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वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2015 – मई 2016)
(JUNE 2015– MAY 2016)
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
मार्च – 2017
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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 2015-16.

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

Bengaluru
March 2017.

(V. Mohan Murali)
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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। 2015–16 के जल वर्ष पुस्तक के प्रथम संस्करण में धारा प्रवाह तथा निलंबित तलछट डाटा शामिल है।

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

वू.मोहन मुरलि

बेंगलुरू
मार्च, 2017

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

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CAUVERY BASIN

1.0 BASIN DESCRIPTION

1.1 GEOGRAPHICAL DESCRIPTION OF THE BASIN

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

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

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

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

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

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

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

1.2 DESCRIPTION OF THE RIVER SYSTEM

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

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

The Hemavathi

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

The Kabini

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

The Bhavani

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

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

BRIEF REPORT ON DISTRIBUTARIES OF CAUVERY DELTA IN KARAIKAL REGION

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

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

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

1.3 CLIMATIC CHARACTERISTICS

Climate

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

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

Temperature

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

Rainfall

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

Evaporation

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

1.4 GEOLOGY

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

1.5 DESCRIPTION OF WATER STORAGE/DIVERSION STRUCTURES

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

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

2 STREAM FLOW DATA

2.1 METHODOLOGY

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

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

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

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

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

2.2 DATA AVAILABILITY

As already mentioned, Central Water Commission is conducting Hydrological Observations at **35** stations spread over Four states of Karnataka, Kerala, Tamil Nadu and Pondicherry. Daily discharge data collected at these **35** sites for the year 2015-16 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 2015-16 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.

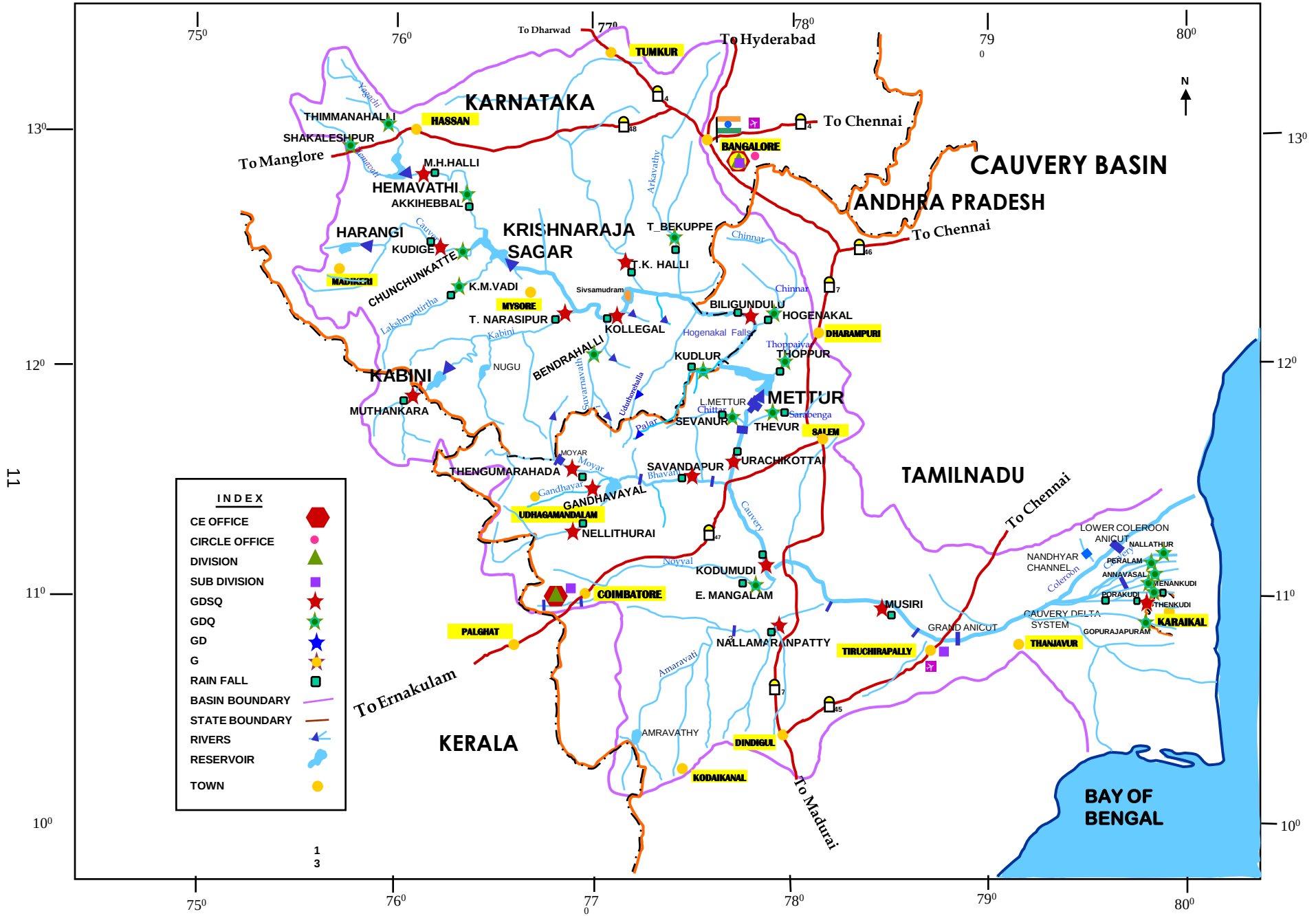
5.2.2 GENERAL DATA OF RIVER

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.

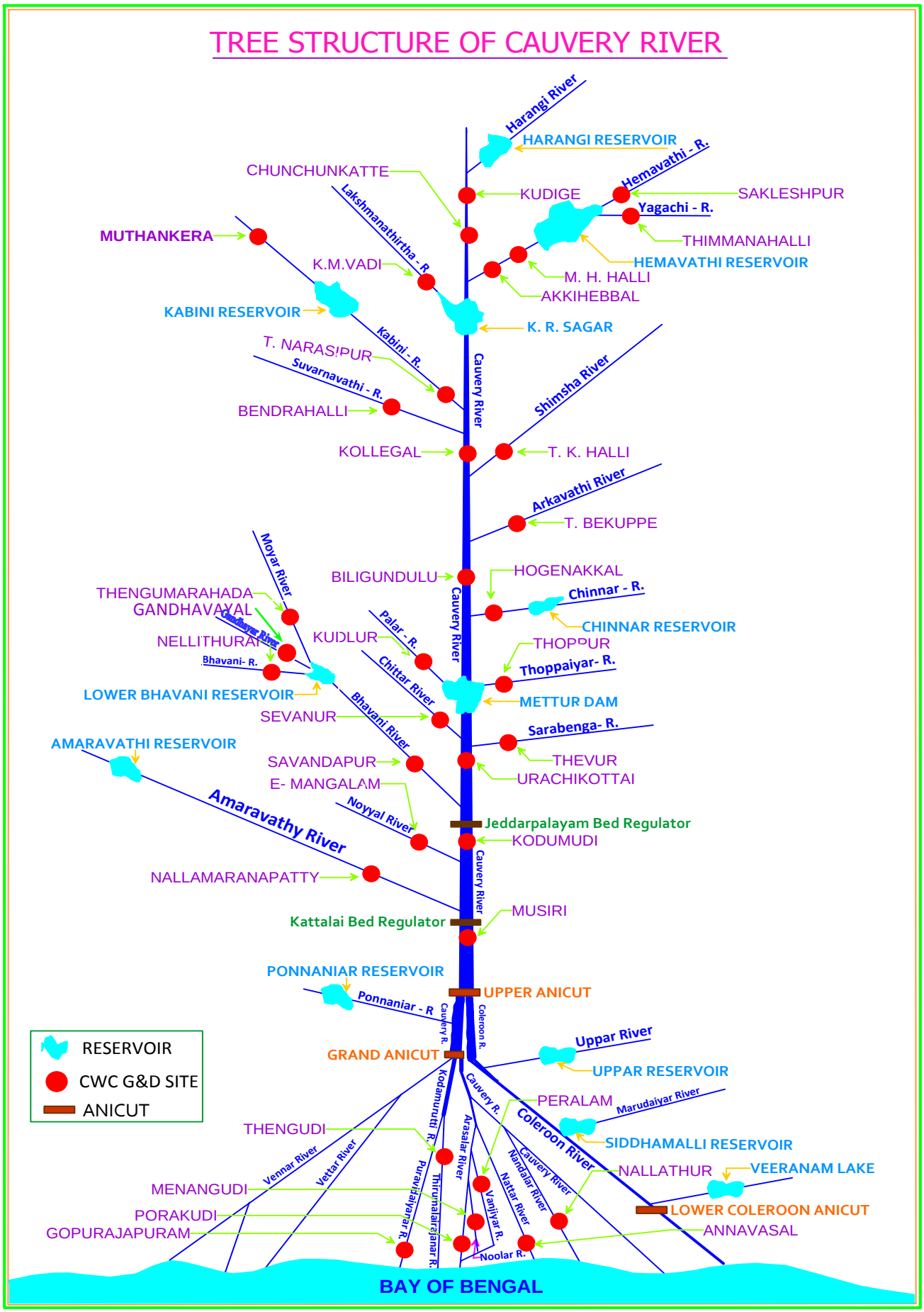
BASIN MAP SHOWING CWC H.O SITES AND RAIN FALL STATIONS IN CAUVERY BASIN



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

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	0.170	0.000	0.100	0.000	-0.035	0.000	1.070	0.000	0.720	0.000	1.420	0.587 *
2	0.160	0.000	0.090	0.000	-0.035	0.000	1.075	0.000	0.720	0.000	1.440	0.650
3	0.150	0.000	0.080	0.000	-0.040	0.000	1.030	0.000	0.715	0.000	1.465	0.714 #
4	0.145	0.000	0.075	0.000	-0.045	0.000	0.900	0.000	0.730	0.000	1.320	0.000
5	0.150	0.000	0.070	0.000	-0.045	0.000	0.860	0.000	0.780	0.000	1.550	0.993 #
6	0.145	0.000	0.060	0.000	-0.055	0.000	0.900	0.000	0.810	0.000	1.550	0.993 *
7	0.135	0.000	0.050	0.000	-0.050	0.000	0.910	0.000	0.865	0.000	1.895	16.51
8	0.130	0.000	0.050	0.000	-0.060	0.000	0.920	0.000	1.190	0.000	2.210	22.25 *
9	0.125	0.000	0.045	0.000	-0.065	0.000	0.990	0.000	1.420	0.000	2.490	21.00
10	0.120	0.000	0.040	0.000	-0.070	0.000	1.020	0.000	1.490	0.000	2.350	24.70 *
11	0.180	0.000	0.035	0.000	-0.070	0.000	1.030	0.000	1.475	0.000	2.110	18.07
12	0.180	0.000	0.035	0.000	-0.075	0.000	1.040	0.000	1.410	0.000	1.750	14.68
13	0.170	0.000	0.030	0.000	-0.080	0.000	1.040	0.000	1.360	0.000	1.370	11.30
14	0.170	0.000	0.030	0.000	-0.085	0.000	1.020	0.000	1.275	0.000	1.310	8.499
15	0.160	0.000	0.030	0.000	-0.090	0.000	0.990	0.000	1.245	0.000	1.520	11.70 *
16	0.155	0.000	0.025	0.000	-0.095	0.000	0.920	0.000	1.210	0.000	1.710	14.31
17	0.150	0.000	0.020	0.000	-0.100	0.000	0.880	0.000	1.160	0.000	1.485	12.36
18	0.140	0.000	0.010	0.000	-0.110	0.000	0.840	0.000	1.115	0.000	1.208	8.610
19	0.150	0.000	0.005	0.000	-0.120	0.000	0.855	0.000	1.365	0.449 #	0.995	4.855
20	0.145	0.000	0.000	0.000	-0.125	0.000	0.890	0.000	1.495	0.000	1.390	10.01 #
21	0.135	0.000	0.000	0.000	-0.125	0.000	0.910	0.000	1.445	0.000	1.520	11.70 #
22	0.120	0.000	0.000	0.000	-0.130	0.000	0.900	0.000	1.335	0.000	1.440	10.64 *
23	0.110	0.000	0.000	0.000	-0.100	0.000	0.890	0.000	1.300	0.000	2.070	22.91
24	0.150	0.000	-0.010	0.000	-0.100	0.000	0.875	0.000	1.310	0.000	1.850	18.61
25	0.140	0.000	-0.010	0.000	0.510	0.000	0.860	0.000	1.370	0.000	1.580	12.51 *
26	0.130	0.000	-0.015	0.000	0.650	0.000	0.835	0.000	1.505	0.000	1.330	10.20
27	0.125	0.000	-0.025	0.000	0.960	0.000	0.790	0.000	1.460	0.000	1.080	5.973
28	0.120	0.000	-0.030	0.000	1.070	0.000	0.760	0.000	1.513	0.902	1.015	4.982
29	0.115	0.000	-0.025	0.000	0.720	0.000	0.720	0.000	1.490	0.734	0.800	3.707 *
30	0.110	0.000	-0.025	0.000	0.690	0.000	0.690	0.000 *	1.475	0.757	1.000	5.185
31			-0.030	0.000	0.920	0.000			1.590	1.141 #		
Ten-Daily Mean												
I Ten-Daily	0.143	0.000	0.066	0.000	-0.050	0.000	0.967	0.000	0.944	0.000	1.769	8.840
II Ten-Daily	0.160	0.000	0.022	0.000	-0.095	0.000	0.951	0.000	1.311	0.045	1.485	11.44
III Ten-Daily	0.125	0.000	-0.015	0.000	0.460	0.000	0.823	0.000	1.436	0.321	1.368	10.64
Monthly												
Min.	0.110	0.000	-0.030	0.000	-0.130	0.000	0.690	0.000	0.715	0.000	0.800	0.000
Max.	0.180	0.000	0.100	0.000	1.070	0.000	1.075	0.000	1.590	1.141	2.490	24.70
Mean	0.143	0	0.023	0	0.117	0	0.914	0	1.237	0.129	1.541	10.31

Annual Runoff in MCM = 52 **Annual Runoff in mm =**

Peak Observed Discharge = 31.43 cumecs on 10/12/2015 **Corres. Water Level :2.445 m**

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 **Corres. Water Level :0.17 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 2015 - 2016

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	1.438	4.882	1.195	0.000	1.140	0.000	0.275	0.000	0.240	0.000	0.090	0.000
2	1.620	7.496 #	1.170	0.000	1.110	0.000	0.255	0.000	0.240	0.000	0.080	0.000
3	1.840	12.65 #	1.160	0.000	1.100	0.000	0.260	0.000	0.240	0.000	0.070	0.000
4	2.060	21.97	1.140	0.000	1.090	0.000	0.260	0.000	0.240	0.000	0.060	0.000
5	2.145	25.84	1.140	0.000	1.050	0.000	0.245	0.000	0.240	0.000	0.050	0.000
6	2.040	18.09 *	1.135	0.000	1.020	0.000	0.270	0.000	0.235	0.000	0.040	0.000
7	1.955	16.96	1.125	0.000	0.990	0.000	0.300	0.000	0.230	0.000	0.040	0.000
8	2.580	28.79	1.120	0.000	0.970	0.000	0.315	0.000	0.235	0.000	0.035	0.000
9	2.580	28.48	1.110	0.000	0.960	0.000	0.330	0.000	0.240	0.000	0.030	0.000
10	2.445	31.43	1.100	0.000	0.930	0.000	0.325	0.000	0.240	0.000	0.050	0.000
11	2.275	26.55	1.090	0.000	0.910	0.000	0.320	0.000	0.235	0.000	0.060	0.000
12	2.018	20.99	1.090	0.000	0.890	0.000	0.335	0.000	0.235	0.000	0.060	0.000
13	1.815	12.02 *	1.485	3.836	0.865	0.000	0.315	0.000	0.230	0.000	0.060	0.000
14	1.330	2.305 #	1.500	0.000	0.830	0.000	0.300	0.000	0.230	0.000	0.055	0.000
15	1.290	1.765 #	1.430	0.000	0.805	0.000	0.280	0.000	0.230	0.000	0.055	0.000
16	1.640	6.713	1.410	0.000	0.790	0.000	0.275	0.000	0.220	0.000	0.060	0.000
17	1.590	6.204	1.520	5.478 *	0.745	0.000	0.275	0.000	0.200	0.000	0.300	0.000
18	1.590	0.000	1.630	7.710 #	0.720	0.000	0.285	0.000	0.190	0.000	0.455	0.000
19	1.590	0.000	1.575	0.000	0.690	0.000	0.290	0.000	0.180	0.000	0.520	0.000
20	1.515	0.000	1.515	0.000	0.630	0.000	0.280	0.000	0.170	0.000	0.640	0.000
21	1.425	0.000	1.590	0.000	0.580	0.000	0.270	0.000	0.165	0.000	1.095	0.000
22	1.430	0.000	1.600	0.000	0.535	0.000	0.260	0.000	0.150	0.000	1.135	0.000
23	1.415	0.000	1.450	0.000	0.520	0.000	0.250	0.000	0.140	0.000	1.145	0.000
24	1.395	0.000	1.420	0.000	0.480	0.000	0.245	0.000	0.140	0.000	1.105	0.000
25	1.370	0.000	1.410	0.000	0.440	0.000	0.240	0.000	0.130	0.000	1.050	0.000
26	1.330	0.000	1.290	0.000	0.420	0.000	0.235	0.000	0.130	0.000	1.060	0.000
27	1.305	0.000	1.250	0.000	0.350	0.000	0.240	0.000	0.125	0.000	1.030	0.000
28	1.280	0.000	1.235	0.000	0.325	0.000	0.250	0.000	0.120	0.000	1.000	0.000
29	1.275	0.000	1.205	0.000	0.295	0.000	0.250	0.000	0.110	0.000	0.980	0.000
30	1.265	0.000	1.170	0.000			0.245	0.000	0.100	0.000	0.960	0.000
31	1.240	0.000	1.160	0.000			0.245	0.000			0.950	0.000
Ten-Daily Mean												
I Ten-Daily	2.070	19.66	1.139	0.000	1.036	0.000	0.284	0.000	0.238	0.000	0.055	0.000
II Ten-Daily	1.665	7.655	1.424	1.702	0.787	0.000	0.295	0.000	0.212	0.000	0.226	0.000
III Ten-Daily	1.339	0.000	1.344	0.000	0.438	0.000	0.248	0.000	0.131	0.000	1.046	0.000
Monthly												
Min.	1.240	0.000	1.090	0.000	0.295	0.000	0.235	0.000	0.100	0.000	0.030	0.000
Max.	2.580	31.43	1.630	7.710	1.140	0.000	0.335	0.000	0.240	0.000	1.145	0.000
Mean	1.680	8.811	1.304	0.549	0.765	0	0.275	0	0.194	0	0.462	0

Peak Computed Discharge = 24.70 cumecs on 10/11/2015 **Corres. Water Level :2.35 m**

Lowest Computed Discharge = 0.000 cumecs on 30/09/2015 **Corres. Water Level :0.69 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

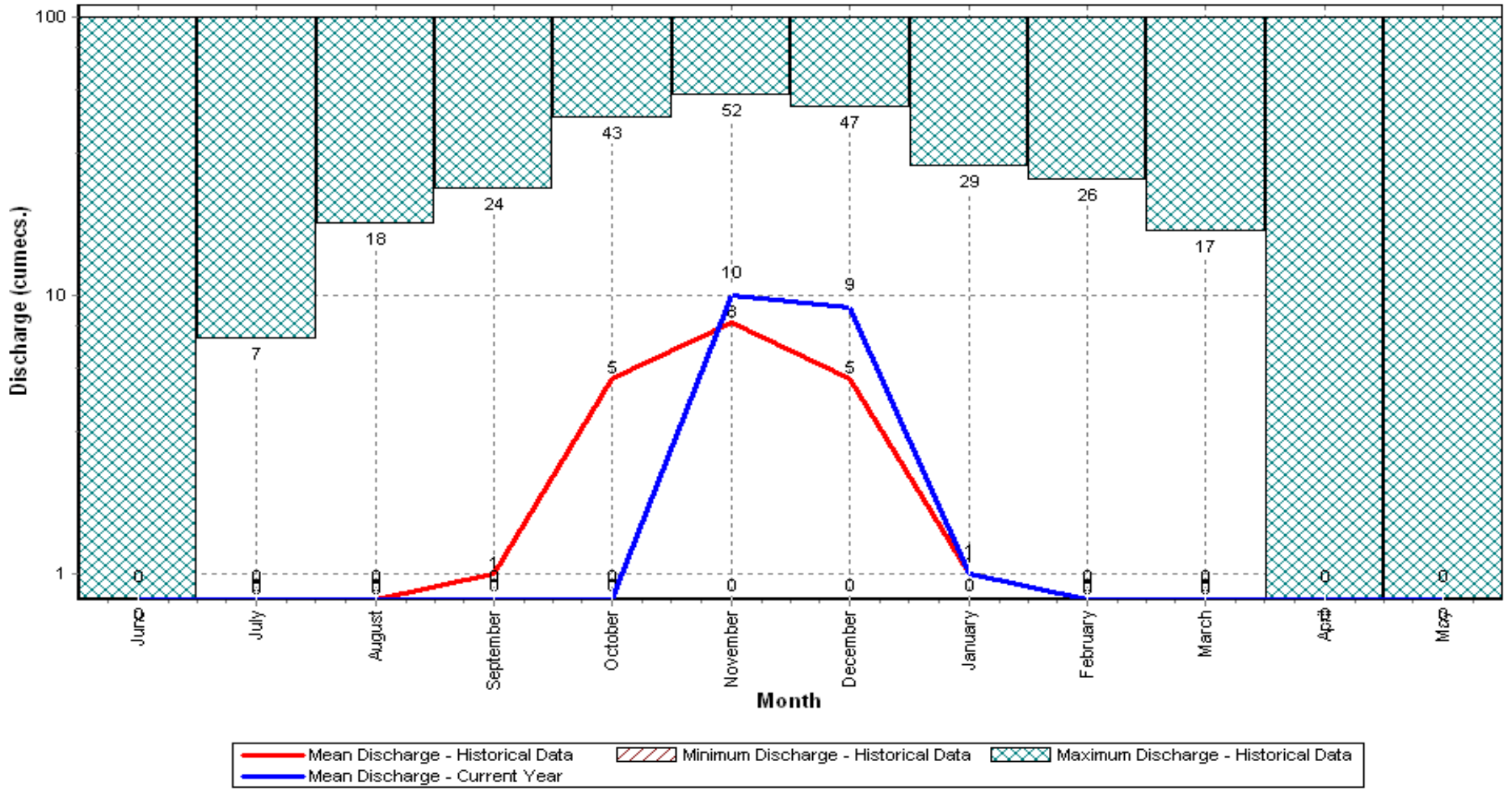
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Gopurajapuram (CCA32D2) | **Data considered : 1999-2016** | **Division : Hydrology Division, Chennai**

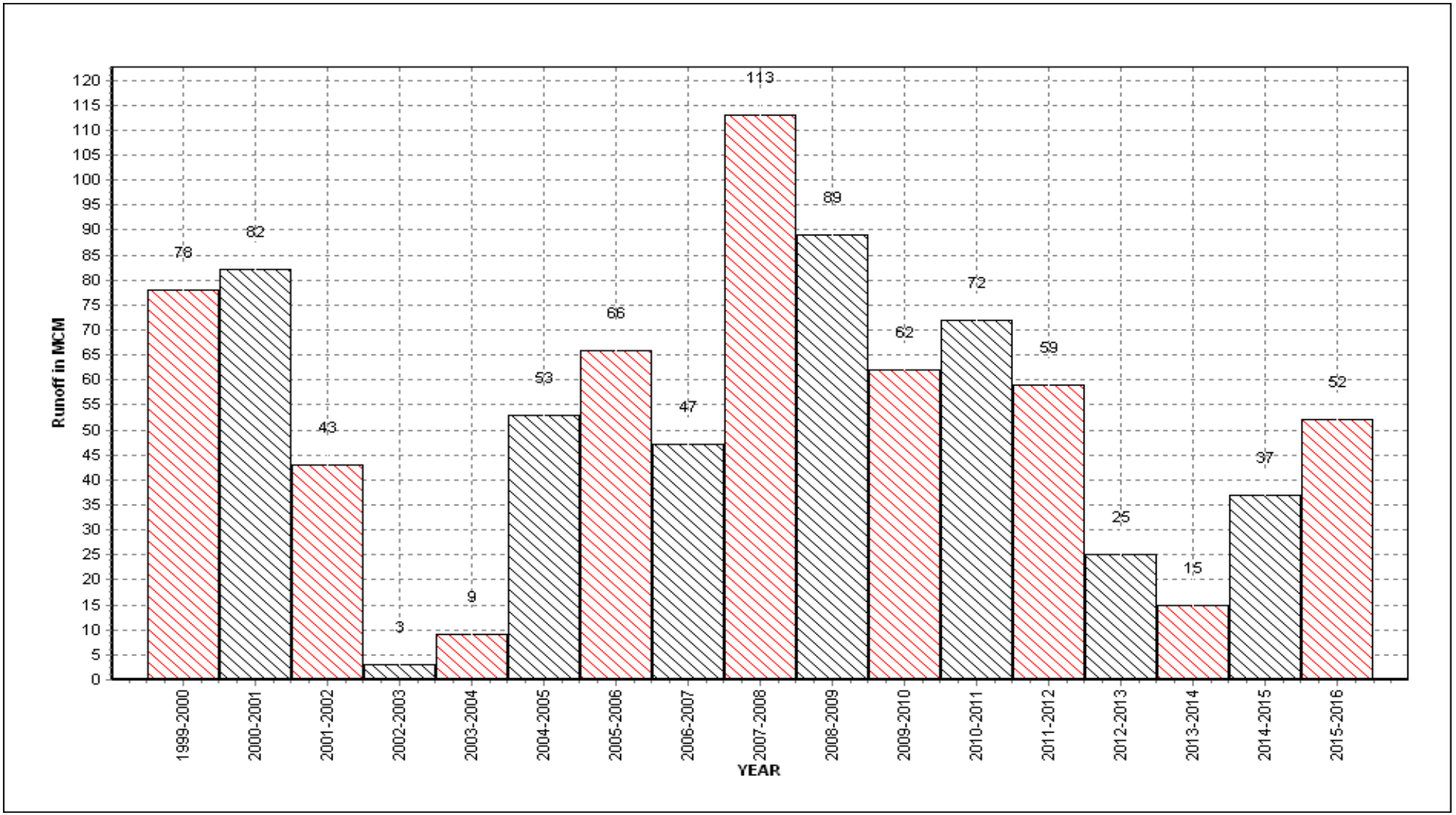
Local River : Puravadaiyanar | **Sub-Division : Cauvery Delta SD, Karaikal**


100
10
1
Discharge (cumecs.)
43
52
47
29
26
24
18
17
10
9
8
7
5
5
1
1
0
0
0

Annual Runoff Values for the period: 1999 - 2016

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

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

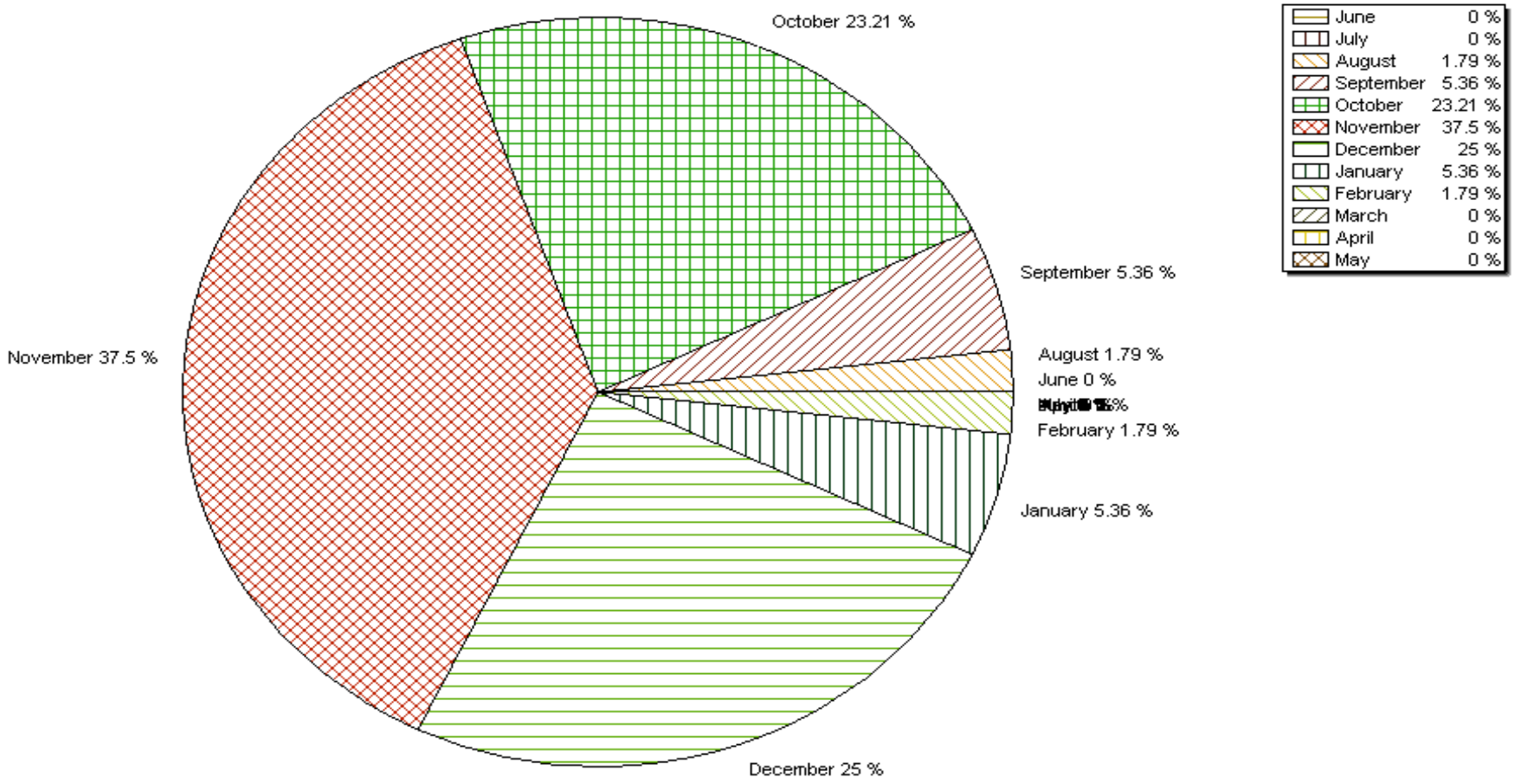


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2015

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

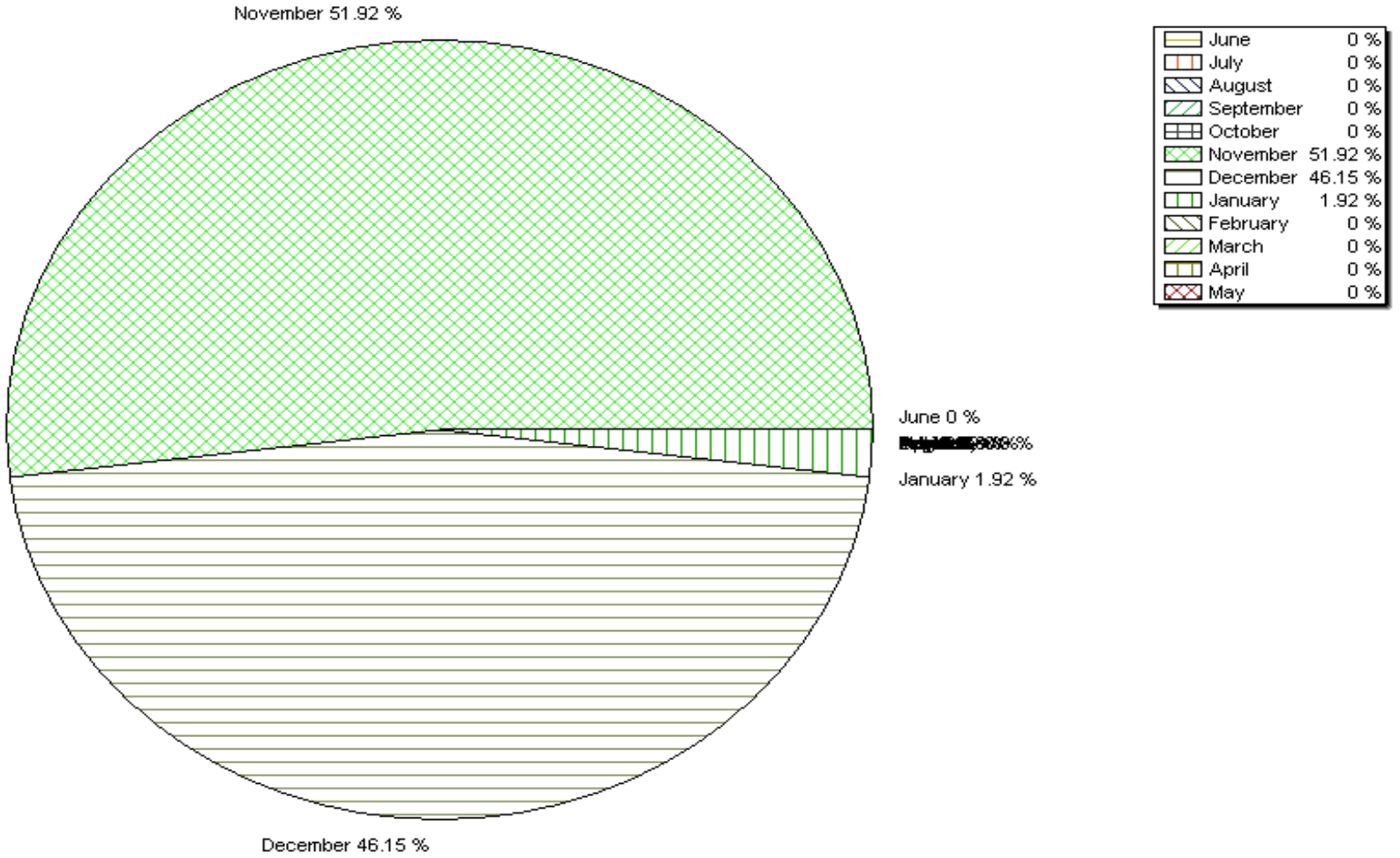
Local River : Puravadaiyanar **Sub-Division : Cauvery Delta SD, Karaikal**



Monthly Runoff for the Year : 2015-2016

Station Name : Gopurajapuram (CCA32D2)
Local River : Puravadaiyanar

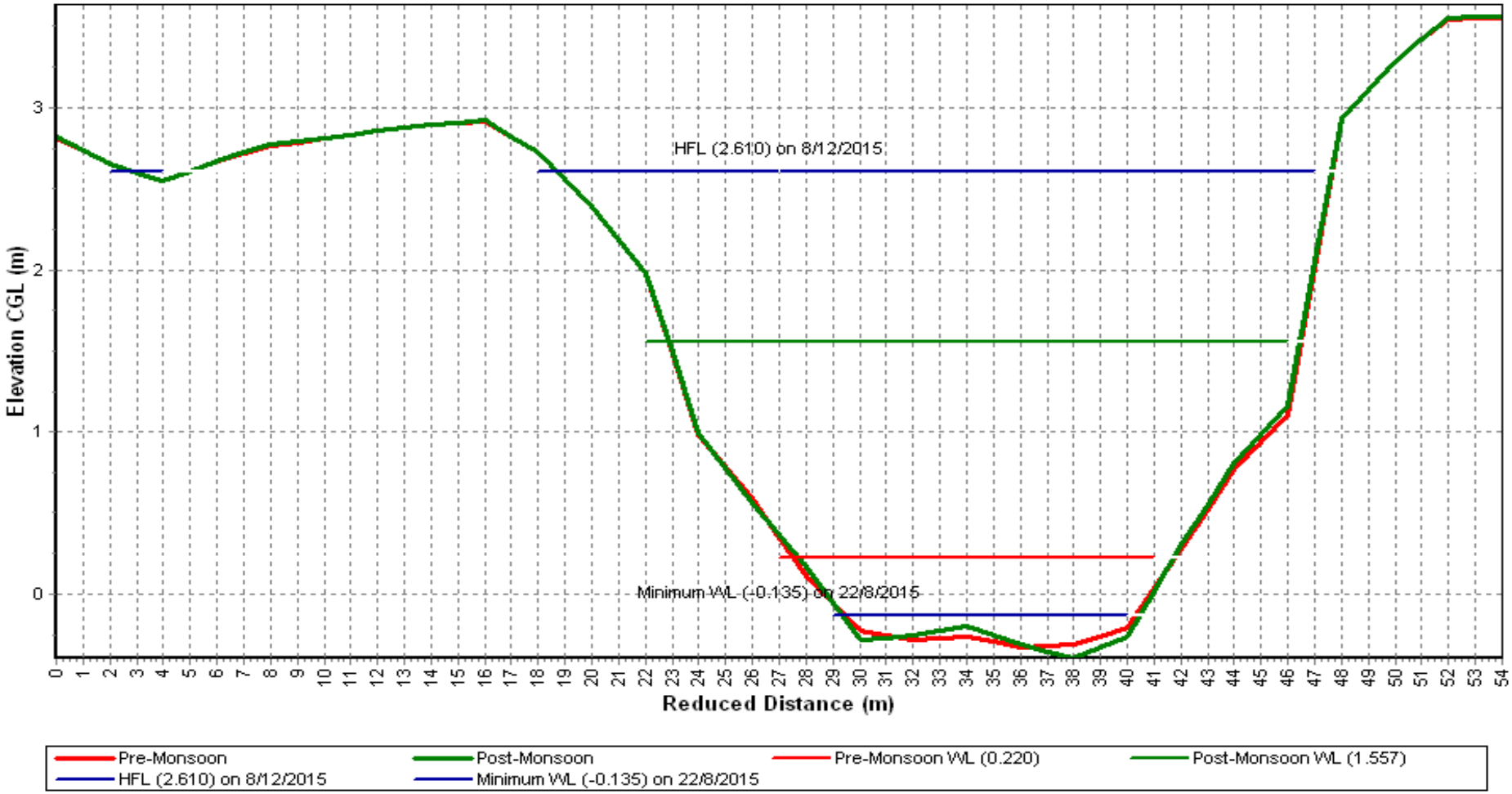
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

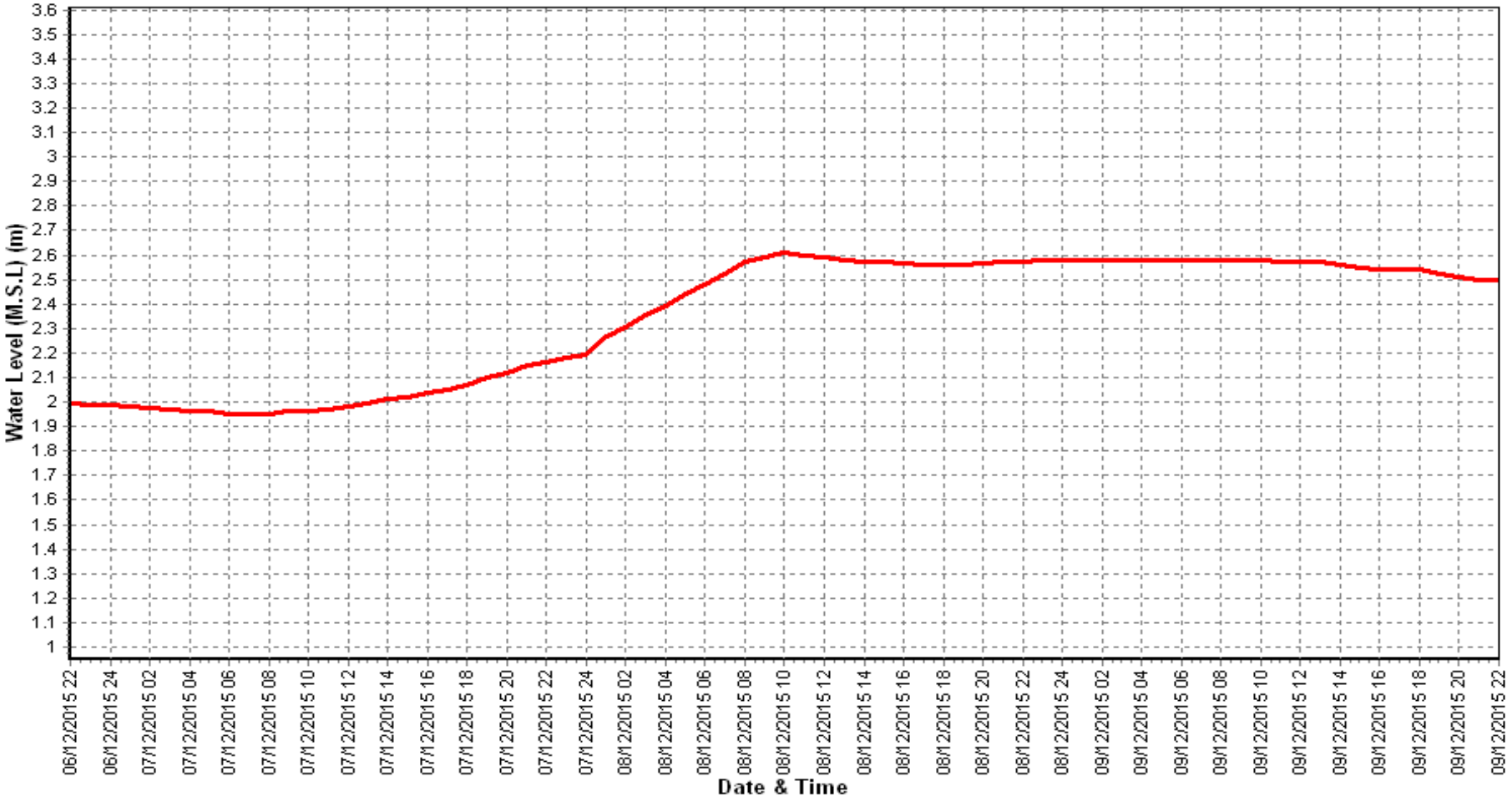
Local River : Puravadaiyanar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

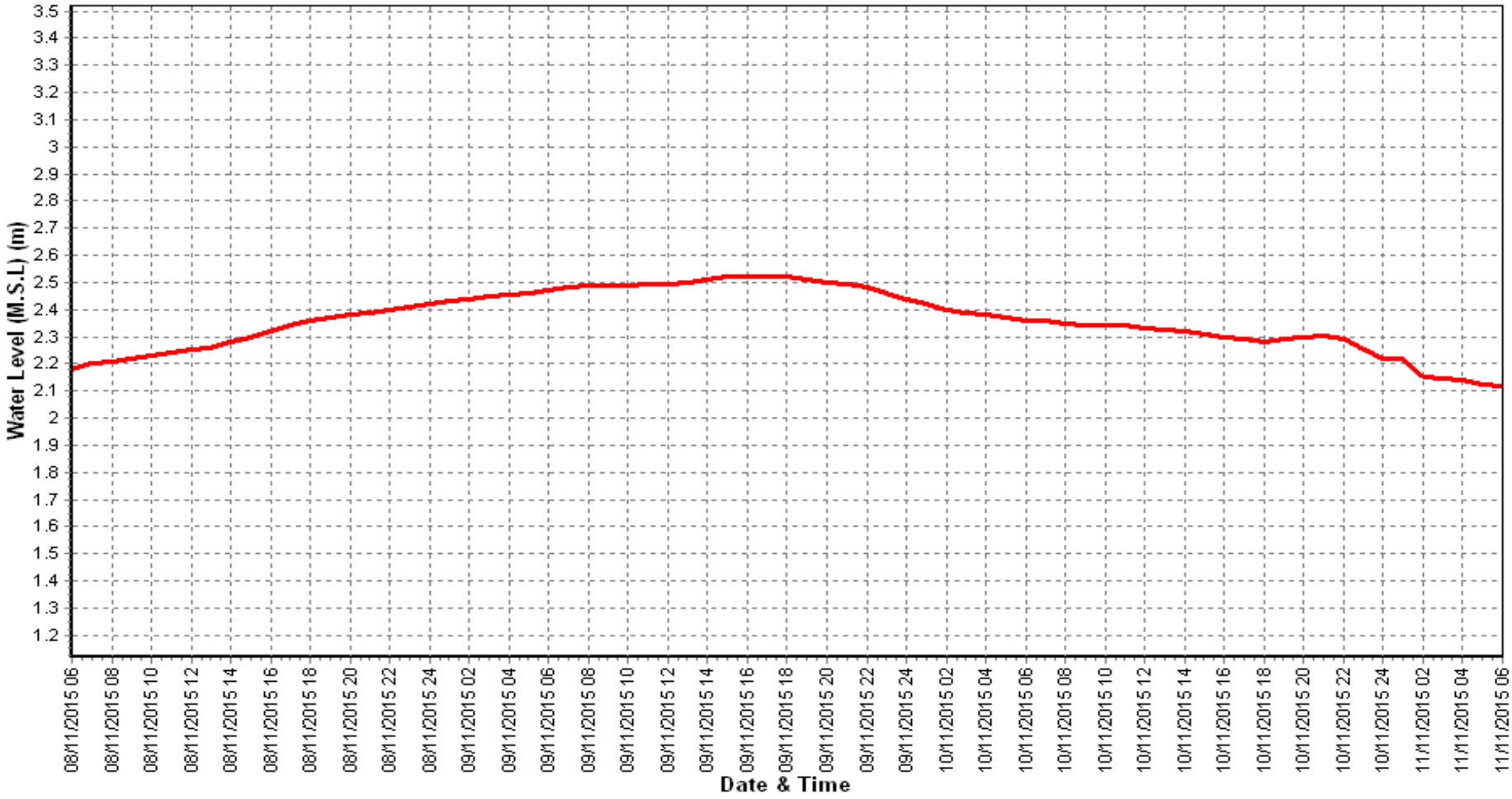


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

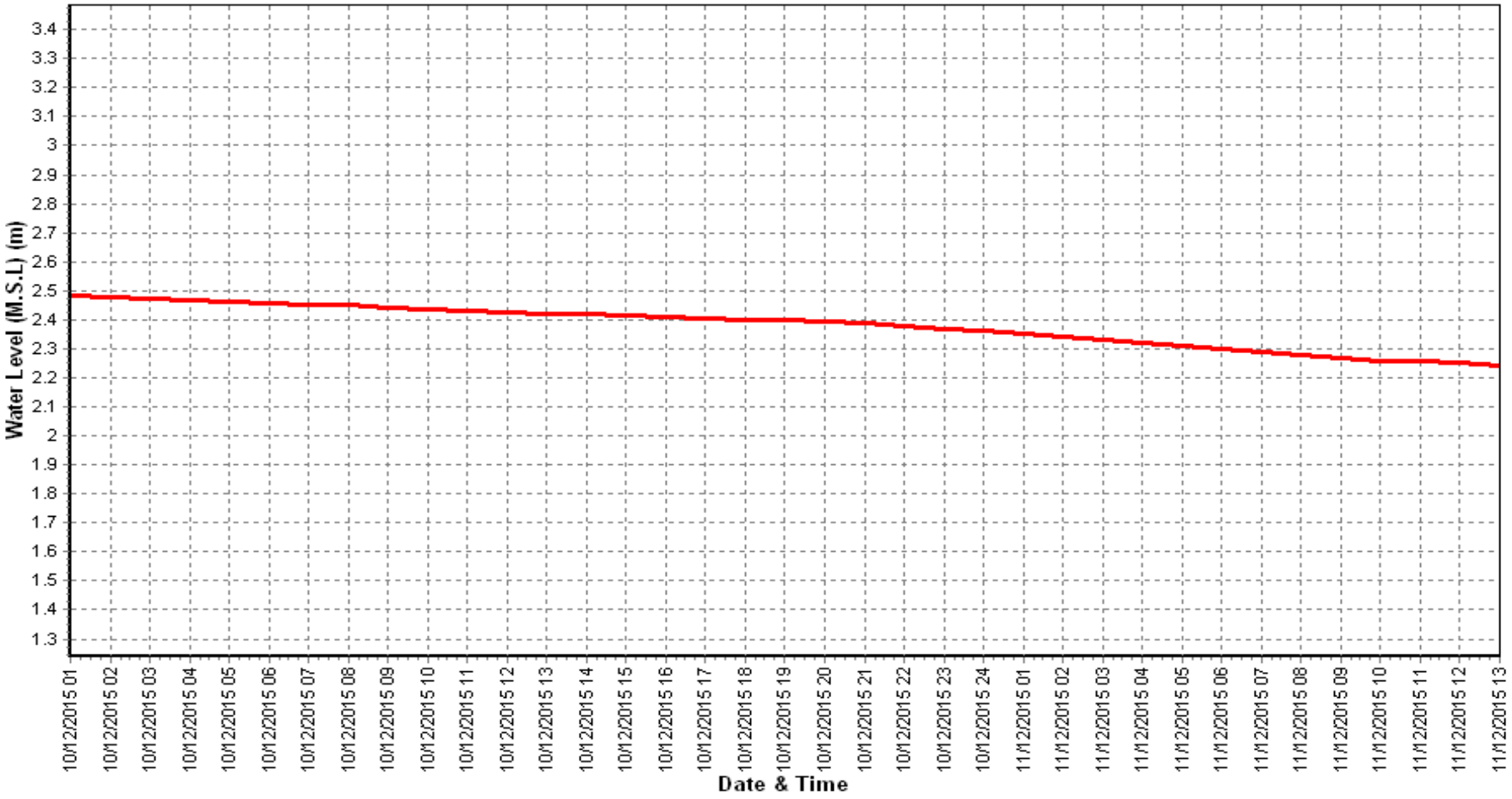


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	4.745	0.719 *		0.000
5		0.000		0.000		0.000	4.725	0.735	4.823	1.714		0.000
6		0.000		0.000		0.000	4.655	0.066 *	4.890	2.632		0.000
7		0.000		0.000		0.000	4.670	0.181	4.680	0.247 #		0.000
8		0.000		0.000		0.000	4.665	0.120	4.645	0.021		0.000
9		0.000		0.000		0.000	4.878	2.410	4.833	1.784	4.865	2.787
10		0.000		0.000		0.000	4.890	2.699	4.898	2.723	5.130	8.156 *
11		0.000		0.000		0.000	4.845	2.003	4.800	1.364 *	4.810	1.571
12		0.000		0.000		0.000	4.675	0.188	4.725	0.525 #	4.758	1.079
13		0.000		0.000		0.000	4.645	0.071 *	4.665	0.115	4.715	0.582
14		0.000		0.000		0.000	4.630	0.000	4.700	0.359	4.700	0.469
15		0.000		0.000		0.000		0.000	4.645	0.024	4.720	0.571 *
16		0.000		0.000		0.000		0.000		0.000	4.775	1.077
17		0.000		0.000		0.000		0.000	4.878	2.336	4.805	1.451
18		0.000		0.000		0.000		0.000	4.880	2.400	4.765	1.075
19		0.000		0.000		0.000		0.000	4.693	0.334	4.730	0.696
20		0.000		0.000		0.000		0.000	4.675	0.162	4.705	0.409
21		0.000		0.000		0.000	4.875	2.405	4.635	0.000	4.700	0.315
22		0.000		0.000	4.825	1.561	4.855	2.147		0.000	4.725	0.613 *
23		0.000		0.000	4.920	2.940	4.713	0.623		0.000	4.940	2.975
24		0.000		0.000	4.920	2.930	4.655	0.056		0.000	4.870	2.365
25		0.000		0.000	4.860	2.236		0.000		0.000	4.840	1.936 *
26		0.000		0.000	4.883	2.526		0.000		0.000	4.800	1.366
27		0.000		0.000	4.693	0.425		0.000		0.000	4.790	1.248
28		0.000		0.000	4.645	0.023		0.000		0.000	4.800	1.345
29		0.000		0.000		0.000		0.000		0.000	4.750	0.841 *
30		0.000		0.000		0.000		0.000		0.000	4.780	1.135
31				0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	4.747	0.621	4.787	0.984	4.997	1.094
II Ten-Daily		0.000		0.000		0.000	4.699	0.226	4.740	0.762	4.748	0.898
III Ten-Daily		0.000		0.000	4.821	1.149	4.774	0.523	4.635	0.000	4.799	1.414
Monthly												
Min.		0.000		0.000	4.645	0.000	4.630	0.000	4.635	0.000	4.700	0.000
Max.		0.000		0.000	4.920	2.940	4.890	2.699	4.898	2.723	5.130	8.156
Mean		0		0	4.821	0.408	4.741	0.457	4.753	0.563	4.794	1.135

Annual Runoff in MCM = 16 Annual Runoff in mm =

Peak Observed Discharge = 5.456 cumecs on 19/01/2016 Corres. Water Level :5.105 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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	4.850	1.939	4.625	0.000	4.680	0.215	4.715	0.306		0.000		0.000
2	4.880	2.361	4.625	0.000	4.650	0.036 #	4.695	0.217		0.000		0.000
3	4.958	3.115		0.000	4.660	0.065	4.685	0.202		0.000		0.000
4	4.960	3.332		0.000	4.635	0.000	4.675	0.147		0.000		0.000
5	4.953	3.043		0.000	4.625	0.000	4.655	0.044		0.000		0.000
6	4.930	3.047 *		0.000	4.630	0.000	4.635	0.000		0.000		0.000
7	4.905	2.651	4.773	1.064	4.625	0.000		0.000		0.000		0.000
8	4.978	3.564	4.860	2.301	4.625	0.000		0.000		0.000		0.000
9	5.030	4.025	4.823	1.701	4.750	0.723		0.000		0.000		0.000
10	4.938	3.162	4.720	0.463 *	4.680	0.205		0.000		0.000		0.000
11	4.905	2.702	4.680	0.214	4.725	0.475		0.000		0.000		0.000
12	4.875	2.337	4.670	0.123 #	4.750	0.720		0.000		0.000		0.000
13	4.840	1.753 *	4.685	0.203	4.735	0.512		0.000		0.000		0.000
14	4.820	1.620	4.665	0.078	4.730	0.548 *		0.000		0.000		0.000
15	4.853	1.969	4.740	0.637 *	4.715	0.356		0.000		0.000		0.000
16	4.825	1.626	4.758	0.891	4.725	0.401		0.000		0.000		0.000
17	4.800	1.280	4.960	3.530 *	4.760	0.736		0.000		0.000		0.000
18	4.820	1.589	5.065	5.046	4.775	0.844		0.000		0.000		0.000
19	4.810	1.464	5.105	5.456	4.798	1.227		0.000		0.000		0.000
20	4.810	1.379 *	4.793	1.309	4.815	1.337		0.000		0.000		0.000
21	4.750	0.914	4.700	0.370	4.790	1.148 *		0.000		0.000		0.000
22	4.735	0.640	4.690	0.297	4.785	1.090		0.000		0.000		0.000
23	4.735	0.650	4.720	0.566	4.833	1.618		0.000		0.000		0.000
24	4.710	0.384 *	4.710	0.384 *	4.830	1.615		0.000		0.000		0.000
25	4.690	0.241 *	4.670	0.123 #	4.788	1.260		0.000		0.000		0.000
26	4.675	0.155	4.740	0.637 *	4.725	0.423		0.000		0.000		0.000
27	4.650	0.036 *	4.850	2.033	4.720	0.417		0.000		0.000		0.000
28	4.655	0.058	4.890	2.518	4.700	0.309 *		0.000		0.000		0.000
29	4.655	0.051	4.853	2.092	4.685	0.210		0.000		0.000		0.000
30	4.645	0.023	4.805	1.518				0.000		0.000		0.000
31	4.635	0.000	4.720	0.463 *				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	4.938	3.024	4.737	0.553	4.656	0.124	4.677	0.092		0.000		0.000
II Ten-Daily	4.836	1.772	4.812	1.749	4.753	0.715		0.000		0.000		0.000
III Ten-Daily	4.685	0.287	4.759	1.000	4.762	0.899		0.000		0.000		0.000
Monthly												
Min.	4.635	0.000	4.625	0.000	4.625	0.000	4.635	0.000		0.000		0.000
Max.	5.030	4.025	5.105	5.456	4.832	1.618	4.715	0.306		0.000		0.000
Mean	4.815	1.649	4.774	1.097	4.722	0.569	4.677	0.03		0		0

Peak Computed Discharge = 8.156 cumecs on 10/11/2015 **Corres. Water Level :5.13 m**

Lowest Computed Discharge = 0.036 cumecs on 27/12/2015 **Corres. Water Level :4.65 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

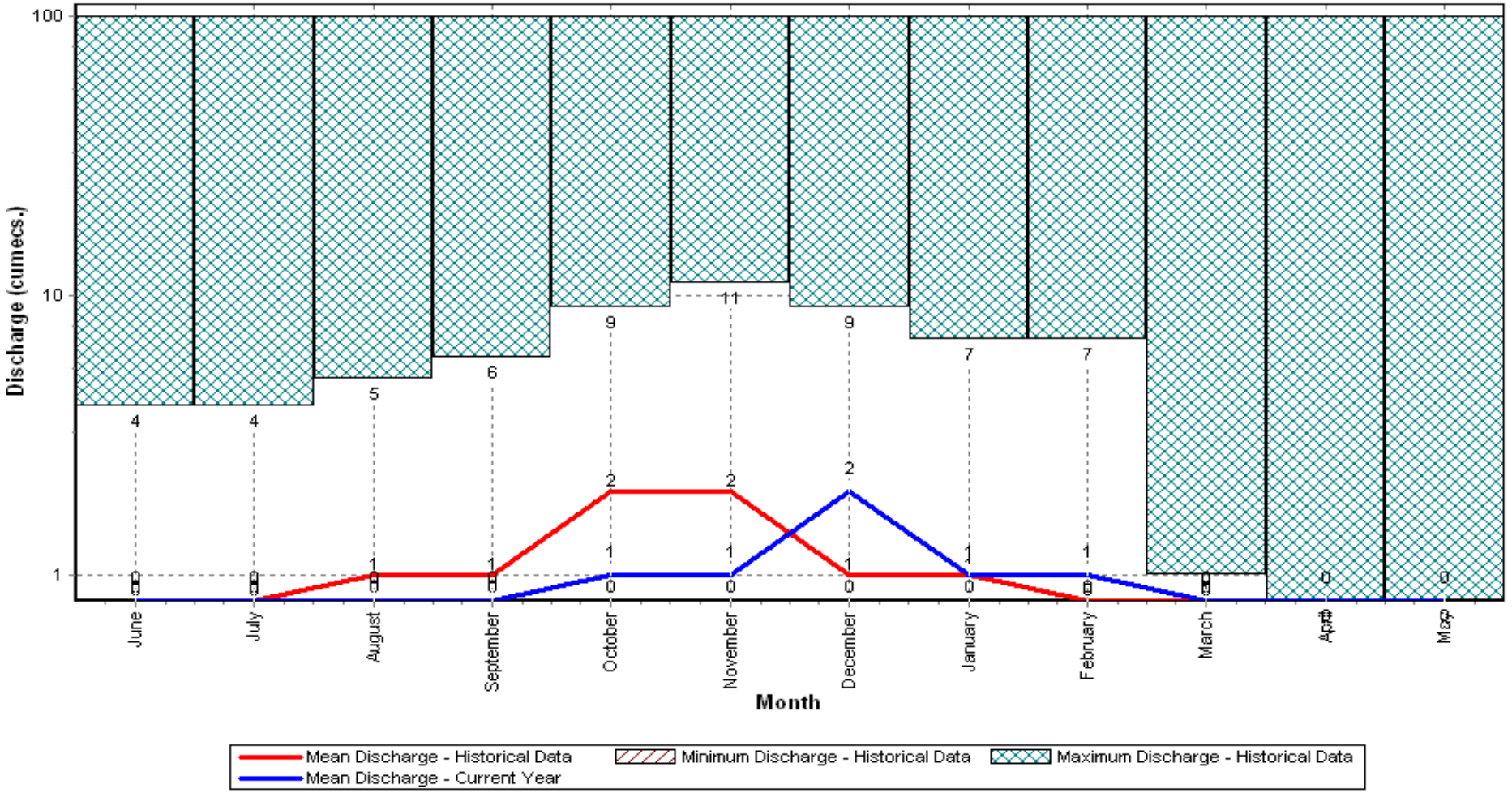
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Annavasal (CCA21G5) | **Data considered : 1999-2016** | **Division : Hydrology Division, Chennai**

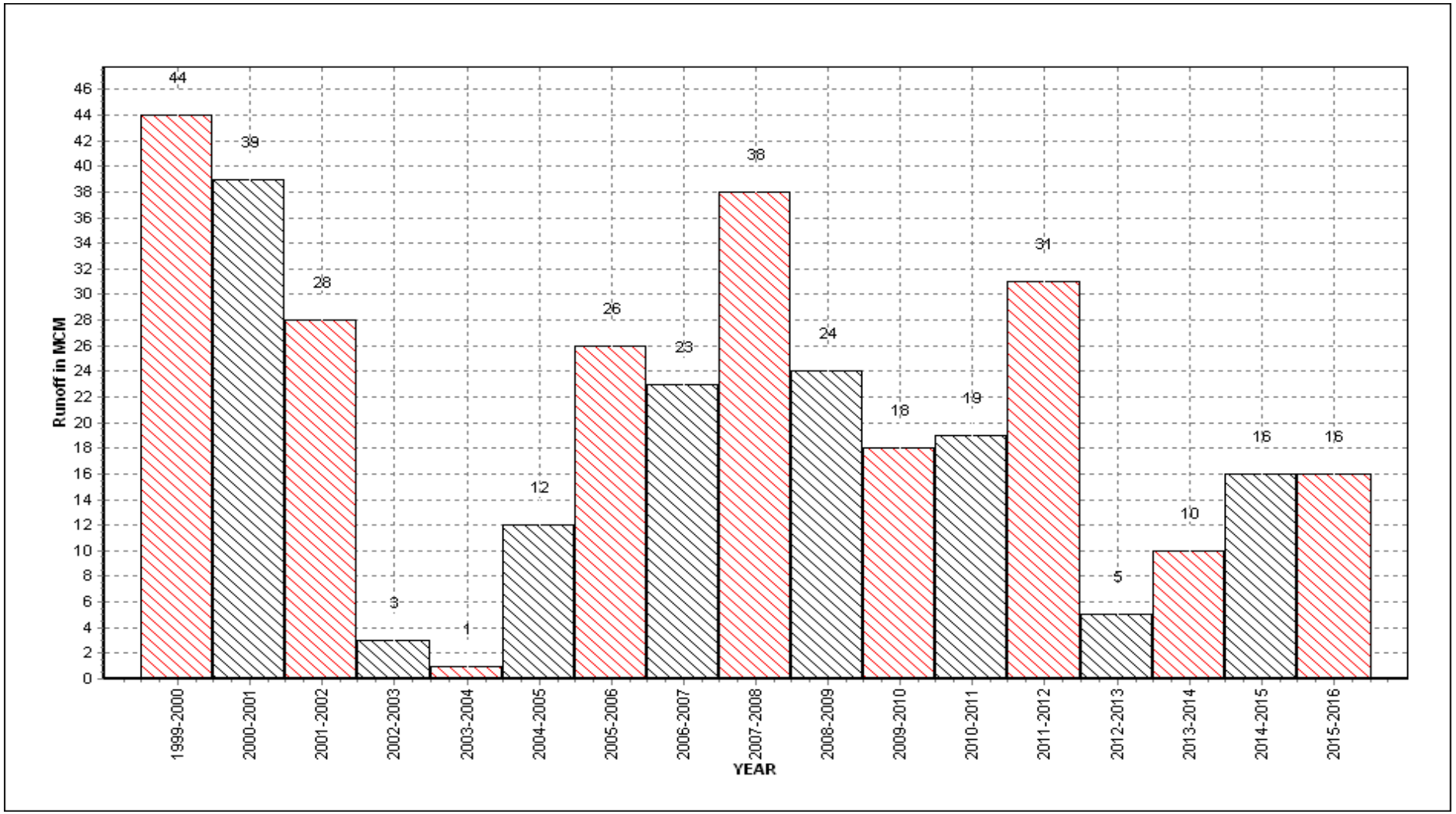
Local River : Nattar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2016

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

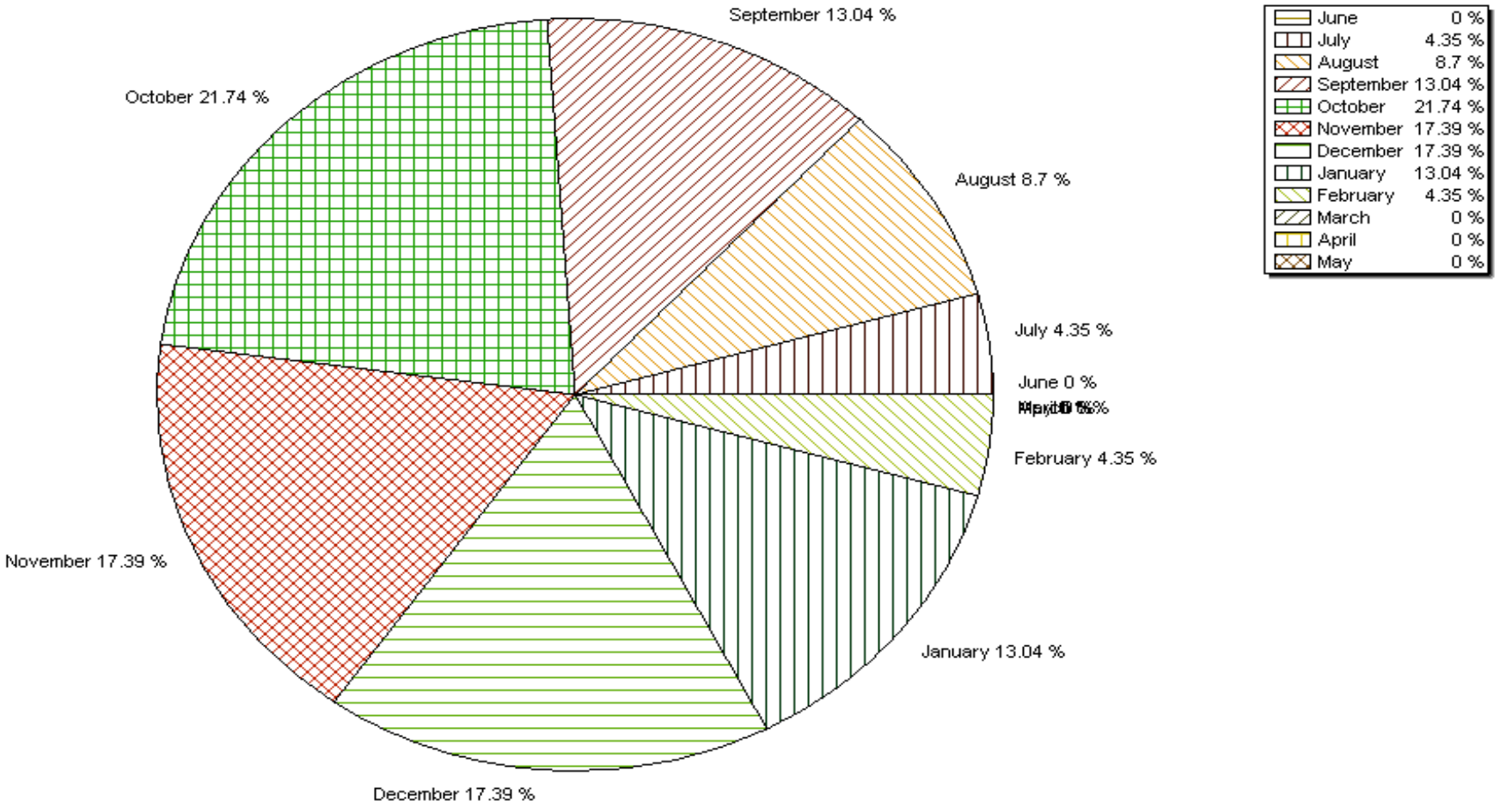
Monthly Average Runoff based on period : 1999-2015

Station Name : Annavasal (CCA21G5)

Local River : Nattar

Division : Hydrology Division, Chennai

Sub-Division : Cauvery Delta SD, Karaikal



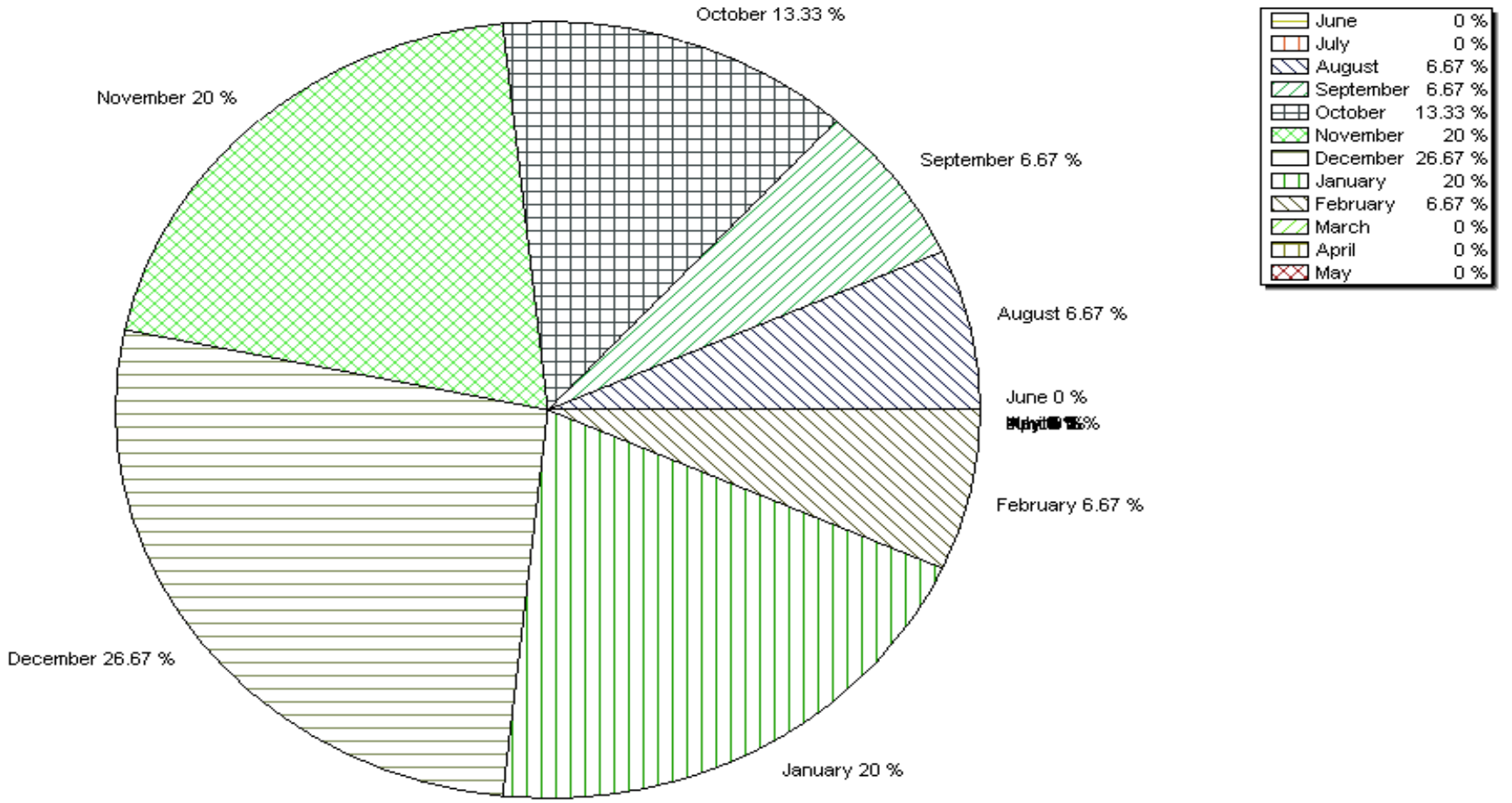
Monthly Runoff for the Year : 2015-2016

Station Name : Annavasal (CCA21G5)

Local River : Nattar

Division : Hydrology Division, Chennai

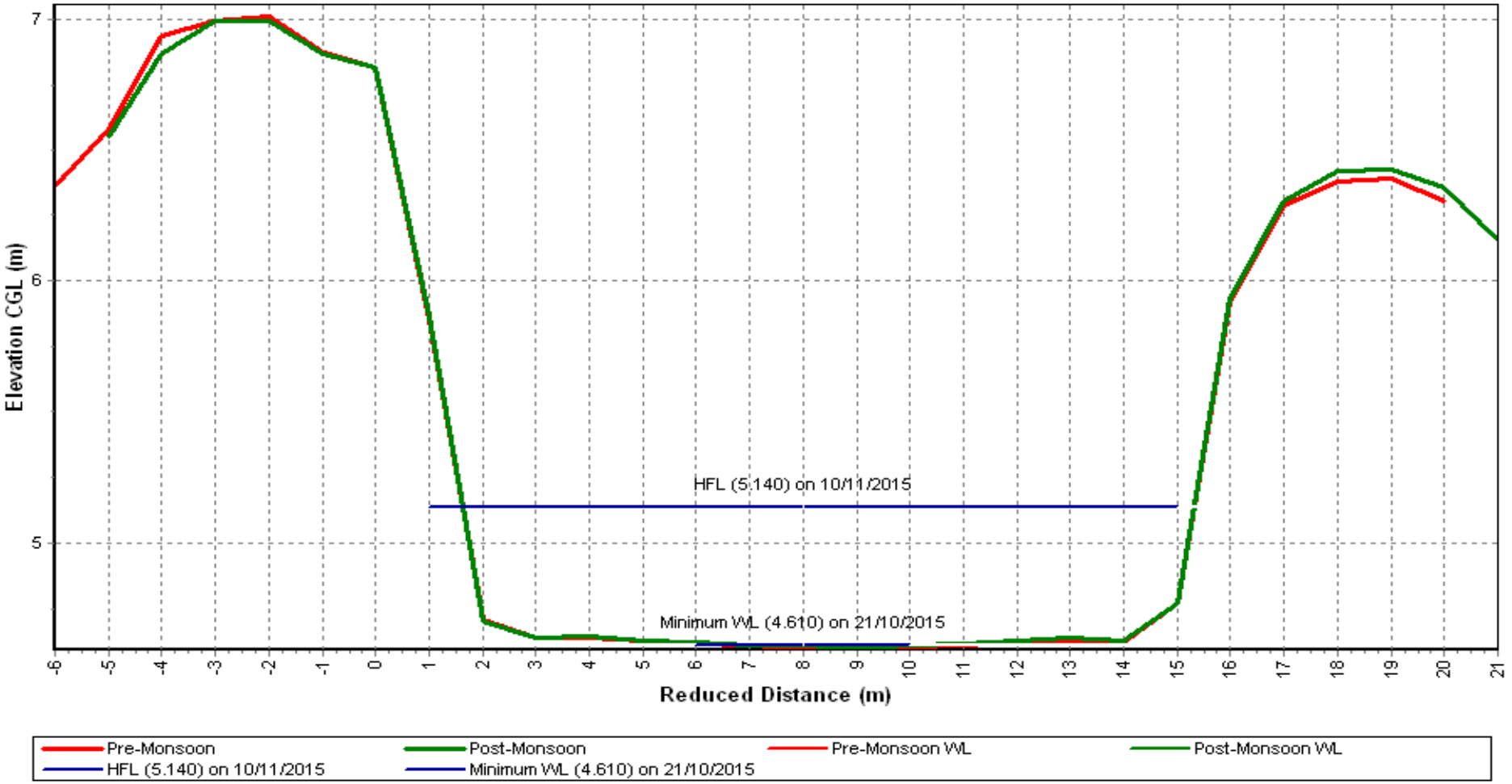
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

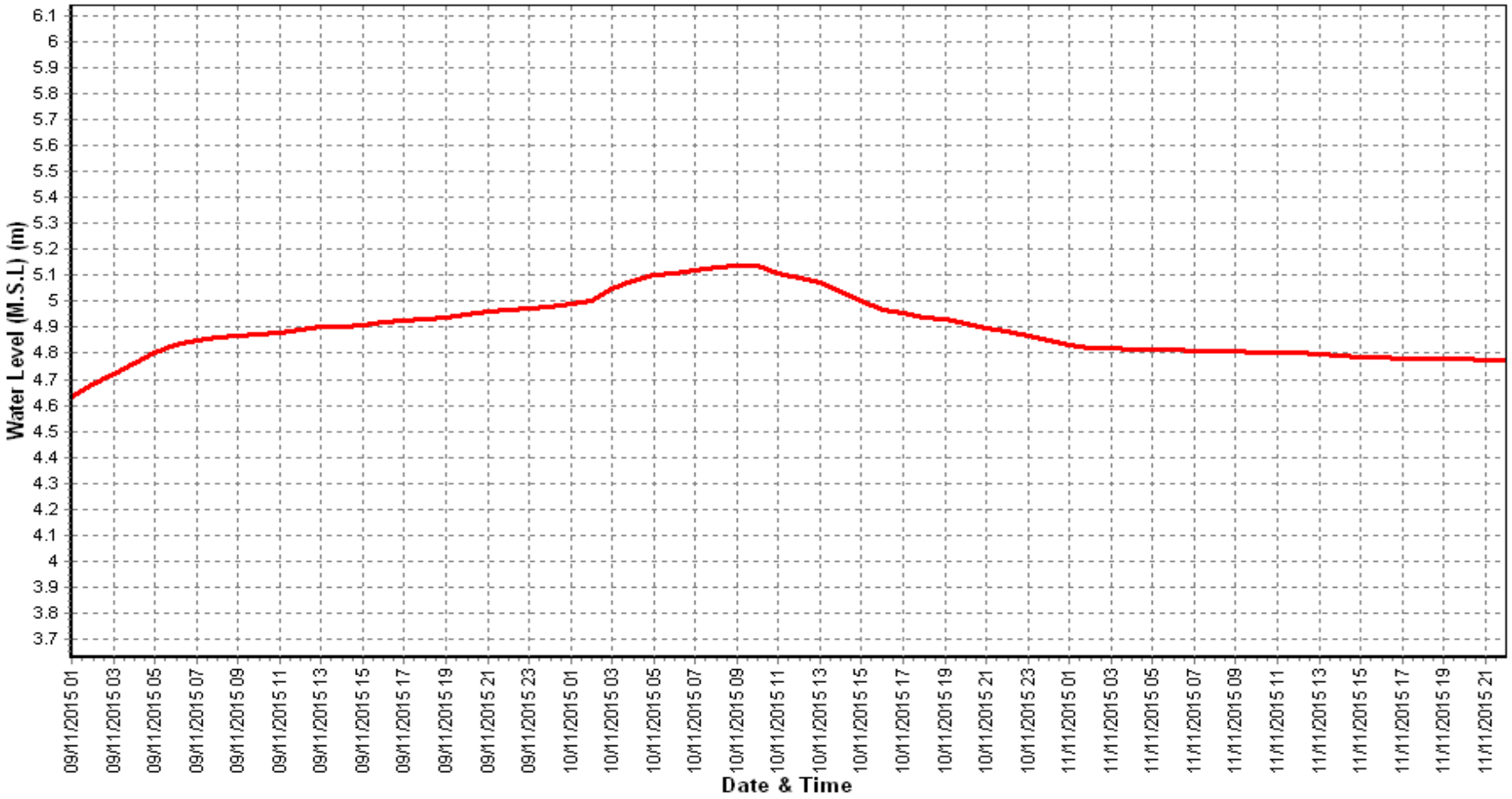
Local River : Nattar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

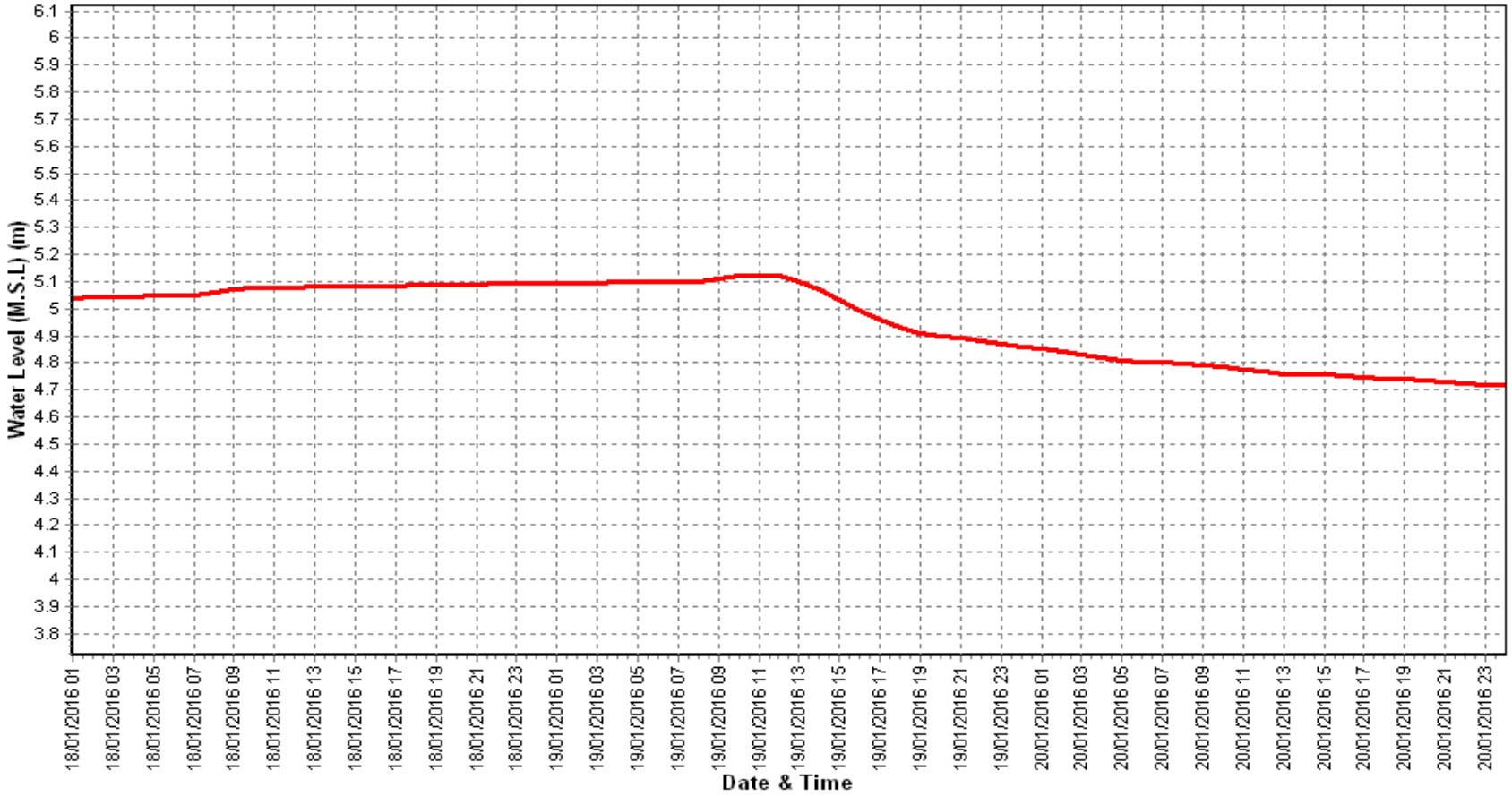


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

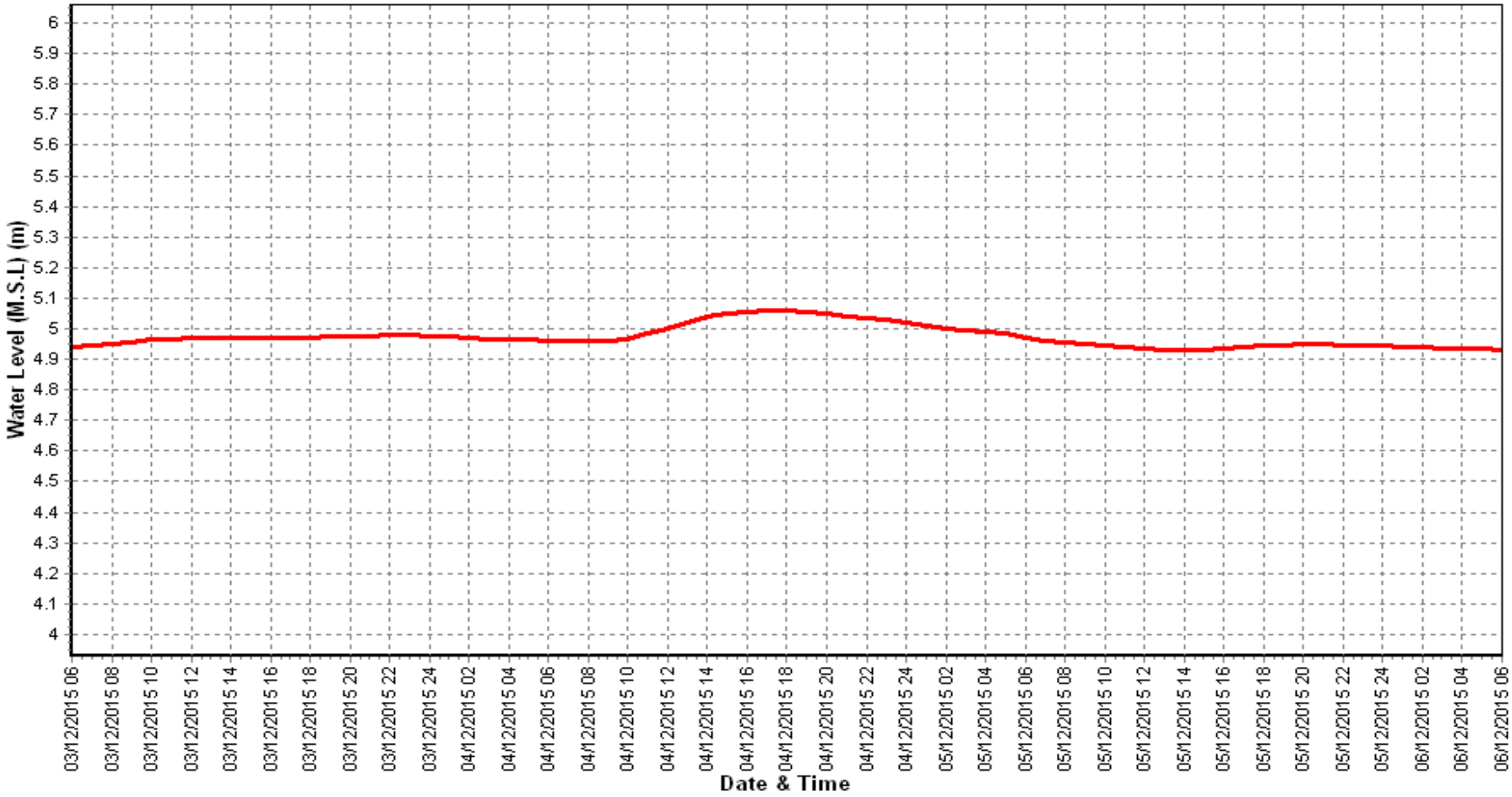


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	2.190	0.067	1.850	0.000		0.000		0.000		0.000	2.230	0.210 *
2	2.190	0.066	1.820	0.000		0.000		0.000		0.000	2.250	0.289
3	2.200	0.085	1.800	0.000		0.000		0.000		0.000	2.325	1.040 #
4	2.170	0.059		0.000		0.000		0.000		0.000	2.720	6.400 #
5	2.180	0.065		0.000		0.000		0.000		0.000	2.558	4.021
6	2.170	0.058		0.000		0.000		0.000		0.000	2.480	0.000
7	2.110	0.000		0.000		0.000		0.000		0.000	2.640	4.432
8	2.090	0.000		0.000		0.000		0.000		0.000	3.620	31.93 *
9	2.100	0.000		0.000		0.000		0.000		0.000	3.985	42.96
10	2.090	0.000		0.000		0.000		0.000		0.000	4.060	50.37 *
11	2.140	0.032		0.000		0.000		0.000		0.000	3.605	33.57
12	2.283	0.309		0.000		0.000		0.000		0.000	2.565	3.814
13	2.510	2.924		0.000		0.000		0.000		0.000	3.380	23.19 #
14	2.400	1.364 *		0.000		0.000		0.000		0.000	2.710	6.807 #
15	2.190	0.113		0.000		0.000		0.000		0.000	2.910	10.91 *
16	2.160	0.050		0.000		0.000		0.000		0.000	3.340	25.76
17	2.120	0.007		0.000		0.000		0.000		0.000	2.980	12.51 #
18	2.090	0.000		0.000		0.000		0.000		0.000	3.010	13.22 #
19	2.140	0.020 #		0.000		0.000		0.000		0.000	3.030	11.11
20	2.200	0.102		0.000		0.000		0.000		0.000	3.000	12.98 #
21	2.180	0.076 *		0.000		0.000		0.000		0.000	3.200	18.08 #
22	2.130	0.013 #		0.000		0.000		0.000	2.070	0.000	3.160	17.01 *
23	2.110	0.000		0.000		0.000		0.000	2.060	0.000	4.445	56.36
24	2.070	0.000		0.000		0.000		0.000	2.030	0.000	4.180	48.70
25	2.030	0.000		0.000		0.000		0.000	2.000	0.000	3.690	33.08 *
26	2.020	0.000		0.000		0.000		0.000	1.950	0.000	2.725	6.336
27	2.000	0.000		0.000		0.000		0.000		0.000	3.375	26.50
28	1.990	0.000		0.000		0.000		0.000		0.000	2.340	1.421
29	1.940	0.000		0.000		0.000		0.000		0.000	2.920	11.13 *
30	1.920	0.000		0.000		0.000		0.000	2.170	0.058 #	3.305	24.44
31				0.000		0.000			2.220	0.152		
Ten-Daily Mean												
I Ten-Daily	2.149	0.040	1.823	0.000		0.000		0.000		0.000	2.887	14.17
II Ten-Daily	2.223	0.492		0.000		0.000		0.000		0.000	3.053	15.39
III Ten-Daily	2.039	0.009		0.000		0.000		0.000	2.071	0.019	3.334	24.31
Monthly												
Min.	1.920	0.000	1.800	0.000		0.000		0.000	1.950	0.000	2.230	0.000
Max.	2.510	2.924	1.850	0.000		0.000		0.000	2.220	0.152	4.445	56.36
Mean	2.137	0.18	1.823	0		0		0	2.071	0.007	3.091	17.95

Annual Runoff in MCM = 97 Annual Runoff in mm =

Peak Observed Discharge = 56.36 cumecs on 23/11/2015 Corres. Water Level :4.445 m

Lowest Observed Discharge = 0.000 cumecs on 07/06/2015 Corres. Water Level :2.11 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 2015 - 2016

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	3.250	23.09	2.190	0.153	2.630	0.000	2.485	0.000	2.015	0.000		0.000
2	3.518	36.58	2.180	0.140	2.530	0.000	2.430	0.000	2.010	0.000		0.000
3	3.915	40.02	2.170	0.112 *	2.480	0.000	2.370	0.000	2.010	0.000		0.000
4	4.095	43.60	2.160	0.116	2.390	0.000	2.310	0.000	2.010	0.000		0.000
5	4.268	49.05	2.160	0.093 #	2.250	0.000	2.250	0.000	2.005	0.000		0.000
6	4.200	46.52 *	2.140	0.047	2.155	0.000	2.185	0.000	2.000	0.000		0.000
7	3.970	42.19	2.150	0.075 #	2.120	0.000	2.160	0.000	2.000	0.000		0.000
8	4.065	40.46	2.170	0.101	2.100	0.000	2.130	0.000	2.000	0.000		0.000
9	4.080	40.87	2.160	0.095	2.100	0.000	2.100	0.000	2.000	0.000		0.000
10	3.755	34.36	2.150	0.075 *	2.100	0.000	2.090	0.000	1.990	0.000		0.000
11	3.330	25.83	2.160	0.109	2.100	0.000	2.080	0.000	1.880	0.000		0.000
12	3.240	21.85	2.170	0.118	2.080	0.000	2.065	0.000	1.860	0.000		0.000
13	3.120	20.65 *	2.150	0.081	2.080	0.000	2.070	0.000	1.860	0.000		0.000
14	3.380	25.94 #	2.140	0.067	2.080	0.000	2.080	0.000	1.840	0.000		0.000
15	3.480	22.92	2.140	0.059 *	2.080	0.000	2.070	0.000	1.840	0.000		0.000
16	3.165	6.001 #	2.400	0.853 #	2.075	0.000	2.060	0.000	1.835	0.000		0.000
17	3.345	7.620	2.760	2.844 *	2.080	0.000	2.070	0.000	1.820	0.000	2.610	1.910 #
18	3.180	6.134 #	3.310	7.332 #	2.090	0.000	2.070	0.000	1.810	0.000	2.560	4.115
19	2.880	0.000	3.130	6.072	2.100	0.000	2.035	0.000		0.000	2.440	2.216
20	2.880	0.000	3.460	8.743	2.115	0.000	2.030	0.000		0.000	2.410	1.487
21	2.960	0.000	3.250	6.769 #	2.200	0.000	2.040	0.000		0.000	2.400	1.338
22	2.810	0.000	3.130	0.000	2.530	1.527	2.040	0.000		0.000	2.400	1.386 *
23	2.610	0.000	2.800	0.000	2.510	0.000	2.030	0.000		0.000	2.380	1.061
24	2.500	0.000	2.780	0.000	2.490	0.000	2.025	0.000		0.000	2.320	0.494
25	2.370	0.000	2.780	0.000	2.480	0.000	2.030	0.000		0.000	2.125	0.000
26	2.290	0.000	2.765	0.000	2.620	0.000	2.030	0.000		0.000	2.130	0.000
27	2.260	0.000	2.720	0.000	2.610	0.000	2.030	0.000		0.000	2.135	0.000
28	2.220	0.000	2.680	0.000	2.590	0.000	2.025	0.000		0.000	2.100	0.000
29	2.200	0.140	2.680	0.000	2.540	0.000	2.025	0.000		0.000	2.080	0.000
30	2.210	0.172	2.670	0.000			2.020	0.000		0.000	2.070	0.000
31	2.200	0.164	2.630	0.000			2.020	0.000			2.080	0.000
Ten-Daily Mean												
I Ten-Daily	3.912	39.67	2.163	0.101	2.286	0.000	2.251	0.000	2.004	0.000		0.000
II Ten-Daily	3.200	13.69	2.582	2.628	2.088	0.000	2.063	0.000	1.843	0.000	2.505	0.973
III Ten-Daily	2.421	0.043	2.808	0.615	2.508	0.170	2.029	0.000		0.000	2.202	0.389
Monthly												
Min.	2.200	0.000	2.140	0.000	2.075	0.000	2.020	0.000	1.810	0.000	2.070	0.000
Max.	4.267	49.05	3.460	8.743	2.630	1.527	2.485	0.000	2.015	0.000	2.610	4.115
Mean	3.153	17.23	2.527	1.099	2.286	0.053	2.111	0	1.932	0	2.283	0.452

Peak Computed Discharge = 50.37 cumecs on 10/11/2015 **Corres. Water Level :4.06 m**

Lowest Computed Discharge = 0.059 cumecs on 15/01/2016 **Corres. Water Level :2.14 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

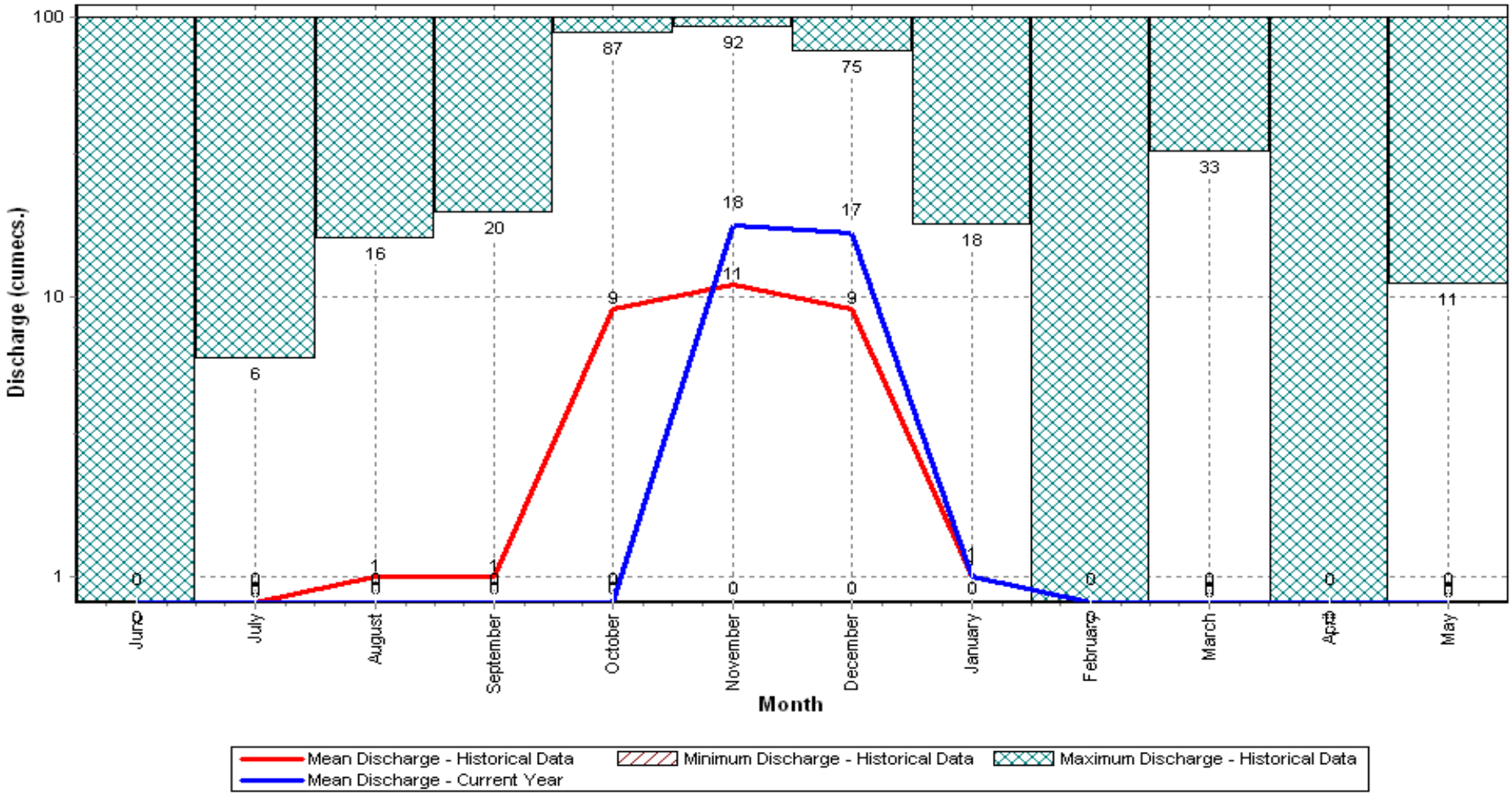
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Nallathur (CCA12G3) | **Data considered : 2006-2016** | **Division : Hydrology Division, Chennai**

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



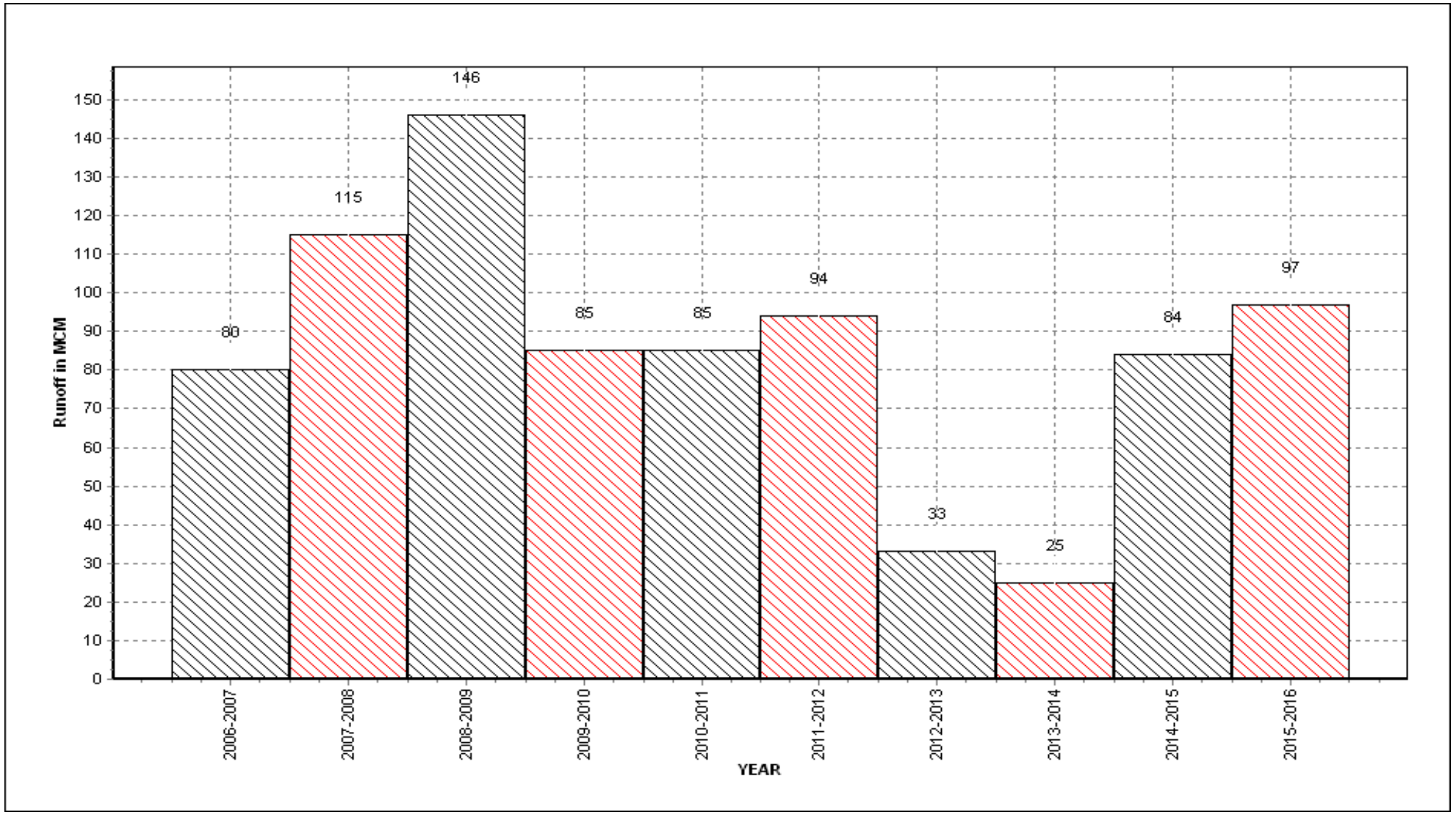
Annual Runoff Values for the period: 2006 - 2016

Station Name : Nallathur (CCA12G3)

Division : Hydrology Division, Chennai

Local River : Nandalar

Sub-Division : Cauvery Delta SD, Karaikal

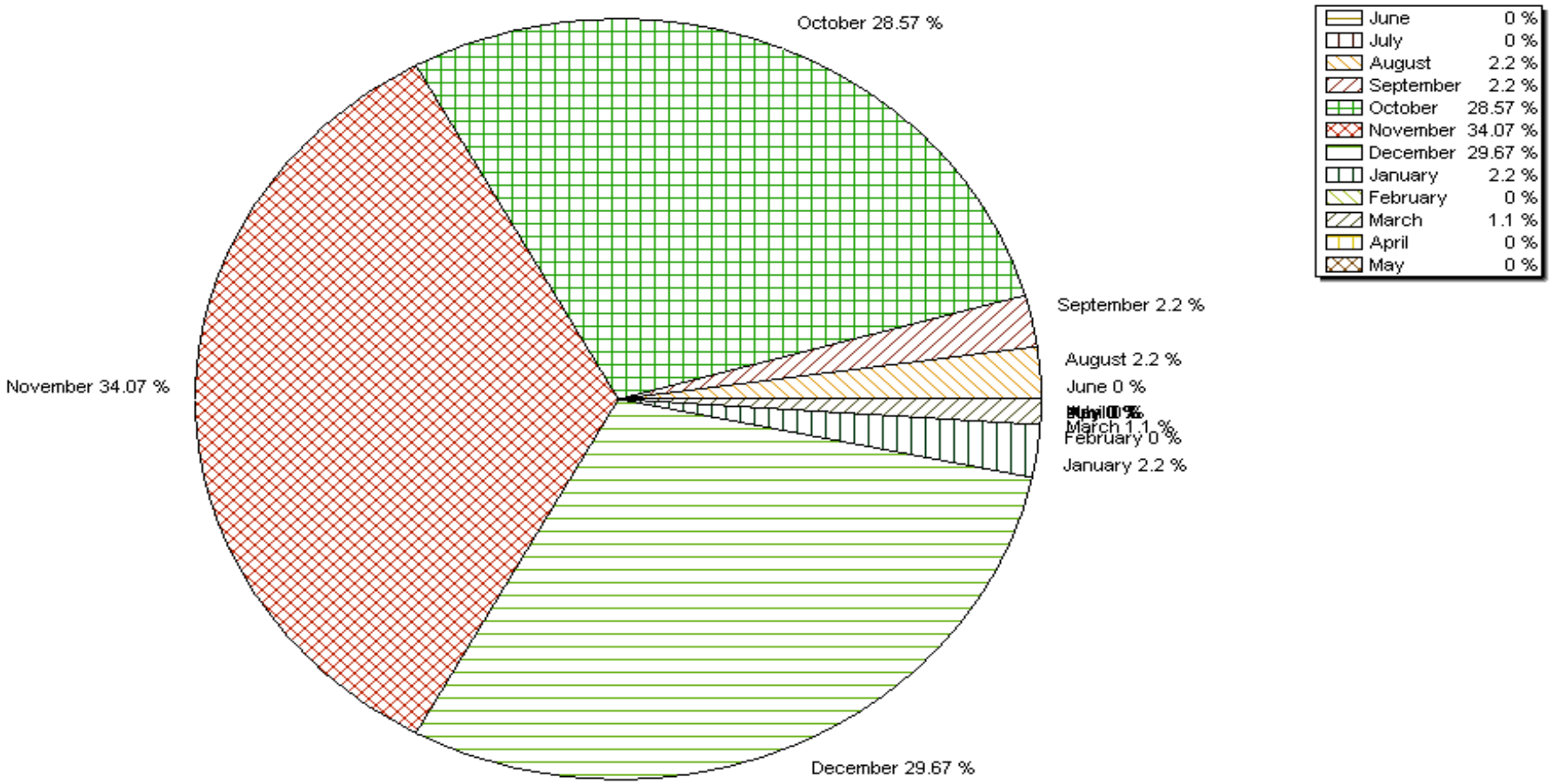


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2006-2015

Station Name : Nallathur (CCA12G3)
Local River : Nandalar

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



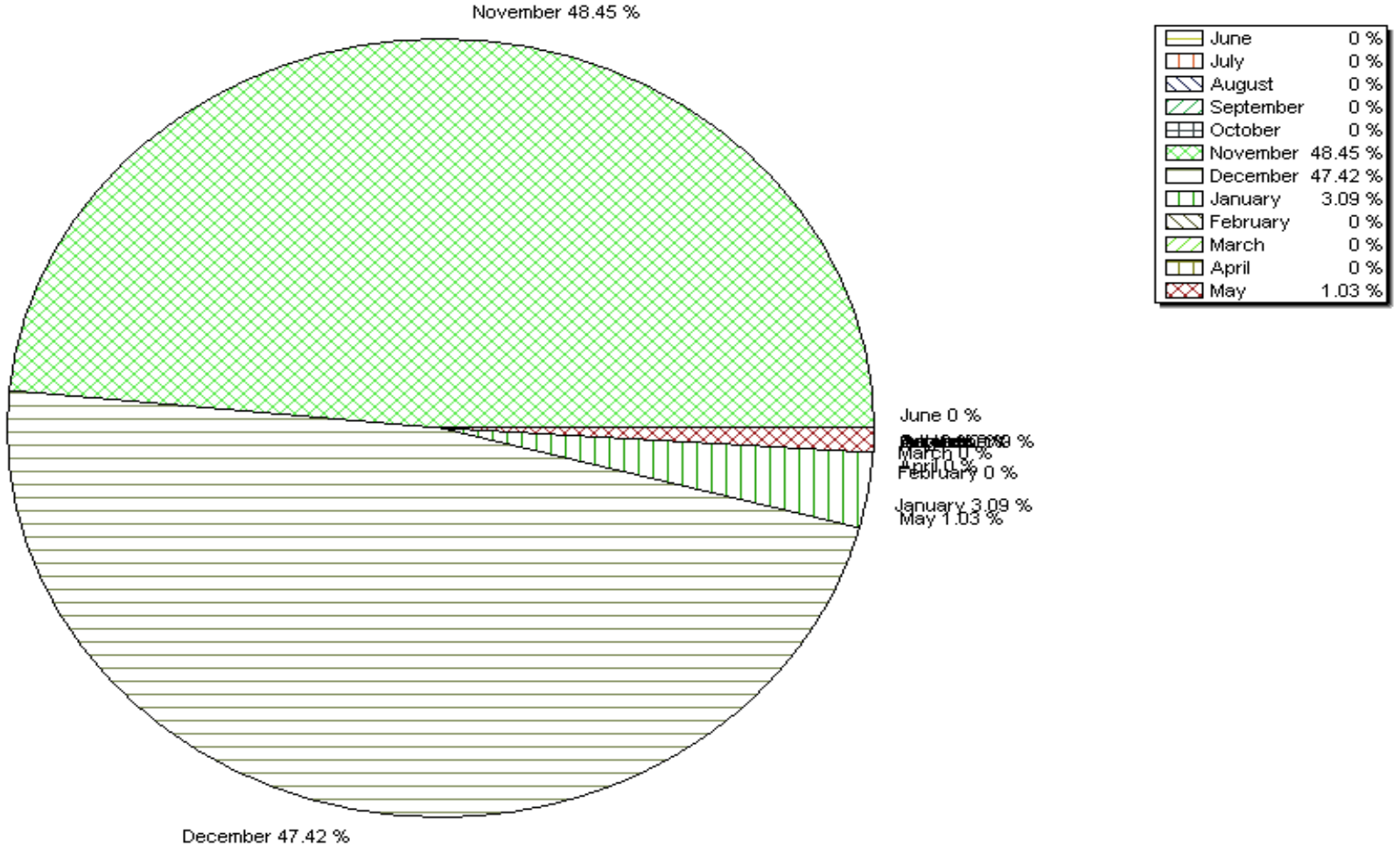
Monthly Runoff for the Year : 2015-2016

Station Name : Nallathur (CCA12G3)

Local River : Nandalar

Division : Hydrology Division, Chennai

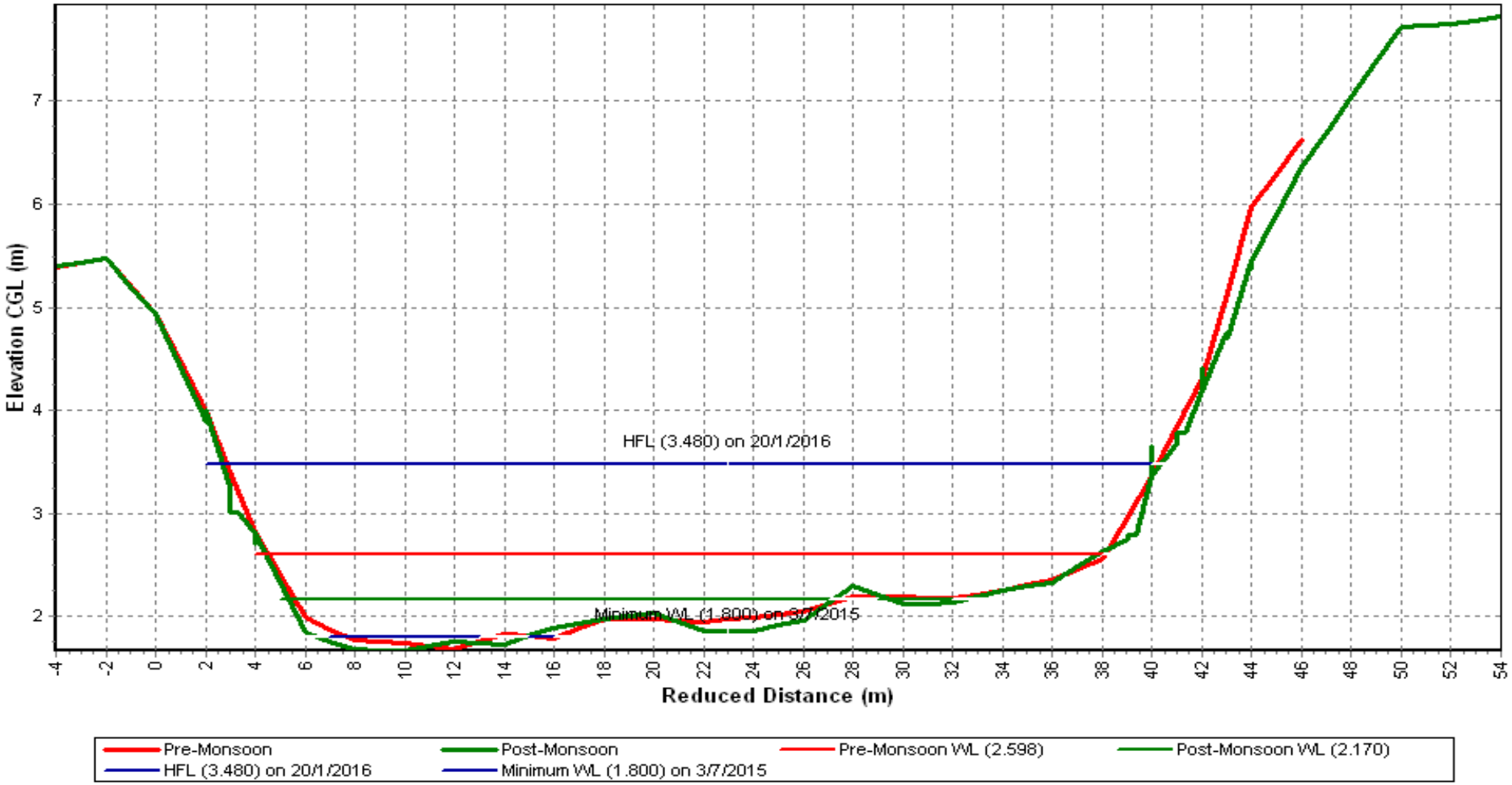
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

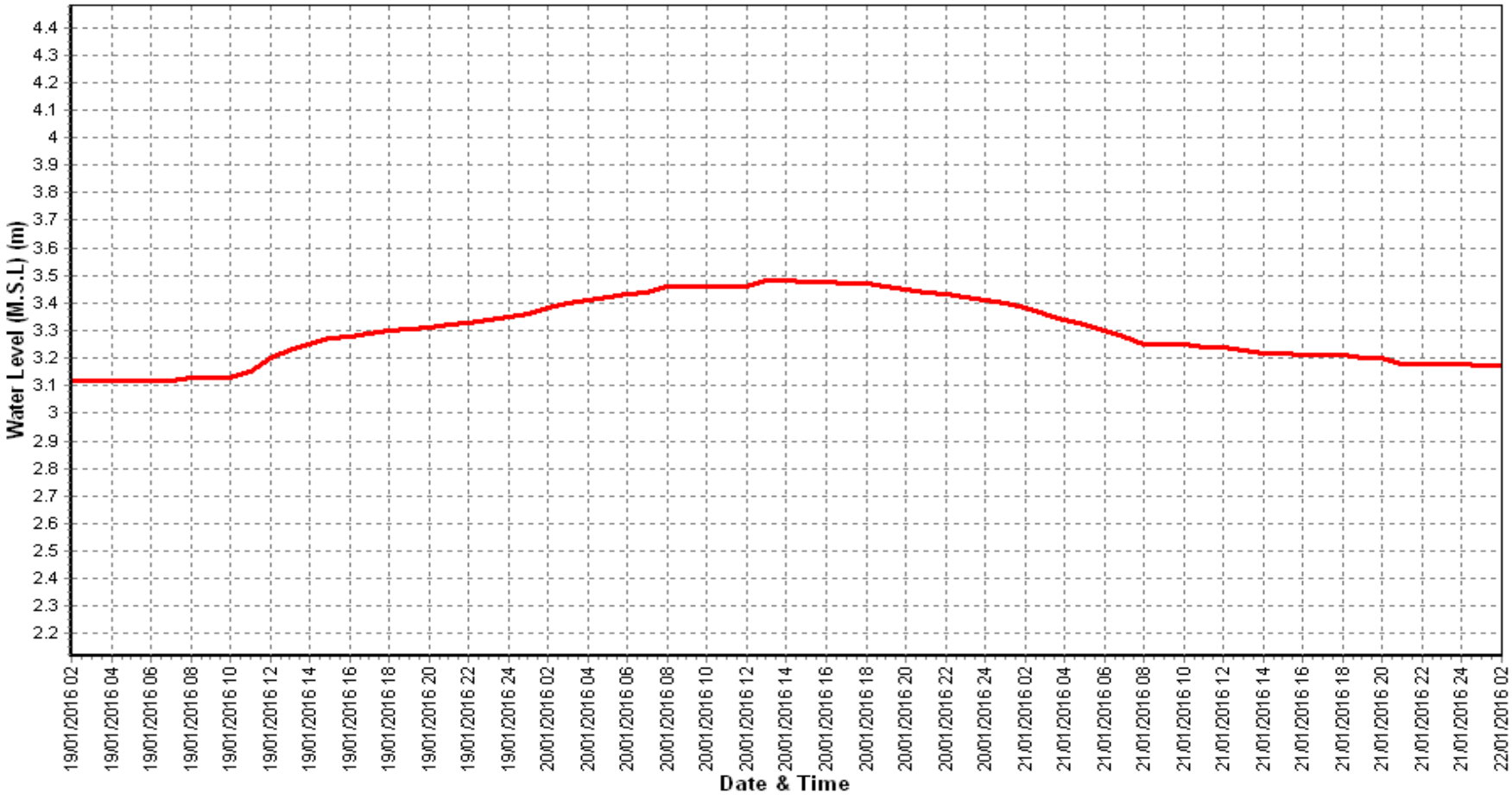
Local River : Nandalar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

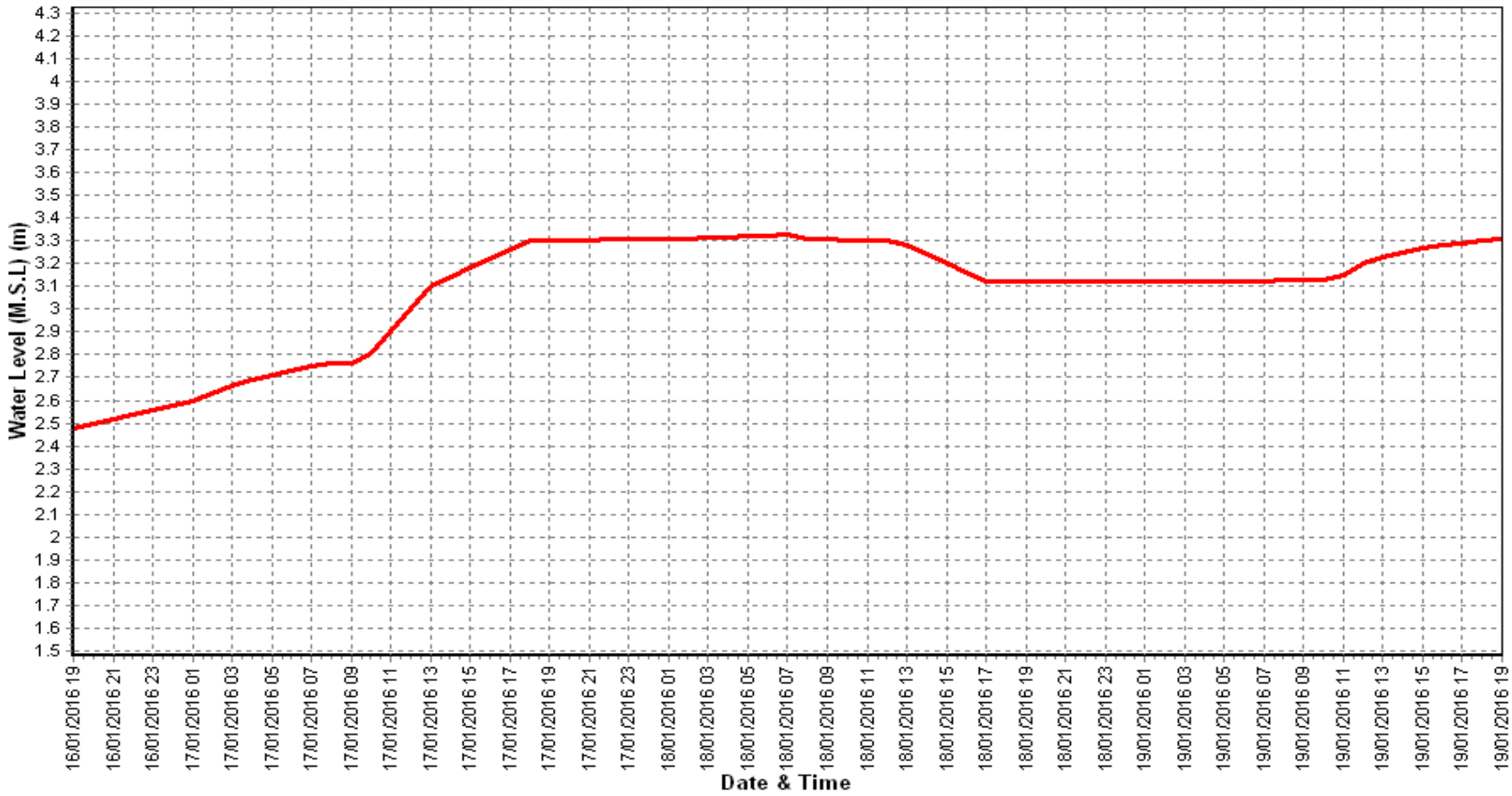


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

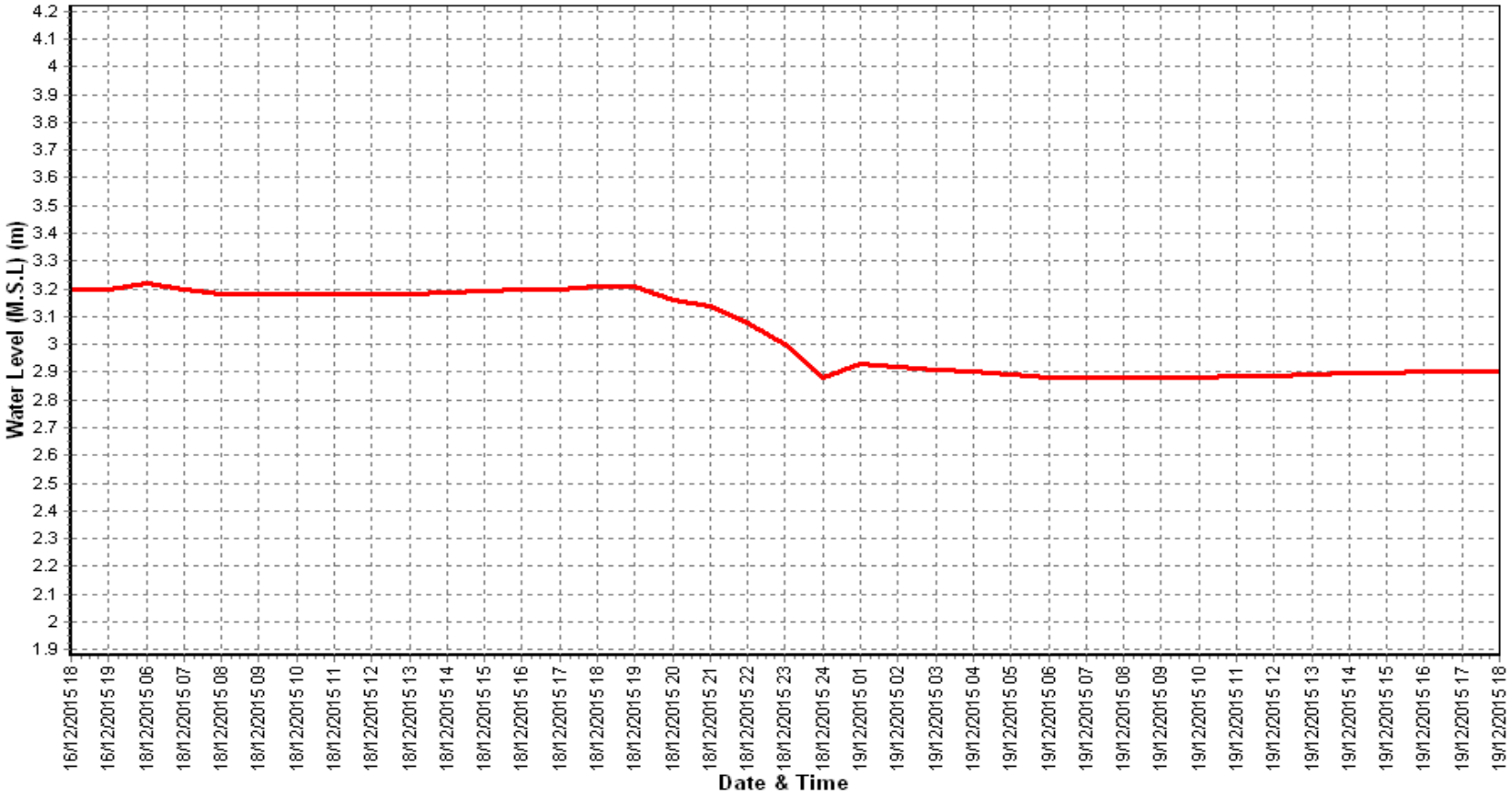


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	5.740	0.000		0.000	5.440	0.000
2		0.000		0.000		0.000	5.560	0.000	6.690	2.499 *	5.380	0.000
3		0.000		0.000		0.000	5.340	0.000	6.980	4.579	5.910	0.481
4		0.000		0.000		0.000		0.000	5.960	0.000	6.200	1.037 #
5		0.000		0.000		0.000	6.050	0.827 #	6.353	1.182	5.600	0.000
6		0.000		0.000		0.000	6.360	2.764 *	6.093	0.737	5.835	0.000
7		0.000		0.000		0.000	6.998	8.757	6.080	0.762 #	6.325	3.920 #
8		0.000		0.000		0.000	6.680	6.733	5.830	0.000	6.500	5.749 *
9		0.000		0.000		0.000	6.545	4.466	5.725	0.000	6.805	11.05
10		0.000		0.000		0.000	6.398	1.604	5.570	0.000	6.650	7.626 *
11		0.000		0.000		0.000	5.700	0.000	5.545	0.000	6.525	6.762
12		0.000		0.000		0.000	5.610	0.000	5.500	0.000	6.510	5.019
13		0.000		0.000		0.000	5.510	0.000	5.480	0.000	6.418	4.389
14		0.000		0.000		0.000	5.410	0.000	5.860	0.000	6.440	4.254
15		0.000		0.000		0.000		0.000	7.078	3.749	6.605	7.032 *
16		0.000		0.000		0.000	5.445	0.000	6.758	2.894	6.540	5.784
17		0.000		0.000		0.000	5.435	0.000	5.615	0.000	6.438	4.930
18		0.000		0.000		0.000	5.275	0.000	5.410	0.000	6.460	4.904
19		0.000		0.000		0.000	6.260	1.188 #	5.350	0.000	6.365	3.826
20		0.000		0.000	6.845	9.302	6.200	1.037 #	5.625	0.000	6.263	2.780
21		0.000		0.000	6.805	9.408	5.590	0.000	5.390	0.000	6.000	1.915
22		0.000		0.000	6.573	4.159	5.620	0.000	5.295	0.000	6.190	2.766 *
23		0.000		0.000	6.220	1.729 *	5.540	0.000		0.000	6.790	10.86
24		0.000		0.000	6.305	2.325 #	5.480	0.000		0.000	6.660	9.238
25		0.000		0.000	6.360	3.024	5.460	0.000		0.000	6.500	5.749 *
26		0.000		0.000	6.040	0.785 #	5.375	0.000		0.000	6.475	5.734
27		0.000		0.000	6.945	10.29 *	5.255	0.000		0.000	6.368	4.888
28		0.000		0.000	5.890	0.000		0.000	5.480	0.000	6.320	3.775
29		0.000		0.000	5.655	0.000		0.000	5.340	0.000	6.160	2.539 *
30		0.000		0.000	5.615	0.000		0.000	5.320	0.000	6.195	2.832
31				0.000	5.900	0.000			5.400	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	6.186	2.515	6.142	0.976	6.065	2.986
II Ten-Daily		0.000		0.000	6.845	0.930	5.649	0.223	5.822	0.664	6.456	4.968
III Ten-Daily		0.000		0.000	6.210	2.884	5.474	0.000	5.371	0.000	6.366	5.030
Monthly												
Min.		0.000		0.000	5.615	0.000	5.255	0.000	5.295	0.000	5.380	0.000
Max.		0.000		0.000	6.945	10.29	6.997	8.757	7.077	4.579	6.805	11.05
Mean		0		0	6.263	1.323	5.793	0.913	5.829	0.529	6.296	4.328

