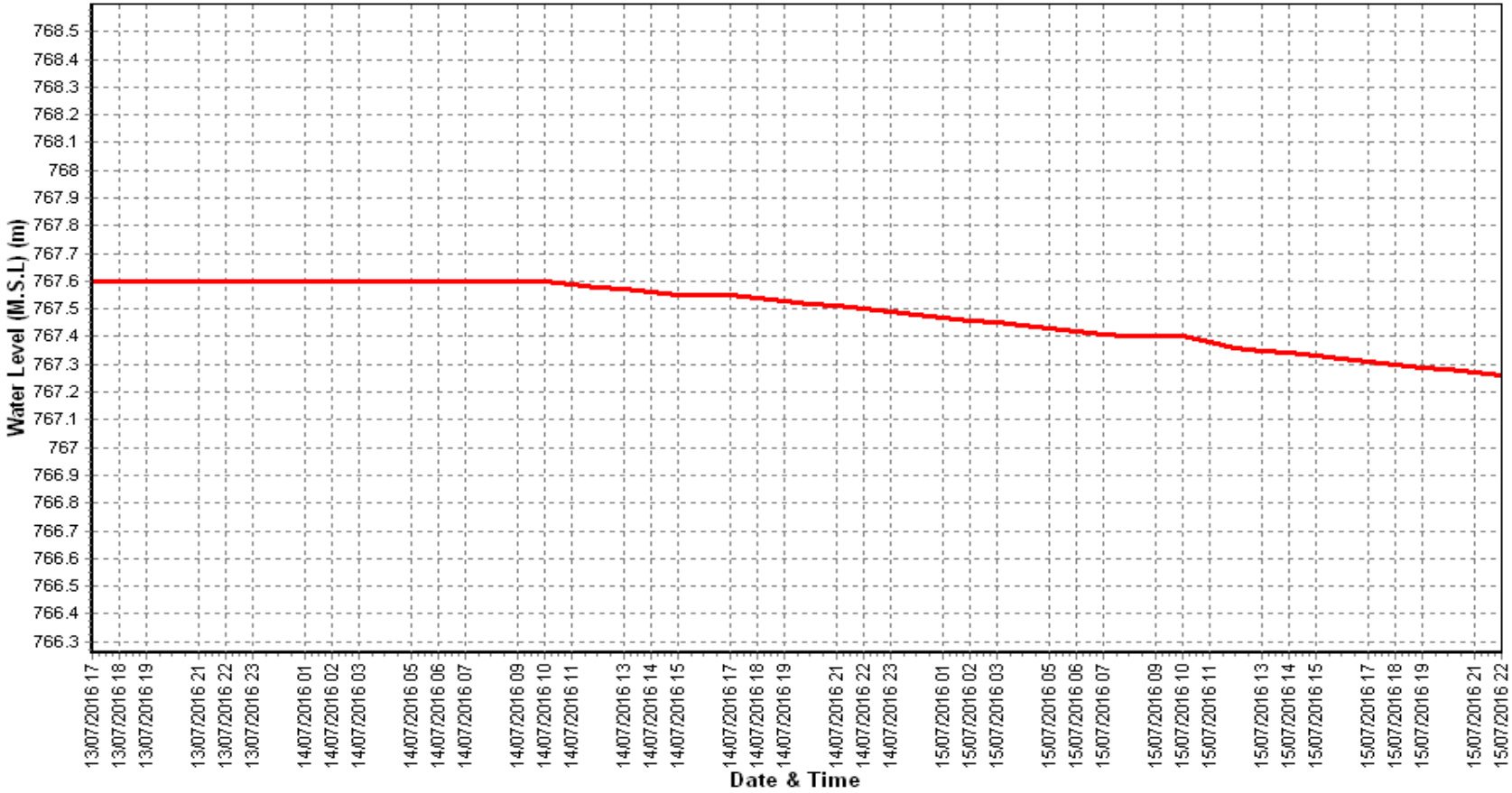


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	746.700	0.681 #	746.710	0.749	746.830	2.340 *	747.000	6.750	746.900	3.930	748.095	137.0
2	746.820	2.568	746.700	0.836	747.080	9.396 *	747.000	7.057	746.920	4.217 *	747.500	40.12
3	746.750	1.091	746.690	0.600 *	747.080	9.396 *	747.000	6.890	746.900	3.924	747.250	21.09 #
4	746.750	1.108	746.680	0.620	747.310	24.55	746.900	3.368	746.900	3.747	747.040	7.482
5	746.770	1.427 *	746.680	0.627	747.350	26.24	746.990	6.200 *	746.900	3.473	747.020	7.084
6	746.750	1.045	746.700	0.829	747.245	12.30	746.980	6.456	746.900	3.751	747.000	7.116 *
7	746.750	0.942	746.800	1.850 *	747.240	17.13 *	747.000	7.491	746.890	3.117	746.990	4.943
8	746.740	0.901	746.780	1.892	747.250	12.38	748.440	172.9	746.890	3.161	746.990	4.793
9	746.720	0.816	746.780	1.812	747.730	62.33	748.575	195.2	746.980	6.319 *	746.910	3.943
10	746.710	0.650	747.220	16.01 *	747.540	44.90	748.630	215.9	746.980	5.471	746.910	3.908 *
11	746.740	0.975	747.035	7.132	747.590	46.01	748.560	217.5 *	747.000	7.116 *	746.900	3.575
12	746.700	0.681 *	746.870	3.423	747.540	42.97	748.510	205.7	747.020	7.960 *	746.880	2.963
13	746.690	0.600 #	747.840	83.68	747.425	25.29	748.450	193.0 *	747.000	7.359	746.870	2.791 *
14	746.690	0.487	747.830	69.36	747.250	17.70 *	748.265	178.7	747.020	7.701	746.860	2.541 *
15	746.680	0.525 *	747.830	80.94	747.280	19.50 *	748.095	135.5	746.980	5.824	746.940	4.871 *
16	746.720	0.896	747.830	79.64	747.090	8.335	747.800	90.25	747.000	7.116 *	747.250	21.09 *
17	746.690	0.484	747.600	45.50 *	747.080	9.396 *	747.810	91.74	746.970	5.209	747.320	24.92
18	746.770	1.490	747.595	45.50 #	747.250	13.85	747.830	82.41 *	746.930	4.257	747.320	24.98
19	746.760	1.300 *	747.425	22.87	746.920	4.240 *	747.900	108.4	746.900	3.905	747.040	6.608
20	746.710	0.834	747.940	79.30	747.260	18.29 #	747.870	90.86	746.910	4.206	747.020	7.960 *
21	746.700	0.598	747.895	76.60	746.950	5.026 *	747.860	91.23	746.890	3.443	746.990	5.974
22	746.690	0.600 *	747.880	78.16	746.950	5.026 *	747.700	76.64	746.890	3.601	746.990	6.154
23	746.690	0.655	747.800	65.52	746.950	5.026 *	747.050	9.313 *	746.890	3.327 *	746.990	5.990
24	746.680	0.480	747.710	57.56 *	746.950	5.026 *	747.020	6.986	746.890	3.610	746.910	4.107
25	746.680	0.539	747.580	48.88	746.920	4.240 #	746.960	5.573 *	746.885	3.410	746.910	4.196
26	746.680	0.525 *	747.520	46.35	747.000	6.517 *	746.900	3.612 *	746.880	3.392	746.900	3.961
27	746.680	0.525 #	747.545	47.78	747.565	42.93	746.900	3.612 #	746.900	3.925	746.880	3.053 *
28	746.680	0.635	747.620	48.24	747.550	40.58 *	746.880	3.606	747.050	9.313 #	746.880	3.094
29	746.710	0.768 #	747.500	40.01	747.775	69.53	746.940	5.228	747.360	29.60 *	746.880	3.390
30	746.720	1.054	747.305	24.16	747.865	79.14	746.900	3.642	747.730	68.94 *	746.860	2.908
31			747.220	16.01 *	747.250	12.51			747.610	45.77		
Ten-Daily Mean												
I Ten-Daily	746.746	1.123	746.774	2.583	747.266	22.10	747.452	62.83	746.916	4.111	747.171	23.75
II Ten-Daily	746.715	0.827	747.580	51.73	747.268	20.56	748.109	139.4	746.973	6.065	747.040	10.23
III Ten-Daily	746.691	0.638	747.598	49.93	747.248	25.05	747.111	20.94	747.089	16.21	746.919	4.283
Monthly												
Min.	746.680	0.480	746.680	0.600	746.830	2.340	746.880	3.368	746.880	3.117	746.860	2.541
Max.	746.820	2.568	747.940	83.68	747.865	79.14	748.630	217.5	747.730	68.94	748.095	137.0
Mean	746.717	0.863	747.326	35.24	747.260	22.65	747.557	74.39	746.996	9.036	747.043	12.75

Annual Runoff in MCM = 447 Annual Runoff in mm = 85

Peak Observed Discharge = 215.9 cumecs on 10/09/2016 Corres. Water Level :748.63 m

Lowest Observed Discharge = 0.000 cumecs on 23/03/2017 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 2016 - 2017

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	746.860	3.077	746.840	2.755 *	746.800	2.077	746.820	2.447	746.600	0.000	746.520	0.000
2	746.860	3.066	746.850	3.038	746.800	2.022	746.820	2.416	746.590	0.000	746.520	0.000
3	747.445	21.06	746.820	2.505	746.780	1.770	746.800	1.949	746.590	0.000	746.510	0.000
4	747.445	20.86 *	746.820	2.603	746.780	1.956	746.760	1.440	746.580	0.000	746.505	0.000
5	746.860	3.000	746.850	2.677	746.780	1.876 *	746.750	1.523 *	746.580	0.000	746.505	0.000
6	746.860	3.053	746.850	2.838	746.780	1.781	746.740	1.439	746.565	0.000	746.500	0.000
7	747.300	15.13	746.820	2.391	746.780	1.787	746.690	0.944	746.570	0.000	746.500	0.000
8	746.870	3.245	746.850	2.917 *	746.780	1.806	746.690	0.871	746.570	0.000	746.510	0.000
9	746.860	3.094	746.820	2.611	746.780	1.796	746.670	0.742	746.570	0.000	746.510	0.000
10	746.860	2.990	746.800	2.119	746.800	2.044	746.670	0.770	746.570	0.000	746.510	0.000
11	747.320	15.75 *	746.850	2.935	746.800	2.066	746.650	0.585	746.560	0.000	746.510	0.000
12	747.320	15.75 *	746.820	2.521	746.800	2.150 *	746.700	0.968 *	746.570	0.000	746.520	0.000
13	746.860	2.944	746.820	2.904	746.760	1.443	746.710	1.030	746.570	0.000	746.520	0.000
14	746.860	3.054	746.850	2.938	746.760	1.520	746.670	0.789	746.560	0.000	746.520	0.000
15	746.850	2.930	746.820	2.443 *	746.760	1.395	746.650	0.597	746.560	0.000	746.520	0.000
16	746.850	2.732	746.850	2.853	746.710	1.099	746.650	0.559	746.560	0.000	746.520	0.000
17	746.860	2.911	746.850	2.878	746.710	1.108	746.650	0.519	746.580	0.000	746.520	0.000
18	746.870	3.257 *	746.860	3.293	746.710	1.087	746.650	0.500	746.570	0.000	746.560	0.000
19	746.870	3.259	746.820	2.540	746.690	0.870 *	746.650	0.556 *	746.570	0.000	746.580	0.000
20	746.860	3.137	746.820	2.939	746.710	1.069	746.650	0.526	746.570	0.000	746.580	0.000
21	746.870	3.238	746.820	2.821	746.710	1.072	746.630	0.428 #	746.580	0.000	746.590	0.000
22	746.860	3.099	746.820	2.443 *	746.740	1.464	746.620	0.371 #	746.580	0.000	746.590	0.000
23	746.860	3.099	746.820	2.825	746.740	1.469	746.610	0.000	746.580	0.000	746.590	0.000
24	746.860	3.069	746.810	2.186	746.700	0.963 *	746.610	0.000	746.580	0.000	746.600	0.000
25	746.850	2.917 *	746.810	2.208	746.690	0.938	746.610	0.000	746.570	0.000	746.600	0.000
26	746.870	3.880	746.800	2.150 *	748.200	67.59 *	746.610	0.000	746.570	0.000	746.600	0.000
27	746.860	3.057	746.810	2.061	747.775	69.10	746.610	0.000	746.560	0.000	746.610	0.000
28	746.850	2.827	746.810	2.184	747.035	7.079	746.600	0.000	746.560	0.000	746.610	0.000
29	746.860	3.072	746.800	2.150 *			746.600	0.000	746.530	0.000	746.610	0.000
30	746.850	2.902	746.800	2.138			746.600	0.000	746.530	0.000	746.610	0.000
31	746.850	2.780	746.800	2.130			746.600	0.000			746.740	1.650
Ten-Daily Mean												
I Ten-Daily	747.022	7.857	746.832	2.645	746.786	1.891	746.741	1.454	746.578	0.000	746.509	0.000
II Ten-Daily	746.952	5.572	746.836	2.824	746.741	1.381	746.663	0.663	746.567	0.000	746.535	0.000
III Ten-Daily	746.858	3.086	746.809	2.300	747.074	18.71	746.609	0.073	746.564	0.000	746.614	0.150
Monthly												
Min.	746.850	2.732	746.800	2.061	746.690	0.870	746.600	0.000	746.530	0.000	746.500	0.000
Max.	747.445	21.06	746.860	3.293	748.200	69.10	746.820	2.447	746.600	0.000	746.740	1.650
Mean	746.941	5.427	746.825	2.58	746.852	6.514	746.669	0.709	746.570	0	746.555	0.053

Peak Computed Discharge = 217.5 cumecs on 11/09/2016 **Corres. Water Level :748.56 m**

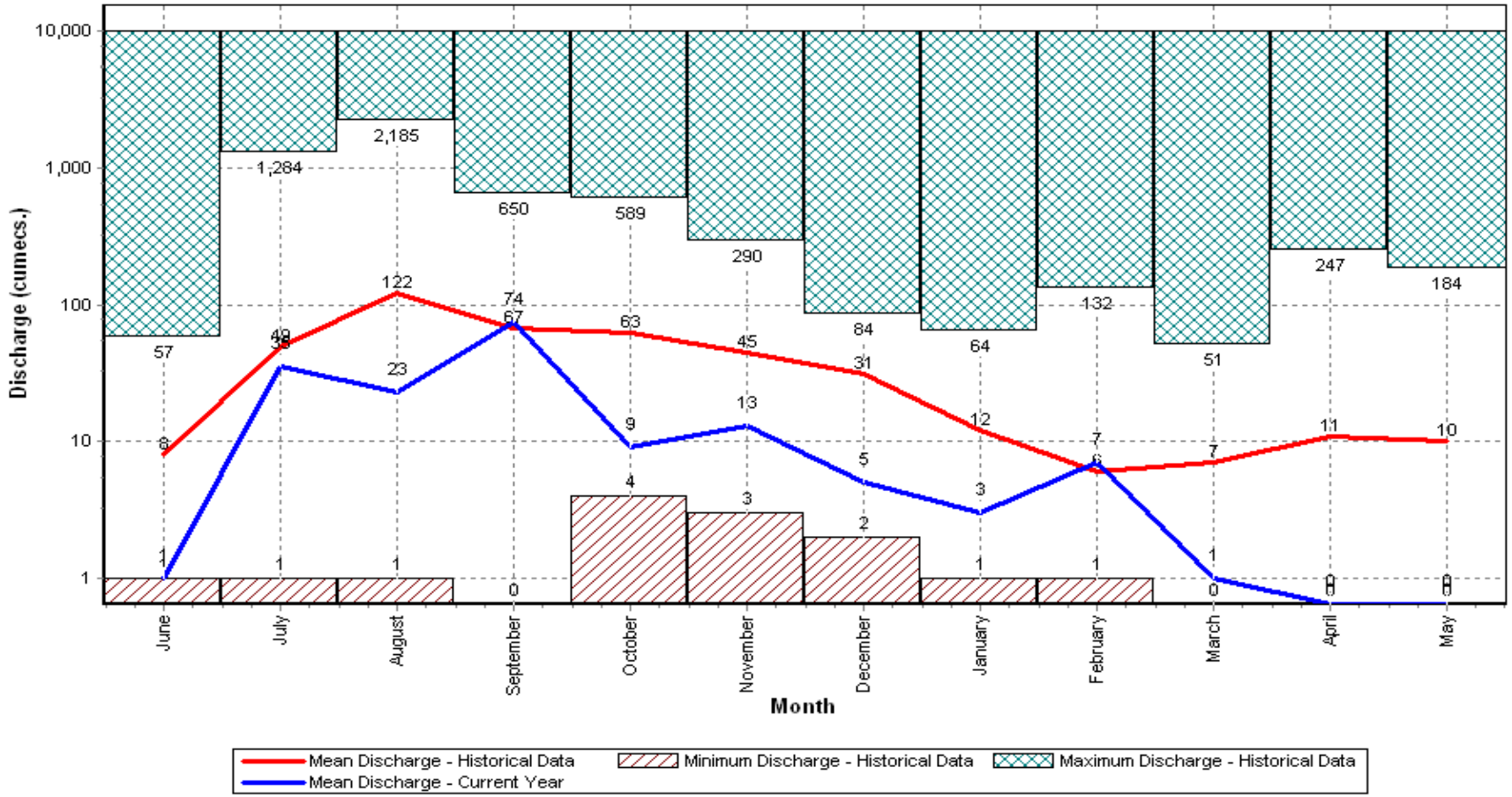
Lowest Computed Discharge = 0.525 cumecs on 15/06/2016 **Corres. Water Level :746.68 m**

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 : 2016-2017

Station Name : Akkihebbal (CCR00B7) **Data considered : 2002-2017** **Division : Cauvery Division, Bangalore**

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



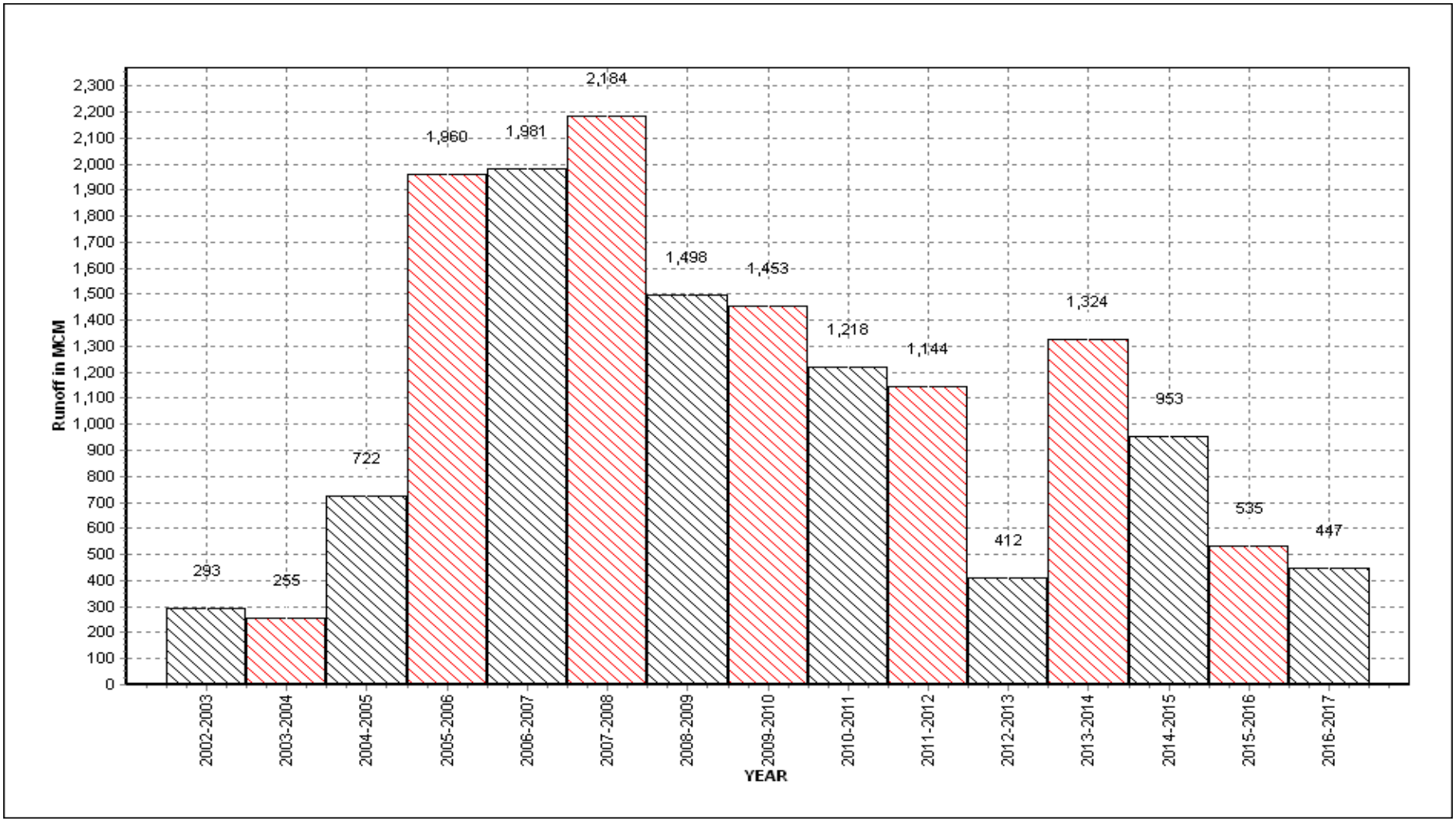
Annual Runoff Values for the period: 2002 - 2017

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

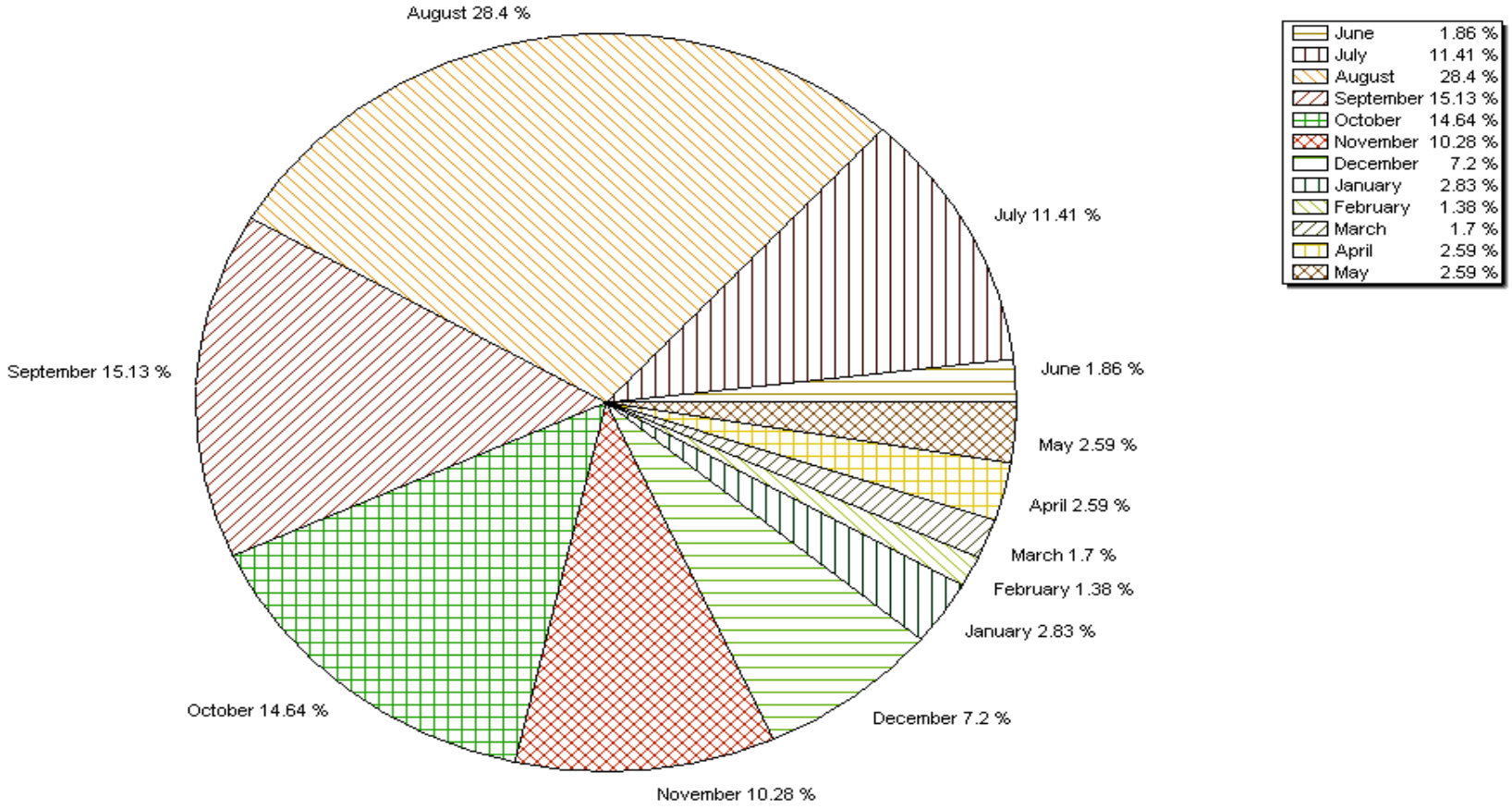


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2002-2016

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

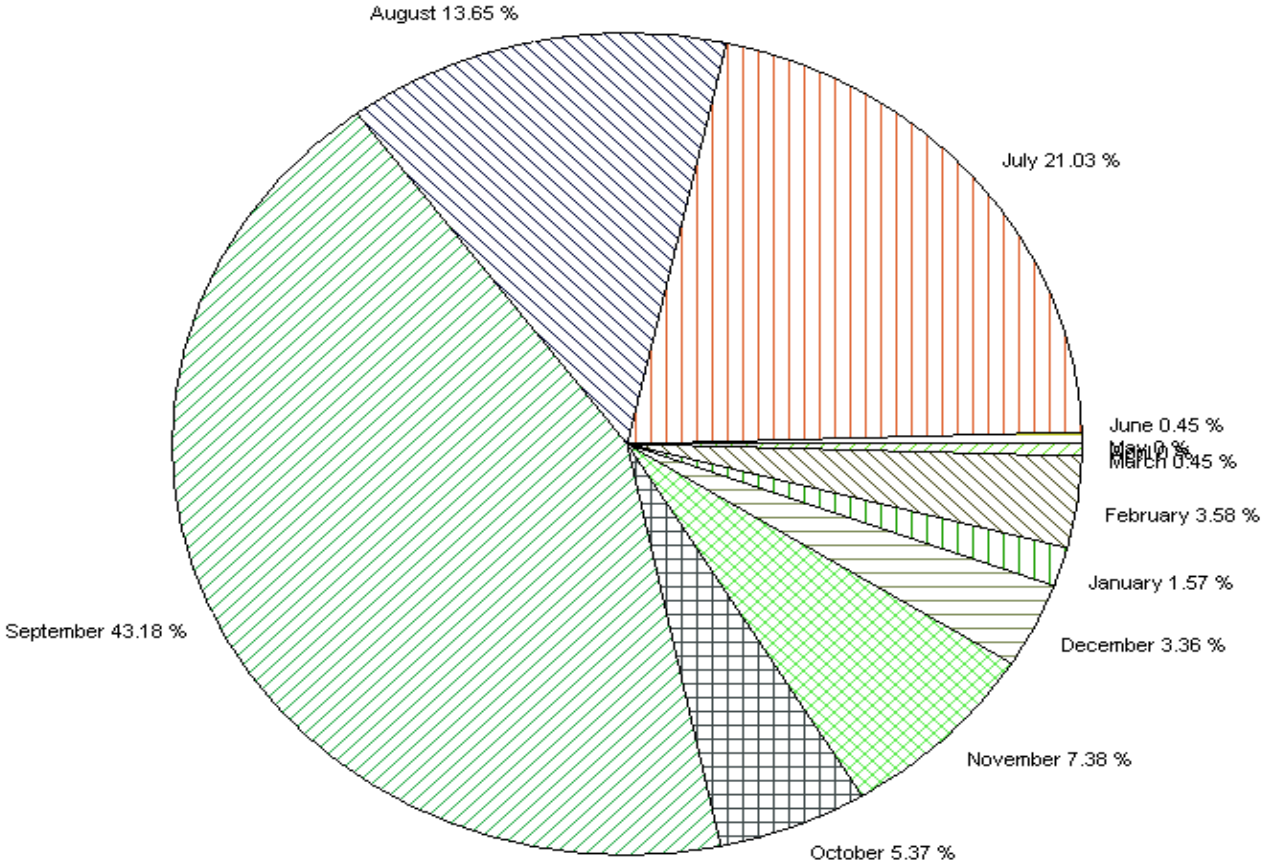
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



June	0.45 %
July	21.03 %
August	13.65 %
September	43.18 %
October	5.37 %
November	7.38 %
December	3.36 %
January	1.57 %
February	3.58 %
March	0.45 %
April	0 %
May	0 %

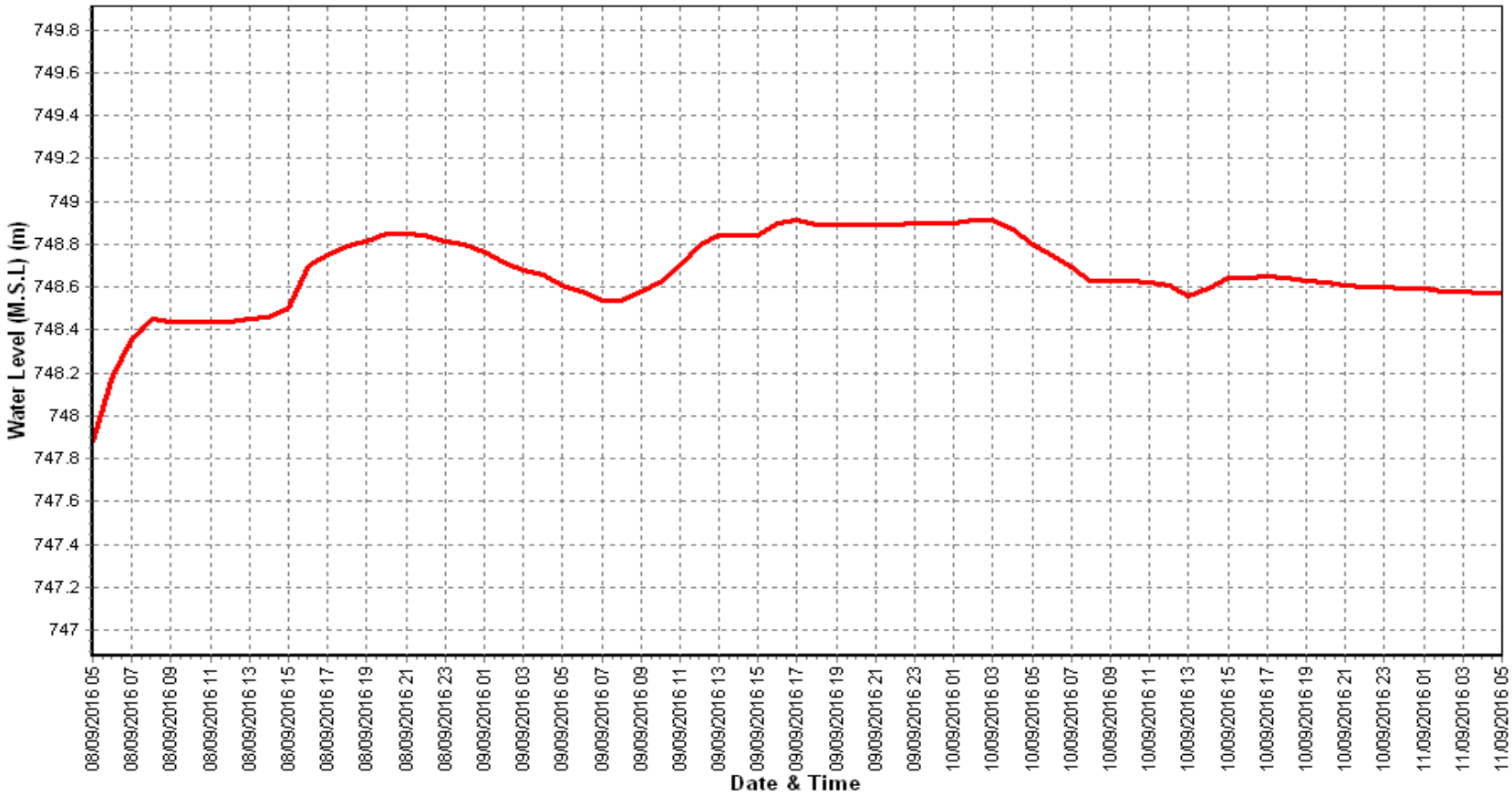
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

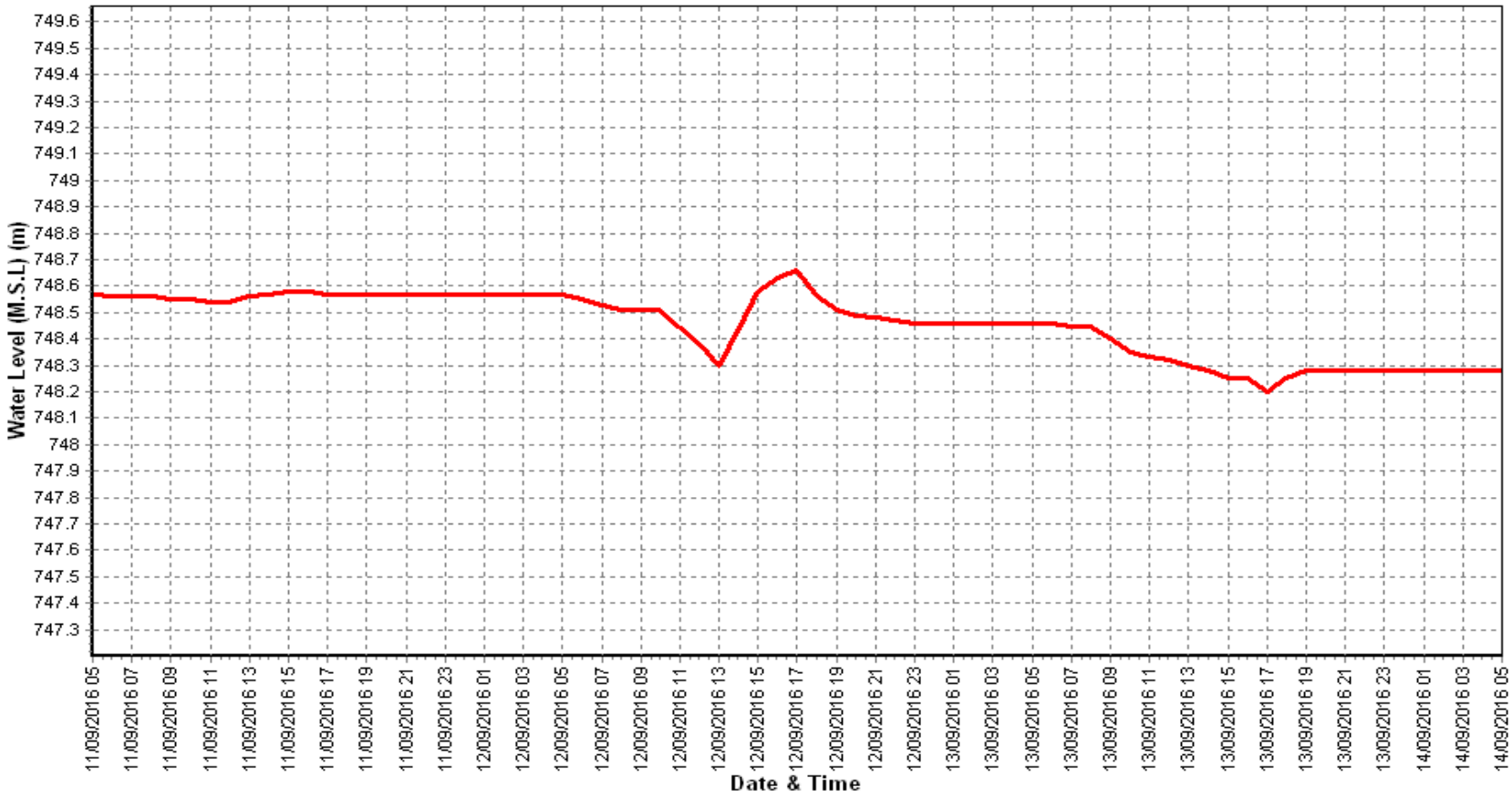
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Akkihebbal (CCR00B7)

Division : Cauvery Division, Bangalore

Local River : Hemavathi

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

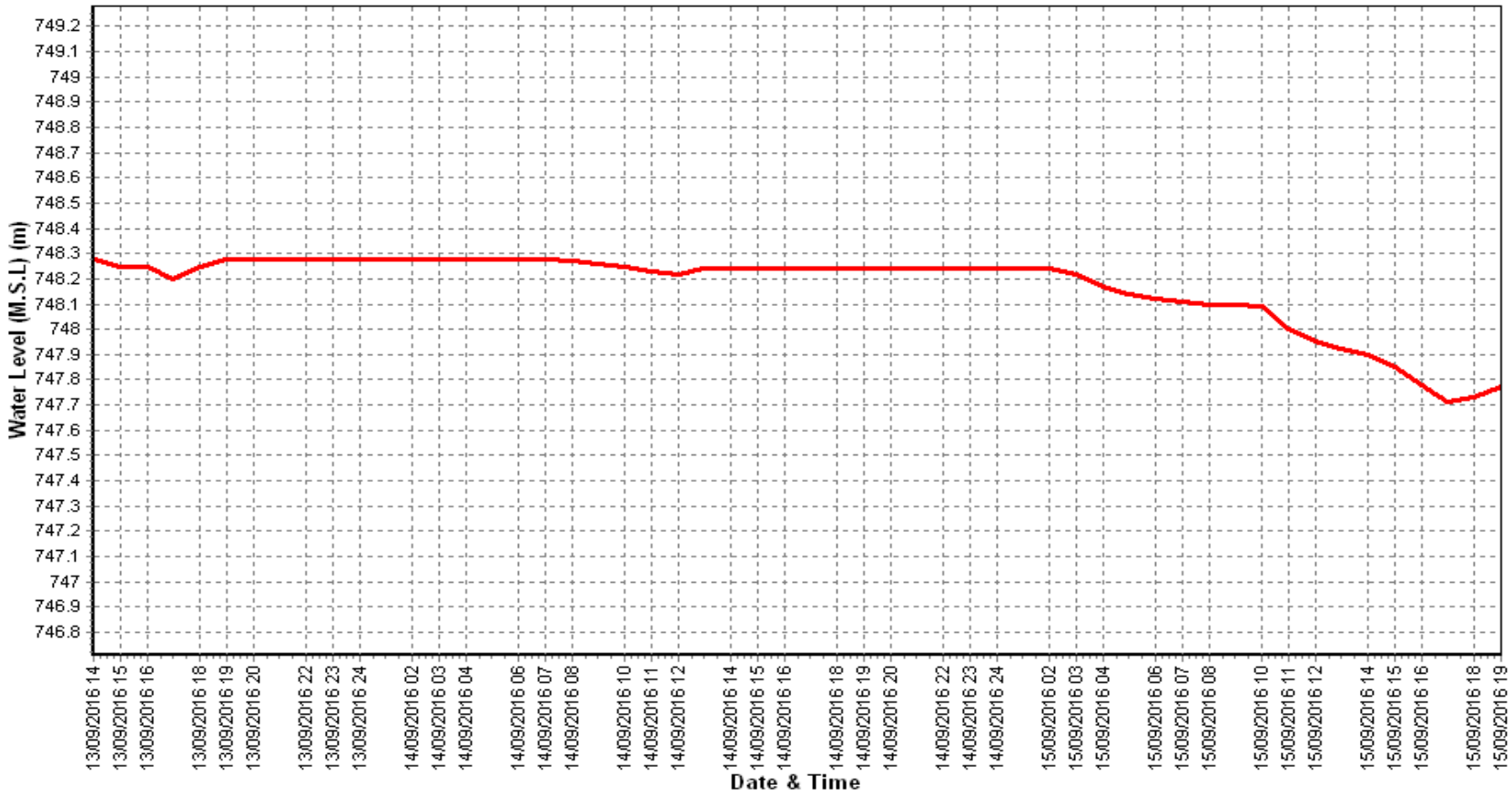
Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

HISTORY SHEET

		Water Year	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	837.880	0.000	837.990	0.000	838.540	18.09	838.520	18.23	837.970	0.000	838.820	57.03
2	837.880	0.000	838.040	0.000	838.520	16.84	838.510	16.12 *	837.970	0.000	838.200	11.86 #
3	837.880	0.000	838.080	0.000	838.545	18.81	838.520	16.75 *	837.970	0.000	838.170	10.78 #
4	837.880	0.000	838.100	0.000	838.650	28.60	838.520	16.75 *	838.210	12.23 #	838.160	10.43 #
5	837.880	0.000	838.110	0.000	838.610	24.32	838.520	16.75 *	838.530	22.49	838.155	10.26 #
6	837.880	0.000	838.270	5.003	838.620	25.44	838.520	17.88	838.600	27.18	838.200	11.86 *
7	837.880	0.000	838.430	0.000	839.990	222.7	839.990	222.7	838.730	46.80	838.240	16.46
8	837.880	0.000	838.170	0.000	839.030	58.91	839.940	200.5	838.565	26.78	838.290	15.94
9	837.890	0.000	838.230	2.838	838.990	56.89	840.065	231.1	838.550	29.23 *	838.260	16.22
10	837.900	0.000	838.150	0.000	838.930	51.62	839.850	179.0	838.550	24.02	838.420	20.63
11	837.900	0.000	839.170	83.56	838.910	52.18	839.830	184.5 *	838.550	29.23 *	838.470	23.39
12	837.900	0.000	839.035	56.42	838.850	44.56	839.730	161.8	838.420	21.71 *	838.570	25.73
13	837.900	0.000	839.035	57.09	838.630	24.81	839.460	123.0	838.370	20.04	838.850	51.83 *
14	837.900	0.000	839.040	58.67	838.660	26.79 *	839.430	121.2	838.350	17.95	838.790	46.69 *
15	837.900	0.000	839.030	57.14	838.660	26.79 *	839.100	73.42	838.330	16.22	838.780	54.73
16	837.900	0.000	838.830	42.59	838.640	25.87	839.080	69.00	838.320	16.80 *	838.780	57.32
17	837.900	0.000	838.770	36.21 *	838.530	19.03	838.860	46.42	838.320	17.10	838.350	18.28
18	837.900	0.000	838.550	19.48	838.705	33.45	839.130	80.08 *	838.330	17.58	838.310	16.63
19	837.890	0.000	839.125	77.34	838.670	29.67	839.110	77.47	838.310	15.92	838.380	19.97
20	837.880	0.000	839.110	75.32	838.590	22.39	839.110	78.44	838.300	16.04	838.350	18.19 *
21	837.880	0.000	839.110	74.83	838.660	26.79 *	838.980	57.51	838.290	14.53	838.340	17.79
22	837.880	0.000	839.110	75.29	838.610	24.01	838.350	18.19 *	838.280	13.38	838.360	18.48
23	837.880	0.000	838.990	55.66	838.570	21.77	838.170	10.78 *	838.310	16.35 *	838.360	0.000
24	837.880	0.000	838.950	54.40 *	838.650	28.89	838.010	0.000	838.280	16.69	838.340	0.000
25	837.880	0.000	838.930	49.65	838.570	22.24	838.020	0.000	838.560	24.03	838.370	0.000
26	837.880	0.000	838.920	50.46	839.110	78.16	838.030	0.000	838.780	55.61	838.400	0.000
27	837.880	0.000	838.920	50.11	839.100	74.25	838.055	0.000	838.780	54.34	838.350	0.000
28	837.890	0.000	838.920	50.05	839.160	79.89 *	838.110	8.801 *	838.860	62.06	838.240	0.000
29	837.910	0.000	838.145	0.000	839.150	85.02	837.980	0.000	839.050	71.27 *	838.120	0.000
30	837.940	0.000	838.460	10.82	838.510	17.31	837.970	0.000	839.050	71.27 *	838.100	0.000
31			838.530	17.40 *	838.540	20.09			839.010	76.98		
Ten-Daily Mean												
I Ten-Daily	837.883	0.000	838.157	0.784	838.842	52.22	839.095	93.59	838.364	18.87	838.292	18.15
II Ten-Daily	837.897	0.000	838.970	56.38	838.684	30.55	839.284	101.5	838.360	18.86	838.563	33.28
III Ten-Daily	837.890	0.000	838.817	44.42	838.785	43.49	838.168	9.528	838.659	43.32	838.298	3.627
Monthly												
Min.	837.880	0.000	837.990	0.000	838.510	16.84	837.970	0.000	837.970	0.000	838.100	0.000
Max.	837.940	0.000	839.170	83.56	839.990	222.7	840.065	231.1	839.050	76.98	838.850	57.32
Mean	837.890	0	838.653	34.2	838.771	42.13	838.849	68.22	838.468	27.54	838.384	18.35

Annual Runoff in MCM = 559 Annual Runoff in mm = 183

Peak Observed Discharge = 231.1 cumecs on 09/09/2016 Corres. Water Level :840.065 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :837.88 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 2016 - 2017

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	839.010	0.000	838.370	0.000	838.310	14.73	838.250	0.602	837.810	0.000	837.830	0.000
2	838.010	0.000	838.370	0.000	838.330	15.26	837.920	0.000	837.810	0.000	837.830	0.000
3	838.030	0.000	838.380	0.000	838.350	16.98	837.950	0.000	837.820	0.000	837.830	0.000
4	838.100	0.000	838.380	0.000	838.340	16.03	837.890	0.000	837.820	0.000	837.830	0.000
5	838.100	0.000	838.370	0.000	838.340	16.61 *	837.880	0.000	837.820	0.000	837.830	0.000
6	838.250	0.000	838.380	0.000	838.340	15.75	837.850	0.000	837.820	0.000	837.820	0.000
7	838.330	0.000	838.330	0.000	838.340	3.587 *	837.830	0.000	837.810	0.000	837.820	0.000
8	838.380	0.000	838.330	0.000	838.340	3.587 *	837.830	0.000	837.840	0.000	837.820	0.000
9	838.430	0.000	838.330	0.000	838.280	1.387 *	837.840	0.000	837.840	0.000	837.820	0.000
10	838.290	0.000	838.340	0.000	838.280	1.387 *	837.820	0.000	837.840	0.000	837.810	0.000
11	838.140	0.000	838.340	17.42	838.350	4.016 *	837.820	0.000	837.840	0.000	837.810	0.000
12	838.020	0.000	838.350	18.56	838.350	4.016 *	837.820	0.000	837.840	0.000	837.810	0.000
13	838.010	0.000	838.350	18.55	838.200	0.000	837.820	0.000	837.840	0.000	837.810	0.000
14	838.070	0.000	838.350	16.80	838.200	0.000	837.830	0.000	837.830	0.000	837.800	0.000
15	838.220	0.000	838.350	17.32 *	838.060	0.000	837.830	0.000	837.830	0.000	837.800	0.000
16	838.350	0.000	838.340	16.98	838.020	0.000	837.830	0.000	837.830	0.000	837.800	0.000
17	838.370	0.000	838.350	17.80	838.010	0.000	837.820	0.000	837.830	0.000	837.800	0.000
18	838.370	0.000	838.360	17.80	838.010	0.000	837.820	0.000	837.830	0.000	837.800	0.000
19	838.370	0.000	838.340	16.97	838.010	0.000	837.820	0.000	837.820	0.000	837.810	0.000
20	838.350	0.000	838.350	16.99	837.990	0.000	837.820	0.000	837.820	0.000	837.810	0.000
21	838.360	0.000	838.360	17.69	837.970	0.000	837.820	0.000	837.820	0.000	837.820	0.000
22	838.370	0.000	838.300	13.90 *	837.970	0.000	837.820	0.000	837.820	0.000	837.830	0.000
23	838.370	0.000	838.210	0.000	837.970	0.000	837.820	0.000	837.820	0.000	837.830	0.000
24	838.370	0.000	838.050	0.000	839.550	128.6 *	837.800	0.000	837.820	0.000	837.830	0.000
25	838.360	0.000	838.040	0.000	839.500	121.1	837.800	0.000	837.820	0.000	837.830	0.000
26	838.370	0.000	838.030	0.000	838.850	41.38 *	837.800	0.000	837.830	0.000	837.830	0.000
27	838.370	0.000	838.020	0.000	838.380	5.492	837.800	0.000	837.830	0.000	837.840	0.000
28	838.370	0.000	838.090	0.000	838.270	1.055	837.800	0.000	837.830	0.000	837.840	0.000
29	838.370	0.000	838.200	0.000			837.800	0.000	837.830	0.000	837.830	0.000
30	838.370	0.000	838.360	17.37			837.800	0.000	837.830	0.000	837.830	0.000
31	838.370	0.000	838.330	15.21			837.800	0.000			837.830	0.000
Ten-Daily Mean												
I Ten-Daily	838.293	0.000	838.358	0.000	838.325	10.53	837.906	0.060	837.823	0.000	837.824	0.000
II Ten-Daily	838.227	0.000	838.348	17.52	838.120	0.803	837.823	0.000	837.831	0.000	837.805	0.000
III Ten-Daily	838.368	0.000	838.181	5.833	838.557	37.21	837.805	0.000	837.825	0.000	837.831	0.000
Monthly												
Min.	838.010	0.000	838.020	0.000	837.970	0.000	837.800	0.000	837.810	0.000	837.800	0.000
Max.	839.010	0.000	838.380	18.56	839.550	128.6	838.250	0.602	837.840	0.000	837.840	0.000
Mean	838.298	0	838.292	7.722	838.318	14.68	837.844	0.019	837.826	0	837.820	0

Peak Computed Discharge = 184.5 cumecs on 11/09/2016 **Corres. Water Level :839.83 m**

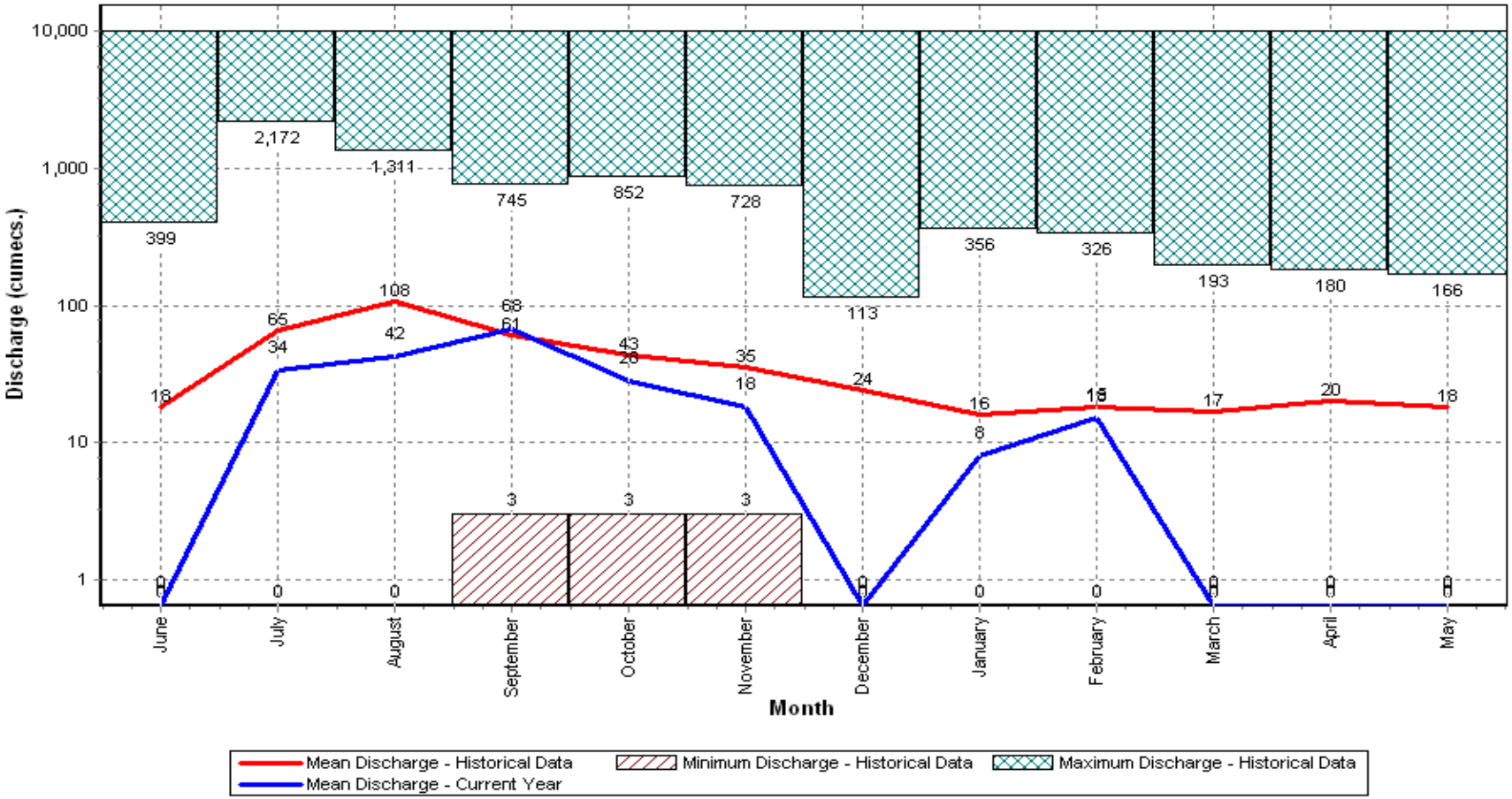
Lowest Computed Discharge = 1.387 cumecs on 09/02/2017 **Corres. Water Level :838.28 m**

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 : 2016-2017

Station Name : M.H.Halli (CCR00M8) | **Data considered : 1979-2017** | **Division : Cauvery Division, Bangalore**

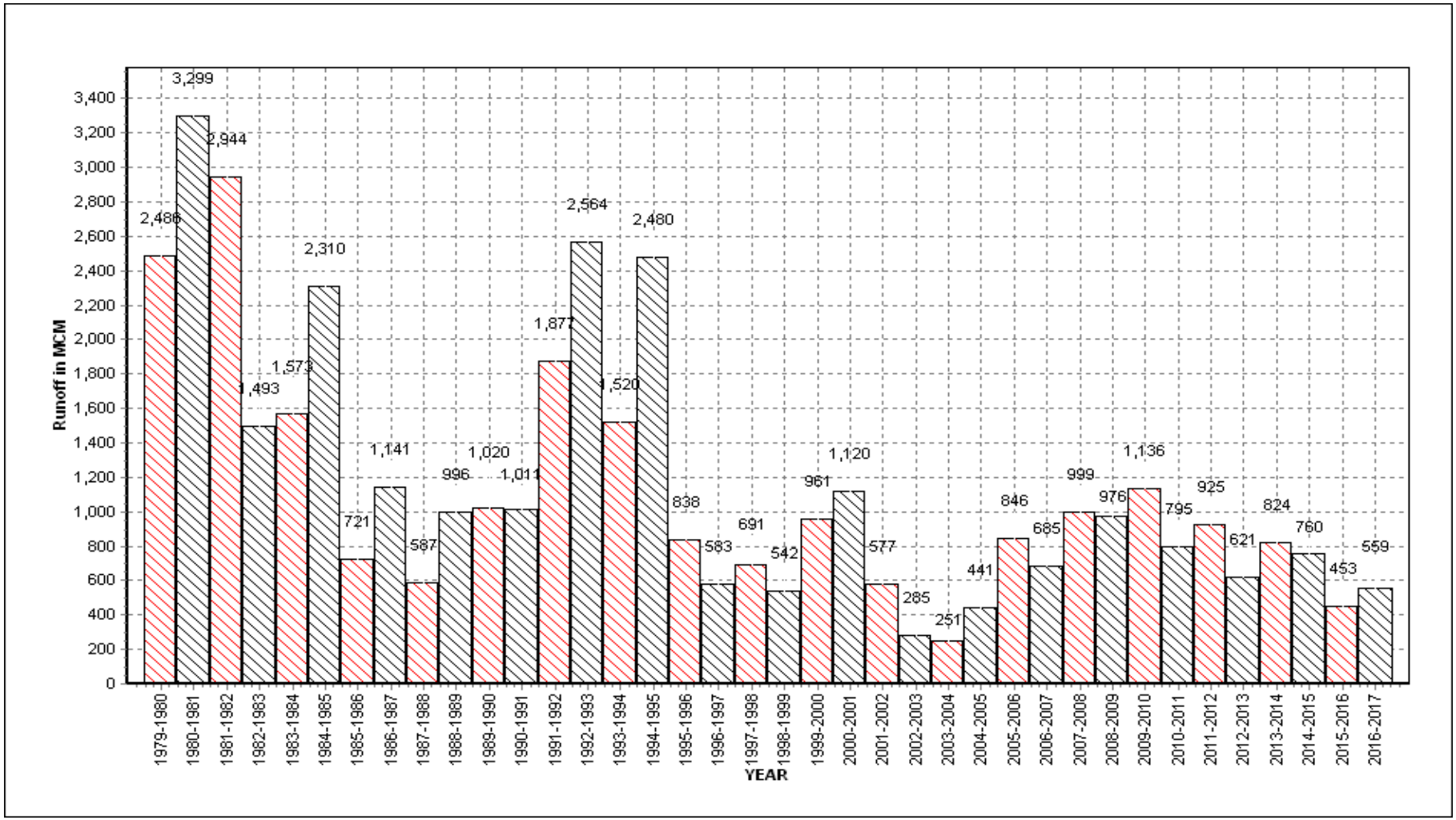
Local River : Hemavathi | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1979 - 2017

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

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

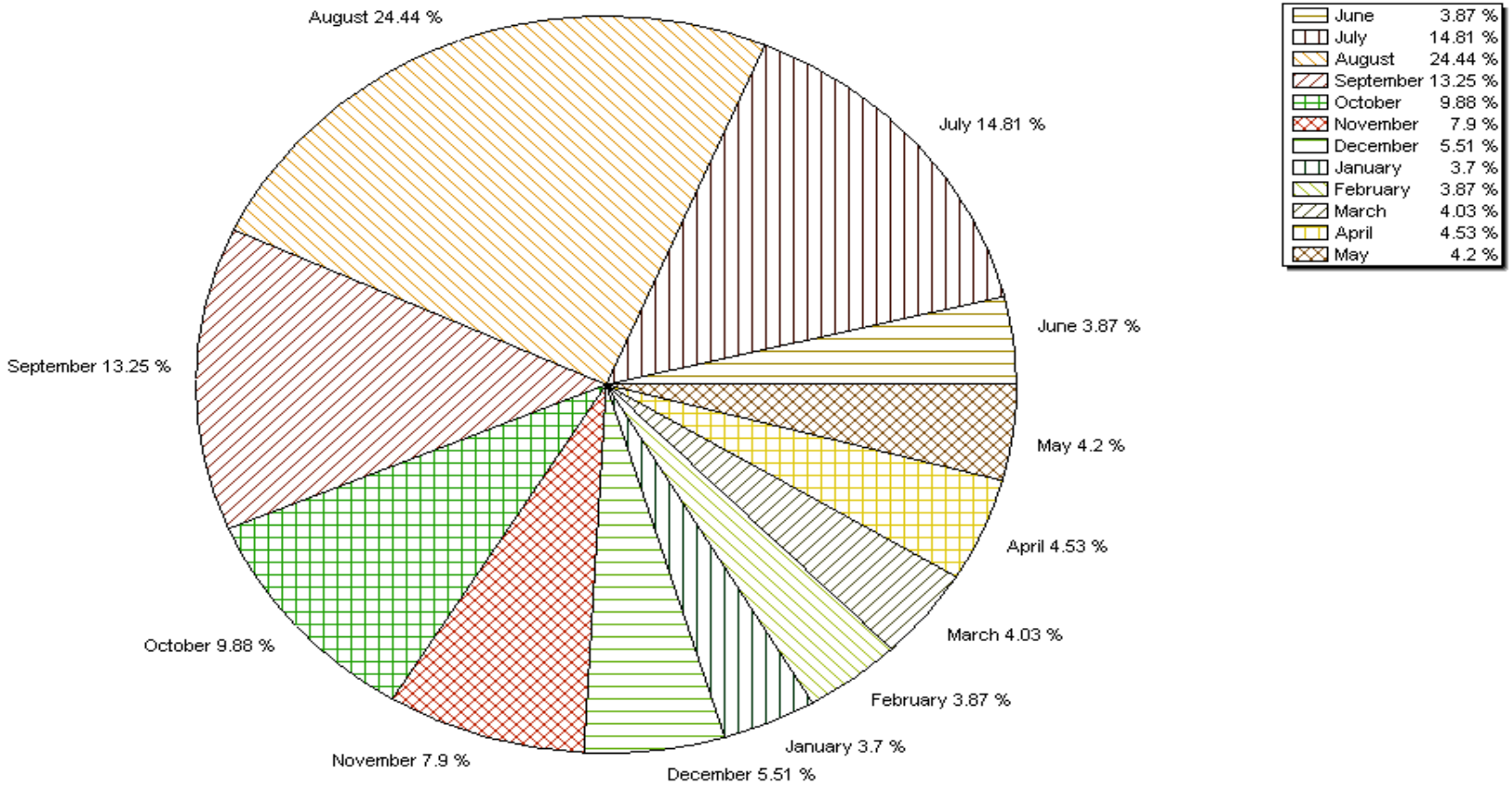


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1979-2016

Station Name : M.H.Halli (CCR00M8)
Local River : Hemavathi

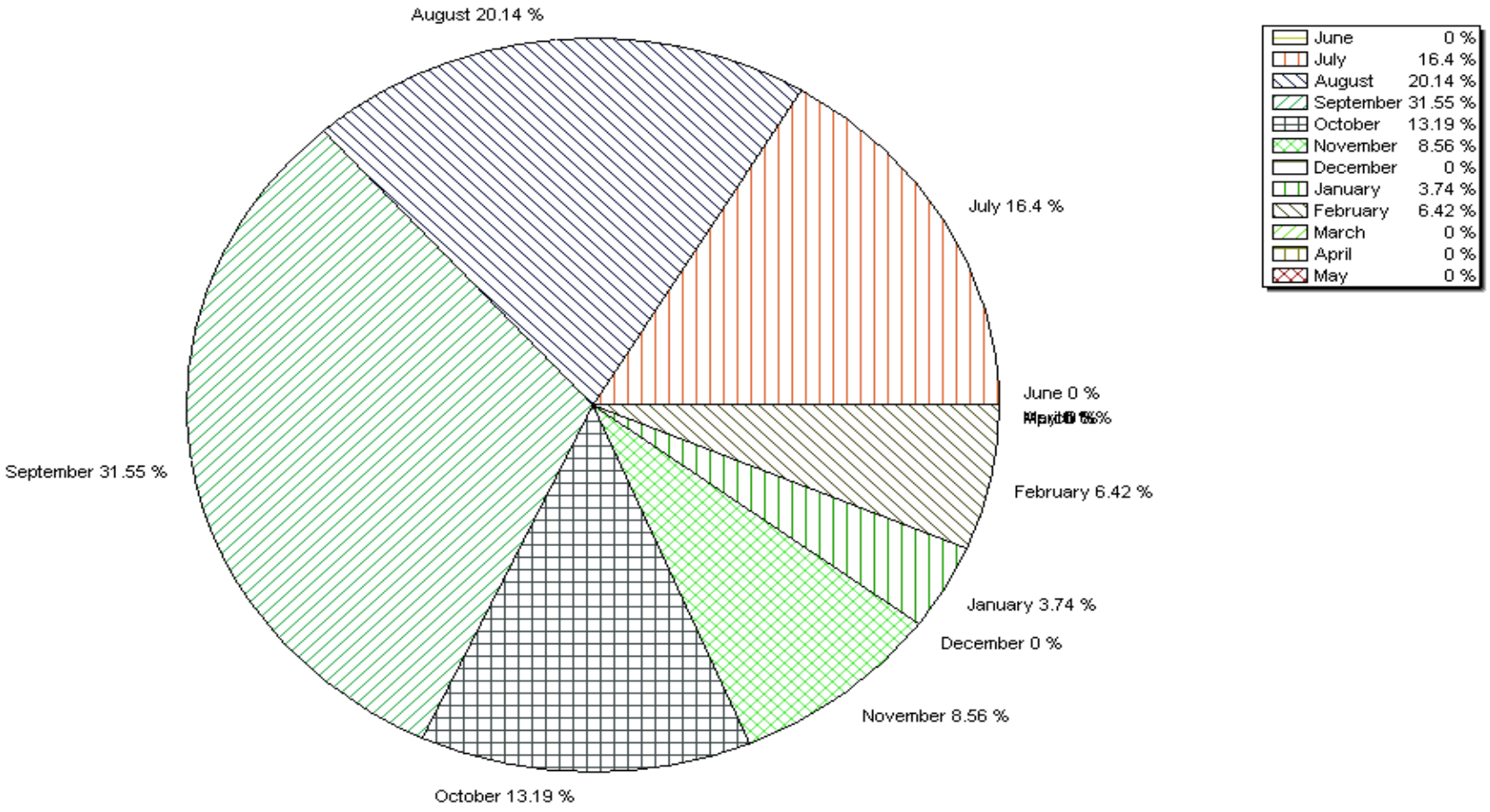
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : M.H.Halli (CCR00M8)
Local River : Hemavathi

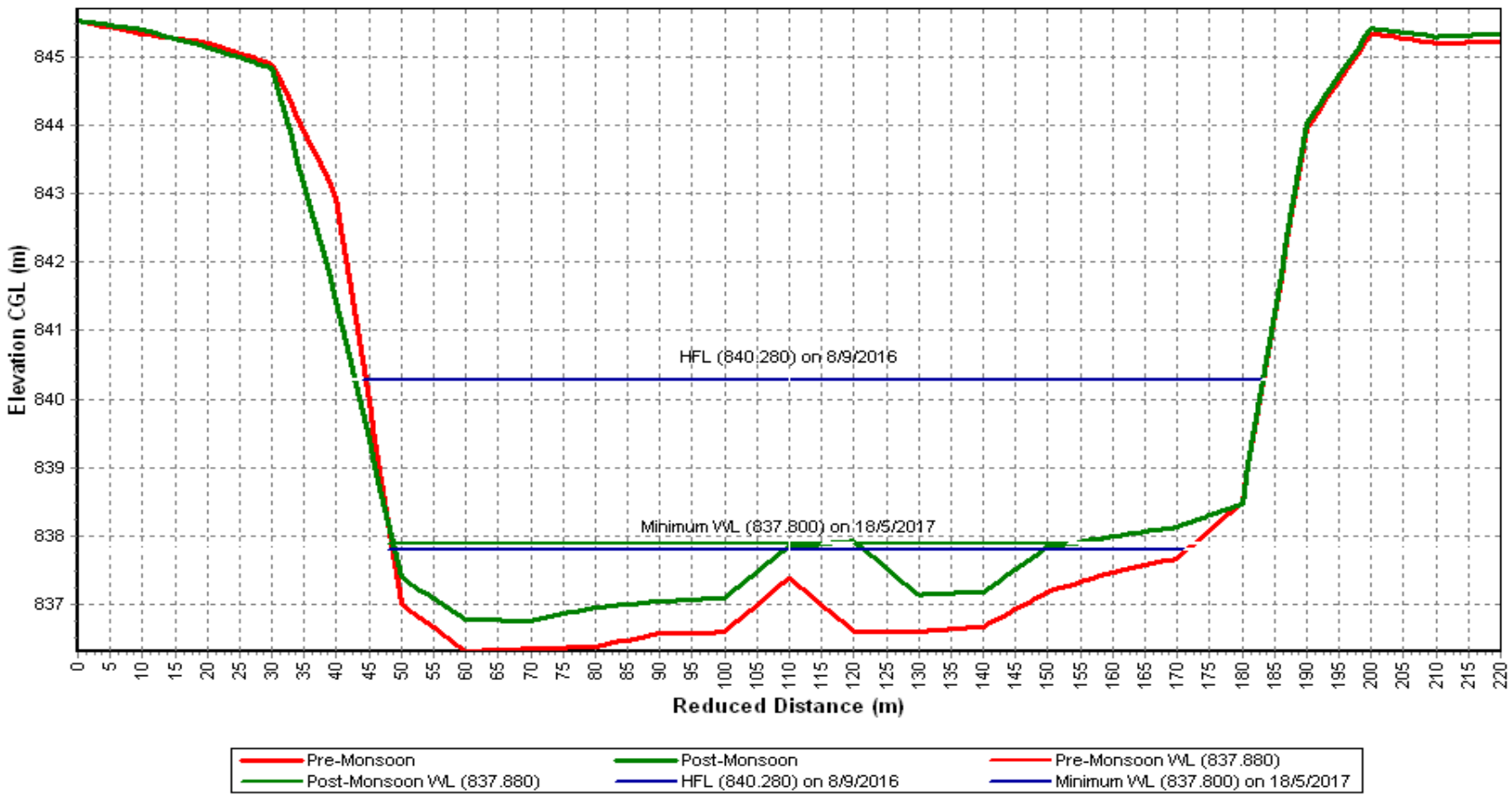
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

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



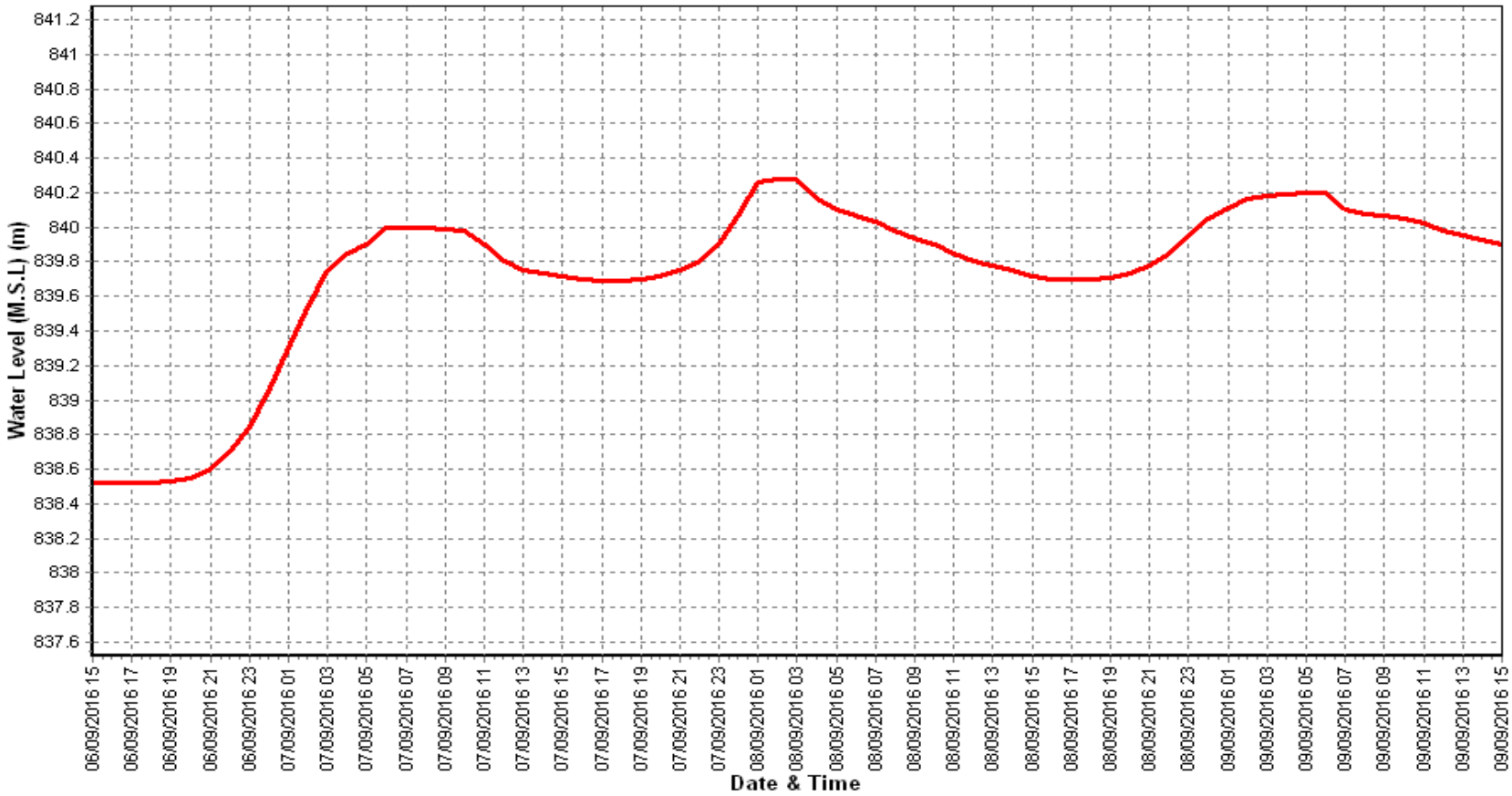
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

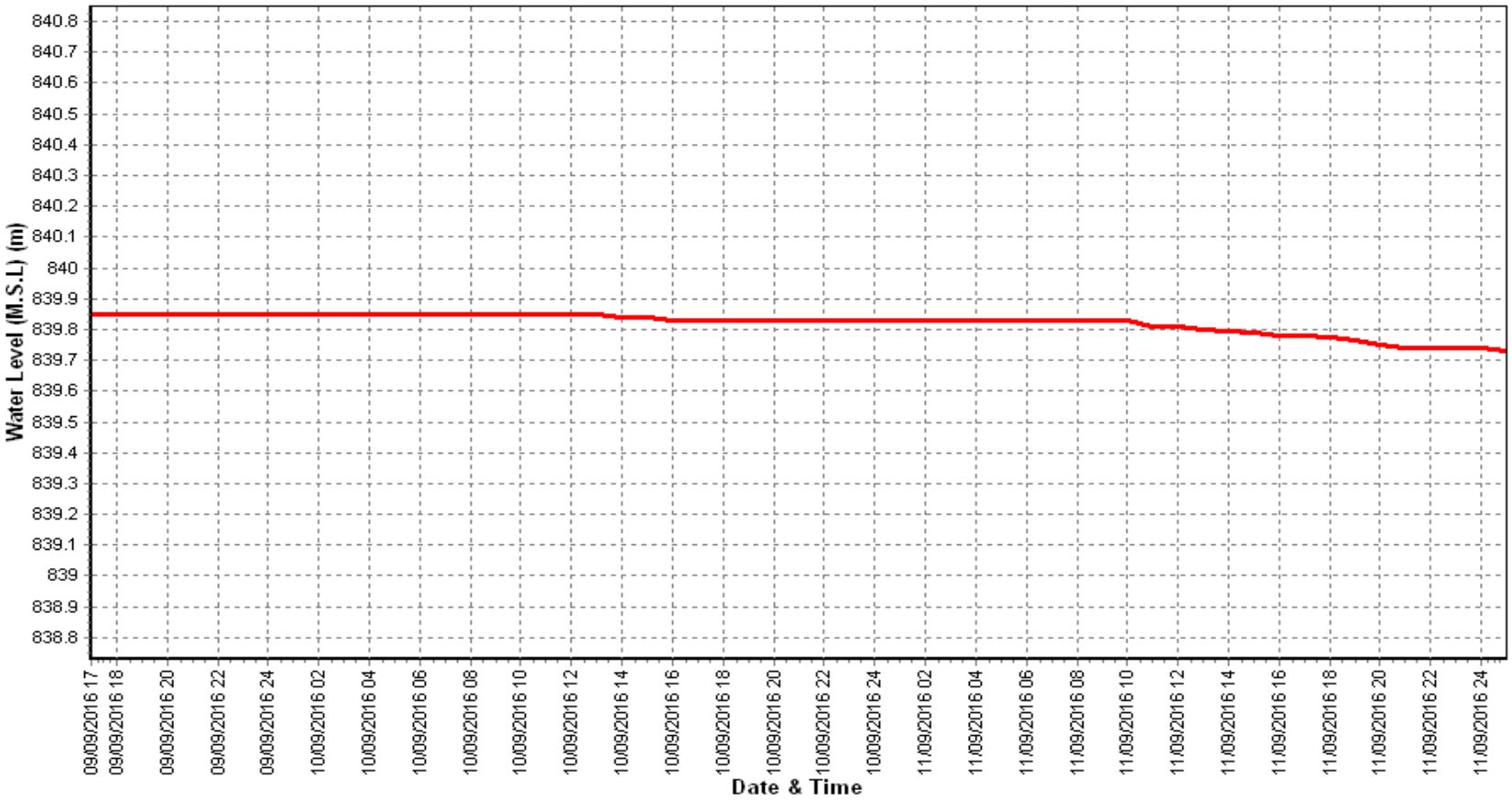


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : M.H.Halli (CCR00M8) **Division : Cauvery Division, Bangalore**

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

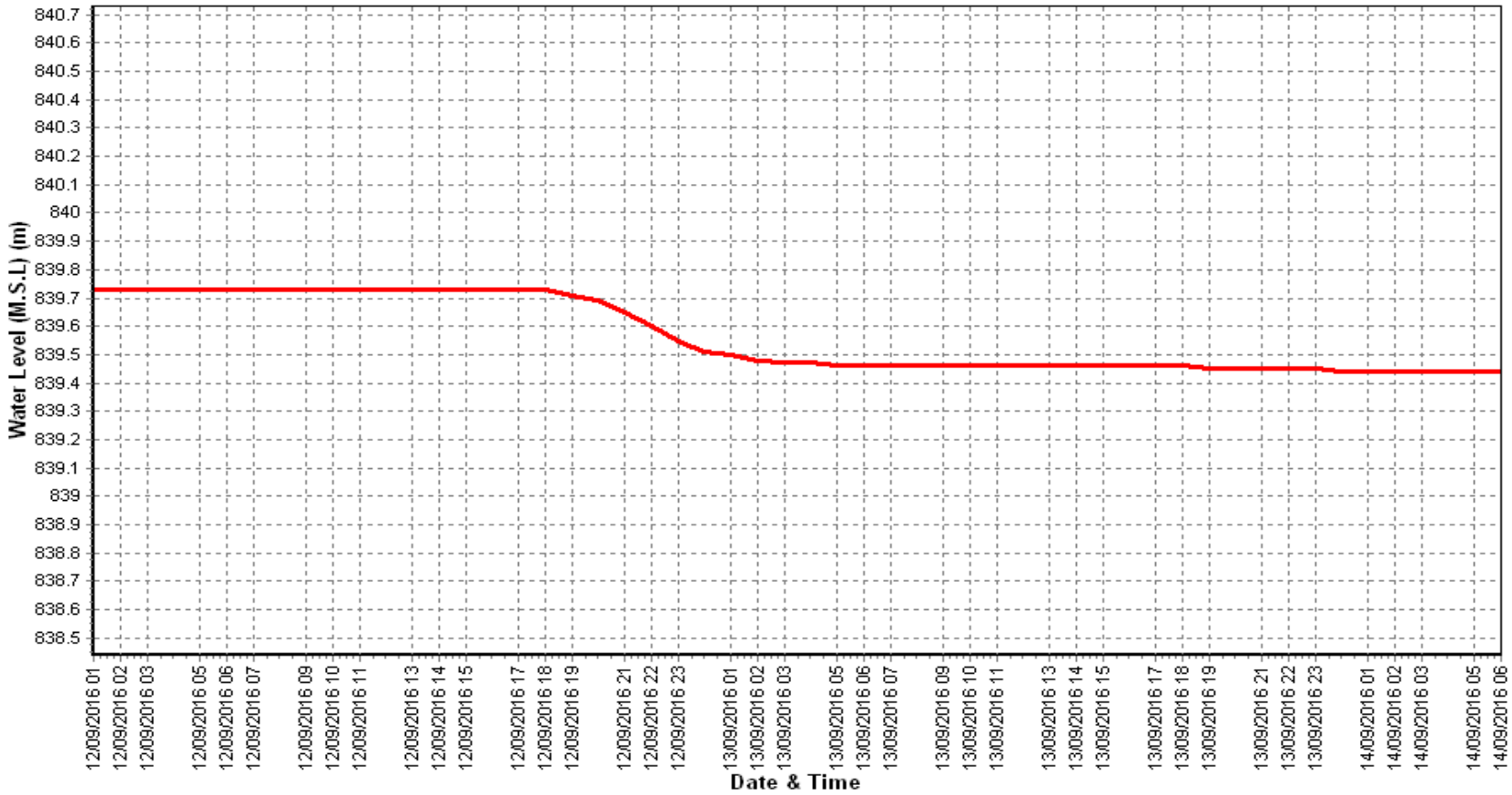


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	905.505	0.979	905.560	1.367	905.525	1.245	905.595	1.937	905.530	1.243	905.580	1.674
2	905.515	0.989	905.555	1.441	905.505	1.159	905.550	1.421	905.500	0.988 *	905.550	1.434
3	905.525	1.160	905.550	1.548 *	905.505	1.039 *	905.525	1.241	905.485	0.859	905.540	1.412
4	905.525	1.159	905.575	1.653	905.515	1.175	905.505	1.039 *	905.465	0.707	905.540	1.419
5	905.485	0.845 *	905.580	1.660	905.515	1.178	905.485	0.845 *	905.465	0.772	905.520	1.126
6	905.515	0.993	905.630	3.292	905.515	1.180	905.500	0.766	905.460	0.692	905.520	1.197 *
7	905.475	0.709	905.610	2.386 *	905.525	1.253 *	905.510	0.948	905.445	0.421	905.510	1.077
8	905.450	0.547	905.610	2.120	905.530	1.246	905.515	1.066	905.445	0.422	905.480	0.856
9	905.435	0.533	905.560	1.370	905.520	1.193	905.495	0.808	905.470	0.712 *	905.470	0.850
10	905.485	0.917	905.535	1.367 *	905.505	1.156	905.555	1.425	905.470	0.712	905.495	0.909
11	905.515	0.995	905.550	1.430	905.495	0.761	905.525	1.253 *	905.505	1.039 *	905.495	0.902
12	905.530	1.309 *	905.555	1.445	905.495	0.808	905.495	0.764	905.525	1.253 *	905.495	0.900
13	905.485	0.914	905.535	1.219	905.490	0.805	905.475	0.755 *	905.590	1.740	905.480	0.799 *
14	905.470	0.688	905.585	1.677	905.485	0.845 *	905.465	0.716	905.630	3.287	905.475	0.755 *
15	905.460	0.573	905.560	1.375	905.500	0.988 *	905.465	0.714	905.630	3.286	905.475	0.844
16	905.455	0.563	905.530	1.249	905.480	0.857	905.465	0.714	905.610	2.386 *	905.460	0.710
17	905.440	0.531	905.495	0.939 *	905.475	0.849	905.475	0.848	905.590	1.734	905.485	0.861
18	905.515	0.992	905.485	0.998	905.475	0.847	905.475	0.755 *	905.610	1.880	905.485	0.860
19	905.425	0.384 *	905.495	1.155	905.480	0.858	905.460	0.711	905.610	1.883	905.480	0.860
20	905.400	0.245 *	905.485	0.999	905.480	0.854	905.455	0.707	905.625	3.269	905.470	0.712 *
21	905.376	0.000	905.500	1.158	905.475	0.755 *	905.455	0.706	905.625	3.262	905.475	0.845
22	905.376	0.000	905.500	1.162	905.460	0.716	905.455	0.541	905.625	3.258	905.475	0.848
23	905.376	0.000	905.480	0.994	905.445	0.559	905.445	0.417	905.675	3.500 *	905.475	0.849
24	905.376	0.000	905.480	0.799 *	905.440	0.542	905.425	0.294	905.685	4.603	905.475	0.846
25	905.376	0.000	905.465	0.749	905.450	0.550	905.425	0.384 *	905.670	4.329	905.485	0.865
26	905.376	0.000	905.465	0.750	905.440	0.507	905.440	0.411	905.675	4.338	905.485	0.868
27	905.376	0.000	905.460	0.720	905.425	0.346	905.485	0.850	905.675	4.339	905.480	0.799 *
28	905.390	0.000	905.460	0.718	905.440	0.482 *	905.450	0.464	905.680	4.573	905.475	0.844
29	905.445	0.546	905.520	1.085	905.425	0.347	905.545	1.452	905.670	3.407 *	905.475	0.845
30	905.545	1.210	905.545	1.309	905.425	0.347	905.580	1.671	905.650	3.047 *	905.460	0.715
31			905.525	1.253 *	905.525	1.246			905.625	3.275		
Ten-Daily Mean												
I Ten-Daily	905.492	0.883	905.576	1.820	905.516	1.182	905.524	1.150	905.473	0.753	905.521	1.195
II Ten-Daily	905.470	0.719	905.527	1.248	905.486	0.847	905.475	0.794	905.592	2.176	905.480	0.820
III Ten-Daily	905.401	0.176	905.491	0.973	905.450	0.581	905.471	0.719	905.660	3.812	905.476	0.832
Monthly												
Min.	905.375	0.000	905.460	0.718	905.425	0.346	905.425	0.294	905.445	0.421	905.460	0.710
Max.	905.545	1.309	905.630	3.292	905.530	1.253	905.595	1.937	905.685	4.603	905.580	1.674
Mean	905.454	0.593	905.530	1.335	905.483	0.861	905.490	0.887	905.578	2.297	905.492	0.949

Annual Runoff in MCM = 21 Annual Runoff in mm = 21

Peak Observed Discharge = 4.603 cumecs on 24/10/2016 Corres. Water Level :905.685 m

Lowest Observed Discharge = 0.000 cumecs on 21/06/2016 Corres. Water Level :905.3755 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 2016 - 2017

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	905.480	0.852	905.455	0.577 *	905.325	0.000	905.105	0.000	905.025	0.000	905.025	0.000
2	905.480	0.855	905.445	0.424	905.295	0.000	905.035	0.000	905.005	0.000	905.125	0.000
3	905.485	0.869	905.445	0.423	905.275	0.000	905.035	0.000	904.985	0.000	905.375	0.000
4	905.475	0.774 *	905.445	0.423	905.275	0.000	905.875	0.000	904.985	0.000	905.355	0.000
5	905.485	0.871	905.445	0.639	905.225	0.000	904.845	0.000	904.975	0.000	905.335	0.000
6	905.485	0.871	905.455	0.635	905.225	0.000	904.825	0.000	904.945	0.000	905.345	0.000
7	905.475	0.845	905.445	0.425	905.205	0.000	904.825	0.000	904.925	0.000	905.445	0.000
8	905.475	0.846	905.425	0.328 *	905.235	0.000	904.825	0.000	904.925	0.000	905.375	0.000
9	905.455	0.713	905.425	0.294	905.235	0.000	905.385	0.000	905.235	0.000	905.365	0.000
10	905.465	0.718	905.395	0.139 *	905.225	0.000	905.385	0.000	905.345	0.000	905.365	0.000
11	905.455	0.577 *	905.405	0.195 *	905.205	0.000	905.245	0.000	905.345	0.000	905.365	0.000
12	905.460	0.624 *	905.430	0.305	905.185	0.000	905.245	0.000	905.325	0.000	905.405	0.000
13	905.465	0.719	905.410	0.237	905.185	0.000	905.245	0.000	905.315	0.000	905.485	0.870
14	905.505	1.031	905.410	0.237	905.185	0.000	905.235	0.000	905.265	0.000	905.455	0.000
15	905.525	1.238	905.445	0.488 *	905.185	0.000	905.275	0.000	905.225	0.000	905.425	0.272
16	905.545	1.450	905.440	0.375	905.165	0.000	905.725	0.000	905.215	0.000	905.375	0.000
17	905.520	1.123	905.410	0.238	905.145	0.000	905.725	0.000	905.195	0.000	905.335	0.000
18	905.505	1.111 *	905.410	0.230	905.145	0.000	905.435	0.000	905.175	0.000	905.285	0.000
19	905.495	0.900	905.410	0.236	905.145	0.000	905.425	0.000	905.175	0.000	905.345	0.000
20	905.480	0.851	905.395	0.000	905.145	0.000	905.425	0.000	905.175	0.000	905.345	0.000
21	905.475	0.843	905.395	0.000	905.145	0.000	905.225	0.000	905.175	0.000	905.345	0.000
22	905.465	0.717	905.375	0.000	905.145	0.000	905.125	0.000	905.145	0.000	905.345	0.000
23	905.465	0.716	905.335	0.000	905.145	0.000	905.265	0.000	905.115	0.000	905.335	0.000
24	905.470	0.728	905.325	0.000	905.125	0.000	905.275	0.000	905.075	0.000	905.325	0.000
25	905.445	0.488 *	905.325	0.000	905.105	0.000	905.105	0.000	905.065	0.000	905.335	0.000
26	905.475	0.840	905.325	0.000	905.105	0.000	905.075	0.000	905.025	0.000	905.285	0.000
27	905.455	0.712	905.275	0.000	905.085	0.000	905.075	0.000	905.025	0.000	905.315	0.000
28	905.425	0.294	905.275	0.000	905.105	0.000	905.075	0.000	905.015	0.000	905.315	0.000
29	905.425	0.295	905.465	0.000			905.025	0.000	905.015	0.000	905.305	0.000
30	905.465	0.715	905.285	0.000			905.025	0.000	905.035	0.000	905.305	0.000
31	905.465	0.714	905.345	0.000			905.045	0.000			905.295	0.000
Ten-Daily Mean												
I Ten-Daily	905.476	0.821	905.438	0.431	905.252	0.000	905.114	0.000	905.035	0.000	905.311	0.000
II Ten-Daily	905.495	0.963	905.417	0.254	905.169	0.000	905.398	0.000	905.241	0.000	905.382	0.114
III Ten-Daily	905.457	0.642	905.339	0.000	905.120	0.000	905.120	0.000	905.069	0.000	905.319	0.000
Monthly												
Min.	905.425	0.294	905.275	0.000	905.085	0.000	904.825	0.000	904.925	0.000	905.025	0.000
Max.	905.545	1.450	905.465	0.639	905.325	0.000	905.875	0.000	905.345	0.000	905.485	0.870
Mean	905.476	0.803	905.396	0.221	905.185	0	905.208	0	905.115	0	905.337	0.037

Peak Computed Discharge = 3.500 cumecs on 23/10/2016 **Corres. Water Level :905.675 m**