Annual Runoff in MCM = 34 Annual Runoff in mm =

Peak Observed Discharge = 12.89 cumecs on 03/12/2015 Corres. Water Level :6.78 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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	6.435	4.528	5.970	0.000	6.275	0.000	5.500	0.000		0.000		0.000
2	6.500	5.453 #	5.780	0.000	6.395	0.000	5.470	0.000		0.000		0.000
3	6.780	12.89	5.795	0.000	6.550	0.000	5.450	0.000		0.000		0.000
4	6.790	11.17	5.825	0.000	6.775	0.000	5.450	0.000		0.000		0.000
5	6.828	12.81	6.000	0.000	6.350	0.000	5.440	0.000		0.000		0.000
6	6.720	9.751 *	5.815	0.000	6.125	0.000	5.440	0.000		0.000		0.000
7	6.585	5.876	5.650	0.000	6.000	0.000	5.430	0.000		0.000		0.000
8	6.750	10.33	5.480	0.000	6.250	0.000	5.425	0.000		0.000		0.000
9	6.710	10.34	5.500	0.000	6.275	0.000	5.430	0.000		0.000		0.000
10	6.575	8.462	5.620	0.000	6.395	0.000	5.400	0.000		0.000		0.000
11	6.490	5.288 #	5.685	0.000	6.900	7.720 #	5.360	0.000		0.000		0.000
12	6.440	4.506 #	5.950	0.000	6.380	3.298	5.325	0.000		0.000		0.000
13	6.385	3.722 *	5.725	0.000	6.260	0.000	5.310	0.000		0.000		0.000
14	6.595	5.393	6.065	0.000	6.500	3.850 *	5.300	0.000		0.000		0.000
15	6.628	6.709	6.175	0.000	6.370	2.840 #		0.000		0.000		0.000
16	6.430	4.841	6.225	0.000	6.870	7.391 #		0.000		0.000		0.000
17	6.345	3.253	6.470	0.000	6.445	2.878		0.000		0.000		0.000
18	6.150	0.000	6.875	3.401	6.660	5.264 #		0.000		0.000	5.350	0.000
19	6.440	0.000	6.450	1.940	5.918	0.411		0.000		0.000	5.250	0.000
20	6.515	0.000	6.873	3.477	6.490	0.000		0.000		0.000	5.500	0.000
21	6.235	0.000	6.490	1.822 #	6.230	0.000		0.000		0.000	5.990	0.000
22	6.000	0.000	6.480	1.785 #	6.430	0.000		0.000		0.000	5.970	0.000
23	6.200	0.000	6.310	0.000	6.050	0.000		0.000		0.000	5.400	0.000
24	5.970	0.000	6.700	2.667 *	5.925	0.000		0.000		0.000	5.570	0.000
25	5.945	0.000	5.780	0.000	5.850	0.000		0.000		0.000	5.350	0.000
26	5.940	0.000	6.480	1.785 *	5.800	0.000		0.000		0.000	5.280	0.000
27	6.000	0.000	6.360	1.378 #	5.795	0.000		0.000		0.000		0.000
28	6.230	0.000	6.370	1.255	5.795	0.000		0.000		0.000		0.000
29	5.970	0.000	6.605	4.984	5.795	0.000		0.000		0.000		0.000
30	5.780	0.000	6.520	0.000				0.000		0.000		0.000
31	5.960	0.000	6.530	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	6.667	9.161	5.743	0.000	6.339	0.000	5.444	0.000		0.000		0.000
II Ten-Daily	6.442	3.371	6.249	0.882	6.479	3.365	5.324	0.000		0.000	5.367	0.000
III Ten-Daily	6.021	0.000	6.420	1.425	5.963	0.000		0.000		0.000	5.593	0.000
Monthly												
Min.	5.780	0.000	5.480	0.000	5.795	0.000	5.300	0.000		0.000	5.250	0.000
Max.	6.827	12.89	6.875	4.984	6.900	7.720	5.500	0.000		0.000	5.990	0.000
Mean	6.365	4.043	6.147	0.79	6.271	1.16	5.409	0		0	5.518	0

Peak Computed Discharge = 10.29 cumecs on 27/08/2015 **Corres. Water Level :6.945 m**

Lowest Computed Discharge = 1.729 cumecs on 23/08/2015 **Corres. Water Level :6.22 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

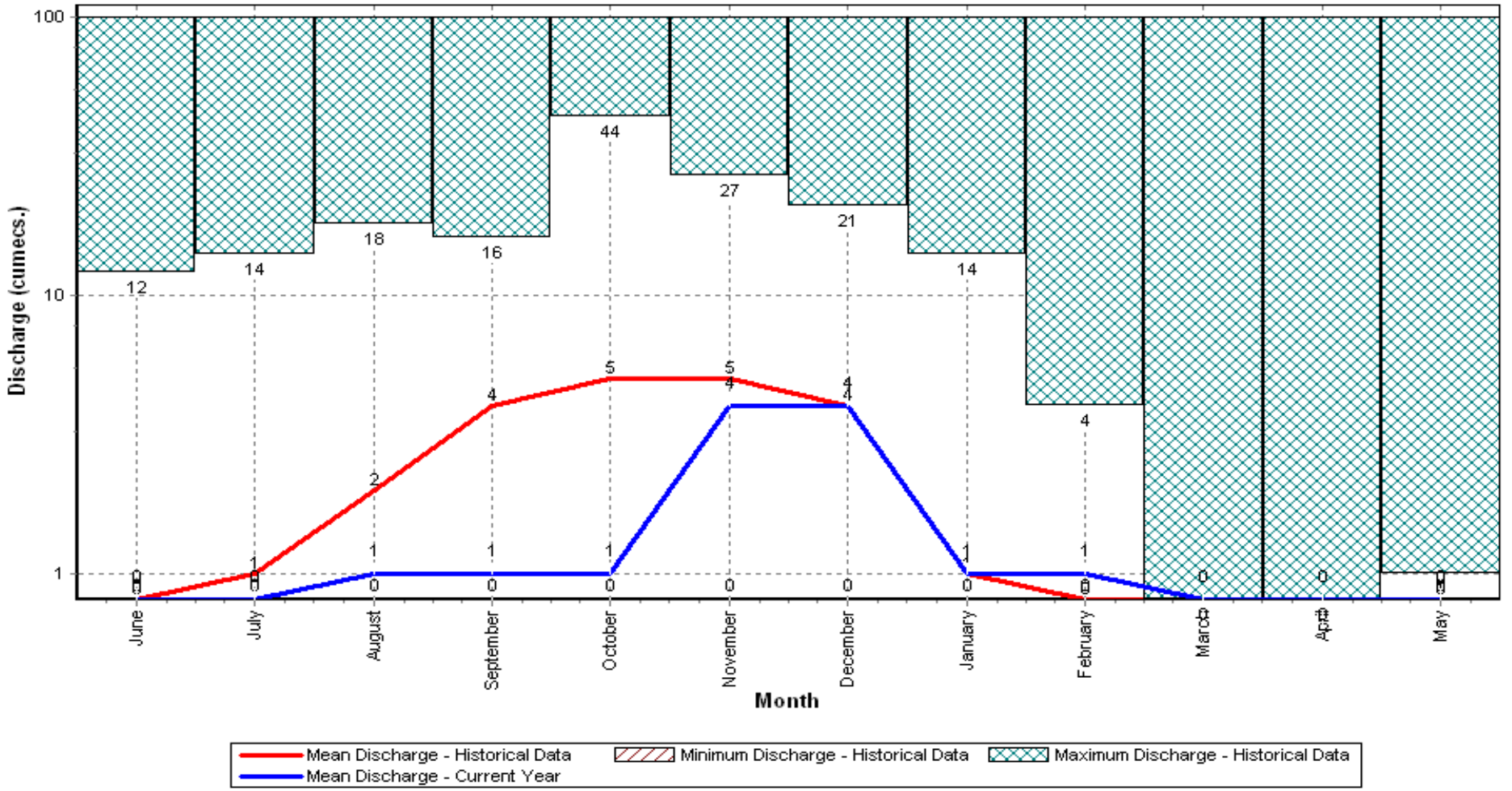
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Menangudi (CCA23N4) | **Data considered : 1997-2016** | **Division : Hydrology Division, Chennai**

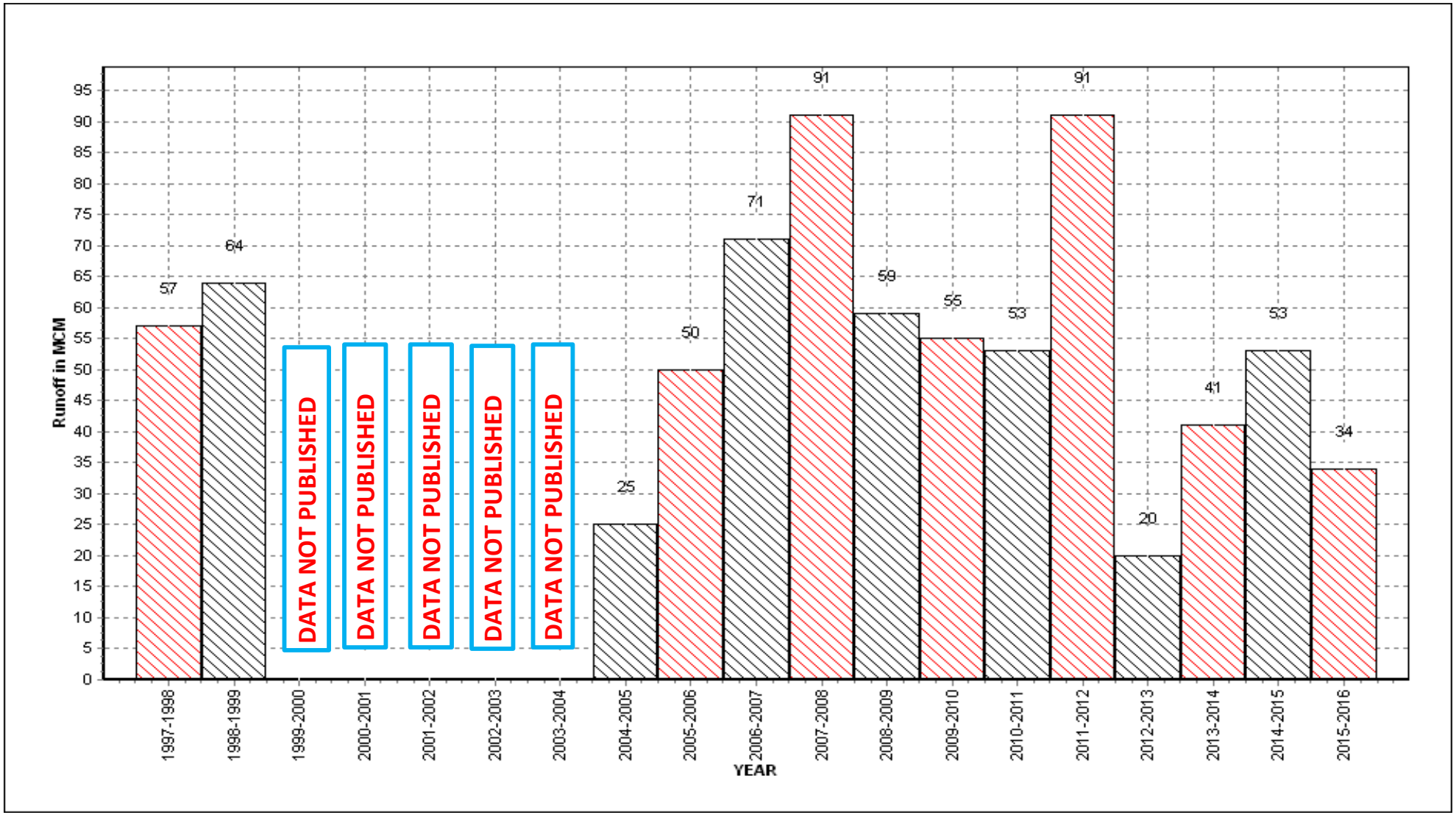
Local River : Noolar | **Sub-Division : Cauvery Delta SD, Karaikal**


Discharge (cumecs.)
100
10
1
12
14
18
16
44
27
21
14
4
0
0
1
2
4
5
5
4
1
0
0
0

Annual Runoff Values for the period: 1997 - 2016

Station Name : Menangudi (CCA23N4)
Local River : Noolar

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

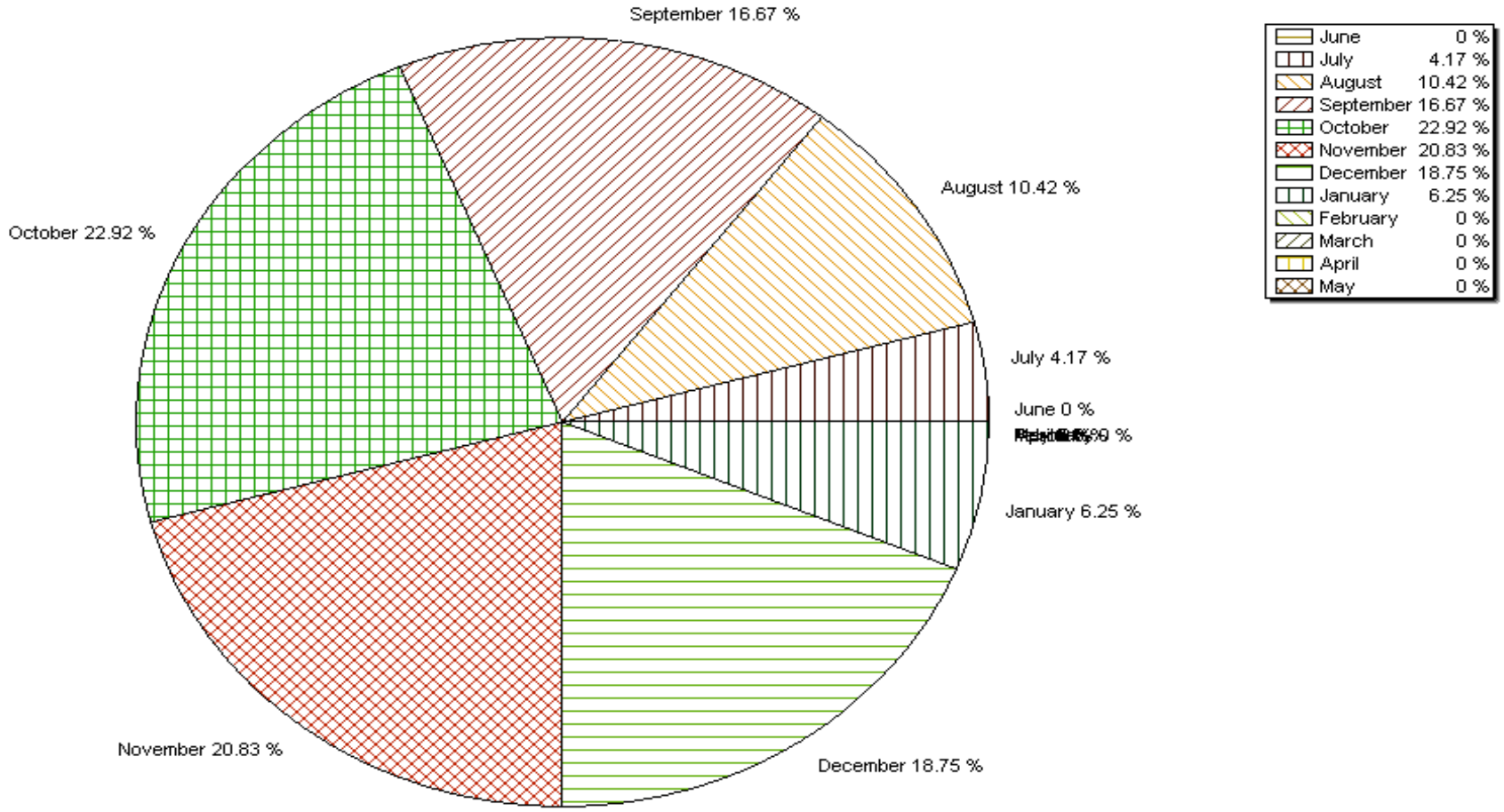


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1997-2015

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

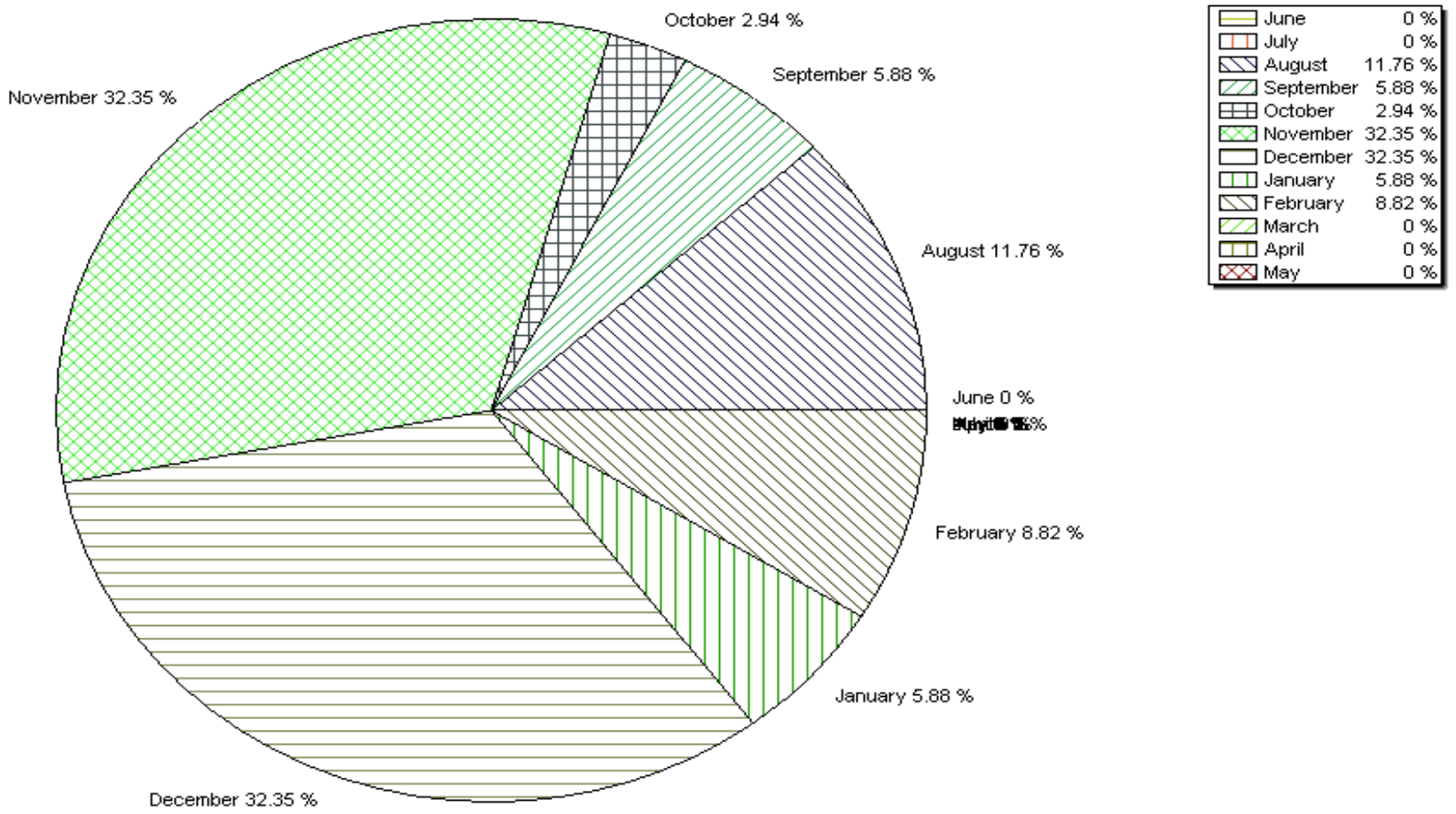
Local River : Noolar **Sub-Division : Cauvery Delta SD, Karaikal**



Monthly Runoff for the Year : 2015-2016

Station Name : Menangudi (CCA23N4)
Local River : Noolar

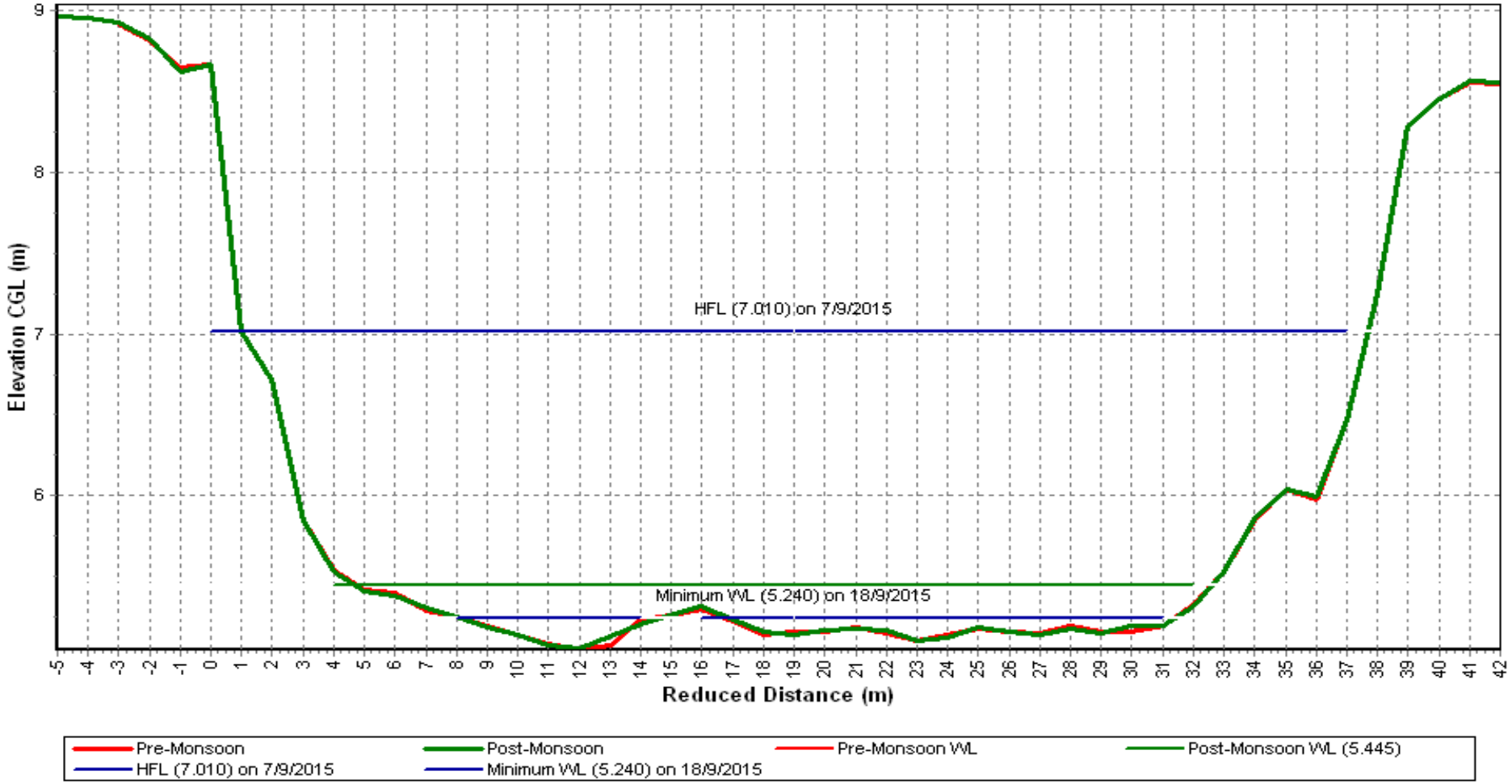
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

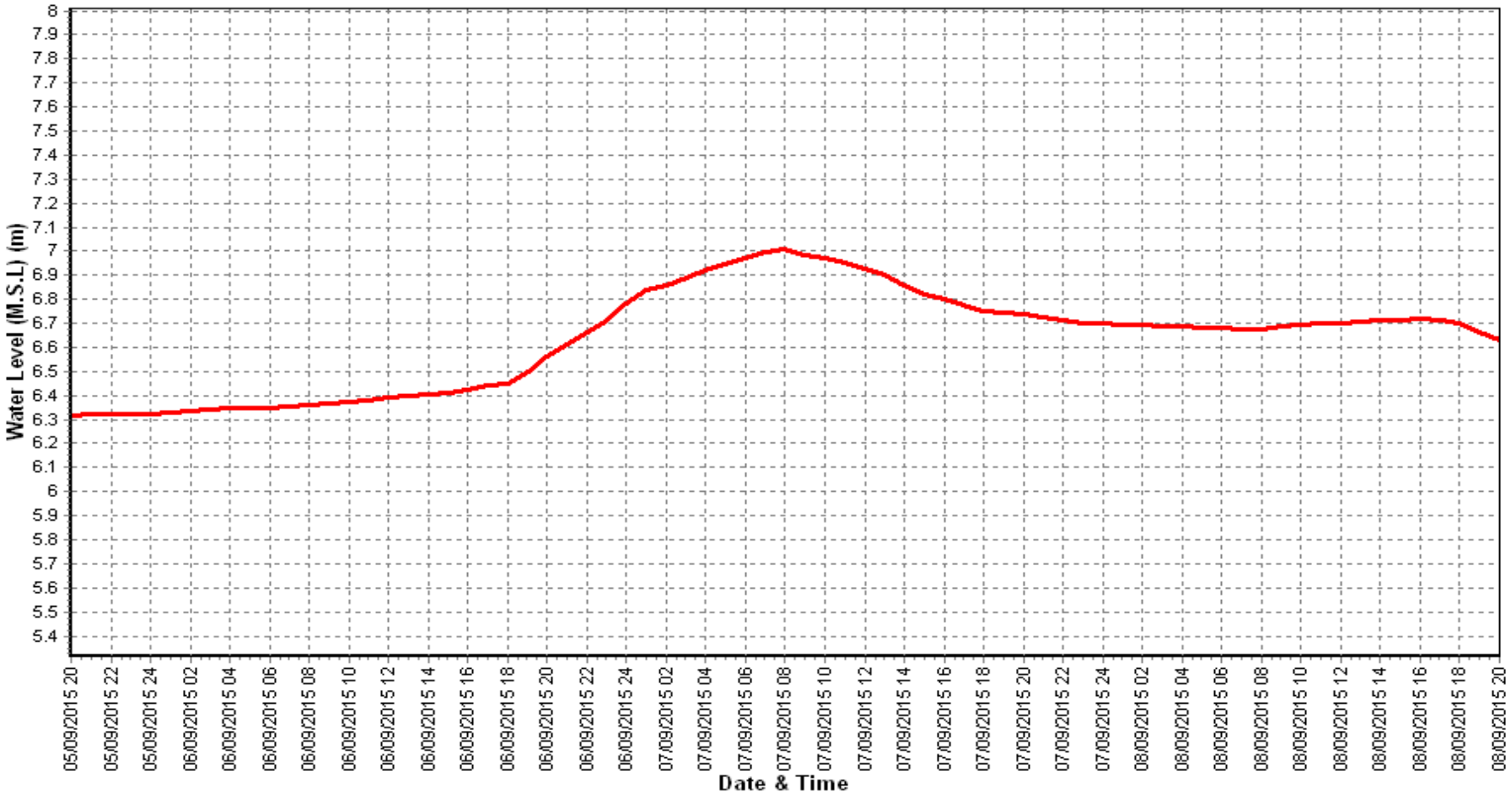
Local River : Noolar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

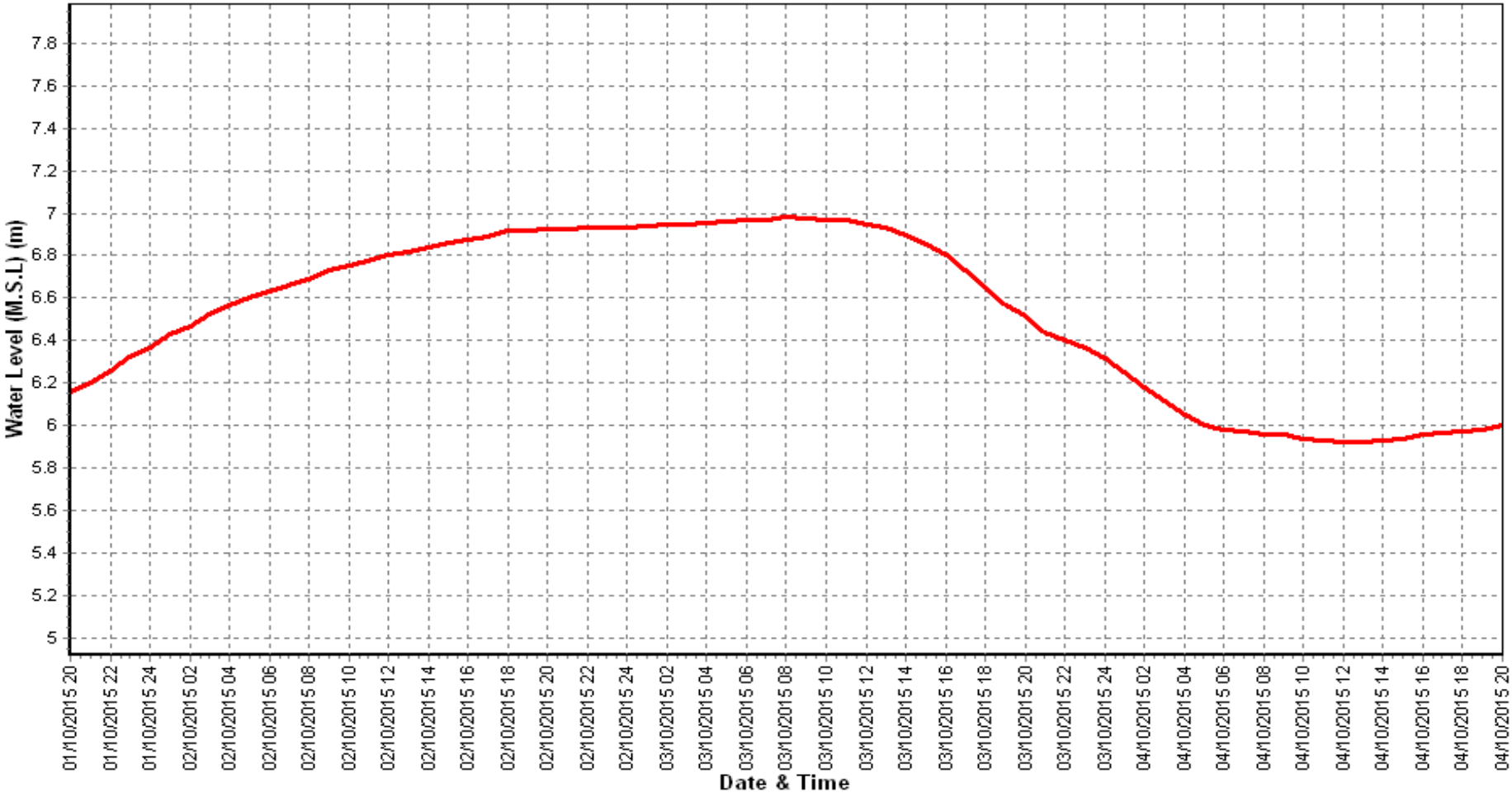


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

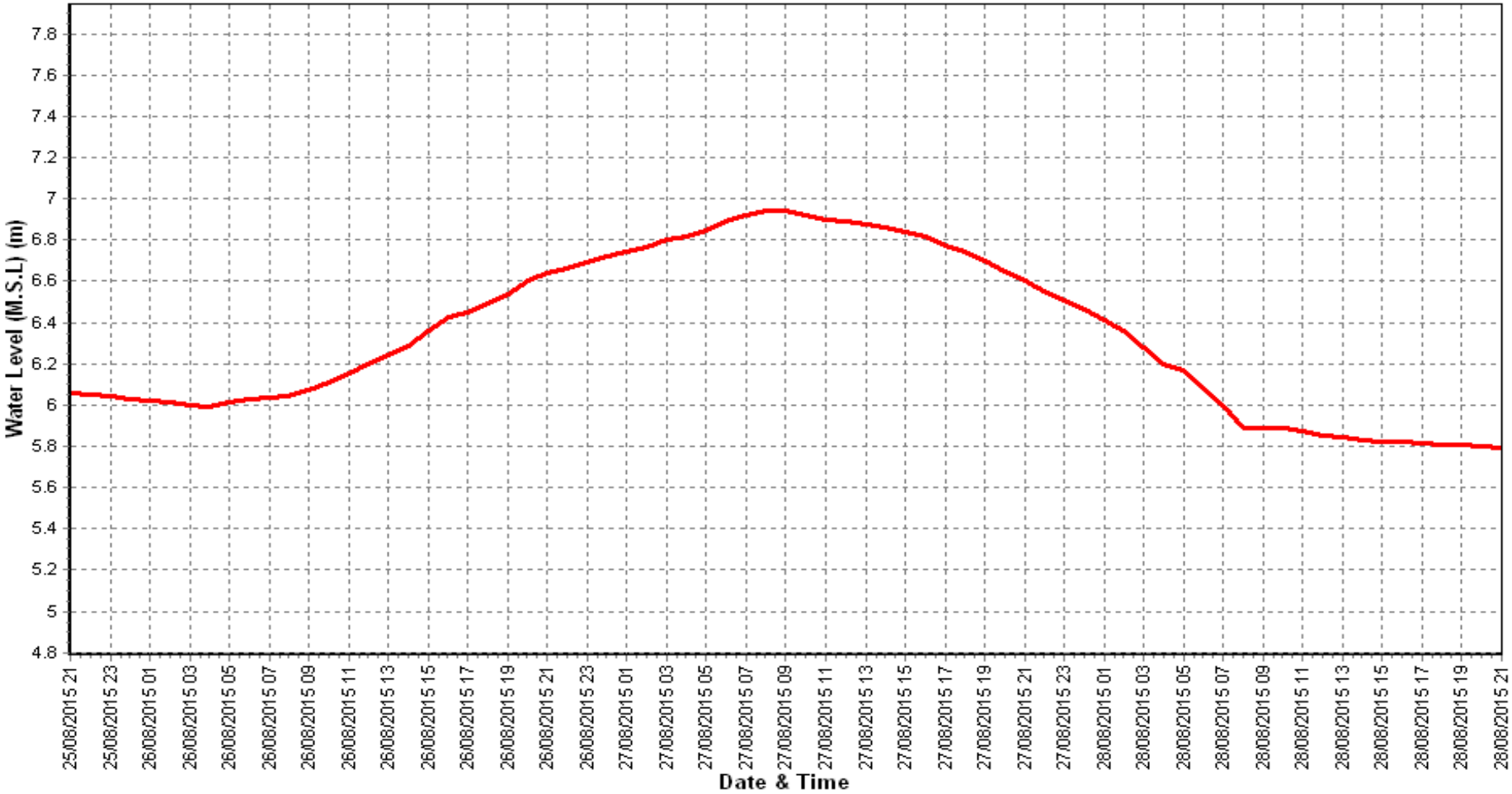


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	2.370	0.000	2.285	0.000		0.000	2.330	0.000	2.255	0.000	3.075	0.000
2	2.350	0.000	2.280	0.000		0.000		0.000	2.280	0.000	3.090	0.000
3	2.340	0.000	2.275	0.000		0.000		0.000	2.460	0.175 #	3.760	0.000
4	2.345	0.000	2.270	0.000		0.000		0.000	2.415	0.052	3.695	0.000
5	2.350	0.000	2.260	0.000		0.000		0.000	2.680	1.149 #	3.730	0.000
6	2.340	0.000	2.245	0.000		0.000		0.000	2.675	1.120 #	3.740	0.000
7	2.330	0.000		0.000		0.000		0.000	3.350	5.429 #	3.660	0.000
8	2.335	0.000		0.000		0.000	2.770	1.377	3.375	0.000	3.715	0.000
9	2.325	0.000		0.000		0.000	2.430	0.114	3.310	0.000	4.325	26.32 #
10	2.325	0.000		0.000		0.000	2.695	1.442	3.250	0.000	4.930	44.80 *
11	2.335	0.000		0.000		0.000	2.625	0.000	3.210	0.000	4.335	27.43
12	2.320	0.000		0.000		0.000	2.615	0.000	3.140	0.000	4.205	22.86
13	2.315	0.000		0.000		0.000	2.575	0.000	3.090	0.000	3.770	14.48
14	2.310	0.000		0.000		0.000	2.535	0.000	3.020	0.000	3.860	14.72
15	2.305	0.000		0.000		0.000	2.490	0.000	3.055	1.498	3.715	11.81 *
16	2.300	0.000		0.000		0.000	2.445	0.000	3.165	2.970 #	4.180	19.20
17	2.300	0.000		0.000		0.000	2.405	0.000	3.180	0.000	4.163	19.86
18	2.300	0.000		0.000		0.000	2.375	0.000	3.150	0.000	3.750	12.57
19	2.305	0.000		0.000		0.000	2.335	0.000	3.190	0.000	3.460	7.150 #
20	2.300	0.000		0.000		0.000	2.310	0.000	3.190	0.000	3.390	5.657
21	2.300	0.000		0.000		0.000	2.290	0.000	3.160	0.000	3.345	5.355 #
22	2.295	0.000		0.000		0.000	2.270	0.000	3.110	0.000	3.725	12.01 *
23	2.295	0.000		0.000		0.000	2.270	0.000	3.070	0.000	4.528	30.65
24	2.290	0.000		0.000	3.525	8.736	2.270	0.000	3.030	0.000	4.495	29.38
25	2.290	0.000		0.000	2.500	0.000	2.270	0.000	3.005	0.000	4.085	20.09 *
26	2.290	0.000		0.000	2.445	0.000	2.270	0.000	2.970	0.000	3.818	16.54
27	2.290	0.000		0.000	2.420	0.000	2.260	0.000	2.940	0.000	3.460	9.089
28	2.285	0.000		0.000	2.420	0.000	2.260	0.000	2.905	0.000	3.380	6.495
29	2.285	0.000		0.000	2.405	0.000	2.255	0.000	2.880	0.000	3.620	9.970 *
30	2.285	0.000		0.000	2.380	0.000	2.245	0.000	2.880	0.000	3.380	5.721
31				0.000	2.345	0.000			2.920	0.000		
Ten-Daily Mean												
I Ten-Daily	2.341	0.000	2.269	0.000		0.000	2.556	0.293	2.805	0.792	3.772	7.112
II Ten-Daily	2.309	0.000		0.000		0.000	2.471	0.000	3.139	0.447	3.883	15.57
III Ten-Daily	2.290	0.000		0.000	2.555	0.794	2.266	0.000	2.988	0.000	3.783	14.53
Monthly												
Min.	2.285	0.000	2.245	0.000	2.345	0.000	2.245	0.000	2.255	0.000	3.075	0.000
Max.	2.370	0.000	2.285	0.000	3.525	8.736	2.770	1.442	3.375	5.429	4.930	44.80
Mean	2.313	0	2.269	0	2.555	0.282	2.400	0.098	2.978	0.4	3.813	12.41

Annual Runoff in MCM = 77 Annual Runoff in mm =

Peak Observed Discharge = 38.91 cumecs on 09/12/2015 Corres. Water Level :4.985 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :2.37 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 2015 - 2016

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	4.000	15.16 #	3.285	0.000	3.690	0.000	3.780	0.000	2.870	0.000	2.270	0.000
2	4.440	27.62	3.230	0.000	3.670	0.000	3.775	0.000	2.850	0.000	2.260	0.000
3	4.493	28.00	3.220	0.000	3.650	0.000	3.765	0.000	2.830	0.000	2.250	0.000
4	4.640	32.13	3.195	0.000	3.615	0.000	3.730	0.000	2.800	0.000	2.245	0.000
5	4.905	35.39	3.175	0.000	3.600	0.000	3.645	0.000	2.780	0.000	2.235	0.000
6	4.830	34.69 *	3.165	0.000	3.580	0.000	3.575	0.000	2.760	0.000	2.225	0.000
7	4.630	28.47	3.435	0.000	3.560	0.000	3.500	0.000	2.740	0.000	2.215	0.000
8	5.050	35.54	3.425	0.000	3.545	0.000	3.465	0.000	2.720	0.000	2.205	0.000
9	4.985	38.91	3.415	0.000	3.610	0.000	3.405	0.000	2.710	0.000	2.195	0.000
10	4.745	32.20	3.410	0.000	3.620	0.000	3.335	0.000	2.680	0.000	2.180	0.000
11	4.475	28.86	3.380	0.000	3.760	0.000	3.310	0.000	2.660	0.000		0.000
12	4.235	23.10	3.400	0.000	4.160	8.443 #	3.270	0.000	2.640	0.000		0.000
13	3.940	14.04 *	3.405	0.000	3.980	6.387	3.240	0.000	2.620	0.000		0.000
14	3.480	6.808 #	3.460	0.000	3.980	6.413 *	3.235	0.000	2.600	0.000		0.000
15	3.370	5.076	3.460	0.000	3.645	3.364	3.220	0.000	2.580	0.000		0.000
16	3.275	4.262	3.465	0.000	4.150	7.639	3.200	0.000	2.560	0.000	2.455	0.000
17	3.345	4.920	3.510	0.000	3.910	5.678 #	3.180	0.000	2.520	0.000	3.550	0.000
18	3.370	0.000	3.990	0.000	3.805	4.638 #	3.150	0.000	2.460	0.000	3.755	0.000
19	3.450	0.000	3.730	3.941 #	3.350	0.000	3.135	0.000	2.425	0.000	3.885	0.000
20	3.520	0.000	3.760	4.215 #	3.490	0.000	3.110	0.000	2.410	0.000	4.410	0.000
21	3.585	0.000	3.595	0.000	3.990	0.000	3.090	0.000	2.395	0.000	4.430	0.000
22	3.555	0.000	3.840	0.000	4.008	5.325	3.075	0.000	2.385	0.000	4.800	0.000
23	3.515	0.000	3.675	0.000	3.895	5.525 #	3.050	0.000	2.375	0.000	4.790	0.000
24	3.495	0.000	3.680	0.000	4.170	10.01	3.035	0.000	2.365	0.000	4.720	0.000
25	3.465	0.000	3.665	0.000	4.045	7.123 #	3.010	0.000	2.350	0.000	4.660	0.000
26	3.430	0.000	3.670	0.000	3.630	0.000	2.990	0.000	2.345	0.000	4.590	0.000
27	3.395	0.000	4.010	6.737 #	3.990	0.000	2.970	0.000	2.335	0.000	4.530	0.000
28	3.370	0.000	3.995	0.000	3.890	0.000	2.955	0.000	2.310	0.000	4.480	0.000
29	3.350	0.000	4.100	8.699	3.815	0.000	2.940	0.000	2.290	0.000	4.440	0.000
30	3.340	0.000	3.730	3.941 #			2.915	0.000	2.280	0.000	4.390	0.000
31	3.320	0.000	3.690	0.000			2.890	0.000			4.340	0.000
Ten-Daily Mean												
I Ten-Daily	4.672	30.81	3.295	0.000	3.614	0.000	3.598	0.000	2.774	0.000	2.228	0.000
II Ten-Daily	3.646	8.707	3.556	0.816	3.823	4.256	3.205	0.000	2.547	0.000	3.611	0.000
III Ten-Daily	3.438	0.000	3.786	1.762	3.937	3.109	2.993	0.000	2.343	0.000	4.561	0.000
Monthly												
Min.	3.275	0.000	3.165	0.000	3.350	0.000	2.890	0.000	2.280	0.000	2.180	0.000
Max.	5.050	38.91	4.100	8.699	4.170	10.01	3.780	0.000	2.870	0.000	4.800	0.000
Mean	3.903	12.75	3.554	0.888	3.786	2.432	3.256	0	2.555	0	3.481	0

Peak Computed Discharge = 44.80 cumecs on 10/11/2015 **Corres. Water Level :4.93 m**

Lowest Computed Discharge = 6.413 cumecs on 14/02/2016 **Corres. Water Level :3.98 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

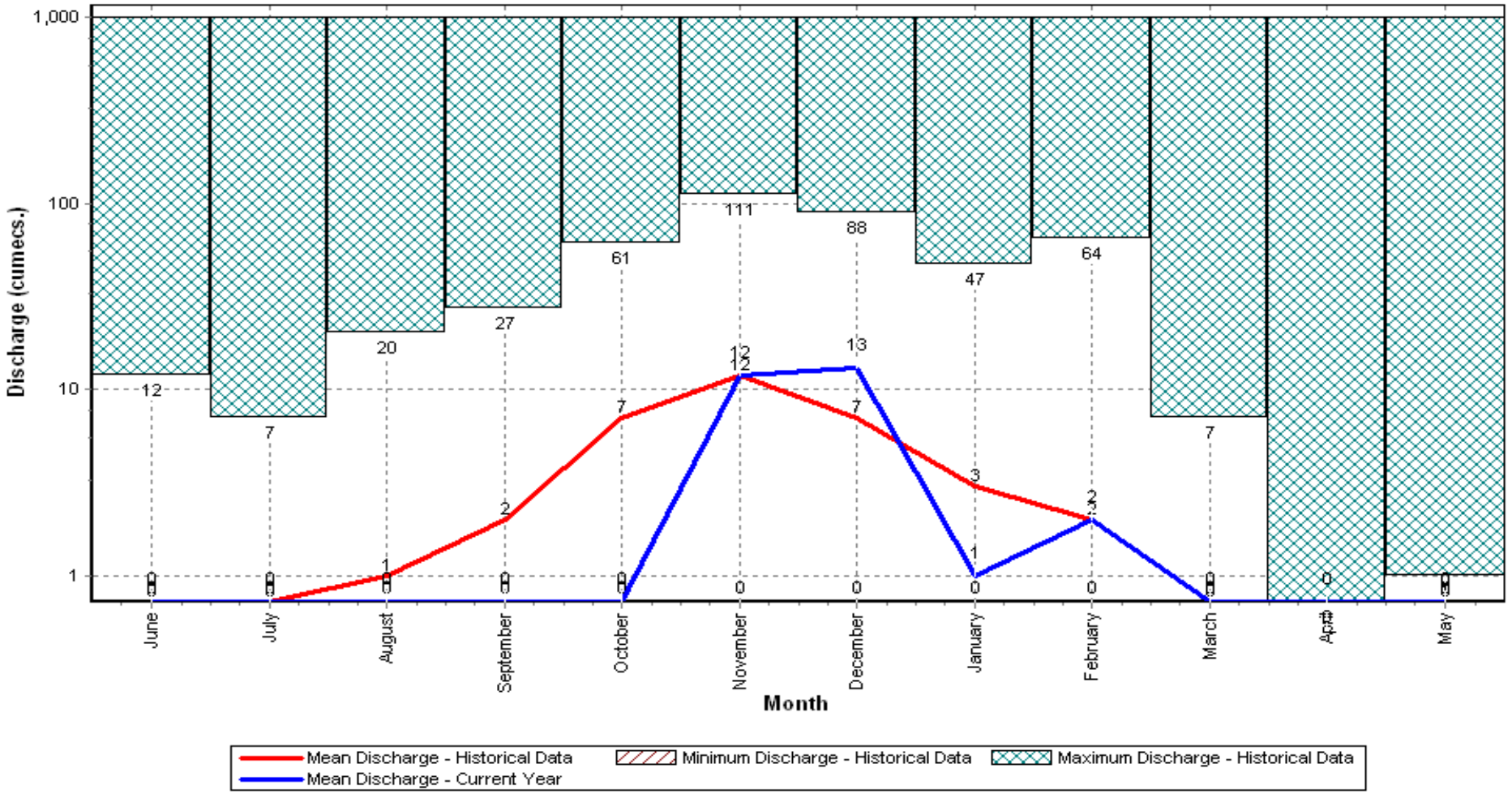
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Porakudi (CCA20G5) | **Data considered : 1999-2016** | **Division : Hydrology Division, Chennai**

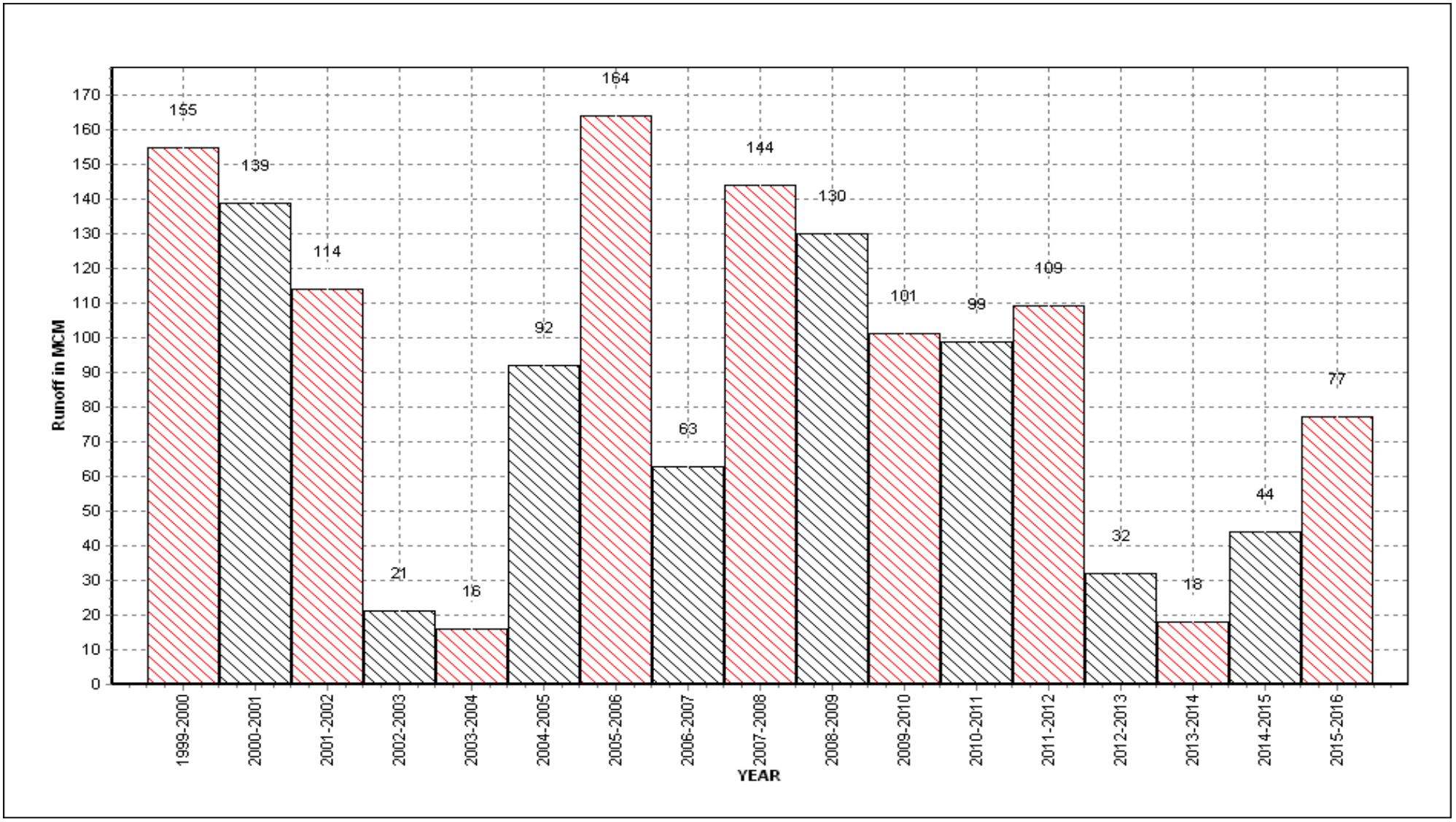
Local River : Arasalar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2016

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

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

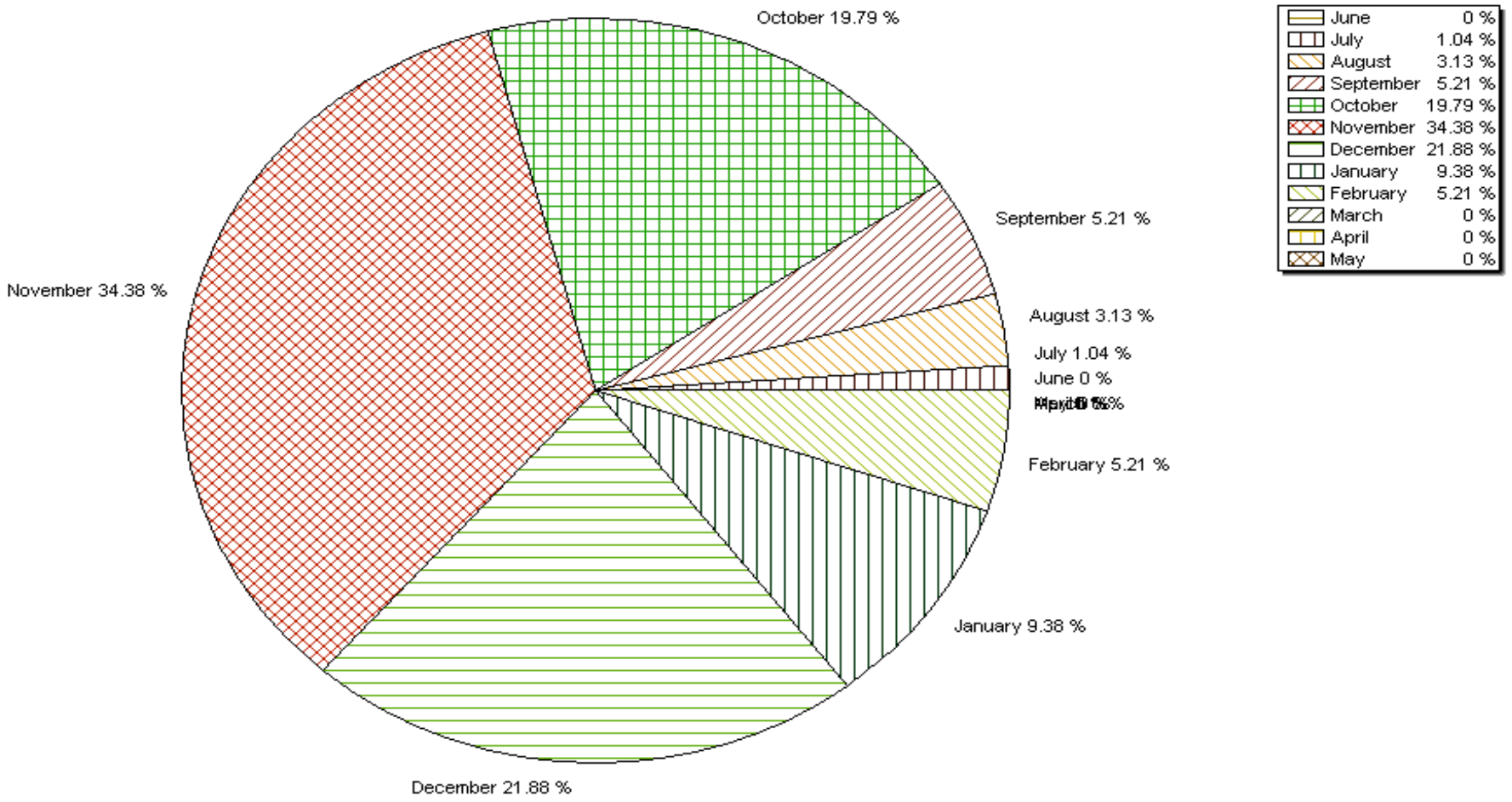


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2015

Station Name : Porakudi (CCA20G5)
Local River : Arasalar

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



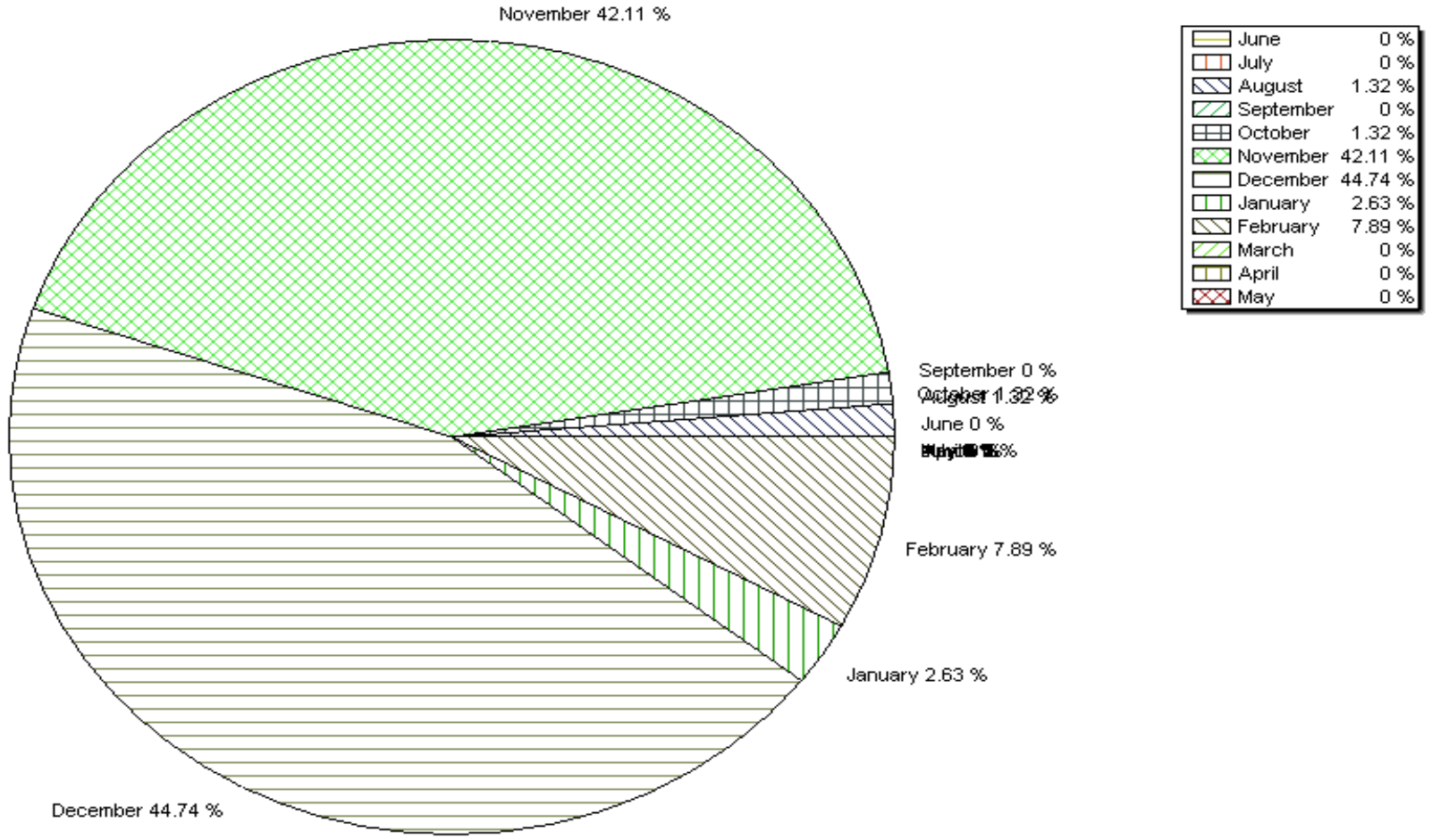
Monthly Runoff for the Year : 2015-2016

Station Name : Porakudi (CCA20G5)

Local River : Arasalar

Division : Hydrology Division, Chennai

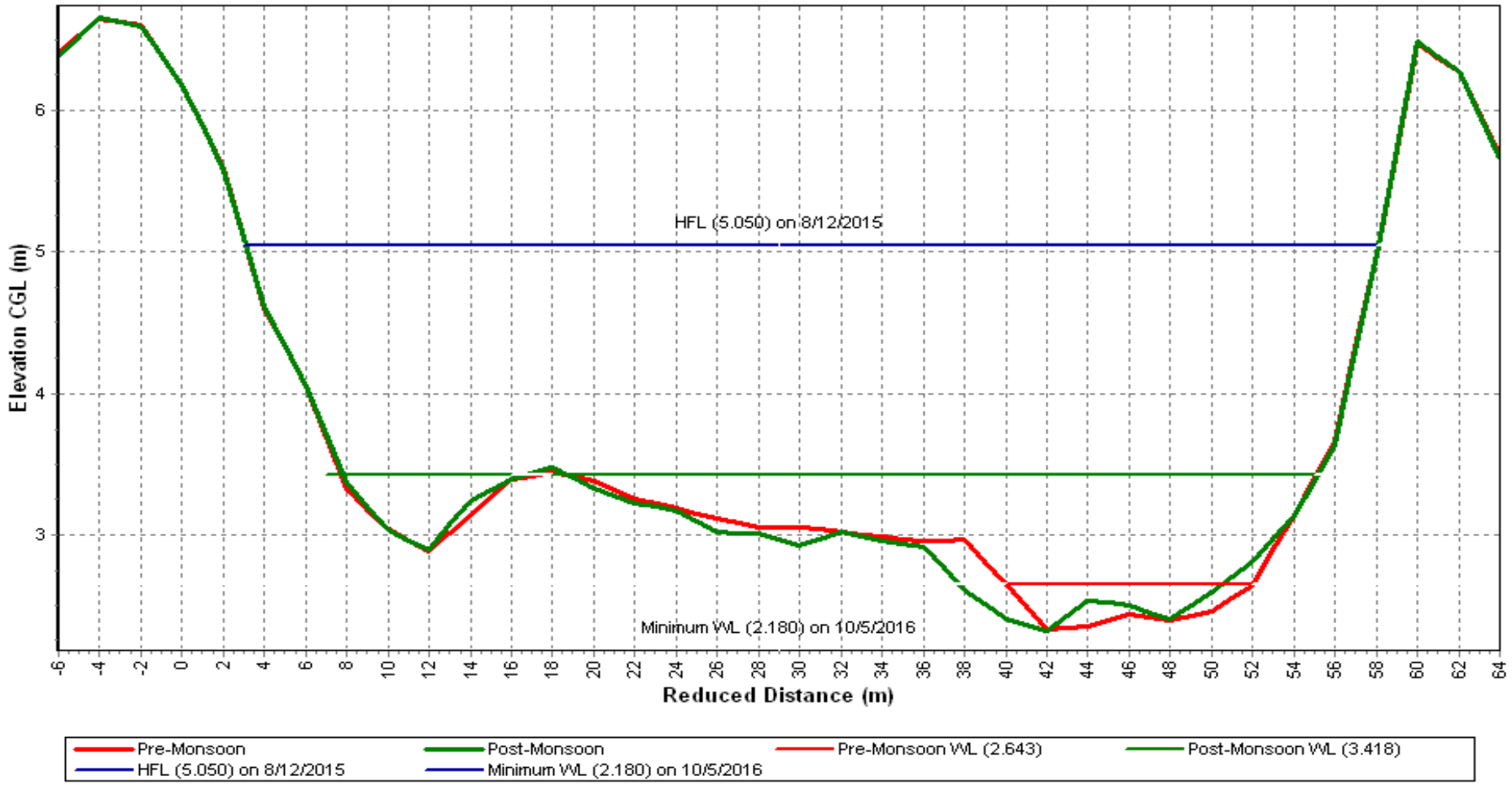
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

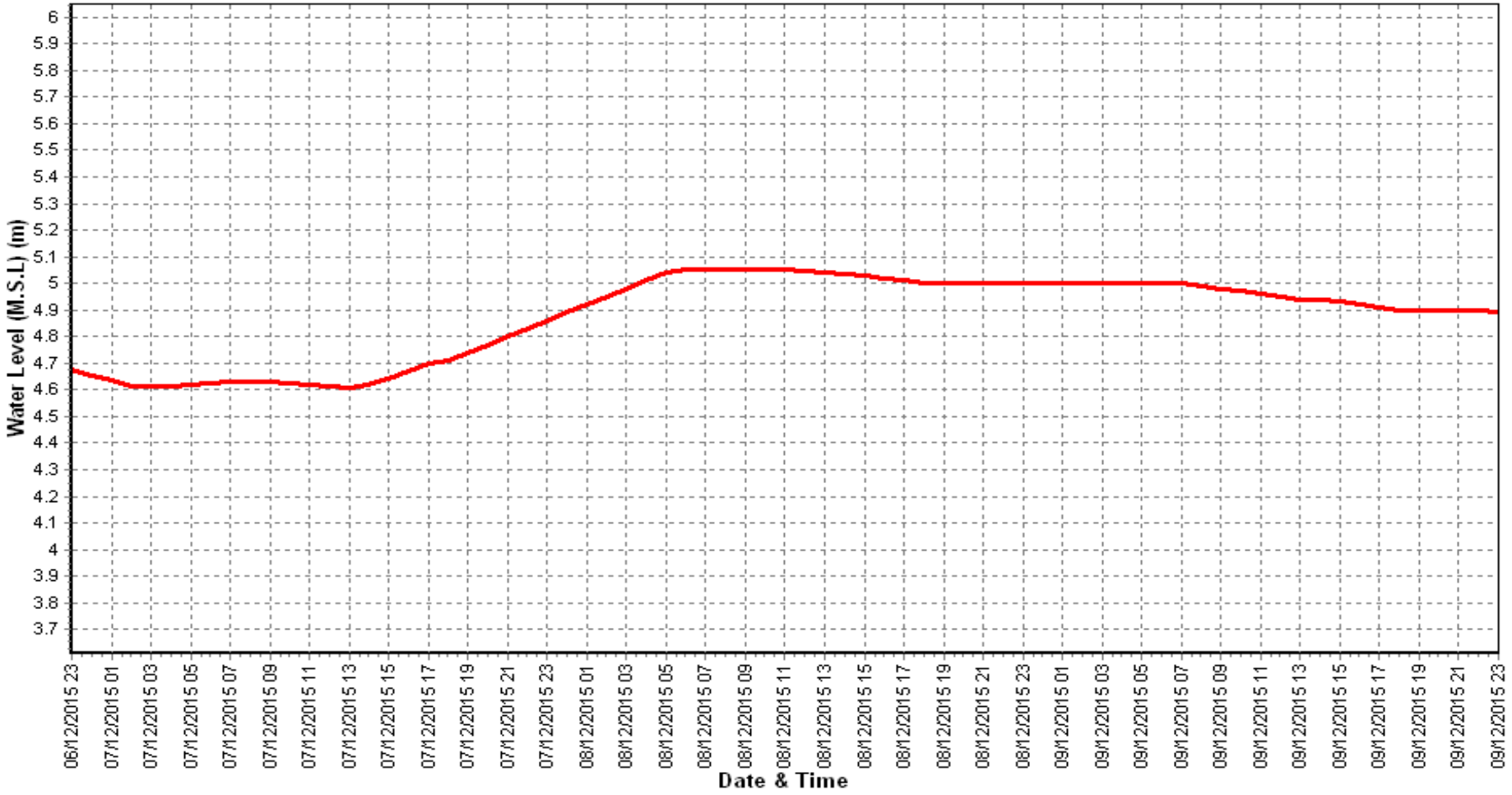
Local River : Arasalar **Sub-Division : Cauvery Delta SD, Karaikal**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

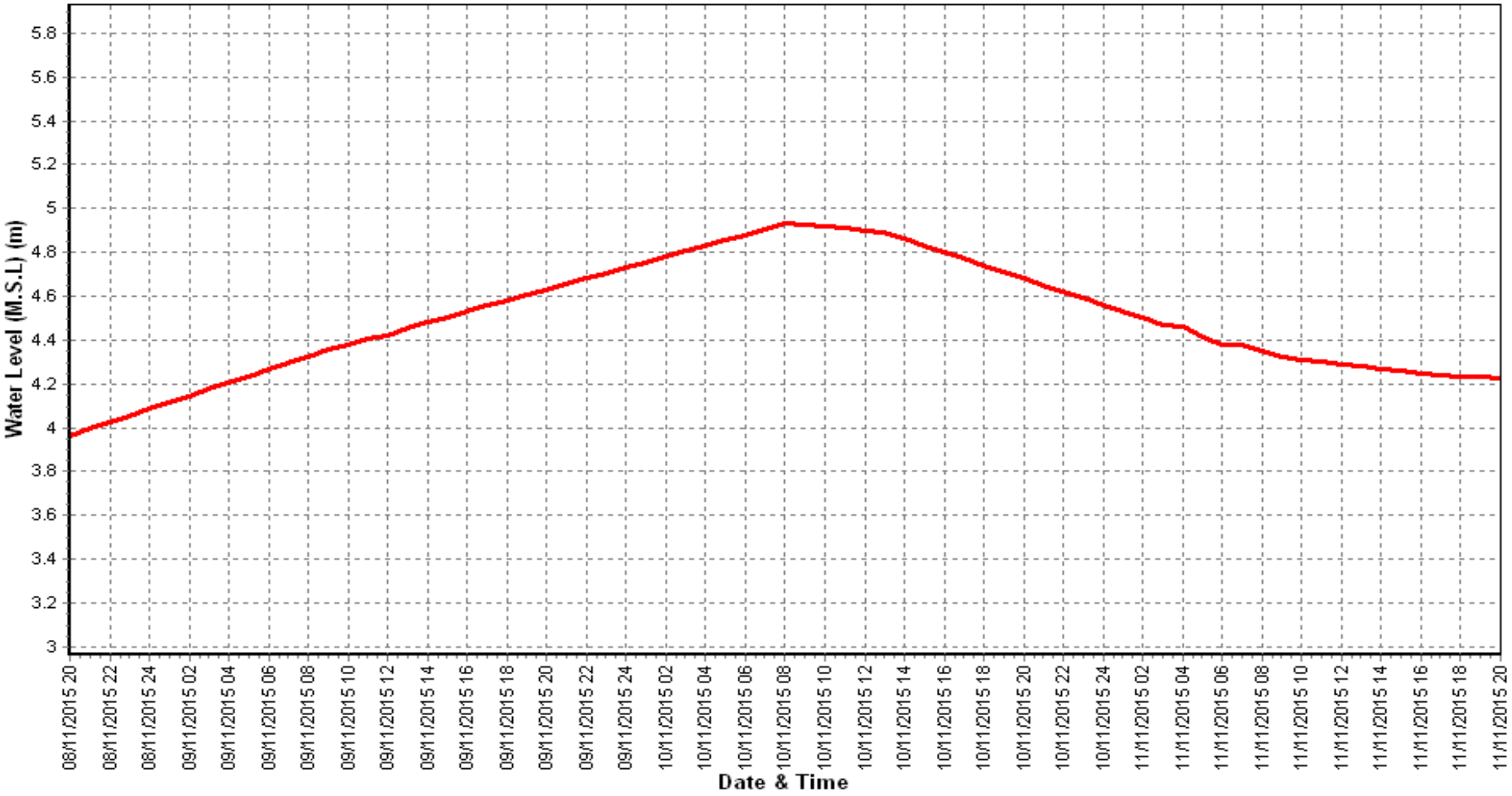


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

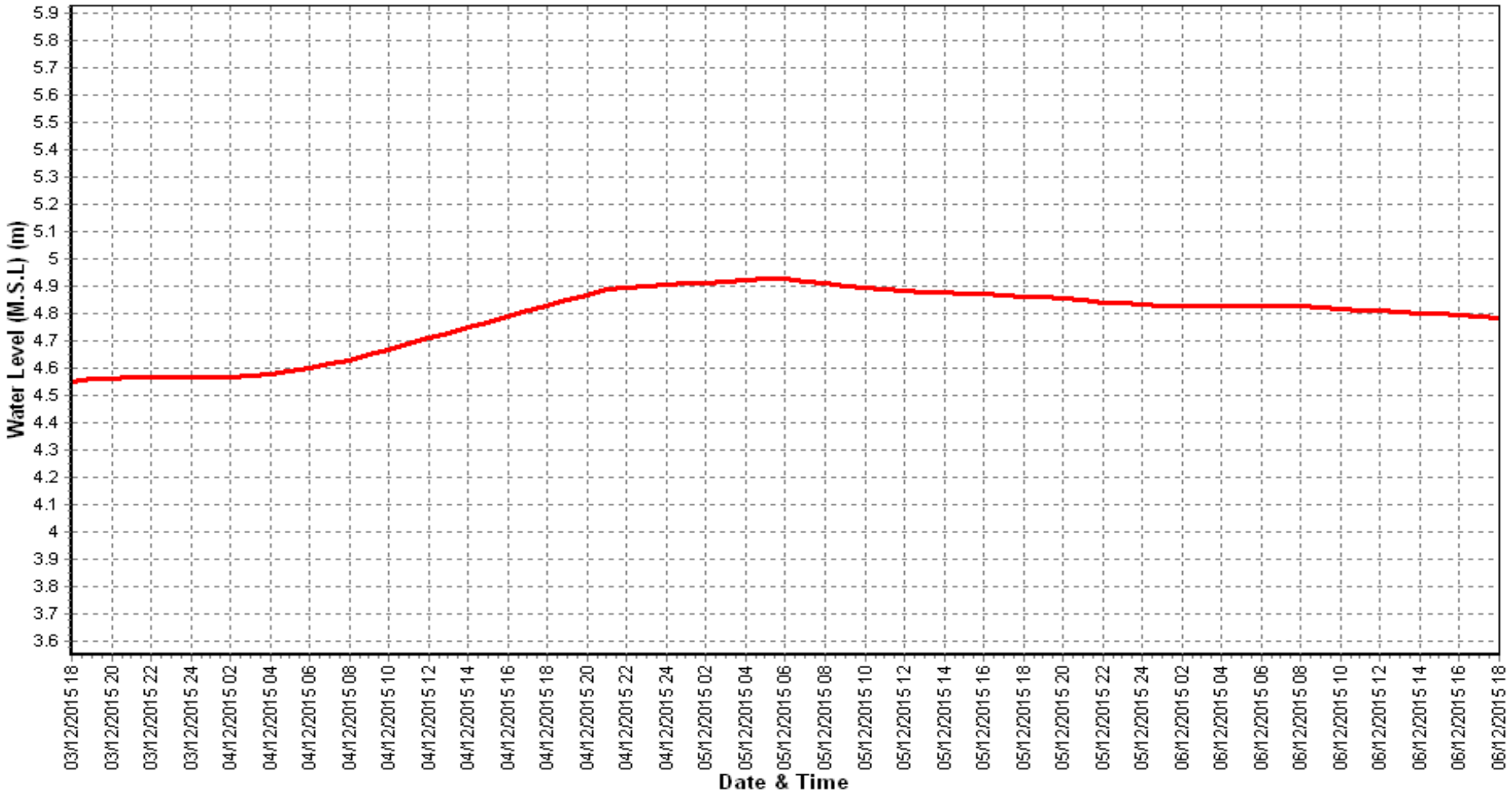


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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		0.000		0.000		0.000	7.170	0.000
2		0.000		0.000		0.000		0.000		0.000	7.175	0.000
3		0.000		0.000		0.000		0.000		0.000	7.243	0.144
4		0.000		0.000		0.000		0.000	7.475	0.414 *	7.240	0.126
5		0.000		0.000		0.000	7.615	0.832	7.868	0.998	7.245	0.135
6		0.000		0.000		0.000	7.600	0.730 *	7.965	1.303 #	7.375	0.297
7		0.000		0.000		0.000	7.895	1.456	7.660	0.695	7.435	0.440
8		0.000		0.000		0.000	7.950	1.826	7.288	0.183	7.660	0.710 *
9		0.000		0.000		0.000	7.985	2.093	8.215	1.873 #	8.300	2.082 #
10		0.000		0.000		0.000	8.155	2.614	8.155	2.155	8.435	2.429 #
11	7.190	0.000		0.000		0.000	7.310	0.176	7.905	1.177 *	8.235	1.921 #
12	7.200	0.000		0.000		0.000	7.170	0.000	7.575	0.455	7.873	0.949
13	7.200	0.000		0.000		0.000	7.160	0.000	7.915	1.198 #	7.590	0.532
14	7.180	0.000		0.000		0.000	7.130	0.000	7.405	0.280	7.460	0.359
15		0.000		0.000		0.000		0.000	7.250	0.133	7.760	0.891 *
16		0.000		0.000		0.000		0.000	7.180	0.000	8.173	1.666
17		0.000		0.000		0.000		0.000	7.835	1.004	7.933	1.441
18		0.000		0.000		0.000		0.000	7.985	1.346 *	7.535	0.392
19		0.000		0.000	7.395	0.279 #		0.000	7.310	0.238	7.385	0.258
20		0.000		0.000	7.290	0.125 #	7.963	1.987	7.260	0.131	7.240	0.147
21		0.000		0.000	7.805	1.630	7.925	1.328	7.185	0.000	7.235	0.104
22		0.000		0.000	7.955	1.962	7.953	1.651	7.155	0.000	7.580	0.575 *
23		0.000		0.000	7.710	1.050 *	7.320	0.218		0.000	8.610	2.784
24		0.000		0.000	7.545	0.550	7.170	0.000		0.000	8.348	1.537
25		0.000		0.000	7.495	0.475 #		0.000		0.000	7.980	0.952 *
26		0.000		0.000	7.445	0.371 #		0.000		0.000	7.755	0.591
27		0.000		0.000	7.250	0.068		0.000		0.000	7.620	0.610
28		0.000		0.000	7.180	0.000		0.000	7.160	0.000	7.558	0.519
29		0.000		0.000	7.150	0.000		0.000	7.150	0.000	7.450	0.416 *
30		0.000		0.000	7.210	0.000		0.000	7.160	0.000	7.550	0.503
31				0.000		0.000			7.160	0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000	7.867	0.955	7.804	0.762	7.528	0.636
II Ten-Daily	7.193	0.000		0.000	7.342	0.040	7.347	0.216	7.562	0.596	7.718	0.856
III Ten-Daily		0.000		0.000	7.475	0.555	7.592	0.320	7.162	0.000	7.768	0.859
Monthly												
Min.	7.180	0.000		0.000	7.150	0.000	7.130	0.000	7.150	0.000	7.170	0.000
Max.	7.200	0.000		0.000	7.955	1.962	8.155	2.614	8.215	2.155	8.610	2.784
Mean	7.193	0		0	7.453	0.21	7.620	0.497	7.531	0.438	7.672	0.784

Annual Runoff in MCM = 9 Annual Runoff in mm =

Peak Observed Discharge = 2.784 cumecs on 23/11/2015 Corres. Water Level :8.61 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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	7.870	0.942		0.000	7.200	0.151		0.000		0.000		0.000
2	8.055	1.465		0.000		0.000		0.000		0.000		0.000
3	8.410	2.270		0.000		0.000		0.000		0.000		0.000
4	8.520	2.361		0.000		0.000	7.060	0.009		0.000		0.000
5	8.603	2.735		0.000		0.000	7.050	0.006		0.000		0.000
6	8.485	2.323 *		0.000		0.000	7.050	0.006 *		0.000		0.000
7	8.308	2.171	7.220	0.153		0.000	7.060	0.007		0.000		0.000
8	8.420	2.268	7.460	0.444 #		0.000	7.050	0.006		0.000		0.000
9	8.380	1.751	7.288	0.239	7.385	0.493 #	7.020	0.000		0.000		0.000
10	8.145	1.129	7.440	0.415 *	7.145	0.079		0.000		0.000		0.000
11	7.735	0.581	7.210	0.132 #	7.220	0.145		0.000		0.000		0.000
12	7.598	0.685	7.170	0.068	7.210	0.161 #		0.000		0.000		0.000
13	7.480	0.475 *	7.215	0.137 #	7.250	0.224 #		0.000		0.000		0.000
14	7.400	0.385	7.230	0.152 #	7.290	0.295 *		0.000		0.000		0.000
15	7.820	0.986	7.530	0.553 *		0.000		0.000		0.000		0.000
16	7.615	0.605	7.858	1.215		0.000		0.000		0.000		0.000
17	7.440	0.418	8.010	1.503 *	7.260	0.241 #		0.000		0.000		0.000
18	7.400	0.434	8.418	2.446		0.000		0.000		0.000		0.000
19	7.415	0.462	7.845	1.084	7.503	0.860		0.000		0.000		0.000
20	7.400	0.358 *	7.585	0.899	7.485	0.836		0.000		0.000		0.000
21	7.375	0.293	7.740	1.722	7.145	0.078 *		0.000		0.000		0.000
22	7.210	0.132 #	7.605	0.942	7.210	0.161 #		0.000		0.000		0.000
23	7.170	0.000	7.595	0.900	7.170	0.130		0.000		0.000		0.000
24	7.145	0.000	7.750	1.597 *		0.000		0.000		0.000		0.000
25	7.130	0.000	7.373	0.492	7.340	0.507		0.000		0.000		0.000
26	7.120	0.000	7.140	0.000	7.255	0.233 #		0.000		0.000		0.000
27	7.155	0.000	7.470	0.582	7.208	0.161		0.000		0.000		0.000
28	7.135	0.000	7.435	0.585	7.175	0.114 *		0.000		0.000		0.000
29		0.000	7.530	0.915	7.170	0.128		0.000		0.000		0.000
30		0.000	7.530	0.881				0.000		0.000		0.000
31		0.000	7.185	0.126 *				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	8.319	1.941	7.352	0.125	7.243	0.072	7.048	0.003		0.000		0.000
II Ten-Daily	7.530	0.539	7.607	0.819	7.317	0.276		0.000		0.000		0.000
III Ten-Daily	7.180	0.039	7.487	0.795	7.209	0.168		0.000		0.000		0.000
Monthly												
Min.	7.120	0.000	7.140	0.000	7.145	0.000	7.020	0.000		0.000		0.000
Max.	8.602	2.735	8.417	2.446	7.503	0.860	7.060	0.009		0.000		0.000
Mean	7.712	0.814	7.513	0.587	7.257	0.172	7.048	0.001		0		0

Peak Computed Discharge = 2.323 cumecs on 06/12/2015 **Corres. Water Level :8.485 m**

Lowest Computed Discharge = 0.006 cumecs on 06/03/2016 **Corres. Water Level :7.05 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

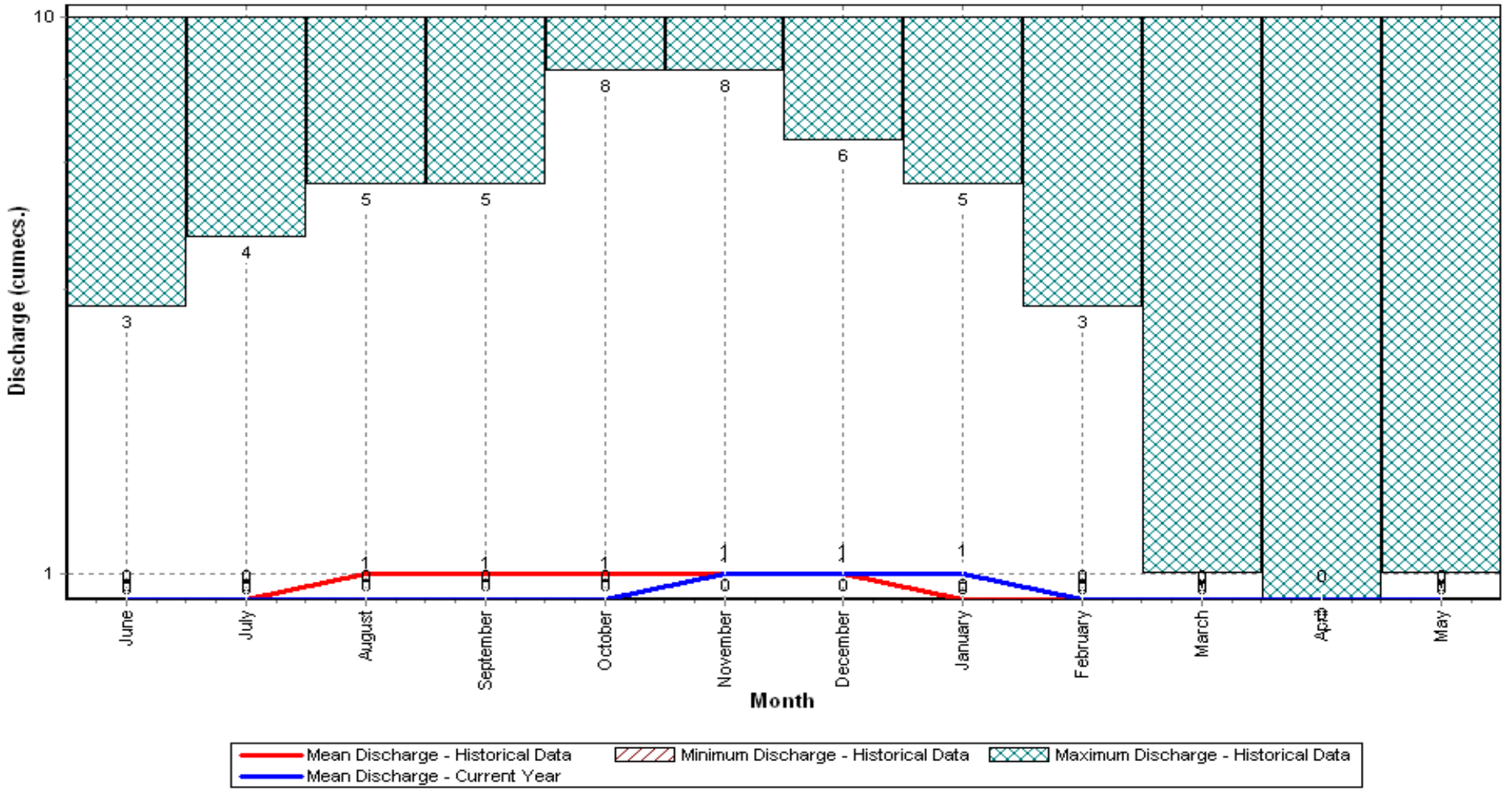
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Peralam (CCA22S5) | **Data considered : 1999-2016** | **Division : Hydrology Division, Chennai**

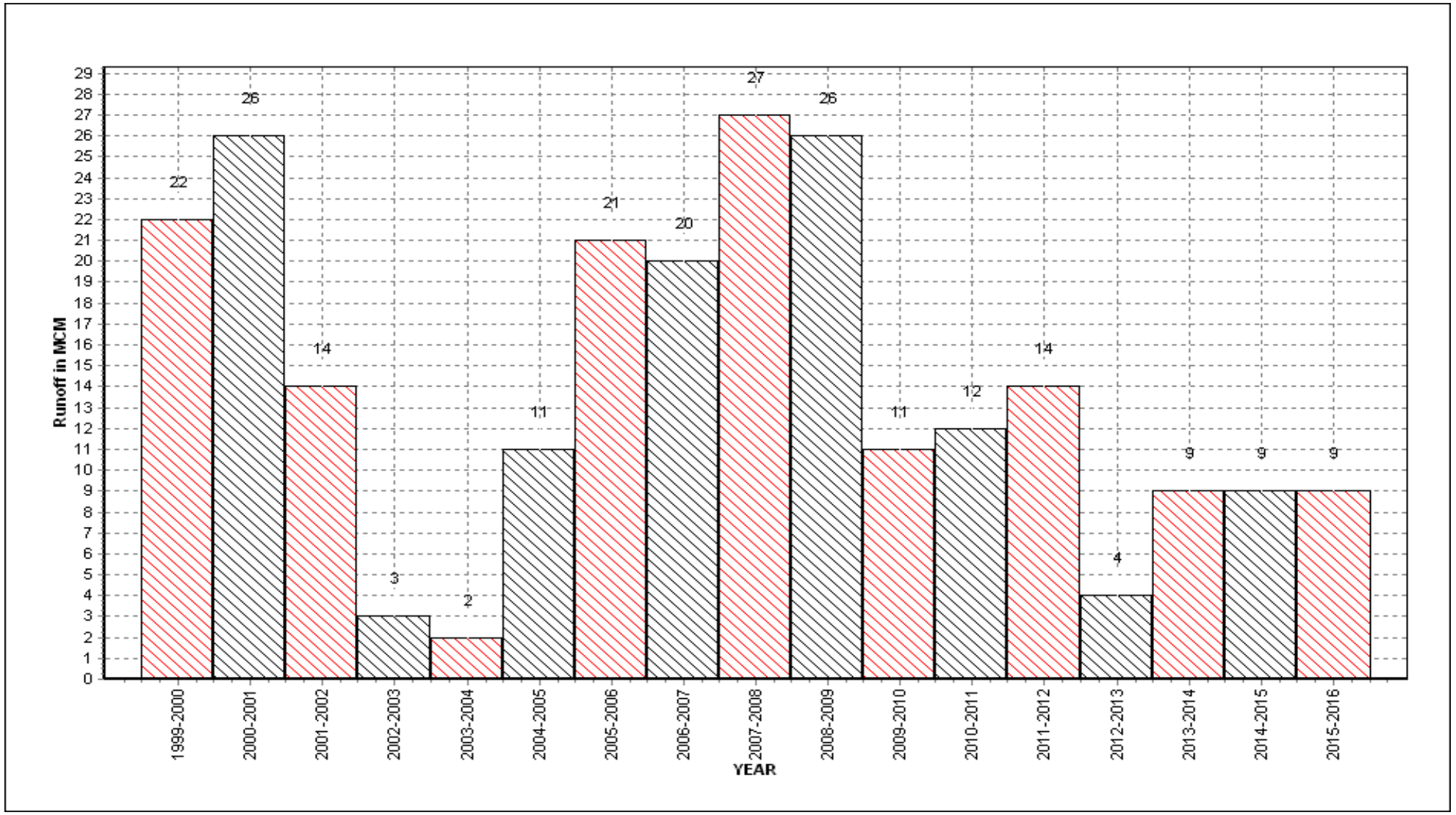
Local River : Vanjiyar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1999 - 2016

Station Name : Peralam (CCA22S5)
Local River : Vanjiyar

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

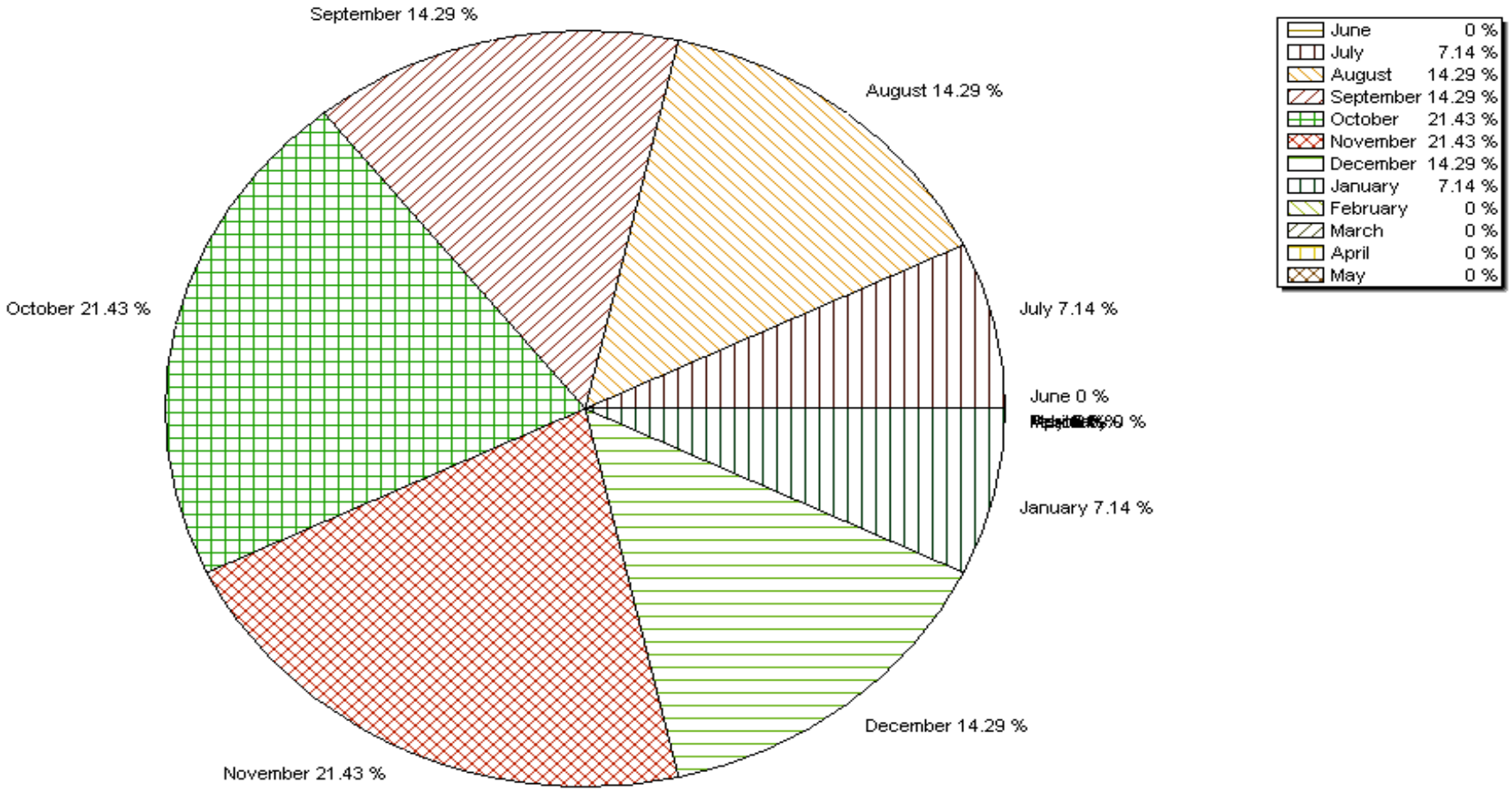


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2015

Station Name : Peralam (CCA22S5)
Local River : Vanjiyar

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



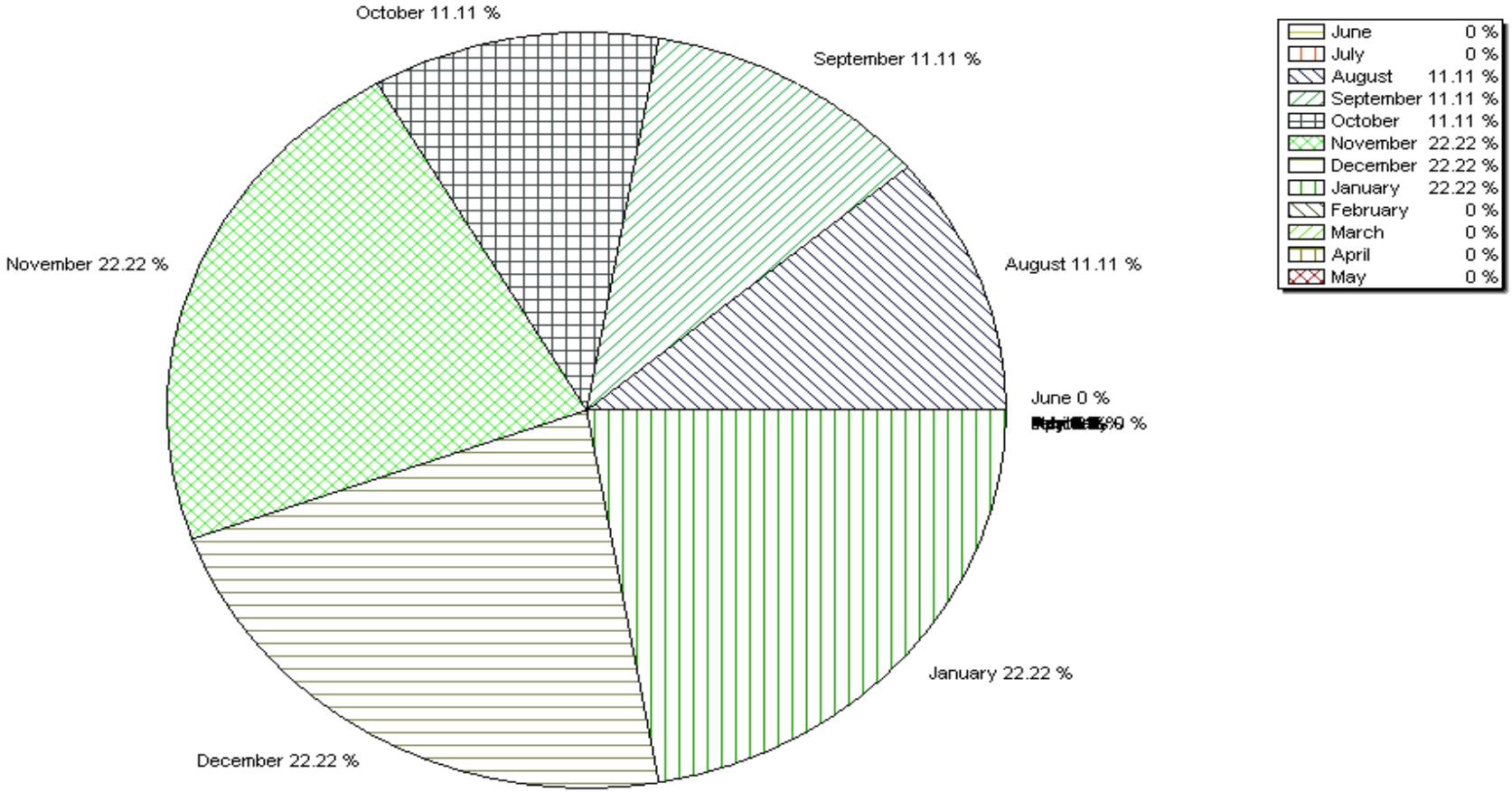
Monthly Runoff for the Year : 2015-2016

Station Name : Peralam (CCA22S5)

Local River : Vanjiyar

Division : Hydrology Division, Chennai

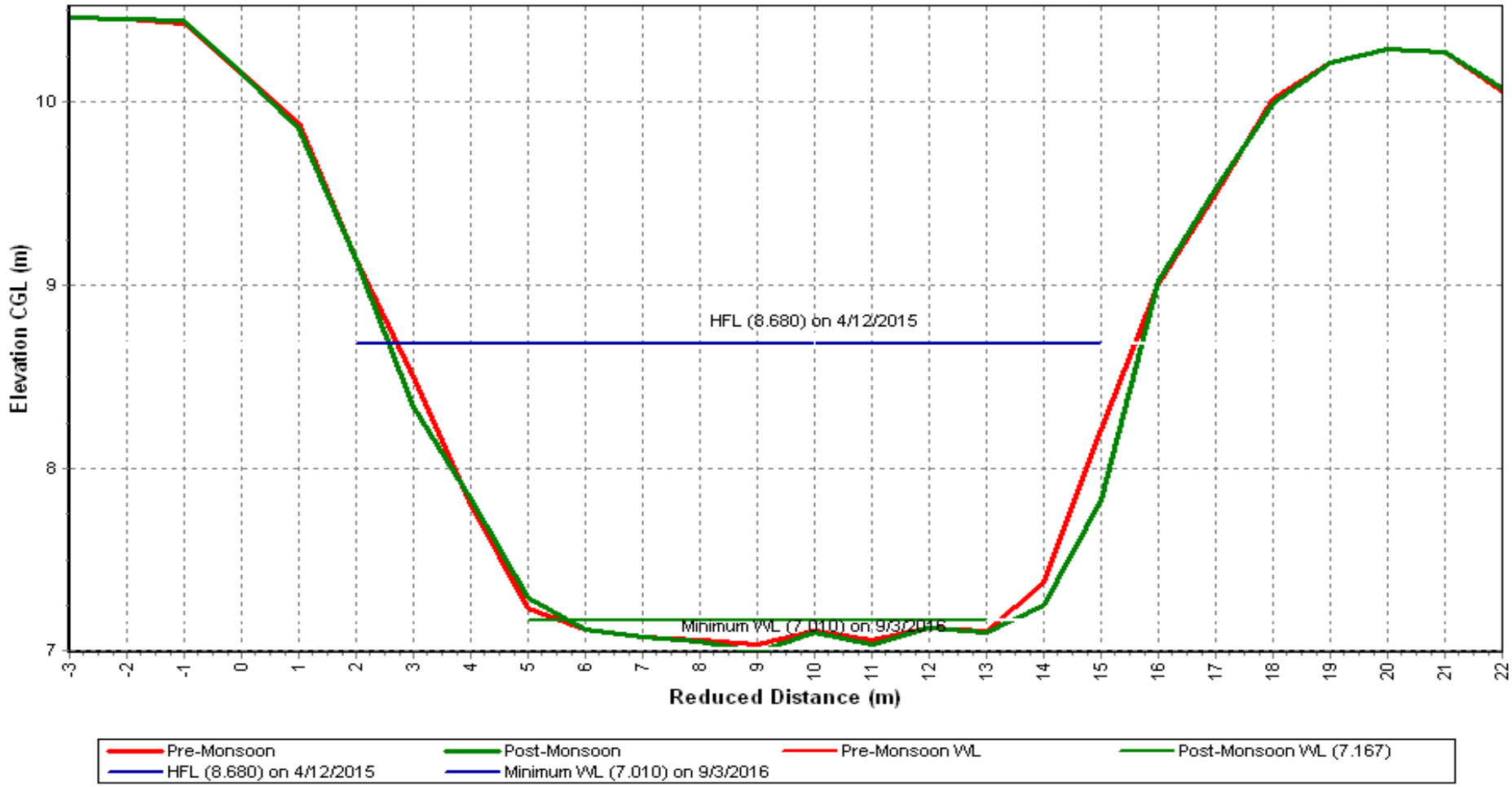
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Peralam (CCA22S5)
Local River : Vanjiyar

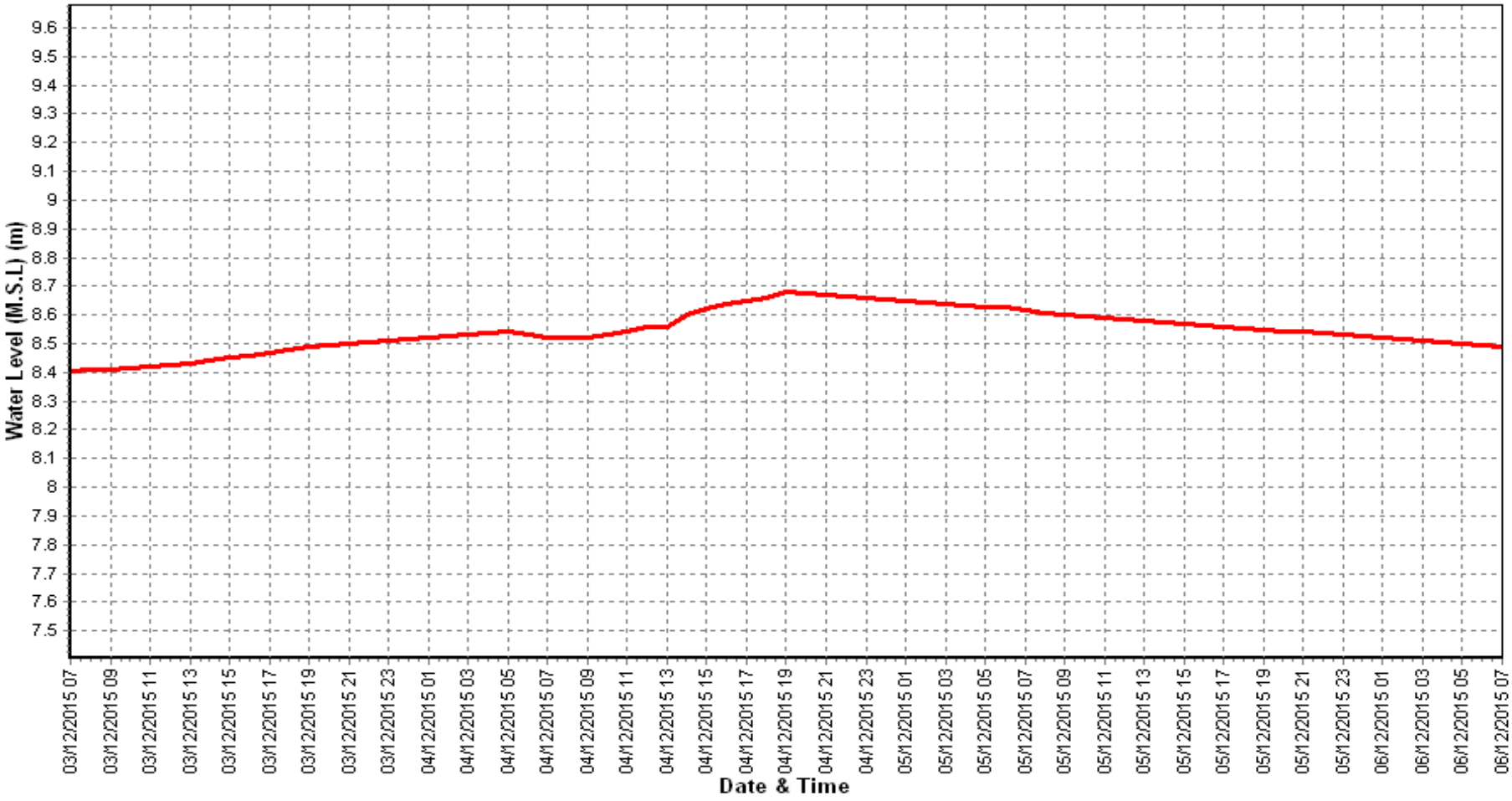
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

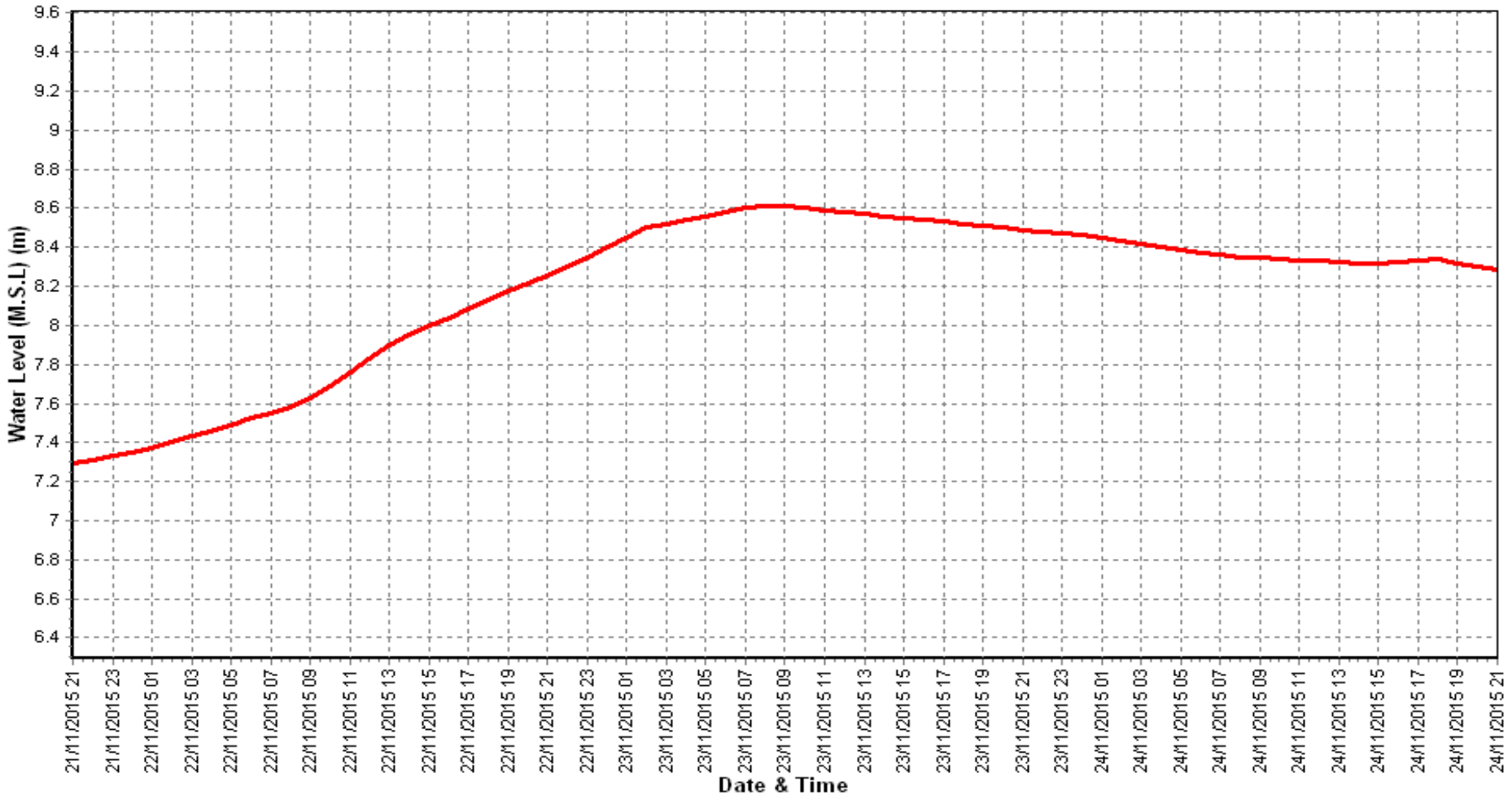


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

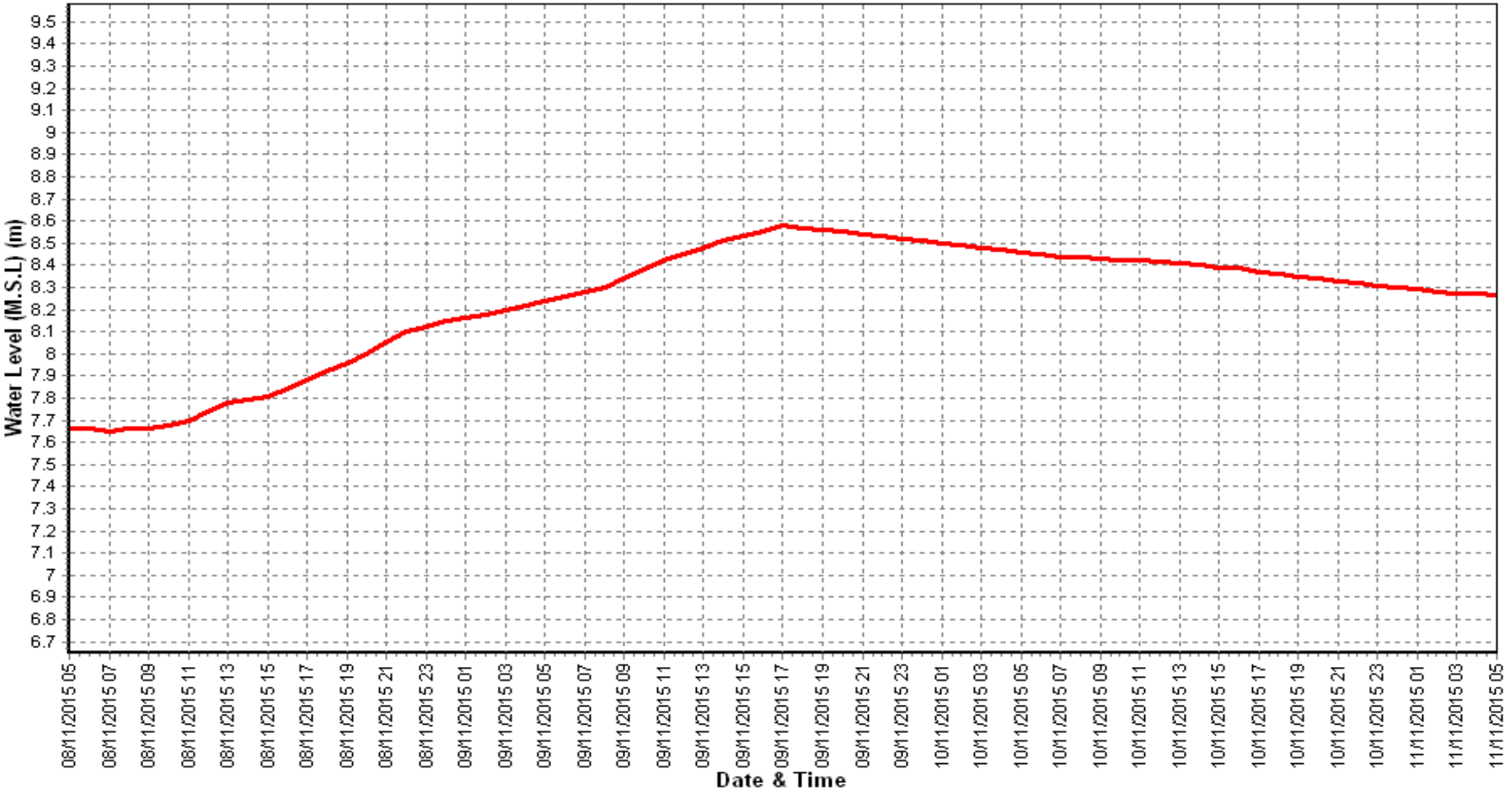


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	5.820	0.000	5.590	0.000		0.000	6.258	0.948	6.170	0.524 #	7.000	9.407 *
2	5.800	0.000	5.575	0.000		0.000	6.420	2.106	6.330	1.252 *	7.015	8.811
3	5.780	0.000	5.560	0.000		0.000	6.515	2.366	6.395	1.770	7.125	12.09
4	5.755	0.000	5.545	0.000		0.000	6.268	0.993	6.460	2.131 *	6.935	7.871
5	5.735	0.000	5.535	0.000		0.000	6.313	1.230	6.665	3.279	7.105	11.16
6	5.715	0.000		0.000		0.000	6.390	1.624 *	6.993	8.896	7.288	12.03
7	5.695	0.000		0.000		0.000	6.333	1.365	6.985	8.640	7.183	11.66
8	5.675	0.000		0.000		0.000	6.403	1.694	7.005	8.872	7.380	14.39 *
9	5.655	0.000		0.000		0.000	6.323	1.236	6.870	4.629 #	7.780	20.92 #
10	5.640	0.000		0.000		0.000	6.485	1.968	6.680	3.177	8.400	33.75 #
11	5.730	0.000		0.000		0.000	6.468	1.918	6.610	2.952 *	8.290	28.89
12	6.103	0.400		0.000		0.000	6.338	1.246	6.600	3.295	7.930	20.95
13	5.970	0.081		0.000		0.000	6.275	0.960 *	6.580	2.810	7.400	12.64
14	5.910	0.000		0.000		0.000	6.215	0.744	6.593	2.859	7.085	11.27
15	5.865	0.000		0.000		0.000	6.103	0.327	6.920	4.989 #	7.510	16.37 *
16	5.815	0.000		0.000		0.000	6.025	0.180	6.680	3.463	7.955	25.97
17	5.775	0.000		0.000		0.000	5.990	0.104	6.808	4.201	7.880	21.88
18	5.745	0.000		0.000		0.000	6.240	0.797 #	6.870	4.629 *	7.555	14.94
19	5.770	0.000		0.000		0.000	6.600	3.398 #	6.723	3.369	7.103	10.21
20	5.875	0.000		0.000		0.000	6.430	1.904 *	6.780	4.057	6.840	7.651 #
21	5.815	0.000		0.000		0.000	6.393	1.643	6.450	2.088 *	6.700	6.275 #
22	5.770	0.000		0.000	5.940	0.000	6.370	1.498	6.380	1.752 *	7.090	10.48 *
23	5.745	0.000		0.000	5.920	0.000	6.570	3.072	6.400	1.814	8.300	37.01 *
24	5.715	0.000		0.000	6.230	0.786	6.560	3.001 *	6.470	2.189 *	8.240	33.09 *
25	5.690	0.000		0.000	6.235	0.869	6.145	0.412	6.360	1.661 *	7.900	23.14 *
26	5.675	0.000		0.000	6.880	7.036 #	6.078	0.248	6.515	2.269	7.395	14.91
27	5.655	0.000		0.000	7.260	14.39	6.025	0.157 *	6.648	3.202	7.063	11.38
28	5.640	0.000		0.000	7.055	11.23	6.020	0.125	6.558	2.676	6.993	10.29
29	5.625	0.000		0.000	6.853	8.481	6.020	0.132	6.633	3.172	6.870	7.965 *
30	5.610	0.000		0.000	6.580	3.196 *	6.010	0.121	6.770	3.911	7.025	10.52
31				0.000	6.415	1.572			6.810	7.343 #		
Ten-Daily Mean												
I Ten-Daily	5.727	0.000	5.561	0.000		0.000	6.371	1.553	6.655	4.317	7.321	14.21
II Ten-Daily	5.856	0.048		0.000		0.000	6.268	1.158	6.716	3.662	7.555	17.08
III Ten-Daily	5.694	0.000		0.000	6.537	4.323	6.219	1.041	6.545	2.916	7.358	16.51
Monthly												
Min.	5.610	0.000	5.535	0.000	5.920	0.000	5.990	0.104	6.170	0.524	6.700	6.275
Max.	6.103	0.400	5.590	0.000	7.260	14.39	6.600	3.398	7.005	8.896	8.400	37.01
Mean	5.759	0.016	5.561	0	6.537	1.534	6.286	1.251	6.636	3.609	7.411	15.93

Annual Runoff in MCM = 117 **Annual Runoff in mm =**

Peak Observed Discharge = 39.39 cumecs on 05/12/2015 **Corres. Water Level :8.38 m**

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 **Corres. Water Level :5.82 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	7.690	18.10	6.455	3.105	6.343	2.355	6.285	1.812	5.790	0.000		0.000
2	8.190	31.37	6.608	3.960	6.255	1.418	6.265	1.478	5.775	0.000		0.000
3	8.230	34.09	6.560	4.290 *	6.240	1.295	6.240	1.346	5.760	0.000		0.000
4	8.210	33.43	6.465	3.327	6.375	2.819	6.190	0.924	5.745	0.000		0.000
5	8.380	39.39	6.383	2.568	6.463	3.334	6.213	1.169	5.725	0.000		0.000
6	8.290	33.98 *	6.398	2.613	6.605	5.591	6.285	1.684 *	5.710	0.000		0.000
7	8.200	31.65	6.458	3.536	6.530	3.967 *	6.238	1.339	5.700	0.000		0.000
8	8.340	35.00	6.428	3.001	6.498	3.772	6.185	0.833	5.685	0.000		0.000
9	8.330	33.08	6.425	2.936	6.380	2.613	6.185	0.845	5.660	0.000		0.000
10	8.160	28.72	6.510	3.757 *	6.320	2.126	6.185	0.755	5.650	0.000		0.000
11	7.835	23.76	6.783	7.234	6.268	1.797	6.145	0.649	5.640	0.000		0.000
12	7.545	18.21	6.623	5.283	6.353	2.543	6.135	0.618	5.630	0.000		0.000
13	7.150	12.19 *	6.568	4.237	6.563	4.428	6.095	0.441 *	5.615	0.000		0.000
14	6.815	6.661	6.488	3.749	6.535	4.020 *	6.080	0.360	5.605	0.000		0.000
15	6.993	9.063	6.760	6.653 *	6.560	4.465	6.070	0.317	5.595	0.000		0.000
16	6.700	4.291	6.713	5.661	6.468	3.402	6.045	0.188	5.590	0.000		0.000
17	6.623	4.279	6.620	4.961 *	6.618	5.266	6.030	0.163	5.580	0.000	5.560	0.000
18	6.505	3.365	6.575	4.701	6.455	3.161	6.025	0.147	5.580	0.000	6.355	2.029
19	6.505	3.684	6.515	3.981	6.483	3.935	5.995	0.110 #	5.580	0.000	6.238	1.304
20	6.505	3.705 *	6.615	5.169	6.473	3.589	5.965	0.060 *	5.575	0.000	6.475	3.001
21	6.505	3.613	6.455	3.245	6.440	3.052 *	5.970	0.067 #	5.575	0.000	6.510	3.502 *
22	6.383	2.271	6.508	3.756	6.340	2.437	5.965	0.060 #	5.565	0.000	6.250	1.187 *
23	6.340	1.978	6.718	6.438	6.375	2.581	5.930	0.000		0.000	6.100	0.413 #
24	6.380	2.490 *	6.560	4.290 *	6.435	3.473	5.910	0.000		0.000	6.038	0.256
25	6.315	1.926 *	6.458	3.219	6.430	3.142	5.890	0.000		0.000	5.995	0.113
26	6.280	1.177	6.420	2.860 *	6.563	4.559	5.880	0.000		0.000	5.940	0.029
27	6.280	1.644 *	6.405	2.937	6.488	3.863	5.870	0.000		0.000	5.963	0.066
28	6.215	1.278	6.448	3.245	6.405	2.719 *	5.860	0.000		0.000	5.950	0.039
29	6.198	1.036	6.373	2.614	6.285	1.884	5.850	0.000		0.000	5.895	0.000
30	6.235	1.319	6.430	3.202			5.830	0.000		0.000	5.845	0.000
31	6.430	2.967	6.350	2.223 *			5.810	0.000			5.785	0.000
Ten-Daily Mean												
I Ten-Daily	8.202	31.88	6.469	3.309	6.401	2.929	6.227	1.218	5.720	0.000		0.000
II Ten-Daily	6.918	8.920	6.626	5.163	6.477	3.661	6.058	0.305	5.599	0.000	6.157	0.633
III Ten-Daily	6.324	1.973	6.466	3.457	6.418	3.079	5.888	0.012	5.570	0.000	6.025	0.509
Monthly												
Min.	6.198	1.036	6.350	2.223	6.240	1.295	5.810	0.000	5.565	0.000	5.560	0.000
Max.	8.380	39.39	6.783	7.234	6.618	5.591	6.285	1.812	5.790	0.000	6.510	3.502
Mean	7.121	13.86	6.518	3.96	6.432	3.228	6.052	0.496	5.651	0	6.060	0.385