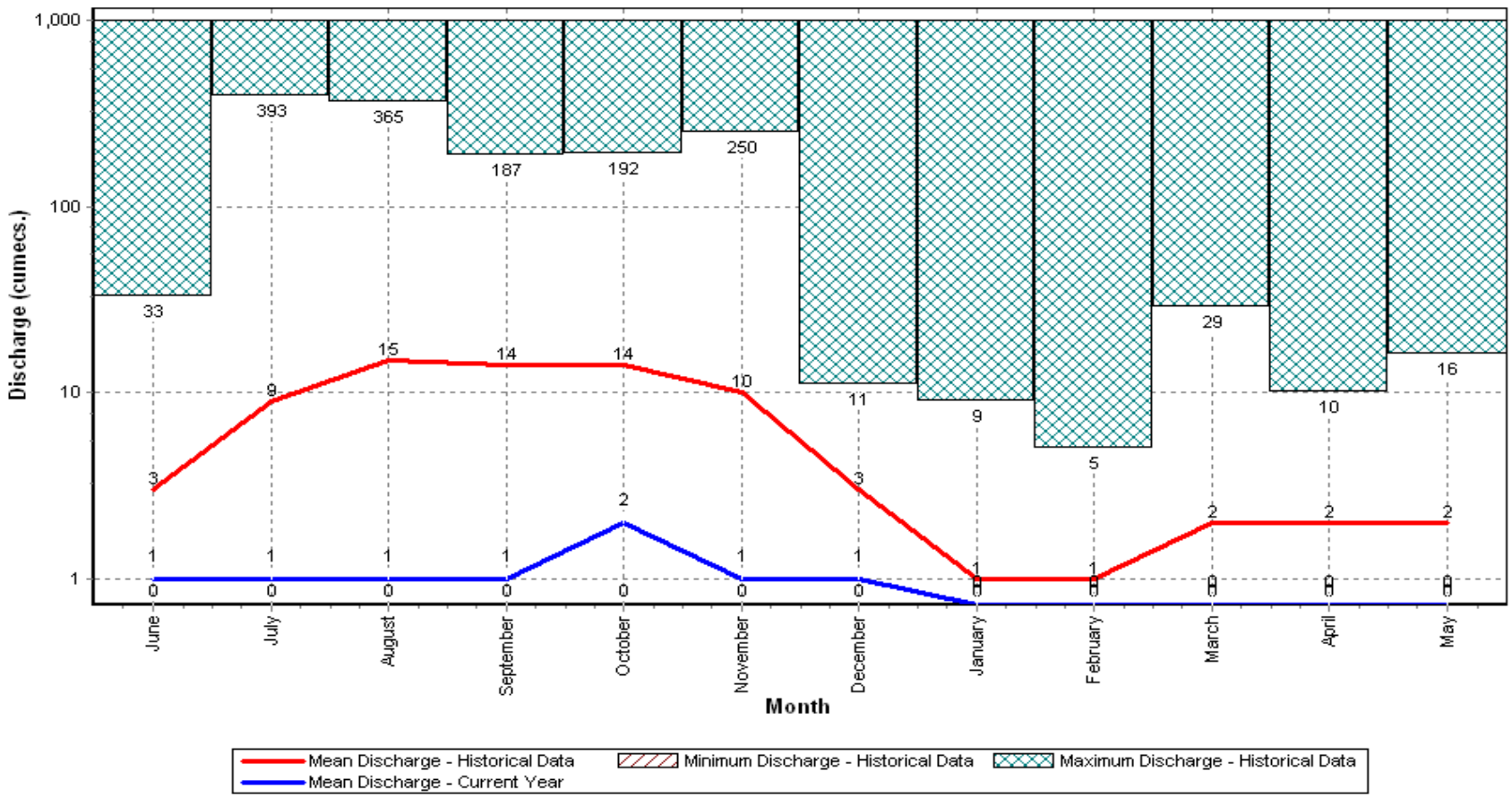
Lowest Computed Discharge = 0.139 cumecs on 10/01/2017 **Corres. Water Level :905.395 m**

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 : 2016-2017

Station Name : Thimmanahalli (CCRI0F7) **Data considered : 2001-2017** **Division : Cauvery Division, Bangalore**

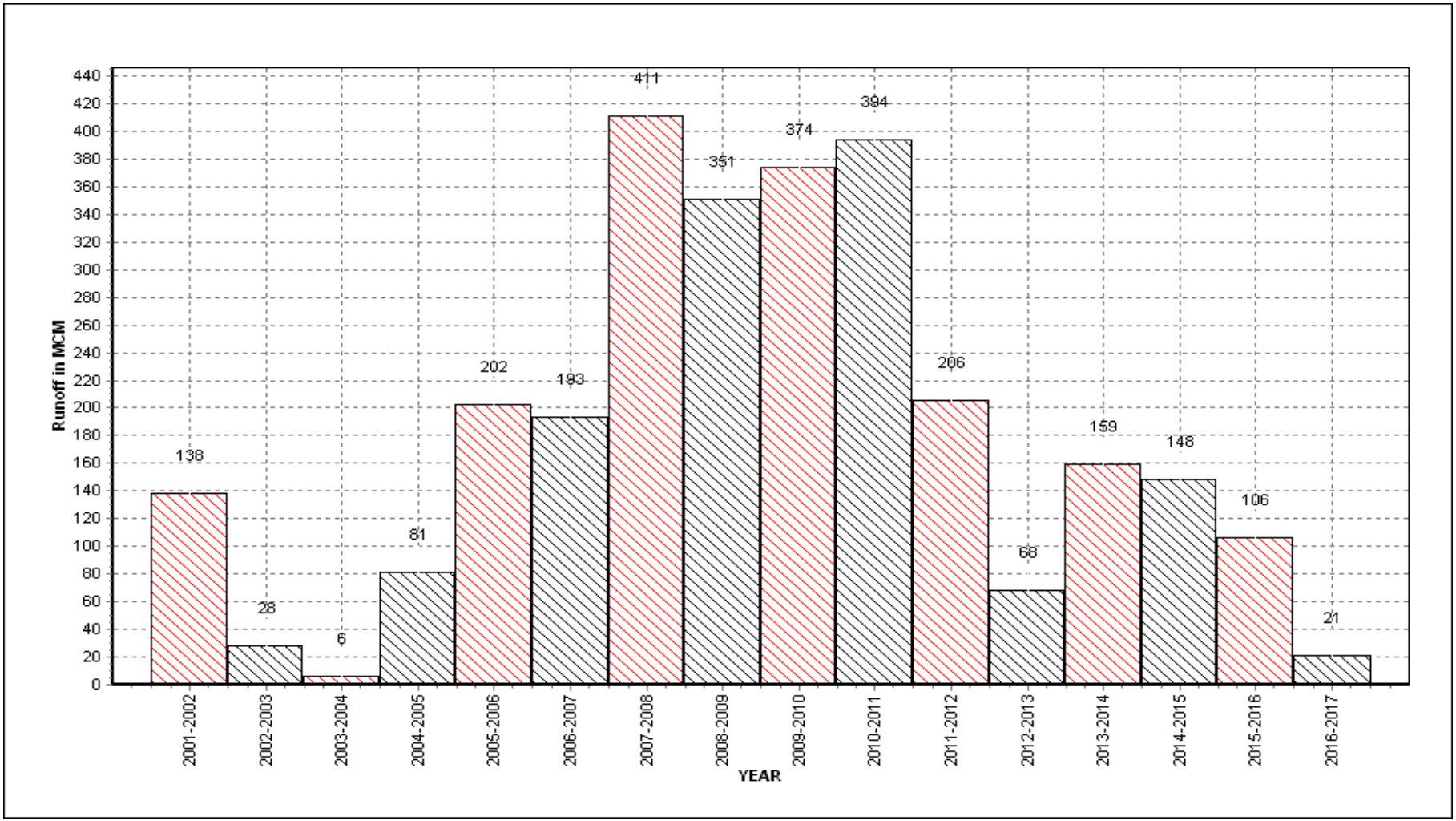
Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2001 - 2017

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

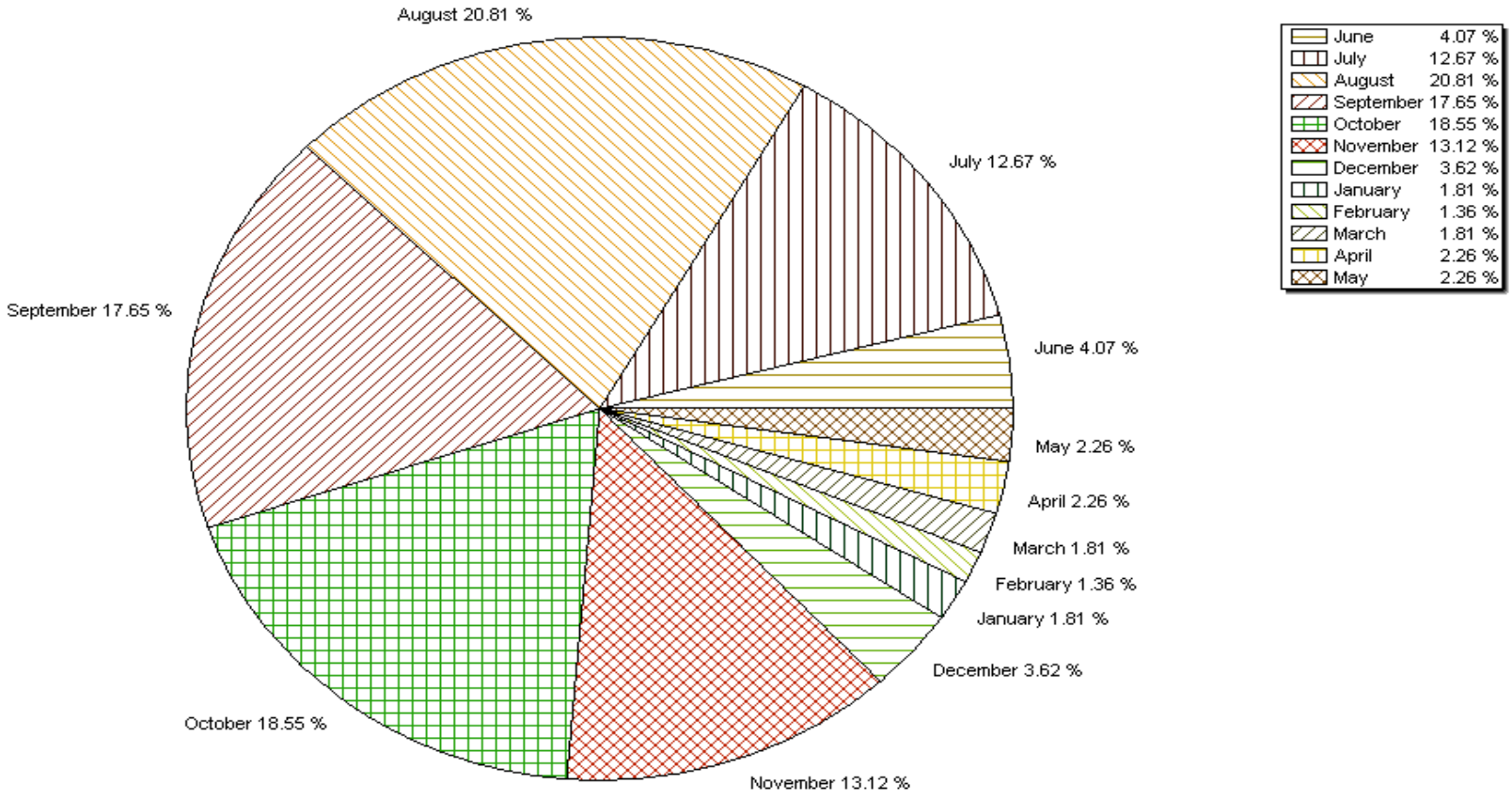


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2001-2016

Station Name : Thimmanahalli (CCRI0F7)
Local River : Yagachi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



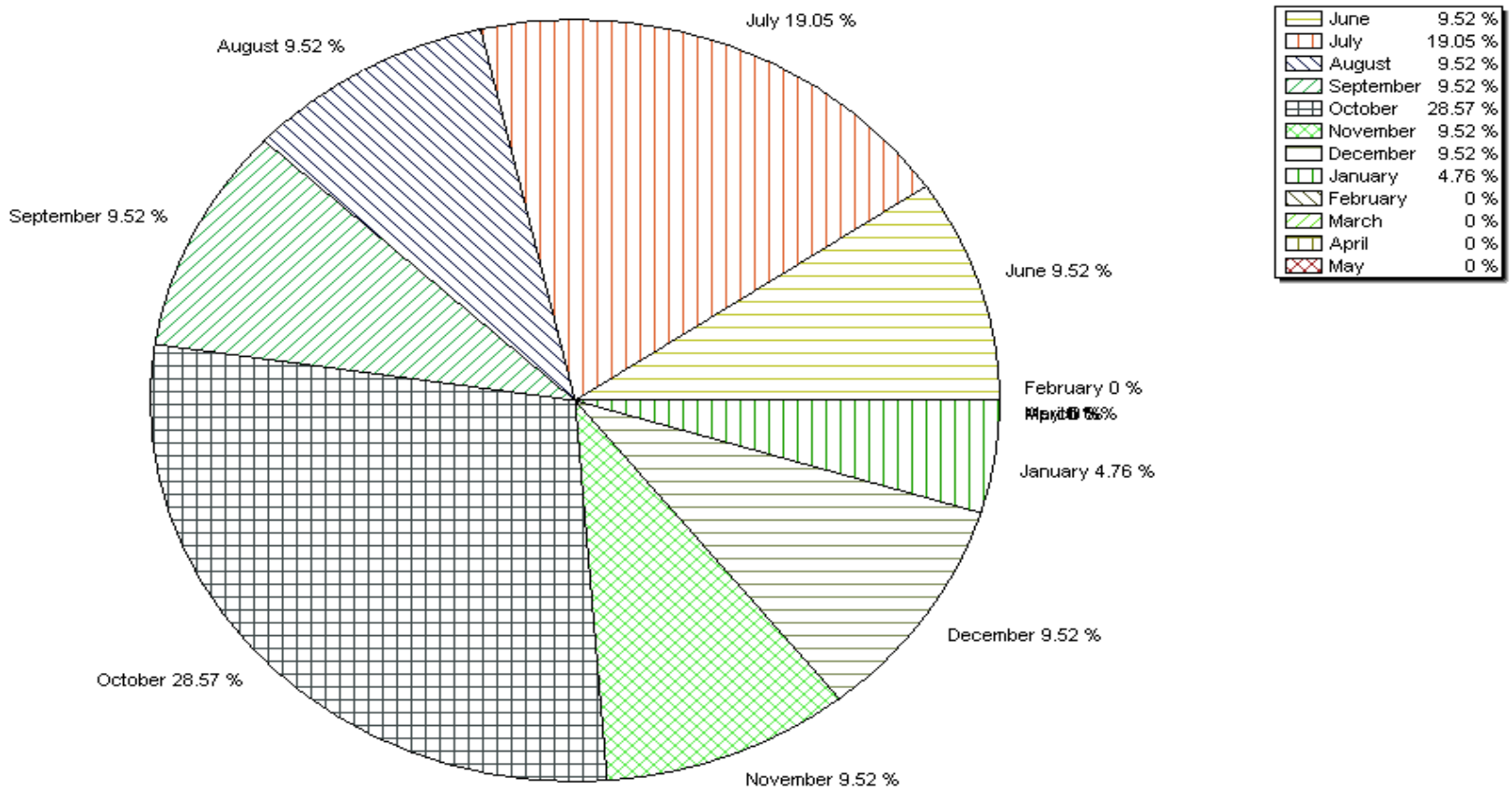
Monthly Runoff for the Year : 2016-2017

Station Name : Thimmanahalli (CCRI0F7)

Local River : Yagachi

Division : Cauvery Division, Bangalore

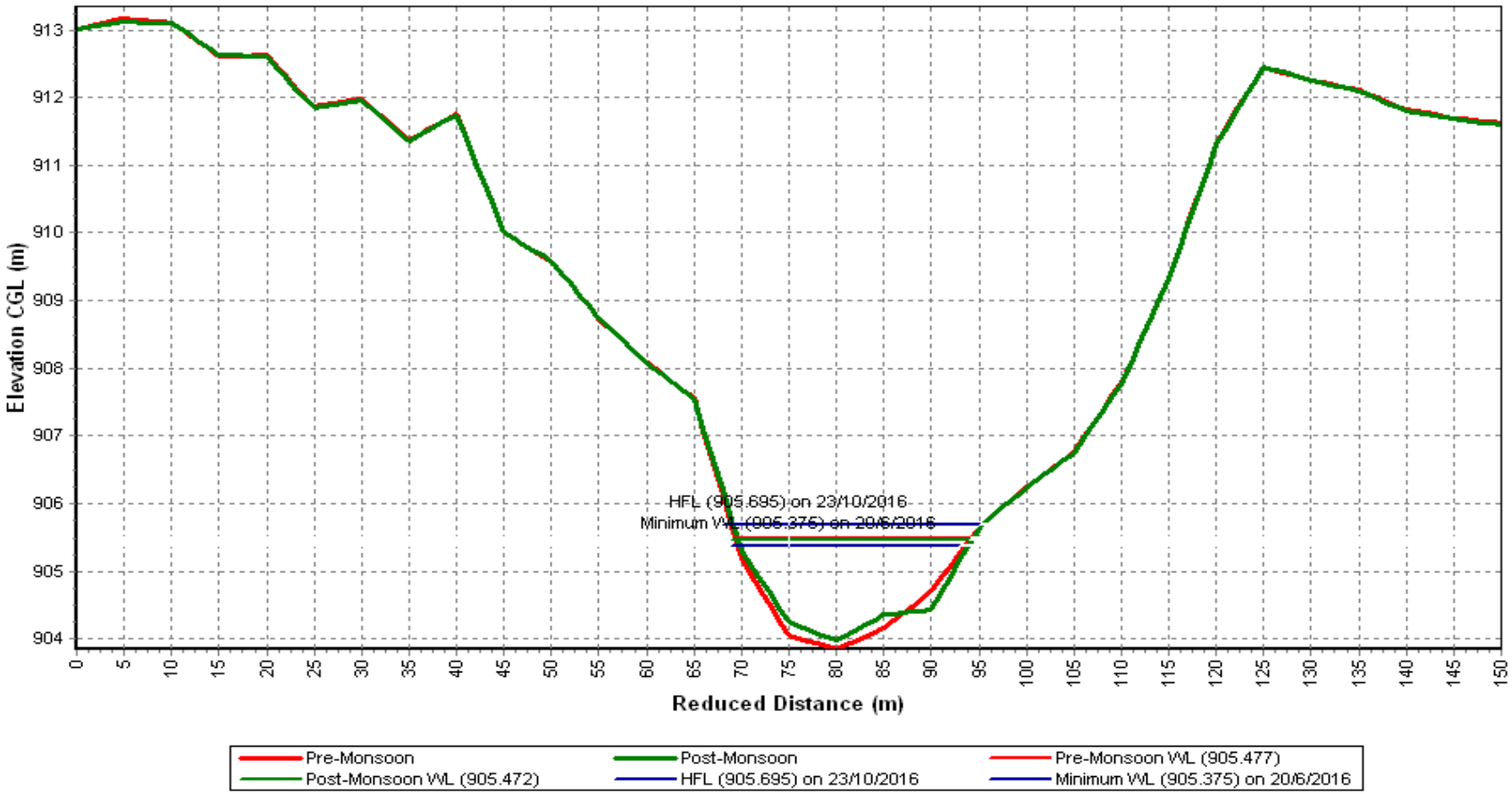
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

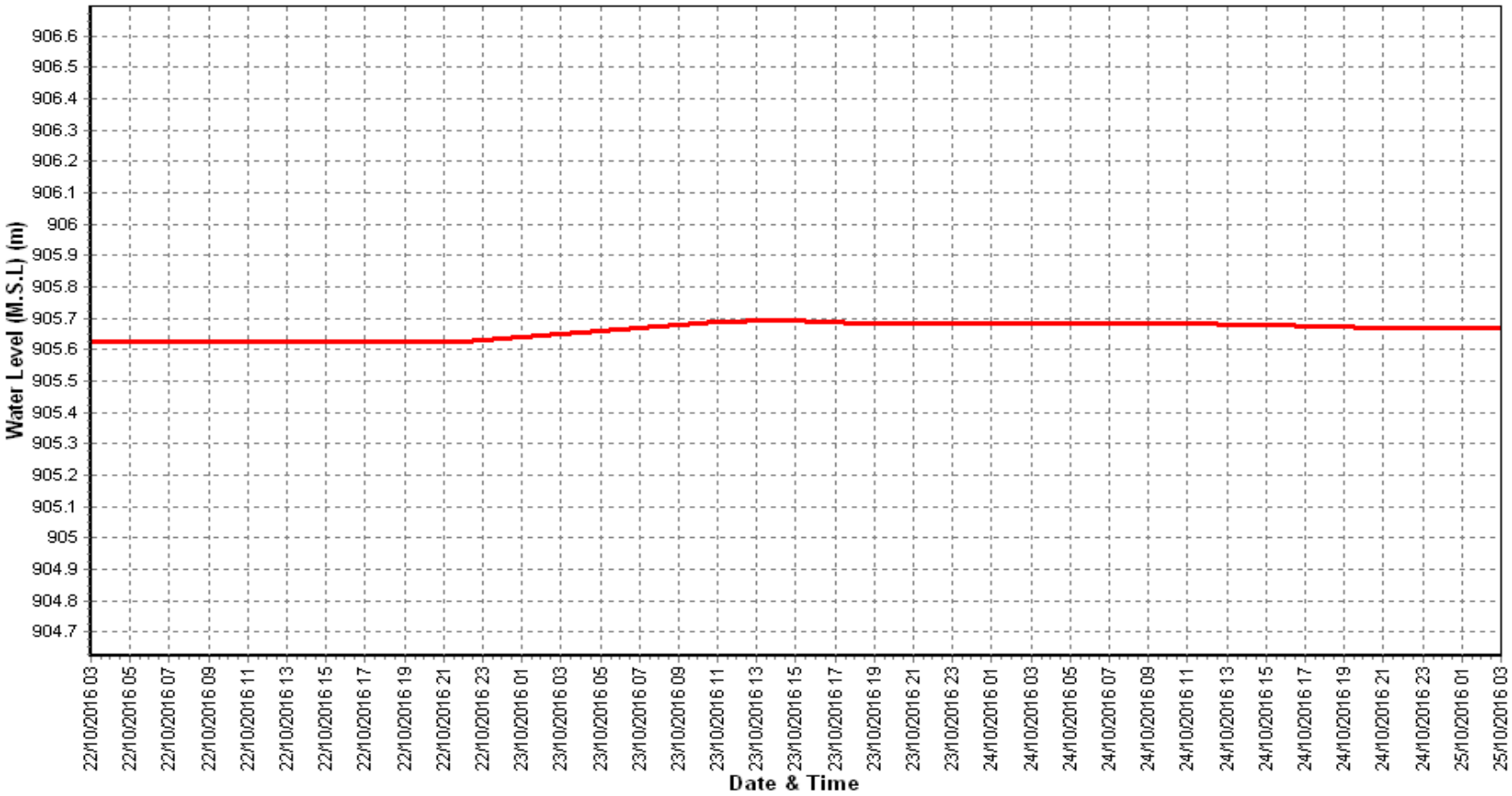
Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

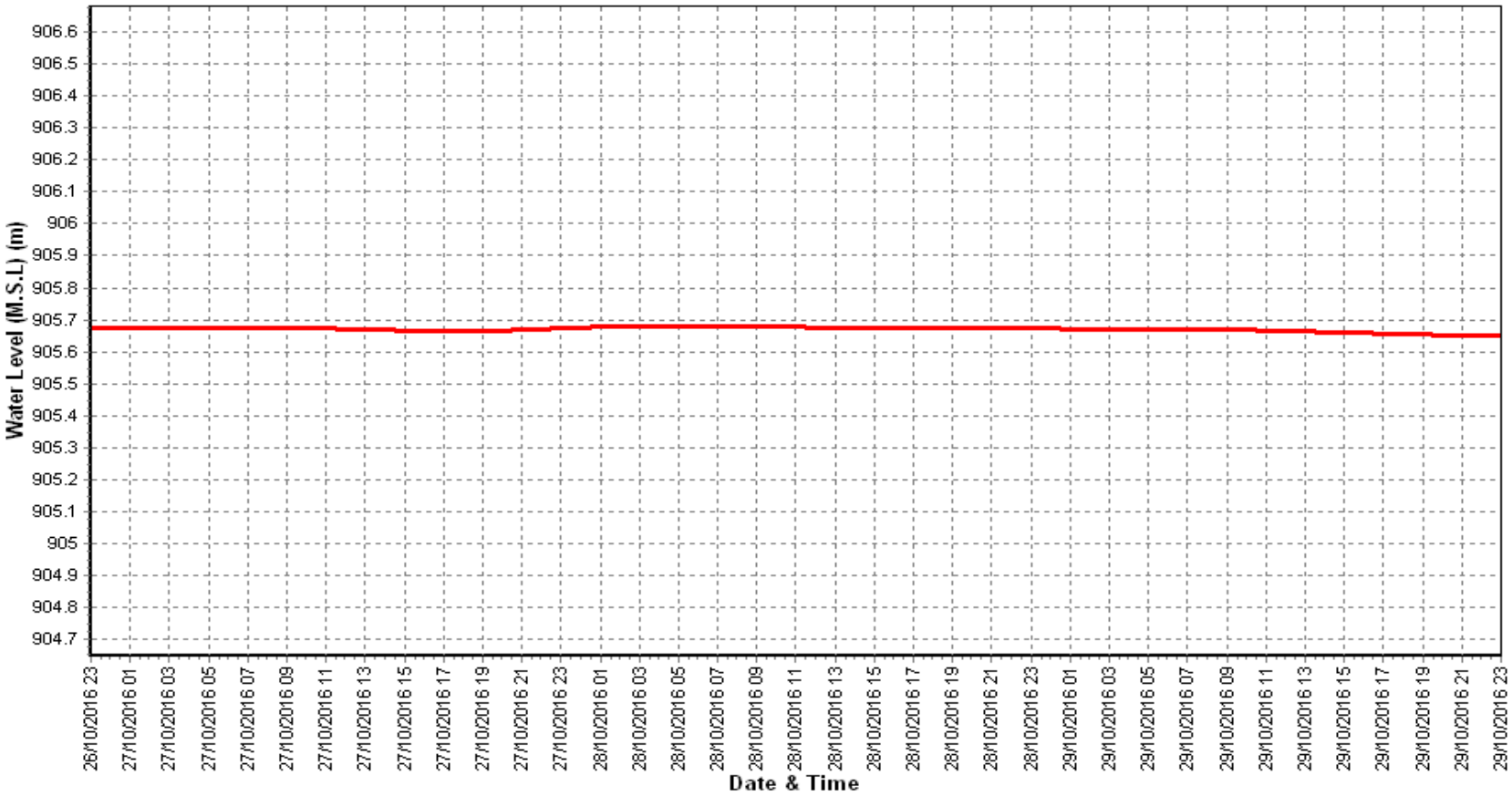


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**

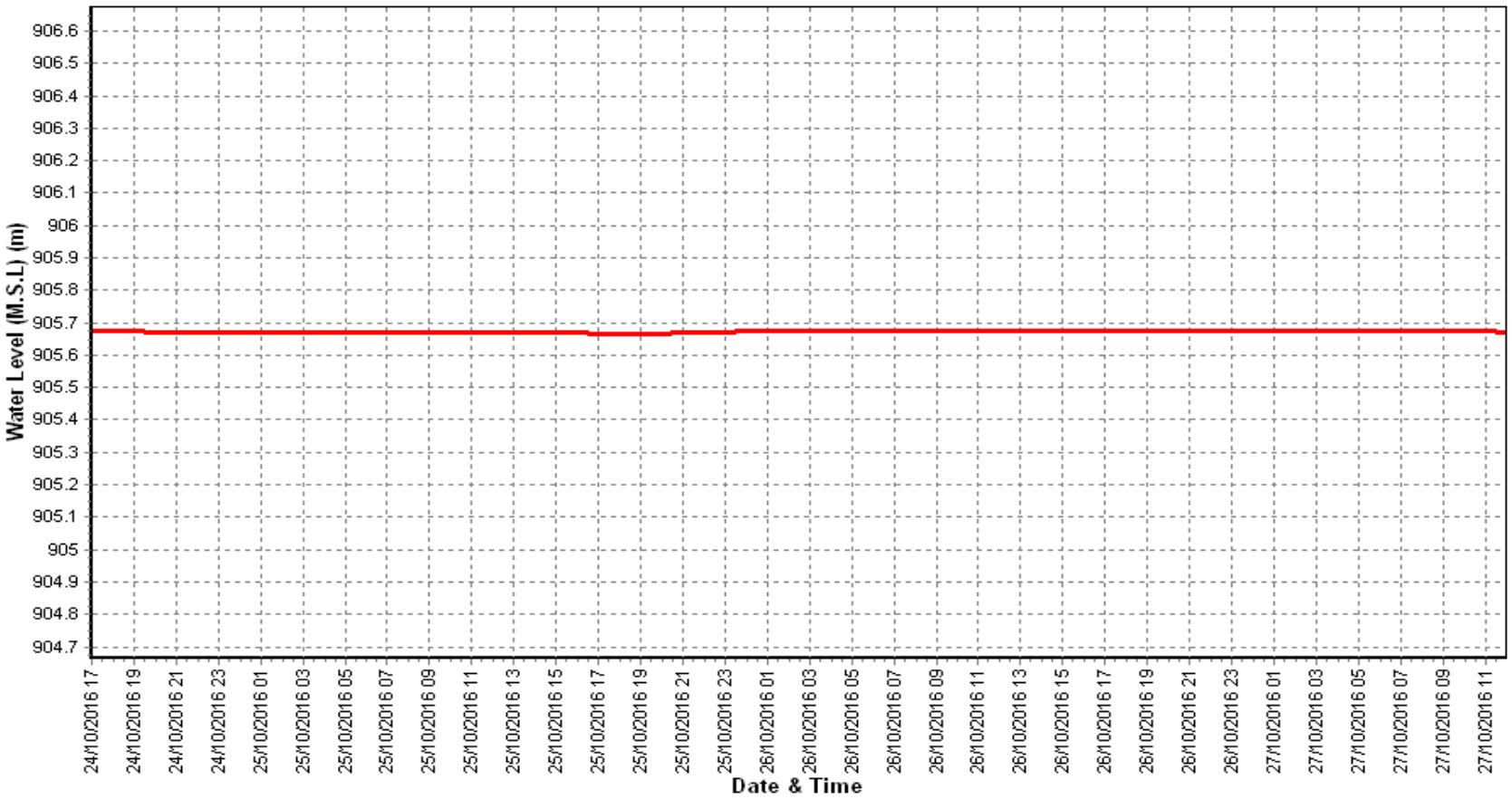


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : Thimmanahalli (CCRI0F7) **Division : Cauvery Division, Bangalore**

Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Time Span: 72 Hrs

HISTORY SHEET

		Water Year	**: 2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	887.010	1.670	889.120	127.5	888.000	36.44	887.860	29.57	887.590	16.70	887.330	6.286
2	887.030	1.947	889.270	143.6	888.380	75.86	887.890	33.56	887.570	15.90 *	887.420	10.14
3	887.030	1.965	889.360	169.4 *	888.340	69.82	887.970	39.69	887.560	14.79	887.410	8.547
4	887.030	1.983	889.180	141.9	888.560	80.32	887.870	31.68 *	887.530	13.93	887.360	7.258
5	887.030	1.940 *	889.540	198.9	888.750	100.4	887.860	31.08 *	887.510	12.42	887.340	6.561
6	887.010	1.725	888.970	91.20	889.010	135.4	887.840	30.06	887.500	12.65	887.340	7.055 *
7	887.010	1.553	889.550	193.3 *	889.100	138.9 *	887.940	39.40	887.490	12.22	887.330	6.417
8	887.000	1.364	888.700	68.10	888.770	105.2	887.850	34.22	887.490	11.94	887.320	6.006
9	887.143	1.796 #	888.520	80.39 #	888.550	95.94	887.810	28.29	887.500	12.89 *	887.320	5.878
10	887.395	7.909	888.770	104.0 *	888.460	78.60	887.780	25.93	887.480	11.20	887.310	5.788
11	887.710	22.70 #	889.170	139.2	888.390	72.80	887.710	22.70 *	887.490	12.48 *	887.310	5.692
12	887.500	12.89 *	889.070	105.1	888.240	61.09	887.770	25.54	887.520	13.73 *	887.310	5.580
13	887.330	7.226	889.070	136.4	888.200	60.05	887.830	29.32 *	887.680	22.44	887.290	5.541 *
14	887.250	5.058	888.750	105.1	888.240	57.10 *	887.820	35.92	887.540	15.35	887.280	5.258 *
15	887.210	4.405	888.460	75.59	888.200	54.06 *	887.760	25.68	887.500	12.68	887.360	7.787
16	887.210	4.415	888.370	71.41	888.180	54.39	887.760	25.89	887.470	11.69 *	887.350	6.895
17	887.420	8.195	888.200	54.06 *	888.200	57.72	887.750	25.38	887.450	10.86	887.330	6.348
18	887.340	6.708	888.100	57.59	888.180	55.42	887.720	23.22 *	887.430	10.31	887.310	5.733
19	887.260	4.709 *	888.240	65.22	888.100	49.75	887.700	24.36	887.420	9.571	887.300	5.429
20	887.240	4.651	887.990	35.64	888.220	59.37	887.680	23.73	887.410	9.032	887.290	5.541 *
21	887.240	4.632	888.000	35.71	888.030	41.90 *	887.680	19.23	887.390	7.968	887.280	5.322
22	887.310	6.217	887.950	34.76	887.960	38.47	887.710	21.28	887.390	7.791	887.280	5.216
23	887.410	8.131	887.950	33.91	887.930	36.40	887.680	21.55	887.370	8.035 *	887.270	5.103
24	887.520	11.20	887.910	34.12 *	888.030	47.52	887.730	24.73	887.370	7.688	887.270	5.096
25	887.460	9.193	887.870	31.52	887.920	34.90	887.760	25.37 *	887.370	7.497	887.260	5.019
26	887.490	12.48 *	887.870	32.10	887.920	34.48	887.740	26.41	887.360	7.055	887.250	4.941
27	887.580	13.87	887.810	26.69	887.960	38.25	887.690	24.24	887.360	6.884	887.250	4.444 *
28	887.940	39.17	887.930	37.66	887.890	32.89 *	887.640	20.54	887.350	6.421	887.240	4.757
29	889.860	246.1	888.980	118.0	887.880	31.35	887.680	21.87	887.340	7.055 *	887.230	4.098
30	888.990	93.03	888.090	47.40	887.910	36.22	887.640	20.39	887.340	7.055 *	887.230	4.068
31			888.210	54.81 *	887.880	32.00			887.330	6.537		
Ten-Daily Mean												
I Ten-Daily	887.069	2.385	889.098	131.8	888.592	91.69	887.867	32.35	887.522	13.46	887.348	6.994
II Ten-Daily	887.347	8.096	888.542	84.53	888.215	58.17	887.750	26.17	887.491	12.81	887.313	5.980
III Ten-Daily	887.880	44.40	888.052	44.24	887.937	36.76	887.695	22.56	887.361	7.271	887.256	4.806
Monthly												
Min.	887.000	1.364	887.810	26.69	887.880	31.35	887.640	19.23	887.330	6.421	887.230	4.068
Max.	889.860	246.1	889.550	198.9	889.100	138.9	887.970	39.69	887.680	22.44	887.420	10.14
Mean	887.432	18.3	888.547	85.49	888.238	61.39	887.771	27.03	887.455	11.06	887.306	5.927

Annual Runoff in MCM = 585 Annual Runoff in mm = 948

Peak Observed Discharge = 246.1 cumecs on 29/06/2016 Corres. Water Level :889.86 m

Lowest Observed Discharge = 0.085 cumecs on 15/03/2017 Corres. Water Level :886.92 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 2016 - 2017

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	887.230	4.354	887.170	3.052 *	887.100	1.927	886.980	0.352	887.000	0.795	886.970	0.386
2	887.230	4.124	887.170	3.119	887.100	1.890	886.970	0.342	886.990	0.531 *	886.970	0.383
3	887.260	5.942	887.170	3.103	887.090	1.621	886.960	0.299 #	887.010	0.822	886.970	0.341
4	887.270	5.210 *	887.160	2.775	887.090	1.602	886.960	0.210	887.015	0.901	886.985	0.429
5	887.270	5.171	887.160	2.737	887.090	1.705 *	886.960	0.299 *	887.040	1.168	886.990	0.503
6	887.270	5.493	887.160	2.740	887.080	1.431	886.960	0.299 #	887.055	1.349	887.010	0.709
7	887.260	4.798	887.150	2.436	887.080	1.415	886.955	0.198	887.050	1.305	887.010	0.718 *
8	887.250	4.581	887.150	2.684 *	887.080	1.390	886.950	0.191	887.045	1.219	887.025	0.939
9	887.250	4.546	887.140	2.431	887.070	1.200	886.940	0.133	887.050	1.164 *	887.010	0.824
10	887.240	4.404	887.140	2.428	887.070	1.190	887.000	0.597	887.050	1.281	887.020	0.821 *
11	887.240	4.509 *	887.140	2.505	887.070	1.192	886.960	0.299 #	887.050	1.293	887.025	0.956
12	887.240	4.509 *	887.140	2.294	887.070	1.423 *	886.960	0.299 *	887.040	1.186	887.040	1.090
13	887.230	3.903	887.140	2.307	887.070	1.177	886.935	0.130	887.035	1.113	887.070	1.810
14	887.270	5.728	887.140	2.305	887.060	1.140	886.920	0.102	887.030	0.929 *	887.070	1.423 *
15	887.330	7.070	887.140	2.507 *	887.060	1.155	886.920	0.085 #	887.030	0.909	887.060	1.454
16	887.310	6.229	887.130	2.256	887.060	1.133	886.920	0.106	887.030	0.929 *	887.070	1.810
17	887.280	5.591	887.130	2.244	887.040	0.734	886.920	0.109	887.015	0.884	887.085	1.909
18	887.270	5.210 *	887.130	2.203	887.040	0.812	886.940	0.204	887.010	0.744	887.060	1.312
19	887.260	4.852	887.120	2.223	887.040	1.044 *	886.980	0.447 *	887.010	0.749	887.095	1.890
20	887.250	4.763	887.120	2.121	887.020	0.664	887.020	0.821 #	887.000	0.738	887.105	2.025
21	887.240	4.635	887.110	1.941	887.020	0.670	887.010	0.894	887.000	0.606	887.140	2.507 *
22	887.230	4.251	887.110	2.009 *	887.020	0.654	887.020	0.984	887.000	0.604	887.140	2.743
23	887.230	4.285 *	887.110	2.060	887.015	0.620	887.040	1.185	887.000	0.621 *	887.150	2.911
24	887.220	4.057	887.100	1.869	887.020	0.821 *	887.040	1.190	887.005	0.651	887.090	1.954
25	887.210	3.854 *	887.100	1.873	887.015	0.616	887.030	1.039	887.005	0.653	887.240	4.660
26	887.210	3.785	887.110	2.009 *	887.020	0.821 *	887.020	0.821 *	886.990	0.582	887.180	3.515
27	887.200	3.415	887.110	2.003	886.995	0.401	887.010	0.808	886.980	0.429	887.125	2.475
28	887.200	3.337	887.110	2.039	886.990	0.531 #	887.010	0.805	886.980	0.416	887.100	1.854 *
29	887.190	3.231	887.110	2.009 *			887.000	0.621 *	886.970	0.394	887.090	1.834
30	887.180	3.189	887.110	2.000			887.000	0.790	886.970	0.369 *	887.070	1.558
31	887.180	3.158	887.100	2.072			887.000	0.793			887.070	1.506
Ten-Daily Mean												
I Ten-Daily	887.253	4.862	887.157	2.751	887.085	1.537	886.964	0.292	887.030	1.054	886.996	0.605
II Ten-Daily	887.268	5.236	887.133	2.297	887.053	1.047	886.947	0.260	887.025	0.947	887.068	1.568
III Ten-Daily	887.208	3.745	887.107	1.989	887.012	0.642	887.016	0.903	886.990	0.533	887.127	2.502
Monthly												
Min.	887.180	3.158	887.100	1.869	886.990	0.401	886.920	0.085	886.970	0.369	886.970	0.341
Max.	887.330	7.070	887.170	3.119	887.100	1.927	887.040	1.190	887.055	1.349	887.240	4.660
Mean	887.242	4.587	887.132	2.334	887.053	1.106	886.977	0.498	887.015	0.844	887.066	1.589

Peak Computed Discharge = 193.3 cumecs on 07/07/2016 **Corres. Water Level :889.55 m**

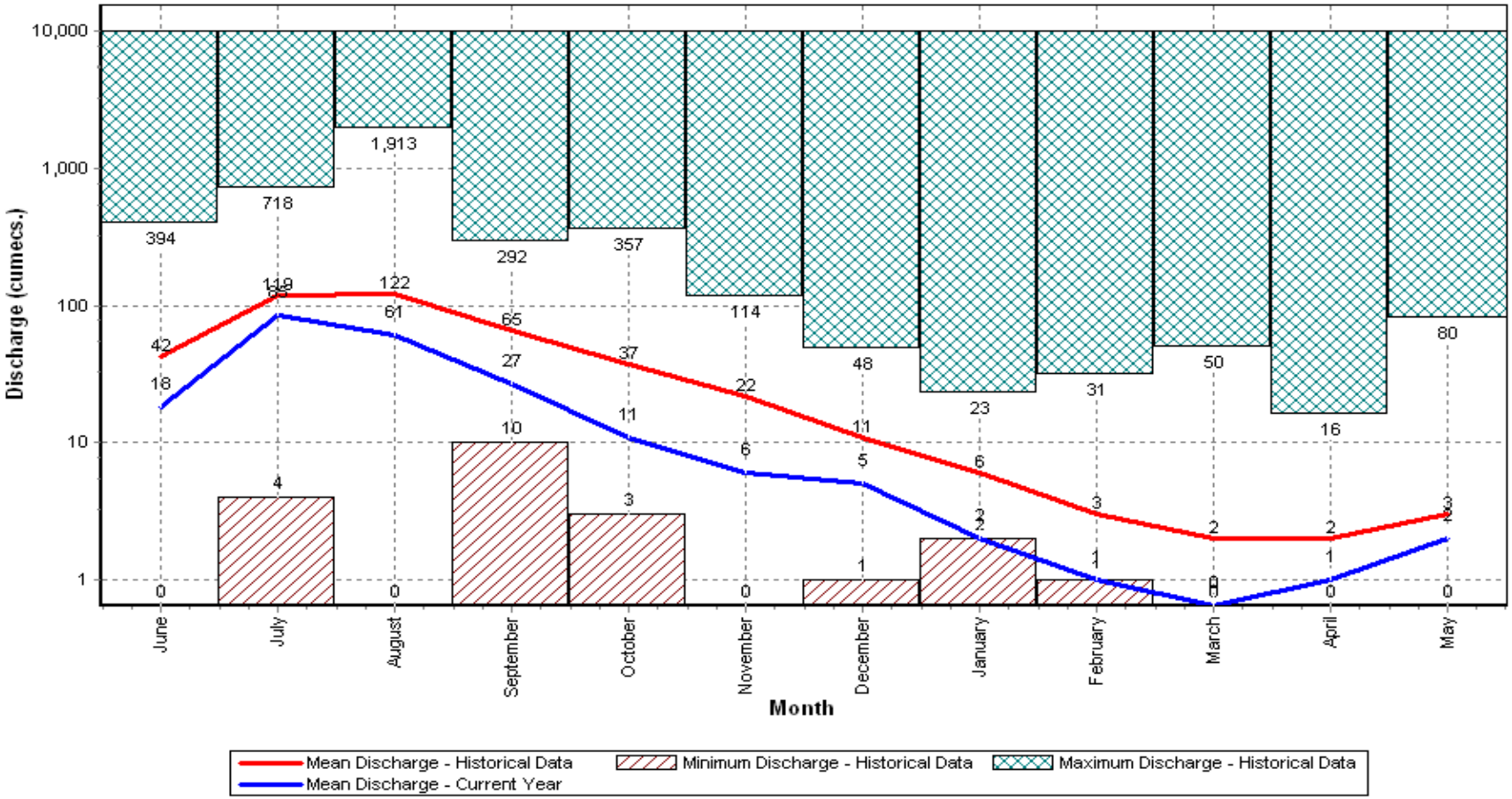
Lowest Computed Discharge = 0.299 cumecs on 05/03/2017 **Corres. Water Level :886.96 m**

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 : 2016-2017

Station Name : Sakleshpur (CCR00U6) | **Data considered : 2002-2017** | **Division : Cauvery Division, Bangalore**

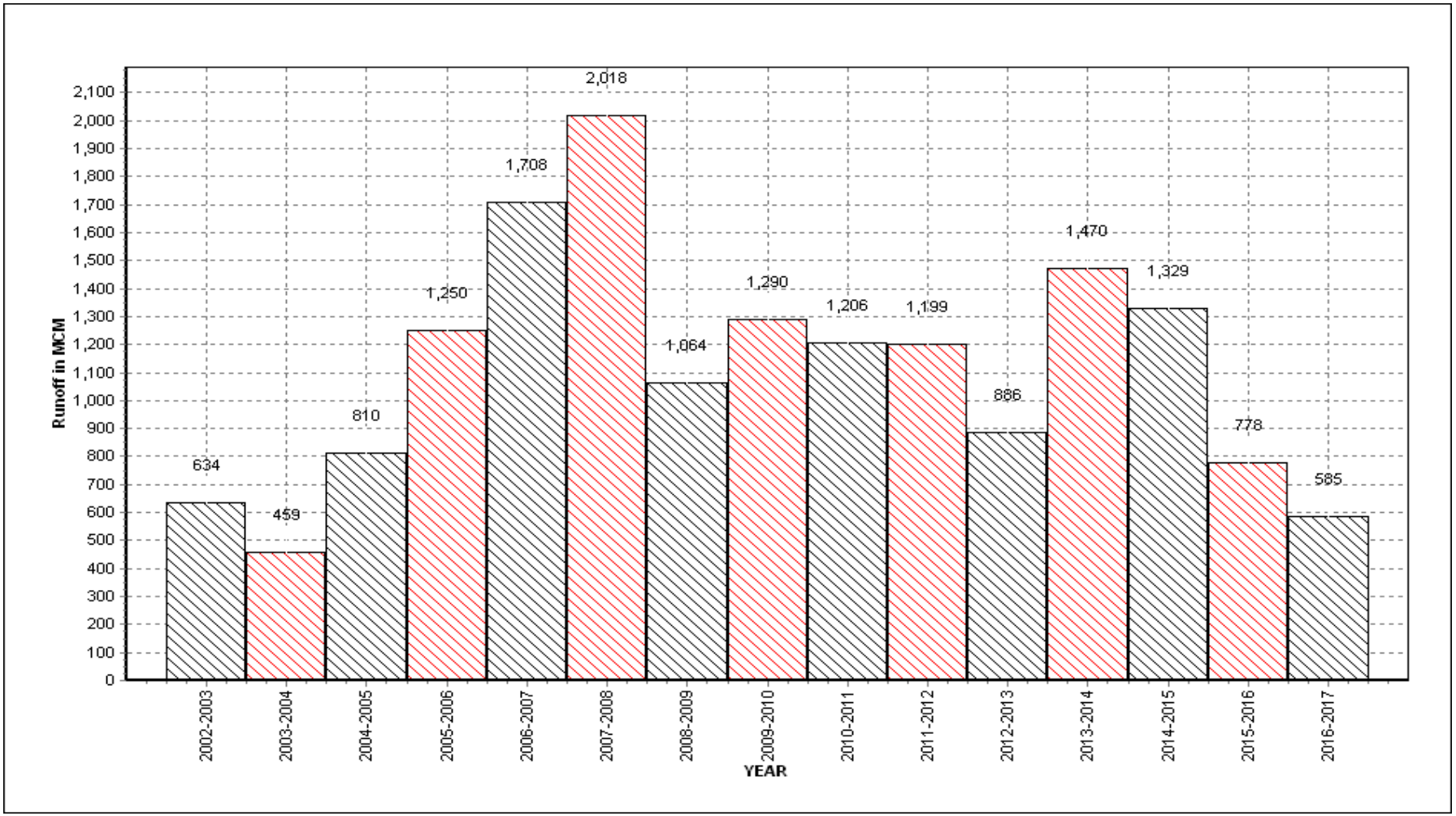
Local River : Hemavathi | **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2002 - 2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore

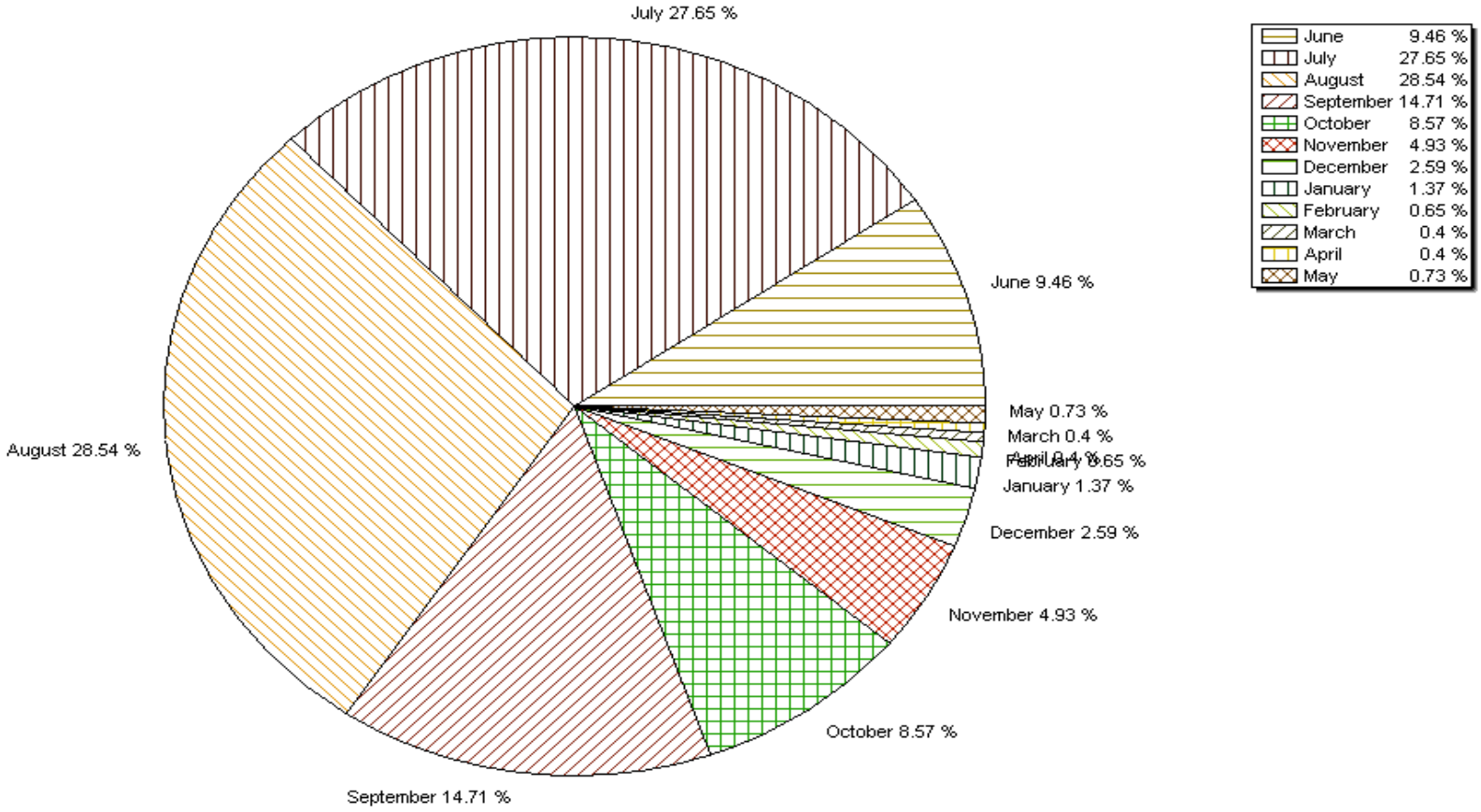


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2002-2016

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

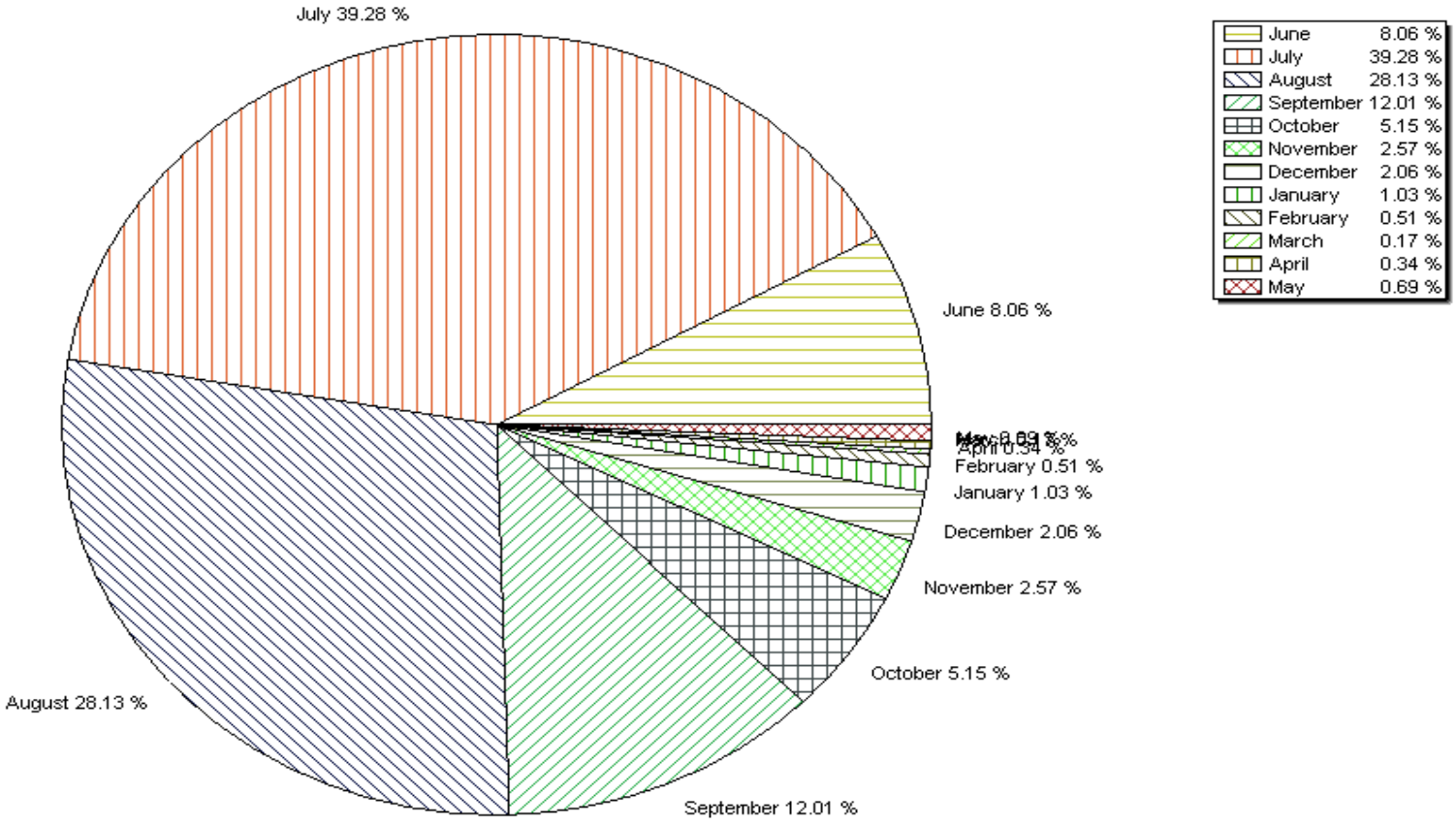
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Monthly Runoff for the Year : 2016-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

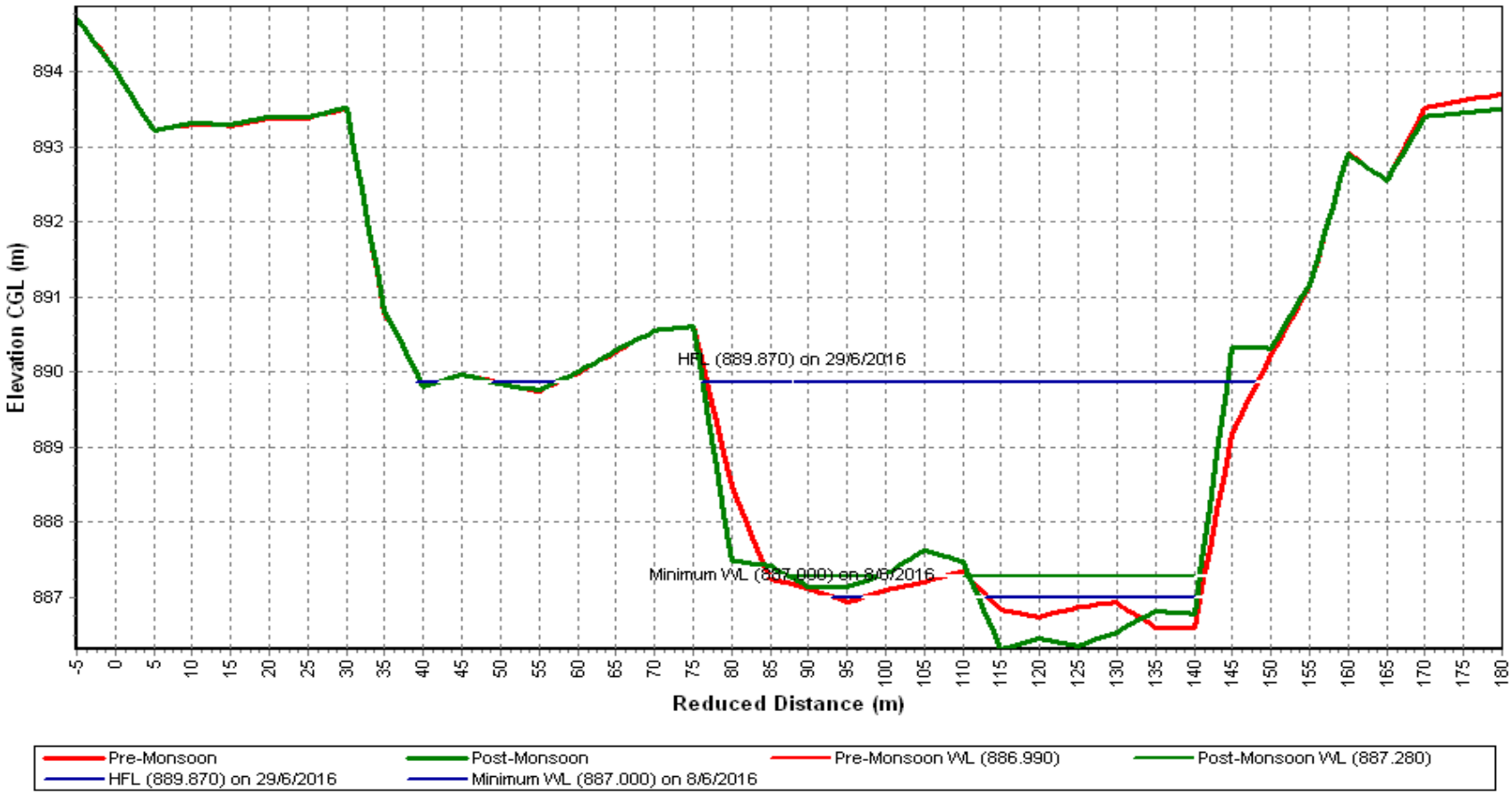
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

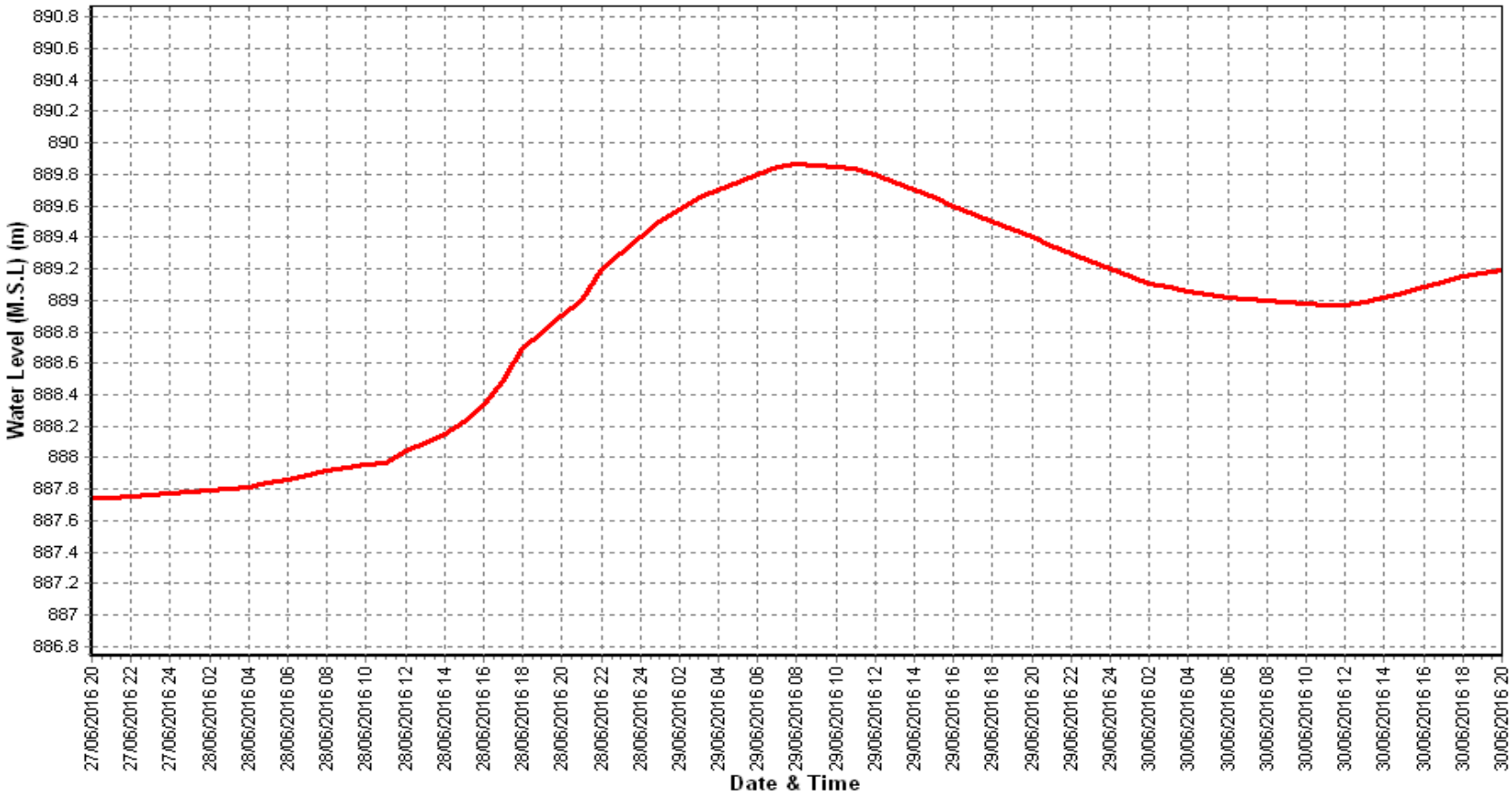
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore

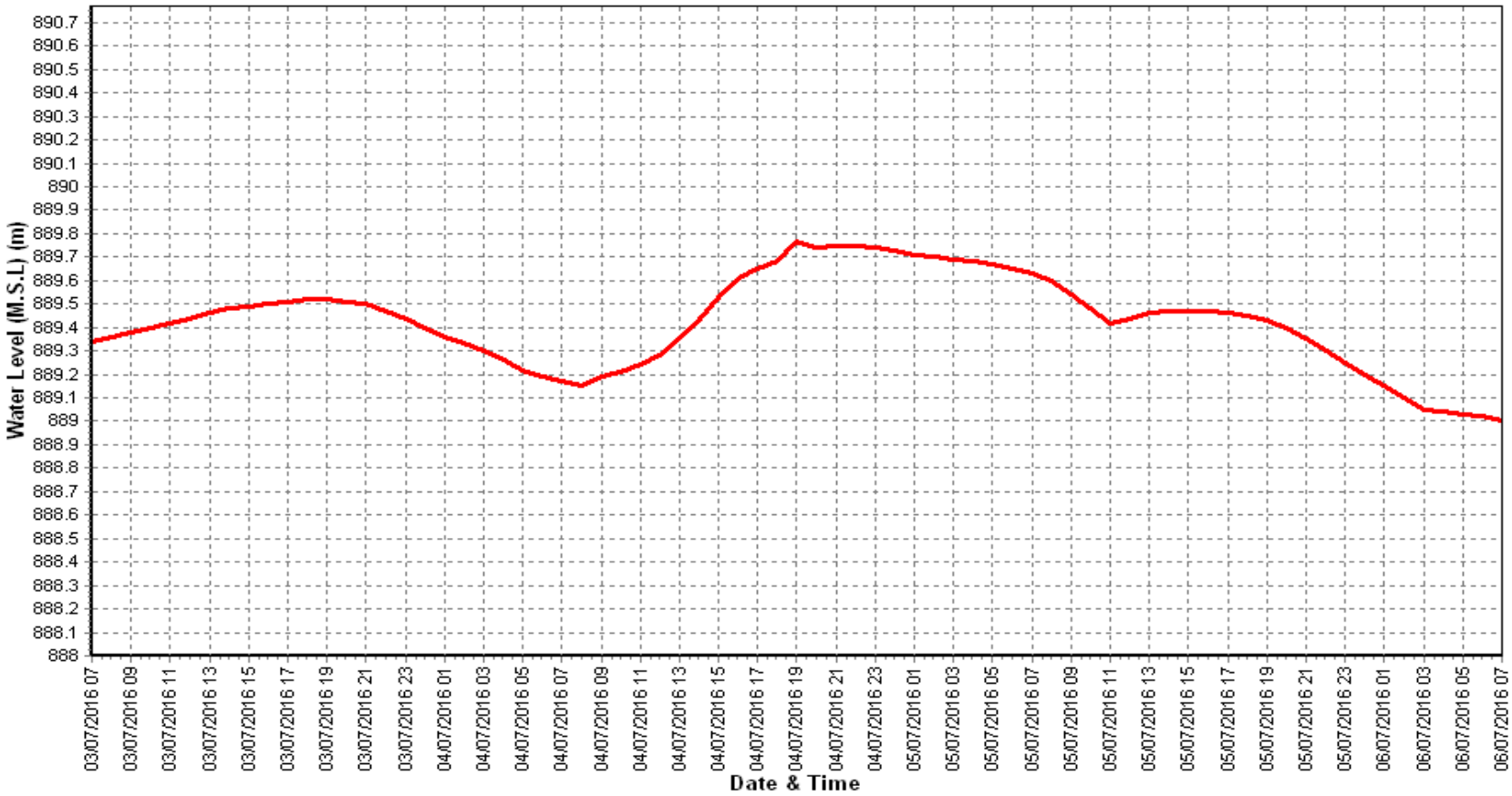


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Sakleshpur (CCR00U6) **Division : Cauvery Division, Bangalore**

Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**

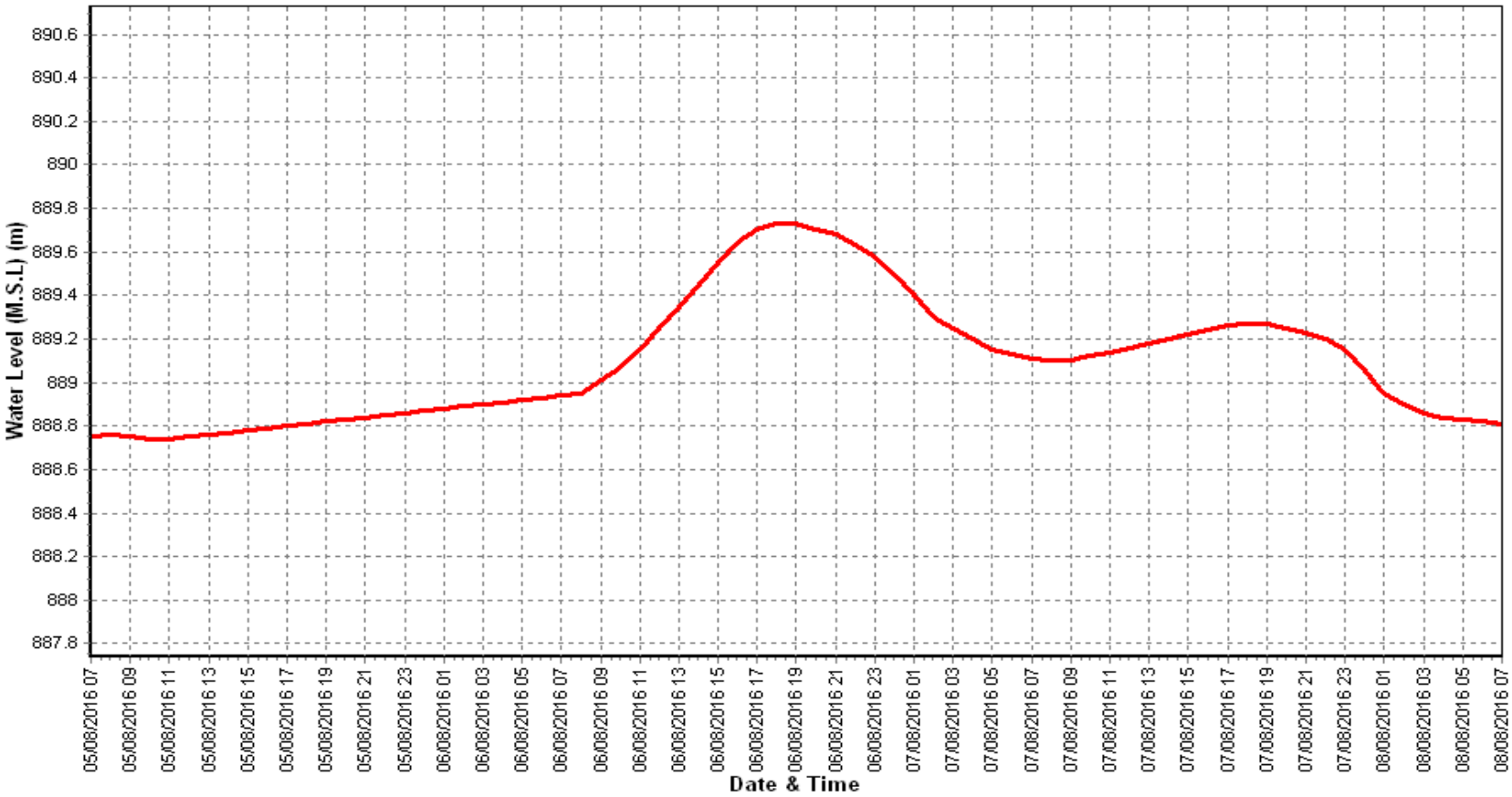


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Time Span: 72 Hrs

HISTORY SHEET

			Water Year	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	751.700	0.000	755.030	325.7	753.020	74.57	753.280	102.9	752.320	0.000	753.265	96.34
2	751.780	0.000	754.530	220.7	753.065	81.48	753.160	80.56	752.200	0.000	753.330	105.3
3	751.900	0.000	754.260	197.1 *	753.025	72.56	753.175	84.14	752.150	0.000	753.040	68.14
4	752.060	0.000	753.800	149.2	752.985	67.82	753.120	75.51 *	752.130	0.000	752.260	0.000
5	752.100	0.000	753.950	157.7	753.500	117.9	753.020	64.21 *	753.500	119.9	752.180	0.000
6	752.080	0.000	754.350	202.6	753.950	180.8	752.910	44.72	753.440	116.4	752.160	0.000
7	752.000	0.000	754.000	164.2 *	753.650	145.6 *	752.805	34.90	752.960	55.66	752.150	0.000
8	751.930	0.000	753.980	162.5	753.630	120.5	753.200	86.67	753.150	76.40	752.140	0.000
9	751.900	0.000	753.630	121.5	753.570	128.0	753.175	81.34	753.150	79.04 *	752.130	0.000
10	751.860	0.000	753.560	113.9 *	753.750	145.1	753.110	69.45	753.180	86.09	752.120	0.000
11	751.940	0.000	753.550	123.5	753.430	115.3	753.100	73.20 *	752.740	36.23 *	752.110	0.000
12	751.880	0.000	754.800	244.8	753.530	126.7	753.030	65.31 *	752.370	0.000	752.490	13.83
13	752.885	48.56	754.440	213.4	753.275	109.8	753.050	67.53 *	752.360	0.000	752.850	46.53 *
14	752.690	39.43	754.510	224.9	753.500	124.1 *	753.060	66.05	752.250	0.000	752.730	35.33 *
15	752.850	48.81 #	753.930	179.7	753.410	111.8 *	753.010	61.13	752.190	0.000	752.550	22.21 #
16	751.950	0.000	753.760	146.6	753.450	117.4	753.030	63.76	752.150	0.000	752.250	0.000
17	752.690	31.52	753.700	153.0 *	754.120	220.4 #	752.980	59.03	752.300	0.000	752.170	0.000
18	752.690	31.97	753.540	122.9	754.200	229.3	753.000	62.02 *	752.170	0.000	752.140	0.000
19	752.630	33.14 *	753.510	119.9	754.130	226.6	752.970	56.22	752.160	0.000	752.110	0.000
20	751.970	0.000	753.480	116.2	753.950	181.8	752.880	45.32	752.120	0.000	752.100	0.000
21	752.050	0.000	753.500	117.9	753.600	138.3 *	752.540	23.12	752.100	0.000	752.070	0.000
22	752.700	30.57	753.440	116.6	753.800	148.0	752.530	15.85	752.070	0.000	752.050	0.000
23	752.320	0.000	753.920	176.1	753.323	119.4	752.230	0.000 *	752.050	0.000	752.020	0.000
24	752.805	44.89	753.590	136.9 *	753.005	68.52	752.490	16.49 #	752.020	0.000	751.980	0.000
25	753.050	76.26	753.540	122.4	753.243	100.8	752.580	22.96 *	752.010	0.000	751.930	0.000
26	753.040	64.15 *	753.380	133.4	753.188	95.46	753.150	82.67	752.490	16.49 #	751.910	0.000
27	752.970	64.72	753.290	118.0	753.180	88.88	753.110	77.41	752.180	0.000	751.910	0.000
28	752.760	47.49	753.230	105.7	753.160	80.22 *	752.730	33.60	752.300	0.000	751.930	0.000
29	753.850	142.7	753.140	82.82	753.123	84.44	752.710	25.48	752.330	0.000	751.910	0.000
30	755.280	352.7	753.040	76.01	753.120	87.54	752.200	0.000 *	752.940	55.64	751.880	0.000
31			753.010	63.11 *	753.200	93.51			752.870	43.08		
Ten-Daily Mean												
I Ten-Daily	751.931	0.000	754.109	181.5	753.414	113.4	753.096	72.44	752.818	53.35	752.477	26.98
II Ten-Daily	752.417	23.34	753.922	164.5	753.700	156.3	753.011	61.96	752.281	3.623	752.350	11.79
III Ten-Daily	753.082	82.35	753.371	113.5	753.267	100.5	752.627	29.76	752.305	10.47	751.959	0.000
Monthly												
Min.	751.700	0.000	753.010	63.11	752.985	67.82	752.200	0.000	752.010	0.000	751.880	0.000
Max.	755.280	352.7	755.030	325.7	754.200	229.3	753.280	102.9	753.500	119.9	753.330	105.3
Mean	752.477	35.23	753.787	151.9	753.454	122.7	752.911	54.72	752.463	22.1	752.262	12.92

Annual Runoff in MCM = 1088 Annual Runoff in mm = 363

Peak Observed Discharge = 352.7 cumecs on 30/06/2016 Corres. Water Level :755.28 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2016 Corres. Water Level :751.7 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 2016 - 2017

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	751.850	0.000	752.020	0.000	752.060	0.000	752.250	0.000	751.860	0.000	751.850	0.000
2	751.850	0.000	752.190	0.000	752.230	0.000	752.200	0.000	751.720	0.000	751.850	0.000
3	751.810	0.000	752.080	0.000	752.220	0.000	752.010	0.000	751.720	0.000	751.870	0.000
4	751.860	0.000	752.200	0.000	752.170	0.000	751.960	0.000	752.000	0.000	751.840	0.000
5	751.820	0.000	752.100	0.000	752.040	0.000	752.080	0.000	751.990	0.000	751.840	0.000
6	751.810	0.000	752.180	0.000	752.140	0.000	751.900	0.000	752.020	0.000	751.810	0.000
7	751.870	0.000	751.990	0.000	752.020	0.000	751.970	0.000	751.770	0.000	751.790	0.000
8	751.880	0.000	751.980	0.000	752.140	0.000	751.890	0.000	751.740	0.000	751.790	0.000
9	751.850	0.000	752.100	0.000	752.030	0.000	751.830	0.000	751.740	0.000	751.800	0.000
10	751.850	0.000	752.070	0.000	752.070	0.000	751.810	0.000	751.740	0.000	752.020	0.000
11	751.830	0.000	751.990	0.000	752.030	0.000	751.830	0.000	751.750	0.000	752.150	0.000
12	751.830	0.000	752.050	0.000	752.000	0.000	751.820	0.000	751.770	0.000	752.170	0.000
13	751.850	0.000	751.910	0.000	751.990	0.000	751.810	0.000	752.200	0.000	752.120	0.000
14	751.920	0.000	751.870	0.000	751.950	0.000	751.800	0.000	752.310	0.000	752.090	0.000
15	752.270	0.000	751.880	0.000	751.940	0.000	751.760	0.000	752.110	0.000	752.090	0.000
16	752.170	0.000	751.990	0.000	752.000	0.000	751.240	0.000	752.030	0.000	752.080	0.000
17	752.220	0.000	752.050	0.000	751.980	0.000	751.740	0.000	752.210	0.000	752.070	0.000
18	752.430	0.000	752.230	0.000	751.890	0.000	751.720	0.000	752.160	0.000	752.070	0.000
19	752.280	0.000	752.000	0.000	751.920	0.000	751.720	0.000	752.110	0.000	752.200	0.000
20	752.290	0.000	752.020	0.000	751.770	0.000	751.770	0.000	751.980	0.000	752.230	0.000
21	752.290	0.000	752.230	0.000	751.770	0.000	751.950	0.000	751.980	0.000	752.130	0.000
22	752.270	0.000	752.080	0.000	751.810	0.000	751.880	0.000	752.100	0.000	752.170	0.000
23	752.290	0.000	752.030	0.000	751.810	0.000	751.860	0.000	752.050	0.000	752.150	0.000
24	752.240	0.000	752.180	0.000	751.810	0.000	751.850	0.000	752.030	0.000	752.170	0.000
25	752.220	0.000	752.160	0.000	753.190	90.67	751.840	0.000	752.000	0.000	752.100	0.000
26	752.200	0.000	752.040	0.000	753.280	100.3 *	751.830	0.000	752.010	0.000	752.100	0.000
27	751.920	0.000	752.070	0.000	753.450	118.9	751.830	0.000	751.980	0.000	752.190	0.000
28	752.020	0.000	752.190	0.000	752.250	0.000	751.800	0.000	751.950	0.000	752.190	0.000
29	752.020	0.000	752.130	0.000			751.800	0.000	751.960	0.000	752.190	0.000
30	752.040	0.000	752.300	0.000			751.790	0.000	751.960	0.000	752.160	0.000
31	752.020	0.000	751.970	0.000			751.750	0.000			752.140	0.000
Ten-Daily Mean												
I Ten-Daily	751.845	0.000	752.091	0.000	752.112	0.000	751.990	0.000	751.830	0.000	751.846	0.000
II Ten-Daily	752.109	0.000	751.999	0.000	751.947	0.000	751.721	0.000	752.063	0.000	752.127	0.000
III Ten-Daily	752.139	0.000	752.125	0.000	752.421	38.73	751.835	0.000	752.002	0.000	752.154	0.000
Monthly												
Min.	751.810	0.000	751.870	0.000	751.770	0.000	751.240	0.000	751.720	0.000	751.790	0.000
Max.	752.430	0.000	752.300	0.000	753.450	118.9	752.250	0.000	752.310	0.000	752.230	0.000
Mean	752.035	0	752.073	0	752.141	11.07	751.848	0	751.965	0	752.046	0

Peak Computed Discharge = 197.1 cumecs on 03/07/2016 **Corres. Water Level :754.26 m**

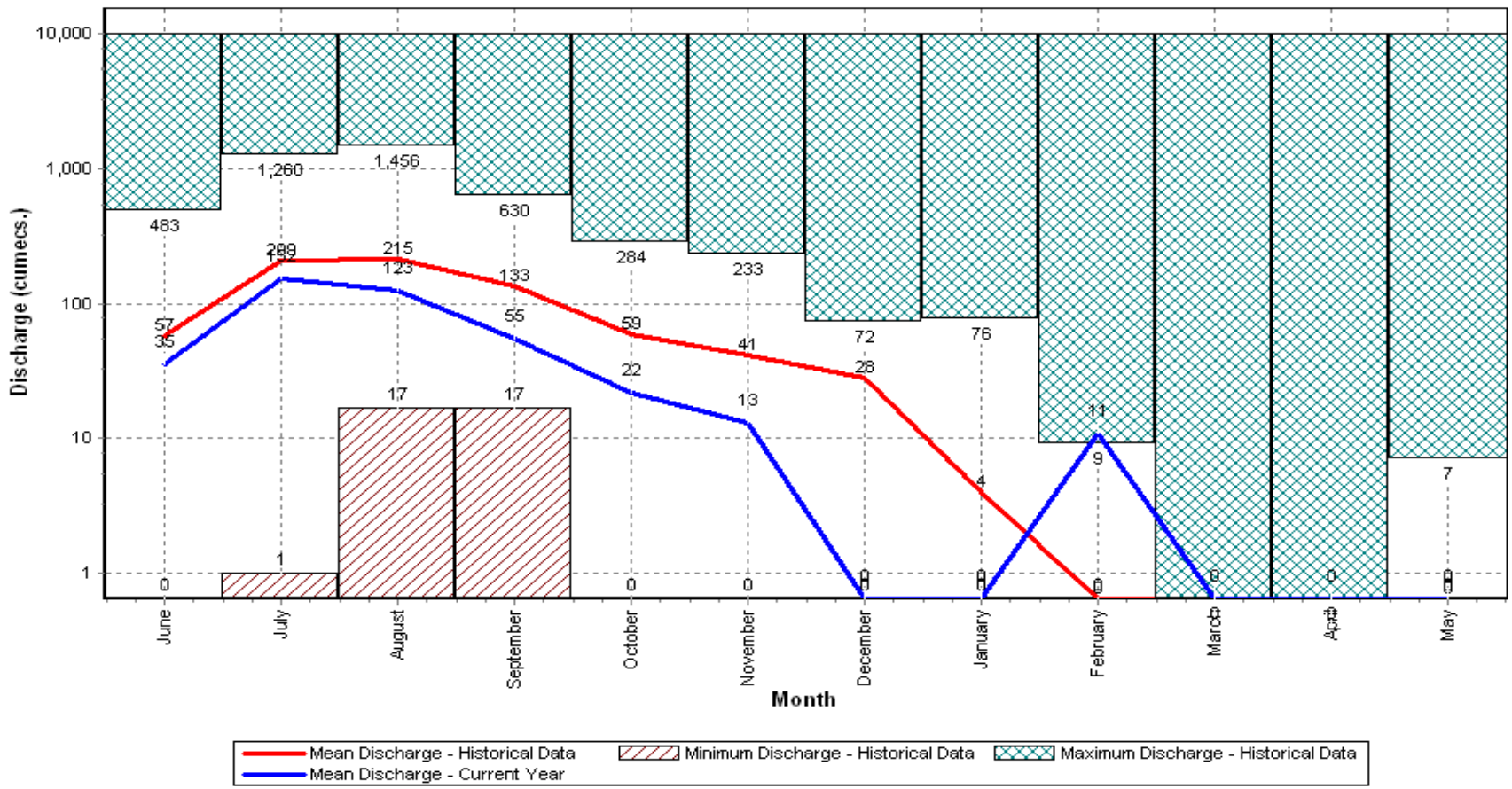
Lowest Computed Discharge = 0.000 cumecs on 23/09/2016 **Corres. Water Level :752.23 m**

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 : 2016-2017

Station Name : Chunchunkatte (CC000V7) **Data considered : 2008-2017** **Division : Cauvery Division, Bangalore**

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



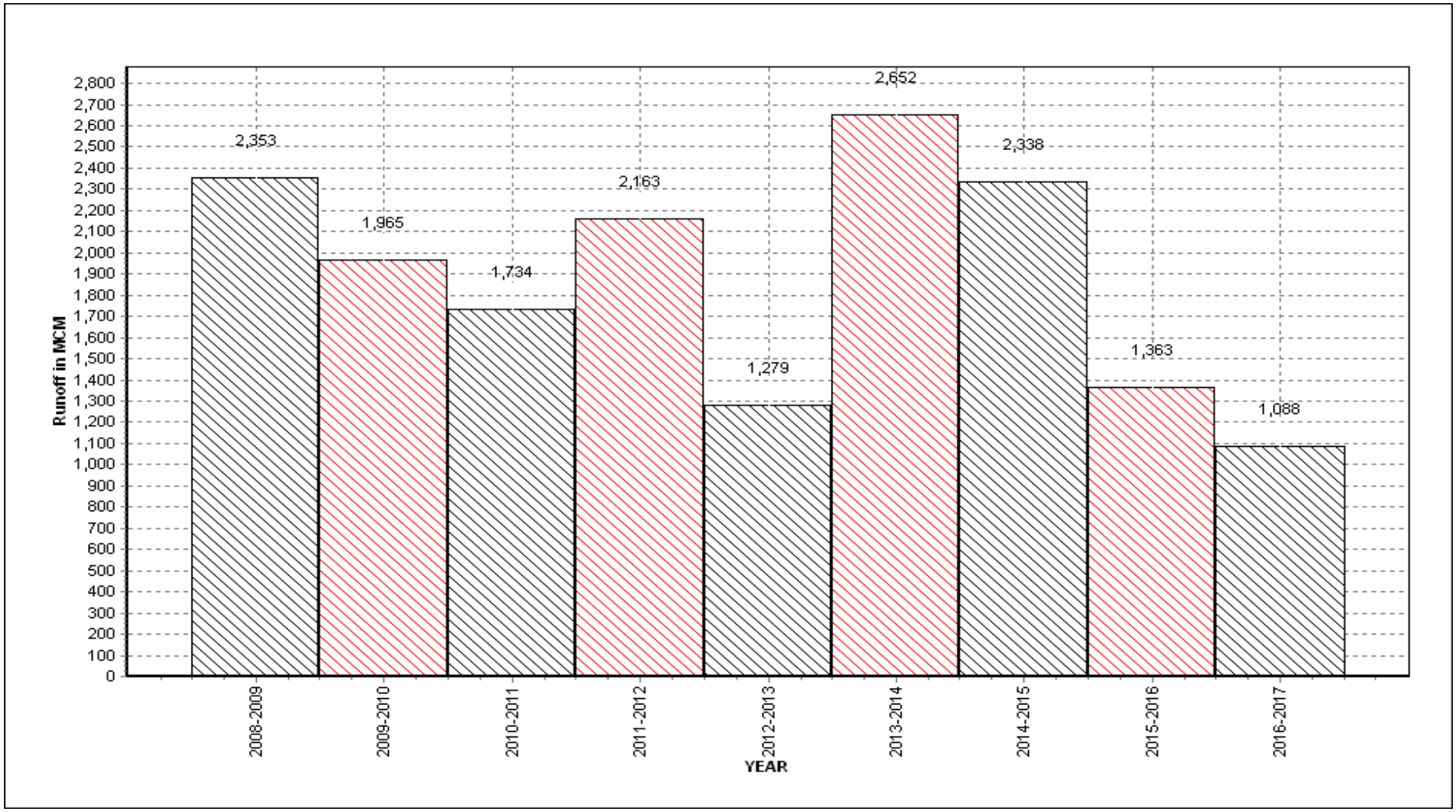
Annual Runoff Values for the period: 2008 - 2017

Station Name : Chunchunkatte (CC000V7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

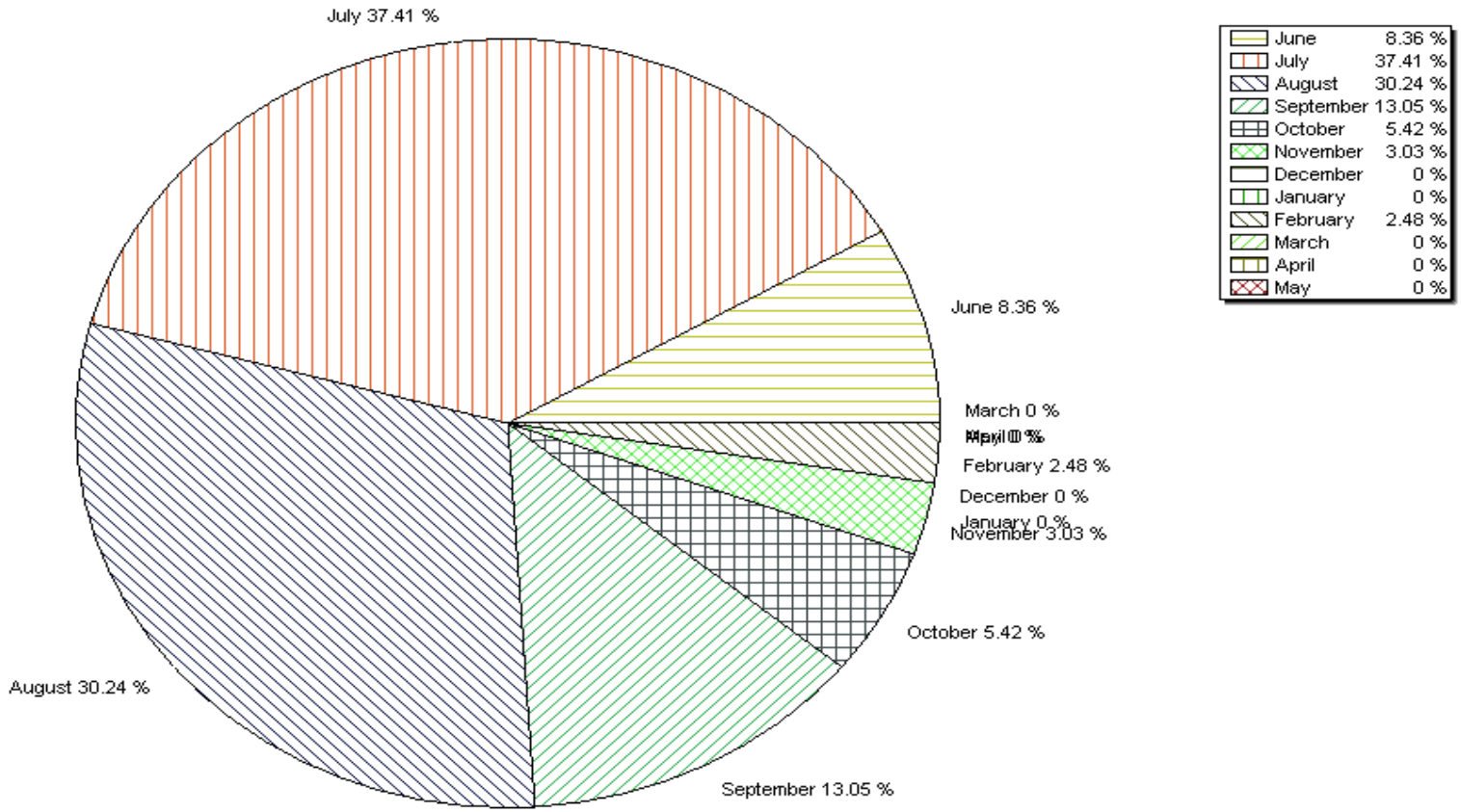


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2008-2016

Station Name : Chunchunkatte (CC000V7)
Local River : Cauvery

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



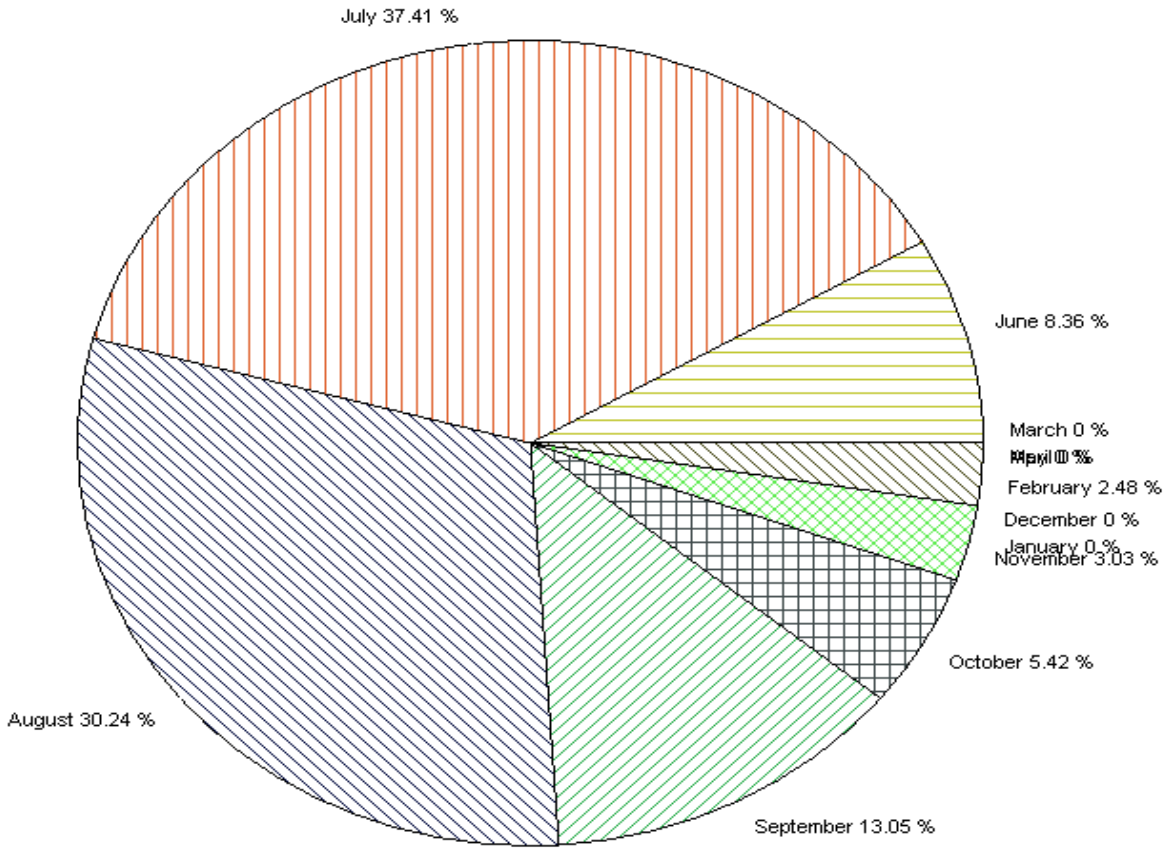
Monthly Runoff for the Year : 2016-2017

Station Name : Chunchunkatte (CC000V7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

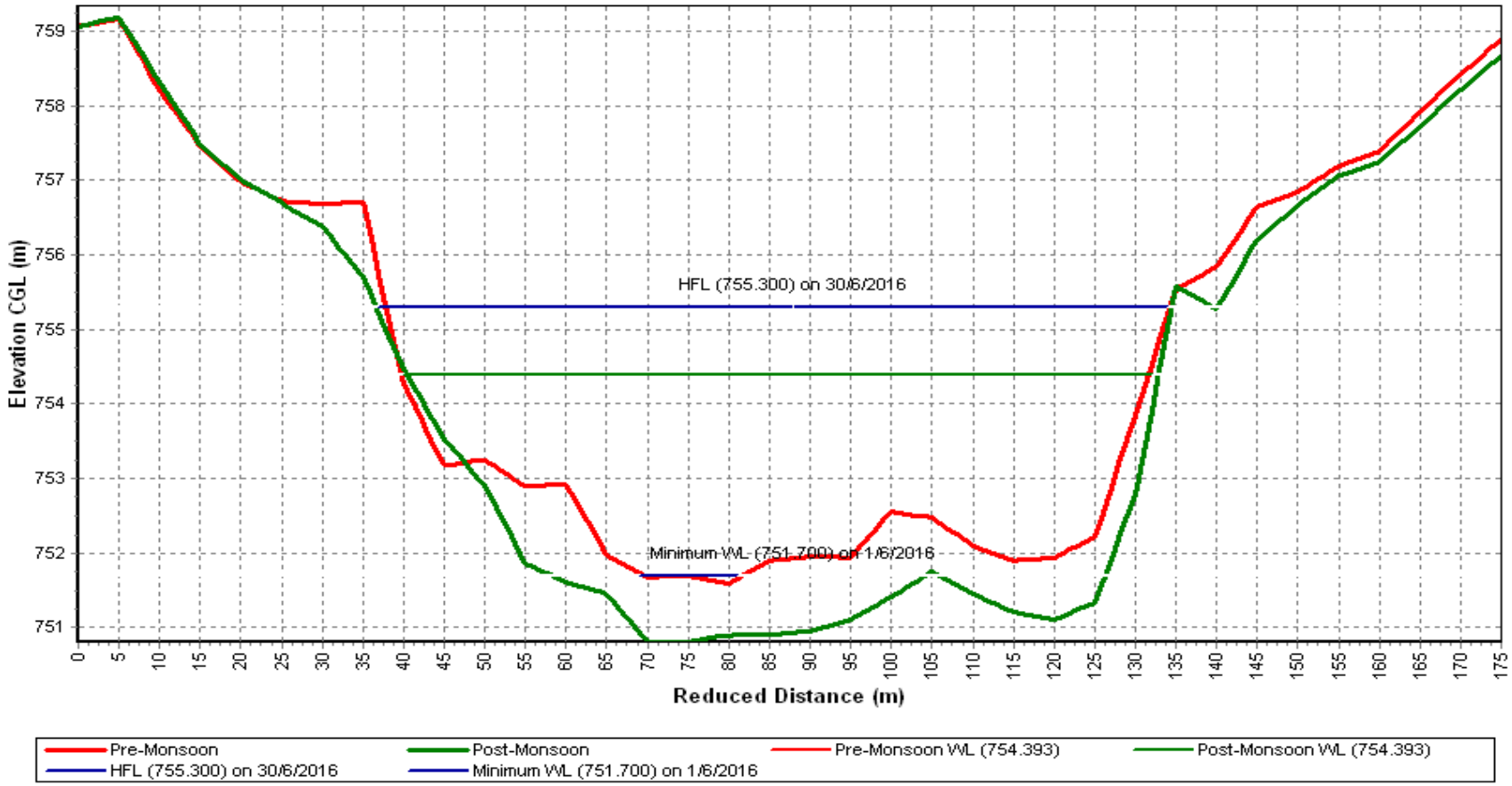


June	8.36 %
July	37.41 %
August	30.24 %
September	13.05 %
October	5.42 %
November	3.03 %
December	0 %
January	0 %
February	2.48 %
March	0 %
April	0 %
May	0 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

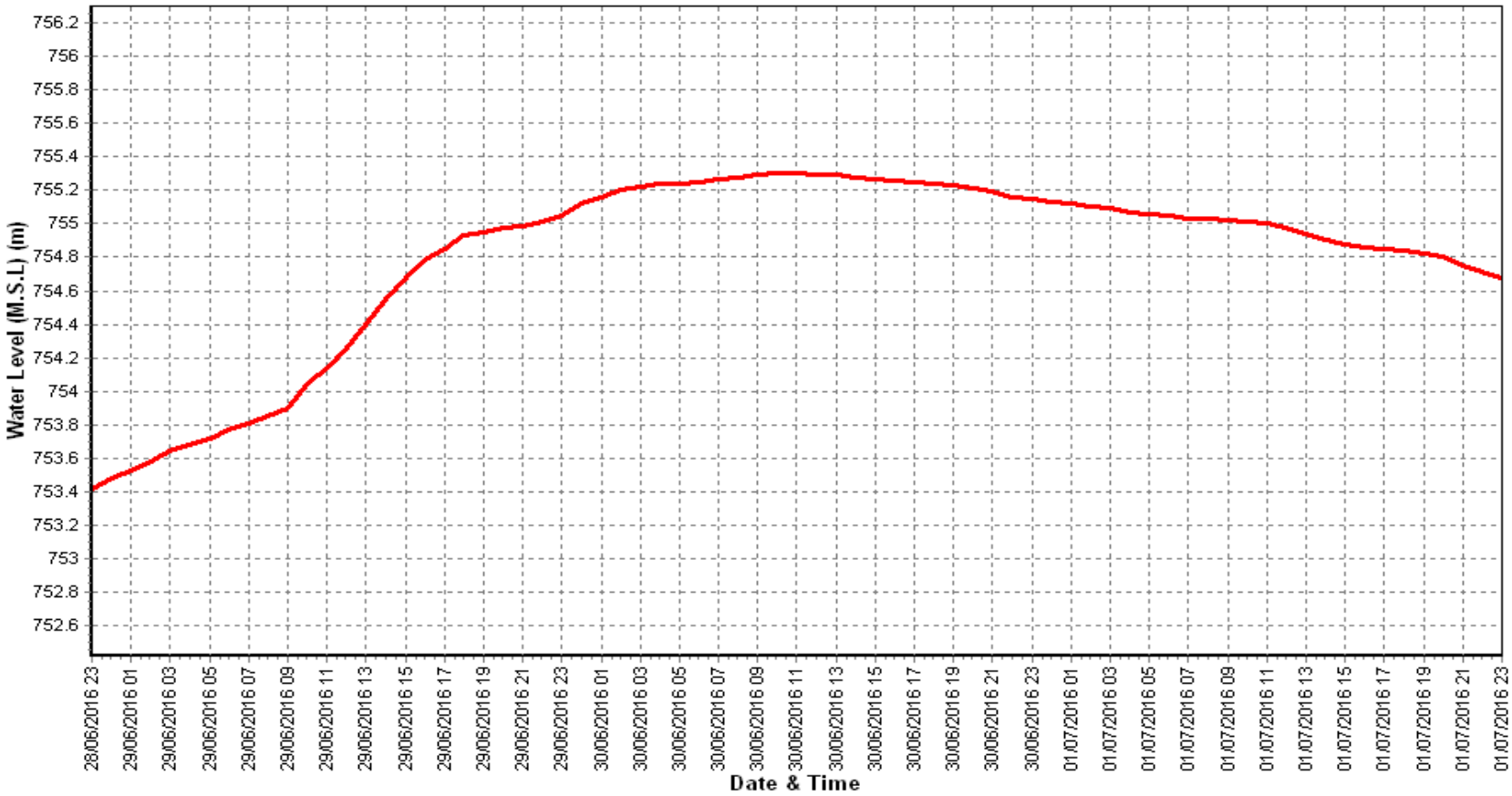
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

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

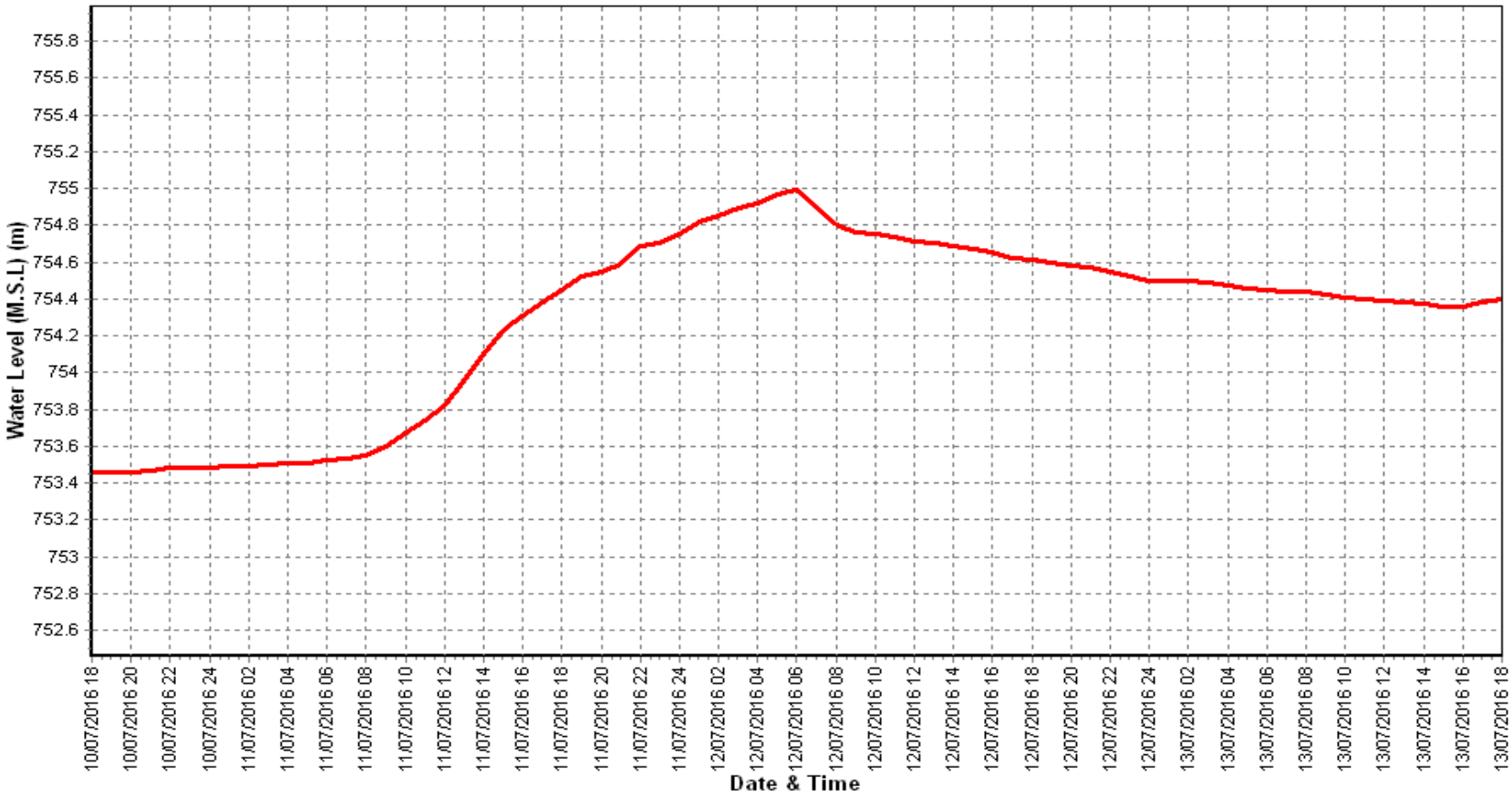


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Chunchunkatte (CC000V7) **Division : Cauvery Division, Bangalore**

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

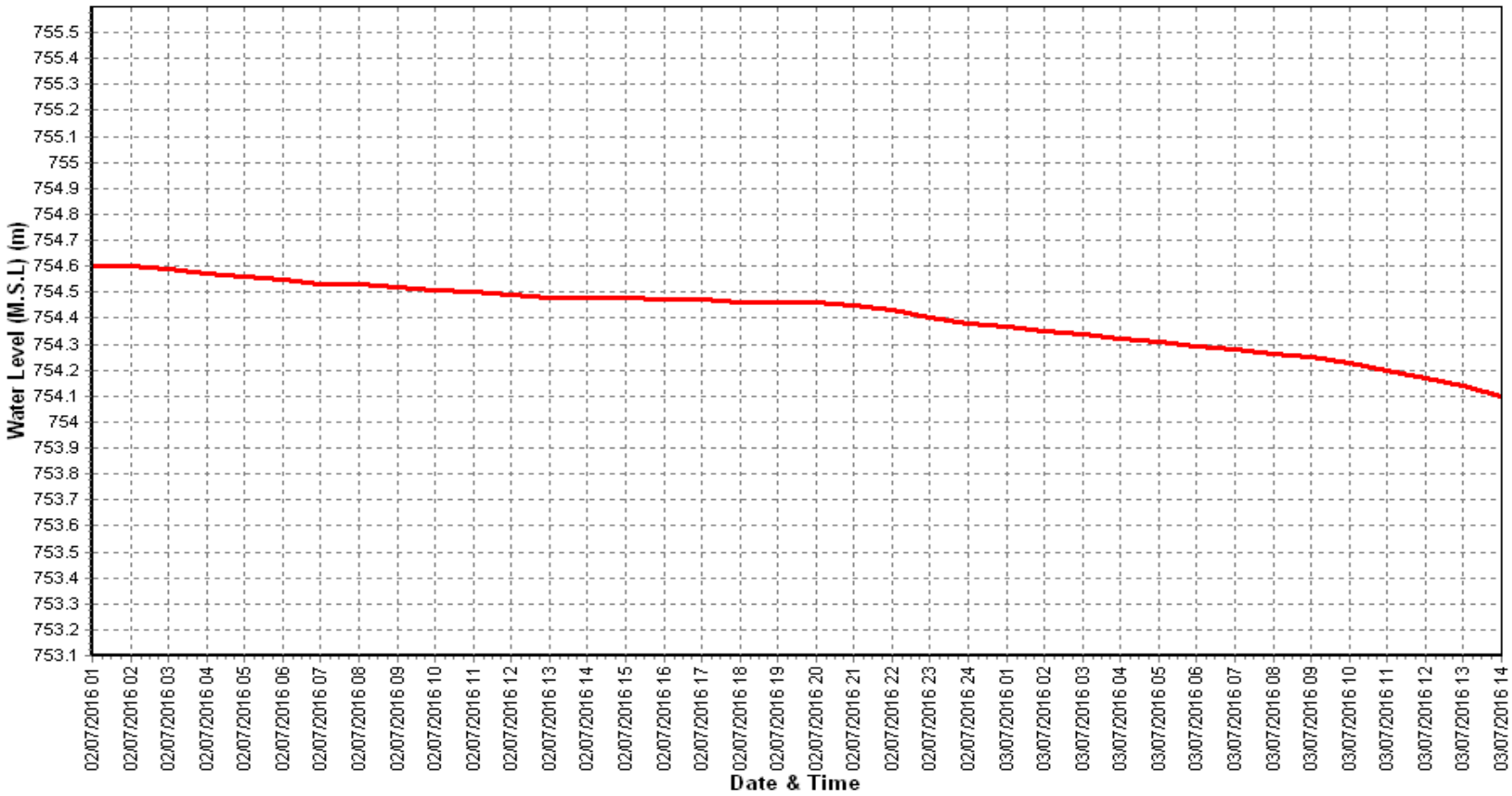


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

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	:	**2016-2017**
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

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

Stage-Discharge Data for the period 2016 - 2017

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	811.200	11.43	814.805	464.3	812.500	128.5	812.430	123.4	811.830	65.18	812.510	128.0
2	811.140	11.16	814.245	362.2	812.470	127.0	812.440	129.3	811.800	66.33 *	812.630	142.3
3	811.140	8.184	813.410	244.3 *	812.370	125.0	812.430	125.1	811.740	60.41	811.610	48.32
4	811.100	5.886	813.285	186.6	812.940	183.1	812.260	104.6 *	813.100	200.2	811.530	36.74
5	811.100	7.003 *	814.300	371.2	813.020	220.5	812.030	84.26 *	813.060	199.5	811.460	27.48
6	811.120	8.093	813.815	316.6	813.850	324.8	811.950	80.99	812.970	184.2	811.440	24.43 *
7	811.110	7.460	813.450	250.3 *	812.960	181.9 *	812.375	97.19	812.450	128.0	811.410	23.64
8	811.110	7.484	813.135	174.9	813.180	193.6	812.440	127.8	812.625	145.6	811.390	17.46
9	811.160	8.587	812.930	181.7	813.450	278.2	812.400	123.3	812.640	143.6 *	811.380	17.21
10	811.200	11.46	812.870	170.6 *	813.380	271.7	812.400	118.2 *	812.620	141.0	811.370	16.99
11	811.220	12.06	814.475	371.1	812.990	185.3	812.310	109.3 *	811.640	46.43 *	812.070	87.26
12	811.240	13.55 *	814.590	403.1	812.955	179.7	812.300	108.4 *	811.620	44.22 *	812.320	111.7
13	811.220	12.04	814.310	384.4	813.090	204.4	812.300	108.4 *	811.590	37.26	812.090	85.15 *
14	811.200	11.57	813.955	327.4	812.970	183.1 *	812.300	108.4 *	811.675	59.39	811.940	68.55 *
15	811.240	12.14	813.350	283.3	812.950	180.6 *	812.350	113.2 *	811.720	61.52	811.790	67.13
16	811.550	40.40	813.295	230.8	813.785	323.3	812.200	99.05 *	811.880	75.54 *	811.370	20.92
17	811.450	30.04	813.150	207.0 *	813.990	345.1	812.200	99.05 *	811.670	59.21	811.360	19.41
18	811.440	28.16	813.060	197.5	814.035	372.6	812.200	99.05 *	811.590	46.66	811.340	16.04
19	811.560	37.68 *	812.940	182.4	813.825	320.9	812.200	89.82	811.550	35.52	811.320	7.346
20	811.750	55.50	812.860	183.2	813.255	217.6	812.130	86.55	811.530	33.49	811.310	7.336 *
21	811.575	37.20	812.825	180.2	812.905	182.2	812.300	96.75	811.510	31.08	811.300	7.025
22	811.570	34.54	812.840	188.5	812.780	178.9	811.790	62.50	811.490	27.61	811.290	6.940
23	811.710	50.50	813.220	199.6	812.555	134.3	811.960	75.10	811.490	30.86 *	811.290	6.813 #
24	812.055	93.49	813.110	201.5 *	812.460	130.8	811.980	78.20	811.470	27.53	811.290	6.813 #
25	811.965	84.23	813.065	198.1	812.625	136.9	812.120	91.92 *	812.005	84.67	811.310	7.541
26	811.910	79.80 *	812.865	180.9	812.535	130.8	812.065	89.41	811.760	68.41	811.310	7.511
27	811.825	75.68	812.660	141.0	812.465	131.4	812.035	86.23	811.940	78.07	811.310	7.336 *
28	812.980	184.4	812.670	137.7	812.430	121.2 *	811.985	79.70	811.900	67.20	811.300	7.081
29	815.140	574.0	812.600	131.8	812.455	129.3	811.900	66.04	812.860	237.1 *	811.300	7.110
30	815.550	709.8	812.405	127.3	812.420	123.3	811.900	66.64	812.350	145.3 *	811.290	6.576
31			812.430	121.2 *	812.440	127.7			812.540	131.1		
Ten-Daily Mean												
I Ten-Daily	811.138	8.674	813.625	272.3	813.012	203.4	812.315	111.4	812.484	133.4	811.673	48.26
II Ten-Daily	811.387	25.32	813.599	277.0	813.385	251.3	812.249	102.1	811.646	49.92	811.691	49.08
III Ten-Daily	812.628	192.4	812.790	164.3	812.552	138.8	812.003	79.25	811.938	84.45	811.299	7.075
Monthly												
Min.	811.100	5.886	812.405	121.2	812.370	121.2	811.790	62.50	811.470	27.53	811.290	6.576
Max.	815.550	709.8	814.805	464.3	814.035	372.6	812.440	129.3	813.100	237.1	812.630	142.3
Mean	811.718	75.45	813.320	235.5	812.969	195.9	812.189	97.6	812.020	89.1	811.554	34.81

Annual Runoff in MCM = 2072 Annual Runoff in mm = 1071

Peak Observed Discharge = 709.8 cumecs on 30/06/2016 Corres. Water Level :815.55 m

Lowest Observed Discharge = 0.819 cumecs on 20/03/2017 Corres. Water Level :810.88 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 2016 - 2017

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	811.290	13.03 #	811.160	8.220 *	811.190	10.74	811.000	3.721	810.930	1.947	810.970	2.625
2	811.290	13.03 #	811.160	7.704	811.160	8.815	810.940	2.866	810.930	1.911 *	811.050	4.634
3	811.300	13.44 #	811.160	7.690	811.140	8.649	810.940	2.864	810.930	1.986	811.050	4.572
4	811.310	13.86 *	811.150	7.522	811.120	8.303	810.930	2.754	810.920	1.604	811.140	7.687
5	811.300	13.44 #	811.150	7.485	811.110	6.644 *	810.930	2.249 *	810.935	2.114	811.040	4.538
6	811.300	13.44 #	811.140	7.239	811.100	6.319	810.930	2.750	810.940	2.077	811.090	4.774
7	811.300	13.44 #	811.140	7.208	811.090	6.215	810.920	1.967 #	811.210	10.11	811.140	7.708 *
8	811.300	13.44 #	811.140	7.573 *	811.080	6.042	810.910	1.700 #	811.060	5.127	811.210	9.596
9	811.280	11.95	811.130	7.097	811.080	5.750	810.910	1.700 #	811.050	4.874 *	811.050	4.689
10	811.280	11.99	811.130	7.106	811.070	5.398	810.900	1.451 #	811.100	6.366	811.050	4.874 *
11	811.280	12.63 *	811.130	6.998	811.060	5.270	810.900	1.451 #	811.140	7.536	811.090	6.256
12	811.270	12.63 *	811.130	7.019	811.050	5.439	810.890	1.216 *	811.140	7.563	811.120	6.961
13	811.260	11.37	811.120	6.825	811.050	5.063	810.890	1.303	811.080	5.936	811.080	5.860
14	811.280	12.43	811.120	7.415	811.060	4.845	810.890	1.339	811.050	4.874 *	811.050	4.874 *
15	811.280	14.02	811.120	6.947 *	811.080	6.012	810.890	1.337	811.050	4.748	811.050	4.719
16	811.280	13.18	811.110	6.533	811.070	5.816	810.880	0.927	811.050	4.874 *	811.040	4.563
17	811.400	17.88 #	811.110	6.550	811.050	4.772	810.880	0.911	811.040	4.677	811.030	4.217
18	811.330	14.71 *	811.110	6.583	811.010	3.926	810.880	0.848	811.020	4.220	811.050	4.730
19	811.300	13.44 #	811.100	6.258	811.010	3.961 *	810.880	0.999 *	811.020	4.315	811.080	6.125
20	811.270	12.27	811.100	6.861	811.010	3.969	810.880	0.819	811.030	4.543	811.060	5.470
21	811.250	11.08	811.080	5.657	811.010	3.972	810.900	1.439	811.030	4.356	811.060	5.165 *
22	811.240	10.69	811.090	6.058 *	811.000	3.738	810.930	1.842	811.030	3.912	811.060	5.549
23	811.220	9.642	811.080	5.781	811.000	3.688	810.960	2.473	811.020	4.041 *	811.030	4.283
24	811.210	9.367	811.080	5.777	812.170	70.59 *	810.950	2.427	811.020	4.234	811.030	4.355
25	811.200	9.594 *	811.080	5.645	812.210	103.3	810.950	2.407	811.010	3.871	811.110	6.390
26	811.190	9.241 *	811.070	5.495 *	812.760	210.4 *	810.950	2.333 *	810.990	2.912	811.100	7.103
27	811.190	9.029	811.070	5.119	811.600	52.24	810.940	2.351	810.990	3.008	811.100	7.067
28	811.190	8.970	811.380	16.95 #	811.840	74.55	810.940	2.369	810.970	2.478	811.110	6.710 *
29	811.180	8.538	811.230	10.68 *			810.940	2.118 *	810.970	2.578	811.100	7.083
30	811.170	7.993	811.270	14.03			810.950	2.455	811.980	3.020 *	811.100	7.074
31	811.170	7.950	811.240	12.34			810.940	2.055			811.110	7.110
Ten-Daily Mean												
I Ten-Daily	811.295	13.11	811.146	7.484	811.114	7.287	810.931	2.402	811.000	3.811	811.079	5.570
II Ten-Daily	811.295	13.46	811.115	6.799	811.045	4.907	810.886	1.115	811.062	5.329	811.065	5.377
III Ten-Daily	811.201	9.281	811.152	8.503	811.699	65.31	810.941	2.206	811.101	3.441	811.083	6.172
Monthly												
Min.	811.170	7.950	811.070	5.119	811.000	3.688	810.880	0.819	810.920	1.604	810.970	2.625
Max.	811.400	17.88	811.380	16.95	812.760	210.4	811.000	3.721	811.980	10.11	811.210	9.596
Mean	811.262	11.86	811.138	7.625	811.256	23.02	810.920	1.918	811.055	4.194	811.076	5.721

Peak Computed Discharge = 250.3 cumecs on 07/07/2016 **Corres. Water Level :813.45 m**

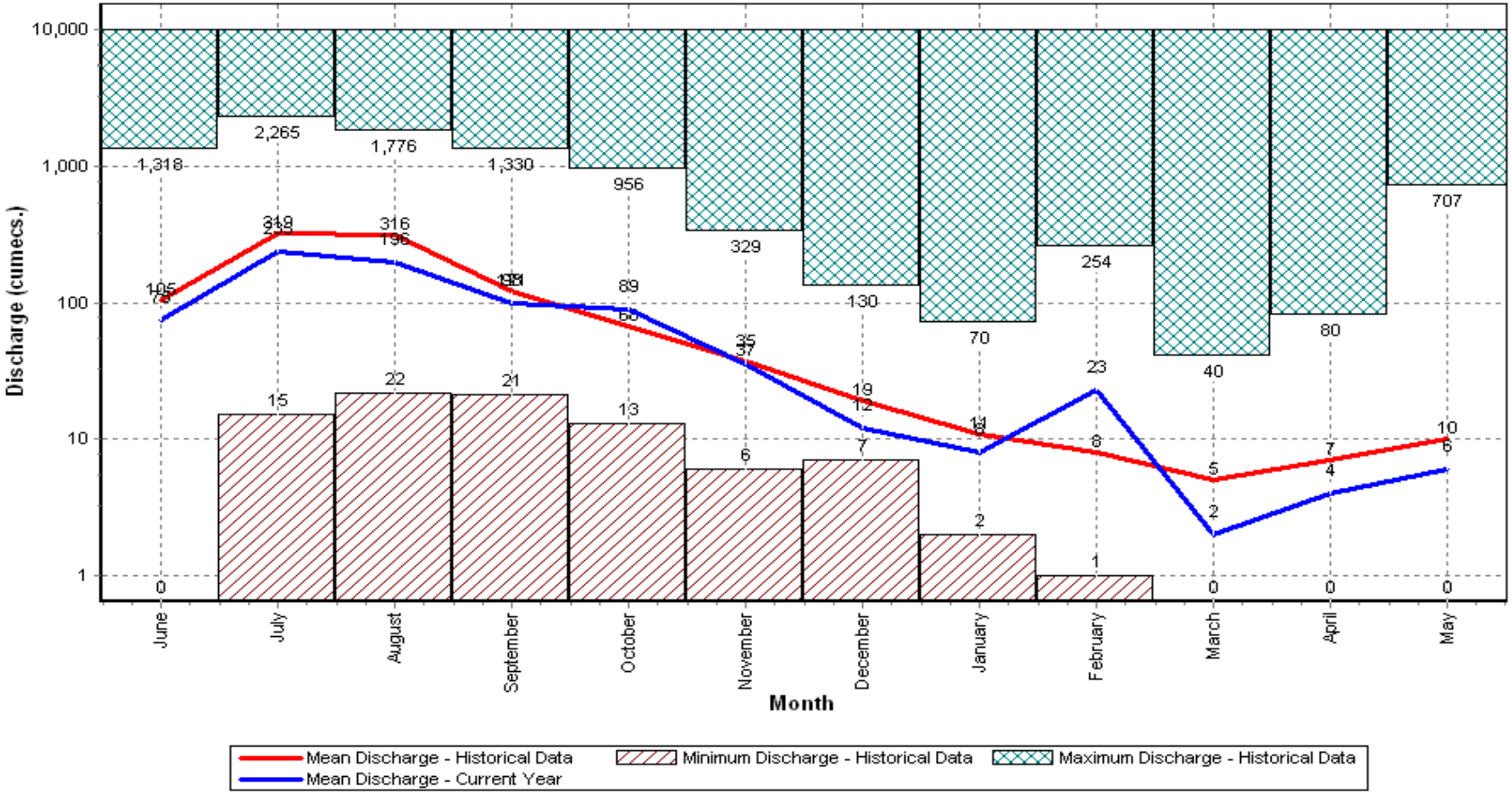
Lowest Computed Discharge = 0.999 cumecs on 19/03/2017 **Corres. Water Level :810.88 m**

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 : 2016-2017

Station Name : Kudige (CC000Y5) | **Data considered : 1974-2017** | **Division : Cauvery Division, Bangalore**

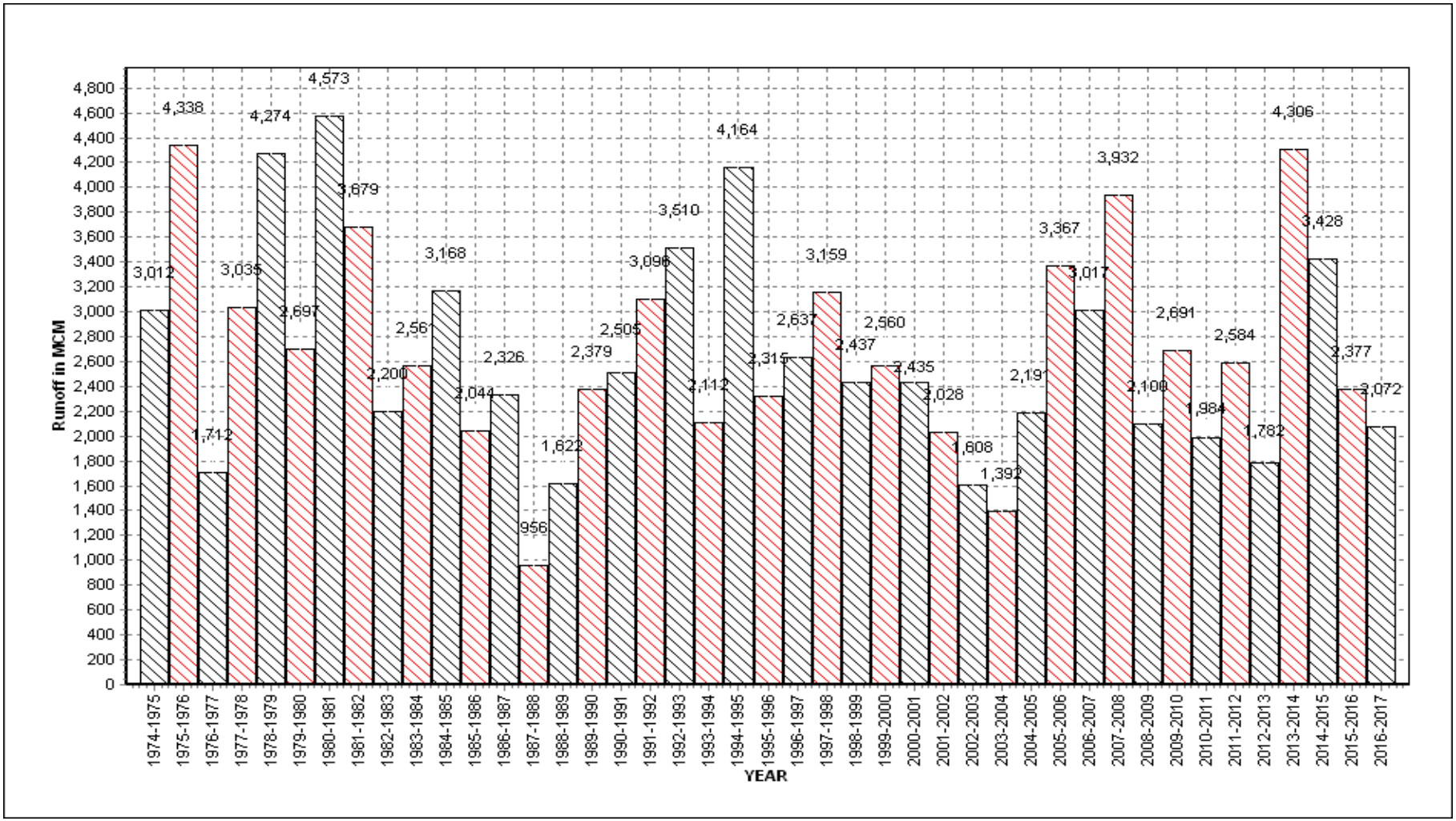
Local River : Cauvery | **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 1974 - 2017

Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

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

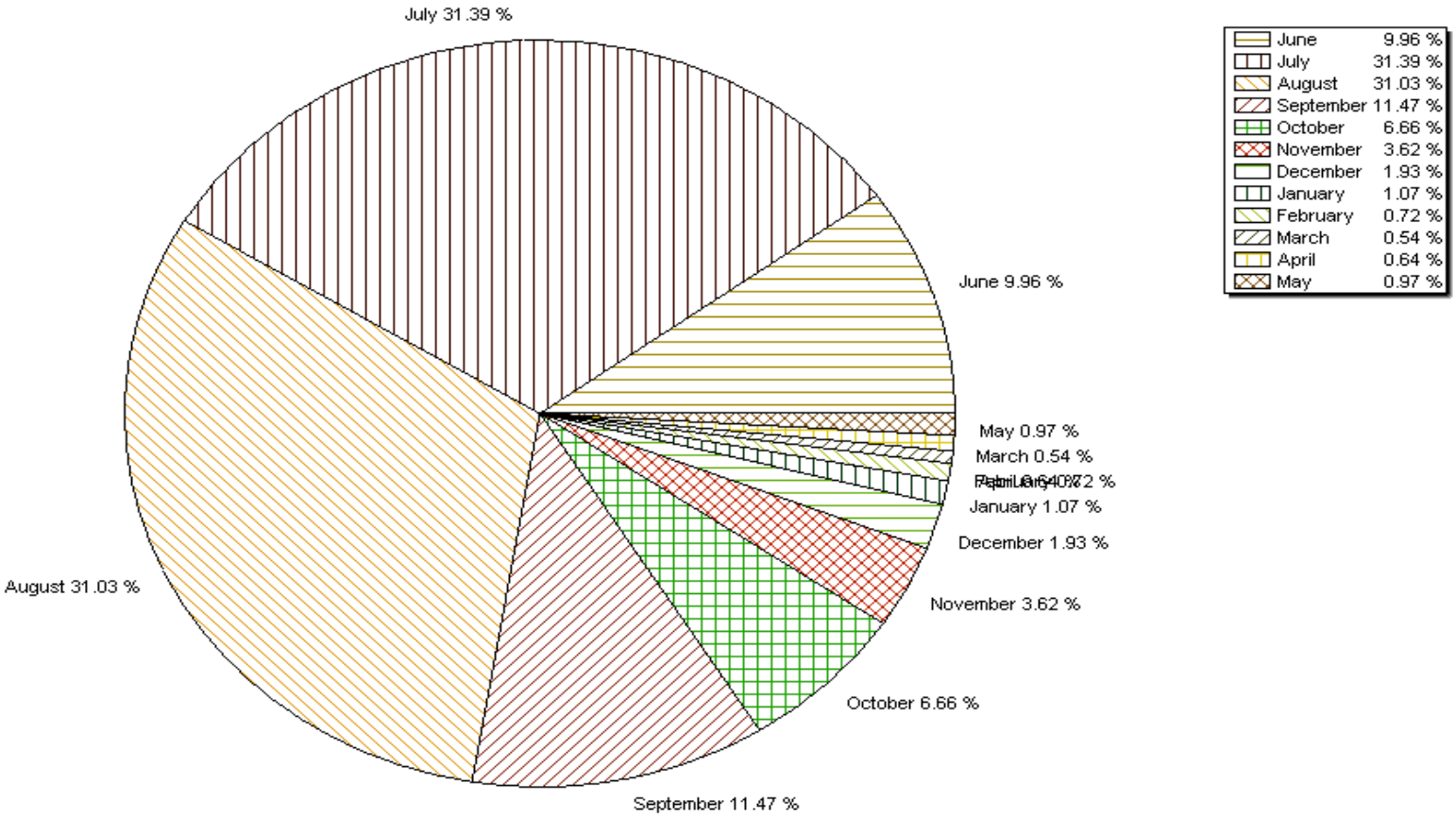


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1974-2016

Station Name : Kudige (CC000Y5)
Local River : Cauvery

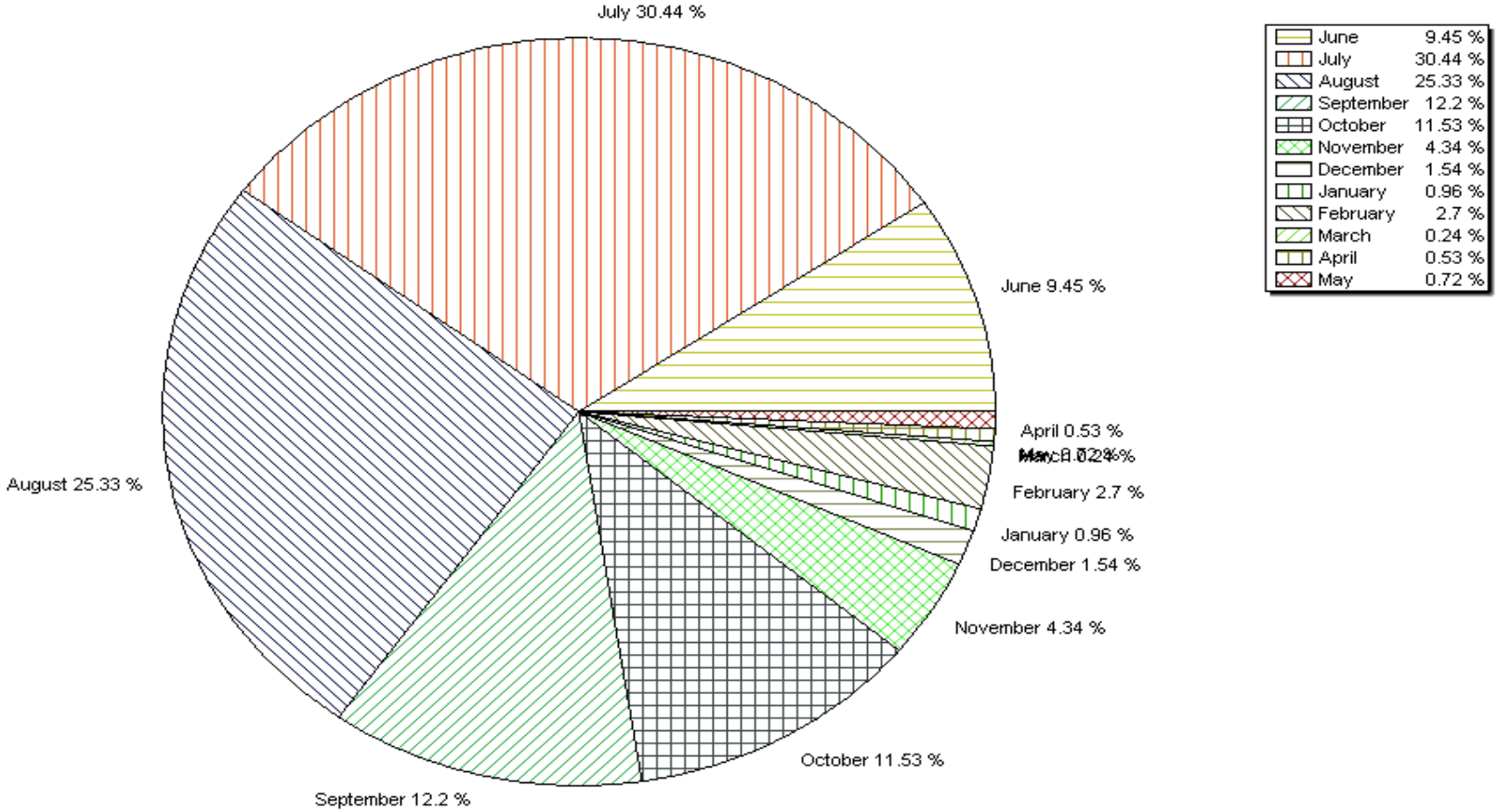
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Monthly Runoff for the Year : 2016-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

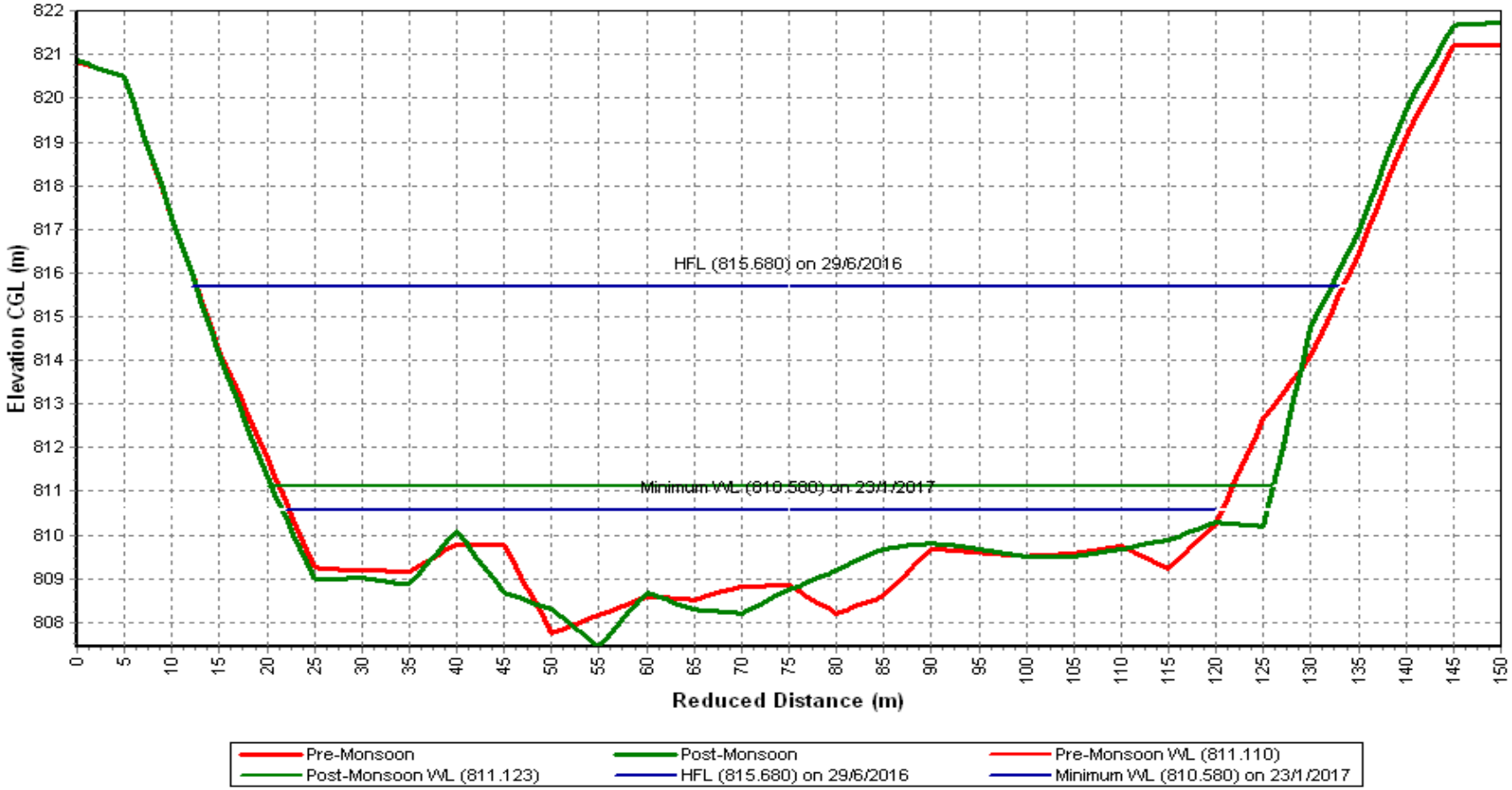
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2016-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

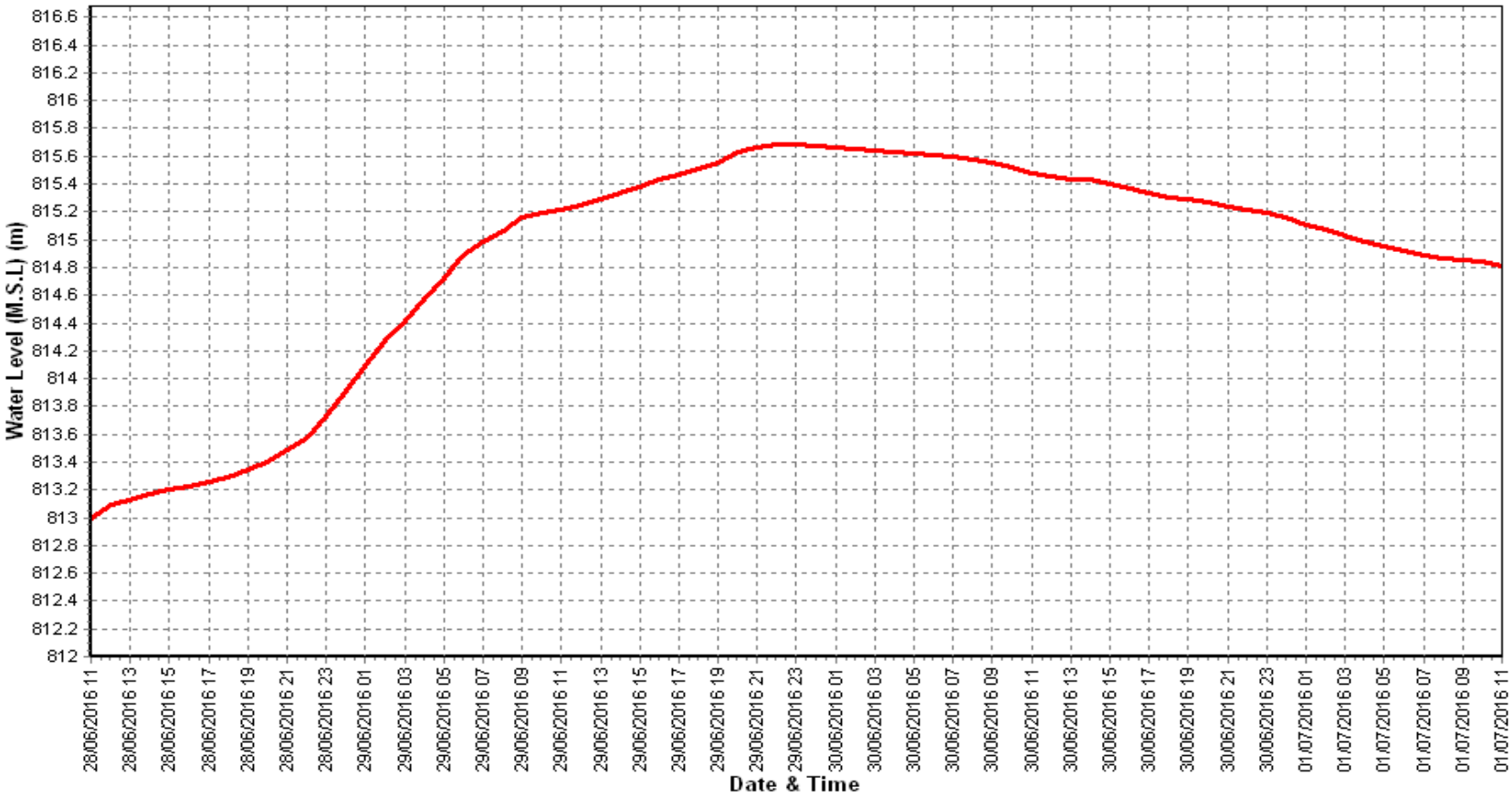
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2016-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

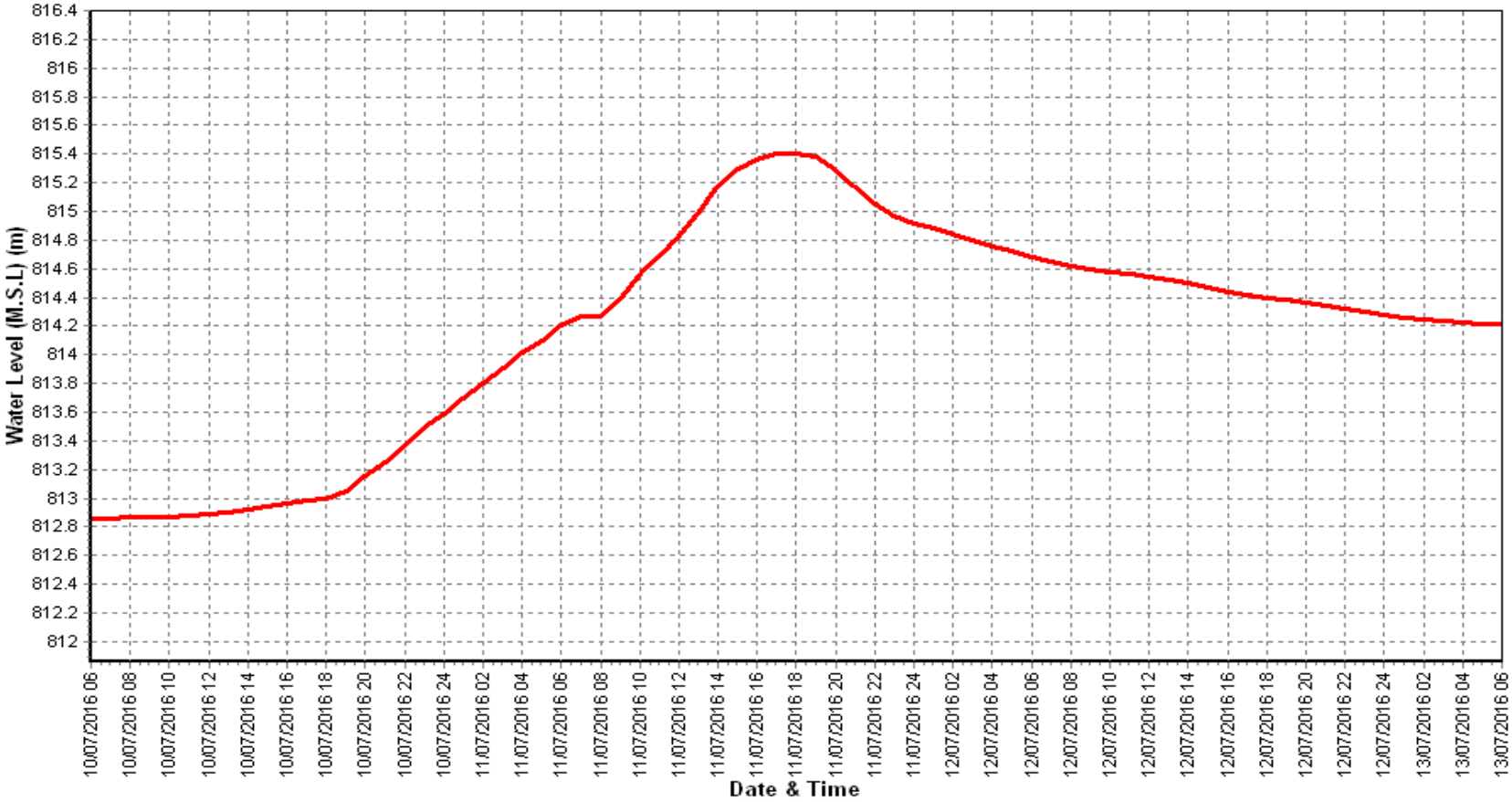
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2016-2017

Station Name : Kudige (CC000Y5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

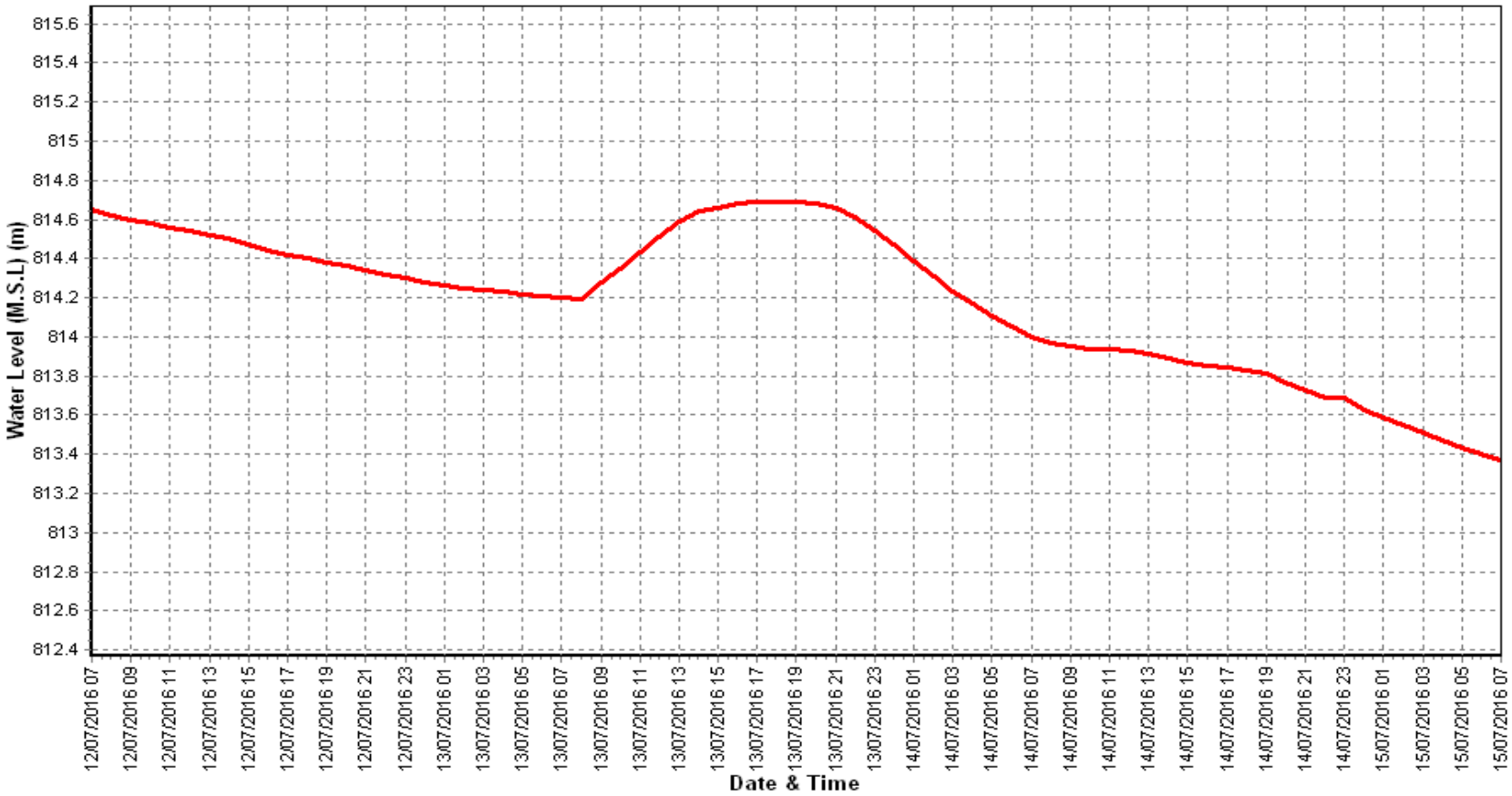


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2016-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

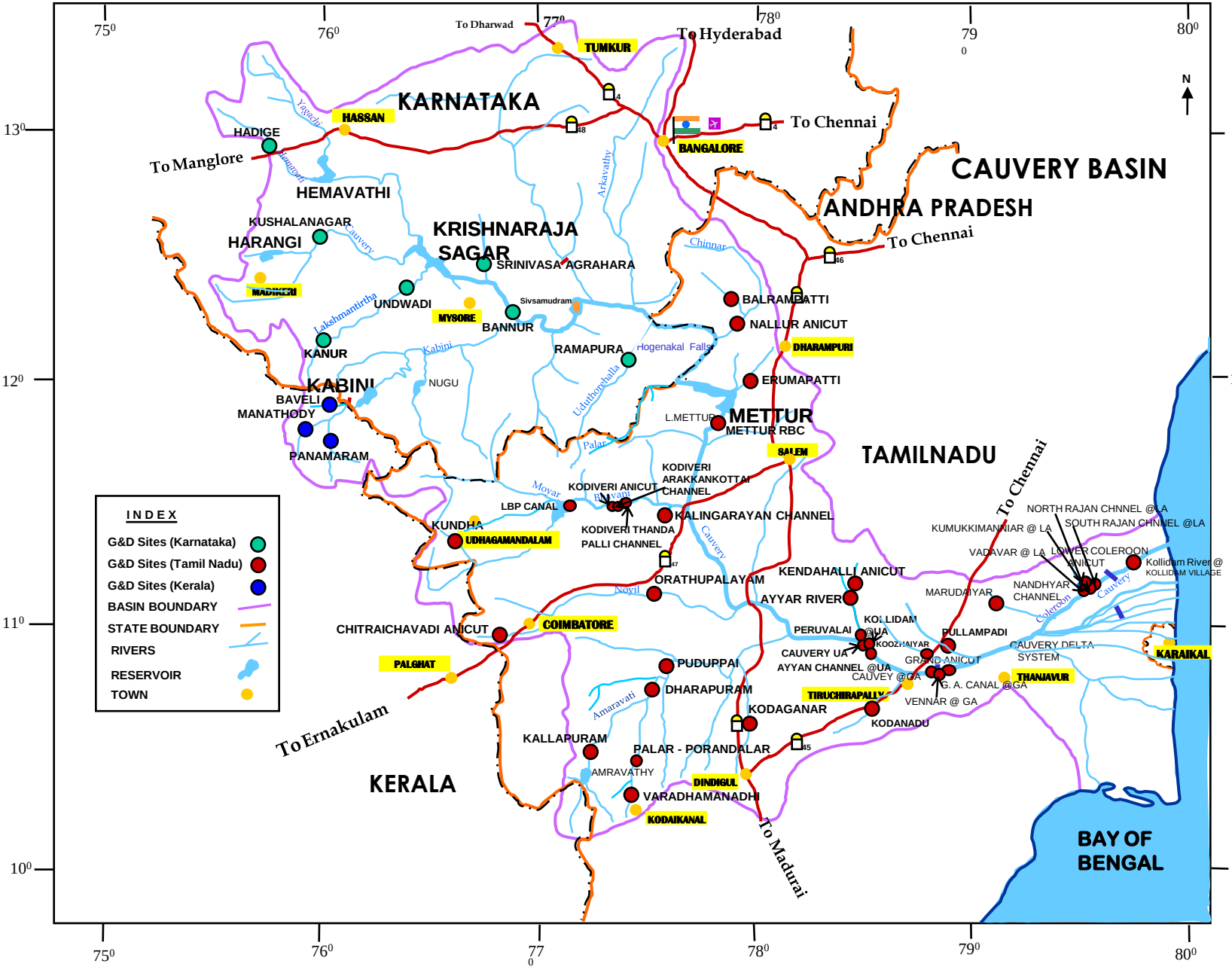
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

397

BASIN MAP SHOWING STATE GOVT. G&D SITES IN CAUVERY BASIN



398

PLATE -II

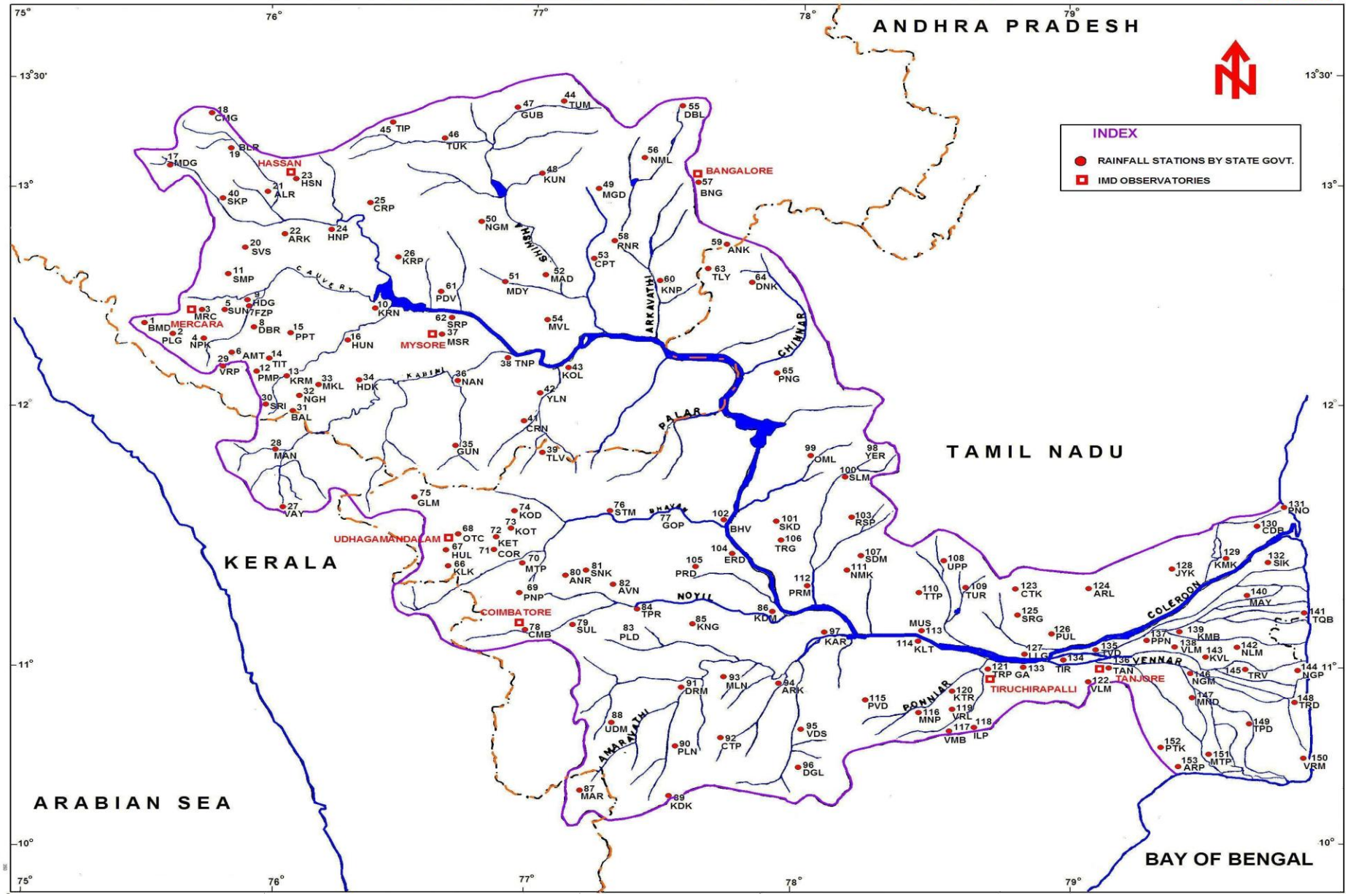
Annexure – III

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	HUI
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

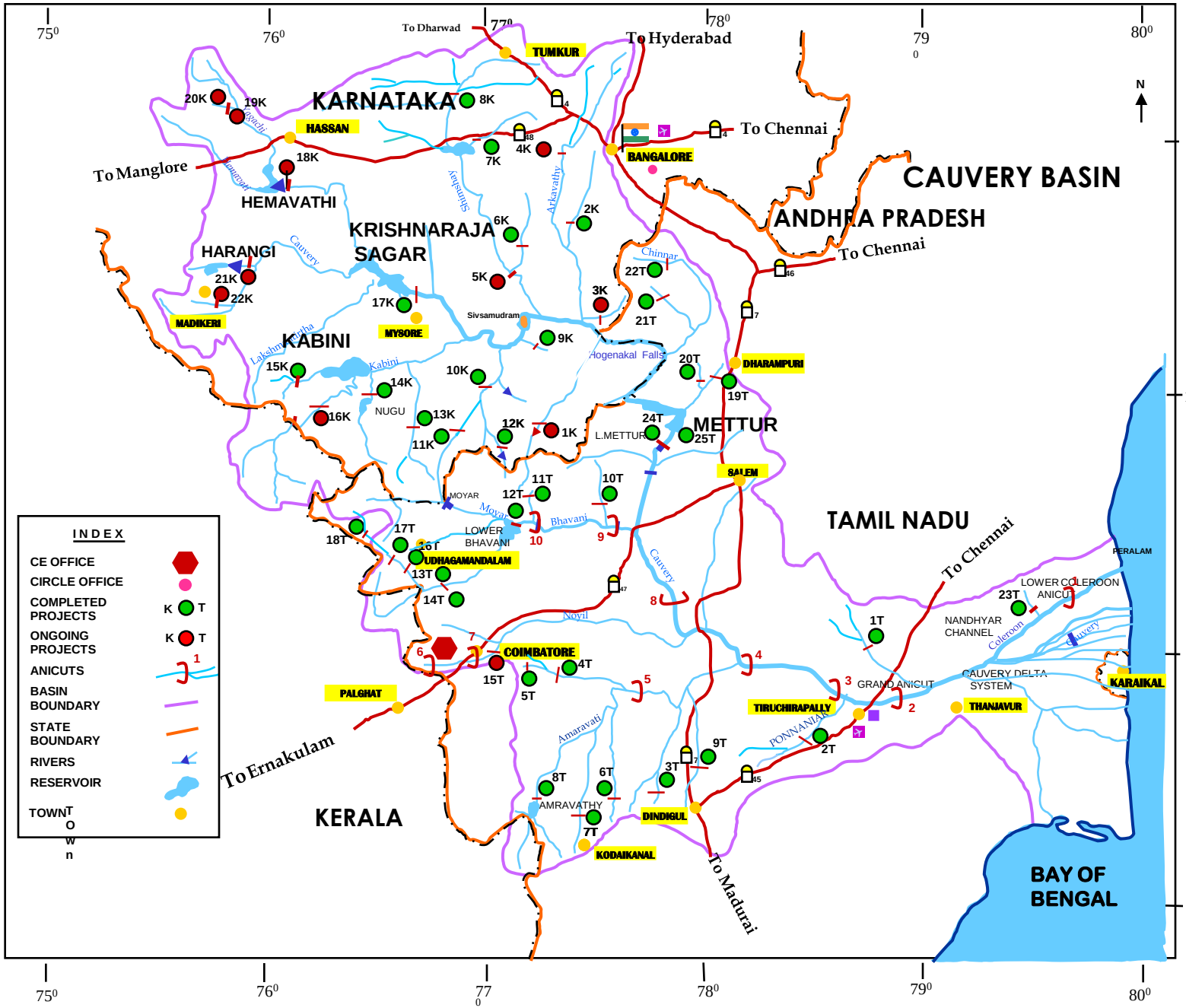


PLATE - IV

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

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)
(FOR OFFICE USE ONLY)

वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2016 – मई 2017)
(JUNE 2016– MAY 2017)
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
नवंबर– 2017
NOVEMBER – 2017

CONTENTS

Annual Sediment Load for period : 2004-2017

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

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

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

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

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) : 43

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

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	1.466	0.000	0.000	0.012	0.012	2	0.000	0.000	0.000	0.000	0.000	0	0.387	0.000	0.000	0.010	0.010	0
2	0.895	0.000	0.000	0.009	0.009	1	0.000	0.000	0.000	0.000	0.000	0	0.190	0.000	0.000	0.047	0.047	1
3	0.270	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0	0.200	0.000	0.000	0.018	0.018	0
4	0.072	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.472	0.000	0.000	0.014	0.014	1
5	0.037	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.328	0.000	0.000	0.016	0.016	0
6	0.012	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.144	0.000	0.000	0.018	0.018	0
7	0.006	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.081	0.000	0.000	0.018	0.018	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	0.033	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	3.114	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	4.422	0.000	0.000	0.004	0.004	2	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	2.775	0.000	0.000	0.008	0.008	2	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	1.846	0.000	0.000	0.013	0.013	2	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	0.463	0.000	0.000	0.014	0.014	1	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.611	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	0.478	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.212	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
31							0.612	0.000	0.000	0.019	0.019	1						
Ten Daily Mean																		
Ten Daily I	0.276	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0	0.180	0.000	0.000	0.014	0.014	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	1.324	0.000	0.000	0.007	0.007	1	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						2						9						3

Annual Sediment Load (Metric Tonnes) : 43

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

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	2.324	0.000	0.000	0.005	0.005	1
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.266	0.000	0.000	0.006	0.006	1
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.422	0.000	0.000	0.008	0.008	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.517	0.000	0.000	0.007	0.007	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.178	0.000	0.000	0.002	0.002	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.087	0.000	0.000	0.001	0.001	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	4.491	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	2.068	0.000	0.000	0.006	0.006	1	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	1.143	0.000	0.000	0.016	0.016	2	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	0.673	0.000	0.000	0.017	0.017	1	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	6.365	0.000	0.000	0.009	0.009	5	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	7.901	0.000	0.000	0.009	0.009	6	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	7.694	0.000	0.000	0.008	0.008	5						
30	0.183	0.000	0.000	0.018	0.018	0	7.183	0.000	0.000	0.005	0.005	3						
31	0.119	0.000	0.000	0.018	0.018	0	3.847	0.000	0.000	0.005	0.005	1						
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	0.479	0.000	0.000	0.003	0.003	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	0.027	0.000	0.000	0.003	0.003	0	3.761	0.000	0.000	0.007	0.007	2	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						0						27						2

Annual Sediment Load (Metric Tonnes) : 43

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

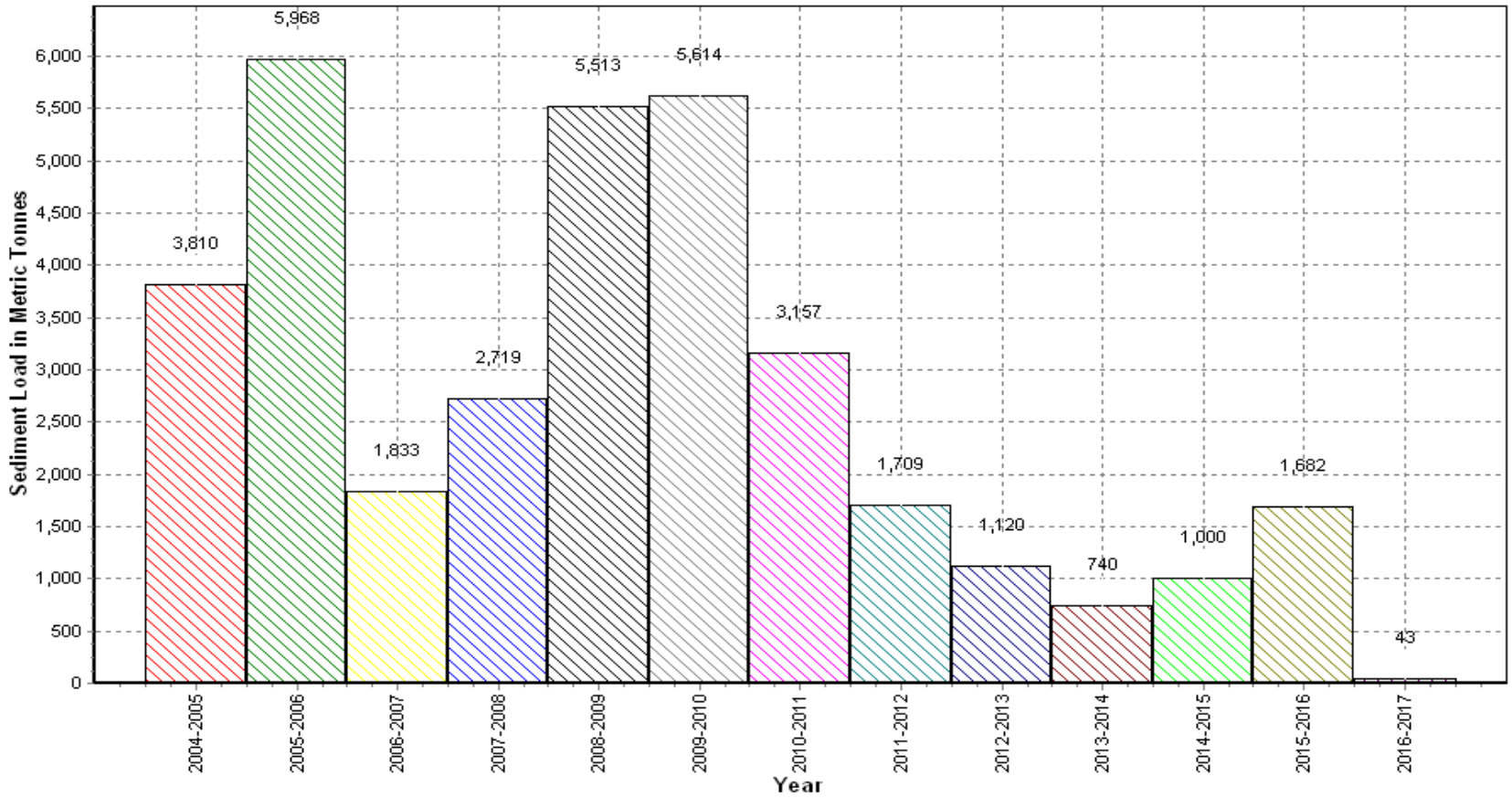
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	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) : 43

Annual Sediment Load for the period: 2004-2017

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

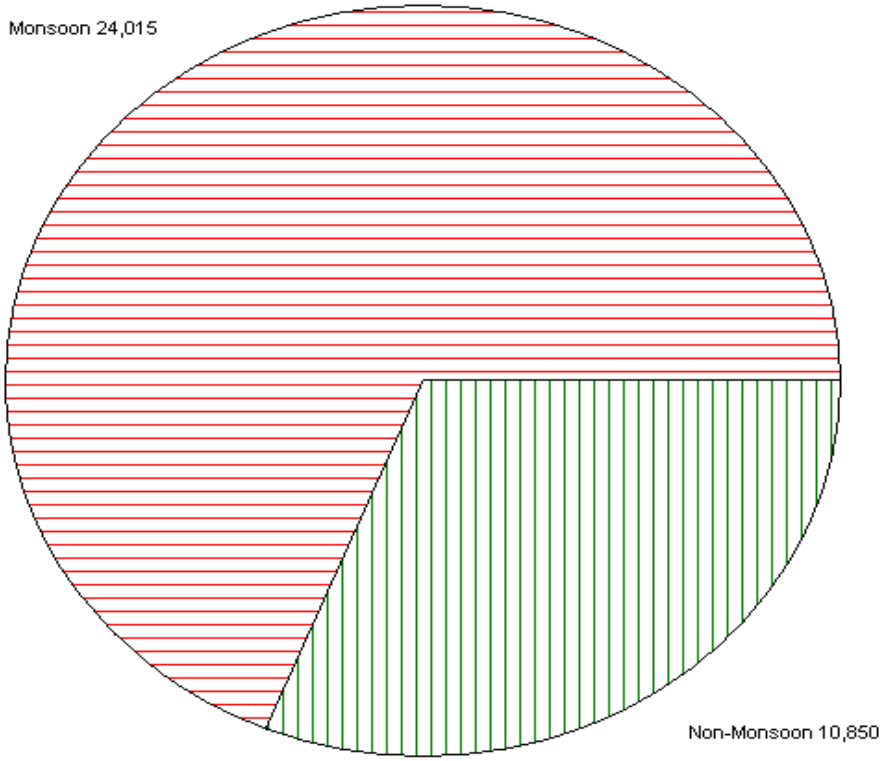
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Seasonal Sediment Load for the period : 2004-2016

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

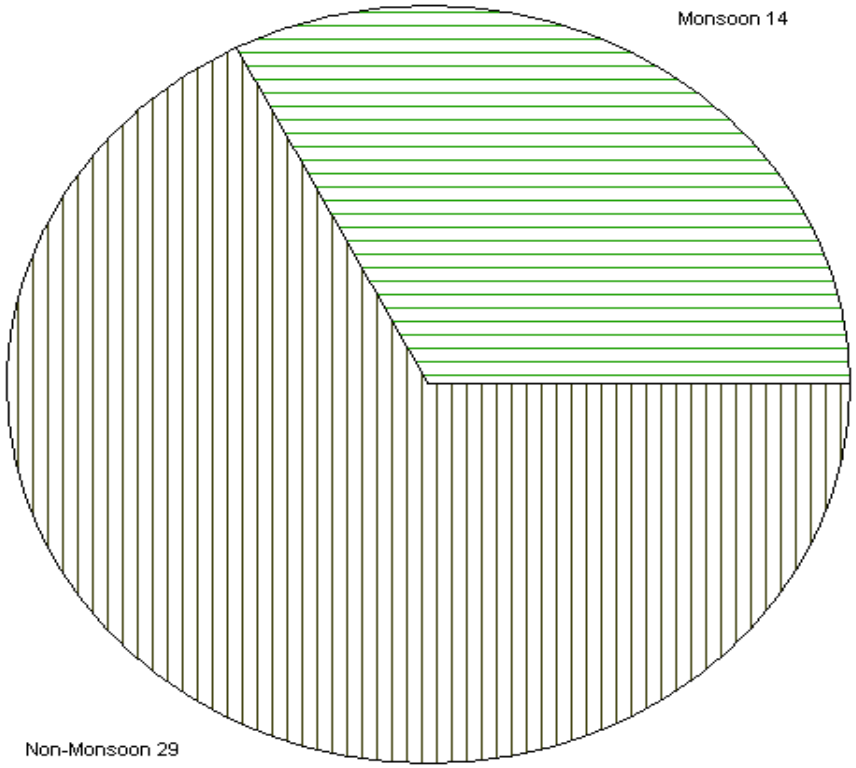
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Seasonal Sediment Load for the Year: 2016-2017

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



BED MATERIAL ANALYSIS DATA

RIVER : **THIRUMALAIRAJANAR** **CODE No.** : **CCA31N6**

SITE : **THENGUDI** **CROSS SECTION** : **SGL**

		DATA FOR SAMPLE COLLECTED												GENERAL DATA OF THE RIVER							
											Bed Material Composition								Bed Material Composition		
Sl.No.	Date of collection	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)	MAX SIZE (mm)	MIN. 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)	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 2016 18/11/2016																				
1	18/11/2016	22	23	5.000	5.895	-	-	-	-	-	7.0	0.060	0.56								
2	18/11/2016	32	24	5.000	5.805	-	-	-	-	-	9.0	0.060	0.68	Stagnant Water					10.0	0.060	0.637
3	18/11/2016	42	25	5.000	5.560	-	-	-	-	-	10.0	0.060	0.67								
	POST MONSOON 2017 09/01/2017																				
1	09/01/2017	22	49	5.000	5.925	-	-	-	-	-	15.0	0.060	0.76								
2	09/01/2017	32	50	5.000	5.805	-	-	-	-	-	13.0	0.060	1.01	River Bed Dry					16.0	0.060	0.917
3	09/01/2017	42	51	5.000	5.635	-	-	-	-	-	16.0	0.060	0.98								
	PRE MONSOON 2017 11/05/2017																				
1	11/05/2017	22	63	5.000	5.895	-	-	-	-	-	11.0	0.060	1.30								
2	11/05/2017	32	64	5.000	5.805	-	-	-	-	-	10.0	0.060	1.10	River Bed Dry					12.0	0.060	1.157
3	11/05/2017	42	65	5.000	5.560	-	-	-	-	-	12.0	0.060	1.07								

Annual Sediment Load for period : 1973-2017

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

Local River : Cauvery **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
2012-2013	42990	8367	51357	2911

Annual Sediment Load for period : 1973-2017

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

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

2013-2014	163350	13739	177089	5883
2014-2015	70319	24493	94812	4877
2015-2016	60898	28504	89402	4562
2016-2017	19973	20	19994	1056

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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	6.679	0.000	0.000	0.004	0.004	2	6.389	0.000	0.000	0.000	0.000	0	86.41	0.001	0.001	0.010	0.013	93
2	6.679	0.000	0.000	0.000	0.000	0	9.167	0.000	0.000	0.006	0.006	5	79.01	0.002	0.001	0.014	0.017	113
3	6.476	0.000	0.000	0.000	0.000	0	7.532	0.000	0.000	0.005	0.005	3	63.93	0.000	0.000	0.004	0.004	24
4	6.276	0.000	0.000	0.000	0.000	0	3.102	0.000	0.000	0.000	0.000	0	52.75	0.000	0.000	0.020	0.020	90
5	6.276	0.000	0.000	0.014	0.014	8	2.973	0.000	0.000	0.004	0.004	1	44.79	0.000	0.000	0.019	0.019	72
6	4.809	0.000	0.000	0.011	0.011	5	2.269	0.000	0.000	0.000	0.000	0	13.58	0.000	0.000	0.002	0.002	2
7	5.673	0.000	0.000	0.010	0.010	5	1.720	0.000	0.000	0.000	0.000	0	8.907	0.000	0.000	0.002	0.002	1
8	3.910	0.000	0.000	0.011	0.011	4	3.203	0.000	0.000	0.005	0.005	1	7.161	0.000	0.000	0.002	0.002	1
9	3.391	0.000	0.000	0.002	0.002	0	3.236	0.000	0.000	0.001	0.001	0	4.392	0.000	0.000	0.001	0.001	1
10	3.230	0.000	0.000	0.003	0.003	1	3.032	0.000	0.000	0.001	0.001	0	5.573	0.000	0.000	0.001	0.001	1
11	2.965	0.000	0.000	0.002	0.002	0	4.966	0.000	0.000	0.005	0.005	2	4.971	0.000	0.000	0.002	0.002	1
12	3.161	0.000	0.000	0.002	0.002	0	5.828	0.000	0.000	0.003	0.003	2	4.887	0.000	0.000	0.002	0.002	1
13	2.370	0.000	0.000	0.009	0.009	2	6.389	0.000	0.000	0.004	0.004	2	4.728	0.000	0.000	0.005	0.005	2
14	2.247	0.000	0.000	0.008	0.008	2	3.406	0.000	0.000	0.001	0.001	0	4.392	0.000	0.000	0.004	0.004	1
15	2.144	0.000	0.000	0.002	0.002	0	2.267	0.000	0.000	0.005	0.005	1	4.651	0.000	0.000	0.005	0.005	2
16	2.134	0.000	0.000	0.013	0.013	2	2.265	0.000	0.000	0.001	0.001	0	3.462	0.000	0.000	0.001	0.001	0
17	2.307	0.000	0.000	0.007	0.007	1	2.108	0.000	0.000	0.001	0.001	0	3.089	0.000	0.000	0.003	0.003	1
18	2.222	0.000	0.000	0.007	0.007	1	2.111	0.000	0.000	0.001	0.001	0	2.862	0.000	0.000	0.001	0.001	0
19	1.908	0.000	0.000	0.002	0.002	0	1.540	0.000	0.000	0.002	0.002	0	2.736	0.000	0.000	0.002	0.002	0
20	2.020	0.000	0.000	0.004	0.004	1	1.345	0.000	0.000	0.002	0.002	0	2.732	0.000	0.000	0.001	0.001	0
21	1.897	0.000	0.000	0.008	0.008	1	2.007	0.000	0.000	0.001	0.001	0	2.076	0.000	0.000	0.002	0.002	0
22	1.844	0.000	0.000	0.006	0.006	1	2.353	0.000	0.000	0.001	0.001	0	2.363	0.000	0.000	0.001	0.001	0
23	1.437	0.000	0.000	0.005	0.005	1	3.957	0.000	0.000	0.004	0.004	1	2.120	0.000	0.000	0.006	0.006	1
24	1.658	0.000	0.000	0.005	0.005	1	4.809	0.000	0.000	0.003	0.003	1	1.915	0.000	0.000	0.001	0.001	0
25	1.768	0.000	0.000	0.011	0.011	2	5.428	0.000	0.000	0.002	0.002	1	1.912	0.000	0.000	0.001	0.001	0
26	1.720	0.000	0.000	0.010	0.010	1	6.140	0.000	0.000	0.002	0.002	1	1.621	0.000	0.000	0.006	0.006	1
27	1.532	0.000	0.000	0.003	0.003	0	21.30	0.004	0.011	0.020	0.034	63	2.687	0.000	0.000	0.007	0.007	2
28	1.650	0.000	0.000	0.002	0.002	0	165.1	0.004	0.001	0.030	0.035	502	3.010	0.000	0.000	0.008	0.008	2
29	1.596	0.000	0.000	0.003	0.003	0	188.1	0.001	0.001	0.013	0.015	244	2.177	0.000	0.000	0.006	0.006	1
30	1.412	0.000	0.000	0.002	0.002	0	150.9	0.001	0.002	0.011	0.013	172	1.904	0.000	0.000	0.011	0.011	2
31							141.8	0.001	0.001	0.011	0.013	159	1.895	0.000	0.000	0.012	0.012	2
Ten Daily Mean																		
Ten Daily I	5.340	0.000	0.000	0.005	0.005	2	4.262	0.000	0.000	0.002	0.002	1	36.65	0.000	0.000	0.007	0.008	40
Ten Daily II	2.348	0.000	0.000	0.006	0.006	1	3.222	0.000	0.000	0.002	0.002	1	3.851	0.000	0.000	0.002	0.002	1
Ten Daily III	1.651	0.000	0.000	0.005	0.005	1	62.90	0.001	0.001	0.009	0.011	104	2.153	0.000	0.000	0.005	0.005	1
Monthly																		
Total						43						1164						419

Annual Sediment Load (Metric Tonnes) : 19994

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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	2.008	0.000	0.000	0.003	0.003	1	209.7	0.014	0.015	0.009	0.038	690	87.50	0.001	0.002	0.007	0.009	69
2	1.563	0.000	0.000	0.002	0.002	0	224.1	0.007	0.010	0.012	0.029	552	62.59	0.001	0.002	0.015	0.017	91
3	1.678	0.000	0.000	0.001	0.001	0	209.7	0.005	0.003	0.013	0.021	382	58.56	0.002	0.002	0.020	0.024	120
4	1.606	0.000	0.000	0.001	0.001	0	230.9	0.004	0.007	0.013	0.024	481	62.12	0.001	0.001	0.012	0.013	70
5	1.606	0.000	0.000	0.001	0.001	0	193.6	0.010	0.004	0.009	0.023	381	45.36	0.001	0.001	0.005	0.006	24
6	1.369	0.000	0.000	0.001	0.001	0	191.8	0.014	0.005	0.009	0.028	469	52.50	0.001	0.001	0.002	0.004	18
7	1.233	0.000	0.000	0.001	0.001	0	213.3	0.002	0.007	0.005	0.014	252	50.09	0.001	0.001	0.003	0.005	20
8	1.727	0.000	0.000	0.001	0.001	0	205.4	0.006	0.008	0.007	0.021	380	47.75	0.001	0.001	0.007	0.009	37
9	1.841	0.000	0.000	0.001	0.001	0	206.1	0.007	0.008	0.007	0.022	385	47.75	0.001	0.001	0.014	0.015	61
10	1.864	0.000	0.000	0.001	0.001	0	238.9	0.012	0.008	0.010	0.030	611	39.68	0.002	0.001	0.004	0.006	22
11	3.010	0.000	0.000	0.001	0.001	0	254.0	0.014	0.008	0.012	0.033	733	33.51	0.004	0.002	0.015	0.021	60
12	2.926	0.000	0.000	0.001	0.001	0	242.9	0.012	0.008	0.011	0.031	642	51.69	0.001	0.001	0.005	0.007	30
13	2.808	0.000	0.000	0.001	0.001	0	236.0	0.002	0.002	0.016	0.019	394	44.72	0.001	0.001	0.005	0.006	23
14	2.719	0.000	0.000	0.001	0.001	0	261.6	0.003	0.004	0.013	0.019	432	20.78	0.001	0.001	0.002	0.003	6
15	2.549	0.000	0.000	0.002	0.002	0	499.6	0.000	0.000	0.019	0.019	833	29.06	0.001	0.001	0.003	0.004	10
16	2.619	0.000	0.000	0.001	0.001	0	417.8	0.003	0.001	0.015	0.018	632	14.67	0.001	0.001	0.009	0.010	13
17	2.818	0.000	0.000	0.001	0.001	0	432.2	0.002	0.001	0.015	0.018	665	3.766	0.001	0.002	0.004	0.007	2
18	2.613	0.000	0.000	0.000	0.000	0	304.0	0.001	0.001	0.007	0.009	244	3.995	0.001	0.001	0.005	0.007	2
19	2.967	0.000	0.000	0.001	0.001	0	311.1	0.001	0.001	0.010	0.012	314	3.335	0.001	0.001	0.004	0.006	2
20	3.443	0.000	0.000	0.001	0.001	0	312.5	0.001	0.001	0.010	0.011	300	3.496	0.001	0.001	0.005	0.007	2
21	3.151	0.000	0.000	0.001	0.001	0	275.3	0.001	0.001	0.010	0.011	271	2.773	0.002	0.001	0.001	0.003	1
22	3.345	0.000	0.000	0.002	0.002	1	314.0	0.001	0.001	0.010	0.011	288	2.268	0.001	0.001	0.003	0.005	1
23	287.9	0.003	0.004	0.043	0.050	1246	253.4	0.001	0.001	0.006	0.008	164	2.991	0.001	0.001	0.004	0.006	2
24	308.8	0.011	0.006	0.030	0.046	1238	240.2	0.001	0.001	0.005	0.007	139	2.733	0.001	0.001	0.003	0.005	1
25	294.6	0.010	0.006	0.028	0.044	1125	235.4	0.001	0.001	0.010	0.012	250	2.548	0.001	0.001	0.002	0.004	1
26	303.4	0.004	0.006	0.014	0.025	645	213.3	0.000	0.001	0.007	0.008	155	2.391	0.001	0.001	0.002	0.003	1
27	297.1	0.001	0.005	0.004	0.010	267	234.9	0.000	0.001	0.012	0.013	262	2.362	0.001	0.001	0.002	0.003	1
28	259.9	0.009	0.005	0.012	0.025	566	216.3	0.000	0.001	0.008	0.009	164	2.291	0.000	0.000	0.003	0.003	1
29	257.0	0.002	0.009	0.013	0.024	535	227.1	0.000	0.001	0.008	0.009	184	2.109	0.000	0.000	0.006	0.006	1
30	239.9	0.001	0.003	0.013	0.017	346	83.13	0.001	0.001	0.001	0.002	16	2.073	0.000	0.000	0.005	0.005	1
31							87.77	0.001	0.001	0.001	0.003	19						
Ten Daily Mean																		
Ten Daily I	1.650	0.000	0.000	0.001	0.001	0	212.3	0.008	0.007	0.009	0.025	458	55.39	0.001	0.001	0.009	0.011	53
Ten Daily II	2.847	0.000	0.000	0.001	0.001	0	327.2	0.004	0.002	0.013	0.019	519	20.90	0.001	0.001	0.006	0.008	15
Ten Daily III	225.5	0.004	0.004	0.016	0.025	597	216.4	0.000	0.001	0.007	0.008	174	2.454	0.001	0.001	0.003	0.004	1
Monthly Total						5973						11684						691