Peak Computed Discharge = 37.01 cumecs on 23/11/2015 **Corres. Water Level :8.3 m**

Lowest Computed Discharge = 0.060 cumecs on 20/03/2016 **Corres. Water Level :5.965 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

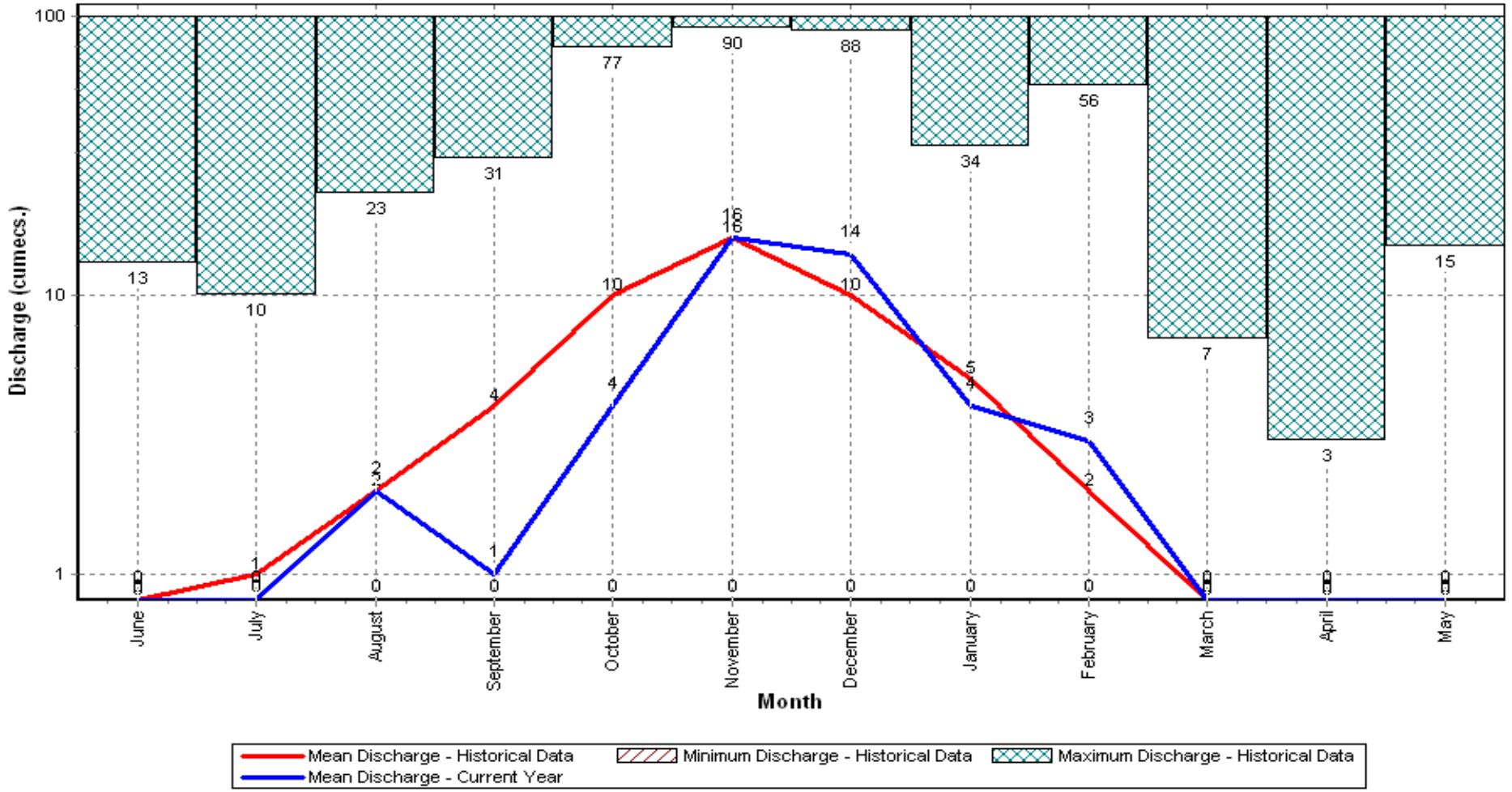
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Thengudi (CCA31N6) | **Data considered : 1998-2016** | **Division : Hydrology Division, Chennai**

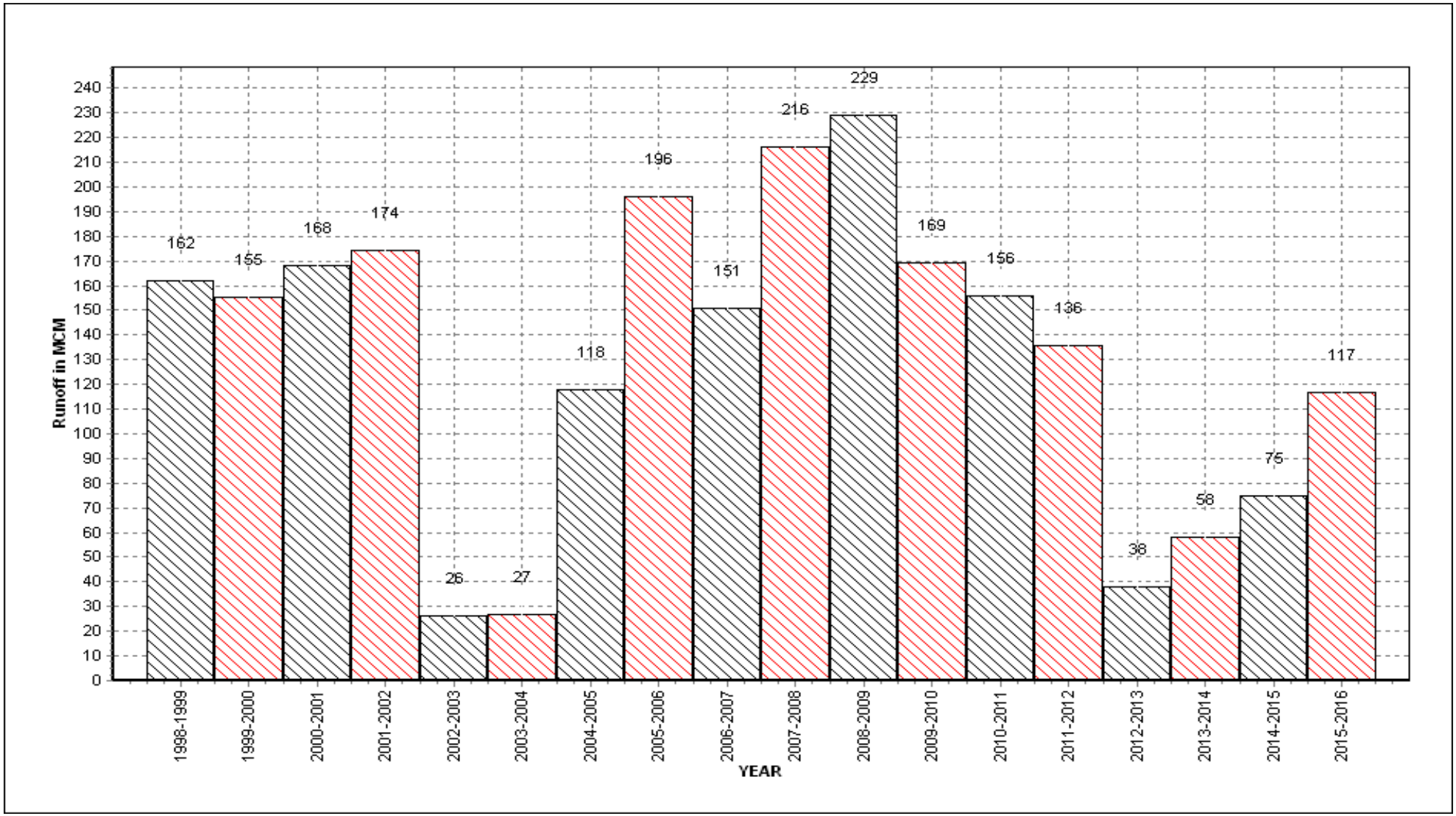
Local River : Thirumalairajanar | **Sub-Division : Cauvery Delta SD, Karaikal**



Annual Runoff Values for the period: 1998 - 2016

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

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

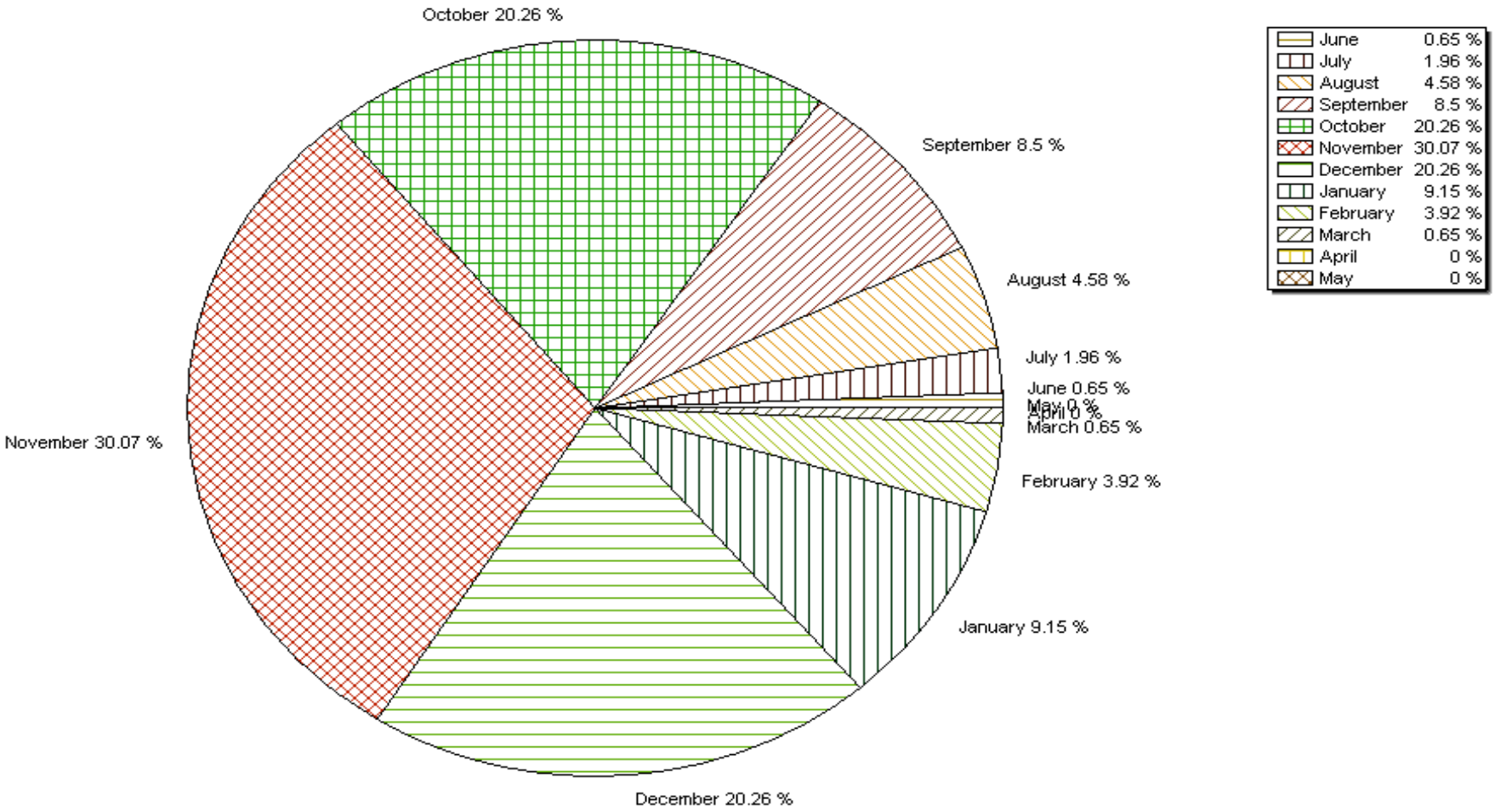


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1998-2015

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

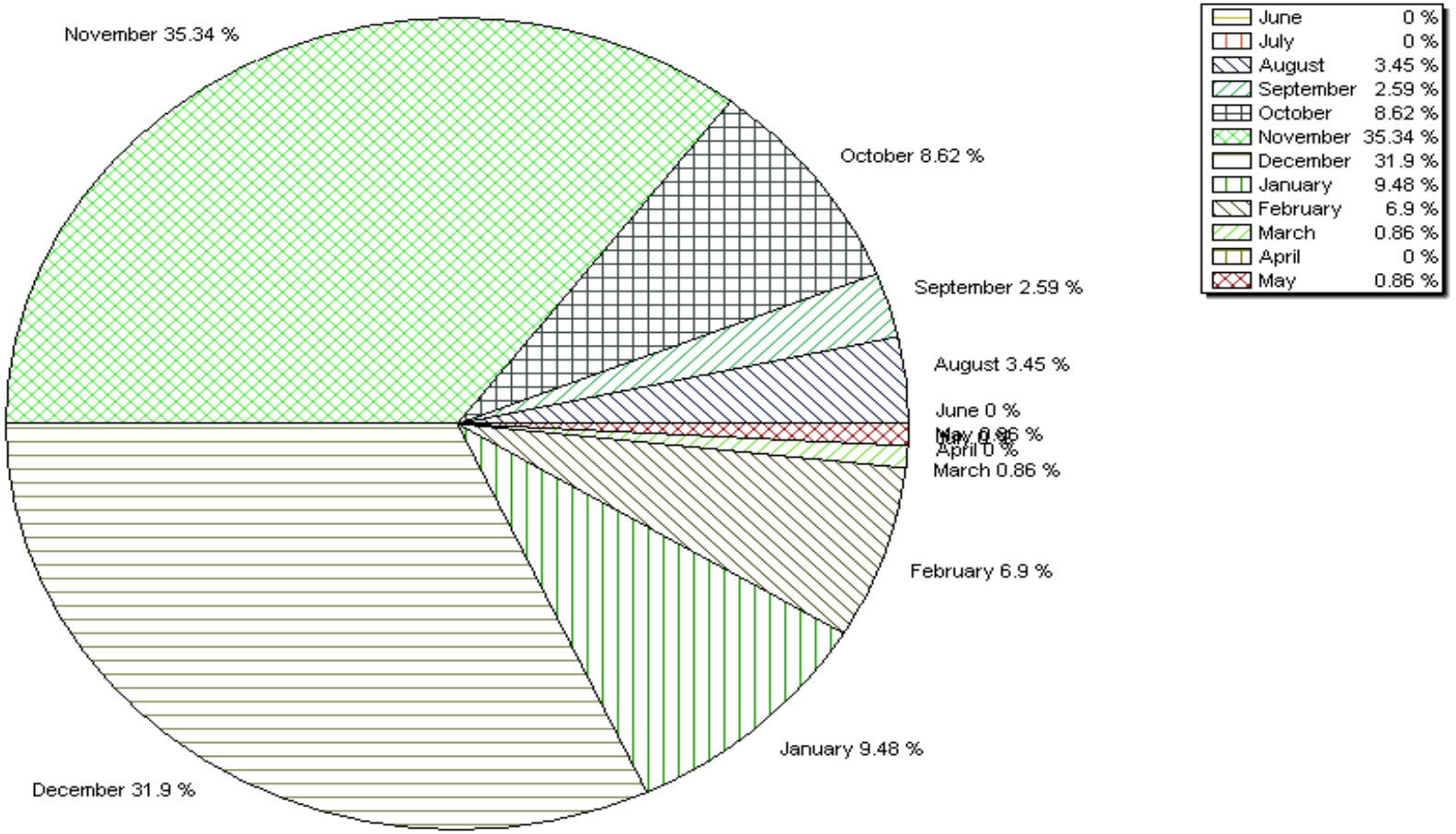
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Monthly Runoff for the Year : 2015-2016

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

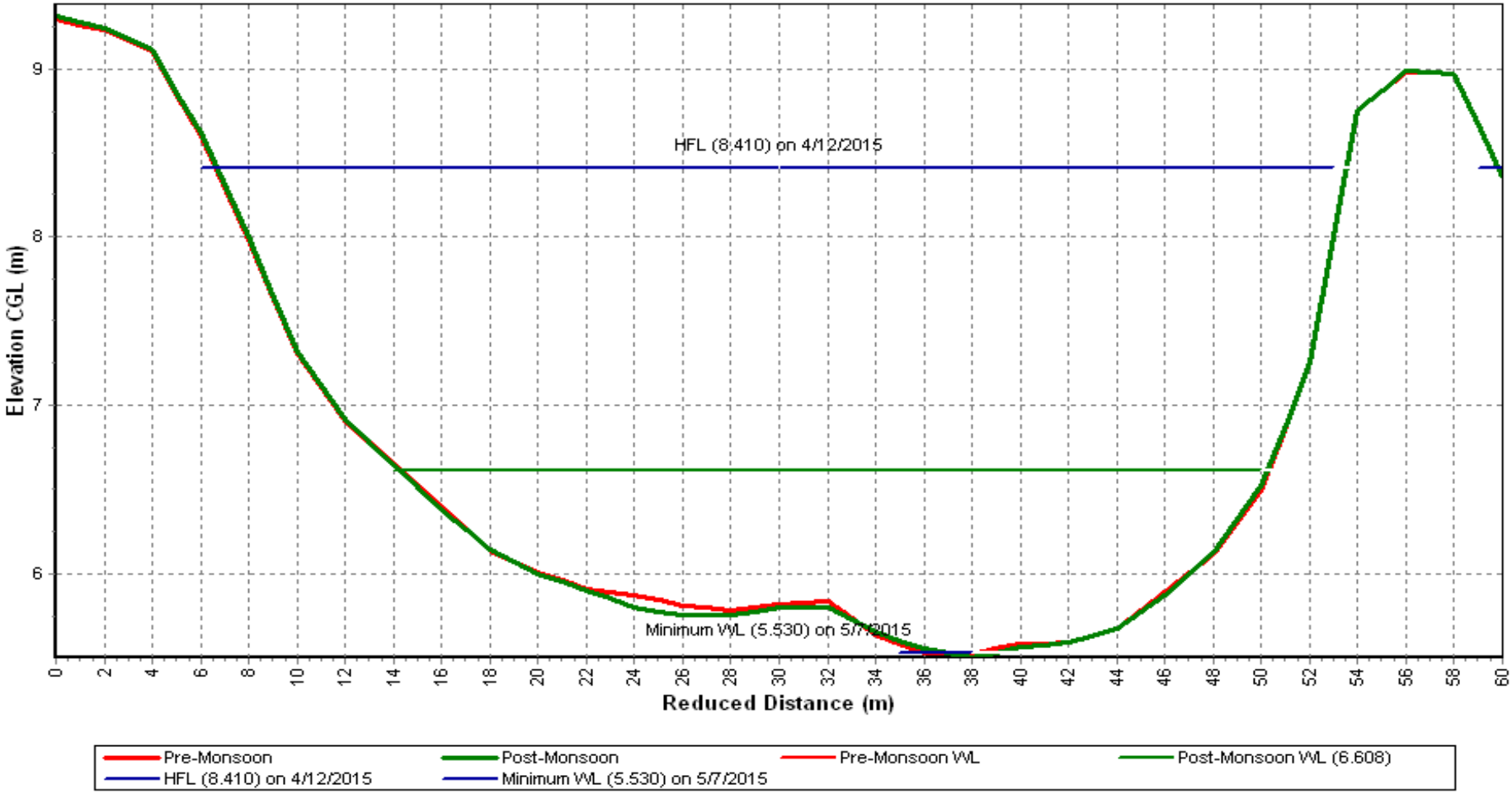
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

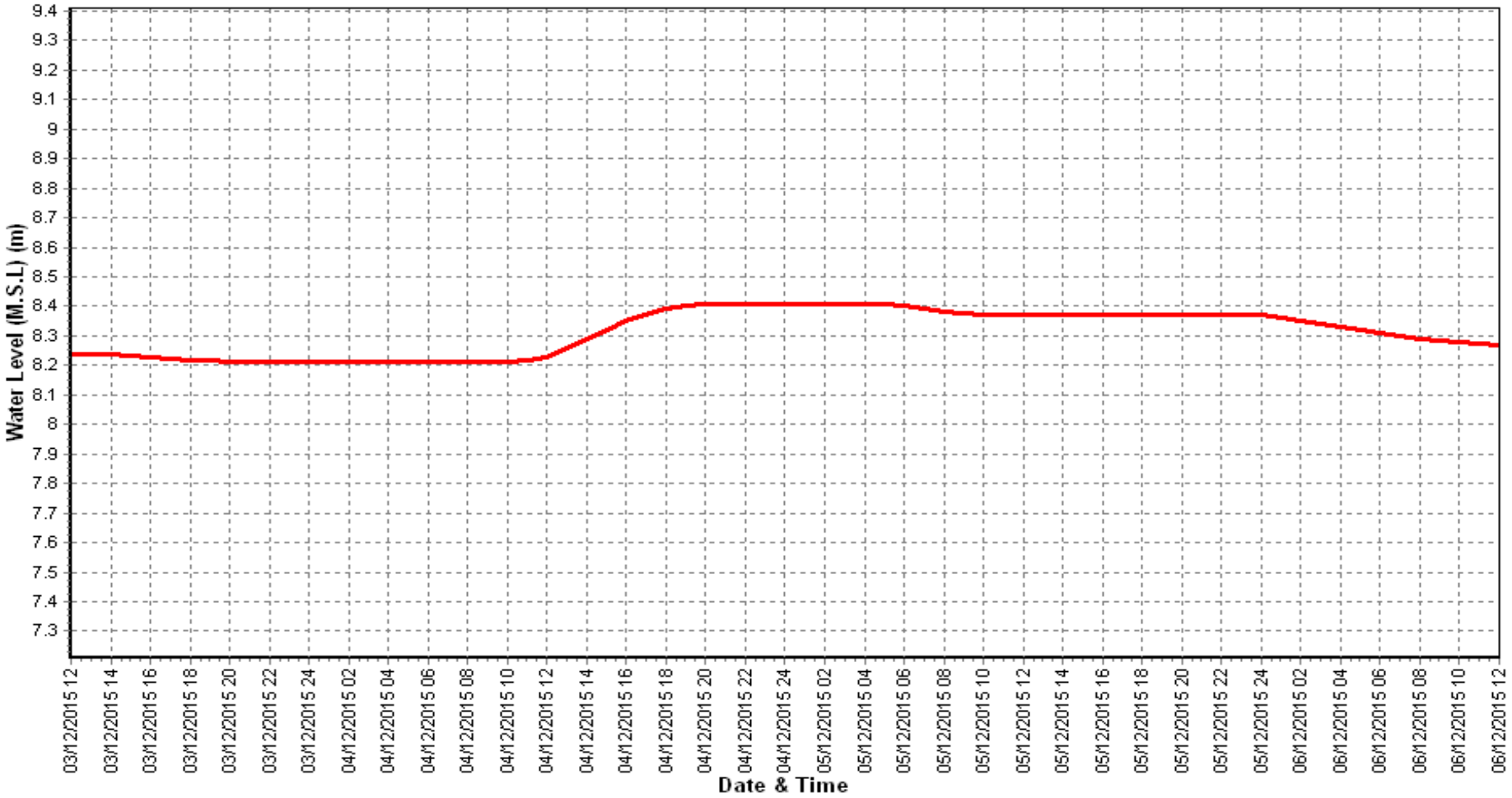
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

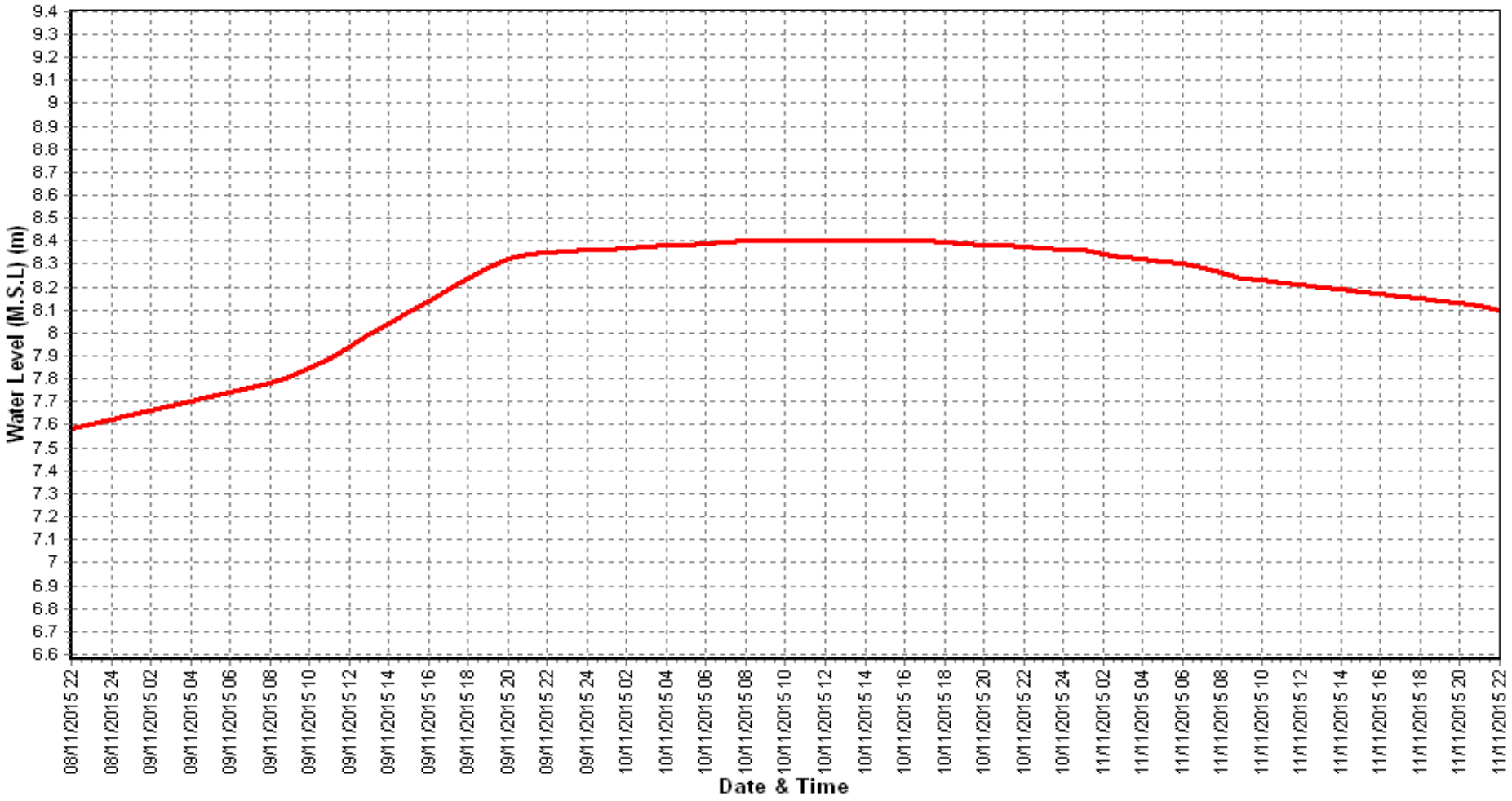


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

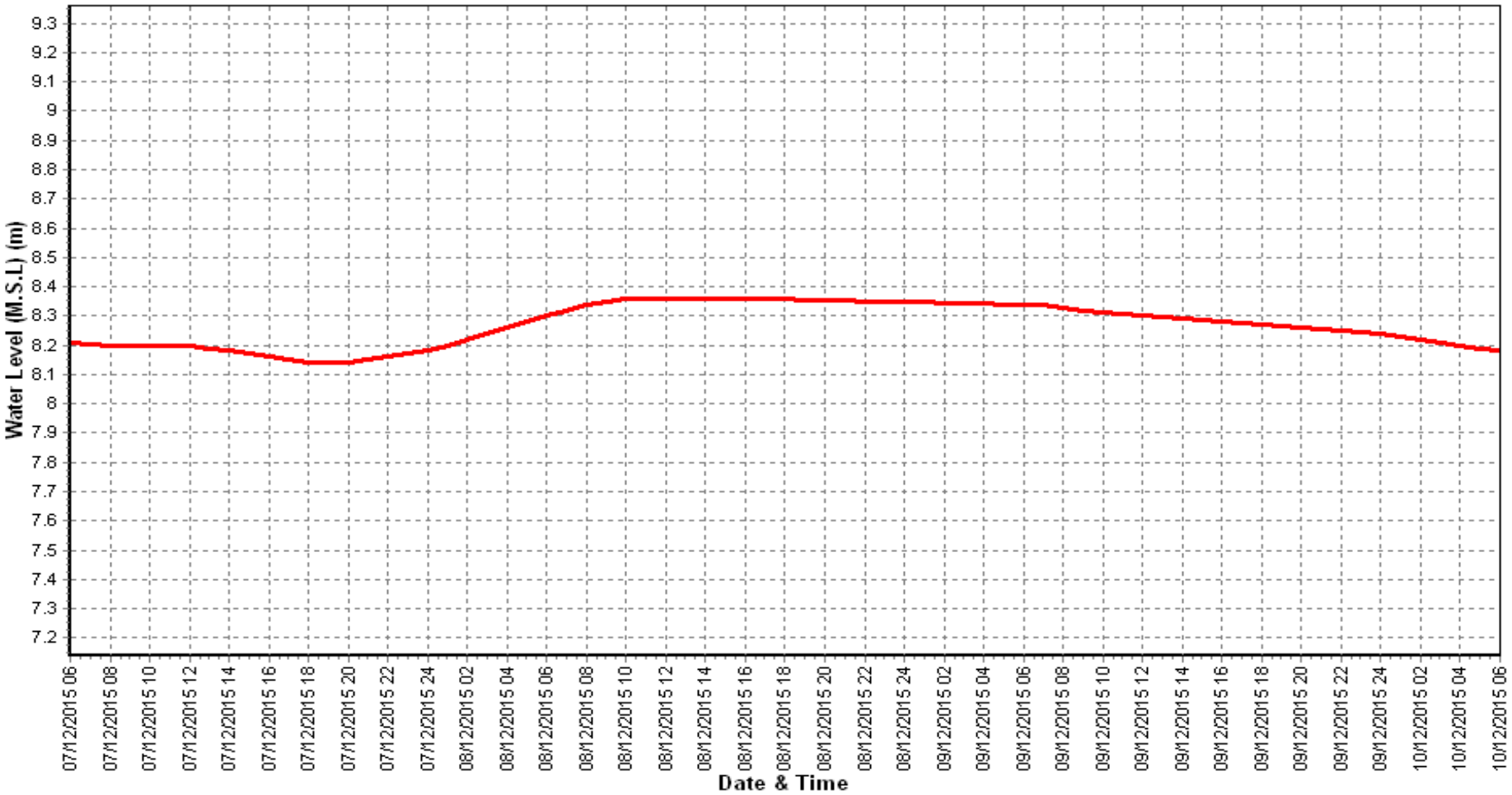


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	80.860	13.30	80.670	2.316	81.200	107.9	81.860	420.6	81.800	404.7	81.300	107.7 *
2	80.960	35.75	80.700	2.688	81.140	104.6 *	81.870	425.7	81.840	412.9 *	81.040	29.45
3	80.960	33.05	80.700	2.559	81.395	156.8	81.890	469.3	81.720	387.5	81.600	171.1
4	81.040	49.76 #	80.660	2.203	81.210	128.4	81.845	398.1	81.680	322.0 *	81.560	214.3 #
5	81.040	49.76 #	80.640	2.276 *	81.185	128.8	81.880	447.1	81.780	436.9	81.540	205.1 #
6	81.060	53.84	80.620	2.074	80.920	64.55	81.900	450.3 *	81.760	370.7	82.380	683.9
7	81.070	58.53 *	80.610	1.932	80.940	63.19	81.930	495.5	81.840	488.8	82.170	619.1
8	81.090	65.93	80.620	2.035	80.770	35.36	81.940	507.4	81.840	478.3	81.440	161.5 *
9	81.010	42.88	80.600	1.851	80.700	19.47 *	81.880	469.4	81.690	359.6	81.510	166.5
10	80.970	32.35 #	80.600	1.760	80.700	21.35	81.860	439.2	81.680	354.6	81.535	202.8 *
11	80.960	23.46	80.590	1.721	80.875	40.69	81.840	420.8	81.630	296.2 *	81.460	175.9
12	81.040	49.76 #	80.580	1.476 *	81.770	355.1	81.800	394.1	81.700	371.3	81.640	307.0
13	81.050	52.59 #	80.590	1.914	81.800	355.3	81.820	400.9 *	81.720	357.3	81.410	144.2
14	80.850	11.89 *	80.670	2.341	81.790	366.0	81.795	401.9	81.930	470.0	81.310	115.0
15	80.840	9.904	80.910	5.180	81.790	383.2 *	81.800	398.6	81.710	365.3	81.350	125.9 *
16	80.800	6.891	80.880	4.385	81.830	406.9 *	81.815	409.7	81.660	319.8	81.320	116.9
17	80.780	5.460	80.910	5.311	81.820	354.1	81.810	394.9 *	81.670	315.4	81.160	68.09
18	80.760	5.026	80.840	3.141 *	81.800	351.5	81.760	391.3	81.770	371.6 *	81.200	74.79
19	80.750	4.825	80.840	3.141 *	81.800	350.1	81.750	379.0	81.740	389.2	81.335	131.8
20	80.750	4.701	80.900	5.229	81.780	340.4	81.740	354.6 *	81.750	380.6	81.085	50.11
21	80.740	4.045 *	80.860	3.489	81.780	340.9	81.710	324.0	81.750	360.2 *	80.990	22.54 #
22	80.700	3.624	80.840	2.778	81.770	332.5	81.700	319.8	81.670	316.8 *	81.070	39.55 *
23	80.680	3.311	80.810	2.460	81.800	389.0 *	81.730	374.1	81.640	312.2	81.410	135.4
24	80.680	3.221	80.790	2.303	81.780	332.2	81.770	371.6 *	81.580	271.6 *	81.170	67.59
25	80.680	3.095	80.900	4.268	81.650	271.5	81.810	433.3	81.560	262.1 *	81.340	122.2 *
26	80.680	3.109	80.920	5.681 *	81.570	247.5	81.870	462.7	81.360	146.4	81.160	67.79
27	80.680	3.068	80.950	8.907	81.660	268.2	81.850	419.0 *	81.170	84.00	81.030	30.57 #
28	80.675	2.832 *	80.980	8.187 #	81.730	334.8	81.890	482.9	81.050	27.94	81.080	52.37
29	80.660	2.049	81.340	146.8	81.720	330.6	81.960	506.9	81.070	29.85	81.500	187.1 *
30	80.660	2.029	81.350	153.0	81.740	354.6 *	81.900	442.2	81.430	163.8	81.030	32.37
31			81.235	124.4	81.860	419.2			81.440	167.2		
Ten-Daily Mean												
I Ten-Daily	81.006	43.51	80.642	2.169	81.016	83.05	81.886	452.2	81.763	401.6	81.608	256.1
II Ten-Daily	80.858	17.45	80.771	3.384	81.705	330.3	81.793	394.6	81.728	363.7	81.327	131.0
III Ten-Daily	80.683	3.038	80.998	42.02	81.733	329.2	81.819	413.6	81.429	194.7	81.178	75.74
Monthly												
Min.	80.660	2.029	80.580	1.476	80.700	19.47	81.700	319.8	81.050	27.94	80.990	22.54
Max.	81.090	65.93	81.350	153.0	81.860	419.2	81.960	507.4	81.930	488.8	82.380	683.9
Mean	80.849	21.33	80.810	16.7	81.493	250.2	81.833	420.2	81.633	316	81.371	154.3

Annual Runoff in MCM = 4562 Annual Runoff in mm = 69

Peak Observed Discharge = 683.9 cumecs on 06/11/2015 Corres. Water Level :82.38 m

Lowest Observed Discharge = 1.721 cumecs on 11/07/2015 Corres. Water Level :80.59 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

Stage-Discharge Data for the period 2015 - 2016

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	81.000	8.377 #	81.875	437.6	81.215	123.8	80.610	17.91	80.805	7.964	80.600	3.250 *
2	81.635	196.8	81.890	454.8	80.830	48.60 #	80.600	12.75	80.810	7.940	80.630	4.394
3	81.500	150.9	81.870	357.8 *	80.920	66.73	80.610	16.73	80.800	8.225 *	80.640	5.041
4	81.590	193.3	81.880	450.0	80.940	68.48	80.555	11.28	80.790	7.411	80.700	6.199
5	81.555	160.8	82.010	382.8	80.675	22.84	81.070	46.96 #	80.780	6.676	80.720	6.708
6	81.550	147.9 *	82.020	369.0	80.880	57.59 #	80.810	11.43 *	80.770	6.602	80.740	7.091
7	81.630	215.6	82.040	425.0	81.030	88.43 *	80.790	9.987	80.760	5.745	80.770	10.12
8	82.080	565.4	82.020	397.7	81.185	147.8	80.770	8.929	80.760	5.305	80.780	9.536 *
9	82.050	479.7	82.010	383.0	81.140	129.6	80.800	12.22	80.750	5.154	80.760	8.929
10	81.840	300.9 #	82.010	417.3 *	81.190	144.6	80.780	7.184	80.750	5.601 *	80.760	8.418
11	81.690	214.5 #	81.970	468.8	81.100	104.6	81.120	59.28	80.765	6.594	80.770	10.10
12	81.200	37.76 #	81.860	298.1	81.045	85.62	81.150	60.88	80.765	6.271	80.750	7.409
13	81.590	165.6 *	81.850	287.9	81.060	86.63	81.130	39.28 *	80.750	5.975	80.740	6.541
14	81.570	134.1	81.790	243.6	81.210	132.8 *	80.980	23.97	80.800	8.225 *	80.720	5.642
15	81.670	224.2	81.740	306.1 *	81.230	148.8	80.950	18.55	80.840	10.26	80.710	6.702 *
16	81.440	110.9	81.720	235.1	81.240	150.2	80.880	14.31	80.865	13.66	80.700	6.338 *
17	81.165	33.33	81.520	226.7 *	81.195	150.9	80.820	8.447	80.860	12.08 *	80.760	8.616
18	81.180	32.27	81.490	216.6 #	81.200	156.7	80.770	7.691	80.945	20.91	80.780	10.20
19	81.215	45.89	81.470	210.1 #	81.200	156.1	80.770	7.750	80.915	18.70	80.800	11.59
20	81.400	91.10 *	81.280	141.1	81.200	155.0	80.740	5.139 *	80.870	13.91 *	80.820	11.63
21	81.360	68.83	81.270	140.3	81.190	127.4 *	80.760	6.084 #	80.695	5.986	80.950	18.47 *
22	81.315	51.48	81.250	120.5	81.110	106.6	80.770	7.094	80.680	5.279	80.880	14.44 *
23	81.270	56.04	81.305	143.4	80.830	48.42	80.830	8.825	80.660	4.303	80.820	13.51
24	81.080	17.40 *	81.340	169.5 *	80.785	39.76	80.900	14.34	80.660	4.981 *	80.770	10.31
25	81.600	170.2 *	81.230	123.7	80.730	37.03	80.900	15.08 *	80.670	4.847	80.770	10.01
26	81.725	202.3	80.820	46.88 *	80.670	27.29	80.890	12.64	80.650	4.728	80.710	7.086
27	81.730	236.0 *	80.825	42.17	80.640	23.86	80.870	12.80 *	80.620	4.209	80.700	6.468
28	81.770	221.9	80.840	50.34 #	80.640	20.68 *	80.900	15.15	80.615	4.182	80.710	7.448
29	81.780	223.2	80.830	48.60 #	80.640	22.84	80.865	13.25	80.610	3.884	80.700	6.338 *
30	81.765	219.8	80.990	61.05			80.840	10.07	80.605	3.822	80.675	4.158
31	81.800	264.2	81.650	272.3 *			80.820	7.745			80.670	4.093
Ten-Daily Mean												
I Ten-Daily	81.643	242.0	81.963	407.5	81.001	89.85	80.740	15.54	80.777	6.662	80.710	6.968
II Ten-Daily	81.412	109.0	81.669	263.4	81.168	132.7	80.931	24.53	80.838	11.66	80.755	8.477
III Ten-Daily	81.563	157.4	81.123	110.8	80.804	50.43	80.850	11.19	80.646	4.622	80.760	9.303
Monthly												
Min.	81.000	8.377	80.820	42.17	80.640	20.68	80.555	5.139	80.605	3.822	80.600	3.250
Max.	82.080	565.4	82.040	468.8	81.240	156.7	81.150	60.88	80.945	20.91	80.950	18.47
Mean	81.540	169	81.570	255.7	80.997	92.4	80.840	16.9	80.754	7.647	80.742	8.284

Peak Computed Discharge = 450.3 cumecs on 06/09/2015 **Corres. Water Level :81.9 m**

Lowest Computed Discharge = 1.476 cumecs on 12/07/2015 **Corres. Water Level :80.58 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

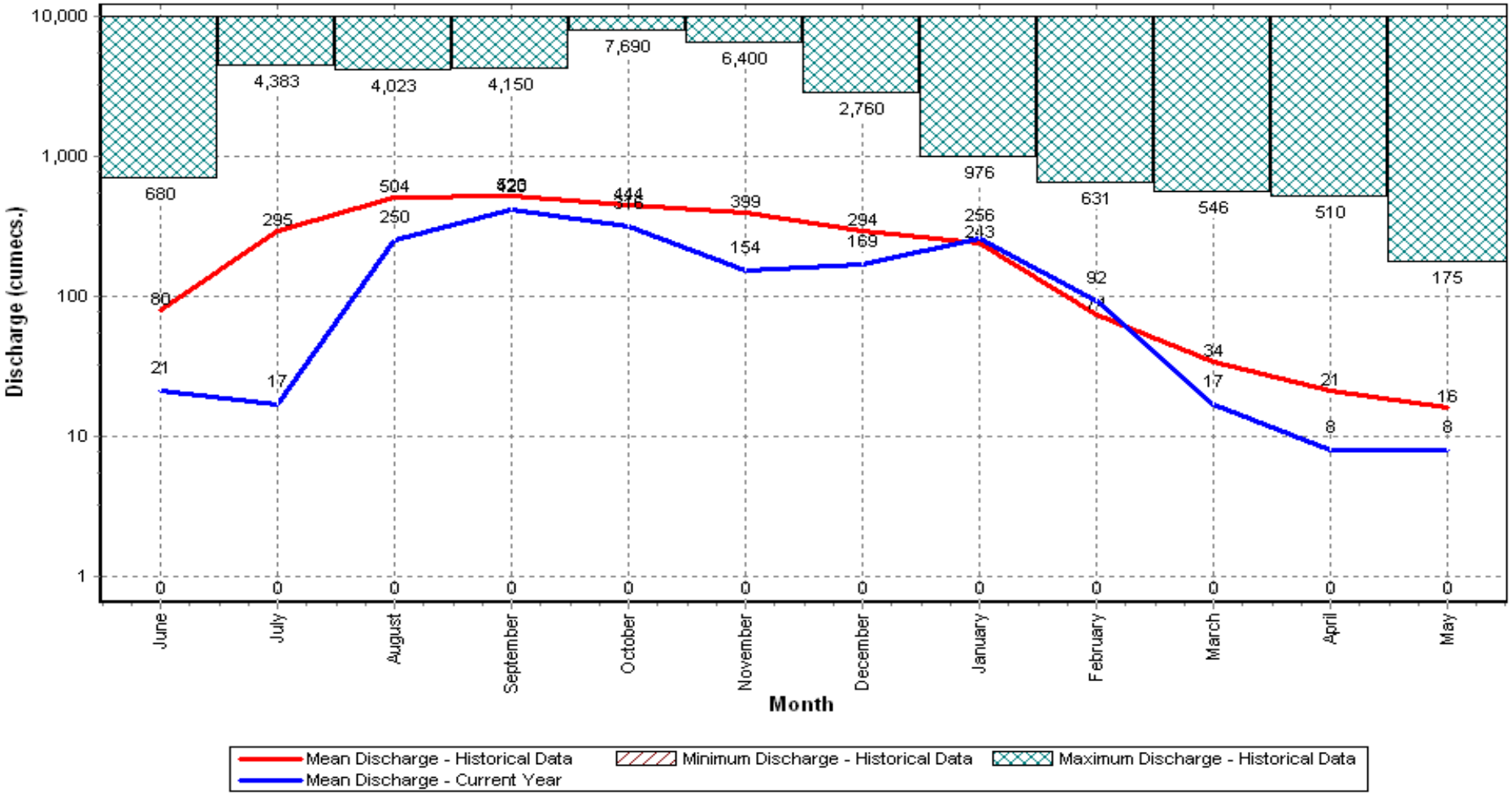
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : MUSIRI (CC000G4) | **Data considered : 1973-2016** | **Division : SR Division, Coimbatore**

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



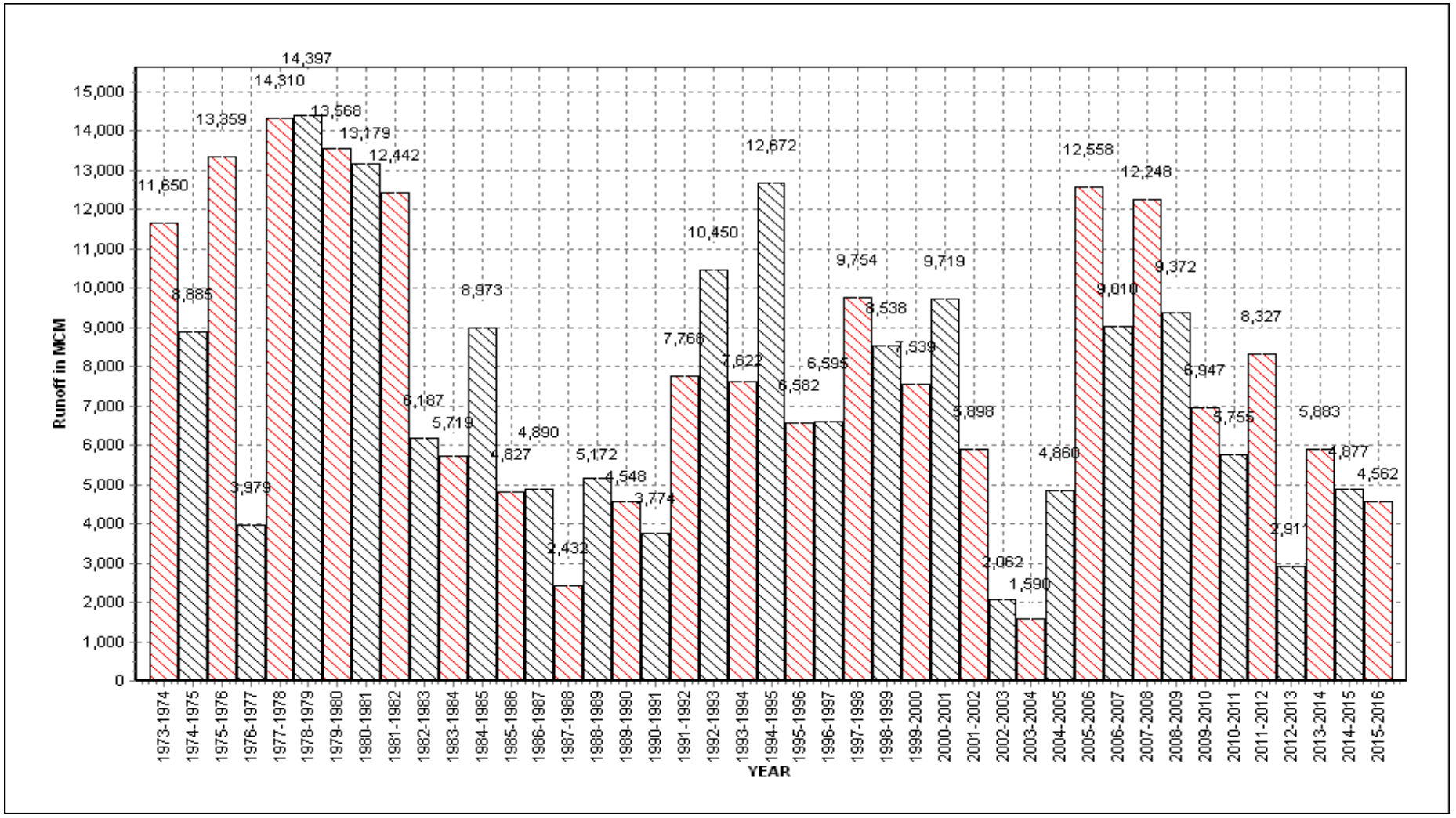
Annual Runoff Values for the period: 1973 - 2016

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi

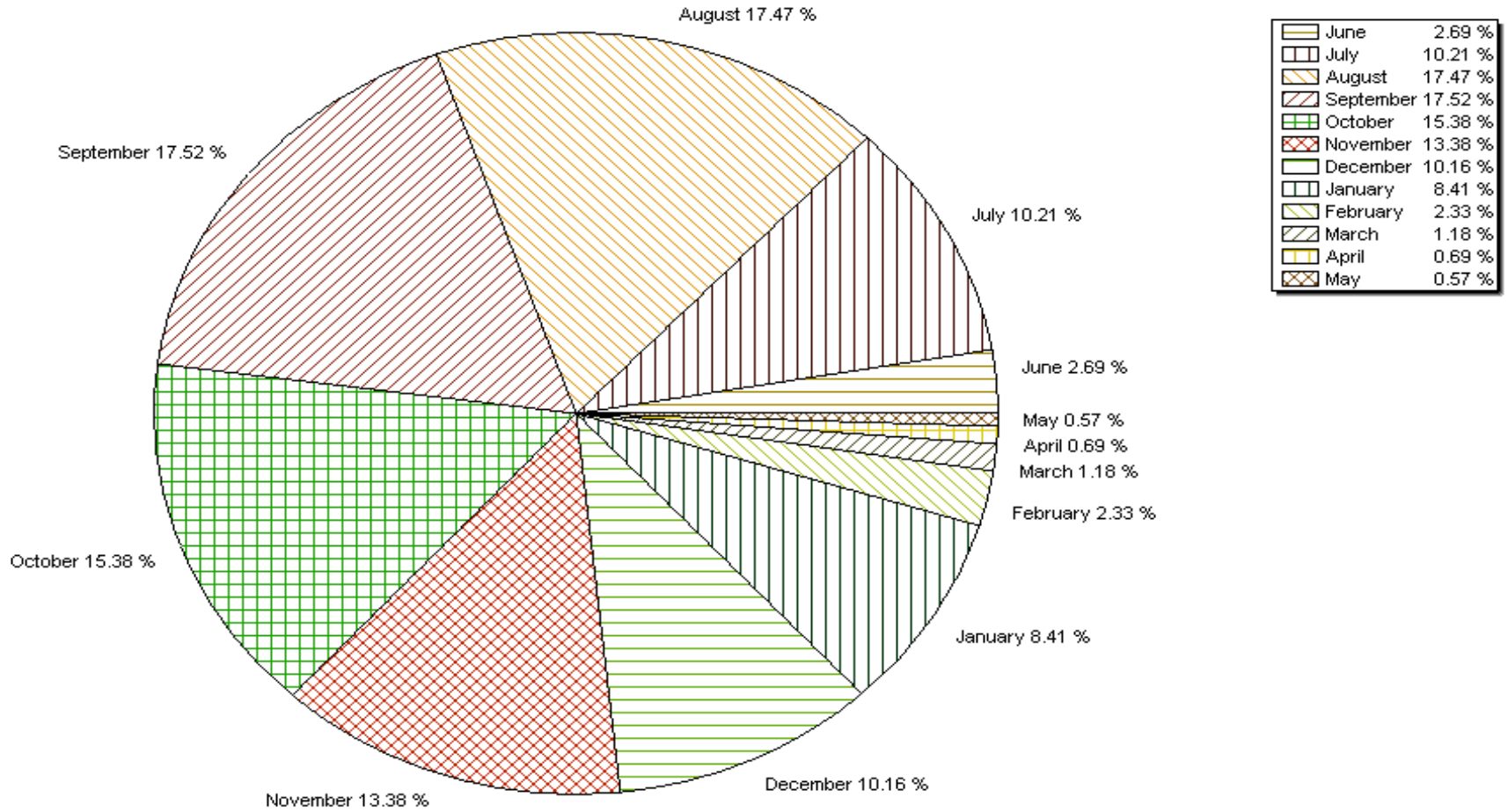


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1973-2015

Station Name : MUSIRI (CC000G4)
Local River : Cauvery

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



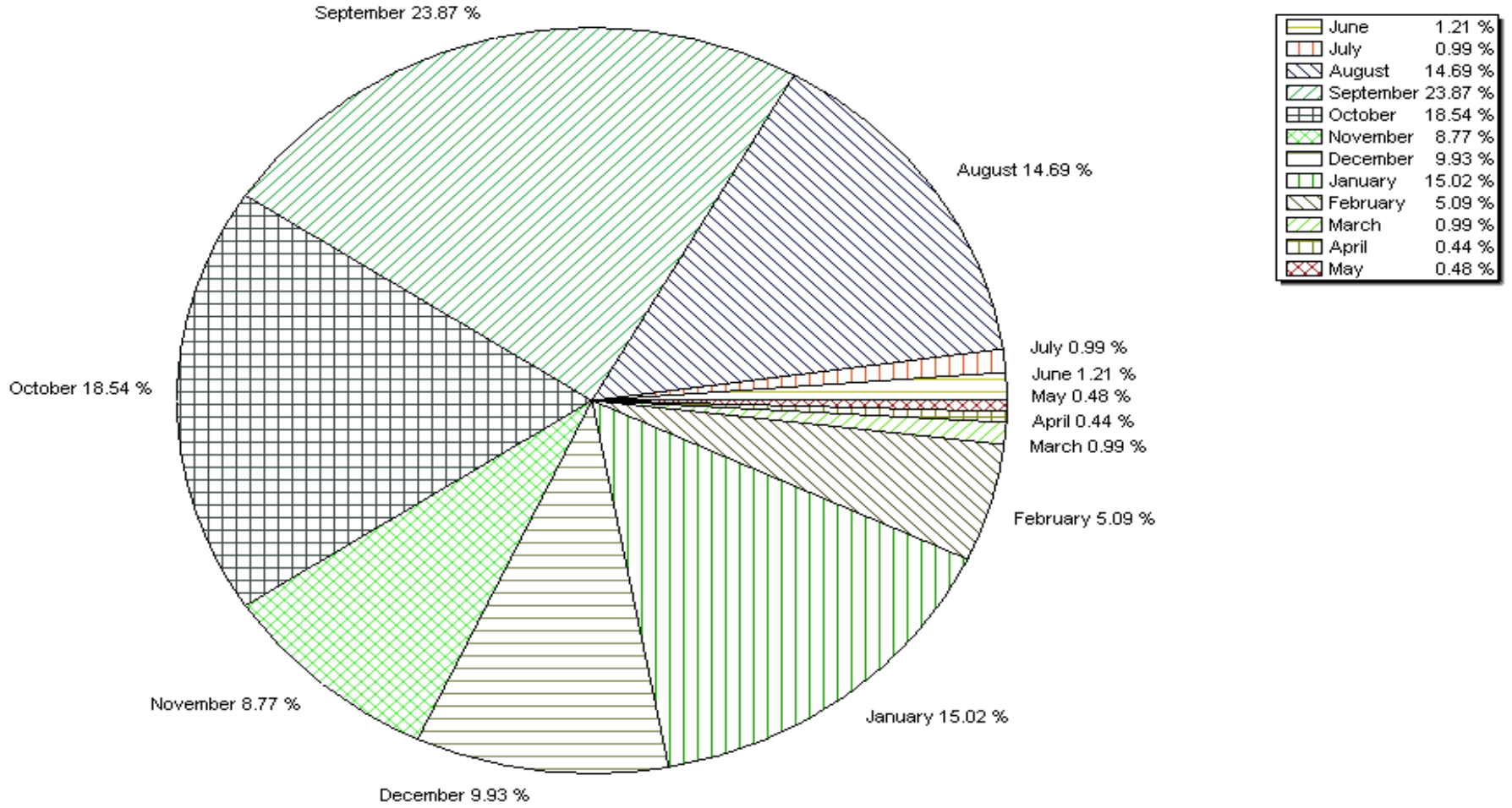
Monthly Runoff for the Year : 2015-2016

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



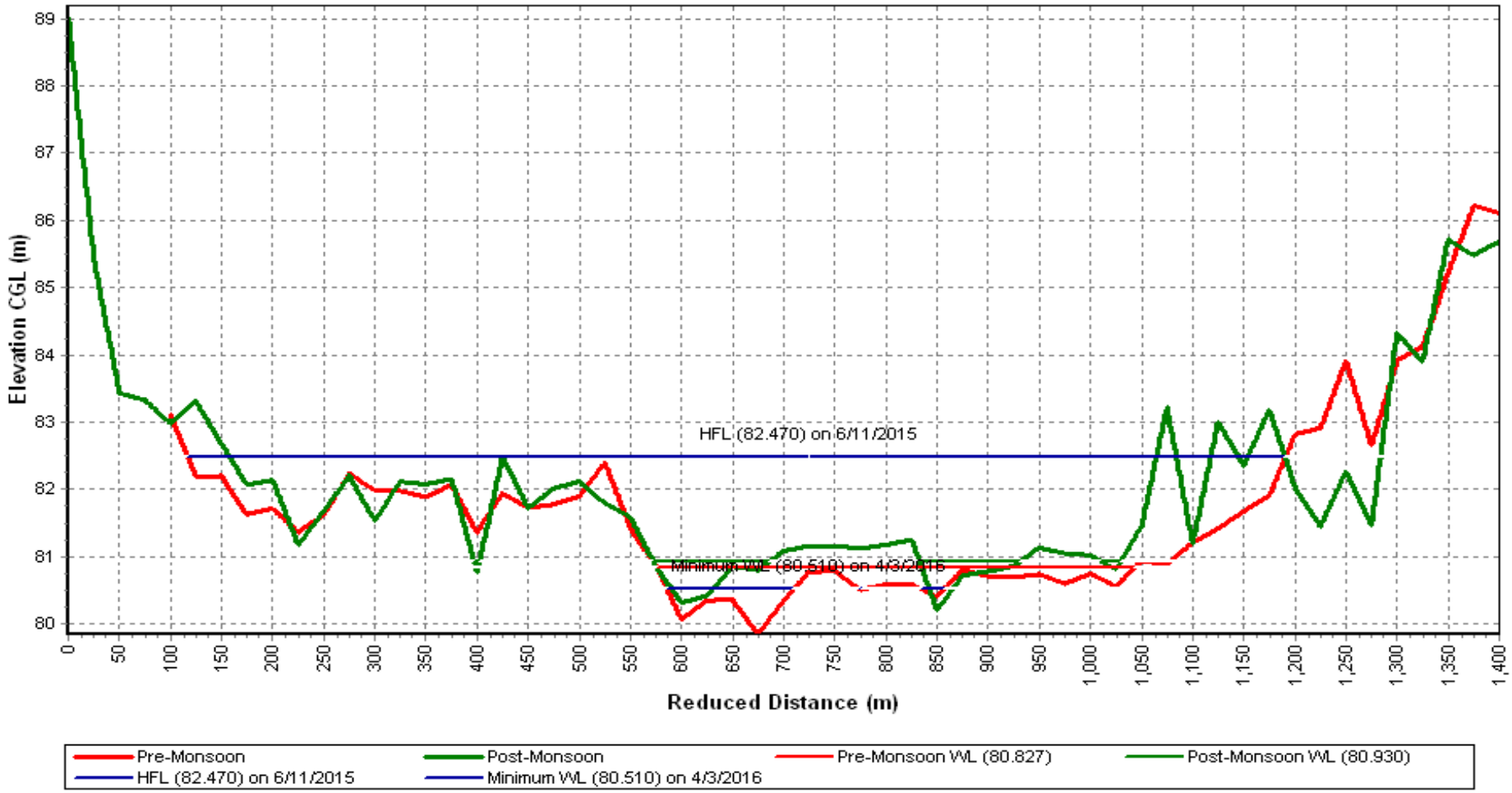
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



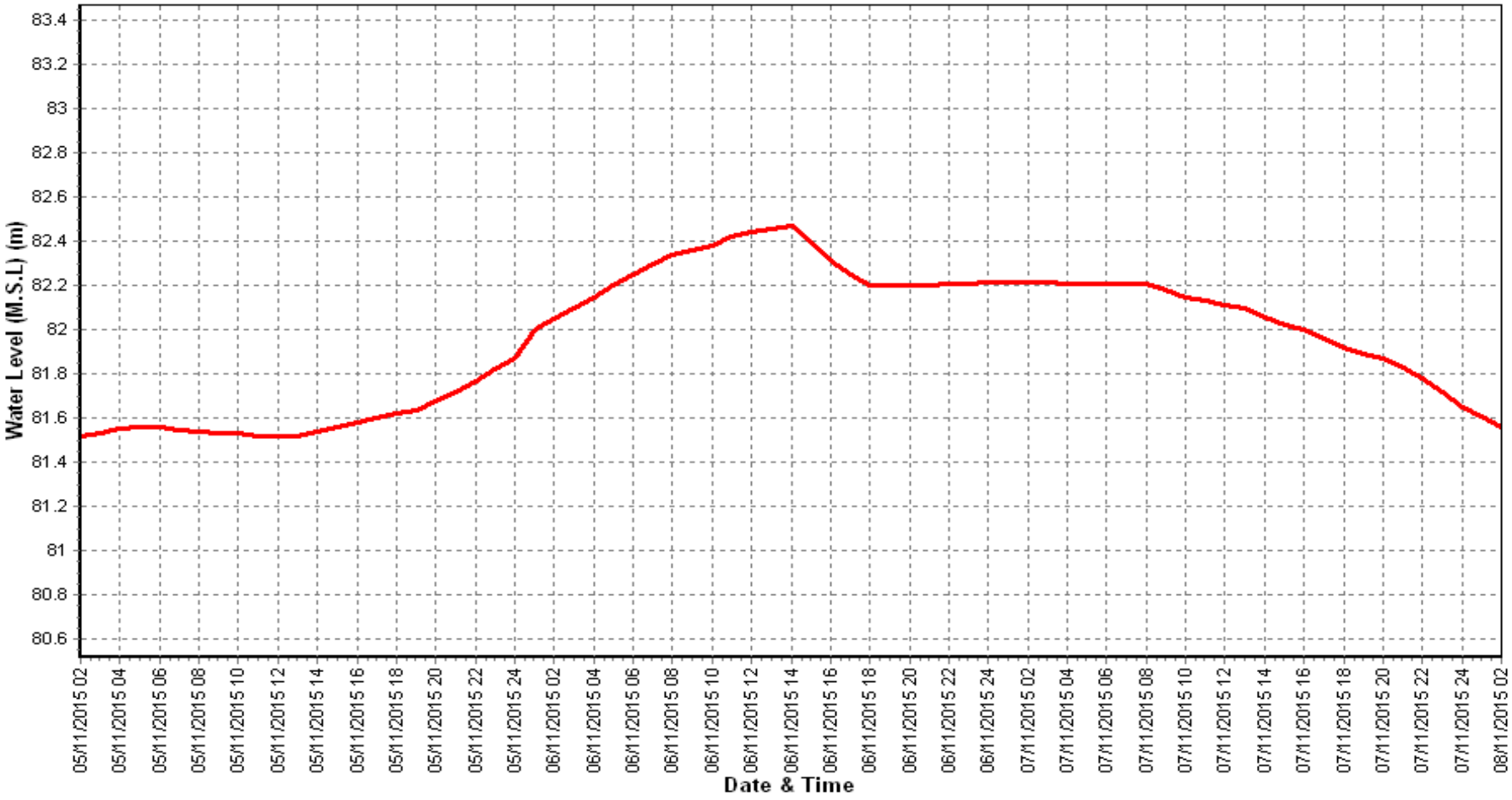
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : MUSIRI (CC000G4)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Lower Cauvery SD, Trichi

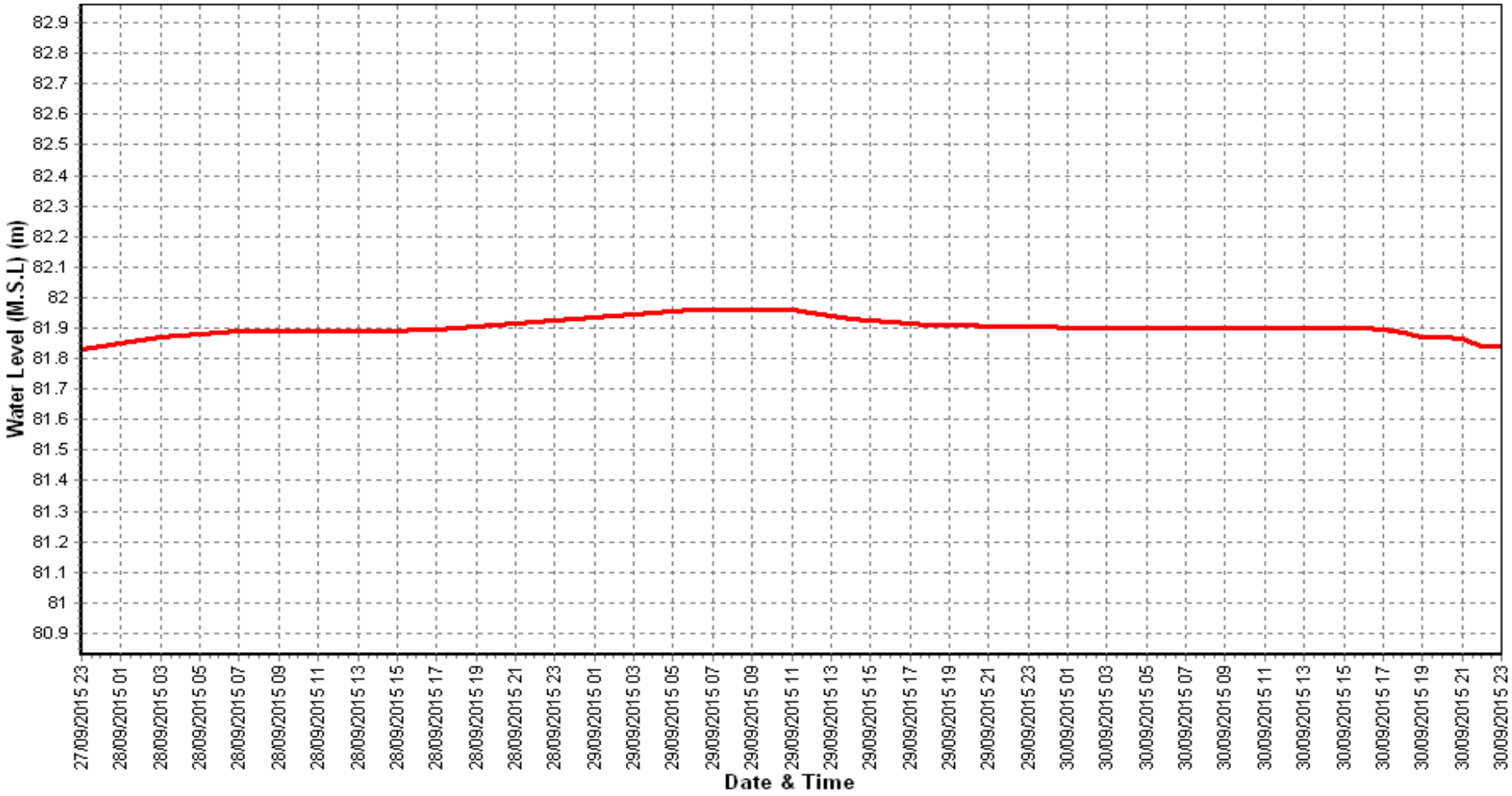


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

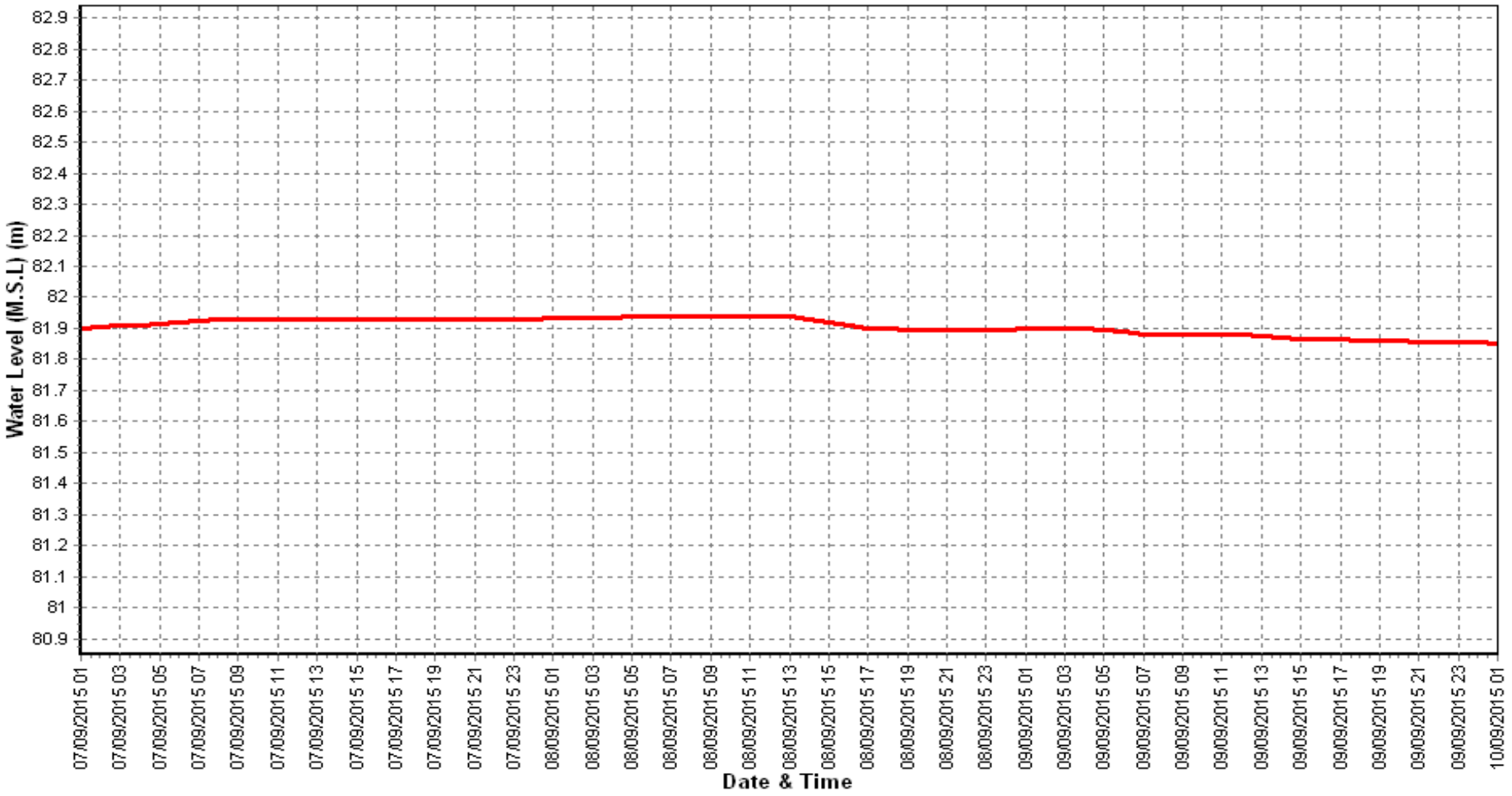


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	128.190	0.000		0.000	128.130	0.000		0.000	128.760	21.08		0.000
2	128.170	0.000		0.000	128.020	0.000		0.000	128.500	7.318 *		0.000
3	128.160	0.000		0.000		0.000		0.000	128.370	2.757		0.000
4	128.150	0.000		0.000		0.000		0.000	128.260	0.471 *		0.000
5	128.150	0.000		0.000		0.000		0.000	128.220	0.000		0.000
6	128.130	0.000		0.000		0.000		0.000	128.220	0.000	128.220	0.000
7	128.110	0.000		0.000		0.000		0.000	128.230	0.000	128.210	0.000
8	128.100	0.000		0.000		0.000		0.000	128.220	0.000	128.200	0.000
9	128.070	0.000		0.000		0.000		0.000	128.200	0.000	128.200	0.000
10	128.050	0.000		0.000		0.000		0.000	128.190	0.000	128.210	0.000
11		0.000		0.000		0.000		0.000	128.170	0.000	128.230	0.000
12		0.000		0.000		0.000		0.000	128.210	0.000	128.230	0.000
13		0.000		0.000		0.000		0.000	128.220	0.000	128.390	3.472
14		0.000		0.000		0.000		0.000	128.200	0.000	128.260	0.473
15		0.000		0.000		0.000		0.000	128.200	0.000	128.600	12.25 *
16		0.000		0.000		0.000		0.000	128.190	0.000	128.530	8.683
17		0.000		0.000		0.000		0.000	128.180	0.000	128.450	4.618
18		0.000		0.000		0.000		0.000	128.170	0.000	128.310	1.364
19		0.000		0.000		0.000		0.000	128.130	0.000	128.260	0.461
20		0.000	128.750	21.21		0.000		0.000	128.090	0.000	128.260	0.456
21		0.000	128.750	21.16		0.000		0.000	128.040	0.000	128.260	0.472
22		0.000	128.680	17.53		0.000		0.000	128.020	0.000	128.380	2.969 *
23		0.000	128.480	5.999		0.000		0.000		0.000	128.460	5.103
24		0.000	128.420	4.439		0.000	128.690	18.17		0.000	128.410	4.240
25		0.000	128.350	2.527		0.000	128.560	10.80		0.000	128.770	23.21 *
26		0.000	128.340	1.920 *		0.000	128.480	6.401		0.000	128.550	9.127
27		0.000	128.420	4.321		0.000	128.480	6.471 *		0.000	128.400	3.505
28		0.000	128.260	0.420		0.000	128.400	3.310		0.000	128.350	2.557
29		0.000	128.220	0.000		0.000	128.540	8.891		0.000	128.280	0.749 *
30		0.000	128.180	0.000		0.000	128.670	16.64		0.000	128.260	0.462
31			128.150	0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily	128.128	0.000		0.000	128.075	0.000		0.000	128.317	3.163	128.208	0.000
II Ten-Daily		0.000	128.750	2.121		0.000		0.000	128.176	0.000	128.352	3.178
III Ten-Daily		0.000	128.386	5.302		0.000	128.546	7.068	128.030	0.000	128.412	5.239
Monthly												
Min.	128.050	0.000	128.150	0.000	128.020	0.000	128.400	0.000	128.020	0.000	128.200	0.000
Max.	128.190	0.000	128.750	21.21	128.130	0.000	128.690	18.17	128.760	21.08	128.770	23.21
Mean	128.128	0	128.417	2.566	128.075	0	128.546	2.356	128.227	1.02	128.347	2.806

Annual Runoff in MCM = 358 Annual Runoff in mm = 39

Peak Observed Discharge = 672.0 cumecs on 07/12/2015 Corres. Water Level :130.79 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :128.19 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

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	128.230	0.000	128.230	0.000	128.190	0.000	128.170	0.000		0.000		0.000
2	128.230	0.000	128.230	0.000	128.180	0.000	128.200	0.000		0.000		0.000
3	128.380	3.275	128.230	0.000	128.180	0.000	128.190	0.000		0.000		0.000
4	128.810	62.98 #	128.240	0.000	128.170	0.000	128.190	0.000		0.000		0.000
5	129.200	152.1 #	128.470	7.360	128.160	0.000	128.180	0.000		0.000		0.000
6	128.960	93.99 *	128.370	2.866	128.130	0.000	128.170	0.000		0.000		0.000
7	130.790	672.0	128.350	2.448	128.110	0.000	128.160	0.000		0.000		0.000
8	130.660	643.7	128.450	6.309	128.480	6.391	128.190	0.000		0.000		0.000
9	130.220	403.4	128.530	9.141	128.440	5.146	128.180	0.000		0.000		0.000
10	129.740	318.0	128.490	7.338 *	128.410	4.468	128.190	0.000		0.000		0.000
11	129.600	287.4	128.380	3.251	128.380	3.905	128.180	0.000		0.000		0.000
12	129.550	275.6	128.370	3.462	128.300	1.376 #	128.160	0.000		0.000		0.000
13	129.320	184.8 *	128.270	0.731	128.200	0.000	128.150	0.000		0.000		0.000
14	129.420	242.5	128.240	0.000	128.190	0.000	128.150	0.000		0.000		0.000
15	129.370	230.9	128.240	0.000	128.170	0.000	128.130	0.000		0.000		0.000
16	129.190	55.11	128.240	0.000	128.190	0.000	128.130	0.000		0.000		0.000
17	129.110	47.51	128.230	0.000	128.170	0.000	128.130	0.000		0.000		0.000
18	128.870	29.22	128.230	0.000	128.160	0.000	128.120	0.000		0.000		0.000
19	128.810	23.14	128.230	0.000	128.160	0.000	128.060	0.000		0.000		0.000
20	128.670	16.07 *	128.220	0.000	128.140	0.000		0.000		0.000		0.000
21	128.600	11.76	128.220	0.000	128.130	0.000		0.000		0.000		0.000
22	128.550	9.207	128.220	0.000	128.100	0.000		0.000		0.000		0.000
23	128.410	3.779	128.220	0.000	128.070	0.000		0.000		0.000		0.000
24	128.380	3.426 *	128.400	4.048 *	128.050	0.000		0.000		0.000		0.000
25	128.370	3.130 *	128.550	9.267	128.050	0.000		0.000		0.000		0.000
26	128.360	2.639	128.500	7.750 *	128.050	0.000		0.000		0.000		0.000
27	128.360	2.845 *	128.460	6.549	128.150	0.000		0.000		0.000		0.000
28	128.270	0.809 #	128.410	5.513	128.180	0.000		0.000		0.000		0.000
29	128.240	0.000	128.310	1.591 #	128.200	0.000		0.000		0.000		0.000
30	128.240	0.000	128.240	0.000				0.000		0.000		0.000
31	128.240	0.000	128.240	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	129.322	234.9	128.359	3.546	128.245	1.601	128.182	0.000		0.000		0.000
II Ten-Daily	129.191	139.2	128.265	0.744	128.206	0.528	128.134	0.000		0.000		0.000
III Ten-Daily	128.365	3.417	128.343	3.156	128.109	0.000		0.000		0.000		0.000
Monthly												
Min.	128.230	0.000	128.220	0.000	128.050	0.000	128.060	0.000		0.000		0.000
Max.	130.790	672.0	128.550	9.267	128.480	6.391	128.200	0.000		0.000		0.000
Mean	128.940	121.9	128.323	2.504	128.189	0.734	128.159	0		0		0

Peak Computed Discharge = 184.8 cumecs on 13/12/2015 **Corres. Water Level :129.32 m**

Lowest Computed Discharge = 0.471 cumecs on 04/10/2015 **Corres. Water Level :128.26 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

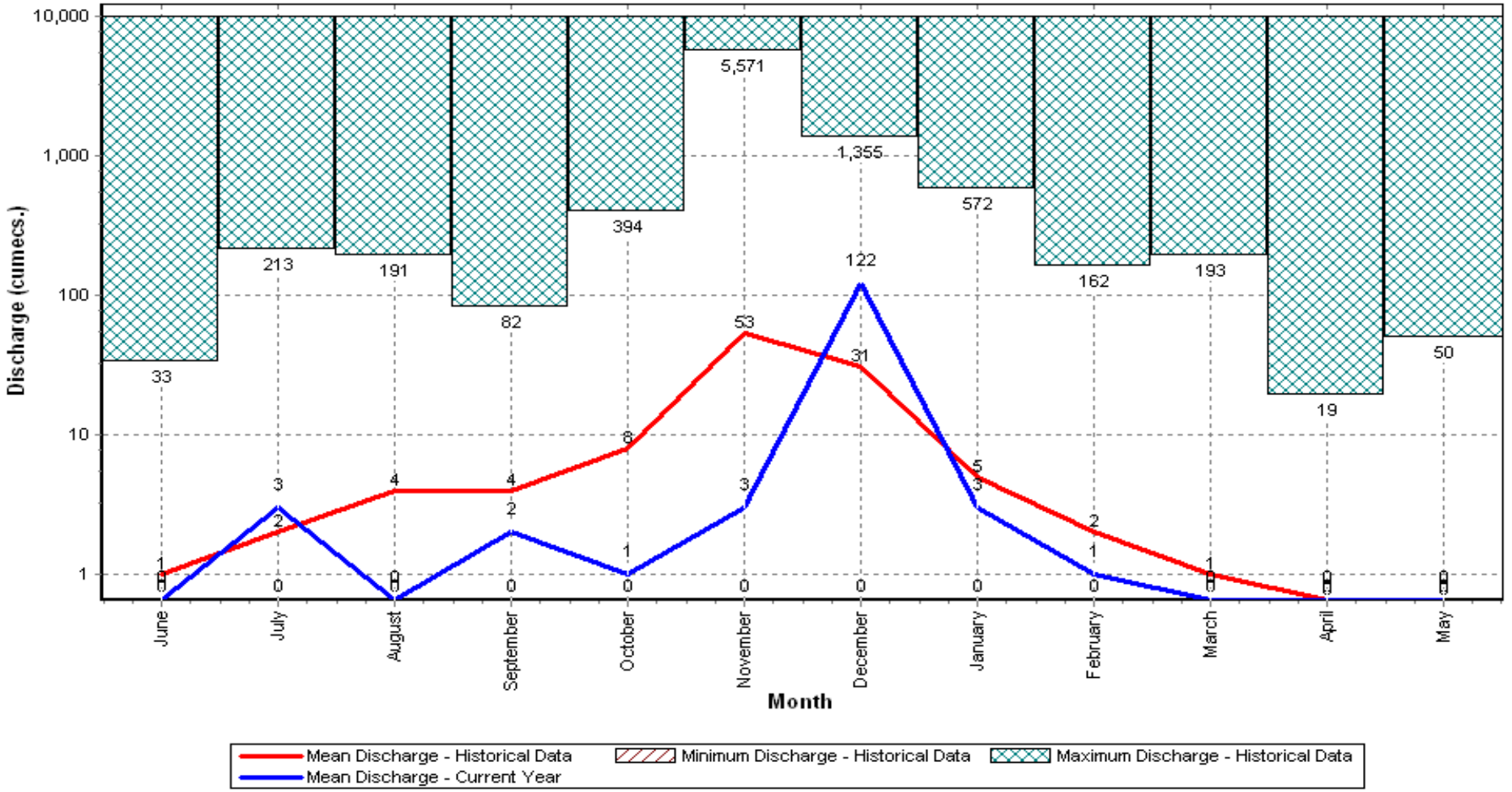
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : NALLAMARANPATTY (CCD00D5) **Data considered : 1978-2016** **Division : SR Division, Coimbatore**

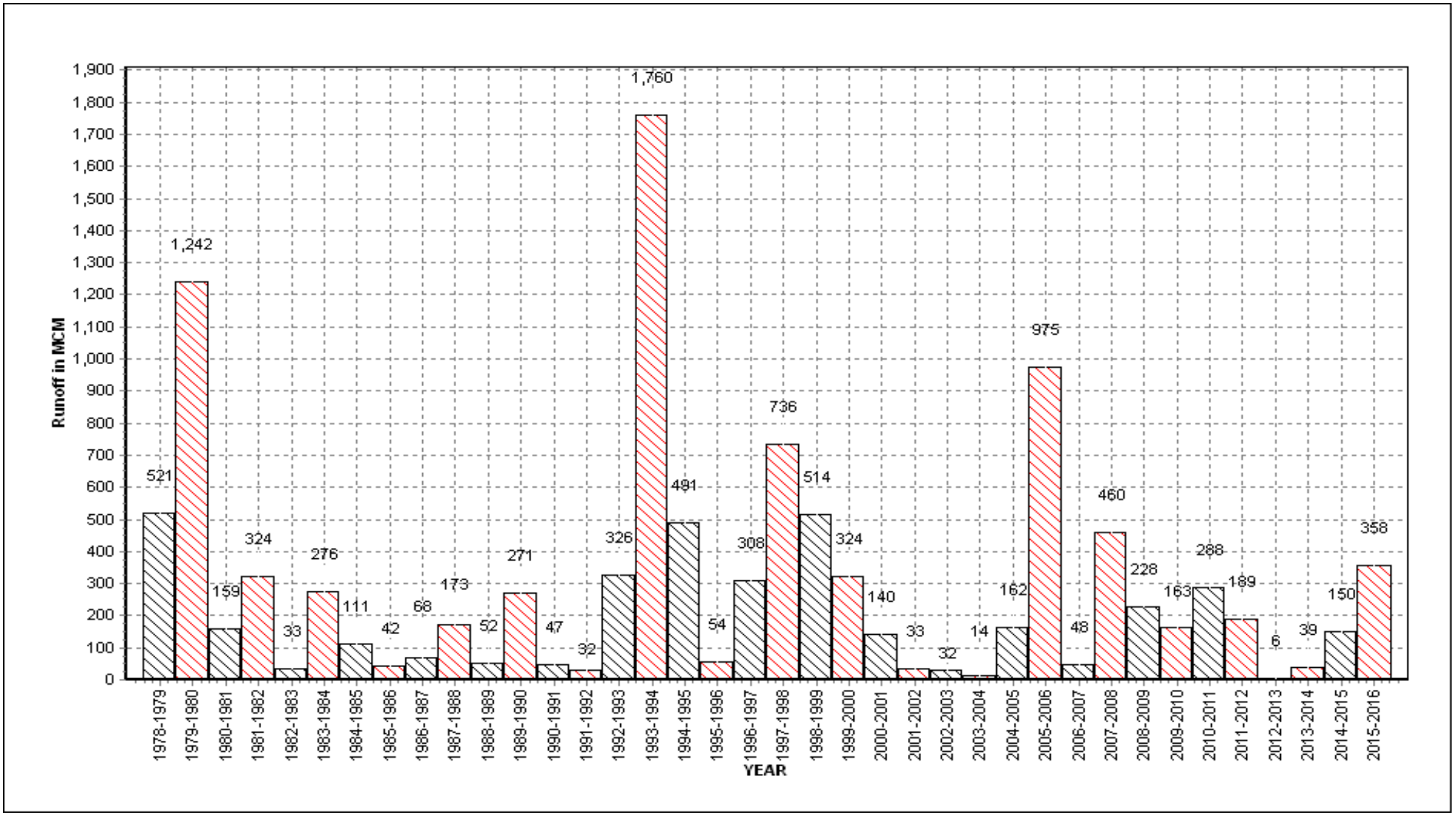
Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1978 - 2016

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

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

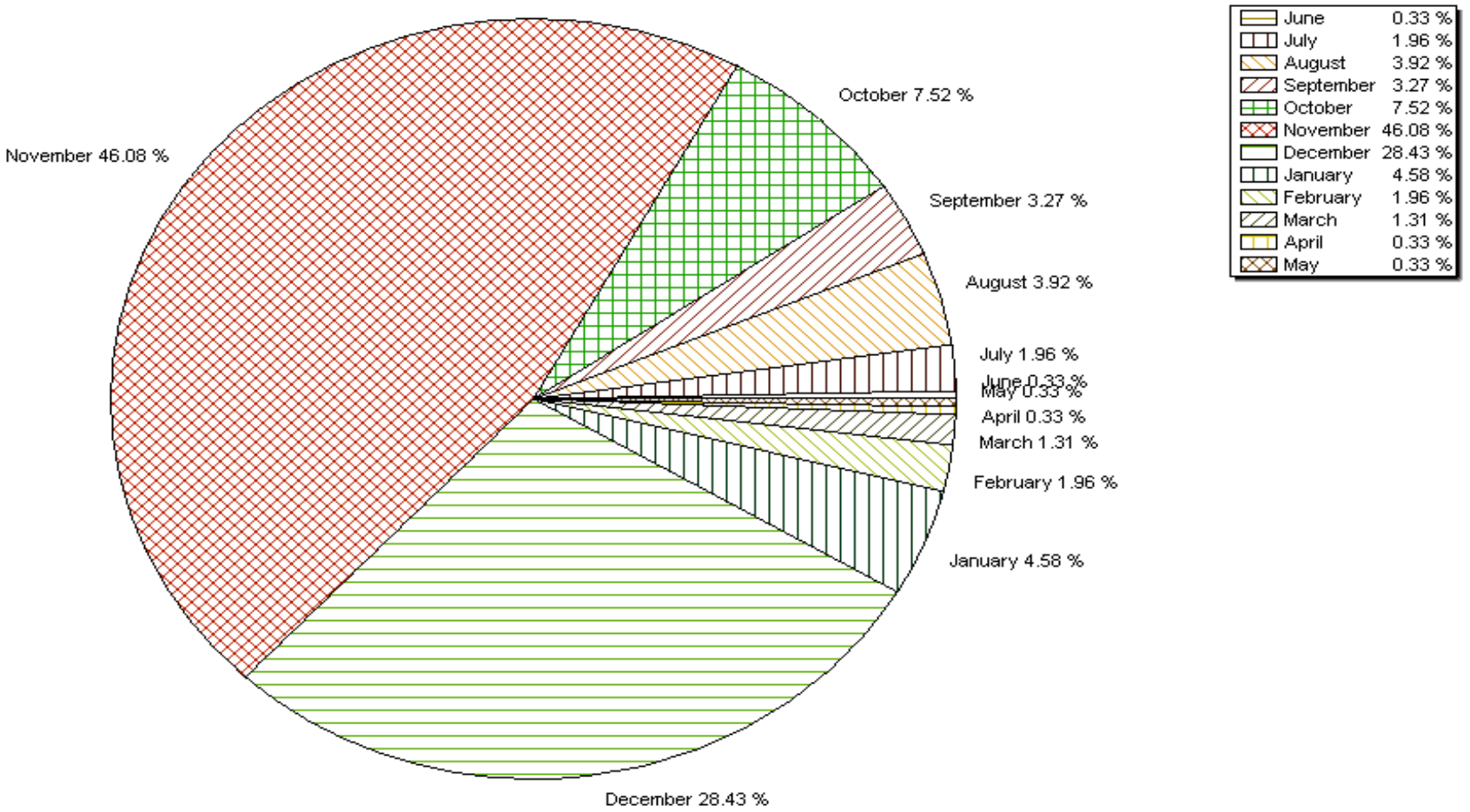


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1978-2015

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

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



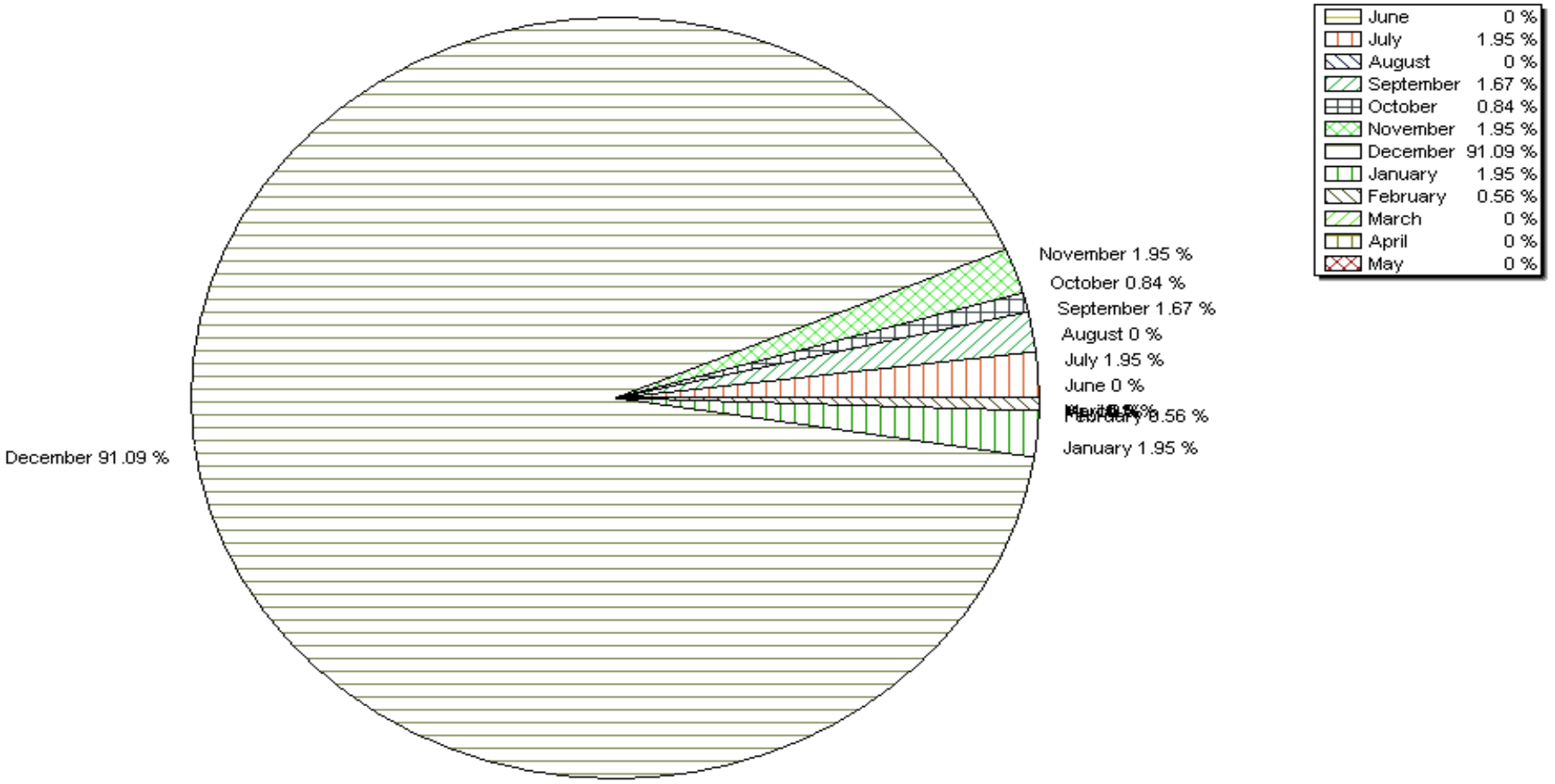
Monthly Runoff for the Year : 2015-2016

Station Name : NALLAMARANPATTY (CCD00D5)

Local River : Amaravathi

Division : SR Division, Coimbatore

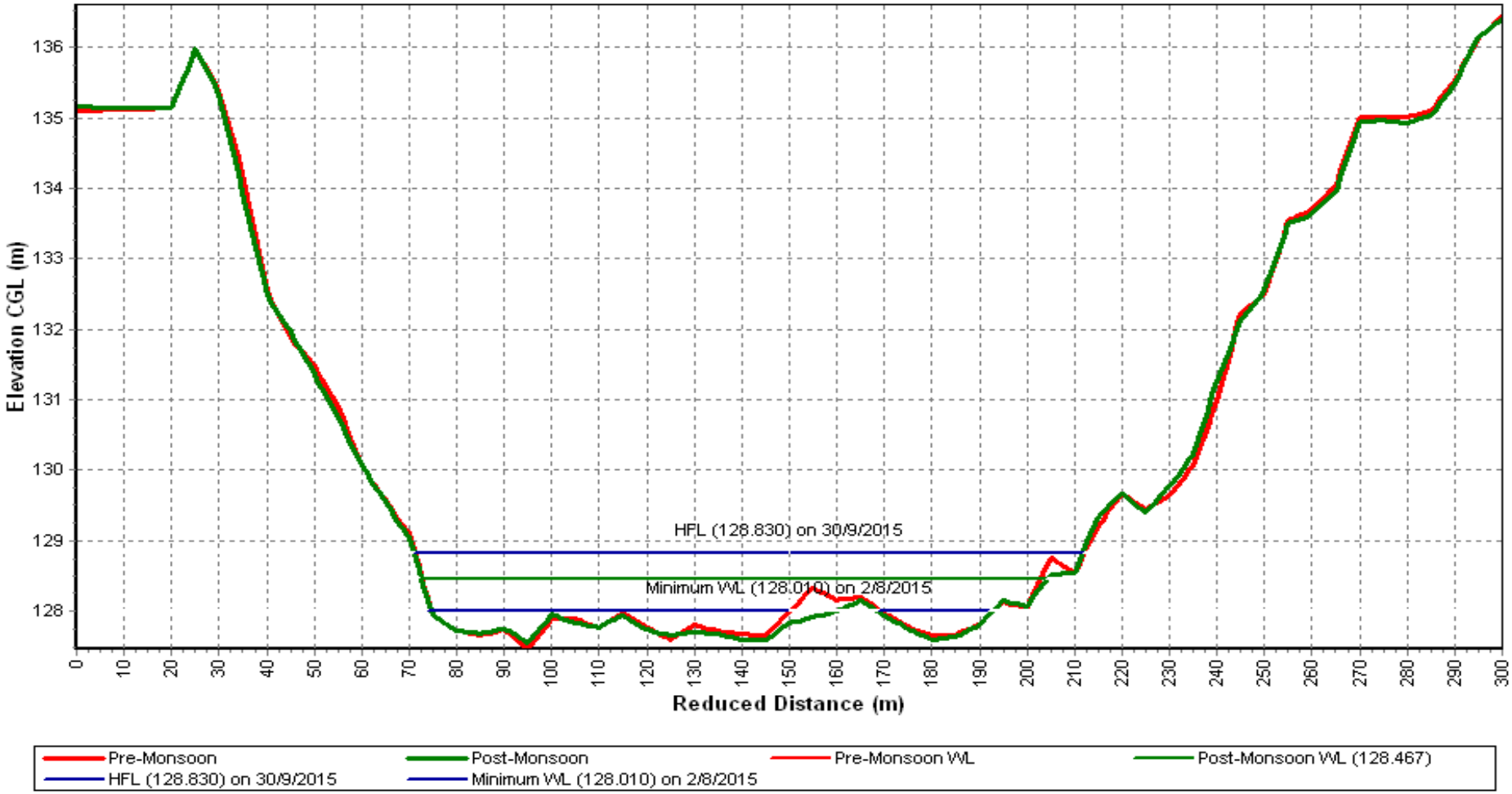
Sub-Division : Lower Cauvery SD, Trichi



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

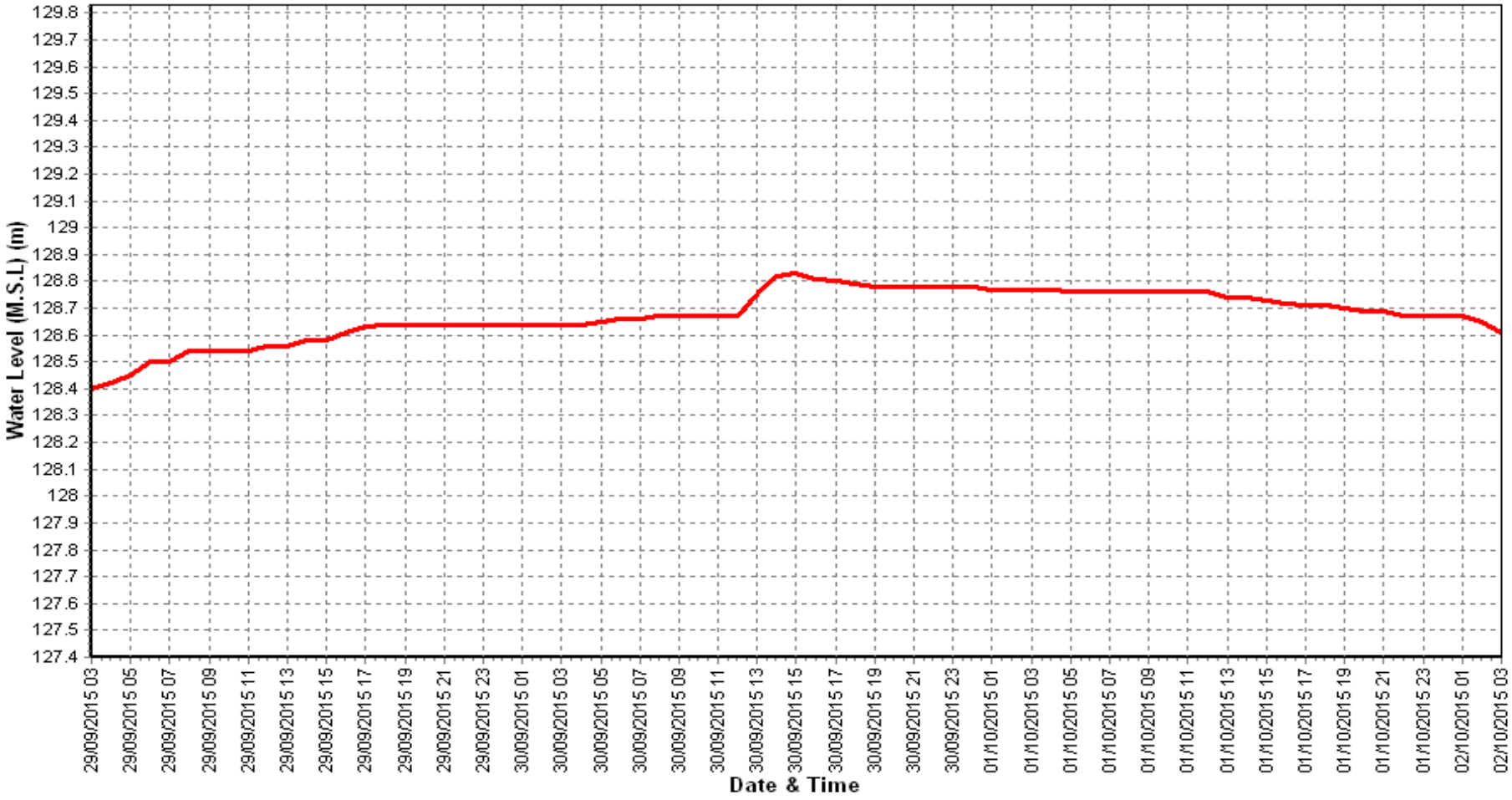
Local River : Amaravathi **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

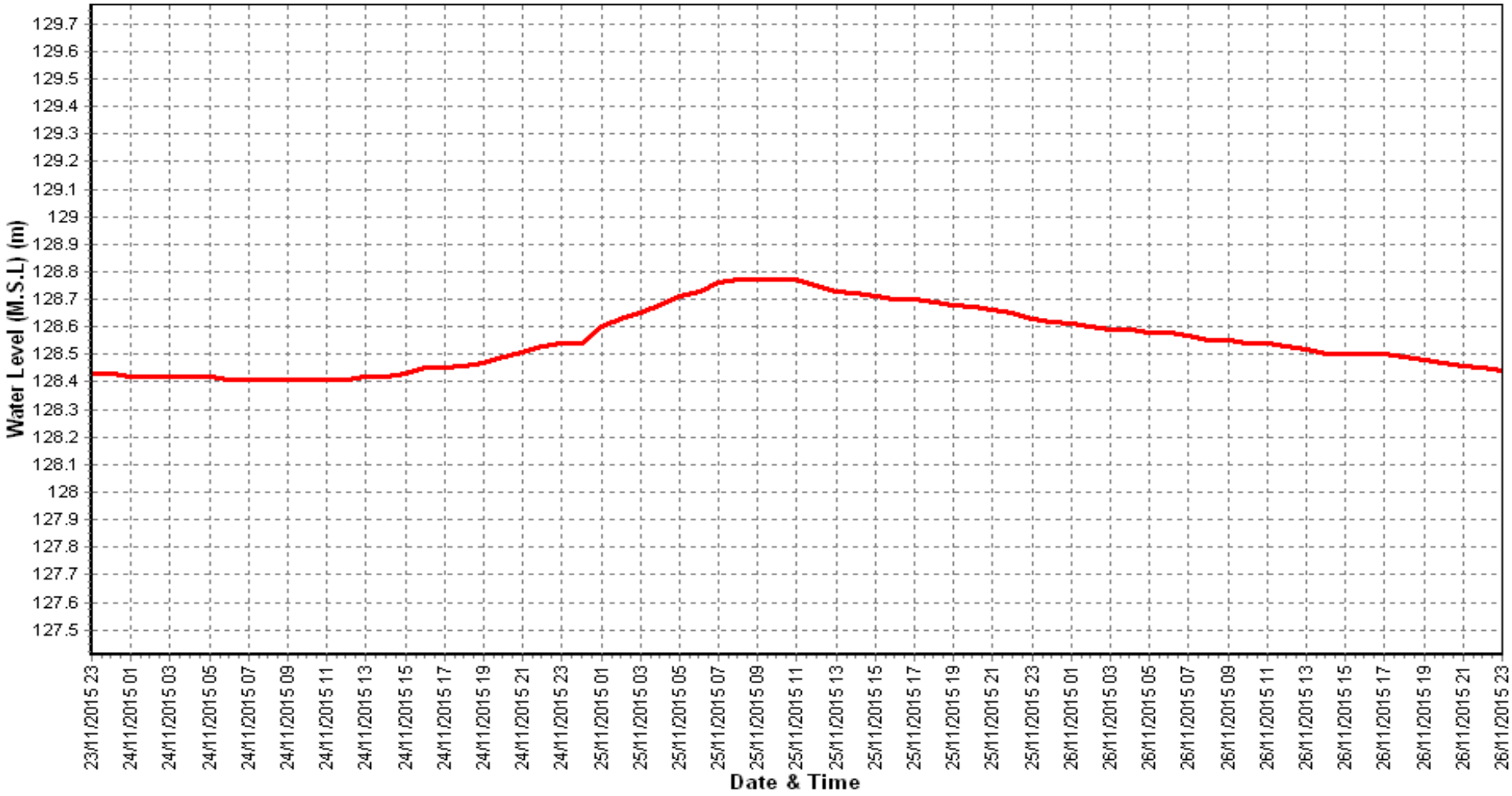


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

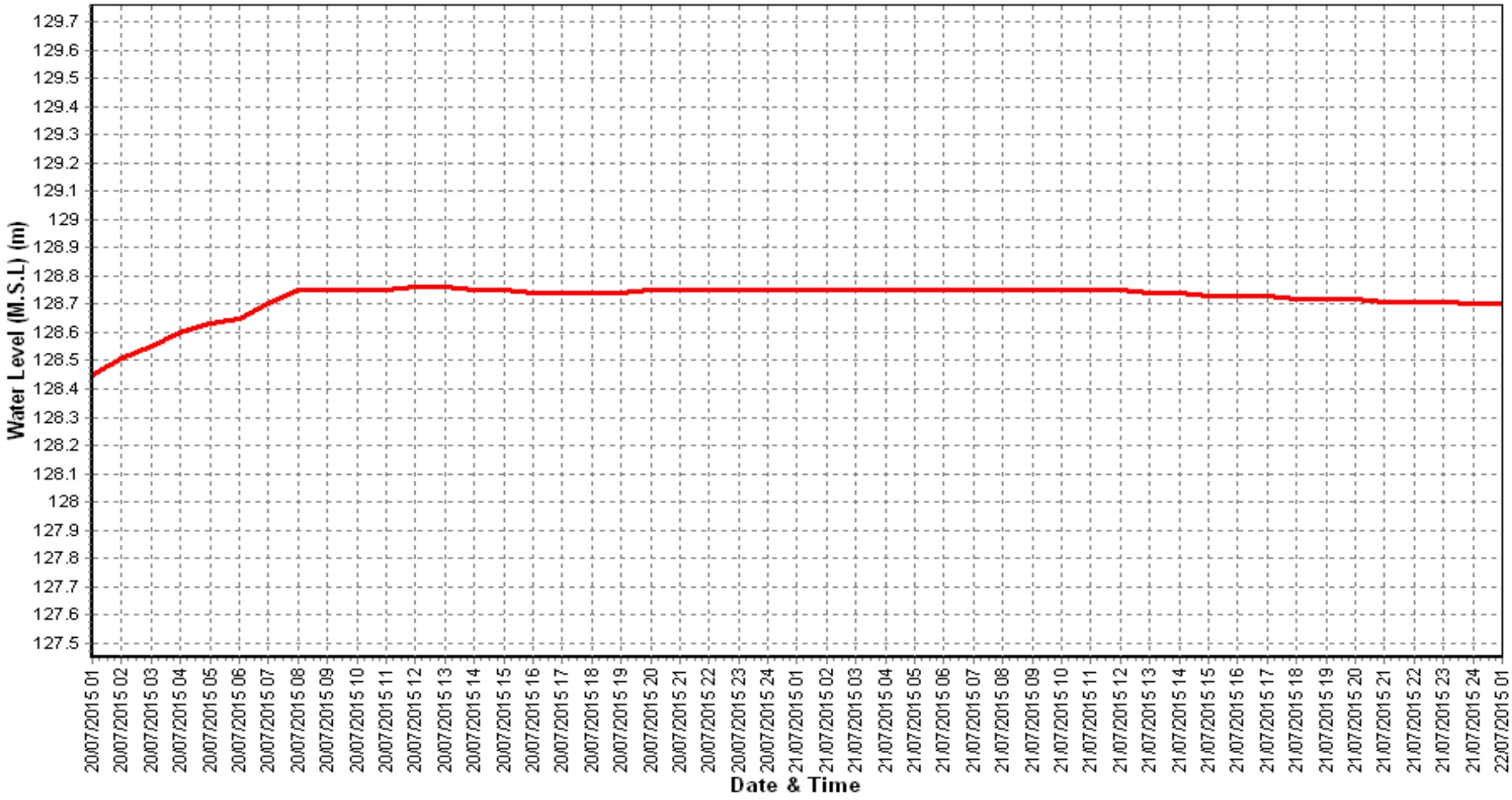


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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

Local River : Noyyal **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	129.970	2.299	130.840	42.05	129.840	1.530	129.730	1.015	130.100	4.717	131.700	30.59 *
2	129.930	2.059	130.800	39.70	129.830	1.470 *	129.680	0.000	130.110	4.638 *	131.500	82.84
3	129.870	1.658	130.760	37.63	129.820	1.399	129.650	0.000	130.100	4.786	131.410	74.05
4	129.830	1.386	130.690	35.60	129.890	1.780	129.620	0.000	130.070	4.309 *	131.360	72.04
5	129.910	1.869	130.550	19.34 *	129.980	2.672	129.640	0.000	130.040	4.184	131.640	97.20
6	129.940	2.133	130.310	6.490	129.990	2.816	129.600	0.000	130.080	4.557	131.590	92.85
7	129.960	2.212 *	130.360	7.033	129.940	2.063	129.650	0.000	130.060	4.445	131.510	83.28
8	129.920	1.943	130.780	38.56	130.020	3.081	129.610	0.000	130.010	3.857	131.350	67.66 *
9	130.360	7.292	130.740	36.47	129.890	1.888 *	129.650	0.000	129.990	3.512	131.190	64.27
10	130.010	2.473	130.190	5.524	129.770	1.172	129.580	0.000	130.410	8.020	131.230	55.27 *
11	129.980	2.417	130.170	5.379	129.810	1.335	129.610	0.000	130.490	8.490 *	131.280	67.30
12	129.900	1.785	130.110	3.956 *	129.780	1.175	129.610	0.000	130.530	8.685	131.310	69.33
13	129.860	1.519	130.070	3.515 #	129.840	1.512	129.640	0.000	130.490	7.881	131.470	75.73
14	129.910	1.851 *	130.020	3.037	129.740	1.083	129.580	0.000	130.580	9.599	131.390	74.90
15	129.980	2.333	129.990	2.823	129.790	1.224 *	129.540	0.000	130.590	9.479	131.480	82.62 *
16	129.970	2.405	130.040	3.338	129.840	1.535 *	129.580	0.000	130.500	8.292	131.600	94.00
17	130.020	2.413	130.020	3.087	129.870	1.662	129.530	0.000	130.560	9.203	131.560	89.47
18	130.140	4.146	130.010	2.909 *	129.930	1.874	129.480	0.000	130.470	8.254 *	131.490	81.11
19	130.040	2.556	130.030	3.104 *	129.980	2.654	129.470	0.000	130.240	6.082	131.340	70.15
20	130.090	2.828	130.050	3.568	130.030	3.132	129.510	0.000	130.190	5.520	131.410	76.84
21	130.050	2.952 *	129.980	2.615	130.050	3.361	129.540	0.000	130.200	5.431 *	131.520	84.69
22	130.010	2.445	129.950	2.141	129.990	2.820	129.560	0.000	130.250	5.902 *	131.570	93.93 *
23	129.970	2.300	129.970	2.443	129.930	2.200 *	129.580	0.000	130.280	6.252	131.610	95.14
24	129.930	2.136	129.930	1.981	129.880	1.762	129.540	0.000	130.250	5.902 *	131.550	88.37
25	130.960	49.10	129.930	1.928	129.830	1.438	129.560	0.000	130.180	5.248 *	131.500	85.07 *
26	131.100	53.00	129.980	2.630 *	129.830	1.243	129.490	0.000	130.120	4.806	131.530	86.26
27	131.050	50.95	130.010	2.975	129.770	1.132	129.560	0.000	130.050	4.392	131.480	80.04
28	130.980	48.36 *	129.990	2.809	129.750	1.080	129.630	0.000	129.980	3.139	131.430	79.00
29	131.010	50.50	129.910	1.855	129.740	1.072	131.190	19.33 #	130.170	5.136	130.800	21.71 *
30	130.890	45.01	129.890	1.764	129.760	1.056 *	130.140	5.246	130.140	4.967	130.520	7.657
31			129.860	1.647	129.780	1.179			130.110	4.497		
Ten-Daily Mean												
I Ten-Daily	129.970	2.532	130.602	26.84	129.897	1.987	129.641	0.101	130.097	4.702	131.448	72.01
II Ten-Daily	129.989	2.425	130.051	3.472	129.861	1.718	129.555	0.000	130.464	8.149	131.433	78.15
III Ten-Daily	130.595	30.67	129.945	2.253	129.846	1.667	129.779	2.458	130.157	5.061	131.351	72.19
Monthly												
Min.	129.830	1.386	129.860	1.647	129.740	1.056	129.470	0.000	129.980	3.139	130.520	7.657
Max.	131.100	53.00	130.840	42.05	130.050	3.361	131.190	19.33	130.590	9.599	131.700	97.20
Mean	130.185	11.88	130.191	10.58	129.867	1.787	129.658	0.853	130.237	5.941	131.411	74.11

Annual Runoff in MCM = 470 Annual Runoff in mm = 139

Peak Observed Discharge = 101.4 cumecs on 07/12/2015 Corres. Water Level :131.68 m

Lowest Observed Discharge = 0.000 cumecs on 02/09/2015 Corres. Water Level :129.68 m

Q: Observed/Computed Discharge in cumecs

L: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 2015 - 2016

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

Local River : Noyyal **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	130.310	22.01 #	130.630	35.64	130.650	2.641	130.640	2.625	130.450	0.000	130.510	0.000
2	131.190	64.27	130.650	37.29	130.600	2.239	130.520	0.000	130.470	0.000	130.480	0.000
3	131.580	91.64	130.620	34.33 *	130.640	2.636	130.520	0.000	130.460	0.000	130.420	0.000
4	131.620	96.30	130.680	37.69	130.670	3.088	130.550	0.000	130.460	0.000	130.400	0.000
5	131.660	101.0	130.620	35.09	130.700	3.200	130.510	0.000	130.430	0.000	130.400	0.000
6	131.550	88.70 *	130.760	37.63	130.740	3.494	130.520	0.000	130.450	0.000	130.380	0.000
7	131.680	101.4	130.690	35.60	130.720	3.372 *	130.500	0.000	130.410	0.000	130.380	0.000
8	131.630	96.49	130.610	34.63	130.710	3.279	130.520	0.000	130.400	0.000	130.450	0.000
9	131.570	90.58	130.700	3.143	130.650	2.670	130.500	0.000	130.460	0.000	130.510	0.000
10	131.610	95.14	130.710	3.266 *	130.610	2.136	130.530	0.000	130.510	0.000	130.500	0.000
11	131.560	89.47	130.720	3.317	130.590	2.094	130.490	0.000	130.470	0.000	130.530	0.000
12	131.490	81.11	130.670	3.004	130.620	2.407	130.520	0.000	130.440	0.000	130.530	0.000
13	131.390	77.45 *	130.660	2.950	130.670	2.995	130.500	0.000	130.450	0.000	130.580	0.000
14	131.280	67.30	130.655	2.733	130.640	2.578 *	130.480	0.000	130.420	0.000	130.570	0.000
15	131.250	64.67	130.640	2.578 *	130.590	2.075	130.510	0.000	130.410	0.000	130.560	0.000
16	130.890	45.01	130.640	2.512	130.640	2.594	130.520	0.000	130.420	0.000	130.560	0.000
17	130.760	37.63	130.650	2.671 *	130.620	2.487	130.510	0.000	130.430	0.000	130.570	0.000
18	130.680	37.69	130.620	2.444	130.660	2.692	130.520	0.000	130.440	0.000	130.580	0.000
19	130.600	34.09	130.700	3.113	130.700	3.251	130.490	0.000	130.420	0.000	130.520	0.000
20	130.670	36.58 *	130.650	2.608	130.650	2.686	130.480	0.000	130.470	0.000	130.540	0.000
21	130.700	39.12	130.690	3.109	130.610	2.311 *	130.510	0.000	130.530	0.000	130.490	0.000
22	130.620	35.16	130.760	3.507	130.580	2.003	130.500	0.000	130.480	0.000	130.480	0.000
23	130.680	37.69	130.690	3.187	130.610	2.380	130.490	0.000	130.510	0.000	130.460	0.000
24	130.700	37.97 *	130.640	2.578 *	130.570	1.989	130.460	0.000	130.450	0.000	130.430	0.000
25	130.810	43.29 *	130.640	2.506	130.590	2.063	130.490	0.000	130.500	0.000	130.400	0.000
26	130.720	40.26	130.650	2.671 *	130.630	2.572	130.510	0.000	130.490	0.000	130.420	0.000
27	130.690	37.50 *	130.670	2.740	130.640	2.619	130.480	0.000	130.460	0.000	130.380	0.000
28	130.630	35.64	130.720	3.265	130.610	2.311 *	130.460	0.000	130.450	0.000	130.420	0.000
29	130.680	37.69	130.690	3.135	130.620	2.406	130.470	0.000	130.490	0.000	130.410	0.000
30	130.760	37.63	130.610	2.262			130.480	0.000	130.500	0.000	130.380	0.000
31	130.610	34.63	130.620	2.398 *			130.450	0.000			130.360	0.000
Ten-Daily Mean												
I Ten-Daily	131.440	84.76	130.667	29.43	130.669	2.876	130.531	0.262	130.450	0.000	130.443	0.000
II Ten-Daily	131.057	57.10	130.660	2.793	130.638	2.586	130.502	0.000	130.437	0.000	130.554	0.000
III Ten-Daily	130.691	37.87	130.671	2.851	130.607	2.295	130.482	0.000	130.486	0.000	130.421	0.000
Monthly												
Min.	130.310	22.01	130.610	2.262	130.570	1.989	130.450	0.000	130.400	0.000	130.360	0.000
Max.	131.680	101.4	130.760	37.69	130.740	3.494	130.640	2.625	130.530	0.000	130.580	0.000
Mean	131.051	59.2	130.666	11.41	130.639	2.595	130.504	0.085	130.458	0	130.471	0

Peak Computed Discharge = 93.93 cumecs on 22/11/2015 **Corres. Water Level :131.57 m**

Lowest Computed Discharge = 1.056 cumecs on 30/08/2015 **Corres. Water Level :129.76 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

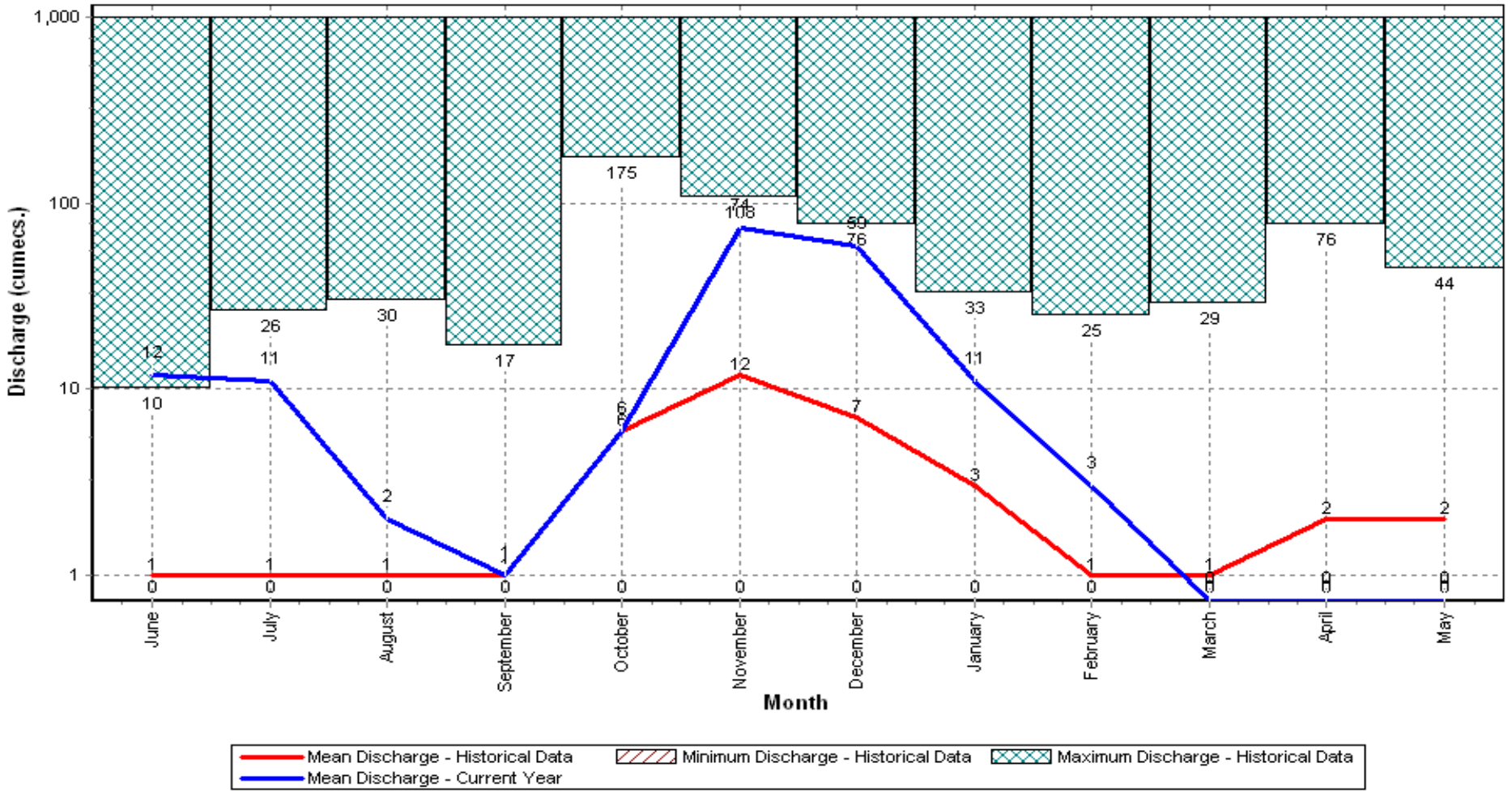
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4) **Data considered : 1999-2016** **Division : SR Division, Coimbatore**