Annual Sediment Load (Metric Tonnes) : 19994

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : MUSIRI (CC000G4) | **Division : SR Division, Coimbatore**

Local River : Cauvery | **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	1.872	0.000	0.000	0.001	0.001	0	1.426	0.000	0.000	0.003	0.003	0	0.268	0.000	0.000	0.007	0.007	0
2	3.113	0.000	0.000	0.001	0.001	0	1.155	0.000	0.000	0.007	0.007	1	0.295	0.000	0.000	0.002	0.002	0
3	3.354	0.000	0.000	0.001	0.001	0	1.066	0.000	0.000	0.002	0.002	0	0.297	0.000	0.000	0.002	0.002	0
4	3.195	0.000	0.000	0.001	0.001	0	1.033	0.000	0.000	0.002	0.002	0	0.264	0.000	0.000	0.005	0.005	0
5	2.758	0.000	0.000	0.002	0.002	0	0.889	0.000	0.000	0.007	0.007	1	0.254	0.000	0.000	0.005	0.005	0
6	2.444	0.000	0.000	0.001	0.001	0	0.803	0.000	0.000	0.008	0.008	1	0.210	0.000	0.000	0.003	0.003	0
7	2.253	0.000	0.000	0.002	0.002	0	0.830	0.000	0.000	0.003	0.003	0	0.175	0.000	0.000	0.003	0.003	0
8	1.999	0.000	0.000	0.001	0.001	0	0.886	0.000	0.000	0.004	0.004	0	0.177	0.000	0.000	0.002	0.002	0
9	1.838	0.000	0.000	0.003	0.003	0	0.866	0.000	0.000	0.003	0.003	0	0.152	0.000	0.000	0.005	0.005	0
10	1.598	0.000	0.000	0.006	0.006	1	0.826	0.000	0.000	0.002	0.002	0	0.144	0.000	0.000	0.003	0.003	0
11	1.889	0.000	0.000	0.007	0.007	1	0.736	0.000	0.000	0.003	0.003	0	0.089	0.000	0.000	0.005	0.005	0
12	1.656	0.000	0.000	0.004	0.004	1	0.733	0.000	0.000	0.003	0.003	0	0.091	0.000	0.000	0.004	0.004	0
13	1.840	0.000	0.000	0.006	0.006	1	0.509	0.000	0.000	0.006	0.006	0	0.067	0.000	0.000	0.013	0.013	0
14	1.327	0.000	0.000	0.003	0.003	0	0.447	0.000	0.000	0.005	0.005	0	0.064	0.000	0.000	0.007	0.007	0
15	1.306	0.000	0.000	0.003	0.003	0	0.447	0.000	0.000	0.005	0.005	0	0.069	0.000	0.000	0.007	0.007	0
16	1.288	0.000	0.000	0.001	0.001	0	0.499	0.000	0.000	0.003	0.003	0	0.068	0.000	0.000	0.004	0.004	0
17	1.291	0.000	0.000	0.011	0.011	1	0.487	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
18	1.383	0.000	0.000	0.011	0.011	1	0.501	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
19	1.160	0.000	0.000	0.011	0.011	1	0.441	0.000	0.000	0.007	0.007	0	0.000	0.000	0.000	0.000	0.000	0
20	0.866	0.000	0.000	0.004	0.004	0	0.457	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
21	0.898	0.000	0.000	0.001	0.001	0	0.590	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
22	0.935	0.000	0.000	0.001	0.001	0	0.447	0.000	0.000	0.004	0.004	0	0.000	0.000	0.000	0.000	0.000	0
23	0.795	0.000	0.000	0.001	0.001	0	0.558	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
24	0.838	0.000	0.000	0.002	0.002	0	0.495	0.000	0.000	0.007	0.007	0	0.000	0.000	0.000	0.000	0.000	0
25	0.852	0.000	0.000	0.002	0.002	0	0.466	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
26	1.062	0.000	0.000	0.001	0.001	0	0.377	0.000	0.000	0.004	0.004	0	0.000	0.000	0.000	0.000	0.000	0
27	1.039	0.000	0.000	0.002	0.002	0	0.495	0.000	0.000	0.004	0.004	0	0.000	0.000	0.000	0.000	0.000	0
28	1.292	0.000	0.000	0.002	0.002	0	0.607	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0
29	1.497	0.000	0.000	0.003	0.003	0	0.605	0.000	0.000	0.002	0.002	0						
30	1.547	0.000	0.000	0.002	0.002	0	0.465	0.000	0.000	0.002	0.002	0						
31	1.436	0.000	0.000	0.003	0.003	0	0.362	0.000	0.000	0.005	0.005	0						
Ten Daily Mean																		
Ten Daily I	2.442	0.000	0.000	0.002	0.002	0	0.978	0.000	0.000	0.004	0.004	0	0.224	0.000	0.000	0.004	0.004	0
Ten Daily II	1.401	0.000	0.000	0.006	0.006	1	0.526	0.000	0.000	0.005	0.005	0	0.045	0.000	0.000	0.004	0.004	0
Ten Daily III	1.108	0.000	0.000	0.002	0.002	0	0.497	0.000	0.000	0.004	0.004	0	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						12						7						1

Annual Sediment Load (Metric Tonnes) : 19994

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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) : 19994

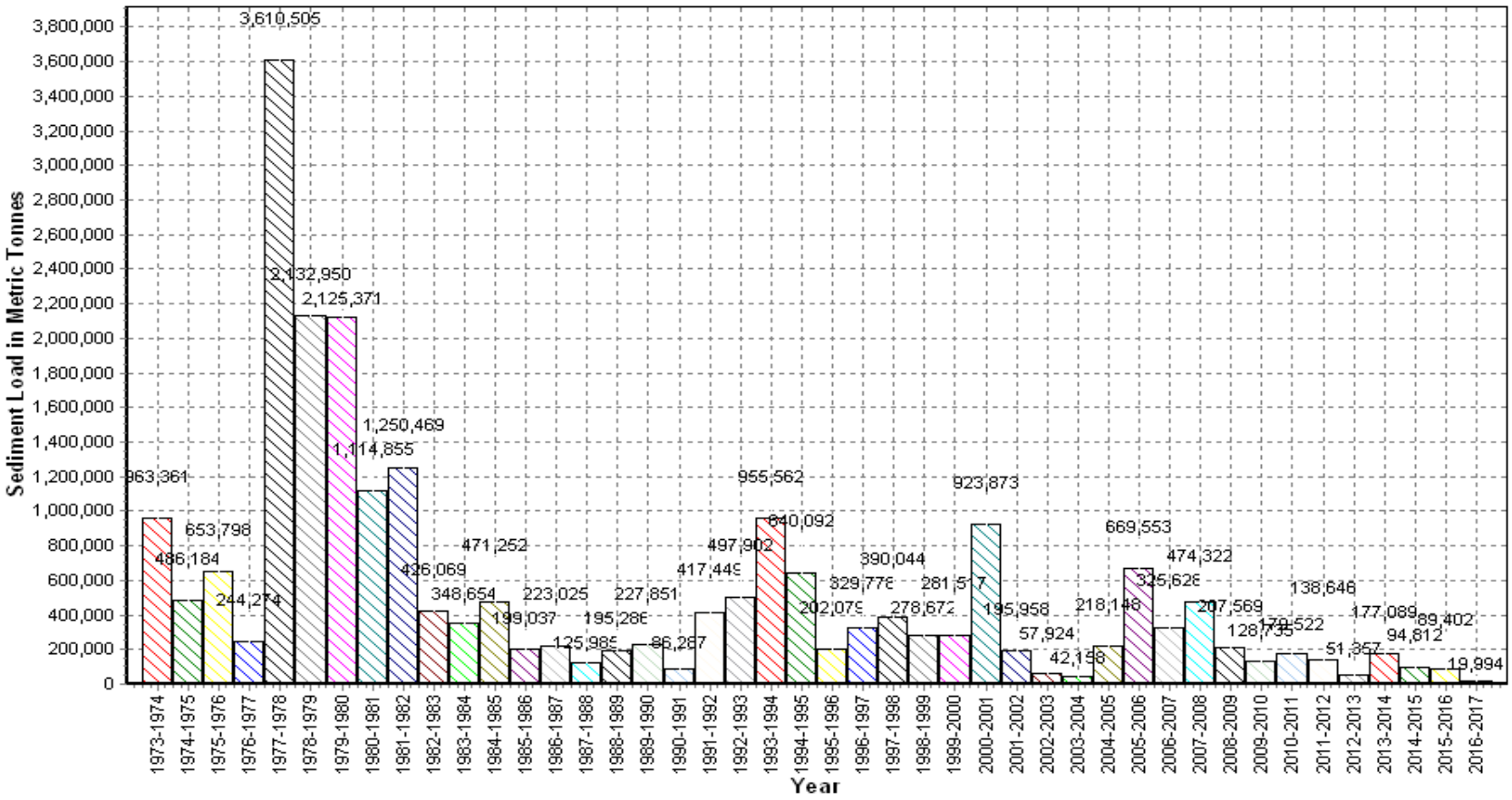
Annual Sediment Load for the period: 1973-2017

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



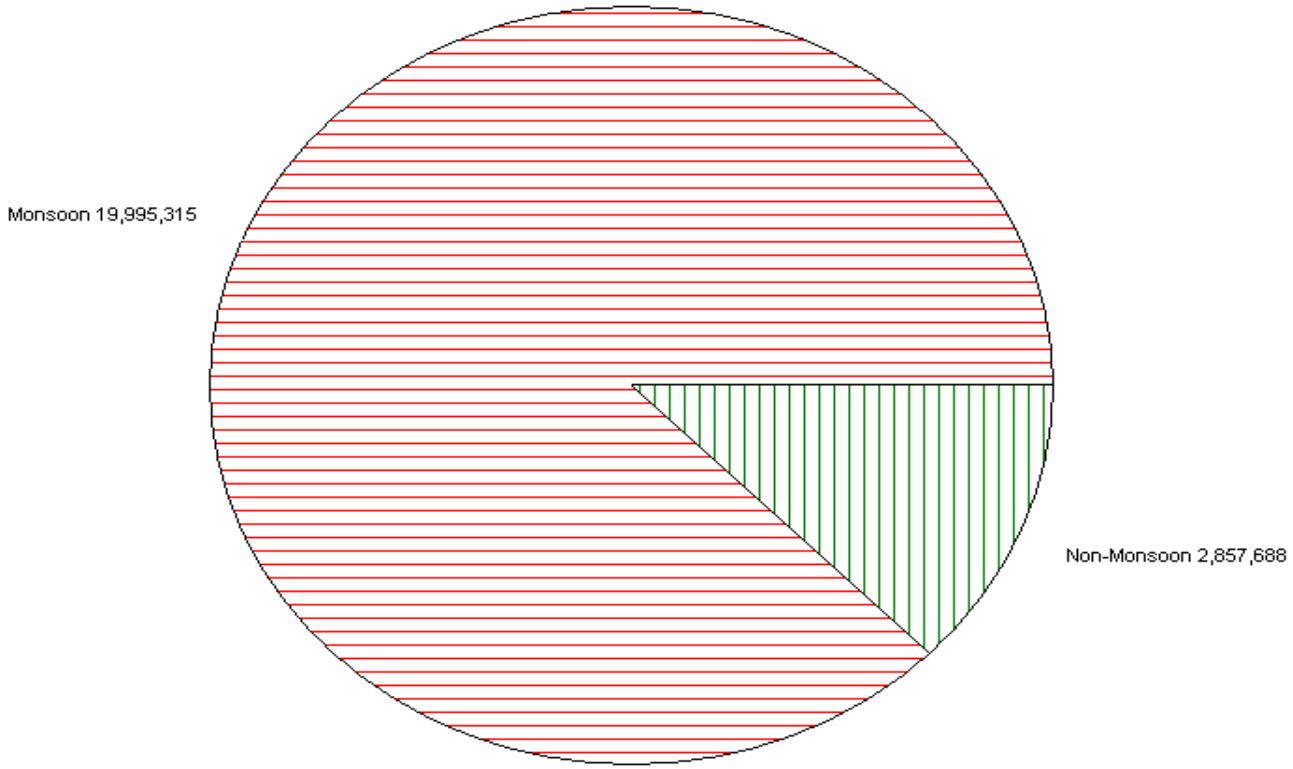
Seasonal Sediment Load for the period : 1973-2016

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

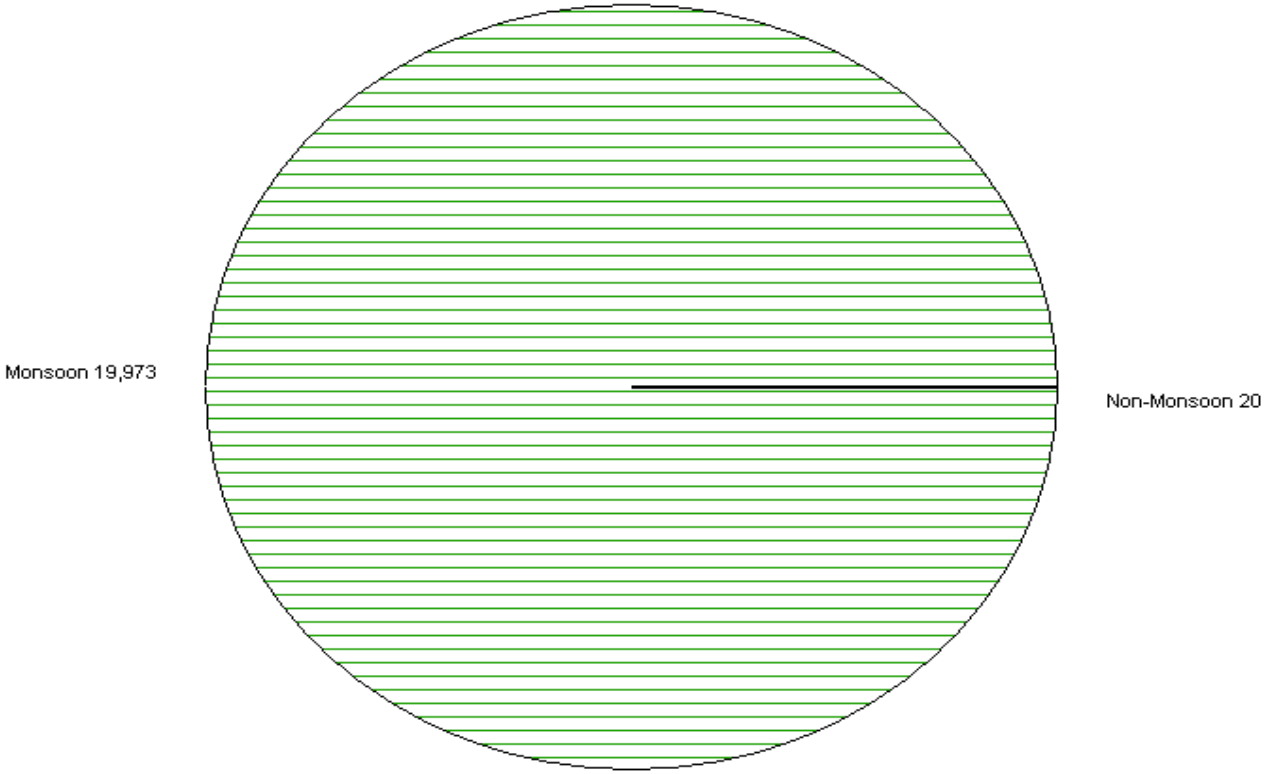
Sub-Division : Lower Cauvery SD, Trichi



Seasonal Sediment Load for the Year: 2016-2017

Station Name : MUSIRI (CC000G4)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : **CAUVERY** **CODE No.** : **CC000G4**

SITE : **MUSIRI** **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 2016								**DATE OF COLLECTION**			**28/11/2016**						
1	150	82.725	River Bed is not dry but water flows through in between RD'S						12.0	0.85							
2	300	81.565							4.5	0.67							
3	450	81.700							4.5	0.61							
4	600	81.005							11.0	1.41							
5	750	81.020							4.5	0.63							
6	900	80.855							9.0	0.83							
7	1050	81.240							12.0	1.30							
8	1200	82.020							15.0	1.32	51.144	0.3315	0.1347	0.00073	2.297	15.0	0.95
POST MONSOON 2016								**DATE OF COLLECTION**			**20/01/2017**						
1	150	82.745	River Bed is not dry but water flows through in between RD'S						8.0	0.65							
2	300	81.540							5.0	0.67							
3	450	81.575							13.0	1.12							
4	600	80.845							12.0	0.68							
5	750	81.200							6.0	0.62							
6	900	80.785							10.0	1.01							
7	1050	81.290							11.0	1.16							
8	1200	81.875							15.0	1.49	15.00	0.438	0.059	0.00070	0.458	15.0	0.93
PRE MONSOON 2017								**DATE OF COLLECTION**			**01/05/2017**						
1	150	82.680	River Bed Dry						6.0	0.71	River Bed Dry						
2	300	81.650							5.0	0.69							
3	450	81.810							11.0	1.22							
4	600	80.855							9.0	1.08							
5	750	81.215							5.0	1.05							
6	900	80.595							7.0	0.56							
7	1050	81.140							4.0	0.53							
8	1200	82.070							22.0	2.46						22.0	1.04

Annual Sediment Load for period : 1980-2017

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

Local River : Amaravathi **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

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Amaravathi **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	57.48	0.000	0.000	0.060	0.060	296	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	30.52	0.000	0.000	0.039	0.039	102	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	5.698	0.000	0.000	0.019	0.019	9	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.834	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	1.318	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	8.800	0.000	0.000	0.010	0.010	40	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	0.785	0.000	0.000	0.002	0.002	1	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						407						0

Annual Sediment Load (Metric Tonnes) : 407

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Amaravathi **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	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) : 407

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Amaravathi **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	0.000	0.000	0.000	0.000	0.000	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) : 407

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

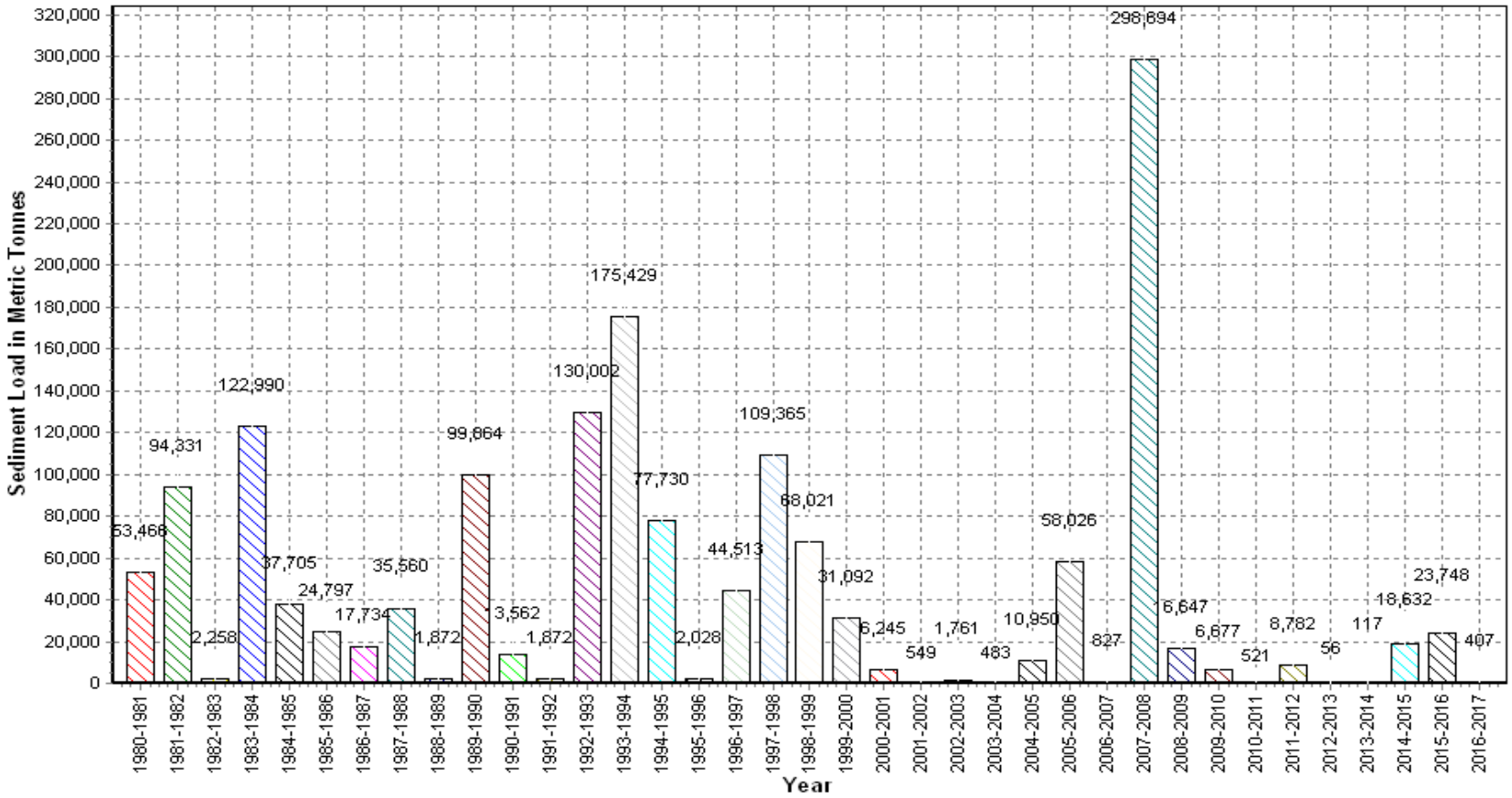
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	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) : 407

Annual Sediment Load for the period: 1980-2017

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

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



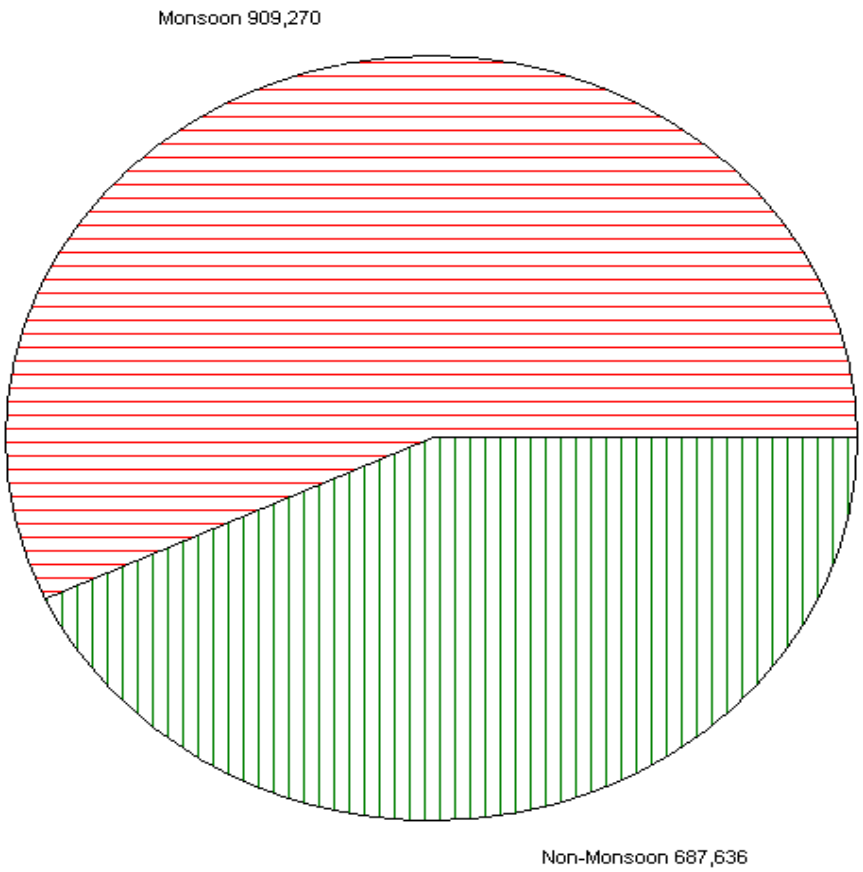
Seasonal Sediment Load for the period : 1980-2016

Station Name : NALLAMARANPATTY (CCD00D5)

Local River : Amaravathi

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



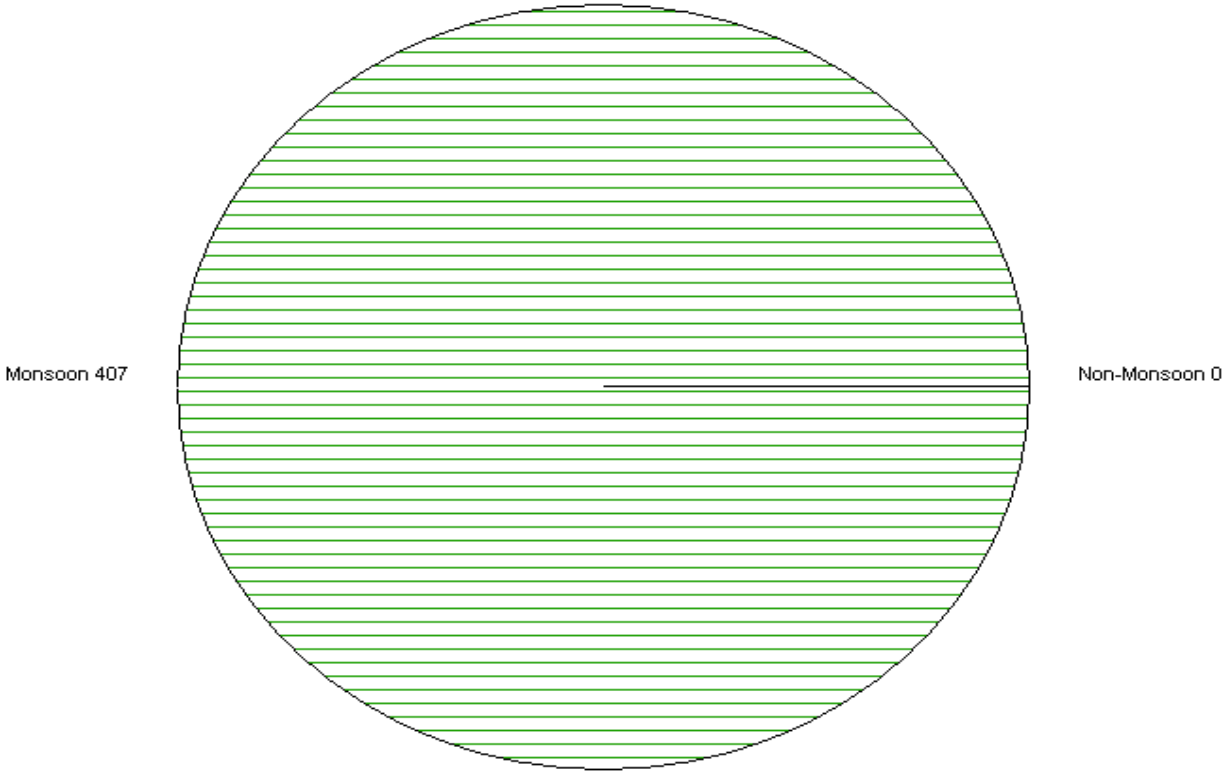
Seasonal Sediment Load for the Year: 2016-2017

Station Name : NALLAMARANPATTY (CCD00D5)

Local River : Amaravathi

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : AMARAVATHY **CODE No. : CCD00D5**

SITE : NALLAMARANPATTY **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 2016									DATE OF COLLECTION								
1	50	Sample Not Collected															
2	100																
3	150																
4	200																
POST MONSOON 2017									DATE OF COLLECTION		27/12/2017						
1	50	131.485	River bed Dry						9.0	0.36	River bed Dry						
2	100	127.875							9.0	0.74							
3	150	127.780							10.0	0.73							
4	200	128.015							7.0	0.62						10.0	0.61
PRE MONSOON 2017									DATE OF COLLECTION		09/05/2017						
1	50	131.470	River bed Dry						8.0	0.34	River bed Dry						
2	100	127.850							10.0	0.80							
3	150	127.835							11.0	0.75							
4	200	127.990							10.0	0.74						11.0	0.66

Annual Sediment Load for period : 2013-2017

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

Local River : Noyyal **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

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Noyyal **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) : 0

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Noyyal **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	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 : 2016-2017

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

Local River : Noyyal **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	0.000	0.000	0.000	0.000	0.000	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 : 2016-2017

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

Local River : Noyyal **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	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

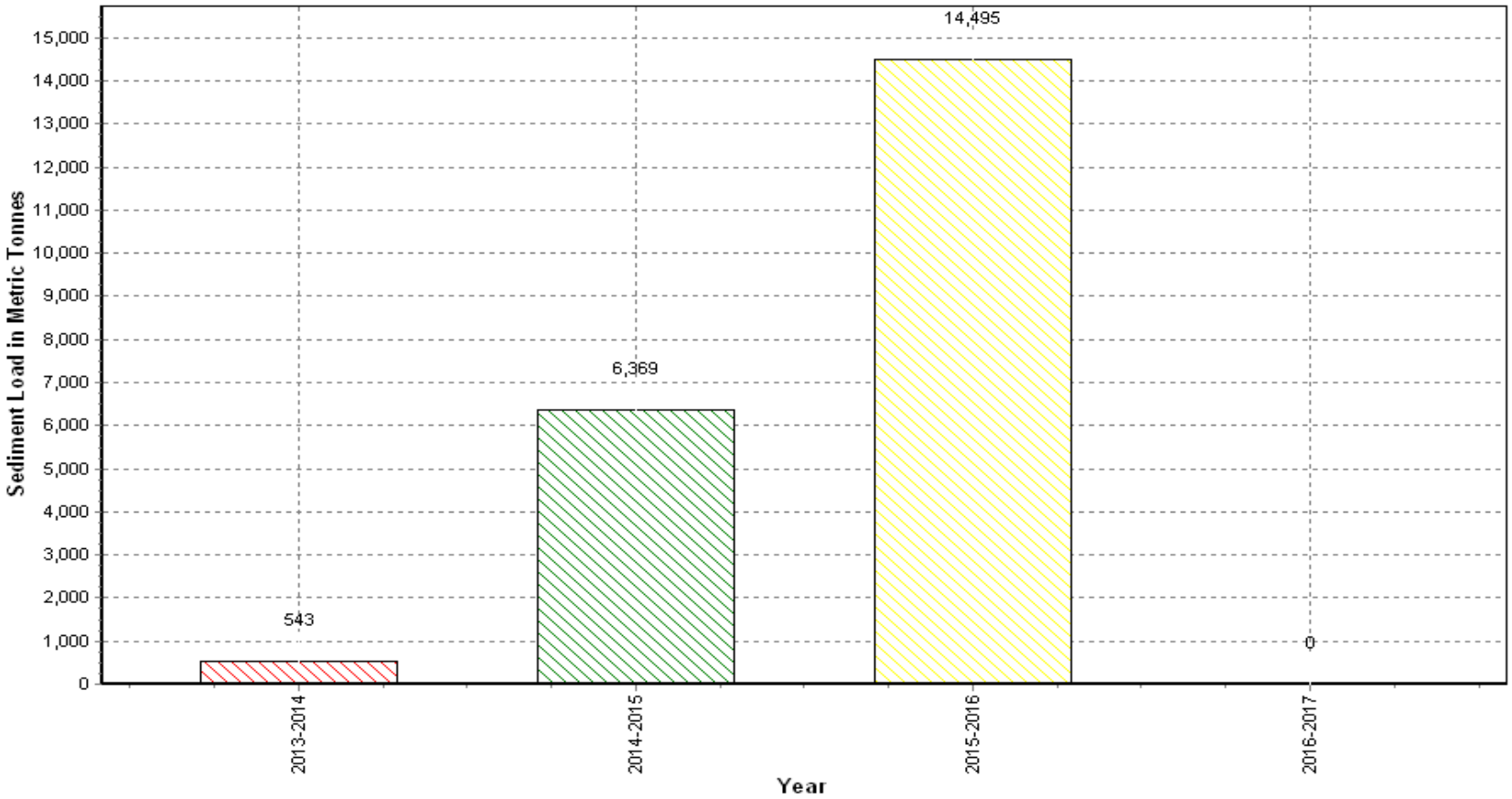
Annual Sediment Load for the period: 2013-2017

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



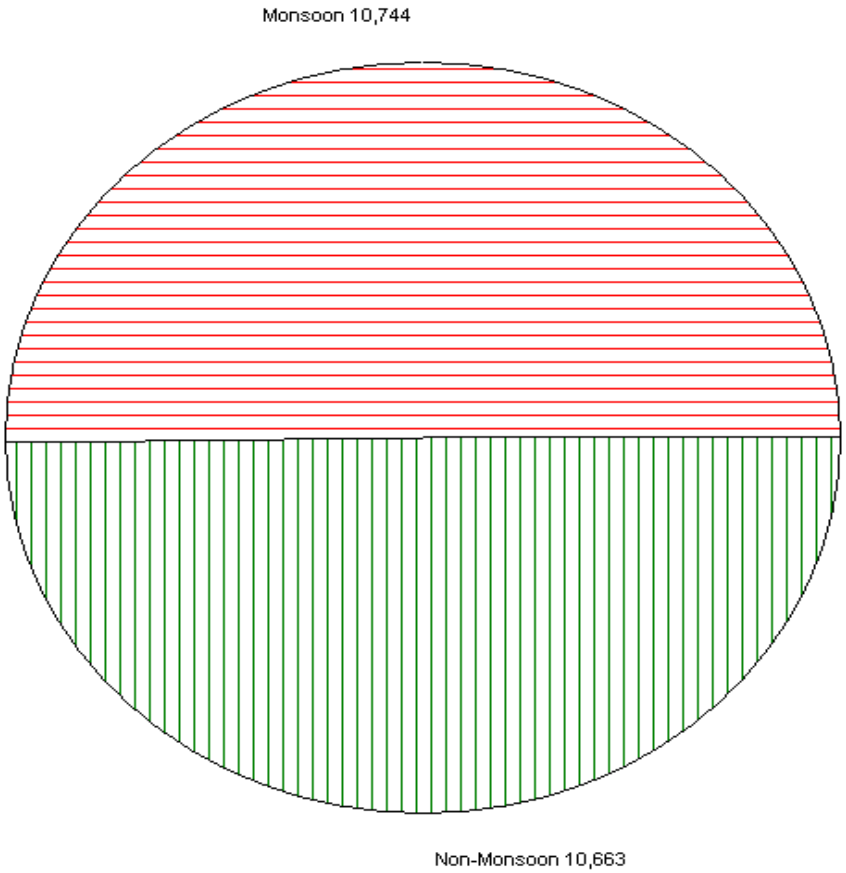
Seasonal Sediment Load for the period : 2013-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichy



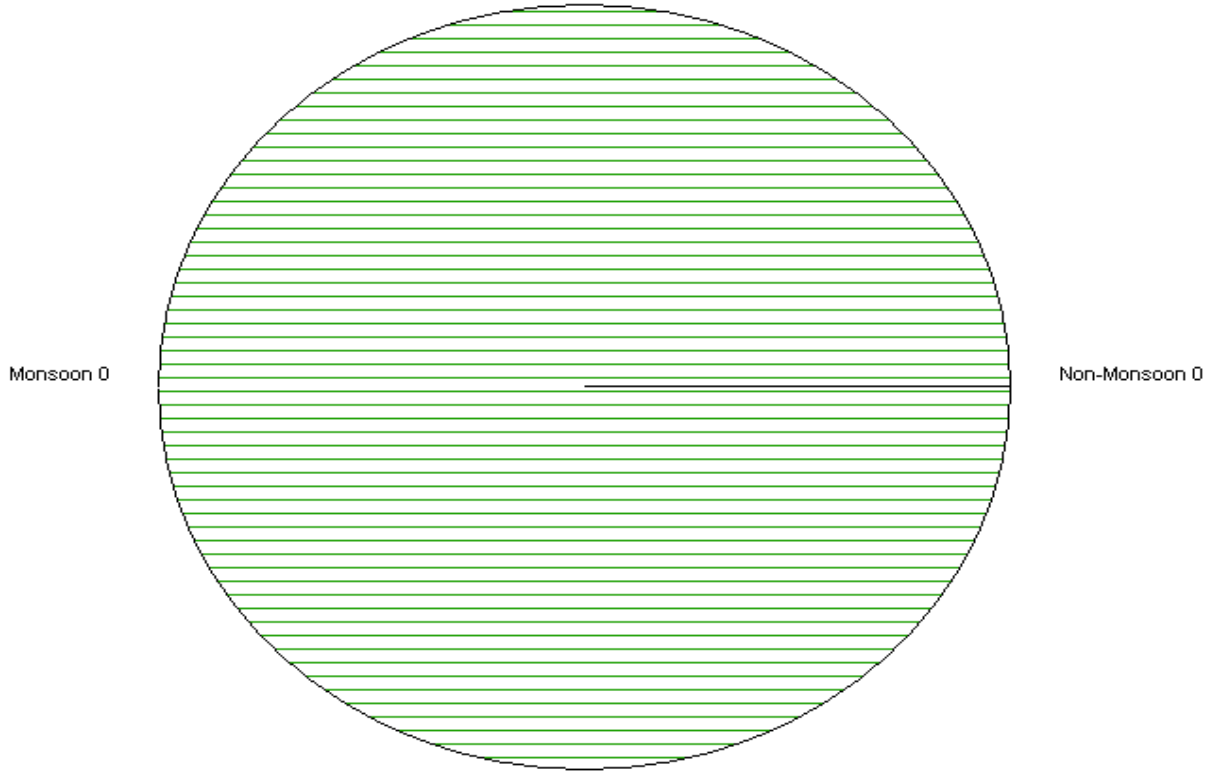
Seasonal Sediment Load for the Year: 2016-2017

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

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						
	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 2016							**DATE OF COLLECTION**										
1	50	Sample Not Collected															
2	75																
3	100																
4	125																
5	150																
POST MONSOON 2016							**DATE OF COLLECTION**				**13/02/2017**						
1	50	129.920	River Bed Dry						11.0	0.67	River Bed Dry						
2	75	129.625							10.0	1.51							
3	100	131.040							11.0	2.15							
4	125	131.920							8.0	0.56							
5	150	133.385							9.0	0.61						11.0	1.10
PRE MONSOON 2017							**DATE OF COLLECTION**				**05/05/2017**						
1	50	129.900	River Bed Dry						9.0	0.65	River Bed Dry						
2	75	129.615							10.0	1.51							
3	100	131.040							17.0	1.51							
4	125	131.800							9.0	0.74							
5	150	133.360							9.0	0.41						17.0	0.96

Annual Sediment Load for period : 1973-2017

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

Local River : Cauvery **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
2012-2013	63730	16667	80397	3697

Annual Sediment Load for period : 1973-2017

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

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

2013-2014	148505	20480	168985	6644
2014-2015	98153	34687	132840	6176
2015-2016	24291	7055	31346	5227
2016-2017	19901	351	20251	1586

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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	4.474	0.000	0.000	0.000	0.000	0	10.69	0.000	0.000	0.007	0.007	7	119.7	0.000	0.000	0.011	0.011	111
2	5.734	0.000	0.000	0.008	0.008	4	3.012	0.000	0.000	0.000	0.000	0	85.94	0.000	0.000	0.011	0.011	82
3	5.549	0.000	0.000	0.011	0.011	5	2.610	0.000	0.000	0.000	0.000	0	53.27	0.000	0.000	0.005	0.005	23
4	3.984	0.000	0.000	0.000	0.000	0	1.467	0.000	0.000	0.000	0.000	0	9.672	0.000	0.000	0.004	0.004	3
5	2.610	0.000	0.000	0.000	0.000	0	9.854	0.000	0.000	0.007	0.007	6	10.76	0.000	0.000	0.005	0.005	5
6	1.305	0.000	0.000	0.000	0.000	0	8.447	0.000	0.000	0.006	0.006	4	1.871	0.000	0.000	0.000	0.000	0
7	1.417	0.000	0.000	0.000	0.000	0	8.336	0.000	0.000	0.005	0.005	4	1.563	0.000	0.000	0.000	0.000	0
8	5.882	0.000	0.000	0.007	0.007	4	11.76	0.000	0.000	0.006	0.006	6	0.200	0.000	0.000	0.000	0.000	0
9	10.26	0.000	0.000	0.006	0.006	6	8.519	0.000	0.000	0.006	0.006	4	0.168	0.000	0.000	0.000	0.000	0
10	11.43	0.000	0.000	0.009	0.009	8	9.330	0.000	0.000	0.006	0.006	5	0.210	0.000	0.000	0.000	0.000	0
11	9.817	0.000	0.000	0.005	0.005	4	9.708	0.000	0.000	0.006	0.006	5	0.266	0.000	0.000	0.000	0.000	0
12	9.330	0.000	0.000	0.005	0.005	4	10.68	0.000	0.000	0.007	0.007	6	0.181	0.000	0.000	0.000	0.000	0
13	4.626	0.000	0.000	0.000	0.000	0	11.67	0.000	0.000	0.008	0.008	8	0.212	0.000	0.000	0.000	0.000	0
14	1.437	0.000	0.000	0.000	0.000	0	14.40	0.000	0.000	0.008	0.008	10	0.152	0.000	0.000	0.000	0.000	0
15	0.701	0.000	0.000	0.000	0.000	0	14.92	0.000	0.000	0.009	0.009	11	0.219	0.000	0.000	0.000	0.000	0
16	0.506	0.000	0.000	0.000	0.000	0	32.77	0.000	0.000	0.010	0.010	29	0.000	0.000	0.000	0.000	0.000	0
17	1.454	0.000	0.000	0.000	0.000	0	27.56	0.000	0.000	0.009	0.009	22	0.000	0.000	0.000	0.000	0.000	0
18	10.27	0.000	0.000	0.005	0.005	5	31.66	0.000	0.000	0.010	0.010	28	8.355	0.000	0.000	0.005	0.005	3
19	9.330	0.000	0.000	0.005	0.005	4	45.59	0.000	0.000	0.011	0.011	41	9.794	0.000	0.000	0.005	0.005	4
20	9.607	0.000	0.000	0.005	0.005	4	33.77	0.000	0.000	0.013	0.013	38	9.885	0.000	0.000	0.007	0.007	6
21	9.773	0.000	0.000	0.008	0.008	7	15.01	0.000	0.000	0.011	0.011	15	8.390	0.000	0.000	0.006	0.006	4
22	10.18	0.000	0.000	0.006	0.006	5	16.88	0.000	0.000	0.013	0.013	19	7.839	0.000	0.000	0.006	0.006	4
23	10.20	0.000	0.000	0.007	0.007	6	15.10	0.000	0.000	0.011	0.011	14	7.564	0.000	0.000	0.006	0.006	4
24	10.72	0.000	0.000	0.008	0.008	7	14.87	0.000	0.000	0.011	0.011	14	6.736	0.000	0.000	0.005	0.005	3
25	10.78	0.000	0.000	0.008	0.008	8	15.79	0.000	0.000	0.011	0.011	16	7.505	0.000	0.000	0.007	0.007	4
26	10.39	0.000	0.000	0.006	0.006	5	182.6	0.000	0.000	0.000	0.000	0	7.154	0.000	0.000	0.006	0.006	4
27	10.69	0.000	0.000	0.008	0.008	7	188.9	0.000	0.000	0.000	0.000	0	8.587	0.000	0.000	0.006	0.006	5
28	11.29	0.000	0.000	0.009	0.009	8	176.4	0.000	0.000	0.000	0.000	0	13.55	0.000	0.000	0.007	0.007	9
29	15.32	0.000	0.000	0.009	0.009	12	188.9	0.000	0.000	0.000	0.000	0	12.12	0.000	0.000	0.007	0.007	7
30	10.76	0.000	0.000	0.007	0.007	6	120.3	0.000	0.000	0.013	0.013	132	2.791	0.000	0.000	0.000	0.000	0
31							105.2	0.000	0.000	0.011	0.011	101	3.060	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	5.265	0.000	0.000	0.004	0.004	3	7.403	0.000	0.000	0.004	0.004	4	28.33	0.000	0.000	0.004	0.004	22
Ten Daily II	5.708	0.000	0.000	0.002	0.002	2	23.27	0.000	0.000	0.009	0.009	20	2.906	0.000	0.000	0.002	0.002	1
Ten Daily III	11.01	0.000	0.000	0.008	0.008	7	94.55	0.000	0.000	0.007	0.007	28	7.754	0.000	0.000	0.005	0.005	4
Monthly Total						121						545						281

Annual Sediment Load (Metric Tonnes) : 20251

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : KODUMUDI (CC000I7) | **Division : SR Division, Coimbatore**

Local River : Cauvery | **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	8.608	0.000	0.000	0.006	0.006	5	370.5	0.001	0.003	0.016	0.020	640	97.23	0.000	0.000	0.010	0.010	86
2	5.074	0.000	0.000	0.000	0.000	0	364.3	0.002	0.003	0.015	0.019	611	96.25	0.000	0.000	0.011	0.011	88
3	6.790	0.000	0.000	0.006	0.006	3	361.5	0.002	0.003	0.015	0.019	600	96.97	0.000	0.000	0.011	0.011	94
4	14.73	0.000	0.000	0.014	0.014	17	347.9	0.001	0.002	0.014	0.018	526	98.16	0.000	0.000	0.011	0.011	90
5	9.324	0.000	0.000	0.009	0.009	7	348.8	0.001	0.003	0.015	0.020	597	101.4	0.000	0.000	0.011	0.011	100
6	10.84	0.000	0.000	0.010	0.010	9	367.7	0.002	0.003	0.016	0.021	674	130.3	0.000	0.000	0.011	0.011	118
7	7.844	0.000	0.000	0.008	0.008	6	353.5	0.001	0.003	0.015	0.019	577	117.8	0.000	0.000	0.011	0.011	111
8	7.023	0.000	0.000	0.009	0.009	5	379.1	0.002	0.003	0.007	0.012	377	119.9	0.000	0.000	0.012	0.012	121
9	8.450	0.000	0.000	0.009	0.009	7	390.4	0.002	0.003	0.007	0.012	398	30.05	0.000	0.000	0.010	0.010	25
10	7.988	0.000	0.000	0.009	0.009	6	384.8	0.003	0.001	0.012	0.017	565	97.31	0.000	0.000	0.010	0.010	87
11	10.82	0.000	0.000	0.010	0.010	10	368.6	0.000	0.000	0.004	0.004	137	31.49	0.000	0.000	0.009	0.009	24
12	10.59	0.000	0.000	0.010	0.010	9	343.4	0.000	0.000	0.003	0.004	122	13.88	0.000	0.000	0.007	0.007	9
13	7.505	0.000	0.000	0.008	0.008	5	385.9	0.000	0.000	0.004	0.005	150	3.514	0.000	0.000	0.002	0.002	1
14	8.101	0.000	0.000	0.008	0.008	6	535.6	0.001	0.001	0.002	0.004	162	2.494	0.000	0.000	0.001	0.001	0
15	7.621	0.000	0.000	0.009	0.009	6	471.5	0.000	0.001	0.004	0.005	191	2.925	0.000	0.000	0.000	0.000	0
16	5.743	0.000	0.000	0.009	0.009	4	607.1	0.000	0.001	0.005	0.006	320	1.570	0.000	0.000	0.000	0.000	0
17	9.946	0.000	0.000	0.010	0.010	8	374.4	0.000	0.001	0.003	0.004	120	0.352	0.000	0.000	0.000	0.000	0
18	7.505	0.000	0.000	0.007	0.007	5	379.6	0.000	0.001	0.003	0.005	157	0.000	0.000	0.000	0.000	0.000	0
19	3.002	0.000	0.000	0.000	0.000	0	374.3	0.000	0.000	0.004	0.005	146	0.000	0.000	0.000	0.000	0.000	0
20	1.830	0.000	0.000	0.000	0.000	0	377.7	0.000	0.000	0.002	0.002	78	0.000	0.000	0.000	0.000	0.000	0
21	153.2	0.000	0.000	0.000	0.000	0	380.3	0.001	0.003	0.015	0.019	637	0.000	0.000	0.000	0.000	0.000	0
22	364.0	0.002	0.003	0.016	0.021	648	367.1	0.001	0.003	0.015	0.019	590	0.000	0.000	0.000	0.000	0.000	0
23	389.6	0.001	0.003	0.015	0.020	667	347.5	0.001	0.003	0.014	0.018	534	4.183	0.000	0.000	0.000	0.000	0
24	391.8	0.002	0.003	0.016	0.021	707	342.4	0.001	0.003	0.014	0.018	524	48.43	0.000	0.000	0.010	0.010	43
25	390.1	0.002	0.003	0.016	0.021	701	354.2	0.002	0.002	0.014	0.018	548	6.799	0.000	0.000	0.008	0.008	5
26	379.1	0.003	0.003	0.015	0.020	662	360.1	0.002	0.003	0.014	0.019	576	6.919	0.000	0.000	0.008	0.008	5
27	376.1	0.002	0.003	0.015	0.020	656	338.2	0.001	0.002	0.014	0.017	506	52.05	0.000	0.000	0.058	0.058	260
28	365.8	0.002	0.003	0.014	0.019	597	316.7	0.001	0.003	0.013	0.017	452	6.367	0.000	0.000	0.008	0.008	5
29	353.1	0.001	0.003	0.014	0.018	546	126.0	0.000	0.000	0.010	0.010	111	4.700	0.000	0.000	0.007	0.007	3
30	332.7	0.001	0.003	0.014	0.018	529	132.0	0.000	0.000	0.010	0.011	120	31.19	0.000	0.000	0.010	0.010	27
31							96.95	0.000	0.000	0.009	0.009	78						
Ten Daily Mean																		
Ten Daily I	8.668	0.000	0.000	0.008	0.008	6	366.9	0.002	0.003	0.013	0.018	556	98.54	0.000	0.000	0.011	0.011	92
Ten Daily II	7.267	0.000	0.000	0.007	0.007	5	421.8	0.000	0.001	0.003	0.004	158	5.623	0.000	0.000	0.002	0.002	3
Ten Daily III	349.6	0.001	0.003	0.014	0.018	571	287.4	0.001	0.002	0.013	0.016	425	16.06	0.000	0.000	0.011	0.011	35
Monthly Total						5831						11821						1301

Annual Sediment Load (Metric Tonnes) : 20251

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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	6.625	0.000	0.000	0.008	0.008	4	2.239	0.000	0.000	0.004	0.004	1	6.136	0.000	0.000	0.010	0.010	5
2	5.932	0.000	0.000	0.007	0.007	4	0.737	0.000	0.000	0.000	0.000	0	5.477	0.000	0.000	0.010	0.010	5
3	2.855	0.000	0.000	0.000	0.000	0	5.552	0.000	0.000	0.009	0.009	4	4.668	0.000	0.000	0.009	0.009	4
4	8.748	0.000	0.000	0.004	0.004	3	5.522	0.000	0.000	0.008	0.008	4	5.863	0.000	0.000	0.009	0.009	5
5	14.08	0.000	0.000	0.007	0.007	8	7.106	0.000	0.000	0.009	0.009	6	5.369	0.000	0.000	0.006	0.006	3
6	1.583	0.000	0.000	0.000	0.000	0	10.02	0.000	0.000	0.010	0.010	9	6.044	0.000	0.000	0.011	0.011	6
7	13.54	0.000	0.000	0.005	0.005	6	9.905	0.000	0.000	0.010	0.010	8	5.504	0.000	0.000	0.010	0.010	5
8	2.001	0.000	0.000	0.000	0.000	0	8.748	0.000	0.000	0.011	0.011	8	4.998	0.000	0.000	0.008	0.008	4
9	0.734	0.000	0.000	0.000	0.000	0	9.329	0.000	0.000	0.010	0.010	8	4.989	0.000	0.000	0.009	0.009	4
10	6.838	0.000	0.000	0.008	0.008	5	8.822	0.000	0.000	0.010	0.010	8	4.106	0.000	0.000	0.009	0.009	3
11	3.322	0.000	0.000	0.004	0.004	1	8.268	0.000	0.000	0.010	0.010	7	1.636	0.000	0.000	0.000	0.000	0
12	1.776	0.000	0.000	0.000	0.000	0	8.374	0.000	0.000	0.010	0.010	7	1.763	0.000	0.000	0.000	0.000	0
13	2.239	0.000	0.000	0.003	0.003	0	9.784	0.000	0.000	0.011	0.011	9	0.000	0.000	0.000	0.000	0.000	0
14	7.190	0.000	0.000	0.008	0.008	5	9.729	0.000	0.000	0.011	0.011	9	0.000	0.000	0.000	0.000	0.000	0
15	9.418	0.000	0.000	0.009	0.009	7	8.277	0.000	0.000	0.010	0.010	7	0.000	0.000	0.000	0.000	0.000	0
16	10.06	0.000	0.000	0.009	0.009	8	8.275	0.000	0.000	0.010	0.010	7	0.000	0.000	0.000	0.000	0.000	0
17	9.216	0.000	0.000	0.008	0.008	7	9.214	0.000	0.000	0.010	0.010	8	0.000	0.000	0.000	0.000	0.000	0
18	9.729	0.000	0.000	0.009	0.009	8	7.032	0.000	0.000	0.009	0.009	6	0.000	0.000	0.000	0.000	0.000	0
19	10.15	0.000	0.000	0.010	0.010	9	6.102	0.000	0.000	0.009	0.009	5	0.000	0.000	0.000	0.000	0.000	0
20	10.08	0.000	0.000	0.011	0.011	9	5.874	0.000	0.000	0.009	0.009	5	0.000	0.000	0.000	0.000	0.000	0
21	13.41	0.000	0.000	0.010	0.010	11	5.397	0.000	0.000	0.008	0.008	4	0.000	0.000	0.000	0.000	0.000	0
22	14.65	0.000	0.000	0.010	0.010	13	5.775	0.000	0.000	0.011	0.011	5	0.000	0.000	0.000	0.000	0.000	0
23	10.19	0.000	0.000	0.009	0.009	8	5.505	0.000	0.000	0.009	0.009	4	0.000	0.000	0.000	0.000	0.000	0
24	8.712	0.000	0.000	0.009	0.009	7	4.915	0.000	0.000	0.010	0.010	4	0.000	0.000	0.000	0.000	0.000	0
25	2.239	0.000	0.000	0.002	0.002	0	4.849	0.000	0.000	0.009	0.009	4	0.000	0.000	0.000	0.000	0.000	0
26	1.776	0.000	0.000	0.000	0.000	0	3.913	0.000	0.000	0.009	0.009	3	0.000	0.000	0.000	0.000	0.000	0
27	2.845	0.000	0.000	0.000	0.000	0	4.830	0.000	0.000	0.008	0.008	3	0.000	0.000	0.000	0.000	0.000	0
28	5.395	0.000	0.000	0.007	0.007	3	6.196	0.000	0.000	0.010	0.010	5	0.000	0.000	0.000	0.000	0.000	0
29	5.985	0.000	0.000	0.008	0.008	4	6.198	0.000	0.000	0.010	0.010	5						
30	5.969	0.000	0.000	0.008	0.008	4	5.455	0.000	0.000	0.009	0.009	4						
31	4.122	0.000	0.000	0.007	0.007	3	5.206	0.000	0.000	0.009	0.009	4						
Ten Daily Mean																		
Ten Daily I	6.294	0.000	0.000	0.004	0.004	3	6.798	0.000	0.000	0.008	0.008	6	5.315	0.000	0.000	0.009	0.009	4
Ten Daily II	7.317	0.000	0.000	0.007	0.007	5	8.093	0.000	0.000	0.010	0.010	7	0.340	0.000	0.000	0.000	0.000	0
Ten Daily III	6.844	0.000	0.000	0.006	0.006	5	5.295	0.000	0.000	0.009	0.009	4	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						138						171						42

Annual Sediment Load (Metric Tonnes) : 20251

Daily Observed Sediment Datasheet for period : 2016-2017

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

Local River : Cauvery **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	3.472	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	2.552	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	1.017	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.734	0.000	0.000	0.000	0.000	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	0.602	0.000	0.000	0.000	0.000	0
Ten Daily III	0.159	0.000	0.000	0.000	0.000	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) : 20251

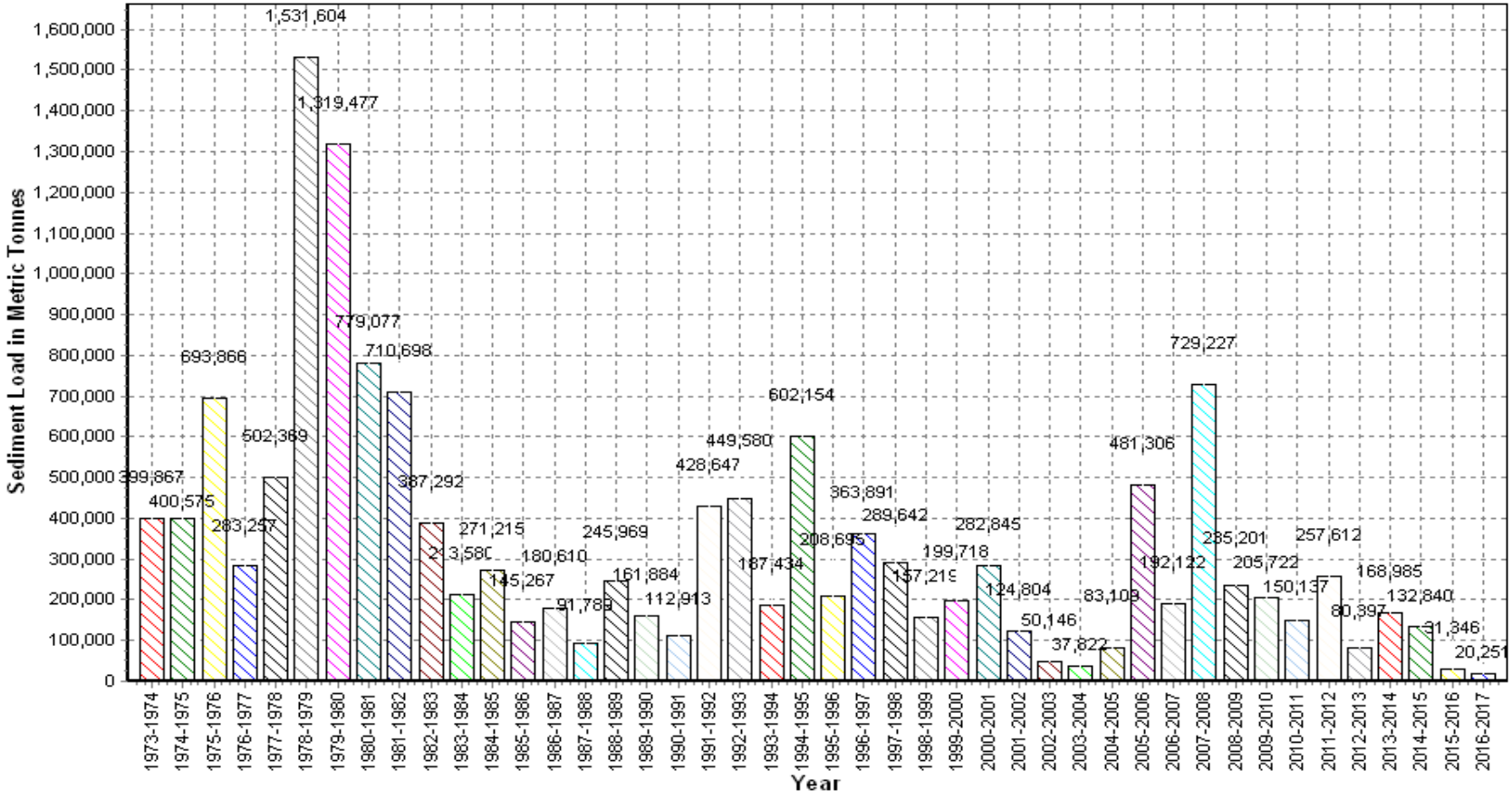
Annual Sediment Load for the period: 1973-2017

Station Name : KODUMUDI (CC000I7)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



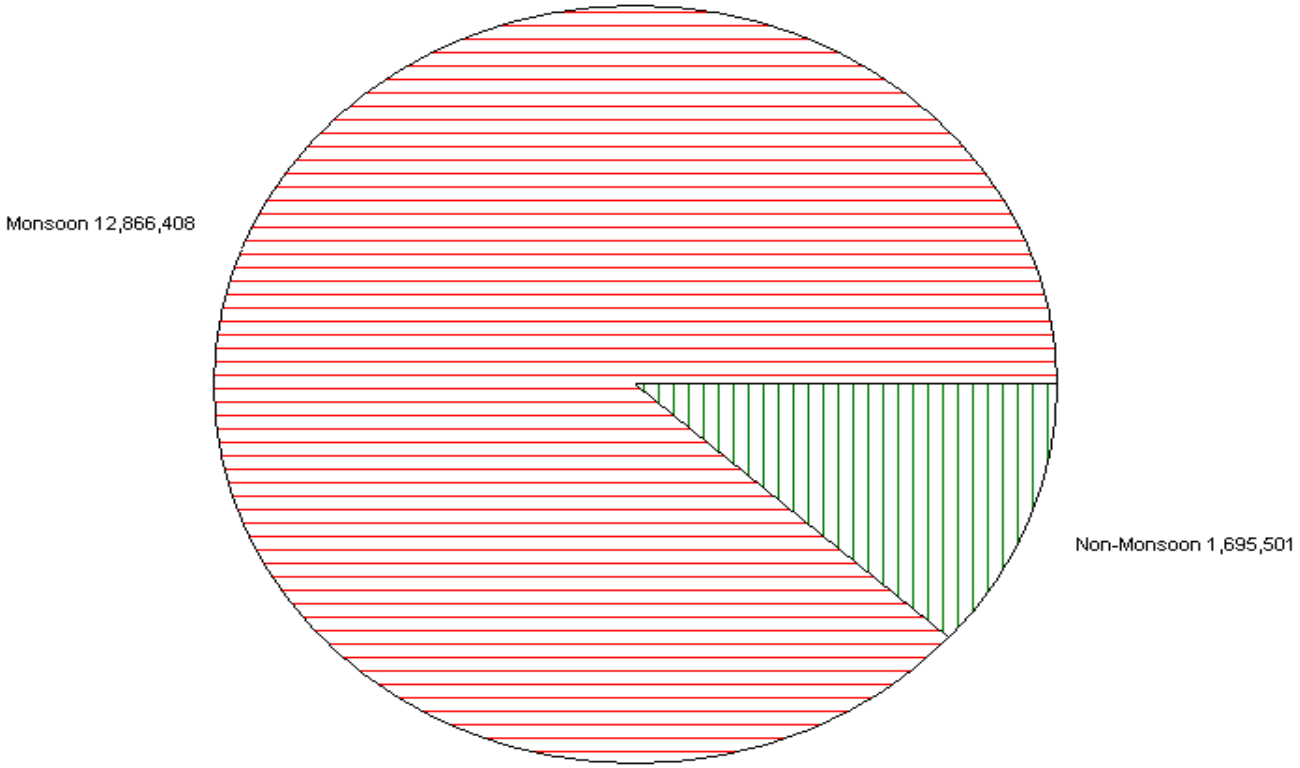
Seasonal Sediment Load for the period : 1973-2016

Station Name : KODUMUDI (CC000I7)

Local River : Cauvery

Division : SR Division, Coimbatore

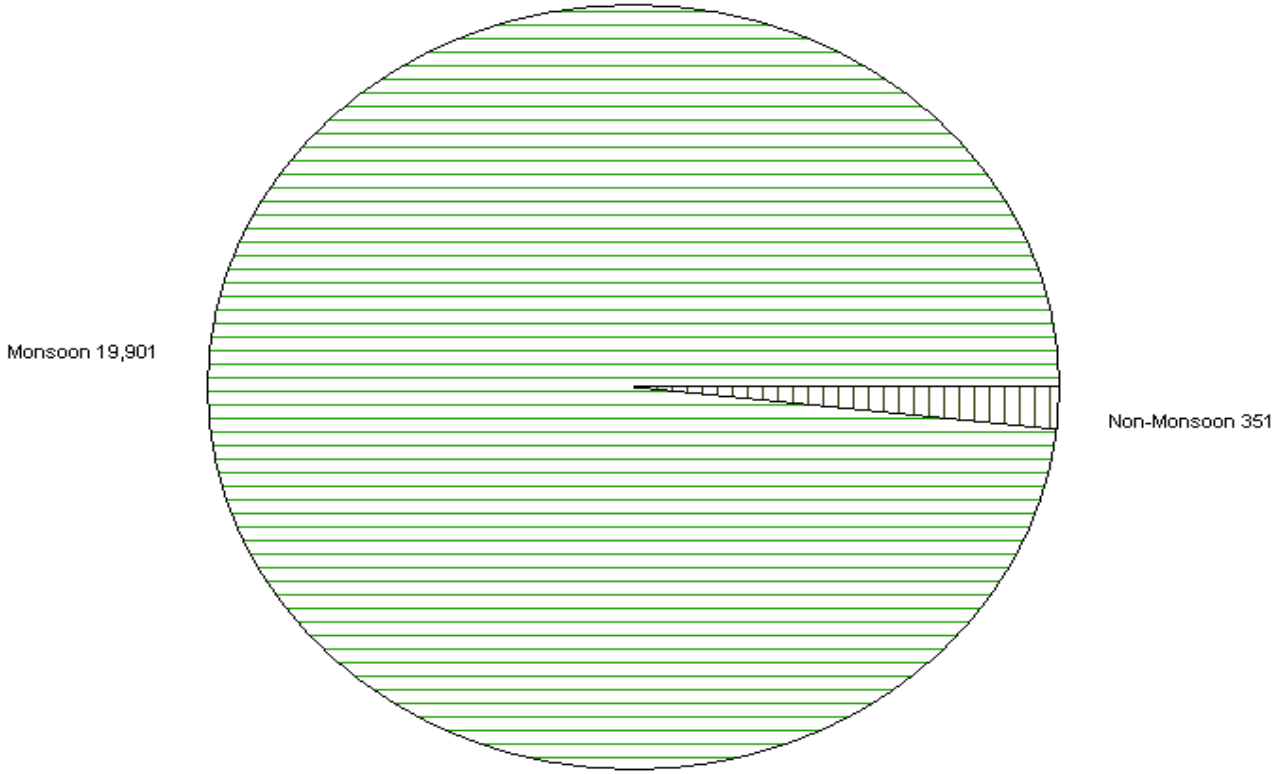
Sub-Division : Lower Cauvery SD, Trichi



Seasonal Sediment Load for the Year: 2016-2017

Station Name : KODUMUDI (CC000I7)
Local River : Cauvery

Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : **CAUVERY** **CODE No.** : **CC000I7**

SITE : **KODUMUDI** **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 2016								**DATE OF COLLECTION**									
1	100	Sample Not Collected															
2	200																
3	300																
4	400																
5	500																
6	600																
POST MONSOON 2016								**DATE OF COLLECTION**			**30/12/2016**						
1	100	123.710	-	-	-				10.0	0.93							
2	200	123.680	-	-	-				19.0	1.82							
3	300	-	122.020	122.190	0.17	260.0			18.0	2.04							
4	400	-	122.060	122.190	0.13				19.0	1.65							
5	500	-	121.970	122.190	0.22				8.0	1.00							
6	600	-	121.930	122.190	0.26			6.035	19.0	2.31	######	0.279	0.083	0.001	6.035	19.0	1.63
PRE MONSOON 2017								**DATE OF COLLECTION**			**11/05/2017**						
1	100	123.470	River Bed Dry						18.0	0.69	River Bed Dry						
2	200	123.720							16.0	1.54							
3	300	122.155							18.0	1.54							
4	400	122.125							17.0	1.54							
5	500	122.040							11.0	1.02							
6	600	122.065							15.0	1.71						18.0	1.34

Annual Sediment Load for period : 1980-2017

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	2445	1066	3511	472
2016-2017	850	309	1159	154

Daily Observed Sediment Datasheet for period : 2016-2017

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	3.446	0.000	0.000	0.004	0.004	1	3.124	0.000	0.000	0.008	0.008	2	6.935	0.000	0.000	0.009	0.009	5
2	3.300	0.000	0.000	0.007	0.007	2	2.963	0.000	0.000	0.005	0.005	1	6.160	0.000	0.000	0.006	0.006	3
3	3.940	0.000	0.000	0.008	0.008	3	2.421	0.000	0.000	0.004	0.004	1	5.588	0.000	0.000	0.007	0.007	3
4	3.295	0.000	0.000	0.007	0.007	2	3.130	0.000	0.000	0.009	0.009	2	4.413	0.000	0.000	0.009	0.009	3
5	3.586	0.000	0.000	0.009	0.009	3	2.007	0.000	0.000	0.011	0.011	2	4.193	0.000	0.000	0.008	0.008	3
6	3.580	0.000	0.000	0.009	0.009	3	1.996	0.000	0.000	0.007	0.007	1	3.463	0.000	0.000	0.009	0.009	3
7	3.379	0.000	0.000	0.010	0.010	3	2.421	0.000	0.000	0.008	0.008	2	3.586	0.000	0.000	0.009	0.009	3
8	3.230	0.000	0.000	0.008	0.008	2	3.427	0.000	0.000	0.010	0.010	3	1.852	0.000	0.000	0.007	0.007	1
9	2.889	0.000	0.000	0.007	0.007	2	13.86	0.000	0.000	0.009	0.009	11	2.029	0.000	0.000	0.009	0.009	2
10	3.959	0.000	0.000	0.010	0.010	3	7.167	0.000	0.000	0.008	0.008	5	1.223	0.000	0.000	0.005	0.005	0
11	3.296	0.000	0.000	0.008	0.008	2	6.486	0.000	0.000	0.008	0.008	4	1.196	0.000	0.000	0.005	0.005	1
12	3.332	0.000	0.000	0.008	0.008	2	5.340	0.000	0.000	0.009	0.009	4	7.947	0.000	0.000	0.006	0.006	4
13	1.868	0.000	0.000	0.011	0.011	2	2.759	0.000	0.000	0.008	0.008	2	15.11	0.000	0.000	0.009	0.009	11
14	13.66	0.000	0.000	0.011	0.011	13	2.958	0.000	0.000	0.004	0.004	1	8.844	0.000	0.000	0.009	0.009	7
15	3.315	0.000	0.000	0.010	0.010	3	6.224	0.000	0.000	0.007	0.007	3	10.24	0.000	0.000	0.010	0.010	9
16	1.154	0.000	0.000	0.012	0.012	1	6.670	0.000	0.000	0.010	0.010	6	13.94	0.000	0.000	0.014	0.014	17
17	0.942	0.000	0.000	0.012	0.012	1	9.763	0.000	0.000	0.010	0.010	8	14.58	0.000	0.000	0.010	0.010	12
18	14.04	0.000	0.000	0.014	0.014	17	4.370	0.000	0.000	0.011	0.011	4	17.03	0.000	0.000	0.014	0.014	20
19	6.780	0.000	0.000	0.011	0.011	6	3.272	0.000	0.000	0.008	0.008	2	25.96	0.000	0.000	0.022	0.022	48
20	4.131	0.000	0.000	0.010	0.010	3	3.353	0.000	0.000	0.008	0.008	2	23.79	0.000	0.000	0.027	0.027	56
21	4.413	0.000	0.000	0.007	0.007	3	3.344	0.000	0.000	0.010	0.010	3	17.77	0.000	0.000	0.018	0.018	28
22	5.622	0.000	0.000	0.005	0.005	3	3.536	0.000	0.000	0.011	0.011	3	9.356	0.000	0.000	0.006	0.006	5
23	8.478	0.000	0.000	0.015	0.015	11	3.372	0.000	0.000	0.009	0.009	3	15.99	0.000	0.000	0.010	0.010	13
24	8.629	0.000	0.000	0.008	0.008	6	3.586	0.000	0.000	0.009	0.009	3	16.76	0.000	0.000	0.008	0.008	12
25	8.772	0.000	0.000	0.007	0.007	6	5.712	0.000	0.000	0.005	0.005	2	22.10	0.000	0.000	0.008	0.008	15
26	8.844	0.000	0.000	0.008	0.008	6	6.477	0.000	0.000	0.004	0.004	2	22.65	0.000	0.000	0.008	0.008	15
27	7.753	0.000	0.000	0.007	0.007	4	13.83	0.000	0.000	0.006	0.006	7	22.83	0.000	0.000	0.007	0.007	14
28	7.667	0.000	0.000	0.006	0.006	4	5.740	0.000	0.000	0.004	0.004	2	13.99	0.000	0.000	0.007	0.007	9
29	7.819	0.000	0.000	0.009	0.009	6	6.265	0.000	0.000	0.004	0.004	2	12.74	0.000	0.000	0.007	0.007	8
30	3.923	0.000	0.000	0.007	0.007	2	7.086	0.000	0.000	0.007	0.007	4	16.17	0.000	0.000	0.009	0.009	13
31							7.167	0.000	0.000	0.005	0.005	3	17.69	0.000	0.000	0.007	0.007	10
Ten Daily Mean																		
Ten Daily I	3.460	0.000	0.000	0.008	0.008	2	4.252	0.000	0.000	0.008	0.008	3	3.944	0.000	0.000	0.008	0.008	3
Ten Daily II	5.251	0.000	0.000	0.011	0.011	5	5.119	0.000	0.000	0.008	0.008	4	13.86	0.000	0.000	0.013	0.013	19
Ten Daily III	7.192	0.000	0.000	0.008	0.008	5	6.011	0.000	0.000	0.007	0.007	3	17.09	0.000	0.000	0.009	0.009	13
Monthly Total						126						102						355

Annual Sediment Load (Metric Tonnes) : 1159

Daily Observed Sediment Datasheet for period : 2016-2017

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	17.31	0.000	0.000	0.010	0.010	15	4.239	0.000	0.000	0.008	0.008	3	6.862	0.000	0.000	0.003	0.003	2
2	13.15	0.000	0.000	0.009	0.009	11	2.855	0.000	0.000	0.007	0.007	2	7.272	0.000	0.000	0.004	0.004	3
3	15.87	0.000	0.000	0.010	0.010	14	3.088	0.000	0.000	0.007	0.007	2	7.023	0.000	0.000	0.004	0.004	3
4	9.763	0.000	0.000	0.005	0.005	4	2.701	0.000	0.000	0.009	0.009	2	6.589	0.000	0.000	0.003	0.003	2
5	9.763	0.000	0.000	0.005	0.005	4	2.729	0.000	0.000	0.006	0.006	1	2.706	0.000	0.000	0.004	0.004	1
6	8.519	0.000	0.000	0.004	0.004	3	3.994	0.000	0.000	0.009	0.009	3	3.332	0.000	0.000	0.008	0.008	2
7	16.27	0.000	0.000	0.005	0.005	7	4.716	0.000	0.000	0.004	0.004	2	2.407	0.000	0.000	0.006	0.006	1
8	13.32	0.000	0.000	0.007	0.007	8	4.680	0.000	0.000	0.004	0.004	2	3.842	0.000	0.000	0.009	0.009	3
9	16.25	0.000	0.000	0.009	0.009	12	3.586	0.000	0.000	0.004	0.004	1	8.559	0.000	0.000	0.007	0.007	5
10	16.44	0.000	0.000	0.009	0.009	13	3.035	0.000	0.000	0.004	0.004	1	8.613	0.000	0.000	0.004	0.004	3
11	5.033	0.000	0.000	0.009	0.009	4	2.633	0.000	0.000	0.005	0.005	1	6.633	0.000	0.000	0.008	0.008	5
12	4.204	0.000	0.000	0.009	0.009	3	2.855	0.000	0.000	0.005	0.005	1	4.262	0.000	0.000	0.007	0.007	3
13	5.695	0.000	0.000	0.006	0.006	3	2.983	0.000	0.000	0.005	0.005	1	3.853	0.000	0.000	0.007	0.007	2
14	5.004	0.000	0.000	0.007	0.007	3	6.190	0.000	0.000	0.010	0.010	5	3.853	0.000	0.000	0.007	0.007	2
15	5.242	0.000	0.000	0.004	0.004	2	5.033	0.000	0.000	0.006	0.006	3	4.077	0.000	0.000	0.004	0.004	1
16	4.064	0.000	0.000	0.005	0.005	2	2.855	0.000	0.000	0.006	0.006	1	6.142	0.000	0.000	0.006	0.006	3
17	2.172	0.000	0.000	0.006	0.006	1	2.512	0.000	0.000	0.006	0.006	1	5.844	0.000	0.000	0.006	0.006	3
18	1.517	0.000	0.000	0.011	0.011	1	2.385	0.000	0.000	0.007	0.007	1	6.058	0.000	0.000	0.006	0.006	3
19	1.663	0.000	0.000	0.010	0.010	1	3.929	0.000	0.000	0.008	0.008	3	4.175	0.000	0.000	0.004	0.004	2
20	1.410	0.000	0.000	0.014	0.014	2	4.710	0.000	0.000	0.010	0.010	4	2.029	0.000	0.000	0.007	0.007	1
21	1.202	0.000	0.000	0.007	0.007	1	4.471	0.000	0.000	0.006	0.006	2	1.827	0.000	0.000	0.008	0.008	1
22	3.176	0.000	0.000	0.008	0.008	2	4.297	0.000	0.000	0.006	0.006	2	4.181	0.000	0.000	0.007	0.007	3
23	2.287	0.000	0.000	0.008	0.008	2	3.332	0.000	0.000	0.005	0.005	2	4.880	0.000	0.000	0.006	0.006	3
24	7.341	0.000	0.000	0.007	0.007	4	2.730	0.000	0.000	0.005	0.005	1	4.357	0.000	0.000	0.006	0.006	2
25	6.780	0.000	0.000	0.006	0.006	4	2.877	0.000	0.000	0.005	0.005	1	4.411	0.000	0.000	0.007	0.007	3
26	4.320	0.000	0.000	0.005	0.005	2	4.917	0.000	0.000	0.006	0.006	2	3.464	0.000	0.000	0.005	0.005	1
27	1.653	0.000	0.000	0.004	0.004	1	5.511	0.000	0.000	0.006	0.006	3	2.029	0.000	0.000	0.006	0.006	1
28	4.002	0.000	0.000	0.007	0.007	2	6.243	0.000	0.000	0.006	0.006	3	3.317	0.000	0.000	0.009	0.009	3
29	5.617	0.000	0.000	0.004	0.004	2	5.033	0.000	0.000	0.006	0.006	2	3.179	0.000	0.000	0.004	0.004	1
30	3.591	0.000	0.000	0.004	0.004	1	3.332	0.000	0.000	0.005	0.005	1	3.881	0.000	0.000	0.005	0.005	2
31							4.258	0.000	0.000	0.005	0.005	2						
Ten Daily Mean																		
Ten Daily I	13.67	0.000	0.000	0.007	0.007	9	3.562	0.000	0.000	0.006	0.006	2	5.721	0.000	0.000	0.005	0.005	2
Ten Daily II	3.600	0.000	0.000	0.008	0.008	2	3.609	0.000	0.000	0.007	0.007	2	4.693	0.000	0.000	0.006	0.006	2
Ten Daily III	3.997	0.000	0.000	0.006	0.006	2	4.273	0.000	0.000	0.006	0.006	2	3.553	0.000	0.000	0.006	0.006	2
Monthly Total						134						64						68

Annual Sediment Load (Metric Tonnes) : 1159

Daily Observed Sediment Datasheet for period : 2016-2017

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	4.713	0.000	0.000	0.004	0.004	2	3.024	0.000	0.000	0.007	0.007	2	2.346	0.000	0.000	0.007	0.007	1
2	6.056	0.000	0.000	0.006	0.006	3	2.838	0.000	0.000	0.006	0.006	1	2.314	0.000	0.000	0.005	0.005	1
3	6.520	0.000	0.000	0.005	0.005	3	2.760	0.000	0.000	0.006	0.006	1	1.830	0.000	0.000	0.006	0.006	1
4	4.985	0.000	0.000	0.005	0.005	2	4.204	0.000	0.000	0.008	0.008	3	1.418	0.000	0.000	0.005	0.005	1
5	2.458	0.000	0.000	0.005	0.005	1	4.046	0.000	0.000	0.007	0.007	2	1.353	0.000	0.000	0.005	0.005	1
6	1.788	0.000	0.000	0.005	0.005	1	4.064	0.000	0.000	0.006	0.006	2	0.889	0.000	0.000	0.004	0.004	0
7	4.177	0.000	0.000	0.005	0.005	2	3.531	0.000	0.000	0.006	0.006	2	2.229	0.000	0.000	0.009	0.009	2
8	3.963	0.000	0.000	0.005	0.005	2	2.781	0.000	0.000	0.005	0.005	1	2.406	0.000	0.000	0.009	0.009	2
9	3.820	0.000	0.000	0.005	0.005	2	2.656	0.000	0.000	0.005	0.005	1	3.741	0.000	0.000	0.009	0.009	3
10	3.637	0.000	0.000	0.005	0.005	2	2.505	0.000	0.000	0.004	0.004	1	2.716	0.000	0.000	0.008	0.008	2
11	2.324	0.000	0.000	0.005	0.005	1	2.535	0.000	0.000	0.004	0.004	1	3.302	0.000	0.000	0.006	0.006	2
12	1.999	0.000	0.000	0.005	0.005	1	2.708	0.000	0.000	0.005	0.005	1	3.276	0.000	0.000	0.006	0.006	2
13	1.906	0.000	0.000	0.005	0.005	1	3.617	0.000	0.000	0.007	0.007	2	2.261	0.000	0.000	0.006	0.006	1
14	8.178	0.000	0.000	0.007	0.007	5	2.572	0.000	0.000	0.004	0.004	1	2.876	0.000	0.000	0.007	0.007	2
15	6.817	0.000	0.000	0.005	0.005	3	2.324	0.000	0.000	0.004	0.004	1	3.223	0.000	0.000	0.007	0.007	2
16	6.036	0.000	0.000	0.005	0.005	3	0.889	0.000	0.000	0.004	0.004	0	2.164	0.000	0.000	0.008	0.008	1
17	4.621	0.000	0.000	0.005	0.005	2	0.323	0.000	0.000	0.005	0.005	0	1.966	0.000	0.000	0.004	0.004	1
18	3.808	0.000	0.000	0.005	0.005	2	4.688	0.000	0.000	0.008	0.008	3	2.076	0.000	0.000	0.006	0.006	1
19	3.583	0.000	0.000	0.005	0.005	2	4.609	0.000	0.000	0.007	0.007	3	1.353	0.000	0.000	0.004	0.004	0
20	3.250	0.000	0.000	0.004	0.004	1	3.277	0.000	0.000	0.006	0.006	2	1.776	0.000	0.000	0.005	0.005	1
21	5.064	0.000	0.000	0.006	0.006	3	3.598	0.000	0.000	0.005	0.005	1	2.446	0.000	0.000	0.009	0.009	2
22	5.426	0.000	0.000	0.009	0.009	4	3.808	0.000	0.000	0.005	0.005	2	2.153	0.000	0.000	0.006	0.006	1
23	4.481	0.000	0.000	0.008	0.008	3	3.470	0.000	0.000	0.007	0.007	2	2.184	0.000	0.000	0.005	0.005	1
24	3.374	0.000	0.000	0.007	0.007	2	3.547	0.000	0.000	0.007	0.007	2	2.324	0.000	0.000	0.004	0.004	1
25	2.781	0.000	0.000	0.007	0.007	2	3.661	0.000	0.000	0.009	0.009	3	1.533	0.000	0.000	0.008	0.008	1
26	2.610	0.000	0.000	0.007	0.007	2	1.906	0.000	0.000	0.005	0.005	1	1.528	0.000	0.000	0.008	0.008	1
27	2.493	0.000	0.000	0.008	0.008	2	1.742	0.000	0.000	0.005	0.005	1	1.243	0.000	0.000	0.006	0.006	1
28	2.475	0.000	0.000	0.006	0.006	1	1.512	0.000	0.000	0.005	0.005	1	1.345	0.000	0.000	0.007	0.007	1
29	4.121	0.000	0.000	0.008	0.008	3	1.353	0.000	0.000	0.004	0.004	0						
30	4.495	0.000	0.000	0.008	0.008	3	1.561	0.000	0.000	0.005	0.005	1						
31	3.698	0.000	0.000	0.009	0.009	3	1.500	0.000	0.000	0.005	0.005	1						
Ten Daily Mean																		
Ten Daily I	4.212	0.000	0.000	0.005	0.005	2	3.241	0.000	0.000	0.006	0.006	2	2.124	0.000	0.000	0.007	0.007	1
Ten Daily II	4.252	0.000	0.000	0.005	0.005	2	2.754	0.000	0.000	0.006	0.006	1	2.427	0.000	0.000	0.006	0.006	1
Ten Daily III	3.729	0.000	0.000	0.007	0.007	2	2.514	0.000	0.000	0.006	0.006	1	1.844	0.000	0.000	0.007	0.007	1
Monthly Total						65						45						34

Annual Sediment Load (Metric Tonnes) : 1159

Daily Observed Sediment Datasheet for period : 2016-2017

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

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

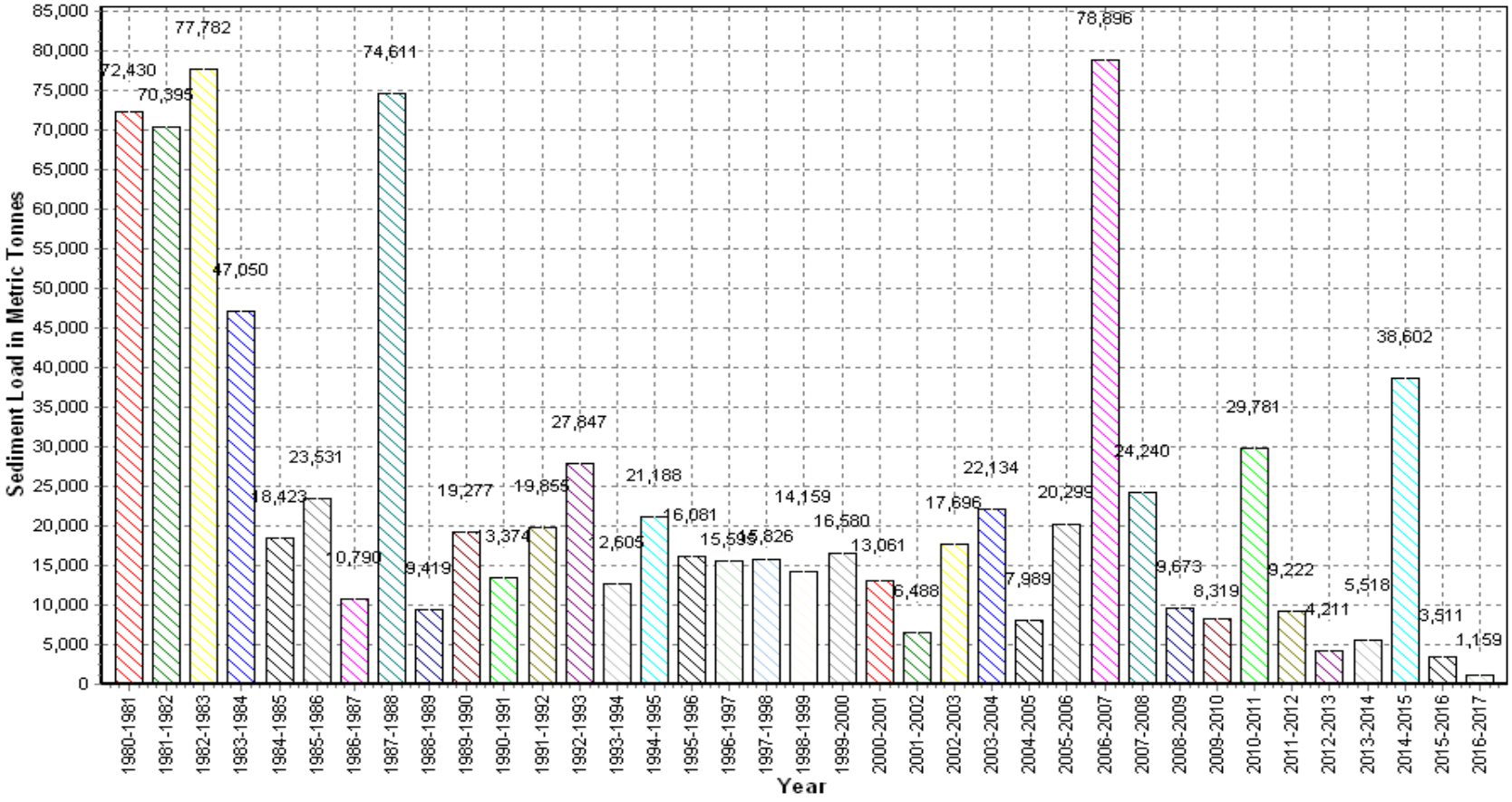
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	2.326	0.000	0.000	0.009	0.009	2	2.070	0.000	0.000	0.003	0.003	1	2.328	0.000	0.000	0.004	0.004	1
2	2.639	0.000	0.000	0.008	0.008	2	2.111	0.000	0.000	0.004	0.004	1	1.873	0.000	0.000	0.003	0.003	0
3	2.411	0.000	0.000	0.007	0.007	2	2.015	0.000	0.000	0.002	0.002	0	1.988	0.000	0.000	0.003	0.003	0
4	3.077	0.000	0.000	0.009	0.009	2	2.056	0.000	0.000	0.005	0.005	1	1.787	0.000	0.000	0.003	0.003	0
5	3.276	0.000	0.000	0.008	0.008	2	2.424	0.000	0.000	0.007	0.007	1	1.726	0.000	0.000	0.003	0.003	0
6	3.487	0.000	0.000	0.008	0.008	2	1.956	0.000	0.000	0.002	0.002	0	1.793	0.000	0.000	0.003	0.003	0
7	9.672	0.000	0.000	0.011	0.011	9	1.877	0.000	0.000	0.003	0.003	1	2.324	0.000	0.000	0.003	0.003	1
8	2.994	0.000	0.000	0.009	0.009	2	2.551	0.000	0.000	0.003	0.003	1	16.30	0.000	0.000	0.005	0.005	7
9	1.681	0.000	0.000	0.005	0.005	1	2.324	0.000	0.000	0.003	0.003	1	17.46	0.000	0.000	0.006	0.006	8
10	2.707	0.000	0.000	0.006	0.006	1	1.337	0.000	0.000	0.002	0.002	0	14.03	0.000	0.000	0.005	0.005	6
11	3.263	0.000	0.000	0.004	0.004	1	1.242	0.000	0.000	0.006	0.006	1	14.40	0.000	0.000	0.005	0.005	6
12	3.537	0.000	0.000	0.004	0.004	1	1.850	0.000	0.000	0.005	0.005	1	4.376	0.000	0.000	0.004	0.004	1
13	3.432	0.000	0.000	0.004	0.004	1	3.490	0.000	0.000	0.006	0.006	2	2.863	0.000	0.000	0.003	0.003	1
14	2.770	0.000	0.000	0.005	0.005	1	3.537	0.000	0.000	0.006	0.006	2	2.781	0.000	0.000	0.003	0.003	1
15	2.708	0.000	0.000	0.005	0.005	1	1.837	0.000	0.000	0.006	0.006	1	1.906	0.000	0.000	0.003	0.003	1
16	2.948	0.000	0.000	0.006	0.006	1	3.808	0.000	0.000	0.004	0.004	1	4.059	0.000	0.000	0.004	0.004	2
17	2.120	0.000	0.000	0.004	0.004	1	2.766	0.000	0.000	0.005	0.005	1	2.640	0.000	0.000	0.005	0.005	1
18	1.320	0.000	0.000	0.005	0.005	1	3.828	0.000	0.000	0.004	0.004	1	2.872	0.000	0.000	0.005	0.005	1
19	8.974	0.000	0.000	0.010	0.010	8	4.189	0.000	0.000	0.003	0.003	1	2.631	0.000	0.000	0.004	0.004	1
20	8.481	0.000	0.000	0.010	0.010	7	3.925	0.000	0.000	0.005	0.005	2	3.424	0.000	0.000	0.006	0.006	2
21	10.14	0.000	0.000	0.006	0.006	5	3.310	0.000	0.000	0.009	0.009	3	3.024	0.000	0.000	0.006	0.006	2
22	9.714	0.000	0.000	0.005	0.005	4	3.585	0.000	0.000	0.009	0.009	3	4.077	0.000	0.000	0.005	0.005	2
23	9.558	0.000	0.000	0.006	0.006	5	4.378	0.000	0.000	0.008	0.008	3	4.332	0.000	0.000	0.004	0.004	1
24	2.851	0.000	0.000	0.004	0.004	1	4.211	0.000	0.000	0.008	0.008	3	3.981	0.000	0.000	0.004	0.004	1
25	2.435	0.000	0.000	0.005	0.005	1	3.328	0.000	0.000	0.007	0.007	2	3.372	0.000	0.000	0.004	0.004	1
26	1.906	0.000	0.000	0.004	0.004	1	2.818	0.000	0.000	0.005	0.005	1	3.313	0.000	0.000	0.004	0.004	1
27	2.191	0.000	0.000	0.010	0.010	2	4.412	0.000	0.000	0.008	0.008	3	3.381	0.000	0.000	0.004	0.004	1
28	2.126	0.000	0.000	0.008	0.008	2	3.507	0.000	0.000	0.006	0.006	2	3.276	0.000	0.000	0.004	0.004	1
29	2.138	0.000	0.000	0.004	0.004	1	3.455	0.000	0.000	0.005	0.005	1	2.587	0.000	0.000	0.005	0.005	1
30	2.132	0.000	0.000	0.004	0.004	1	2.324	0.000	0.000	0.004	0.004	1	2.547	0.000	0.000	0.004	0.004	1
31	1.870	0.000	0.000	0.006	0.006	1							2.515	0.000	0.000	0.003	0.003	1
Ten Daily Mean																		
Ten Daily I	3.427	0.000	0.000	0.008	0.008	3	2.072	0.000	0.000	0.004	0.004	1	6.161	0.000	0.000	0.004	0.004	2
Ten Daily II	3.955	0.000	0.000	0.006	0.006	2	3.047	0.000	0.000	0.005	0.005	1	4.195	0.000	0.000	0.004	0.004	2
Ten Daily III	4.278	0.000	0.000	0.006	0.006	2	3.533	0.000	0.000	0.007	0.007	2	3.310	0.000	0.000	0.004	0.004	1
Monthly Total						71						41						54

Annual Sediment Load (Metric Tonnes) : 1159

Annual Sediment Load for the period: 1980-2017

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

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



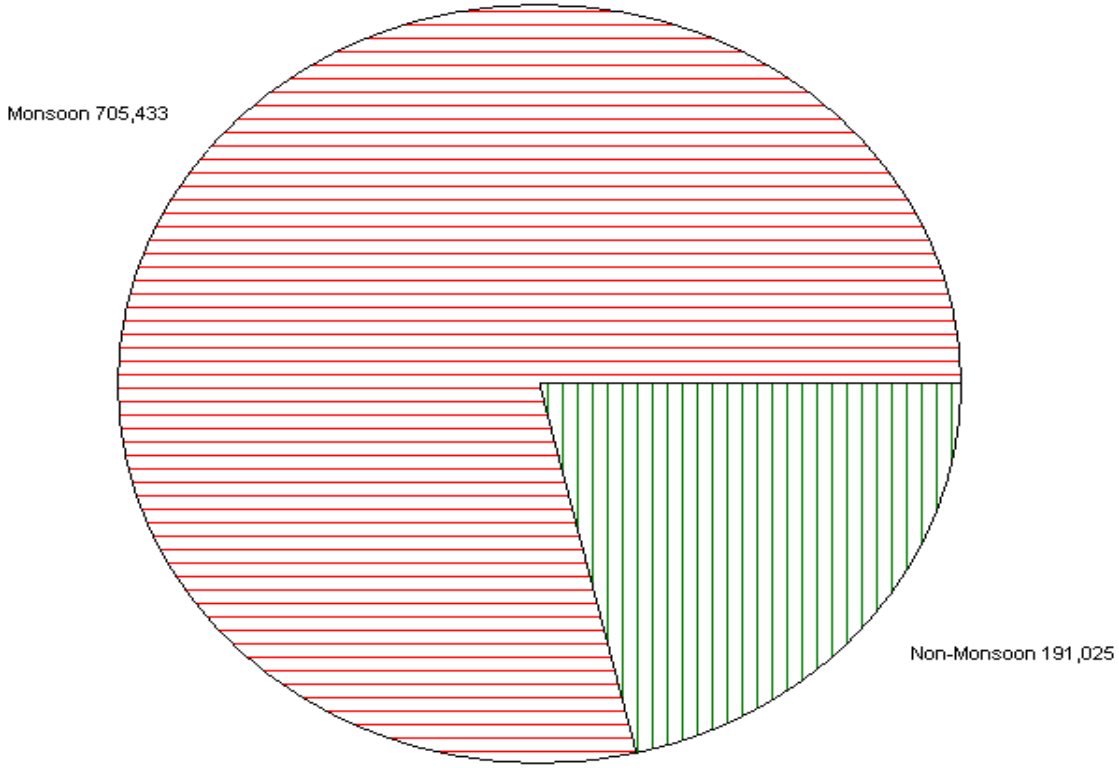
Seasonal Sediment Load for the period : 1980-2016

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



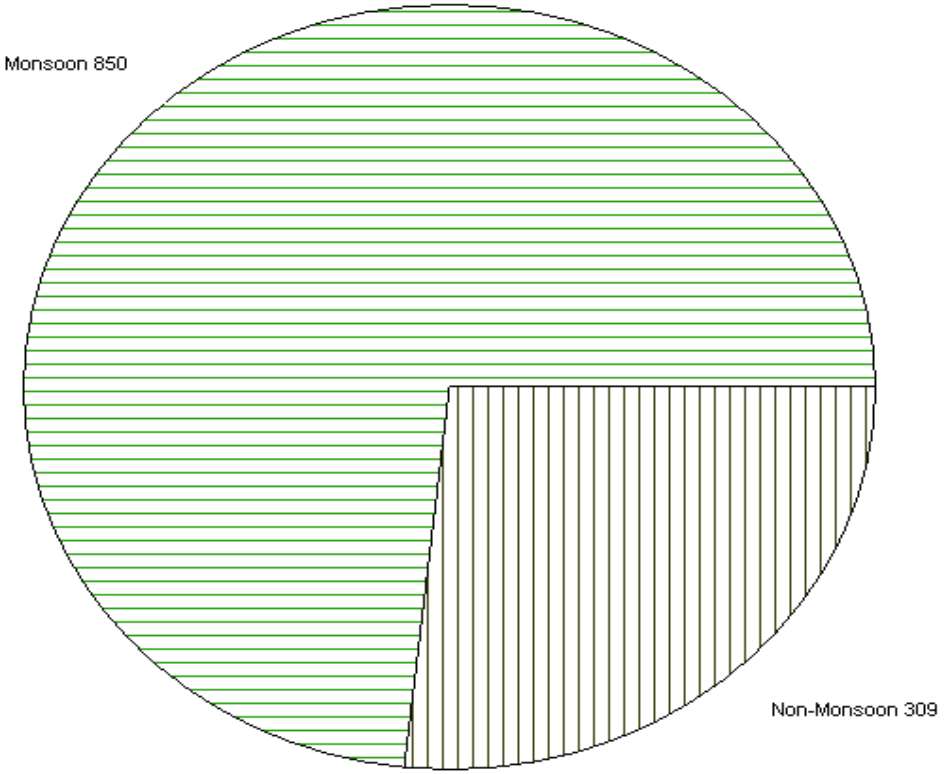
Seasonal Sediment Load for the Year: 2016-2017

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 2016							DATE OF COLLECTION				15/11/2016						
1	25	183.670	-	-	-	-			15.0	1.08							
2	65	-	179.590	180.780	1.19	80.0			10.0	1.64							
3	100	-	179.850	180.780	0.93	80.0			16.0	2.47							
4	125	184.060	-	-	-		-	4.079	14.0	0.85	80.30	0.943	0.054	-	4.079	16.0	1.51
POST MONSOON 2016							DATE OF COLLECTION				11/01/2017						
1	25	183.660	-		-		-	-	25.0	1.99							
2	65	-	179.590	180.710	1.12	80.0	-		11.0	1.31							
3	100	-	179.810	180.710	0.90	80.0	-	2.536	17.0	2.73							
4	125	184.020	-		-		-		14.0	0.92	80.27	0.877	0.036		2.536	25.0	1.74
PRE MONSOON 2017							DATE OF COLLECTION										
1	25	Sample Not Collected Under Due Period															
2	65																
3	100																
4	125																

Annual Sediment Load for period : 2002-2017

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

Daily Observed Sediment Datasheet for period : 2016-2017

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	3.650	0.000	0.000	0.000	0.000	0	10.47	0.000	0.000	0.000	0.000	0	5.697	0.000	0.007	0.000	0.007	3
2	2.072	0.000	0.000	0.000	0.000	0	6.912	0.000	0.000	0.000	0.000	0	3.806	0.000	0.000	0.000	0.000	0
3	2.375	0.000	0.000	0.000	0.000	0	7.278	0.000	0.000	0.000	0.000	0	3.334	0.000	0.000	0.000	0.000	0
4	2.028	0.000	0.000	0.000	0.000	0	4.089	0.000	0.000	0.000	0.000	0	3.300	0.000	0.000	0.000	0.000	0
5	2.862	0.000	0.000	0.000	0.000	0	4.531	0.000	0.000	0.000	0.000	0	2.692	0.000	0.000	0.000	0.000	0
6	1.462	0.000	0.000	0.000	0.000	0	9.288	0.000	0.000	0.000	0.000	0	2.664	0.000	0.000	0.000	0.000	0
7	1.985	0.000	0.000	0.000	0.000	0	3.865	0.000	0.000	0.000	0.000	0	3.443	0.000	0.000	0.000	0.000	0
8	7.150	0.000	0.000	0.000	0.000	0	6.103	0.000	0.000	0.000	0.000	0	2.681	0.000	0.000	0.000	0.000	0
9	3.299	0.000	0.000	0.000	0.000	0	4.677	0.000	0.000	0.000	0.000	0	2.308	0.000	0.000	0.000	0.000	0
10	2.673	0.000	0.000	0.000	0.000	0	5.037	0.000	0.000	0.000	0.000	0	2.329	0.000	0.000	0.000	0.000	0
11	7.448	0.000	0.000	0.000	0.000	0	8.834	0.000	0.000	0.000	0.000	0	2.530	0.000	0.000	0.000	0.000	0
12	5.037	0.000	0.000	0.000	0.000	0	7.554	0.000	0.000	0.000	0.000	0	3.012	0.000	0.000	0.000	0.000	0
13	3.698	0.000	0.000	0.000	0.000	0	7.045	0.000	0.000	0.000	0.000	0	2.013	0.000	0.000	0.000	0.000	0
14	3.174	0.000	0.000	0.000	0.000	0	5.828	0.000	0.000	0.000	0.000	0	5.824	0.000	0.000	0.000	0.000	0
15	3.426	0.000	0.000	0.000	0.000	0	4.410	0.000	0.000	0.000	0.000	0	3.243	0.000	0.000	0.000	0.000	0
16	2.820	0.000	0.000	0.000	0.000	0	6.436	0.000	0.000	0.000	0.000	0	3.103	0.000	0.000	0.000	0.000	0
17	1.874	0.000	0.000	0.000	0.000	0	5.037	0.000	0.000	0.000	0.000	0	3.112	0.000	0.000	0.000	0.000	0
18	7.786	0.000	0.000	0.000	0.000	0	4.403	0.000	0.000	0.000	0.000	0	3.090	0.000	0.000	0.000	0.000	0
19	10.74	0.000	0.000	0.000	0.000	0	4.836	0.000	0.000	0.000	0.000	0	4.254	0.000	0.000	0.000	0.000	0
20	3.755	0.000	0.000	0.000	0.000	0	4.466	0.000	0.000	0.000	0.000	0	3.327	0.000	0.000	0.000	0.000	0
21	4.440	0.000	0.000	0.000	0.000	0	4.289	0.000	0.000	0.000	0.000	0	6.675	0.000	0.000	0.000	0.000	0
22	2.738	0.000	0.000	0.000	0.000	0	3.426	0.000	0.000	0.000	0.000	0	3.063	0.000	0.000	0.000	0.000	0
23	1.965	0.000	0.000	0.000	0.000	0	3.365	0.000	0.000	0.000	0.000	0	2.551	0.000	0.000	0.000	0.000	0
24	4.763	0.000	0.000	0.000	0.000	0	3.651	0.000	0.000	0.000	0.000	0	3.387	0.000	0.000	0.000	0.000	0
25	3.544	0.000	0.000	0.000	0.000	0	4.322	0.000	0.000	0.000	0.000	0	4.085	0.000	0.000	0.000	0.000	0
26	8.914	0.000	0.000	0.001	0.001	0	4.077	0.000	0.000	0.000	0.000	0	2.706	0.000	0.000	0.000	0.000	0
27	2.992	0.000	0.000	0.000	0.000	0	6.472	0.000	0.000	0.000	0.000	0	2.506	0.000	0.000	0.000	0.000	0
28	2.587	0.000	0.000	0.000	0.000	0	5.252	0.000	0.000	0.000	0.000	0	2.023	0.000	0.000	0.000	0.000	0
29	25.50						4.728	0.000	0.000	0.000	0.000	0	3.007	0.000	0.000	0.000	0.000	0
30	20.43	0.000	0.000	0.000	0.001	1	7.348	0.000	0.000	0.000	0.000	0	2.949	0.000	0.000	0.000	0.000	0
31							5.037	0.000	0.006	0.000	0.006	3	2.763	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	2.956	0.000	0.000	0.000	0.000	0	6.225	0.000	0.000	0.000	0.000	0	3.225	0.000	0.001	0.000	0.001	0
Ten Daily II	4.976	0.000	0.000	0.000	0.000	0	5.885	0.000	0.000	0.000	0.000	0	3.351	0.000	0.000	0.000	0.000	0
Ten Daily III	7.787	0.000	0.000	0.000	0.000	0	4.724	0.000	0.001	0.000	0.001	0	3.247	0.000	0.000	0.000	0.000	0
Monthly Total						3						6						5

Annual Sediment Load (Metric Tonnes) : 14268

Daily Observed Sediment Datasheet for period : 2016-2017

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	3.190	0.000	0.000	0.000	0.000	0	2.219	0.000	0.000	0.000	0.000	0	1.952	0.000	0.000	0.000	0.000	0
2	4.695	0.000	0.000	0.000	0.000	0	1.874	0.000	0.000	0.000	0.000	0	2.899	0.000	0.000	0.000	0.000	0
3	3.014	0.000	0.000	0.000	0.000	0	1.951	0.000	0.000	0.000	0.000	0	2.226	0.000	0.000	0.000	0.000	0
4	4.547	0.000	0.000	0.000	0.000	0	1.968	0.000	0.000	0.000	0.000	0	3.008	0.000	0.000	0.000	0.000	0
5	2.507	0.000	0.000	0.000	0.000	0	1.848	0.000	0.000	0.000	0.000	0	1.613	0.000	0.000	0.000	0.000	0
6	2.700	0.000	0.000	0.000	0.000	0	1.957	0.000	0.000	0.000	0.000	0	1.343	0.000	0.000	0.000	0.000	0
7	2.844	0.000	0.000	0.000	0.000	0	8.511	0.000	0.000	0.000	0.000	0	1.196	0.000	0.000	0.000	0.000	0
8	2.788	0.000	0.000	0.000	0.000	0	8.431	0.000	0.000	0.000	0.000	0	1.240	0.000	0.000	0.000	0.000	0
9	2.540	0.000	0.000	0.000	0.000	0	2.339	0.000	0.000	0.000	0.000	0	1.228	0.000	0.000	0.000	0.000	0
10	2.712	0.000	0.000	0.000	0.000	0	1.849	0.000	0.000	0.000	0.000	0	4.132	0.000	0.000	0.000	0.000	0
11	2.023	0.000	0.000	0.000	0.000	0	7.910	0.000	0.000	0.000	0.000	0	3.693	0.000	0.000	0.000	0.000	0
12	2.868	0.000	0.000	0.000	0.000	0	7.910	0.000	0.000	0.000	0.000	0	2.089	0.000	0.000	0.000	0.000	0
13	2.023	0.000	0.000	0.000	0.000	0	8.700	0.000	0.000	0.000	0.000	0	7.910	0.000	0.000	0.000	0.000	0
14	1.928	0.000	0.000	0.000	0.000	0	9.058	0.000	0.000	0.000	0.000	0	1.874	0.000	0.000	0.000	0.000	0
15	2.099	0.000	0.000	0.000	0.000	0	11.79	0.000	0.000	0.000	0.000	0	6.296	0.000	0.000	0.000	0.000	0
16	2.204	0.000	0.000	0.000	0.000	0	8.572	0.000	0.000	0.000	0.000	0	8.180	0.000	0.000	0.000	0.000	0
17	1.952	0.000	0.000	0.000	0.000	0	9.317	0.000	0.000	0.000	0.000	0	8.130	0.000	0.000	0.000	0.000	0
18	1.874	0.000	0.000	0.000	0.000	0	8.920	0.000	0.000	0.000	0.000	0	1.068	0.000	0.000	0.000	0.000	0
19	1.989	0.000	0.000	0.000	0.000	0	9.007	0.000	0.000	0.000	0.000	0	2.017	0.000	0.000	0.000	0.000	0
20	2.114	0.000	0.000	0.000	0.000	0	8.699	0.000	0.000	0.000	0.000	0	2.023	0.000	0.000	0.000	0.000	0
21	2.276	0.000	0.000	0.000	0.000	0	9.078	0.000	0.000	0.000	0.000	0	2.591	0.000	0.000	0.000	0.000	0
22	1.892	0.000	0.000	0.000	0.000	0	9.090	0.000	0.000	0.000	0.000	0	3.343	0.000	0.000	0.000	0.000	0
23	2.184	0.000	0.000	0.000	0.000	0	6.384	0.000	0.000	0.000	0.000	0	2.286	0.000	0.000	0.000	0.000	0
24	2.094	0.000	0.000	0.000	0.000	0	7.753	0.000	0.000	0.000	0.000	0	3.327	0.000	0.000	0.000	0.000	0
25	1.874	0.000	0.000	0.000	0.000	0	3.502	0.000	0.000	0.000	0.000	0	2.061	0.000	0.000	0.000	0.000	0
26	2.103	0.000	0.000	0.000	0.000	0	2.625	0.000	0.000	0.000	0.000	0	1.133	0.000	0.000	0.000	0.000	0
27	1.957	0.000	0.000	0.000	0.000	0	4.177	0.000	0.000	0.000	0.000	0	1.596	0.000	0.000	0.000	0.000	0
28	1.972	0.000	0.000	0.000	0.000	0	3.103	0.000	0.000	0.000	0.000	0	2.370	0.000	0.000	0.000	0.000	0
29	1.875	0.000	0.000	0.000	0.000	0	2.023	0.000	0.000	0.000	0.000	0	1.192	0.000	0.000	0.000	0.000	0
30	2.858	0.000	0.000	0.000	0.000	0	1.343	0.000	0.000	0.000	0.000	0	3.165	0.000	0.000	0.000	0.000	0
31							2.488	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	3.154	0.000	0.000	0.000	0.000	0	3.295	0.000	0.000	0.000	0.000	0	2.084	0.000	0.000	0.000	0.000	0
Ten Daily II	2.108	0.000	0.000	0.000	0.000	0	8.989	0.000	0.000	0.000	0.000	0	4.328	0.000	0.000	0.000	0.000	0
Ten Daily III	2.109	0.000	0.000	0.000	0.000	0	4.688	0.000	0.000	0.000	0.000	0	2.306	0.000	0.000	0.000	0.000	0
Monthly Total						1						2						1

Annual Sediment Load (Metric Tonnes) : 14268

Daily Observed Sediment Datasheet for period : 2016-2017

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	1.178	0.000	0.000	0.000	0.000	0	1.376	0.000	0.000	0.000	0.000	0	1.239	0.000	0.000	0.002	0.002	0
2	1.443	0.000	0.000	0.000	0.000	0	4.307	0.000	0.000	0.000	0.000	0	3.471	0.000	0.000	0.002	0.002	1
3	3.470	0.000	0.000	0.000	0.000	0	3.062	0.000	0.000	0.000	0.000	0	0.742	0.000	0.000	0.003	0.003	0
4	8.265	0.000	0.000	0.000	0.000	0	3.341	0.000	0.000	0.000	0.000	0	0.810	0.000	0.000	0.002	0.002	0
5	1.966	0.000	0.000	0.000	0.000	0	3.936	0.000	0.000	0.000	0.000	0	0.737	0.000	0.000	0.003	0.003	0
6	1.127	0.000	0.000	0.000	0.000	0	0.707	0.000	0.000	0.000	0.000	0	0.803	0.000	0.000	0.003	0.003	0
7	1.502	0.000	0.000	0.000	0.000	0	4.575	0.000	0.000	0.020	0.020	8	0.862	0.000	0.000	0.004	0.004	0
8	1.039	0.000	0.000	0.000	0.000	0	4.006	0.000	0.000	0.017	0.017	6	1.110	0.000	0.000	0.005	0.005	0
9	3.746	0.000	0.000	0.000	0.000	0	3.181	0.000	0.000	0.011	0.011	3	3.884	0.000	0.000	0.011	0.011	4
10	4.756	0.000	0.000	0.000	0.000	0	3.781	0.000	0.000	0.004	0.004	1	0.831	0.000	0.000	0.004	0.004	0
11	3.355	0.000	0.000	0.000	0.000	0	3.534	0.000	0.000	0.003	0.003	1	1.024	0.000	0.000	0.003	0.003	0
12	1.253	0.000	0.000	0.000	0.000	0	3.261	0.000	0.000	0.003	0.003	1	0.737	0.000	0.000	0.002	0.002	0
13	1.780	0.000	0.000	0.000	0.000	0	4.140	0.000	0.000	0.002	0.002	1	1.111	0.000	0.000	0.003	0.003	0
14	1.495	0.000	0.000	0.000	0.000	0	3.539	0.000	0.000	0.002	0.002	1	0.868	0.000	0.000	0.002	0.002	0
15	3.697	0.000	0.000	0.000	0.000	0	2.956	0.000	0.000	0.003	0.003	1	0.867	0.000	0.000	0.003	0.003	0
16	6.622	0.000	0.000	0.000	0.000	0	2.689	0.000	0.000	0.004	0.004	1	1.983	0.000	0.000	0.002	0.002	0
17	3.300	0.000	0.000	0.000	0.000	0	1.114	0.000	0.000	0.005	0.005	1	1.057	0.000	0.000	0.003	0.003	0
18	10.07	0.000	0.000	0.000	0.000	0	1.401	0.000	0.000	0.005	0.005	1	1.138	0.000	0.000	0.003	0.003	0
19	3.153	0.000	0.000	0.000	0.000	0	0.755	0.000	0.000	0.004	0.004	0	0.737	0.000	0.000	0.002	0.002	0
20	3.441	0.000	0.000	0.000	0.000	0	1.969	0.000	0.000	0.003	0.003	1	1.223	0.000	0.000	0.002	0.002	0
21	4.525	0.000	0.000	0.000	0.000	0	3.654	0.000	0.000	0.002	0.002	1	0.873	0.000	0.000	0.003	0.003	0
22	3.353	0.000	0.000	0.000	0.000	0	1.376	0.000	0.000	0.003	0.003	0	1.410	0.000	0.000	0.003	0.003	0
23	3.806	0.000	0.000	0.000	0.000	0	2.634	0.000	0.000	0.005	0.005	1	1.848	0.000	0.000	0.003	0.003	0
24	1.294	0.000	0.000	0.000	0.000	0	0.691	0.000	0.000	0.004	0.004	0	6.655	0.000	0.000	0.003	0.003	2
25	3.355	0.000	0.000	0.000	0.000	0	1.571	0.000	0.000	0.003	0.003	0	4.632	0.000	0.000	0.002	0.002	1
26	1.883	0.000	0.000	0.000	0.000	0	0.430	0.000	0.000	0.002	0.002	0	4.722	0.000	0.000	0.002	0.002	1
27	3.768	0.000	0.000	0.000	0.000	0	0.720	0.000	0.000	0.003	0.003	0	0.911	0.000	0.000	0.002	0.002	0
28	1.102	0.000	0.000	0.000	0.000	0	1.088	0.000	0.000	0.004	0.004	0	1.053	0.000	0.000	0.003	0.003	0
29	1.380	0.000	0.000	0.000	0.000	0	1.041	0.000	0.000	0.004	0.004	0						
30	1.999	0.000	0.000	0.000	0.000	0	1.041	0.000	0.000	0.004	0.004	0						
31	2.633	0.000	0.000	0.000	0.000	0	2.082	0.000	0.000	0.004	0.004	1						
Ten Daily Mean																		
Ten Daily I	2.849	0.000	0.000	0.000	0.000	0	3.227	0.000	0.000	0.005	0.005	2	1.449	0.000	0.000	0.004	0.004	1
Ten Daily II	3.817	0.000	0.000	0.000	0.000	0	2.536	0.000	0.000	0.003	0.003	1	1.074	0.000	0.000	0.002	0.002	0
Ten Daily III	2.645	0.000	0.000	0.000	0.000	0	1.484	0.000	0.000	0.003	0.003	0	2.763	0.000	0.000	0.002	0.002	1
Monthly Total						0						29						13

Annual Sediment Load (Metric Tonnes) : 14268

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.790	0.000	0.000	0.003	0.003	0	2.201	0.000	0.000	0.003	0.003	0	7.649	0.000	0.000	0.004	0.004	3
2	1.776	0.000	0.000	0.003	0.003	0	3.355	0.000	0.000	0.002	0.002	0	3.983	0.000	0.000	0.004	0.004	1
3	1.146	0.000	0.000	0.003	0.003	0	2.968	0.000	0.000	0.002	0.002	0	4.002	0.000	0.000	0.003	0.003	1
4	0.901	0.000	0.000	0.004	0.004	0	0.916	0.000	0.000	0.002	0.002	0	6.943	0.000	0.000	0.004	0.004	2
5	0.737	0.000	0.000	0.002	0.002	0	7.818	0.000	0.000	0.002	0.002	1	8.351	0.000	0.000	0.004	0.004	3
6	0.762	0.000	0.000	0.003	0.003	0	7.929	0.000	0.000	0.002	0.002	1	3.967	0.000	0.000	0.002	0.002	1
7	0.765	0.000	0.000	0.002	0.002	0	4.166	0.000	0.000	0.001	0.001	0	2.768	0.000	0.000	0.002	0.002	1
8	3.287	0.000	0.000	0.002	0.002	1	7.871	0.000	0.000	0.002	0.002	1	0.893	0.000	0.000	0.002	0.002	0
9	1.495	0.000	0.000	0.003	0.003	0	7.275	0.000	0.000	0.002	0.002	1	0.874	0.000	0.000	0.003	0.003	0
10	2.713	0.000	0.000	0.002	0.002	0	3.558	0.000	0.000	0.001	0.001	0	2.768	0.000	0.000	0.019	0.019	5
11	2.948	0.000	0.000	0.002	0.002	1	4.373	0.000	0.000	0.006	0.006	2	1.258	0.000	0.000	0.009	0.009	1
12	0.737	0.000	0.000	0.006	0.006	0	3.070	0.000	0.000	0.005	0.005	1	1.964	0.000	0.000	0.010	0.010	2
13	0.815	0.000	0.000	0.006	0.006	0	7.710	0.000	0.000	0.007	0.007	5	7.657	0.000	0.000	0.006	0.006	4
14	1.720	0.000	0.000	0.003	0.003	0	6.961	0.000	0.000	0.007	0.007	4	6.655	0.000	0.000	0.006	0.006	3
15	8.101	0.000	0.000	0.003	0.003	2	6.004	0.000	0.000	0.008	0.008	4	1.160	0.000	0.000	0.007	0.007	1
16	2.076	0.000	0.000	0.003	0.003	1	7.598	0.000	0.000	0.016	0.016	11	1.129	0.000	0.000	0.006	0.006	1
17	4.003	0.000	0.000	0.003	0.003	1	5.708	0.000	0.000	0.012	0.012	6	1.822	0.000	0.000	0.002	0.002	0
18	3.775	0.000	0.000	0.002	0.002	1	2.906	0.000	0.000	0.010	0.010	3	1.948	0.000	0.000	0.008	0.008	1
19	2.082	0.000	0.000	0.001	0.001	0	4.530	0.000	0.005	0.021	0.027	10	21.06	0.048	0.037	0.012	0.098	178
20	4.505	0.000	0.000	0.003	0.003	1	4.376	0.000	0.000	0.008	0.008	3	2.499	0.004	0.011	0.009	0.023	5
21	0.888	0.000	0.000	0.002	0.002	0	5.164	0.000	0.000	0.007	0.007	3	8.265	0.039	0.053	0.015	0.107	76
22	2.887	0.000	0.000	0.002	0.002	0	6.363	0.000	0.000	0.007	0.007	4	23.99	0.135	0.168	0.031	0.334	693
23	3.789	0.000	0.000	0.002	0.002	1	4.006	0.000	0.000	0.006	0.006	2	6.553	0.085	0.073	0.019	0.177	100
24	7.891	0.000	0.000	0.002	0.002	2	3.207	0.000	0.000	0.005	0.005	1	3.735	0.056	0.006	0.008	0.071	23
25	3.668	0.000	0.000	0.002	0.002	1	7.764	0.000	0.000	0.005	0.005	3	8.147	0.006	0.029	0.014	0.048	34
26	5.505	0.000	0.000	0.002	0.002	1	6.674	0.000	0.000	0.007	0.007	4	2.682	0.000	0.000	0.018	0.018	4
27	4.336	0.000	0.000	0.002	0.002	1	8.110	0.000	0.000	0.005	0.005	4	168.4	0.064	0.237	0.589	0.890	12954
28	2.174	0.000	0.000	0.001	0.001	0	7.293	0.000	0.000	0.006	0.006	4	2.956	0.001	0.004	0.010	0.016	4
29	1.734	0.000	0.000	0.001	0.001	0	7.867	0.000	0.000	0.004	0.004	2	3.688	0.001	0.005	0.013	0.020	6
30	0.893	0.000	0.000	0.002	0.002	0	8.265	0.000	0.000	0.004	0.004	3	2.890	0.000	0.000	0.008	0.008	2
31	6.497	0.000	0.000	0.002	0.002	1							1.933	0.000	0.000	0.003	0.003	0
Ten Daily Mean																		
Ten Daily I	1.437	0.000	0.000	0.003	0.003	0	4.806	0.000	0.000	0.002	0.002	1	4.220	0.000	0.000	0.005	0.005	2
Ten Daily II	3.076	0.000	0.000	0.003	0.003	1	5.324	0.000	0.001	0.010	0.011	5	4.715	0.005	0.005	0.007	0.017	20
Ten Daily III	3.660	0.000	0.000	0.002	0.002	1	6.471	0.000	0.000	0.005	0.005	3	21.20	0.035	0.052	0.066	0.154	1263
Monthly Total						16						85						14108

Annual Sediment Load (Metric Tonnes) : 14268

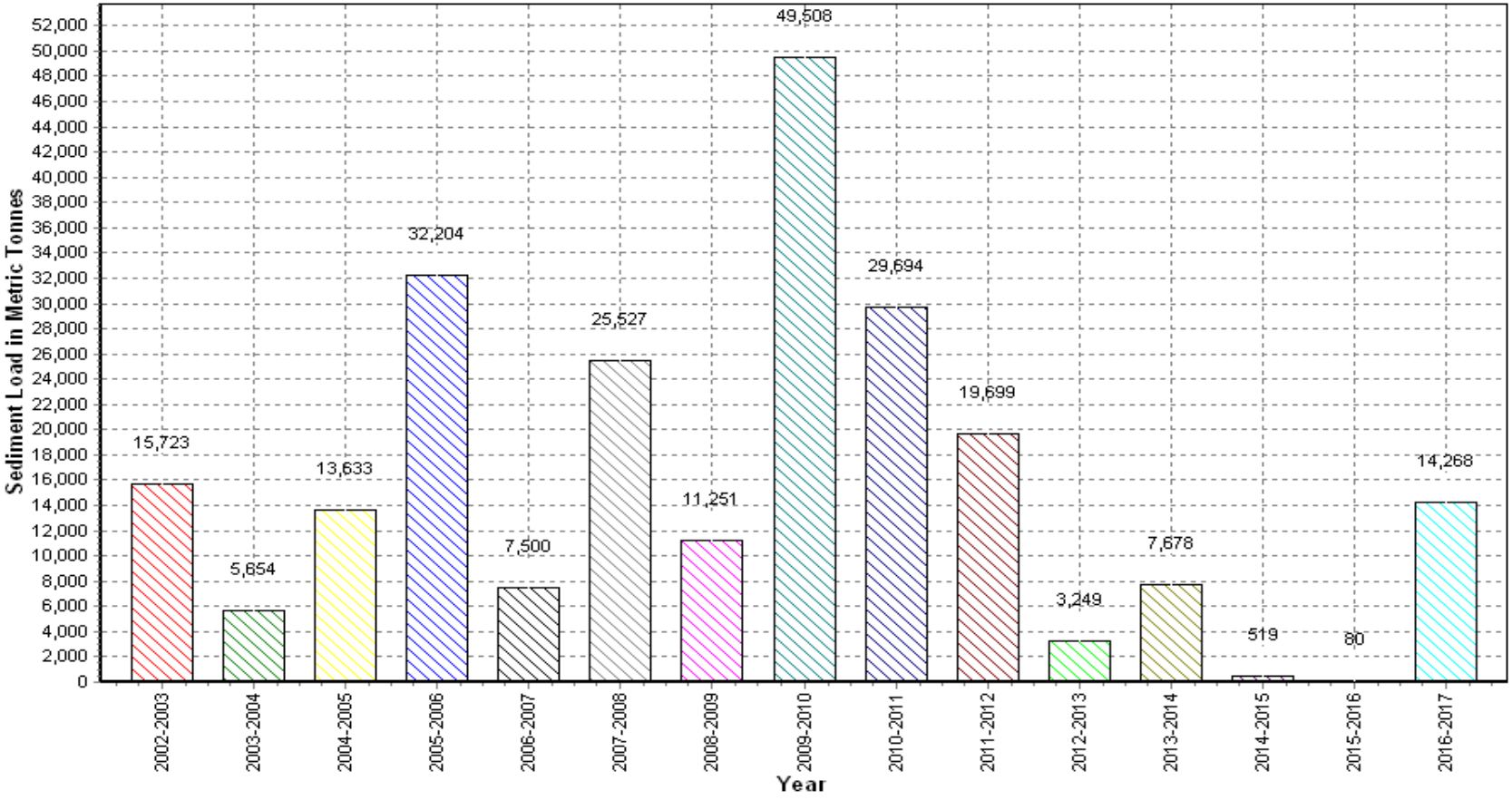
Annual Sediment Load for the period: 2002-2017

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



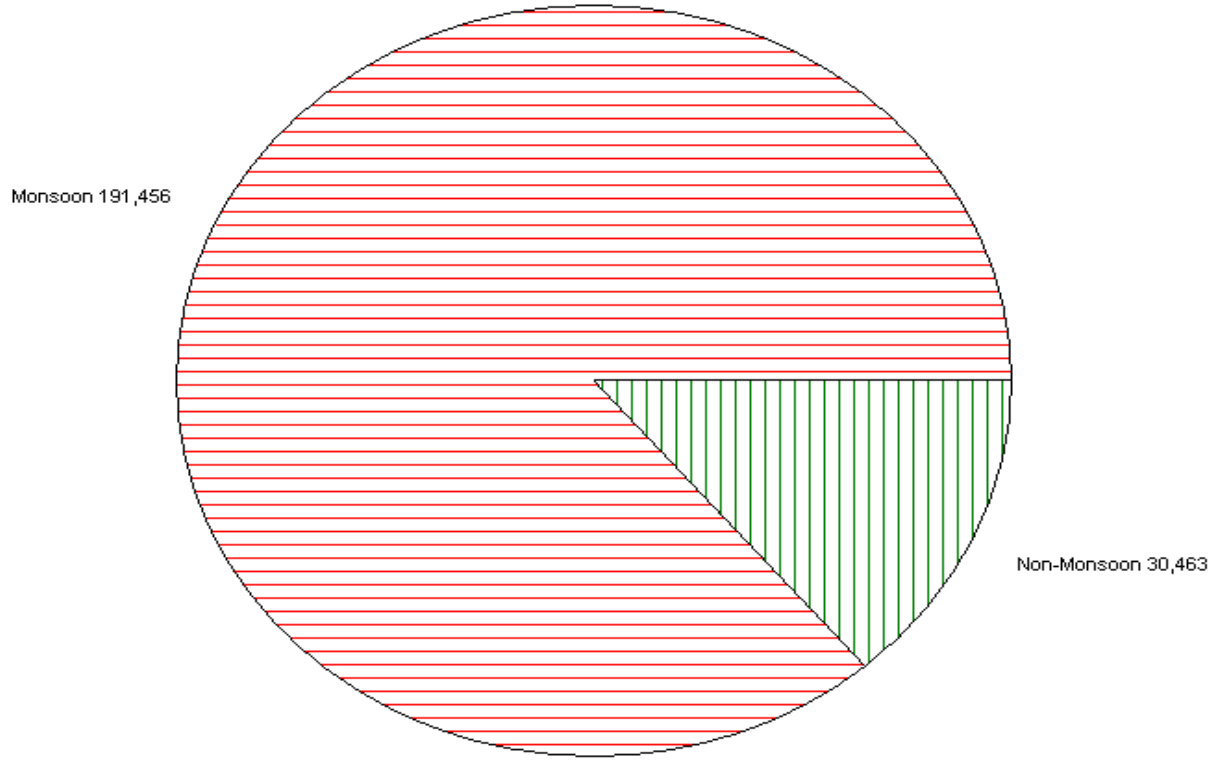
Seasonal Sediment Load for the period : 2002-2016

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



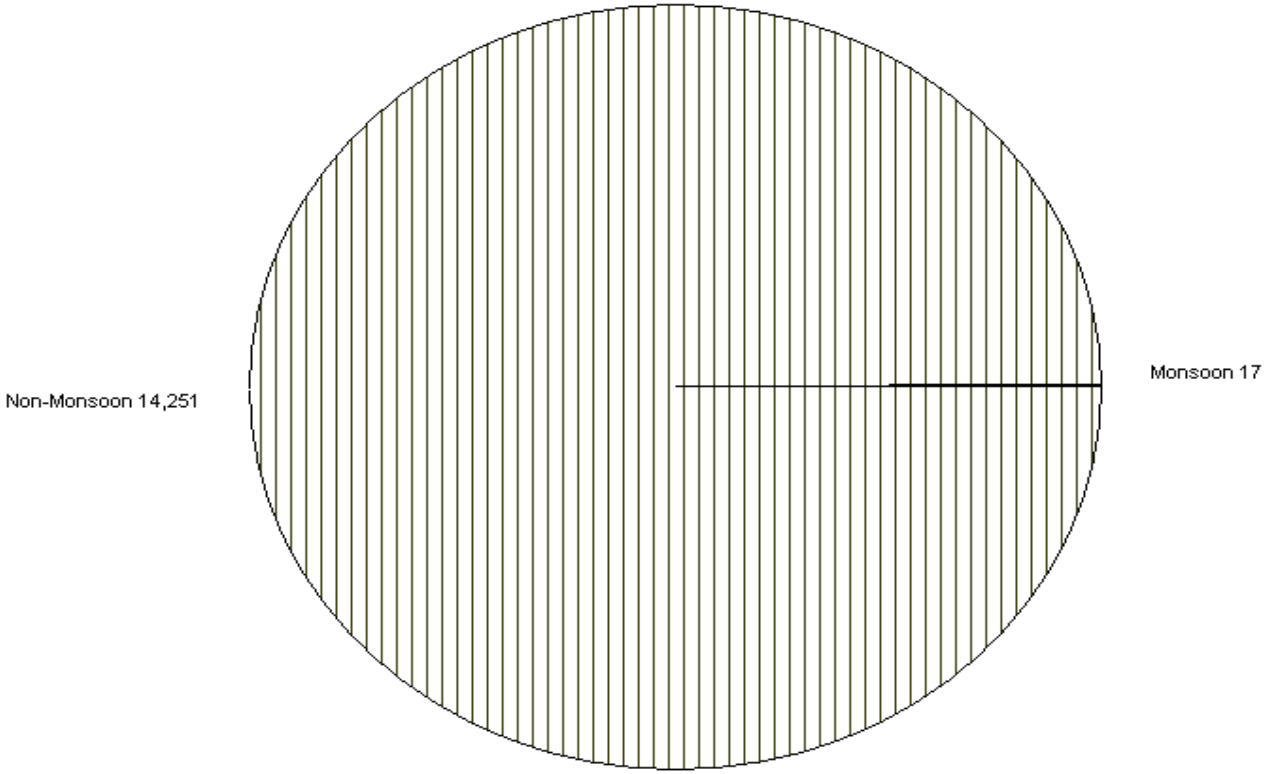
Seasonal Sediment Load for the Year: 2016-2017

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



BED MATERIAL ANALYSIS DATA

RIVER : **MOYAR** **CODE No.** : **CCGI0E9**

SITE : **THENGUMARAHADA** **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 2016							**DATE OF COLLECTION**					**26/11/2016**					
1	50	-	338.310	338.410	0.10	35.5			9.0	0.54							
2	65	-	338.100	338.850	0.75	35.5	0.135		9.0	0.68							
3	80	-	338.530					1.135	4.5	0.36	35.61	0.293	0.109	0.00010	1.135	9.0	0.53
POST MONSOON 2016							**DATE OF COLLECTION**					**11/01/2017**					
1	50	-	338.330	338.450	0.12	40.0	0.231		9.0	0.58							
2	65	-	338.070	338.450	0.38	40.0	0.311	3.5320	10.0	0.88	40.133	0.3972	0.2216	0.002	3.532		
3	80	-	338.501	-					5.0	0.30						10.0	0.59
PRE MONSOON 2017							**DATE OF COLLECTION**					**25/05/2017**					
1	50	-	338.312	338.360	0.05	41.0	0.422		10.0	1.57							
2	65	-	337.962	338.360	0.40	41.0	-		14.0	1.01							
3	80	-	338.855				0.426	8.578	3.0	0.28	41.20	0.512	0.407	0.00050	8.578	14.0	0.95

Annual Sediment Load for period : 2003-2017

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

Daily Observed Sediment Datasheet for period : 2016-2017

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	87.33	0.000	0.000	0.101	0.101	765	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	3.101	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	87.33	0.000	0.000	0.101	0.101	765	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	3.101	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	2.911	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.207	0.000	0.000	0.003	0.003	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	102.4	0.000	0.000	0.119	0.119	1052	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	18.40	0.000	0.000	0.022	0.022	153	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	9.309	0.000	0.000	0.011	0.011	96	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						1533						1052						0

Annual Sediment Load (Metric Tonnes) : 5909

Daily Observed Sediment Datasheet for period : 2016-2017

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	2.976	0.000	0.000	0.008	0.008	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	67.09	0.000	0.000	0.171	0.171	993	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	3.400	0.000	0.000	0.009	0.009	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	102.7	0.000	0.000	0.262	0.262	2327	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	17.61	0.000	0.000	0.045	0.045	332	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						3324						0						0

Annual Sediment Load (Metric Tonnes) : 5909

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0						
31	0.000						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) : 5909

Daily Observed Sediment Datasheet for period : 2016-2017

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) : 5909

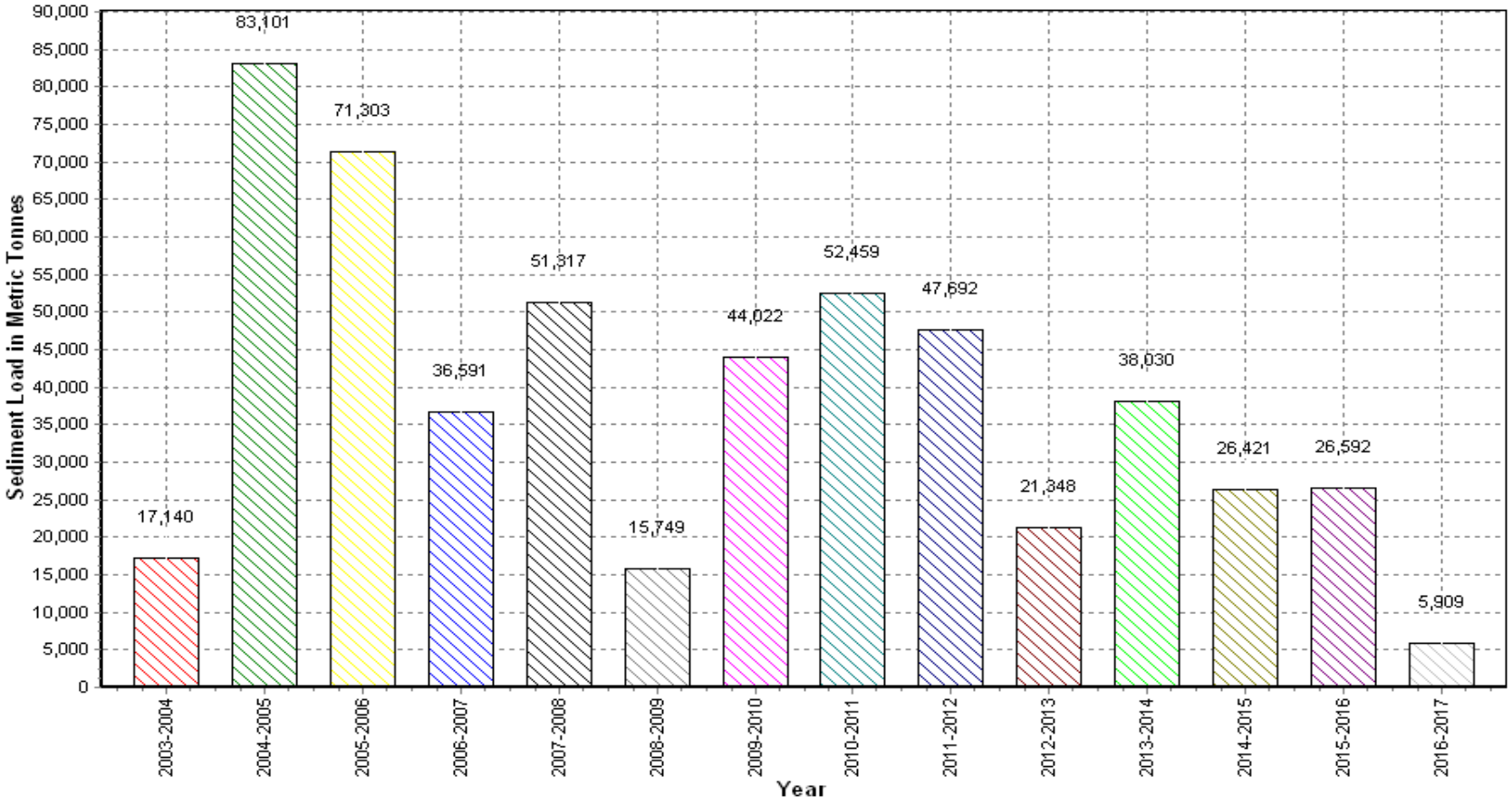
Annual Sediment Load for the period: 2003-2017

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



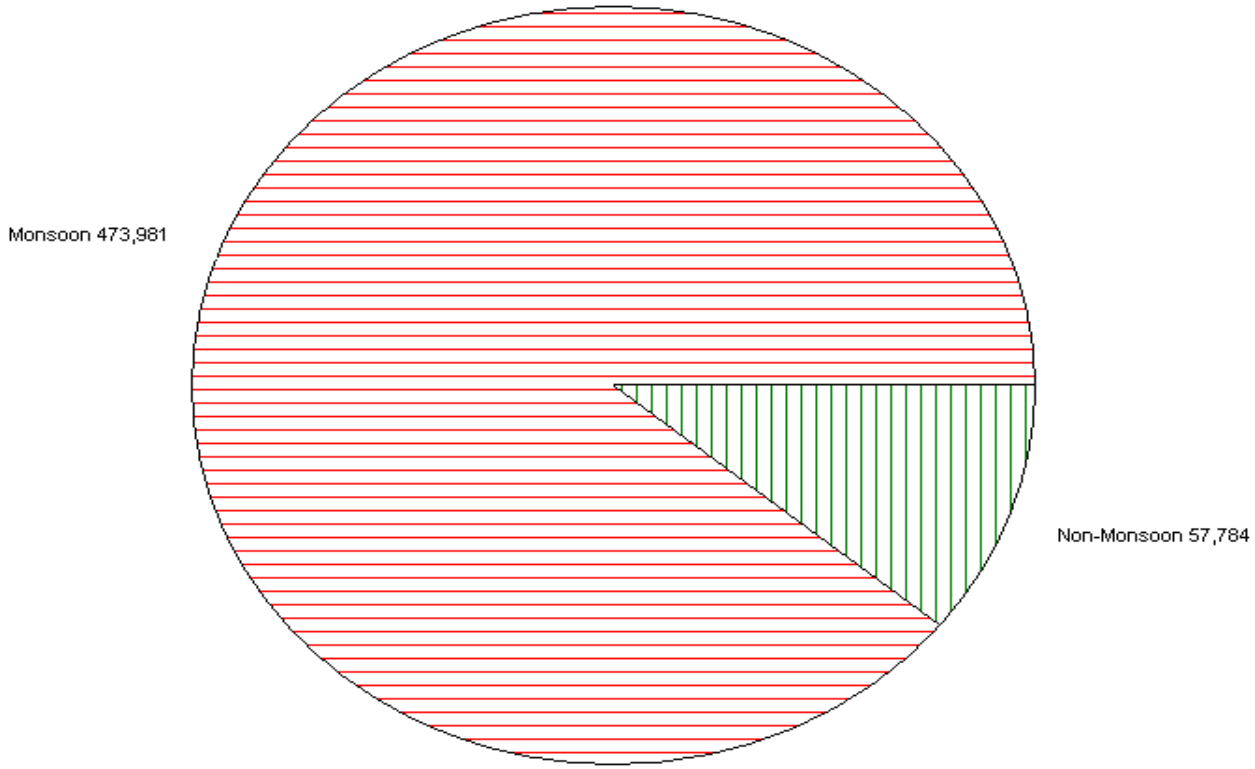
Seasonal Sediment Load for the period : 2003-2016

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



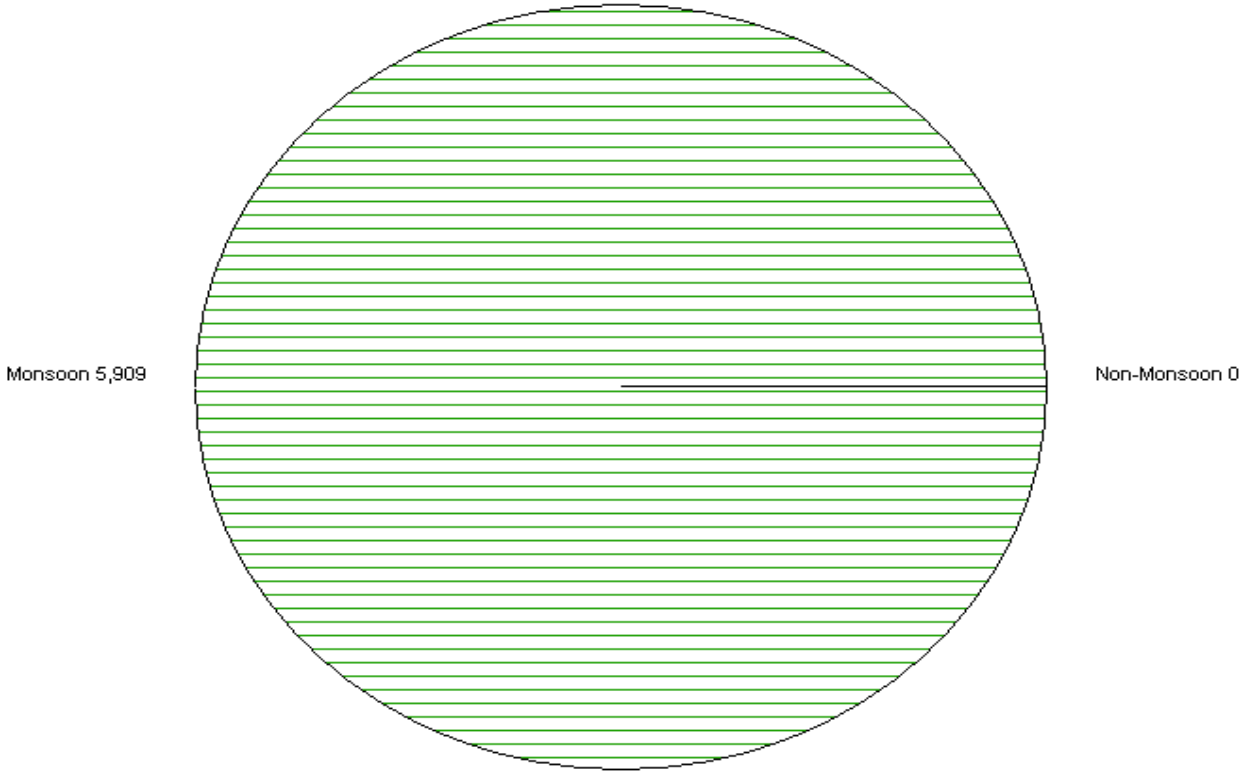
Seasonal Sediment Load for the Year: 2016-2017

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2001-2017

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

Daily Observed Sediment Datasheet for period : 2016-2017

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	41.85	0.000	0.000	0.007	0.007	24	0.000	0.000	0.000	0.000	0.000	0	94.95	0.000	0.000	0.027	0.027	219
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	65.86	0.000	0.000	0.019	0.019	110
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	53.00	0.000	0.000	0.003	0.003	15	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	62.41	0.000	0.000	0.008	0.008	44	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	60.85	0.000	0.000	0.005	0.005	24	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	58.28	0.000	0.000	0.008	0.008	42	0.000	0.000	0.000	0.000	0.000	0
16	39.56	0.000	0.000	0.004	0.004	12	64.53	0.000	0.000	0.004	0.004	21	52.35	0.000	0.000	0.017	0.017	78
17	0.000	0.000	0.000	0.000	0.000	0	72.90	0.000	0.000	0.006	0.006	38	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	70.34	0.000	0.000	0.002	0.002	9	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	71.45	0.000	0.000	0.006	0.006	35	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	62.76	0.000	0.000	0.005	0.005	25	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	63.75	0.000	0.000	0.002	0.002	10	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	64.84	0.000	0.000	0.002	0.002	10	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	64.14	0.000	0.000	0.003	0.003	16	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	70.23	0.000	0.000	0.005	0.005	32	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	99.25	0.000	0.000	0.004	0.004	30	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	219.7	0.000	0.000	0.001	0.001	25	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	173.3	0.000	0.000	0.011	0.011	168	95.94	0.000	0.000	0.014	0.014	119
28	0.000	0.000	0.000	0.000	0.000	0	191.8	0.000	0.000	0.005	0.005	78	0.000	0.000	0.000	0.000	0.000	0
29	51.76	0.000	0.000	0.005	0.005	21	191.8	0.000	0.000	0.008	0.008	136	88.33	0.000	0.000	0.014	0.014	106
30	0.000	0.000	0.000	0.000	0.000	0	93.50	0.000	0.000	0.005	0.005	40	62.72	0.000	0.000	0.010	0.010	56
31							112.7	0.000	0.000	0.006	0.006	58	51.93	0.000	0.000	0.012	0.012	56
Ten Daily Mean																		
Ten Daily I	4.185	0.000	0.000	0.001	0.001	2	5.300	0.000	0.000	0.000	0.000	2	16.08	0.000	0.000	0.005	0.005	33
Ten Daily II	3.956	0.000	0.000	0.000	0.000	1	52.35	0.000	0.000	0.004	0.004	24	5.235	0.000	0.000	0.002	0.002	8
Ten Daily III	5.176	0.000	0.000	0.000	0.000	2	122.3	0.000	0.000	0.005	0.005	55	27.17	0.000	0.000	0.005	0.005	31
Monthly Total						57						856						744

Annual Sediment Load (Metric Tonnes) : 17791

Daily Observed Sediment Datasheet for period : 2016-2017

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	40.71	0.000	0.000	0.011	0.011	38	320.8	0.000	0.000	0.011	0.011	294	88.88	0.000	0.000	0.019	0.019	149
2	54.02	0.000	0.000	0.014	0.014	64	311.8	0.000	0.000	0.010	0.010	277	105.3	0.000	0.000	0.026	0.026	233
3	13.25	0.000	0.000	0.011	0.011	13	312.2	0.000	0.000	0.011	0.011	283	89.67	0.000	0.000	0.024	0.024	185
4	15.98	0.000	0.000	0.014	0.014	19	332.1	0.000	0.000	0.011	0.011	316	83.45	0.000	0.000	0.012	0.012	88
5	13.25	0.000	0.000	0.011	0.011	13	329.8	0.000	0.000	0.011	0.011	325	73.27	0.000	0.000	0.015	0.015	97
6	53.49	0.000	0.000	0.012	0.012	57	332.7	0.000	0.000	0.011	0.011	319	93.14	0.000	0.000	0.013	0.013	105
7	59.47	0.000	0.000	0.014	0.014	74	325.9	0.000	0.000	0.012	0.012	327	89.56	0.000	0.000	0.013	0.013	97
8	59.90	0.000	0.000	0.014	0.014	71	347.9	0.000	0.000	0.012	0.012	352	80.76	0.000	0.000	0.014	0.014	96
9	41.71	0.000	0.000	0.014	0.014	49	339.9	0.000	0.000	0.011	0.011	335	93.71	0.000	0.000	0.014	0.014	117
10	58.80	0.000	0.000	0.013	0.013	66	350.7	0.000	0.000	0.011	0.011	342	79.84	0.000	0.000	0.016	0.016	111
11	19.63	0.000	0.000	0.017	0.017	28	336.7	0.000	0.000	0.011	0.011	329	74.98	0.000	0.000	0.014	0.014	92
12	57.72	0.000	0.000	0.016	0.016	80	356.0	0.000	0.000	0.012	0.012	369	0.000	0.000	0.000	0.000	0.000	0
13	18.37	0.000	0.000	0.016	0.016	25	360.2	0.000	0.000	0.016	0.016	495	0.000	0.000	0.000	0.000	0.000	0
14	63.59	0.000	0.000	0.016	0.016	87	563.5	0.000	0.000	0.013	0.013	609	0.000	0.000	0.000	0.000	0.000	0
15	61.89	0.000	0.000	0.017	0.017	89	470.4	0.000	0.000	0.011	0.011	443	0.000	0.000	0.000	0.000	0.000	0
16	58.13	0.000	0.000	0.012	0.012	60	489.3	0.000	0.000	0.011	0.011	478	0.000	0.000	0.000	0.000	0.000	0
17	62.42	0.000	0.000	0.014	0.014	74	315.6	0.000	0.000	0.017	0.017	472	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	315.4	0.000	0.000	0.011	0.011	289	0.000	0.000	0.000	0.000	0.000	0
19	63.70	0.000	0.000	0.013	0.013	70	312.8	0.000	0.000	0.012	0.012	327	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	312.5	0.000	0.000	0.013	0.013	337	0.000	0.000	0.000	0.000	0.000	0
21	351.5	0.000	0.000	0.011	0.011	328	298.2	0.000	0.000	0.013	0.013	330	0.000	0.000	0.000	0.000	0.000	0
22	359.5	0.000	0.000	0.012	0.012	379	315.6	0.000	0.000	0.012	0.012	319	0.000	0.000	0.000	0.000	0.000	0
23	358.4	0.000	0.000	0.011	0.011	328	311.8	0.000	0.000	0.012	0.012	312	0.000	0.000	0.000	0.000	0.000	0
24	327.3	0.000	0.000	0.013	0.013	362	296.8	0.000	0.000	0.010	0.010	259	0.000	0.000	0.000	0.000	0.000	0
25	311.8	0.000	0.000	0.011	0.011	283	299.5	0.000	0.000	0.010	0.010	264	0.000	0.000	0.000	0.000	0.000	0
26	349.0	0.000	0.000	0.014	0.014	407	358.1	0.000	0.000	0.019	0.019	597	39.26	0.000	0.000	0.014	0.014	48
27	325.9	0.000	0.000	0.012	0.012	341	307.1	0.000	0.000	0.011	0.011	289	0.000	0.000	0.000	0.000	0.000	0
28	314.8	0.000	0.000	0.011	0.011	288	304.3	0.000	0.000	0.011	0.011	297	0.000	0.000	0.000	0.000	0.000	0
29	324.1	0.000	0.000	0.010	0.010	288	123.3	0.000	0.000	0.014	0.014	153	0.000	0.000	0.000	0.000	0.000	0
30	331.6	0.000	0.000	0.011	0.011	324	119.7	0.000	0.000	0.014	0.014	145	0.000	0.000	0.000	0.000	0.000	0
31							113.7	0.000	0.000	0.013	0.013	131						
Ten Daily Mean																		
Ten Daily I	41.06	0.000	0.000	0.013	0.013	46	330.4	0.000	0.000	0.011	0.011	317	87.75	0.000	0.000	0.017	0.017	128
Ten Daily II	40.55	0.000	0.000	0.012	0.012	51	383.2	0.000	0.000	0.013	0.013	415	7.498	0.000	0.000	0.001	0.001	9
Ten Daily III	335.4	0.000	0.000	0.011	0.011	333	258.9	0.000	0.000	0.013	0.013	281	3.926	0.000	0.000	0.001	0.001	5
Monthly Total						4304						10413						1417

Annual Sediment Load (Metric Tonnes) : 17791

Daily Observed Sediment Datasheet for period : 2016-2017

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	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) : 17791

Daily Observed Sediment Datasheet for period : 2016-2017

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	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) : 17791

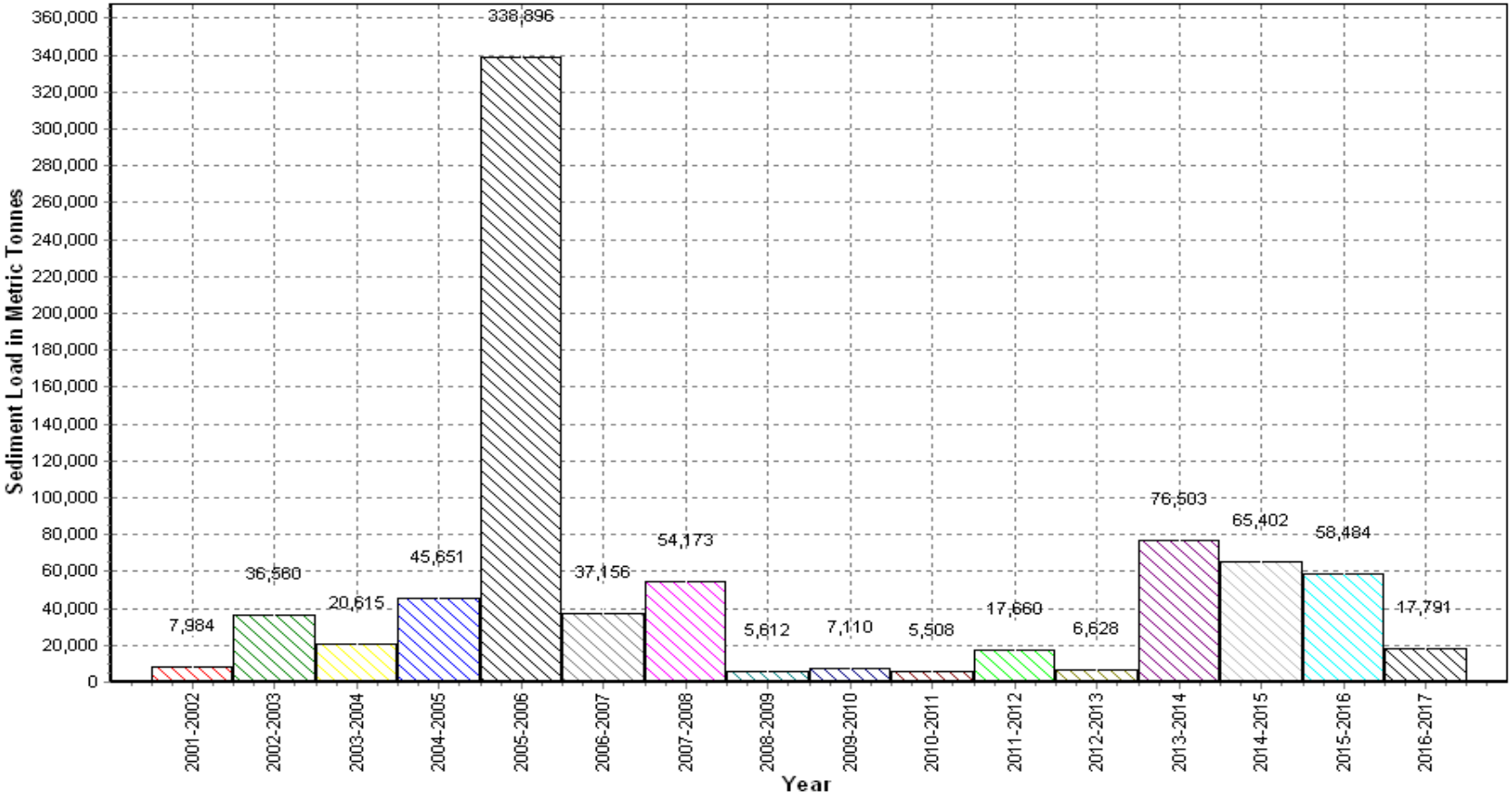
Annual Sediment Load for the period: 2001-2017

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



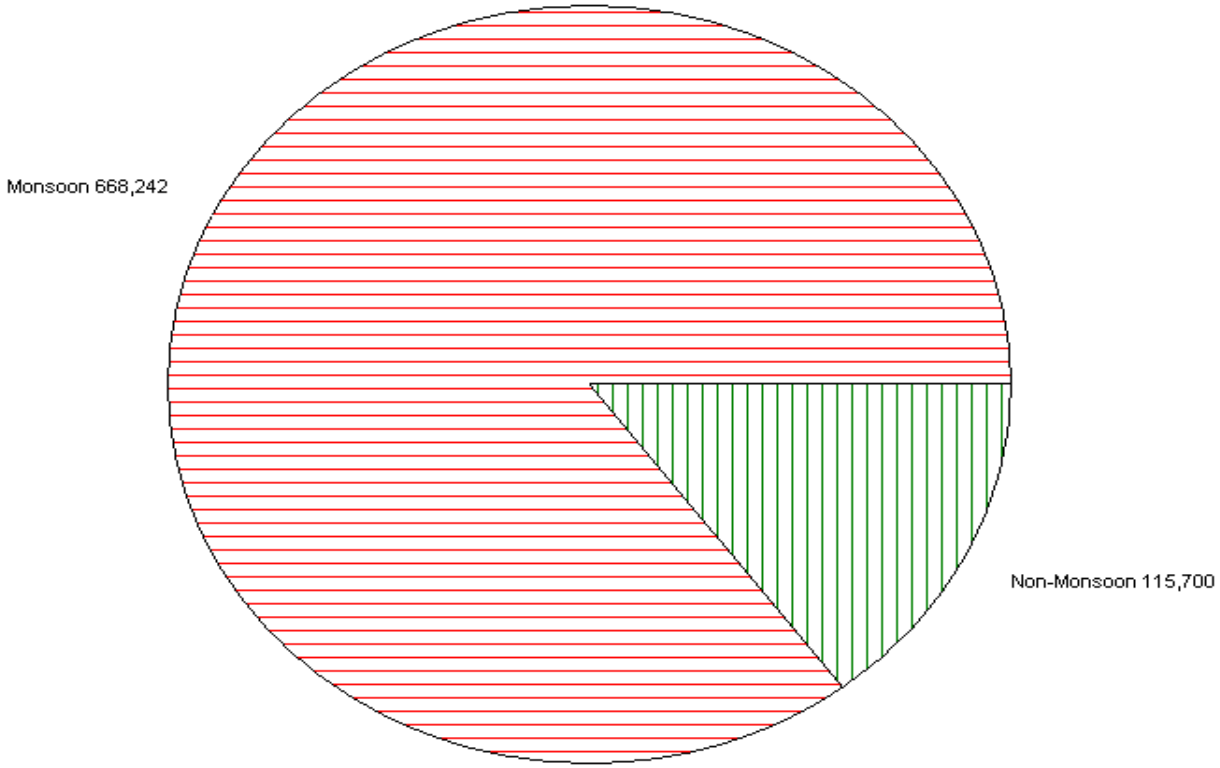
Seasonal Sediment Load for the period : 2001-2016

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



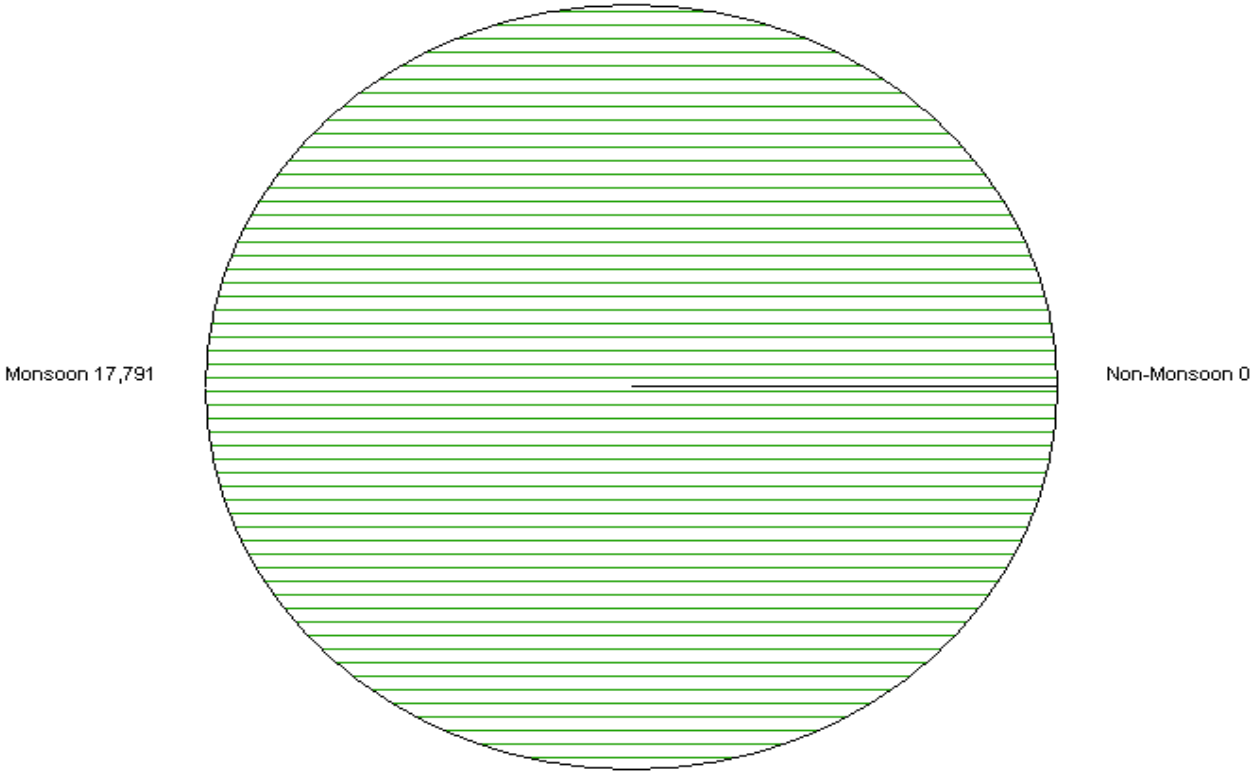
Seasonal Sediment Load for the Year: 2016-2017

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2013-2017

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	62	168	3

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.580	0.000	0.000	0.027	0.027	1	0.000	0.000	0.000	0.000	0.000	0	0.316	0.000	0.000	0.015	0.015	0
2	4.526	0.000	0.000	0.214	0.214	84	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.960	0.000	0.000	0.045	0.045	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.858	0.000	0.000	0.041	0.041	3	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	1.094	0.000	0.000	0.052	0.052	5	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	0.593	0.000	0.000	0.028	0.028	1	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	1.183	0.000	0.000	0.056	0.056	6	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	0.526	0.000	0.000	0.025	0.025	1	0.000	0.000	0.000	0.000	0.000	0
31							0.411	0.000	0.000	0.019	0.019	1	0.000	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	0.802	0.000	0.000	0.038	0.038	10	0.000	0.000	0.000	0.000	0.000	0	0.032	0.000	0.000	0.001	0.001	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	0.247	0.000	0.000	0.012	0.012	1	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						97						9						0

Annual Sediment Load (Metric Tonnes) : 168

Daily Observed Sediment Datasheet for period : 2016-2017

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	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) : 168

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	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) : 168

Daily Observed Sediment Datasheet for period : 2016-2017

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	1.571	0.000	0.000	0.019	0.019	3
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.245	0.000	0.000	0.015	0.015	2
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	2.836	0.000	0.000	0.034	0.034	8
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.393	0.000	0.000	0.053	0.053	20
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.250	0.000	0.000	0.015	0.015	2
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.755	0.000	0.000	0.021	0.021	3
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.910	0.000	0.000	0.023	0.023	4
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.177	0.000	0.000	0.049	0.049	5
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.154	0.000	0.000	0.034	0.034	6
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.427	0.000	0.000	0.030	0.030	4
27	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	0.037	0.037	6
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	0.157	0.000	0.000	0.002	0.002	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	0.847	0.000	0.000	0.010	0.010	3
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	1.040	0.000	0.000	0.019	0.019	3
Monthly																		
Total						0						0						62

Annual Sediment Load (Metric Tonnes) : 168

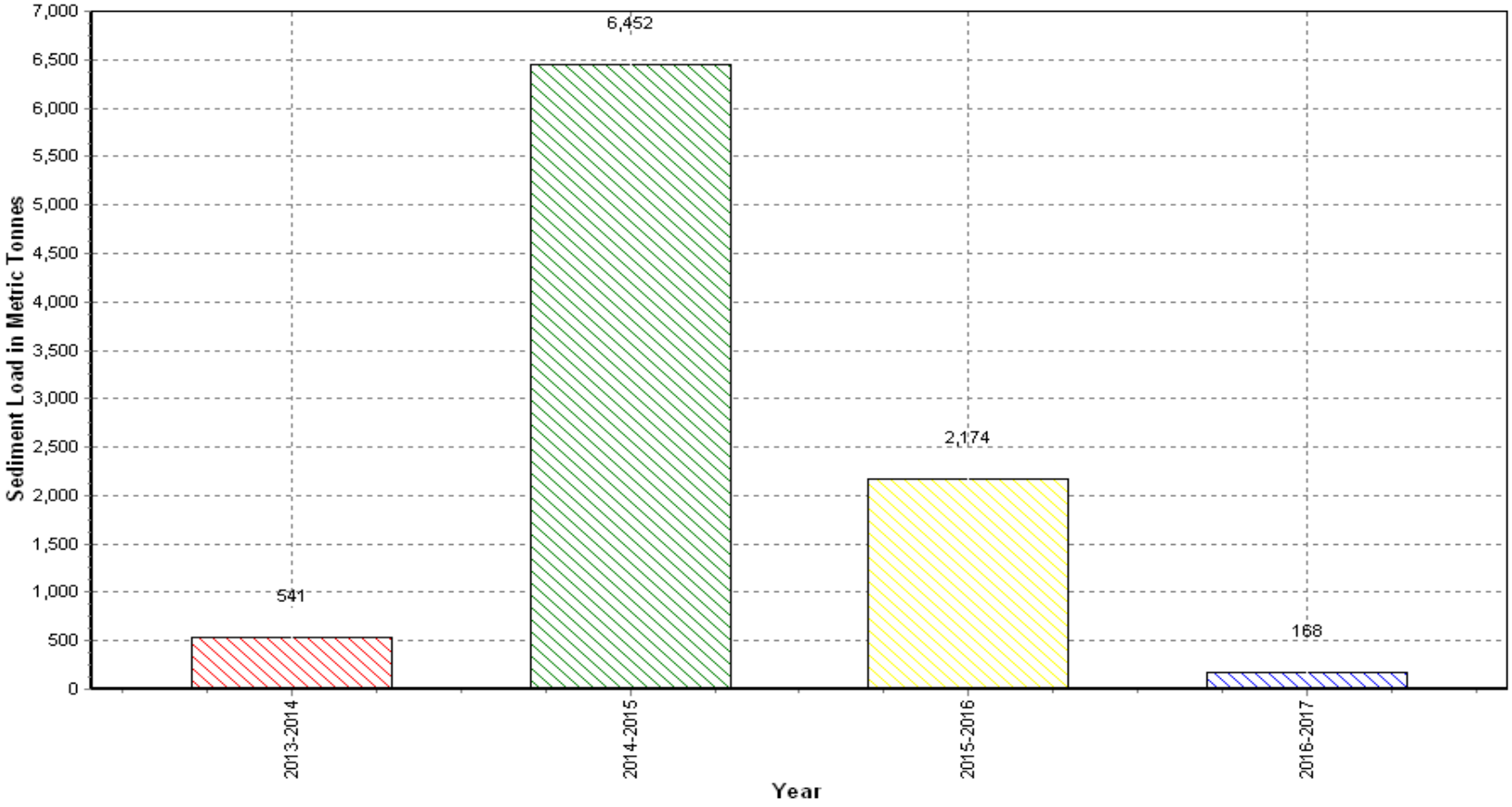
Annual Sediment Load for the period: 2013-2017

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



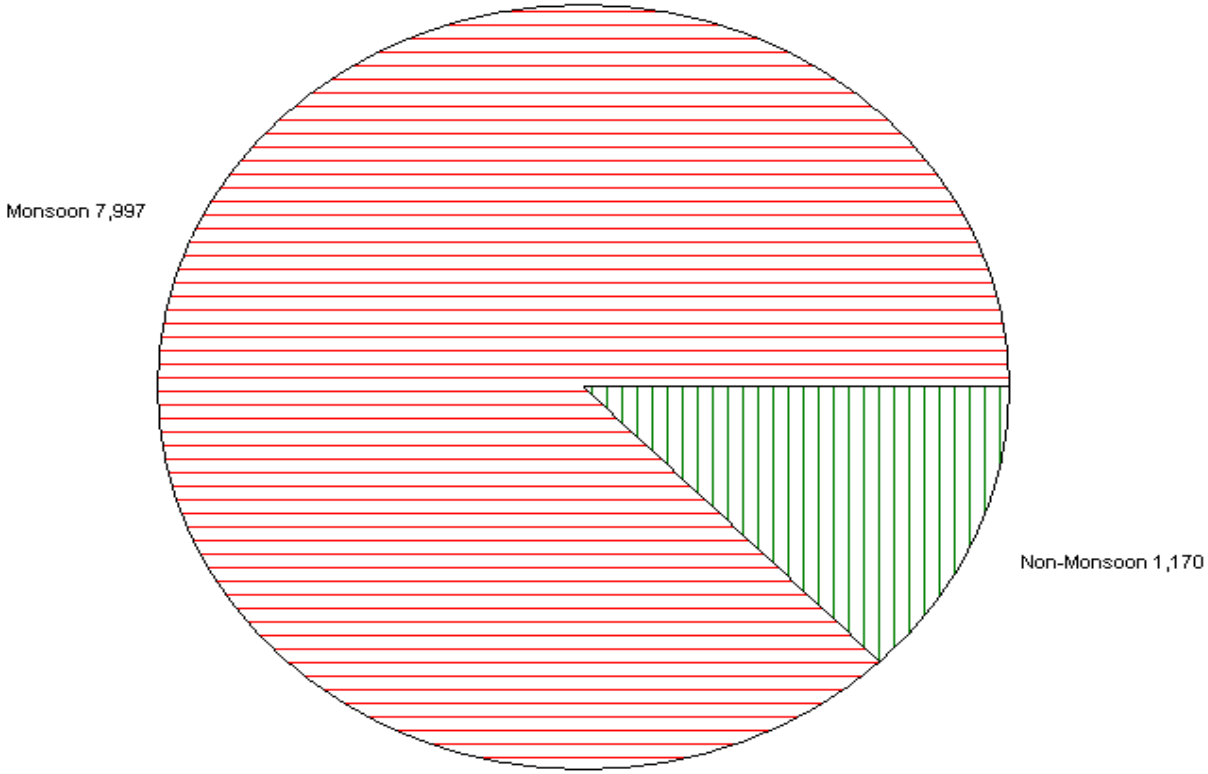
Seasonal Sediment Load for the period : 2013-2016

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

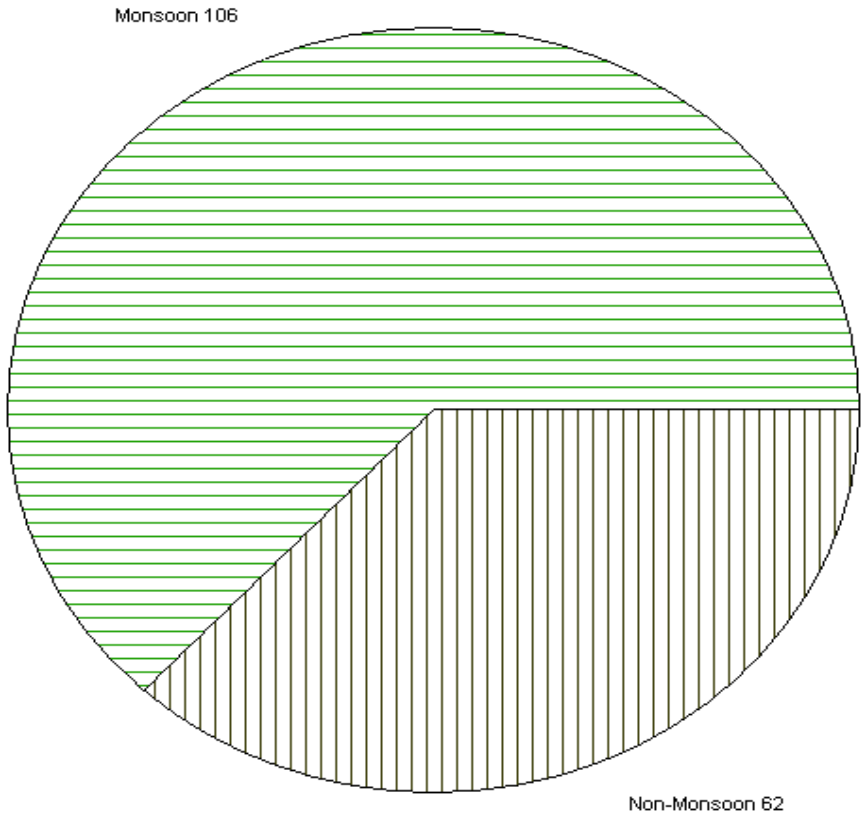
Sub-Division : Middle Cauvery SD, Coimbatore



Seasonal Sediment Load for the Year: 2016-2017

Station Name : KUDLUR (CCK00L9)
Local River : Palar

Division : SR Division, Coimbatore
Sub-Division : Middle Cauvery SD, Coimbatore



BED MATERIAL ANALYSIS DATA

RIVER : **PALAR** **CODE No.** : **CCK00L9**

SITE : **KUDLUR** **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 2016								**DATE OF COLLECTION**			**17/11/2016**						
1	80	436.000	River Bed Dry						2.5	0.41	River Bed Dry						
2	100	435.920							4.5	0.47							
3	120	435.690							10.0	1.41							
4	140	435.180							14.0	1.42						14.0	0.93
POST MONSOON 2016								**DATE OF COLLECTION**			**28/12/2016**						
1	80	436.135	River Bed Dry						4.5	0.47	River Bed Dry						
2	100	435.855							5.5	0.42							
3	120	435.470							17.0	2.33							
4	140	435.070							10.0	1.09						17.0	1.08
PRE MONSOON 2017								**DATE OF COLLECTION**			**20/05/2017**						
1	80	436.135	River Bed Dry						8.0	0.50	River Bed Dry						
2	100	435.840							8.0	0.40							
3	120	435.520							9.0	0.96							
4	140	434.985							16.0	1.97						16.0	0.96

Annual Sediment Load for period : 1972-2017

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
2011-2012	123997	12772	136769	6809

Annual Sediment Load for period : 1972-2017

Station Name : Biligundulu (CC000N7) **Division : Cauvery Division, Bangalore**

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

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

Daily Observed Sediment Datasheet for period : 2016-2017

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	10.37	0.000	0.000	0.015	0.015	13	61.30	0.000	0.000	0.009	0.009	48	155.0	0.000	0.000	0.011	0.011	153
2	9.644	0.000	0.000	0.012	0.012	10	49.47	0.000	0.000	0.009	0.009	39	133.4	0.000	0.000	0.008	0.008	95
3	10.90	0.000	0.000	0.009	0.009	8	47.12	0.000	0.000	0.009	0.009	35	122.8	0.000	0.000	0.010	0.010	104
4	37.27	0.000	0.000	0.008	0.008	26	105.8	0.000	0.000	0.008	0.008	69	104.9	0.000	0.000	0.011	0.011	101
5	50.16	0.000	0.000	0.011	0.011	48	124.3	0.000	0.000	0.009	0.009	96	86.43	0.000	0.000	0.010	0.010	74
6	46.80	0.000	0.000	0.010	0.010	42	103.2	0.000	0.000	0.011	0.011	94	73.20	0.000	0.000	0.011	0.011	71
7	28.87	0.000	0.000	0.012	0.012	30	107.7	0.000	0.000	0.011	0.011	102	100.9	0.000	0.000	0.011	0.011	94
8	16.14	0.000	0.000	0.013	0.013	18	126.7	0.000	0.000	0.009	0.009	102	89.08	0.000	0.000	0.010	0.010	80
9	15.62	0.000	0.000	0.013	0.013	17	148.1	0.000	0.000	0.013	0.013	171	117.8	0.000	0.000	0.009	0.009	93
10	13.69	0.000	0.000	0.014	0.014	17	155.9	0.000	0.000	0.014	0.014	190	89.16	0.000	0.000	0.012	0.012	90
11	10.97	0.000	0.000	0.016	0.016	15	150.5	0.000	0.000	0.015	0.015	189	86.62	0.000	0.000	0.011	0.011	81
12	9.711	0.000	0.000	0.014	0.014	12	166.2	0.000	0.000	0.013	0.013	192	102.1	0.000	0.000	0.010	0.010	87
13	10.88	0.000	0.000	0.016	0.016	15	172.2	0.000	0.000	0.013	0.013	193	90.10	0.000	0.000	0.012	0.012	90
14	10.20	0.000	0.000	0.015	0.015	13	140.6	0.000	0.000	0.008	0.008	102	112.3	0.000	0.000	0.009	0.009	85
15	9.657	0.000	0.000	0.015	0.015	12	257.3	0.000	0.000	0.012	0.012	265	121.9	0.000	0.000	0.010	0.010	100
16	8.112	0.000	0.000	0.013	0.013	9	402.4	0.000	0.000	0.011	0.011	365	112.3	0.000	0.000	0.009	0.009	85
17	7.854	0.000	0.000	0.014	0.014	10	284.5	0.000	0.000	0.013	0.013	317	130.6	0.000	0.000	0.009	0.009	102
18	36.35	0.000	0.000	0.011	0.011	33	272.8	0.000	0.000	0.012	0.012	292	127.1	0.000	0.000	0.009	0.009	96
19	53.29	0.000	0.000	0.018	0.018	81	256.4	0.000	0.000	0.012	0.012	261	135.7	0.000	0.000	0.010	0.010	114
20	63.79	0.000	0.000	0.021	0.021	117	250.5	0.000	0.000	0.012	0.012	268	153.7	0.000	0.000	0.014	0.014	186
21	74.13	0.000	0.000	0.025	0.025	158	199.9	0.000	0.000	0.012	0.012	199	233.7	0.000	0.000	0.011	0.011	220
22	51.66	0.000	0.000	0.010	0.010	45	162.1	0.000	0.000	0.013	0.013	185	275.8	0.000	0.000	0.013	0.013	307
23	53.96	0.000	0.000	0.010	0.010	48	174.4	0.000	0.000	0.013	0.013	200	270.0	0.000	0.000	0.013	0.013	296
24	51.80	0.000	0.000	0.010	0.010	46	179.0	0.000	0.000	0.014	0.014	210	263.2	0.000	0.000	0.014	0.014	316
25	47.62	0.000	0.000	0.011	0.011	44	165.3	0.000	0.000	0.014	0.014	206	277.5	0.000	0.000	0.013	0.013	321
26	48.63	0.000	0.000	0.011	0.011	46	176.5	0.000	0.000	0.012	0.012	178	215.6	0.000	0.000	0.015	0.015	276
27	49.65	0.000	0.000	0.009	0.009	40	164.7	0.000	0.000	0.012	0.012	175	195.7	0.000	0.000	0.014	0.014	228
28	46.37	0.000	0.000	0.011	0.011	44	171.0	0.000	0.000	0.014	0.014	199	192.8	0.000	0.000	0.013	0.013	220
29	33.56	0.000	0.000	0.012	0.012	35	184.5	0.000	0.000	0.012	0.012	196	209.6	0.000	0.000	0.013	0.013	228
30	18.44	0.000	0.000	0.012	0.012	19	206.6	0.000	0.000	0.012	0.012	212	205.9	0.000	0.000	0.012	0.012	208
31							220.2	0.000	0.000	0.013	0.013	240	210.1	0.000	0.000	0.012	0.012	220
Ten Daily Mean																		
Ten Daily I	23.95	0.000	0.000	0.012	0.012	23	103.0	0.000	0.000	0.010	0.010	95	107.3	0.000	0.000	0.010	0.010	95
Ten Daily II	22.08	0.000	0.000	0.015	0.015	32	235.3	0.000	0.000	0.012	0.012	245	117.2	0.000	0.000	0.010	0.010	103
Ten Daily III	47.58	0.000	0.000	0.012	0.012	53	182.2	0.000	0.000	0.013	0.013	200	231.8	0.000	0.000	0.013	0.013	258
Monthly Total						1072						5592						4821