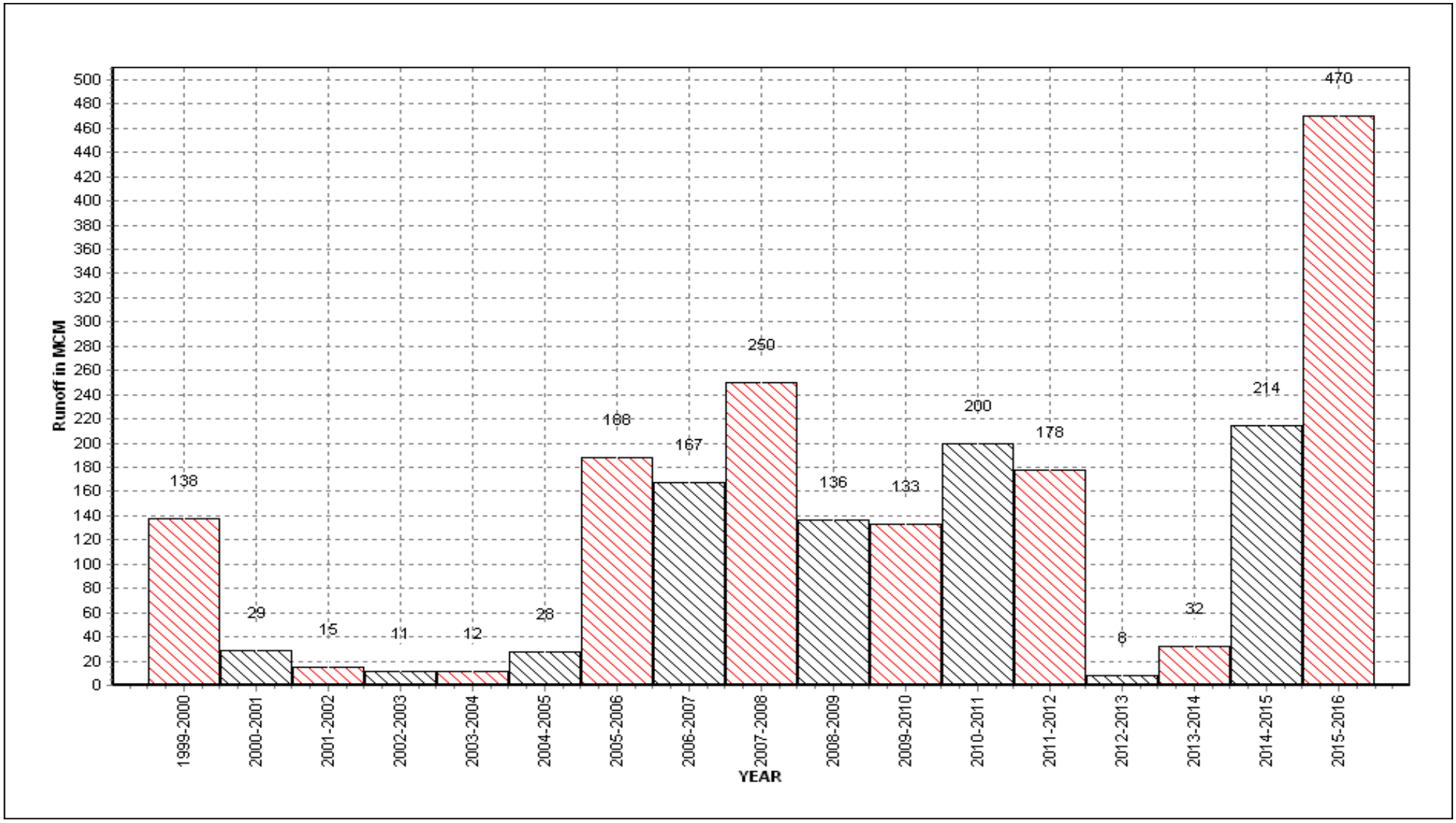
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1999 - 2016

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

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

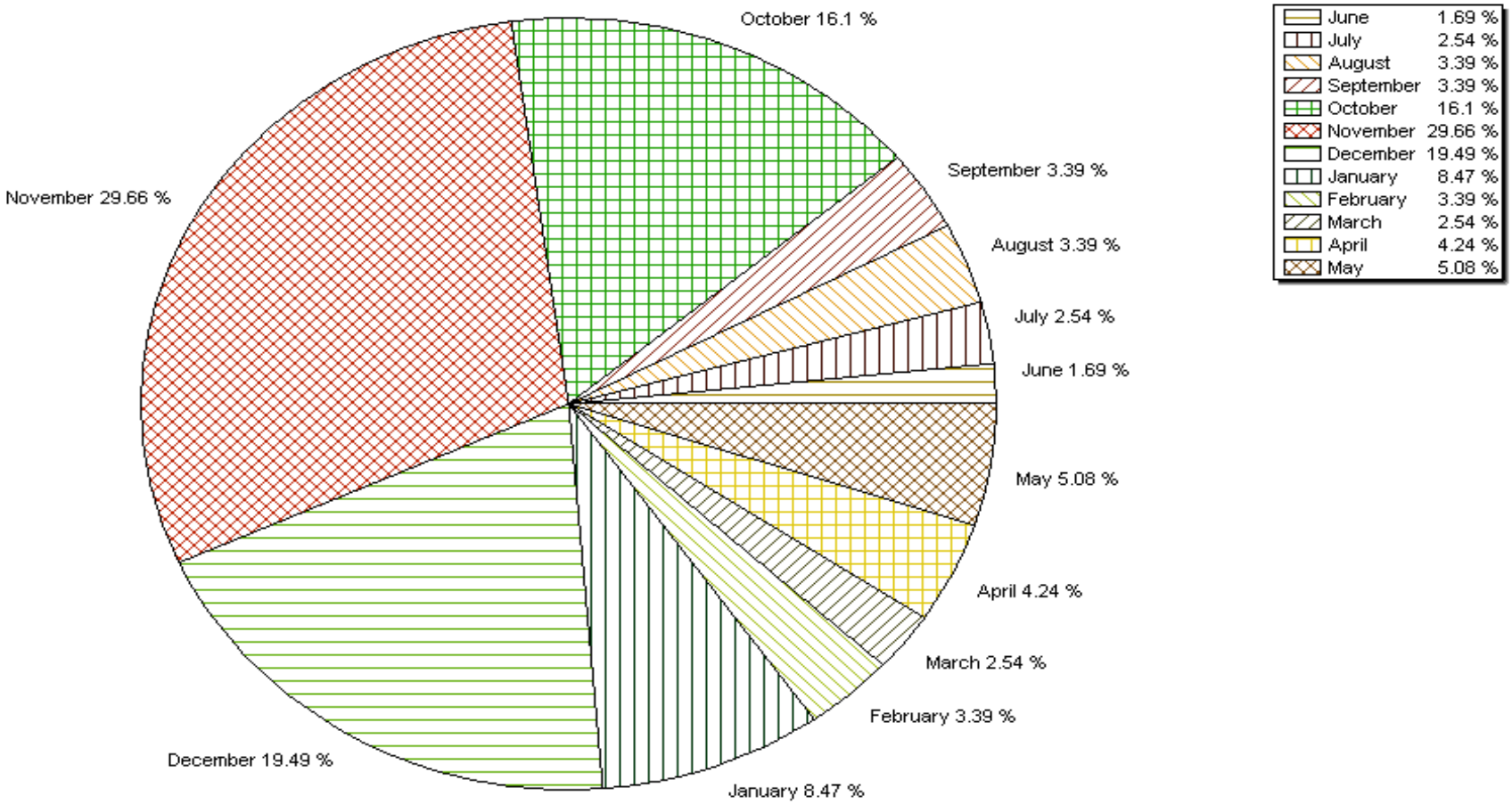


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1999-2015

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

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



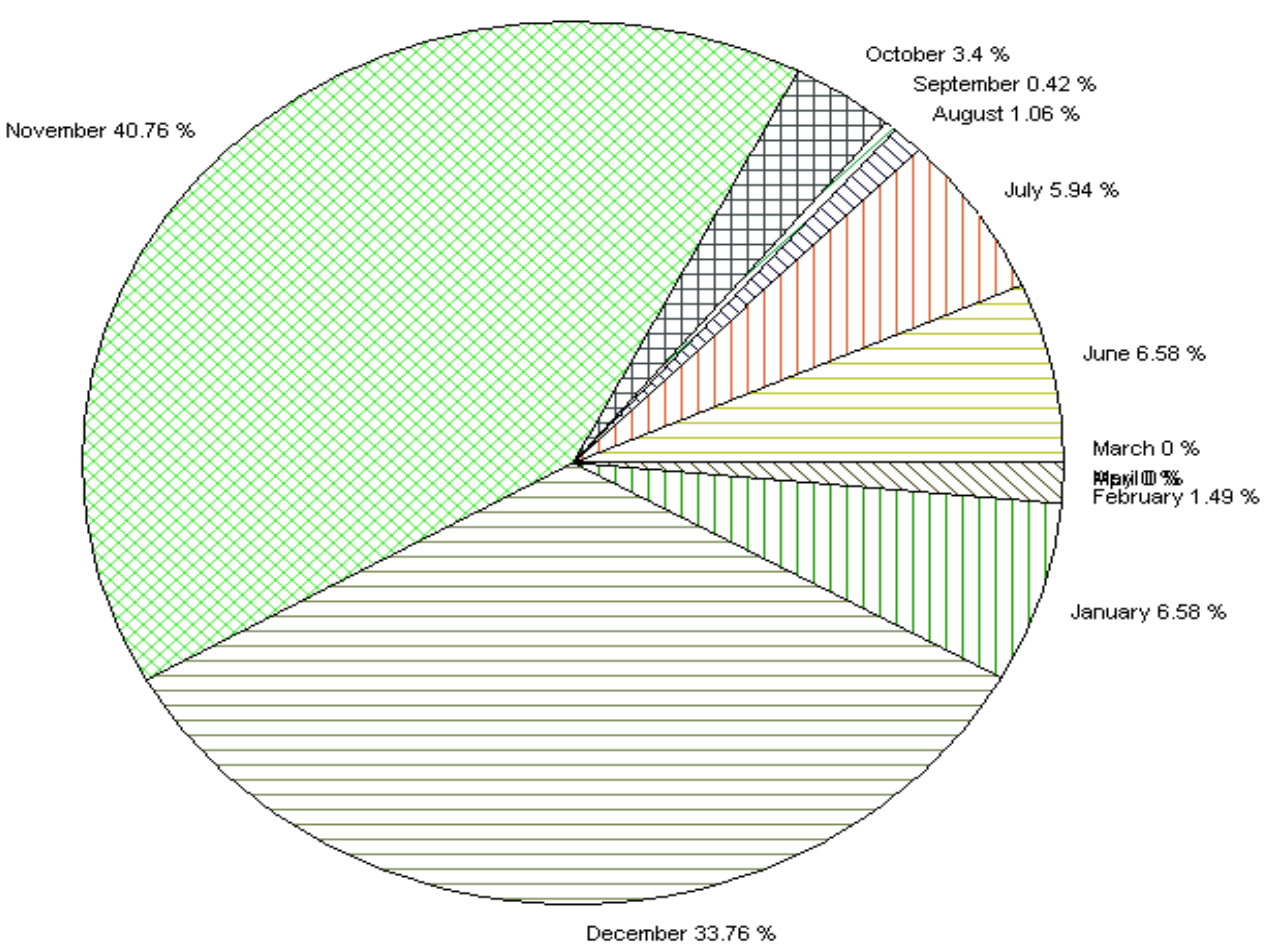
Monthly Runoff for the Year : 2015-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Division : SR Division, Coimbatore

Local River : Noyyal

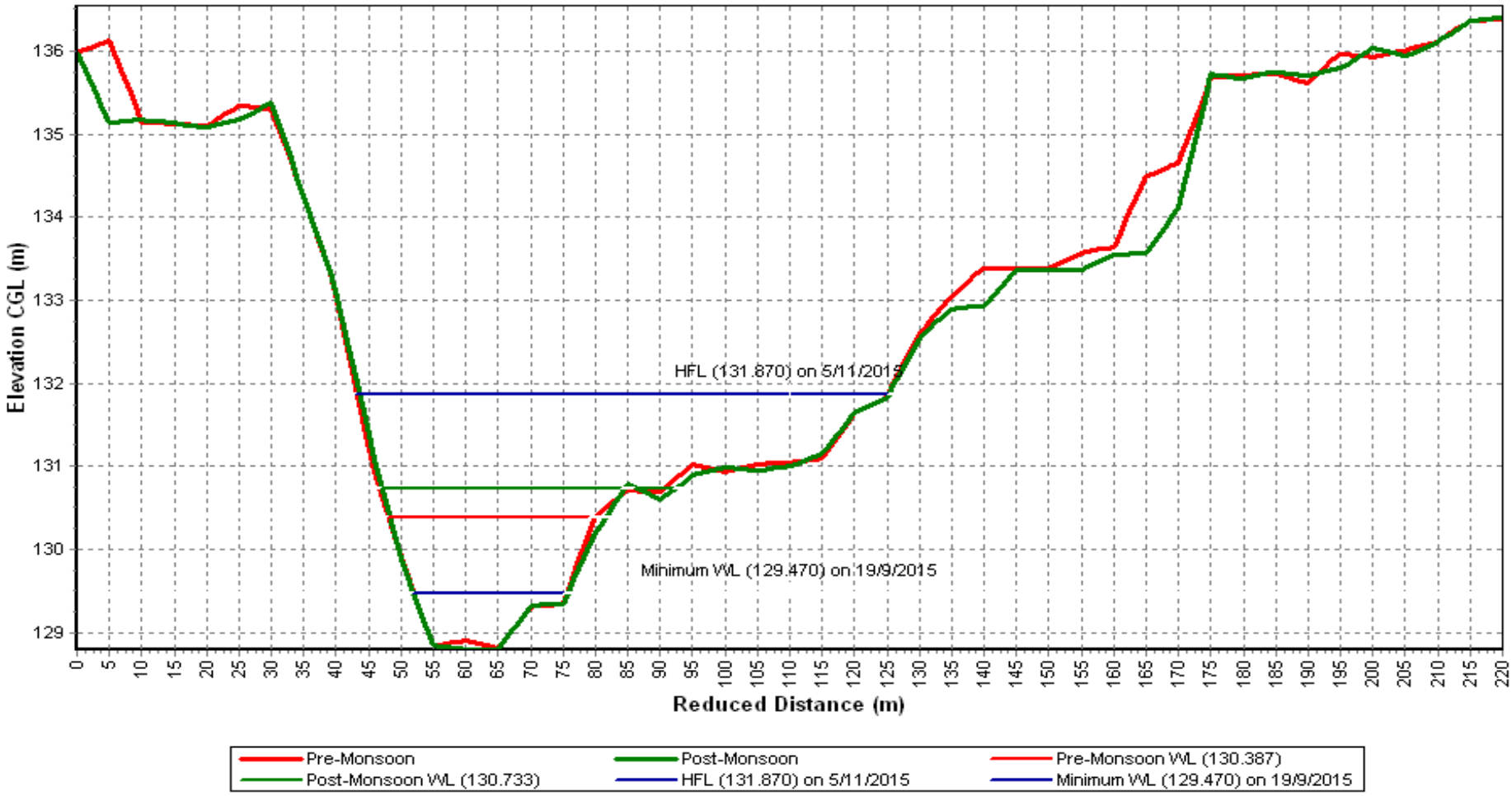
Sub-Division : Lower Cauvery SD, Trichi



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

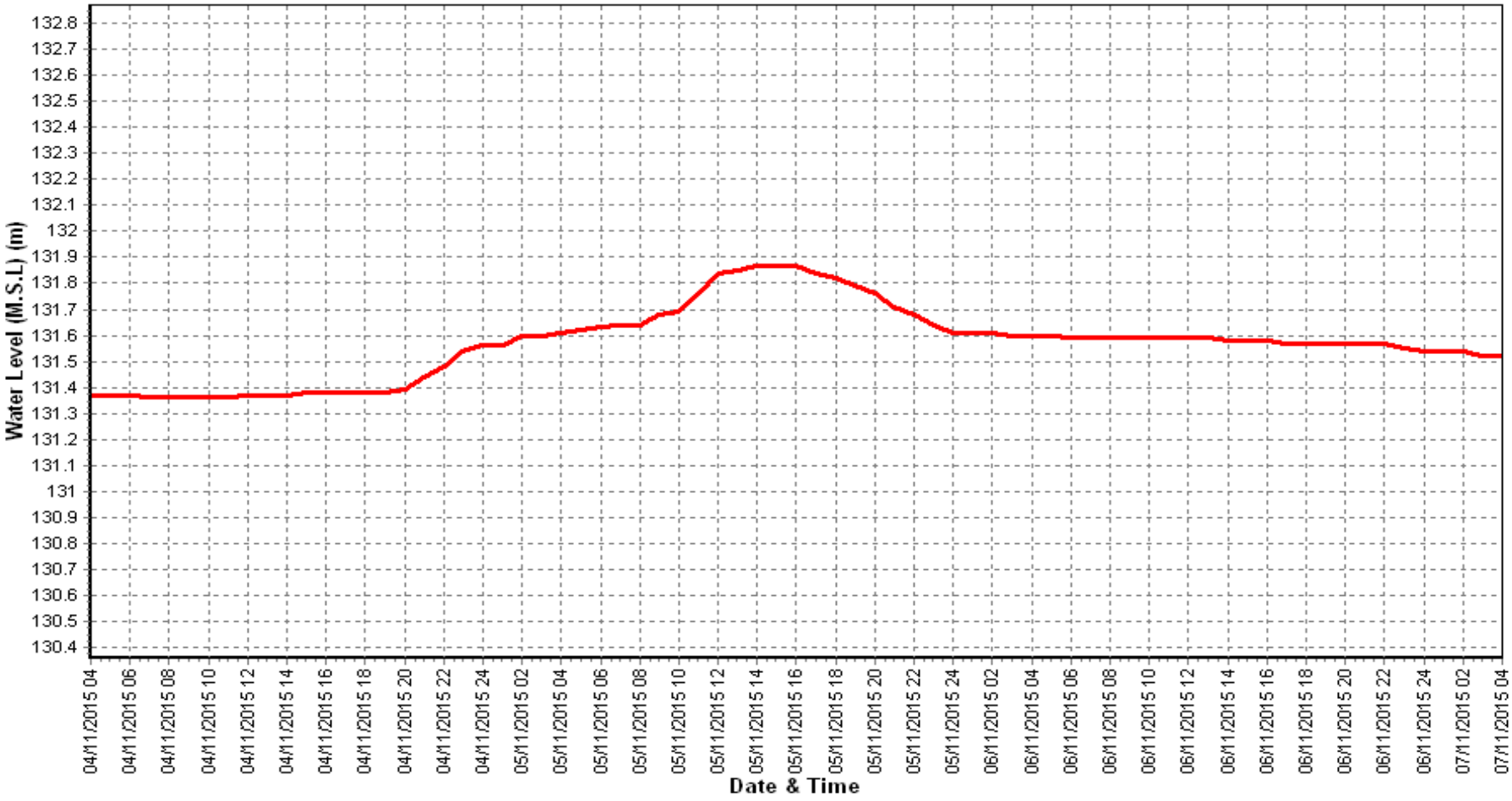
Local River : Noyyal **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

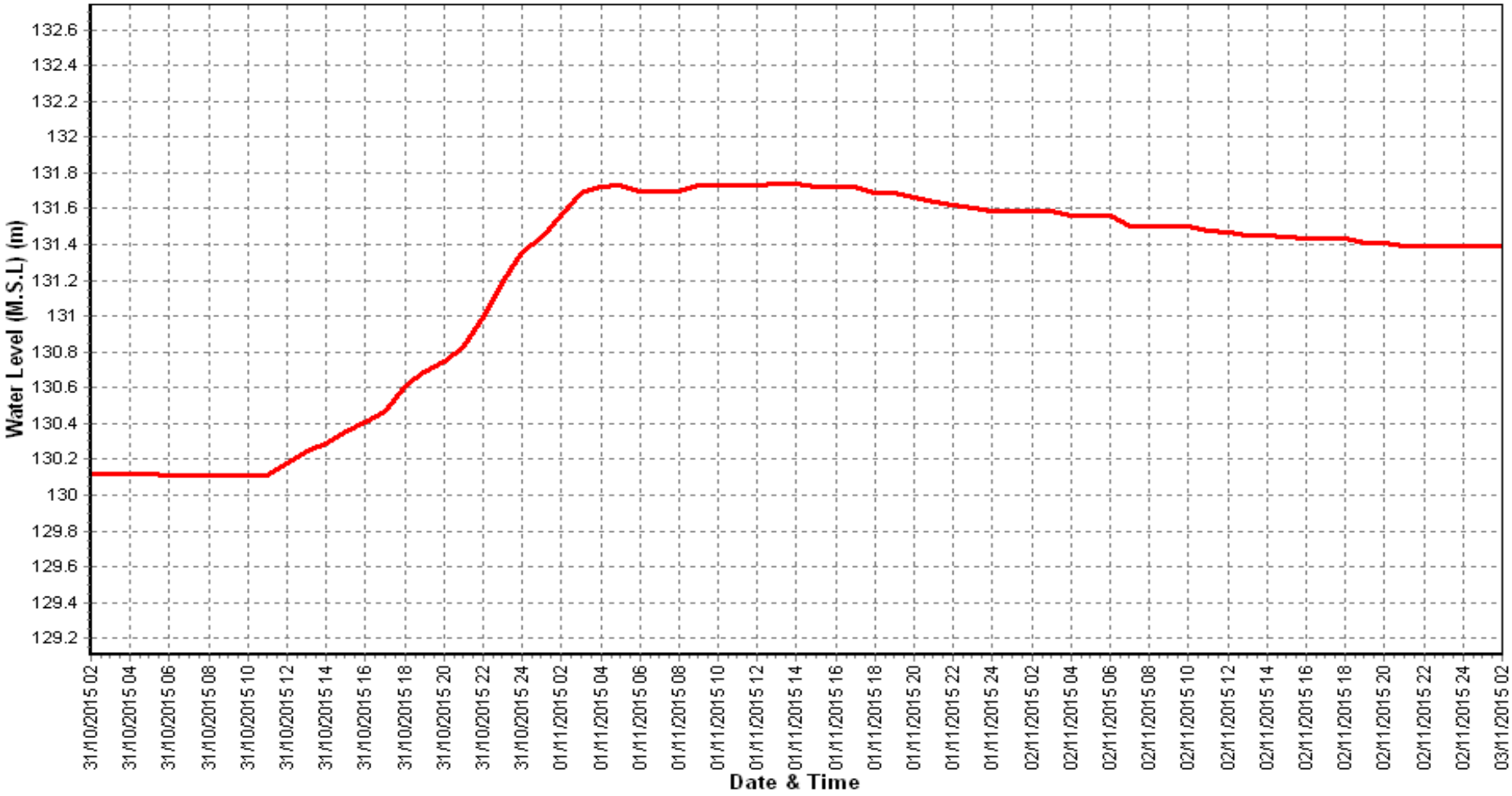


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

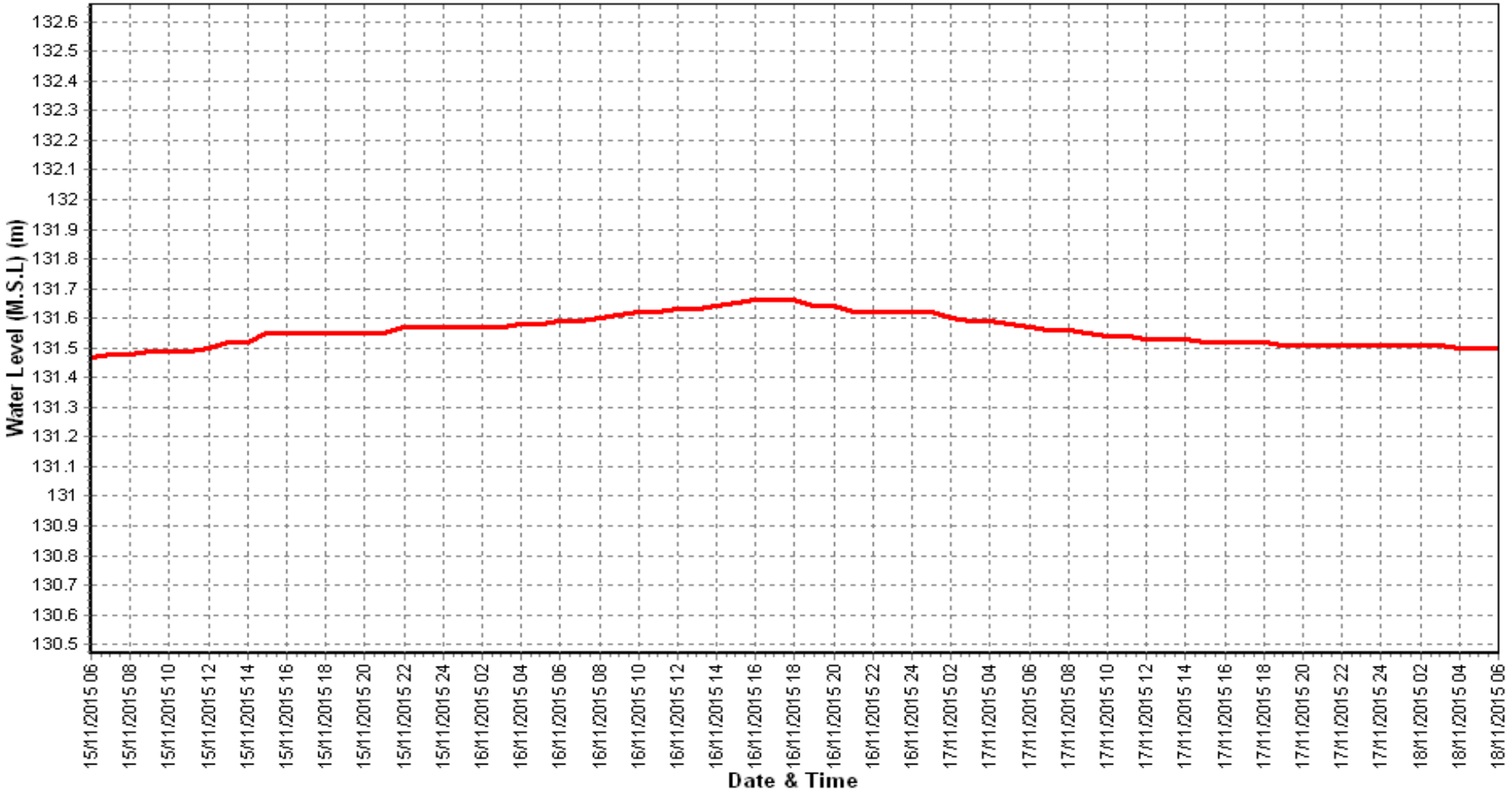


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	122.550	51.47	122.200	6.328	122.900	211.5	123.715	569.8	123.495	443.0	122.790	147.6 *
2	122.610	101.2	122.045	1.660	123.120	338.5 *	123.710	531.0	123.440	388.0 *	122.890	175.2
3	122.590	95.92	121.990	0.609	122.920	219.4	123.675	516.4	123.390	424.3	122.760	135.5
4	122.610	98.87	121.970	0.000	122.675	117.2	123.640	468.7	123.430	383.5 *	122.730	134.6
5	122.610	98.98	121.950	0.000	122.495	38.20	123.725	585.6	123.455	439.0	124.450	903.0
6	122.610	98.19	122.160	5.116	122.655	115.7	123.720	520.2 *	123.590	503.9	123.680	526.0
7	122.610	97.97 *	122.115	3.074	122.410	27.12	123.740	593.7	123.600	480.7	122.990	180.7
8	122.430	27.33	122.265	9.816	122.320	6.547 #	123.650	486.7	123.415	415.0	122.540	82.16 *
9	122.590	95.62	122.205	5.905	122.610	85.03 *	123.690	524.0	123.345	377.6	122.890	175.2
10	122.450	28.37	122.530	42.05	123.100	292.4	123.705	522.1	123.340	374.6	122.790	147.6 *
11	122.365	19.24	122.650	109.0	123.520	330.9	123.680	556.3	123.340	344.8 *	122.990	180.4
12	122.450	28.87	122.460	36.56 *	123.545	353.9	123.690	557.6	123.440	441.6	122.870	168.8
13	122.140	3.156	122.640	108.7	123.540	339.8	123.680	500.3 *	123.490	405.5	122.820	164.8
14	122.070	1.257 *	122.425	24.78	123.540	312.6	123.640	525.1	123.345	394.4	122.500	34.18
15	122.180	5.870	122.600	97.66	123.540	433.3 *	123.675	533.6	123.365	377.2	122.660	102.8 *
16	122.060	1.038 #	122.395	21.39	123.650	485.6 *	123.655	549.7	123.450	431.1	122.520	37.70
17	122.570	28.28 #	122.490	45.07 #	123.570	328.3	123.550	438.0 *	123.500	441.0	122.735	137.5
18	122.200	6.846	122.420	26.27 *	123.520	309.1	123.550	463.5	123.500	414.9 *	122.715	131.2
19	122.260	10.27	122.520	54.19 *	123.565	329.1	123.560	477.6	123.435	425.9	122.490	32.67
20	122.250	9.105	122.400	22.91	123.555	316.1	123.560	442.6 *	123.410	395.8	122.690	123.4
21	122.240	7.765 *	122.600	100.0	123.565	340.5	123.535	506.5	123.260	311.8 *	122.700	134.4
22	122.230	7.674	122.430	26.32	123.540	320.2	123.535	473.8	123.230	299.8 *	122.710	131.0 *
23	122.230	7.581	122.610	104.0	123.570	447.3 *	123.520	501.9	123.305	371.7	122.710	131.8
24	122.210	5.561	122.445	25.66	123.290	250.6	123.520	424.1 *	123.220	295.8 *	122.730	136.6
25	122.250	6.292	122.350	11.44 #	123.295	276.2	123.565	503.5	122.720	127.6 *	122.730	143.2 *
26	122.400	19.70	122.390	19.38 *	123.545	323.1	123.525	486.2	122.575	105.1	122.490	32.62
27	122.310	10.31	122.950	231.6	123.560	366.3	123.530	428.7 *	122.670	115.8	122.470	29.53
28	122.320	11.62 *	122.990	248.1	123.550	346.6	123.655	561.0	122.670	115.2	122.695	131.8
29	122.330	11.12	123.000	252.4	123.570	369.5	123.630	543.5	122.890	165.1	122.490	32.33 *
30	122.260	7.273	122.900	211.5	123.570	447.3 *	123.405	435.3	122.680	119.9	122.500	34.07
31			122.920	219.4	123.715	555.6			122.500	73.23 #		
Ten-Daily Mean												
I Ten-Daily	122.566	79.39	122.143	7.456	122.721	145.2	123.697	531.8	123.450	423.0	123.051	260.8
II Ten-Daily	122.255	11.39	122.500	54.64	123.555	353.9	123.624	504.4	123.428	407.2	122.699	111.4
III Ten-Daily	122.278	9.488	122.690	131.8	123.525	367.6	123.542	486.5	122.884	191.0	122.623	93.73
Monthly												
Min.	122.060	1.038	121.950	0.000	122.320	6.547	123.405	424.1	122.500	73.23	122.470	29.53
Max.	122.610	101.2	123.000	252.4	123.715	555.6	123.740	593.7	123.600	503.9	124.450	903.0
Mean	122.366	33.42	122.452	66.8	123.275	291.4	123.621	507.6	123.242	335.6	122.791	155.3

Annual Runoff in MCM = 5227 Annual Runoff in mm = 98

Peak Observed Discharge = 903.0 cumecs on 05/11/2015 Corres. Water Level :124.45 m

Lowest Observed Discharge = 0.000 cumecs on 04/07/2015 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

Stage-Discharge Data for the period 2015 - 2016

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	123.110	368.2 #	123.510	435.4	122.510	36.04	122.060	1.237	122.420	23.50	122.550	45.26 *
2	122.730	135.1	123.425	373.5	122.470	33.10	122.060	1.209	122.360	11.80	122.540	43.54
3	122.890	158.5	123.420	371.5 *	122.510	35.22	122.250	5.776	122.360	14.47 *	122.530	35.54
4	122.490	31.84	123.675	475.5	122.410	19.71	122.320	8.981	122.360	11.65	122.490	33.94
5	122.520	37.57	123.675	487.4	122.390	14.65	122.390	14.35	122.320	9.932	122.400	18.38
6	122.730	126.8 *	123.680	471.0	122.890	173.2	122.420	14.50 *	122.340	10.95	122.410	20.45
7	122.530	38.18	123.630	457.8	122.890	166.9 *	122.530	36.12	122.310	9.729	122.420	23.74
8	122.670	112.4	123.650	492.0	122.870	167.0	122.510	33.85	122.250	6.497	122.420	21.04 *
9	122.760	143.5	123.655	483.5	122.910	179.6	122.530	37.17	122.270	7.726	122.400	18.42
10	122.490	32.07	123.610	483.8 *	122.670	83.42 #	122.580	99.08	122.340	12.50 *	122.370	13.14
11	122.480	30.96	123.440	407.0	122.850	166.6	122.580	98.96	122.510	34.44	122.350	11.31
12	122.690	124.7	123.470	406.3	122.970	189.2	122.580	98.26	122.230	5.646	122.400	18.33
13	122.470	30.49 *	123.375	370.4	122.910	179.6	122.530	42.52 *	122.400	17.27	122.450	26.49
14	122.440	23.63	123.310	341.0	122.890	166.9 *	122.530	37.66	122.470	28.07 *	122.465	29.52
15	122.440	23.83	123.290	381.2 *	122.910	179.6	122.510	33.20	122.460	31.89	122.410	14.17 *
16	122.725	135.1	122.990	196.1	122.920	182.9	122.530	37.03	122.410	22.02	122.420	14.72 *
17	122.420	21.37	122.990	213.1 *	122.920	182.9	122.530	36.91	122.410	20.05 *	122.370	13.99
18	122.700	132.5	123.000	199.7	122.890	173.2	122.550	44.33	122.450	26.17	122.360	12.18
19	122.420	21.42	122.970	189.2	122.910	179.6	122.510	34.43	122.360	11.79	122.310	9.656
20	122.420	19.03 *	122.920	182.9	122.920	182.9	122.530	37.57 *	122.360	14.47 *	122.220	5.397
21	122.680	116.9	122.890	173.2	122.890	166.9 *	122.550	44.18	122.340	10.21	122.190	4.571 *
22	122.420	21.78	122.970	189.2	122.390	14.57	122.550	44.51	122.370	13.02	122.130	2.817 *
23	122.530	39.57	122.920	182.9	122.360	11.68	122.540	44.23	122.350	11.47	122.060	1.266
24	123.150	236.9 *	122.890	166.9 *	122.210	4.875	122.510	34.58	122.510	50.45 *	122.000	0.486
25	123.050	194.6 *	122.670	83.42 #	122.130	2.129	122.510	34.24 *	122.400	18.84	121.970	0.132
26	123.090	215.5	122.490	34.87 *	122.140	2.553	122.410	20.12	122.460	27.47	122.060	1.308
27	123.260	288.2 *	122.320	7.084 #	122.130	2.270	122.470	28.07 *	122.550	66.66 #	122.240	5.726
28	123.280	314.7	122.460	32.86	122.080	1.449 *	122.530	36.93	122.510	50.45 #	122.350	11.26
29	123.280	327.2	122.650	77.12 #	122.060	1.156	122.410	20.30	122.600	102.3	122.310	9.209 *
30	123.335	346.5	123.000	199.7			122.400	17.19	122.550	44.52	122.210	4.782
31	123.460	394.0	122.690	89.94 *			122.410	19.80			122.210	4.498
Ten-Daily Mean												
I Ten-Daily	122.692	118.4	123.593	453.1	122.652	90.88	122.365	25.23	122.333	11.87	122.453	27.34
II Ten-Daily	122.521	56.30	123.175	288.7	122.909	178.3	122.538	50.09	122.406	21.18	122.375	15.58
III Ten-Daily	123.049	226.9	122.723	112.5	122.266	23.06	122.481	31.29	122.464	39.54	122.157	4.187
Monthly												
Min.	122.420	19.03	122.320	7.084	122.060	1.156	122.060	1.209	122.230	5.646	121.970	0.132
Max.	123.460	394.0	123.680	492.0	122.970	189.2	122.580	99.08	122.600	102.3	122.550	45.26
Mean	122.763	136.9	123.150	279.2	122.621	100	122.462	35.4	122.401	24.2	122.323	15.33

Peak Computed Discharge = 520.2 cumecs on 06/09/2015 **Corres. Water Level :123.72 m**

Lowest Computed Discharge = 1.257 cumecs on 14/06/2015 **Corres. Water Level :122.07 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

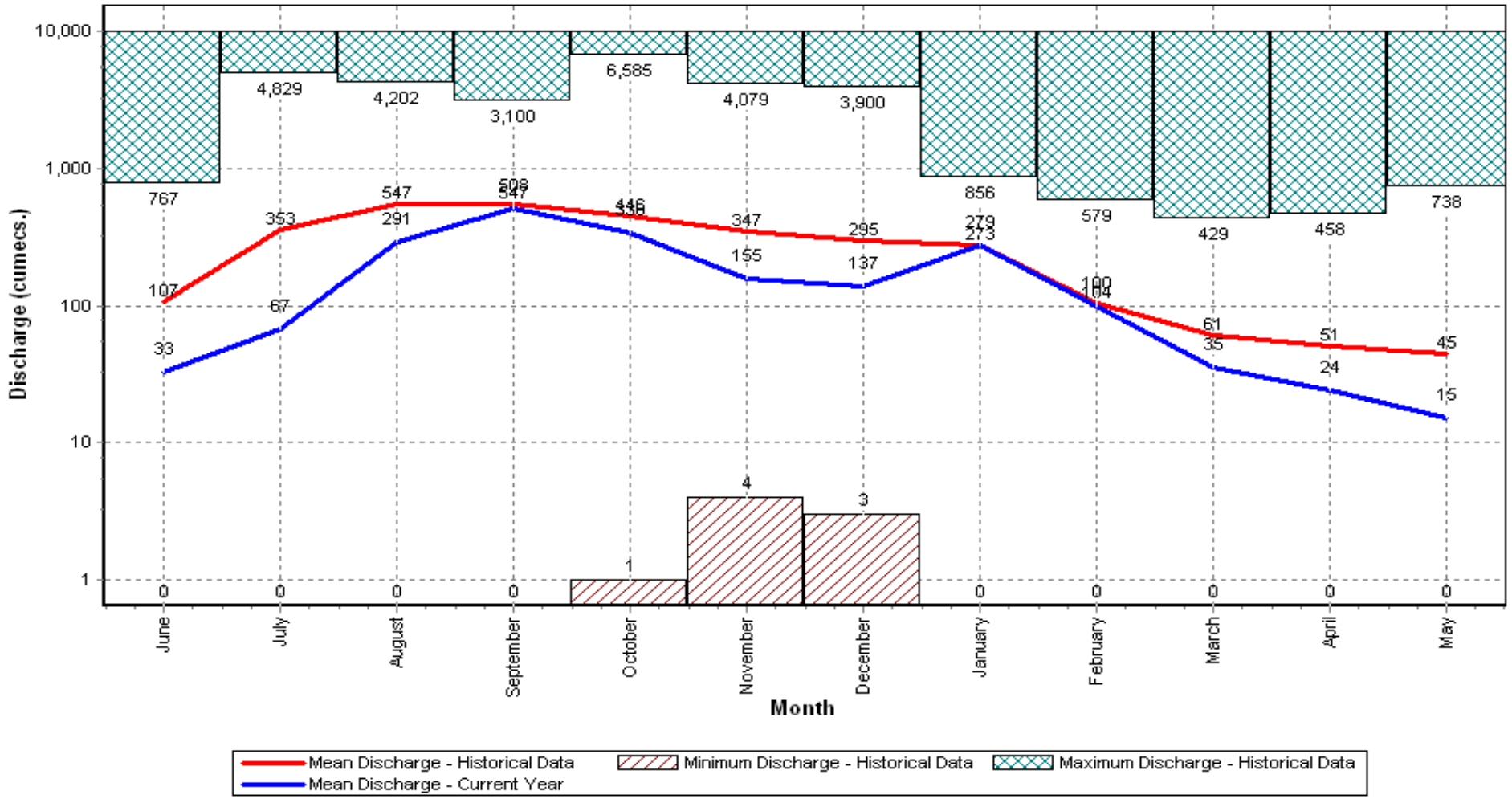
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : KODUMUDI (CC000I7) | **Data considered : 1972-2016** | **Division : SR Division, Coimbatore**

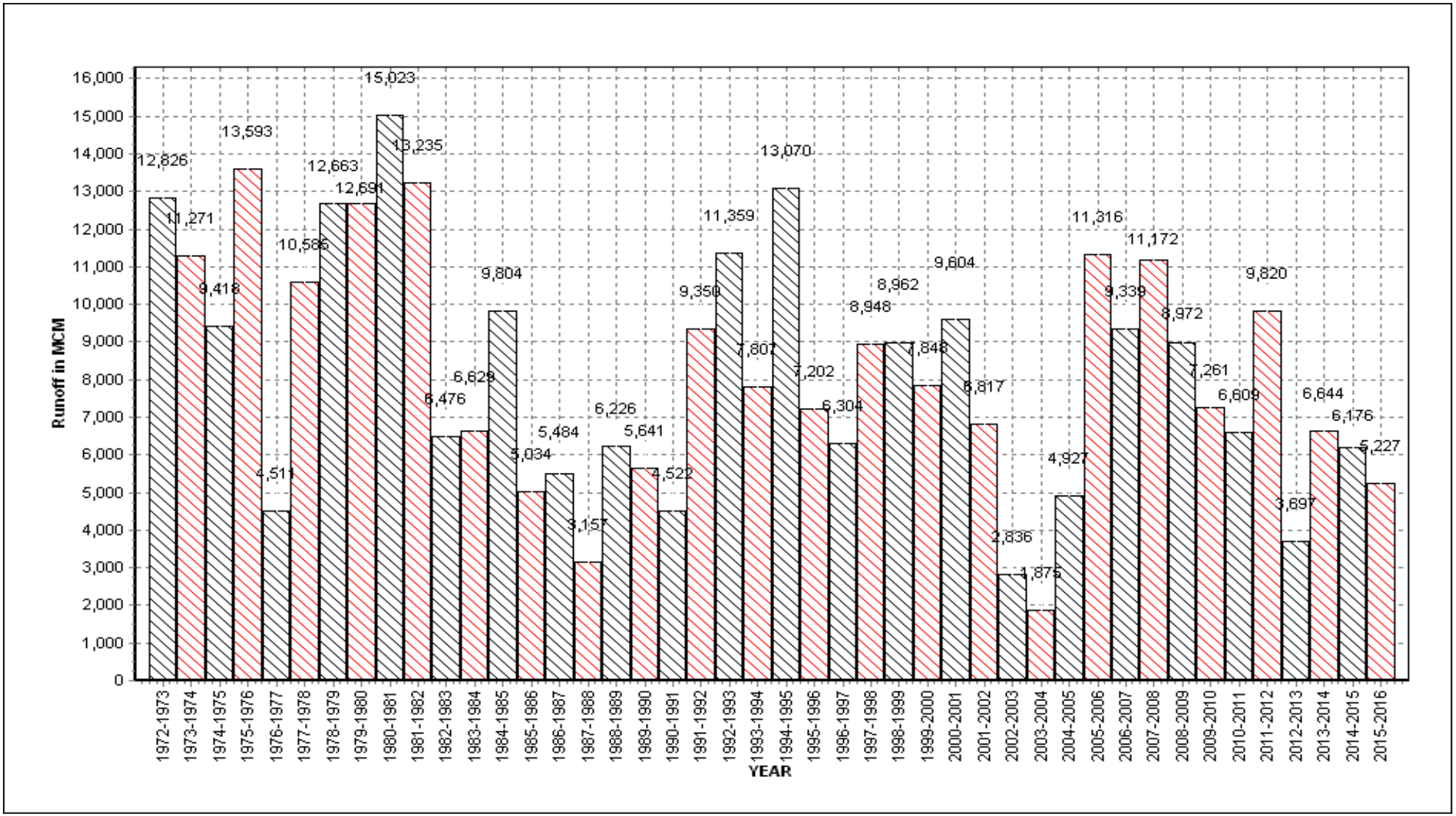
Local River : Cauvery | **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 1972 - 2016

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

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



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

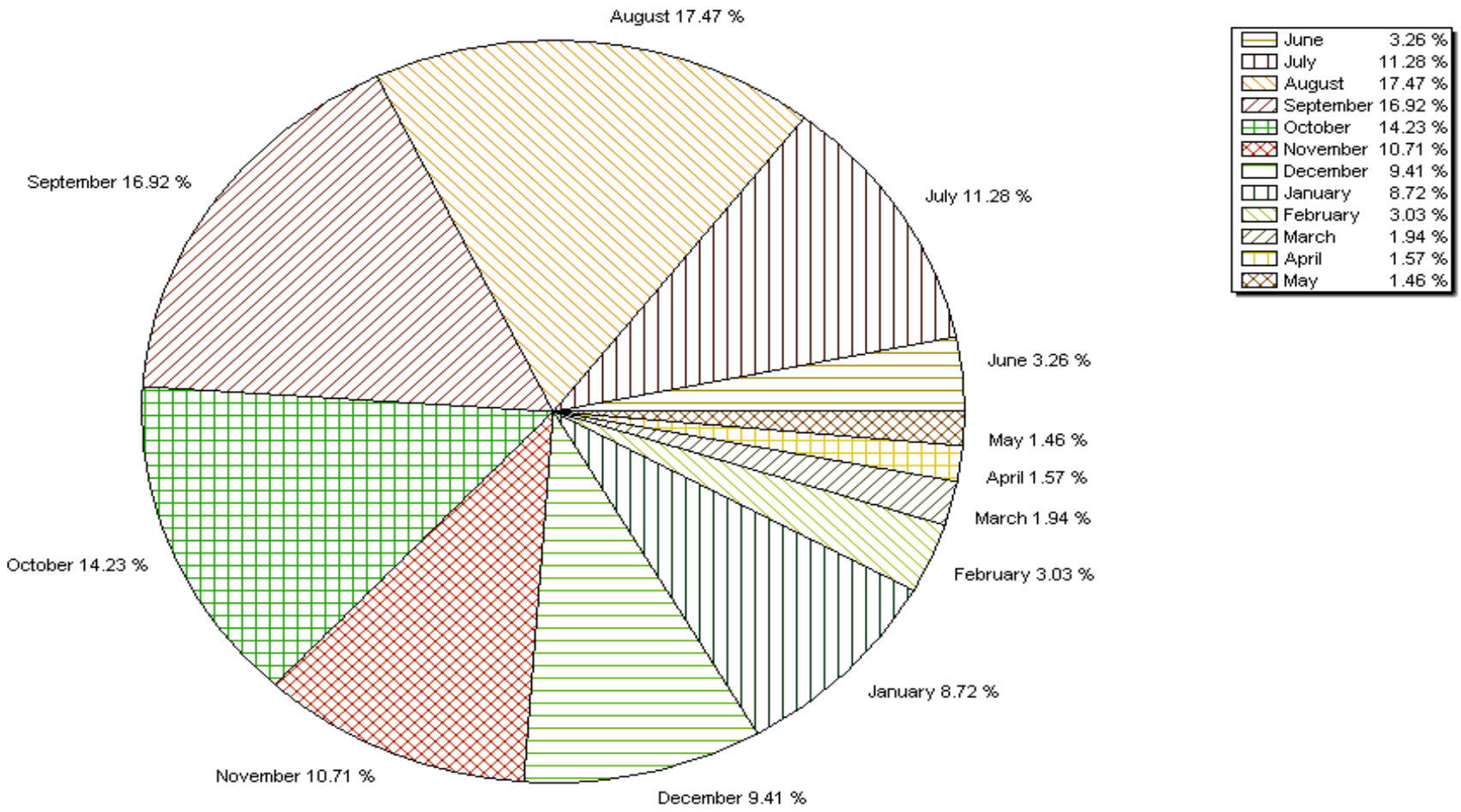
Monthly Average Runoff based on period : 1972-2015

Station Name : KODUMUDI (CC000I7)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



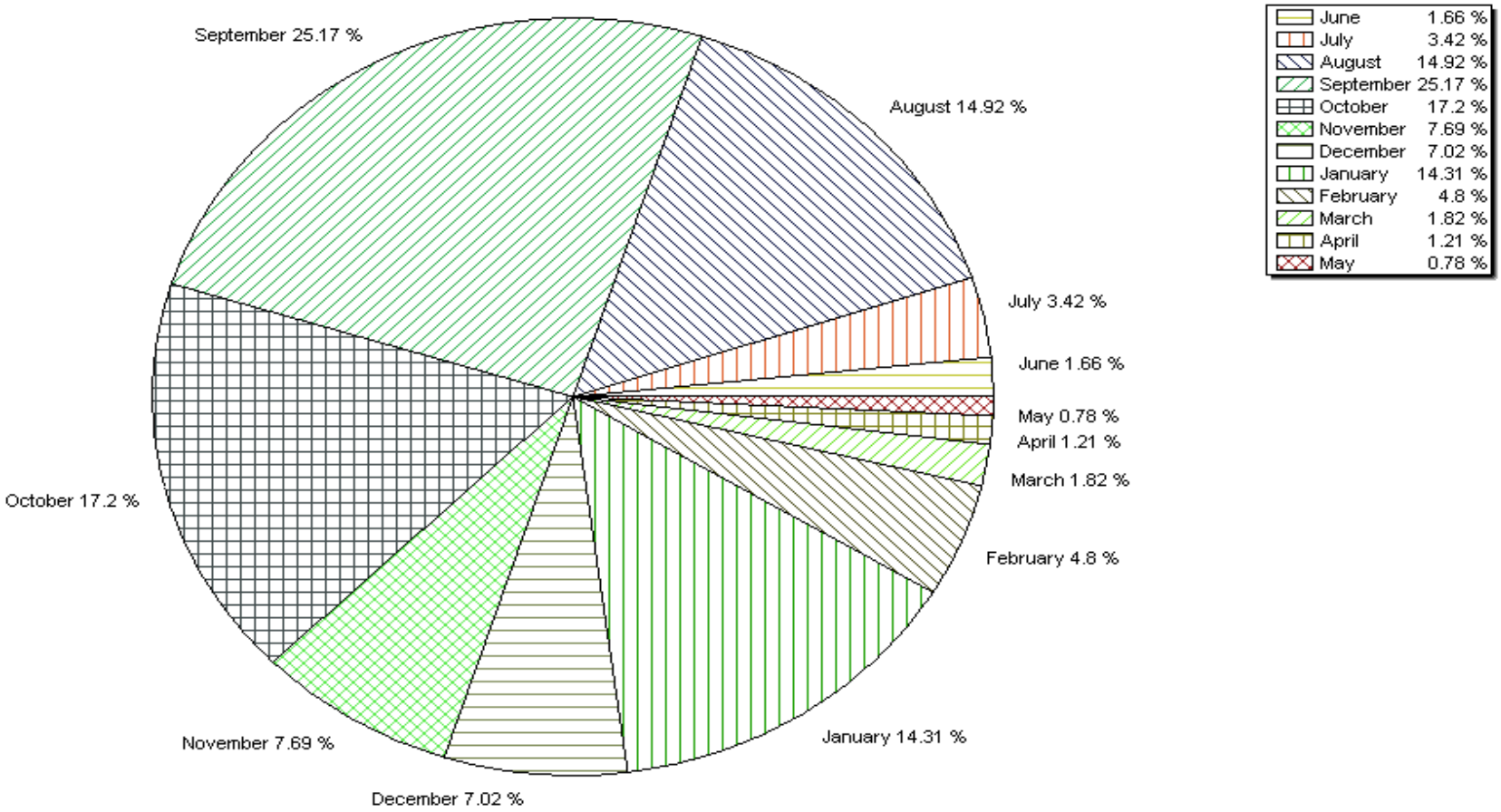
Monthly Runoff for the Year : 2015-2016

Station Name : KODUMUDI (CC000I7)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Lower Cauvery SD, Trichi



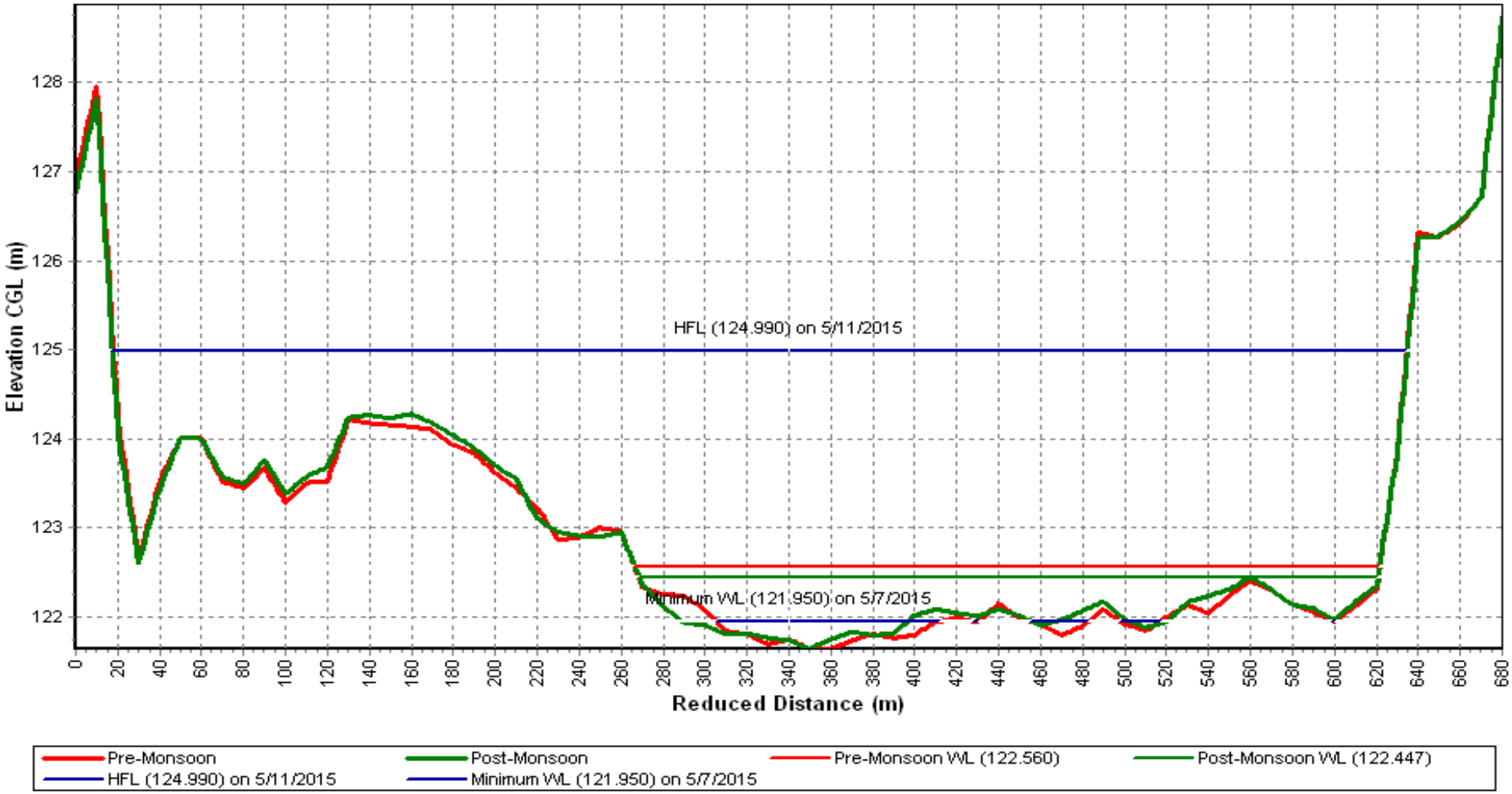
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : KODUMUDI (CC000I7)

Division : SR Division, Coimbatore

Local River : Cauvery

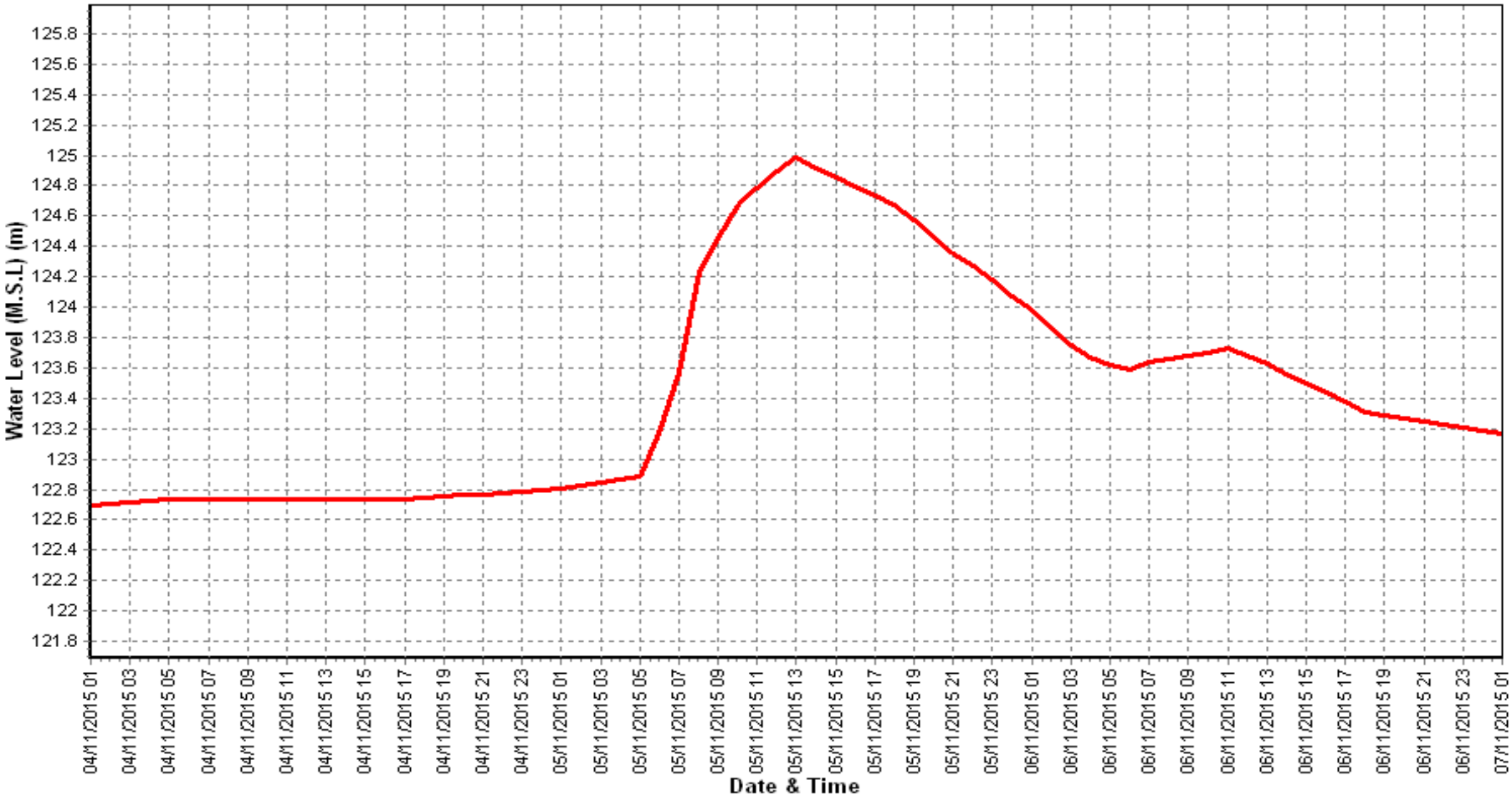
Sub-Division : Lower Cauvery SD, Trichi



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

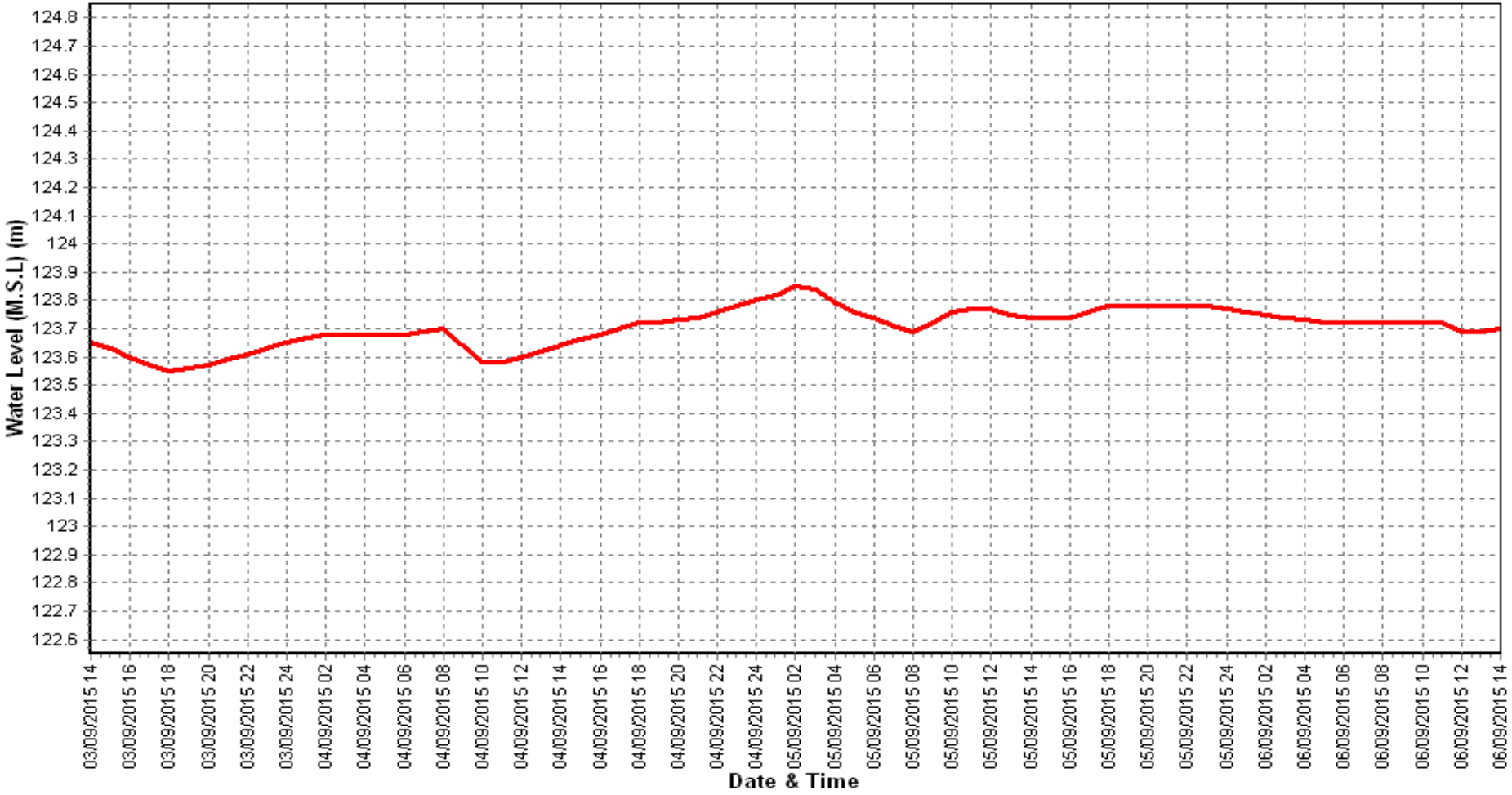


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

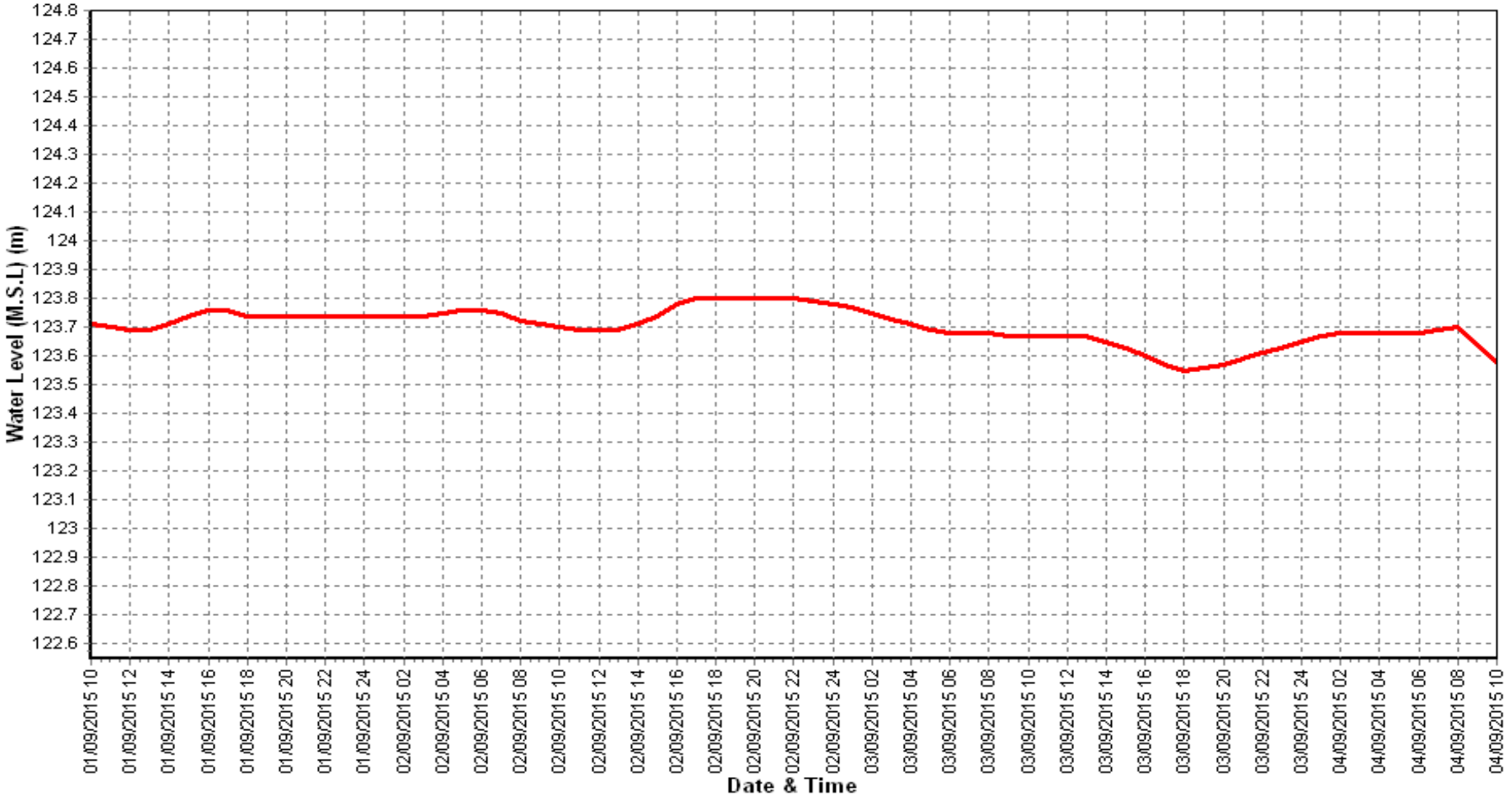


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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
1996-1997	59.13	181.600	15/10/1996	4.974	180.710	03/06/1996

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	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

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

Stage-Discharge Data for the period 2015 - 2016

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	180.880	8.489	181.070	19.42	181.000	15.94	181.110	22.69	181.075	19.29	181.050	18.10 *
2	180.900	9.152	180.840	7.589	180.840	7.473 *	181.095	21.55	180.960	13.03 *	180.970	14.28
3	180.890	8.782	180.800	6.600	181.100	21.36	181.100	22.18	180.950	13.60	180.980	14.85
4	180.880	8.222	180.710	3.739	181.140	23.80	181.150	25.88	180.960	13.03 *	180.870	8.294
5	180.920	9.823	180.910	10.54 *	181.110	22.15	181.210	28.09	181.160	25.69	181.110	22.19
6	180.860	7.771	181.050	18.29	181.050	19.01	181.300	36.04 *	181.380	39.18	181.000	15.67
7	180.830	7.074 *	181.060	18.76	180.960	14.26	181.120	23.08	181.000	15.73	180.990	14.98
8	180.810	6.257	181.080	19.91	181.040	17.00	181.130	23.67	180.950	13.51	181.250	32.01 *
9	180.820	6.610	181.100	21.00	181.070	19.32 *	181.020	16.85	180.800	6.021	181.000	15.46
10	180.790	5.892	181.100	21.10	181.060	18.13	181.000	15.73	180.800	6.124	181.030	16.90 *
11	180.740	3.903	181.120	22.63	181.100	21.67	180.960	13.75	180.850	7.882 *	181.230	30.16
12	180.730	3.701	181.130	23.23 *	181.110	22.13	181.035	16.84	182.150	138.0	181.040	17.40
13	180.730	3.006	181.130	23.19	181.090	21.00	181.100	21.24 *	181.340	36.38	180.960	13.09
14	180.730	3.642 *	181.130	23.26	181.100	21.62	181.070	19.14	181.000	15.67	180.910	9.838
15	180.680	2.342	181.060	18.81	181.130	23.23 *	181.040	17.69	180.890	8.973	180.890	9.617 *
16	180.840	7.355	181.090	20.84	181.130	23.23 *	181.020	16.66	180.820	6.360	180.900	9.619
17	180.710	3.549	181.100	21.71	181.170	26.39	181.050	18.10 *	181.070	19.30	180.880	8.577
18	180.690	2.435	181.200	28.19 *	181.210	29.33	181.075	20.47	181.080	19.95 *	180.860	7.791
19	180.840	7.399	181.200	28.19 *	181.230	30.59	181.070	20.33	181.040	17.35	180.850	7.469
20	180.830	6.618	181.100	21.48	181.175	26.70	181.050	18.10 *	181.120	22.86	180.890	9.335
21	180.830	7.074 *	181.070	19.04	181.170	26.14	181.060	18.79	181.060	18.70 *	181.010	15.57
22	180.850	7.511	181.110	21.72	181.160	26.03	181.060	18.58	181.070	19.32 *	180.950	12.51 *
23	180.810	5.995	181.100	21.49	181.180	26.73 *	181.040	17.01	181.030	16.85	181.000	15.15
24	180.810	5.940	181.100	21.52	181.150	24.22	181.070	19.32 *	181.000	15.19 *	180.980	14.57
25	180.840	7.362	181.050	18.67	181.100	22.33	181.240	30.93	180.980	14.09 *	180.920	11.02 *
26	180.790	5.688	181.050	18.10 *	181.000	16.07	181.040	17.21	181.000	15.64	180.870	8.246
27	180.790	5.476	181.080	19.81	181.010	16.34	180.970	13.55 *	180.980	15.09	180.835	6.722
28	180.730	3.642 *	181.100	21.46	181.100	22.30	180.955	13.72	181.100	21.42	180.810	6.161
29	180.760	4.188	181.080	19.73	181.135	23.63	180.950	13.64	180.980	15.18	180.800	5.936 *
30	180.780	4.781	181.040	17.95	181.130	23.23 *	181.010	16.26	180.920	9.955	181.245	28.57
31			181.060	19.00	181.120	22.82			180.900	9.371		
Ten-Daily Mean												
I Ten-Daily	180.858	7.807	180.972	14.69	181.037	17.84	181.124	23.58	181.004	16.52	181.025	17.27
II Ten-Daily	180.752	4.395	181.126	23.15	181.145	24.59	181.047	18.23	181.136	29.27	180.941	12.29
III Ten-Daily	180.799	5.766	181.076	19.86	181.114	22.71	181.039	17.90	181.002	15.53	180.942	12.45
Monthly												
Min.	180.680	2.342	180.710	3.739	180.840	7.473	180.950	13.55	180.800	6.021	180.800	5.936
Max.	180.920	9.823	181.200	28.19	181.230	30.59	181.300	36.04	182.150	138.0	181.250	32.01
Mean	180.803	5.989	181.059	19.26	181.099	21.75	181.070	19.9	181.046	20.28	180.969	14

Annual Runoff in MCM = 472 Annual Runoff in mm = 82

Peak Observed Discharge = 138.0 cumecs on 12/10/2015 Corres. Water Level :182.15 m

Lowest Observed Discharge = 2.302 cumecs on 25/05/2016 Corres. Water Level :180.7 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 2015 - 2016

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	181.250	31.40	180.720	3.875	181.090	20.52	180.980	14.79	181.020	16.27	180.840	7.018 *
2	181.030	16.63	180.720	4.024	181.075	19.91	180.970	14.69	181.020	16.20	180.780	5.280
3	181.040	17.08	180.830	6.637 *	181.060	18.90	181.030	16.75	181.060	18.75 *	180.800	5.890
4	180.970	14.29	180.850	6.785	181.060	18.55	181.010	15.74	181.030	17.02	180.750	4.079
5	180.900	9.289	180.880	8.416	181.060	18.56	181.030	17.16	181.020	16.65	180.750	4.089
6	180.900	9.567 *	180.930	9.866	181.030	16.66	181.000	14.89 *	181.010	15.93	180.770	4.455
7	180.880	8.554	180.960	13.26	181.060	18.75 *	181.010	15.69	181.070	18.75	180.770	4.472
8	180.850	7.259	180.930	9.333	181.060	18.70	181.030	16.94	181.040	17.06	180.790	5.238 *
9	180.850	7.331	180.980	14.87	181.040	16.72	180.960	13.28	181.620	71.37	180.810	5.292
10	180.860	7.568	181.000	14.89 *	181.000	15.30	180.970	13.68	181.140	24.75 *	180.810	5.293
11	180.880	8.443	181.050	18.01	180.960	13.18	180.970	13.57	180.890	9.220	180.850	7.552
12	180.880	8.435	181.070	19.20	180.960	13.18	180.970	13.60	180.840	7.564	180.830	6.871
13	180.890	9.110 *	181.020	16.88	180.970	13.57	180.920	10.52 *	181.000	15.30	180.750	3.416
14	180.890	8.704	181.010	16.06	181.000	14.89 *	180.930	10.02	181.080	20.16 *	180.810	5.916
15	181.000	15.79	181.030	16.75 *	181.010	15.68	180.960	13.00	181.020	16.19	180.810	5.913 *
16	180.930	9.977	181.040	17.41	181.010	15.75	181.030	16.98	181.070	18.61	180.810	5.904
17	180.900	9.067	181.060	18.75 *	181.010	15.52	181.020	16.49	181.050	18.07 *	180.870	7.898
18	180.860	7.214	181.040	17.49	181.000	15.02	181.000	15.55	181.050	17.61	180.870	8.033
19	180.840	6.707	181.040	18.06	180.960	13.12	180.950	12.91	181.020	16.10	180.840	6.766
20	180.910	10.04 *	181.040	17.62	180.990	14.04	180.960	12.59 *	181.000	14.89 *	180.820	5.822
21	180.890	8.501	181.040	17.01	181.000	14.89 *	181.000	15.61	180.960	13.64	180.800	5.570 *
22	180.820	6.499	181.000	15.22	180.970	13.67	180.980	14.97	180.950	13.36	180.770	4.611 *
23	180.810	6.044	180.990	14.93	180.960	13.22	180.930	9.978	181.000	15.21	180.730	3.332
24	180.790	5.238 *	180.960	12.59 *	181.110	21.38	181.040	17.61	181.010	15.49 *	180.710	3.094
25	180.930	11.02 *	180.960	14.09	181.150	24.55	181.080	20.16 *	181.070	18.53	180.700	2.302
26	180.900	9.545	181.000	14.89 *	181.080	20.02	181.070	18.91	180.960	13.45	180.750	3.618
27	180.890	9.110 *	181.000	15.37	181.060	18.78	181.070	19.45 *	180.930	10.56	180.840	6.663
28	180.860	7.534	181.000	15.22	181.030	16.75 *	181.040	17.25	180.950	13.62	180.760	3.747
29	180.870	7.935	181.000	14.88	180.990	15.42	181.010	15.74	180.920	10.12	180.750	4.029 *
30	180.750	4.578	181.000	15.02			180.990	14.84	180.910	9.184	180.750	3.557
31	180.720	4.211	181.000	14.89 *			181.010	15.57			180.730	3.430
Ten-Daily Mean												
I Ten-Daily	180.953	12.90	180.880	9.196	181.054	18.26	180.999	15.36	181.103	23.27	180.787	5.111
II Ten-Daily	180.898	9.349	181.040	17.62	180.987	14.40	180.971	13.52	181.002	15.37	180.826	6.409
III Ten-Daily	180.839	7.292	180.995	14.92	181.039	17.63	181.020	16.37	180.966	13.32	180.754	3.996
Monthly												
Min.	180.720	4.211	180.720	3.875	180.960	13.12	180.920	9.978	180.840	7.564	180.700	2.302
Max.	181.250	31.40	181.070	19.20	181.150	24.55	181.080	20.16	181.620	71.37	180.870	8.033
Mean	180.895	9.764	180.973	13.95	181.026	16.73	180.997	15.13	181.024	17.32	180.788	5.134

Peak Computed Discharge = 36.04 cumecs on 06/09/2015 Corres. Water Level :181.3 m

Lowest Computed Discharge = 3.642 cumecs on 14/06/2015 Corres. Water Level :180.73 m

Q: Observed/Computed Discharge in cumecs

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

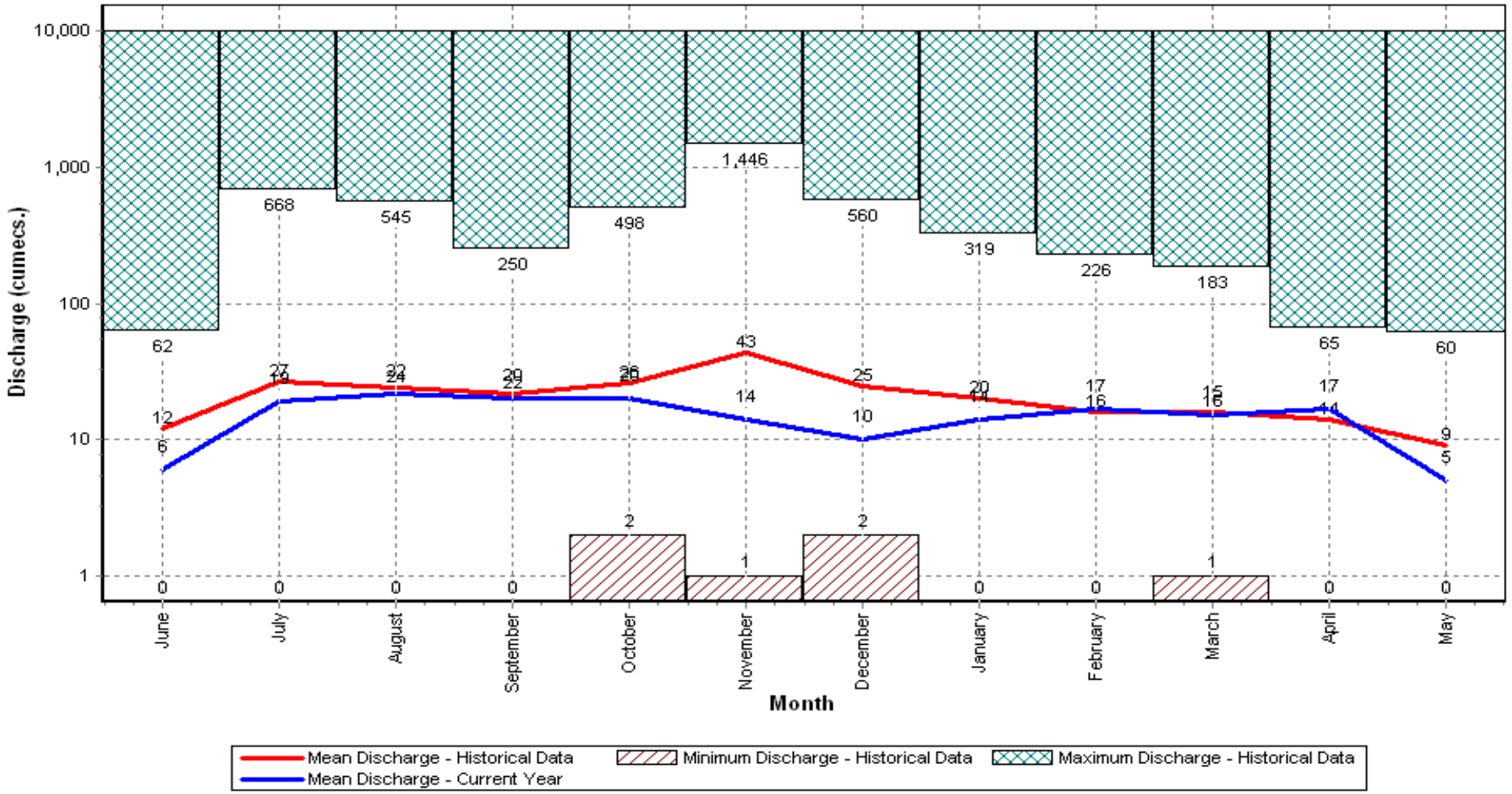
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : SAVANDAPUR (CCG00E3) | **Data considered : 1978-2016** | **Division : SR Division, Coimbatore**

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



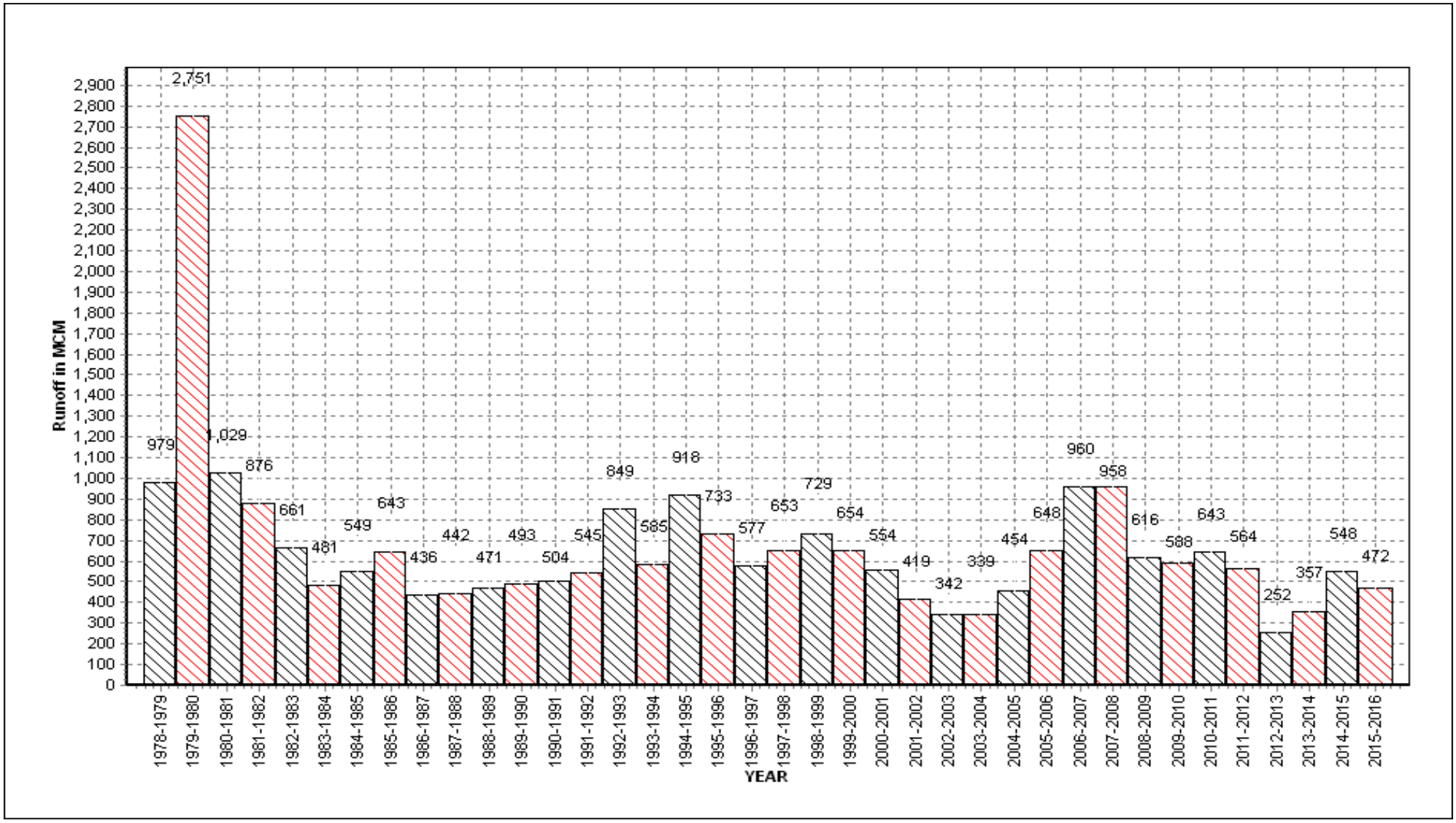
Annual Runoff Values for the period: 1978 - 2016

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

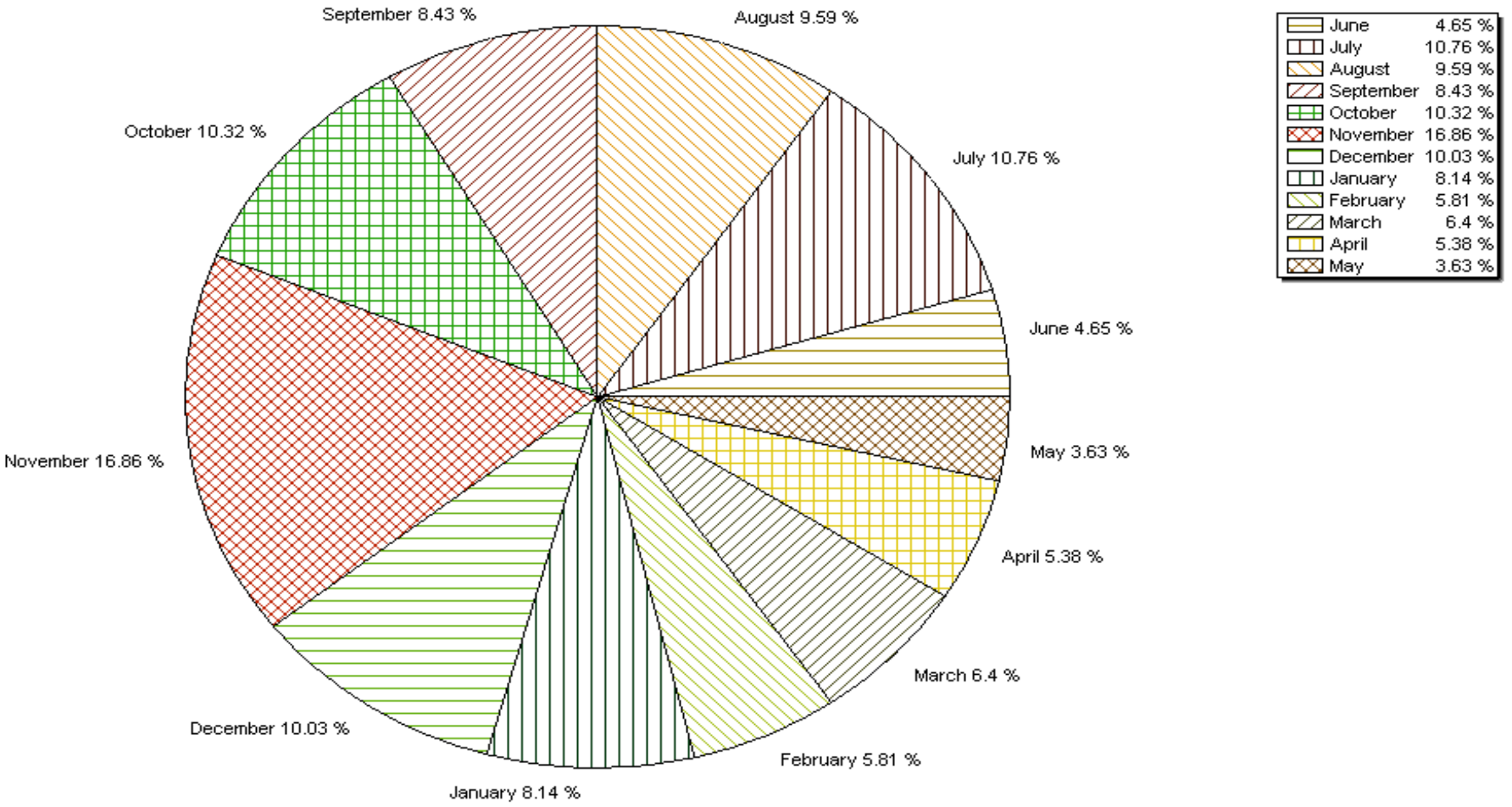
Monthly Average Runoff based on period : 1978-2015

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



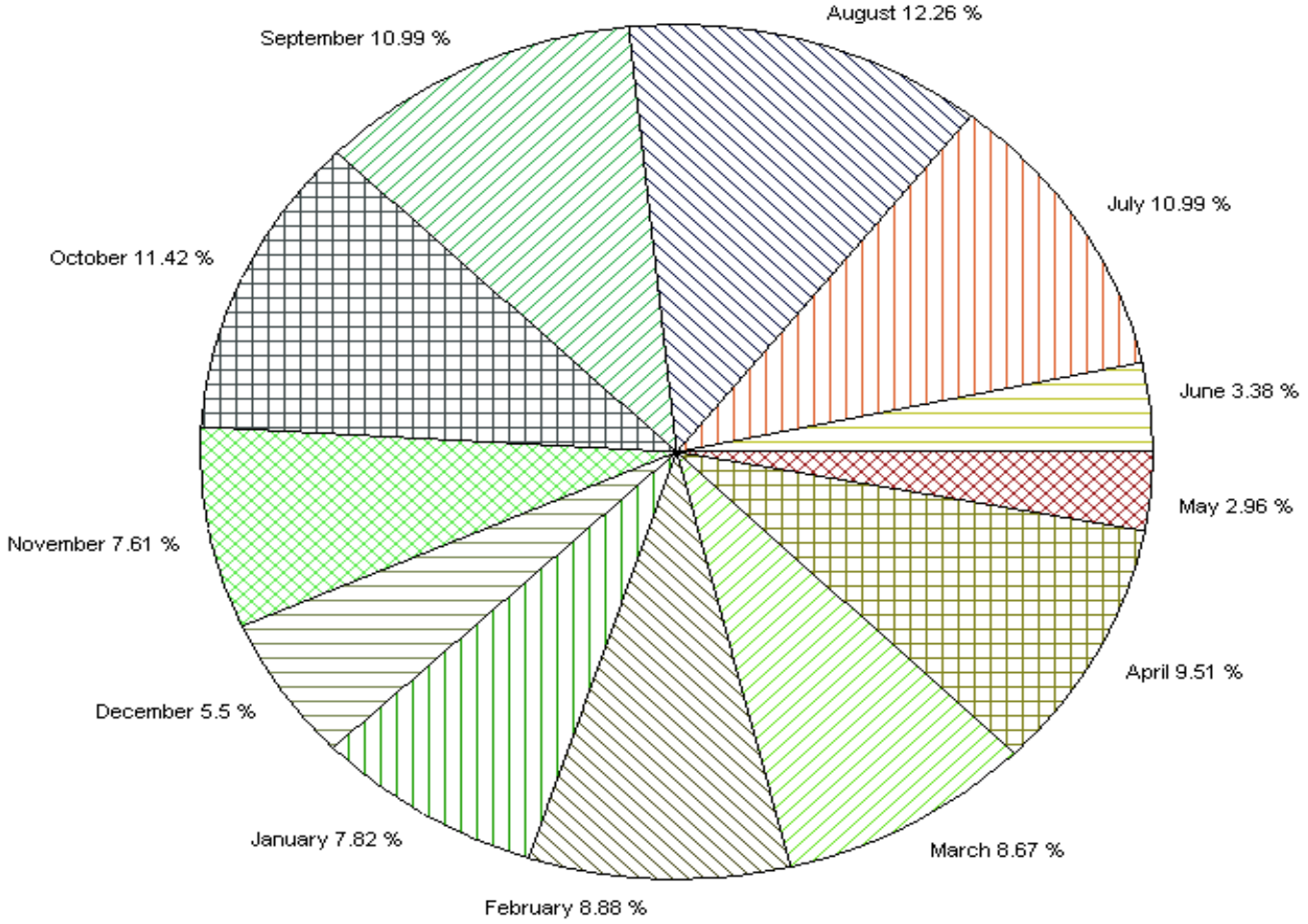
Monthly Runoff for the Year : 2015-2016

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

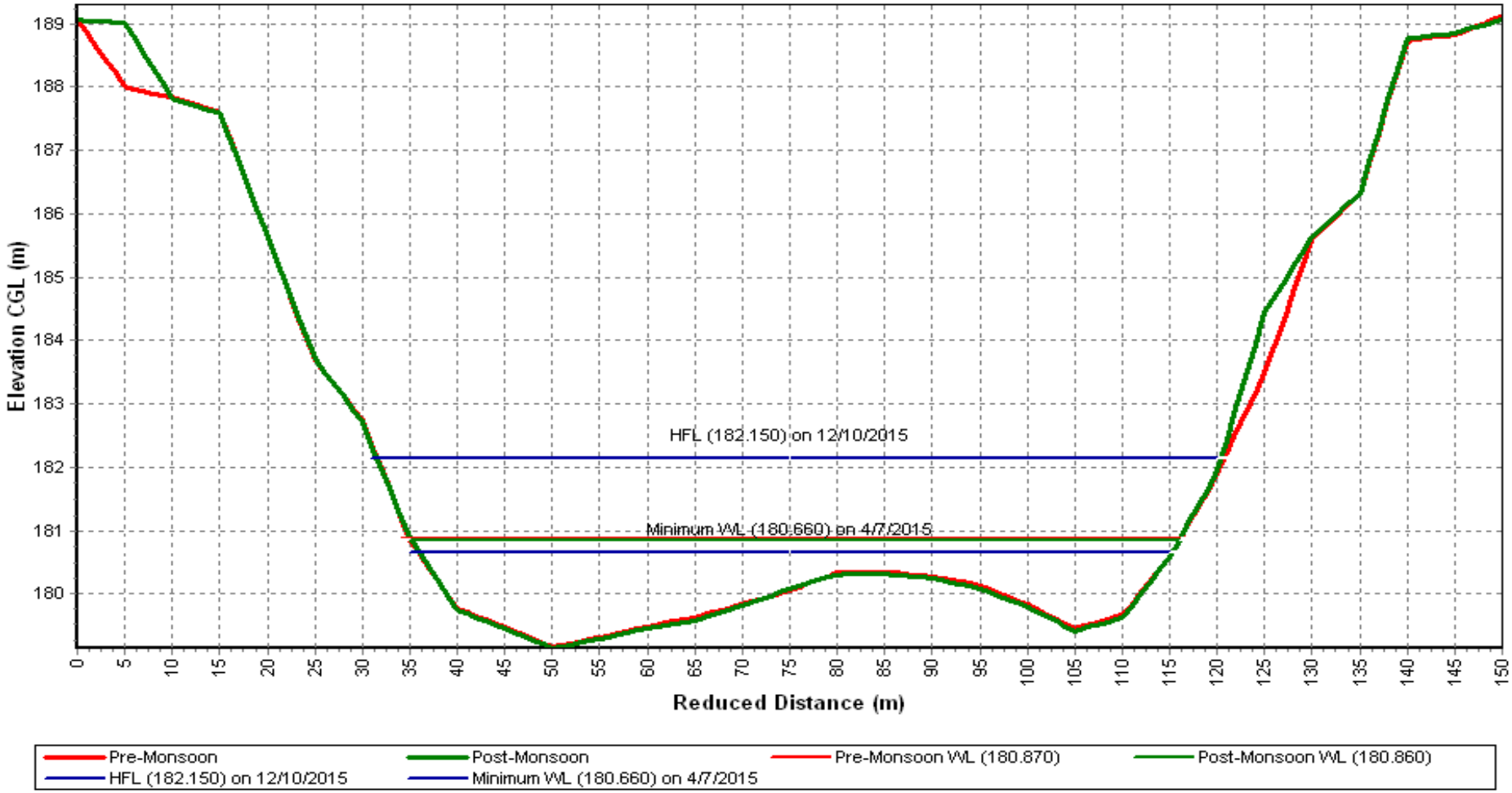


June	3.38 %
July	10.99 %
August	12.26 %
September	10.99 %
October	11.42 %
November	7.61 %
December	5.5 %
January	7.82 %
February	8.88 %
March	8.67 %
April	9.51 %
May	2.96 %

Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

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



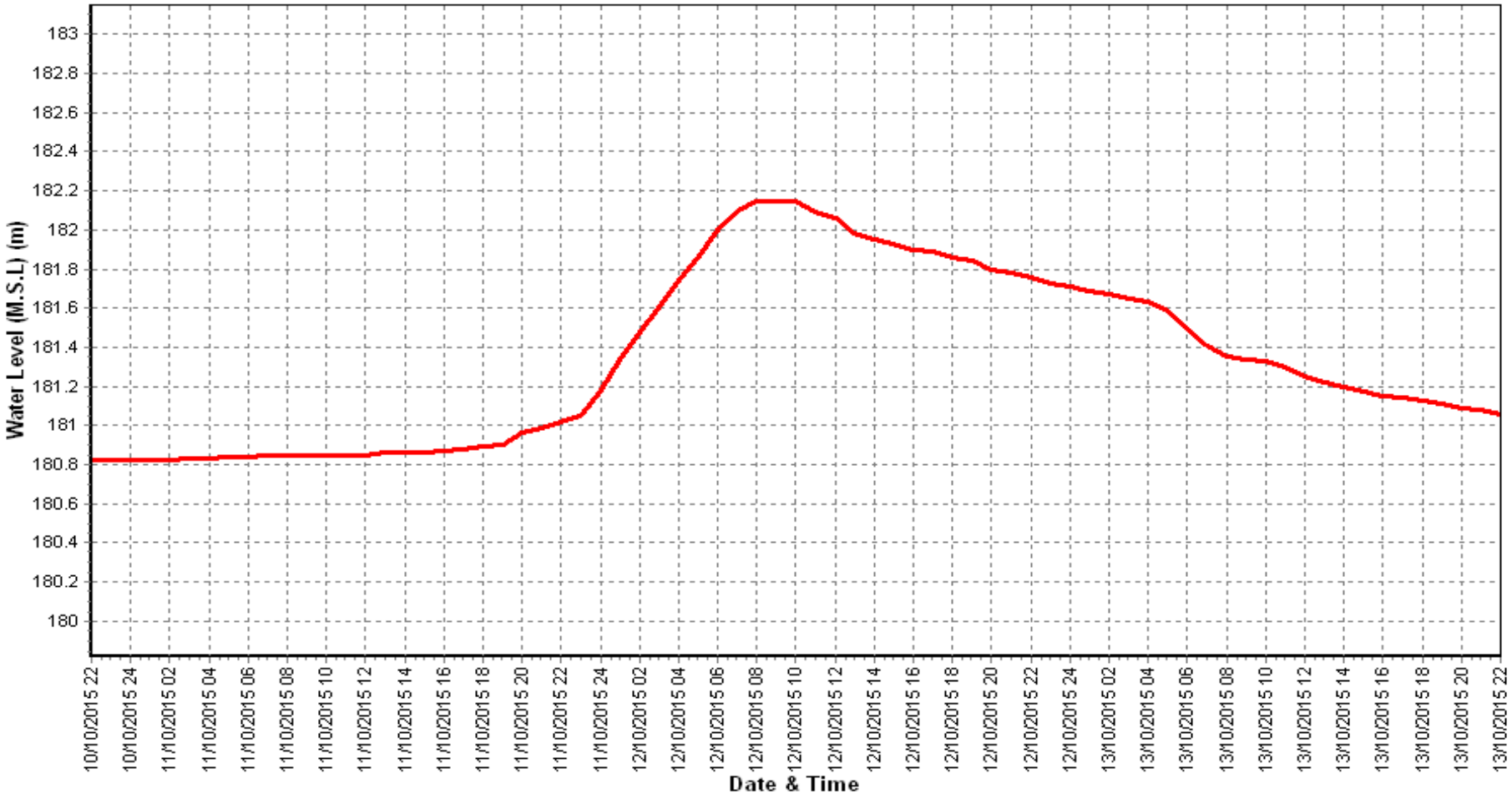
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : SAVANDAPUR (CCG00E3)

Division : SR Division, Coimbatore

Local River : Bhavani

Sub-Division : Middle Cauvery SD, Coimbatore

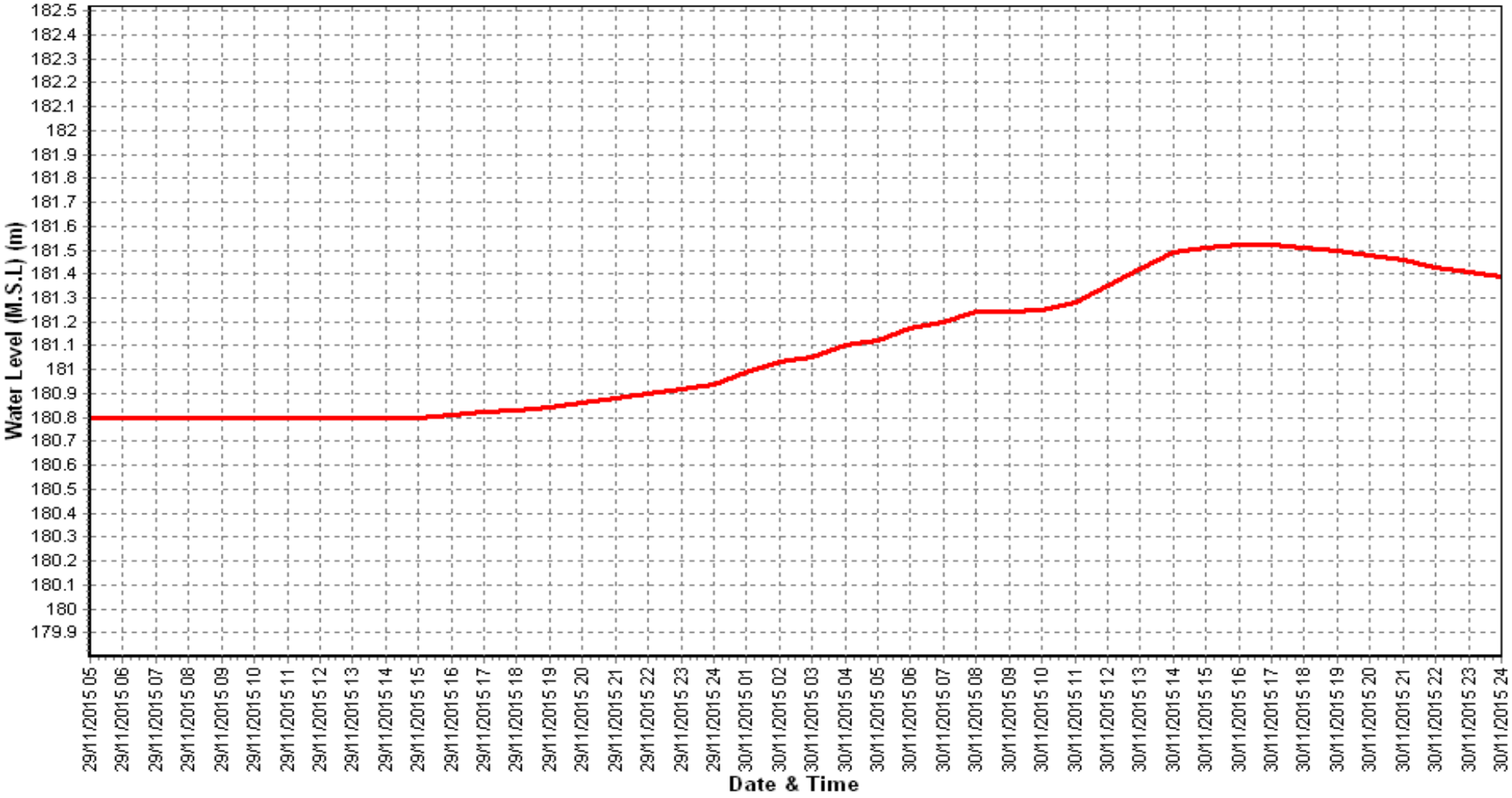


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

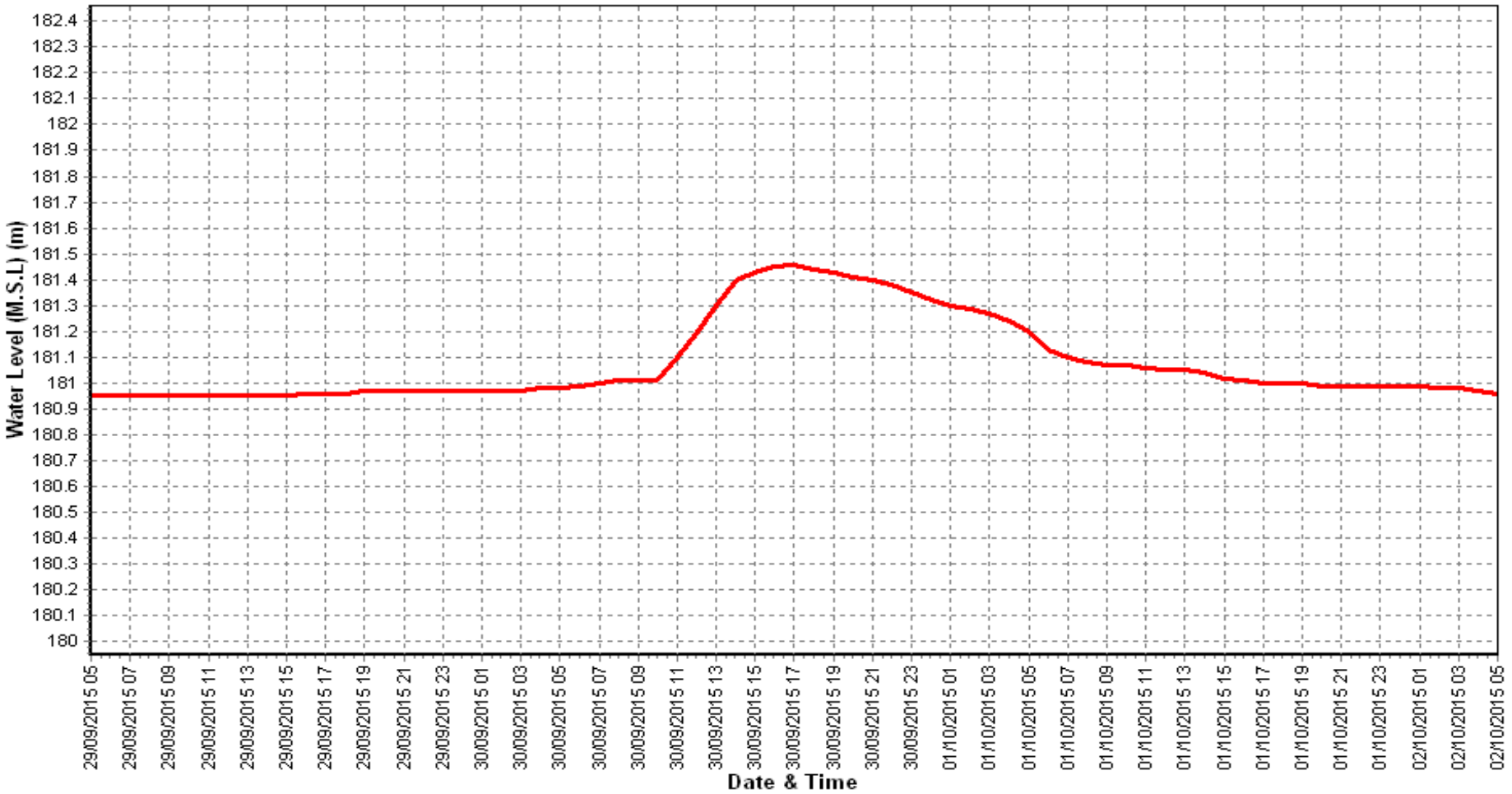


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	338.750	8.089	338.670	6.120	338.650	5.700	338.690	6.838	338.850	12.52	338.780	9.696 *
2	338.795	9.643	338.680	6.466	338.750	8.640 *	338.635	4.781	338.870	13.10 *	338.750	8.248
3	338.740	7.840	338.775	9.395	338.625	4.728	338.670	6.243	338.785	9.747	338.810	10.43
4	338.720	7.362	338.705	7.065	338.550	2.842	338.780	9.221	338.710	7.298 *	338.735	7.586
5	338.710	7.531	338.700	6.976 *	338.620	4.668	338.750	8.554	338.695	6.864	338.890	13.48
6	338.750	8.173	338.670	6.189	338.570	3.301	338.800	10.42 *	338.780	9.720	338.835	11.76
7	338.700	6.976 *	338.780	9.888	338.625	4.880	338.785	9.416	338.740	8.478	338.790	9.718
8	338.800	9.857	338.770	9.702	338.660	5.857	338.800	10.09	338.680	6.464	338.950	16.41 *
9	338.770	9.159	338.675	6.455	338.530	2.325 *	338.775	9.602	338.690	6.831	338.815	10.62
10	338.705	7.204	338.785	10.10	338.575	3.607	338.660	6.158	338.685	6.755	338.930	15.56 *
11	338.700	6.913	338.780	9.738	338.770	9.303	338.590	3.537	338.650	5.436 *	339.190	27.36
12	338.745	8.131	338.680	6.344 *	338.610	4.655	338.560	3.089	338.890	14.07	339.070	21.80
13	338.640	5.074	338.635	4.759	338.670	5.935	338.550	2.780 *	338.850	12.62	339.010	21.38
14	338.640	5.145 *	338.700	7.078	338.720	7.529	338.540	2.582	338.805	10.21	338.870	13.07
15	338.650	5.550	338.650	5.753	338.590	3.770 *	338.520	2.089	338.730	7.680	338.900	14.31 *
16	338.700	6.809	338.770	8.992	338.680	6.344 *	338.520	2.194	338.910	15.18	338.850	12.16
17	338.665	6.427	338.655	5.758	338.685	6.488	338.600	4.033 *	338.750	8.150	339.070	20.79
18	338.530	2.084	338.590	3.770 *	338.830	11.19	338.540	2.598	338.630	4.858 *	338.970	17.15
19	338.550	2.528	338.650	5.436 *	338.730	7.708	338.560	2.897	338.715	7.513	338.950	17.36
20	338.750	8.212	338.875	14.08	338.695	7.172	338.500	1.697 *	338.730	7.772	339.100	22.43
21	338.880	13.50 *	338.710	7.162	338.700	7.016	338.540	2.512	338.690	6.657 *	339.150	24.71
22	338.980	18.58	338.865	13.68	338.590	3.384	338.695	6.894	338.740	8.297 *	339.000	18.61 *
23	339.280	31.47	338.680	6.946	338.690	6.657 *	338.705	6.927	338.855	12.54	338.980	18.34
24	339.410	38.30	338.675	6.406	338.645	5.351	338.840	11.93 *	338.850	12.32 *	338.950	16.87
25	339.300	32.16	338.625	4.879	338.640	5.318	338.960	17.35	338.710	7.298 *	338.970	17.28 *
26	339.370	36.67	338.760	8.988 *	338.655	5.444	338.870	13.85	338.645	5.122	338.865	13.03
27	339.320	34.23	338.630	5.008	338.595	3.823	339.200	28.27 *	338.840	12.14	338.900	14.39
28	338.990	18.16 *	338.755	8.790	338.560	3.175	339.000	19.34	338.755	8.483	338.805	10.20
29	338.780	9.332	338.790	10.84	338.595	3.524	339.150	24.96	338.685	6.676	338.750	8.640 *
30	338.800	10.04	338.680	6.530	338.750	8.640 *	338.850	12.44	338.680	6.334	338.800	9.814
31			338.620	4.449	338.580	3.144			338.725	7.339		
Ten-Daily Mean												
I Ten-Daily	338.744	8.183	338.721	7.835	338.615	4.655	338.734	8.132	338.748	8.777	338.828	11.35
II Ten-Daily	338.657	5.687	338.698	7.171	338.698	7.010	338.548	2.750	338.766	9.349	338.998	18.78
III Ten-Daily	339.111	24.24	338.708	7.607	338.636	5.043	338.881	14.45	338.743	8.473	338.917	15.19
Monthly												
Min.	338.530	2.084	338.590	3.770	338.530	2.325	338.500	1.697	338.630	4.858	338.735	7.586
Max.	339.410	38.30	338.875	14.08	338.830	11.19	339.200	28.27	338.910	15.18	339.190	27.36
Mean	338.837	12.7	338.709	7.54	338.650	5.552	338.721	8.444	338.752	8.854	338.914	15.11

Annual Runoff in MCM = 273 Annual Runoff in mm = 199

Peak Observed Discharge = 38.30 cumecs on 24/06/2015 Corres. Water Level :339.41 m

Lowest Observed Discharge = 2.084 cumecs on 18/06/2015 Corres. Water Level :338.53 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 2015 - 2016

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	338.900	14.44	338.650	5.437	338.620	3.895	338.735	7.933	338.815	10.11	338.840	11.88 *
2	338.840	12.06	338.645	4.859	338.645	4.637	338.745	8.273	338.845	11.37	338.610	3.740
3	338.915	14.98	338.750	8.260 *	338.645	4.569	338.770	9.532	338.780	9.395 *	338.820	11.16
4	338.820	11.06	338.675	5.805	338.655	4.831	338.740	8.120	338.605	3.580	338.815	11.26
5	338.805	10.63	338.650	5.255	338.660	4.650	338.795	10.13	338.720	7.127	338.800	10.90
6	338.850	12.33 *	338.780	10.10	338.700	6.991	338.800	10.19 *	338.730	7.472	338.725	8.090
7	338.840	11.81	338.705	7.204	338.700	6.530 *	338.670	4.854	338.865	12.48	338.755	8.950
8	338.850	12.55	338.670	5.762	338.650	4.685	338.770	9.154	338.805	10.06	338.770	9.008 *
9	338.845	12.11	338.680	5.906	338.640	4.303	338.730	7.075	338.845	11.95	338.610	3.632
10	338.810	10.70	338.650	5.002 *	338.660	4.566	338.750	7.676	338.870	13.24 *	338.600	3.555
11	338.810	10.65	338.620	4.121	338.765	9.425	338.730	7.135	338.850	12.13	338.735	8.599
12	338.795	10.12	338.650	5.137	338.660	4.933	338.730	6.805	338.870	13.24	338.665	6.130
13	338.800	10.19 *	338.605	4.040	338.800	10.22	338.750	8.260 *	338.830	11.68	338.705	7.579
14	338.805	10.41	338.665	5.660	338.730	7.544 *	338.640	4.131	338.850	12.33 *	338.635	4.880
15	338.835	11.59	338.690	6.208 *	338.585	2.963	338.790	9.848	338.820	10.91	338.650	5.002 *
16	338.860	12.63	338.705	7.056	338.665	5.401	338.775	9.461	338.865	12.96	338.550	2.556 *
17	338.790	10.17	338.670	5.590 *	338.660	5.260	338.740	7.282	338.730	7.544 *	338.530	2.510
18	338.785	9.935	338.650	5.253	338.710	6.897	338.750	7.551	338.850	12.24	338.675	6.038
19	338.750	8.555	338.665	5.442	338.640	4.428	338.820	10.42	338.730	7.916	338.575	2.965
20	338.660	5.292 *	338.655	5.186	338.680	5.680	338.770	9.008 *	338.800	10.19 *	338.580	3.016
21	338.650	5.738	338.660	5.129	338.700	6.530 *	338.730	7.268	338.830	11.53	338.500	1.638 *
22	338.790	10.19	338.680	5.813	338.700	6.467	338.830	10.83	338.720	7.435	338.550	2.556 *
23	338.690	6.478	338.665	5.668	338.745	8.318	338.800	9.847	338.830	11.18	338.515	2.351
24	338.700	6.530 *	338.600	3.678 *	338.730	8.145	338.755	7.748	338.720	7.198 *	338.595	3.520
25	338.720	7.198 *	338.620	4.059	338.745	8.319	338.750	8.260 *	338.650	5.336	338.560	2.711
26	338.720	7.629	338.720	7.198 *	338.735	7.809	338.770	8.293	338.830	11.56	338.610	3.672
27	338.680	5.894 *	338.585	3.312	338.715	7.217	338.760	8.631 *	338.830	11.55	338.575	2.855
28	338.600	3.643	338.640	4.888	338.740	7.897 *	338.730	7.271	338.730	7.611	338.560	2.782
29	338.750	8.503	338.640	4.564	338.590	3.238	338.825	10.86	338.820	11.19	338.580	3.205 *
30	338.770	9.766	338.775	9.789			338.880	12.69	338.825	11.33	338.595	3.489
31	338.670	6.200	338.750	8.260 *			338.860	11.90			338.675	5.799
Ten-Daily Mean												
I Ten-Daily	338.848	12.27	338.685	6.359	338.658	4.966	338.750	8.294	338.788	9.678	338.735	8.217
II Ten-Daily	338.789	9.954	338.658	5.369	338.689	6.275	338.750	7.991	338.820	11.11	338.630	4.928
III Ten-Daily	338.704	7.069	338.667	5.669	338.711	7.105	338.790	9.418	338.779	9.593	338.574	3.143
Monthly												
Min.	338.600	3.643	338.585	3.312	338.585	2.963	338.640	4.131	338.605	3.580	338.500	1.638
Max.	338.915	14.98	338.780	10.10	338.800	10.22	338.880	12.69	338.870	13.24	338.840	11.88
Mean	338.778	9.676	338.670	5.795	338.685	6.081	338.764	8.595	338.795	10.13	338.644	5.356

Peak Computed Discharge = 28.27 cumecs on 27/09/2015 Corres. Water Level :339.2 m

Lowest Computed Discharge = 1.638 cumecs on 21/05/2016 Corres. Water Level :338.5 m

Q: Observed/Computed Discharge in cumecs

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

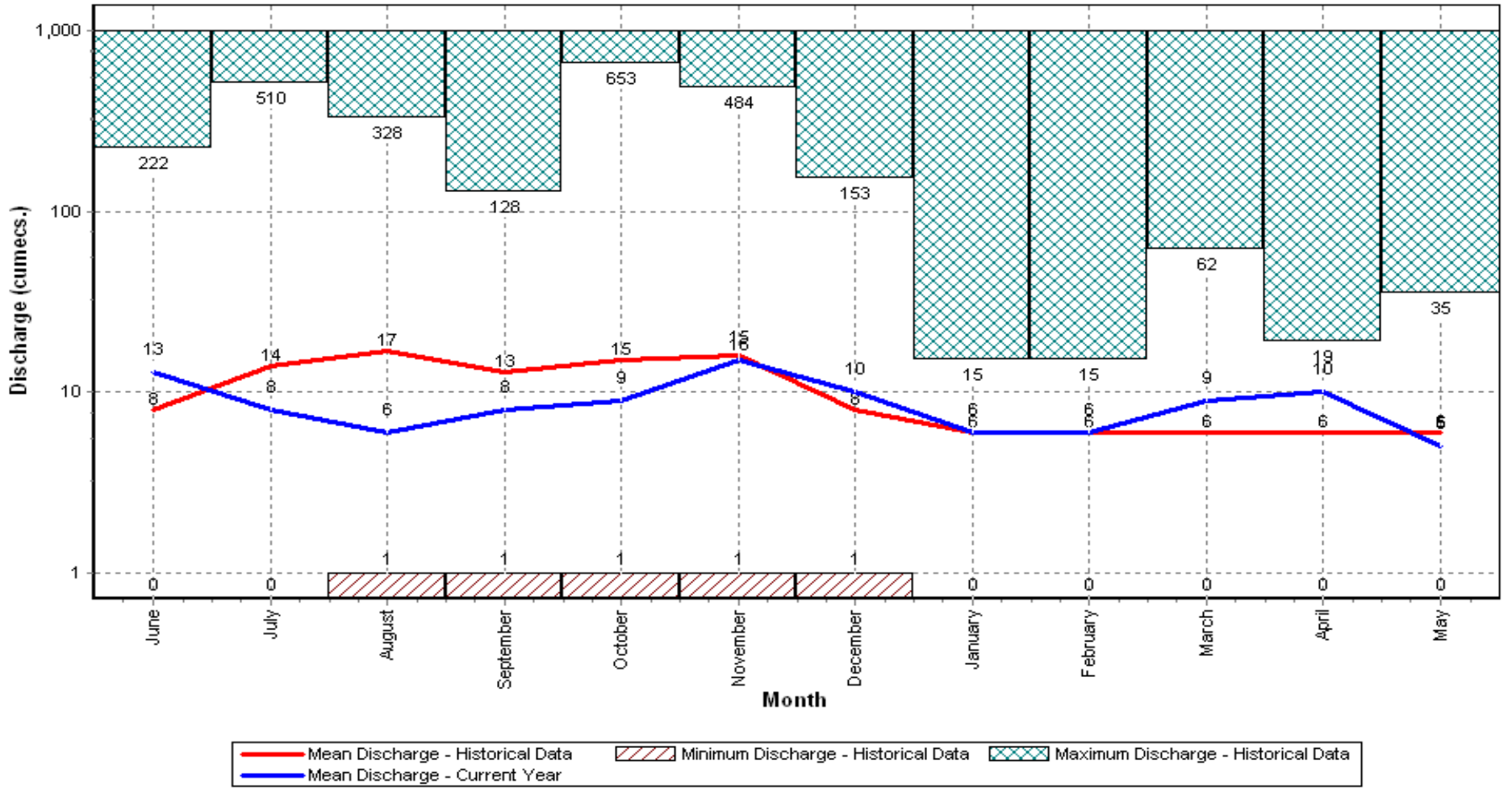
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : THENGUMARAHADA (CCGI0E9) **Data considered : 1979-2016** **Division : SR Division, Coimbatore**

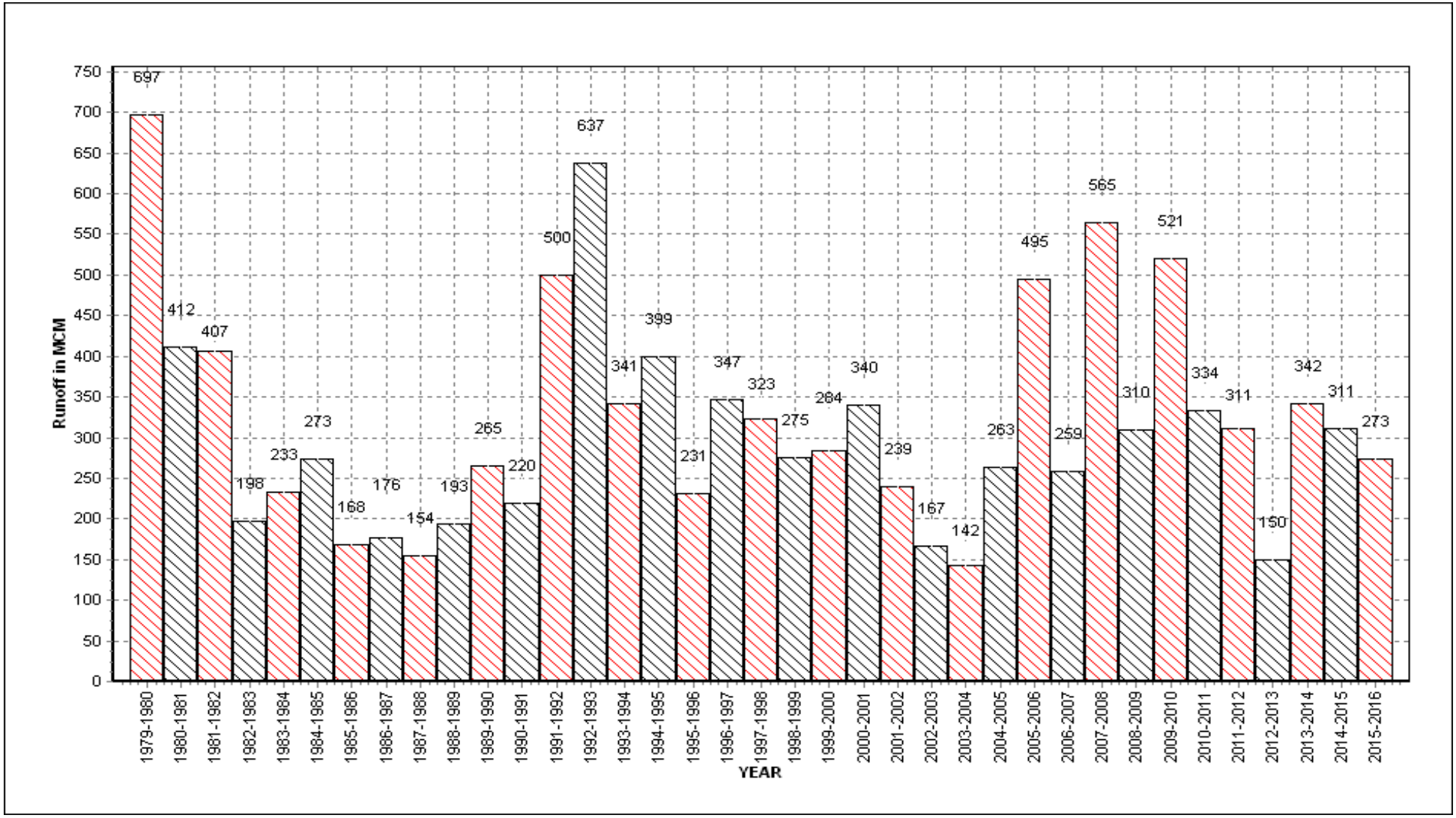
Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2016

Station Name : THENGUMARAHADA (CCGI0E9)
Local River : Moyar

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



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

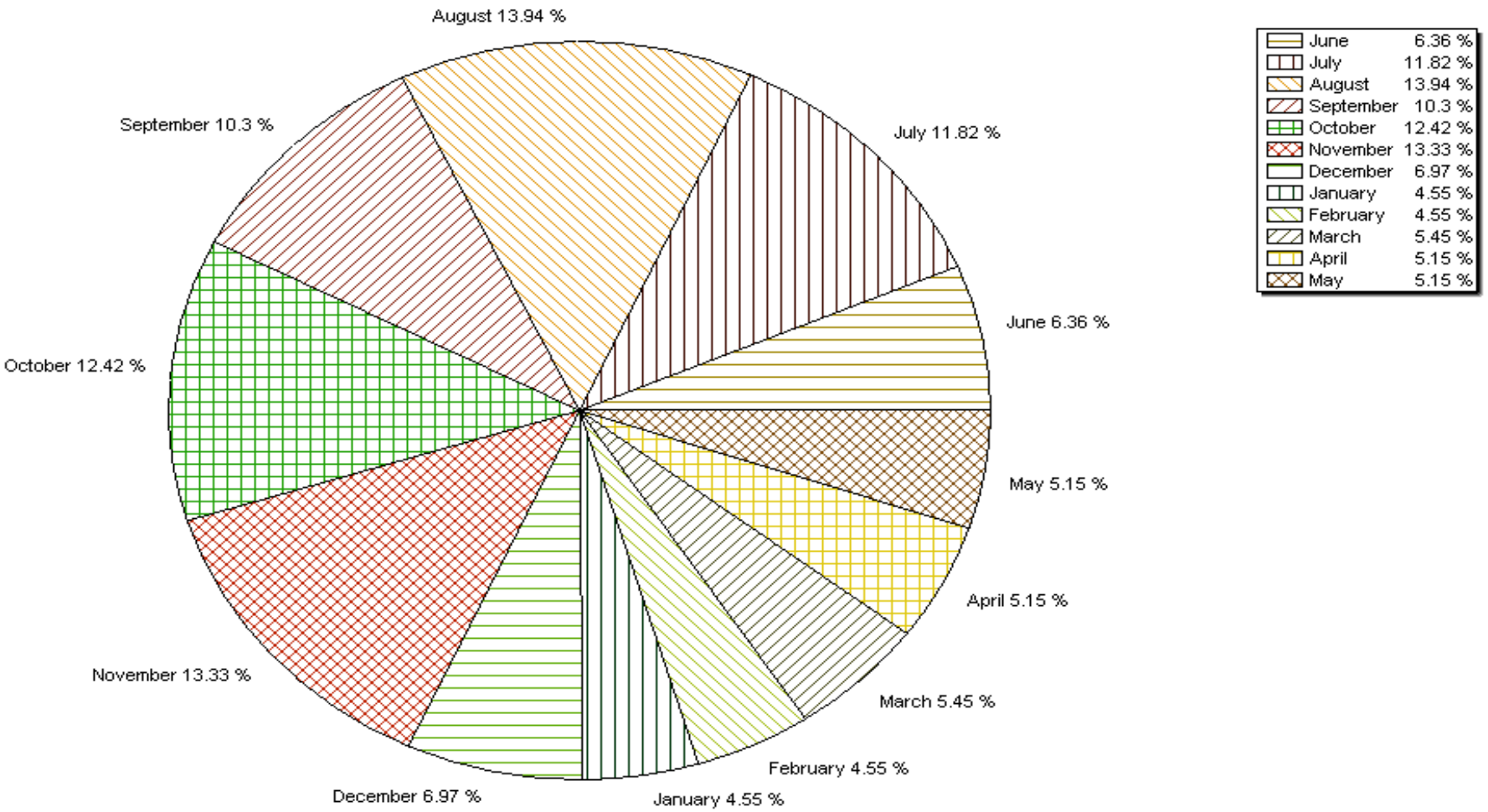
Monthly Average Runoff based on period : 1979-2015

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



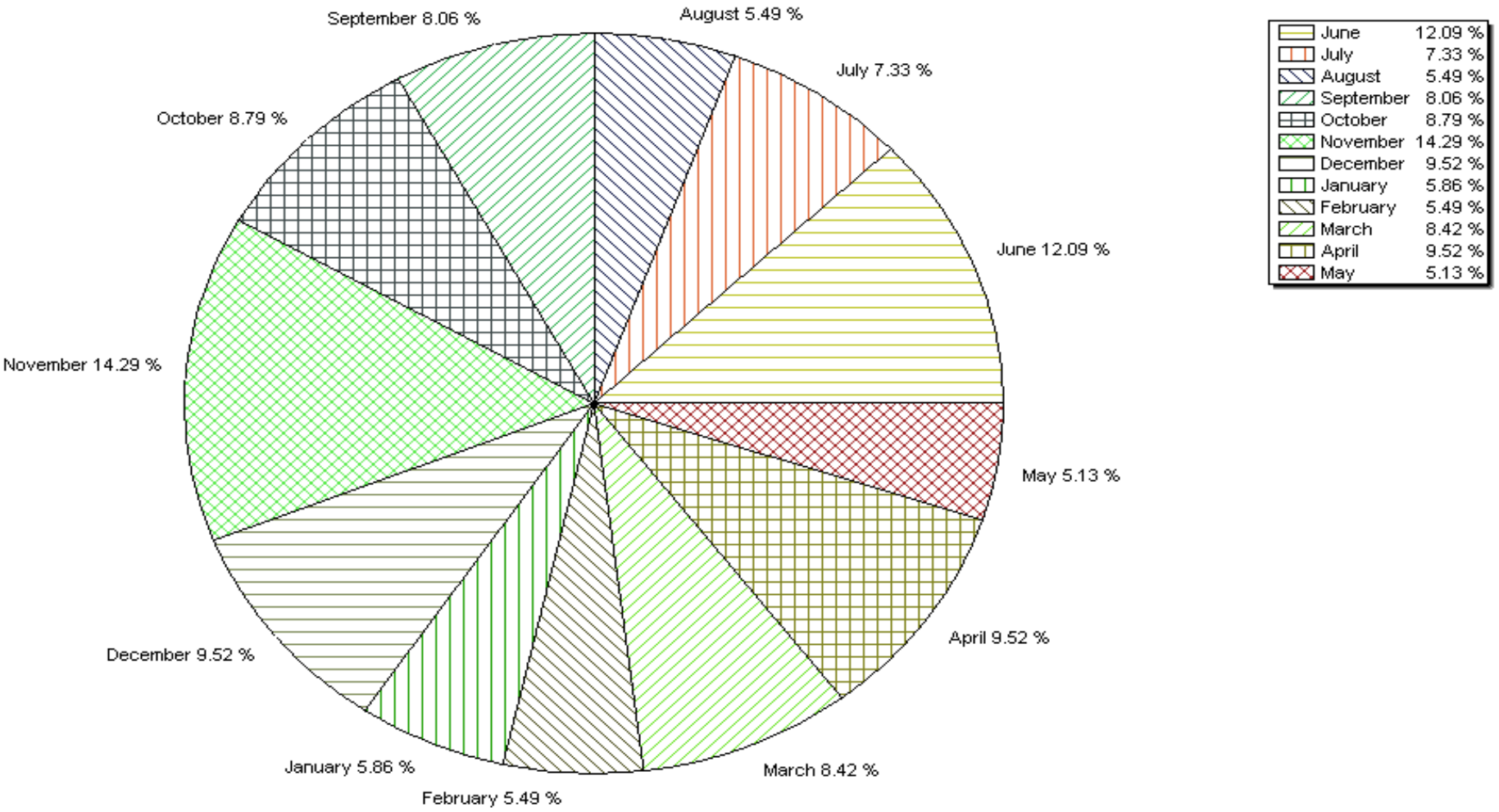
Monthly Runoff for the Year : 2015-2016

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

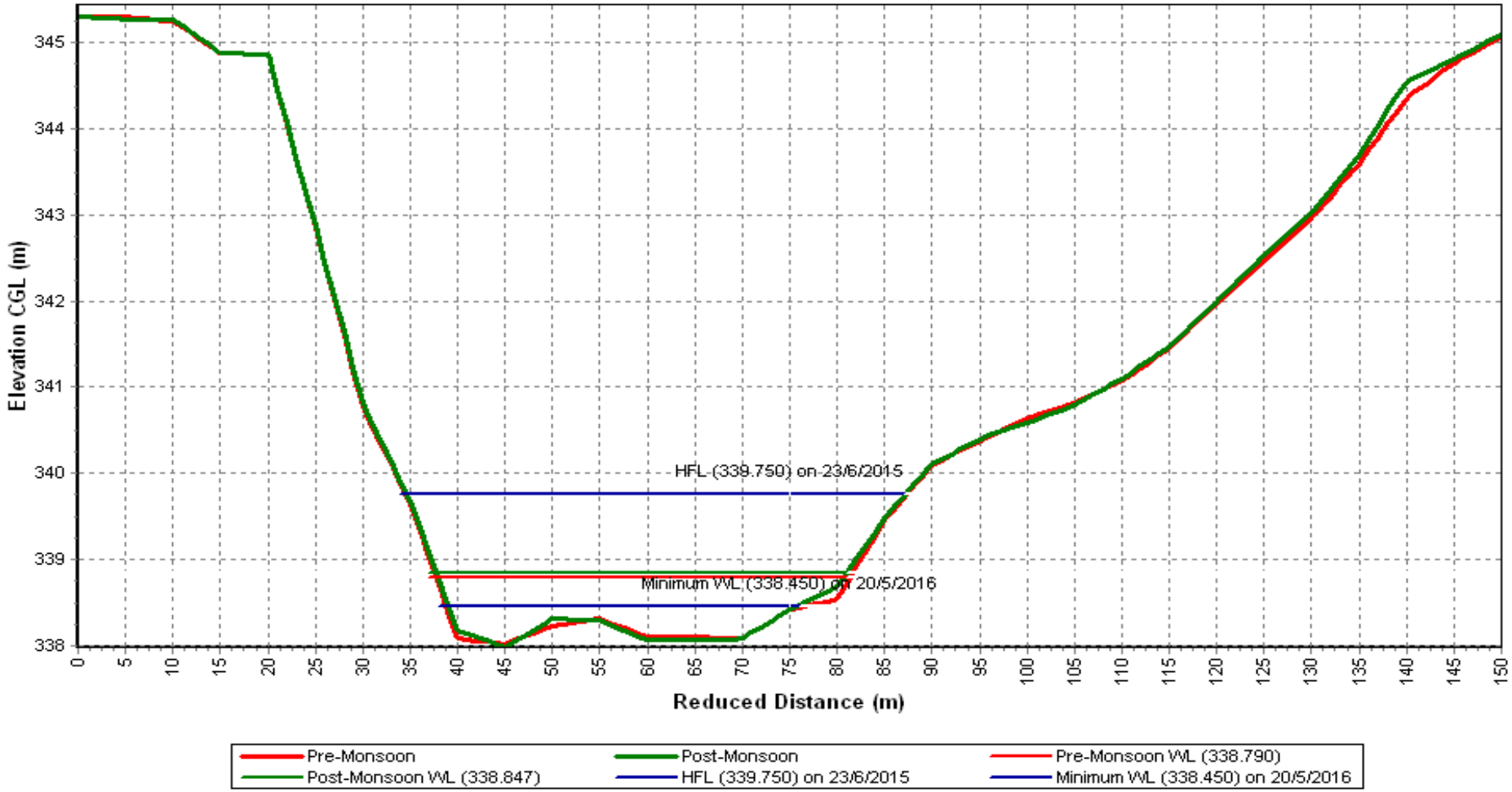
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

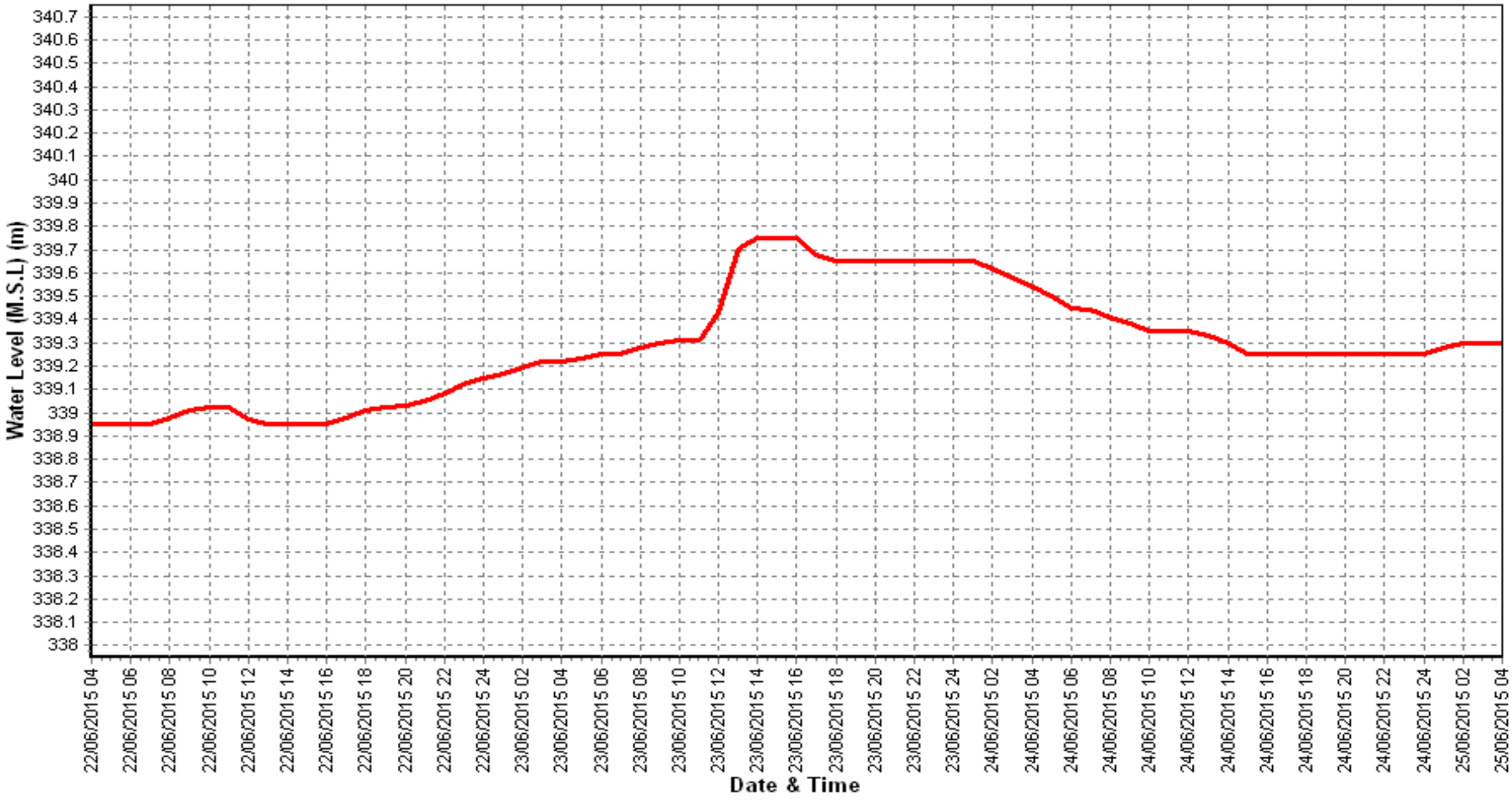
Local River : Moyar **Sub-Division : Middle Cauvery SD, Coimbatore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

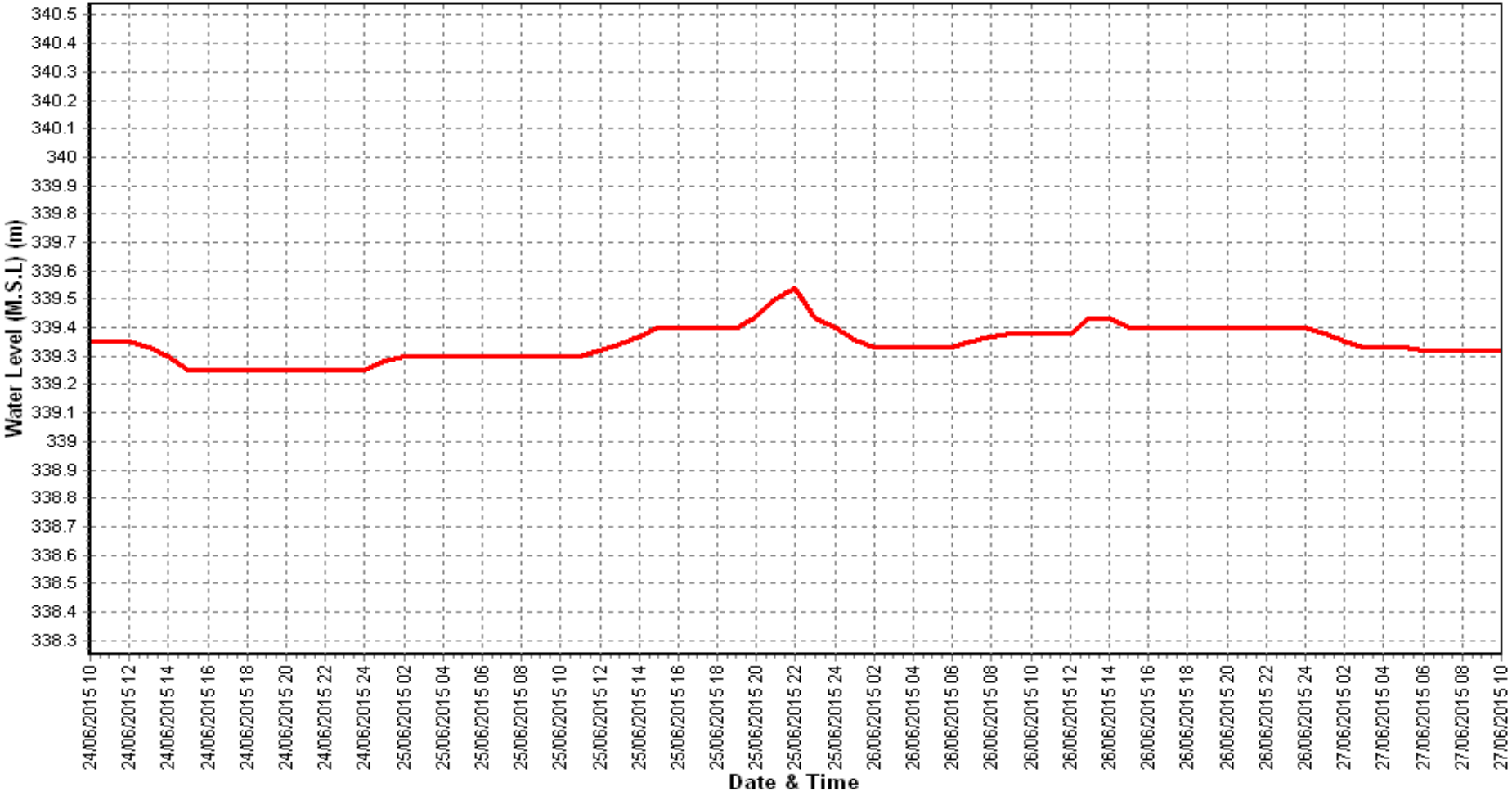


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

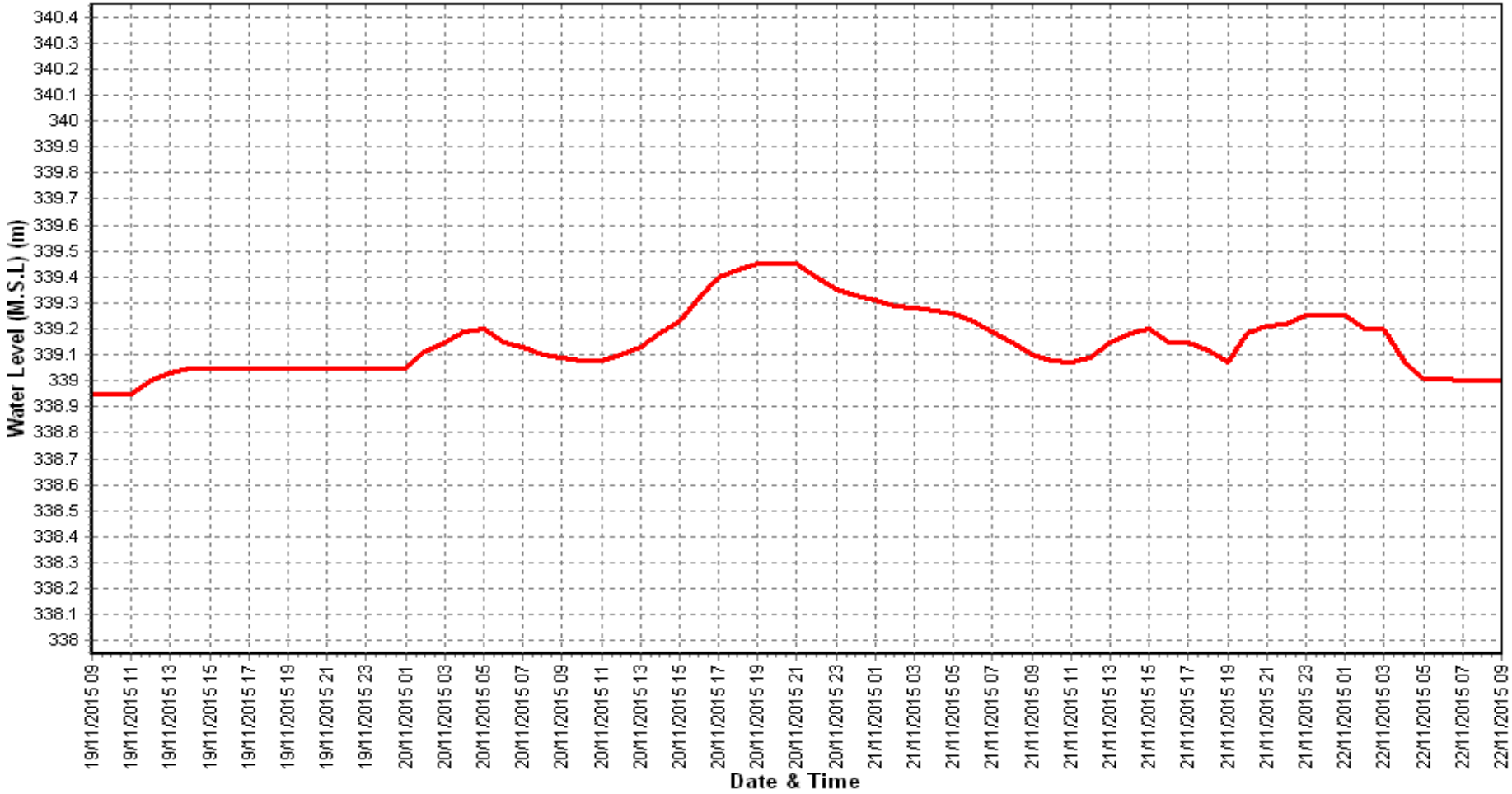


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	93.060	1.759	92.970	0.814	92.890	0.437	92.820	0.146	93.420	7.250	93.580	12.18 *
2	93.050	1.578	92.940	0.619	92.890	0.391 *	92.820	0.143	93.200	3.248 *	93.540	10.49
3	93.030	1.536	92.920	0.531	92.910	0.550	92.810	0.136	93.120	2.472	93.420	7.721
4	93.100	1.950	92.910	0.490	92.880	0.354	93.080	1.963	93.080	1.742 *	93.360	6.502
5	93.050	1.537	92.900	0.435 *	92.900	0.472	92.980	0.733	93.050	1.669	93.450	7.555
6	93.040	1.535	92.890	0.414	92.860	0.315	92.990	0.958 *	93.240	3.511	93.490	8.561
7	93.030	1.272 *	92.890	0.410	92.870	0.326	93.020	1.017	93.270	4.072	93.590	14.09
8	93.020	1.348	92.910	0.473	92.870	0.281	92.940	0.628	93.170	3.124	93.600	12.84 *
9	93.000	1.012	92.900	0.380	92.850	0.244 *	92.920	0.503	93.120	2.386	93.630	14.92
10	93.040	1.388	92.890	0.395	92.830	0.199	92.900	0.457	93.080	1.755	93.580	12.18 *
11	92.990	0.854	92.900	0.448	92.810	0.175	92.890	0.427	93.100	1.954 *	93.540	11.01
12	92.980	0.870	92.890	0.391 *	92.810	0.167	92.880	0.355	93.190	2.768	93.500	10.35
13	93.030	1.407	92.870	0.359	92.810	0.163	92.870	0.312 *	93.110	2.052	93.420	7.471
14	93.010	1.108 *	92.860	0.262	92.850	0.241	92.860	0.308	93.060	1.587	93.350	6.506
15	93.000	0.921	92.860	0.264	92.870	0.312 *	92.840	0.183	93.050	1.209	93.300	4.950 *
16	93.000	1.066	92.870	0.292	92.870	0.312 *	92.850	0.222	93.020	1.097	93.280	4.414
17	92.980	0.835	92.860	0.268	92.950	0.798	92.850	0.244 *	93.000	1.066	93.270	4.486
18	92.970	0.758	92.860	0.277 *	92.930	0.584	92.850	0.212	93.000	1.031 *	93.230	3.997
19	92.970	0.708	92.860	0.277 *	92.930	0.583	92.820	0.145	92.990	0.927	93.210	3.832
20	92.970	0.760	92.910	0.393	92.910	0.532	92.810	0.136 *	93.250	3.732	93.950	36.77
21	92.960	0.756 *	92.880	0.350	92.880	0.273	92.800	0.141	93.180	2.958 *	93.710	22.16
22	92.940	0.545	92.870	0.348	92.920	0.475	92.800	0.131	93.150	2.553 *	93.740	22.96 *
23	92.960	0.649	92.980	0.850	92.880	0.350 *	92.800	0.124	93.110	2.099	93.690	22.66
24	92.950	0.625	92.960	0.873	92.880	0.306	92.810	0.136 *	93.100	1.954 *	93.580	11.38
25	92.940	0.552	92.900	0.511	92.870	0.313	92.810	0.120	93.080	1.742 *	93.500	11.11 *
26	92.920	0.461	92.880	0.350 *	92.850	0.285	92.820	0.157	93.060	1.555	93.420	7.916
27	92.910	0.400	92.860	0.277 #	92.850	0.281	92.860	0.277 *	93.040	1.279	93.370	6.456
28	92.910	0.481 *	92.960	0.850	92.830	0.185 #	93.040	1.177	93.150	2.393	93.320	5.524
29	92.910	0.369	93.000	1.142	92.810	0.136 #	93.060	1.547	93.080	1.946	93.270	3.825 *
30	93.000	1.003	92.920	0.622	92.800	0.114 *	93.320	5.343 #	93.040	1.411	93.710	22.16
31			92.900	0.475	92.800	0.125			93.500	9.392		
Ten-Daily Mean												
I Ten-Daily	93.042	1.492	92.912	0.496	92.875	0.357	92.928	0.668	93.175	3.123	93.524	10.70
II Ten-Daily	92.990	0.929	92.874	0.323	92.874	0.387	92.852	0.254	93.077	1.742	93.405	9.378
III Ten-Daily	92.940	0.584	92.919	0.604	92.852	0.258	92.912	0.915	93.135	2.662	93.531	13.61
Monthly												
Min.	92.910	0.369	92.860	0.262	92.800	0.114	92.800	0.120	92.990	0.927	93.210	3.825
Max.	93.100	1.950	93.000	1.142	92.950	0.798	93.320	5.343	93.500	9.392	93.950	36.77
Mean	92.991	1.002	92.902	0.479	92.866	0.332	92.897	0.613	93.129	2.514	93.487	11.23

Annual Runoff in MCM = 58 Annual Runoff in mm = 641

Peak Observed Discharge = 36.77 cumecs on 20/11/2015 Corres. Water Level :93.95 m

Lowest Observed Discharge = 0.000 cumecs on 03/05/2016 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 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	93.440	8.057	93.070	1.596	92.990	0.986	92.860	0.235	92.770	0.082	92.740	0.049 *
2	93.390	6.902	93.070	1.600	92.990	0.997	92.860	0.204	92.770	0.081	92.750	0.049
3	93.370	6.687	93.050	1.424 *	92.970	0.863	92.850	0.187	92.750	0.055 *	92.700	0.000
4	93.340	5.820	93.050	1.542	92.970	0.863	92.850	0.193	92.740	0.049	92.690	0.000
5	93.300	5.057	93.030	1.265	92.940	0.574	92.830	0.161	92.740	0.046	92.690	0.000
6	93.300	4.835 *	93.030	1.234	92.930	0.555	92.830	0.151 *	92.740	0.047	92.700	0.000
7	93.300	4.986	93.010	1.158	92.930	0.550 *	92.830	0.156	92.730	0.044	92.700	0.000
8	93.280	4.769	93.010	1.150	92.940	0.611	92.810	0.098 #	92.750	0.049	92.700	0.000
9	93.320	5.113	93.010	1.053	92.940	0.604	92.800	0.090 #	92.770	0.057	92.700	0.000
10	93.300	4.887	93.000	1.004 *	92.940	0.602	92.800	0.104	92.760	0.062 *	92.690	0.000
11	93.320	4.996	92.990	0.927	92.930	0.584	92.800	0.106	92.750	0.045	92.900	0.178 #
12	93.280	4.855	92.990	0.923	92.930	0.577	92.800	0.109	92.750	0.048	92.860	0.140 #
13	93.260	4.135 *	92.980	0.898	92.930	0.580	92.800	0.090 *	92.730	0.044	92.720	0.000
14	93.250	4.427	93.000	0.887	92.920	0.497 *	92.800	0.095	92.740	0.049 *	92.700	0.000
15	93.340	5.801	92.980	0.859 *	92.910	0.410	92.820	0.107	92.750	0.048	92.700	0.000
16	93.340	5.830	92.970	0.856	92.910	0.415	92.810	0.103	92.720	0.048	92.700	0.000
17	93.290	4.475	92.980	0.859 *	92.910	0.412	92.800	0.089	92.720	0.038 *	92.720	0.000
18	93.270	4.420	92.990	0.838	92.890	0.389	92.810	0.096	92.720	0.039	92.720	0.000
19	93.220	3.327	93.050	1.303	92.920	0.442	92.810	0.097	92.720	0.037	92.700	0.000
20	93.190	3.055 *	93.020	0.942	92.900	0.438	92.810	0.098 *	92.730	0.043 *	92.700	0.000
21	93.180	2.604	93.040	0.971	92.900	0.400 *	92.800	0.080	92.740	0.045	92.700	0.000
22	93.160	2.393	93.150	2.538	92.890	0.399	92.790	0.076	92.750	0.055	92.700	0.000
23	93.160	2.417	93.120	2.309	92.880	0.312	92.810	0.099	92.730	0.044	92.700	0.000
24	93.150	2.518 *	93.080	1.716 *	92.870	0.308	92.810	0.095	92.730	0.043 *	92.700	0.000
25	93.150	2.518 *	93.050	1.446	92.870	0.287	92.800	0.090 *	92.730	0.042	92.690	0.000
26	93.140	2.248	93.030	1.246 *	92.870	0.289	92.790	0.085	92.710	0.040	92.690	0.000
27	93.120	2.154 *	93.020	1.217	92.860	0.284	92.790	0.082 *	92.730	0.041	92.690	0.000
28	93.100	1.761	93.020	1.243	92.850	0.209 *	92.780	0.086	92.720	0.040	92.690	0.000
29	93.100	1.785	93.020	1.232	92.850	0.214	92.750	0.050	92.710	0.038	92.700	0.000
30	93.080	1.689	93.000	0.998			92.760	0.054	92.740	0.046	92.710	0.000
31	93.080	1.637	93.000	1.004 *			92.760	0.053			92.690	0.000
Ten-Daily Mean												
I Ten-Daily	93.334	5.711	93.033	1.303	92.954	0.721	92.832	0.158	92.752	0.057	92.706	0.010
II Ten-Daily	93.276	4.532	92.995	0.929	92.915	0.474	92.806	0.099	92.733	0.044	92.742	0.032
III Ten-Daily	93.129	2.157	93.048	1.447	92.871	0.300	92.785	0.077	92.729	0.044	92.696	0.000
Monthly												
Min.	93.080	1.637	92.970	0.838	92.850	0.209	92.750	0.050	92.710	0.037	92.690	0.000
Max.	93.440	8.057	93.150	2.538	92.990	0.997	92.860	0.235	92.770	0.082	92.900	0.178
Mean	93.243	4.07	93.026	1.234	92.915	0.505	92.807	0.11	92.738	0.048	92.714	0.013

Peak Computed Discharge = 22.96 cumecs on 22/11/2015 **Corres. Water Level :93.74 m**

Lowest Computed Discharge = 0.038 cumecs on 17/04/2016 **Corres. Water Level :92.72 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

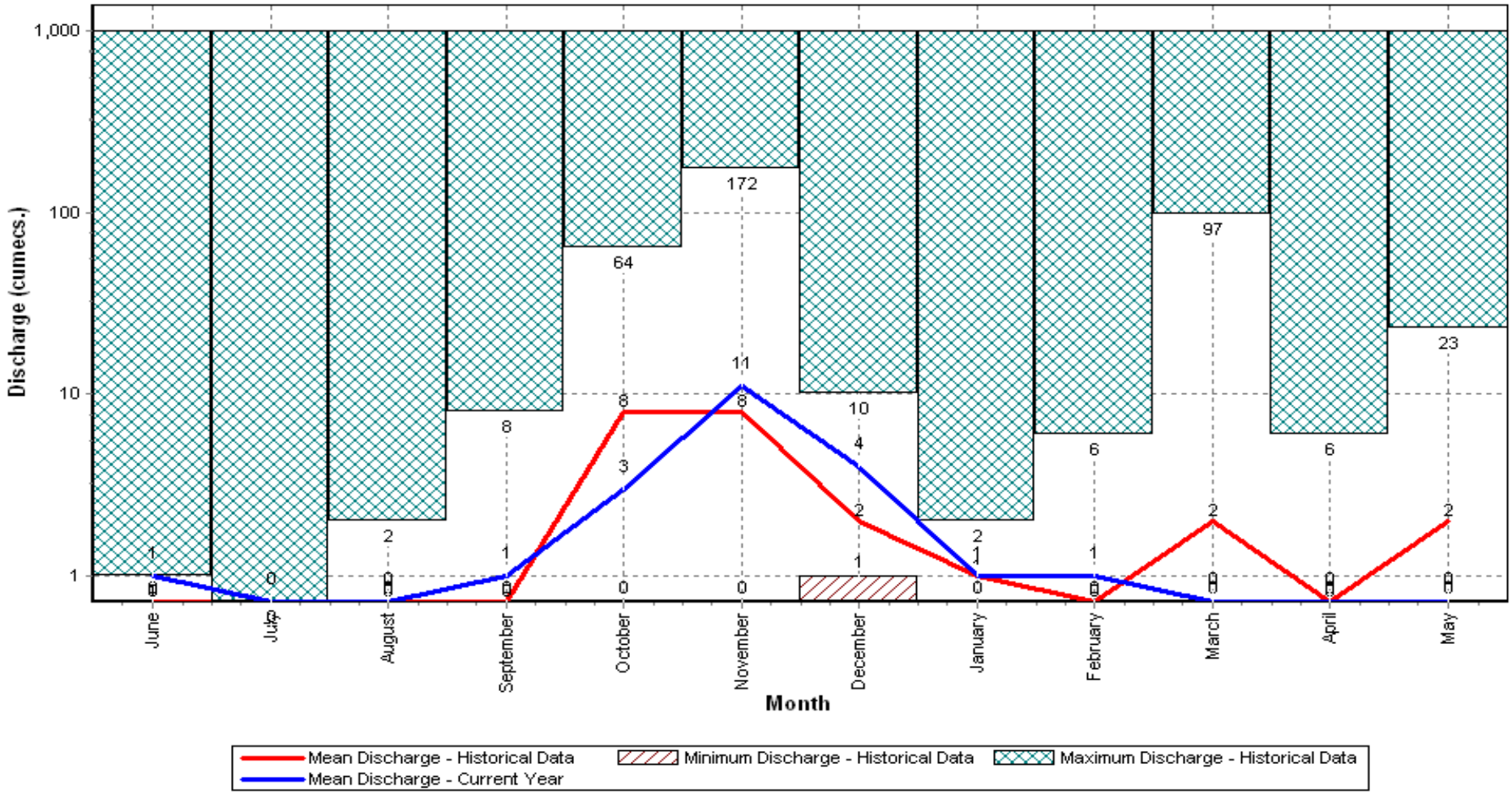
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : GANDHAVAYAL (CCG20C8) **Data considered : 2013-2016** **Division : SR Division, Coimbatore**

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



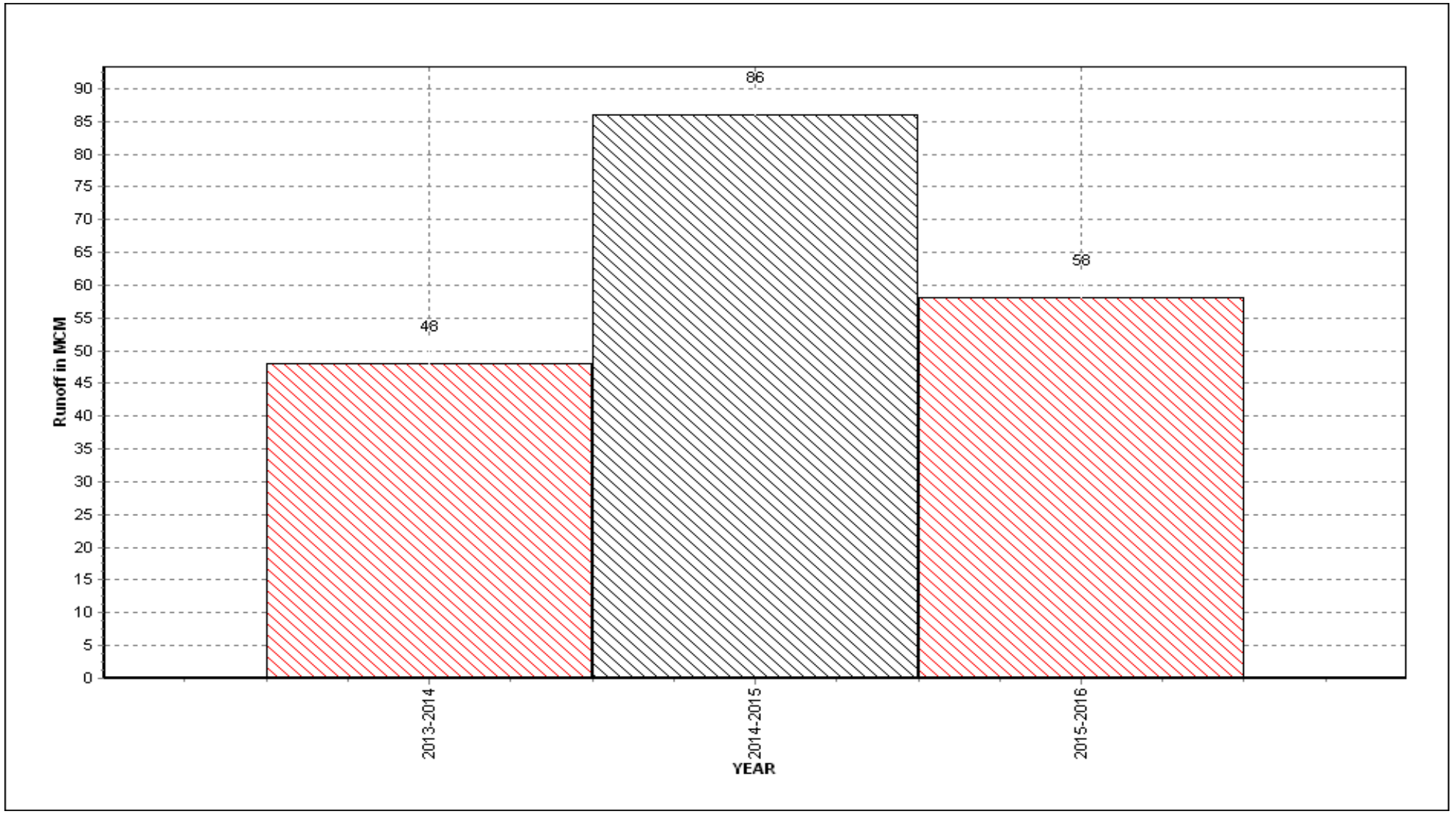
Annual Runoff Values for the period: 2013 - 2016

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

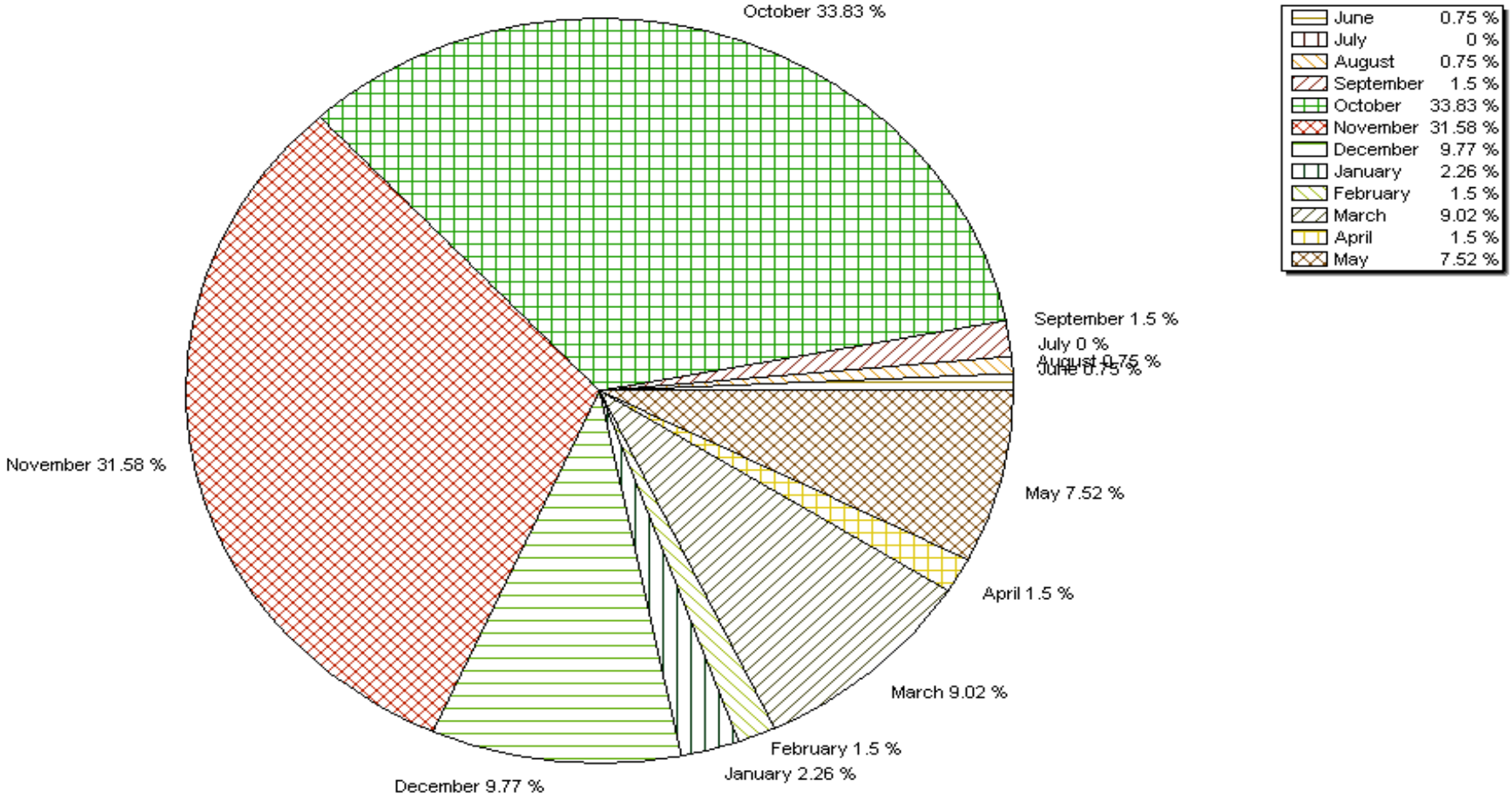
Monthly Average Runoff based on period : 2013-2015

Station Name : GANDHAVAYAL (CCG20C8)

Local River : Gandhayar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



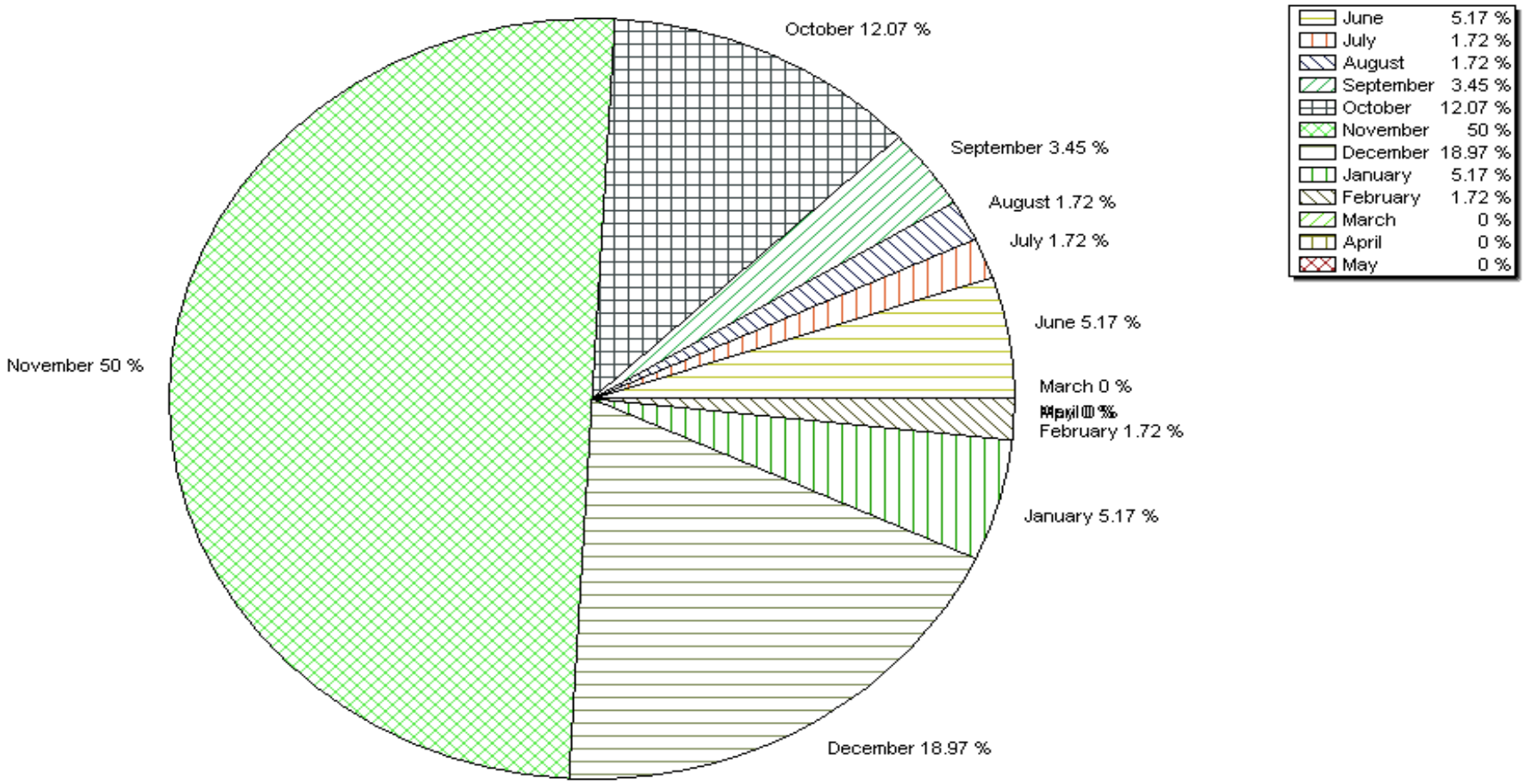
Monthly Runoff for the Year : 2015-2016

Station Name : GANDHAVAYAL (CCG20C8)

Local River : Gandhayar

Division : SR Division, Coimbatore

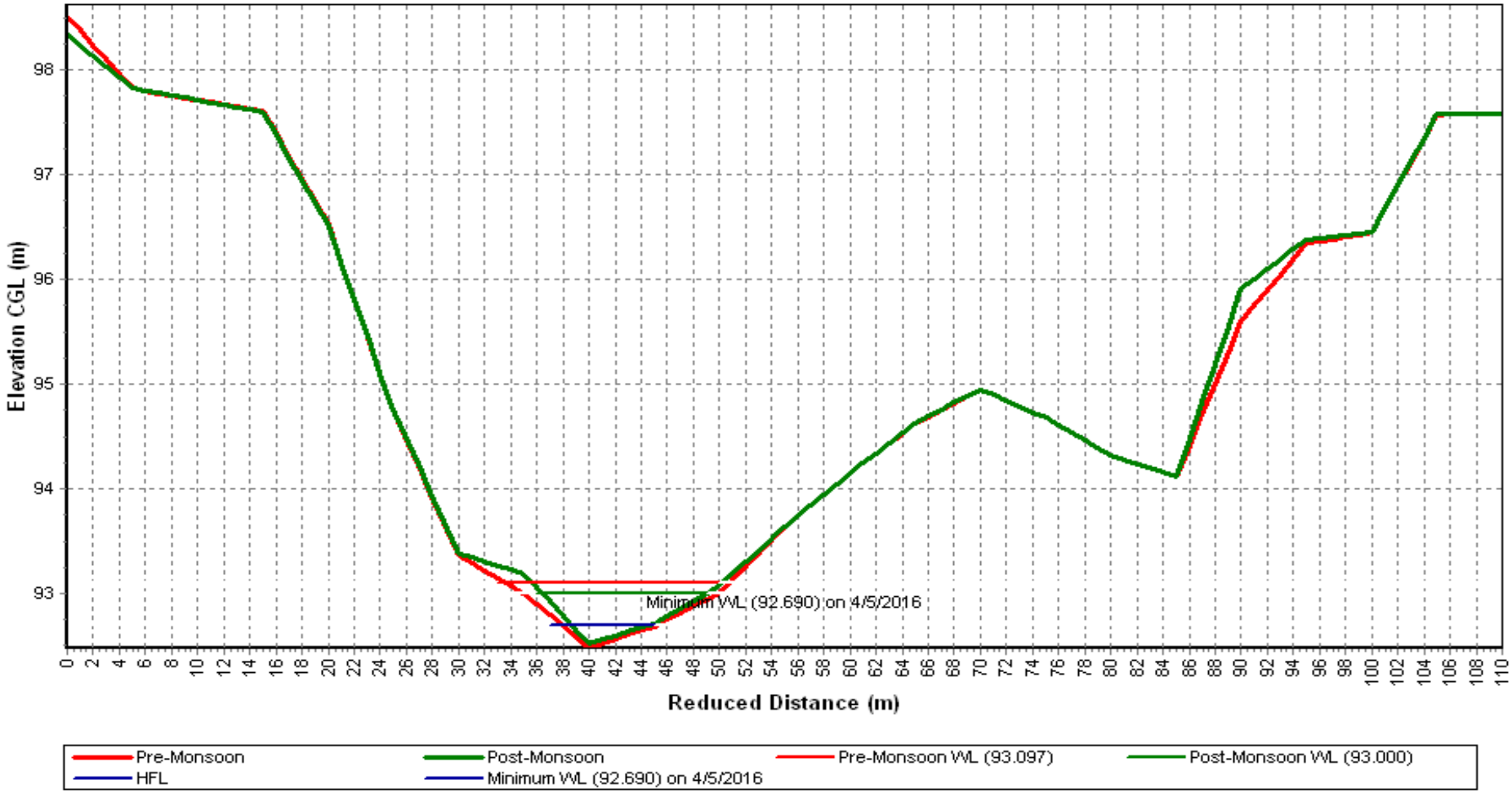
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

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



HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	303.200	4.753	303.190	4.685	304.080	101.0	304.520	176.6	303.190	5.583	303.180	5.376 *
2	303.100	2.715	305.570	0.000	303.150	4.038 *	304.600	187.7	303.110	2.500 *	303.290	8.405
3	303.040	1.496	304.550	193.8	303.100	2.718	304.565	185.0	303.150	3.775	304.520	176.6
4	303.020	1.180	304.400	158.0	303.110	2.772	303.130	3.295	303.180	5.376 *	304.040	102.4
5	303.100	2.734	303.120	2.857 *	303.100	2.674	304.050	102.4	303.150	3.498	303.330	11.53
6	303.130	3.235	303.170	4.292	303.110	2.764	303.180	5.376 *	303.170	4.024	305.465	0.000
7	303.100	2.563 *	304.550	186.9	303.120	3.072	303.110	2.669	303.150	3.558	305.900	0.000
8	303.050	1.641	303.120	2.955	303.115	2.935	304.100	107.1	303.150	3.666	304.290	132.3 *
9	304.450	0.000	303.170	4.268	303.140	3.627 *	304.100	107.1	303.145	3.537	303.290	8.768
10	303.120	2.990	304.765	0.000	304.040	102.4	304.600	187.7	303.130	3.227	303.420	20.96 *
11	302.980	0.760	304.610	195.6	303.110	2.742	303.125	2.993	303.120	2.857 *	303.220	6.192
12	302.990	0.880	303.150	4.038 *	304.630	192.6	303.120	3.016	303.160	3.747	304.520	176.6
13	303.120	2.965	303.130	3.236	304.600	187.7	303.110	2.500 *	304.520	176.6	305.890	0.000
14	303.100	2.563 *	303.150	3.638	303.140	3.319	303.110	2.942	303.150	3.669	306.060	0.000
15	302.940	0.478 #	304.000	90.14	303.100	2.163 *	304.520	176.6	306.215	0.000	303.190	5.857 *
16	302.980	0.826	303.140	3.490	304.080	98.65 *	303.110	2.905	306.650	0.000	304.220	119.7
17	302.960	0.778	303.090	1.845 #	304.120	112.7	303.100	2.163 *	306.120	0.000	305.820	0.000
18	302.900	0.861	303.100	2.163 *	304.620	191.0	303.110	2.907	303.130	3.233 *	306.030	0.000
19	302.880	0.808	303.110	2.500 *	304.600	187.7	303.125	3.153	303.110	2.688	306.380	0.000
20	304.640	202.5	304.170	112.5	304.220	119.7	303.120	2.857 *	303.260	7.309	306.430	0.000
21	304.320	148.3 *	304.550	187.3	304.600	187.7	304.660	198.0	303.140	3.627 *	306.350	0.000
22	304.680	213.1	303.100	2.763	303.110	2.770	303.100	2.764	304.670	202.7 *	305.550	0.000
23	306.050	585.4	304.310	140.7	303.100	2.163 *	304.600	187.7	304.600	187.7	305.230	0.000
24	305.850	533.8	304.655	193.7	303.110	2.706	303.120	2.857 *	303.150	4.038 *	305.840	0.000
25	306.220	647.8	304.030	91.49	303.120	3.013	304.520	176.6	303.140	3.627 *	306.110	0.000
26	305.660	475.7	304.060	95.65 *	303.110	2.706	303.120	3.109	304.520	176.6	305.940	0.000
27	305.250	382.0	303.150	3.519	304.050	102.4	303.110	2.500 *	303.170	3.928	305.850	0.000
28	304.765	237.0 *	304.565	188.3	303.110	2.690	303.140	3.368	303.240	6.598	305.440	0.000
29	304.660	206.1	303.120	2.950	303.120	3.073	303.150	3.455	303.170	4.154	305.125	0.000
30	305.065	0.000	303.090	1.845 #	303.110	2.500 *	303.200	5.758	303.160	3.940	305.440	0.000
31			304.620	190.8	303.120	3.137			304.040	102.4		
Ten-Daily Mean												
I Ten-Daily	303.231	2.331	303.961	55.78	303.306	22.80	303.996	106.5	303.152	3.874	304.072	46.64
II Ten-Daily	303.149	21.34	303.465	41.92	304.022	109.8	303.255	20.21	304.243	20.01	305.176	30.84
III Ten-Daily	305.252	342.9	303.932	99.91	303.333	28.62	303.572	58.62	303.636	63.58	305.688	0.000
Monthly												
Min.	302.880	0.000	303.090	0.000	303.100	2.163	303.100	2.163	303.110	0.000	303.180	0.000
Max.	306.220	647.8	305.570	195.6	304.630	192.6	304.660	198.0	306.650	202.7	306.430	176.6
Mean	303.877	122.2	303.790	66.96	303.547	52.94	303.608	61.78	303.676	30.27	304.979	25.82

Annual Runoff in MCM = 1211 Annual Runoff in mm = 821

Peak Observed Discharge = 647.8 cumecs on 25/06/2015 Corres. Water Level :306.22 m

Lowest Observed Discharge = 0.000 cumecs on 09/06/2015 Corres. Water Level :304.45 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	306.060	0.000	305.550	0.000	305.300	0.000	305.500	0.000	303.130	3.263	303.110	2.902 *
2	303.240	6.513	305.350	0.000	305.480	0.000	305.230	0.000	304.180	119.2	303.100	2.961
3	303.250	6.926	306.000	0.000	305.380	0.000	305.590	0.000	303.070	1.578 *	303.100	3.097
4	305.460	0.000	305.300	0.000	305.350	0.000	306.100	0.000	303.120	3.031	303.120	3.223
5	306.200	0.000	305.420	0.000	305.680	0.000	305.660	0.000	303.130	3.129	303.100	2.941
6	305.380	0.000	305.500	0.000	305.440	0.000	305.250	0.000	304.050	102.4	303.110	3.092
7	305.410	0.000	305.070	0.000	305.550	0.000	305.520	0.000	304.050	102.4	303.100	2.958
8	305.650	0.000	305.500	0.000	305.480	0.000	305.660	0.000	304.050	102.4	303.110	2.902 *
9	305.700	0.000	305.700	0.000	305.400	0.000	305.460	0.000	303.150	3.828	303.100	2.971
10	305.550	0.000	305.500	0.000	305.470	0.000	305.640	0.000	303.130	3.680 *	303.105	3.101
11	305.620	0.000	305.600	0.000	305.380	0.000	305.470	0.000	303.080	1.879 #	303.130	3.486
12	305.500	0.000	305.400	0.000	305.500	0.000	305.200	0.000	304.620	192.6	303.115	3.445
13	305.400	0.000	305.550	0.000	305.250	0.000	305.200	0.000	304.100	107.1	304.100	87.33
14	306.300	0.000	305.230	0.000	305.410	0.000	305.390	0.000	304.050	95.35 *	304.100	87.33
15	305.900	0.000	303.140	4.096 *	305.480	0.000	305.350	0.000	304.040	102.4	303.140	4.096 *
16	305.960	0.000	304.100	107.1	305.440	0.000	305.480	0.000	303.110	3.007	303.120	3.282 *
17	305.900	0.000	304.200	118.5 *	305.320	0.000	305.310	0.000	303.100	2.542 *	303.140	3.706
18	305.720	0.000	304.100	107.1	305.420	0.000	305.780	0.000	304.050	102.4	303.150	3.890
19	305.720	0.000	304.040	102.4	305.600	0.000	305.410	0.000	304.050	102.4	303.150	3.779
20	305.350	0.000	304.040	102.4	305.410	0.000	303.140	4.096 *	303.140	4.096 *	304.100	87.33
21	305.430	0.000	304.320	0.000	305.350	0.000	304.050	102.4	304.100	107.1	303.140	4.096 *
22	305.700	0.000	305.350	0.000	305.560	0.000	303.040	0.806 #	303.100	2.952	303.150	4.528 *
23	305.500	0.000	305.380	0.000	304.870	0.000	304.050	102.4	303.120	3.204	303.130	3.209
24	305.550	0.000	305.600	0.000	305.770	0.000	303.030	0.595 #	303.100	2.542 *	303.900	63.74
25	305.500	0.000	305.700	0.000	305.250	0.000	303.040	0.806 *	303.105	3.010	303.110	3.051
26	305.400	0.000	305.580	0.000	305.300	0.000	304.050	102.4	303.110	3.127	304.120	89.77
27	305.450	0.000	306.000	0.000	305.650	0.000	304.050	95.35 *	304.100	107.1	303.120	3.267
28	305.500	0.000	305.400	0.000	305.350	0.000	303.080	1.879 #	303.120	3.300	303.120	3.278
29	305.300	0.000	306.500	0.000	305.400	0.000	304.050	102.4	303.125	3.387	303.110	2.902 *
30	305.550	0.000	305.560	0.000			304.050	102.4	303.100	2.913	303.130	3.293
31	305.320	0.000	305.500	0.000			303.050	1.040 #			303.120	3.193
Ten-Daily Mean												
I Ten-Daily	305.190	1.344	305.489	0.000	305.453	0.000	305.561	0.000	303.506	44.48	303.106	3.015
II Ten-Daily	305.737	0.000	304.540	54.16	305.421	0.000	305.173	0.410	303.734	71.36	303.424	28.77
III Ten-Daily	305.473	0.000	305.535	0.000	305.389	0.000	303.595	55.66	303.308	23.87	303.286	16.76
Monthly												
Min.	303.240	0.000	303.140	0.000	304.870	0.000	303.030	0.000	303.070	1.578	303.100	2.902
Max.	306.300	6.926	306.500	118.5	305.770	0.000	306.100	102.4	304.620	192.6	304.120	89.77
Mean	305.467	0.433	305.199	17.47	305.422	0	304.738	19.88	303.516	46.57	303.273	16.2

Peak Computed Discharge = 237.0 cumecs on 28/06/2015 **Corres. Water Level :304.765 m**

Lowest Computed Discharge = 0.806 cumecs on 25/03/2016 **Corres. Water Level :303.04 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

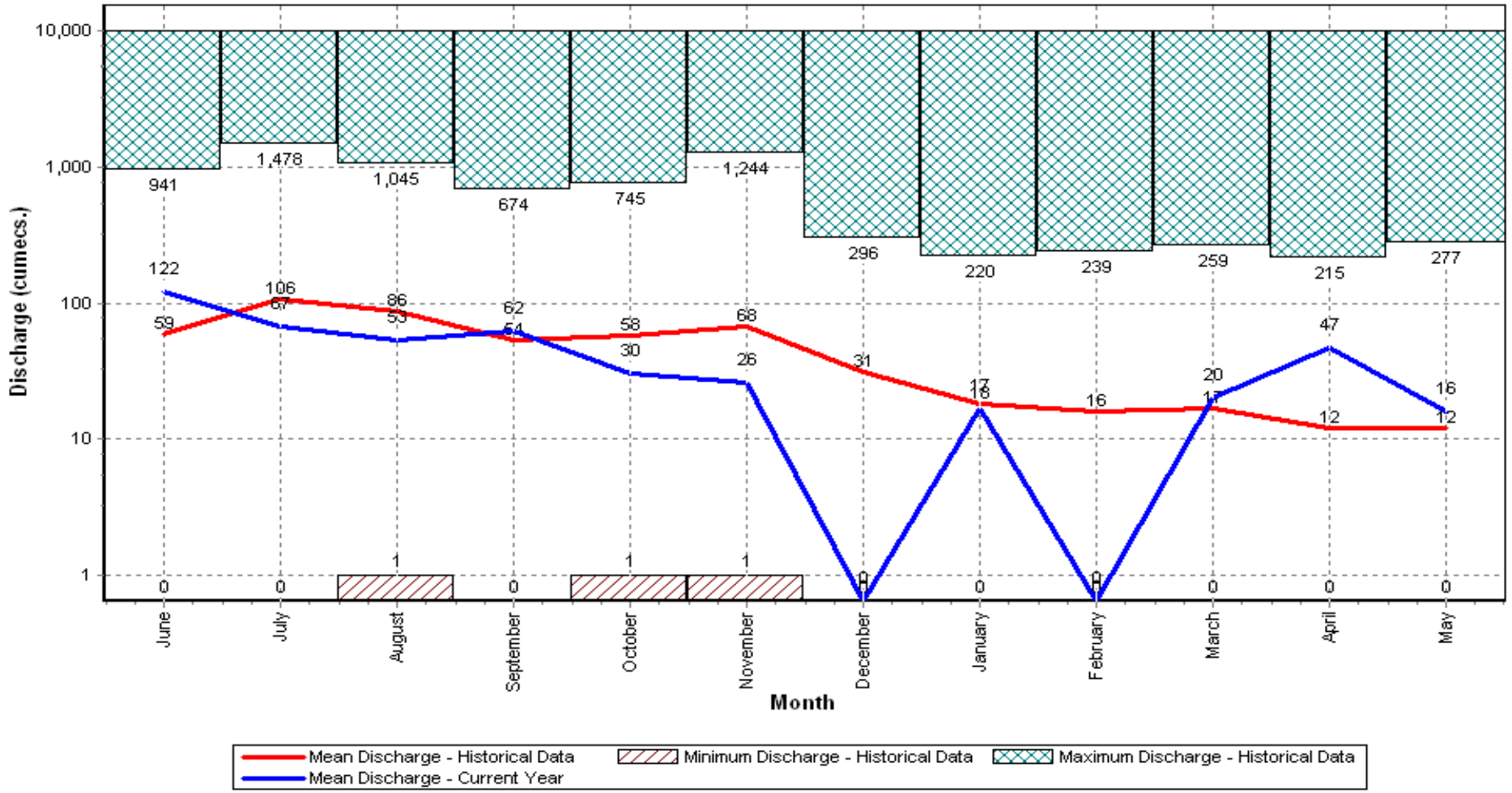
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : NELLITHURAI (CCG00Q8) | **Data considered : 1979-2016** | **Division : SR Division, Coimbatore**

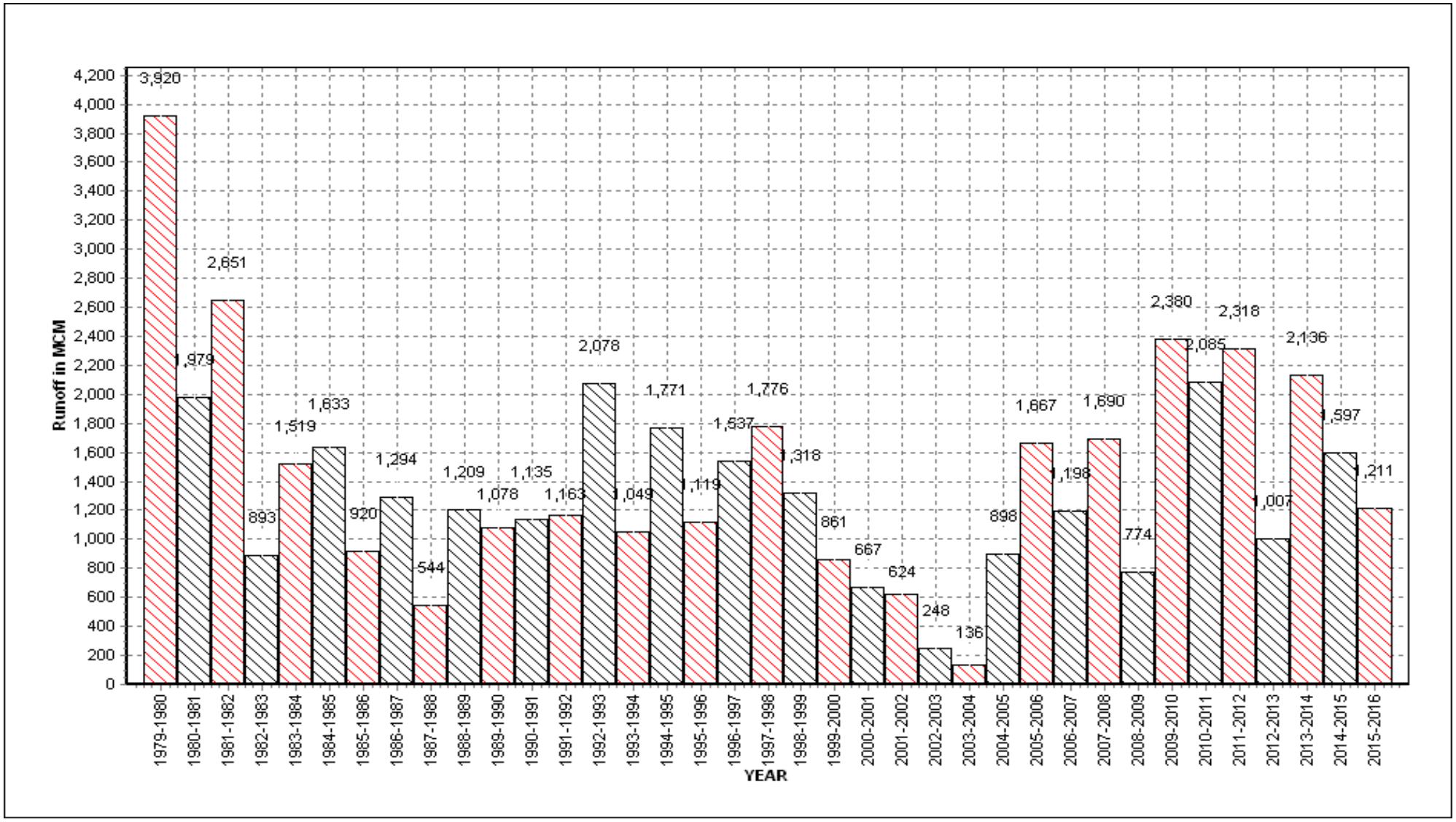
Local River : Bhavani | **Sub-Division : Middle Cauvery SD, Coimbatore**



Annual Runoff Values for the period: 1979 - 2016

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

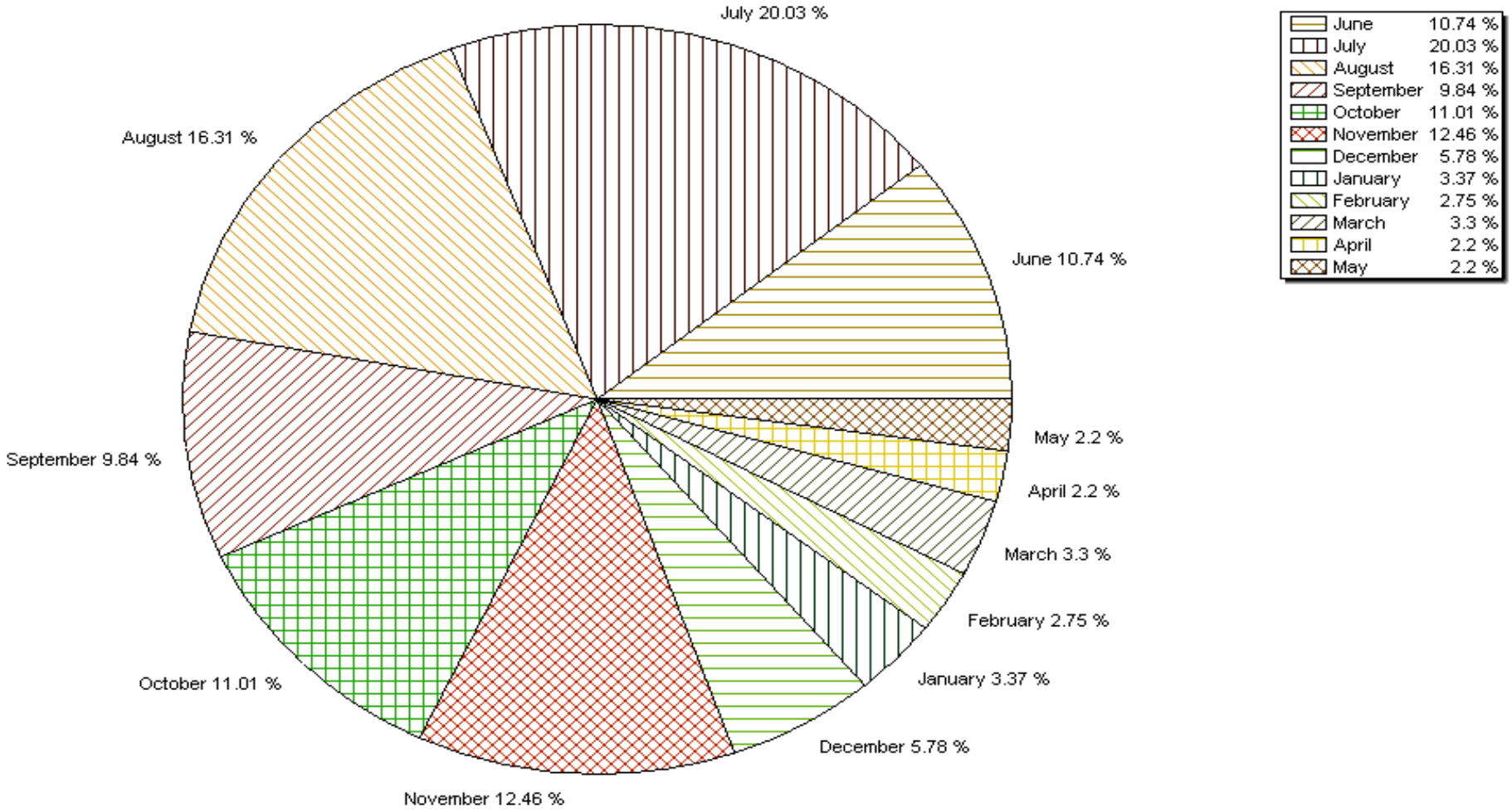
Monthly Average Runoff based on period : 1979-2015

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



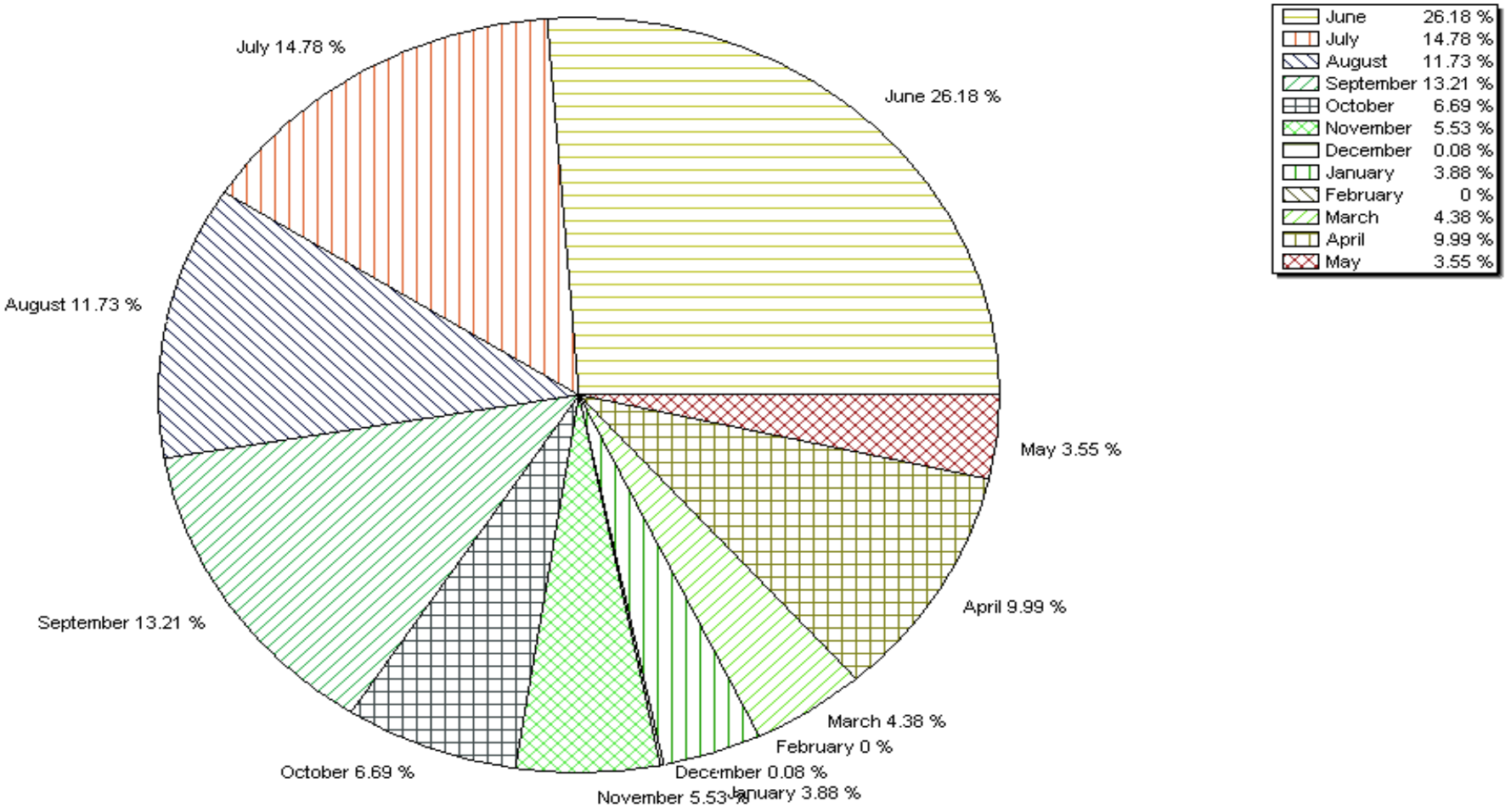
Monthly Runoff for the Year : 2015-2016

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



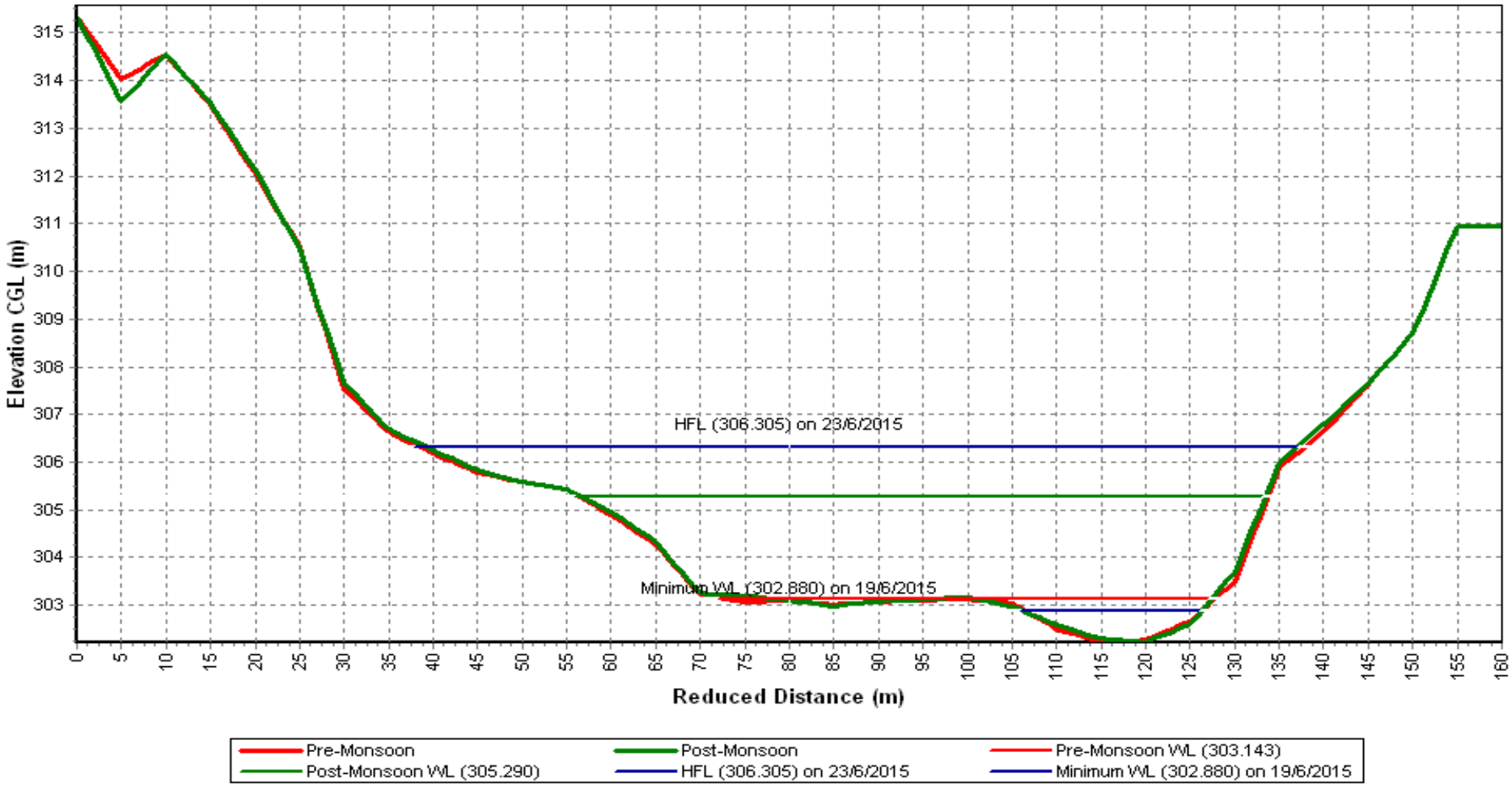
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

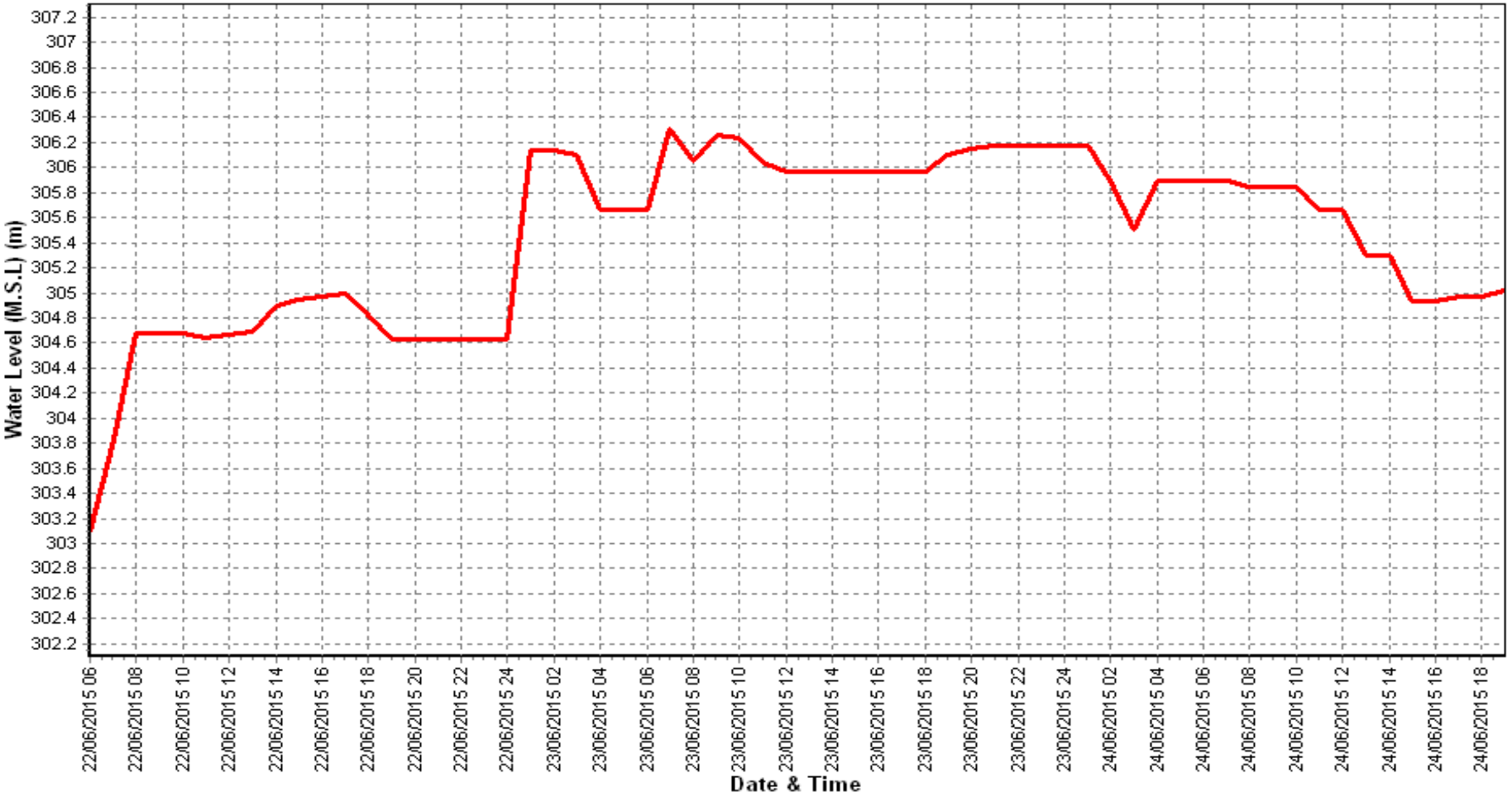
Sub-Division : Middle Cauvery SD, Coimbatore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

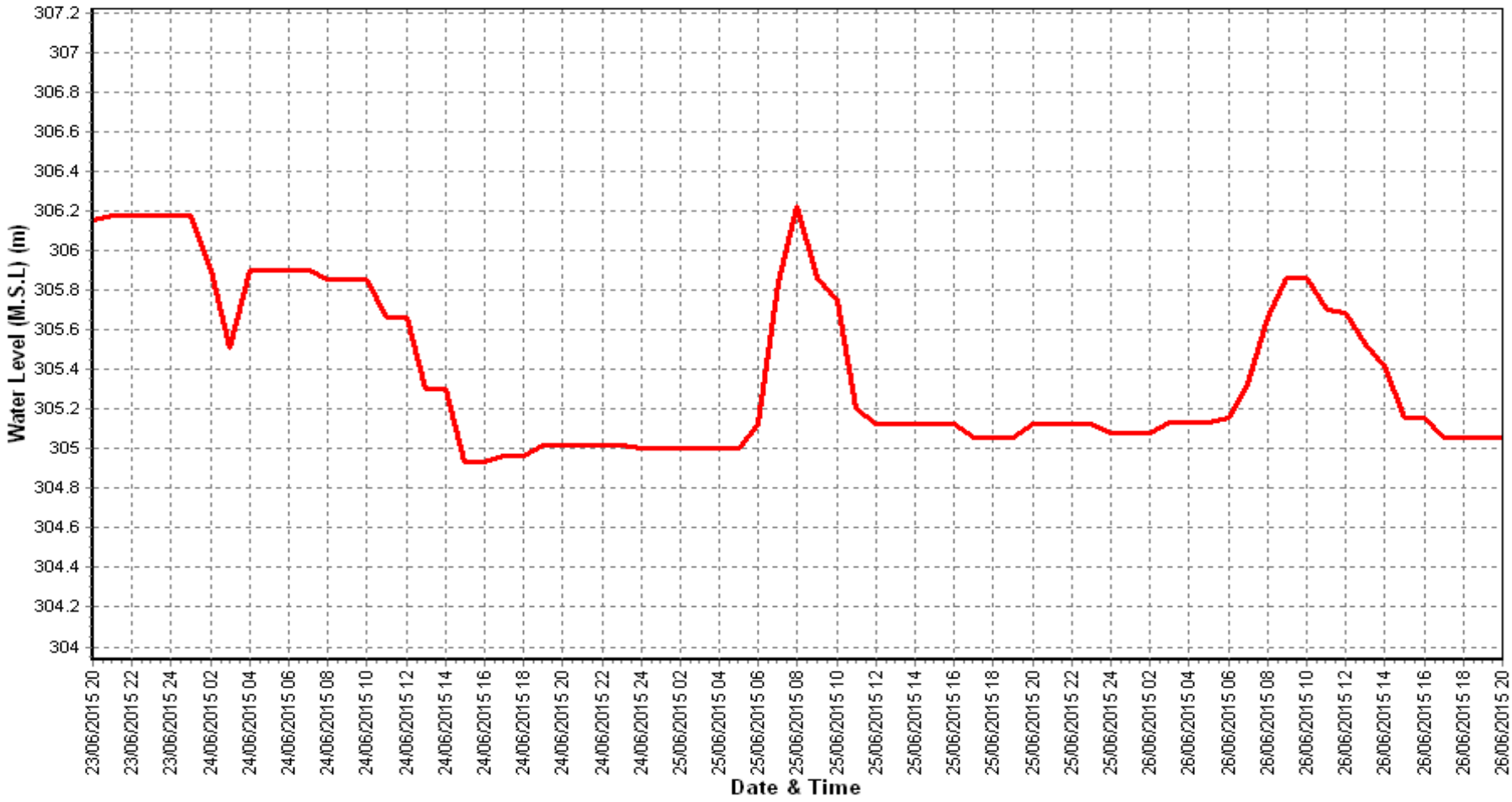


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	158.750	66.19	158.120	0.000	159.450	221.4	160.380	553.8	159.890	367.3	158.700	57.36 *
2	158.650	58.64	158.110	0.000	159.160	143.2 *	160.380	553.8	159.940	376.6 *	158.670	59.98
3	158.840	70.71	158.120	0.000	159.530	242.6	160.380	553.8	159.900	378.3	158.660	58.87
4	158.800	66.92	158.545	39.35	159.010	108.9	160.330	540.5	160.200	478.9 *	158.220	0.000
5	158.850	71.72	158.060	0.000	158.770	66.90	160.330	540.5	160.100	449.3	159.695	301.0
6	158.800	66.01	158.130	0.000	158.640	55.86	160.320	530.3 *	159.890	364.7	159.280	158.9
7	158.810	74.39 *	158.330	0.000	158.630	54.24	160.400	560.6	159.870	361.3	158.400	0.000
8	158.780	64.82	158.190	0.000	158.780	67.57	160.330	540.5	159.860	351.2	158.600	43.79 *
9	158.790	65.37	158.140	0.000	158.800	72.75 *	160.320	537.5	159.865	353.1	158.330	0.000
10	158.840	71.02	158.110	0.000	159.770	319.6	160.320	537.5	159.860	350.8	159.200	152.5 *
11	158.480	0.000	159.040	106.9	160.150	463.4	160.300	531.9	159.880	354.7 *	158.800	70.19
12	158.645	58.08	158.870	84.61 *	160.100	450.9	160.300	531.9	159.990	397.3	158.280	0.000
13	157.980	0.000	159.040	106.9	160.100	450.9	160.320	530.3 *	159.720	302.9	158.360	0.000
14	157.990	0.000	159.000	101.3	160.160	466.0	160.320	537.5	159.700	291.3	158.290	0.000
15	158.320	0.000	158.840	71.41	160.180	470.6 *	160.330	514.5	159.690	291.7	158.300	0.000
16	158.670	60.58	158.860	72.82	160.110	442.1 *	160.320	510.0	160.200	452.7	158.280	0.000
17	158.060	0.000	158.880	75.08	160.150	463.4	160.100	438.1 *	160.060	432.1	158.340	0.000
18	158.100	0.000	158.910	91.78 *	160.100	450.9	160.200	450.6	160.130	450.2 *	158.280	0.000
19	158.060	0.000	158.860	82.86 *	160.240	517.8	160.130	441.8	160.110	450.5	158.290	0.000
20	158.090	0.000	159.000	101.3	160.160	466.0	160.150	458.3 *	159.970	389.1	158.200	0.000
21	158.070	0.000	159.000	101.3	160.150	463.4	160.140	469.0	159.750	309.6 *	158.200	0.000
22	158.080	0.000	159.020	106.3	160.140	460.7	160.140	460.7	159.800	326.6 *	158.220	0.000
23	158.090	0.000	159.120	128.6	160.100	438.1 *	160.170	499.3	159.730	304.8	158.230	0.000
24	160.400	560.6	158.130	0.000	159.900	379.9	160.180	470.6 *	159.740	306.3 *	158.250	0.000
25	158.170	0.000	158.250	0.000	159.860	351.9	160.170	483.7	158.870	84.61 *	158.230	0.000
26	158.040	0.000	158.540	36.53 *	160.140	460.7	160.100	450.0	158.960	97.89	158.200	0.000
27	158.060	0.000	159.515	238.4	160.150	463.4	160.080	430.2 *	158.930	92.71	158.260	0.000
28	158.070	0.000	159.450	221.4	160.100	450.9	160.180	455.8	159.290	160.6	158.200	0.000
29	158.060	0.000	159.470	224.2	160.140	460.7	160.170	448.4	158.980	99.05	158.230	0.000
30	158.080	0.000	159.450	221.4	160.400	565.9 *	160.000	402.1	158.790	69.13	158.540	39.52
31			159.470	224.2	160.400	560.6			158.300	0.000		
Ten-Daily Mean												
I Ten-Daily	158.791	67.58	158.186	3.935	159.054	135.3	160.349	544.9	159.938	383.1	158.775	83.23
II Ten-Daily	158.239	11.87	158.930	89.49	160.145	464.2	160.247	494.5	159.945	381.2	158.342	7.019
III Ten-Daily	158.312	56.06	159.038	136.6	160.135	459.7	160.133	457.0	159.195	168.3	158.256	3.952
Monthly												
Min.	157.980	0.000	158.060	0.000	158.630	54.24	160.000	402.1	158.300	0.000	158.200	0.000
Max.	160.400	560.6	159.515	238.4	160.400	565.9	160.400	560.6	160.200	478.9	159.695	301.0
Mean	158.447	45.17	158.728	78.6	159.789	356.5	160.243	498.8	159.676	306.3	158.458	31.4

Annual Runoff in MCM = 4752 Annual Runoff in mm = 108

Peak Observed Discharge = 560.6 cumecs on 24/06/2015 Corres. Water Level :160.4 m

Lowest Observed Discharge = 0.000 cumecs on 11/06/2015 Corres. Water Level :158.48 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 2015 - 2016

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	158.450	0.000	160.060	439.1	158.710	63.19	157.910	0.000	158.640	58.86	158.530	39.19 *
2	158.230	0.000	160.040	434.4	158.220	0.000	157.890	0.000	158.650	60.29	158.540	39.89
3	158.280	0.000	160.020	398.3 *	158.260	0.000	157.900	0.000	158.320	0.000	158.560	41.89
4	158.210	0.000	160.180	452.3	158.220	0.000	157.890	0.000	158.360	0.000	158.560	41.27
5	158.250	0.000	160.200	458.5	158.300	0.000	157.930	0.000	158.290	0.000	158.480	0.000
6	158.230	0.000	160.220	463.2	159.300	163.2	157.900	0.000	158.350	0.000	158.470	0.000
7	158.210	0.000	160.340	519.7	159.300	170.4 *	157.910	0.000	158.270	0.000	158.200	0.000
8	158.240	0.000	160.330	515.1	159.310	164.8	158.150	0.000	158.320	0.000	158.160	0.000
9	158.250	0.000	160.340	519.7	159.300	163.4	158.660	59.55	158.320	0.000	158.180	0.000
10	158.200	0.000	160.340	536.2 *	158.980	99.61	158.480	0.000	158.320	0.000	158.240	0.000
11	158.210	0.000	160.040	432.6	159.280	160.1	158.500	0.000	158.200	0.000	158.210	0.000
12	158.240	0.000	160.030	428.1	159.260	155.3	158.470	0.000	158.200	0.000	158.220	0.000
13	158.200	0.000	159.890	364.2	159.300	163.9	158.480	0.000	158.360	0.000	158.360	0.000
14	158.210	0.000	159.860	354.4	159.300	170.4 *	158.470	0.000	158.380	0.000	158.440	0.000
15	158.240	0.000	159.750	299.9 *	159.280	161.1	158.480	0.000	158.040	0.000	158.250	0.000
16	158.260	0.000	159.690	293.4	159.280	160.7	158.450	0.000	158.640	58.95	158.100	0.000
17	158.200	0.000	159.600	252.0 *	159.310	165.3	158.420	0.000	158.560	42.38 *	158.040	0.000
18	158.210	0.000	159.420	202.8	159.280	161.7	158.410	0.000	158.280	0.000	158.160	0.000
19	158.190	0.000	159.300	163.5	159.260	156.1	158.450	0.000	158.280	0.000	158.160	0.000
20	158.220	0.000	159.300	165.0	159.310	164.3	158.440	0.000	158.200	0.000	158.220	0.000
21	158.200	0.000	159.310	167.6	158.260	0.000	158.420	0.000	158.300	0.000	158.260	0.000
22	158.180	0.000	159.310	168.1	158.250	0.000	158.400	0.000	158.340	0.000	158.210	0.000
23	158.850	75.52	159.290	161.5	158.100	0.000	158.460	0.000	158.430	0.000	158.280	0.000
24	159.580	246.0 *	158.940	95.75 *	158.020	0.000	158.450	0.000	158.520	0.000	158.330	0.000
25	159.600	252.0 *	158.230	0.000	158.020	0.000	158.460	0.000	158.540	39.70	158.080	0.000
26	159.695	305.8	158.320	0.000	157.900	0.000	158.440	0.000	158.560	41.59	158.260	0.000
27	159.740	296.5 *	158.340	0.000	157.900	0.000	158.650	52.81 *	158.530	38.35	158.220	0.000
28	159.860	348.9	158.300	0.000	157.920	0.000	158.300	0.000	158.530	38.12	158.240	0.000
29	159.860	351.8	159.520	220.4	157.900	0.000	158.440	0.000	158.520	37.59	158.480	0.000
30	160.070	440.5	159.430	202.9			158.460	0.000	158.480	0.000	158.540	39.83
31	160.080	440.9	158.800	70.08			158.460	0.000			158.560	42.42
Ten-Daily Mean												
I Ten-Daily	158.255	0.000	160.207	473.6	158.790	82.47	158.062	5.955	158.384	11.92	158.392	16.22
II Ten-Daily	158.218	0.000	159.688	295.6	159.286	161.9	158.457	0.000	158.314	10.13	158.216	0.000
III Ten-Daily	159.429	250.7	158.890	98.75	158.030	0.000	158.449	4.801	158.475	19.54	158.315	7.477
Monthly												
Min.	158.180	0.000	158.230	0.000	157.900	0.000	157.890	0.000	158.040	0.000	158.040	0.000
Max.	160.080	440.9	160.340	536.2	159.310	170.4	158.660	59.55	158.650	60.29	158.560	42.42
Mean	158.660	88.97	159.572	283.2	158.725	84.26	158.327	3.624	158.391	13.86	158.308	7.886

Peak Computed Discharge = 565.9 cumecs on 30/08/2015 Corres. Water Level :160.4 m

Lowest Computed Discharge = 36.53 cumecs on 26/07/2015 Corres. Water Level :158.54 m

Q: Observed/Computed Discharge in cumecs

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

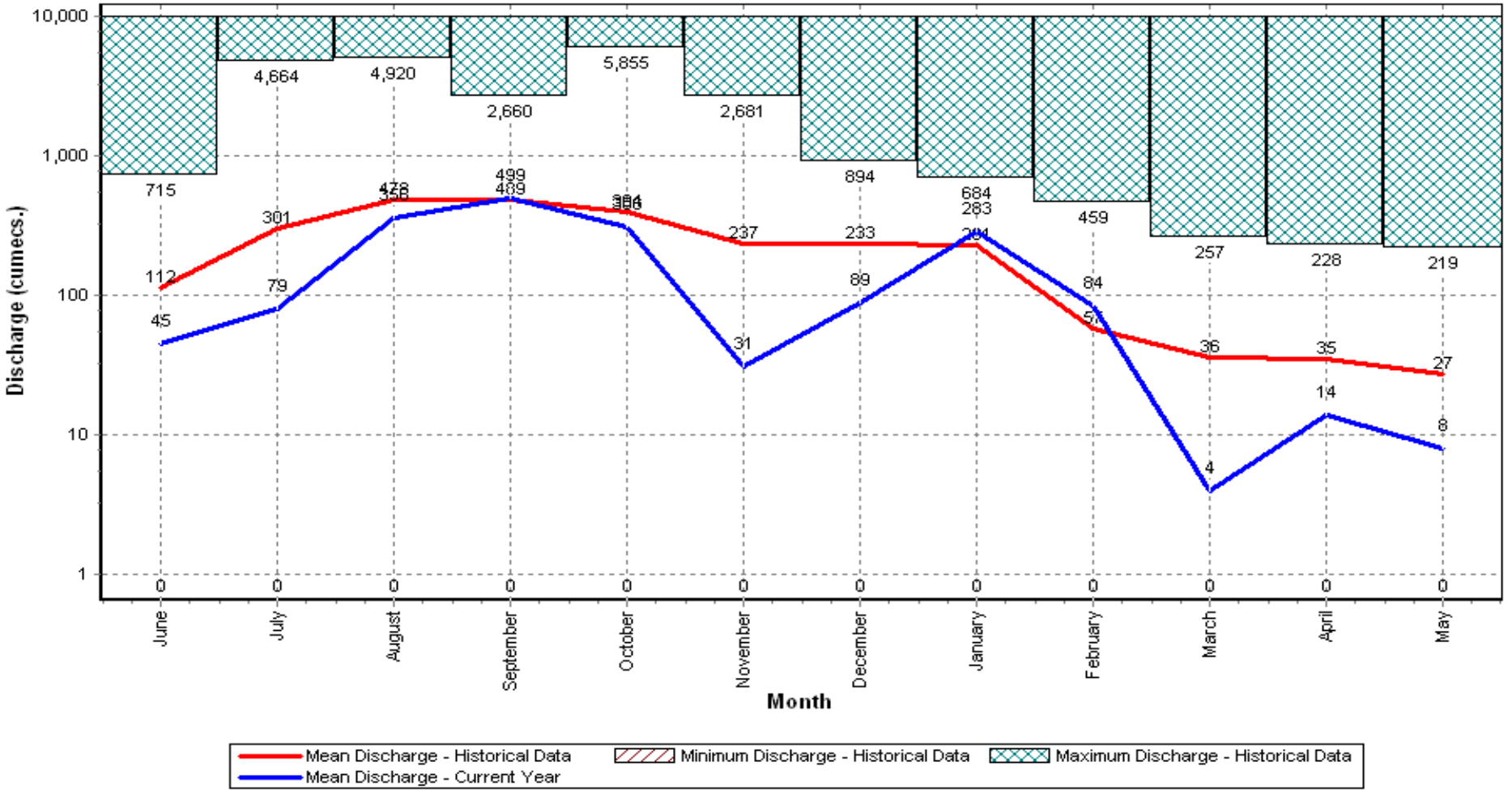
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : URACHIKOTTAI (CC000K5) | **Data considered : 1979-2016** | **Division : SR Division, Coimbatore**

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



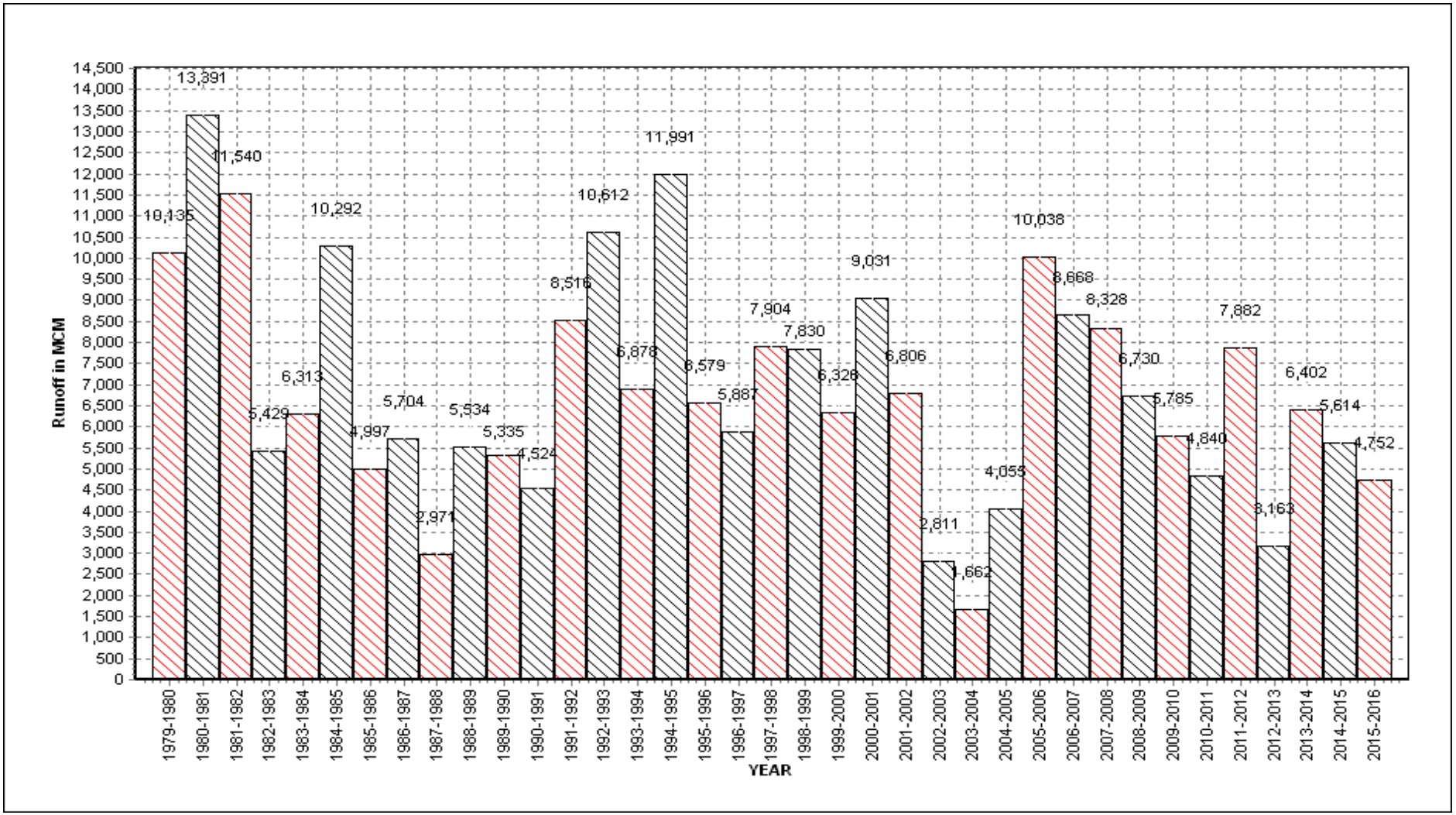
Annual Runoff Values for the period: 1979 - 2016

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



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

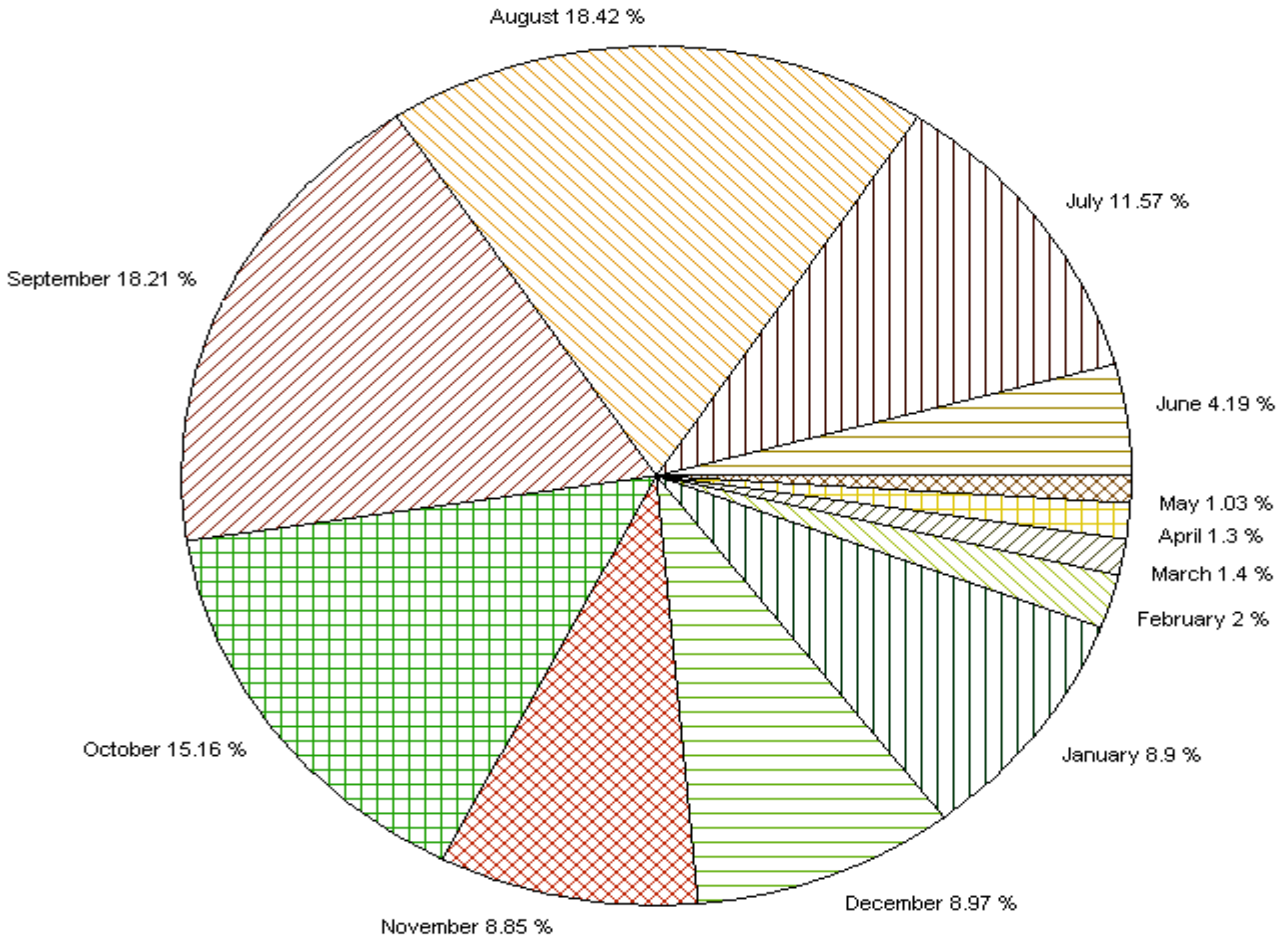
Monthly Average Runoff based on period : 1979-2015

Station Name : URACHIKOTTAI (CC000K5)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Middle Cauvery SD, Coimbatore



June	4.19 %
July	11.57 %
August	18.42 %
September	18.21 %
October	15.16 %
November	8.85 %
December	8.97 %
January	8.9 %
February	2 %
March	1.4 %
April	1.3 %
May	1.03 %

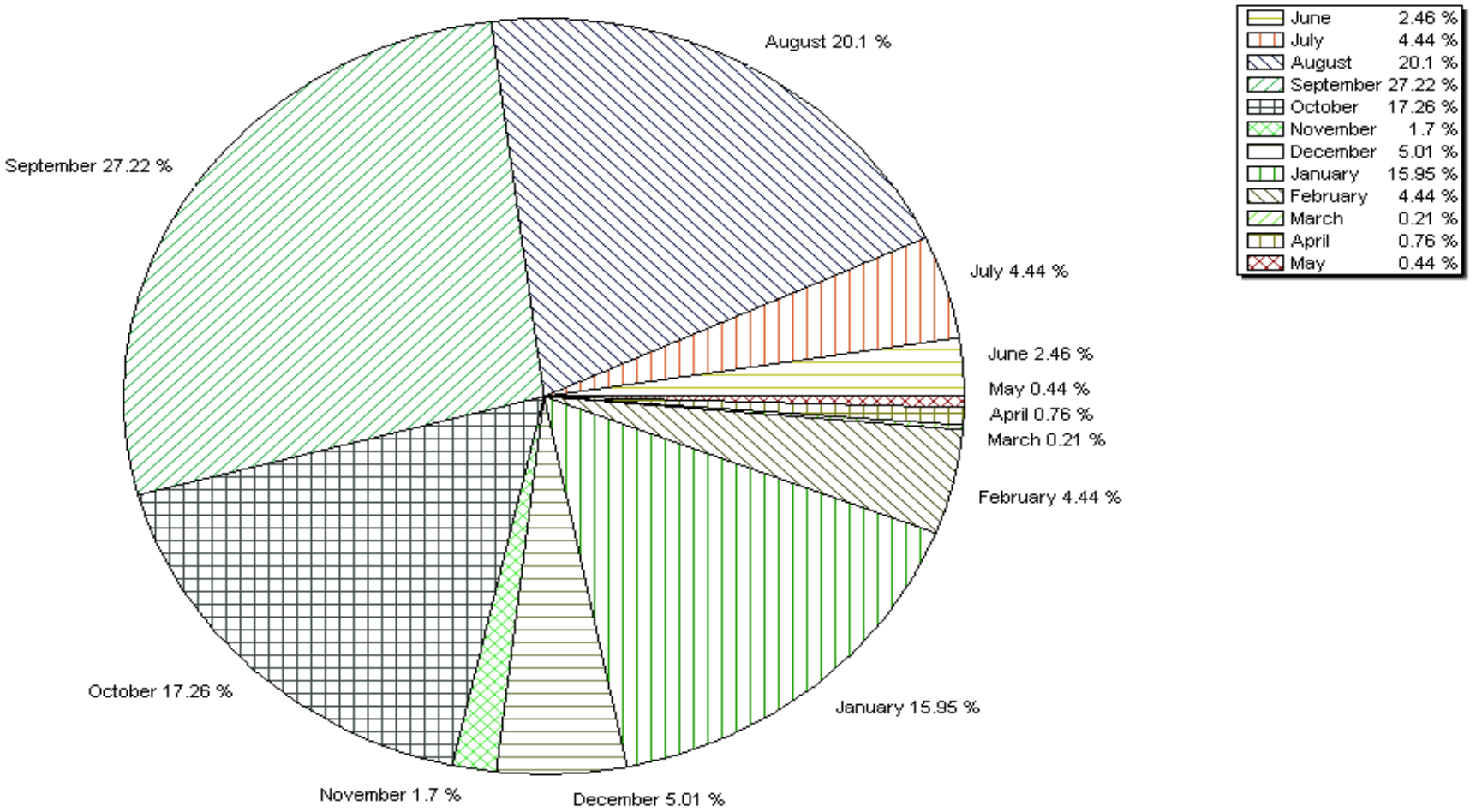
Monthly Runoff for the Year : 2015-2016

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

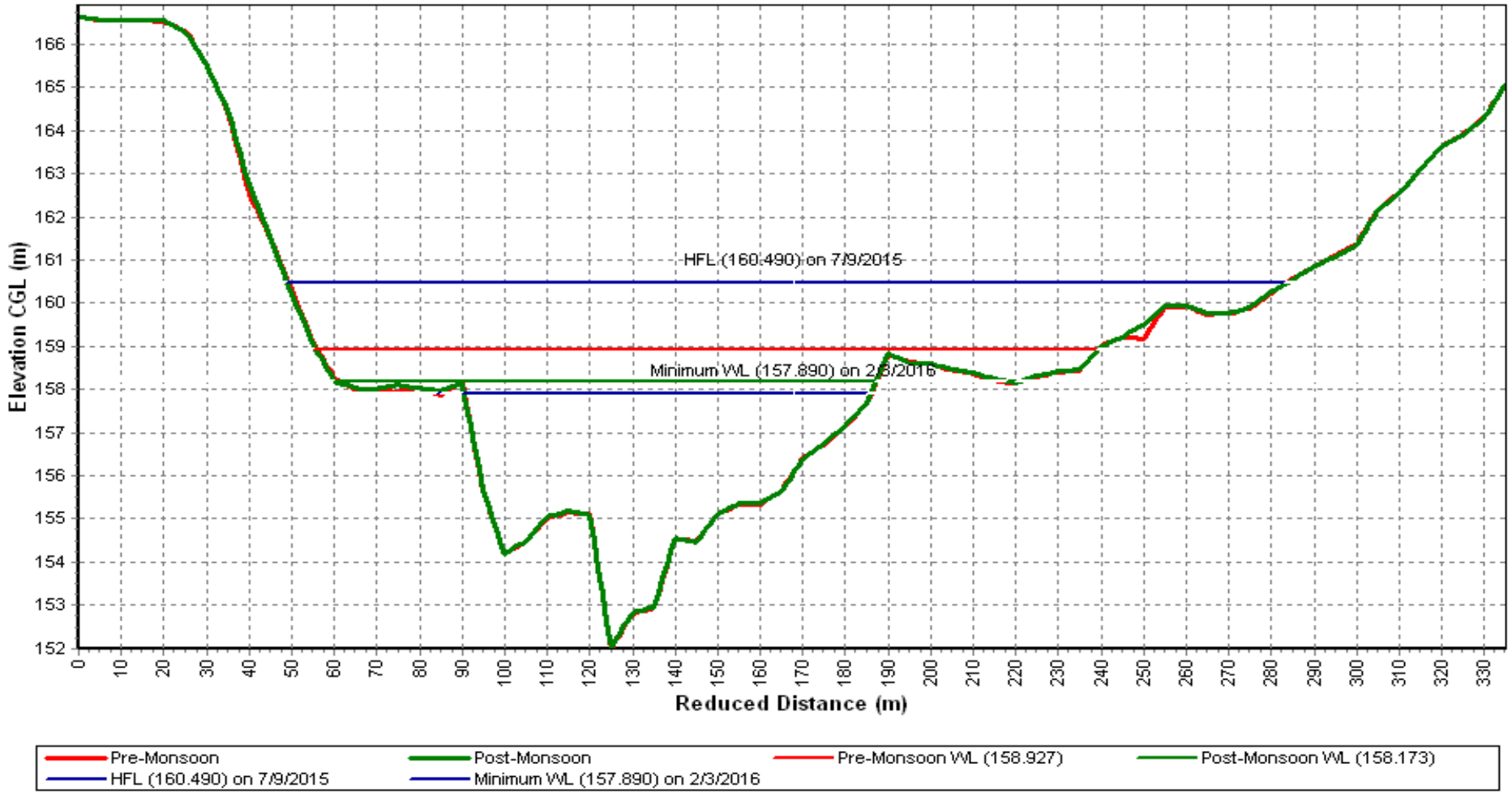
Sub-Division : Middle Cauvery SD, Coimbatore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

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



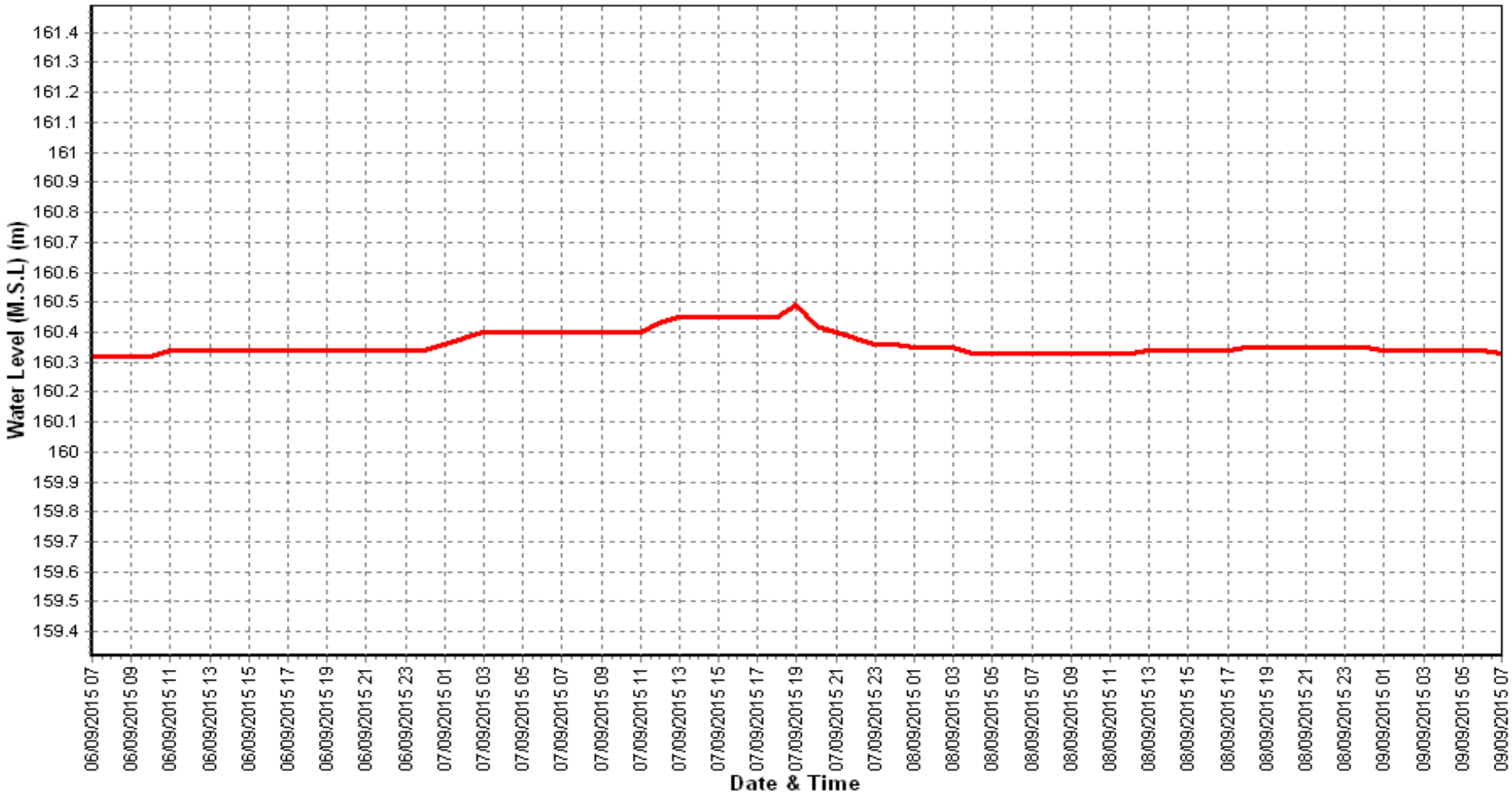
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : URACHIKOTTAI (CC000K5)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Middle Cauvery SD, Coimbatore