Annual Sediment Load (Metric Tonnes) : 22622

Daily Observed Sediment Datasheet for period : 2016-2017

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	396.8	0.000	0.000	0.011	0.011	374	38.15	0.000	0.000	0.011	0.011	35	67.60	0.000	0.000	0.012	0.012	72
2	216.9	0.000	0.000	0.013	0.013	247	34.31	0.000	0.000	0.012	0.012	35	44.15	0.000	0.000	0.012	0.012	47
3	152.2	0.000	0.000	0.014	0.014	181	40.97	0.000	0.000	0.011	0.011	37	43.56	0.000	0.000	0.012	0.012	46
4	119.5	0.000	0.000	0.013	0.013	136	38.30	0.000	0.000	0.011	0.011	35	37.61	0.000	0.000	0.012	0.012	39
5	119.5	0.000	0.000	0.013	0.013	136	43.72	0.000	0.000	0.011	0.011	43	29.32	0.000	0.000	0.012	0.012	30
6	100.7	0.000	0.000	0.011	0.011	97	29.24	0.000	0.000	0.011	0.011	27	30.51	0.000	0.000	0.012	0.012	32
7	92.12	0.000	0.000	0.012	0.012	94	22.95	0.000	0.000	0.012	0.012	23	34.58	0.000	0.000	0.013	0.013	37
8	95.51	0.000	0.000	0.009	0.009	71	113.9	0.000	0.000	0.009	0.009	89	30.38	0.000	0.000	0.012	0.012	31
9	434.0	0.000	0.000	0.012	0.012	431	171.5	0.000	0.000	0.014	0.014	202	30.36	0.000	0.000	0.011	0.011	28
10	470.2	0.000	0.000	0.010	0.010	402	258.5	0.000	0.000	0.012	0.012	259	29.26	0.000	0.000	0.010	0.010	25
11	459.1	0.000	0.000	0.011	0.011	420	315.4	0.000	0.000	0.011	0.011	308	27.52	0.000	0.000	0.011	0.011	26
12	463.4	0.000	0.000	0.010	0.010	392	250.2	0.000	0.000	0.010	0.010	223	27.12	0.000	0.000	0.010	0.010	23
13	463.6	0.000	0.000	0.010	0.010	397	171.4	0.000	0.000	0.014	0.014	210	26.39	0.000	0.000	0.011	0.011	25
14	399.2	0.000	0.000	0.010	0.010	355	136.6	0.000	0.000	0.009	0.009	102	28.15	0.000	0.000	0.011	0.011	26
15	398.5	0.000	0.000	0.010	0.010	351	256.9	0.000	0.000	0.012	0.012	271	34.76	0.000	0.000	0.011	0.011	33
16	352.3	0.000	0.000	0.011	0.011	341	111.0	0.000	0.000	0.011	0.011	101	67.18	0.000	0.000	0.009	0.009	54
17	337.9	0.000	0.000	0.012	0.012	347	72.69	0.000	0.000	0.009	0.009	59	70.57	0.000	0.000	0.009	0.009	55
18	333.5	0.000	0.000	0.011	0.011	326	61.08	0.000	0.000	0.010	0.010	53	71.31	0.000	0.000	0.009	0.009	58
19	290.4	0.000	0.000	0.012	0.012	306	39.53	0.000	0.000	0.011	0.011	37	67.18	0.000	0.000	0.009	0.009	50
20	272.7	0.000	0.000	0.011	0.011	269	48.25	0.000	0.000	0.012	0.012	50	45.64	0.000	0.000	0.006	0.006	23
21	189.8	0.000	0.000	0.014	0.014	235	41.77	0.000	0.000	0.010	0.010	35	29.45	0.000	0.000	0.010	0.010	25
22	77.93	0.000	0.000	0.009	0.009	62	36.90	0.000	0.000	0.010	0.010	33	29.28	0.000	0.000	0.010	0.010	25
23	77.36	0.000	0.000	0.011	0.011	74	30.37	0.000	0.000	0.012	0.012	30	22.20	0.000	0.000	0.012	0.012	23
24	46.31	0.000	0.000	0.012	0.012	49	17.87	0.000	0.000	0.011	0.011	16	22.55	0.000	0.000	0.012	0.012	23
25	37.69	0.000	0.000	0.012	0.012	37	21.59	0.000	0.000	0.011	0.011	21	19.02	0.000	0.000	0.009	0.009	14
26	38.42	0.000	0.000	0.008	0.008	27	15.34	0.000	0.000	0.015	0.015	20	15.80	0.000	0.000	0.008	0.008	11
27	31.44	0.000	0.000	0.010	0.010	28	14.75	0.000	0.000	0.013	0.013	17	15.97	0.000	0.000	0.009	0.009	12
28	38.61	0.000	0.000	0.011	0.011	36	14.94	0.000	0.000	0.010	0.010	12	23.23	0.000	0.000	0.010	0.010	19
29	40.49	0.000	0.000	0.012	0.012	40	17.42	0.000	0.000	0.011	0.011	17	29.45	0.000	0.000	0.010	0.010	26
30	38.34	0.000	0.000	0.010	0.010	33	17.42	0.000	0.000	0.011	0.011	17	26.44	0.000	0.000	0.011	0.011	26
31							40.43	0.000	0.000	0.012	0.012	42						
Ten Daily Mean																		
Ten Daily I	219.7	0.000	0.000	0.012	0.012	217	79.16	0.000	0.000	0.011	0.011	78	37.73	0.000	0.000	0.012	0.012	39
Ten Daily II	377.1	0.000	0.000	0.011	0.011	350	146.3	0.000	0.000	0.011	0.011	141	46.58	0.000	0.000	0.010	0.010	37
Ten Daily III	61.64	0.000	0.000	0.011	0.011	62	24.43	0.000	0.000	0.011	0.011	24	23.34	0.000	0.000	0.010	0.010	20
Monthly Total						6297						2456						965

Annual Sediment Load (Metric Tonnes) : 22622

Daily Observed Sediment Datasheet for period : 2016-2017

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	27.28	0.000	0.000	0.010	0.010	24	10.64	0.000	0.000	0.009	0.009	8	3.950	0.000	0.000	0.015	0.015	5
2	29.29	0.000	0.000	0.009	0.009	24	14.23	0.000	0.000	0.008	0.008	10	4.074	0.000	0.000	0.013	0.013	4
3	28.04	0.000	0.000	0.010	0.010	24	8.216	0.000	0.000	0.009	0.009	6	4.261	0.000	0.000	0.015	0.015	6
4	29.14	0.000	0.000	0.009	0.009	23	10.39	0.000	0.000	0.009	0.009	8	3.958	0.000	0.000	0.013	0.013	4
5	34.45	0.000	0.000	0.009	0.009	26	10.17	0.000	0.000	0.010	0.010	9	3.921	0.000	0.000	0.012	0.012	4
6	16.55	0.000	0.000	0.008	0.008	11	7.229	0.000	0.000	0.011	0.011	7	3.981	0.000	0.000	0.015	0.015	5
7	17.02	0.000	0.000	0.009	0.009	14	6.559	0.000	0.000	0.011	0.011	6	4.084	0.000	0.000	0.014	0.014	5
8	15.20	0.000	0.000	0.010	0.010	13	7.645	0.000	0.000	0.011	0.011	8	3.861	0.000	0.000	0.014	0.014	5
9	10.88	0.000	0.000	0.010	0.010	9	10.48	0.000	0.000	0.010	0.010	9	3.791	0.000	0.000	0.015	0.015	5
10	8.413	0.000	0.000	0.009	0.009	7	10.37	0.000	0.000	0.010	0.010	9	3.654	0.000	0.000	0.015	0.015	5
11	7.953	0.000	0.000	0.011	0.011	8	8.327	0.000	0.000	0.010	0.010	7	3.513	0.000	0.000	0.014	0.014	4
12	7.532	0.000	0.000	0.011	0.011	7	7.207	0.000	0.000	0.010	0.010	6	3.510	0.000	0.000	0.014	0.014	4
13	8.359	0.000	0.000	0.011	0.011	8	7.283	0.000	0.000	0.010	0.010	7	3.277	0.000	0.000	0.012	0.012	4
14	8.890	0.000	0.000	0.010	0.010	8	8.009	0.000	0.000	0.011	0.011	8	3.510	0.000	0.000	0.013	0.013	4
15	13.01	0.000	0.000	0.008	0.008	9	8.107	0.000	0.000	0.010	0.010	7	3.239	0.000	0.000	0.015	0.015	4
16	32.31	0.000	0.000	0.010	0.010	27	8.563	0.000	0.000	0.011	0.011	8	4.139	0.000	0.000	0.011	0.011	4
17	37.32	0.000	0.000	0.008	0.008	26	6.532	0.000	0.000	0.012	0.012	7	4.027	0.000	0.000	0.013	0.013	4
18	42.11	0.000	0.000	0.008	0.008	30	6.613	0.000	0.000	0.011	0.011	6	3.990	0.000	0.000	0.013	0.013	4
19	35.00	0.000	0.000	0.009	0.009	28	7.429	0.000	0.000	0.011	0.011	7	3.862	0.000	0.000	0.015	0.015	5
20	29.21	0.000	0.000	0.009	0.009	23	7.455	0.000	0.000	0.010	0.010	6	3.774	0.000	0.000	0.016	0.016	5
21	27.47	0.000	0.000	0.012	0.012	28	8.908	0.000	0.000	0.009	0.009	7	3.780	0.000	0.000	0.016	0.016	5
22	29.54	0.000	0.000	0.010	0.010	25	7.421	0.000	0.000	0.010	0.010	7	3.600	0.000	0.000	0.013	0.013	4
23	25.88	0.000	0.000	0.010	0.010	21	5.845	0.000	0.000	0.011	0.011	6	3.235	0.000	0.000	0.013	0.013	4
24	25.47	0.000	0.000	0.009	0.009	20	5.758	0.000	0.000	0.012	0.012	6	2.889	0.000	0.000	0.012	0.012	3
25	13.05	0.000	0.000	0.008	0.008	9	4.765	0.000	0.000	0.013	0.013	5	3.227	0.000	0.000	0.014	0.014	4
26	17.35	0.000	0.000	0.008	0.008	12	5.807	0.000	0.000	0.016	0.016	8	3.218	0.000	0.000	0.014	0.014	4
27	13.30	0.000	0.000	0.008	0.008	9	4.430	0.000	0.000	0.013	0.013	5	2.735	0.000	0.000	0.015	0.015	3
28	11.09	0.000	0.000	0.008	0.008	8	4.128	0.000	0.000	0.013	0.013	5	1.253	0.000	0.000	0.014	0.014	1
29	12.10	0.000	0.000	0.008	0.008	9	5.438	0.000	0.000	0.014	0.014	7						
30	14.81	0.000	0.000	0.008	0.008	10	5.529	0.000	0.000	0.012	0.012	6						
31	11.02	0.000	0.000	0.009	0.009	8	4.268	0.000	0.000	0.012	0.012	4						
Ten Daily Mean																		
Ten Daily I	21.63	0.000	0.000	0.009	0.009	17	9.594	0.000	0.000	0.010	0.010	8	3.953	0.000	0.000	0.014	0.014	5
Ten Daily II	22.17	0.000	0.000	0.010	0.010	17	7.553	0.000	0.000	0.011	0.011	7	3.684	0.000	0.000	0.014	0.014	4
Ten Daily III	18.28	0.000	0.000	0.009	0.009	15	5.663	0.000	0.000	0.012	0.012	6	2.992	0.000	0.000	0.014	0.014	4
Monthly Total						508						215						119

Annual Sediment Load (Metric Tonnes) : 22622

Daily Observed Sediment Datasheet for period : 2016-2017

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	1.868	0.000	0.000	0.014	0.014	2	1.646	0.000	0.000	0.015	0.015	2	2.421	0.000	0.000	0.013	0.013	3
2	1.683	0.000	0.000	0.016	0.016	2	1.459	0.000	0.000	0.014	0.014	2	1.889	0.000	0.000	0.014	0.014	2
3	1.869	0.000	0.000	0.015	0.015	2	1.780	0.000	0.000	0.016	0.016	2	2.647	0.000	0.000	0.016	0.016	4
4	1.860	0.000	0.000	0.016	0.016	3	1.785	0.000	0.000	0.015	0.015	2	2.142	0.000	0.000	0.014	0.014	3
5	1.459	0.000	0.000	0.012	0.012	2	1.778	0.000	0.000	0.016	0.016	2	1.894	0.000	0.000	0.015	0.015	2
6	1.433	0.000	0.000	0.020	0.020	2	1.253	0.000	0.000	0.012	0.012	1	2.145	0.000	0.000	0.014	0.014	3
7	1.668	0.000	0.000	0.016	0.016	2	1.329	0.000	0.000	0.014	0.014	2	2.365	0.000	0.000	0.016	0.016	3
8	2.849	0.000	0.000	0.015	0.015	4	1.343	0.000	0.000	0.014	0.014	2	3.200	0.000	0.000	0.012	0.012	3
9	1.668	0.000	0.000	0.014	0.014	2	1.263	0.000	0.000	0.013	0.013	1	3.158	0.000	0.000	0.013	0.013	3
10	1.780	0.000	0.000	0.013	0.013	2	1.018	0.000	0.000	0.017	0.017	1	5.082	0.000	0.000	0.020	0.020	9
11	1.968	0.000	0.000	0.014	0.014	2	1.004	0.000	0.000	0.016	0.016	1	3.534	0.000	0.000	0.013	0.013	4
12	8.382	0.000	0.000	0.010	0.010	7	1.012	0.000	0.000	0.012	0.012	1	3.535	0.000	0.000	0.012	0.012	4
13	11.02	0.000	0.000	0.009	0.009	9	0.817	0.000	0.000	0.014	0.014	1	3.890	0.000	0.000	0.006	0.006	2
14	7.680	0.000	0.000	0.012	0.012	8	1.080	0.000	0.000	0.012	0.012	1	3.762	0.000	0.000	0.006	0.006	2
15	7.747	0.000	0.000	0.012	0.012	8	1.296	0.000	0.000	0.014	0.014	2	3.209	0.000	0.000	0.002	0.002	1
16	6.756	0.000	0.000	0.011	0.011	7	1.080	0.000	0.000	0.012	0.012	1	2.736	0.000	0.000	0.014	0.014	3
17	6.179	0.000	0.000	0.011	0.011	6	0.853	0.000	0.000	0.015	0.015	1	2.925	0.000	0.000	0.011	0.011	3
18	4.219	0.000	0.000	0.015	0.015	6	0.856	0.000	0.000	0.015	0.015	1	2.201	0.000	0.000	0.012	0.012	2
19	3.834	0.000	0.000	0.014	0.014	5	0.667	0.000	0.000	0.018	0.018	1	2.194	0.000	0.000	0.014	0.014	3
20	3.834	0.000	0.000	0.014	0.014	5	0.686	0.000	0.000	0.015	0.015	1	9.807	0.000	0.000	0.009	0.009	7
21	3.530	0.000	0.000	0.014	0.014	4	0.560	0.000	0.000	0.011	0.011	1	22.21	0.000	0.000	0.020	0.020	38
22	3.249	0.000	0.000	0.012	0.012	3	1.842	0.000	0.000	0.014	0.014	2	9.240	0.000	0.000	0.009	0.009	7
23	3.576	0.000	0.000	0.012	0.012	4	1.888	0.000	0.000	0.015	0.015	2	7.568	0.000	0.000	0.010	0.010	7
24	3.881	0.000	0.000	0.013	0.013	4	1.592	0.000	0.000	0.016	0.016	2	31.06	0.000	0.000	0.011	0.011	28
25	3.284	0.000	0.000	0.014	0.014	4	1.940	0.000	0.000	0.015	0.015	2	29.54	0.000	0.000	0.012	0.012	30
26	2.365	0.000	0.000	0.013	0.013	3	2.644	0.000	0.000	0.013	0.013	3	40.99	0.000	0.000	0.012	0.012	41
27	2.652	0.000	0.000	0.014	0.014	3	3.055	0.000	0.000	0.014	0.014	4	55.17	0.000	0.000	0.010	0.010	49
28	2.307	0.000	0.000	0.016	0.016	3	2.633	0.000	0.000	0.016	0.016	4	43.31	0.000	0.000	0.010	0.010	39
29	2.257	0.000	0.000	0.016	0.016	3	2.152	0.000	0.000	0.015	0.015	3	43.31	0.000	0.000	0.010	0.010	39
30	1.933	0.000	0.000	0.016	0.016	3	2.120	0.000	0.000	0.015	0.015	3	31.24	0.000	0.000	0.011	0.011	29
31	1.680	0.000	0.000	0.015	0.015	2							30.06	0.000	0.000	0.011	0.011	29
Ten Daily Mean																		
Ten Daily I	1.814	0.000	0.000	0.015	0.015	2	1.465	0.000	0.000	0.014	0.014	2	2.694	0.000	0.000	0.015	0.015	4
Ten Daily II	6.162	0.000	0.000	0.012	0.012	6	0.935	0.000	0.000	0.014	0.014	1	3.779	0.000	0.000	0.010	0.010	3
Ten Daily III	2.792	0.000	0.000	0.014	0.014	3	2.043	0.000	0.000	0.014	0.014	3	31.25	0.000	0.000	0.011	0.011	30
Monthly Total						122						55						399

Annual Sediment Load (Metric Tonnes) : 22622

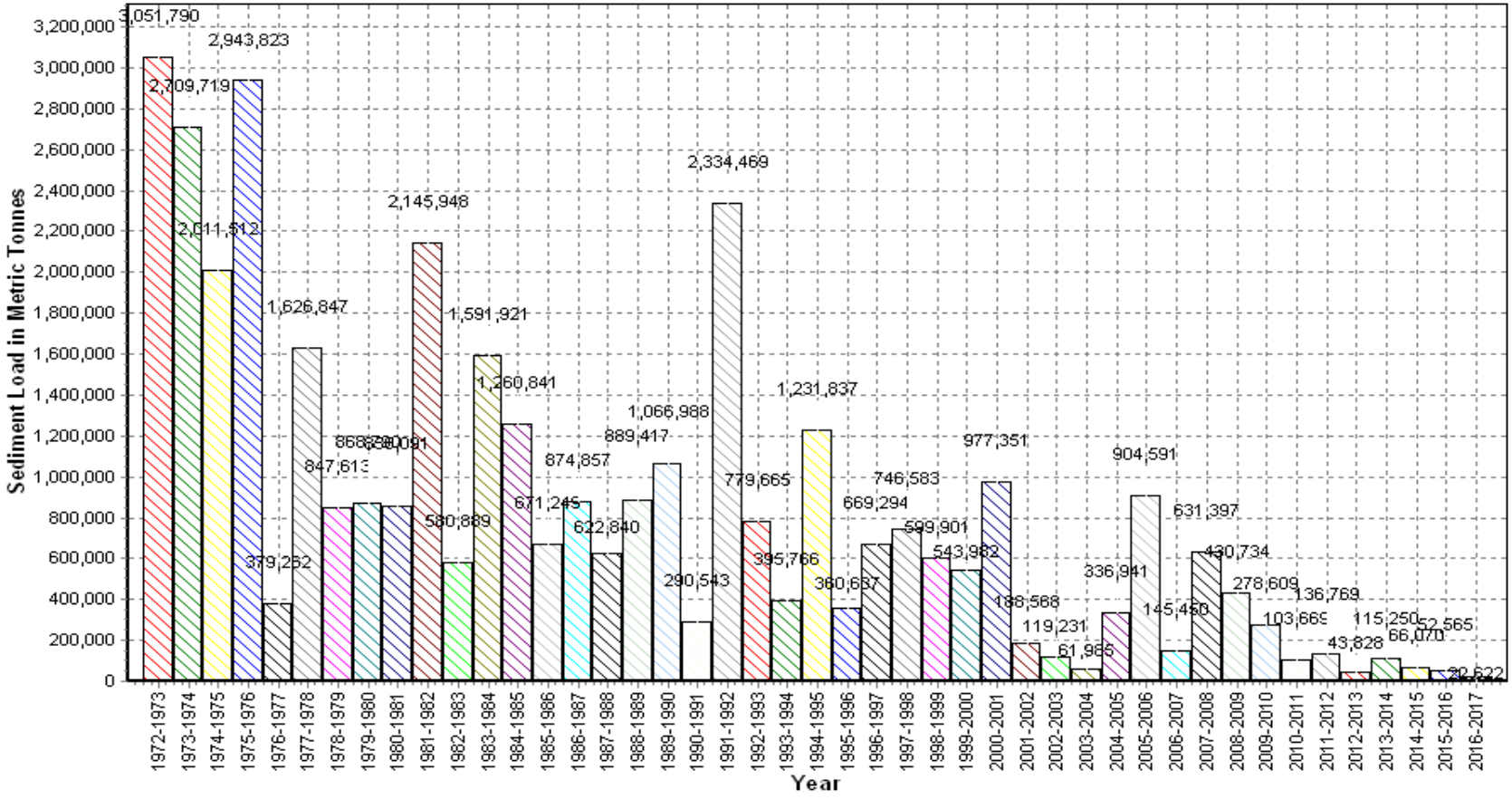
Annual Sediment Load for the period: 1972-2017

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

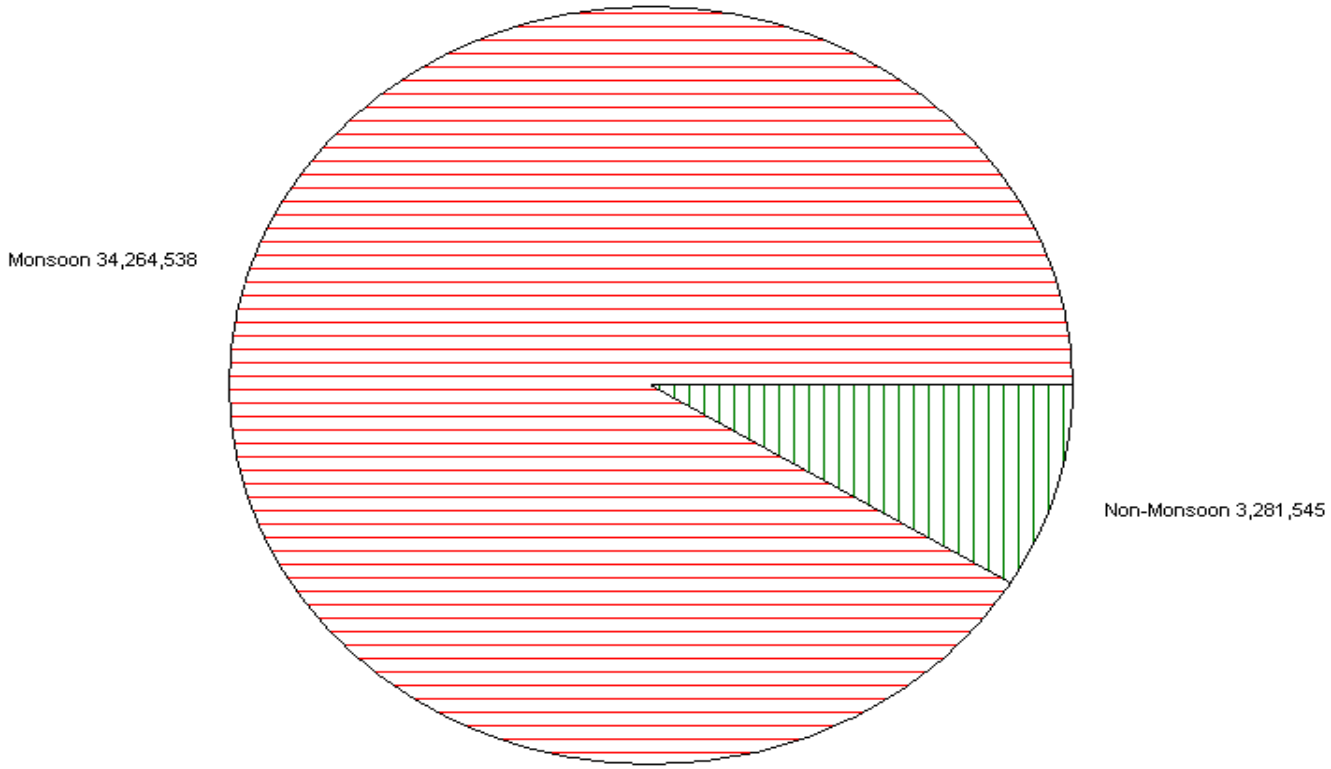
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1972-2016

Station Name : Biligundulu (CC000N7)
Local River : Cauvery

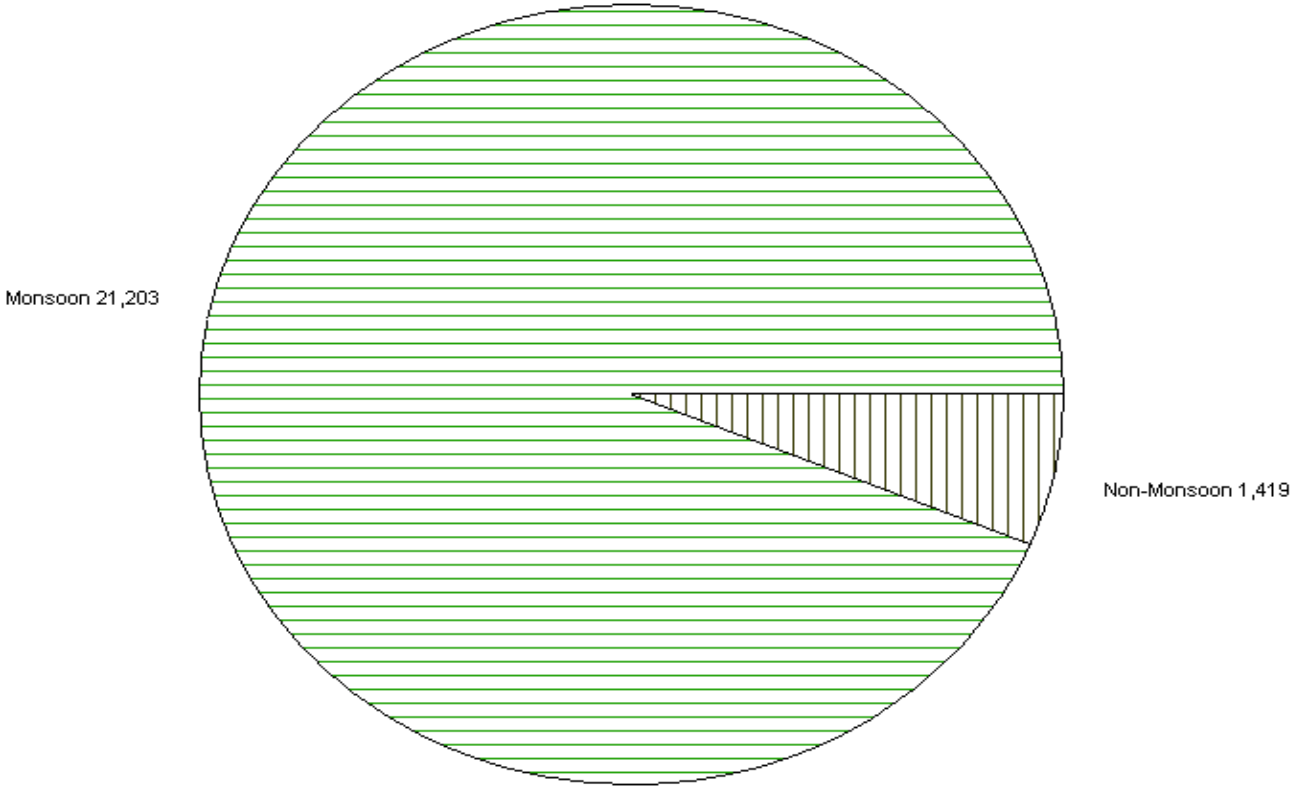
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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

	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
SL. NO.	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 2016											**DATE OF COLLECTION 17.10.2016**						
1	40	260.375	-	-	-	142.9	-	-	3.7	0.43							
2	80	-	257.400	258.200	0.800	142.9	-	-	1.8	0.82							
3	120	-	254.300	258.200	3.9	142.9	0.410	7.990	9.0	1.73	145.124	3.019	0.1660	0.00014	72.73	9	1.11
4	160	-	253.220	258.200	4.98	142.9	0.079	1.730	7.5	2.05							
5	200	-	255.120	258.200	3.08	142.9	-	-	-	0.52							
POSTMONSOON 2016											**DATE OF COLLECTION 13.12.2016**						
1	40	260.375	-	-	-	-	-	-	3.5	0.30							
2	80	257.740	-	-	-	-	-	-	5	0.48							
3	120	-	254.300	257.660	3.36	120.8	0.460	0.8694	11	2.00	122.926	2.9786	0.0230	0.0006	8.434	11	1.01
4	160	-	253.760	257.660	3.90	-	0.086	0.1496	9	2.03							
5	200	-	255.170	257.660	2.49	-	-	-	1.5	0.28							
PREMONSOON 2017											**DATE OF COLLECTION 11.05.2017**						
1	40	260.375	-	-	-		-	-	2.5	0.31							
2	80	257.820	-	-	-		-	-	5.5	0.65							
3	120	-	254.110	257.520	3.41	117.6	-	3.543	11	1.32	120.538	2.8643	0.0103	0.0006	3.543	11	1.07
4	160	-	253.860	257.520	3.66		-	-	5.5	2.85							
5	200	-	255.150	257.520	2.37		-	-	2.5	0.22							
							-										

Annual Sediment Load for period : 2013-2017

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	7859	13850	11498	197

Daily Observed Sediment Datasheet for period : 2016-2017

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
1	16.50	0.000	0.000	0.064	0.064	92	10.72	0.000	0.000	0.063	0.063	58	14.91	0.000	0.000	0.021	0.021	28
2	17.72	0.000	0.000	0.069	0.069	105	10.61	0.000	0.000	0.027	0.027	24	11.36	0.000	0.000	0.022	0.022	22
3	21.10	0.000	0.000	0.082	0.082	150	11.44	0.000	0.000	0.031	0.031	30	9.526	0.000	0.000	0.036	0.036	30
4	18.29	0.000	0.000	0.074	0.074	116	9.533	0.000	0.000	0.026	0.026	21	11.09	0.000	0.000	0.029	0.029	28
5	19.80	0.000	0.000	0.080	0.080	136	10.33	0.000	0.000	0.057	0.057	51	10.25	0.000	0.000	0.036	0.036	32
6	21.15	0.000	0.000	0.082	0.082	150	9.440	0.000	0.000	0.091	0.091	75	8.750	0.000	0.000	0.015	0.015	12
7	20.76	0.000	0.000	0.080	0.080	144	8.701	0.000	0.000	0.085	0.085	64	6.337	0.000	0.000	0.065	0.065	35
8	19.11	0.000	0.000	0.074	0.074	122	10.02	0.000	0.000	0.023	0.023	20	9.359	0.000	0.000	0.095	0.095	77
9	17.72	0.000	0.000	0.069	0.069	105	10.25	0.000	0.000	0.124	0.124	109	7.982	0.000	0.000	0.092	0.092	63
10	17.40	0.000	0.000	0.065	0.065	98	8.915	0.000	0.000	0.085	0.085	65	6.920	0.000	0.000	0.022	0.022	13
11	10.27	0.000	0.000	0.059	0.059	52	8.282	0.000	0.000	0.123	0.123	88	6.995	0.000	0.000	0.053	0.053	32
12	8.701	0.000	0.000	0.044	0.044	33	7.871	0.000	0.000	0.052	0.052	36	6.593	0.000	0.000	0.084	0.084	48
13	10.87	0.000	0.000	0.055	0.055	52	8.282	0.000	0.000	0.051	0.051	36	6.799	0.000	0.000	0.013	0.013	7
14	10.54	0.000	0.000	0.068	0.068	62	7.471	0.000	0.000	0.023	0.023	15	6.935	0.000	0.000	0.013	0.013	8
15	11.18	0.000	0.000	0.050	0.050	48	7.082	0.000	0.000	0.022	0.022	13	5.490	0.000	0.000	0.010	0.010	5
16	8.569	0.000	0.000	0.037	0.037	28	10.96	0.000	0.000	0.019	0.019	18	6.525	0.000	0.000	0.057	0.057	32
17	10.26	0.000	0.000	0.084	0.084	74	11.20	0.000	0.000	0.019	0.019	18	7.315	0.000	0.000	0.026	0.026	16
18	9.303	0.000	0.000	0.059	0.059	47	14.49	0.000	0.000	0.017	0.017	21	6.842	0.000	0.000	0.037	0.037	22
19	10.48	0.000	0.000	0.066	0.066	60	17.79	0.000	0.000	0.020	0.020	31	6.770	0.000	0.000	0.008	0.008	5
20	7.302	0.000	0.000	0.087	0.087	55	10.49	0.000	0.000	0.015	0.015	14	7.517	0.000	0.000	0.120	0.120	78
21	9.517	0.000	0.000	0.076	0.076	63	13.45	0.000	0.000	0.014	0.014	16	6.935	0.000	0.000	0.016	0.016	10
22	11.70	0.000	0.000	0.008	0.008	8	12.55	0.000	0.000	0.017	0.017	19	6.994	0.000	0.000	0.017	0.017	10
23	9.943	0.000	0.000	0.011	0.011	9	12.21	0.000	0.000	0.058	0.058	61	6.746	0.000	0.000	0.017	0.017	10
24	14.64	0.000	0.000	0.121	0.121	152	11.20	0.000	0.000	0.035	0.035	34	7.366	0.000	0.000	0.017	0.017	11
25	12.42	0.000	0.000	0.019	0.019	20	11.99	0.000	0.000	0.013	0.013	13	6.682	0.000	0.000	0.012	0.012	7
26	11.68	0.000	0.000	0.012	0.012	12	12.58	0.000	0.000	0.028	0.028	31	6.478	0.000	0.000	0.030	0.030	17
27	12.11	0.000	0.000	0.013	0.013	13	18.62	0.000	0.000	0.042	0.042	67	10.41	0.000	0.000	0.016	0.016	14
28	10.53	0.000	0.000	0.018	0.018	16	21.89	0.000	0.000	0.049	0.049	92	8.563	0.000	0.000	0.028	0.028	20
29	9.731	0.000	0.000	0.031	0.031	26	25.41	0.000	0.000	0.057	0.057	124	8.187	0.000	0.000	0.040	0.040	28
30	9.424	0.000	0.000	0.060	0.060	49	26.41	0.000	0.000	0.059	0.059	134	8.341	0.000	0.000	0.013	0.013	9
31							26.01	0.000	0.000	0.059	0.059	132	10.50	0.000	0.000	0.014	0.014	13
Ten Daily Mean																		
Ten Daily I	18.96	0.000	0.000	0.074	0.074	122	9.996	0.000	0.000	0.061	0.061	52	9.648	0.000	0.000	0.043	0.043	34
Ten Daily II	9.748	0.000	0.000	0.061	0.061	51	10.39	0.000	0.000	0.036	0.036	29	6.778	0.000	0.000	0.042	0.042	25
Ten Daily III	11.17	0.000	0.000	0.037	0.037	37	17.48	0.000	0.000	0.039	0.039	66	7.928	0.000	0.000	0.020	0.020	13
Monthly Total						2098						1529						741

Annual Sediment Load (Metric Tonnes) : 11314

Daily Observed Sediment Datasheet for period : 2016-2017

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.	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	11.73	0.000	0.000	0.012	0.012	12	4.615	0.000	0.000	0.022	0.022	9	3.382	0.000	0.000	0.036	0.036	10
2	13.21	0.000	0.000	0.047	0.047	53	4.462	0.000	0.000	0.022	0.022	8	3.141	0.000	0.000	0.040	0.040	11
3	9.746	0.000	0.000	0.014	0.014	11	4.194	0.000	0.000	0.030	0.030	11	3.859	0.000	0.000	0.031	0.031	10
4	8.223	0.000	0.000	0.018	0.018	13	2.659	0.000	0.000	0.032	0.032	7	3.581	0.000	0.000	0.026	0.026	8
5	8.903	0.000	0.000	0.020	0.020	15	3.462	0.000	0.000	0.014	0.014	4	4.061	0.000	0.000	0.023	0.023	8
6	8.200	0.000	0.000	0.018	0.018	13	3.959	0.000	0.000	0.016	0.016	5	3.544	0.000	0.000	0.027	0.027	8
7	7.340	0.000	0.000	0.014	0.014	9	3.686	0.000	0.000	0.042	0.042	13	3.288	0.000	0.000	0.032	0.032	9
8	5.762	0.000	0.000	0.013	0.013	6	3.482	0.000	0.000	0.040	0.040	12	3.897	0.000	0.000	0.030	0.030	10
9	5.158	0.000	0.000	0.027	0.027	12	3.333	0.000	0.000	0.019	0.019	5	3.302	0.000	0.000	0.037	0.037	11
10	5.132	0.000	0.000	0.016	0.016	7	3.599	0.000	0.000	0.020	0.020	6	3.117	0.000	0.000	0.014	0.014	4
11	4.222	0.000	0.000	0.038	0.038	14	3.333	0.000	0.000	0.019	0.019	5	3.653	0.000	0.000	0.026	0.026	8
12	4.718	0.000	0.000	0.059	0.059	24	4.222	0.000	0.000	0.021	0.021	8	3.060	0.000	0.000	0.027	0.027	7
13	5.222	0.000	0.000	0.066	0.066	30	9.569	0.000	0.000	0.023	0.023	19	3.128	0.000	0.000	0.028	0.028	8
14	4.242	0.000	0.000	0.039	0.039	14	7.055	0.000	0.000	0.023	0.023	14	3.333	0.000	0.000	0.030	0.030	9
15	5.153	0.000	0.000	0.030	0.030	13	5.850	0.000	0.000	0.025	0.025	13	3.042	0.000	0.000	0.019	0.019	5
16	5.839	0.000	0.000	0.038	0.038	19	4.962	0.000	0.000	0.021	0.021	9	3.662	0.000	0.000	0.013	0.013	4
17	5.649	0.000	0.000	0.052	0.052	25	4.173	0.000	0.000	0.022	0.022	8	3.228	0.000	0.000	0.058	0.058	16
18	5.222	0.000	0.000	0.051	0.051	23	4.198	0.000	0.000	0.019	0.019	7	3.109	0.000	0.000	0.033	0.033	9
19	5.144	0.000	0.000	0.050	0.050	22	3.585	0.000	0.000	0.037	0.037	11	2.992	0.000	0.000	0.035	0.035	9
20	4.296	0.000	0.000	0.037	0.037	14	3.383	0.000	0.000	0.061	0.061	18	3.333	0.000	0.000	0.030	0.030	9
21	5.331	0.000	0.000	0.042	0.042	19	3.707	0.000	0.000	0.103	0.103	33	3.676	0.000	0.000	0.017	0.017	5
22	4.287	0.000	0.000	0.050	0.050	19	3.393	0.000	0.000	0.051	0.051	15	3.074	0.000	0.000	0.031	0.031	8
23	4.007	0.000	0.000	0.047	0.047	16	3.544	0.000	0.000	0.036	0.036	11	3.013	0.000	0.000	0.022	0.022	6
24	3.652	0.000	0.000	0.047	0.047	15	3.684	0.000	0.000	0.022	0.022	7	3.374	0.000	0.000	0.040	0.040	12
25	4.962	0.000	0.000	0.067	0.067	29	4.169	0.000	0.000	0.011	0.011	4	3.033	0.000	0.000	0.021	0.021	5
26	4.264	0.000	0.000	0.058	0.058	21	3.288	0.000	0.000	0.022	0.022	6	3.384	0.000	0.000	0.019	0.019	5
27	4.693	0.000	0.000	0.052	0.052	21	3.836	0.000	0.000	0.009	0.009	3	3.544	0.000	0.000	0.027	0.027	8
28	4.089	0.000	0.000	0.048	0.048	17	3.293	0.000	0.000	0.011	0.011	3	3.262	0.000	0.000	0.021	0.021	6
29	5.328	0.000	0.000	0.025	0.025	11	3.333	0.000	0.000	0.011	0.011	3	2.933	0.000	0.000	0.027	0.027	7
30	6.651	0.000	0.000	0.015	0.015	8	3.763	0.000	0.000	0.019	0.019	6	4.202	0.000	0.000	0.032	0.032	12
31							3.239	0.000	0.000	0.025	0.025	7						
Ten Daily Mean																		
Ten Daily I	8.341	0.000	0.000	0.020	0.020	15	3.745	0.000	0.000	0.026	0.026	8	3.517	0.000	0.000	0.029	0.029	9
Ten Daily II	4.971	0.000	0.000	0.046	0.046	20	5.033	0.000	0.000	0.027	0.027	11	3.254	0.000	0.000	0.030	0.030	8
Ten Daily III	4.726	0.000	0.000	0.045	0.045	18	3.568	0.000	0.000	0.029	0.029	9	3.349	0.000	0.000	0.026	0.026	7
Monthly Total						527						291						247

Annual Sediment Load (Metric Tonnes) : 11314

Daily Observed Sediment Datasheet for period : 2016-2017

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.	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	3,386	0.000	0.000	0.057	0.057	17	3,289	0.000	0.000	0.022	0.022	6	3,368	0.000	0.000	0.028	0.028	8
2	4,107	0.000	0.000	0.039	0.039	14	3,223	0.000	0.000	0.021	0.021	6	3,170	0.000	0.000	0.040	0.040	11
3	6,974	0.000	0.000	0.023	0.023	14	3,511	0.000	0.000	0.038	0.038	11	2,720	0.000	0.000	0.039	0.039	9
4	6,893	0.000	0.000	0.023	0.023	14	3,255	0.000	0.000	0.042	0.042	12	2,792	0.000	0.000	0.027	0.027	7
5	7,322	0.000	0.000	0.022	0.022	14	3,101	0.000	0.000	0.061	0.061	16	3,071	0.000	0.000	0.030	0.030	8
6	7,705	0.000	0.000	0.016	0.016	11	3,278	0.000	0.000	0.030	0.030	8	2,645	0.000	0.000	0.044	0.044	10
7	6,878	0.000	0.000	0.017	0.017	10	3,254	0.000	0.000	0.078	0.078	22	1,557	0.000	0.000	0.054	0.054	7
8	6,441	0.000	0.000	0.023	0.023	13	3,071	0.000	0.000	0.061	0.061	16	2,408	0.000	0.000	0.044	0.044	9
9	4,167	0.000	0.000	0.017	0.017	6	3,065	0.000	0.000	0.061	0.061	16	2,890	0.000	0.000	0.049	0.049	12
10	3,867	0.000	0.000	0.061	0.061	20	3,023	0.000	0.000	0.061	0.061	16	2,442	0.000	0.000	0.037	0.037	8
11	3,289	0.000	0.000	0.052	0.052	15	2,970	0.000	0.000	0.046	0.046	12	2,522	0.000	0.000	0.037	0.037	8
12	3,511	0.000	0.000	0.056	0.056	17	3,031	0.000	0.000	0.084	0.084	22	2,858	0.000	0.000	0.042	0.042	10
13	7,156	0.000	0.000	0.064	0.064	39	3,115	0.000	0.000	0.032	0.032	9	3,127	0.000	0.000	0.033	0.033	9
14	30,68	0.000	0.000	0.050	0.050	133	3,348	0.000	0.000	0.070	0.070	20	2,445	0.000	0.000	0.045	0.045	10
15	12,48	0.000	0.000	0.037	0.037	40	3,289	0.000	0.000	0.051	0.051	14	2,857	0.000	0.000	0.036	0.036	9
16	8,607	0.000	0.000	0.024	0.024	18	3,049	0.000	0.000	0.032	0.032	8	2,321	0.000	0.000	0.040	0.040	8
17	7,347	0.000	0.000	0.023	0.023	14	2,992	0.000	0.000	0.016	0.016	4	1,525	0.000	0.000	0.043	0.043	6
18	6,893	0.000	0.000	0.021	0.021	13	3,117	0.000	0.000	0.021	0.021	6	1,836	0.000	0.000	0.045	0.045	7
19	7,104	0.000	0.000	0.030	0.030	18	2,920	0.000	0.000	0.061	0.061	15	2,069	0.000	0.000	0.072	0.072	13
20	6,835	0.000	0.000	0.038	0.038	22	3,092	0.000	0.000	0.068	0.068	18	3,560	0.000	0.000	0.099	0.099	31
21	6,096	0.000	0.000	0.026	0.026	14	3,361	0.000	0.000	0.071	0.071	21	2,814	0.000	0.000	0.079	0.079	19
22	4,322	0.000	0.000	0.022	0.022	8	3,071	0.000	0.000	0.048	0.048	13	1,825	0.000	0.000	0.051	0.051	8
23	4,158	0.000	0.000	0.019	0.019	7	2,996	0.000	0.000	0.024	0.024	6	1,511	0.000	0.000	0.043	0.043	6
24	5,742	0.000	0.000	0.046	0.046	23	3,148	0.000	0.000	0.026	0.026	7	2,069	0.000	0.000	0.041	0.041	7
25	3,289	0.000	0.000	0.038	0.038	11	3,399	0.000	0.000	0.005	0.005	1	2,704	0.000	0.000	0.039	0.039	9
26	3,254	0.000	0.000	0.037	0.037	10	3,071	0.000	0.000	0.010	0.010	3	2,069	0.000	0.000	0.041	0.041	7
27	3,395	0.000	0.000	0.034	0.034	10	2,989	0.000	0.000	0.014	0.014	4	2,494	0.000	0.000	0.043	0.043	9
28	3,564	0.000	0.000	0.023	0.023	7	3,267	0.000	0.000	0.011	0.011	3	1,802	0.000	0.000	0.050	0.050	8
29	3,240	0.000	0.000	0.029	0.029	8	2,858											
30	2,950	0.000	0.000	0.058	0.058	15	3,656	0.000	0.000	0.014	0.014	4						
31	3,093	0.000	0.000	0.031	0.031	8	3,741	0.000	0.000	0.012	0.012	4						
Ten Daily Mean																		
Ten Daily I	5,774	0.000	0.000	0.030	0.030	13	3,207	0.000	0.000	0.048	0.048	13	2,706	0.000	0.000	0.039	0.039	9
Ten Daily II	9,390	0.000	0.000	0.039	0.039	33	3,092	0.000	0.000	0.048	0.048	13	2,512	0.000	0.000	0.049	0.049	11
Ten Daily III	3,918	0.000	0.000	0.033	0.033	11	3,232	0.000	0.000	0.023	0.023	7	2,161	0.000	0.000	0.048	0.048	9
Monthly Total						582						325						273

Annual Sediment Load (Metric Tonnes) : 11314

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : T. BEKUPPE (T. BEKUPPE) | **Division : Cauvery Division, Bangalore**

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

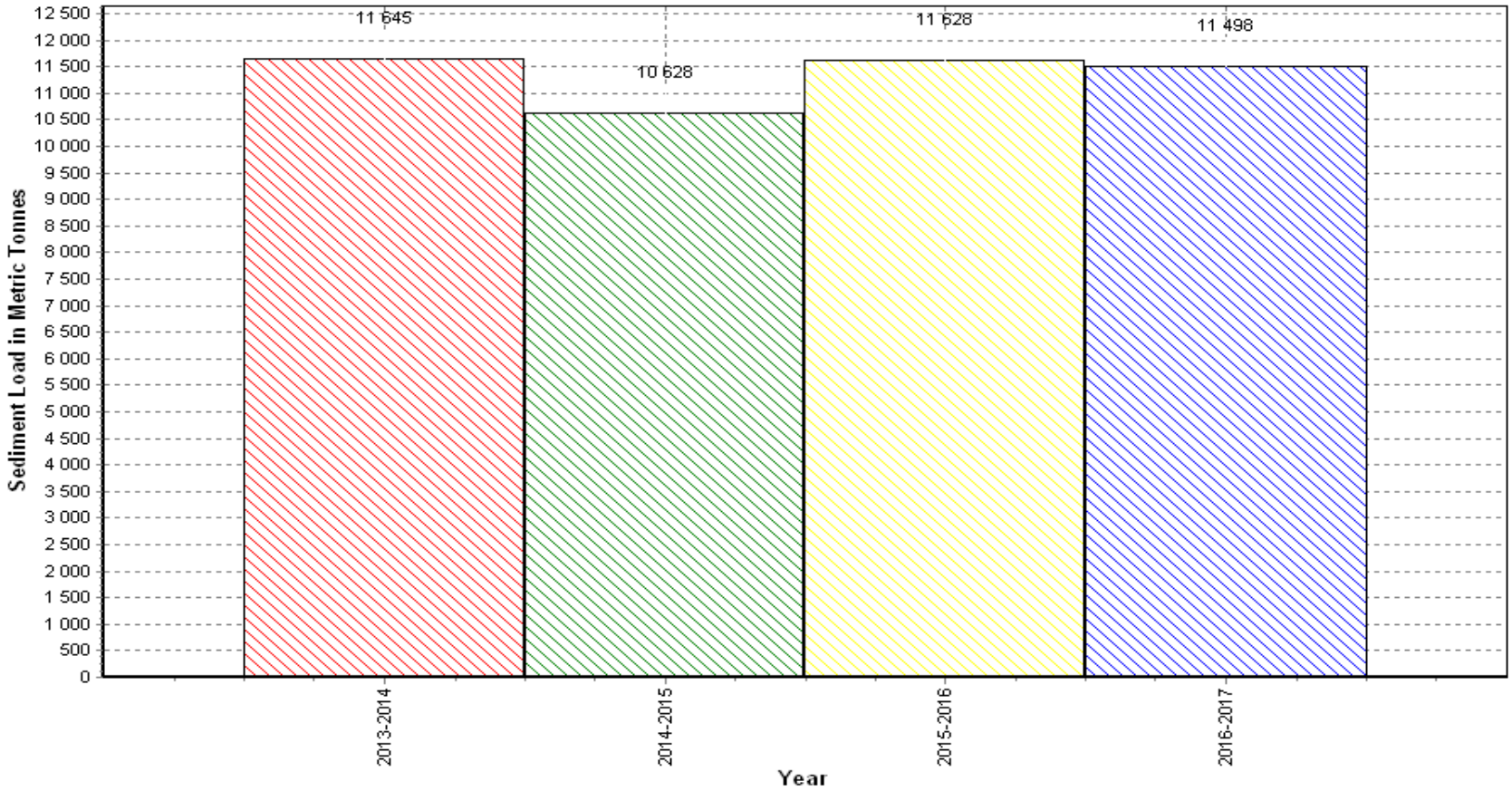
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	2.504	0.000	0.000	0.088	0.088	19	2.632	0.000	0.000	0.025	0.025	6	3.867	0.000	0.000	0.059	0.059	20
2	2.069	0.000	0.000	0.092	0.092	17	0.000	0.000	0.000	0.000	0.000	0	4.547	0.000	0.000	0.026	0.026	10
3	2.506	0.000	0.000	0.045	0.045	10	0.000	0.000	0.000	0.000	0.000	0	3.834	0.000	0.000	0.032	0.032	10
4	1.497	0.000	0.000	0.027	0.027	3	0.000	0.000	0.000	0.000	0.000	0	3.765	0.000	0.000	0.040	0.040	13
5	2.069	0.000	0.000	0.037	0.037	7	0.000	0.000	0.000	0.000	0.000	0	3.000	0.000	0.000	0.034	0.034	9
6	2.668	0.000	0.000	0.055	0.055	13	1.370	0.000	0.000	0.045	0.045	5	2.634	0.000	0.000	0.023	0.023	5
7	3.679	0.000	0.000	0.025	0.025	8	2.919	0.000	0.000	0.017	0.017	4	2.069	0.000	0.000	0.018	0.018	3
8	3.791	0.000	0.000	0.079	0.079	26	3.088	0.000	0.000	0.023	0.023	6	3.013	0.000	0.000	0.087	0.087	23
9	9.458	0.000	0.000	0.044	0.044	36	2.069	0.000	0.000	0.015	0.015	3	3.163	0.000	0.000	0.020	0.020	5
10	5.550	0.000	0.000	0.059	0.059	28	2.588	0.000	0.000	0.020	0.020	4	4.711	0.000	0.000	0.029	0.029	12
11	4.832	0.000	0.000	0.033	0.033	14	0.000	0.000	0.000	0.000	0.000	0	6.965	0.000	0.000	0.034	0.034	20
12	2.858	0.000	0.000	0.025	0.025	6	0.000	0.000	0.000	0.000	0.000	0	6.840	0.000	0.000	0.030	0.030	18
13	4.065	0.000	0.000	0.036	0.036	13	0.000	0.000	0.000	0.000	0.000	0	6.013	0.000	0.000	0.035	0.035	18
14	1.937	0.000	0.000	0.040	0.040	7	0.000	0.000	0.000	0.000	0.000	0	4.711	0.000	0.000	0.028	0.028	11
15	2.559	0.000	0.000	0.047	0.047	10	0.000	0.000	0.000	0.000	0.000	0	6.874	0.000	0.000	0.047	0.047	28
16	2.827	0.000	0.000	0.047	0.047	11	0.000	0.000	0.000	0.000	0.000	0	4.000	0.000	0.000	0.026	0.026	9
17	2.567	0.000	0.000	0.055	0.055	12	0.000	0.000	0.000	0.000	0.000	0	9.639	0.000	0.000	0.131	0.131	109
18	2.822	0.000	0.000	0.045	0.045	11	0.000	0.000	0.000	0.000	0.000	0	6.766	0.000	0.000	0.146	0.146	86
19	2.858	0.000	0.000	0.046	0.046	11	3.498	0.000	0.000	0.045	0.045	13	16.46	0.000	0.000	0.178	0.178	253
20	1.871	0.000	0.000	0.039	0.039	6	3.173	0.000	0.000	0.045	0.045	12	15.95	0.000	0.000	0.172	0.172	237
21	2.639	0.000	0.000	0.047	0.047	11	3.483	0.000	0.000	0.036	0.036	11	14.14	0.000	0.000	0.153	0.153	186
22	1.962	0.000	0.000	0.033	0.033	6	4.605	0.000	0.000	0.031	0.031	12	16.98	0.000	0.000	0.183	0.183	269
23	2.461	0.000	0.000	0.043	0.043	9	2.858	0.000	0.000	0.063	0.063	15	18.31	0.000	0.000	0.198	0.198	313
24	5.833	0.000	0.000	0.024	0.024	12	2.224	0.000	0.000	0.094	0.094	18	16.73	0.000	0.000	0.181	0.181	261
25	6.202	0.000	0.000	0.027	0.027	14	1.983	0.000	0.000	0.241	0.241	41	18.31	0.000	0.000	0.198	0.198	313
26	2.858	0.000	0.000	0.098	0.098	24	3.763	0.000	0.000	0.018	0.018	6	15.95	0.000	0.000	0.172	0.172	237
27	1.950	0.000	0.000	0.067	0.067	11	2.536	0.000	0.000	0.049	0.049	11	21.32	0.000	0.000	0.252	0.252	464
28	1.225	0.000	0.000	0.064	0.064	7	1.803	0.000	0.000	0.058	0.058	9	37.13	0.000	0.000	0.226	0.226	725
29	1.225	0.000	0.000	0.064	0.064	7	1.256	0.000	0.000	0.111	0.111	12	16.98	0.000	0.000	0.201	0.201	294
30	1.946	0.000	0.000	0.051	0.051	9	2.069	0.000	0.000	0.182	0.182	33	13.38	0.000	0.000	0.145	0.145	167
31	2.182	0.000	0.000	0.049	0.049	9							13.43	0.000	0.000	0.127	0.127	147
Ten Daily Mean																		
Ten Daily I	3.579	0.000	0.000	0.055	0.055	17	1.467	0.000	0.000	0.014	0.014	3	3.460	0.000	0.000	0.037	0.037	11
Ten Daily II	2.919	0.000	0.000	0.041	0.041	10	0.667	0.000	0.000	0.009	0.009	3	8.422	0.000	0.000	0.083	0.083	79
Ten Daily III	2.771	0.000	0.000	0.052	0.052	11	2.658	0.000	0.000	0.088	0.088	17	18.42	0.000	0.000	0.185	0.185	307
Monthly Total						386						222						4276

Annual Sediment Load (Metric Tonnes) : 11314

Annual 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



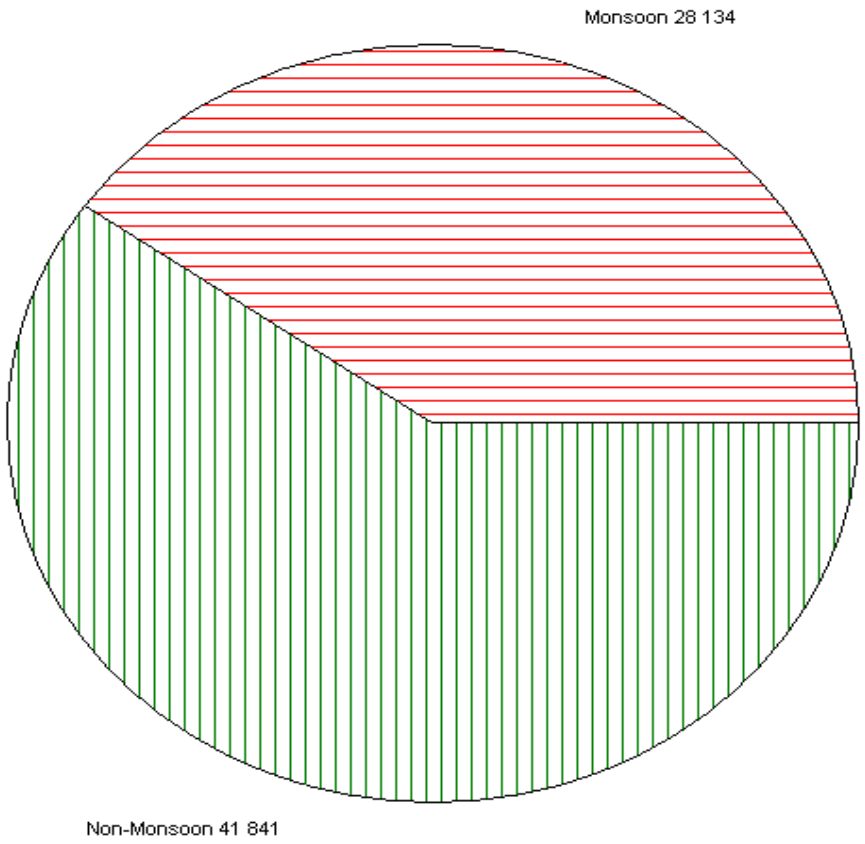
Seasonal Sediment Load for the period : 2013-2016

Station Name : T. BEKUPPE (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

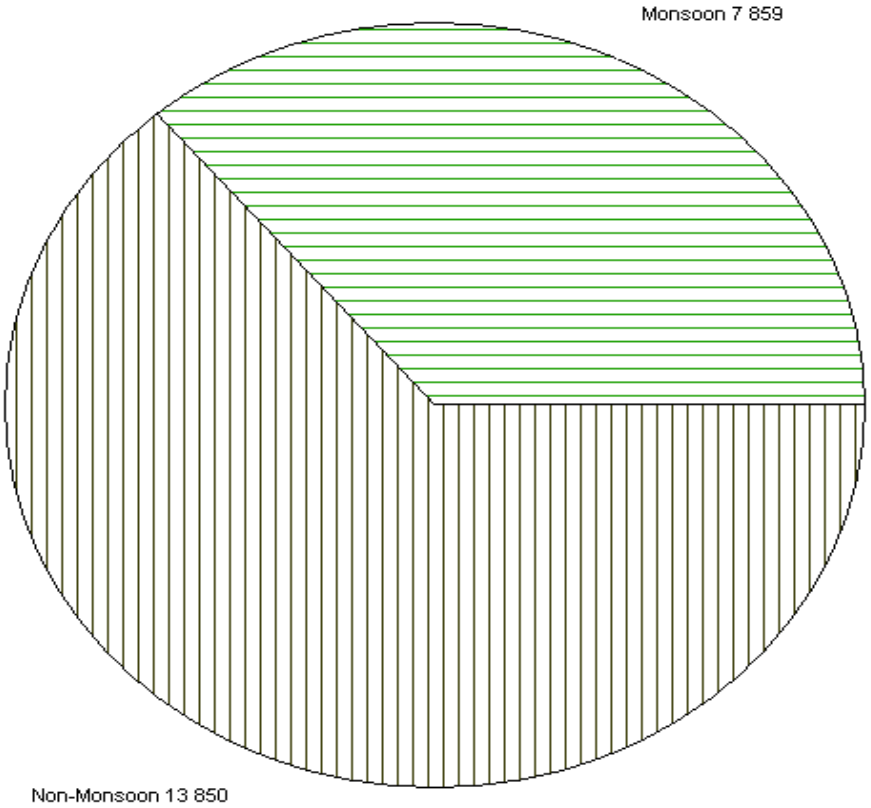
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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.** : T.Bekuppe

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 2016 DATE OF COLLECTION																	
1																	
2																	
3							Sample not collected										
4																	
POSTMONSOON 2016 DATE OF COLLECTION 28.12.2016																	
1	80	-	602.480	604.470	1.99	20	-	-	-	0.54							
2	100	-	603.430	604.470	1.04	20	-	-	9	1.89							
3	120	-	601.910	604.470	2.56	20	-	-	-	0.58	82.315	1.6777	0.0251	0.00016	3.471	9	0.90
4	140	-	602.410	604.470	2.06	20	-	-	-	0.61							
PREMONSOON 2017 DATE OF COLLECTION 27.05.2017																	
1	80	-	602.500	605.300	2.80	20	-	-	18	4.78							
2	100	-	603.430	605.300	1.87	20	-	-	18	4.12							
3	120	-	601.860	605.300	3.44	20	-	-	09	2.64	87.792	2.3225	0.1047	0.00016	21.35	18	3.92
4	140	-	602.830	605.300	2.47	20	-	-	18	4.17							

Annual Sediment Load for period : 1985-2017

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	Sediment Observation not done			465
2007-2008	Sediment Observation not done			666
2008-2009	9063 *	1698	10761*	738
2009-2010	27213	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	232	0	232	8

*Partial Data

Daily Observed Sediment Datasheet for period : 2016-2017

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) : 0

Daily Observed Sediment Datasheet for period : 2016-2017

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	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	51.24	0.000	0.000	0.031	0.031	137	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	31.52	0.000	0.000	0.030	0.030	81	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	14.44	0.000	0.000	0.011	0.011	14	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	9.720	0.000	0.000	0.007	0.007	23	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						232						0

Annual Sediment Load (Metric Tonnes) : 0

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	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 : 2016-2017

Station Name : T.K.Halli (CCM00B9) | **Division : Cauvery Division, Bangalore**

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

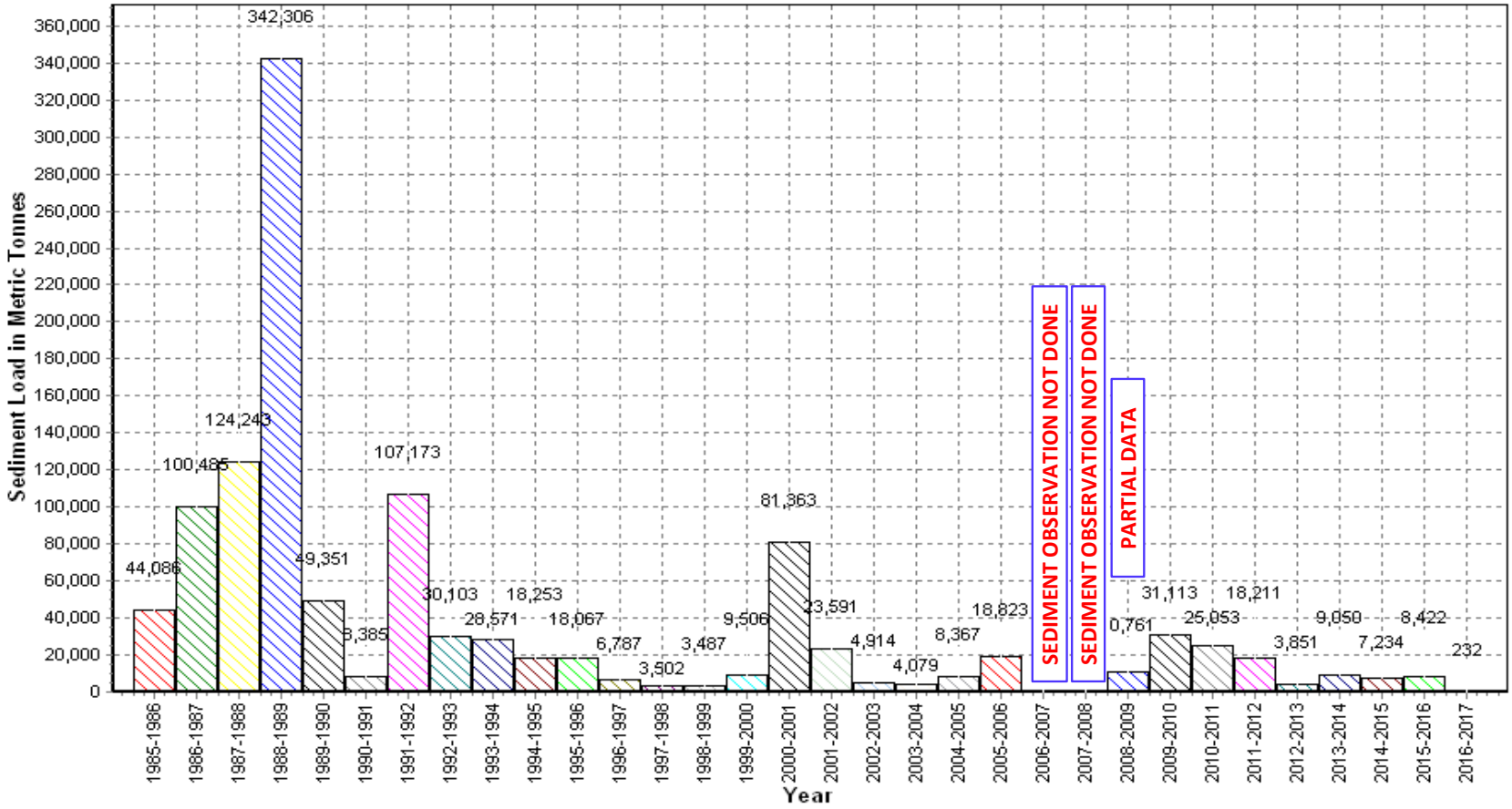
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	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) : 0

Annual Sediment Load for the period: 1985-2017

Station Name : T.K.Halli (CCM00B9)
Local River : Shimsa

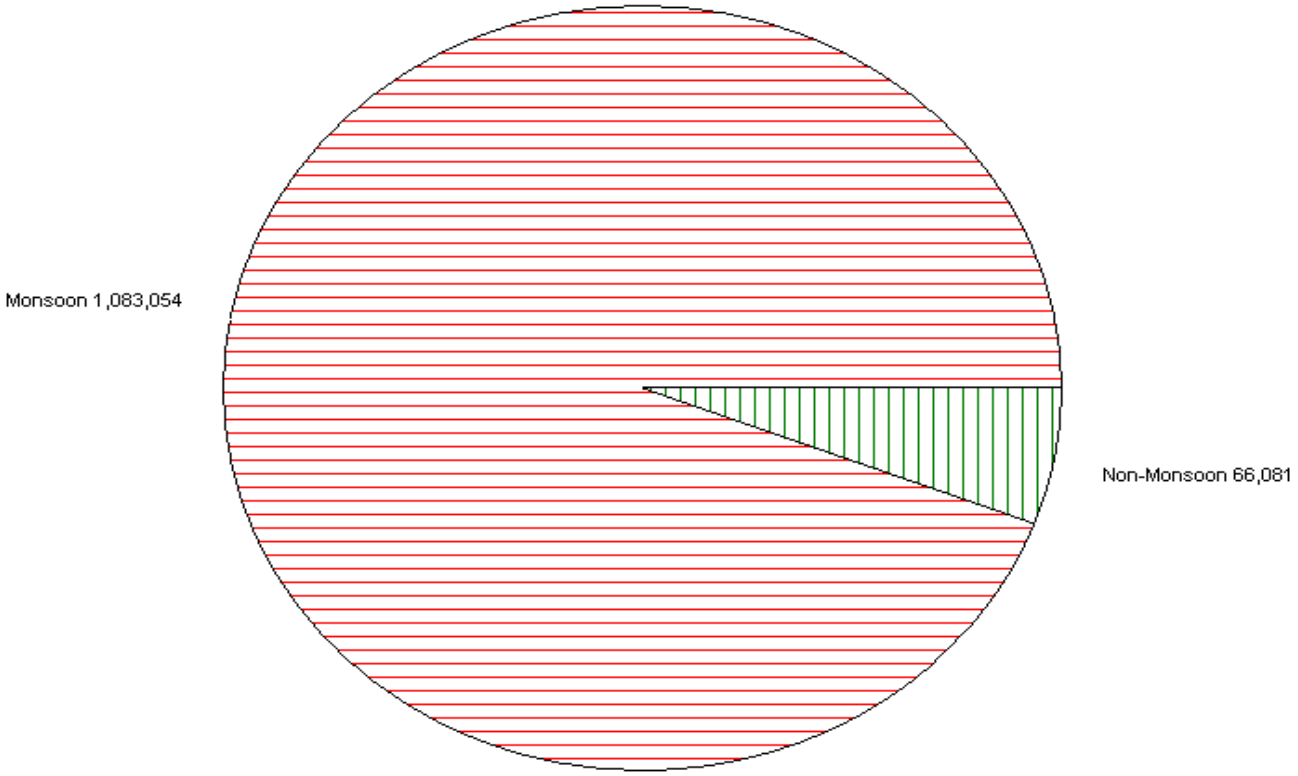
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1985-2016

Station Name : T.K.Halli (CCM00B9)
Local River : Shimsa

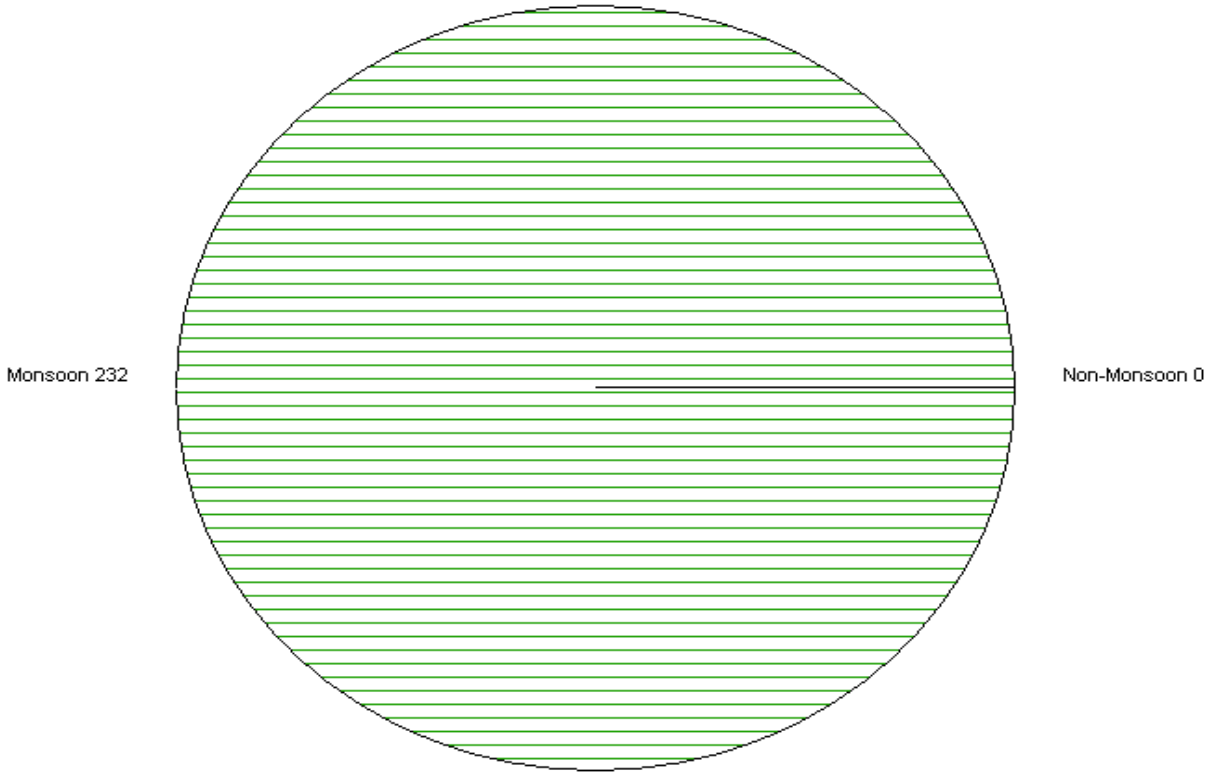
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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 2016							DATE OF COLLECTION				00-00-0000						
1							Sample not collected										
2																	
3																	
POSTMONSOON 2016							DATE OF COLLECTION				26.12.2016						
1	30	-	581.100	580.620	-	30			5	1.19							
2	60	-	579.400	580.620	1.685	30	NO FLOW		5	1.76			NO FLOW			9	1.68
3	90	-	579.505	580.620	1.580	30			9	2.10							
PREMONSOON 2017							DATE OF COLLECTION				19.05.2017						
1	35	-	580.080	580.820	0.740	30			9	0.98							
2	60	-	579.320	580.820	1.500	30	--No Flow --		9	1.73			-- No Flow --			9	1.50
3	90	-	579.305	580.820	2.135	30			5.5	1.81							

Annual Sediment Load for period : 1972-2017

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)
1972-1973	746554	477901	1224454	7730
1973-1974	807087	7687	814774	9808
1974-1975	660919	5781	666701	7497
1975-1976	486294	8250	494544	11149
1976-1977	115184	43032	158216	3791
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

Annual Sediment Load for period : 1972-2017

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

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

2012-2013	11805	2190	13995	2032
2013-2014	119087	1161	120248	6938
2014-2015	61522	2729	64252	5632
2015-2016	8101	757	8859	3182
2016-2017	5477	361	5837	1730

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	0	35.74	0.000	0.000	0.002	0.002	6	126.0	0.000	0.000	0.003	0.003	33
2	14.73	0.000	0.000	0.004	0.004	5	34.03	0.000	0.000	0.002	0.002	6	114.4	0.000	0.000	0.003	0.003	30
3	24.64	0.000	0.000	0.003	0.003	6	119.8	0.000	0.000	0.002	0.002	22	95.22	0.000	0.000	0.003	0.003	28
4	35.52	0.000	0.000	0.002	0.002	7	134.7	0.000	0.000	0.002	0.002	26	72.33	0.000	0.000	0.002	0.002	10
5	20.32	0.000	0.000	0.001	0.001	2	113.6	0.000	0.000	0.002	0.002	24	94.33	0.000	0.000	0.002	0.002	13
6	0.000	0.000	0.000	0.000	0.000	0	119.9	0.000	0.000	0.002	0.002	22	95.74	0.000	0.000	0.002	0.002	13
7	0.000	0.000	0.000	0.000	0.000	0	113.7	0.000	0.000	0.002	0.002	22	84.05	0.000	0.000	0.002	0.002	11
8	0.000	0.000	0.000	0.000	0.000	0	139.9	0.000	0.000	0.002	0.002	28	119.1	0.000	0.000	0.002	0.002	15
9	0.000	0.000	0.000	0.000	0.000	0	156.1	0.000	0.000	0.002	0.002	30	111.8	0.000	0.000	0.002	0.002	14
10	0.000	0.000	0.000	0.000	0.000	0	148.1	0.000	0.000	0.002	0.002	28	101.6	0.000	0.000	0.001	0.001	12
11	0.000	0.000	0.000	0.000	0.000	0	149.9	0.000	0.000	0.002	0.002	28	103.4	0.000	0.000	0.002	0.002	14
12	0.000	0.000	0.000	0.000	0.000	0	164.7	0.000	0.000	0.002	0.002	31	99.94	0.000	0.000	0.002	0.002	15
13	0.000	0.000	0.000	0.000	0.000	0	147.5	0.000	0.000	0.002	0.002	31	119.0	0.000	0.000	0.002	0.002	16
14	0.000	0.000	0.000	0.000	0.000	0	176.0	0.000	0.000	0.003	0.003	41	134.4	0.000	0.000	0.002	0.002	17
15	0.000	0.000	0.000	0.000	0.000	0	275.0	0.000	0.000	0.002	0.002	55	116.7	0.000	0.000	0.001	0.001	14
16	28.44	0.000	0.000	0.002	0.002	6	260.6	0.000	0.000	0.002	0.002	52	119.7	0.000	0.000	0.002	0.002	16
17	32.85	0.000	0.000	0.002	0.002	6	227.8	0.000	0.000	0.002	0.002	47	138.1	0.000	0.000	0.003	0.003	38
18	38.52	0.000	0.000	0.002	0.002	7	221.0	0.000	0.000	0.003	0.003	48	143.1	0.000	0.000	0.003	0.003	36
19	55.42	0.000	0.000	0.002	0.002	9	231.8	0.000	0.000	0.002	0.002	48	145.3	0.000	0.000	0.003	0.003	31
20	47.19	0.000	0.000	0.002	0.002	7	211.6	0.000	0.000	0.003	0.003	48	251.8	0.000	0.000	0.003	0.003	57
21	40.03	0.000	0.000	0.002	0.002	7	174.6	0.000	0.000	0.003	0.003	39	256.9	0.000	0.000	0.003	0.003	60
22	31.10	0.000	0.000	0.002	0.002	5	161.6	0.000	0.000	0.003	0.003	35	254.1	0.000	0.000	0.003	0.003	61
23	27.27	0.000	0.000	0.002	0.002	5	176.2	0.000	0.000	0.003	0.003	40	246.9	0.000	0.000	0.003	0.003	62
24	29.41	0.000	0.000	0.002	0.002	5	172.2	0.000	0.000	0.003	0.003	40	246.7	0.000	0.000	0.003	0.003	60
25	31.39	0.000	0.000	0.002	0.002	5	172.0	0.000	0.000	0.003	0.003	42	252.7	0.000	0.000	0.003	0.003	63
26	27.27	0.000	0.000	0.002	0.002	5	173.7	0.000	0.000	0.003	0.003	45	212.1	0.000	0.000	0.003	0.003	55
27	12.48	0.000	0.000	0.004	0.004	4	165.2	0.000	0.000	0.003	0.003	37	204.1	0.000	0.000	0.003	0.003	48
28	0.000	0.000	0.000	0.000	0.000	0	163.5	0.000	0.000	0.003	0.003	35	207.8	0.000	0.000	0.003	0.003	50
29	29.41	0.000	0.000	0.002	0.002	5	166.4	0.000	0.000	0.003	0.003	37	209.9	0.000	0.000	0.003	0.003	53
30	40.33	0.000	0.000	0.002	0.002	6	166.8	0.000	0.000	0.003	0.003	40	214.7	0.000	0.000	0.003	0.003	50
31							136.7	0.000	0.000	0.002	0.002	27	248.9	0.000	0.000	0.003	0.003	62
Ten Daily Mean																		
Ten Daily I	9.521	0.000	0.000	0.001	0.001	2	111.5	0.000	0.000	0.002	0.002	21	101.5	0.000	0.000	0.002	0.002	18
Ten Daily II	20.24	0.000	0.000	0.001	0.001	3	206.6	0.000	0.000	0.002	0.002	43	137.1	0.000	0.000	0.002	0.002	25
Ten Daily III	26.87	0.000	0.000	0.002	0.002	5	166.3	0.000	0.000	0.003	0.003	38	232.2	0.000	0.000	0.003	0.003	57
Monthly Total						101						1058						1058

Annual Sediment Load (Metric Tonnes) : 5837

Daily Observed Sediment Datasheet for period : 2016-2017

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	257.3	0.000	0.000	0.003	0.003	71	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	157.2	0.000	0.000	0.003	0.003	45	0.000	0.000	0.000	0.000	0.000	0	61.17	0.000	0.000	0.002	0.002	12
3	129.4	0.000	0.000	0.004	0.004	46	0.000	0.000	0.000	0.000	0.000	0	54.62	0.000	0.000	0.002	0.002	11
4	134.4	0.000	0.000	0.004	0.004	49	0.000	0.000	0.000	0.000	0.000	0	15.98	0.000	0.000	0.003	0.003	4
5	108.2	0.000	0.000	0.002	0.002	21	0.000	0.000	0.000	0.000	0.000	0	23.02	0.000	0.000	0.004	0.004	8
6	105.3	0.000	0.000	0.002	0.002	19	54.63	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0
7	107.2	0.000	0.000	0.002	0.002	19	119.3	0.000	0.000	0.002	0.002	20	0.000	0.000	0.000	0.000	0.000	0
8	335.0	0.000	0.000	0.006	0.006	179	158.8	0.000	0.000	0.004	0.004	48	0.000	0.000	0.000	0.000	0.000	0
9	360.3	0.000	0.000	0.006	0.006	199	192.3	0.000	0.000	0.004	0.004	60	0.000	0.000	0.000	0.000	0.000	0
10	355.6	0.000	0.000	0.006	0.006	194	261.0	0.000	0.000	0.004	0.004	83	0.000	0.000	0.000	0.000	0.000	0
11	410.3	0.000	0.000	0.007	0.007	255	251.2	0.000	0.000	0.003	0.003	56	0.000	0.000	0.000	0.000	0.000	0
12	352.0	0.000	0.000	0.006	0.007	204	157.7	0.000	0.000	0.003	0.003	37	0.000	0.000	0.000	0.000	0.000	0
13	393.8	0.000	0.000	0.007	0.008	255	117.5	0.000	0.000	0.002	0.002	20	0.000	0.000	0.000	0.000	0.000	0
14	330.5	0.000	0.000	0.007	0.007	203	167.9	0.000	0.000	0.004	0.004	52	0.000	0.000	0.000	0.000	0.000	0
15	308.0	0.000	0.000	0.007	0.007	189	116.4	0.000	0.000	0.002	0.002	15	0.000	0.000	0.000	0.000	0.000	0
16	287.3	0.000	0.000	0.007	0.007	184	58.58	0.000	0.000	0.002	0.002	9	62.96	0.000	0.000	0.002	0.002	11
17	281.5	0.000	0.000	0.007	0.007	173	60.98	0.000	0.000	0.002	0.002	11	71.14	0.000	0.000	0.002	0.002	12
18	268.2	0.000	0.000	0.007	0.007	160	42.97	0.000	0.000	0.002	0.002	9	74.46	0.000	0.000	0.002	0.002	12
19	264.4	0.000	0.000	0.007	0.007	158	37.16	0.000	0.000	0.003	0.003	8	40.33	0.000	0.000	0.003	0.003	9
20	248.2	0.000	0.000	0.003	0.003	62	25.57	0.000	0.000	0.004	0.004	9	0.000	0.000	0.000	0.000	0.000	0
21	110.9	0.000	0.000	0.002	0.002	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	63.34	0.000	0.000	0.002	0.002	12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	28.10	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	20.12	0.000	0.000	0.004	0.004	7	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							63.34	0.000	0.000	0.002	0.002	11						
Ten Daily Mean																		
Ten Daily I	205.0	0.000	0.000	0.004	0.004	84	78.60	0.000	0.000	0.001	0.001	22	15.48	0.000	0.000	0.001	0.001	3
Ten Daily II	314.4	0.000	0.000	0.006	0.007	184	103.6	0.000	0.000	0.003	0.003	23	24.89	0.000	0.000	0.001	0.001	4
Ten Daily III	22.25	0.000	0.000	0.001	0.001	4	5.758	0.000	0.000	0.000	0.000	1	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						2724						456						78

Annual Sediment Load (Metric Tonnes) : 5837

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	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	39.21	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	39.21	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	37.08	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	23.67	0.000	0.000	0.004	0.004	8	32.50	0.000	0.000	0.003	0.003	8
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	60.58	0.000	0.000	0.002	0.002	12
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	56.15	0.000	0.000	0.002	0.002	9
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	38.84	0.000	0.000	0.002	0.002	7
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	38.84	0.000	0.000	0.002	0.002	7
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.11	0.000	0.000	0.001	0.001	3
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	60.39	0.000	0.000	0.002	0.002	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	99.20	0.000	0.000	0.002	0.002	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	110.7	0.000	0.000	0.002	0.002	17	37.01	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0
17	108.5	0.000	0.000	0.002	0.002	16	36.77	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0
18	68.59	0.000	0.000	0.002	0.002	11	32.85	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0
19	59.99	0.000	0.000	0.002	0.002	9	32.59	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0
20	55.07	0.000	0.000	0.002	0.002	10	27.45	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
21	39.29	0.000	0.000	0.002	0.002	7	27.18	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
22	36.98	0.000	0.000	0.002	0.002	6	24.11	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	23.40	0.000	0.000	0.003	0.003	6	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	23.88	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	19.23	0.000	0.000	0.004	0.004	6	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	13.92	0.000	0.000	0.001	0.001	3	18.81	0.000	0.000	0.001	0.001	4
Ten Daily II	56.24	0.000	0.000	0.001	0.001	9	16.67	0.000	0.000	0.001	0.001	3	6.295	0.000	0.000	0.000	0.000	1
Ten Daily III	10.85	0.000	0.000	0.001	0.001	2	6.790	0.000	0.000	0.001	0.001	2	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						113						82						46

Annual Sediment Load (Metric Tonnes) : 5837

Daily Observed Sediment Datasheet for period : 2016-2017

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	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	35.74	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	121.6	0.000	0.000	0.002	0.002	17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	46.79	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
11	27.19	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	24.11	0.000	0.000	0.003	0.003	5	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	27.19	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	28.22	0.000	0.000	0.003	0.003	8	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	16.72	0.000	0.000	0.004	0.004	6
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.76	0.000	0.000	0.004	0.004	6
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	21.10	0.000	0.000	0.004	0.004	7
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.64	0.000	0.000	0.003	0.003	5
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.03	0.000	0.000	0.004	0.004	5
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.19	0.000	0.000	0.004	0.004	5
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.24	0.000	0.000	0.004	0.004	6
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	18.54	0.000	0.000	0.004	0.004	7
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	19.13	0.000	0.000	0.005	0.005	8
31	0.000	0.000	0.000	0.000	0.000	0							18.81	0.000	0.000	0.004	0.004	6
Ten Daily Mean																		
Ten Daily I	20.41	0.000	0.000	0.001	0.001	3	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	10.67	0.000	0.000	0.001	0.001	3	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	15.92	0.000	0.000	0.004	0.004	6
Monthly																		
Total						58						0						61

Annual Sediment Load (Metric Tonnes) : 5837

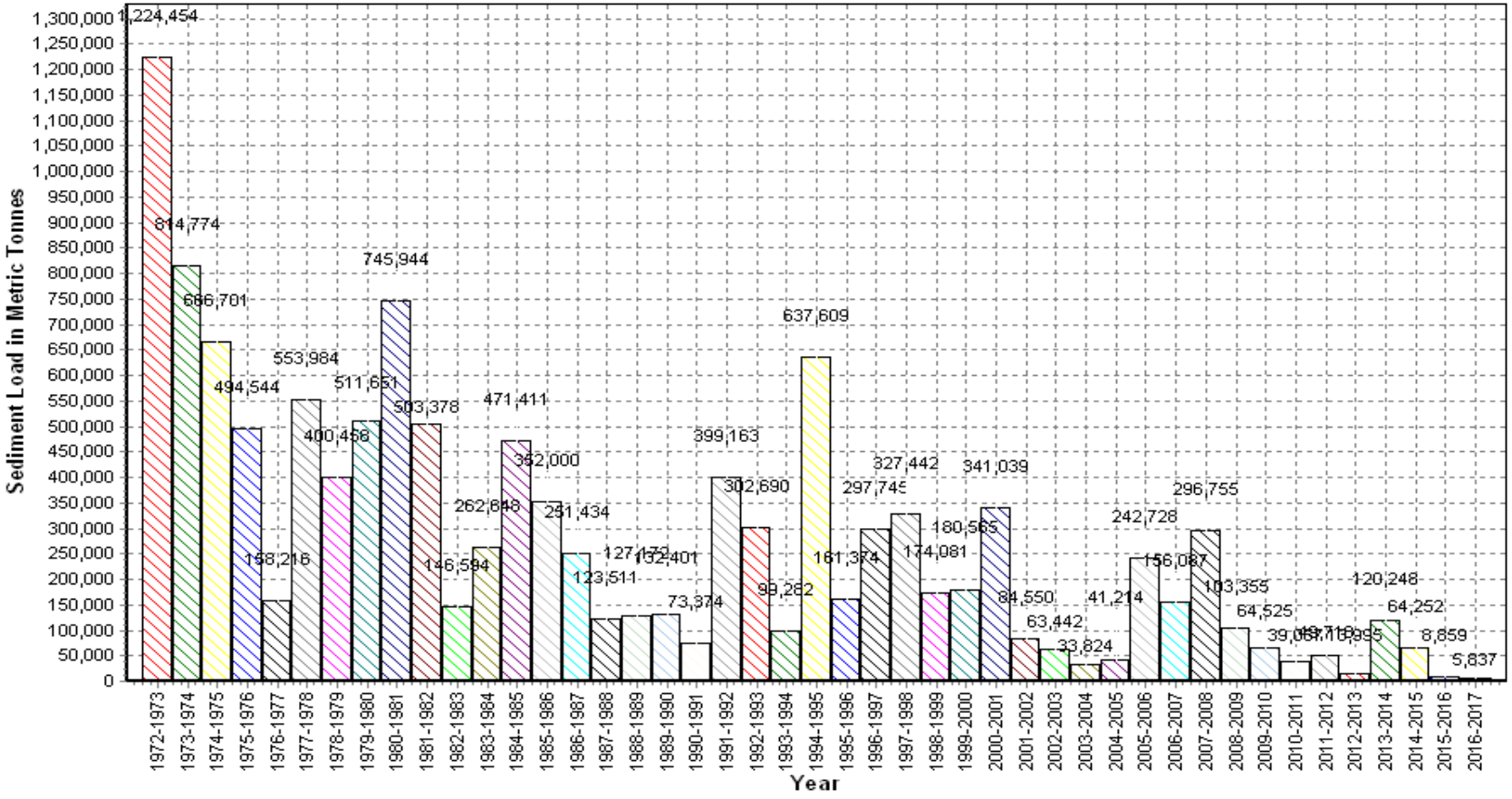
Annual Sediment Load for the period: 1972-2017