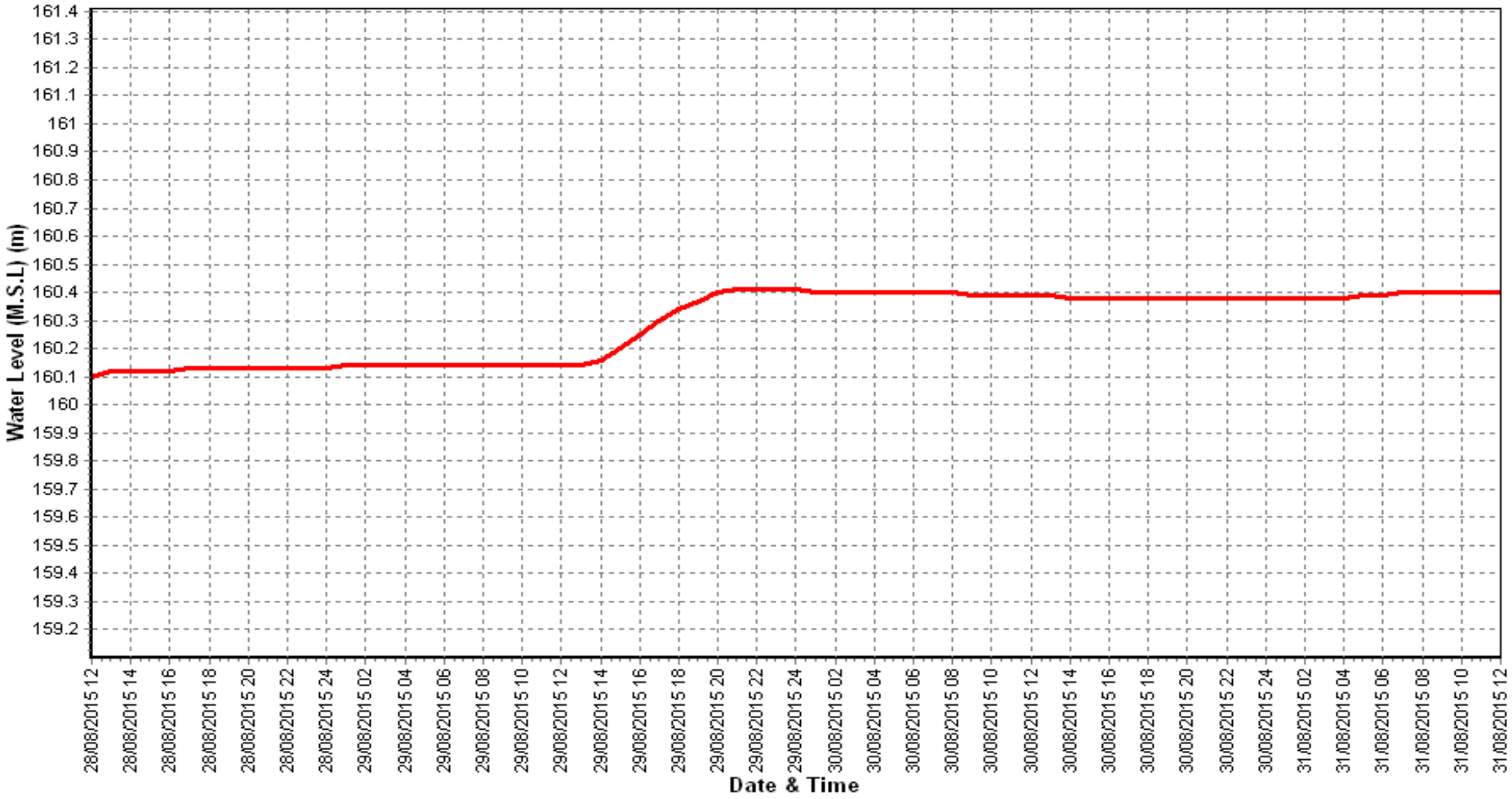


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

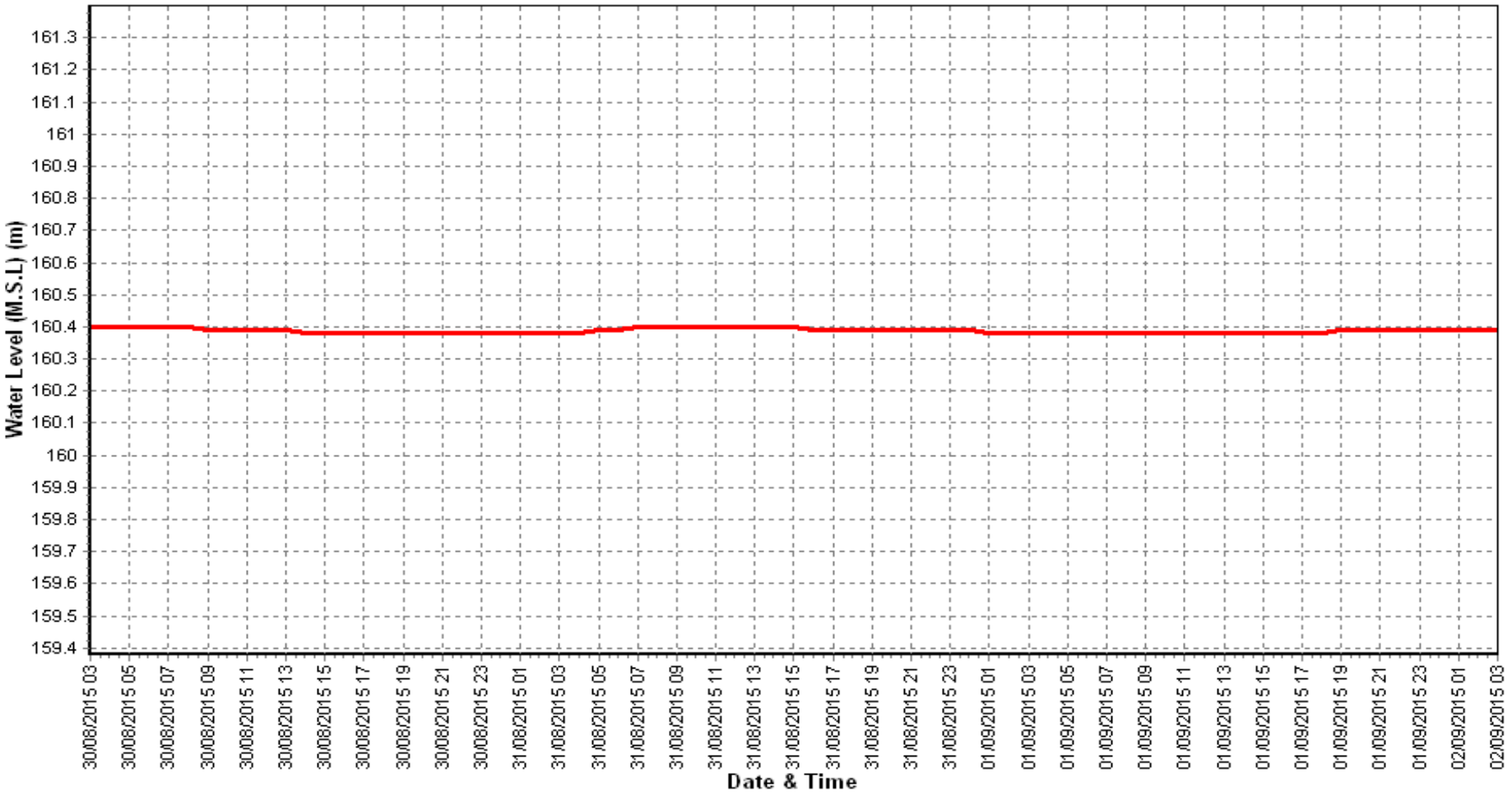


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	170.720	0.000	170.620	0.000	170.240	0.000	170.000	0.000	170.680	0.000	171.110	0.891 *
2	170.720	0.000	170.600	0.000	170.190	0.000	170.010	0.000	170.700	0.000	171.110	1.057
3	170.710	0.000	170.590	0.000	170.170	0.000	170.000	0.000	170.720	0.000	171.100	1.042
4	170.720	0.000	170.590	0.000	170.200	0.000	170.000	0.000	170.720	0.000	171.050	0.625
5	170.720	0.000	170.560	0.000	170.240	0.000	170.040	0.000	170.730	0.000	171.440	1.940
6	170.710	0.000	170.540	0.000	170.250	0.000	170.050	0.000	170.750	0.000	171.450	1.967
7	170.720	0.000	170.540	0.000	170.260	0.000	170.060	0.000	170.770	0.000	171.460	1.994
8	170.720	0.000	170.510	0.000	170.250	0.000	170.100	0.000	170.780	0.000	171.290	1.412 *
9	170.720	0.000	170.475	0.000	170.140	0.000	170.100	0.000	170.800	0.000	171.110	1.055
10	170.710	0.000	170.450	0.000	170.130	0.000	170.140	0.000	170.800	0.000	171.170	1.049 *
11	170.720	0.000	170.410	0.000		0.000	170.160	0.000	170.800	0.000	171.190	1.115
12	170.710	0.000	170.380	0.000		0.000	170.150	0.000	171.980	5.798	171.440	1.967
13	170.730	0.000	170.350	0.000		0.000	170.110	0.000	171.430	1.825	171.290	1.161
14	170.720	0.000	170.320	0.000		0.000	170.060	0.000	171.170	1.109	171.250	1.113
15	170.710	0.000	170.300	0.000		0.000	170.060	0.000	171.100	1.039	171.170	1.049 *
16	170.720	0.000	170.310	0.000		0.000	170.000	0.000	171.070	0.909 #	171.150	1.111
17	170.730	0.000	170.300	0.000		0.000		0.000	171.100	1.032	171.140	1.107
18	170.730	0.000	170.300	0.000		0.000		0.000	171.100	0.989 *	171.060	0.649
19	170.730	0.000	170.295	0.000		0.000		0.000	171.090	1.017	171.040	0.619
20	170.720	0.000	170.295	0.000		0.000		0.000	171.440	1.829	171.020	0.554
21	170.720	0.000	170.290	0.000		0.000		0.000	171.340	1.581 *	171.200	1.120
22	170.730	0.000	170.280	0.000		0.000		0.000	171.000	0.637 *	171.160	1.022 *
23	170.720	0.000	170.290	0.000		0.000		0.000	171.280	1.157	171.190	1.122
24	170.720	0.000	170.300	0.000		0.000		0.000	171.250	1.284 *	171.170	1.109
25	170.710	0.000	170.300	0.000		0.000		0.000	171.230	1.223 *	171.160	1.022 *
26	170.700	0.000	170.280	0.000		0.000		0.000	171.190	1.118	171.110	1.063
27	170.675	0.000	170.265	0.000		0.000		0.000	171.130	0.949	171.100	1.055
28	170.670	0.000	170.240	0.000		0.000	170.030	0.000	171.450	1.956	171.090	1.020
29	170.670	0.000	170.240	0.000		0.000	170.045	0.000	171.330	1.743	171.170	1.049 *
30	170.630	0.000	170.230	0.000	170.040	0.000	170.150	0.000	171.110	1.058	171.430	1.922
31			170.245	0.000	170.020	0.000			171.060	0.632		
Ten-Daily Mean												
I Ten-Daily	170.717	0.000	170.548	0.000	170.207	0.000	170.050	0.000	170.745	0.000	171.229	1.303
II Ten-Daily	170.722	0.000	170.326	0.000		0.000	170.090	0.000	171.228	1.555	171.175	1.044
III Ten-Daily	170.695	0.000	170.269	0.000	170.030	0.000	170.075	0.000	171.215	1.212	171.178	1.150
Monthly												
Min.	170.630	0.000	170.230	0.000	170.020	0.000	170.000	0.000	170.680	0.000	171.020	0.554
Max.	170.730	0.000	170.620	0.000	170.260	0.000	170.160	0.000	171.980	5.798	171.460	1.994
Mean	170.711	0	170.377	0	170.177	0	170.067	0	171.068	0.932	171.194	1.166

Annual Runoff in MCM = 10 Annual Runoff in mm = 8

Peak Observed Discharge = 5.798 cumecs on 12/10/2015 Corres. Water Level :171.98 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :170.72 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	171.330	1.793	171.100	1.036	170.890	0.200	170.680	0.000	170.230	0.000		0.000
2	171.290	1.851 #	171.110	1.043	170.870	0.186	170.680	0.000	170.240	0.000		0.000
3	171.160	1.116	171.100	0.925 *	170.860	0.161	170.680	0.000	170.230	0.000		0.000
4	171.150	1.113	171.110	1.051	170.860	0.155	170.680	0.000	170.240	0.000		0.000
5	171.140	1.107	171.100	1.030	170.820	0.000	170.690	0.000	170.230	0.000		0.000
6	171.130	1.054 *	171.070	0.828	170.820	0.000	170.670	0.000	170.210	0.000		0.000
7	171.100	1.054	171.080	0.953	170.810	0.000	170.640	0.000	170.200	0.000		0.000
8	171.070	0.638	171.060	0.727	170.800	0.000	170.630	0.000	170.190	0.000		0.000
9	171.060	0.626	171.040	0.620	170.810	0.000	170.600	0.000	170.180	0.000		0.000
10	171.050	0.616	171.050	0.726 *	170.810	0.000	170.600	0.000	170.180	0.000		0.000
11	171.110	1.049	171.040	0.633	170.800	0.000	170.610	0.000	170.170	0.000		0.000
12	171.100	1.047	171.050	0.637	170.810	0.000	170.590	0.000	170.160	0.000		0.000
13	171.090	0.884 *	171.020	0.557	170.810	0.000	170.580	0.000	170.160	0.000		0.000
14	171.100	1.047	171.020	0.551	170.800	0.000	170.570	0.000	170.140	0.000		0.000
15	171.110	1.061	171.000	0.546 *	170.790	0.000	170.570	0.000	170.120	0.000		0.000
16	171.170	1.116	170.980	0.471	170.790	0.000	170.450	0.000	170.090	0.000		0.000
17	171.160	1.101	171.000	0.546 *	170.780	0.000	170.440	0.000	170.080	0.000		0.000
18	171.140	1.093	170.980	0.472	170.780	0.000	170.430	0.000	170.070	0.000		0.000
19	171.130	1.038	170.970	0.468	170.770	0.000	170.350	0.000	170.060	0.000		0.000
20	171.140	1.098 *	170.970	0.476	170.770	0.000	170.290	0.000	170.030	0.000		0.000
21	171.150	1.101	170.970	0.460	170.760	0.000	170.270	0.000		0.000		0.000
22	171.140	1.062	170.950	0.501	170.750	0.000	170.270	0.000		0.000		0.000
23	171.110	1.039	170.970	0.473	170.740	0.000	170.270	0.000		0.000		0.000
24	171.110	0.967 *	170.940	0.359 *	170.740	0.000	170.280	0.000		0.000		0.000
25	171.090	0.884 *	170.910	0.277 #	170.730	0.000	170.270	0.000		0.000		0.000
26	171.100	1.025	170.910	0.277 *	170.720	0.000	170.280	0.000		0.000		0.000
27	171.130	1.054 *	170.900	0.297	170.720	0.000	170.280	0.000		0.000		0.000
28	171.140	1.077	170.900	0.273	170.700	0.000	170.290	0.000		0.000		0.000
29	171.130	1.048	170.890	0.199	170.680	0.000	170.280	0.000		0.000		0.000
30	171.110	1.035	170.890	0.200			170.240	0.000		0.000		0.000
31	171.090	0.998	170.880	0.204 *			170.240	0.000				0.000
Ten-Daily Mean												
I Ten-Daily	171.148	1.097	171.082	0.894	170.835	0.070	170.655	0.000	170.213	0.000		0.000
II Ten-Daily	171.125	1.053	171.003	0.536	170.790	0.000	170.488	0.000	170.108	0.000		0.000
III Ten-Daily	171.118	1.026	170.919	0.320	170.727	0.000	170.270	0.000		0.000		0.000
Monthly												
Min.	171.050	0.616	170.880	0.199	170.680	0.000	170.240	0.000	170.030	0.000		0.000
Max.	171.330	1.851	171.110	1.051	170.890	0.200	170.690	0.000	170.240	0.000		0.000
Mean	171.130	1.058	170.999	0.575	170.786	0.024	170.465	0	170.160	0		0

Peak Computed Discharge = 1.581 cumecs on 21/10/2015 **Corres. Water Level :171.34 m**

Lowest Computed Discharge = 0.204 cumecs on 31/01/2016 **Corres. Water Level :170.88 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

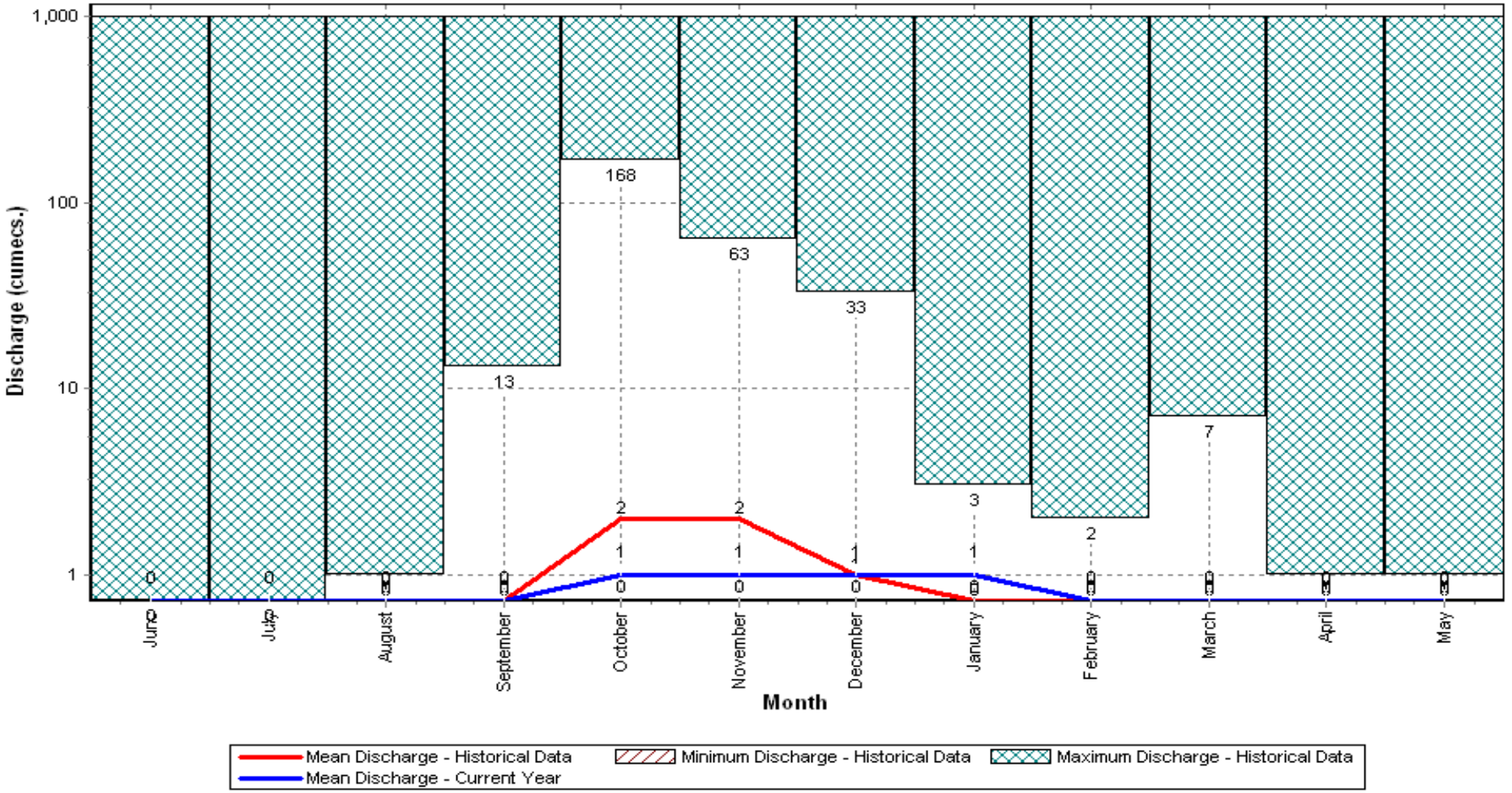
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : THEVUR (CCH00C3) | **Data considered : 2000-2016** | **Division : SR Division, Coimbatore**

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



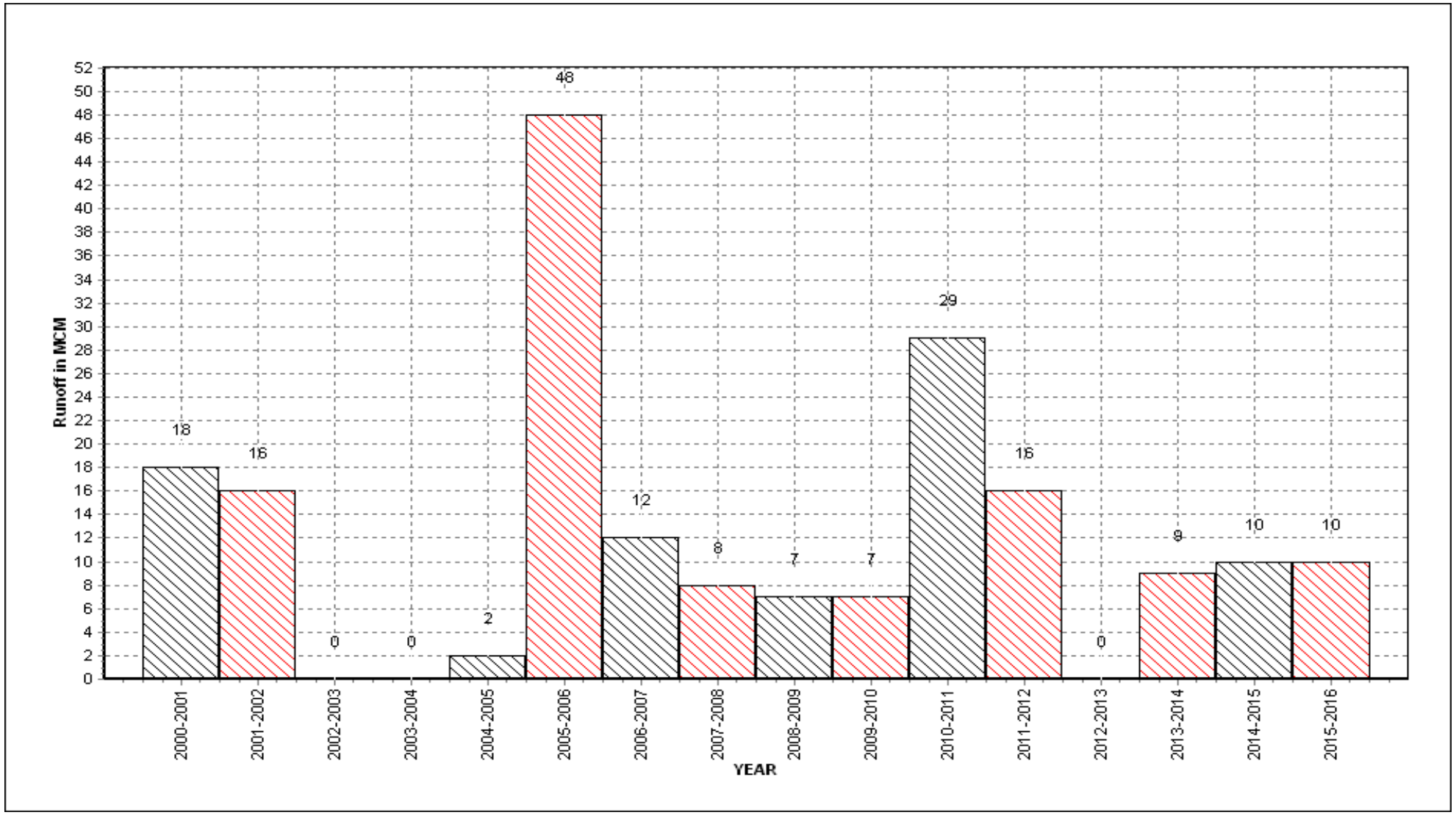
Annual Runoff Values for the period: 2000 - 2016

Station Name : THEVUR (CCH00C3)

Local River : Sarabenga

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore

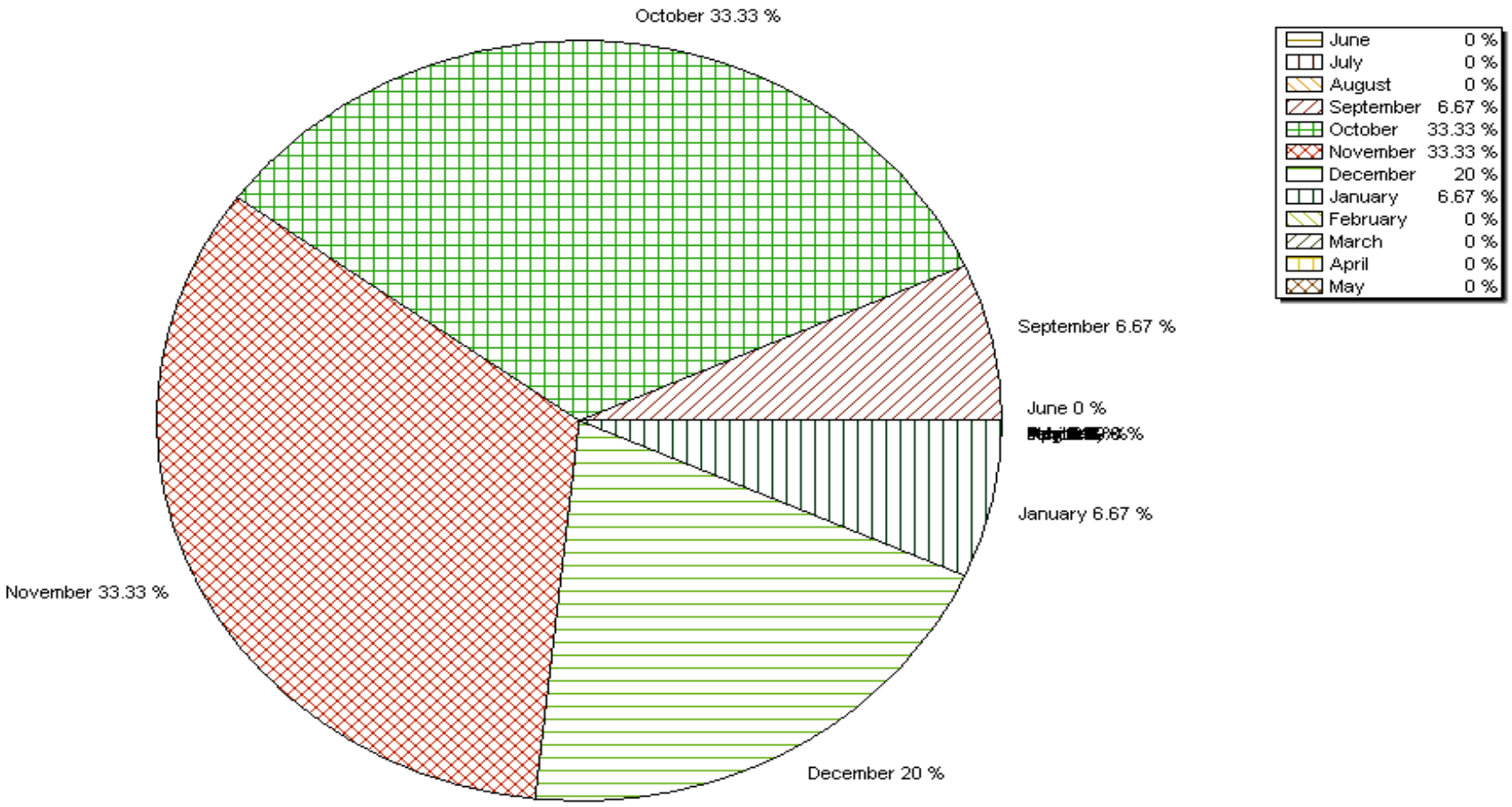


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2000-2015

Station Name : THEVUR (CCH00C3)
Local River : Sarabenga

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



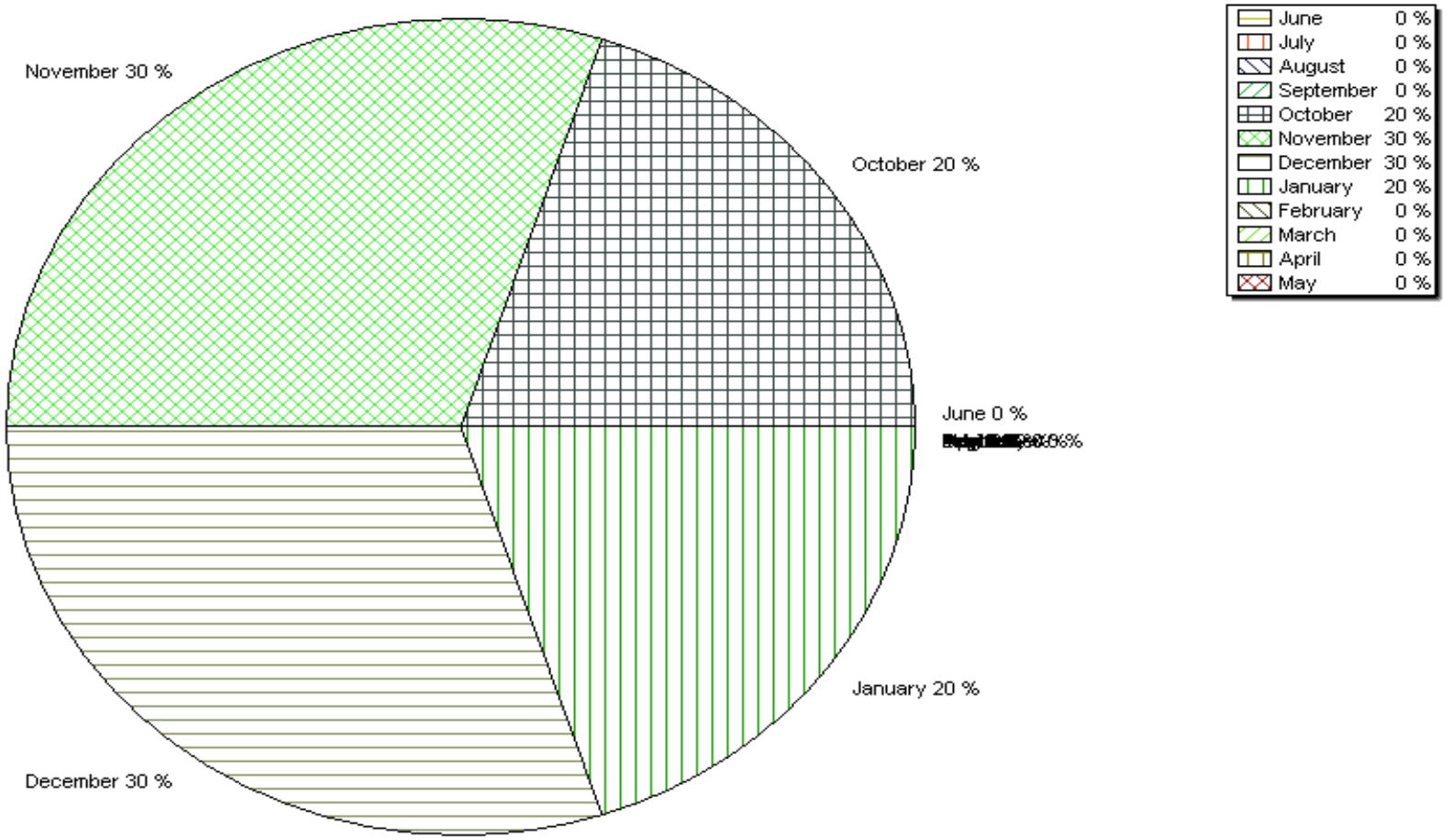
Monthly Runoff for the Year : 2015-2016

Station Name : THEVUR (CCH00C3)

Division : SR Division, Coimbatore

Local River : Sarabenga

Sub-Division : Middle Cauvery SD, Coimbatore



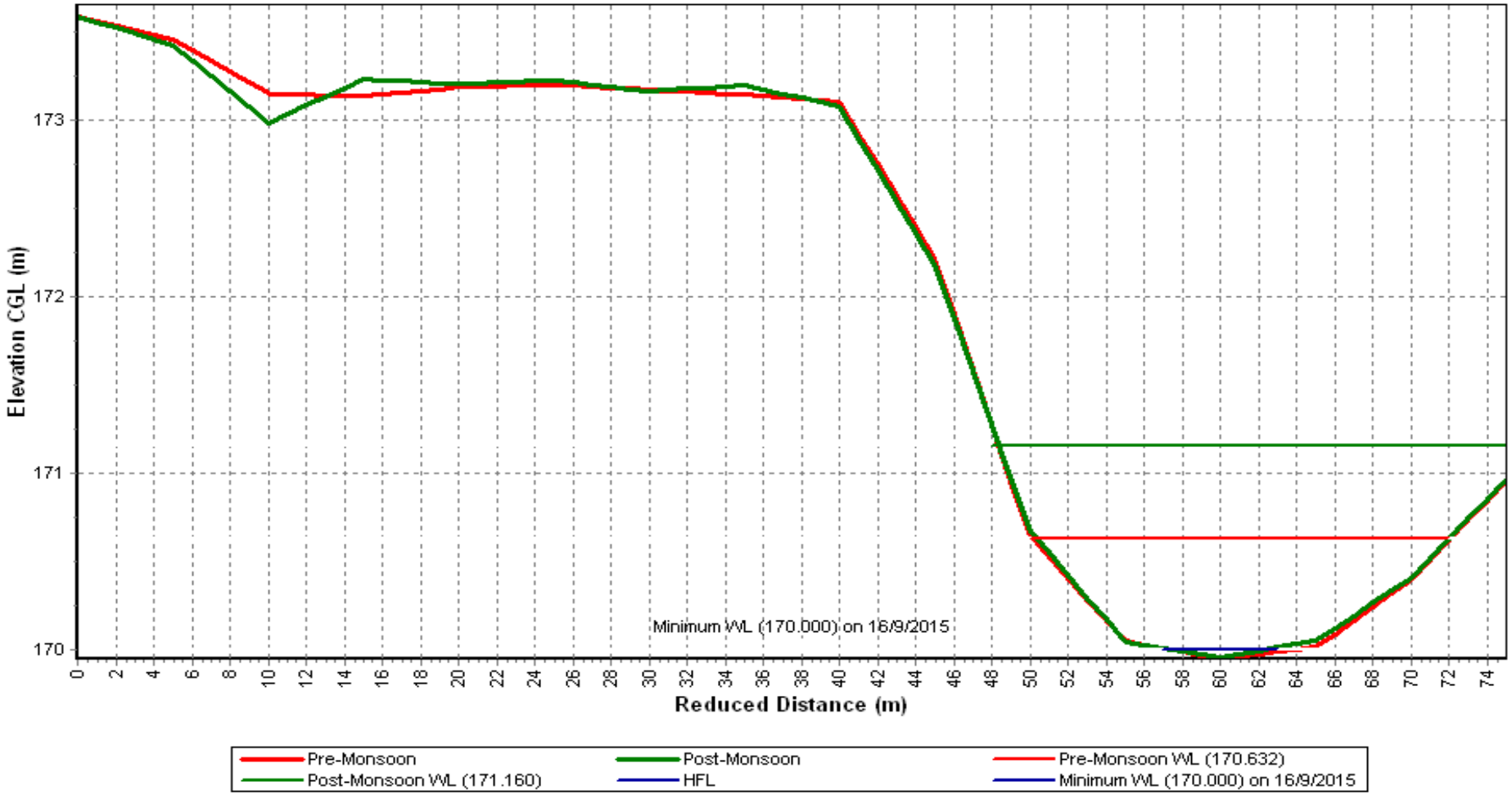
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : THEVUR (CCH00C3)

Local River : Sarabenga

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000	170.710	0.358	170.700	0.402 *
2		0.000		0.000		0.000		0.000	170.700	0.000	170.690	0.430
3		0.000		0.000		0.000		0.000	170.600	0.000	170.670	0.343
4		0.000		0.000		0.000		0.000	170.580	0.000	170.660	0.285
5		0.000		0.000		0.000		0.000	170.790	0.889	171.600	22.97
6	170.530	0.000		0.000		0.000		0.000	170.780	0.788	171.010	2.813
7	170.540	0.000		0.000		0.000		0.000	170.730	0.548	170.760	0.645
8	170.550	0.000		0.000		0.000		0.000	170.720	0.453	170.700	0.460 *
9	170.560	0.000		0.000		0.000		0.000	170.680	0.312	170.670	0.347
10	170.530	0.000		0.000		0.000		0.000	170.700	0.435	170.900	1.588 *
11		0.000		0.000		0.000		0.000	170.680	0.321 *	170.780	0.792
12		0.000		0.000		0.000		0.000	170.800	0.962	170.700	0.434
13		0.000		0.000		0.000		0.000	170.780	0.783	170.690	0.420
14		0.000		0.000		0.000		0.000	170.720	0.453	170.660	0.290
15		0.000		0.000		0.000		0.000	170.680	0.310	170.660	0.313 *
16		0.000		0.000		0.000		0.000	170.680	0.306	170.670	0.347
17		0.000		0.000		0.000		0.000	170.700	0.445	170.650	0.247
18		0.000		0.000		0.000		0.000	170.700	0.402 *	170.650	0.250
19		0.000		0.000		0.000		0.000	170.700	0.445	170.640	0.236
20		0.000		0.000		0.000		0.000	170.900	1.715	170.630	0.245
21		0.000		0.000		0.000		0.000	170.900	1.838 *	170.630	0.249
22		0.000		0.000		0.000	170.560	0.000	170.900	1.838 *	170.650	0.281 *
23		0.000		0.000		0.000		0.000	170.780	0.784	170.690	0.420
24		0.000		0.000		0.000	170.580	0.000	170.720	0.493 *	170.660	0.289
25		0.000		0.000		0.000	170.720	0.421	170.700	0.402 *	170.660	0.313 *
26		0.000		0.000		0.000	170.600	0.000	170.700	0.445	170.630	0.260
27		0.000		0.000		0.000	170.610	0.000	170.700	0.442	170.660	0.289
28		0.000		0.000		0.000	170.730	0.471	170.900	1.716	170.660	0.292
29		0.000		0.000		0.000	170.710	0.359	170.780	0.785	170.660	0.313 *
30		0.000		0.000		0.000	170.720	0.417	170.670	0.344	170.890	1.593
31				0.000		0.000			170.670	0.346		
Ten-Daily Mean												
I Ten-Daily	170.542	0.000		0.000		0.000		0.000	170.699	0.378	170.836	3.029
II Ten-Daily		0.000		0.000		0.000		0.000	170.734	0.614	170.673	0.357
III Ten-Daily		0.000		0.000		0.000	170.654	0.167	170.765	0.858	170.679	0.430
Monthly												
Min.	170.530	0.000		0.000		0.000	170.560	0.000	170.580	0.000	170.630	0.236
Max.	170.560	0.000		0.000		0.000	170.730	0.471	170.900	1.838	171.600	22.97
Mean	170.542	0		0		0	170.654	0.056	170.734	0.624	170.729	1.272

Annual Runoff in MCM = 7 Annual Runoff in mm = 27

Peak Observed Discharge = 22.97 cumecs on 05/11/2015 Corres. Water Level :171.6 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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	170.690	0.408	170.680	0.413	170.560	0.000		0.000		0.000		0.000
2	170.690	0.415	170.700	0.464	170.550	0.000		0.000		0.000		0.000
3	170.780	0.911	170.680	0.411 *	170.550	0.000		0.000		0.000		0.000
4	170.690	0.415	170.670	0.373	170.540	0.000		0.000		0.000		0.000
5	170.720	0.487	170.670	0.372	170.560	0.000		0.000		0.000		0.000
6	170.690	0.439 *	170.670	0.371	170.550	0.000		0.000		0.000		0.000
7	170.670	0.346	170.650	0.320	170.540	0.000		0.000		0.000		0.000
8	170.690	0.432	170.650	0.320	170.550	0.000		0.000		0.000		0.000
9	170.670	0.344	170.610	0.257	170.560	0.000		0.000		0.000		0.000
10	170.710	0.508	170.610	0.244 *	170.550	0.000		0.000		0.000		0.000
11	170.700	0.478	170.620	0.267	170.550	0.000		0.000		0.000		0.000
12	170.680	0.391	170.630	0.278	170.550	0.000		0.000		0.000		0.000
13	170.680	0.411 *	170.640	0.321	170.540	0.000		0.000		0.000		0.000
14	170.700	0.468	170.630	0.297	170.550	0.000		0.000		0.000		0.000
15	170.710	0.485	170.620	0.265 *	170.560	0.000		0.000		0.000		0.000
16	170.710	0.484	170.620	0.277	170.540	0.000		0.000		0.000		0.000
17	170.700	0.461	170.620	0.265 *	170.540	0.000		0.000		0.000		0.000
18	170.700	0.462	170.630	0.295	170.540	0.000		0.000		0.000		0.000
19	170.680	0.392	170.630	0.296	170.540	0.000		0.000		0.000		0.000
20	170.700	0.467 *	170.620	0.282	170.540	0.000		0.000		0.000		0.000
21	170.730	0.567	170.630	0.297	170.540	0.000		0.000		0.000		0.000
22	170.720	0.553	170.620	0.282	170.540	0.000		0.000		0.000		0.000
23	170.710	0.522	170.590	0.000	170.540	0.000		0.000		0.000		0.000
24	170.710	0.498 *	170.580	0.000	170.530	0.000		0.000		0.000		0.000
25	170.700	0.467 *	170.580	0.000	170.530	0.000		0.000		0.000		0.000
26	170.690	0.430	170.570	0.000	170.530	0.000		0.000		0.000		0.000
27	170.690	0.439 *	170.570	0.000	170.530	0.000		0.000		0.000		0.000
28	170.700	0.516	170.570	0.000	170.520	0.000		0.000		0.000		0.000
29	170.690	0.440	170.570	0.000	170.520	0.000		0.000		0.000		0.000
30	170.680	0.414	170.560	0.000				0.000		0.000		0.000
31	170.680	0.416	170.560	0.000				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	170.700	0.470	170.659	0.354	170.551	0.000		0.000		0.000		0.000
II Ten-Daily	170.696	0.450	170.626	0.284	170.545	0.000		0.000		0.000		0.000
III Ten-Daily	170.700	0.478	170.582	0.053	170.531	0.000		0.000		0.000		0.000
Monthly												
Min.	170.670	0.344	170.560	0.000	170.520	0.000		0.000		0.000		0.000
Max.	170.780	0.911	170.700	0.464	170.560	0.000		0.000		0.000		0.000
Mean	170.699	0.467	170.621	0.225	170.543	0		0		0		0

Peak Computed Discharge = 1.838 cumecs on 21/10/2015 **Corres. Water Level :170.9 m**

Lowest Computed Discharge = 0.244 cumecs on 10/01/2016 **Corres. Water Level :170.61 m**

Q: Observed/Computed Discharge in cumecs

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

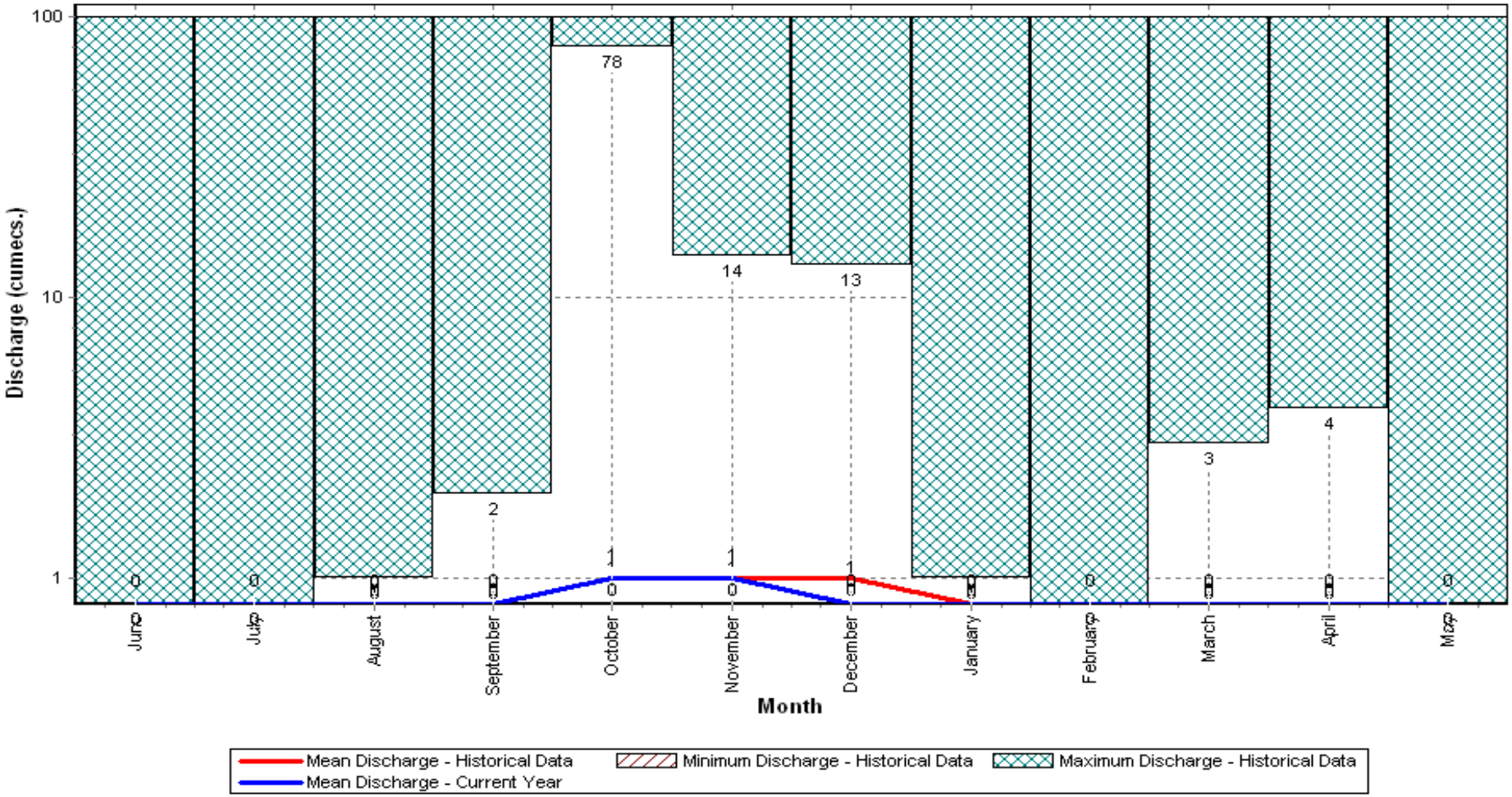
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : SEVANUR (CCI00C4) | **Data considered : 2000-2016** | **Division : SR Division, Coimbatore**

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


100
10
1
Discharge (cumecs.)
78
14
13
4
3
2
1
1
1
0
0
0

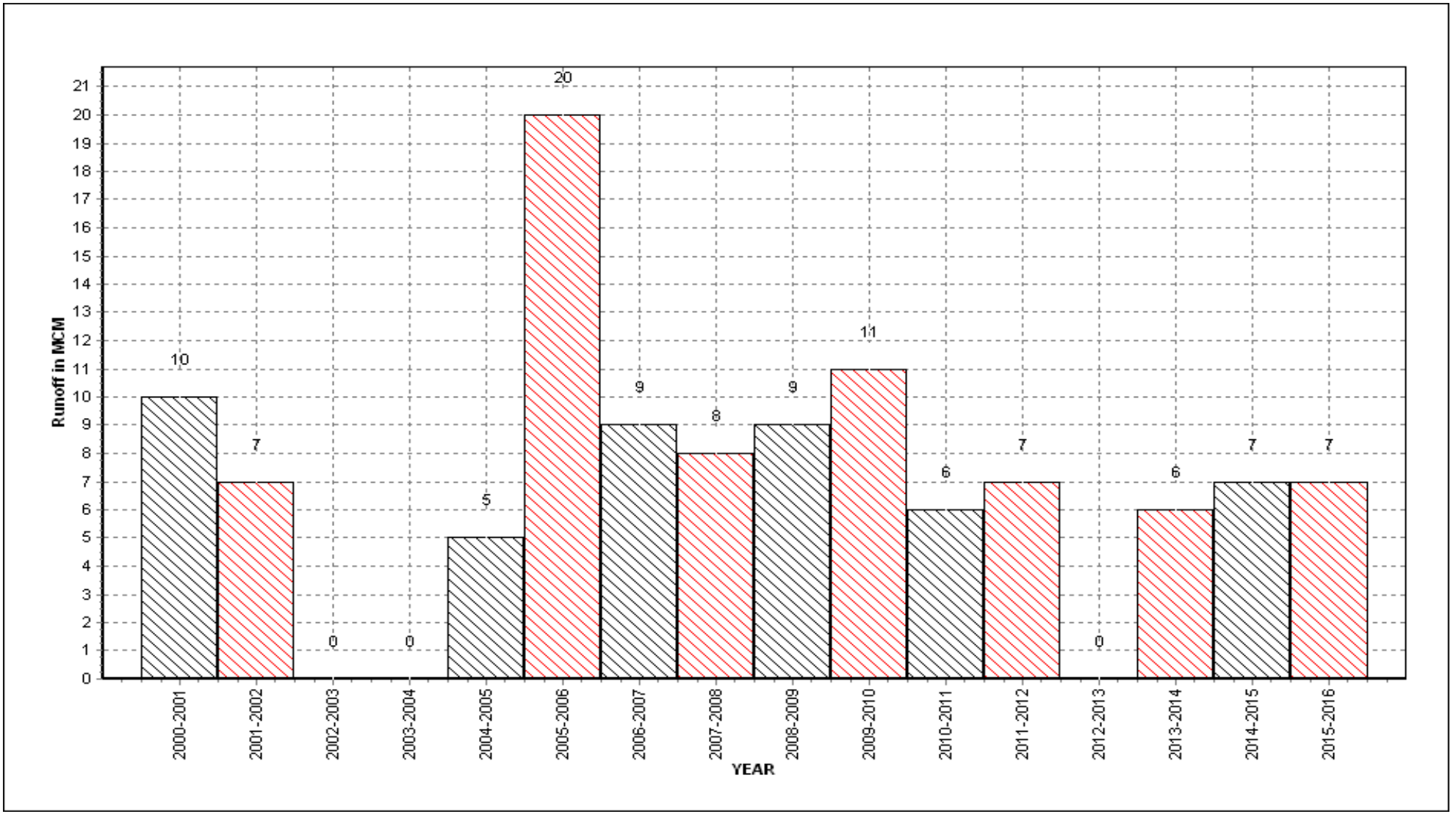
Annual Runoff Values for the period: 2000 - 2016

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

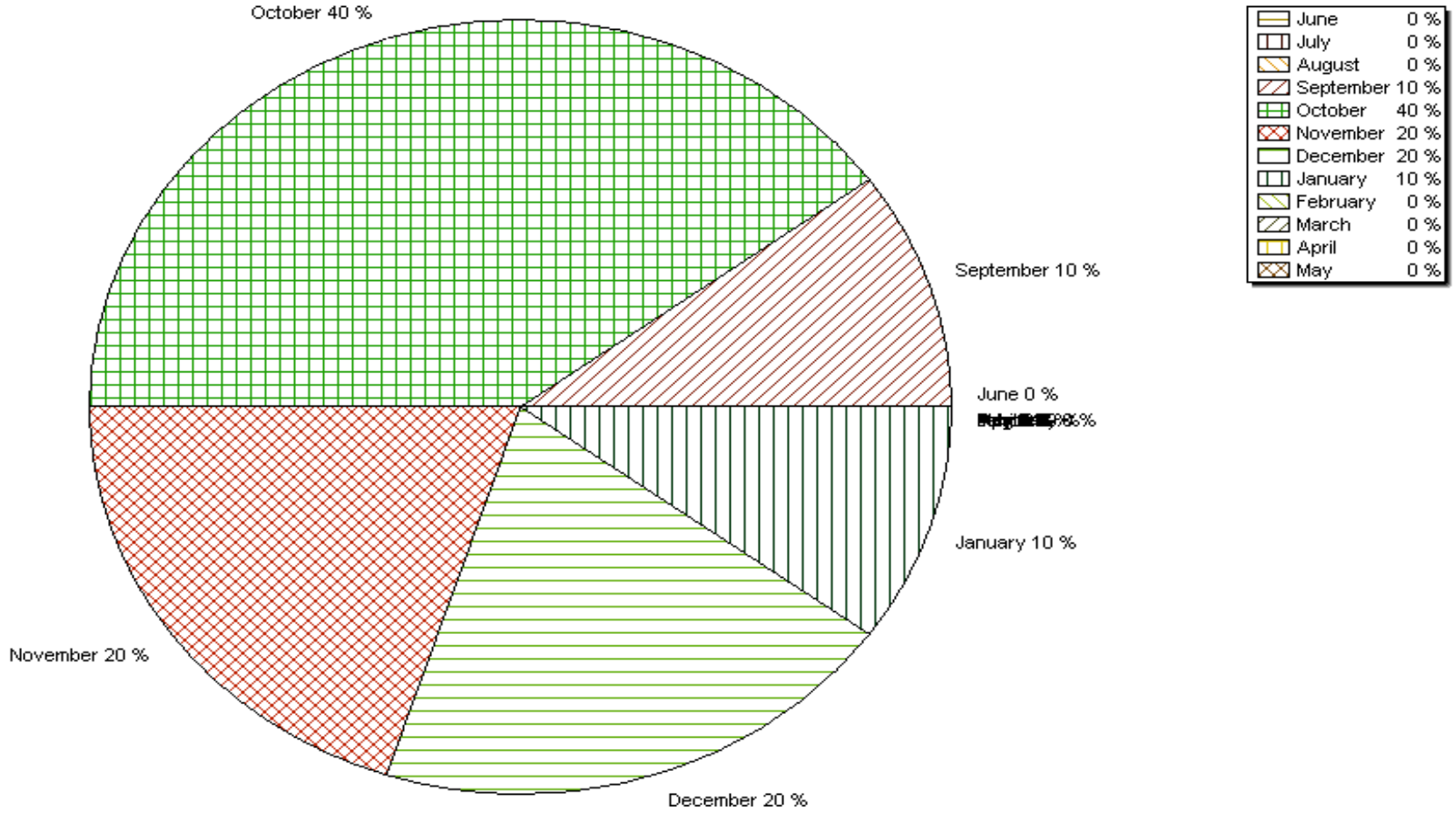
Monthly Average Runoff based on period : 2000-2015

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



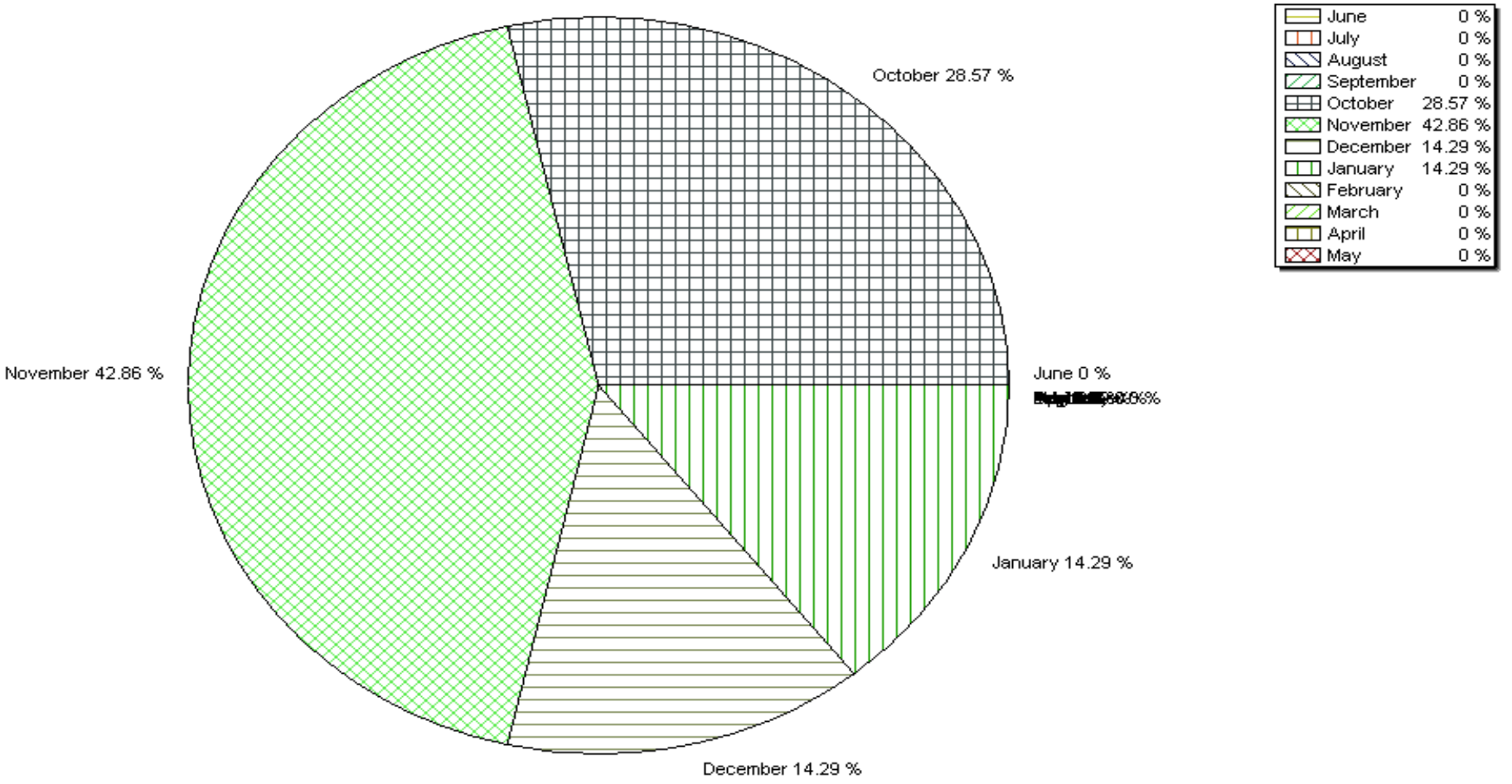
Monthly Runoff for the Year : 2015-2016

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



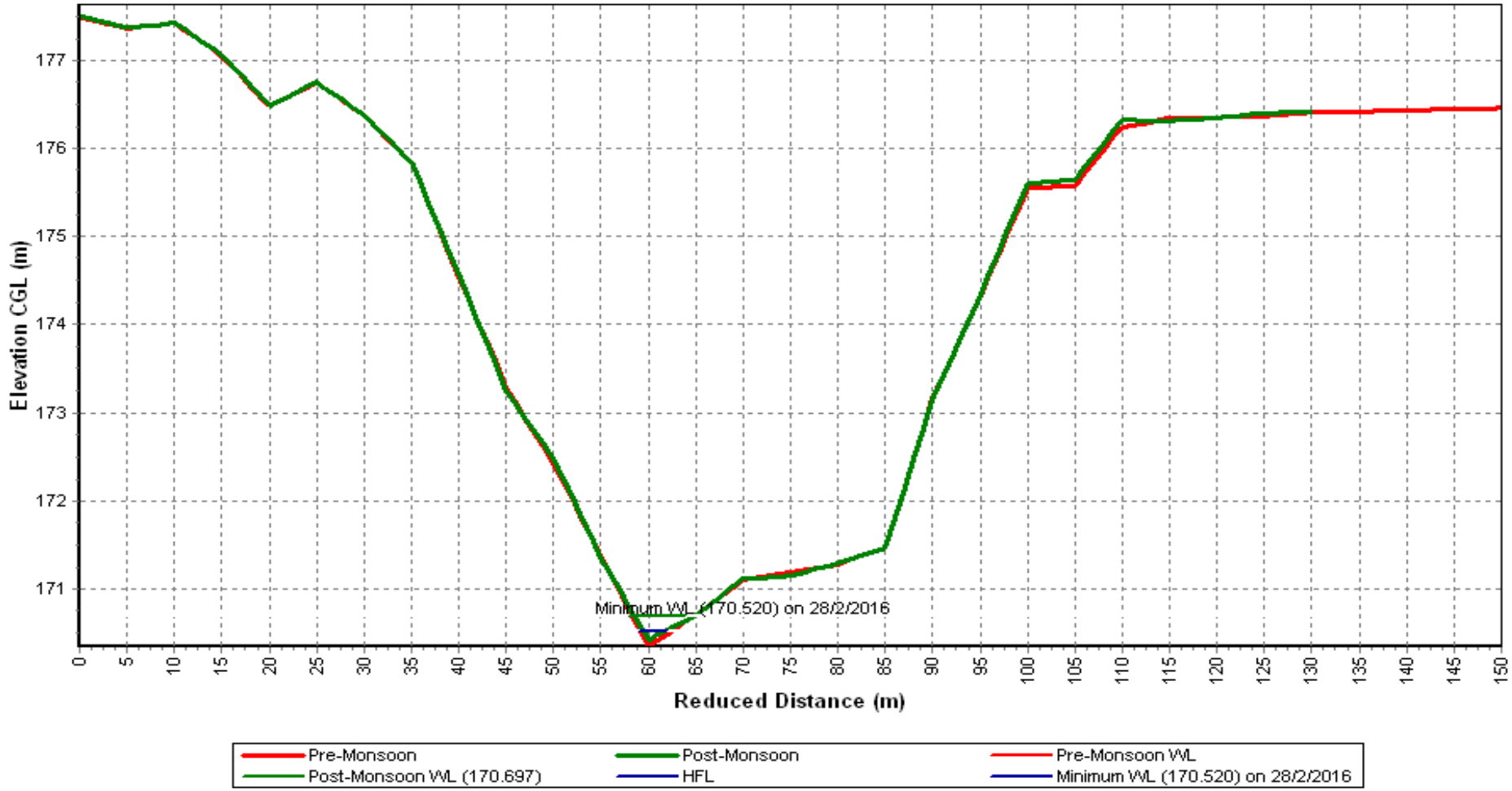
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : SEVANUR (CCI00C4)

Local River : Chittar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1		0.000		0.000		0.000		0.000		0.000		0.000
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	323.060	0.000
11		0.000		0.000		0.000		0.000		0.000	323.580	0.000
12		0.000		0.000		0.000		0.000		0.000	323.480	0.000
13		0.000		0.000		0.000		0.000		0.000	323.460	0.000
14		0.000		0.000		0.000		0.000		0.000	323.450	0.000
15		0.000		0.000		0.000		0.000		0.000	323.460	0.000
16		0.000		0.000		0.000		0.000		0.000	323.460	0.000
17		0.000		0.000		0.000		0.000		0.000	323.460	0.000
18		0.000		0.000		0.000		0.000		0.000	323.460	0.000
19		0.000		0.000		0.000		0.000		0.000	323.455	0.000
20		0.000		0.000		0.000		0.000		0.000	323.460	0.000
21		0.000		0.000		0.000		0.000		0.000	323.465	0.000
22		0.000		0.000		0.000		0.000		0.000	323.460	0.000
23		0.000		0.000		0.000		0.000		0.000	323.455	0.000
24		0.000		0.000		0.000		0.000		0.000	323.460	0.000
25		0.000		0.000		0.000		0.000		0.000	323.820	0.000
26		0.000		0.000		0.000		0.000		0.000	323.830	0.000
27		0.000		0.000		0.000		0.000		0.000	323.780	0.000
28		0.000		0.000		0.000		0.000		0.000	323.660	0.000
29		0.000		0.000		0.000		0.000		0.000	323.620	0.000
30		0.000		0.000		0.000		0.000		0.000	323.655	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	323.060	0.000
II Ten-Daily		0.000		0.000		0.000		0.000		0.000	323.472	0.000
III Ten-Daily		0.000		0.000		0.000		0.000		0.000	323.620	0.000
Monthly												
Min.		0.000		0.000		0.000		0.000		0.000	323.060	0.000
Max.		0.000		0.000		0.000		0.000		0.000	323.830	0.000
Mean		0		0		0		0		0	323.523	0

Annual Runoff in MCM = 4 Annual Runoff in mm = 10

Peak Observed Discharge = 3.981 cumecs on 08/12/2015 Corres. Water Level :324.065 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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

Local River : Thoppaiyar **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	323.820	0.000	323.330	0.000	323.250	0.000	323.225	0.000	323.010	0.000		0.000
2	323.950	0.000	323.330	0.000	323.190	0.000	323.240	0.000		0.000		0.000
3	323.930	0.000	323.360	0.000	323.200	0.000	323.245	0.000		0.000		0.000
4	324.060	3.756	323.350	0.000	323.225	0.000	323.275	0.000		0.000		0.000
5	323.850	1.253	323.360	0.000	323.310	0.000	323.290	0.000		0.000		0.000
6	323.910	2.174 *	323.350	0.189	323.255	0.000	323.275	0.000		0.000		0.000
7	323.870	1.522	323.340	0.154	323.220	0.000	323.210	0.000		0.000		0.000
8	324.065	3.981	323.290	0.000	323.225	0.000	323.230	0.000		0.000		0.000
9	323.855	1.545	323.280	0.000	323.225	0.000	323.240	0.000		0.000		0.000
10	323.800	0.998	323.230	0.000	323.195	0.000	323.220	0.000		0.000		0.000
11	323.990	3.634	323.280	0.000	323.225	0.000	323.240	0.000		0.000		0.000
12	323.960	3.168	323.240	0.000	323.230	0.000	323.200	0.000		0.000		0.000
13	323.860	1.678 *	323.230	0.000	323.210	0.000	323.190	0.000		0.000		0.000
14	323.850	1.571	323.230	0.000	323.190	0.000	323.180	0.000		0.000		0.000
15	323.900	2.541	323.230	0.000	323.250	0.000	323.190	0.000		0.000		0.000
16	323.750	0.768	323.240	0.000	323.235	0.000	323.180	0.000		0.000		0.000
17	323.760	1.024	323.240	0.000	323.250	0.000	323.170	0.000		0.000		0.000
18	323.700	0.583	323.240	0.000	323.230	0.000	323.160	0.000		0.000		0.000
19	323.580	0.549	323.230	0.000	323.220	0.000	323.150	0.000		0.000		0.000
20	323.760	0.887 *	323.390	0.404	323.190	0.000	323.130	0.000		0.000	322.870	0.000
21	323.600	0.572	323.360	0.141	323.200	0.000	323.090	0.000		0.000	323.120	0.000
22	323.430	0.332	323.255	0.000	323.200	0.000	322.950	0.000		0.000	323.100	0.000
23	323.640	0.665	323.255	0.000	323.255	0.000	322.920	0.000		0.000	323.100	0.000
24	323.480	0.637 *	323.245	0.000	323.240	0.000	322.910	0.000		0.000	323.110	0.000
25	323.510	0.777 *	323.235	0.000	323.225	0.000	322.980	0.000		0.000	323.110	0.000
26	323.520	0.805	323.210	0.000	323.215	0.000	322.900	0.000		0.000	323.000	0.000
27	323.480	0.637 *	323.215	0.000	323.210	0.000	322.880	0.000		0.000	323.000	0.000
28	323.490	0.625	323.285	0.000	323.210	0.000	322.880	0.000		0.000	323.640	1.602
29	323.390	0.377	323.225	0.000	323.220	0.000	322.950	0.000		0.000	323.660	1.709 *
30	323.470	0.594	323.220	0.000			322.950	0.000		0.000	323.650	1.589
31	323.420	0.427	323.210	0.000			322.940	0.000			323.250	0.000
Ten-Daily Mean												
I Ten-Daily	323.911	1.523	323.322	0.034	323.230	0.000	323.245	0.000	323.010	0.000		0.000
II Ten-Daily	323.811	1.640	323.255	0.040	323.223	0.000	323.179	0.000		0.000	322.870	0.000
III Ten-Daily	323.494	0.586	323.247	0.013	323.219	0.000	322.941	0.000		0.000	323.249	0.445
Monthly												
Min.	323.390	0.000	323.210	0.000	323.190	0.000	322.880	0.000	323.010	0.000	322.870	0.000
Max.	324.065	3.981	323.390	0.404	323.310	0.000	323.290	0.000	323.010	0.000	323.660	1.709
Mean	323.731	1.228	323.274	0.029	323.224	0	323.116	0	323.010	0	323.217	0.158

Peak Computed Discharge = 2.174 cumecs on 06/12/2015 **Corres. Water Level :323.91 m**

Lowest Computed Discharge = 0.637 cumecs on 24/12/2015 **Corres. Water Level :323.48 m**

Q: Observed/Computed Discharge in cumecs

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

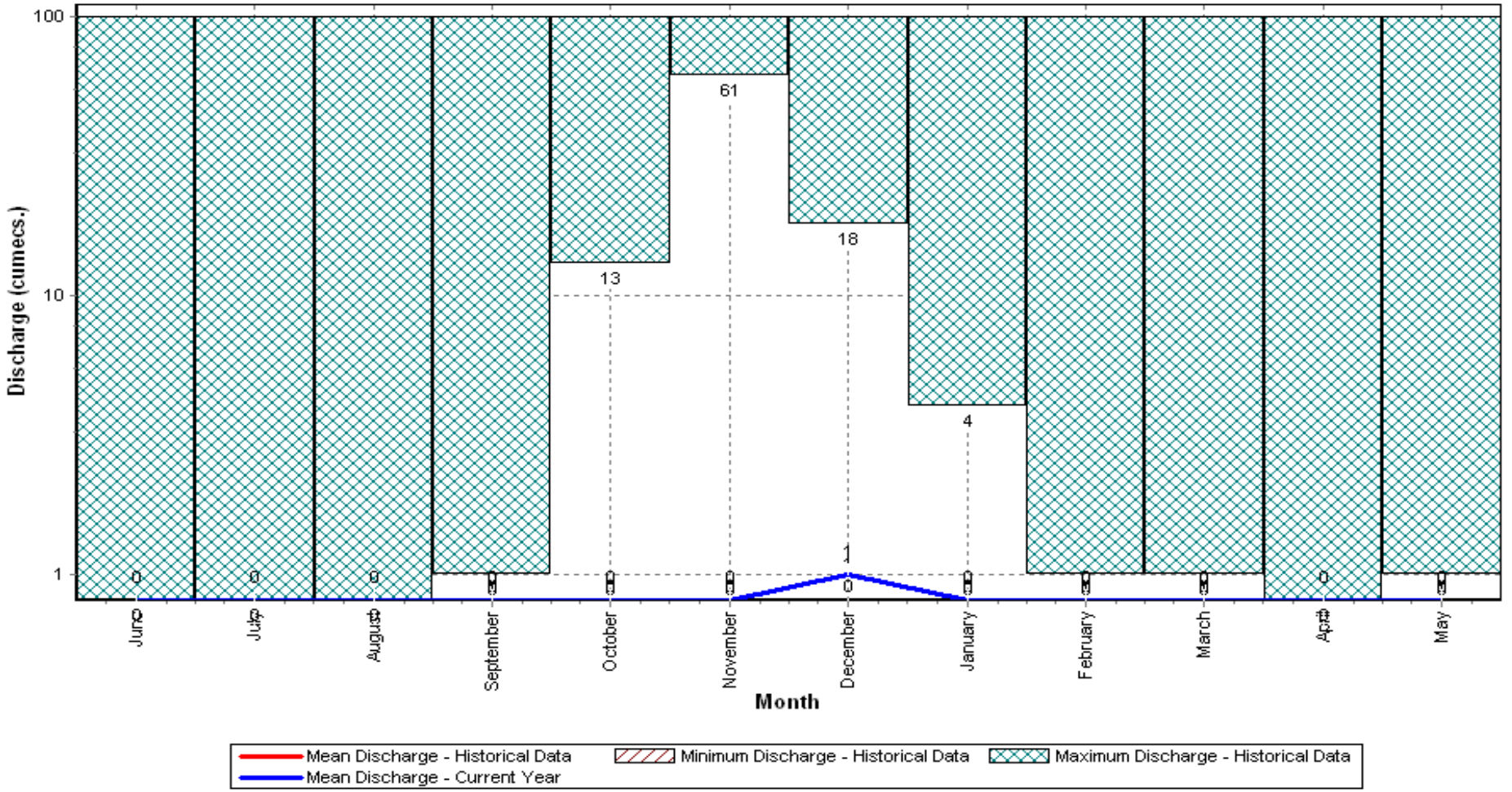
*:Computed Discharge

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : THOPPUR (CCJ00I2) | **Data considered : 2000-2016** | **Division : SR Division, Coimbatore**

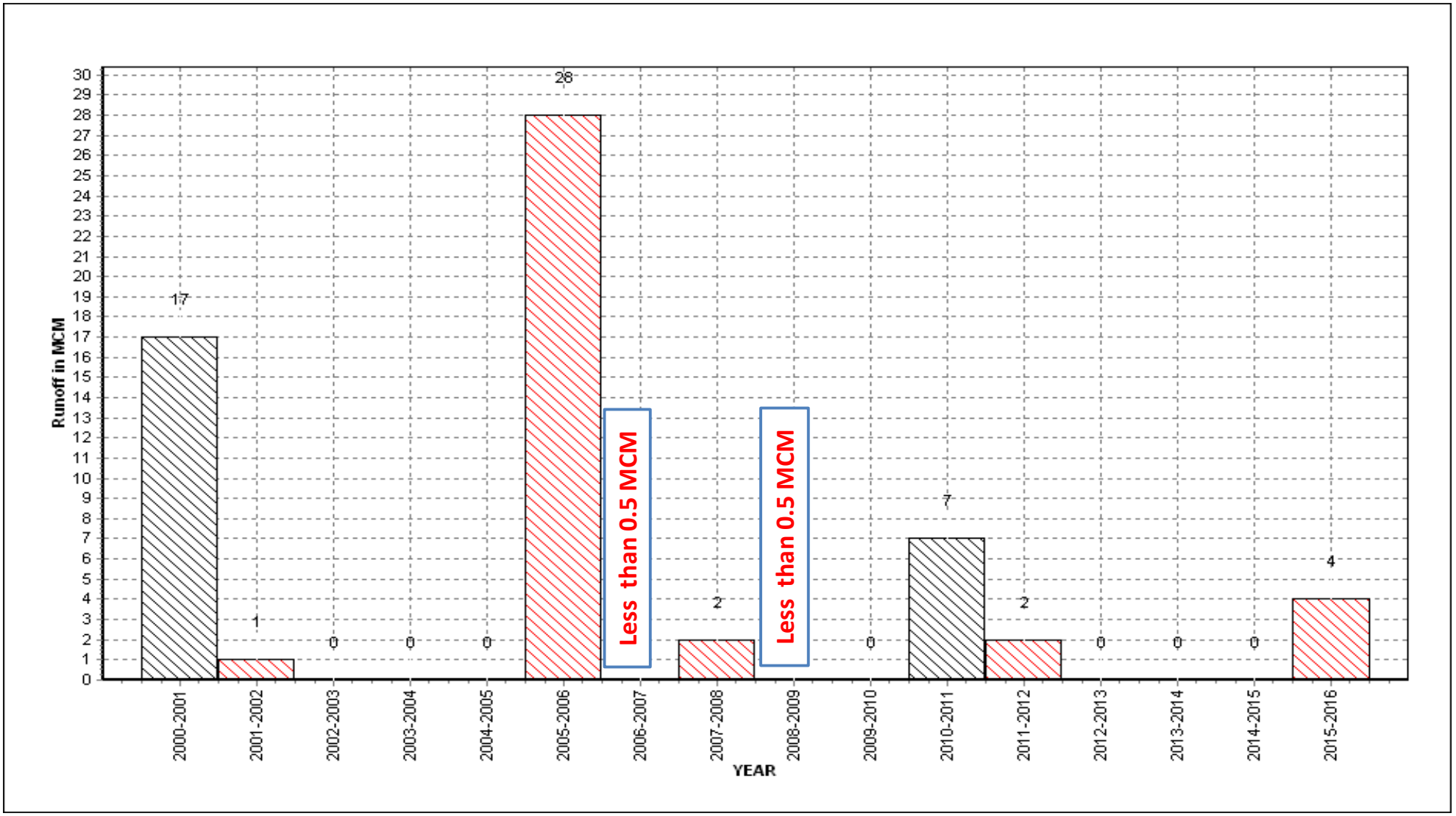
Local River : Thoppaiyar | **Sub-Division : Lower Cauvery SD, Trichi**



Annual Runoff Values for the period: 2000 - 2016

Station Name : THOPPUR (CCJ00I2)
Local River : Thoppaiyar

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



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

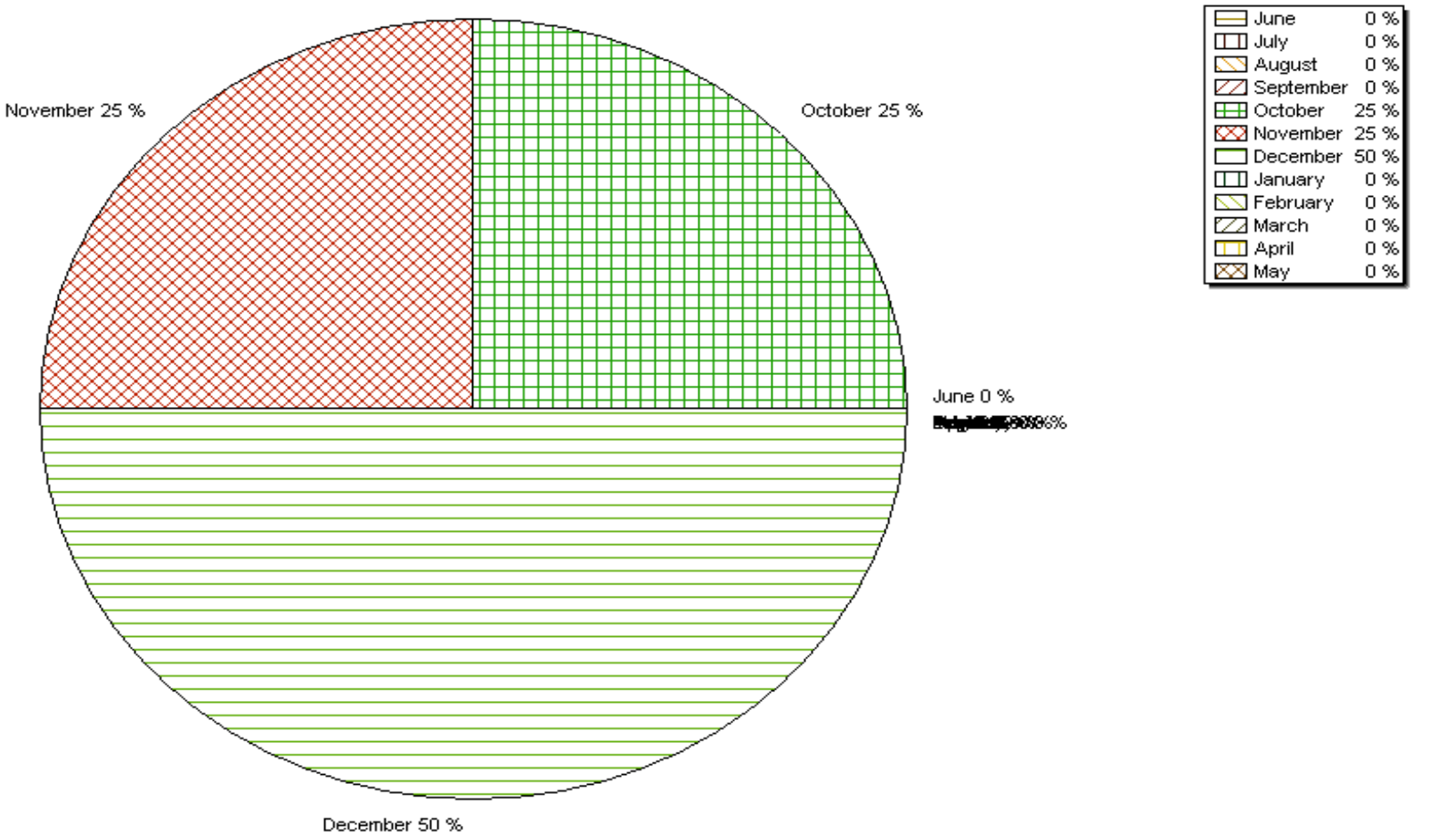
Monthly Average Runoff based on period : 2000-2015

Station Name : THOPPUR (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



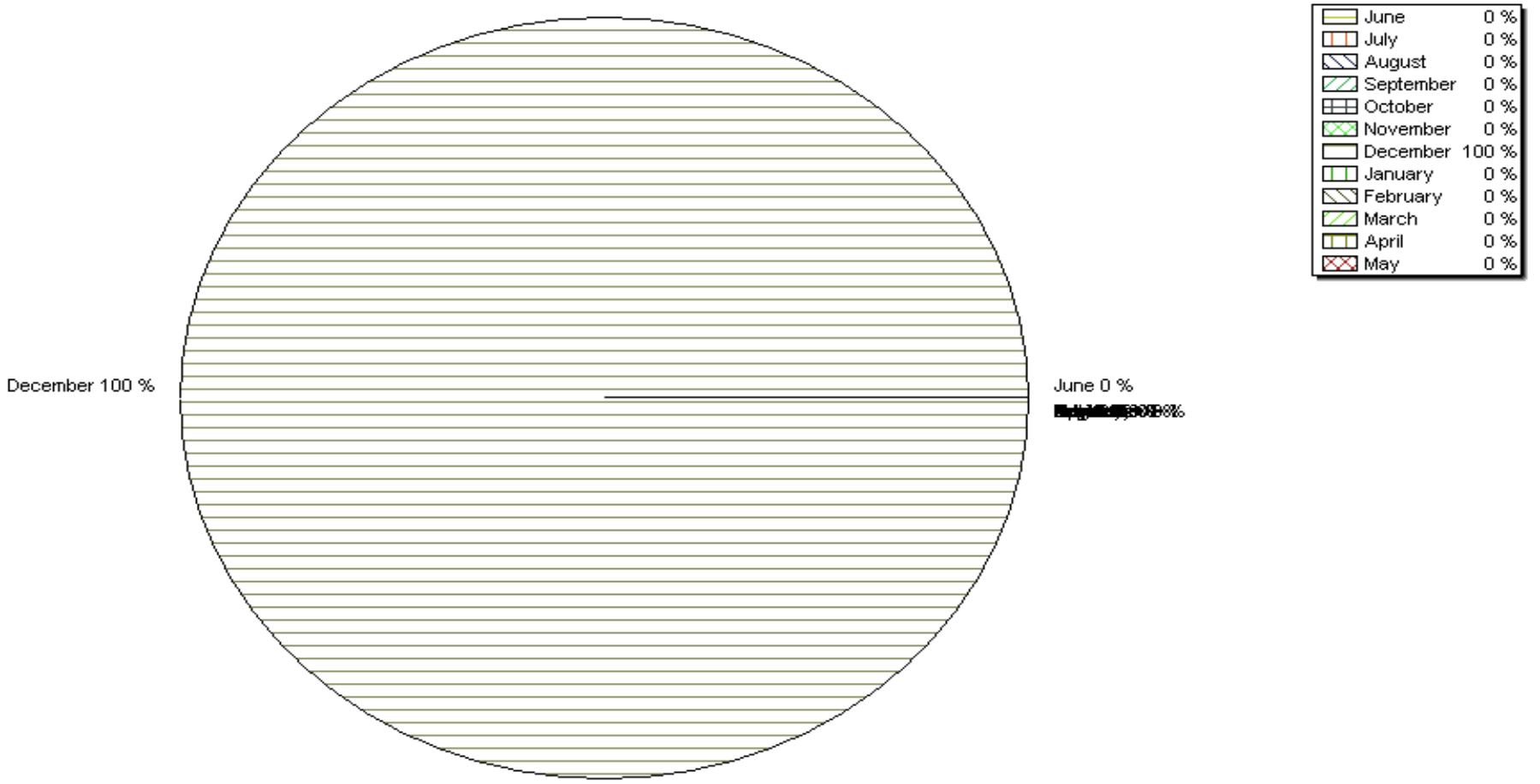
Monthly Runoff for the Year : 2015-2016

Station Name : THOPPUR (CCJ00I2)

Local River : Thoppaiyar

Division : SR Division, Coimbatore

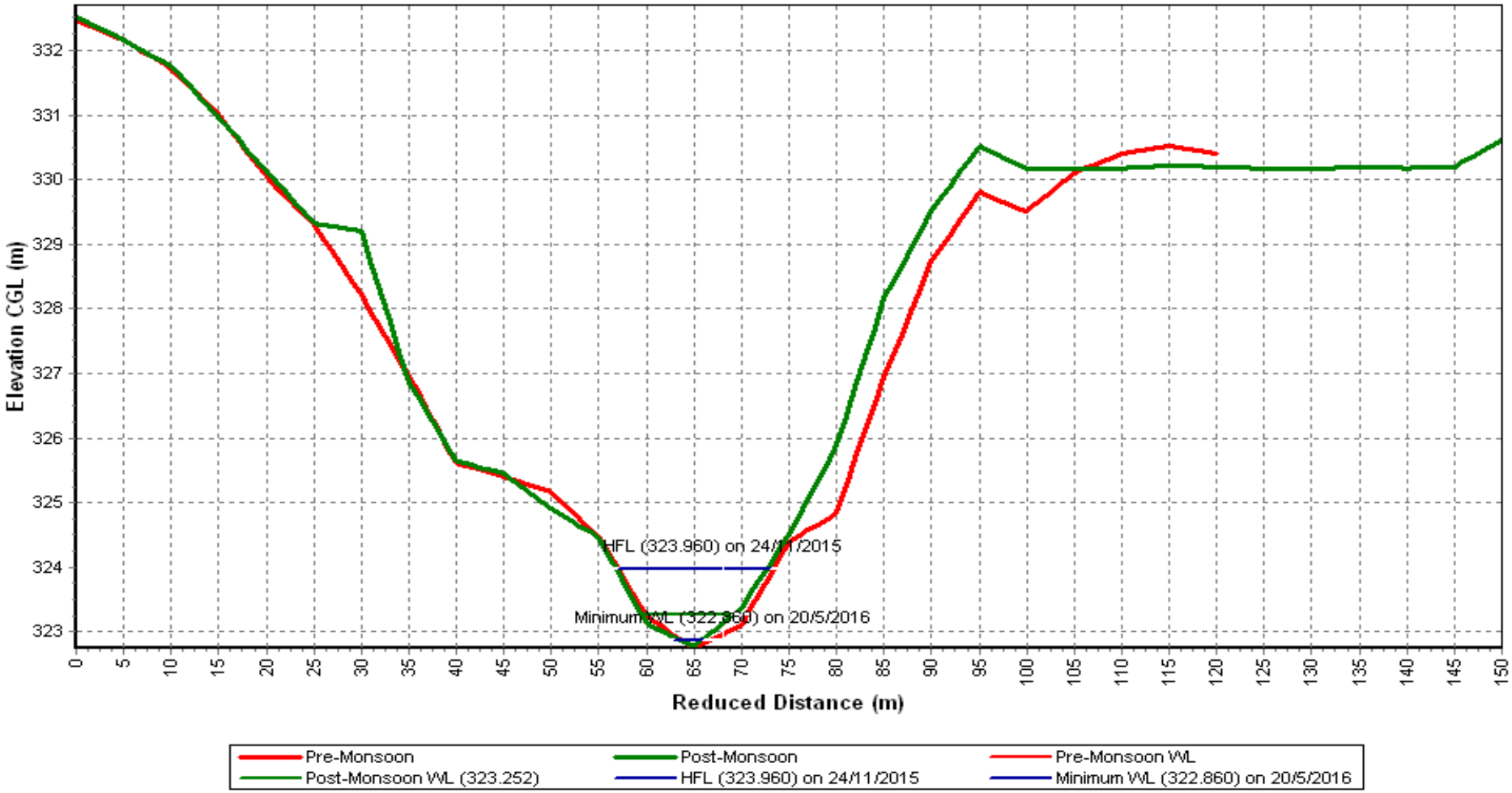
Sub-Division : Lower Cauvery SD, Trichi



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

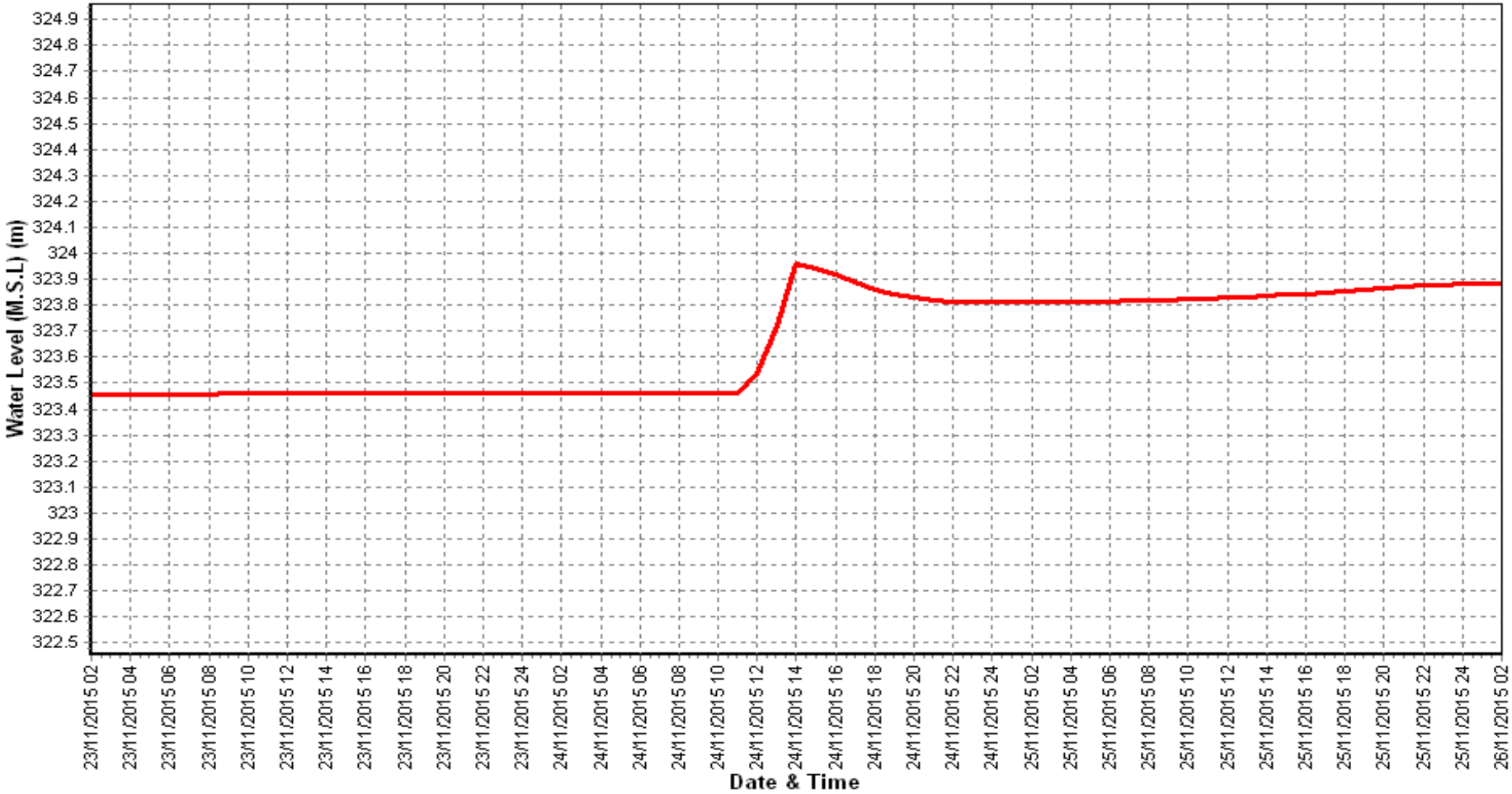
Local River : Thoppaiyar **Sub-Division : Lower Cauvery SD, Trichi**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

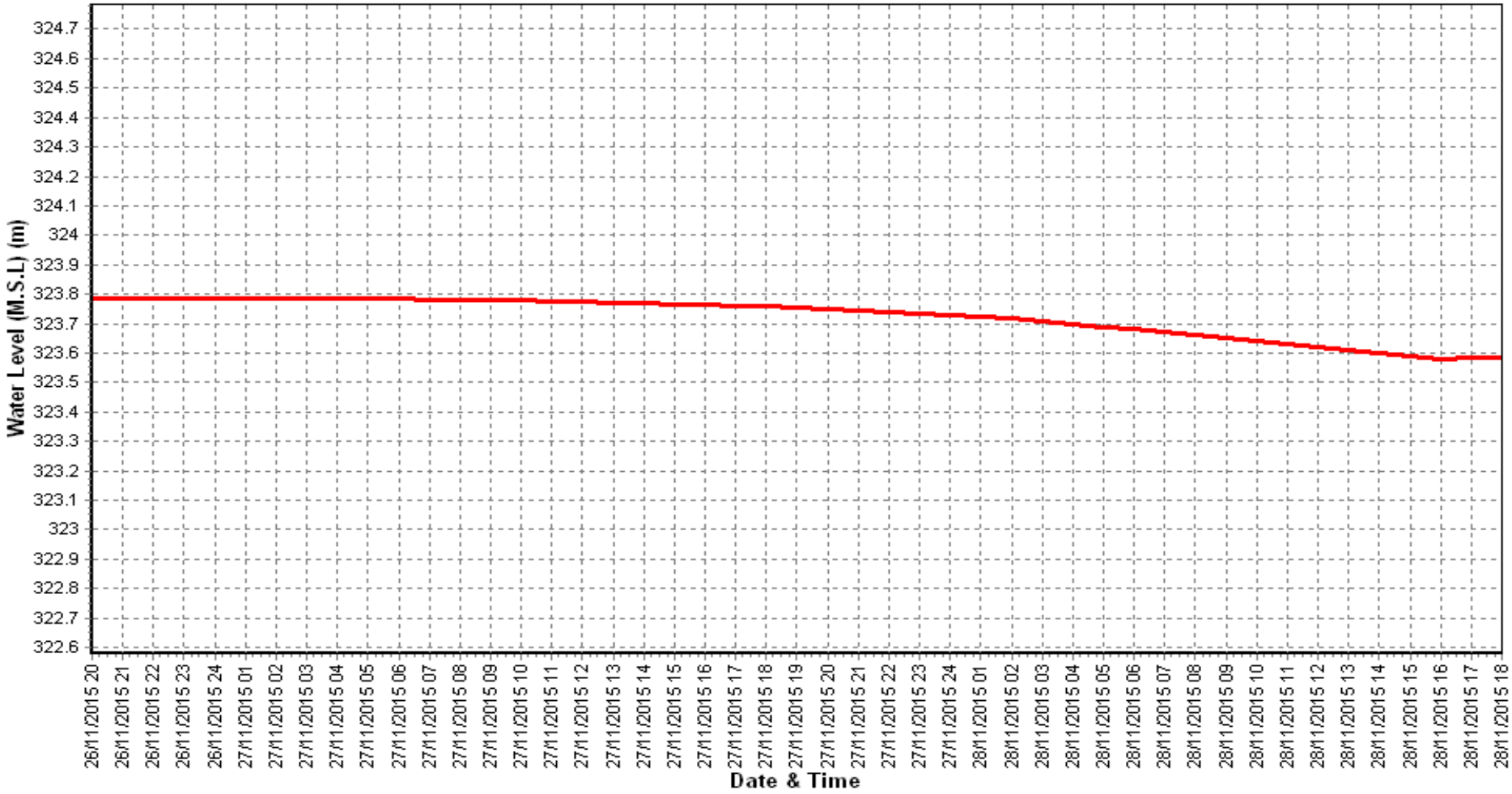


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

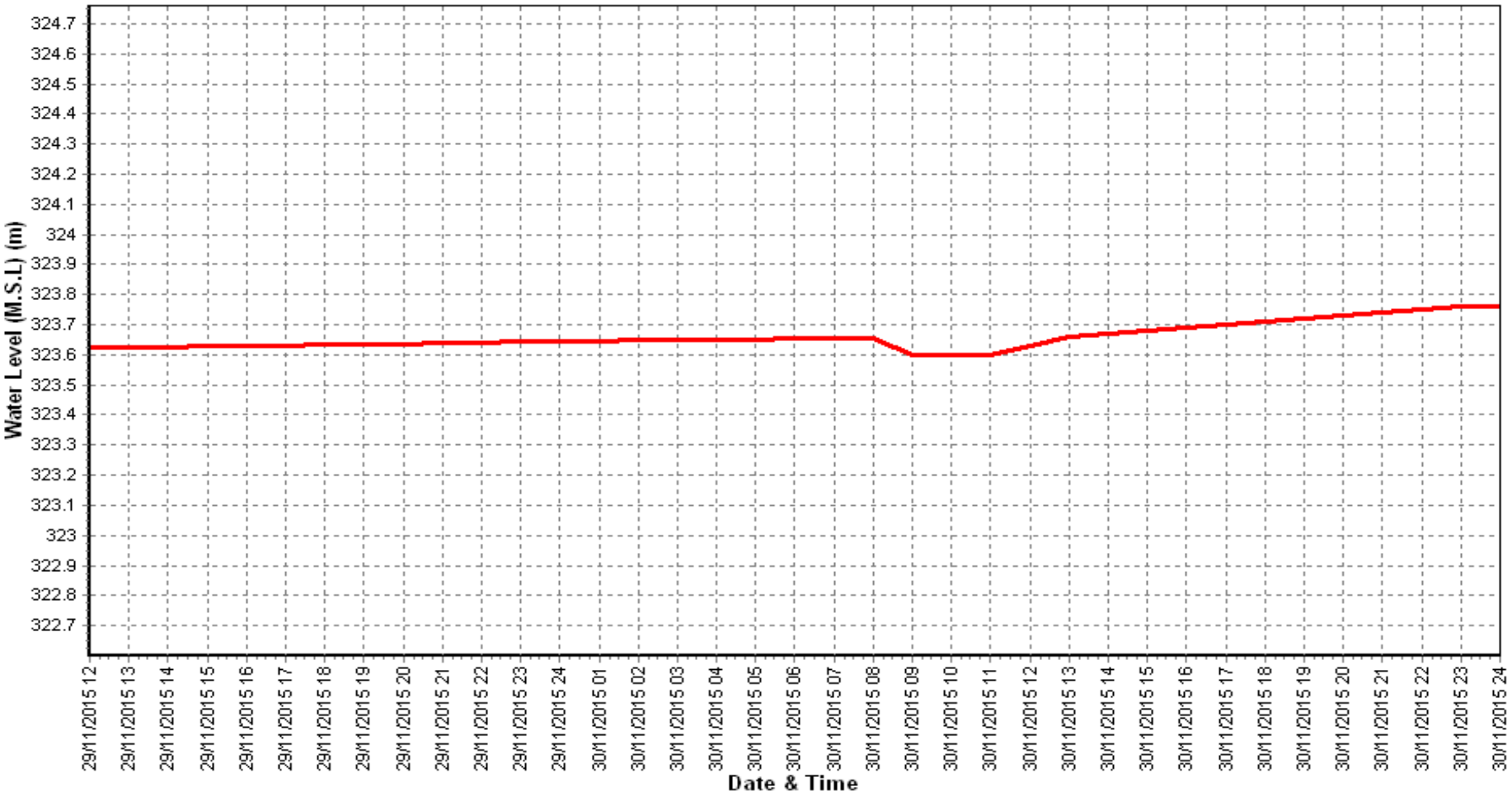


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	435.260	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.200	0.000	435.230	0.000
2	435.300	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.190	0.000	435.230	0.000
3	435.280	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.210	0.000	435.230	0.000
4	435.300	0.000	435.190	0.000	435.190	0.000	435.190	0.000	435.210	0.000	435.240	0.000
5	435.290	0.000	435.180	0.000	435.190	0.000	435.180	0.000	435.300	1.156	435.720	5.783
6	435.320	0.000	435.190	0.000	435.180	0.000	435.220	0.000	435.550	3.939	435.520	2.840
7	435.270	0.000	435.170	0.000	435.180	0.000	435.200	0.000	435.370	2.070	435.340	1.032 #
8	435.290	0.000	435.160	0.000	435.170	0.000	435.190	0.000	435.340	1.586	435.300	0.703 *
9	435.240	0.000	435.160	0.000	435.170	0.000	435.200	0.000	435.290	0.958	435.300	0.703 #
10	435.300	0.000	435.160	0.000	435.170	0.000	435.210	0.000	435.280	0.837	435.400	1.659 *
11	435.260	0.000		0.000	435.190	0.000	435.200	0.000	435.280	0.826 *	435.480	3.066
12	435.250	0.000		0.000	435.190	0.000	435.190	0.000	435.480	3.157	435.450	2.773
13	435.270	0.000		0.000	435.180	0.000	435.190	0.000	435.380	2.268	435.450	2.734
14	435.260	0.000		0.000	435.180	0.000	435.190	0.000	435.300	1.119	435.430	2.228
15	435.240	0.000	435.160	0.000	435.180	0.000	435.170	0.000	435.270	0.742	435.400	1.659 *
16	435.240	0.000	435.170	0.000	435.180	0.000	435.170	0.000	435.250	0.583	435.400	1.981
17	435.240	0.000	435.170	0.000	435.220	0.000		0.000	435.245	0.457	435.400	1.959
18	435.250	0.000	435.160	0.000	436.000	21.29		0.000	435.250	0.606 *	435.390	1.678
19	435.260	0.000	435.160	0.000	435.380	1.748		0.000	435.240	0.245	435.370	1.380
20	435.260	0.000	435.200	0.000	435.280	0.653		0.000	435.260	0.469	435.390	1.608
21	435.250	0.000	435.210	0.000	435.250	0.000		0.000	435.260	0.441 *	435.390	1.584
22	435.240	0.000	435.210	0.000	435.230	0.000		0.000	435.290	0.631 *	435.390	1.543 *
23	435.230	0.000	435.220	0.000	435.240	0.000		0.000	435.240	0.000	435.390	1.595
24	435.210	0.000	435.210	0.000	435.240	0.000 *		0.000	435.250	0.386 *	435.390	1.520
25	435.200	0.000	435.210	0.000	435.230	0.000		0.000	435.240	0.000	435.380	1.432 *
26	435.200	0.000	435.200	0.000	435.230	0.000		0.000	435.240	0.000	435.360	1.270
27	435.190	0.000	435.190	0.000	435.220	0.000		0.000	435.240	0.000	435.360	1.033
28	435.190	0.000	435.190	0.000	435.220	0.000		0.000	435.240	0.000	435.350	0.998
29	435.190	0.000	435.190	0.000	435.210	0.000	435.200	0.000	435.240	0.000	435.340	1.032 *
30	435.190	0.000	435.180	0.000	435.180	0.000	435.210	0.000	435.230	0.000	435.470	2.335
31			435.180	0.000	435.180	0.000			435.230	0.000		
Ten-Daily Mean												
I Ten-Daily	435.285	0.000	435.181	0.000	435.179	0.000	435.193	0.000	435.294	1.055	435.351	1.272
II Ten-Daily	435.253	0.000	435.170	0.000	435.298	2.369	435.185	0.000	435.296	1.047	435.416	2.106
III Ten-Daily	435.209	0.000	435.199	0.000	435.221	0.000	435.205	0.000	435.245	0.133	435.382	1.434
Monthly												
Min.	435.190	0.000	435.160	0.000	435.170	0.000	435.170	0.000	435.190	0.000	435.230	0.000
Max.	435.320	0.000	435.220	0.000	436.000	21.29	435.220	0.000	435.550	3.939	435.720	5.783
Mean	435.249	0	435.186	0	435.232	0.764	435.192	0	435.277	0.725	435.383	1.604

Annual Runoff in MCM = 12 Annual Runoff in mm = 16

Peak Observed Discharge = 21.29 cumecs on 18/08/2015 Corres. Water Level :436 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :435.26 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 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	435.430	2.052	435.260	0.000	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000
2	435.440	2.020	435.260	0.000	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000
3	435.580	3.714	435.260	0.000	435.230	0.000	435.200	0.000	435.180	0.000	435.170	0.000
4	435.450	2.183	435.250	0.000	435.230	0.000	435.200	0.000	435.180	0.000	435.170	0.000
5	435.410	2.198	435.250	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.170	0.000
6	435.400	1.778 *	435.250	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.170	0.000
7	435.410	2.137	435.250	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.180	0.000
8	435.400	2.089	435.250	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.180	0.000
9	435.400	1.634	435.260	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.230	0.000
10	435.390	1.624	435.260	0.000	435.230	0.000	435.190	0.000	435.180	0.000	435.200	0.000
11	435.370	1.708	435.260	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.190	0.000
12	435.360	1.568	435.260	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.190	0.000
13	435.360	1.317 *	435.250	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.190	0.000
14	435.350	1.386	435.250	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.190	0.000
15	435.340	1.257	435.250	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.190	0.000
16	435.340	1.201	435.250	0.000	435.220	0.000	435.180	0.000	435.180	0.000	435.180	0.000
17	435.340	1.079	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
18	435.330	0.938	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
19	435.330	0.921	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
20	435.330	1.010 *	435.240	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
21	435.290	0.716	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
22	435.290	0.633	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
23	435.290	0.679	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
24	435.290	0.656 *	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
25	435.290	0.656 *	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
26	435.290	0.619	435.250	0.000	435.210	0.000	435.180	0.000	435.180	0.000	435.180	0.000
27	435.280	0.577 *	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.180	0.000
28	435.280	0.583	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.180	0.000
29	435.280	0.605	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.180	0.000
30	435.280	0.470	435.240	0.000			435.180	0.000	435.180	0.000	435.180	0.000
31	435.280	0.467	435.240	0.000			435.180	0.000			435.180	0.000
Ten-Daily Mean												
I Ten-Daily	435.431	2.143	435.255	0.000	435.232	0.000	435.194	0.000	435.180	0.000	435.183	0.000
II Ten-Daily	435.345	1.239	435.251	0.000	435.216	0.000	435.180	0.000	435.180	0.000	435.185	0.000
III Ten-Daily	435.285	0.605	435.245	0.000	435.207	0.000	435.180	0.000	435.180	0.000	435.180	0.000
Monthly												
Min.	435.280	0.467	435.240	0.000	435.200	0.000	435.180	0.000	435.180	0.000	435.170	0.000
Max.	435.580	3.714	435.260	0.000	435.240	0.000	435.200	0.000	435.180	0.000	435.230	0.000
Mean	435.352	1.306	435.250	0	435.219	0	435.185	0	435.180	0	435.183	0

Peak Computed Discharge = 1.778 cumecs on 06/12/2015 Corres. Water Level :435.4 m

Lowest Computed Discharge = 0.000 cumecs on 24/08/2015 Corres. Water Level :435.24 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

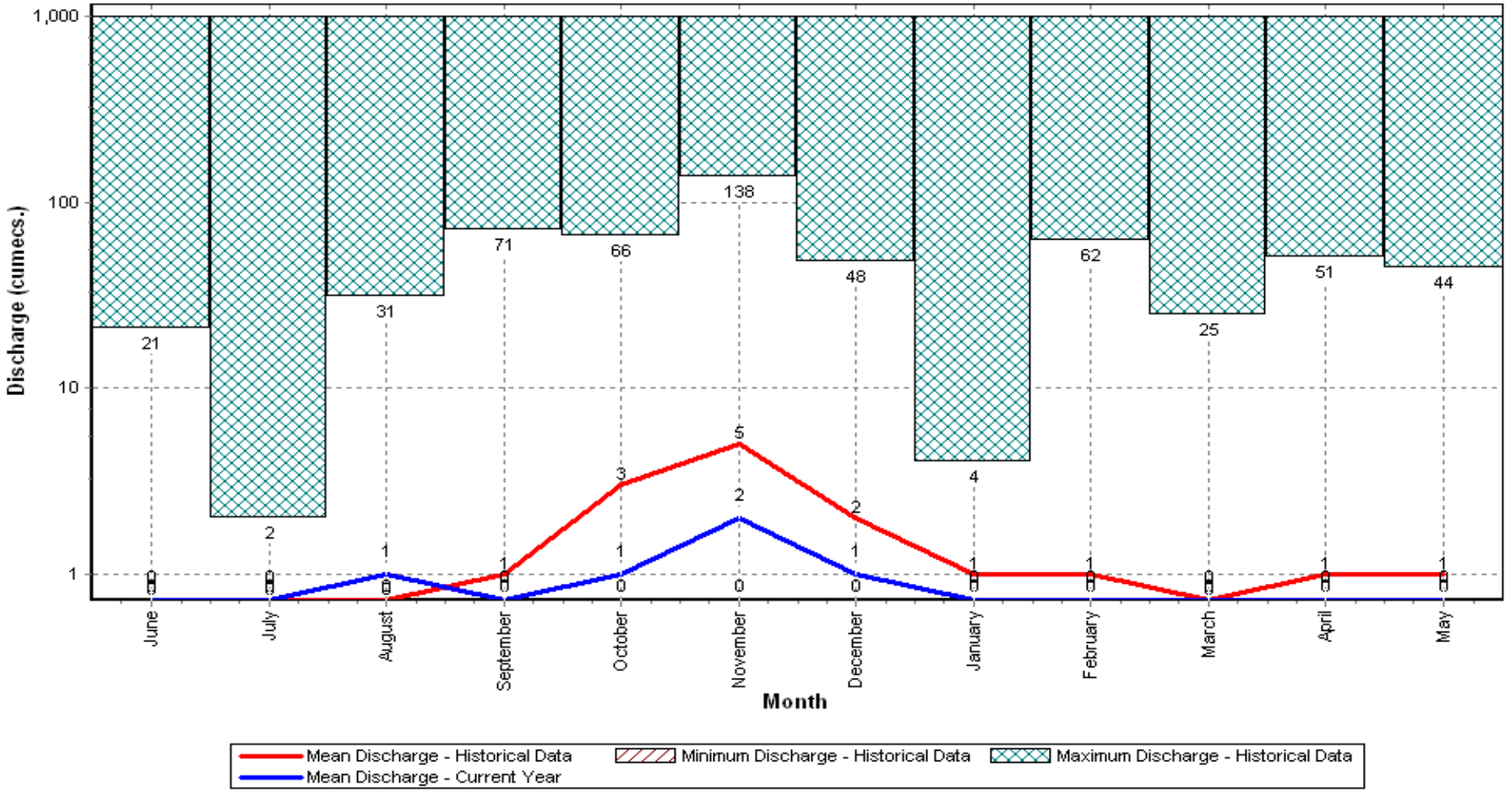
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : KUDLUR (CCK00L9) | **Data considered : 1999-2016** | **Division : SR Division, Coimbatore**

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



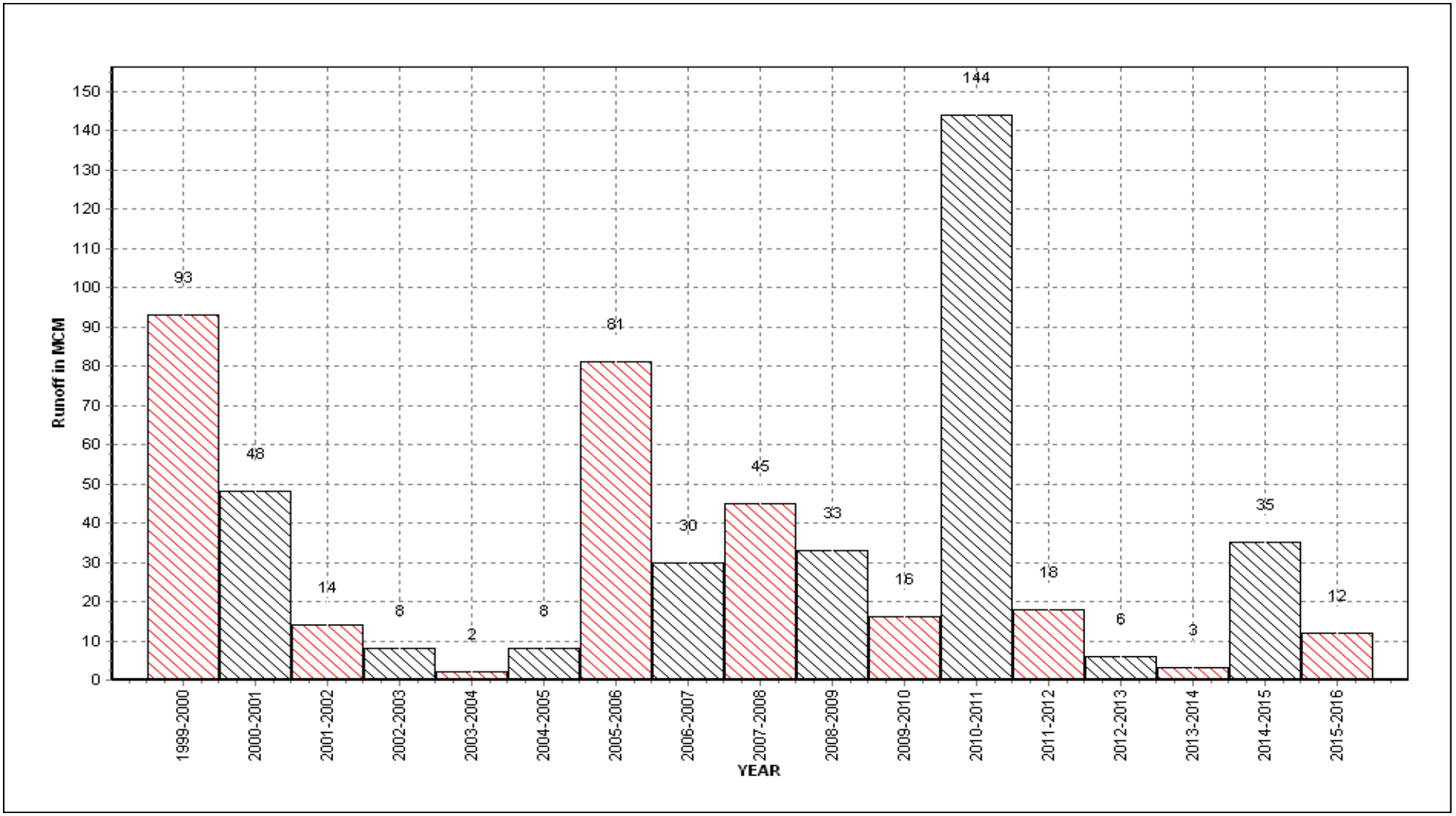
Annual Runoff Values for the period: 1999 - 2016

Station Name : KUDLUR (CCK00L9)

Division : SR Division, Coimbatore

Local River : Palar

Sub-Division : Middle Cauvery SD, Coimbatore



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

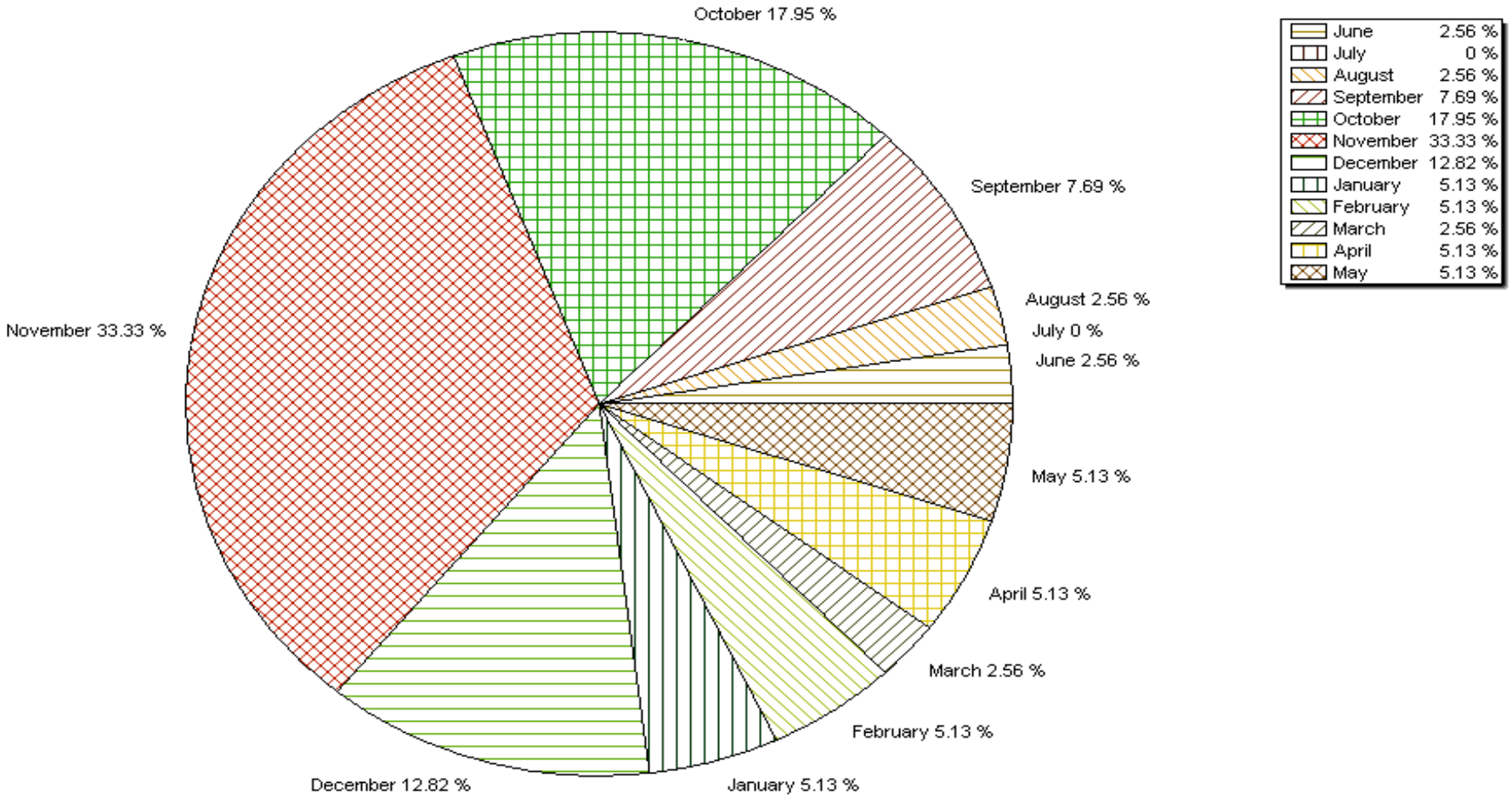
Monthly Average Runoff based on period : 1999-2015

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



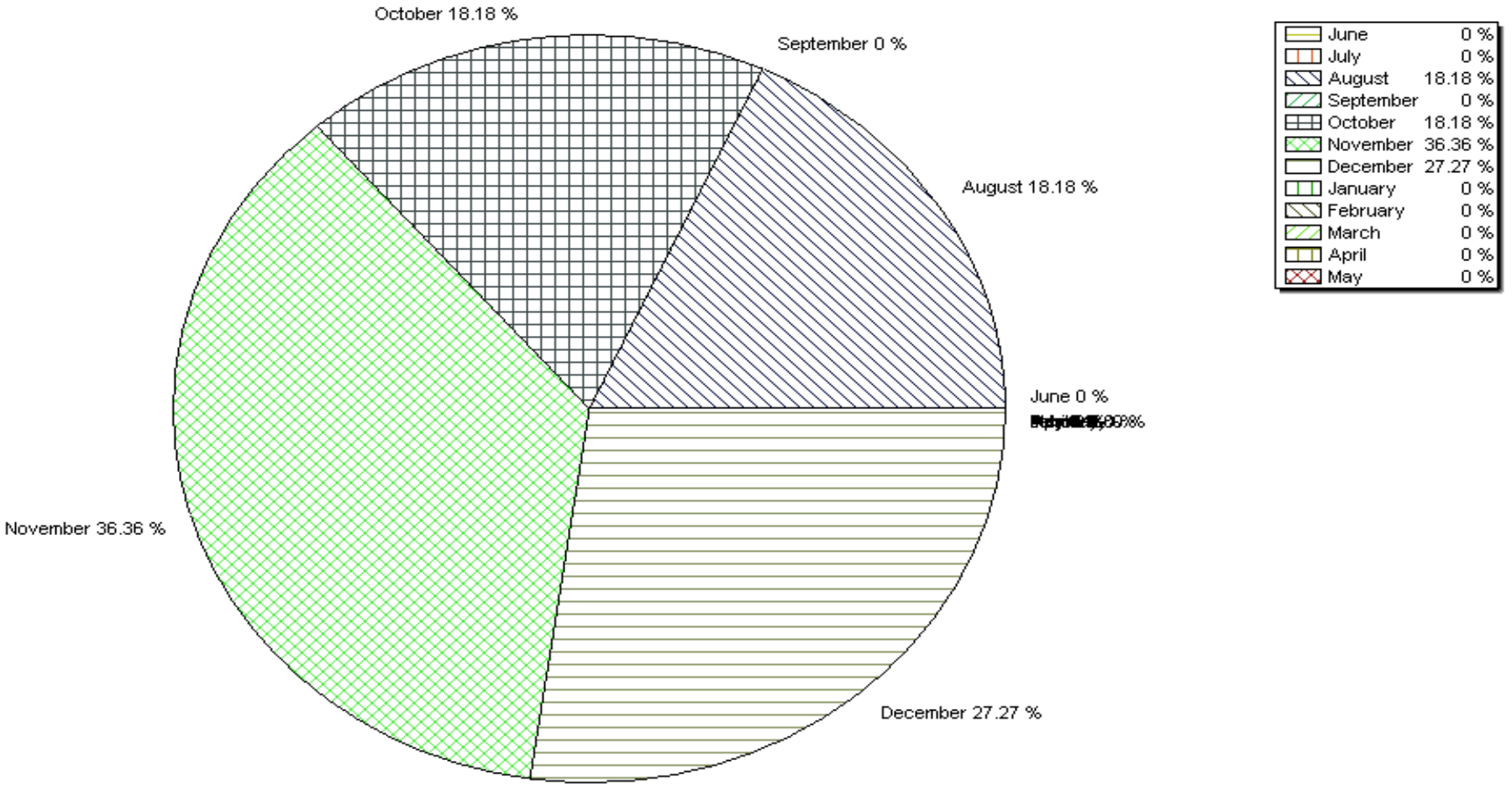
Monthly Runoff for the Year : 2015-2016

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



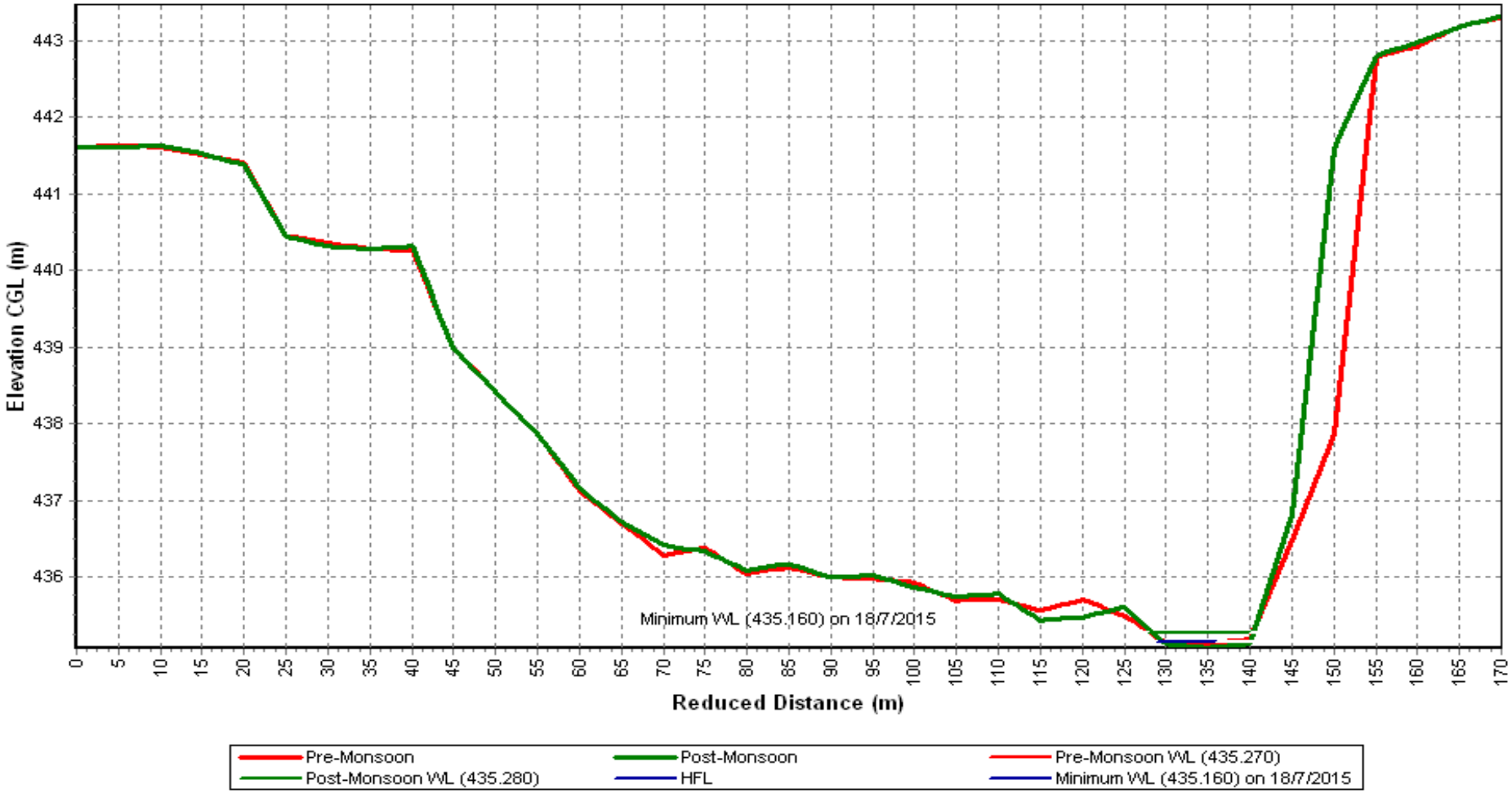
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	252.510	3.372		0.000
3		0.000		0.000		0.000		0.000	252.280	0.190 #	252.450	1.655
4		0.000		0.000		0.000		0.000	252.600	4.476 *	252.300	0.237
5		0.000		0.000		0.000		0.000	252.440	1.471	252.450	2.565
6		0.000		0.000		0.000		0.000	252.420	1.154	252.330	1.065 #
7		0.000		0.000		0.000		0.000	252.370	0.922	252.290	0.743
8		0.000		0.000		0.000		0.000	252.350	0.631 #	252.280	0.646 *
9		0.000		0.000		0.000		0.000	252.300	0.315	252.270	0.576 #
10		0.000		0.000		0.000		0.000	252.350	0.658	253.400	40.14 *
11		0.000		0.000		0.000		0.000	252.300	0.289 *	253.000	18.42 *
12		0.000		0.000		0.000		0.000	252.420	1.147	252.850	12.21
13		0.000		0.000		0.000		0.000	252.320	0.409 *	252.900	13.79
14		0.000		0.000		0.000		0.000	252.290	0.242	252.730	9.333
15		0.000		0.000		0.000		0.000	252.280	0.223	252.650	6.521 *
16		0.000		0.000		0.000		0.000	252.280	0.210	252.700	7.982
17		0.000		0.000		0.000		0.000	252.270	0.149 #	252.705	7.339
18		0.000		0.000		0.000		0.000	252.270	0.149 *	252.645	6.145
19		0.000		0.000		0.000		0.000	252.260	0.096	252.635	5.910
20		0.000		0.000		0.000		0.000	252.255	0.095	252.655	6.481
21		0.000		0.000		0.000		0.000	252.250	0.085	252.635	5.825
22		0.000		0.000		0.000		0.000	252.240	0.000	252.730	8.676 *
23		0.000		0.000		0.000		0.000	252.240	0.000	252.750	10.56
24		0.000		0.000		0.000		0.000		0.000	252.745	10.47
25		0.000		0.000		0.000		0.000		0.000	252.745	10.35
26		0.000		0.000		0.000		0.000		0.000	252.705	7.784
27		0.000		0.000		0.000		0.000		0.000	252.680	6.818
28		0.000		0.000		0.000	252.220	0.019 #		0.000	252.660	6.517
29		0.000		0.000		0.000		0.000		0.000	252.645	6.397 *
30		0.000		0.000		0.000		0.000		0.000	252.675	6.527
31				0.000		0.000				0.000		
Ten-Daily Mean												
I Ten-Daily		0.000		0.000		0.000		0.000	252.402	1.319	252.471	4.763
II Ten-Daily		0.000		0.000		0.000		0.000	252.294	0.301	252.747	9.413
III Ten-Daily		0.000		0.000		0.000	252.220	0.002	252.243	0.008	252.697	7.993
Monthly												
Min.		0.000		0.000		0.000	252.220	0.000	252.240	0.000	252.270	0.000
Max.		0.000		0.000		0.000	252.220	0.019	252.600	4.476	253.400	40.14
Mean		0		0		0	252.220	0.001	252.332	0.525	252.650	7.389

Annual Runoff in MCM = 34 Annual Runoff in mm = 21

Peak Observed Discharge = 13.79 cumecs on 13/11/2015 Corres. Water Level :252.9 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015