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

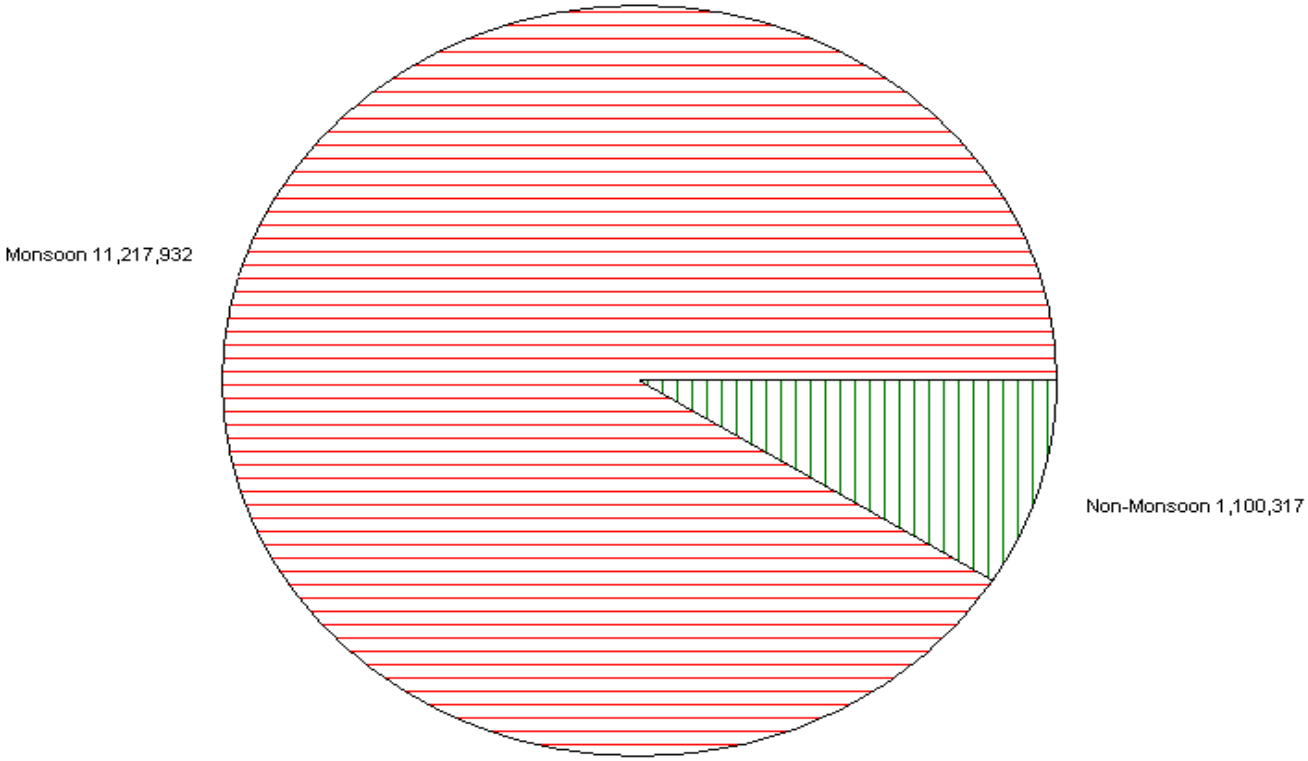
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1972-2016

Station Name : Kollegal (CC000R5)
Local River : Cauvery

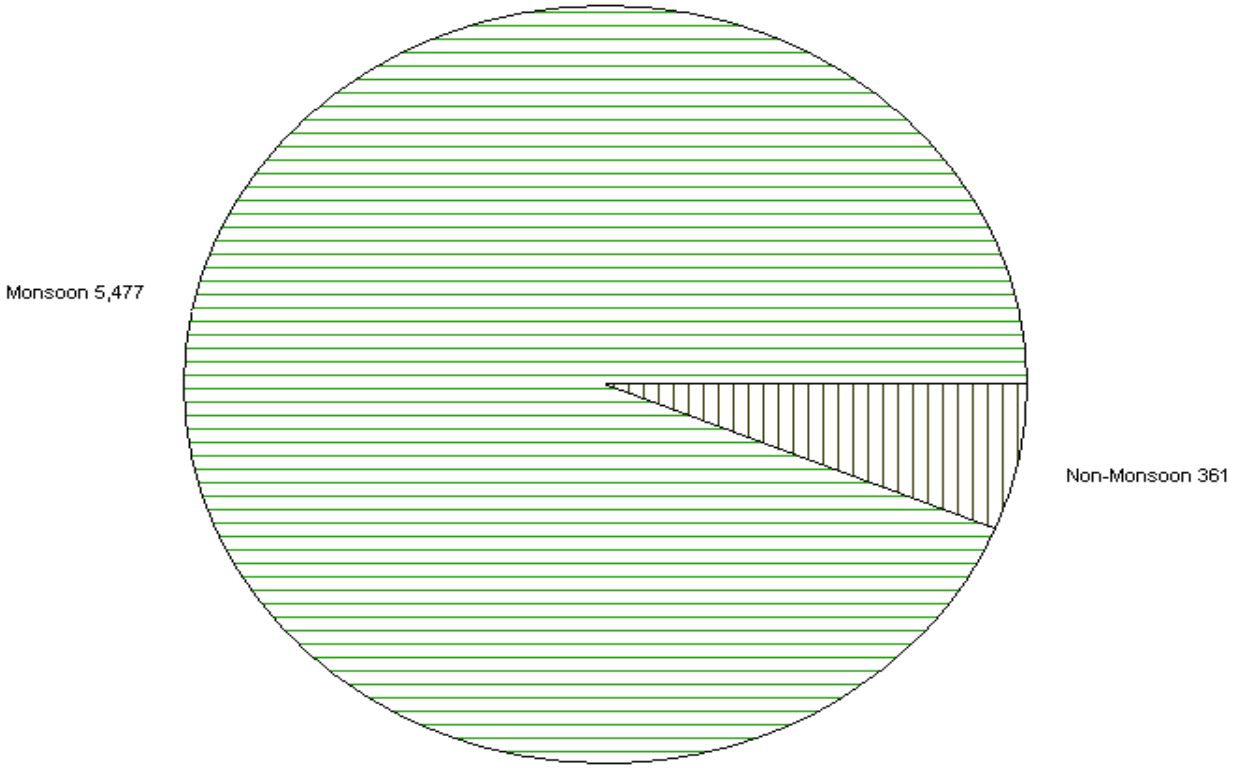
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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										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 2016											**DATE OF COLLECTION 00-00-0000**						
1																	
2																	
3							Sample not collected										
4																	
5																	
6																	
POSTMONSOON 2016											**DATE OF COLLECTION 02.01.2017**						
1	80	-	622.185	624.540	2.355	80			5.5	1.00							
2	160	-	622.285	624.54	2.255	80	NO FLOW		5.5	0.89	NO FLOW					5.5	0.98
3	240	-	622.085	624.54	2.455	80			5.5	1.07							
PREMONSOON 2017											**DATE OF COLLECTION 08.06.2017**						
1	80	-	621.685	624.550	2.91	-			9.5	1.17							
2	160	-	601.795	624.550	2.70	-	-- No Flow --		7.0	0.97							
3	240	-	621.745	624.550	2.85	-			7.5	0.93	-- No Flow --					9.5	1.02

Annual Sediment Load for period : 1972-2017

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)
1972-1973	177422	111484	288906	3117
1973-1974	338436	3505	341941	3299
1974-1975	204777	14349	219127	3294
1975-1976	134652	39340	173992	4092
1976-1977	56349	67564	123913	2216
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	Sediment Observation not done			1934
2003-2004	41846	7453	49300	1607
2004-2005	130077	4902	134979	2456
2005-2006	283821	27300	311121	3743
2006-2007	Sediment Observation not done			3245
2007-2008	Sediment Observation not done			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

Annual Sediment Load for period : 1972-2017

Station Name : T.Narasipur (CCP00B1) **Division : Cauvery Division, Bangalore**

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

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	11569	0	11569	753

*Partial Data

Daily Observed Sediment Datasheet for period : 2016-2017

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	20.68	0.000	0.000	0.011	0.011	20	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	72.57	0.000	0.000	0.014	0.014	88	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	86.11	0.000	0.000	0.011	0.011	82	0.000	0.000	0.000	0.000	0.000	0
4	22.38	0.000	0.000	0.013	0.013	24	85.91	0.000	0.000	0.011	0.011	82	0.000	0.000	0.000	0.000	0.000	0
5	6.947	0.000	0.000	0.013	0.013	8	84.72	0.000	0.000	0.010	0.010	76	0.000	0.000	0.000	0.000	0.000	0
6	2.881	0.000	0.000	0.013	0.013	3	80.73	0.000	0.000	0.011	0.011	74	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	74.88	0.000	0.000	0.010	0.010	63	54.40	0.000	0.010	0.011	0.021	98
8	0.000	0.000	0.000	0.000	0.000	0	96.09	0.000	0.000	0.013	0.013	108	50.51	0.000	0.010	0.010	0.020	88
9	0.000	0.000	0.000	0.000	0.000	0	100.6	0.000	0.000	0.013	0.013	109	47.95	0.000	0.001	0.011	0.012	50
10	0.000	0.000	0.000	0.000	0.000	0	96.74	0.000	0.000	0.012	0.012	100	49.08	0.001	0.001	0.010	0.011	47
11	0.000	0.000	0.000	0.000	0.000	0	100.6	0.000	0.000	0.013	0.013	110	46.71	0.001	0.001	0.011	0.012	47
12	0.000	0.000	0.000	0.000	0.000	0	104.1	0.000	0.000	0.013	0.013	112	60.35	0.001	0.001	0.010	0.011	58
13	0.000	0.000	0.000	0.000	0.000	0	100.7	0.000	0.000	0.013	0.013	111	74.53	0.001	0.001	0.014	0.016	103
14	0.000	0.000	0.000	0.000	0.000	0	120.7	0.000	0.000	0.012	0.012	120	68.46	0.001	0.001	0.013	0.015	88
15	0.000	0.000	0.000	0.000	0.000	0	144.9	0.000	0.000	0.010	0.010	124	61.27	0.001	0.011	0.011	0.023	122
16	0.000	0.000	0.000	0.000	0.000	0	122.7	0.000	0.000	0.011	0.011	121	68.76	0.001	0.013	0.013	0.026	154
17	0.000	0.000	0.000	0.000	0.000	0	122.2	0.000	0.000	0.011	0.011	119	77.51	0.001	0.001	0.015	0.017	112
18	42.07	0.000	0.000	0.012	0.012	44	115.4	0.000	0.000	0.013	0.013	129	81.33	0.001	0.001	0.015	0.017	120
19	64.82	0.000	0.000	0.019	0.019	105	113.8	0.000	0.000	0.013	0.013	126	86.57	0.001	0.002	0.016	0.019	138
20	29.98	0.000	0.000	0.008	0.008	20	87.35	0.000	0.000	0.015	0.015	112	126.4	0.001	0.002	0.007	0.010	105
21	18.30	0.000	0.000	0.012	0.012	19	81.55	0.000	0.000	0.014	0.014	96	135.8	0.001	0.002	0.007	0.010	117
22	12.42	0.000	0.000	0.009	0.009	10	75.75	0.000	0.000	0.014	0.014	93	133.0	0.001	0.002	0.007	0.010	111
23	15.04	0.000	0.000	0.011	0.011	14	74.76	0.000	0.000	0.014	0.014	88	123.5	0.002	0.002	0.007	0.010	104
24	11.23	0.000	0.000	0.009	0.009	9	0.000	0.000	0.000	0.000	0.000	0	127.9	0.002	0.002	0.007	0.010	113
25	10.42	0.000	0.000	0.009	0.009	8	0.000	0.000	0.000	0.000	0.000	0	101.8	0.001	0.002	0.012	0.015	134
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	89.25	0.001	0.001	0.015	0.018	137
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	105.7	0.001	0.002	0.015	0.017	159
28	35.39	0.000	0.000	0.013	0.013	40	0.000	0.000	0.000	0.000	0.000	0	106.6	0.001	0.002	0.015	0.018	161
29	46.49	0.000	0.000	0.012	0.012	49	78.01	0.000	0.000	0.014	0.014	96	100.1	0.001	0.000	0.013	0.015	127
30	34.95	0.000	0.000	0.012	0.012	35	63.29	0.000	0.000	0.012	0.012	63	96.38	0.001	0.001	0.013	0.016	131
31							54.40	0.000	0.000	0.010	0.010	47	140.5	0.003	0.003	0.012	0.017	206
Ten Daily Mean																		
Ten Daily I	3.221	0.000	0.000	0.004	0.004	4	79.91	0.000	0.000	0.012	0.012	80	20.19	0.000	0.002	0.003	0.006	28
Ten Daily II	13.69	0.000	0.000	0.004	0.004	17	113.3	0.000	0.000	0.012	0.012	119	75.19	0.001	0.003	0.012	0.016	105
Ten Daily III	18.42	0.000	0.000	0.009	0.009	18	38.89	0.000	0.000	0.007	0.007	44	114.6	0.001	0.002	0.011	0.014	136
Monthly Total						388						2469						2831

Annual Sediment Load (Metric Tonnes) : 11569

Daily Observed Sediment Datasheet for period : 2016-2017

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	98.53	0.001	0.021	0.014	0.036	307	22.70	0.000	0.000	0.014	0.014	27	0.000	0.000	0.000	0.000	0.000	0
2	68.46	0.001	0.001	0.014	0.016	93	21.24	0.000	0.000	0.013	0.013	23	0.000	0.000	0.000	0.000	0.000	0
3	69.03	0.001	0.001	0.014	0.016	95	21.40	0.000	0.000	0.013	0.013	25	0.000	0.000	0.000	0.000	0.000	0
4	62.27	0.001	0.001	0.013	0.014	77	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	49.70	0.001	0.001	0.010	0.012	49	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	47.87	0.001	0.001	0.010	0.011	45	60.16	0.000	0.000	0.012	0.012	64	0.000	0.000	0.000	0.000	0.000	0
7	53.93	0.001	0.001	0.011	0.012	56	66.39	0.000	0.000	0.012	0.012	70	0.000	0.000	0.000	0.000	0.000	0
8	142.5	0.003	0.003	0.002	0.008	98	88.91	0.000	0.000	0.016	0.016	120	0.000	0.000	0.000	0.000	0.000	0
9	194.4	0.003	0.003	0.018	0.024	408	107.9	0.000	0.000	0.020	0.020	182	0.000	0.000	0.000	0.000	0.000	0
10	184.9	0.003	0.003	0.018	0.023	374	139.4	0.000	0.000	0.025	0.025	305	0.000	0.000	0.000	0.000	0.000	0
11	186.3	0.003	0.003	0.018	0.025	396	109.2	0.000	0.000	0.020	0.020	187	0.000	0.000	0.000	0.000	0.000	0
12	189.6	0.003	0.003	0.019	0.026	418	61.27	0.000	0.000	0.012	0.012	64	22.56	0.000	0.000	0.006	0.006	12
13	158.7	0.000	0.000	0.012	0.012	160	50.80	0.000	0.000	0.010	0.010	44	32.69	0.000	0.000	0.009	0.009	25
14	140.2	0.000	0.000	0.019	0.019	231	66.74	0.000	0.000	0.011	0.011	62	43.42	0.000	0.000	0.012	0.012	44
15	134.9	0.003	0.003	0.019	0.025	288	40.60	0.000	0.000	0.011	0.011	39	35.05	0.000	0.000	0.010	0.010	29
16	131.8	0.003	0.003	0.020	0.026	296	32.69	0.000	0.000	0.017	0.017	47	39.98	0.000	0.000	0.011	0.011	37
17	129.3	0.002	0.002	0.012	0.016	181	24.14	0.000	0.000	0.012	0.012	26	36.27	0.000	0.000	0.010	0.010	31
18	123.5	0.002	0.002	0.012	0.016	166	22.15	0.000	0.000	0.013	0.013	25	0.000	0.000	0.000	0.000	0.000	0
19	105.3	0.002	0.002	0.013	0.016	147	21.69	0.000	0.000	0.012	0.012	22	0.000	0.000	0.000	0.000	0.000	0
20	73.12	0.001	0.001	0.014	0.016	102	19.48	0.000	0.000	0.011	0.011	19	0.000	0.000	0.000	0.000	0.000	0
21	48.83	0.001	0.001	0.010	0.012	49	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	32.52	0.001	0.001	0.012	0.013	36	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	20.43	0.001	0.001	0.014	0.016	28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	19.81	0.019	0.001	0.013	0.032	55	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	23.23	0.001	0.001	0.014	0.016	32	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	22.47	0.001	0.001	0.014	0.016	30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	22.54	0.001	0.001	0.014	0.016	31	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	26.84	0.001	0.001	0.015	0.017	39	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	22.75	0.001	0.001	0.015	0.017	34	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	23.23	0.001	0.001	0.013	0.015	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						
Ten Daily Mean																		
Ten Daily I	97.16	0.001	0.003	0.012	0.017	160	52.81	0.000	0.000	0.012	0.012	82	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	137.3	0.002	0.002	0.016	0.020	239	44.88	0.000	0.000	0.013	0.013	53	21.00	0.000	0.000	0.006	0.006	18
Ten Daily III	26.26	0.003	0.001	0.013	0.017	36	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly Total						4352						1350						179

Annual Sediment Load (Metric Tonnes) : 11569

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	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) : 11569

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	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) : 11569

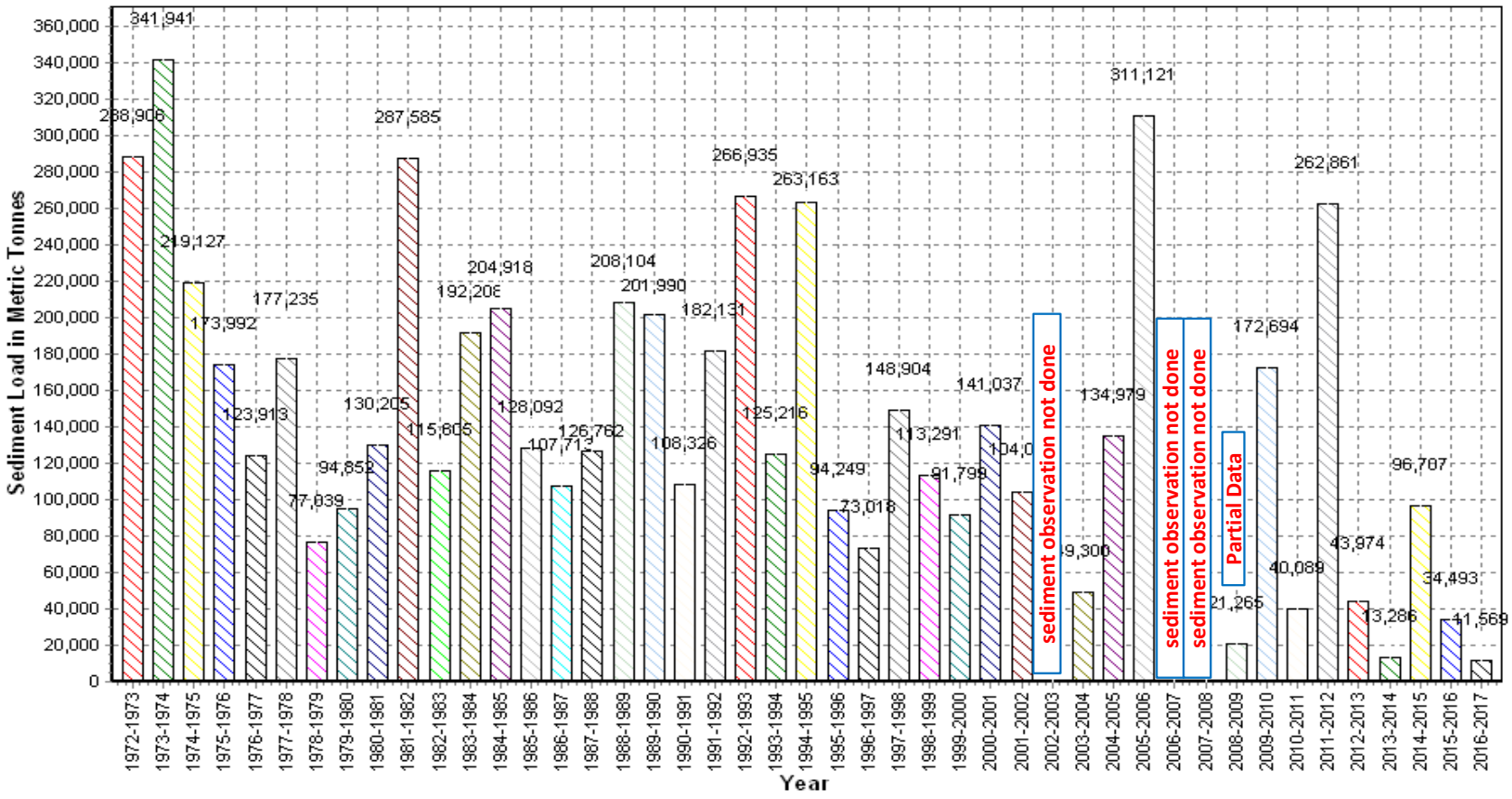
Annual Sediment Load for the period: 1972-2017

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



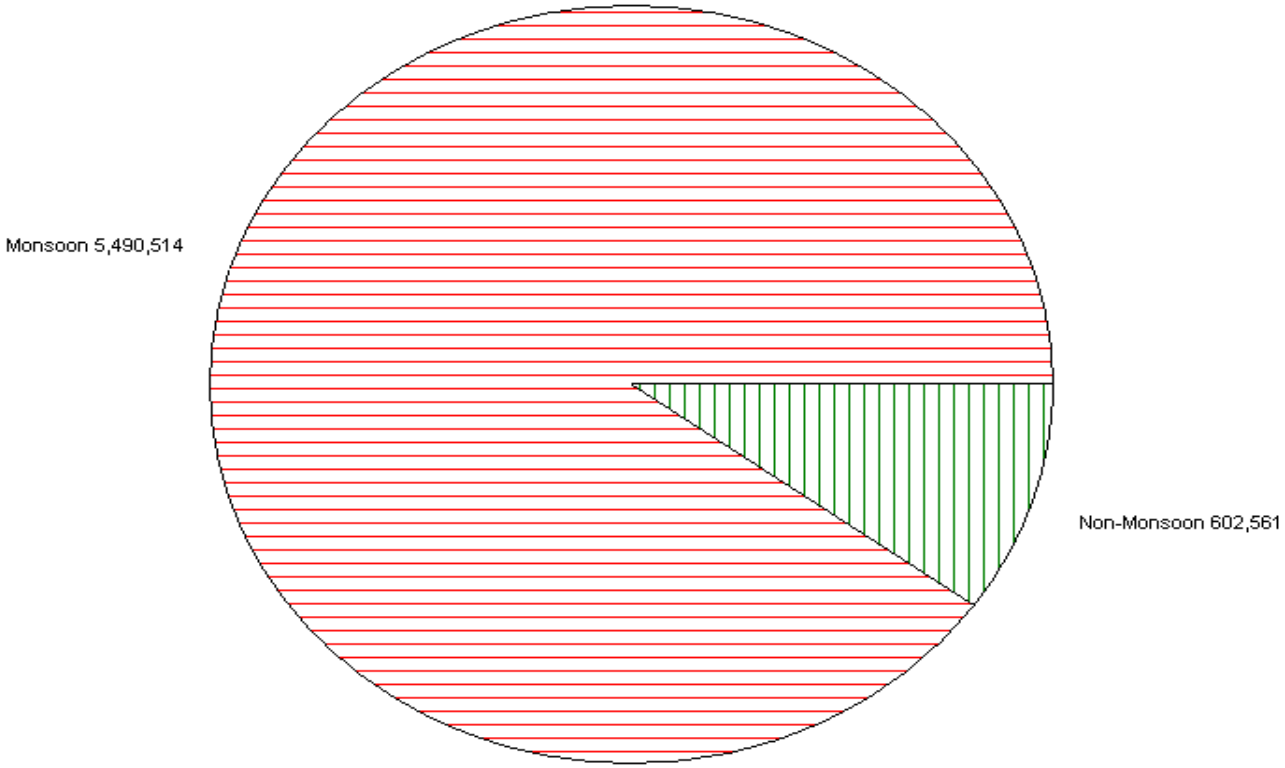
Seasonal Sediment Load for the period : 1972-2016

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



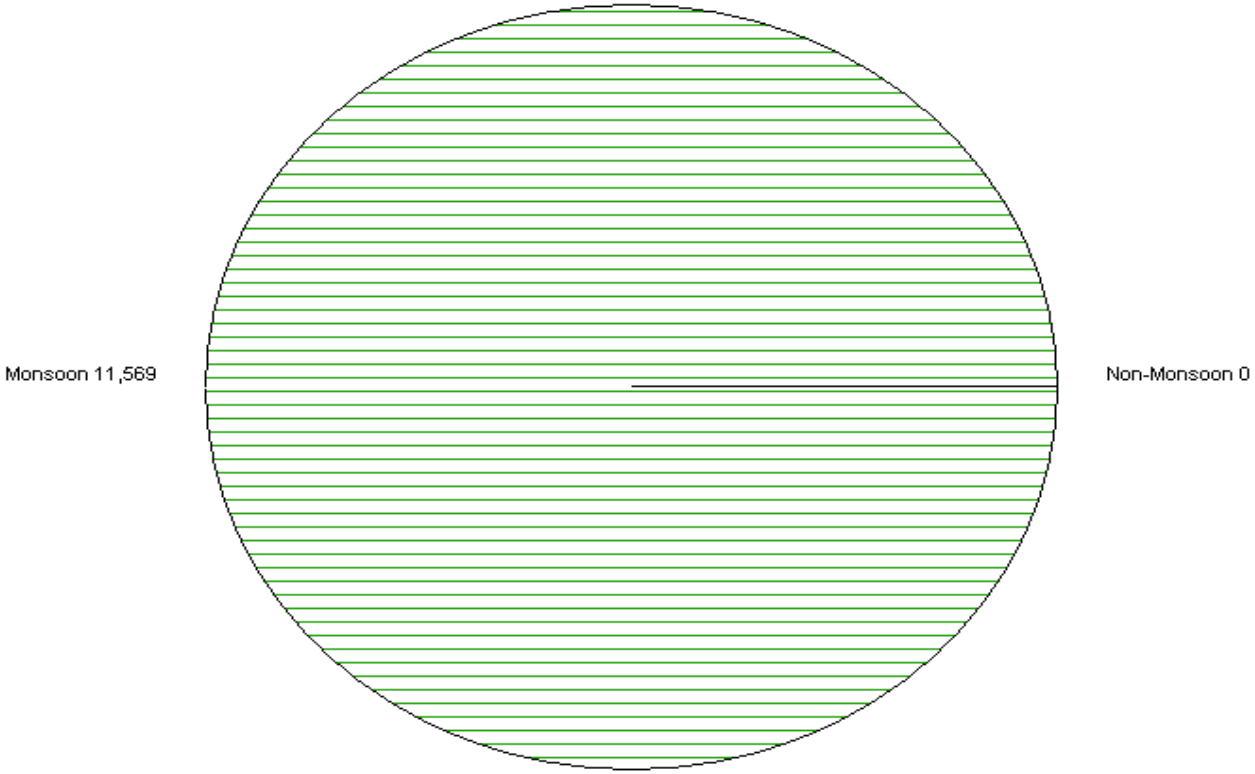
Seasonal Sediment Load for the Year: 2016-2017

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 2016							DATE OF COLLECTION				00-00-0000						
1																	
2																	
3							Sample not collected										
POSTMONSOON 2016							DATE OF COLLECTION				29.12.2016						
1	50	-	632.230	634.380	1.15	120.0			5.5	1.08							
2	100	-	633.800	634.380	0.58	120.0	- No flow -		5.5	1.06	- No flow -					5.5	1.09
3	150	635.200	-	-	-	-			5.5	1.14							
PREMONSOON 2017							DATE OF COLLECTION				13.06.2017						
1	50	-	632.910	634.460	1.55	120.2			5.0	0.87							
2	100	-	633.970	634.460	0.49	-			5.0	0.89	NO FLOW					5.0	0.89
3	150	634.970	-	-	-	-	NO FLOW		1.5	0.92							

Annual Sediment Load for period : 1974-2017

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	Sediment Observation not done			2963
2007-2008	Sediment Observation not done			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
2013-2014	128889	4354	133243	3141

Annual Sediment Load for period : 1974-2017

Station Name : MUTHANKERA (CCP00T8) **Division : SWR Division, Cochin**

Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**

2014-2015	168673	6590	175263	3034
2015-2016	56248	824	57072	1769
2016-2017	14841	139	14979	1253

Daily Observed Sediment Datasheet for period : 2016-2017

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	6.962	0.000	0.000	0.006	0.006	4	334.9	0.000	0.003	0.025	0.028	802	72.46	0.000	0.000	0.006	0.006	37
2	6.742	0.000	0.000	0.006	0.006	3	190.8	0.000	0.002	0.014	0.016	270	86.68	0.000	0.000	0.006	0.006	46
3	9.443	0.000	0.000	0.008	0.008	7	122.2	0.000	0.002	0.011	0.012	130	68.92	0.000	0.000	0.006	0.006	34
4	8.804	0.000	0.000	0.008	0.008	6	113.8	0.000	0.002	0.012	0.014	140	77.50	0.000	0.000	0.006	0.006	38
5	6.935	0.000	0.000	0.006	0.006	4	224.9	0.000	0.002	0.015	0.017	332	98.23	0.000	0.000	0.006	0.006	52
6	6.904	0.000	0.000	0.006	0.006	4	206.9	0.000	0.002	0.013	0.015	266	190.3	0.000	0.003	0.009	0.012	196
7	6.989	0.000	0.000	0.006	0.006	4	287.8	0.000	0.003	0.017	0.020	495	136.1	0.000	0.002	0.006	0.009	102
8	8.769	0.000	0.000	0.006	0.006	4	174.4	0.000	0.000	0.013	0.013	188	147.5	0.000	0.002	0.007	0.010	124
9	37.03	0.000	0.000	0.006	0.006	19	158.2	0.000	0.000	0.011	0.011	150	116.8	0.000	0.000	0.005	0.005	53
10	23.73	0.000	0.000	0.006	0.006	13	181.8	0.000	0.001	0.009	0.010	163	113.9	0.000	0.000	0.005	0.005	52
11	70.61	0.000	0.000	0.005	0.005	33	339.7	0.000	0.003	0.015	0.017	511	103.3	0.000	0.000	0.005	0.005	46
12	34.01	0.000	0.000	0.004	0.004	12	239.8	0.000	0.002	0.015	0.017	354	107.8	0.000	0.000	0.005	0.005	45
13	19.63	0.000	0.000	0.006	0.006	10	212.2	0.000	0.000	0.010	0.010	191	114.8	0.000	0.000	0.006	0.006	58
14	31.96	0.000	0.000	0.006	0.006	17	182.1	0.000	0.000	0.010	0.010	151	129.1	0.000	0.001	0.006	0.007	83
15	33.34	0.000	0.000	0.006	0.006	16	152.3	0.000	0.000	0.009	0.009	116	162.0	0.000	0.001	0.008	0.009	132
16	20.00	0.000	0.000	0.006	0.006	10	195.8	0.000	0.000	0.011	0.011	193	169.9	0.000	0.002	0.008	0.011	154
17	60.53	0.000	0.002	0.006	0.009	44	137.9	0.000	0.000	0.010	0.010	124	167.1	0.000	0.002	0.009	0.011	156
18	31.12	0.000	0.000	0.006	0.006	16	103.8	0.000	0.000	0.011	0.011	100	317.8	0.002	0.004	0.011	0.017	461
19	34.95	0.000	0.000	0.007	0.007	22	96.11	0.000	0.000	0.008	0.008	68	274.0	0.000	0.002	0.010	0.012	277
20	26.89	0.000	0.000	0.006	0.006	14	86.70	0.000	0.000	0.008	0.008	61	181.9	0.000	0.000	0.006	0.006	96
21	29.93	0.000	0.000	0.005	0.005	14	84.47	0.000	0.000	0.007	0.007	54	130.8	0.000	0.000	0.005	0.005	60
22	34.09	0.000	0.000	0.006	0.006	18	137.7	0.000	0.000	0.008	0.008	99	103.6	0.000	0.000	0.006	0.006	49
23	68.87	0.000	0.003	0.007	0.009	56	140.4	0.000	0.000	0.008	0.008	101	85.33	0.000	0.000	0.006	0.006	41
24	65.50	0.000	0.000	0.006	0.006	36	145.1	0.000	0.000	0.009	0.009	114	98.48	0.000	0.000	0.006	0.006	48
25	72.45	0.000	0.000	0.005	0.005	30	110.4	0.000	0.000	0.007	0.007	71	83.33	0.000	0.000	0.005	0.005	38
26	67.25	0.000	0.001	0.005	0.006	35	85.67	0.000	0.000	0.007	0.007	52	81.55	0.000	0.000	0.005	0.005	37
27	80.67	0.000	0.003	0.006	0.009	63	82.57	0.000	0.000	0.006	0.006	45	76.61	0.000	0.000	0.005	0.005	32
28	155.6	0.000	0.004	0.011	0.016	210	67.28	0.000	0.000	0.006	0.006	33	90.64	0.000	0.000	0.005	0.005	42
29	572.0	0.003	0.005	0.039	0.047	2308	96.99	0.000	0.000	0.006	0.006	51	90.82	0.000	0.000	0.005	0.005	40
30	459.1	0.000	0.031	0.027	0.058	2304	69.27	0.000	0.000	0.006	0.006	34	82.87	0.000	0.000	0.005	0.005	37
31							101.2	0.000	0.000	0.008	0.008	73	112.4	0.000	0.000	0.006	0.006	53
Ten Daily Mean																		
Ten Daily I	12.23	0.000	0.000	0.006	0.006	7	199.6	0.000	0.002	0.014	0.016	294	110.8	0.000	0.001	0.006	0.007	73
Ten Daily II	36.31	0.000	0.000	0.006	0.006	19	174.6	0.000	0.000	0.011	0.011	187	172.8	0.000	0.001	0.007	0.009	151
Ten Daily III	160.5	0.000	0.005	0.012	0.017	507	101.9	0.000	0.000	0.007	0.007	66	94.21	0.000	0.000	0.005	0.005	43
Monthly Total						5335						5531						2717

Annual Sediment Load (Metric Tonnes) : 14979

Daily Observed Sediment Datasheet for period : 2016-2017

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	99.00	0.000	0.000	0.005	0.005	46	48.70	0.000	0.000	0.006	0.006	26	24.69	0.000	0.000	0.005	0.005	10
2	83.24	0.000	0.000	0.005	0.005	38	39.82	0.000	0.000	0.006	0.006	19	19.59	0.000	0.000	0.004	0.004	7
3	75.88	0.000	0.000	0.005	0.005	32	39.37	0.000	0.000	0.006	0.006	20	16.67	0.000	0.000	0.004	0.004	6
4	67.25	0.000	0.000	0.005	0.005	31	36.94	0.000	0.000	0.006	0.006	18	13.41	0.000	0.000	0.005	0.005	5
5	58.34	0.000	0.000	0.006	0.006	28	33.63	0.000	0.000	0.006	0.006	16	12.56	0.000	0.000	0.005	0.005	5
6	53.56	0.000	0.000	0.005	0.005	24	30.64	0.000	0.000	0.006	0.006	15	13.54	0.000	0.000	0.005	0.005	6
7	67.09	0.000	0.000	0.005	0.005	31	28.59	0.000	0.000	0.005	0.005	13	12.02	0.000	0.000	0.004	0.004	4
8	54.89	0.000	0.000	0.006	0.006	26	27.74	0.000	0.000	0.005	0.005	13	10.76	0.000	0.000	0.004	0.004	4
9	49.69	0.000	0.000	0.006	0.006	24	25.28	0.000	0.000	0.004	0.004	9	10.68	0.000	0.000	0.004	0.004	3
10	44.07	0.000	0.000	0.005	0.005	21	24.47	0.000	0.000	0.004	0.004	7	9.595	0.000	0.000	0.003	0.003	3
11	40.83	0.000	0.000	0.005	0.005	18	23.68	0.000	0.000	0.003	0.003	7	9.363	0.000	0.000	0.003	0.003	3
12	38.33	0.000	0.000	0.005	0.005	16	23.68	0.000	0.000	0.003	0.003	7	9.287	0.000	0.000	0.003	0.003	2
13	37.85	0.000	0.000	0.005	0.005	16	36.30	0.000	0.000	0.005	0.005	16	10.38	0.000	0.000	0.003	0.003	3
14	58.57	0.000	0.000	0.007	0.007	37	57.96	0.000	0.000	0.006	0.006	31	10.38	0.000	0.000	0.003	0.003	3
15	45.99	0.000	0.000	0.005	0.005	21	38.65	0.000	0.000	0.005	0.005	18	11.26	0.000	0.000	0.004	0.004	4
16	45.86	0.000	0.000	0.005	0.005	21	28.20	0.000	0.000	0.004	0.004	11	10.52	0.000	0.000	0.004	0.004	3
17	58.24	0.000	0.000	0.006	0.006	29	28.02	0.000	0.000	0.005	0.005	12	10.34	0.000	0.000	0.003	0.003	3
18	46.06	0.000	0.000	0.005	0.005	19	24.78	0.000	0.000	0.006	0.006	12	10.28	0.000	0.000	0.003	0.003	3
19	49.49	0.000	0.000	0.005	0.005	23	21.10	0.000	0.000	0.005	0.005	10	9.787	0.000	0.000	0.003	0.003	3
20	46.58	0.000	0.000	0.006	0.006	23	20.08	0.000	0.000	0.005	0.005	9	8.828	0.000	0.000	0.003	0.003	2
21	39.15	0.000	0.000	0.005	0.005	18	19.29	0.000	0.000	0.005	0.005	8	9.252	0.000	0.000	0.003	0.003	2
22	59.16	0.000	0.000	0.006	0.006	29	15.42	0.000	0.000	0.005	0.005	6	9.175	0.000	0.000	0.003	0.003	2
23	55.75	0.000	0.000	0.005	0.005	26	17.42	0.000	0.000	0.006	0.006	8	7.385	0.000	0.000	0.003	0.003	2
24	54.39	0.000	0.000	0.005	0.005	25	14.72	0.000	0.000	0.005	0.005	6	7.306	0.000	0.000	0.003	0.003	2
25	55.02	0.000	0.000	0.005	0.005	23	14.43	0.000	0.000	0.005	0.005	6	7.200	0.000	0.000	0.002	0.002	1
26	66.54	0.000	0.000	0.005	0.005	29	12.77	0.000	0.000	0.005	0.005	5	7.137	0.000	0.000	0.002	0.002	1
27	75.83	0.000	0.000	0.006	0.006	36	12.74	0.000	0.000	0.004	0.004	5	6.716	0.000	0.000	0.002	0.002	1
28	58.02	0.000	0.000	0.006	0.006	28	12.67	0.000	0.000	0.004	0.004	5	7.004	0.000	0.000	0.002	0.002	1
29	74.29	0.000	0.000	0.006	0.006	37	13.84	0.000	0.000	0.005	0.005	6	6.360	0.000	0.000	0.003	0.003	1
30	54.43	0.000	0.000	0.006	0.006	28	13.84	0.000	0.000	0.005	0.005	6	7.041	0.000	0.000	0.002	0.002	1
31							12.95	0.000	0.000	0.005	0.005	5						
Ten Daily Mean																		
Ten Daily I	65.30	0.000	0.000	0.005	0.005	30	33.52	0.000	0.000	0.005	0.005	16	14.35	0.000	0.000	0.004	0.004	5
Ten Daily II	46.78	0.000	0.000	0.005	0.005	22	30.25	0.000	0.000	0.005	0.005	13	10.04	0.000	0.000	0.003	0.003	3
Ten Daily III	59.26	0.000	0.000	0.005	0.005	28	14.55	0.000	0.000	0.005	0.005	6	7.458	0.000	0.000	0.002	0.002	2
Monthly Total						804						356						97

Annual Sediment Load (Metric Tonnes) : 14979

Daily Observed Sediment Datasheet for period : 2016-2017

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	7.115	0.000	0.000	0.002	0.002	1	5.939	0.000	0.000	0.001	0.001	0	7.325	0.000	0.000	0.001	0.001	0
2	7.181	0.000	0.000	0.002	0.002	1	6.274	0.000	0.000	0.001	0.001	0	7.012	0.000	0.000	0.001	0.001	0
3	7.296	0.000	0.000	0.004	0.004	2	6.179	0.000	0.000	0.001	0.001	0	6.770	0.000	0.000	0.001	0.001	0
4	8.483	0.000	0.000	0.005	0.005	3	6.027	0.000	0.000	0.001	0.001	0	6.466	0.000	0.000	0.001	0.001	0
5	7.113	0.000	0.000	0.004	0.004	3	5.951	0.000	0.000	0.001	0.001	0	4.239	0.000	0.000	0.001	0.001	0
6	7.178	0.000	0.000	0.002	0.002	1	5.725	0.000	0.000	0.001	0.001	0	3.677	0.000	0.000	0.001	0.001	0
7	7.321	0.000	0.000	0.002	0.002	1	5.834	0.000	0.000	0.001	0.001	0	6.175	0.000	0.000	0.001	0.001	0
8	7.102	0.000	0.000	0.002	0.002	1	5.572	0.000	0.000	0.001	0.001	0	3.714	0.000	0.000	0.001	0.001	0
9	6.962	0.000	0.000	0.003	0.003	2	5.886	0.000	0.000	0.001	0.001	0	3.554	0.000	0.000	0.001	0.001	0
10	6.333	0.000	0.000	0.002	0.002	1	5.709	0.000	0.000	0.001	0.001	0	3.480	0.000	0.000	0.001	0.001	0
11	6.209	0.000	0.000	0.002	0.002	1	5.828	0.000	0.000	0.001	0.001	0	3.300	0.000	0.000	0.001	0.001	0
12	5.740	0.000	0.000	0.002	0.002	1	6.277	0.000	0.000	0.001	0.001	0	3.375	0.000	0.000	0.001	0.001	0
13	6.919	0.000	0.000	0.003	0.003	1	6.056	0.000	0.000	0.001	0.001	0	3.273	0.000	0.000	0.001	0.001	0
14	9.656	0.000	0.000	0.003	0.003	2	6.611	0.000	0.000	0.001	0.001	1	2.983	0.000	0.000	0.001	0.001	0
15	11.84	0.000	0.000	0.004	0.004	4	5.939	0.000	0.000	0.001	0.001	0	2.950	0.000	0.000	0.001	0.001	0
16	11.16	0.000	0.000	0.003	0.003	3	6.126	0.000	0.000	0.001	0.001	0	2.623	0.000	0.000	0.001	0.001	0
17	9.132	0.000	0.000	0.003	0.003	2	5.811	0.000	0.000	0.001	0.001	0	2.603	0.000	0.000	0.001	0.001	0
18	7.560	0.000	0.000	0.003	0.003	2	5.755	0.000	0.000	0.001	0.001	0	2.514	0.000	0.000	0.001	0.001	0
19	6.909	0.000	0.000	0.003	0.003	2	5.770	0.000	0.000	0.001	0.001	0	2.398	0.000	0.000	0.001	0.001	0
20	6.822	0.000	0.000	0.003	0.003	2	5.565	0.000	0.000	0.001	0.001	0	1.120	0.000	0.000	0.001	0.001	0
21	6.859	0.000	0.000	0.003	0.003	2	5.577	0.000	0.000	0.001	0.001	0	1.065	0.000	0.000	0.001	0.001	0
22	6.232	0.000	0.000	0.003	0.003	1	4.878	0.000	0.000	0.001	0.001	0	1.093	0.000	0.000	0.001	0.001	0
23	6.249	0.000	0.000	0.002	0.002	1	5.426	0.000	0.000	0.001	0.001	0	0.322	0.000	0.000	0.001	0.001	0
24	6.234	0.000	0.000	0.002	0.002	1	3.702	0.000	0.000	0.001	0.001	0	0.378	0.000	0.000	0.001	0.001	0
25	6.209	0.000	0.000	0.002	0.002	1	3.712	0.000	0.000	0.001	0.001	0	1.008	0.000	0.000	0.001	0.001	0
26	6.143	0.000	0.000	0.002	0.002	1	4.239	0.000	0.000	0.001	0.001	0	1.281	0.000	0.000	0.001	0.001	0
27	6.088	0.000	0.000	0.002	0.002	1	3.706	0.000	0.000	0.001	0.001	0	1.076	0.000	0.000	0.001	0.001	0
28	7.398	0.000	0.000	0.001	0.001	1	6.724	0.000	0.000	0.001	0.001	0	1.020	0.000	0.000	0.001	0.001	0
29	6.755	0.000	0.000	0.001	0.001	0	12.00	0.000	0.000	0.002	0.002	2						
30	6.720	0.000	0.000	0.001	0.001	0	9.268	0.000	0.000	0.001	0.001	1						
31	6.573	0.000	0.000	0.001	0.001	0	6.927	0.000	0.000	0.001	0.001	1						
Ten Daily Mean																		
Ten Daily I	7.208	0.000	0.000	0.003	0.003	2	5.910	0.000	0.000	0.001	0.001	0	5.241	0.000	0.000	0.001	0.001	0
Ten Daily II	8.195	0.000	0.000	0.003	0.003	2	5.974	0.000	0.000	0.001	0.001	0	2.714	0.000	0.000	0.001	0.001	0
Ten Daily III	6.496	0.000	0.000	0.002	0.002	1	6.015	0.000	0.000	0.001	0.001	1	0.905	0.000	0.000	0.001	0.001	0
Monthly Total						47						14						6

Annual Sediment Load (Metric Tonnes) : 14979

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.326	0.000	0.000	0.001	0.001	0	0.327	0.000	0.000	0.001	0.001	0	3.619	0.000	0.000	0.001	0.001	0
2	0.313	0.000	0.000	0.001	0.001	0	0.323	0.000	0.000	0.001	0.001	0	6.920	0.000	0.000	0.001	0.001	1
3	0.303	0.000	0.000	0.001	0.001	0	0.313	0.000	0.000	0.001	0.001	0	6.643	0.000	0.000	0.001	0.001	1
4	0.299	0.000	0.000	0.001	0.001	0	0.309	0.000	0.000	0.001	0.001	0	7.171	0.000	0.000	0.004	0.004	2
5	0.274	0.000	0.000	0.001	0.001	0	0.329	0.000	0.000	0.001	0.001	0	6.934	0.000	0.000	0.003	0.003	2
6	0.396	0.000	0.000	0.001	0.001	0	0.571	0.000	0.000	0.001	0.001	0	6.767	0.000	0.000	0.002	0.002	1
7	0.441	0.000	0.000	0.001	0.001	0	1.002	0.000	0.000	0.001	0.001	0	6.147	0.000	0.000	0.002	0.002	1
8	0.420	0.000	0.000	0.001	0.001	0	1.092	0.000	0.000	0.001	0.001	0	6.922	0.000	0.000	0.003	0.003	2
9	0.239	0.000	0.000	0.001	0.001	0	1.722	0.000	0.000	0.001	0.001	0	6.774	0.000	0.000	0.002	0.002	1
10	0.328	0.000	0.000	0.001	0.001	0	2.480	0.000	0.000	0.001	0.001	0	6.147	0.000	0.000	0.002	0.002	1
11	0.342	0.000	0.000	0.001	0.001	0	1.945	0.000	0.000	0.001	0.001	0	8.812	0.000	0.000	0.003	0.003	2
12	0.343	0.000	0.000	0.001	0.001	0	1.985	0.000	0.000	0.001	0.001	0	21.84	0.000	0.000	0.009	0.009	16
13	0.291	0.000	0.000	0.001	0.001	0	2.066	0.000	0.000	0.001	0.001	0	7.545	0.000	0.000	0.003	0.003	2
14	0.231	0.000	0.000	0.001	0.001	0	1.722	0.000	0.000	0.001	0.001	0	8.101	0.000	0.000	0.003	0.003	2
15	0.322	0.000	0.000	0.001	0.001	0	1.971	0.000	0.000	0.001	0.001	0	6.845	0.000	0.000	0.003	0.003	2
16	1.082	0.000	0.000	0.001	0.001	0	1.564	0.000	0.000	0.001	0.001	0	6.880	0.000	0.000	0.003	0.003	2
17	2.916	0.000	0.000	0.001	0.001	0	1.242	0.000	0.000	0.001	0.001	0	6.743	0.000	0.000	0.003	0.003	1
18	6.698	0.000	0.000	0.001	0.001	1	1.059	0.000	0.000	0.001	0.001	0	6.086	0.000	0.000	0.003	0.003	1
19	4.723	0.000	0.000	0.001	0.001	0	0.892	0.000	0.000	0.001	0.001	0	6.122	0.000	0.000	0.003	0.003	1
20	3.342	0.000	0.000	0.001	0.001	0	0.898	0.000	0.000	0.001	0.001	0	6.861	0.000	0.000	0.003	0.003	2
21	2.947	0.000	0.000	0.001	0.001	0	1.015	0.000	0.000	0.001	0.001	0	7.421	0.000	0.000	0.001	0.001	1
22	2.823	0.000	0.000	0.001	0.001	0	0.973	0.000	0.000	0.001	0.001	0	22.16	0.000	0.000	0.002	0.002	4
23	2.488	0.000	0.000	0.001	0.001	0	0.886	0.000	0.000	0.001	0.001	0	9.305	0.000	0.000	0.002	0.002	2
24	2.386	0.000	0.000	0.001	0.001	0	1.255	0.000	0.000	0.001	0.001	0	10.63	0.000	0.000	0.002	0.002	2
25	1.902	0.000	0.000	0.001	0.001	0	1.000	0.000	0.000	0.001	0.001	0	10.91	0.000	0.000	0.002	0.002	2
26	1.722	0.000	0.000	0.001	0.001	0	0.972	0.000	0.000	0.001	0.001	0	7.209	0.000	0.000	0.003	0.003	2
27	1.140	0.000	0.000	0.001	0.001	0	1.061	0.000	0.000	0.001	0.001	0	7.045	0.000	0.000	0.003	0.003	2
28	1.102	0.000	0.000	0.001	0.001	0	5.724	0.000	0.000	0.001	0.001	0	7.756	0.000	0.000	0.003	0.003	2
29	1.006	0.000	0.000	0.001	0.001	0	6.255	0.000	0.000	0.001	0.001	1	6.862	0.000	0.000	0.002	0.002	1
30	0.917	0.000	0.000	0.001	0.001	0	4.204	0.000	0.000	0.001	0.001	0	11.53	0.000	0.000	0.002	0.002	2
31	0.327	0.000	0.000	0.001	0.001	0							12.93	0.000	0.000	0.001	0.001	1
Ten Daily Mean																		
Ten Daily I	0.334	0.000	0.000	0.001	0.001	0	0.847	0.000	0.000	0.001	0.001	0	6.405	0.000	0.000	0.002	0.002	1
Ten Daily II	2.029	0.000	0.000	0.001	0.001	0	1.534	0.000	0.000	0.001	0.001	0	8.584	0.000	0.000	0.003	0.003	3
Ten Daily III	1.705	0.000	0.000	0.001	0.001	0	2.335	0.000	0.000	0.001	0.001	0	10.34	0.000	0.000	0.002	0.002	2
Monthly																		
Total						3						4						64

Annual Sediment Load (Metric Tonnes) : 14979

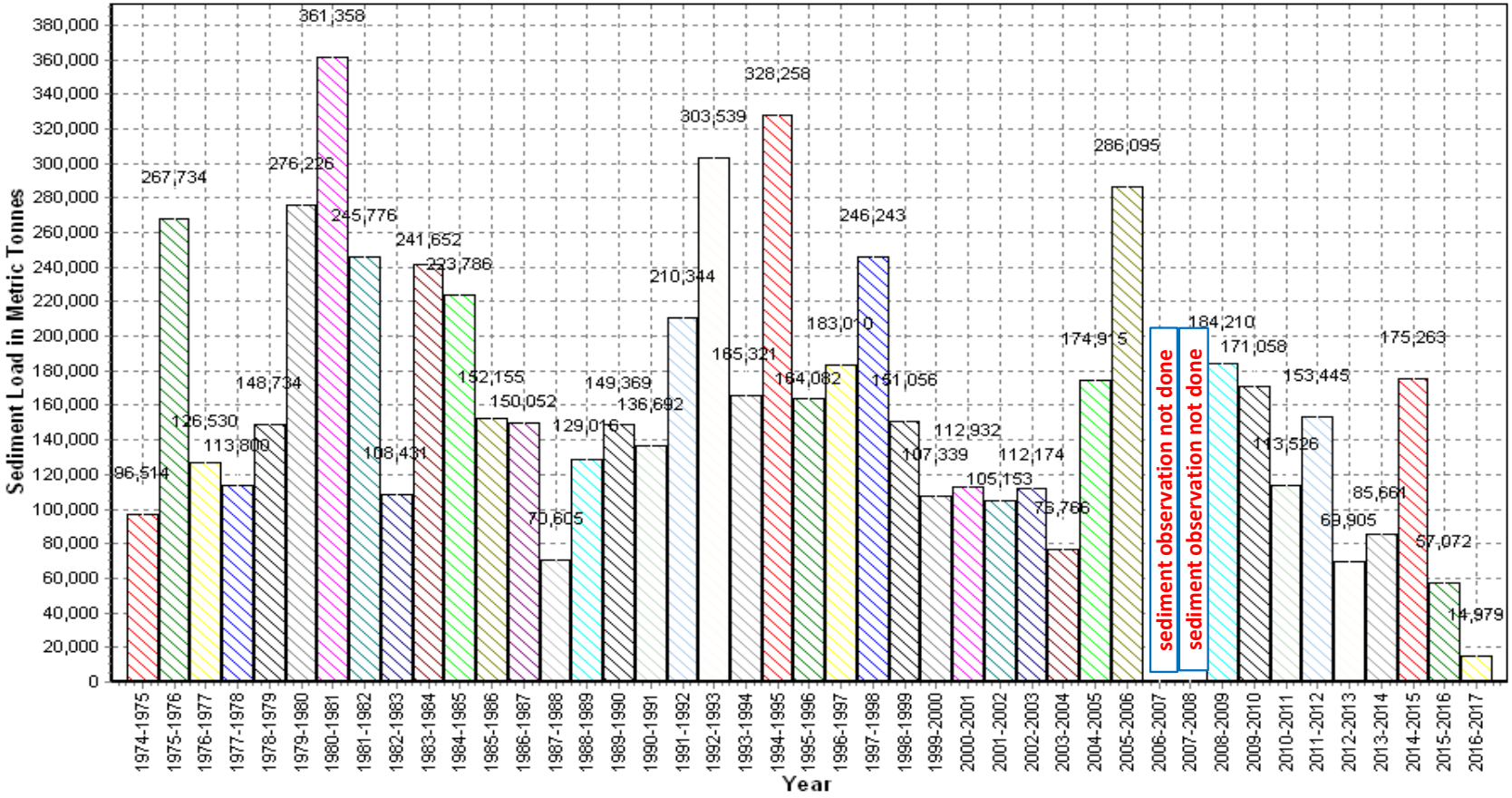
Annual Sediment Load for the period: 1974-2017

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

Sub-Division : Chaliyar SD, Calicut



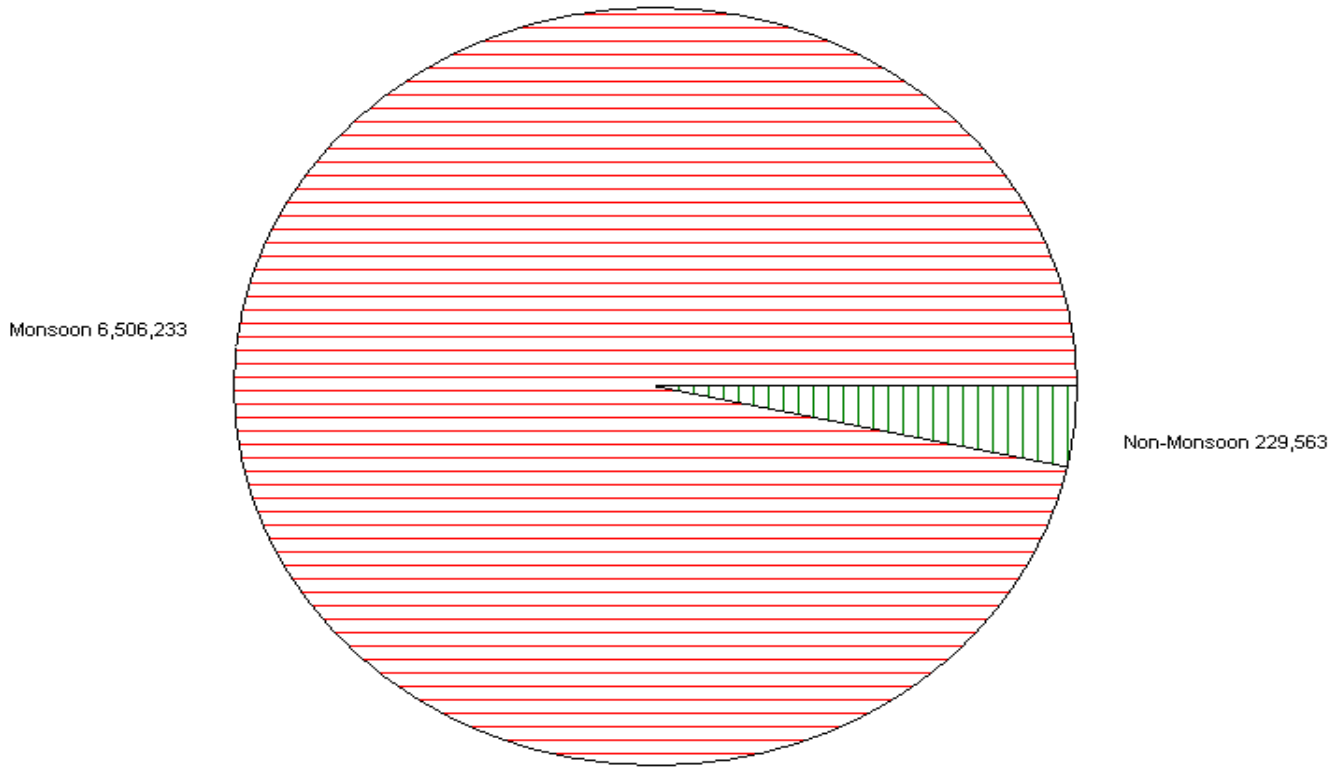
Seasonal Sediment Load for the period : 1974-2016

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

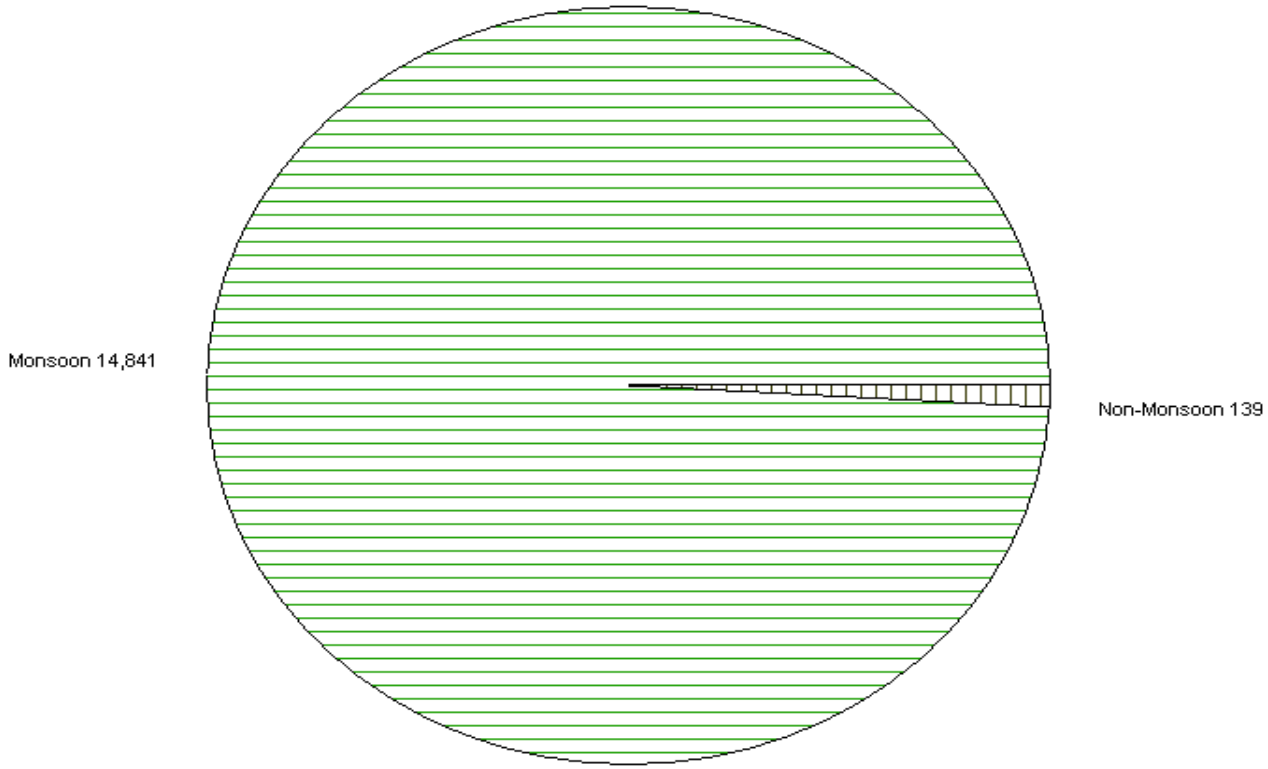
Sub-Division : Chaliyar SD, Calicut



Seasonal Sediment Load for the Year: 2016-2017

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

Division : SWR Division, Cochin
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 2016						DATE OF COLLECTION					06-09-2016						
1	35	-	705.880	707.410	1.53	77.40	0.242	0.598	20.0	4.21							
2	65	-	705.550	707.410	1.86	77.40	0.178	0.3916	20.0	2.12	79.61	1.5708	0.0372	0.004	24.16	20.0	3.00
3	90	-	705.510	707.410	1.90	77.40	0.097	0.2163	20.0	1.63							
POSTMONSOON 2016						DATE OF COLLECTION					07-11-2016						
1	35	-	706.225	707.545	1.32	77.7	0.100	0.6600	25.0	6.62							
2	65	-	705.805	707.545	1.74	77.7	0.096	0.8532	20.0	7.28	78.49	1.6578	0.08020	0.0008	10.33	25.0	4.72
3	90	-	705.705	707.545	1.84	77.7	Nil	Nil	0.9	0.27							
PREMONSOON 2017						DATE OF COLLECTION					19-05-2017						
1	35	-	706.220	-	1.22	77.20	Nil	Nil	20.0	6.62							
2	65	-	705.800	-	1.64	77.20	Nil	Nil	20.0	3.43	77.94	1.5398	0.05155	0.00005	6.128	20.0	3.43
3	90	-	705.710	-	1.73	77.20	Nil	Nil	20.0	5.38							

Annual Sediment Load for period : 2013-2017

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	18103	959	19062	447

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.681	0.000	0.000	0.005	0.005	0	0.749	0.000	0.000	0.015	0.015	1	2.340	0.000	0.000	0.048	0.048	10
2	2.568	0.000	0.000	0.020	0.020	4	0.836	0.000	0.000	0.017	0.017	1	9.396	0.000	0.000	0.028	0.028	22
3	1.091	0.000	0.000	0.022	0.022	2	0.600	0.000	0.000	0.012	0.012	1	9.396	0.000	0.000	0.028	0.028	22
4	1.108	0.000	0.000	0.022	0.022	2	0.620	0.000	0.000	0.013	0.013	1	24.55	0.000	0.000	0.026	0.026	55
5	1.427	0.000	0.000	0.028	0.028	3	0.627	0.000	0.000	0.013	0.013	1	26.24	0.000	0.000	0.028	0.028	64
6	1.045	0.000	0.000	0.022	0.022	2	0.829	0.000	0.000	0.017	0.017	1	12.30	0.000	0.000	0.013	0.013	14
7	0.942	0.000	0.000	0.020	0.020	2	1.850	0.000	0.000	0.038	0.038	6	17.13	0.000	0.000	0.018	0.018	27
8	0.901	0.000	0.000	0.019	0.019	1	1.892	0.000	0.000	0.039	0.039	6	12.38	0.000	0.000	0.013	0.013	14
9	0.816	0.000	0.000	0.017	0.017	1	1.812	0.000	0.000	0.037	0.037	6	62.33	0.000	0.000	0.059	0.059	315
10	0.650	0.000	0.000	0.014	0.014	1	16.01	0.000	0.000	0.051	0.051	70	44.90	0.000	0.000	0.042	0.042	161
11	0.975	0.000	0.000	0.020	0.020	2	7.132	0.000	0.000	0.064	0.064	40	46.01	0.000	0.000	0.043	0.043	173
12	0.681	0.000	0.000	0.014	0.014	1	3.423	0.000	0.000	0.017	0.017	5	42.97	0.000	0.000	0.041	0.041	151
13	0.600	0.000	0.000	0.013	0.013	1	83.68	0.000	0.000	0.034	0.034	243	25.29	0.000	0.000	0.025	0.025	55
14	0.487	0.000	0.000	0.010	0.010	0	69.36	0.000	0.000	0.028	0.028	167	17.70	0.000	0.000	0.017	0.017	27
15	0.525	0.000	0.000	0.011	0.011	0	80.94	0.000	0.000	0.033	0.033	227	19.50	0.000	0.000	0.019	0.019	32
16	0.896	0.000	0.000	0.019	0.019	1	79.64	0.000	0.000	0.032	0.032	220	8.335	0.000	0.000	0.024	0.024	18
17	0.484	0.000	0.000	0.010	0.010	0	45.50	0.000	0.000	0.018	0.018	72	9.396	0.000	0.000	0.028	0.028	22
18	1.490	0.000	0.000	0.031	0.031	4	45.50	0.000	0.000	0.018	0.018	72	13.85	0.000	0.000	0.041	0.041	49
19	1.300	0.000	0.000	0.027	0.027	3	22.87	0.000	0.000	0.009	0.009	18	4.240	0.000	0.000	0.012	0.012	5
20	0.834	0.000	0.000	0.017	0.017	1	79.30	0.000	0.000	0.032	0.032	218	18.29	0.000	0.000	0.054	0.054	85
21	0.598	0.000	0.000	0.012	0.012	1	76.60	0.000	0.000	0.031	0.031	203	5.026	0.000	0.000	0.015	0.015	6
22	0.600	0.000	0.000	0.012	0.012	1	78.16	0.000	0.000	0.031	0.031	212	5.026	0.000	0.000	0.015	0.015	6
23	0.655	0.000	0.000	0.014	0.014	1	65.52	0.000	0.000	0.026	0.026	149	5.026	0.000	0.000	0.015	0.015	6
24	0.480	0.000	0.000	0.010	0.010	0	57.56	0.000	0.000	0.037	0.037	186	5.026	0.000	0.000	0.015	0.015	6
25	0.539	0.000	0.000	0.011	0.011	1	48.88	0.000	0.000	0.020	0.020	83	4.240	0.000	0.000	0.012	0.012	5
26	0.525	0.000	0.000	0.011	0.011	0	46.35	0.000	0.000	0.019	0.019	74	6.517	0.000	0.000	0.019	0.019	11
27	0.525	0.000	0.000	0.011	0.011	0	47.78	0.000	0.000	0.019	0.019	79	42.93	0.000	0.000	0.041	0.041	150
28	0.635	0.000	0.000	0.013	0.013	1	48.24	0.000	0.000	0.019	0.019	80	40.58	0.000	0.000	0.038	0.038	134
29	0.768	0.000	0.000	0.016	0.016	1	40.01	0.000	0.000	0.016	0.016	56	69.53	0.000	0.000	0.656	0.656	3941
30	1.054	0.000	0.000	0.022	0.022	2	24.16	0.000	0.000	0.010	0.010	20	79.14	0.000	0.000	0.075	0.075	510
31							16.01	0.000	0.000	0.051	0.051	70	12.51	0.000	0.000	0.012	0.012	13
Ten Daily Mean																		
Ten Daily I	1.123	0.000	0.000	0.019	0.019	2	2.583	0.000	0.000	0.025	0.025	9	22.10	0.000	0.000	0.030	0.030	70
Ten Daily II	0.827	0.000	0.000	0.017	0.017	1	51.73	0.000	0.000	0.028	0.028	128	20.56	0.000	0.000	0.030	0.030	61
Ten Daily III	0.638	0.000	0.000	0.013	0.013	1	49.93	0.000	0.000	0.025	0.025	110	25.05	0.000	0.000	0.083	0.083	435
Monthly Total						41						2588						6108

Annual Sediment Load (Metric Tonnes) : 19062

Daily Observed Sediment Datasheet for period : 2016-2017

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	6.750	0.000	0.000	0.055	0.055	32	3.930	0.000	0.000	0.012	0.012	4	137.0	0.000	0.000	0.026	0.026	302
2	7.057	0.000	0.000	0.058	0.058	35	4.217	0.000	0.000	0.012	0.012	5	40.12	0.000	0.000	0.020	0.020	69
3	6.890	0.000	0.000	0.056	0.056	34	3.924	0.000	0.000	0.012	0.012	4	21.09	0.000	0.000	0.010	0.010	19
4	3.368	0.000	0.000	0.028	0.028	8	3.747	0.000	0.000	0.011	0.011	4	7.482	0.000	0.000	0.026	0.026	17
5	6.200	0.000	0.000	0.051	0.051	27	3.473	0.000	0.000	0.010	0.010	3	7.084	0.000	0.000	0.025	0.025	15
6	6.456	0.000	0.000	0.053	0.053	30	3.751	0.000	0.000	0.011	0.011	4	7.116	0.000	0.000	0.025	0.025	15
7	7.491	0.000	0.000	0.061	0.061	40	3.117	0.000	0.000	0.009	0.009	2	4.943	0.000	0.000	0.017	0.017	7
8	172.9	0.000	0.000	0.044	0.044	656	3.161	0.000	0.000	0.009	0.009	3	4.793	0.000	0.000	0.017	0.017	7
9	195.2	0.000	0.000	0.050	0.050	840	6.319	0.000	0.000	0.019	0.019	10	3.943	0.000	0.000	0.014	0.014	5
10	215.9	0.000	0.000	0.055	0.055	1028	5.471	0.000	0.000	0.016	0.016	8	3.908	0.000	0.000	0.014	0.014	5
11	217.5	0.000	0.000	0.056	0.056	1043	7.116	0.000	0.000	0.021	0.021	13	3.575	0.000	0.000	0.012	0.012	4
12	205.7	0.000	0.000	0.053	0.053	933	7.960	0.000	0.000	0.023	0.023	16	2.963	0.000	0.000	0.010	0.010	3
13	193.0	0.000	0.000	0.049	0.049	820	7.359	0.000	0.000	0.022	0.022	14	2.791	0.000	0.000	0.010	0.010	2
14	178.7	0.000	0.000	0.046	0.046	704	7.701	0.000	0.000	0.023	0.023	15	2.541	0.000	0.000	0.009	0.009	2
15	135.5	0.000	0.000	0.035	0.035	404	5.824	0.000	0.000	0.017	0.017	9	4.871	0.000	0.000	0.017	0.017	7
16	90.25	0.000	0.000	0.023	0.023	179	7.116	0.000	0.000	0.021	0.021	13	21.09	0.000	0.000	0.010	0.010	19
17	91.74	0.000	0.000	0.023	0.023	185	5.209	0.000	0.000	0.015	0.015	7	24.92	0.000	0.000	0.015	0.015	32
18	82.41	0.000	0.000	0.021	0.021	150	4.257	0.000	0.000	0.013	0.013	5	24.98	0.000	0.000	0.012	0.012	27
19	108.4	0.000	0.000	0.028	0.028	259	3.905	0.000	0.000	0.012	0.012	4	6.608	0.000	0.000	0.023	0.023	13
20	90.86	0.000	0.000	0.023	0.023	181	4.206	0.000	0.000	0.012	0.012	4	7.960	0.000	0.000	0.028	0.028	19
21	91.23	0.000	0.000	0.025	0.025	199	3.443	0.000	0.000	0.010	0.010	3	5.974	0.000	0.000	0.021	0.021	11
22	76.64	0.000	0.000	0.020	0.020	129	3.601	0.000	0.000	0.011	0.011	3	6.154	0.000	0.000	0.021	0.021	11
23	9.313	0.000	0.000	0.076	0.076	61	3.327	0.000	0.000	0.010	0.010	3	5.990	0.000	0.000	0.021	0.021	11
24	6.986	0.000	0.000	0.057	0.057	35	3.610	0.000	0.000	0.011	0.011	3	4.107	0.000	0.000	0.014	0.014	5
25	5.573	0.000	0.000	0.046	0.046	22	3.410	0.000	0.000	0.010	0.010	3	4.196	0.000	0.000	0.015	0.015	5
26	3.612	0.000	0.000	0.030	0.030	9	3.392	0.000	0.000	0.010	0.010	3	3.961	0.000	0.000	0.014	0.014	5
27	3.612	0.000	0.000	0.030	0.030	9	3.925	0.000	0.000	0.012	0.012	4	3.053	0.000	0.000	0.011	0.011	3
28	3.606	0.000	0.000	0.030	0.030	9	9.313	0.000	0.000	0.027	0.027	22	3.094	0.000	0.000	0.011	0.011	3
29	5.228	0.000	0.000	0.043	0.043	19	29.60	0.000	0.000	0.020	0.020	50	3.390	0.000	0.000	0.012	0.012	3
30	3.642	0.000	0.000	0.030	0.030	9	68.94	0.000	0.000	0.046	0.046	272	2.908	0.000	0.000	0.010	0.010	3
31							45.77	0.000	0.000	0.030	0.030	120						
Ten Daily Mean																		
Ten Daily I	62.83	0.000	0.000	0.051	0.051	273	4.111	0.000	0.000	0.012	0.012	5	23.75	0.000	0.000	0.019	0.019	46
Ten Daily II	139.4	0.000	0.000	0.036	0.036	486	6.065	0.000	0.000	0.018	0.018	10	10.23	0.000	0.000	0.015	0.015	13
Ten Daily III	20.94	0.000	0.000	0.038	0.038	50	16.21	0.000	0.000	0.018	0.018	44	4.283	0.000	0.000	0.015	0.015	6
Monthly Total						8090						630						647

Annual Sediment Load (Metric Tonnes) : 19062

Daily Observed Sediment Datasheet for period : 2016-2017

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	3.077	0.000	0.000	0.014	0.014	4	2.755	0.000	0.000	0.018	0.018	4	2.077	0.000	0.000	0.017	0.017	3
2	3.066	0.000	0.000	0.014	0.014	4	3.038	0.000	0.000	0.020	0.020	5	2.022	0.000	0.000	0.016	0.016	3
3	21.06	0.000	0.000	0.020	0.020	37	2.505	0.000	0.000	0.016	0.016	4	1.770	0.000	0.000	0.014	0.014	2
4	20.86	0.000	0.000	0.020	0.020	36	2.603	0.000	0.000	0.017	0.017	4	1.956	0.000	0.000	0.016	0.016	3
5	3.000	0.000	0.000	0.014	0.014	4	2.677	0.000	0.000	0.017	0.017	4	1.876	0.000	0.000	0.015	0.015	2
6	3.053	0.000	0.000	0.014	0.014	4	2.838	0.000	0.000	0.018	0.018	5	1.781	0.000	0.000	0.014	0.014	2
7	15.13	0.000	0.000	0.015	0.015	19	2.391	0.000	0.000	0.016	0.016	3	1.787	0.000	0.000	0.014	0.014	2
8	3.245	0.000	0.000	0.015	0.015	4	2.917	0.000	0.000	0.019	0.019	5	1.806	0.000	0.000	0.015	0.015	2
9	3.094	0.000	0.000	0.014	0.014	4	2.611	0.000	0.000	0.017	0.017	4	1.796	0.000	0.000	0.014	0.014	2
10	2.990	0.000	0.000	0.014	0.014	4	2.119	0.000	0.000	0.014	0.014	3	2.044	0.000	0.000	0.016	0.016	3
11	15.75	0.000	0.000	0.059	0.059	81	2.935	0.000	0.000	0.019	0.019	5	2.066	0.000	0.000	0.017	0.017	3
12	15.75	0.000	0.000	0.059	0.059	81	2.521	0.000	0.000	0.016	0.016	4	2.150	0.000	0.000	0.017	0.017	3
13	2.944	0.000	0.000	0.014	0.014	3	2.904	0.000	0.000	0.019	0.019	5	1.443	0.000	0.000	0.012	0.012	1
14	3.054	0.000	0.000	0.014	0.014	4	2.938	0.000	0.000	0.019	0.019	5	1.520	0.000	0.000	0.012	0.012	2
15	2.930	0.000	0.000	0.014	0.014	3	2.443	0.000	0.000	0.016	0.016	3	1.395	0.000	0.000	0.011	0.011	1
16	2.732	0.000	0.000	0.013	0.013	3	2.853	0.000	0.000	0.019	0.019	5	1.099	0.000	0.000	0.009	0.009	1
17	2.911	0.000	0.000	0.013	0.013	3	2.878	0.000	0.000	0.019	0.019	5	1.108	0.000	0.000	0.009	0.009	1
18	3.257	0.000	0.000	0.015	0.015	4	3.293	0.000	0.000	0.021	0.021	6	1.087	0.000	0.000	0.009	0.009	1
19	3.259	0.000	0.000	0.015	0.015	4	2.540	0.000	0.000	0.017	0.017	4	0.870	0.000	0.000	0.007	0.007	1
20	3.137	0.000	0.000	0.014	0.014	4	2.939	0.000	0.000	0.019	0.019	5	1.069	0.000	0.000	0.009	0.009	1
21	3.238	0.000	0.000	0.015	0.015	4	2.821	0.000	0.000	0.018	0.018	4	1.072	0.000	0.000	0.009	0.009	1
22	3.099	0.000	0.000	0.014	0.014	4	2.443	0.000	0.000	0.016	0.016	3	1.464	0.000	0.000	0.012	0.012	1
23	3.099	0.000	0.000	0.014	0.014	4	2.825	0.000	0.000	0.018	0.018	4	1.469	0.000	0.000	0.012	0.012	1
24	3.069	0.000	0.000	0.014	0.014	4	2.186	0.000	0.000	0.014	0.014	3	0.963	0.000	0.000	0.008	0.008	1
25	2.917	0.000	0.000	0.013	0.013	3	2.208	0.000	0.000	0.014	0.014	3	0.938	0.000	0.000	0.008	0.008	1
26	3.880	0.000	0.000	0.018	0.018	6	2.150	0.000	0.000	0.014	0.014	3	67.59	0.000	0.000	0.032	0.032	187
27	3.057	0.000	0.000	0.014	0.014	4	2.061	0.000	0.000	0.013	0.013	2	69.10	0.000	0.000	0.032	0.032	192
28	2.827	0.000	0.000	0.013	0.013	3	2.184	0.000	0.000	0.014	0.014	3	7.079	0.000	0.000	0.057	0.057	35
29	3.072	0.000	0.000	0.014	0.014	4	2.150	0.000	0.000	0.014	0.014	3						
30	2.902	0.000	0.000	0.013	0.013	3	2.138	0.000	0.000	0.014	0.014	3						
31	2.780	0.000	0.000	0.013	0.013	3	2.130	0.000	0.000	0.014	0.014	3						
Ten Daily Mean																		
Ten Daily I	7.857	0.000	0.000	0.015	0.015	12	2.645	0.000	0.000	0.017	0.017	4	1.891	0.000	0.000	0.015	0.015	2
Ten Daily II	5.572	0.000	0.000	0.023	0.023	19	2.824	0.000	0.000	0.018	0.018	5	1.381	0.000	0.000	0.011	0.011	1
Ten Daily III	3.086	0.000	0.000	0.014	0.014	4	2.300	0.000	0.000	0.015	0.015	3	18.71	0.000	0.000	0.021	0.021	52
Monthly Total						350						118						458

Annual Sediment Load (Metric Tonnes) : 19062

Daily Observed Sediment Datasheet for period : 2016-2017

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	2.447	0.000	0.000	0.020	0.020	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	2.416	0.000	0.000	0.019	0.019	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	1.949	0.000	0.000	0.016	0.016	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	1.440	0.000	0.000	0.012	0.012	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	1.523	0.000	0.000	0.012	0.012	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	1.439	0.000	0.000	0.012	0.012	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.944	0.000	0.000	0.024	0.024	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.871	0.000	0.000	0.022	0.022	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.742	0.000	0.000	0.019	0.019	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.770	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
11	0.585	0.000	0.000	0.015	0.015	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.968	0.000	0.000	0.025	0.025	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	1.030	0.000	0.000	0.026	0.026	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.789	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
15	0.597	0.000	0.000	0.015	0.015	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.559	0.000	0.000	0.014	0.014	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.519	0.000	0.000	0.013	0.013	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.500	0.000	0.000	0.013	0.013	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.556	0.000	0.000	0.014	0.014	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	0.526	0.000	0.000	0.014	0.014	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.428	0.000	0.000	0.011	0.011	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.371	0.000	0.000	0.010	0.010	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							1.650	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	1.454	0.000	0.000	0.018	0.018	2	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	0.663	0.000	0.000	0.017	0.017	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 III	0.073	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0	0.150	0.000	0.000	0.000	0.000	0
Monthly Total						33						0						0

Annual Sediment Load (Metric Tonnes) : 19062

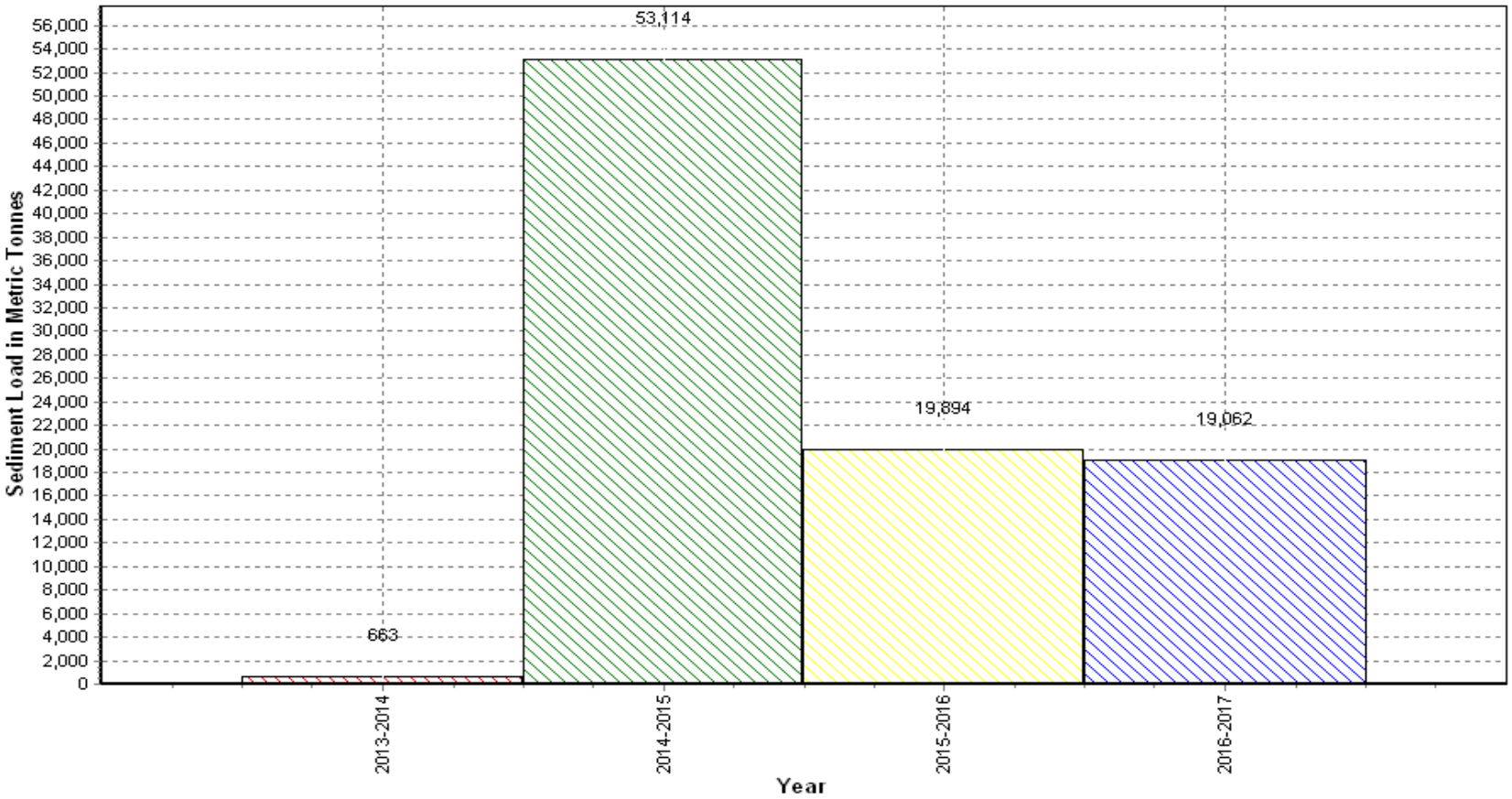
Annual Sediment Load for the period: 2013-2017

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

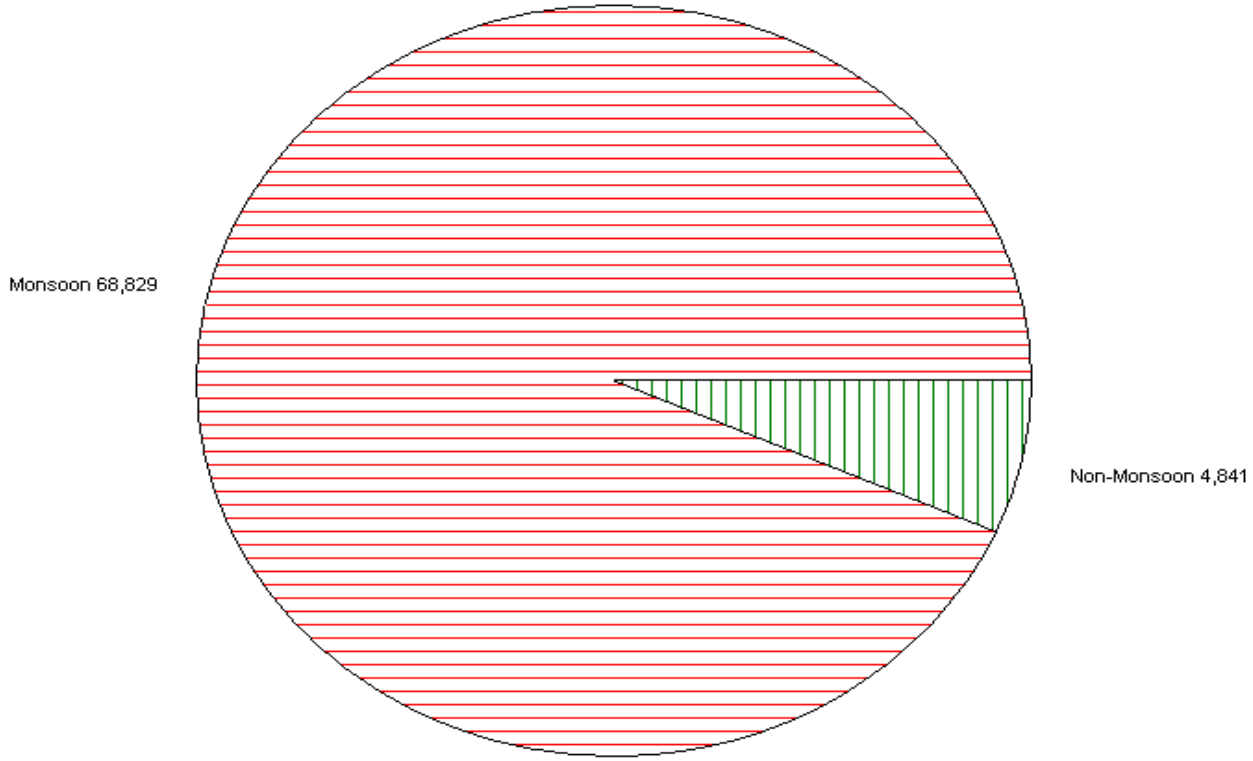
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2016

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

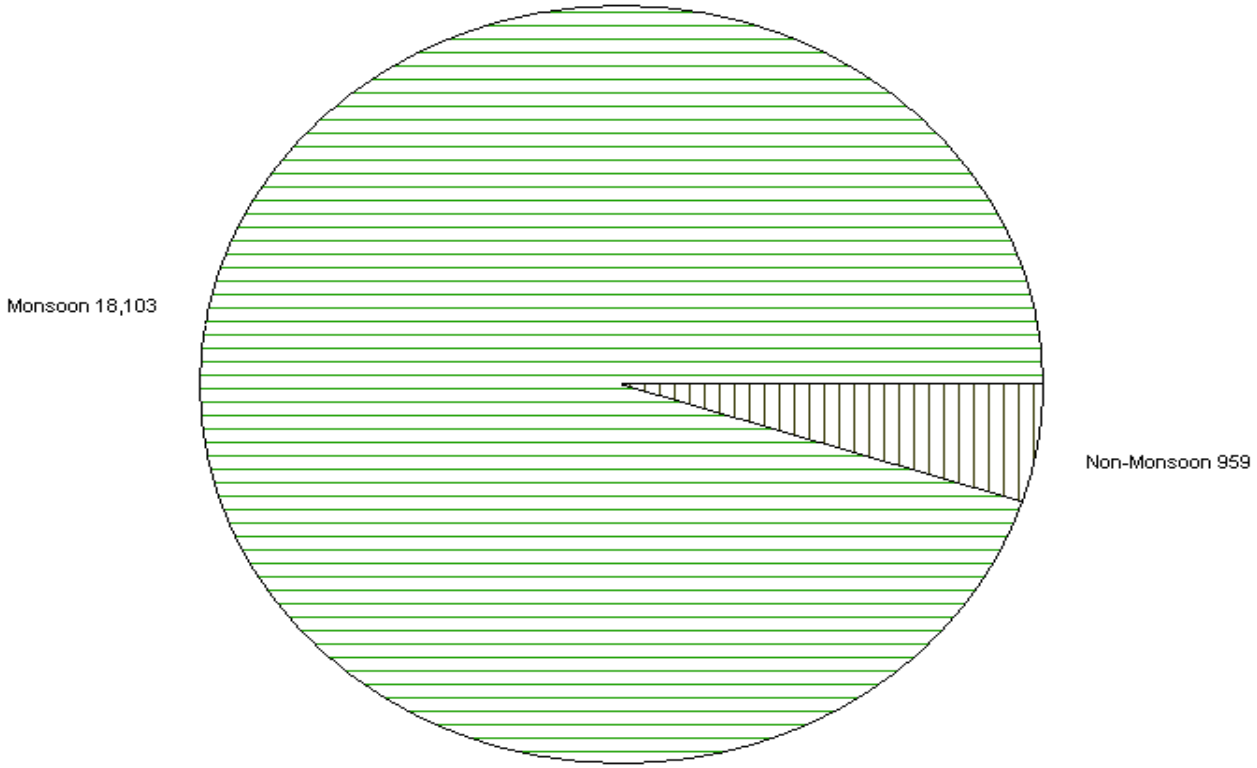
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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										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 2016 DATE OF COLLECTION 00-00-0000																	
1																	
2							Sample not collected										
3																	
POSTMONSOON 2016 DATE OF COLLECTION 28.12.2016																	
1	60	-	750.365	746.850	0.95	105.9	0.274	0.279	11	1.63							
2	90	-	749.365	746.850	1.95	105.9			11	1.49	102.634	1.547	0.0187	0.00005	2.946	11	1.27
3	130	-	749.015	746.850	2.300	105.9			-	0.70							
PREMONSOON 2017 DATE OF COLLECTION 17.05.2017																	
1	60	-	750.050	751.110	1.06	105.9			9.5	1.74							
2	90	-	748.810	751.110	2.30	105.9			7.5	0.76	NO FLOW					9.5	1.29
3	130	-	748.660	751.110	2.45	105.9	- No Flow -		9.5	1.39							

Annual Sediment Load for period : 1994-2017

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	Sediment Observation not done			685
2007-2008	Sediment Observation not done			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	7794	743	8537	559

* Partial Data

Daily Observed Sediment Datasheet for period : 2016-2017

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	18.09	0.000	0.000	0.016	0.016	24
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	16.84	0.000	0.000	0.016	0.016	23
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	18.81	0.000	0.000	0.019	0.019	30
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	28.60	0.000	0.000	0.018	0.018	45
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.32	0.000	0.000	0.017	0.017	36
6	0.000	0.000	0.000	0.000	0.000	0	5.003	0.000	0.000	0.012	0.012	5	25.44	0.000	0.000	0.016	0.016	36
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	222.7	0.000	0.000	0.016	0.016	312
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	58.91	0.000	0.000	0.016	0.016	81
9	0.000	0.000	0.000	0.000	0.000	0	2.838	0.000	0.000	0.013	0.013	3	56.89	0.000	0.000	0.016	0.016	78
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	51.62	0.000	0.000	0.016	0.016	70
11	0.000	0.000	0.000	0.000	0.000	0	83.56	0.000	0.000	0.013	0.013	93	52.18	0.000	0.000	0.019	0.019	85
12	0.000	0.000	0.000	0.000	0.000	0	56.42	0.000	0.000	0.014	0.014	66	44.56	0.000	0.000	0.019	0.019	71
13	0.000	0.000	0.000	0.000	0.000	0	57.09	0.000	0.000	0.014	0.014	67	24.81	0.000	0.000	0.019	0.019	41
14	0.000	0.000	0.000	0.000	0.000	0	58.67	0.000	0.000	0.014	0.014	70	26.79	0.000	0.000	0.020	0.020	47
15	0.000	0.000	0.000	0.000	0.000	0	57.14	0.000	0.000	0.014	0.014	67	26.79	0.000	0.000	0.020	0.020	47
16	0.000	0.000	0.000	0.000	0.000	0	42.59	0.000	0.000	0.014	0.014	50	25.87	0.000	0.000	0.018	0.018	40
17	0.000	0.000	0.000	0.000	0.000	0	36.21	0.000	0.000	0.014	0.014	43	19.03	0.000	0.000	0.018	0.018	29
18	0.000	0.000	0.000	0.000	0.000	0	19.48	0.000	0.000	0.014	0.014	24	33.45	0.000	0.000	0.014	0.014	40
19	0.000	0.000	0.000	0.000	0.000	0	77.34	0.000	0.000	0.015	0.015	102	29.67	0.000	0.000	0.016	0.016	42
20	0.000	0.000	0.000	0.000	0.000	0	75.32	0.000	0.000	0.015	0.015	100	22.39	0.000	0.000	0.016	0.016	31
21	0.000	0.000	0.000	0.000	0.000	0	74.83	0.000	0.000	0.015	0.015	96	26.79	0.000	0.000	0.016	0.016	38
22	0.000	0.000	0.000	0.000	0.000	0	75.29	0.000	0.000	0.015	0.015	100	24.01	0.000	0.000	0.017	0.017	34
23	0.000	0.000	0.000	0.000	0.000	0	55.66	0.000	0.000	0.015	0.015	71	21.77	0.000	0.000	0.017	0.017	33
24	0.000	0.000	0.000	0.000	0.000	0	54.40	0.000	0.000	0.015	0.015	69	28.89	0.000	0.000	0.016	0.016	40
25	0.000	0.000	0.000	0.000	0.000	0	49.65	0.000	0.000	0.015	0.015	62	22.24	0.000	0.000	0.018	0.018	34
26	0.000	0.000	0.000	0.000	0.000	0	50.46	0.000	0.000	0.015	0.015	65	78.16	0.000	0.000	0.015	0.015	104
27	0.000	0.000	0.000	0.000	0.000	0	50.11	0.000	0.000	0.015	0.015	64	74.25	0.000	0.000	0.015	0.015	96
28	0.000	0.000	0.000	0.000	0.000	0	50.05	0.000	0.000	0.015	0.015	64	79.89	0.000	0.000	0.015	0.015	104
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	85.02	0.000	0.000	0.015	0.015	111
30	0.000	0.000	0.000	0.000	0.000	0	10.82				0.000	0	17.31	0.000	0.000	0.018	0.018	27
31							17.40	0.000	0.000	0.015	0.015	23	20.09	0.000	0.000	0.018	0.018	31
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	0.784	0.000	0.000	0.003	0.003	1	52.22	0.000	0.000	0.017	0.017	74
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	56.38	0.000	0.000	0.014	0.014	68	30.55	0.000	0.000	0.018	0.018	47
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	44.42	0.000	0.000	0.013	0.012	56	43.49	0.000	0.000	0.016	0.016	59
Monthly																		
Total						0						1302						1862

Annual Sediment Load (Metric Tonnes) : 8537

Daily Observed Sediment Datasheet for period : 2016-2017

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	18.23	0.000	0.000	0.019	0.019	29	0.000	0.000	0.000	0.000	0.000	0	57.03	0.000	0.000	0.014	0.014	70
2	16.12	0.000	0.000	0.016	0.016	23	0.000	0.000	0.000	0.000	0.000	0	11.86	0.000	0.000	0.012	0.012	12
3	16.75	0.000	0.000	0.017	0.017	25	0.000	0.000	0.000	0.000	0.000	0	10.78	0.000	0.000	0.018	0.018	17
4	16.75	0.000	0.000	0.017	0.017	25	12.23	0.000	0.000	0.012	0.012	13	10.43	0.000	0.000	0.016	0.016	14
5	16.75	0.000	0.000	0.017	0.017	25	22.49	0.000	0.000	0.019	0.019	37	10.26	0.000	0.000	0.019	0.019	16
6	17.88	0.000	0.000	0.019	0.019	29	27.18	0.000	0.000	0.019	0.019	44	11.86	0.000	0.000	0.015	0.015	16
7	222.7	0.000	0.000	0.018	0.018	339	46.80	0.000	0.000	0.016	0.016	66	16.46	0.000	0.000	0.012	0.012	17
8	200.5	0.000	0.000	0.017	0.017	300	26.78	0.000	0.000	0.018	0.018	42	15.94	0.000	0.000	0.012	0.012	16
9	231.1	0.000	0.000	0.016	0.016	322	29.23	0.000	0.000	0.020	0.020	49	16.22	0.000	0.000	0.012	0.012	17
10	179.0	0.000	0.000	0.016	0.016	249	24.02	0.000	0.000	0.017	0.017	36	20.63	0.000	0.000	0.011	0.011	19
11	184.5	0.000	0.000	0.017	0.017	263	29.23	0.000	0.000	0.021	0.021	53	23.39	0.000	0.000	0.011	0.011	22
12	161.8	0.000	0.000	0.016	0.016	221	21.71	0.000	0.000	0.014	0.014	26	25.73	0.000	0.000	0.016	0.016	34
13	123.0	0.000	0.000	0.016	0.016	168	20.04	0.000	0.000	0.013	0.013	22	51.83	0.000	0.000	0.015	0.015	65
14	121.2	0.000	0.000	0.016	0.016	165	17.95	0.000	0.000	0.013	0.013	20	46.69	0.000	0.000	0.013	0.013	53
15	73.42	0.000	0.000	0.015	0.015	98	16.22	0.000	0.000	0.013	0.013	18	54.73	0.000	0.000	0.016	0.016	73
16	69.00	0.000	0.000	0.015	0.015	91	16.80	0.000	0.000	0.014	0.014	20	57.32	0.000	0.000	0.014	0.014	69
17	46.42	0.000	0.000	0.018	0.018	72	17.10	0.000	0.000	0.014	0.014	21	18.28	0.000	0.000	0.012	0.012	18
18	80.08	0.000	0.000	0.017	0.017	117	17.58	0.000	0.000	0.013	0.013	19	16.63	0.000	0.000	0.012	0.012	17
19	77.47	0.000	0.000	0.016	0.016	106	15.92	0.000	0.000	0.013	0.013	18	19.97	0.000	0.000	0.014	0.014	24
20	78.44	0.000	0.000	0.016	0.016	108	16.04	0.000	0.000	0.012	0.012	17	18.19	0.000	0.000	0.013	0.013	20
21	57.51	0.000	0.000	0.016	0.016	78	14.53	0.000	0.000	0.012	0.012	15	17.79	0.000	0.000	0.012	0.012	18
22	18.19	0.000	0.000	0.005	0.005	8	13.38	0.000	0.000	0.013	0.013	15	18.48	0.000	0.000	0.012	0.012	20
23	10.78	0.000	0.000	0.005	0.005	4	16.35	0.000	0.000	0.011	0.011	16	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	16.69	0.000	0.000	0.012	0.012	17	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	24.03	0.000	0.000	0.017	0.017	35	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	55.61	0.000	0.000	0.014	0.014	69	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	54.34	0.000	0.000	0.014	0.014	65	0.000	0.000	0.000	0.000	0.000	0
28	8.801	0.000	0.000	0.004	0.004	3	62.06	0.000	0.000	0.014	0.014	75	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	71.27	0.000	0.000	0.016	0.016	99	0.000	0.000	0.000	0.000	0.000	0
30	0.000	0.000	0.000	0.000	0.000	0	71.27	0.000	0.000	0.016	0.016	99	0.000	0.000	0.000	0.000	0.000	0
31							76.98	0.000	0.000	0.014	0.014	93						
Ten Daily Mean																		
Ten Daily I	93.59	0.000	0.000	0.017	0.017	136	18.87	0.000	0.000	0.012	0.012	29	18.15	0.000	0.000	0.014	0.014	21
Ten Daily II	101.5	0.000	0.000	0.016	0.016	141	18.86	0.000	0.000	0.014	0.014	23	33.28	0.000	0.000	0.013	0.013	40
Ten Daily III	9.528	0.000	0.000	0.003	0.003	9	43.32	0.000	0.000	0.014	0.014	54	3.627	0.000	0.000	0.002	0.002	4
Monthly																		
Total						2866						1116						648

Annual Sediment Load (Metric Tonnes) : 8537

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	14.73	0.000	0.000	0.012	0.012	15
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.26	0.000	0.000	0.012	0.012	16
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	16.98	0.000	0.000	0.013	0.013	19
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	16.03	0.000	0.000	0.011	0.011	15
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	16.61	0.000	0.000	0.012	0.012	17
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	15.75	0.000	0.000	0.012	0.012	17
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.587	0.000	0.000	0.003	0.003	1
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.587	0.000	0.000	0.003	0.003	1
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.387	0.000	0.000	0.001	0.001	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.387	0.000	0.000	0.001	0.001	0
11	0.000	0.000	0.000	0.000	0.000	0	17.42	0.000	0.000	0.013	0.013	20	4.016	0.000	0.000	0.003	0.003	1
12	0.000	0.000	0.000	0.000	0.000	0	18.56	0.000	0.000	0.012	0.012	19	4.016	0.000	0.000	0.003	0.003	1
13	0.000	0.000	0.000	0.000	0.000	0	18.55	0.000	0.000	0.013	0.013	21	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	16.80	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	17.32	0.000	0.000	0.013	0.013	20	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	16.98	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	17.80	0.000	0.000	0.013	0.013	20	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	17.80	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	16.97	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	16.99	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	17.69	0.000	0.000	0.013	0.013	19	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	13.90	0.000	0.000	0.010	0.010	12	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	128.6	0.000	0.000	0.015	0.015	168
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	121.1	0.000	0.000	0.014	0.014	150
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	41.38	0.000	0.000	0.014	0.014	51
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.492	0.000	0.000	0.015	0.015	7
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.055	0.000	0.000	0.015	0.015	1
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	17.37	0.000	0.000	0.013	0.013	20						
31	0.000	0.000	0.000	0.000	0.000	0	15.21	0.000	0.000	0.015	0.015	19						
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	10.53	0.000	0.000	0.008	0.008	10
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	17.52	0.000	0.000	0.013	0.013	19	0.803	0.000	0.000	0.001	0.001	0
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	5.833	0.000	0.000	0.005	0.005	6	37.21	0.000	0.000	0.009	0.009	47
Monthly																		
Total						0						265						479

Annual Sediment Load (Metric Tonnes) : 8537

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.602	0.000	0.000	0.000	0.000	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	0.060	0.000	0.000	0.000	0.000	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) : 8537

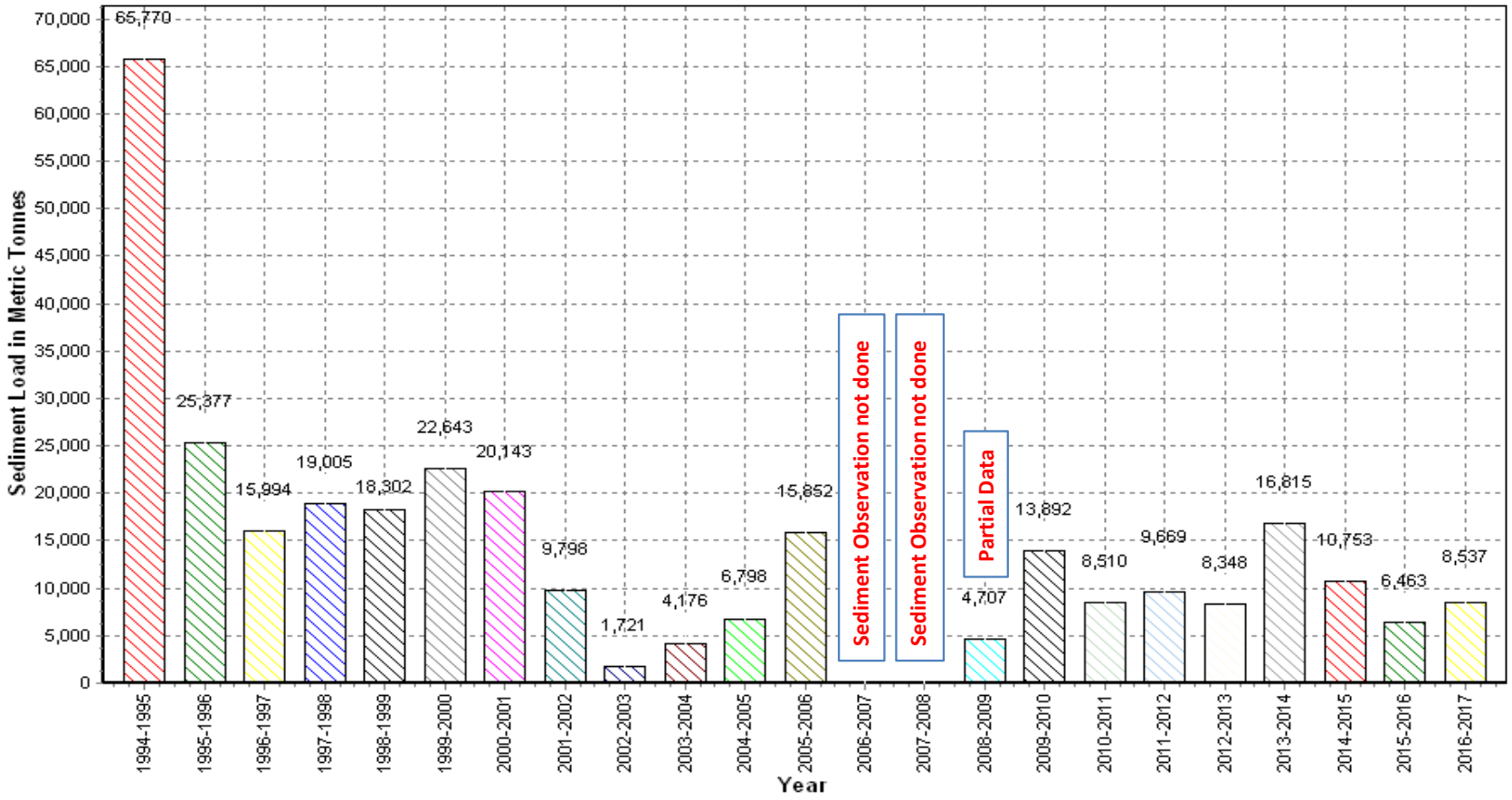
Annual Sediment Load for the period: 1994-2017

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

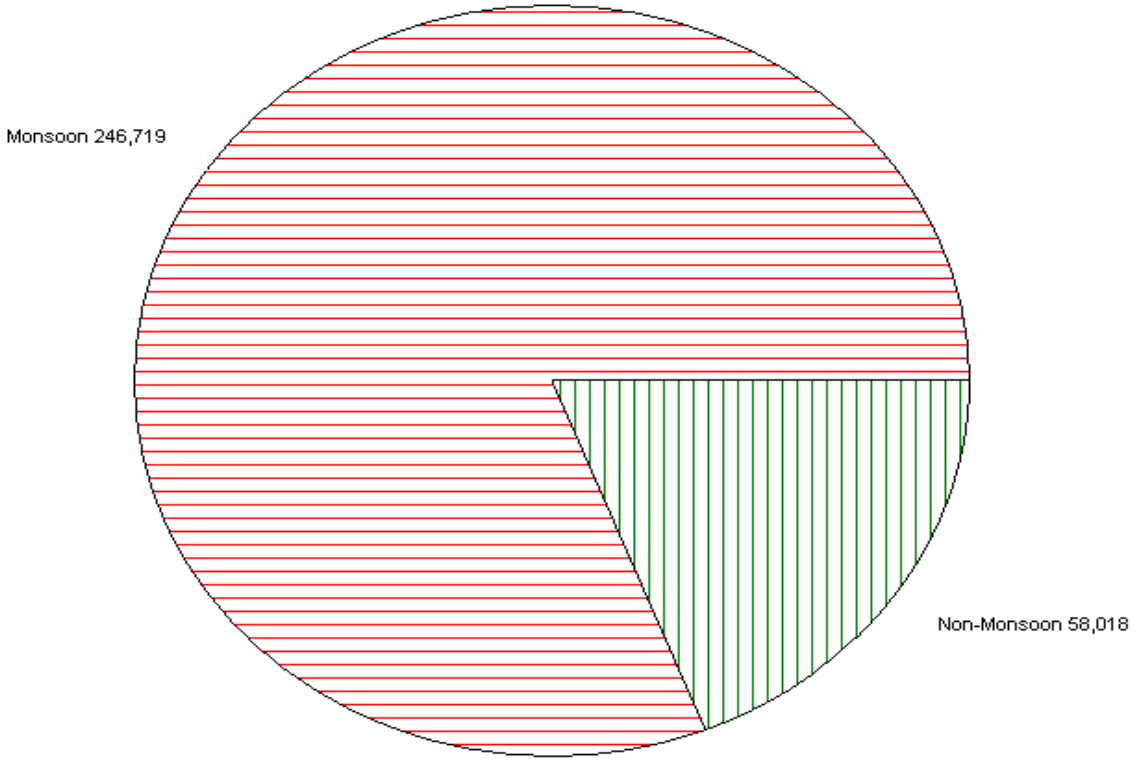
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1994-2016

Station Name : M.H.Halli (CCR00M8)
Local River : Hemavathi

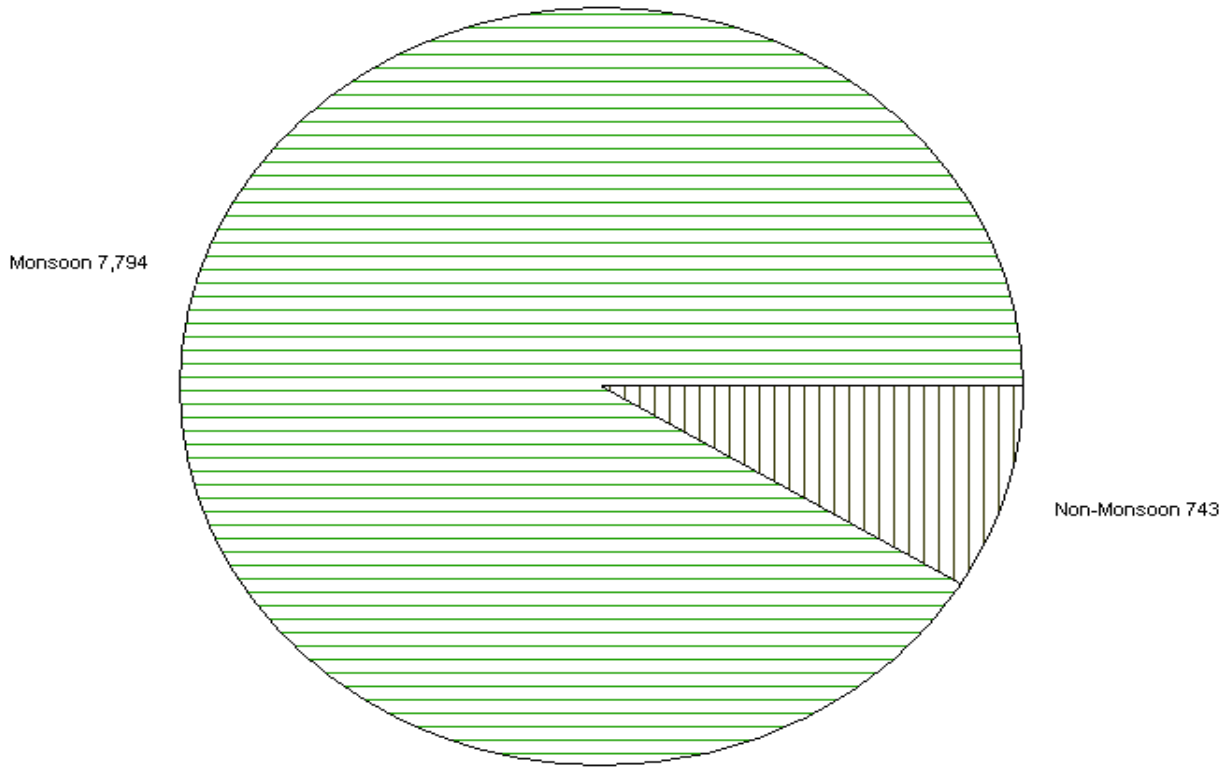
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

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 : M H 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 2016 DATE OF COLLECTION 00-00-0000																	
1																	
2							Sample not collected										
3																	
POSTMONSOON 2016 DATE OF COLLECTION 11.01.2017																	
1	50	-	837.390	-	0.78	133.5	-	-	0.60	0.17							
2	100	-	837.090	-	1.40	133.5	0.355	17.79	8.50	1.23	133.974	1.161	0.114	0.00005	12.29	23.00	2.46
3	150	-	837.830	-	0.91	133.5	0.088	-	23	5.98							
PREMONSOON 2017 DATE OF COLLECTION 14.07.2017																	
1	60	-	836.310	837.830	1.570	133.5			1.75	0.52							
2	100	-	836.600	837.830	1.280	133.5	NO FLOW		9	1.31	- No Flow -					72	3.74
3	150	-	837.170	837.830	1.710	133.5			72	9.41							

.

Annual Sediment Load for period : 2013-2017

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	3373	1470
2014-2015	88360	703	89064	1329
2015-2016	18269	174	18444	778
2016-2017	18839	145	18984	585

Daily Observed Sediment Datasheet for period : 2016-2017

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	1.670	0.000	0.000	0.000	0.000	0	127.5	0.001	0.004	0.034	0.038	423	36.44	0.000	0.000	0.007	0.007	23
2	1.947	0.000	0.000	0.006	0.006	1	143.6	0.001	0.003	0.055	0.059	727	75.86	0.000	0.003	0.028	0.031	203
3	1.965	0.000	0.000	0.015	0.015	3	169.4	0.001	0.022	0.096	0.119	1737	69.82	0.001	0.003	0.034	0.038	227
4	1.983	0.000	0.000	0.009	0.009	2	141.9	0.001	0.018	0.080	0.100	1220	80.32	0.001	0.003	0.033	0.036	252
5	1.940	0.000	0.000	0.009	0.009	1	198.9	0.003	0.034	0.082	0.119	2040	100.4	0.002	0.005	0.029	0.035	305
6	1.725	0.000	0.000	0.000	0.000	0	91.20	0.000	0.002	0.028	0.030	236	135.4	0.001	0.003	0.035	0.038	447
7	1.553	0.000	0.000	0.006	0.006	1	193.3	0.002	0.003	0.094	0.099	1650	138.9	0.000	0.000	0.036	0.036	430
8	1.364	0.000	0.000	0.005	0.005	1	68.10	0.002	0.004	0.161	0.167	983	105.2	0.000	0.002	0.025	0.026	239
9	1.796	0.000	0.000	0.007	0.007	1	80.39	0.004	0.004	0.038	0.045	314	95.94	0.001	0.002	0.014	0.017	144
10	7.909	0.000	0.000	0.034	0.034	23	104.0	0.002	0.005	0.022	0.029	261	78.60	0.000	0.000	0.007	0.007	50
11	22.70	0.000	0.000	0.018	0.018	35	139.2	0.001	0.006	0.006	0.013	156	72.80	0.000	0.000	0.015	0.015	95
12	12.89	0.000	0.000	0.010	0.010	12	105.1	0.002	0.001	0.012	0.015	140	61.09	0.000	0.000	0.025	0.025	134
13	7.226	0.000	0.000	0.003	0.003	2	136.4	0.001	0.003	0.040	0.044	520	60.05	0.000	0.000	0.052	0.052	270
14	5.058	0.000	0.000	0.009	0.009	4	105.1	0.001	0.002	0.007	0.010	94	57.10	0.000	0.000	0.049	0.049	244
15	4.405	0.000	0.000	0.009	0.009	3	75.59	0.000	0.000	0.011	0.011	69	54.06	0.000	0.000	0.008	0.008	38
16	4.415	0.000	0.000	0.008	0.008	3	71.41	0.000	0.006	0.007	0.013	81	54.39	0.000	0.000	0.008	0.008	39
17	8.195	0.000	0.000	0.005	0.005	4	54.06	0.000	0.000	0.001	0.001	6	57.72	0.000	0.000	0.013	0.013	65
18	6.708	0.000	0.000	0.003	0.003	2	57.59	0.000	0.000	0.001	0.001	6	55.42	0.000	0.000	0.024	0.024	113
19	4.709	0.000	0.000	0.003	0.003	1	65.22	0.000	0.000	0.009	0.009	50	49.75	0.000	0.000	0.011	0.011	49
20	4.651	0.000	0.000	0.003	0.003	1	35.64	0.000	0.000	0.010	0.010	32	59.37	0.000	0.000	0.022	0.022	114
21	4.632	0.000	0.000	0.006	0.006	2	35.71	0.000	0.000	0.004	0.004	12	41.90	0.000	0.000	0.015	0.015	54
22	6.217	0.000	0.000	0.004	0.004	2	34.76	0.000	0.000	0.009	0.009	26	38.47	0.000	0.000	0.008	0.008	25
23	8.131	0.000	0.000	0.004	0.004	3	33.91	0.000	0.000	0.013	0.013	38	36.40	0.000	0.000	0.007	0.007	22
24	11.20	0.000	0.000	0.005	0.005	5	34.12	0.000	0.000	0.007	0.007	22	47.52	0.000	0.000	0.009	0.009	36
25	9.193	0.000	0.000	0.007	0.007	5	31.52	0.000	0.000	0.002	0.002	5	34.90	0.000	0.000	0.012	0.012	36
26	12.48	0.000	0.000	0.006	0.006	6	32.10	0.000	0.000	0.002	0.002	6	34.48	0.000	0.000	0.010	0.010	29
27	13.87	0.000	0.000	0.005	0.005	6	26.69	0.000	0.000	0.003	0.003	8	38.25	0.000	0.000	0.010	0.010	34
28	39.17	0.009	0.004	0.039	0.052	175	37.66	0.004	0.007	0.027	0.039	126	32.89	0.000	0.000	0.008	0.008	23
29	246.1	0.001	0.003	0.070	0.074	1563	118.0	0.001	0.004	0.062	0.067	685	31.35	0.000	0.000	0.006	0.006	17
30	93.03	0.009	0.003	0.049	0.061	490	47.40	0.001	0.002	0.017	0.020	80	36.22	0.000	0.000	0.007	0.007	23
31							54.81	0.001	0.002	0.020	0.023	107	32.00	0.000	0.000	0.004	0.004	12
Ten Daily Mean																		
Ten Daily I	2.385	0.000	0.000	0.009	0.009	3	131.8	0.002	0.010	0.069	0.080	959	91.69	0.001	0.002	0.025	0.027	232
Ten Daily II	8.096	0.000	0.000	0.007	0.007	7	84.53	0.001	0.002	0.010	0.013	115	58.17	0.000	0.000	0.023	0.023	116
Ten Daily III	44.40	0.002	0.001	0.019	0.022	226	44.24	0.001	0.001	0.015	0.017	101	36.76	0.000	0.000	0.009	0.009	28
Monthly																		
Total						2355						11859						3792

Annual Sediment Load (Metric Tonnes) : 18984

Daily Observed Sediment Datasheet for period : 2016-2017

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	29.57	0.000	0.000	0.008	0.008	20	16.70	0.000	0.000	0.021	0.021	30	6.286	0.000	0.000	0.005	0.005	3
2	33.56	0.000	0.000	0.002	0.002	7	15.90	0.000	0.000	0.020	0.020	27	10.14	0.000	0.000	0.017	0.017	15
3	39.69	0.000	0.000	0.012	0.012	42	14.79	0.000	0.000	0.015	0.015	19	8.547	0.000	0.000	0.006	0.006	4
4	31.68	0.000	0.000	0.010	0.010	27	13.93	0.000	0.000	0.011	0.011	13	7.258	0.000	0.000	0.006	0.006	4
5	31.08	0.000	0.000	0.008	0.008	21	12.42	0.000	0.000	0.005	0.005	6	6.561	0.000	0.000	0.005	0.005	3
6	30.06	0.000	0.000	0.008	0.008	19	12.65	0.000	0.000	0.008	0.008	9	7.055	0.000	0.000	0.005	0.005	3
7	39.40	0.000	0.000	0.011	0.011	36	12.22	0.000	0.000	0.008	0.008	9	6.417	0.000	0.000	0.005	0.005	3
8	34.22	0.000	0.000	0.008	0.008	23	11.94	0.000	0.000	0.006	0.006	6	6.006	0.000	0.000	0.007	0.007	4
9	28.29	0.000	0.000	0.010	0.010	23	12.89	0.000	0.000	0.006	0.006	7	5.878	0.000	0.000	0.007	0.007	4
10	25.93	0.000	0.000	0.006	0.006	13	11.20	0.000	0.000	0.007	0.007	6	5.788	0.000	0.000	0.006	0.006	3
11	22.70	0.000	0.000	0.008	0.008	16	12.48	0.000	0.000	0.007	0.007	8	5.692	0.000	0.000	0.005	0.005	3
12	25.54	0.000	0.000	0.011	0.011	23	13.73	0.000	0.000	0.008	0.008	10	5.580	0.000	0.000	0.005	0.005	2
13	29.32	0.000	0.000	0.011	0.011	27	22.44	0.001	0.000	0.033	0.034	66	5.541	0.000	0.000	0.005	0.005	2
14	35.92	0.000	0.000	0.010	0.010	32	15.35	0.000	0.000	0.007	0.007	9	5.258	0.000	0.000	0.005	0.005	2
15	25.68	0.000	0.000	0.009	0.009	21	12.68	0.000	0.000	0.002	0.002	2	7.787	0.000	0.000	0.003	0.003	2
16	25.89	0.000	0.000	0.013	0.013	30	11.69	0.000	0.000	0.004	0.004	4	6.895	0.000	0.000	0.002	0.002	1
17	25.38	0.000	0.000	0.011	0.011	23	10.86	0.000	0.000	0.004	0.004	3	6.348	0.000	0.000	0.003	0.003	2
18	23.22	0.000	0.000	0.009	0.009	18	10.31	0.000	0.000	0.000	0.000	0	5.733	0.000	0.000	0.002	0.002	1
19	24.36	0.000	0.000	0.008	0.008	16	9.571	0.000	0.000	0.001	0.001	1	5.429	0.000	0.000	0.002	0.002	1
20	23.73	0.000	0.000	0.002	0.002	4	9.032	0.000	0.000	0.001	0.001	1	5.541	0.000	0.000	0.002	0.002	1
21	19.23	0.000	0.000	0.002	0.002	3	7.968	0.000	0.000	0.004	0.004	3	5.322	0.000	0.000	0.002	0.002	1
22	21.28	0.000	0.000	0.003	0.003	5	7.791	0.000	0.000	0.004	0.004	2	5.216	0.000	0.000	0.002	0.002	1
23	21.55	0.000	0.000	0.006	0.006	11	8.035	0.000	0.000	0.006	0.006	4	5.103	0.000	0.000	0.002	0.002	1
24	24.73	0.000	0.000	0.001	0.001	2	7.688	0.000	0.000	0.004	0.004	3	5.096	0.000	0.000	0.002	0.002	1
25	25.37	0.000	0.000	0.001	0.001	3	7.497	0.000	0.000	0.001	0.001	1	5.019	0.000	0.000	0.002	0.002	1
26	26.41	0.000	0.000	0.002	0.002	4	7.055	0.000	0.000	0.004	0.004	2	4.941	0.000	0.000	0.002	0.002	1
27	24.24	0.000	0.000	0.001	0.001	3	6.884	0.000	0.000	0.002	0.002	1	4.444	0.000	0.000	0.002	0.002	1
28	20.54	0.000	0.000	0.005	0.005	8	6.421	0.000	0.000	0.004	0.004	2	4.757	0.000	0.000	0.002	0.002	1
29	21.87	0.000	0.000	0.003	0.003	6	7.055	0.000	0.000	0.002	0.002	1	4.098	0.000	0.000	0.002	0.002	1
30	20.39	0.000	0.000	0.010	0.010	17	7.055	0.000	0.000	0.002	0.002	1	4.068	0.000	0.000	0.002	0.002	1
31							6.537	0.000	0.000	0.001	0.001	0						
Ten Daily Mean																		
Ten Daily I	32.35	0.000	0.000	0.008	0.008	23	13.46	0.000	0.000	0.011	0.011	13	6.994	0.000	0.000	0.007	0.007	5
Ten Daily II	26.17	0.000	0.000	0.009	0.009	21	12.81	0.000	0.000	0.007	0.007	10	5.980	0.000	0.000	0.003	0.003	2
Ten Daily III	22.56	0.000	0.000	0.003	0.003	6	7.271	0.000	0.000	0.003	0.003	2	4.806	0.000	0.000	0.002	0.002	1
Monthly Total						504						258						71

Annual Sediment Load (Metric Tonnes) : 18984

Daily Observed Sediment Datasheet for period : 2016-2017

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	4.354	0.000	0.000	0.002	0.002	1	3.052	0.000	0.000	0.003	0.003	1	1.927	0.000	0.000	0.001	0.001	0
2	4.124	0.000	0.000	0.002	0.002	1	3.119	0.000	0.000	0.003	0.003	1	1.890	0.000	0.000	0.001	0.001	0
3	5.942	0.000	0.000	0.003	0.003	1	3.103	0.000	0.000	0.003	0.003	1	1.621	0.000	0.000	0.001	0.001	0
4	5.210	0.000	0.000	0.005	0.005	2	2.775	0.000	0.000	0.003	0.003	1	1.602	0.000	0.000	0.001	0.001	0
5	5.171	0.000	0.000	0.006	0.006	3	2.737	0.000	0.000	0.003	0.003	1	1.705	0.000	0.000	0.001	0.001	0
6	5.493	0.000	0.000	0.007	0.007	3	2.740	0.000	0.000	0.003	0.003	1	1.431	0.000	0.000	0.001	0.001	0
7	4.798	0.000	0.000	0.006	0.006	2	2.436	0.000	0.000	0.002	0.002	0	1.415	0.000	0.000	0.001	0.001	0
8	4.581	0.000	0.000	0.006	0.006	2	2.684	0.000	0.000	0.003	0.003	1	1.390	0.000	0.000	0.001	0.001	0
9	4.546	0.000	0.000	0.006	0.006	2	2.431	0.000	0.000	0.003	0.003	1	1.200	0.000	0.000	0.001	0.001	0
10	4.404	0.000	0.000	0.005	0.005	2	2.428	0.000	0.000	0.003	0.003	1	1.190	0.000	0.000	0.001	0.001	0
11	4.509	0.000	0.000	0.006	0.006	2	2.505	0.000	0.000	0.003	0.003	1	1.192	0.000	0.000	0.001	0.001	0
12	4.509	0.000	0.000	0.006	0.006	2	2.294	0.000	0.000	0.003	0.003	1	1.423	0.000	0.000	0.001	0.001	0
13	3.903	0.000	0.000	0.001	0.001	0	2.307	0.000	0.000	0.003	0.003	1	1.177	0.000	0.000	0.001	0.001	0
14	5.728	0.000	0.000	0.002	0.002	1	2.305	0.000	0.000	0.003	0.003	1	1.140	0.000	0.000	0.001	0.001	0
15	7.070	0.000	0.000	0.002	0.002	1	2.507	0.000	0.000	0.003	0.003	1	1.155	0.000	0.000	0.001	0.001	0
16	6.229	0.000	0.000	0.002	0.002	1	2.256	0.000	0.000	0.001	0.001	0	1.133	0.000	0.000	0.001	0.001	0
17	5.591	0.000	0.000	0.003	0.003	1	2.244	0.000	0.000	0.001	0.001	0	0.734	0.000	0.000	0.001	0.001	0
18	5.210	0.000	0.000	0.004	0.004	2	2.203	0.000	0.000	0.001	0.001	0	0.812	0.000	0.000	0.001	0.001	0
19	4.852	0.000	0.000	0.003	0.003	1	2.223	0.000	0.000	0.001	0.001	0	1.044	0.000	0.000	0.004	0.004	0
20	4.763	0.000	0.000	0.003	0.003	1	2.121	0.000	0.000	0.001	0.001	0	0.664	0.000	0.000	0.003	0.003	0
21	4.635	0.000	0.000	0.003	0.003	1	1.941	0.000	0.000	0.001	0.001	0	0.670	0.000	0.000	0.003	0.003	0
22	4.251	0.000	0.000	0.003	0.003	1	2.009	0.000	0.000	0.001	0.001	0	0.654	0.000	0.000	0.003	0.003	0
23	4.285	0.000	0.000	0.003	0.003	1	2.060	0.000	0.000	0.001	0.001	0	0.620	0.000	0.000	0.003	0.003	0
24	4.057	0.000	0.000	0.004	0.004	1	1.869	0.000	0.000	0.001	0.001	0	0.821	0.000	0.000	0.003	0.003	0
25	3.854	0.000	0.000	0.005	0.005	2	1.873	0.000	0.000	0.001	0.001	0	0.616	0.000	0.000	0.003	0.003	0
26	3.785	0.000	0.000	0.005	0.005	2	2.009	0.000	0.000	0.001	0.001	0	0.821	0.000	0.000	0.003	0.003	0
27	3.415	0.000	0.000	0.004	0.004	1	2.003	0.000	0.000	0.001	0.001	0	0.401	0.000	0.000	0.001	0.001	0
28	3.337	0.000	0.000	0.004	0.004	1	2.039	0.000	0.000	0.001	0.001	0	0.531	0.000	0.000	0.001	0.001	0
29	3.231	0.000	0.000	0.004	0.004	1	2.009	0.000	0.000	0.001	0.001	0						
30	3.189	0.000	0.000	0.004	0.004	1	2.000	0.000	0.000	0.001	0.001	0						
31	3.158	0.000	0.000	0.004	0.004	1	2.072	0.000	0.000	0.001	0.001	0						
Ten Daily Mean																		
Ten Daily I	4.862	0.000	0.000	0.005	0.005	2	2.751	0.000	0.000	0.003	0.003	1	1.537	0.000	0.000	0.001	0.001	0
Ten Daily II	5.236	0.000	0.000	0.003	0.003	1	2.297	0.000	0.000	0.002	0.002	0	1.047	0.000	0.000	0.001	0.001	0
Ten Daily III	3.745	0.000	0.000	0.004	0.004	1	1.989	0.000	0.000	0.001	0.001	0	0.642	0.000	0.000	0.002	0.002	0
Monthly																		
Total						47						12						3

Annual Sediment Load (Metric Tonnes) : 18984

Daily Observed Sediment Datasheet for period : 2016-2017

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	0.352	0.000	0.000	0.010	0.010	0	0.795	0.000	0.000	0.018	0.018	1	0.386	0.000	0.000	0.007	0.007	0
2	0.342	0.000	0.000	0.010	0.010	0	0.531	0.000	0.000	0.011	0.011	1	0.383	0.000	0.000	0.007	0.007	0
3	0.299	0.000	0.000	0.009	0.009	0	0.822	0.000	0.000	0.018	0.018	1	0.341	0.000	0.000	0.007	0.007	0
4	0.210	0.000	0.000	0.006	0.006	0	0.901	0.000	0.000	0.019	0.019	2	0.429	0.000	0.000	0.007	0.007	0
5	0.299	0.000	0.000	0.009	0.009	0	1.168	0.000	0.000	0.025	0.025	3	0.503	0.000	0.000	0.009	0.009	0
6	0.299	0.000	0.000	0.009	0.009	0	1.349	0.000	0.000	0.029	0.029	3	0.709	0.000	0.000	0.006	0.006	0
7	0.198	0.000	0.000	0.006	0.006	0	1.305	0.000	0.000	0.029	0.029	3	0.718	0.000	0.000	0.006	0.006	0
8	0.191	0.000	0.000	0.006	0.006	0	1.219	0.000	0.000	0.007	0.007	1	0.939	0.000	0.000	0.007	0.007	1
9	0.133	0.000	0.000	0.004	0.004	0	1.164	0.000	0.000	0.006	0.006	1	0.824	0.000	0.000	0.006	0.006	0
10	0.597	0.000	0.000	0.018	0.018	1	1.281	0.000	0.000	0.006	0.006	1	0.821	0.000	0.000	0.006	0.006	0
11	0.299	0.000	0.000	0.009	0.009	0	1.293	0.000	0.000	0.006	0.006	1	0.956	0.000	0.000	0.007	0.007	1
12	0.299	0.000	0.000	0.009	0.009	0	1.186	0.000	0.000	0.006	0.006	1	1.090	0.000	0.000	0.008	0.008	1
13	0.130	0.000	0.000	0.004	0.004	0	1.113	0.000	0.000	0.006	0.006	1	1.810	0.000	0.000	0.014	0.014	2
14	0.102	0.000	0.000	0.004	0.004	0	0.929	0.000	0.000	0.036	0.036	3	1.423	0.000	0.000	0.011	0.011	1
15	0.085	0.000	0.000	0.004	0.004	0	0.909	0.000	0.000	0.036	0.036	3	1.454	0.000	0.000	0.011	0.011	1
16	0.106	0.000	0.000	0.004	0.004	0	0.929	0.000	0.000	0.036	0.036	3	1.810	0.000	0.000	0.014	0.014	2
17	0.109	0.000	0.000	0.004	0.004	0	0.884	0.000	0.000	0.035	0.035	3	1.909	0.000	0.000	0.015	0.015	2
18	0.204	0.000	0.000	0.006	0.006	0	0.744	0.000	0.000	0.034	0.034	2	1.312	0.000	0.000	0.010	0.010	1
19	0.447	0.000	0.000	0.002	0.002	0	0.749	0.000	0.000	0.034	0.034	2	1.890	0.000	0.000	0.014	0.014	2
20	0.821	0.000	0.000	0.004	0.004	0	0.738	0.000	0.000	0.034	0.034	2	2.025	0.000	0.000	0.004	0.004	1
21	0.894	0.000	0.000	0.004	0.004	0	0.606	0.000	0.000	0.012	0.012	1	2.507	0.000	0.000	0.005	0.005	1
22	0.984	0.000	0.000	0.004	0.004	0	0.604	0.000	0.000	0.012	0.012	1	2.743	0.000	0.000	0.005	0.005	1
23	1.185	0.000	0.000	0.005	0.005	1	0.621	0.000	0.000	0.012	0.012	1	2.911	0.000	0.000	0.006	0.006	1
24	1.190	0.000	0.000	0.005	0.005	1	0.651	0.000	0.000	0.012	0.012	1	1.954	0.000	0.000	0.004	0.004	1
25	1.039	0.000	0.000	0.004	0.004	0	0.653	0.000	0.000	0.012	0.012	1	4.660	0.000	0.000	0.009	0.009	4
26	0.821	0.000	0.000	0.004	0.004	0	0.582	0.000	0.000	0.011	0.011	1	3.515	0.000	0.000	0.007	0.007	2
27	0.808	0.000	0.000	0.004	0.004	0	0.429	0.000	0.000	0.007	0.007	0	2.475	0.000	0.000	0.009	0.009	2
28	0.805	0.000	0.000	0.004	0.004	0	0.416	0.000	0.000	0.007	0.007	0	1.854	0.000	0.000	0.006	0.006	1
29	0.621	0.000	0.000	0.005	0.005	0	0.394	0.000	0.000	0.007	0.007	0	1.834	0.000	0.000	0.006	0.006	1
30	0.790	0.000	0.000	0.006	0.006	0	0.369	0.000	0.000	0.007	0.007	0	1.558	0.000	0.000	0.005	0.005	1
31	0.793	0.000	0.000	0.006	0.006	0							1.506	0.000	0.000	0.005	0.005	1
Ten Daily Mean																		
Ten Daily I	0.292	0.000	0.000	0.009	0.009	0	1.054	0.000	0.000	0.017	0.017	2	0.605	0.000	0.000	0.007	0.007	0
Ten Daily II	0.260	0.000	0.000	0.005	0.005	0	0.947	0.000	0.000	0.026	0.026	2	1.568	0.000	0.000	0.011	0.011	1
Ten Daily III	0.903	0.000	0.000	0.005	0.005	0	0.533	0.000	0.000	0.010	0.010	0	2.502	0.000	0.000	0.006	0.006	1
Monthly																		
Total						8						40						34

Annual Sediment Load (Metric Tonnes) : 18984

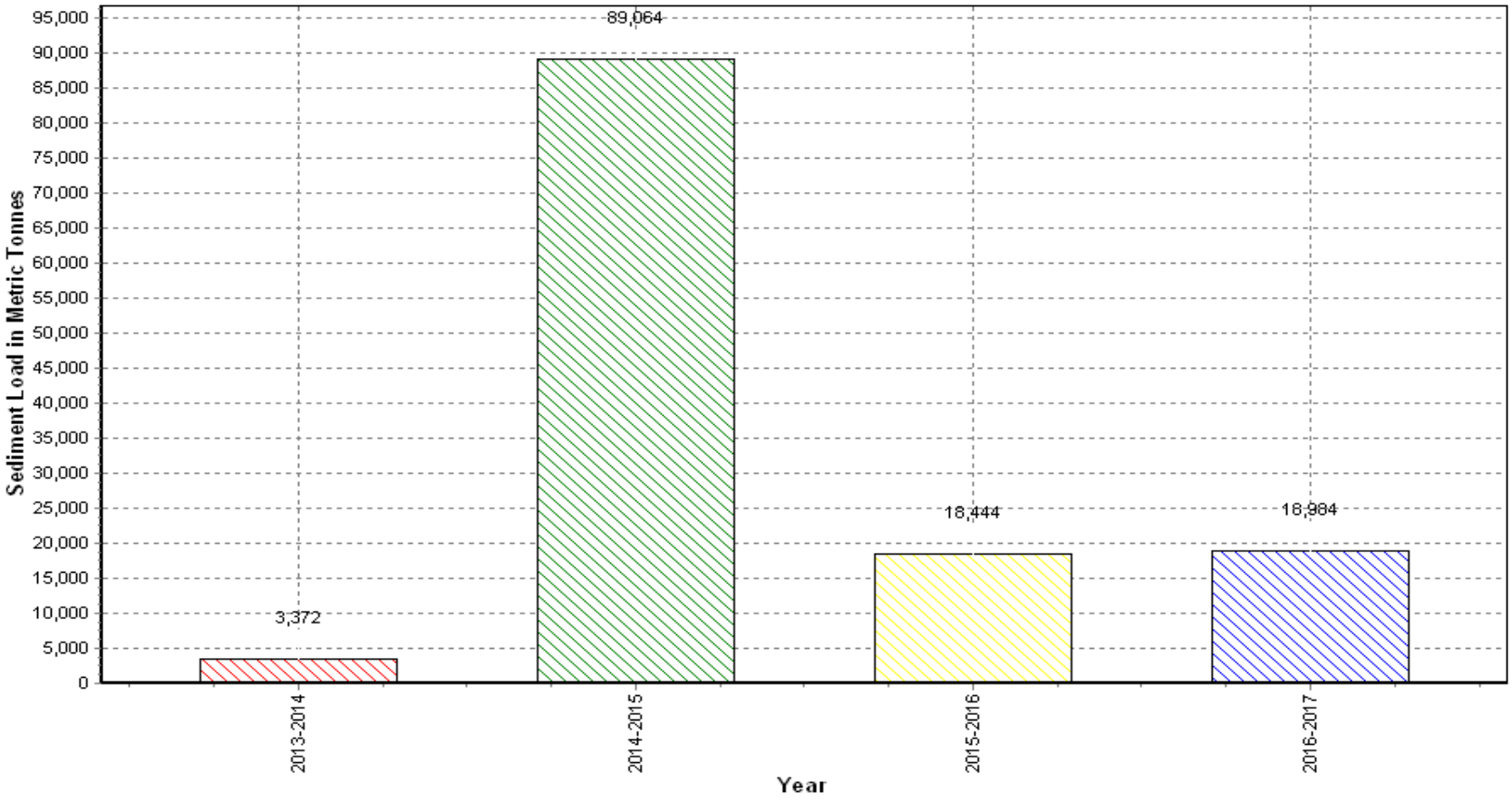
Annual Sediment Load for the period: 2013-2017

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

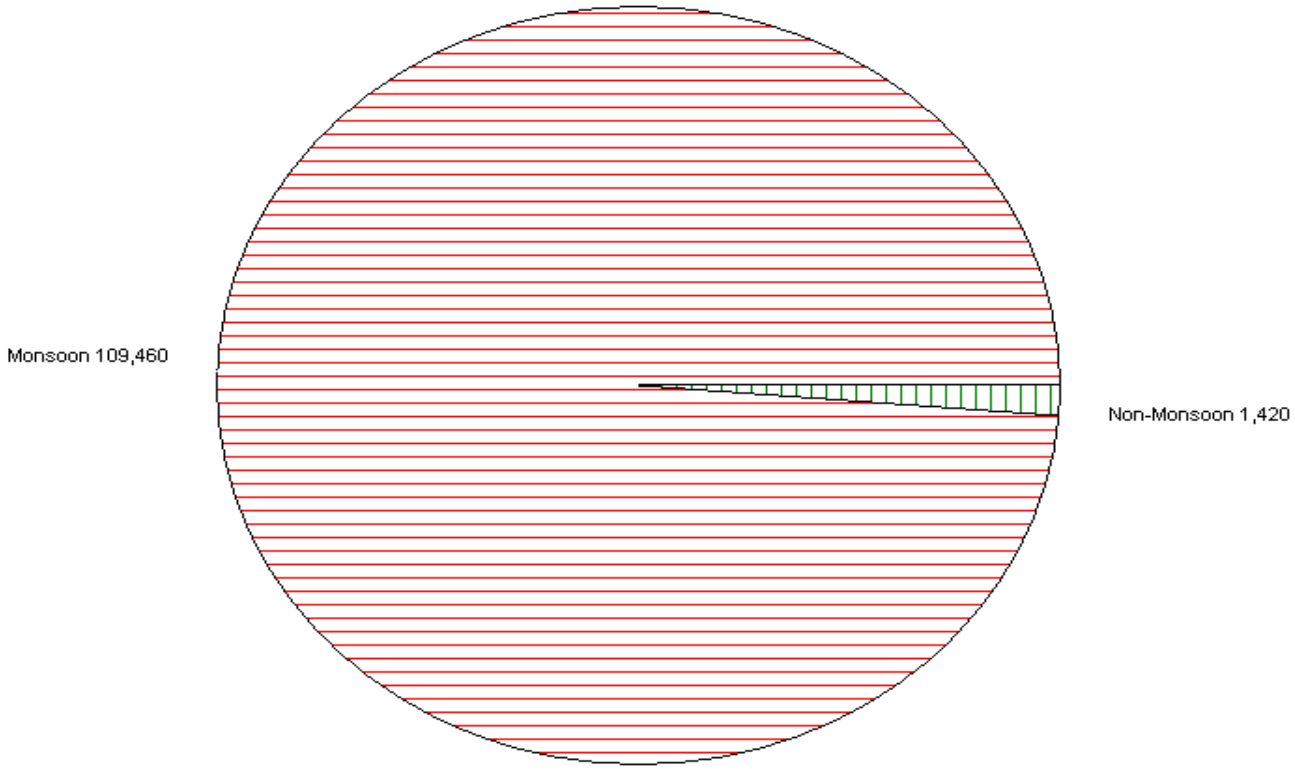
Sub-Division : SWRSD-III, Mangalore



Seasonal Sediment Load for the period : 2013-2016

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

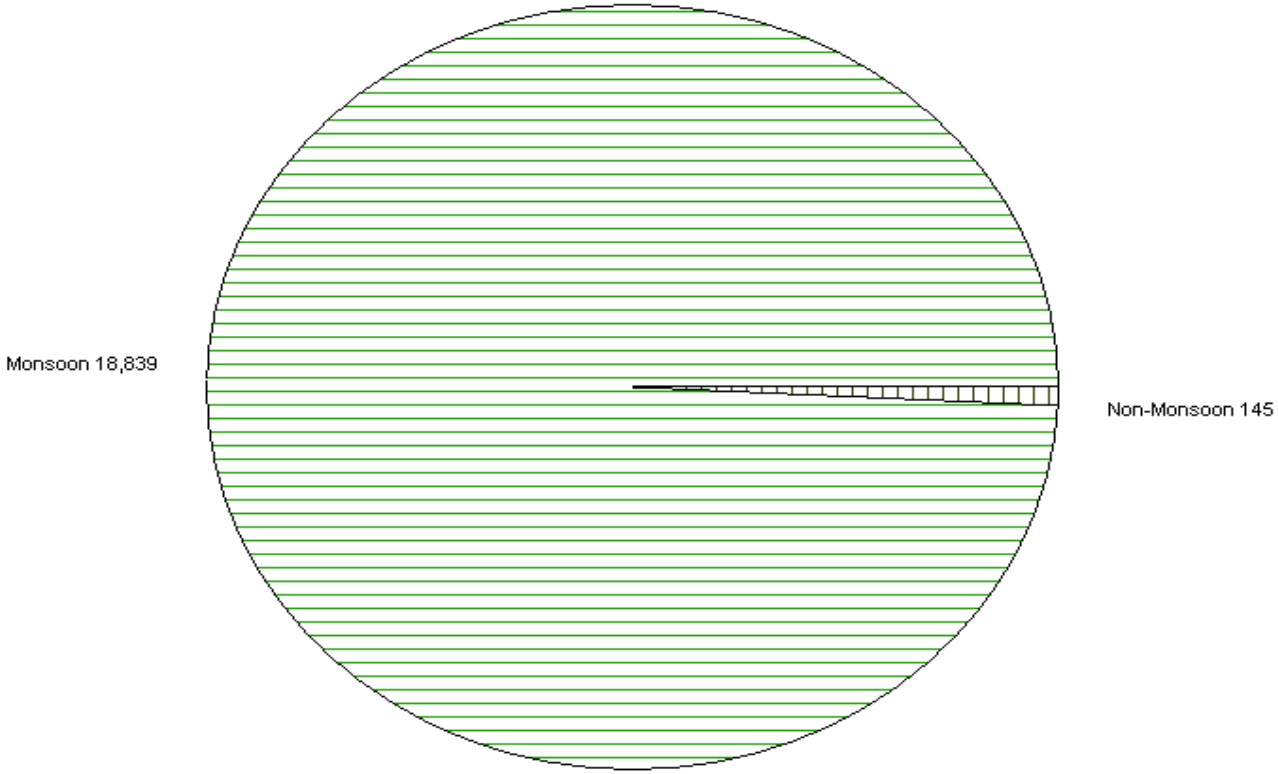
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Seasonal Sediment Load for the Year: 2016-2017

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 2016								DATE OF COLLECTION									
1																	
2																	
3								Sample not collected									
4																	
POSTMONSOON 2016								DATE OF COLLECTION		16.12.2016							
1	40	889.800	889.800	-	-	185			20	0.61							
2	80	888.485	888.485	-	-	185			3.5	1.75							
3	120	886.455	886.455	887.300	0.845	185		6.231	3.5	1.19	32.658	0.6221	0.3067	0.00050	-	20	0.80
4	160	892.910	892.910	-	-	185			-	0.31							
PREMONSOON 2017								DATE OF COLLECTION		11.05.2017							
1	40	889.795	889.795	-	-	185	-	-	65	4.43							
2	80	888.485	888.485	-	-	185	-	-	14	0.54							
3	120	886.460	886.460	887.020	0.560	185	-	0.9573	05	1.11	13.551	0.2445	0.02890	0.00010	0.9573	66	1.69
4	160	892.920	892.920	-	-	185	-	-	-	0.69							

Annual Sediment Load for period : 1974-2017

Station Name : Kudige (CC000Y5) **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)
1974-1975	240140	1448	241588	3012
1975-1976	354707	2330	357037	4338
1976-1977	54289	4203	58493	1712
1977-1978	190153	5862	196015	3035
1978-1979	119318	3574	122892	4274
1979-1980	159764	5304	165068	2697
1980-1981	235237	3266	238503	4573
1981-1982	181887	5151	187038	3679
1982-1983	102692	3073	105765	2200
1983-1984	112617	3547	116164	2561
1984-1985	208833	759	209592	3168
1985-1986	65953	1319	67272	2044
1986-1987	104100	2404	106505	2326
1987-1988	35445	5669	41114	956
1988-1989	85661	5739	91399	1622
1989-1990	102875	2473	105349	2379
1990-1991	82059	2446	84505	2505
1991-1992	158990	1724	160714	3096
1992-1993	216134	3486	219620	3510
1993-1994	91705	2248	93953	2112
1994-1995	260298	1658	261956	4164
1995-1996	139265	467	139732	2315
1996-1997	126499	6471	132970	2637
1997-1998	196172	5056	201228	3159
1998-1999	101446	2417	103863	2437
1999-2000	109744	2425	112168	2560
2000-2001	87943	2315	90258	2435
2001-2002	62876	1767	64643	2028
2002-2003	57213	1272	58485	1608
2003-2004	39937	2152	42089	1392
2004-2005	153151	2103	155254	2191
2005-2006	215473	15382	230854	3367
2006-2007	Sediment Observation not done			3017
2007-2008	Sediment Observation not done			3932
2008-2009	4276 *	1934	6210 *	2100
2009-2010	199073	3940	203013	2691
2010-2011	55677	1998	57676	1984
2011-2012	62203	782	62985	2584
2012-2013	52878	728	53606	1782
2013-2014	46390	963	47352	4306
2014-2015	48690	722	49412	3428
2015-2016	38140	743	38883	2377
2016-2017	25627	1437	27064	2072

*** Partial Data**

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : Kudige (CC000Y5) **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	11.43	0.000	0.000	0.003	0.003	3	464.3	0.000	0.000	0.014	0.014	574	128.5	0.000	0.000	0.001	0.001	12
2	11.16	0.000	0.000	0.012	0.012	12	362.2	0.000	0.000	0.015	0.015	454	127.0	0.000	0.000	0.000	0.000	3
3	8.184	0.000	0.000	0.008	0.008	6	244.3	0.000	0.000	0.071	0.071	1490	125.0	0.000	0.000	0.001	0.001	11
4	5.886	0.000	0.000	0.016	0.016	8	186.6	0.000	0.000	0.127	0.127	2042	183.1	0.000	0.000	0.009	0.009	138
5	7.003	0.000	0.000	0.018	0.018	11	371.2	0.000	0.000	0.020	0.020	654	220.5	0.000	0.000	0.001	0.001	17
6	8.093	0.000	0.000	0.031	0.031	22	316.6	0.000	0.000	0.024	0.024	667	324.8	0.000	0.000	0.013	0.013	356
7	7.460	0.000	0.000	0.043	0.043	28	250.3	0.000	0.000	0.019	0.019	415	181.9	0.000	0.000	0.006	0.006	93
8	7.484	0.000	0.000	0.030	0.030	20	174.9	0.000	0.000	0.027	0.027	408	193.6	0.000	0.000	0.006	0.006	105
9	8.587	0.000	0.000	0.014	0.014	10	181.7	0.000	0.000	0.029	0.029	455	278.2	0.000	0.000	0.001	0.001	34
10	11.46	0.000	0.000	0.013	0.013	12	170.6	0.000	0.000	0.027	0.027	398	271.7	0.000	0.000	0.007	0.007	153
11	12.06	0.000	0.000	0.013	0.013	13	371.1	0.000	0.000	0.039	0.039	1251	185.3	0.000	0.000	0.006	0.006	101
12	13.55	0.000	0.000	0.014	0.014	17	403.1	0.000	0.000	0.025	0.025	871	179.7	0.000	0.000	0.000	0.000	6
13	12.04	0.000	0.000	0.013	0.013	13	384.4	0.000	0.000	0.012	0.012	385	204.4	0.000	0.000	0.007	0.007	117
14	11.57	0.000	0.000	0.015	0.015	15	327.4	0.000	0.000	0.007	0.007	198	183.1	0.000	0.000	0.006	0.006	93
15	12.14	0.000	0.000	0.007	0.007	7	283.3	0.000	0.000	0.000	0.000	7	180.6	0.000	0.000	0.006	0.006	91
16	40.40	0.000	0.000	0.016	0.016	56	230.8	0.000	0.000	0.000	0.000	4	323.3	0.000	0.000	0.006	0.006	179
17	30.04	0.000	0.000	0.006	0.006	16	207.0	0.000	0.000	0.007	0.007	127	345.1	0.000	0.000	0.012	0.012	361
18	28.16	0.000	0.000	0.003	0.003	7	197.5	0.000	0.000	0.007	0.007	116	372.6	0.000	0.000	0.006	0.006	203
19	37.68	0.000	0.000	0.007	0.007	23	182.4	0.000	0.000	0.001	0.001	17	320.9	0.000	0.000	0.006	0.006	164
20	55.50	0.000	0.000	0.010	0.010	49	183.2	0.000	0.000	0.001	0.001	11	217.6	0.000	0.000	0.006	0.006	115
21	37.20	0.000	0.000	0.011	0.011	34	180.2	0.000	0.000	0.007	0.007	106	182.2	0.000	0.000	0.006	0.006	98
22	34.54	0.000	0.000	0.034	0.034	103	188.5	0.000	0.000	0.000	0.000	5	178.9	0.000	0.000	0.006	0.006	99
23	50.50	0.000	0.000	0.011	0.011	47	199.6	0.000	0.000	0.013	0.013	221	134.3	0.000	0.000	0.006	0.006	72
24	93.49	0.000	0.000	0.009	0.009	71	201.5	0.000	0.000	0.013	0.013	225	130.8	0.000	0.000	0.000	0.000	2
25	84.23	0.000	0.000	0.010	0.010	69	198.1	0.000	0.000	0.007	0.007	113	136.9	0.000	0.000	0.006	0.006	71
26	79.80	0.000	0.000	0.009	0.009	62	180.9	0.000	0.000	0.007	0.007	108	130.8	0.000	0.000	0.000	0.000	1
27	75.68	0.000	0.000	0.014	0.014	88	141.0	0.000	0.000	0.003	0.003	34	131.4	0.000	0.000	0.006	0.006	69
28	184.4	0.000	0.000	0.046	0.046	739	137.7	0.000	0.000	0.007	0.007	83	121.2	0.000	0.000	0.006	0.006	59
29	574.0	0.000	0.000	0.096	0.096	4756	131.8	0.000	0.000	0.007	0.007	81	129.3	0.000	0.000	0.000	0.000	3
30	709.8	0.000	0.000	0.041	0.041	2508	127.3	0.000	0.000	0.001	0.001	7	123.3	0.000	0.000	0.006	0.006	66
31							121.2	0.000	0.000	0.001	0.001	6	127.7	0.000	0.000	0.007	0.007	72
Ten Daily Mean																		
Ten Daily I	8.674	0.000	0.000	0.019	0.019	13	272.3	0.000	0.000	0.037	0.037	756	203.4	0.000	0.000	0.004	0.004	92
Ten Daily II	25.32	0.000	0.000	0.010	0.010	22	277.0	0.000	0.000	0.010	0.010	299	251.3	0.000	0.000	0.006	0.006	143
Ten Daily III	192.4	0.000	0.000	0.028	0.028	848	164.3	0.000	0.000	0.006	0.006	90	138.8	0.000	0.000	0.005	0.005	56
Monthly Total						8825						11533						2962

Annual Sediment Load (Metric Tonnes) : 27064

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : Kudige (CC000Y5) | **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	123.4	0.000	0.000	0.006	0.006	68	65.18	0.000	0.000	0.000	0.000	1	128.0	0.000	0.000	0.001	0.001	11
2	129.3	0.000	0.000	0.006	0.006	71	66.33	0.000	0.000	0.000	0.000	1	142.3	0.000	0.000	0.005	0.005	57
3	125.1	0.000	0.000	0.006	0.006	66	60.41	0.000	0.000	0.001	0.001	5	48.32	0.000	0.000	0.003	0.003	14
4	104.6	0.000	0.000	0.005	0.005	45	200.2	0.000	0.000	0.007	0.007	123	36.74	0.000	0.000	0.004	0.004	11
5	84.26	0.000	0.000	0.008	0.008	58	199.5	0.000	0.000	0.000	0.000	2	27.48	0.000	0.000	0.006	0.006	14
6	80.99	0.000	0.000	0.008	0.008	53	184.2	0.000	0.000	0.001	0.001	10	24.43	0.000	0.000	0.004	0.004	8
7	97.19	0.000	0.000	0.007	0.007	58	128.0	0.000	0.000	0.000	0.000	1	23.64	0.000	0.000	0.004	0.004	8
8	127.8	0.000	0.000	0.006	0.006	65	145.6	0.000	0.000	0.000	0.000	1	17.46	0.000	0.000	0.005	0.005	8
9	123.3	0.000	0.000	0.006	0.006	67	143.6	0.000	0.000	0.000	0.000	1	17.21	0.000	0.000	0.004	0.004	6
10	118.2	0.000	0.000	0.006	0.006	61	141.0	0.000	0.000	0.000	0.000	4	16.99	0.000	0.000	0.003	0.003	5
11	109.3	0.000	0.000	0.006	0.006	53	46.43	0.000	0.000	0.003	0.003	11	87.26	0.000	0.000	0.005	0.005	35
12	108.4	0.000	0.000	0.006	0.006	52	44.22	0.000	0.000	0.003	0.003	10	111.7	0.000	0.000	0.002	0.002	20
13	108.4	0.000	0.000	0.006	0.006	52	37.26	0.000	0.000	0.003	0.003	8	85.15	0.000	0.000	0.002	0.002	12
14	108.4	0.000	0.000	0.006	0.006	52	59.39	0.000	0.000	0.006	0.006	30	68.55	0.000	0.000	0.002	0.002	9
15	113.2	0.000	0.000	0.006	0.006	56	61.52	0.000	0.000	0.017	0.017	88	67.13	0.000	0.000	0.002	0.002	10
16	99.05	0.000	0.000	0.008	0.008	65	75.54	0.000	0.000	0.020	0.020	132	20.92	0.000	0.000	0.002	0.002	3
17	99.05	0.000	0.000	0.008	0.008	65	59.21	0.000	0.000	0.002	0.002	8	19.41	0.000	0.000	0.086	0.086	145
18	99.05	0.000	0.000	0.008	0.008	65	46.66	0.000	0.000	0.002	0.002	6	16.04	0.000	0.000	0.002	0.002	3
19	89.82	0.000	0.000	0.007	0.007	53	35.52	0.000	0.000	0.002	0.002	7	7.346	0.000	0.000	0.005	0.005	3
20	86.55	0.000	0.000	0.002	0.002	12	33.49	0.000	0.000	0.002	0.002	5	7.336	0.000	0.000	0.005	0.005	3
21	96.75	0.000	0.000	0.000	0.000	2	31.08	0.000	0.000	0.003	0.003	7	7.025	0.000	0.000	0.003	0.003	2
22	62.50	0.000	0.000	0.008	0.008	41	27.61	0.000	0.000	0.001	0.001	3	6.940	0.000	0.000	0.004	0.004	2
23	75.10	0.000	0.000	0.007	0.007	47	30.86	0.000	0.000	0.001	0.001	3	6.813	0.000	0.000	0.001	0.001	1
24	78.20	0.000	0.000	0.002	0.002	10	27.53	0.000	0.000	0.003	0.003	6	6.813	0.000	0.000	0.004	0.004	2
25	91.92	0.000	0.000	0.005	0.005	38	84.67	0.000	0.000	0.002	0.002	11	7.541	0.000	0.000	0.001	0.001	1
26	89.41	0.000	0.000	0.004	0.004	32	68.41	0.000	0.000	0.002	0.002	14	7.511	0.000	0.000	0.001	0.001	1
27	86.23	0.000	0.000	0.001	0.001	10	78.07	0.000	0.000	0.003	0.003	20	7.336	0.000	0.000	0.001	0.001	1
28	79.70	0.000	0.000	0.001	0.001	3	67.20	0.000	0.000	0.003	0.003	17	7.081	0.000	0.000	0.001	0.001	1
29	66.04	0.000	0.000	0.000	0.000	1	237.1	0.000	0.000	0.002	0.002	37	7.110	0.000	0.000	0.001	0.001	1
30	66.64	0.000	0.000	0.000	0.000	0	145.3	0.000	0.000	0.001	0.001	13	6.576	0.000	0.000	0.001	0.001	1
31							131.1	0.000	0.000	0.001	0.001	7						
Ten Daily Mean																		
Ten Daily I	111.4	0.000	0.000	0.006	0.006	61	133.4	0.000	0.000	0.001	0.001	15	48.26	0.000	0.000	0.004	0.004	14
Ten Daily II	102.1	0.000	0.000	0.006	0.006	52	49.92	0.000	0.000	0.006	0.006	31	49.08	0.000	0.000	0.011	0.011	24
Ten Daily III	79.25	0.000	0.000	0.003	0.003	18	84.45	0.000	0.000	0.002	0.002	12	7.075	0.000	0.000	0.002	0.002	1
Monthly																		
Total						1320						591						396

Annual Sediment Load (Metric Tonnes) : 27064

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : Kudige (CC000Y5) | **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	13.03	0.000	0.000	0.109	0.109	122	8.220	0.000	0.000	0.005	0.005	4	10.74	0.000	0.000	0.001	0.001	1
2	13.03	0.000	0.000	0.000	0.000	0	7.704	0.000	0.000	0.005	0.005	3	8.815	0.000	0.000	0.007	0.007	5
3	13.44	0.000	0.000	0.002	0.002	3	7.690	0.000	0.000	0.010	0.010	7	8.649	0.000	0.000	0.009	0.009	6
4	13.86	0.000	0.000	0.002	0.002	3	7.522	0.000	0.000	0.012	0.012	8	8.303	0.000	0.000	0.006	0.006	4
5	13.44	0.000	0.000	0.004	0.004	4	7.485	0.000	0.000	0.007	0.007	5	6.644	0.000	0.000	0.004	0.004	2
6	13.44	0.000	0.000	0.002	0.002	3	7.239	0.000	0.000	0.007	0.007	4	6.319	0.000	0.000	0.004	0.004	2
7	13.44	0.000	0.000	0.002	0.002	3	7.208	0.000	0.000	0.004	0.004	2	6.215	0.000	0.000	0.015	0.015	8
8	13.44	0.000	0.000	0.004	0.004	4	7.573	0.000	0.000	0.004	0.004	3	6.042	0.000	0.000	0.006	0.006	3
9	11.95	0.000	0.000	0.086	0.086	89	7.097	0.000	0.000	0.002	0.002	1	5.750	0.000	0.000	0.007	0.007	4
10	11.99	0.000	0.000	0.002	0.002	2	7.106	0.000	0.000	0.002	0.002	1	5.398	0.000	0.000	0.004	0.004	2
11	12.63	0.000	0.000	0.004	0.004	4	6.998	0.000	0.000	0.001	0.001	1	5.270	0.000	0.000	0.004	0.004	2
12	12.63	0.000	0.000	0.004	0.004	4	7.019	0.000	0.000	0.002	0.002	1	5.439	0.000	0.000	0.005	0.005	2
13	11.37	0.000	0.000	0.006	0.006	6	6.825	0.000	0.000	0.003	0.003	2	5.063	0.000	0.000	0.008	0.008	4
14	12.43	0.000	0.000	0.001	0.001	1	7.415	0.000	0.000	0.005	0.005	3	4.845	0.000	0.000	0.008	0.008	3
15	14.02	0.000	0.000	0.003	0.003	3	6.947	0.000	0.000	0.005	0.005	3	6.012	0.000	0.000	0.005	0.005	2
16	13.18	0.000	0.000	0.001	0.001	1	6.533	0.000	0.000	0.002	0.002	1	5.816	0.000	0.000	0.003	0.003	1
17	17.88	0.000	0.000	0.001	0.001	1	6.550	0.000	0.000	0.008	0.008	5	4.772	0.000	0.000	0.000	0.000	0
18	14.71	0.000	0.000	0.001	0.001	1	6.583	0.000	0.000	0.001	0.001	1	3.926	0.000	0.000	0.000	0.000	0
19	13.44	0.000	0.000	0.001	0.001	1	6.258	0.000	0.000	0.002	0.002	1	3.961	0.000	0.000	0.000	0.000	0
20	12.27	0.000	0.000	0.002	0.002	2	6.861	0.000	0.000	0.003	0.003	2	3.969	0.000	0.000	0.002	0.002	1
21	11.08	0.000	0.000	0.001	0.001	1	5.657	0.000	0.000	0.004	0.004	2	3.972	0.000	0.000	0.004	0.004	1
22	10.69	0.000	0.000	0.002	0.002	2	6.058	0.000	0.000	0.004	0.004	2	3.738	0.000	0.000	0.002	0.002	1
23	9.642	0.000	0.000	0.005	0.005	4	5.781	0.000	0.000	0.010	0.010	5	3.688	0.000	0.000	0.006	0.006	2
24	9.367	0.000	0.000	0.014	0.014	11	5.777	0.000	0.000	0.006	0.006	3	70.59	0.000	0.000	0.009	0.009	53
25	9.594	0.000	0.000	0.014	0.014	12	5.645	0.000	0.000	0.004	0.004	2	103.3	0.000	0.000	0.005	0.005	43
26	9.241	0.000	0.000	0.013	0.013	11	5.495	0.000	0.000	0.004	0.004	2	210.4	0.000	0.000	0.007	0.007	118
27	9.029	0.000	0.000	0.006	0.006	5	5.119	0.000	0.000	0.005	0.005	2	52.24	0.000	0.000	0.008	0.008	37
28	8.970	0.000	0.000	0.005	0.005	4	16.95	0.000	0.000	0.006	0.006	9	74.55	0.000	0.000	0.004	0.004	24
29	8.538	0.000	0.000	0.006	0.006	4	10.68	0.000	0.000	0.004	0.004	3						
30	7.993	0.000	0.000	0.001	0.001	1	14.03	0.000	0.000	0.024	0.024	29						
31	7.950	0.000	0.000	0.001	0.001	1	12.34	0.000	0.000	0.013	0.013	14						
Ten Daily Mean																		
Ten Daily I	13.11	0.000	0.000	0.021	0.021	23	7.484	0.000	0.000	0.006	0.006	4	7.287	0.000	0.000	0.006	0.006	4
Ten Daily II	13.46	0.000	0.000	0.002	0.002	3	6.799	0.000	0.000	0.003	0.003	2	4.907	0.000	0.000	0.004	0.004	2
Ten Daily III	9.281	0.000	0.000	0.006	0.006	5	8.503	0.000	0.000	0.008	0.008	7	65.31	0.000	0.000	0.005	0.005	35
Monthly																		
Total						312						130						332

Annual Sediment Load (Metric Tonnes) : 27064

Daily Observed Sediment Datasheet for period : 2016-2017

Station Name : Kudige (CC000Y5) | **Division : Cauvery Division, Bangalore**

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

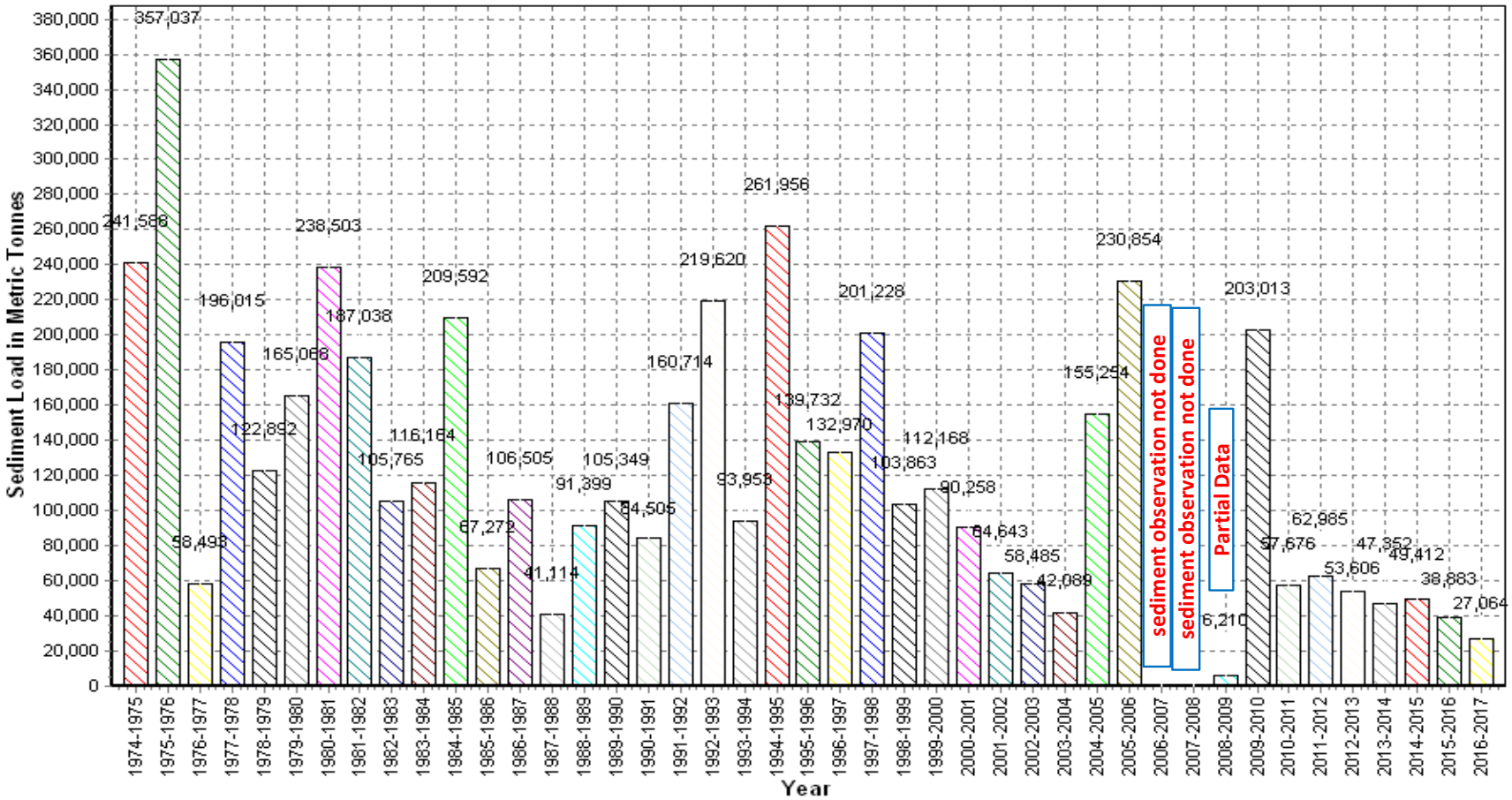
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	3.721	0.000	0.000	0.008	0.008	3	1.947	0.000	0.000	0.202	0.202	34	2.625	0.000	0.000	0.011	0.011	2
2	2.866	0.000	0.000	0.004	0.004	1	1.911	0.000	0.000	0.109	0.109	18	4.634	0.000	0.000	0.037	0.037	15
3	2.864	0.000	0.000	0.000	0.000	0	1.986	0.000	0.000	0.016	0.016	3	4.572	0.000	0.000	0.017	0.017	7
4	2.754	0.000	0.000	0.006	0.006	1	1.604	0.000	0.000	0.002	0.002	0	7.687	0.000	0.000	0.008	0.008	5
5	2.249	0.000	0.000	0.006	0.006	1	2.114	0.000	0.000	0.006	0.006	1	4.538	0.000	0.000	0.000	0.000	0
6	2.750	0.000	0.000	0.017	0.017	4	2.077	0.000	0.000	0.007	0.007	1	4.774	0.000	0.000	0.010	0.010	4
7	1.967	0.000	0.000	0.003	0.003	0	10.11	0.000	0.000	0.004	0.004	3	7.708	0.000	0.000	0.016	0.016	10
8	1.700	0.000	0.000	0.014	0.014	2	5.127	0.000	0.000	0.007	0.007	3	9.596	0.000	0.000	0.027	0.027	22
9	1.700	0.000	0.000	0.002	0.002	0	4.874	0.000	0.000	0.006	0.006	3	4.689	0.000	0.000	0.041	0.041	17
10	1.451	0.000	0.000	0.011	0.011	1	6.366	0.000	0.000	0.019	0.019	10	4.874	0.000	0.000	0.043	0.043	18
11	1.451	0.000	0.000	0.014	0.014	2	7.536	0.000	0.000	0.023	0.023	15	6.256	0.000	0.000	0.059	0.059	32
12	1.216	0.000	0.000	0.003	0.003	0	7.563	0.000	0.000	0.011	0.011	7	6.961	0.000	0.000	0.172	0.172	103
13	1.303	0.000	0.000	0.003	0.003	0	5.936	0.000	0.000	0.050	0.050	26	5.860	0.000	0.000	0.040	0.040	20
14	1.339	0.000	0.000	0.007	0.007	1	4.874	0.000	0.000	0.042	0.042	18	4.874	0.000	0.000	0.043	0.043	18
15	1.337	0.000	0.000	0.005	0.005	1	4.748	0.000	0.000	0.041	0.041	17	4.719	0.000	0.000	0.041	0.041	17
16	0.927	0.000	0.000	0.010	0.010	1	4.874	0.000	0.000	0.042	0.042	18	4.563	0.000	0.000	0.001	0.001	0
17	0.911	0.000	0.000	0.011	0.011	1	4.677	0.000	0.000	0.006	0.006	2	4.217	0.000	0.000	0.026	0.026	10
18	0.848	0.000	0.000	0.016	0.016	1	4.220	0.000	0.000	0.006	0.006	2	4.730	0.000	0.000	0.028	0.028	12
19	0.999	0.000	0.000	0.021	0.021	2	4.315	0.000	0.000	0.005	0.005	2	6.125	0.000	0.000	0.031	0.031	17
20	0.819	0.000	0.000	0.009	0.009	1	4.543	0.000	0.000	0.006	0.006	2	5.470	0.000	0.000	0.012	0.012	6
21	1.439	0.000	0.000	0.005	0.005	1	4.356	0.000	0.000	0.013	0.013	5	5.165	0.000	0.000	0.011	0.011	5
22	1.842	0.000	0.000	0.008	0.008	1	3.912	0.000	0.000	0.006	0.006	2	5.549	0.000	0.000	0.001	0.001	0
23	2.473	0.000	0.000	0.010	0.010	2	4.041	0.000	0.000	0.010	0.010	3	4.283	0.000	0.000	0.016	0.016	6
24	2.427	0.000	0.000	0.026	0.026	5	4.234	0.000	0.000	0.010	0.010	4	4.355	0.000	0.000	0.008	0.008	3
25	2.407	0.000	0.000	0.007	0.007	1	3.871	0.000	0.000	0.004	0.004	1	6.390	0.000	0.000	0.033	0.033	18
26	2.333	0.000	0.000	0.011	0.011	2	2.912	0.000	0.000	0.025	0.025	6	7.103	0.000	0.000	0.013	0.013	8
27	2.351	0.000	0.000	0.011	0.011	2	3.008	0.000	0.000	0.005	0.005	1	7.067	0.000	0.000	0.015	0.015	9
28	2.369	0.000	0.000	0.011	0.011	2	2.478	0.000	0.000	0.010	0.010	2	6.710	0.000	0.000	0.014	0.014	8
29	2.118	0.000	0.000	0.010	0.010	2	2.578	0.000	0.000	0.013	0.013	3	7.083	0.000	0.000	0.002	0.002	1
30	2.455	0.000	0.000	0.004	0.004	1	3.020	0.000	0.000	0.015	0.015	4	7.074	0.000	0.000	0.013	0.013	8
31	2.055	0.000	0.000	0.004	0.004	1							7.110	0.000	0.000	0.002	0.002	1
Ten Daily Mean																		
Ten Daily I	2.402	0.000	0.000	0.007	0.007	1	3.811	0.000	0.000	0.038	0.038	8	5.570	0.000	0.000	0.021	0.021	10
Ten Daily II	1.115	0.000	0.000	0.010	0.010	1	5.329	0.000	0.000	0.023	0.023	11	5.377	0.000	0.000	0.045	0.045	23
Ten Daily III	2.206	0.000	0.000	0.010	0.010	2	3.441	0.000	0.000	0.011	0.011	3	6.172	0.000	0.000	0.012	0.012	6
Monthly Total						44						217						402

Annual Sediment Load (Metric Tonnes) : 27064

Annual Sediment Load for the period: 1974-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

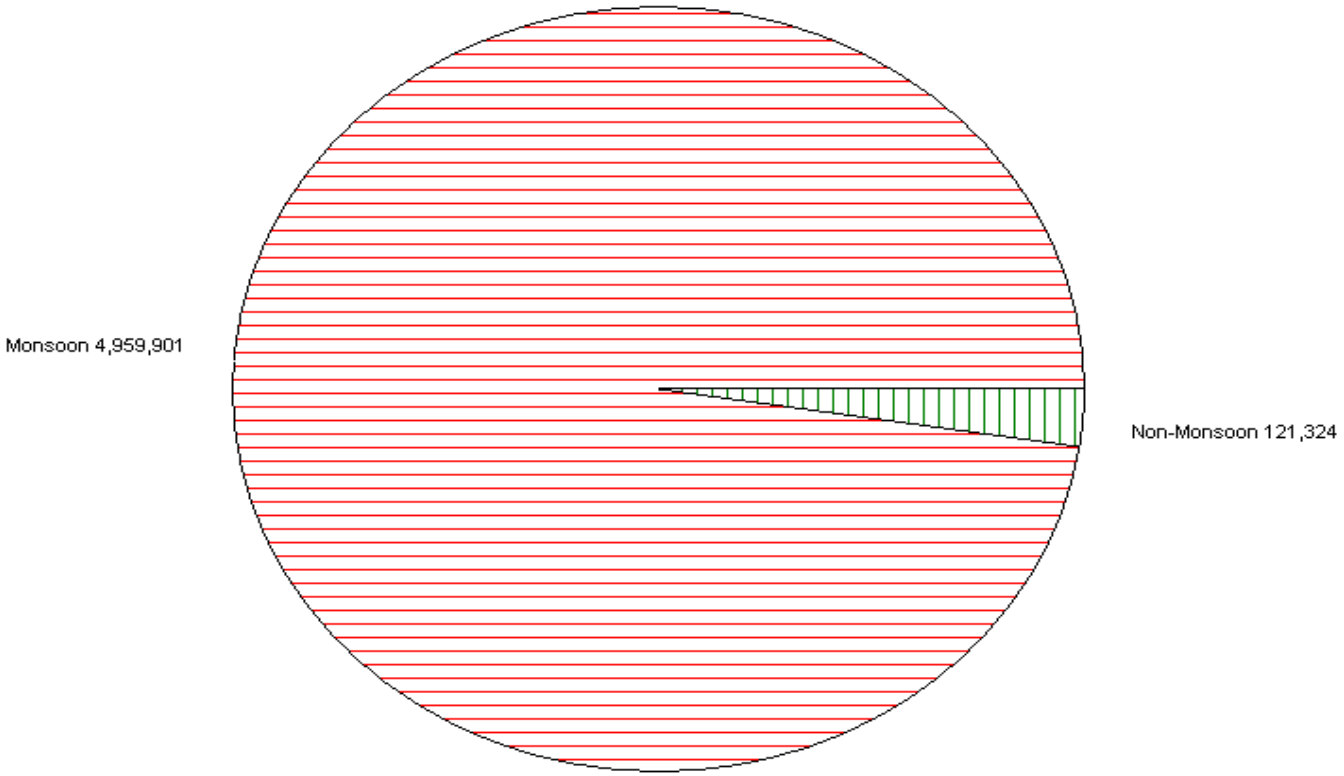
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1974-2016

Station Name : Kudige (CC000Y5)
Local River : Cauvery

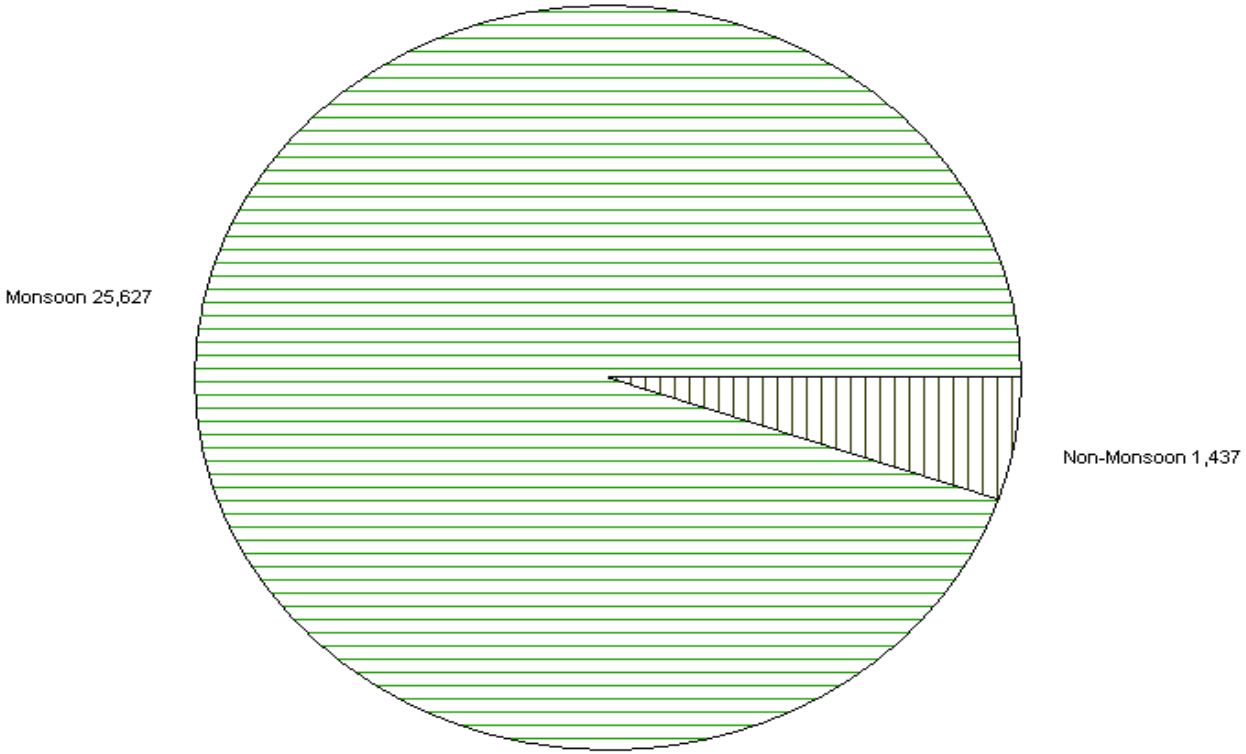
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2016-2017

Station Name : Kudige (CC000Y5)
Local River : Cauvery

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 2016 DATE OF COLLECTION																	
1																	
2																	
3								Sample not collected									
4																	
POSTMONSOON 2016 DATE OF COLLECTION 01.02.2017																	
1	30	-	809.01 0	-	2.10			-	-	0.25							
2	60	-	808.690	-	2.61				5.5	1.20							
3	90	-	809.810	-	1.08	103.5		10.38	-	0.99	104.072	1.808	0.055	0.00010	10.38	18	2.01
4	120	-	810.290	-	0.88			-	18	5.61							
PREMONSOON 2017 DATE OF COLLECTION 23.06.2017																	
1	30	-	809.670	-	1.82			35.48	1	0.72							
2	60	-	808.540	811.490	2.95		.		3	1.01							
3	90	-	810.150	-	1.34	104.2			6	0.53	107.28	2.065	0.1601	0.00010	35.48	8	1.90
4	120	-	810.270		1.22				8	5.35							

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°)
’	:	Minute (25’)
”	:	Second (50”)
*	:	Estimated Discharge
#	:	Discarded Discharge