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 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	252.775	11.61	252.465	1.494 #	252.380	0.497		0.000		0.000		0.000
2	252.670	6.264	252.465	1.176	252.380	0.479		0.000		0.000		0.000
3	252.710	6.264	252.460	1.414 *	252.370	0.328		0.000		0.000		0.000
4	252.690	7.081	252.450	0.953	252.380	0.345		0.000		0.000		0.000
5	252.670	6.263	252.440	0.919	252.380	0.331		0.000		0.000		0.000
6	252.665	6.320 *	252.430	0.880	252.375	0.310		0.000		0.000		0.000
7	252.635	5.965	252.430	0.884	252.360	0.251 *		0.000		0.000		0.000
8	252.610	5.628	252.420	0.761	252.360	0.305		0.000		0.000		0.000
9	252.625	5.821	252.420	0.747	252.360	0.300		0.000		0.000		0.000
10	252.600	4.658	252.420	0.845 *	252.355	0.190		0.000		0.000		0.000
11	252.600	4.554	252.410	0.705	252.350	0.159		0.000		0.000		0.000
12	252.605	4.726	252.410	0.703	252.345	0.153		0.000		0.000		0.000
13	252.590	4.152 *	252.415	0.720	252.345	0.146		0.000		0.000		0.000
14	252.570	3.287	252.410	0.694	252.340	0.127 *		0.000		0.000		0.000
15	252.580	3.747	252.410	0.724 *	252.340	0.128		0.000		0.000		0.000
16	252.570	3.645	252.400	0.680	252.340	0.117		0.000		0.000		0.000
17	252.560	3.531	252.400	0.611 *	252.335	0.112		0.000		0.000		0.000
18	252.550	3.401	252.400	0.678	252.340	0.115		0.000		0.000		0.000
19	252.540	3.177	252.395	0.594	252.330	0.103		0.000		0.000		0.000
20	252.530	2.724 *	252.395	0.585	252.330	0.096		0.000		0.000		0.000
21	252.530	3.051	252.400	0.602	252.330	0.079 *		0.000		0.000		0.000
22	252.510	2.288	252.395	0.569	252.330	0.101		0.000		0.000		0.000
23	252.510	2.259	252.395	0.573	252.325	0.057		0.000		0.000		0.000
24	252.520	2.513 *	252.390	0.508 *	252.330	0.067		0.000		0.000		0.000
25	252.490	1.927 *	252.390	0.548	252.325	0.064		0.000		0.000		0.000
26	252.480	2.044	252.390	0.508 *	252.325	0.053		0.000		0.000		0.000
27	252.490	1.927 *	252.390	0.536	252.320	0.000		0.000		0.000		0.000
28	252.480	2.047	252.390	0.516	252.310	0.000		0.000		0.000		0.000
29	252.470	1.654	252.400	0.558	252.310	0.000		0.000		0.000		0.000
30	252.470	1.575	252.400	0.544				0.000		0.000		0.000
31	252.470	1.643	252.400	0.611 *				0.000				0.000
Ten-Daily Mean												
I Ten-Daily	252.665	6.587	252.440	1.007	252.370	0.334		0.000		0.000		0.000
II Ten-Daily	252.570	3.694	252.405	0.670	252.340	0.125		0.000		0.000		0.000
III Ten-Daily	252.493	2.084	252.395	0.552	252.323	0.047		0.000		0.000		0.000
Monthly												
Min.	252.470	1.575	252.390	0.508	252.310	0.000		0.000		0.000		0.000
Max.	252.775	11.61	252.465	1.494	252.380	0.497		0.000		0.000		0.000
Mean	252.573	4.056	252.412	0.737	252.345	0.173		0		0		0

Peak Computed Discharge = 40.14 cumecs on 10/11/2015 **Corres. Water Level :253.4 m**

Lowest Computed Discharge = 0.079 cumecs on 21/02/2016 **Corres. Water Level :252.33 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

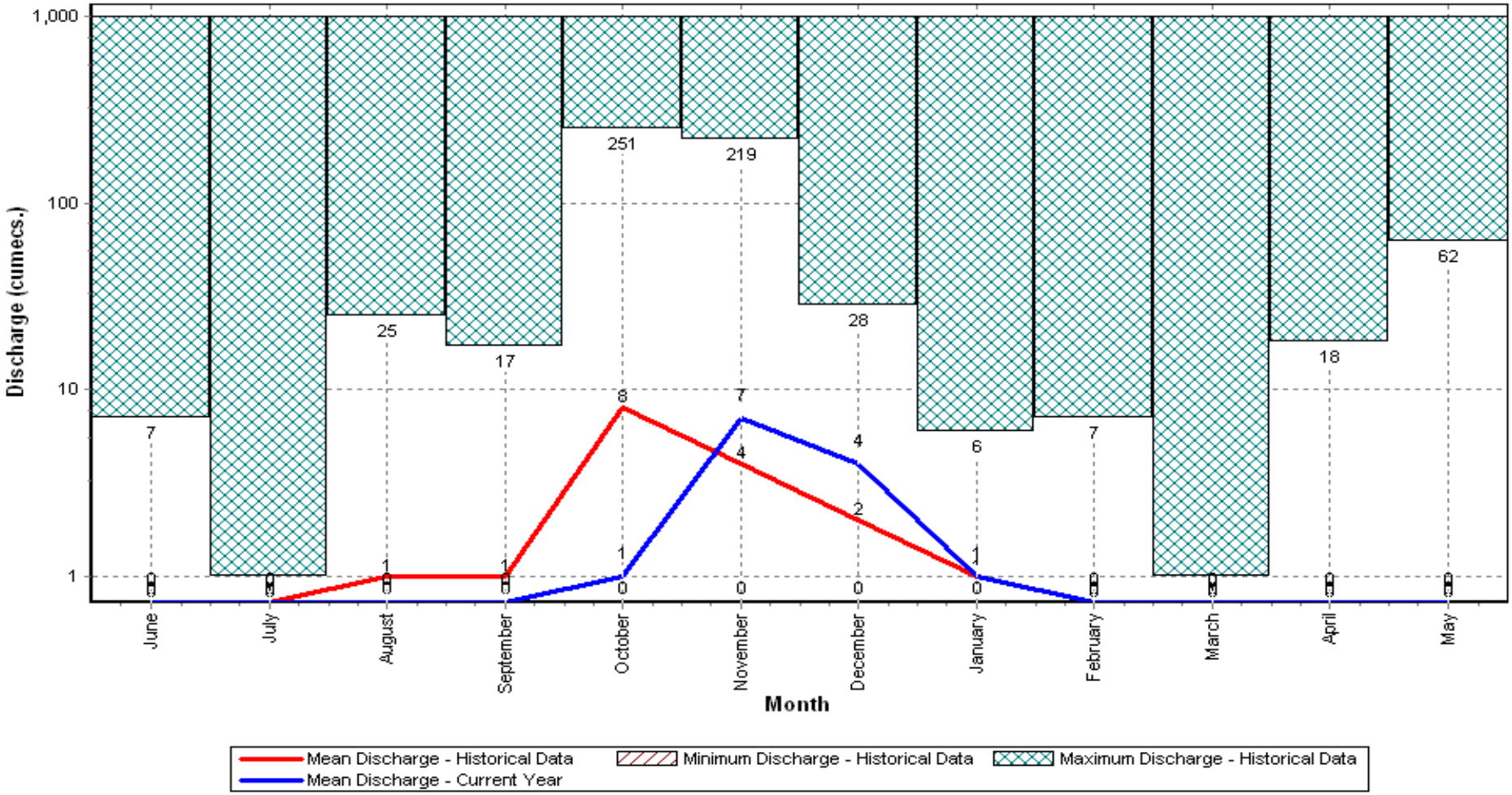
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Hogenakkal (CCS00A9) | **Data considered : 1997-2016** | **Division : Cauvery Division, Bangalore**

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



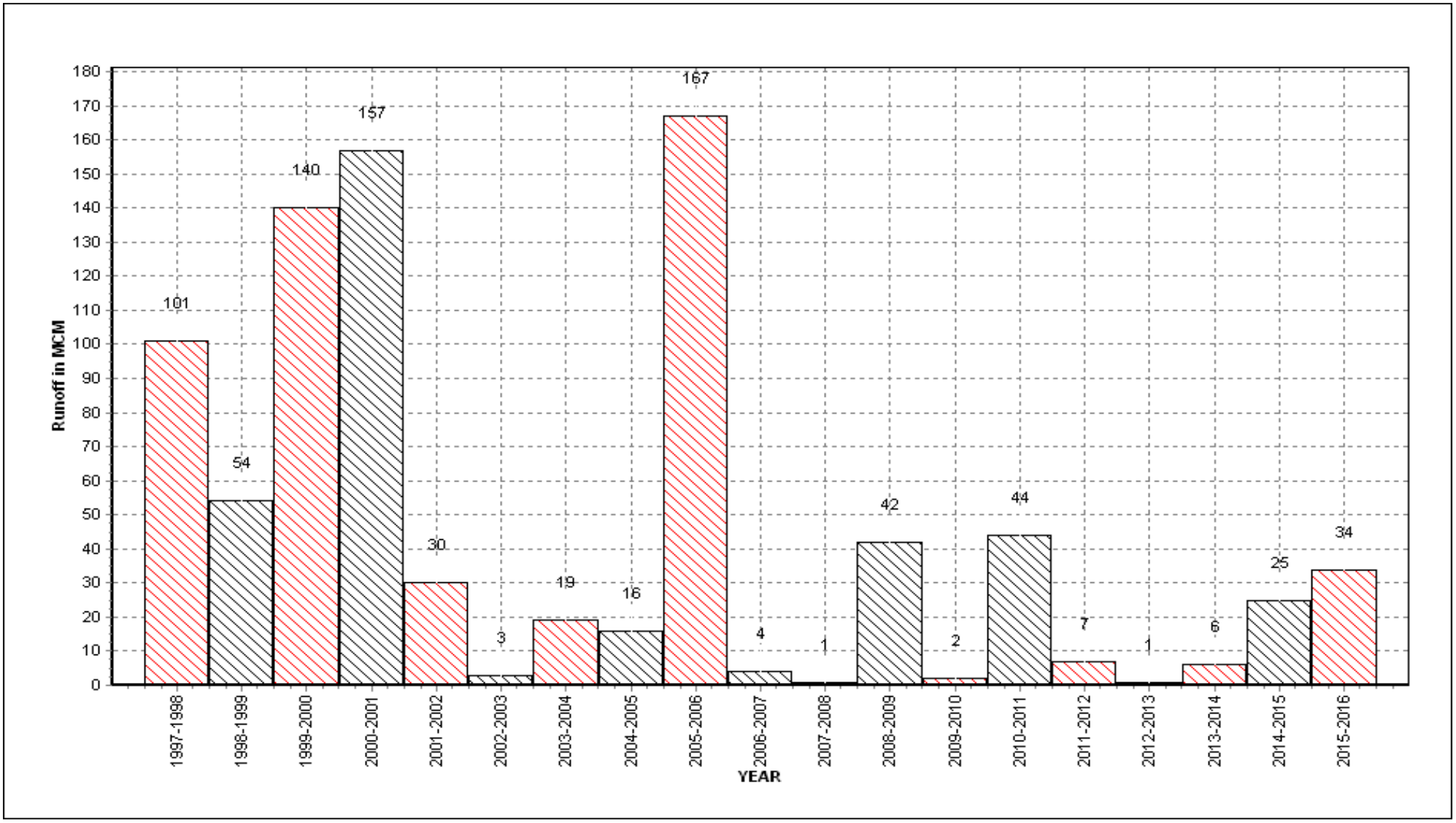
Annual Runoff Values for the period: 1997 - 2016

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

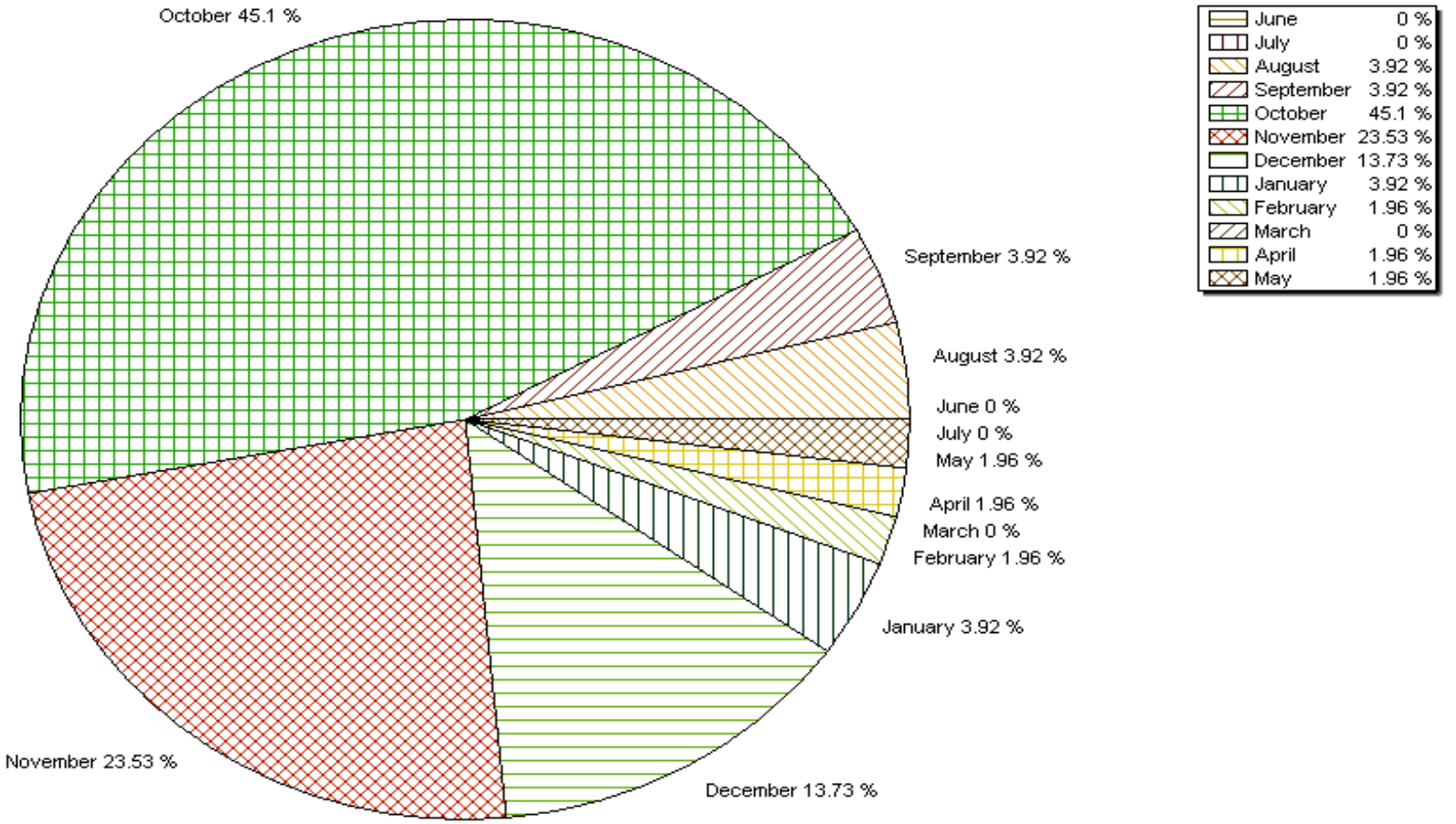
Monthly Average Runoff based on period : 1997-2015

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



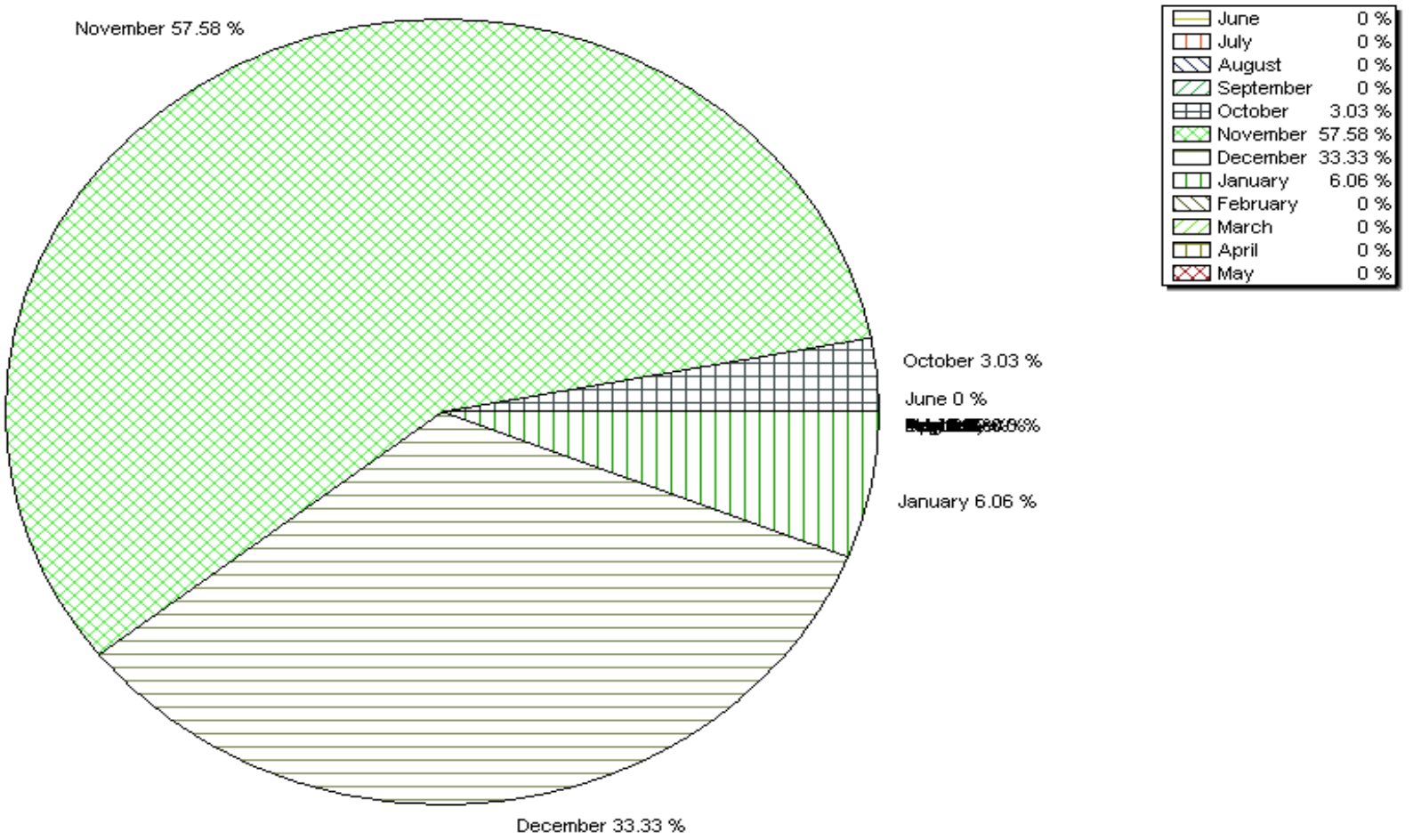
Monthly Runoff for the Year : 2015-2016

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



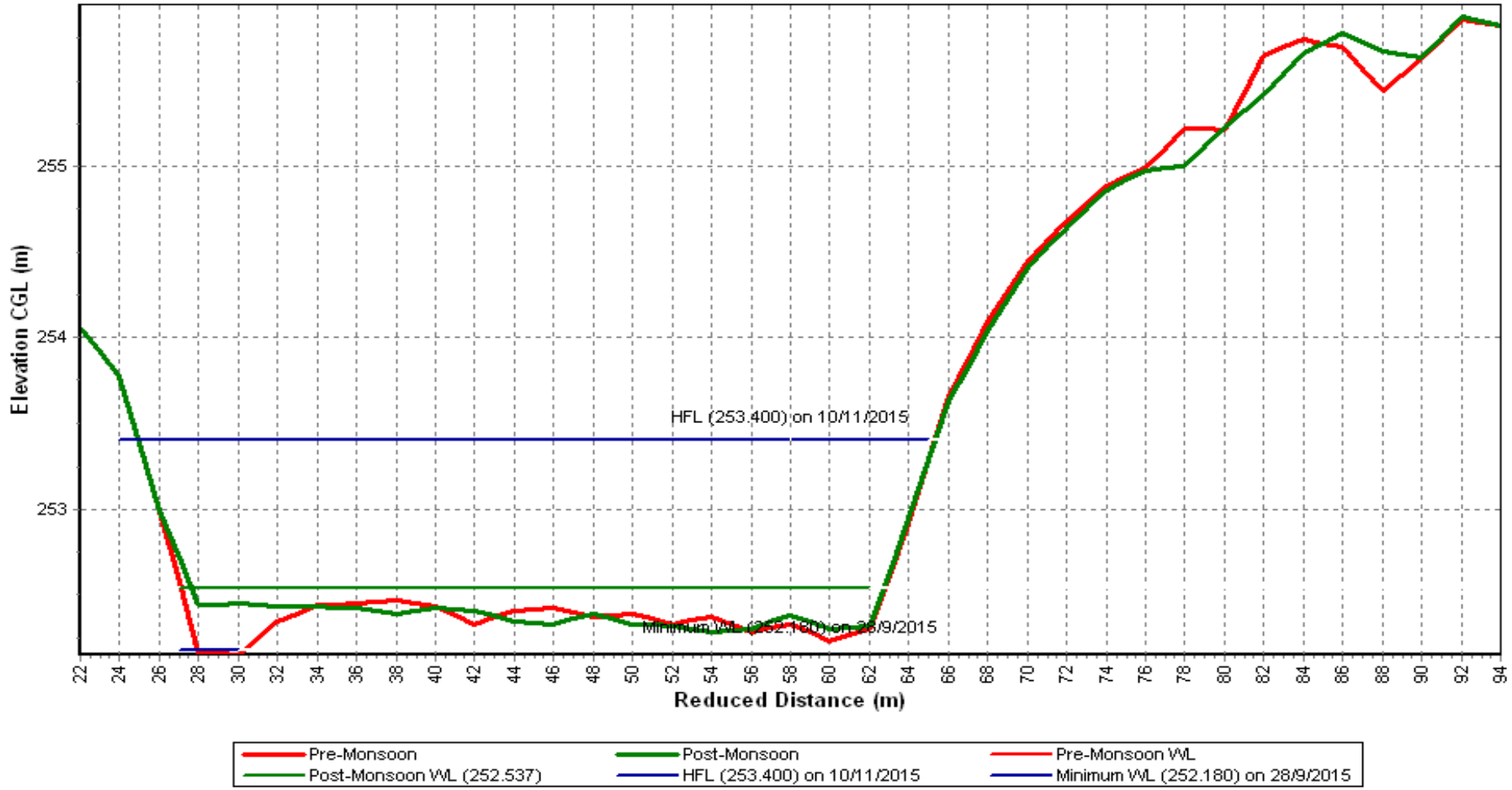
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Hogenakkal (CCS00A9)

Local River : Chinnar

Division : Cauvery Division, Bangalore

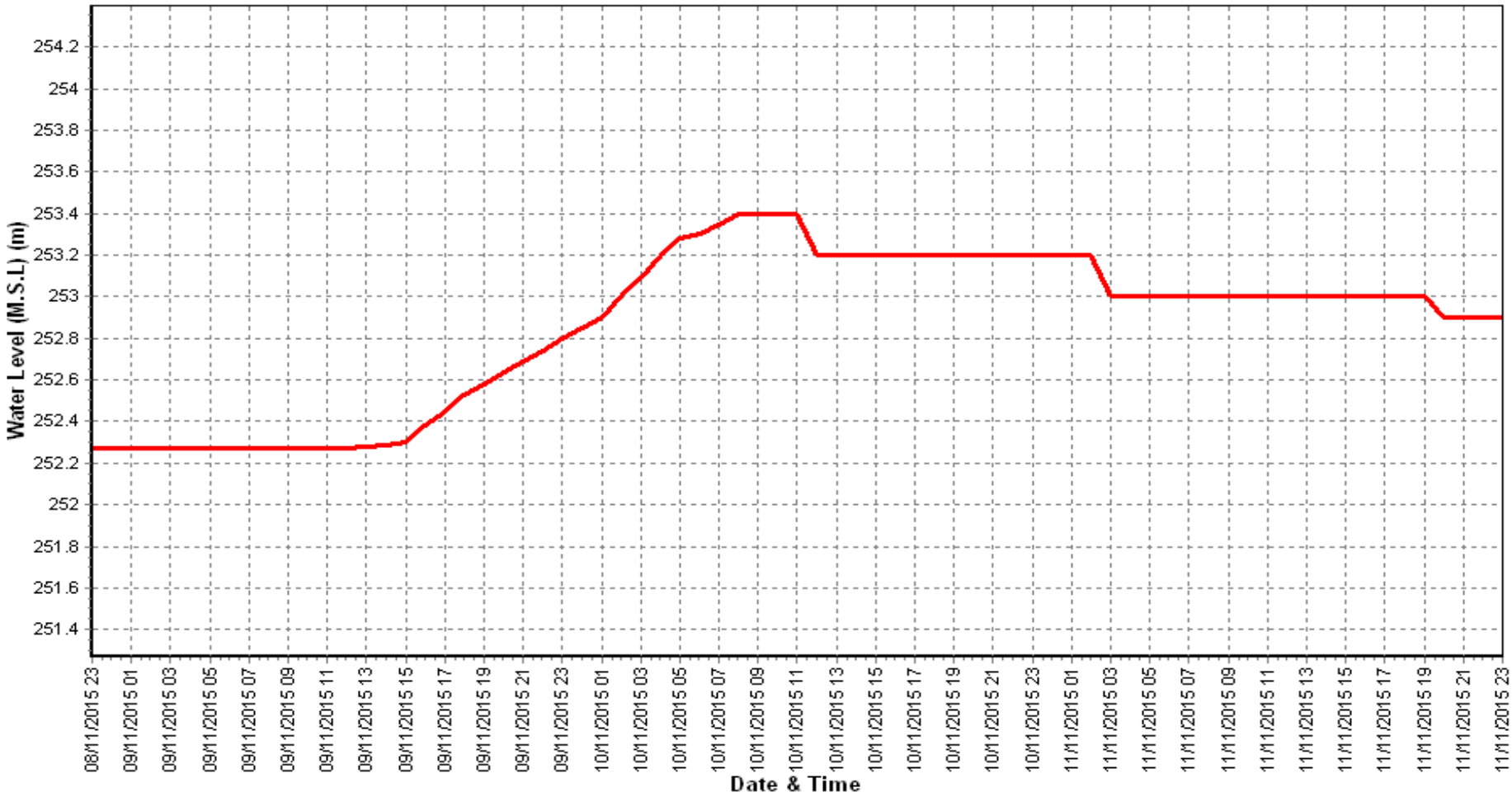
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

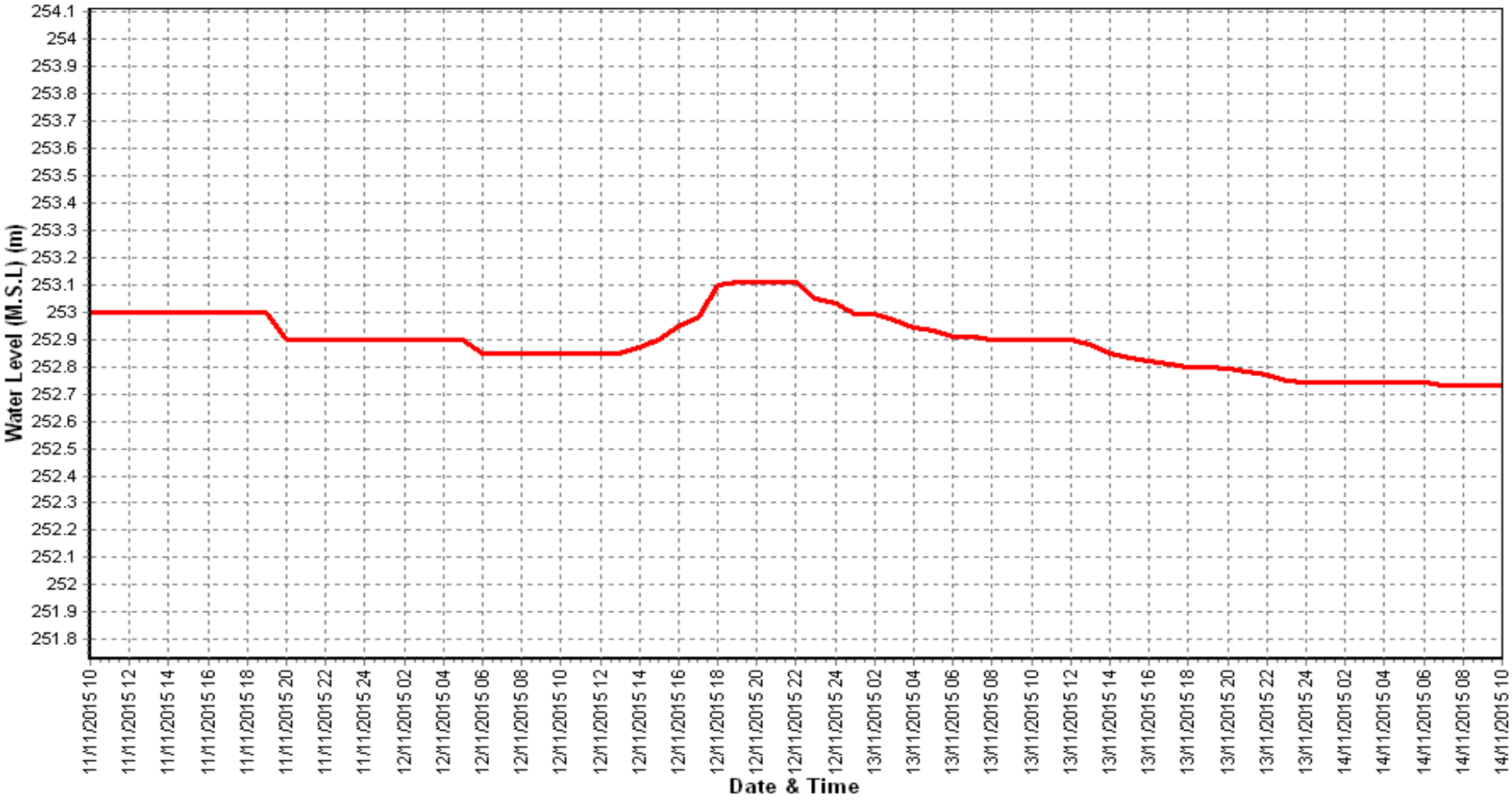


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

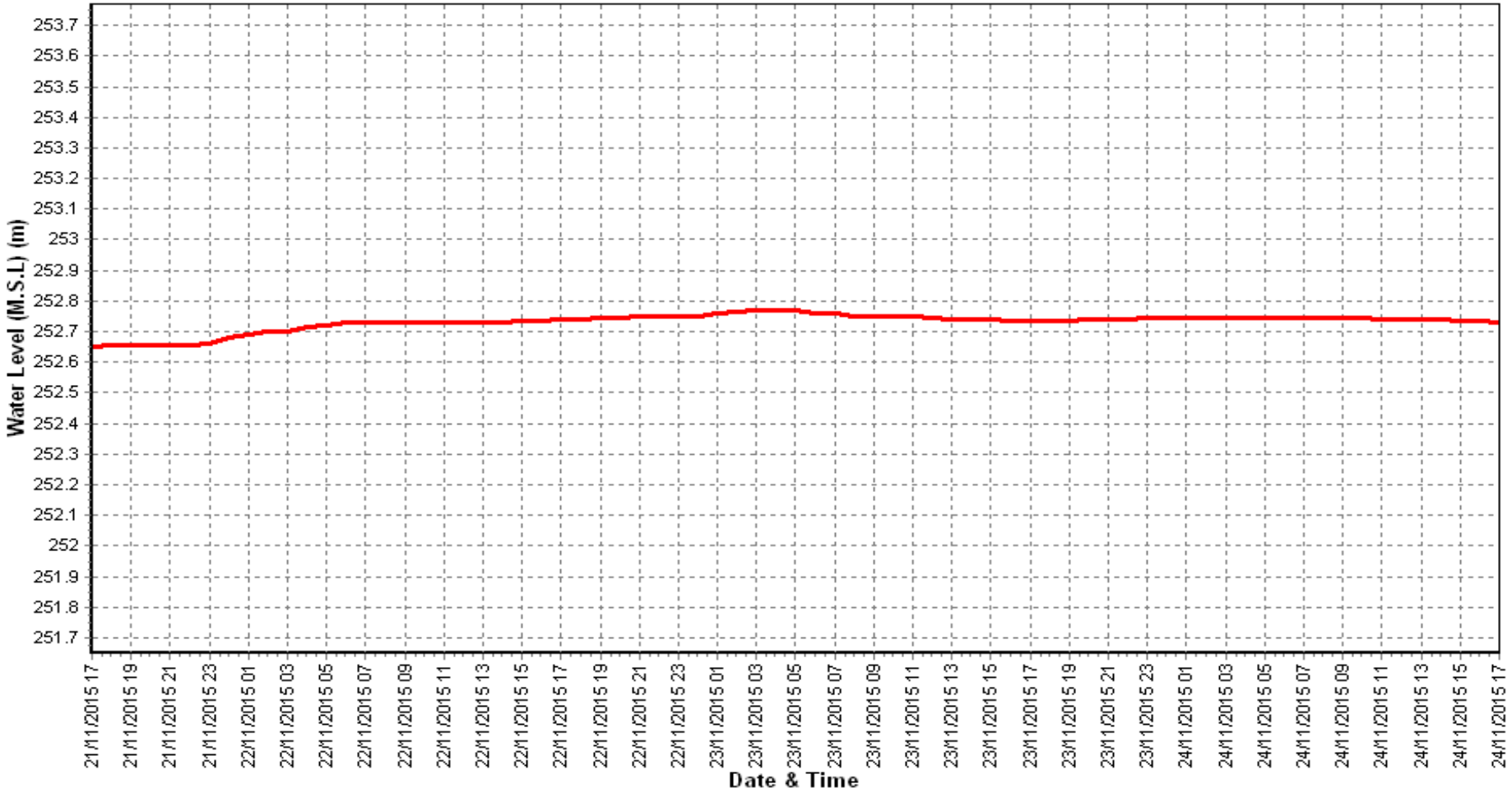


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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
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**
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

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

Stage-Discharge Data for the period 2015 - 2016

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	258.400	135.8	259.570	572.8	258.850	286.1	258.690	228.3	258.900	297.7	258.550	177.6 *
2	258.400	135.4	258.975	362.5	258.540	174.7 *	258.550	171.4	258.740	236.9 *	258.485	149.0
3	258.650	209.7	258.760	242.5	258.400	136.1	258.490	150.7	258.840	278.0	259.155	402.0
4	258.500	158.2	258.575	180.9	258.400	136.2	258.450	140.3	258.740	236.9 *	259.165	407.8
5	258.380	133.0	258.560	180.5 *	258.315	110.3	258.405	134.4	258.650	207.1	260.120	868.8
6	258.620	205.6	258.400	135.4	258.250	87.63	258.500	163.2 *	259.310	443.8	260.400	1061
7	258.500	163.2 *	258.295	106.1	258.220	83.49	258.325	109.6	259.690	625.1 *	259.670	618.9
8	258.270	93.35	258.310	108.5	258.250	90.64	258.640	204.4	259.150	416.3	258.780	250.3 *
9	258.150	78.01	258.300	106.7	258.200	88.30 *	258.730	241.3	258.685	225.1	258.670	217.2
10	258.070	64.19	258.330	113.1	258.180	80.09	258.525	164.5	258.490	150.3	258.980	366.8
11	258.020	54.31	258.270	93.21	258.150	76.26	258.405	133.5	258.360	125.8 *	259.480	534.1 *
12	258.020	50.67	258.440	146.7 *	258.140	74.25	258.430	137.2	258.480	147.3	259.205	417.0
13	257.980	48.96	258.520	160.3	258.240	88.37	258.390	133.5 *	258.790	257.6	258.980	361.8
14	257.880	31.18 *	258.460	145.2	258.200	81.95	258.250	91.99	258.900	298.7	258.845	282.9
15	257.835	30.34	258.590	194.7	258.800	257.1 *	258.200	82.25	258.690	229.3	258.660	211.0 *
16	257.905	39.55	258.495	157.8	258.930	303.3 *	258.130	70.47	258.480	147.8	258.495	152.4
17	257.890	37.89	258.530	162.3	259.010	351.8	258.180	84.01 *	258.385	128.5	258.600	190.6
18	257.840	31.11	258.450	149.4 *	259.100	390.9	258.180	80.12	258.200	88.30 *	258.640	207.6
19	257.935	43.01	258.880	285.2 *	259.100	390.2	258.390	129.7	258.300	106.0	258.510	156.3
20	257.910	40.77	259.180	405.1	259.310	456.3	258.360	125.8 *	258.355	123.0	258.730	240.6
21	257.950	41.51 *	259.830	704.8	259.500	529.8	258.630	207.9	258.350	120.1	258.810	268.0
22	258.010	51.46	259.780	677.1	259.325	460.4	258.855	288.4	258.380	130.9 *	258.830	267.5 *
23	258.030	59.14	259.370	483.3	259.320	461.2 *	258.845	282.7	258.480	147.5	258.740	244.7
24	257.970	46.60	259.060	371.5	259.745	667.7	258.960	365.8	258.400	136.1 *	258.595	178.7
25	258.025	55.63	259.220	425.5	259.710	636.9	259.040	345.0 *	258.370	128.4 *	258.600	190.2
26	259.130	380.8 *	259.140	384.8 *	259.520	543.8	260.120	866.0	258.320	109.1	258.535	156.3
27	259.300	459.9	259.080	384.6	259.300	450.4	259.660	621.5 *	258.345	118.4	258.465	146.1
28	259.330	465.7 *	259.210	424.8	258.955	356.8	259.550	552.5	258.300	106.6	258.460	144.5
29	259.150	404.2	259.020	355.4	258.790	257.2	259.575	554.0	258.355	122.1	258.450	149.4 *
30	258.490	156.0	259.050	369.8	258.740	236.9 *	259.150	399.3	258.440	145.6	258.500	152.5
31			259.000	347.6	258.740	243.9			258.530	163.9		
Ten-Daily Mean												
I Ten-Daily	258.394	137.6	258.608	210.9	258.361	127.4	258.530	170.8	258.919	311.7	259.197	451.9
II Ten-Daily	257.922	40.78	258.581	190.0	258.698	247.0	258.292	106.9	258.494	165.2	258.815	275.4
III Ten-Daily	258.539	212.1	259.251	448.1	259.240	440.4	259.238	448.3	258.388	129.9	258.598	189.8
Monthly												
Min.	257.835	30.34	258.270	93.21	258.140	74.25	258.130	70.47	258.200	88.30	258.450	144.5
Max.	259.330	465.7	259.830	704.8	259.745	667.7	260.120	866.0	259.690	625.1	260.400	1061
Mean	258.285	130.2	258.827	288.3	258.782	277.1	258.687	242	258.594	199.9	258.870	305.7

Annual Runoff in MCM = 4361 Annual Runoff in mm = 119

Peak Observed Discharge = 1061 cumecs on 06/11/2015 Corres. Water Level :260.4 m

Lowest Observed Discharge = 6.249 cumecs on 27/04/2016 Corres. Water Level :257.69 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 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	258.630	202.8	258.000	50.74	257.720	15.97 #	257.910	36.42	257.710	14.22	257.730	16.92 *
2	258.635	204.8	257.905	41.47	257.730	16.92 #	257.930	40.32	257.705	13.57	257.720	17.98
3	258.705	238.7	257.920	39.76 *	257.730	16.92 #	257.860	30.24	257.660	10.84 *	257.740	19.09
4	258.735	242.2	257.910	42.66	257.700	14.16 #	257.800	25.73	257.670	8.391	257.670	9.646
5	258.560	173.3	257.895	40.87	257.690	13.29 #	257.800	25.55	257.585	6.570	257.720	16.41
6	258.460	152.6 *	257.900	41.17	257.750	18.89 #	257.750	18.89 *	257.600	8.012	257.710	14.41
7	258.390	129.0	257.900	41.53	257.850	30.29 *	257.750	20.76	257.585	6.333	257.690	12.68
8	258.310	106.9	257.900	41.13	257.850	35.12	257.750	20.34	257.580	5.469 *	257.760	19.92 *
9	258.225	86.90	257.890	40.44	257.830	33.79	257.740	19.53	257.585	6.496	257.695	12.86
10	258.210	82.28	257.820	26.60 *	257.790	27.66	257.780	23.34	257.660	10.84 *	257.910	38.22
11	258.160	77.45	257.785	28.92	257.705	14.76	257.740	19.27	257.600	7.916	257.860	34.33
12	258.145	70.63	257.785	28.06	257.685	14.80	257.750	20.72	257.600	7.774	257.765	22.98
13	258.180	85.42 *	257.800	29.60	257.725	20.11	257.720	15.97 *	257.610	8.245	257.730	18.41
14	258.140	69.85	257.790	28.94	257.690	13.29 *	257.730	18.09	257.600	6.650 *	257.695	13.07
15	258.160	78.52	257.880	34.19 *	257.720	14.85	257.730	18.33	258.000	50.45	257.760	19.92 *
16	258.255	90.56	258.010	52.15	257.710	16.77	257.740	19.09	257.870	33.81	257.690	12.66
17	258.215	84.39	258.030	57.08 *	257.700	15.52	257.750	20.61	257.850	30.29 *	257.640	10.29
18	258.205	82.11	257.895	41.74	257.700	15.32	257.740	18.85	257.715	15.94	257.630	8.493
19	258.165	75.41	258.035	55.88	257.695	13.17	257.665	9.233	257.660	10.84 *	257.690	12.59
20	258.150	79.32 *	258.000	51.51	257.670	9.195	257.760	19.92 *	257.730	18.85	257.680	11.34
21	258.140	70.20	257.910	42.11	257.690	13.29 *	257.660	9.364	257.720	14.91	257.780	22.04 *
22	258.120	68.21	257.900	41.73	257.670	8.954	257.730	19.19	257.670	8.601	257.900	36.92 *
23	258.095	63.21	257.920	43.08	257.670	9.045	257.660	9.530	257.800	23.97	257.930	40.46
24	258.060	62.31 *	257.950	44.19 *	257.670	9.051	257.690	12.22	257.680	12.44 *	257.930	40.18
25	258.060	62.31 *	257.920	44.38	257.675	9.106	257.720	15.97 *	257.690	11.28	257.850	33.66
26	258.055	58.27	257.955	44.94 *	257.665	8.118	257.710	15.33	257.670	8.818	257.700	13.80
27	258.040	58.80 *	257.850	35.35	257.665	8.103	257.720	15.97 *	257.690	6.249	257.690	12.53
28	258.040	55.26	257.845	34.85	257.980	48.84 *	257.720	16.15	257.690	11.51	257.710	14.12
29	258.005	51.20	257.830	33.98	257.940	37.21	257.720	16.46	257.730	16.61	257.730	16.92 *
30	258.000	50.64	257.795	28.98			257.690	12.05	257.735	17.46	257.710	14.20
31	257.905	41.46	257.780	22.04 *			257.670	9.285			257.670	10.95
Ten-Daily Mean												
I Ten-Daily	258.486	161.9	257.904	40.64	257.764	22.30	257.807	26.11	257.634	9.074	257.734	17.81
II Ten-Daily	258.177	79.37	257.901	40.81	257.700	14.78	257.732	18.01	257.723	19.08	257.714	16.41
III Ten-Daily	258.047	58.35	257.878	37.78	257.736	16.86	257.699	13.77	257.708	13.18	257.782	23.25
Monthly												
Min.	257.905	41.46	257.780	22.04	257.665	8.103	257.660	9.233	257.580	5.469	257.630	8.493
Max.	258.735	242.2	258.035	57.08	257.980	48.84	257.930	40.32	258.000	50.45	257.930	40.46
Mean	258.231	98.55	257.894	39.68	257.733	18.02	257.745	19.12	257.688	13.78	257.745	19.29

Peak Computed Discharge = 625.1 cumecs on 07/10/2015 Corres. Water Level :259.69 m

Lowest Computed Discharge = 5.469 cumecs on 08/04/2016 Corres. Water Level :257.58 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

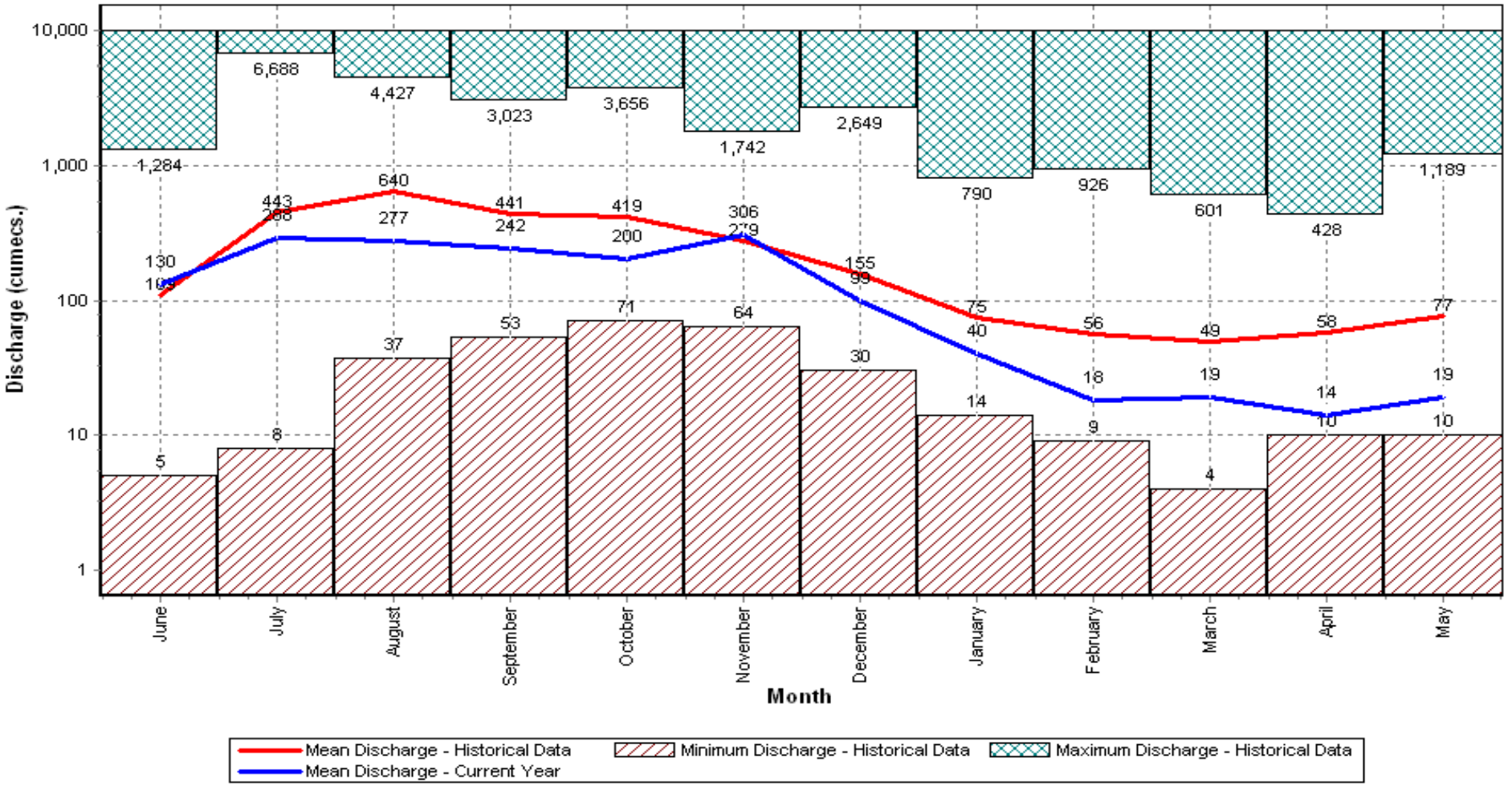
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Biligundulu (CC000N7) | **Data considered : 1972-2016** | **Division : Cauvery Division, Bangalore**

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



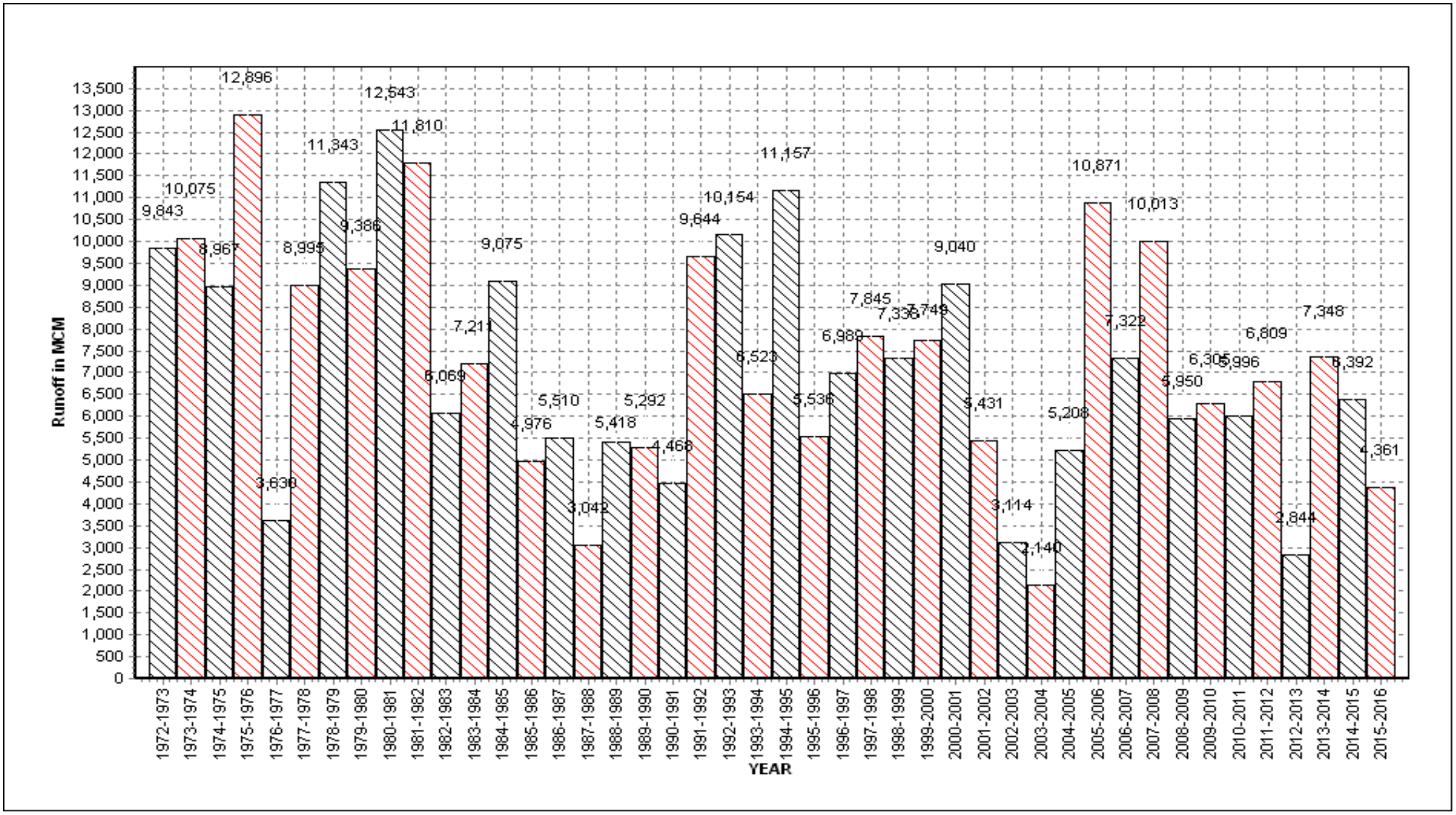
Annual Runoff Values for the period: 1972 - 2016

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore

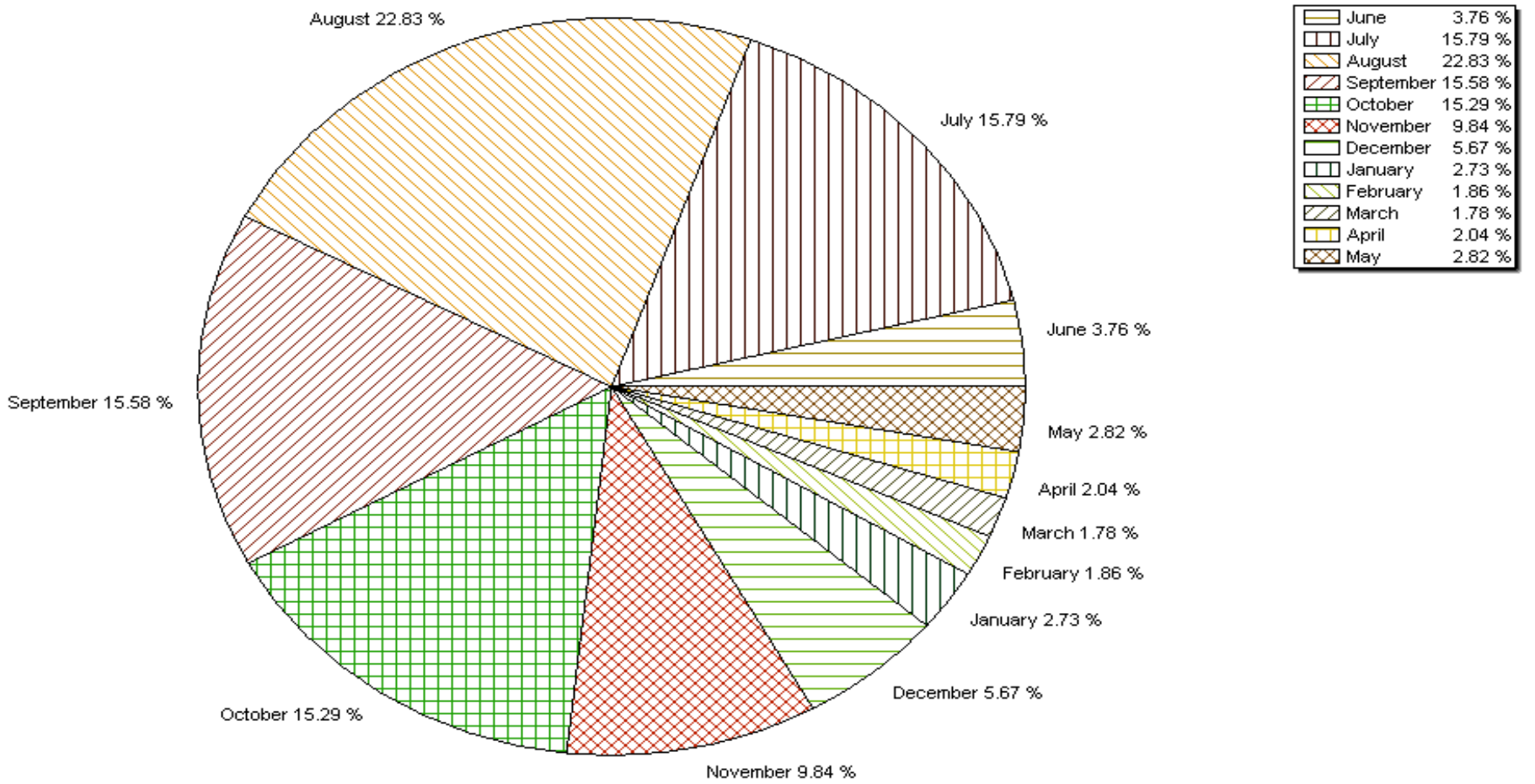


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1972-2015

Station Name : Biligundulu (CC000N7)
Local River : Cauvery

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



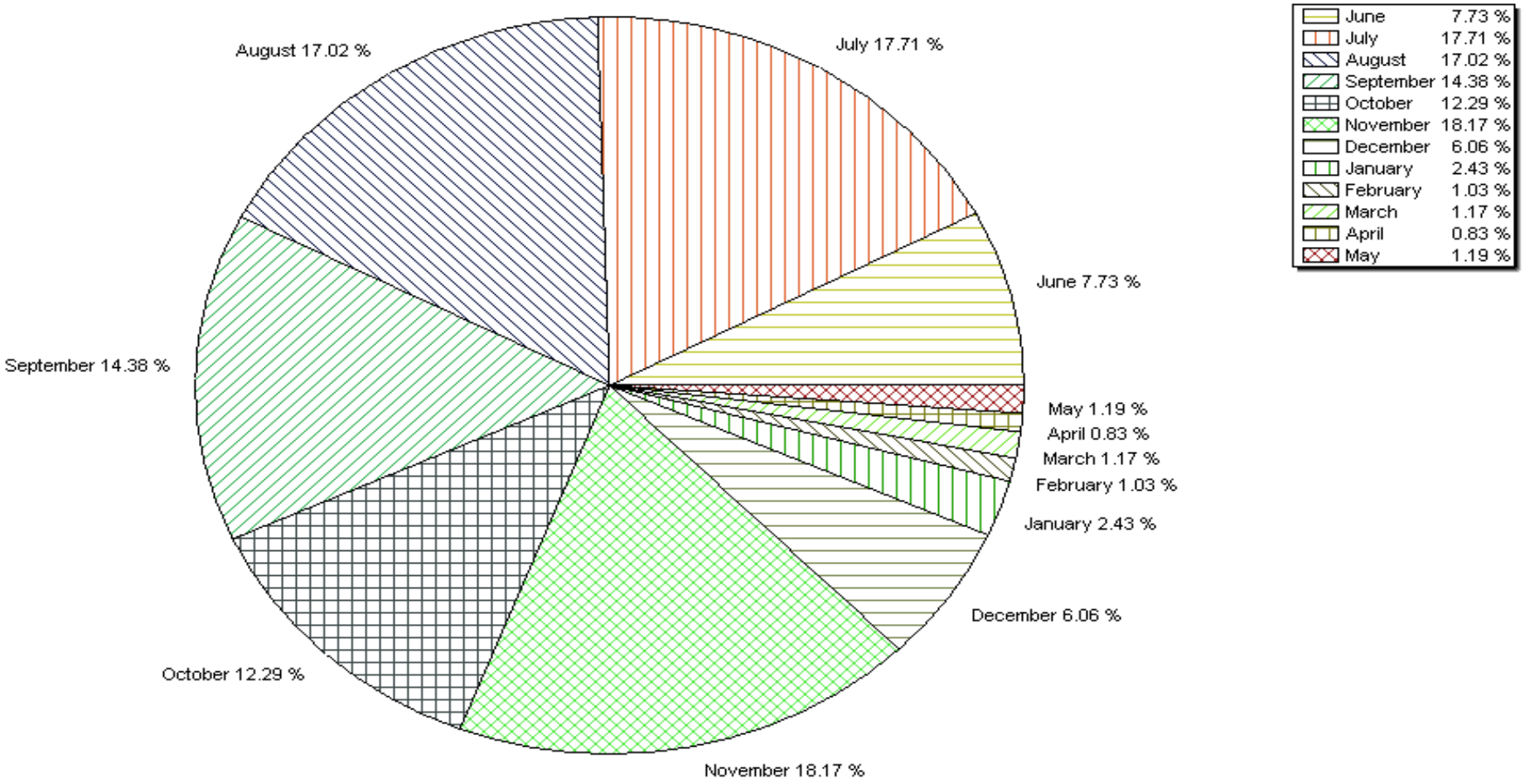
Monthly Runoff for the Year : 2015-2016

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

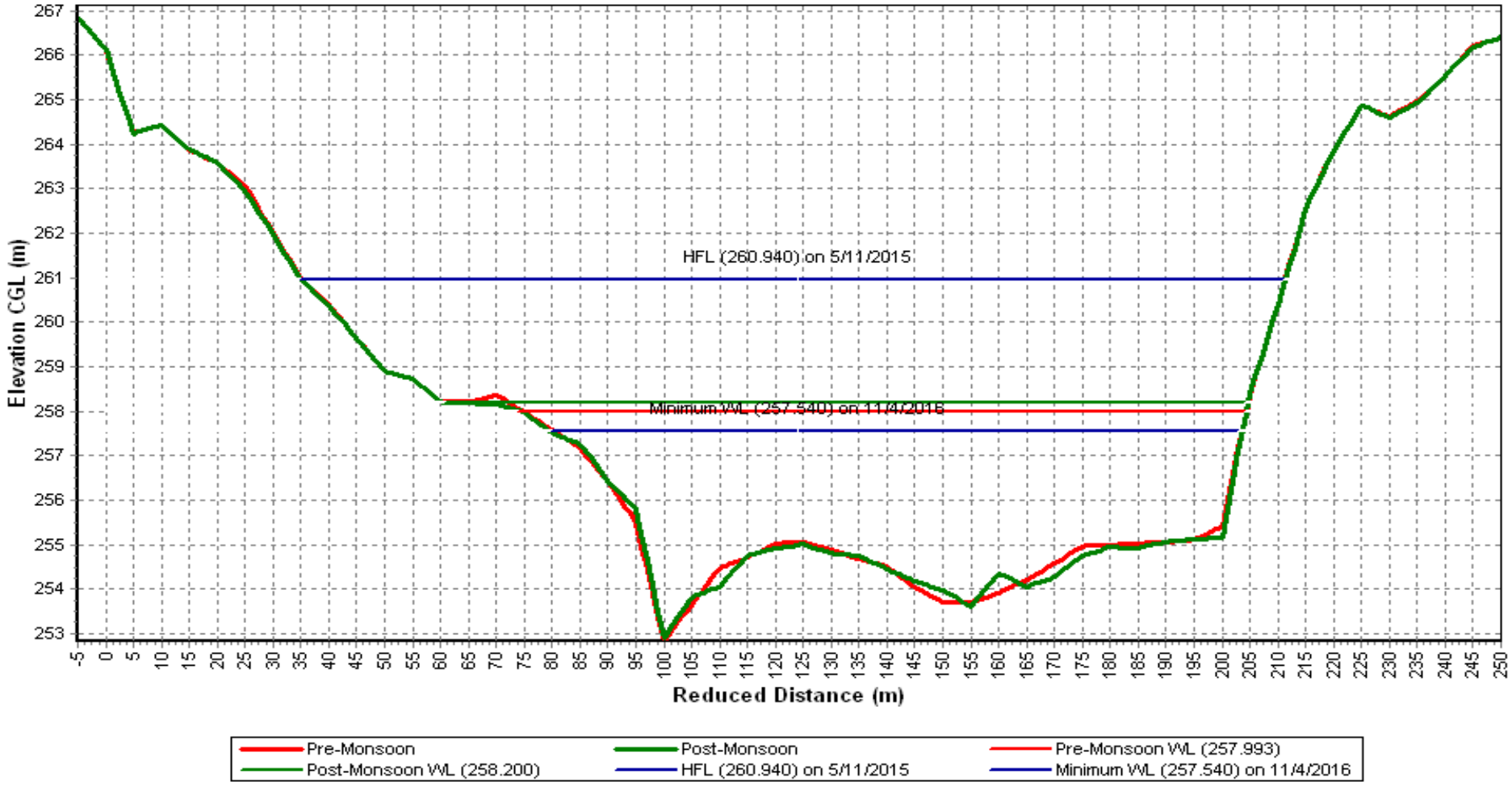
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

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



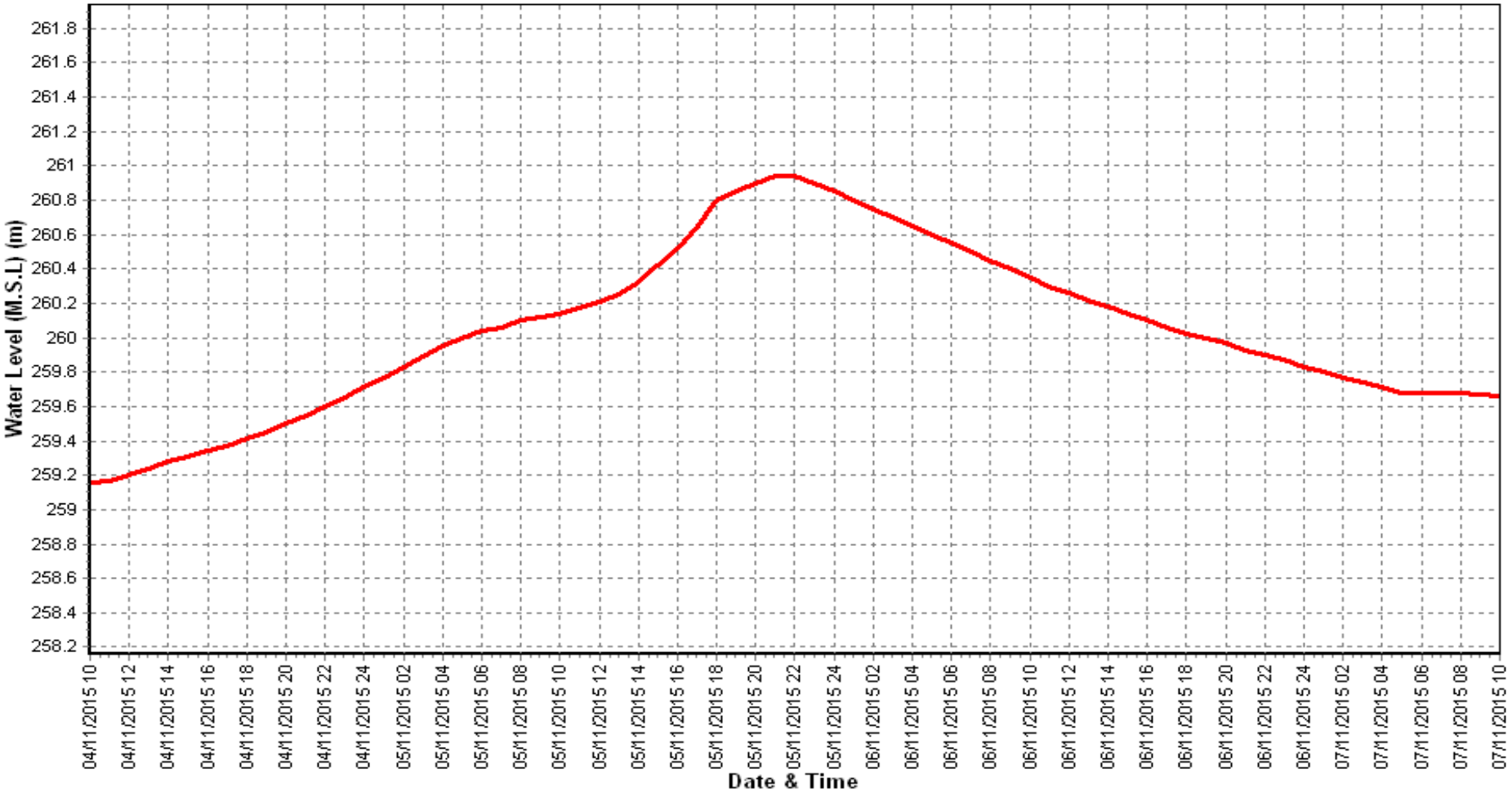
Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

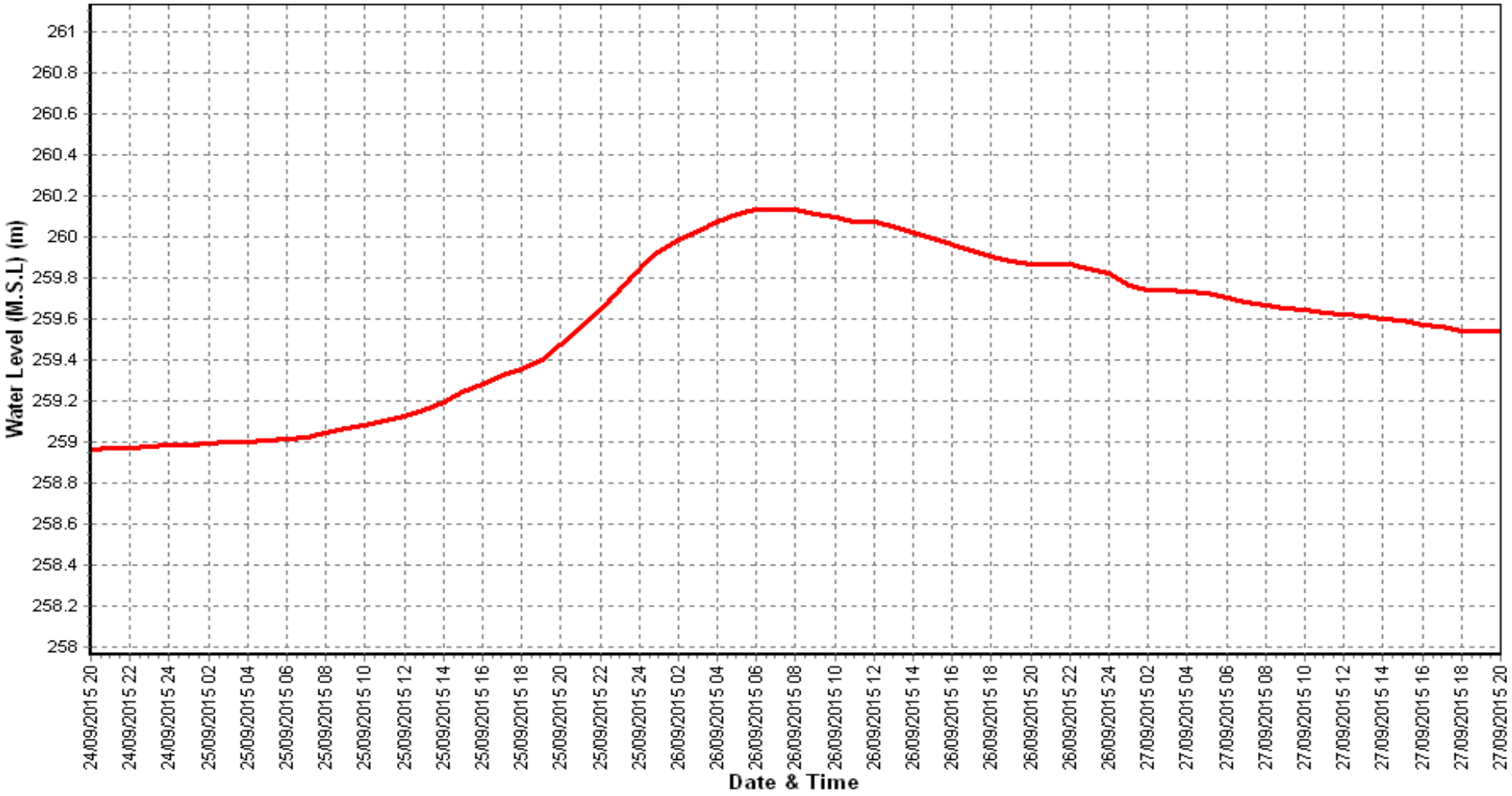
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



Time Span: 72 Hrs

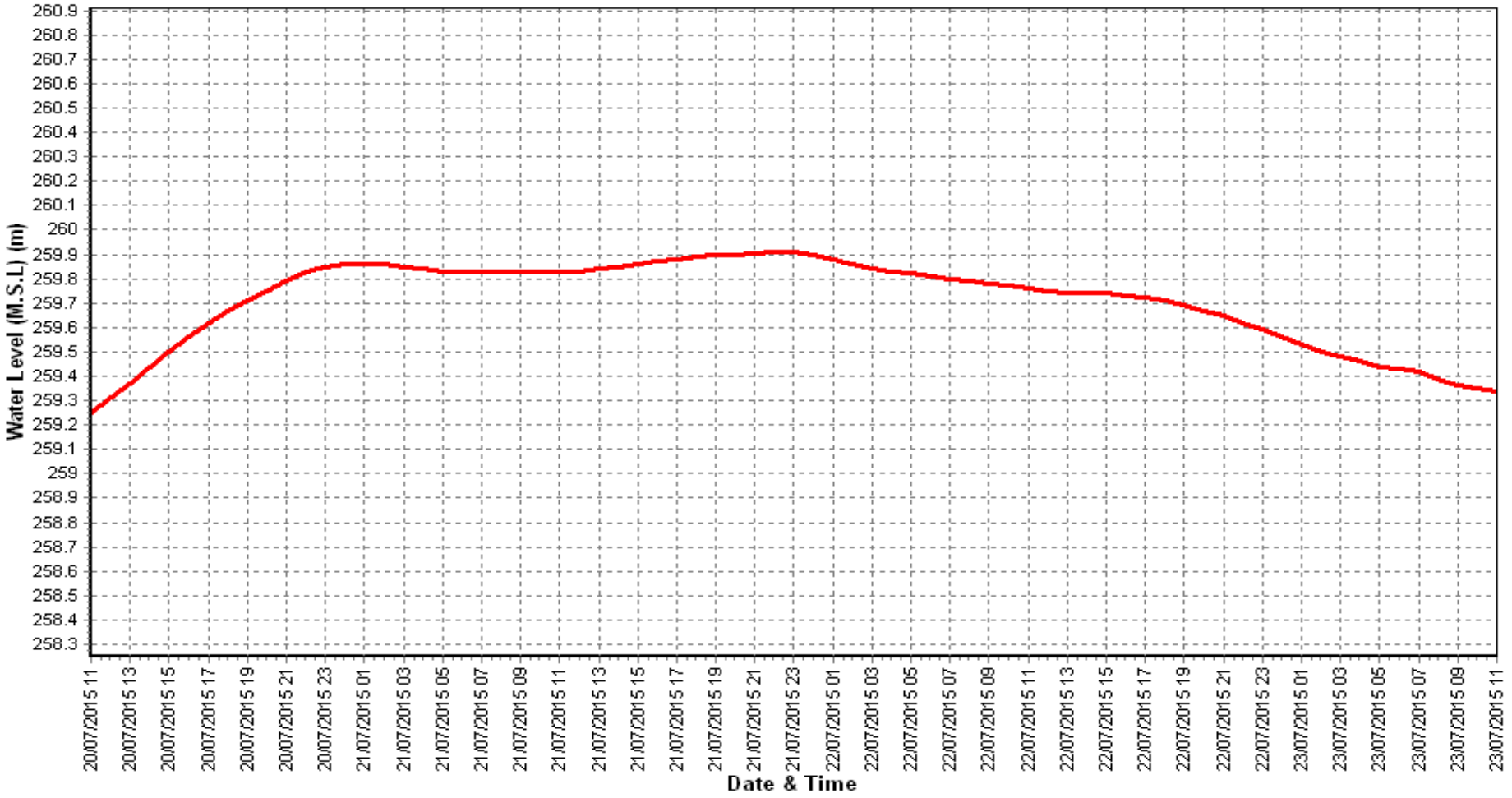
Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

Station Name : Biligundulu (CC000N7)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore



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Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	604.750	9.273	604.640	7.538	604.560	6.705 #	604.700	7.857	604.730	8.319	604.640	7.277 *
2	604.780	10.33	604.710	8.100	604.660	7.688 *	604.660	7.709	604.790	9.309 *	604.720	9.608 *
3	604.770	10.43	604.630	7.424	604.630	7.362	604.660	7.702	604.780	9.031	604.760	10.87 *
4	604.730	8.756	604.670	7.823	604.640	7.464	604.720	8.165	604.790	9.309 *	605.230	22.26
5	604.800	14.99	604.680	8.118 *	604.600	7.114	604.950	18.62	604.820	9.713 #	605.120	20.76
6	604.810	15.25	604.640	7.359	604.670	7.839	605.020	19.53 *	604.810	9.578 #	605.200	21.83
7	604.730	8.055 *	604.640	7.550	604.630	7.460	605.160	21.33	604.720	8.263	604.960	18.75
8	604.790	14.68	604.660	7.724	604.580	6.800	605.750	30.36	604.760	8.728	604.830	16.89 *
9	604.750	10.04	604.650	7.669	604.630	7.387 *	605.230	22.26	604.820	9.713 #	605.050	19.68
10	604.720	8.808	604.590	6.901	604.710	8.153	604.900	17.94	604.780	9.295	605.150	21.10
11	604.780	10.37	604.660	7.772	604.620	7.365	604.870	17.53	604.800	9.443 *	605.230	22.22 *
12	604.765	10.01	604.700	8.456 *	604.650	7.611	604.860	17.40	604.790	9.548	605.130	20.82
13	604.800	10.26 #	604.650	7.623	604.770	8.885	604.800	16.24 *	604.720	8.399	605.220	22.12
14	604.820	10.65 *	604.620	7.316	604.720	8.224	604.800	15.20	604.740	8.507	605.060	19.82
15	604.710	8.702	604.680	7.694	604.750	8.629 *	604.780	8.977	604.790	9.502	604.930	18.15 *
16	604.700	8.504	604.650	7.708	604.730	8.415 *	604.760	8.779	604.790	9.441	604.900	18.00
17	604.730	8.834	604.680	7.974	604.810	16.82 #	604.740	9.371 *	604.730	8.190	604.880	17.45
18	604.600	6.843	604.620	7.153 *	605.160	21.25	604.690	8.615	604.740	8.654 *	604.880	17.45
19	604.770	10.05	604.640	7.467 *	605.660	28.64	604.760	8.615	604.660	7.747	604.910	17.79
20	604.740	9.370	604.620	7.335	605.610	27.84 #	604.700	8.151 *	604.640	7.564	604.950	18.62
21	604.750	9.334 *	604.610	7.284	604.910	18.07	604.710	8.036	604.680	7.851	605.000	18.29
22	604.690	8.374	604.730	8.619	604.890	17.80	604.700	8.066	604.740	8.654 *	605.120	20.68 *
23	604.720	8.999	604.730	8.353	604.910	18.05 *	604.650	7.346	604.720	8.435	604.960	18.75
24	604.710	8.860	604.720	8.203	604.900	17.94	604.660	7.700	604.690	8.021 *	604.980	19.11
25	604.750	10.13	604.690	8.108	604.910	18.07	604.860	13.59 *	604.680	7.896 *	604.980	18.80 *
26	604.700	7.921	604.700	8.456 *	604.870	17.53	604.950	18.62	604.690	8.080	604.910	17.79
27	604.650	7.645	604.600	7.032	604.800	10.47	604.800	11.38 *	604.630	7.278	604.900	17.72
28	604.580	6.549 *	604.640	7.345	604.950	18.62	604.730	8.343	604.585	5.910	605.160	21.15
29	604.680	7.342	604.600	6.584	604.870	17.53	604.810	15.19	604.600	6.063	605.120	20.68 *
30	604.660	7.792	604.580	6.842	604.730	9.294 *	604.800	11.38 #	604.660	7.769	604.900	17.72
31			604.530	6.423 #	604.730	8.303			604.640	7.410		
Ten-Daily Mean												
I Ten-Daily	604.763	11.06	604.651	7.621	604.631	7.397	604.975	16.15	604.780	9.126	604.966	16.90
II Ten-Daily	604.742	9.359	604.652	7.650	604.948	14.37	604.776	11.89	604.740	8.699	605.009	19.24
III Ten-Daily	604.689	8.295	604.648	7.568	604.861	15.61	604.767	10.96	604.665	7.579	605.003	19.07
Monthly												
Min.	604.580	6.549	604.530	6.423	604.560	6.705	604.650	7.346	604.585	5.910	604.640	7.277
Max.	604.820	15.25	604.730	8.619	605.660	28.64	605.750	30.36	604.820	9.713	605.230	22.26
Mean	604.731	9.572	604.650	7.611	604.815	12.56	604.839	13	604.726	8.439	604.993	18.41

Annual Runoff in MCM = 283 Annual Runoff in mm = 81

Peak Observed Discharge = 30.36 cumecs on 08/09/2015 Corres. Water Level :605.75 m

Lowest Observed Discharge = 2.559 cumecs on 29/03/2016 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

Stage-Discharge Data for the period 2015 - 2016

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	604.900	17.72	604.590	5.942	604.580	5.959	604.460	4.258	604.410	2.853	604.410	3.142 *
2	604.860	17.40	604.600	6.663	604.570	5.702	604.470	4.510	604.420	2.975	604.440	3.805
3	604.820	15.27	604.600	6.403 *	604.590	5.922	604.480	4.651	604.410	3.142 *	604.420	3.057
4	604.820	15.95	604.580	5.834	604.610	6.946	604.430	3.392	604.410	2.758	604.500	4.943
5	604.790	9.528	604.590	5.974	604.570	5.705	604.450	4.195	604.400	2.596	604.420	3.081
6	604.820	12.92 *	604.580	5.805	604.560	5.636	604.460	3.880 *	604.410	2.924	604.460	4.099
7	604.800	10.98	604.570	5.681	604.570	5.805 *	604.460	4.226	604.420	3.063	604.560	5.602
8	604.800	10.78	604.570	5.540	604.570	5.762	604.430	3.529	604.430	3.427 *	604.660	7.699 *
9	604.790	9.394	604.600	6.631	604.580	5.854	604.430	3.509	604.410	2.989	604.730	8.307
10	604.760	8.716	604.590	6.201 *	604.450	3.893	604.440	3.525	604.420	3.283 *	604.740	8.415
11	604.750	8.685	604.600	6.596	604.480	4.615	604.420	3.295	604.410	2.941	604.710	8.046
12	604.800	10.64	604.610	6.956	604.460	4.177	604.430	3.545	604.460	4.153	604.760	8.701
13	604.790	10.71 *	604.600	6.462	604.450	3.882	604.460	3.880 *	604.490	4.515	604.660	7.408
14	604.690	8.059	604.580	5.750	604.490	4.363 *	604.450	3.892	604.480	4.198 *	604.620	6.761
15	604.700	8.140	604.610	6.610 *	604.450	4.626	604.430	3.496	604.490	4.472	604.650	7.475 *
16	604.710	8.796	604.600	6.523	604.450	3.802	604.440	3.471	604.480	4.459	604.640	7.011
17	604.730	8.462	604.570	5.805 *	604.440	3.613	604.440	3.591	604.460	3.880 *	604.670	7.662
18	604.760	8.763	604.590	5.970	604.430	3.448	604.410	2.780	604.460	4.102	604.650	7.187
19	604.740	8.567	604.600	6.623	604.420	3.328	604.420	3.159	604.480	4.198 *	604.880	17.45
20	604.700	8.636 *	604.560	5.507	604.430	3.481	604.430	3.427 *	604.490	4.557	604.910	17.79
21	604.660	7.697	604.580	5.860	604.480	4.198 *	604.430	3.496	604.480	4.384	605.150	23.39 *
22	604.640	7.526	604.600	6.584	604.470	4.589	604.420	3.141	604.480	4.300	605.160	23.80 *
23	604.620	7.289	604.640	7.414	604.470	4.565	604.420	3.183	604.460	4.152	605.150	21.10
24	604.620	6.821 *	604.600	6.403 *	604.490	4.828	604.440	3.351	604.440	3.575 *	604.900	17.72
25	604.600	6.403 *	604.590	5.956	604.460	4.180	604.430	3.427 *	604.420	3.085	604.700	8.060
26	604.620	7.186	604.570	5.805 *	604.450	4.155	604.420	3.151	604.450	3.204	604.710	8.193
27	604.590	6.201 *	604.590	5.964	604.440	3.869	604.410	3.142 *	604.460	4.112	604.700	8.029
28	604.590	5.897	604.600	6.529	604.460	3.880 *	604.410	2.960	604.460	4.204	604.660	7.281
29	604.620	7.244	604.610	6.957	604.450	4.074	604.400	2.559	604.440	3.890	604.880	13.59 *
30	604.600	6.541	604.620	7.173			604.420	3.076	604.420	3.139	605.060	19.82
31	604.590	5.941	604.600	6.403 *			604.440	3.349			605.000	18.29
Ten-Daily Mean												
I Ten-Daily	604.816	12.87	604.587	6.067	604.565	5.718	604.451	3.968	604.414	3.001	604.534	5.215
II Ten-Daily	604.737	8.946	604.592	6.280	604.450	3.933	604.433	3.454	604.470	4.148	604.715	9.550
III Ten-Daily	604.614	6.795	604.600	6.459	604.463	4.260	604.422	3.167	604.451	3.804	604.915	15.39
Monthly												
Min.	604.590	5.897	604.560	5.507	604.420	3.328	604.400	2.559	604.400	2.596	604.410	3.057
Max.	604.900	17.72	604.640	7.414	604.610	6.946	604.480	4.651	604.490	4.557	605.160	23.80
Mean	604.719	9.447	604.593	6.275	604.494	4.65	604.435	3.518	604.445	3.651	604.728	10.22

Peak Computed Discharge = 23.80 cumecs on 22/05/2016 **Corres. Water Level :605.16 m**

Lowest Computed Discharge = 3.142 cumecs on 27/03/2016 **Corres. Water Level :604.41 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

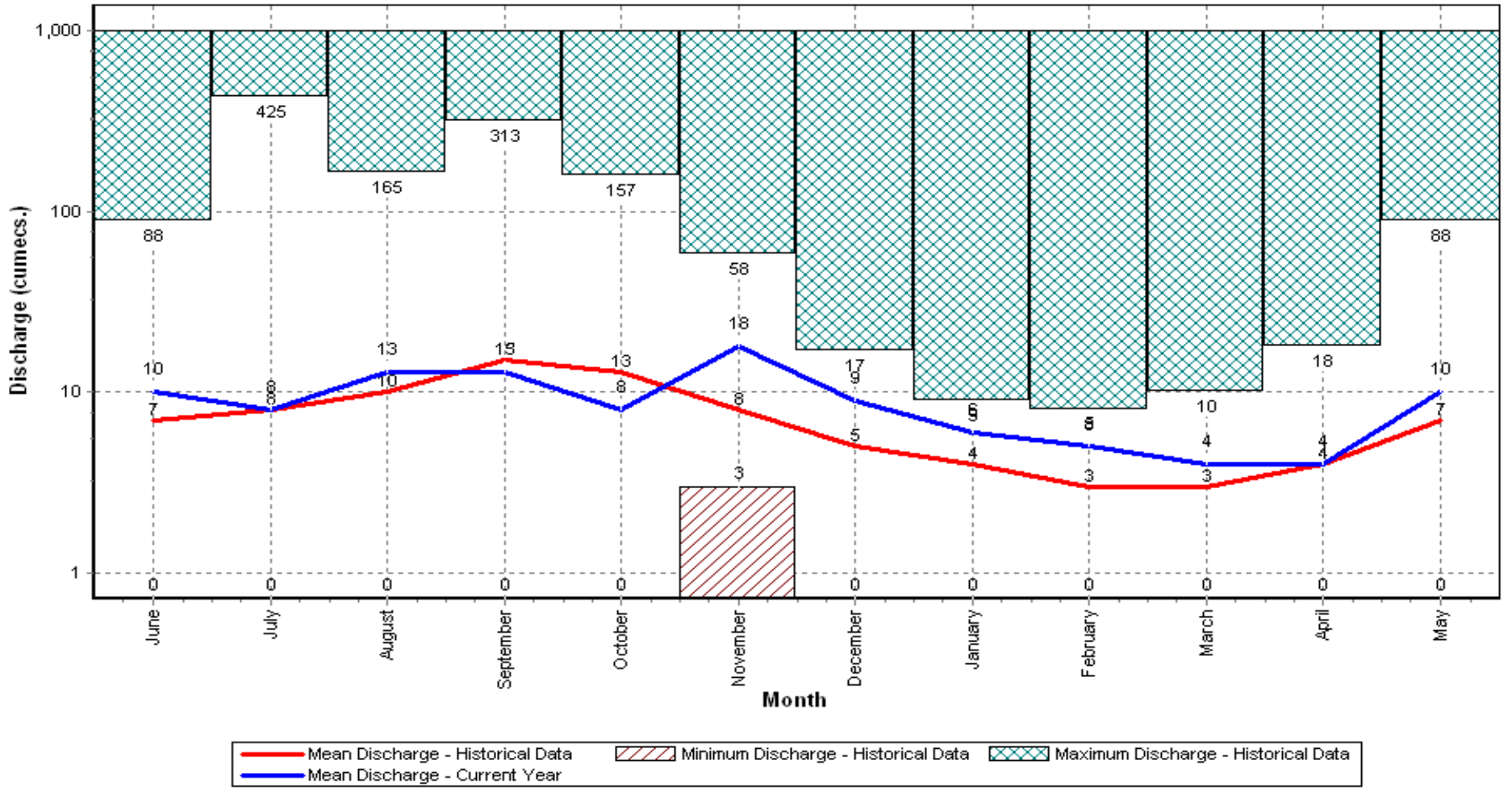
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : T. BEKUPPE (T. BEKUPPE) **Data considered : 2004-2016** **Division : Cauvery Division, Bangalore**

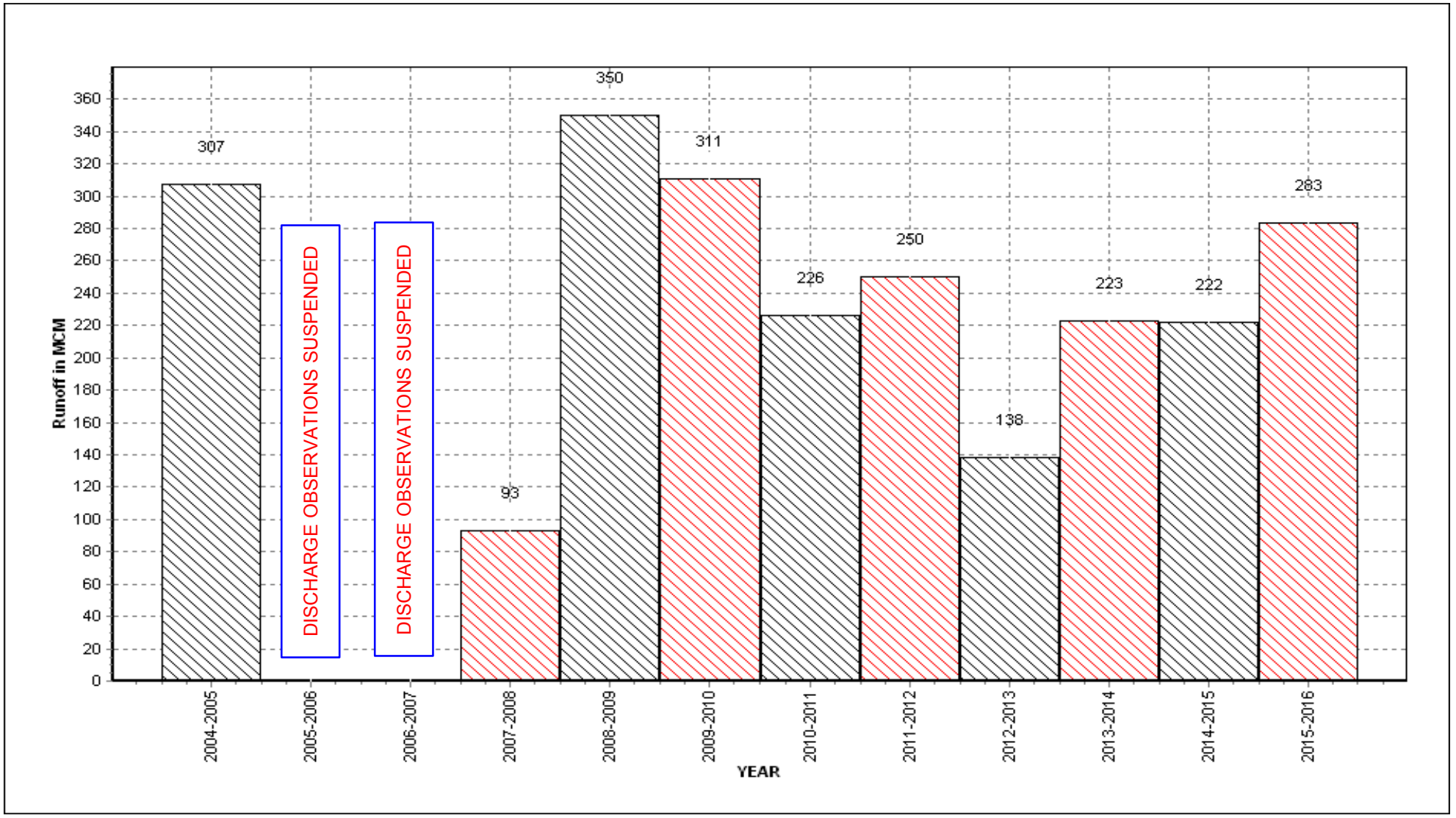
Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Annual Runoff Values for the period: 2004 - 2016

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

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

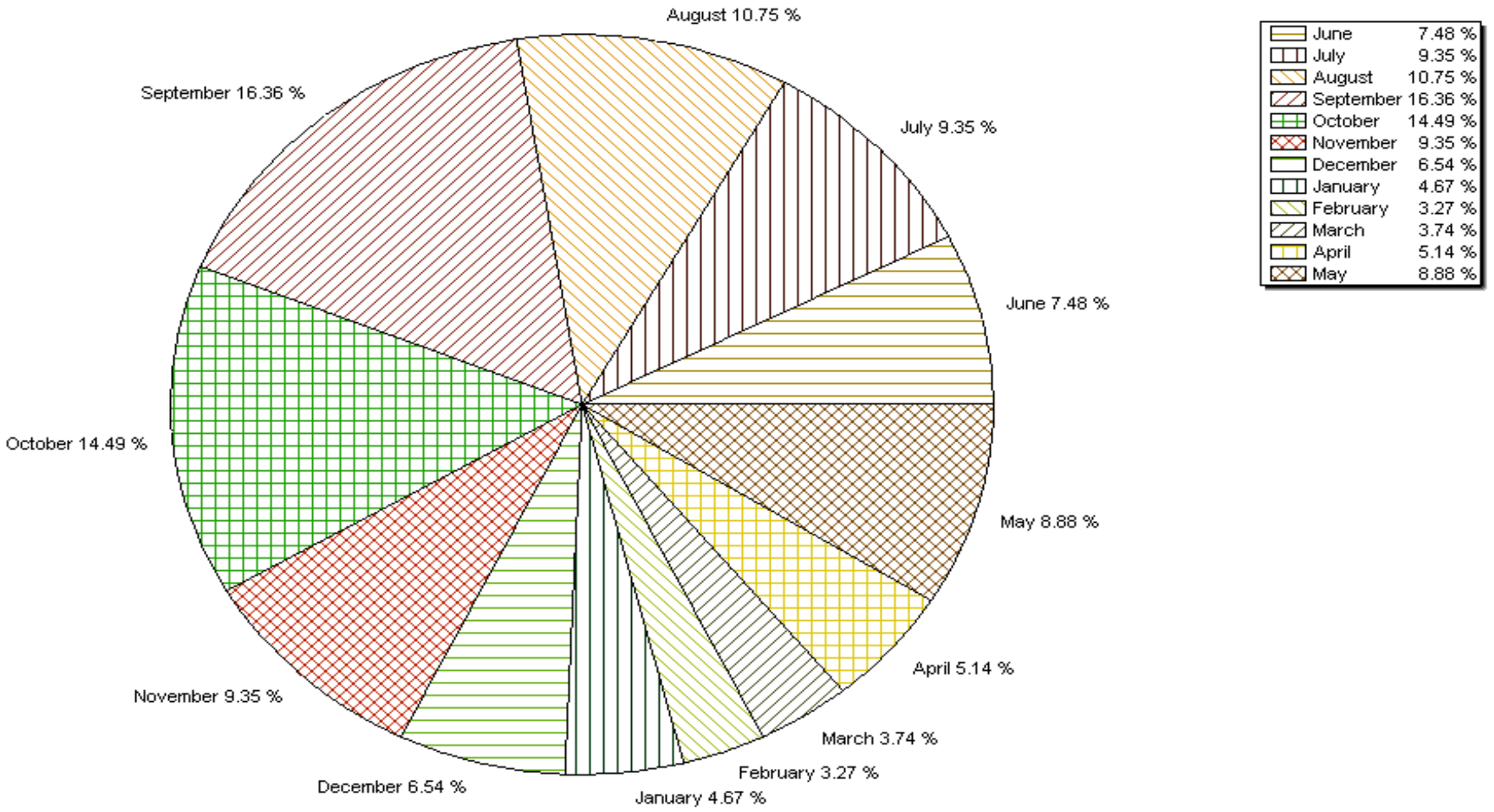


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2004-2015

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

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



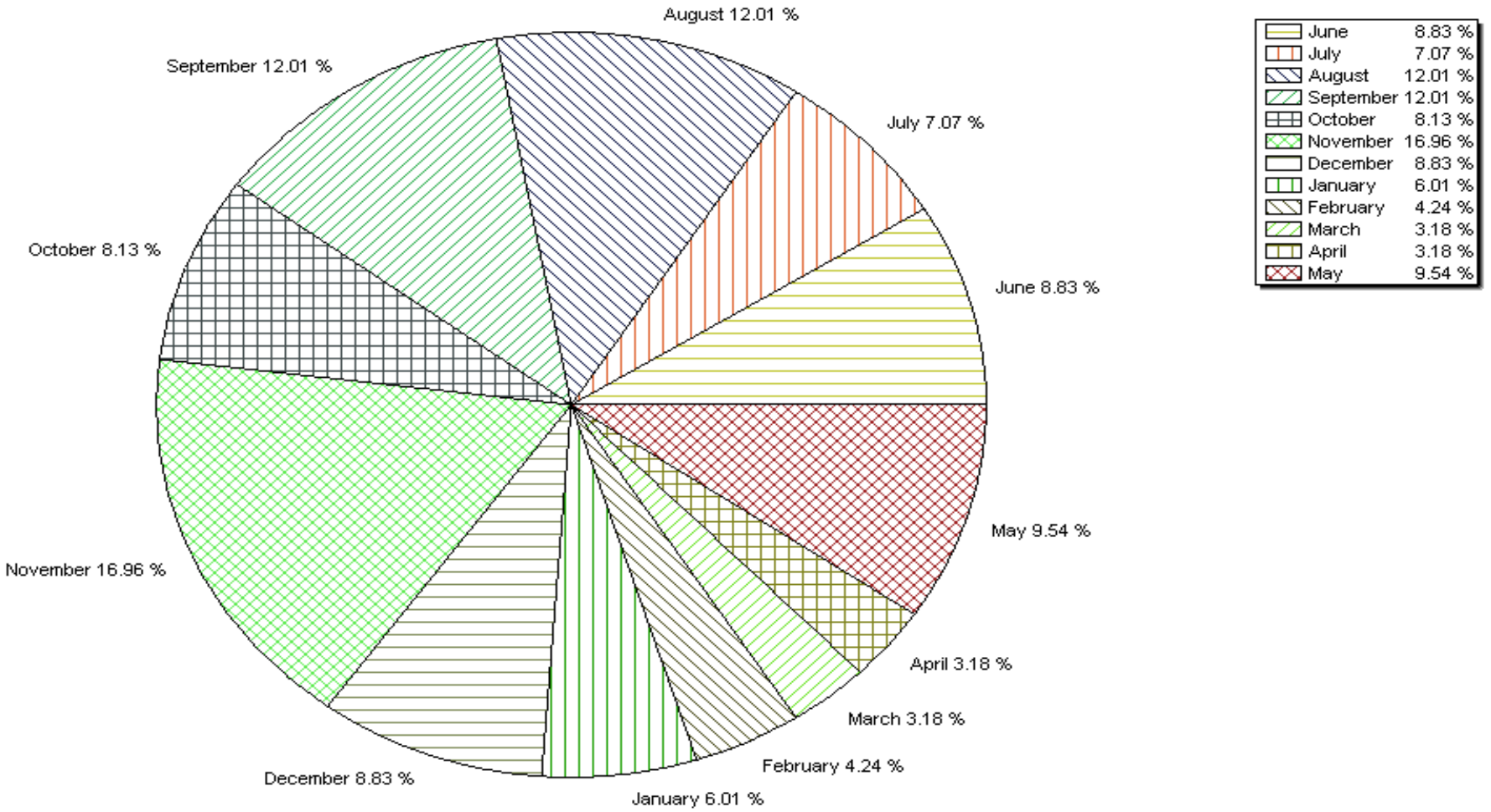
Monthly Runoff for the Year : 2015-2016

Station Name : T. BEKUPPE (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

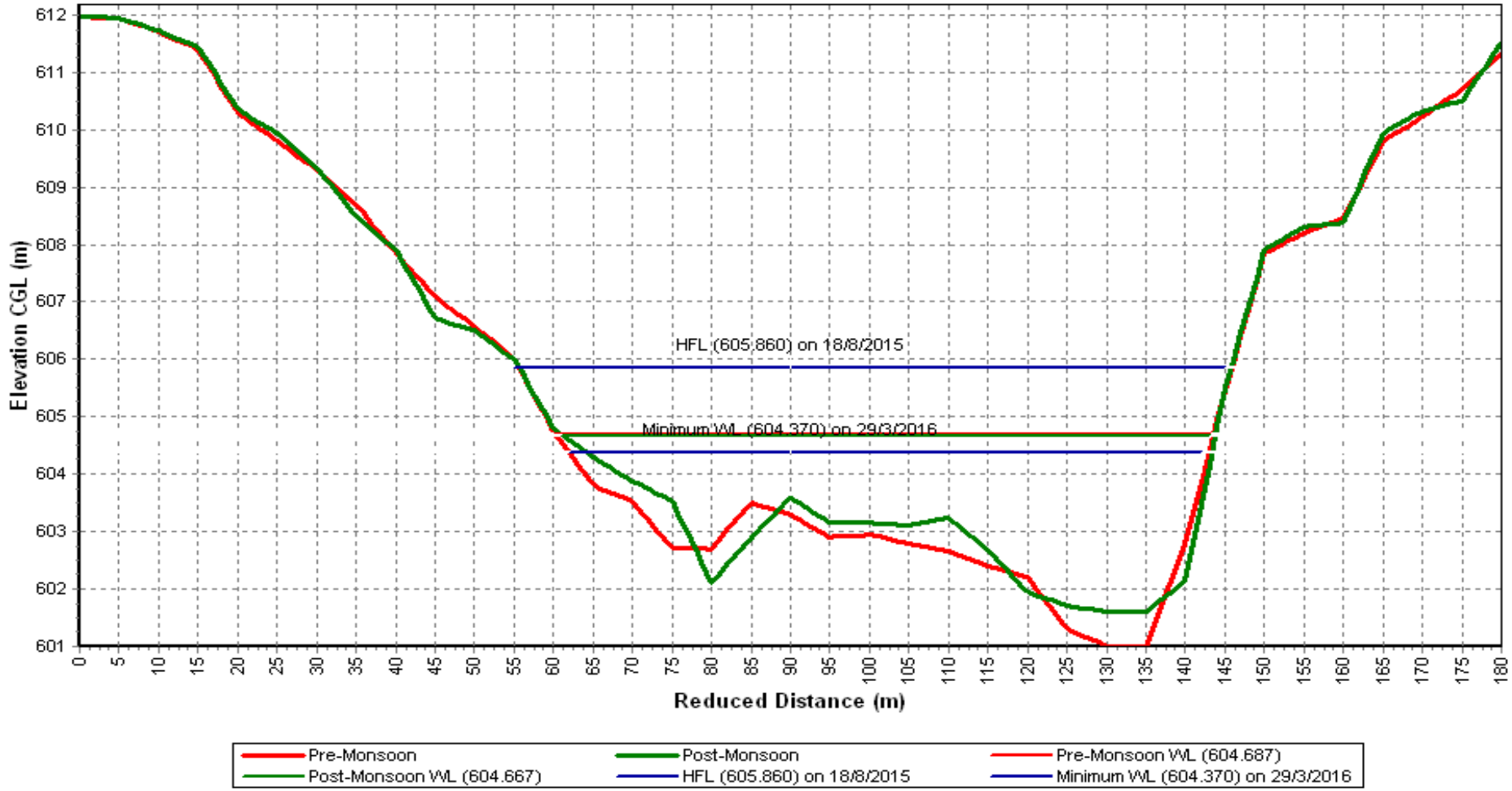
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

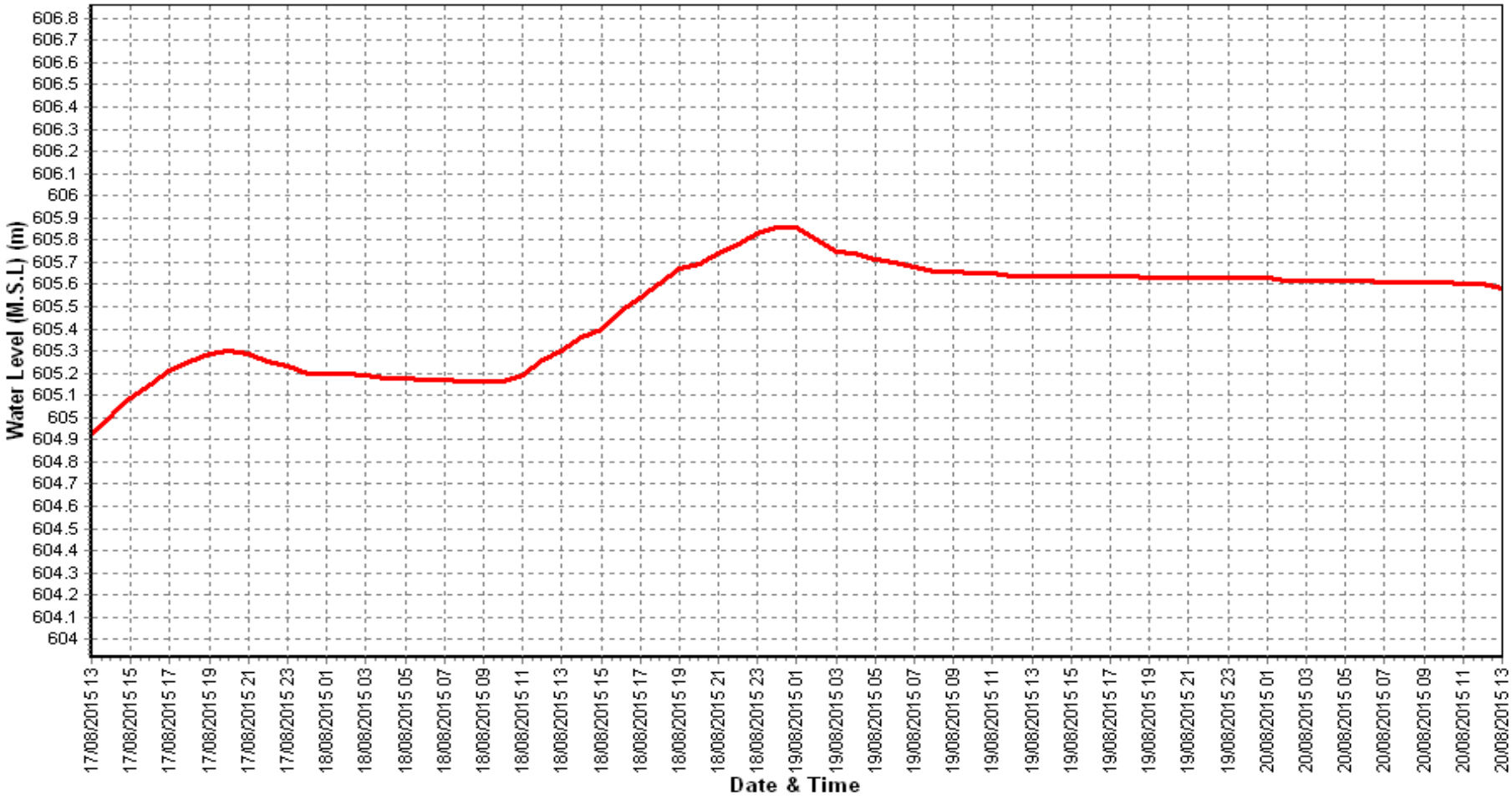
Local River : Arkavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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



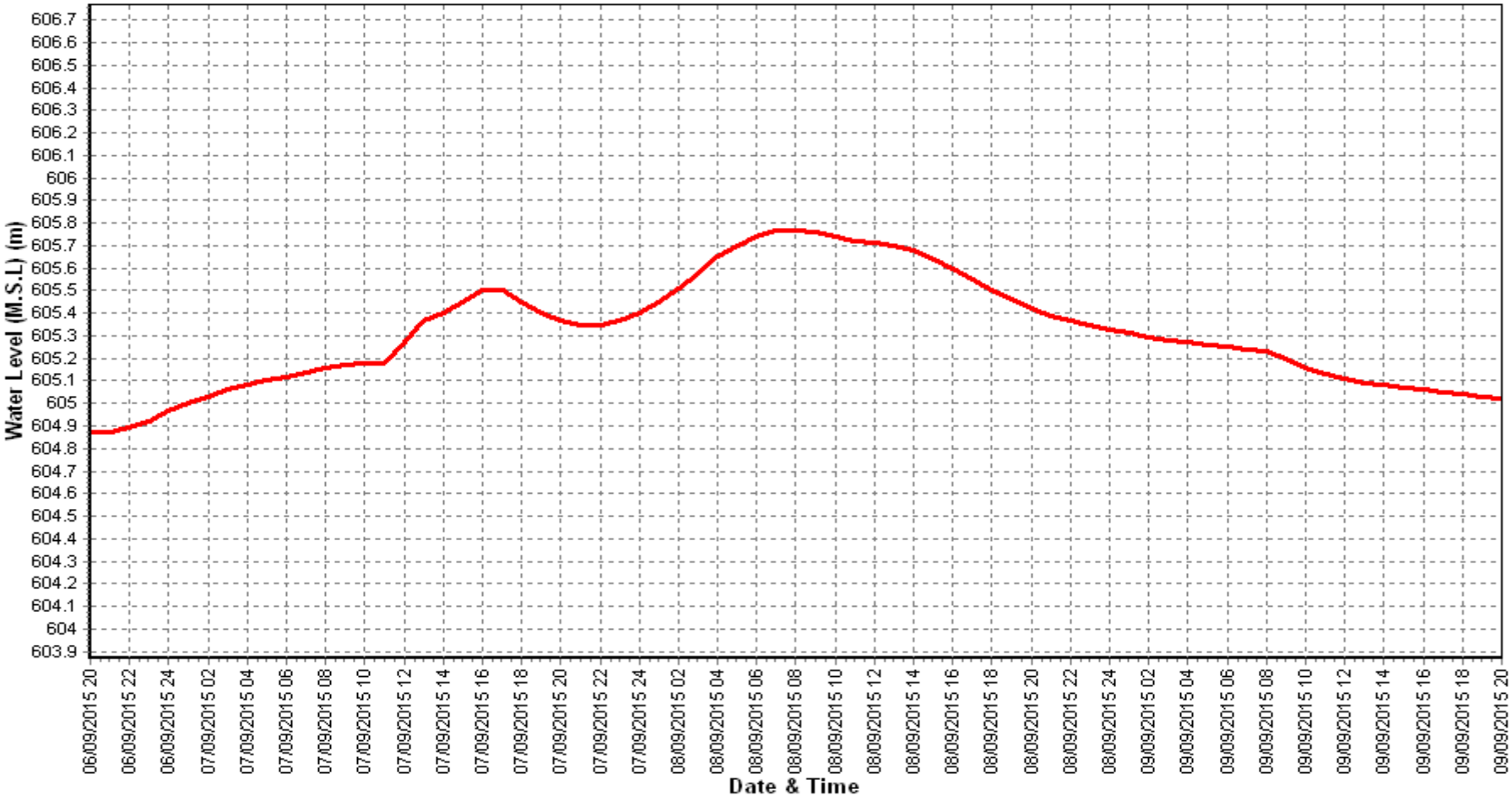
259

Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

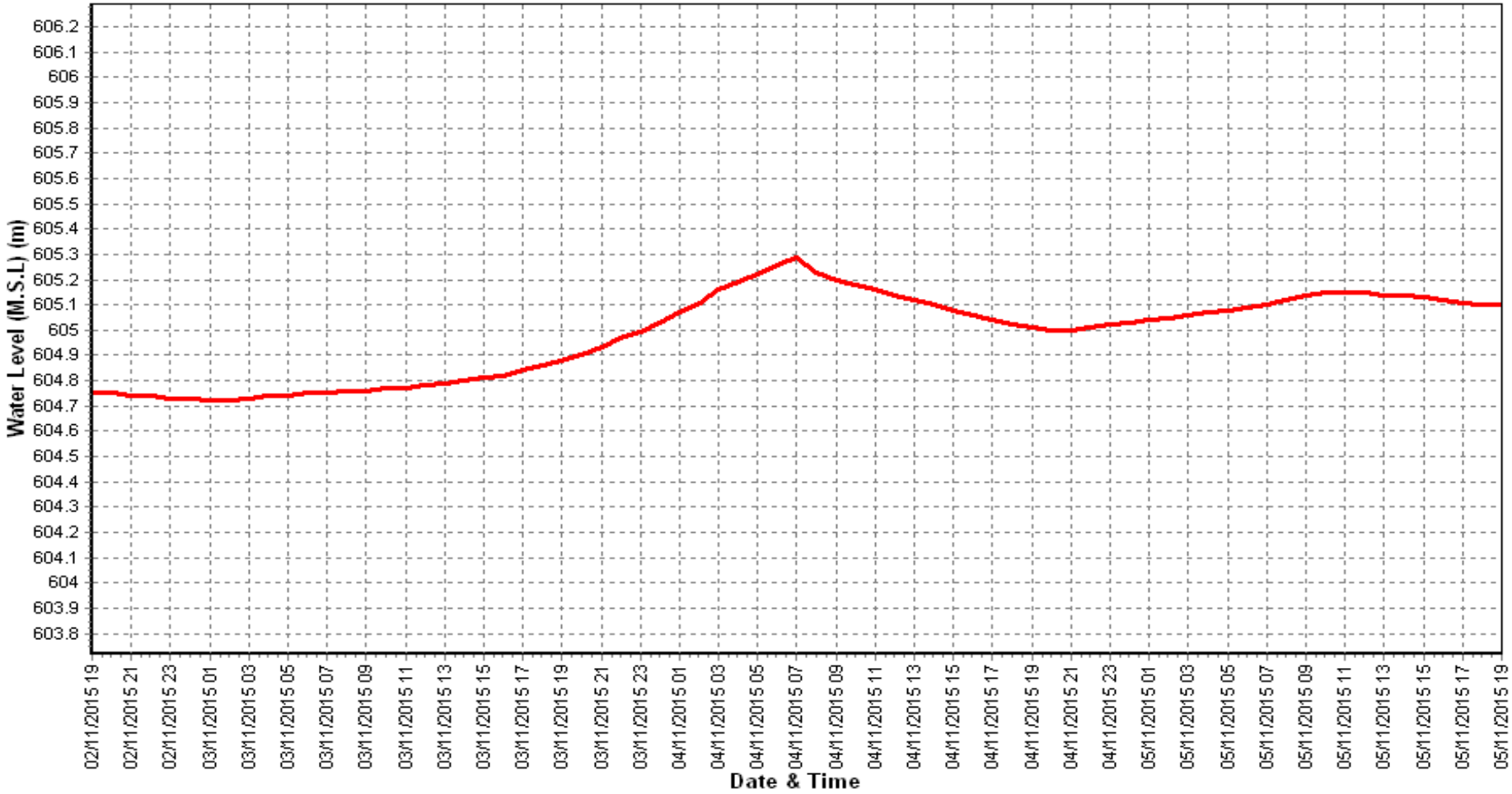


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	581.800	42.28	580.700	0.000	580.650	0.000	581.120	10.68	581.885	35.36	581.640	26.41 *
2	582.050	50.34	580.660	0.000	580.650	0.000	581.290	16.35 #	581.820	34.28 *	582.475	85.58
3	581.730	43.33	580.660	0.000	580.640	0.000	581.210	13.76	581.695	29.18	582.900	126.1
4	581.720	33.38	580.640	0.000	581.175	8.568	581.135	10.53	581.640	26.41 *	583.650	202.0
5	581.780	38.31	580.640	0.000	581.170	11.53	581.810	29.94	581.620	26.44	585.220	449.2 *
6	581.470	22.69	580.660	0.000	581.190	11.86	581.760	32.21 *	583.750	222.3	584.160	259.9 *
7	581.430	19.36 *	580.650	0.000	581.170	11.57	581.770	30.96	582.790	98.43 *	582.300	68.28
8	581.130	6.881	580.640	0.000	581.100	8.244 #	582.670	73.67	582.200	52.01	581.950	40.71 *
9	580.920	3.820	580.630	0.000	580.820	0.000	581.930	37.43	581.840	33.58	581.900	32.63
10	581.100	7.082	580.630	0.000	580.660	0.000	581.410	19.85 #	581.530	21.35	582.155	41.49
11	580.890	3.141	580.640	0.000	580.620	0.000	581.485	23.90	581.770	31.98 *	582.930	110.9 *
12	580.800	1.904	580.610	0.000	580.580	0.000	581.440	20.56	581.590	24.44 *	582.260	41.75
13	580.770	1.996	580.640	0.000	580.560	0.000	581.310	16.91 *	583.020	142.0	581.920	33.01
14	580.730	1.588 *	580.660	0.000	580.590	0.000	581.200	14.08	582.520	76.70 *	581.910	38.66 *
15	580.770	2.097	580.620	0.000	580.570	0.000	581.050	4.484	581.725	27.96	581.900	38.16 *
16	580.760	1.856	580.630	0.000	580.620	0.000	581.010	3.609	581.610	25.22 *	581.775	26.65
17	580.770	1.954	580.670	0.000	580.620	0.000	580.960	2.757 *	581.435	19.25	581.810	31.52
18	580.730	1.686	580.620	0.000	581.350	16.83	580.870	1.411 #	581.330	15.55 *	581.300	14.67 #
19	580.730	1.896	580.630	0.000	581.455	24.71	580.780	0.450 #	581.480	24.85	581.660	29.06
20	580.770	1.994	580.610	0.000	581.590	28.69	580.740	0.170 *	581.450	22.56	581.415	19.04
21	580.950	4.850 *	580.600	0.000	581.500	25.76	580.750	0.230	581.490	22.92	581.640	23.92
22	580.920	4.165	580.610	0.000	581.430	18.74	580.900	1.821 #	581.560	23.29 *	581.750	31.08 *
23	580.885	3.234	580.610	0.000	581.770	32.61 *	580.935	2.349	581.550	26.14	581.735	29.67
24	580.800	2.108	580.600	0.000	581.770	31.16	580.930	2.264	581.420	18.36 *	581.890	30.64
25	580.770	2.145	580.640	0.000	581.570	26.24	581.270	13.82 *	581.300	14.67 *	581.800	33.35 *
26	580.760	2.032	580.630	0.000	581.620	28.25	581.600	24.82 *	581.300	14.67 *	581.610	24.14
27	580.740	1.882	580.625	0.000	581.460	22.77	581.820	34.28 *	581.420	21.02	581.415	21.02
28	580.730	1.588 *	580.630	0.000	581.645	28.68	581.975	38.83	581.340	15.85 #	581.690	26.28
29	580.730	1.841	580.610	0.000	581.500	25.30	582.060	51.51	581.330	15.55 *	581.250	13.26 *
30	580.700	1.626	580.600	0.000	581.550	24.41 *	582.050	43.95	581.810	33.81 *	581.580	27.00
31			580.620	0.000	581.460	23.39			581.840	35.23 *		
Ten-Daily Mean												
I Ten-Daily	581.513	26.75	580.651	0.000	580.922	5.177	581.611	27.54	582.077	57.94	582.835	133.2
II Ten-Daily	580.772	2.011	580.633	0.000	580.856	7.023	581.085	8.834	581.793	41.05	581.888	38.34
III Ten-Daily	580.798	2.547	580.616	0.000	581.570	26.12	581.429	21.39	581.487	21.95	581.636	26.03
Monthly												
Min.	580.700	1.588	580.600	0.000	580.560	0.000	580.740	0.170	581.300	14.67	581.250	13.26
Max.	582.050	50.34	580.700	0.000	581.770	32.61	582.670	73.67	583.750	222.3	585.220	449.2
Mean	581.028	10.44	580.633	0	581.131	13.2	581.375	19.25	581.776	39.72	582.120	65.87

Annual Runoff in MCM = 414 Annual Runoff in mm = 52

Peak Observed Discharge = 222.3 cumecs on 06/10/2015 Corres. Water Level :583.75 m

Lowest Observed Discharge = 0.000 cumecs on 01/07/2015 Corres. Water Level :580.7 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 2015 - 2016

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	581.450	15.25 #	580.800	2.768	580.620	0.000	580.570	0.000	580.580	0.000	580.520	0.000
2	581.578	26.12	580.650	0.000	580.610	0.000	580.580	0.000	580.580	0.000	580.530	0.000
3	581.920	31.75	580.630	0.000	580.600	0.000	580.560	0.000	580.570	0.000	580.520	0.000
4	581.720	27.05	580.630	0.000	580.600	0.000	580.570	0.000	580.570	0.000	580.560	0.000
5	581.410	13.84 #	580.600	0.000	580.630	0.000	580.620	0.000	580.580	0.000	580.480	0.000
6	581.420	14.19 *	580.610	0.000	580.610	0.000	580.590	0.000	580.490	0.000	580.510	0.000
7	581.270	9.508 #	580.600	0.000	580.620	0.000	580.570	0.000	580.490	0.000	580.520	0.000
8	581.040	4.580	580.580	0.000	580.610	0.000	580.560	0.000	580.490	0.000	580.530	0.000
9	581.010	3.887	580.580	0.000	580.630	0.000	580.580	0.000	580.500	0.000	580.520	0.000
10	581.090	4.876	580.590	0.000	580.630	0.000	580.610	0.000	580.560	0.000	580.520	0.000
11	581.080	4.833	580.580	0.000	580.640	0.000	580.590	0.000	580.590	0.000	580.530	0.000
12	581.095	4.896	580.560	0.000	580.630	0.000	580.600	0.000	580.590	0.000	580.490	0.000
13	581.140	6.272 *	580.530	0.000	580.650	0.000	580.580	0.000	580.580	0.000	580.510	0.000
14	581.045	4.356	580.530	0.000	580.660	0.000	580.560	0.000	580.580	0.000	580.500	0.000
15	581.210	7.922 #	580.530	0.000	580.630	0.000	580.580	0.000	580.570	0.000	580.510	0.000
16	581.330	6.973	580.580	0.000	580.650	0.000	580.570	0.000	580.550	0.000	580.500	0.000
17	580.985	3.782	580.630	0.000	580.640	0.000	580.560	0.000	580.540	0.000	580.500	0.000
18	581.170	5.537 #	580.620	0.000	580.630	0.000	580.590	0.000	580.540	0.000	580.490	0.000
19	581.100	4.920	580.630	0.000	580.630	0.000	580.610	0.000	580.540	0.000	580.520	0.000
20	581.180	5.638 *	580.640	0.000	580.640	0.000	580.600	0.000	580.630	0.000	580.500	0.000
21	581.100	5.088	581.060	4.456	580.650	0.000	580.570	0.000	580.510	0.000	580.510	0.000
22	581.000	3.802	581.080	4.768	580.630	0.000	580.560	0.000	580.480	0.000	580.500	0.000
23	581.080	5.200	581.120	5.044 #	580.620	0.000	580.570	0.000	580.480	0.000	580.510	0.000
24	581.050	4.384 *	580.980	3.762 *	580.610	0.000	580.580	0.000	580.510	0.000	580.480	0.000
25	581.140	5.239 *	580.940	3.124	580.610	0.000	580.580	0.000	580.540	0.000	580.510	0.000
26	581.130	5.141 #	580.880	2.941 *	580.650	0.000	580.580	0.000	580.580	0.000	580.490	0.000
27	580.950	3.508 *	580.795	2.230	580.640	0.000	580.560	0.000	580.550	0.000	580.500	0.000
28	580.910	3.077	580.750	1.983	580.610	0.000	580.580	0.000	580.520	0.000	580.530	0.000
29	580.765	1.992	580.640	0.000	580.600	0.000	580.540	0.000	580.500	0.000	580.530	0.000
30	580.900	2.826	580.630	0.000			580.550	0.000	580.500	0.000	580.510	0.000
31	580.740	2.002	580.630	0.000			580.570	0.000			580.510	0.000
Ten-Daily Mean												
I Ten-Daily	581.391	15.11	580.627	0.277	580.616	0.000	580.581	0.000	580.541	0.000	580.521	0.000
II Ten-Daily	581.134	5.513	580.583	0.000	580.640	0.000	580.584	0.000	580.571	0.000	580.505	0.000
III Ten-Daily	580.979	3.842	580.864	2.573	580.624	0.000	580.567	0.000	580.517	0.000	580.507	0.000
Monthly												
Min.	580.740	1.992	580.530	0.000	580.600	0.000	580.540	0.000	580.480	0.000	580.480	0.000
Max.	581.920	31.75	581.120	5.044	580.660	0.000	580.620	0.000	580.630	0.000	580.560	0.000
Mean	581.161	8.015	580.697	1.002	580.627	0	580.577	0	580.543	0	580.511	0

Peak Computed Discharge = 449.2 cumecs on 05/11/2015 **Corres. Water Level :585.22 m**

Lowest Computed Discharge = 0.170 cumecs on 20/09/2015 **Corres. Water Level :580.74 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

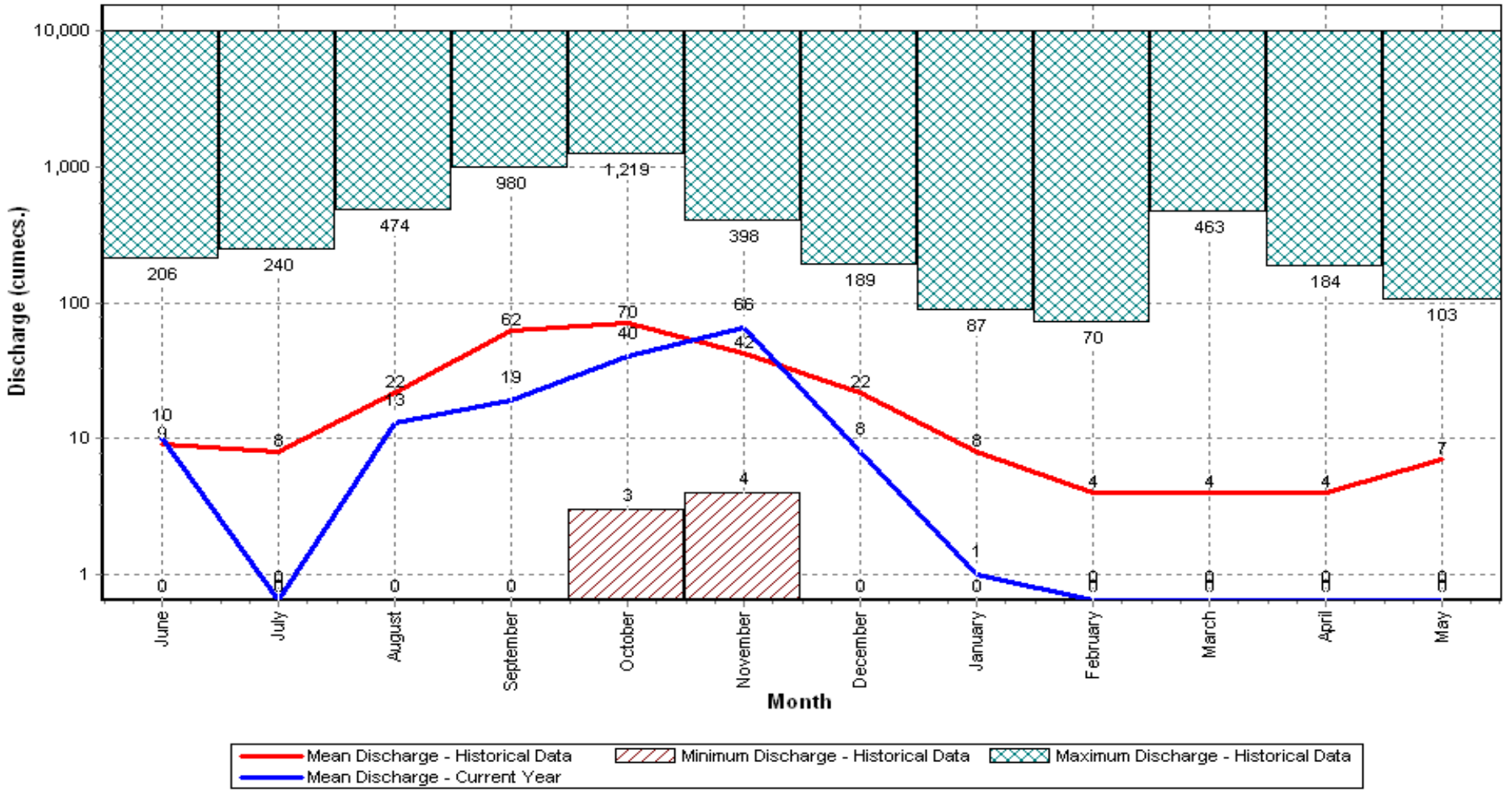
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : T.K.Halli (CCM00B9) | **Data considered : 1979-2016** | **Division : Cauvery Division, Bangalore**

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



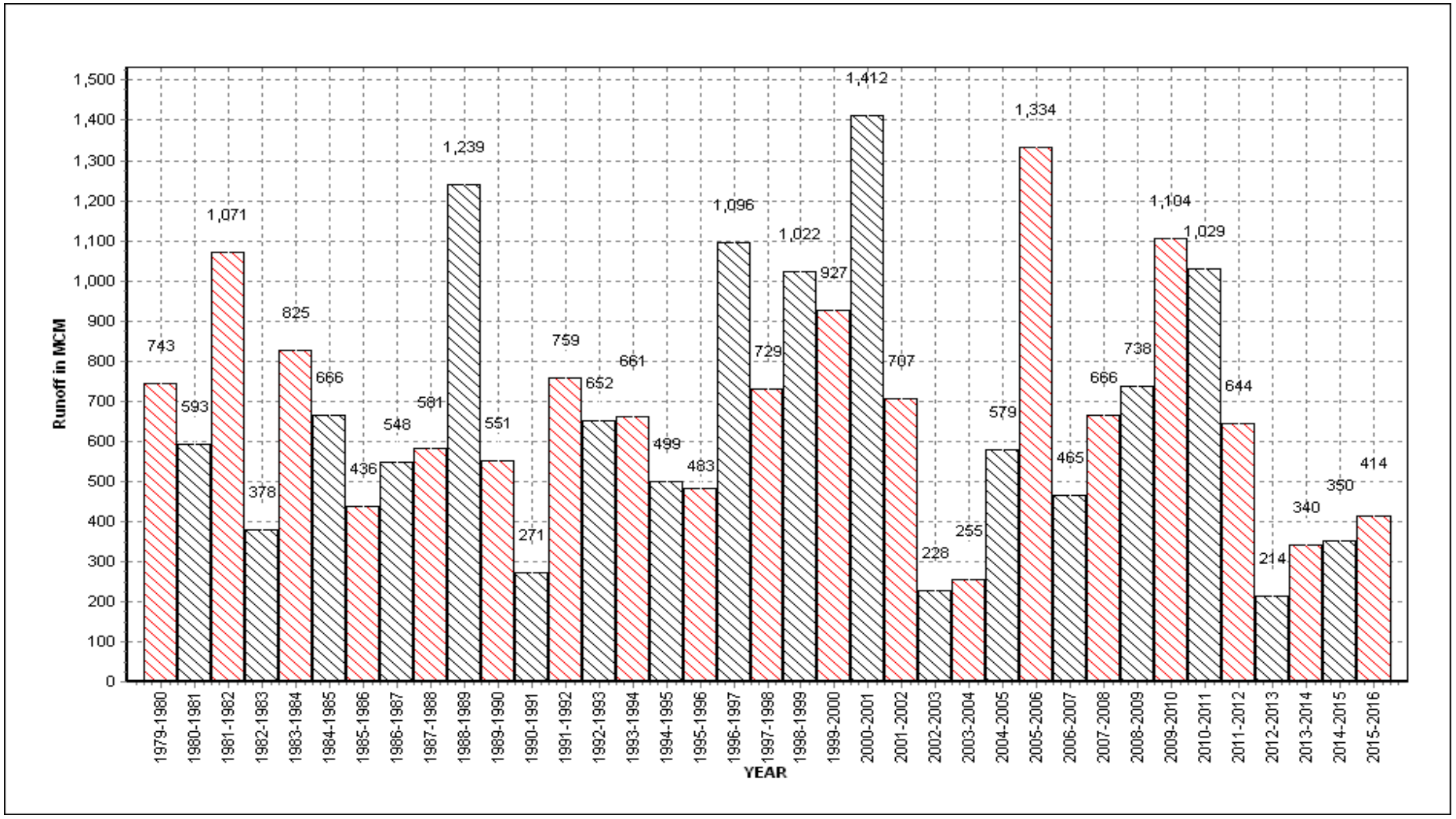
Annual Runoff Values for the period: 1979 - 2016

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

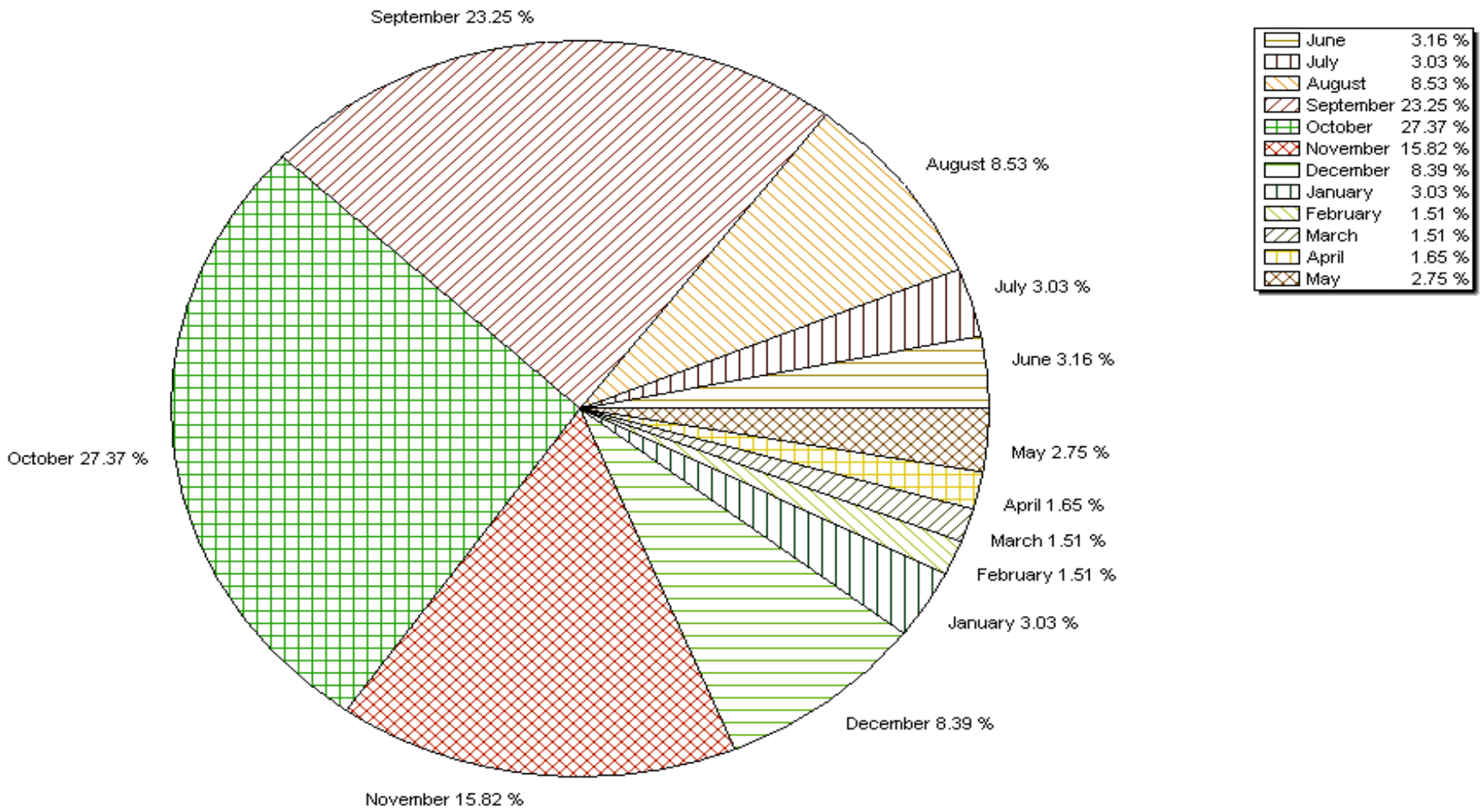


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1979-2015

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

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



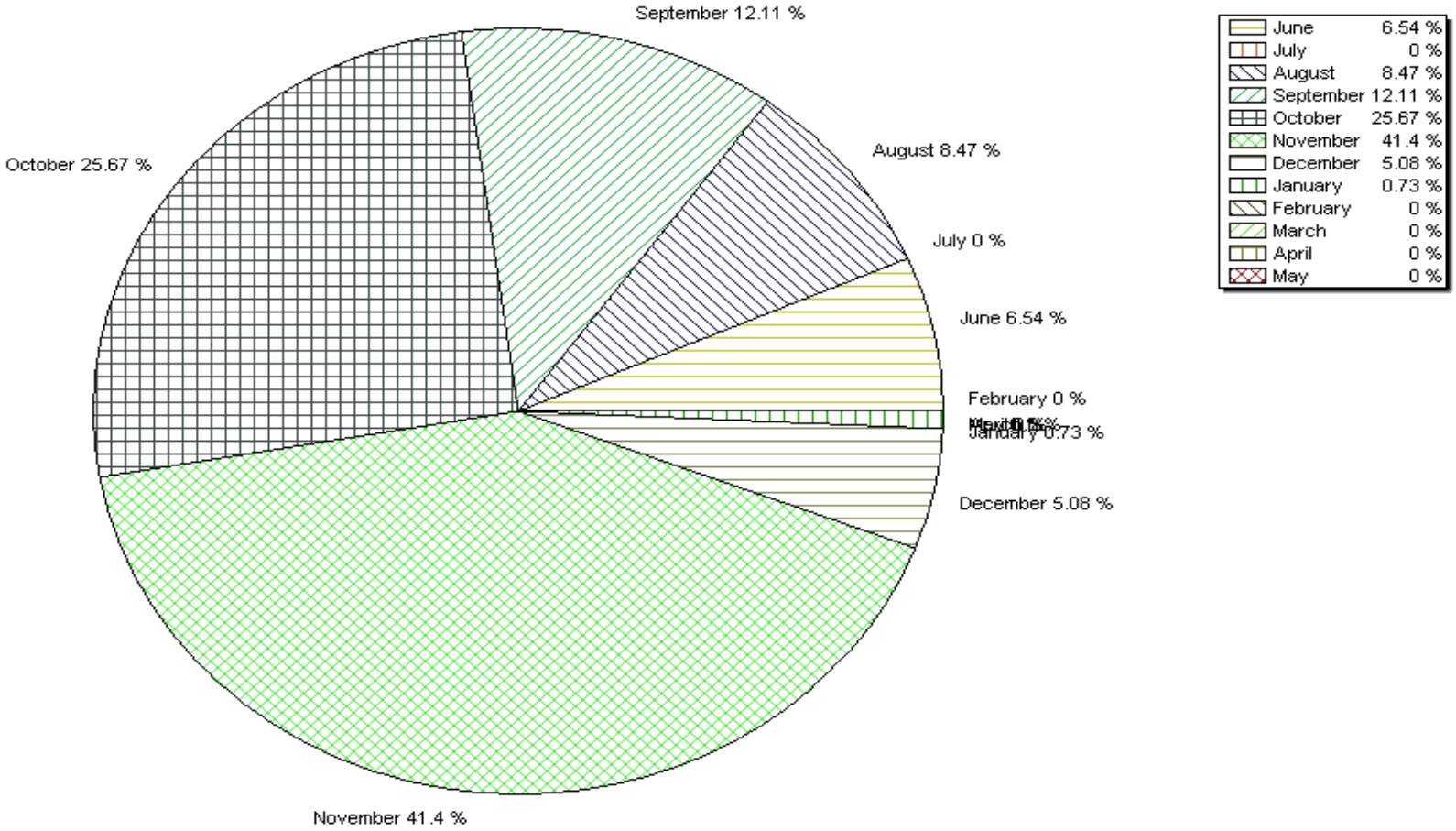
Monthly Runoff for the Year : 2015-2016

Station Name : T.K.Halli (CCM00B9)

Division : Cauvery Division, Bangalore

Local River : Shimsa

Sub-Division : Upper Cauvery SD, Bangalore



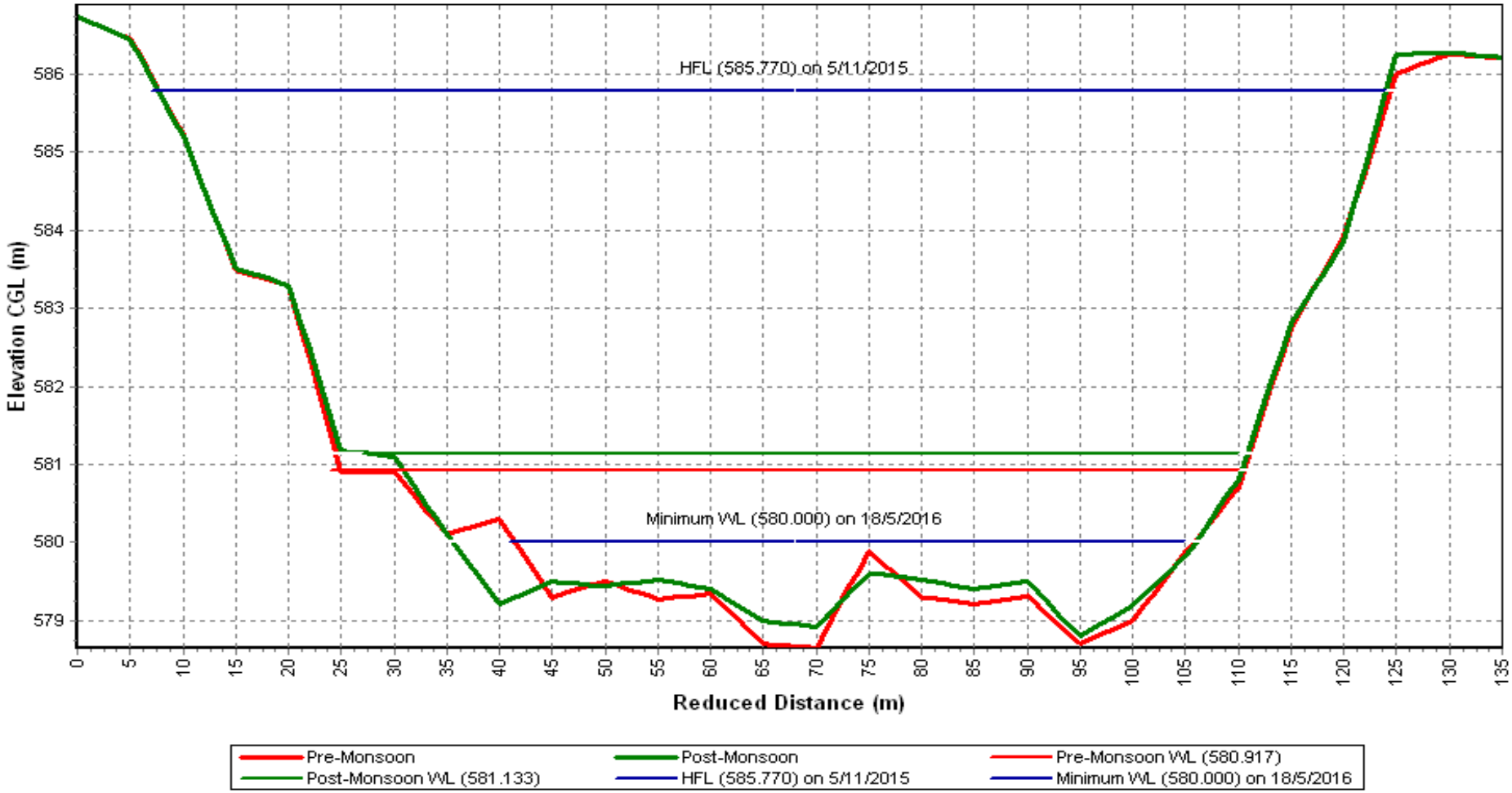
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

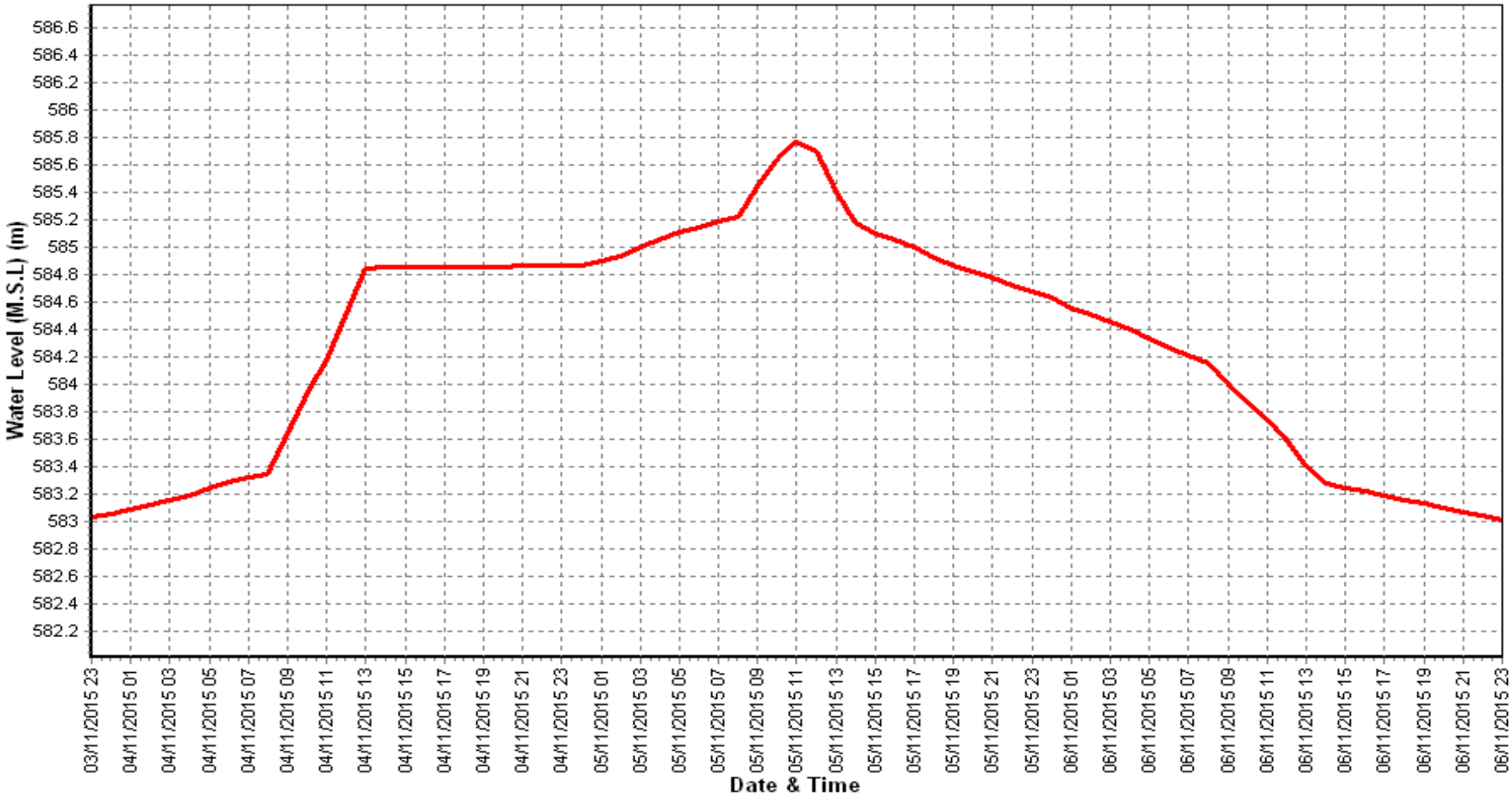
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

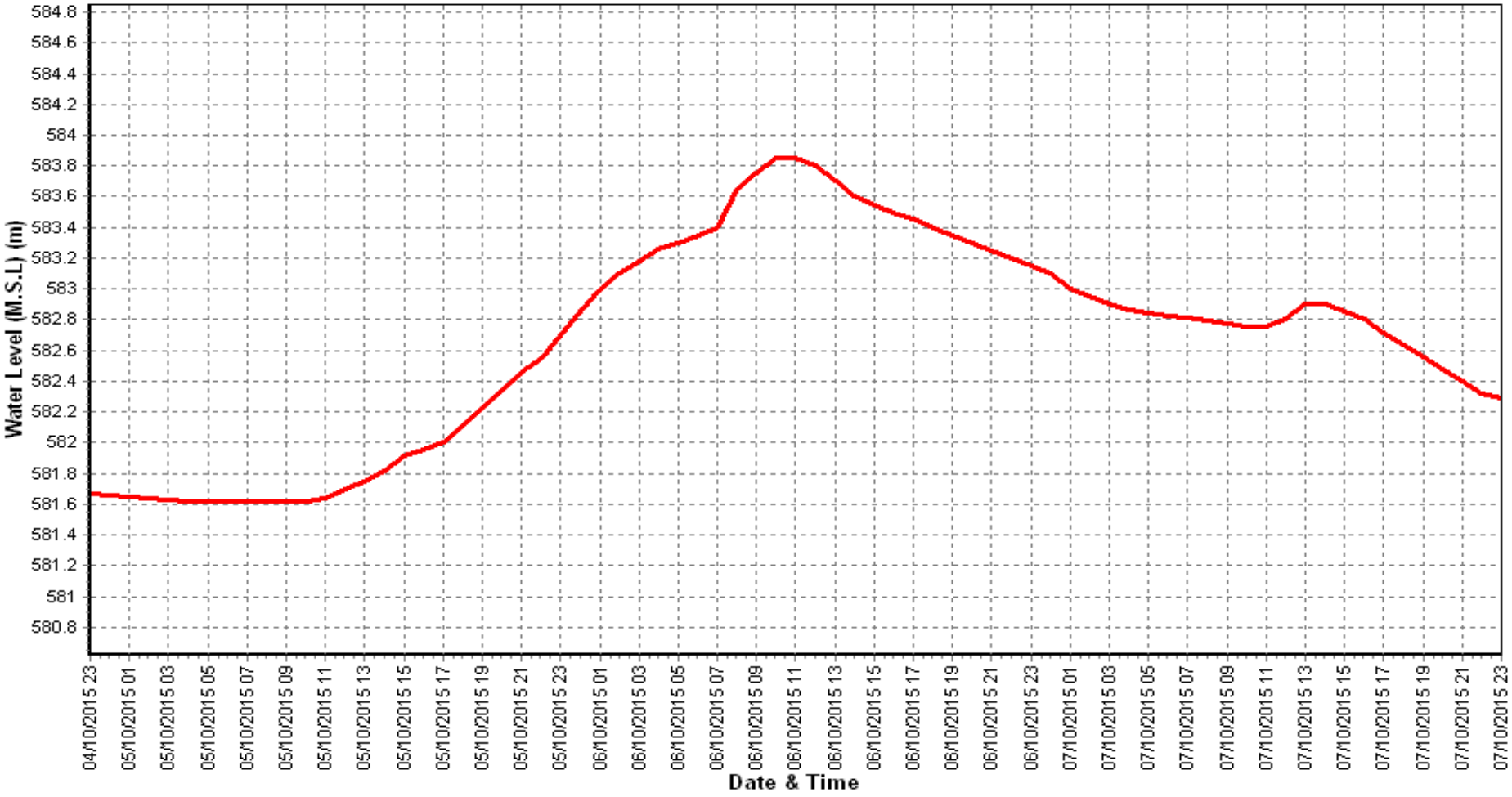
Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore

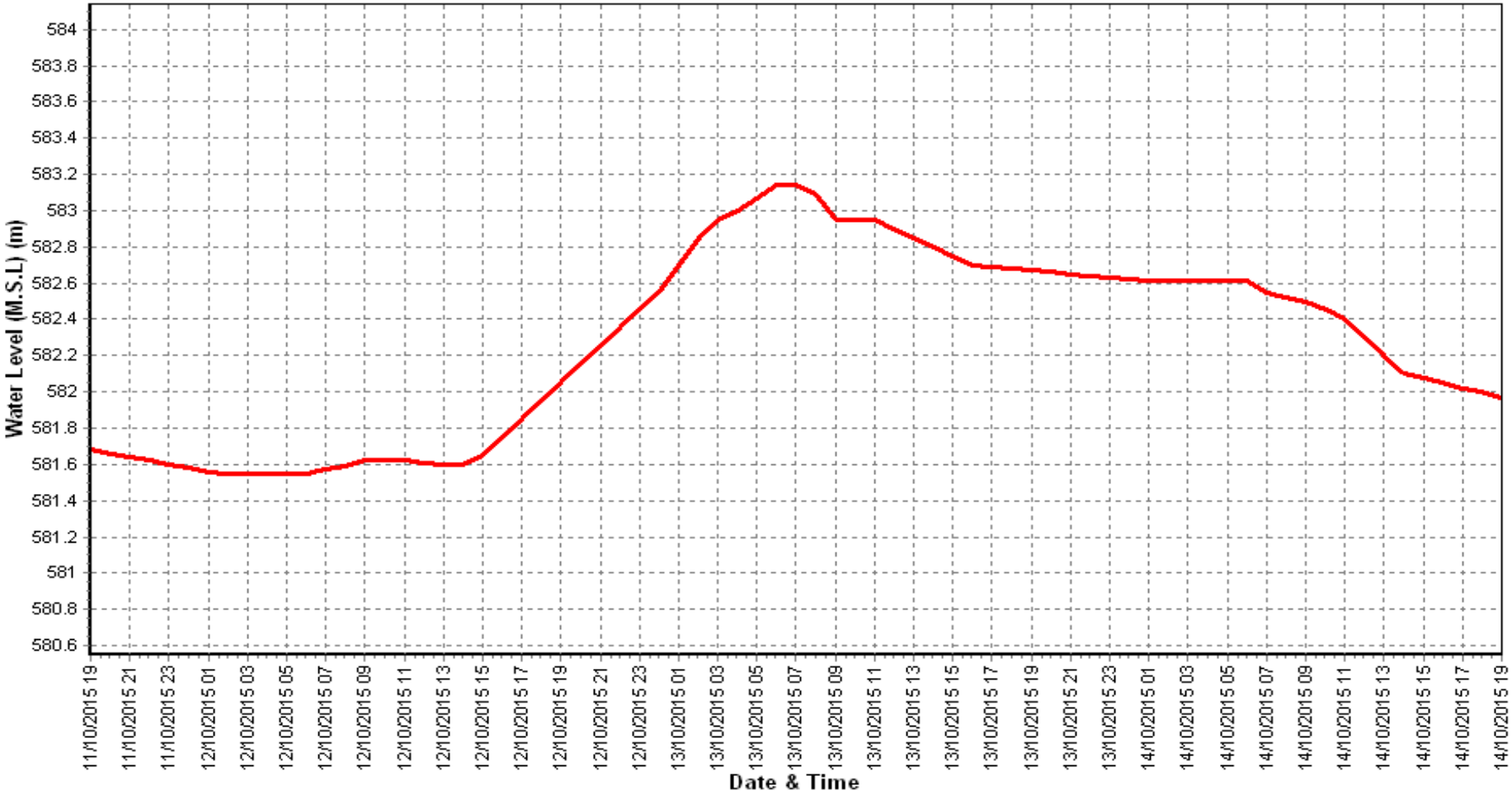


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

*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 2015 - 2016

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	624.760	68.96	625.280	357.8	625.005	197.5	624.980	184.7	624.980	187.8	624.900	125.3 *
2	624.850	84.75 #	625.120	175.0	624.920	129.7 *	624.920	121.3	625.040	220.4 *	624.860	94.25
3	624.880	75.30	625.000	153.8	624.910	133.3	624.920	121.3	625.040	240.5	625.170	303.6
4	624.780	55.63	624.970	140.6	624.850	93.33	624.860	65.05	624.940	150.2 *	625.080	283.6
5	624.930	127.1	624.900	102.5 *	624.800	77.37	624.850	64.66	624.920	136.0	625.350	434.9
6	624.880	75.45	624.880	72.17	624.780	67.38	624.850	61.70 *	625.265	383.4	625.250	335.1
7	624.785	64.64 *	624.860	65.05	624.800	74.59	624.890	73.43	625.160	300.8	625.020	232.1
8	624.680	43.40	624.850	64.66	624.770	59.32	624.950	136.2	624.970	186.1	624.850	96.68 *
9	624.650	38.78	624.850	64.66	624.750	56.41 *	624.860	65.05	624.850	93.56	624.790	80.91
10	624.640	37.88	624.840	56.72	624.750	54.64	624.830	55.37	624.780	67.40	624.910	135.1
11	624.615	26.44 *	624.890	73.43	624.750	54.15	624.840	56.73	624.780	61.90 *	625.200	354.4 *
12	624.600	27.48	624.970	119.8 *	624.790	68.98	624.840	56.73	624.910	133.2	625.080	286.0
13	624.590	18.05	624.930	121.9	624.770	58.69	624.780	61.90 *	625.030	237.4	624.960	190.9
14	624.590	22.44 *	624.970	140.7	625.060	213.7	624.750	47.78	624.940	150.3	624.880	96.13
15	624.590	18.05	624.980	143.1	625.105	247.3 *	624.760	50.89	624.860	93.47	624.840	91.36 *
16	624.580	22.70	624.960	137.0	625.170	298.2 *	624.770	53.35	624.830	88.73	624.870	94.18
17	624.580	22.70	624.930	121.8	625.190	316.0	624.770	57.44 *	624.790	80.36	624.870	95.49
18	624.590	18.05	625.080	178.2 *	625.200	327.9	624.880	97.38	624.780	61.90 *	624.900	132.9
19	624.610	24.61	625.180	241.7 *	625.235	277.7	624.890	98.46	624.820	87.39	624.880	96.09
20	624.620	27.70	625.570	528.3	625.365	461.2	624.970	170.1 *	624.830	89.71	625.010	215.3
21	624.630	29.03 *	625.650	680.8	625.345	427.7	625.120	300.0	624.840	92.24	625.000	210.1
22	624.630	29.03 #	625.530	507.1	625.305	445.0	625.190	383.8	624.850	96.68 *	624.920	137.5 *
23	624.630	29.03 #	625.300	358.5	625.470	601.0 *	625.120	330.1	624.860	94.07	624.870	95.03
24	624.640	33.86	625.295	410.0	625.500	664.0	625.160	300.5	624.870	107.8 *	624.860	94.02
25	625.100	169.0	625.270	385.4	625.460	591.3	625.450	612.1 *	624.840	91.36 *	624.850	96.68 *
26	625.320	362.9	625.260	377.3 *	625.380	527.2	625.610	806.8	624.840	92.01	624.810	76.04 #
27	625.450	445.2	625.260	367.8	625.180	314.5	625.410	567.1 *	624.830	89.33	624.830	88.27
28	625.570	557.7 *	625.250	359.6	625.050	242.3	625.420	548.7	624.860	95.15	624.830	88.54
29	624.980	143.4	625.220	327.9	625.040	240.1	625.270	395.2	624.890	99.70	624.870	107.8 *
30	625.400	389.1	625.220	339.0	625.050	208.1 *	625.100	293.2	624.970	186.4	624.940	179.0
31			625.190	316.1	625.010	211.5			624.940	150.2		
Ten-Daily Mean												
I Ten-Daily	624.784	67.19	624.955	125.3	624.833	94.36	624.891	94.89	624.995	196.6	625.018	212.2
II Ten-Daily	624.596	22.82	625.046	180.6	625.063	232.4	624.825	75.07	624.857	108.4	624.949	165.3
III Ten-Daily	625.035	218.8	625.313	402.7	625.254	406.6	625.285	453.7	624.872	108.6	624.878	117.3
Monthly												
Min.	624.580	18.05	624.840	56.72	624.750	54.15	624.750	47.78	624.780	61.90	624.790	76.04
Max.	625.570	557.7	625.650	680.8	625.500	664.0	625.610	806.8	625.265	383.4	625.350	434.9
Mean	624.805	102.9	625.111	241.6	625.057	249.7	625.000	207.9	624.907	137	624.948	164.9

Annual Runoff in MCM = 3182 Annual Runoff in mm = 151

Peak Observed Discharge = 806.8 cumecs on 26/09/2015 Corres. Water Level :625.61 m

Lowest Observed Discharge = 0.000 cumecs on 08/01/2016 Corres. Water Level :624.49 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 2015 - 2016

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	624.950	180.4	624.570	24.27	624.450	0.000	624.620	28.32 #	624.410	0.000	624.480	0.000
2	624.940	174.2	624.580	24.98	624.440	0.000	624.550	11.14	624.390	0.000	624.470	0.000
3	624.950	180.3	624.580	23.98 *	624.470	0.000	624.520	0.000	624.380	0.000	624.500	0.000
4	624.920	135.9	624.580	23.29	624.550	17.49	624.520	0.000	624.370	0.000	624.490	0.000
5	624.840	92.76	624.570	22.48	624.560	18.25	624.500	0.000	624.350	0.000	624.500	0.000
6	624.810	85.07 *	624.560	19.85	624.580	25.01	624.510	0.000	624.330	0.000	624.490	0.000
7	624.770	58.78	624.540	18.18	624.560	20.65 *	624.500	0.000	624.280	0.000	624.520	0.000
8	624.740	53.44	624.490	0.000	624.550	20.25	624.510	0.000	624.250	0.000	624.580	0.000
9	624.720	49.74	624.500	0.000	624.540	19.81	624.490	0.000	624.220	0.000	624.570	12.63
10	624.700	47.14	624.510	0.000	624.480	0.000	624.500	0.000	624.360	0.000	624.520	0.000
11	624.700	47.02	624.520	0.000	624.460	0.000	624.500	0.000	624.630	35.98	624.500	0.000
12	624.690	46.78	624.520	0.000	624.450	0.000	624.500	0.000	624.635	39.17	624.520	0.000
13	624.700	50.40 *	624.530	0.000	624.430	0.000	624.510	0.000	624.650	38.42 #	624.500	0.000
14	624.710	48.81	624.580	24.94	624.420	0.000	624.510	0.000	624.650	38.42 *	624.460	0.000
15	624.780	67.90	624.640	35.78 *	624.410	0.000	624.480	0.000	624.580	14.39	624.440	0.000
16	624.750	55.06	624.640	36.60	624.390	0.000	624.480	0.000	624.540	11.47	624.430	0.000
17	624.740	53.25	624.620	31.54 *	624.380	0.000	624.470	0.000	624.520	0.000	624.490	0.000
18	624.750	55.07	624.650	39.67	624.360	0.000	624.500	0.000	624.460	0.000	624.490	0.000
19	624.720	50.07	624.600	26.53	624.350	0.000	624.480	0.000	624.480	0.000	624.550	13.72
20	624.690	47.75 *	624.590	27.36	624.340	0.000	624.470	0.000	624.490	0.000	624.590	17.60
21	624.680	45.94	624.570	22.46	624.330	0.000	624.480	0.000	624.490	0.000	624.600	22.56 *
22	624.660	40.75	624.580	24.99	624.300	0.000	624.490	0.000	624.480	0.000	624.640	34.86 *
23	624.660	40.79	624.570	24.17	624.280	0.000	624.490	0.000	624.470	0.000	624.590	17.63
24	624.650	38.02 *	624.570	22.28 *	624.320	0.000	624.490	0.000	624.470	0.000	624.510	0.000
25	624.650	38.02 *	624.560	19.77	624.590	25.83	624.500	0.000	624.470	0.000	624.500	0.000
26	624.640	38.90	624.520	0.000	624.640	36.79	624.490	0.000	624.470	0.000	624.470	0.000
27	624.620	31.54 *	624.500	0.000	624.660	40.01	624.480	0.000	624.460	0.000	624.450	0.000
28	624.620	36.85	624.490	0.000	624.630	33.62 *	624.460	0.000	624.500	0.000	624.430	0.000
29	624.590	27.16	624.470	0.000	624.610	31.21	624.450	0.000	624.500	0.000	624.420	0.000
30	624.600	26.17	624.460	0.000			624.440	0.000	624.500	0.000	624.400	0.000
31	624.580	25.20	624.450	0.000			624.420	0.000			624.440	0.000
Ten-Daily Mean												
I Ten-Daily	624.834	105.8	624.548	15.70	624.518	12.15	624.522	3.946	624.334	0.000	624.512	1.263
II Ten-Daily	624.723	52.21	624.589	22.24	624.399	0.000	624.490	0.000	624.563	17.79	624.497	3.132
III Ten-Daily	624.632	35.39	624.522	10.33	624.484	18.61	624.472	0.000	624.481	0.000	624.495	6.823
Monthly												
Min.	624.580	25.20	624.450	0.000	624.280	0.000	624.420	0.000	624.220	0.000	624.400	0.000
Max.	624.950	180.4	624.650	39.67	624.660	40.01	624.620	28.32	624.650	39.17	624.640	34.86
Mean	624.726	63.52	624.552	15.91	624.467	9.963	624.494	1.273	624.459	5.929	624.501	3.839

Peak Computed Discharge = 612.1 cumecs on 25/09/2015 Corres. Water Level :625.45 m

Lowest Computed Discharge = 20.65 cumecs on 07/02/2016 Corres. Water Level :624.56 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

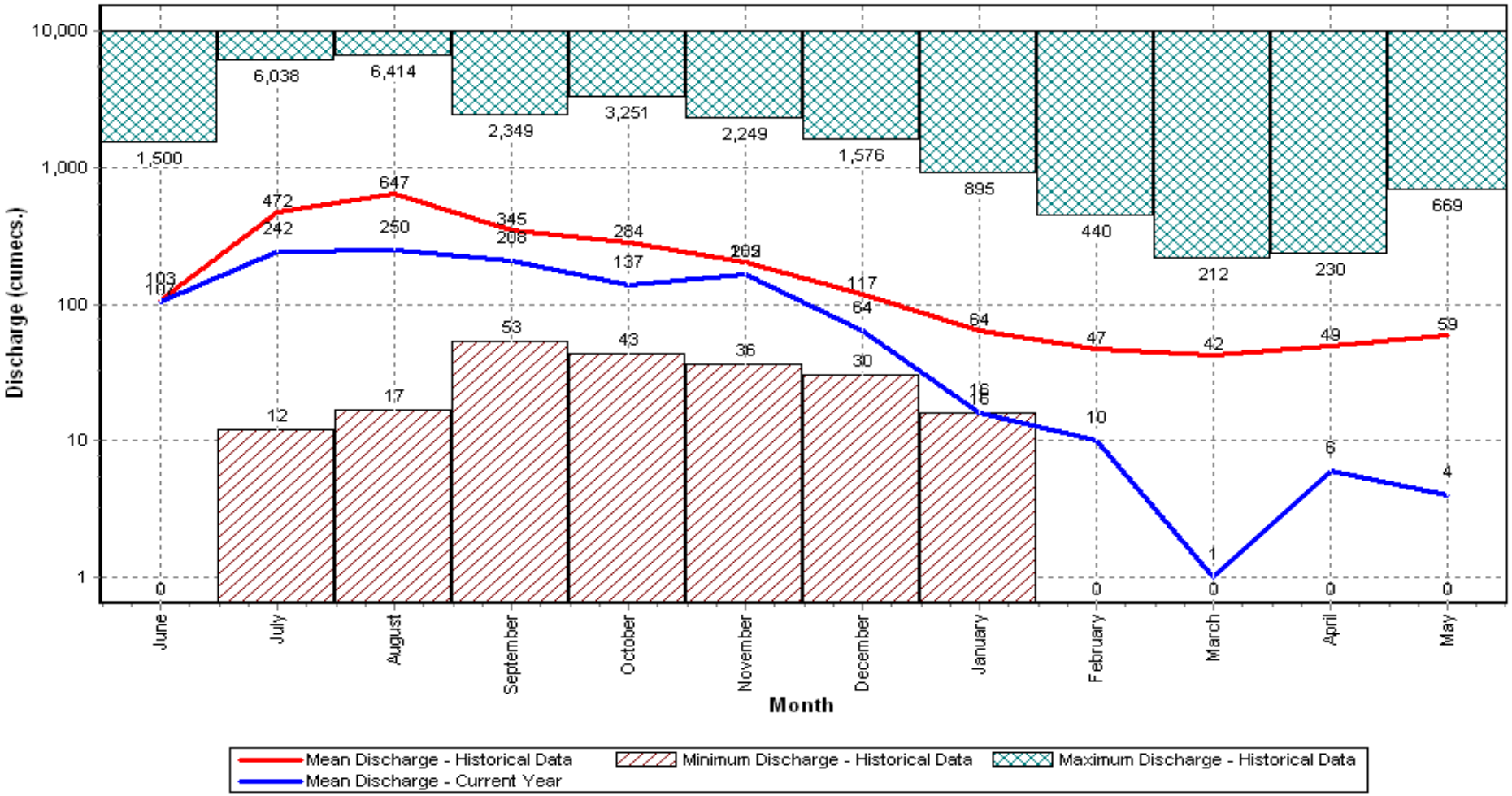
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Kollegal (CC000R5) | **Data considered : 1971-2016** | **Division : Cauvery Division, Bangalore**

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



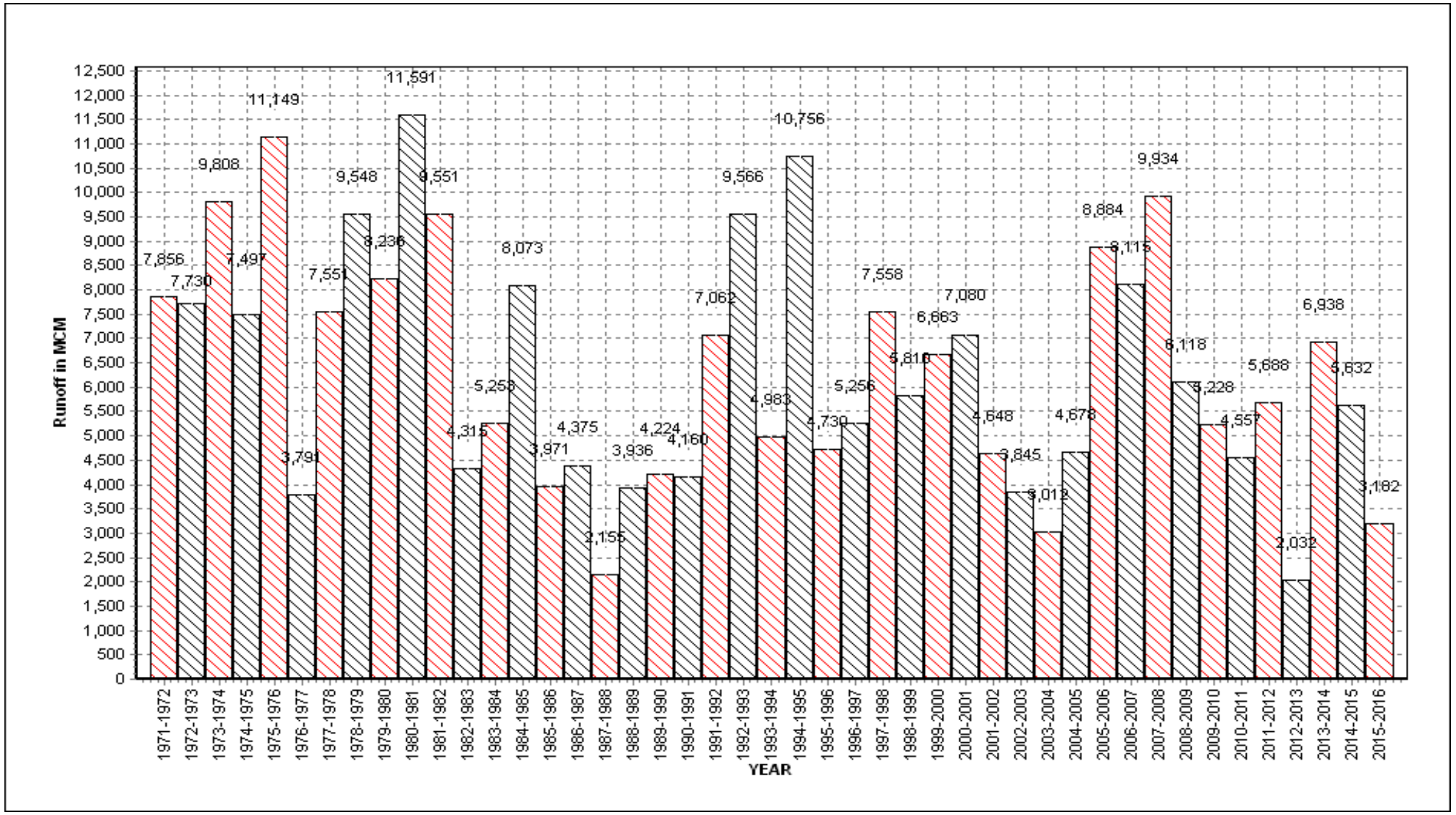
Annual Runoff Values for the period: 1971 - 2016

Station Name : Kollegal (CC000R5)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore

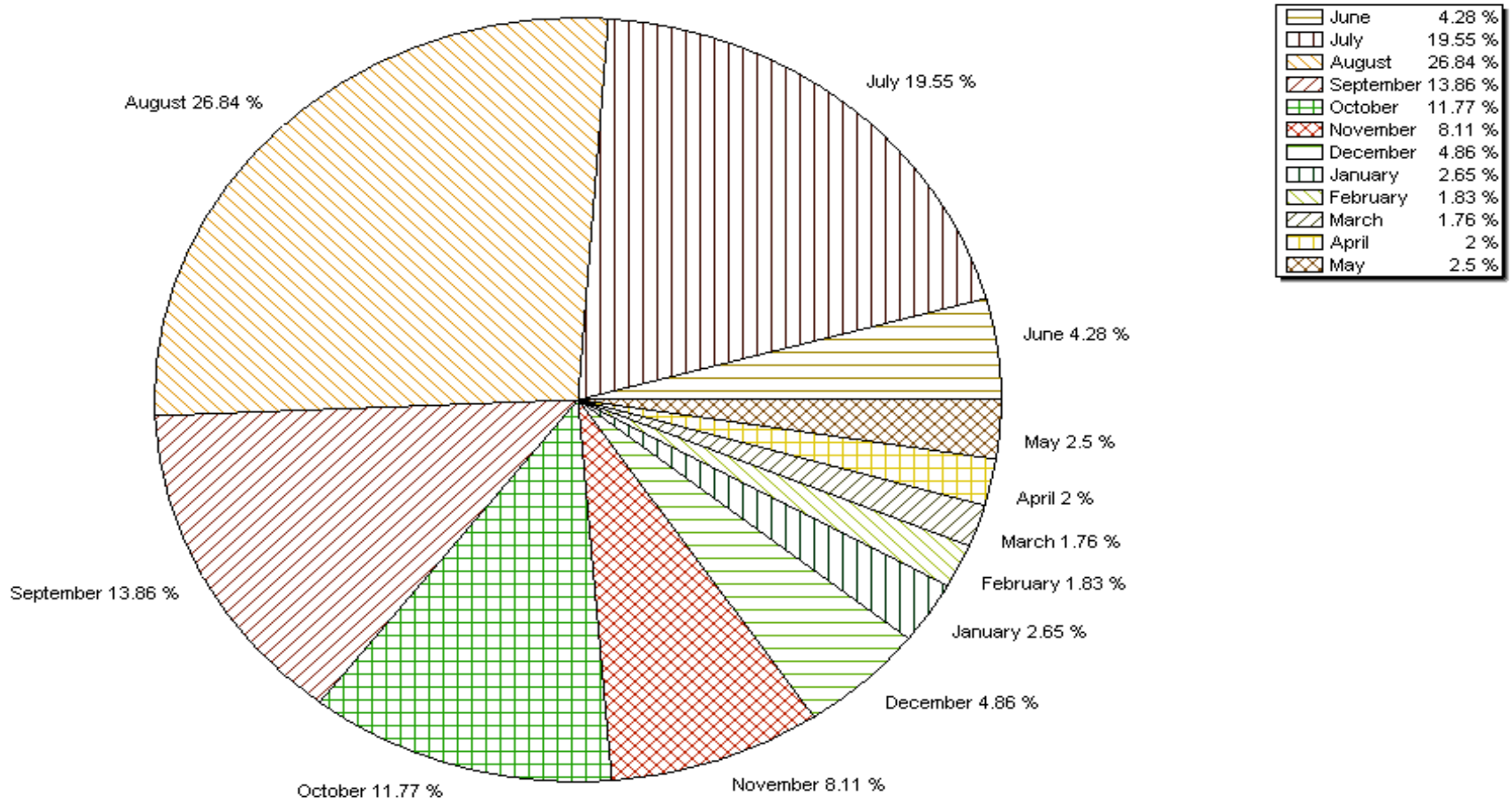


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1971-2015

Station Name : Kollegal (CC000R5)
Local River : Cauvery

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



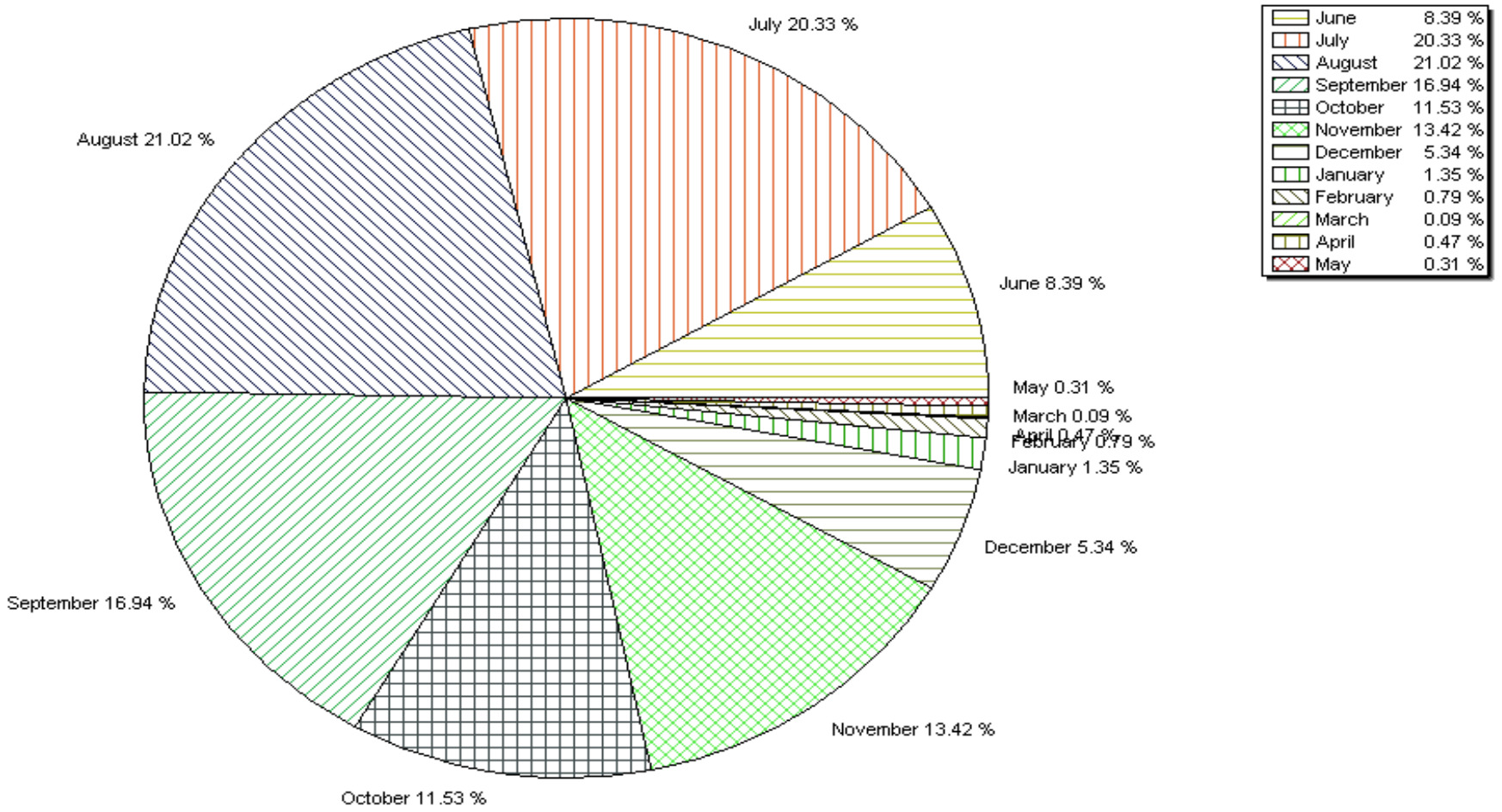
Monthly Runoff for the Year : 2015-2016

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

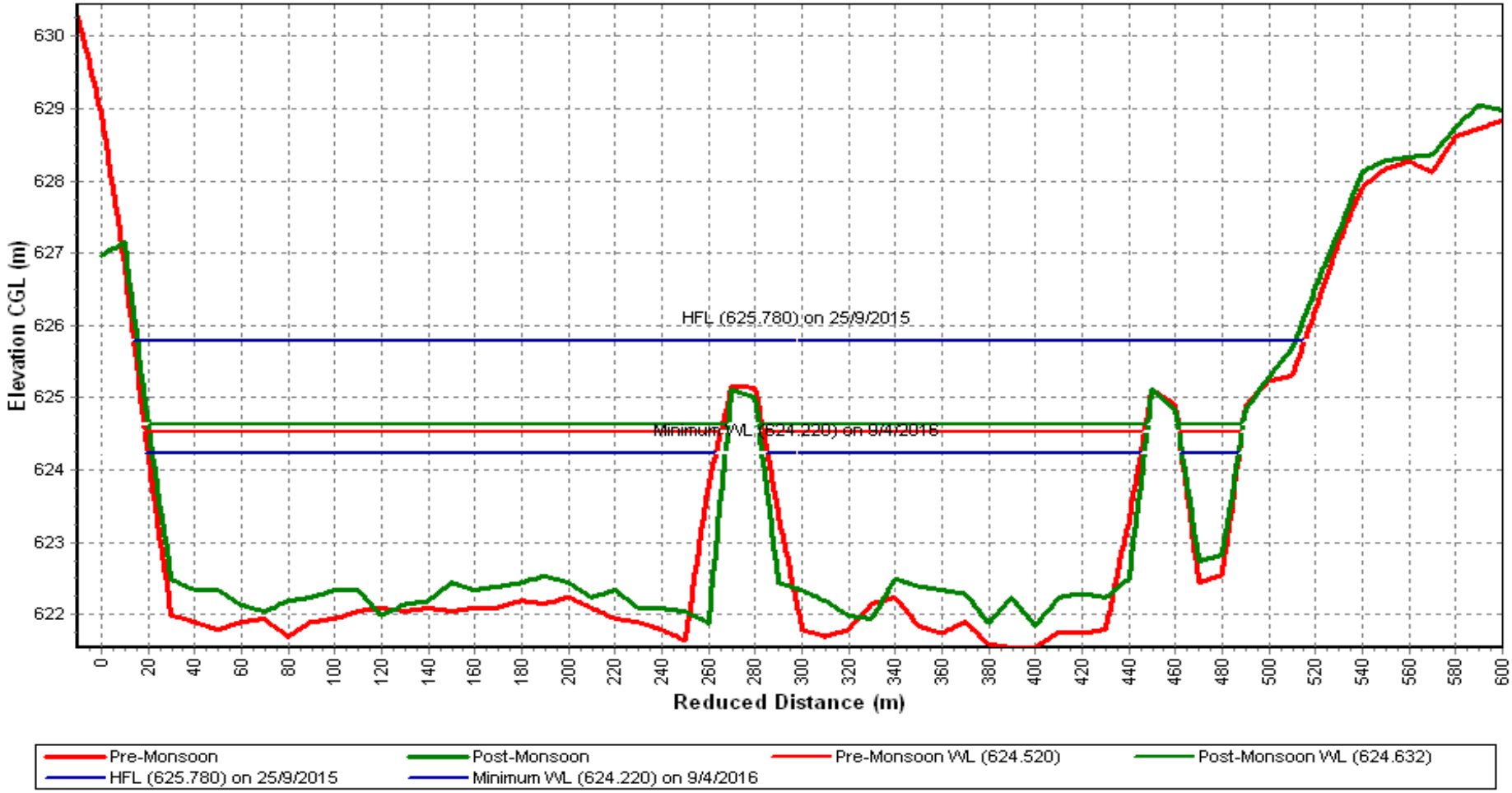
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

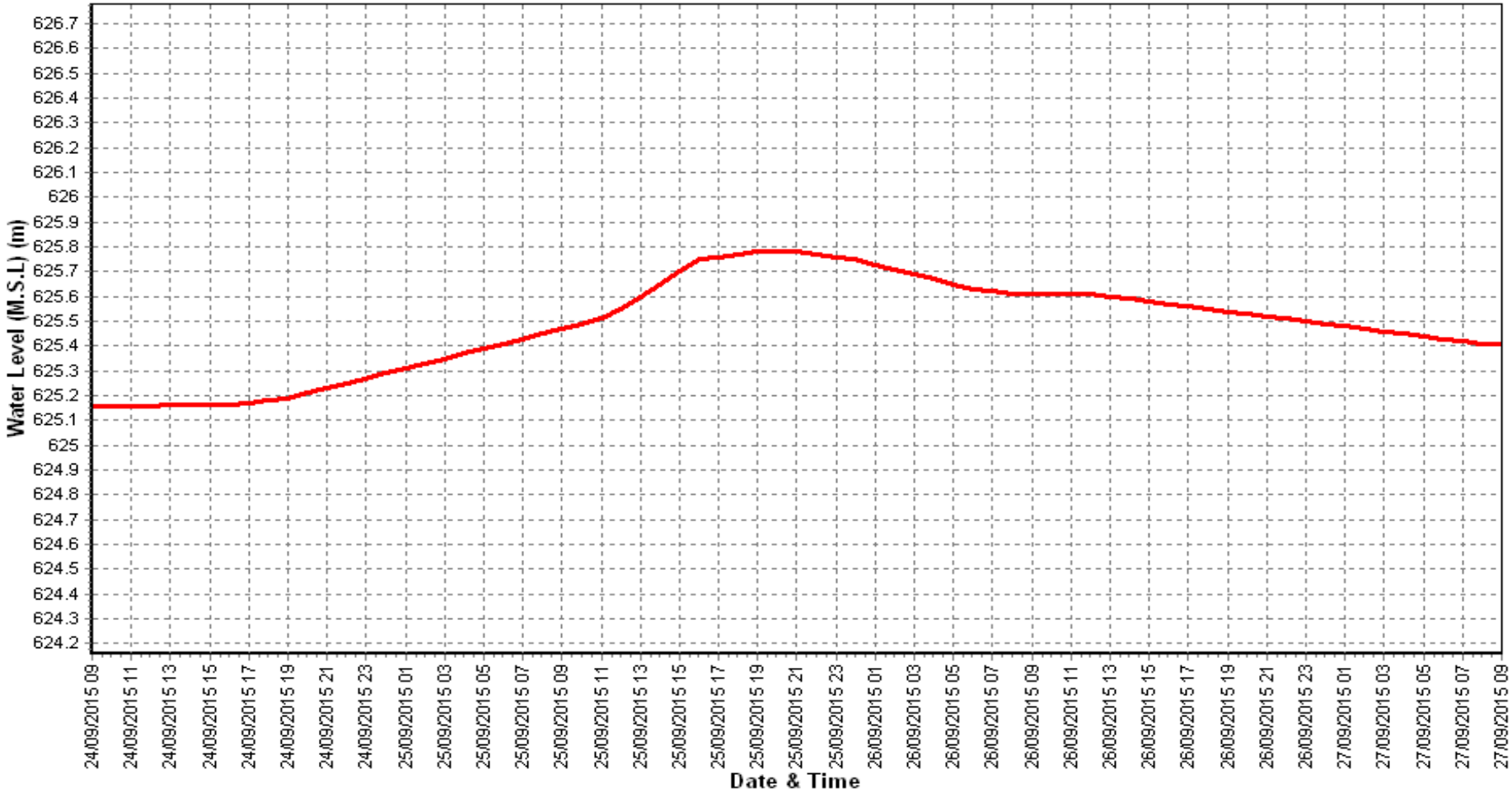
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

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

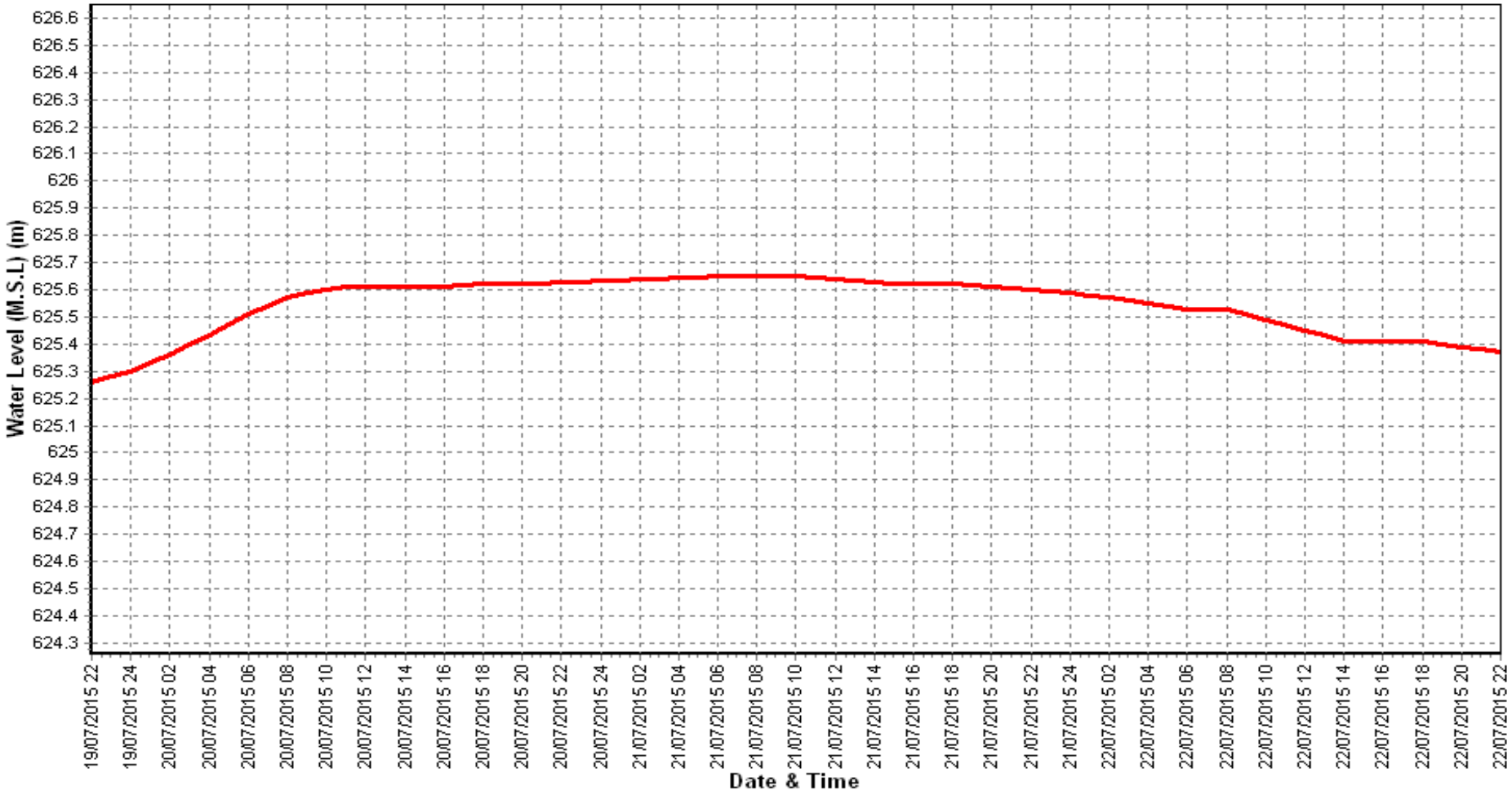


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

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

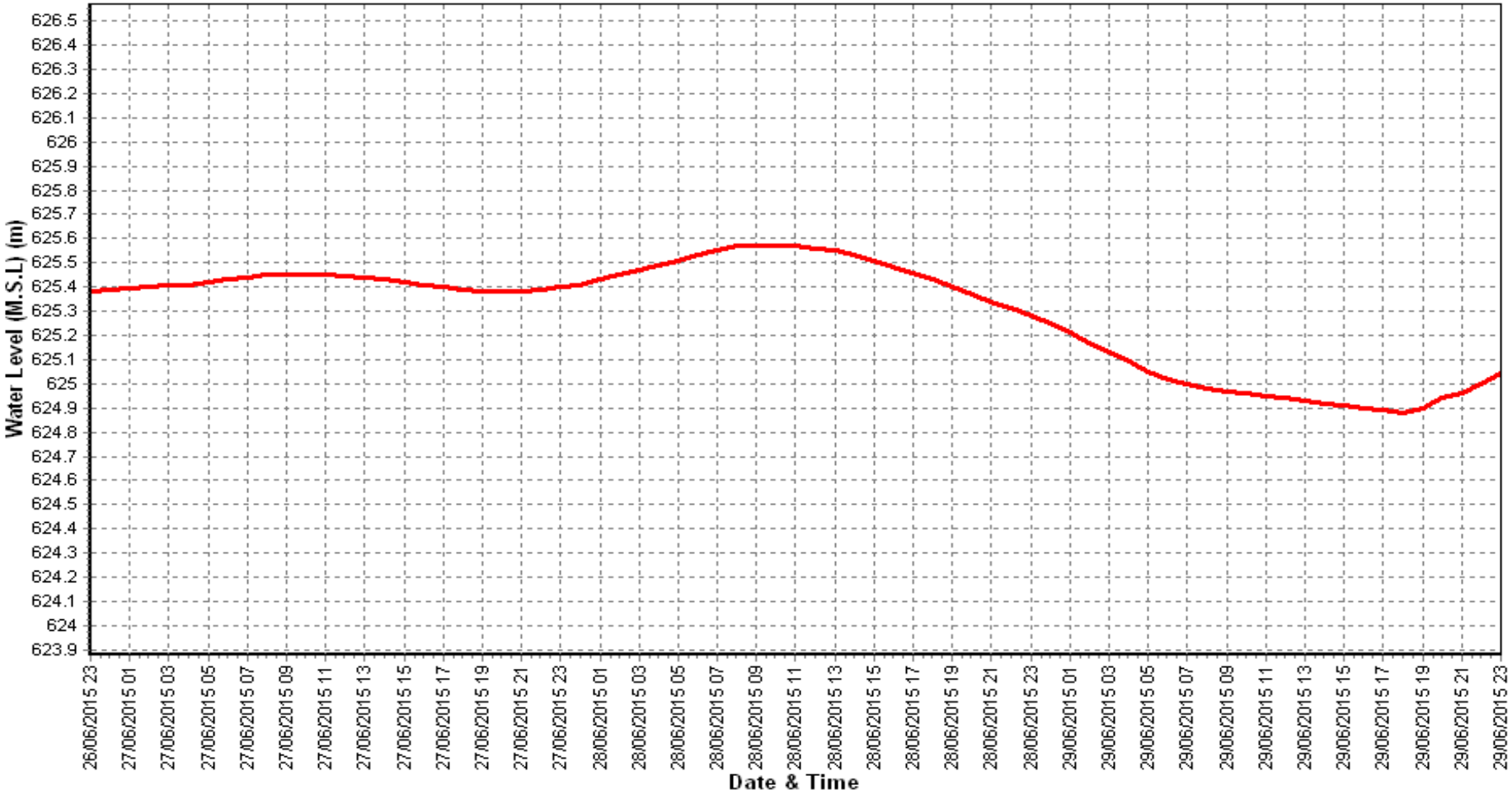


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

Station Name : Kollegal (CC000R5) **Division : Cauvery Division, Bangalore**

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	632.080	2.174	631.560	0.000	631.580	0.000	631.863	0.927	631.980	1.226	632.100	1.823 *
2	632.420	2.975	631.550	0.000	631.540	0.000	631.915	1.110	632.240	2.553 *	632.130	2.170
3	632.710	4.395	631.540	0.000	631.750	0.499	631.948	1.153	632.120	2.208	632.240	2.767
4	632.730	6.379	631.530	0.000	631.730	0.487	631.960	1.183	632.200	2.332 *	632.350	3.465
5	632.470	3.305	631.520	0.000	631.740	0.495	632.000	1.383	632.250	2.750	633.600	16.46
6	632.450	3.579	631.525	0.000	631.800	0.639	632.090	1.776 *	632.900	8.461	632.900	8.480
7	632.755	6.282 *	631.505	0.000	631.790	0.487	632.250	3.259	632.620	5.940	632.680	6.384
8	632.850	5.059	631.490	0.000	631.805	0.518	632.020	1.354	632.240	2.732	632.190	2.278 *
9	632.800	4.732	631.475	0.000	631.790	0.642 *	632.030	1.403	632.120	1.825	632.325	2.176
10	632.730	4.600	631.460	0.000	631.750	0.455	632.155	2.209	632.020	1.361	632.100	1.633
11	631.840	0.919	631.470	0.000	631.770	0.479	632.240	2.694	631.950	1.177 *	633.730	17.83 *
12	631.780	0.614 #	631.480	0.000	631.820	0.825	632.143	2.198	632.145	2.181	632.780	7.316
13	631.750	0.426	631.475	0.000	631.860	0.949	632.050	1.592	632.550	5.206	632.545	5.239
14	631.740	0.508 *	631.480	0.000	631.890	1.103	631.950	1.144	632.150	2.202	632.350	3.457
15	631.740	0.508 #	631.490	0.000	631.920	1.065 *	631.870	0.913	632.020	1.361	632.250	2.609 *
16	631.750	0.462	631.490	0.000	631.900	0.993 *	631.810	0.628	632.125	2.336	632.120	1.824
17	631.680	0.368 #	631.490	0.000	631.935	1.170	631.870	0.890 *	632.080	1.811	632.100	1.644
18	631.670	0.347 #	631.495	0.000	631.820	0.827	632.040	1.537	632.020	1.461 *	632.050	1.444
19	631.680	0.214	631.495	0.000	631.890	1.073	632.140	2.102	631.940	1.117	632.095	1.829
20	631.700	0.412 #	631.470	0.000	631.900	1.119	632.070	1.683 *	631.885	0.979	632.205	2.612
21	631.700	0.412 *	631.470	0.000	632.090	1.755	631.955	1.150	631.845	0.834	632.155	2.229
22	631.670	0.314	631.500	0.000	632.035	1.530	631.940	1.138	631.960	1.216 *	632.110	1.871 *
23	631.650	0.347	631.500	0.000	632.200	2.332 *	631.870	0.876	631.950	1.138	632.100	1.648
24	631.640	0.332	631.470	0.000	632.045	1.534	631.900	1.087	631.980	1.295 *	632.048	1.432
25	631.630	0.313	631.540	0.000	631.950	1.100	632.300	2.902 *	632.020	1.461 *	632.020	1.461 *
26	631.625	0.315	632.000	1.377 *	631.965	1.049	632.855	7.284	632.100	1.812	631.920	1.128
27	631.610	0.237	632.260	2.667 *	632.010	1.477	632.390	3.469 *	632.043	1.597	631.893	1.026
28	631.590	0.199 *	631.840	0.793 *	632.040	1.505	632.205	2.560	632.010	1.584	631.963	1.221
29	631.580	0.187	631.750	0.498	632.005	1.434	632.330	3.397	631.940	1.185	632.050	1.592 *
30	631.560	0.000	631.740	0.499	632.010	1.419 *	632.105	1.850	631.960	1.202	632.490	4.784
31			631.620	0.195	631.985	1.383			632.100	1.852		
Ten-Daily Mean												
I Ten-Daily	632.599	4.348	631.516	0.000	631.728	0.422	632.023	1.576	632.269	3.139	632.462	4.763
II Ten-Daily	631.733	0.478	631.484	0.000	631.870	0.960	632.018	1.538	632.087	1.983	632.422	4.580
III Ten-Daily	631.625	0.265	631.699	0.548	632.030	1.502	632.185	2.572	631.992	1.380	632.075	1.839
Monthly												
Min.	631.560	0.000	631.460	0.000	631.540	0.000	631.810	0.628	631.845	0.834	631.893	1.026
Max.	632.850	6.379	632.260	2.667	632.200	2.332	632.855	7.284	632.900	8.461	633.730	17.83
Mean	631.986	1.697	631.570	0.194	631.881	0.979	632.075	1.895	632.112	2.142	632.320	3.728

Annual Runoff in MCM = 32 Annual Runoff in mm = 17

Peak Observed Discharge = 16.46 cumecs on 05/11/2015 Corres. Water Level :633.6 m

Lowest Observed Discharge = 0.000 cumecs on 30/06/2015 Corres. Water Level :631.56 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

Stage-Discharge Data for the period 2015 - 2016

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	632.450	3.579	631.700	0.584	631.520	0.000	631.440	0.000	631.360	0.000		0.000
2	632.420	3.073	631.680	0.381	631.510	0.000	631.430	0.000	631.350	0.000		0.000
3	632.240	2.741	631.670	0.401 *	631.510	0.000	631.410	0.000	631.370	0.000		0.000
4	632.160	2.233	631.660	0.359	631.500	0.000	631.410	0.000	631.350	0.000		0.000
5	632.100	1.648	631.670	0.362	631.500	0.000	631.420	0.000	631.345	0.000		0.000
6	632.050	1.670 *	631.650	0.332	631.490	0.000	631.400	0.000	631.350	0.000		0.000
7	632.040	1.510	631.650	0.364	631.490	0.000	631.420	0.000	631.340	0.000		0.000
8	632.000	1.402	631.640	0.299	631.490	0.000	631.410	0.000	631.370	0.000		0.000
9	631.985	1.350	631.660	0.364	631.500	0.000	631.390	0.000	631.360	0.000		0.000
10	632.000	1.403	631.650	0.354 *	631.500	0.000	631.370	0.000	631.340	0.000	631.310	0.000
11	632.010	1.477	631.650	0.324	631.490	0.000	631.390	0.000	631.320	0.000	631.400	0.000
12	631.980	1.202	631.650	0.323	631.490	0.000	631.400	0.000	631.330	0.000	631.320	0.000
13	631.900	1.091 *	631.600	0.000	631.490	0.000	631.420	0.000	631.350	0.000	631.330	0.000
14	631.953	1.206	631.630	0.293	631.490	0.000	631.410	0.000	631.335	0.000	631.300	0.000
15	632.255	2.748	631.600	0.000	631.490	0.000	631.390	0.000	631.340	0.000	631.320	0.000
16	632.105	1.648	631.600	0.000	631.480	0.000	631.350	0.000	631.340	0.000	631.300	0.000
17	631.970	1.217	631.600	0.000	631.480	0.000	631.370	0.000	631.350	0.000	631.430	0.000
18	631.920	1.209	631.580	0.000	631.470	0.000	631.370	0.000	631.350	0.000	631.350	0.000
19	631.900	1.257	631.580	0.000	631.480	0.000	631.380	0.000	631.325	0.000	631.340	0.000
20	631.890	1.056 *	631.580	0.000	631.460	0.000	631.400	0.000	631.330	0.000	631.320	0.000
21	631.890	1.345	631.580	0.000	631.450	0.000	631.370	0.000	631.315	0.000	631.325	0.000
22	631.895	1.245	631.570	0.000	631.450	0.000	631.360	0.000	631.310	0.000	631.300	0.000
23	631.890	1.240	631.560	0.000	631.440	0.000	631.370	0.000	631.300	0.000	631.340	0.000
24	631.870	0.987 *	631.570	0.000	631.450	0.000	631.350	0.000	631.315	0.000	631.350	0.000
25	631.900	1.091 *	631.570	0.000	631.440	0.000	631.350	0.000	631.310	0.000	631.340	0.000
26	631.890	1.241	631.560	0.000	631.440	0.000	631.360	0.000	631.340	0.000	631.320	0.000
27	631.870	0.987 *	631.560	0.000	631.430	0.000	631.350	0.000	631.320	0.000	631.320	0.000
28	631.820	0.886	631.550	0.000	631.440	0.000	631.340	0.000	631.320	0.000	631.325	0.000
29	631.780	0.699	631.550	0.000	631.445	0.000	631.340	0.000	631.300	0.000	631.360	0.000
30	631.745	0.650	631.540	0.000			631.340	0.000		0.000	631.350	0.000
31	631.700	0.583	631.520	0.000			631.370	0.000			631.330	0.000
Ten-Daily Mean												
I Ten-Daily	632.144	2.061	631.663	0.380	631.501	0.000	631.410	0.000	631.353	0.000	631.310	0.000
II Ten-Daily	631.988	1.411	631.607	0.094	631.482	0.000	631.388	0.000	631.337	0.000	631.341	0.000
III Ten-Daily	631.841	0.996	631.557	0.000	631.443	0.000	631.354	0.000	631.314	0.000	631.333	0.000
Monthly												
Min.	631.700	0.583	631.520	0.000	631.430	0.000	631.340	0.000	631.300	0.000	631.300	0.000
Max.	632.450	3.579	631.700	0.584	631.520	0.000	631.440	0.000	631.370	0.000	631.430	0.000
Mean	631.986	1.473	631.607	0.153	631.476	0	631.383	0	631.336	0	631.335	0

Peak Computed Discharge = 17.83 cumecs on 11/11/2015 **Corres. Water Level :633.73 m**

Lowest Computed Discharge = 0.199 cumecs on 28/06/2015 **Corres. Water Level :631.59 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

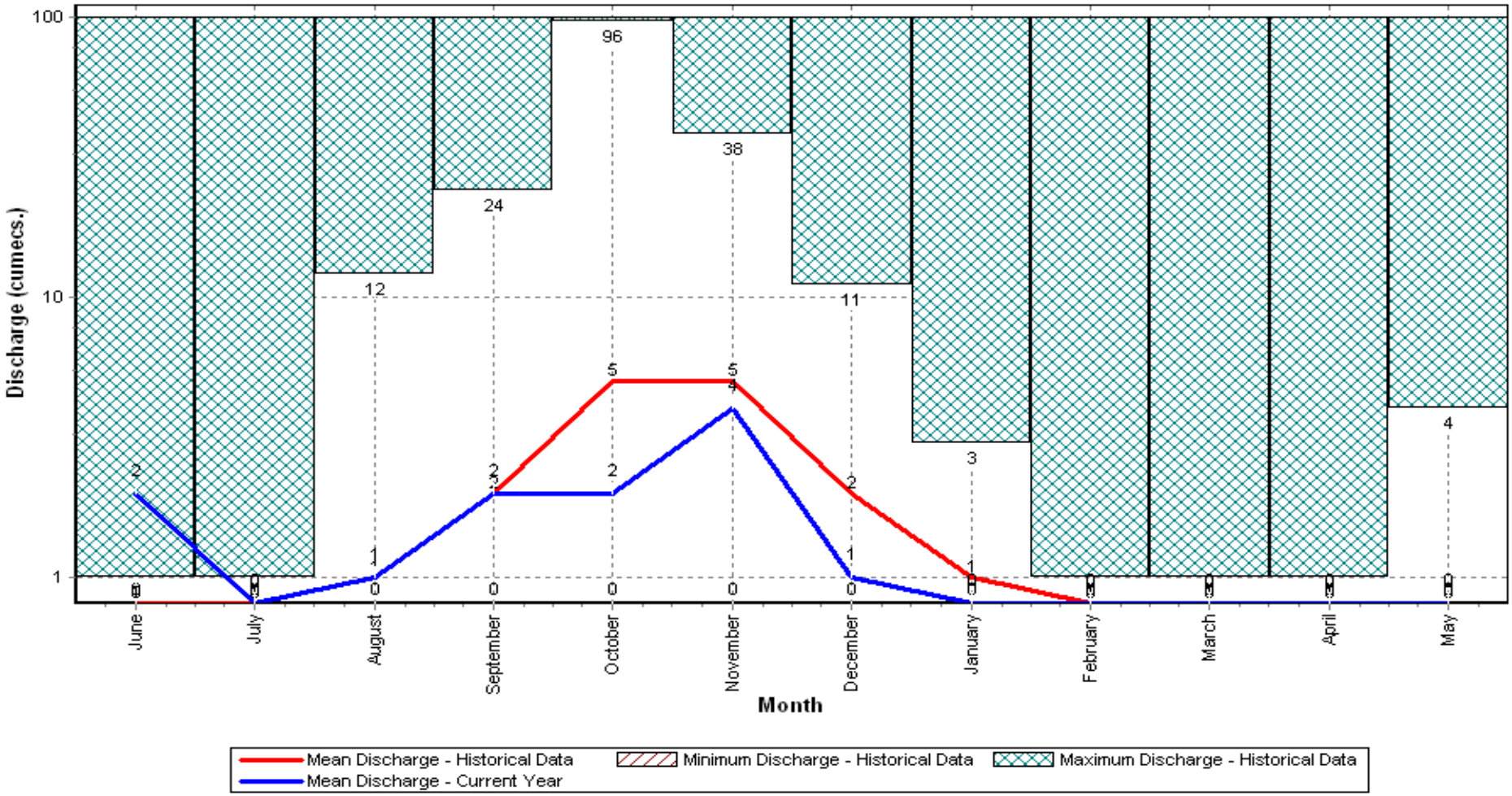
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Bendrahalli (CCN00J5) | **Data considered : 2006-2016** | **Division : Cauvery Division, Bangalore**

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


Discharge (cumecs.)
100
10
1
96
38
24
12
11
5
5
4
3
2
2
2
2
1
1
1
0
0
0

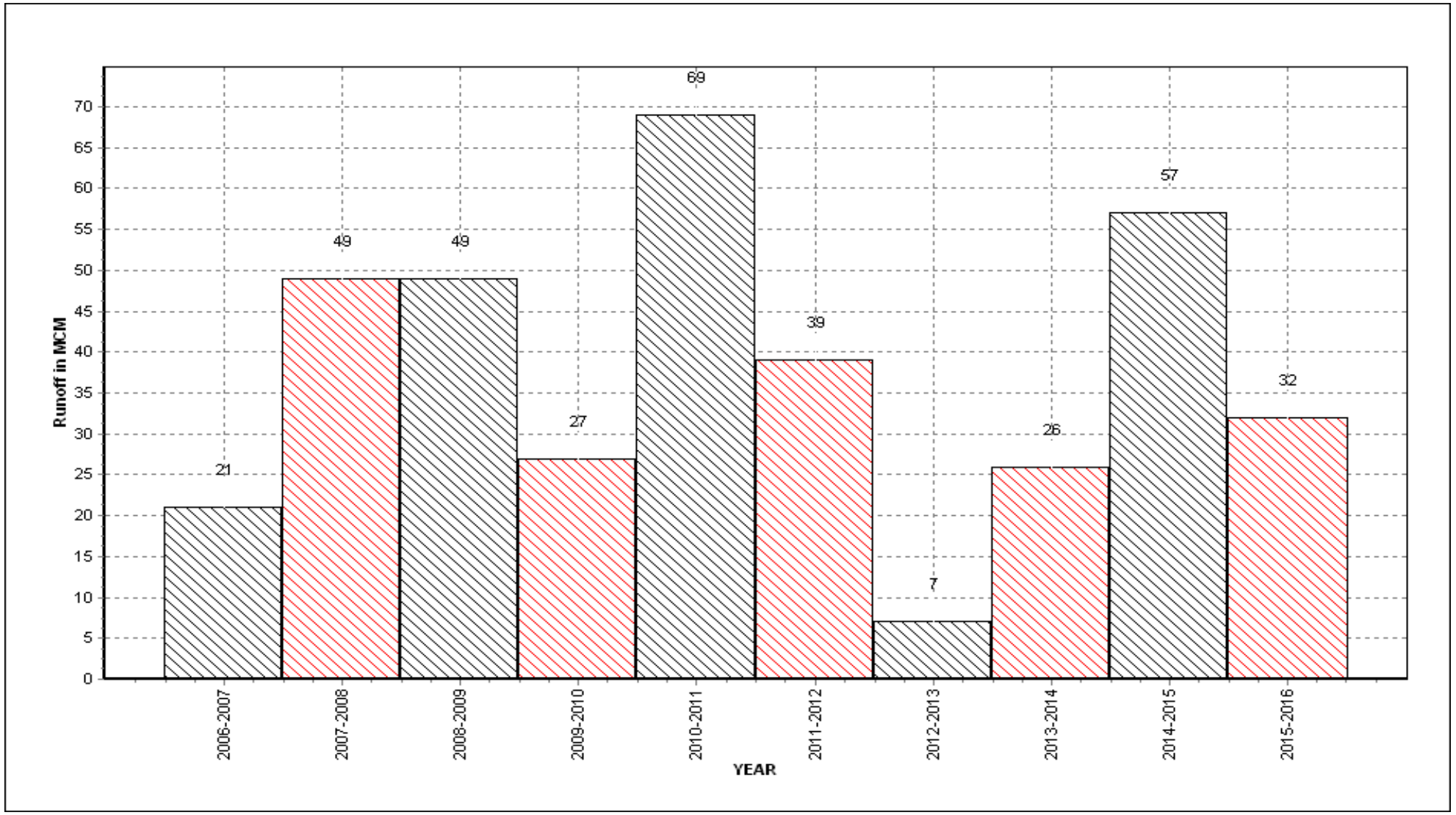
Annual Runoff Values for the period: 2006 - 2016

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

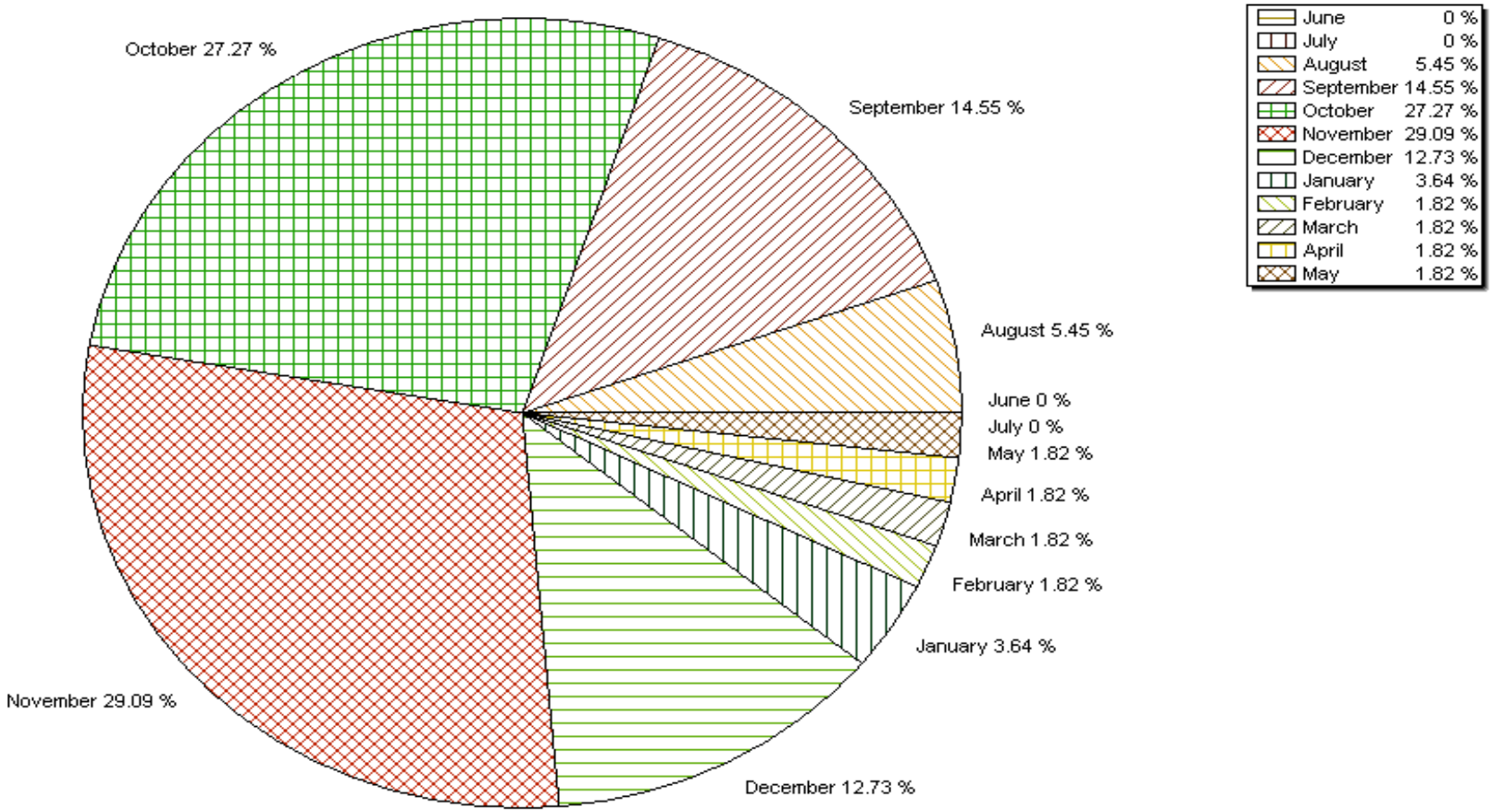
Monthly Average Runoff based on period : 2006-2015

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



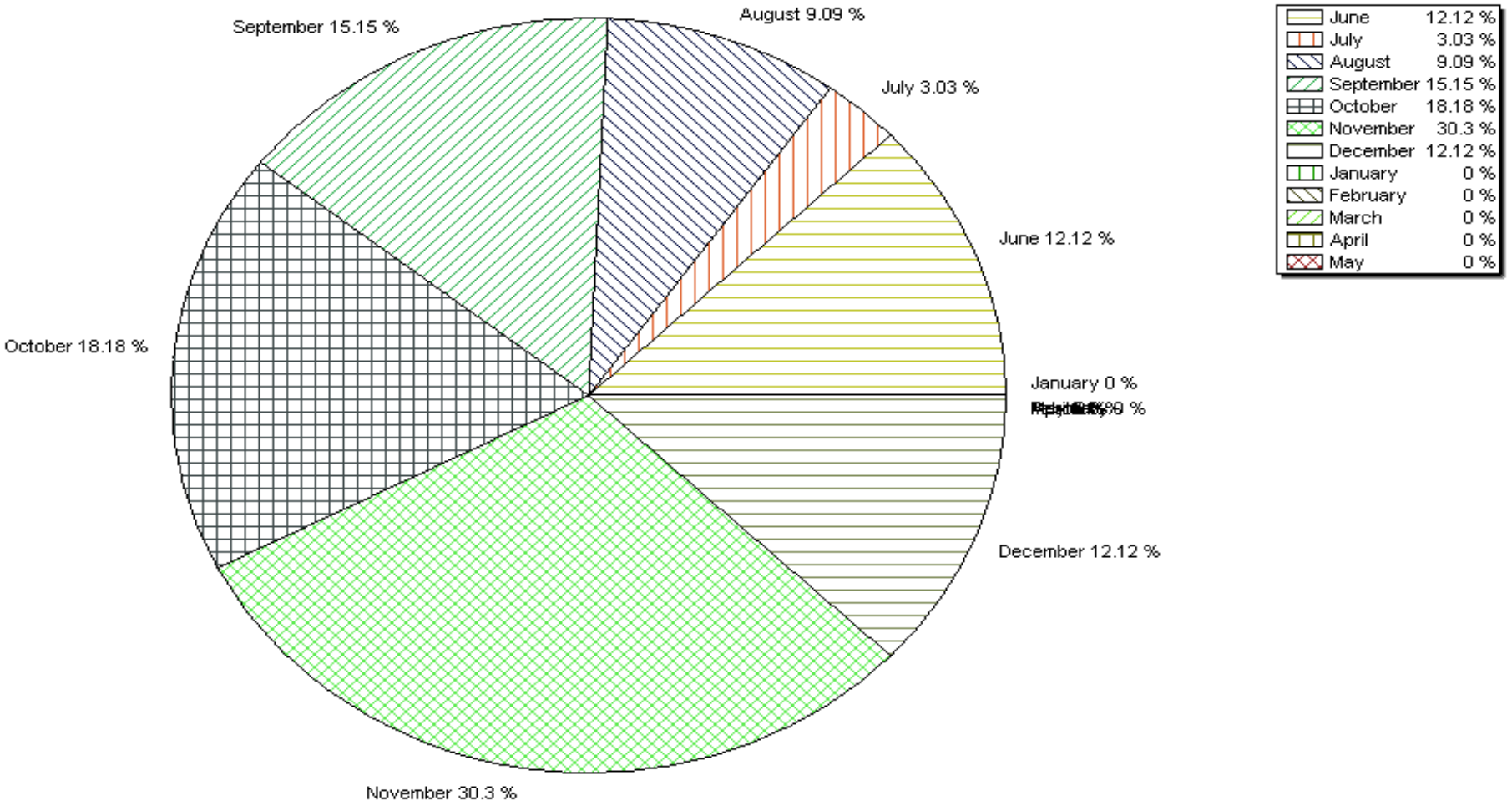
Monthly Runoff for the Year : 2015-2016

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



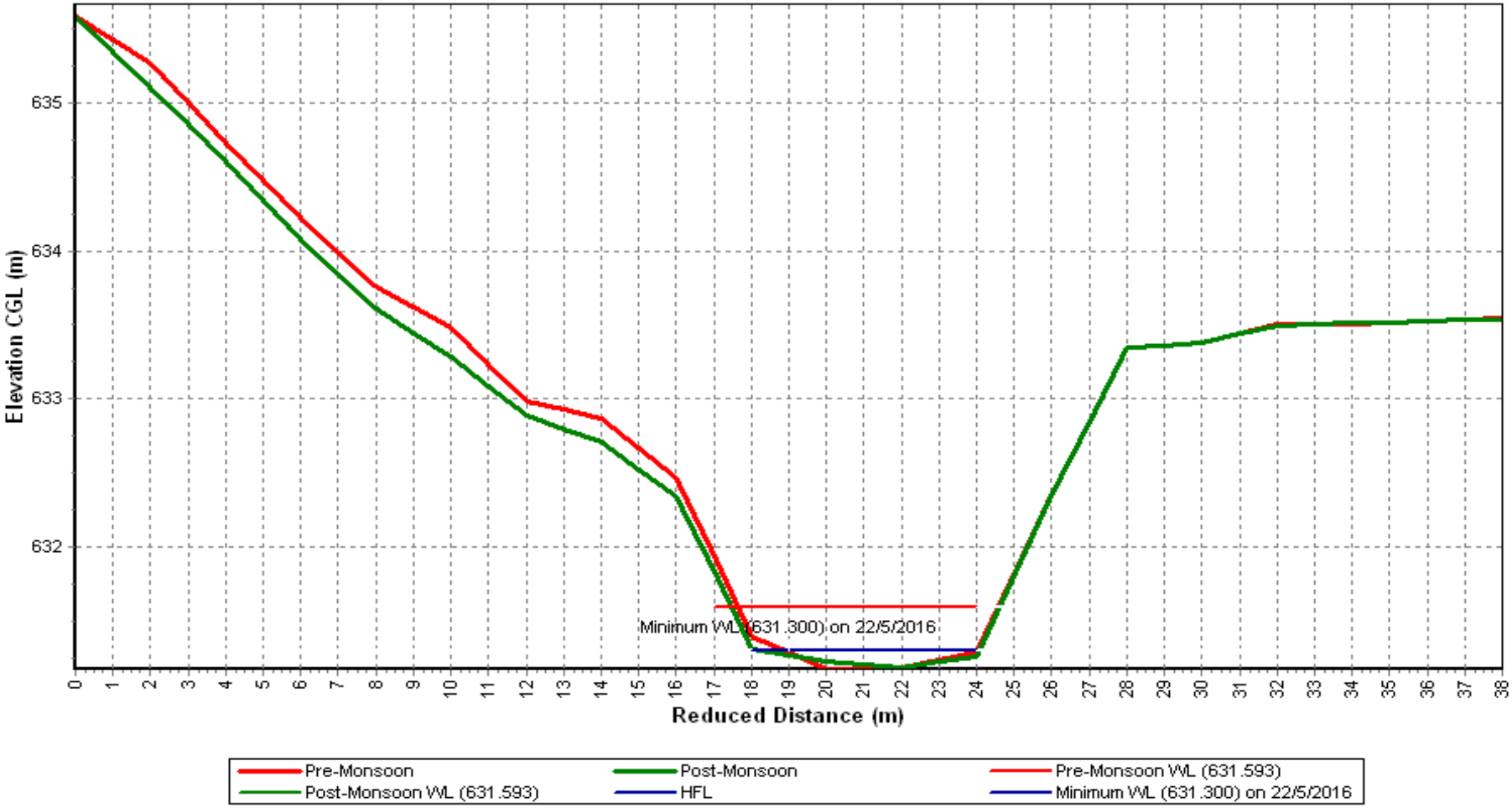
Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Bendrahalli (CCN00J5)

Local River : Suvarnavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	634.700	24.68	636.025	166.0	635.150	73.46	634.965	60.15	635.050	65.96	634.830	44.96 *
2	635.030	44.99	635.725	138.4	635.100	67.09 *	634.960	53.78	635.390	96.62 *	635.410	110.0
3	634.700	21.67	635.365	80.19	635.070	61.29	634.920	51.05	635.130	75.67	635.440	115.5
4	634.825	30.51	635.320	74.22	634.795	32.46	634.835	45.03	634.920	51.78 *	635.410	112.3
5	635.135	53.39	635.200	76.59 *	634.750	29.67	634.900	51.44	635.400	99.62	635.650	133.3
6	634.900	37.28	635.100	50.70	634.750	29.98	634.925	52.17 *	635.800	146.1	635.440	115.7
7	634.670	22.90 *	635.070	47.06	634.710	28.51	634.950	56.28	635.320	97.23	635.095	73.64
8	634.590	19.72	635.010	41.83	634.720	28.89	634.925	44.75	634.910	51.58	634.870	47.92 *
9	634.560	18.46	635.000	40.94	634.720	37.35 *	634.825	44.75	634.740	36.26	634.670	32.59
10	634.515	29.73	635.020	42.40	634.650	25.61	634.765	38.25	634.710	33.80	635.070	74.70
11	634.500	25.38	635.295	70.39	634.745	30.63	634.815	40.23	634.710	36.70 *	635.325	89.47 *
12	634.480	24.76	635.340	91.09 *	634.750	31.75	634.750	36.78	635.050	63.34	635.095	72.58
13	634.460	23.75	635.270	67.89	635.050	60.59	634.700	36.05 *	635.265	88.10	634.900	62.38
14	634.460	22.48 *	635.350	77.74	635.490	109.9	634.670	30.57	634.950	55.71	634.910	62.35
15	634.455	23.01	635.350	77.18	635.610	123.2 *	634.700	32.34	634.825	44.04	634.835	45.32 *
16	634.450	22.68	635.155	58.04	635.700	135.1 *	634.700	32.62	634.760	45.43	634.870	56.57
17	634.500	25.34	635.130	55.29	635.795	152.0	634.845	46.05 *	634.745	43.12	634.915	60.27
18	634.460	23.18	635.550	115.6 *	635.685	144.2	634.870	47.33	634.740	38.67 *	634.860	55.82
19	634.480	23.95	635.750	142.0 *	635.850	157.6	634.870	47.74	634.805	49.67	635.005	70.57
20	634.540	27.27	636.860	359.9	636.050	175.3	635.240	80.58 *	634.810	50.38	635.160	86.21
21	634.550	27.14 *	636.910	367.0	635.940	168.9	635.575	119.4	634.860	54.05	635.125	82.93
22	634.550	27.91	636.335	228.8	635.930	167.6	635.610	125.9	634.820	44.23 *	634.930	52.57 *
23	634.550	27.59	635.810	163.2	636.320	234.8 *	635.615	127.9	634.835	52.30	634.845	53.48
24	634.550	27.82	635.945	172.6	636.295	225.0	635.640	132.1	634.820	44.23 *	634.828	51.97
25	635.840	148.5	635.870	167.5	636.175	208.6	636.640	298.7 *	634.770	40.71 *	634.805	43.15 *
26	635.995	162.1	635.830	153.4 *	636.005	177.7	636.310	227.9	634.770	45.82	634.730	42.58
27	636.350	223.2	635.965	173.9	635.545	114.0	636.075	191.7 *	634.810	51.06	634.775	47.08
28	636.660	302.9 *	635.775	159.3	635.315	86.14	636.040	192.7	634.830	53.69	634.795	50.33
29	634.910	39.46	635.770	158.2	635.310	85.15	635.620	130.6	634.850	56.38	635.100	67.09 *
30	636.970	388.4	635.750	156.9	635.310	87.86 *	635.310	95.86	634.890	62.58	635.050	72.76
31			635.635	137.4	635.260	78.96			634.890	61.82		
Ten-Daily Mean												
I Ten-Daily	634.763	30.33	635.283	75.84	634.841	41.43	634.897	49.76	635.137	75.47	635.188	86.06
II Ten-Daily	634.478	24.18	635.505	111.5	635.473	112.0	634.816	43.03	634.866	51.52	634.987	66.15
III Ten-Daily	635.493	137.5	635.963	185.3	635.764	148.6	635.844	164.3	634.831	51.53	634.898	56.39
Monthly												
Min.	634.450	18.46	635.000	40.94	634.650	25.61	634.670	30.57	634.710	33.80	634.670	32.59
Max.	636.970	388.4	636.910	367.0	636.320	234.8	636.640	298.7	635.800	146.1	635.650	133.3
Mean	634.911	64.01	635.596	126.2	635.372	102.2	635.186	85.69	634.941	59.25	635.025	69.54

Annual Runoff in MCM = 1517 Annual Runoff in mm = 217

Peak Observed Discharge = 388.4 cumecs on 30/06/2015 Corres. Water Level :636.97 m

Lowest Observed Discharge = 0.000 cumecs on 26/01/2016 Corres. Water Level :634.29 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 2015 - 2016

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	635.035	70.62	634.430	18.41	634.180	0.000	634.490	19.25	634.295	0.000	634.470	0.000
2	635.040	71.06	634.440	18.98	634.190	0.000	634.460	17.68	634.300	0.000	634.470	0.000
3	635.010	66.91	634.440	17.22 *	634.390	13.17	634.430	15.56	634.280	0.000	634.480	0.000
4	634.925	61.81	634.420	17.43	634.410	16.20	634.400	13.65	634.210	0.000	634.500	0.000
5	634.815	52.23	634.420	17.54	634.450	18.97	634.420	15.87 *	634.200	0.000	634.490	0.000
6	634.810	48.42 *	634.400	15.09	634.420	17.17	634.420	15.87 *	634.280	0.000	634.470	0.000
7	634.695	37.73	634.380	13.76	634.410	15.21 *	634.410	15.21 *	634.280	0.000	634.500	0.000
8	634.630	31.69	634.380	13.84	634.290	0.000	634.400	12.61	634.280	0.000	634.490	0.000
9	634.600	29.24	634.370	13.33	634.260	0.000	634.400	13.03	634.560	0.000	634.490	0.000
10	634.620	30.71	634.370	12.68 *	634.240	0.000	634.410	13.50	634.500	0.000	634.490	0.000
11	634.630	31.44	634.350	12.22	634.200	0.000	634.360	10.71	634.600	0.000	634.380	0.000
12	634.640	32.04	634.340	11.99	634.170	0.000	634.380	11.03	634.750	37.68	634.480	0.000
13	634.670	35.32 *	634.500	22.51	634.170	0.000	634.330	0.000	634.760	36.40	634.340	0.000
14	634.785	51.11	634.530	25.04	634.170	0.000	634.290	0.000	634.610	0.000	634.250	0.000
15	634.635	34.14	634.500	21.50 *	634.140	0.000	634.270	0.000	634.500	0.000	634.230	0.000
16	634.630	33.77	634.480	21.11	634.120	0.000	634.270	0.000	634.500	0.000	634.450	0.000
17	634.630	33.95	634.500	21.50 *	634.100	0.000	634.350	9.172	634.480	0.000	634.500	0.000
18	634.630	33.82	634.450	19.20	634.090	0.000	634.280	0.000	634.480	0.000	634.520	0.000
19	634.565	28.49	634.400	15.92	634.040	0.000	634.280	0.000	634.500	0.000	634.550	0.000
20	634.560	26.10 *	634.360	12.18	634.030	0.000	634.270	0.000	634.490	0.000	634.685	35.72
21	634.515	24.56	634.380	13.33	634.130	0.000	634.270	0.000	634.490	0.000	634.790	0.000
22	634.490	22.33	634.390	13.58	634.210	0.000	634.370	8.928	634.500	0.000	634.700	0.000
23	634.490	21.94	634.390	13.37	634.560	26.10 #	634.450	0.000	634.480	0.000	634.490	0.000
24	634.490	20.76 *	634.360	12.07 *	634.610	27.30	634.450	0.000	634.480	0.000	634.460	0.000
25	634.470	19.32 *	634.340	11.06	634.720	35.40	634.440	0.000	634.490	0.000	634.400	0.000
26	634.450	19.08	634.290	0.000	634.740	41.69 *	634.420	0.000	634.500	0.000	634.350	0.000
27	634.450	17.91 *	634.240	0.000	634.690	37.10 *	634.420	0.000	634.500	0.000	634.230	0.000
28	634.420	17.19	634.230	0.000	634.590	28.52 *	634.410	0.000	634.490	0.000	634.130	0.000
29	634.445	19.06	634.220	0.000	634.530	21.15	634.390	0.000	634.490	0.000	634.090	0.000
30	634.410	17.20	634.210	0.000			634.310	0.000	634.480	0.000	634.170	0.000
31	634.430	18.49	634.190	0.000			634.300	0.000			634.380	0.000
Ten-Daily Mean												
I Ten-Daily	634.818	50.04	634.405	15.83	634.324	8.073	634.424	15.22	634.318	0.000	634.485	0.000
II Ten-Daily	634.637	34.02	634.441	18.32	634.123	0.000	634.308	3.092	634.567	7.408	634.438	3.572
III Ten-Daily	634.460	19.80	634.294	5.764	634.531	24.14	634.385	0.812	634.490	0.000	634.381	0.000
Monthly												
Min.	634.410	17.19	634.190	0.000	634.030	0.000	634.270	0.000	634.200	0.000	634.090	0.000
Max.	635.040	71.06	634.530	25.04	634.740	41.69	634.490	19.25	634.760	37.68	634.790	35.72
Mean	634.633	34.14	634.377	13.06	634.319	10.28	634.373	6.196	634.458	2.469	634.433	1.152

Peak Computed Discharge = 302.9 cumecs on 28/06/2015 **Corres. Water Level :636.66 m**

Lowest Computed Discharge = 12.07 cumecs on 24/01/2016 **Corres. Water Level :634.36 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

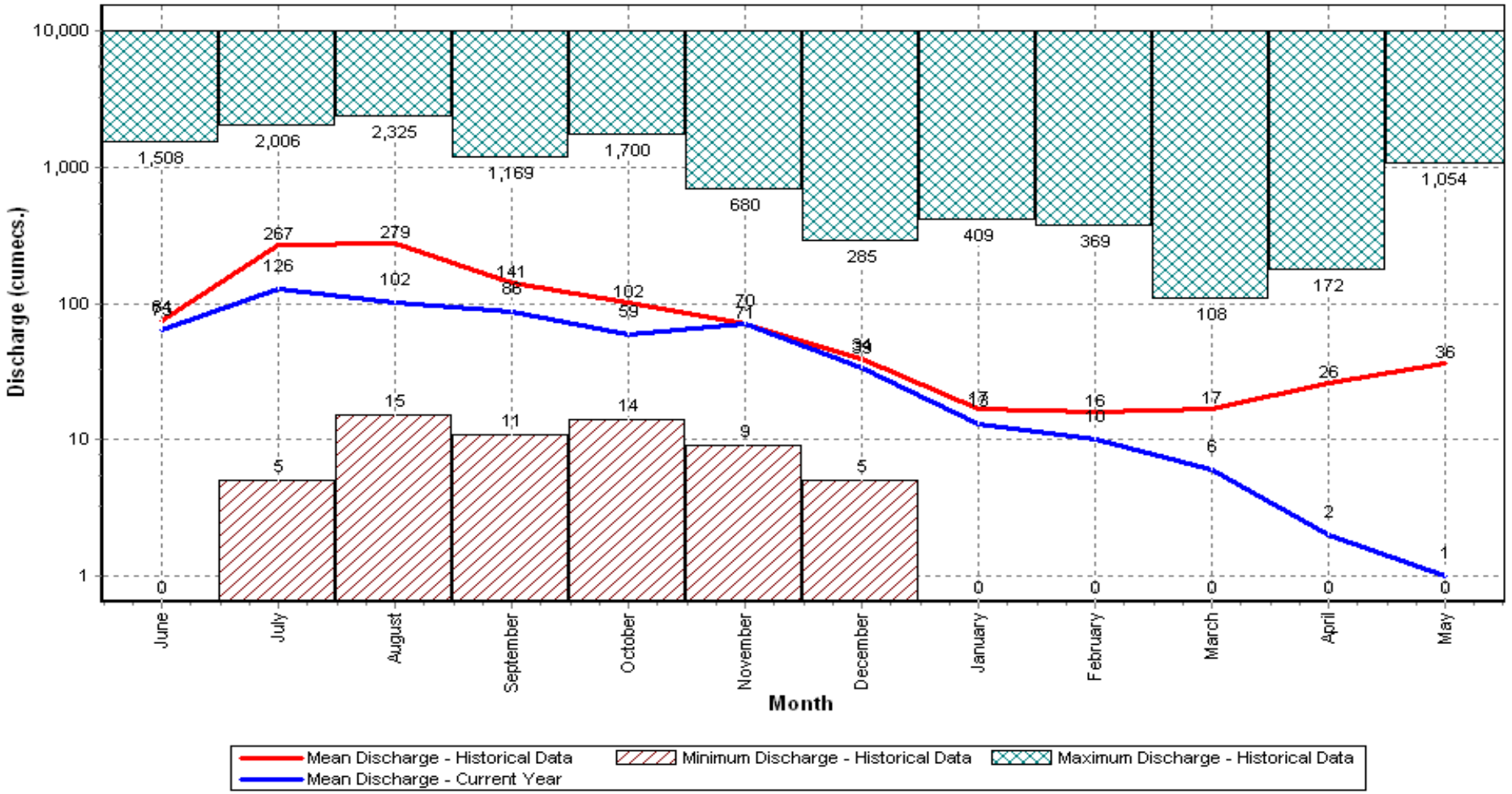
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : T.Narasipur (CCP00B1) | **Data considered : 1971-2016** | **Division : Cauvery Division, Bangalore**

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



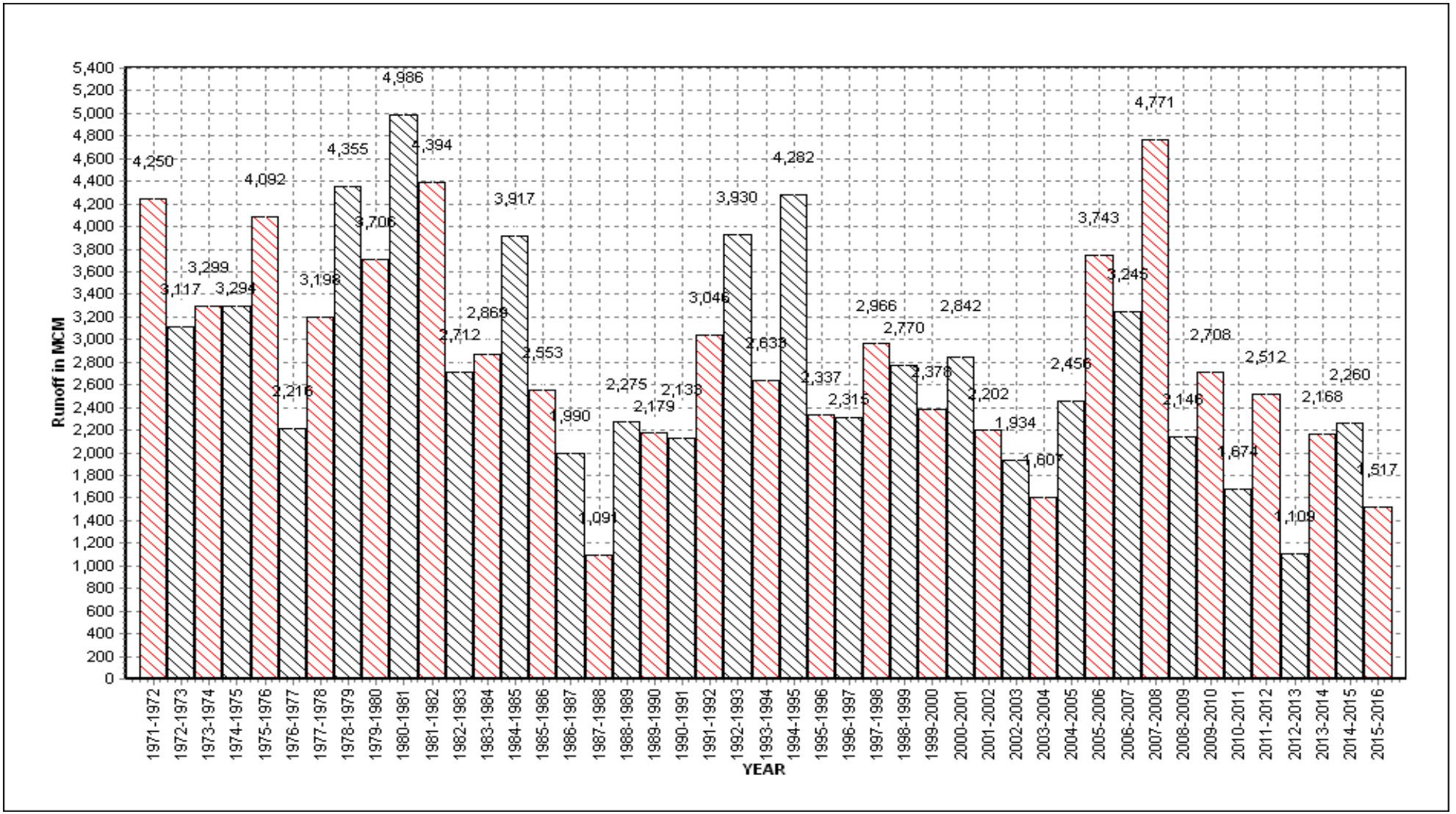
Annual Runoff Values for the period: 1971 - 2016

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



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

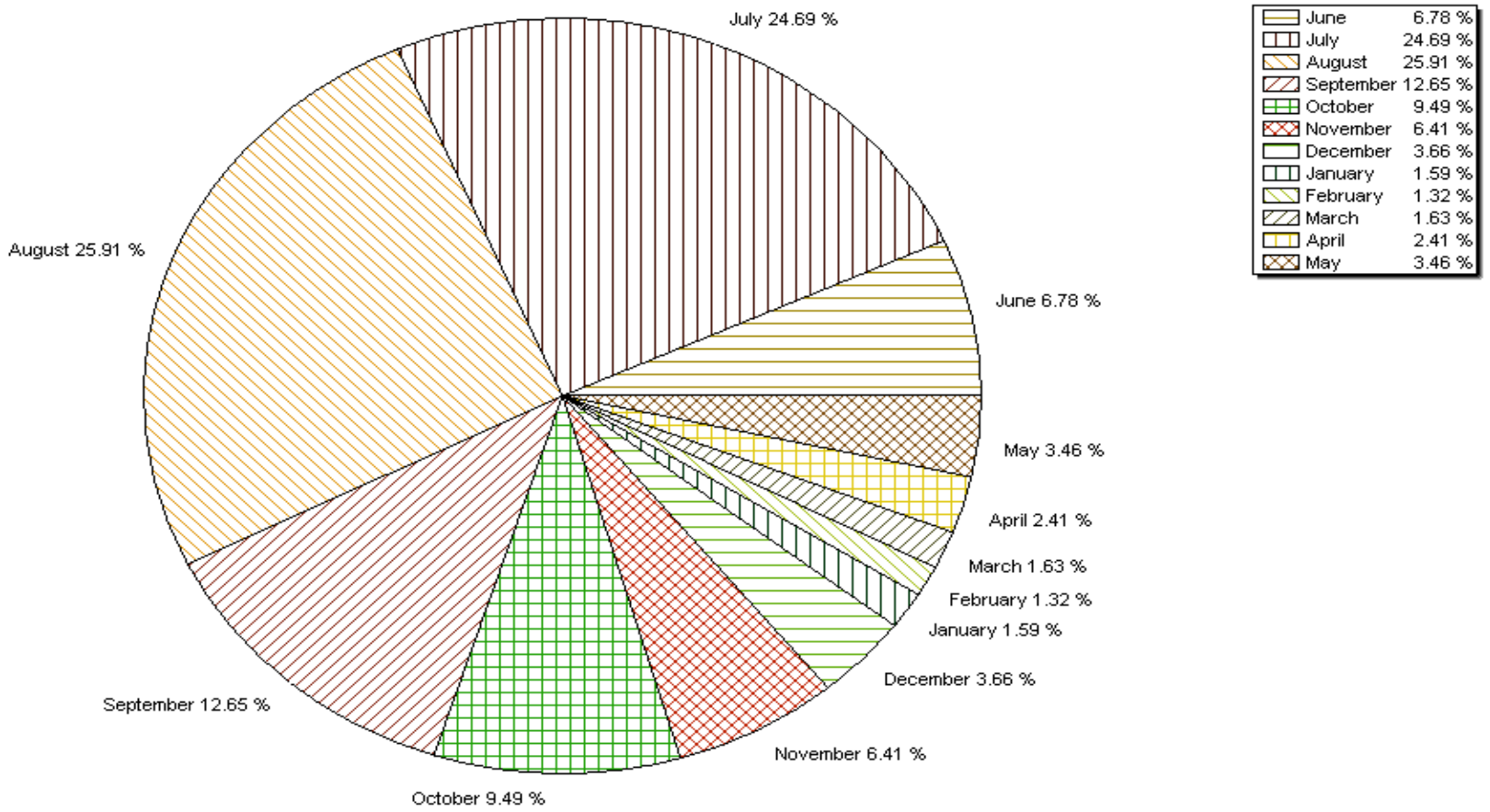
Monthly Average Runoff based on period : 1971-2015

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



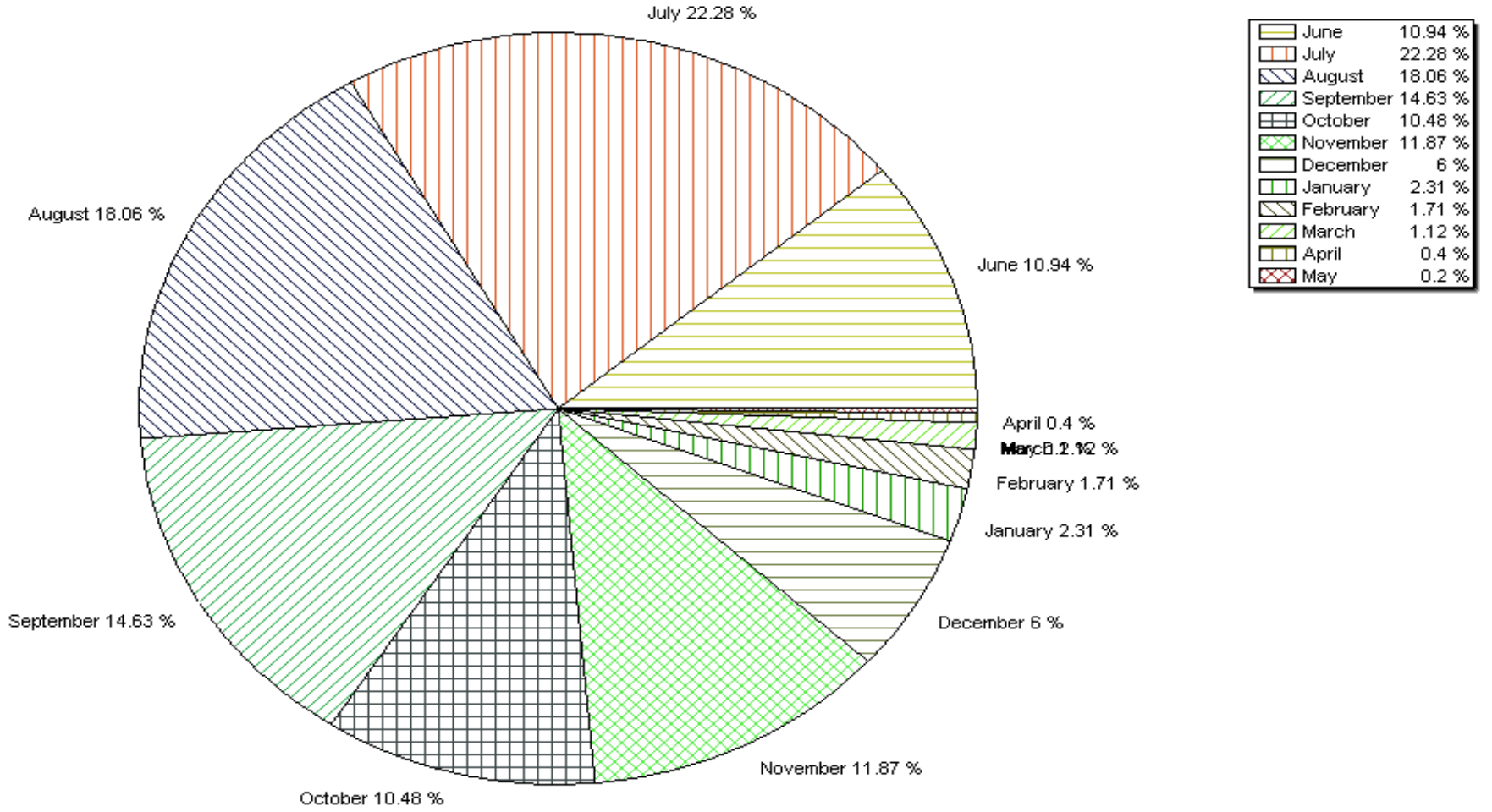
Monthly Runoff for the Year : 2015-2016

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

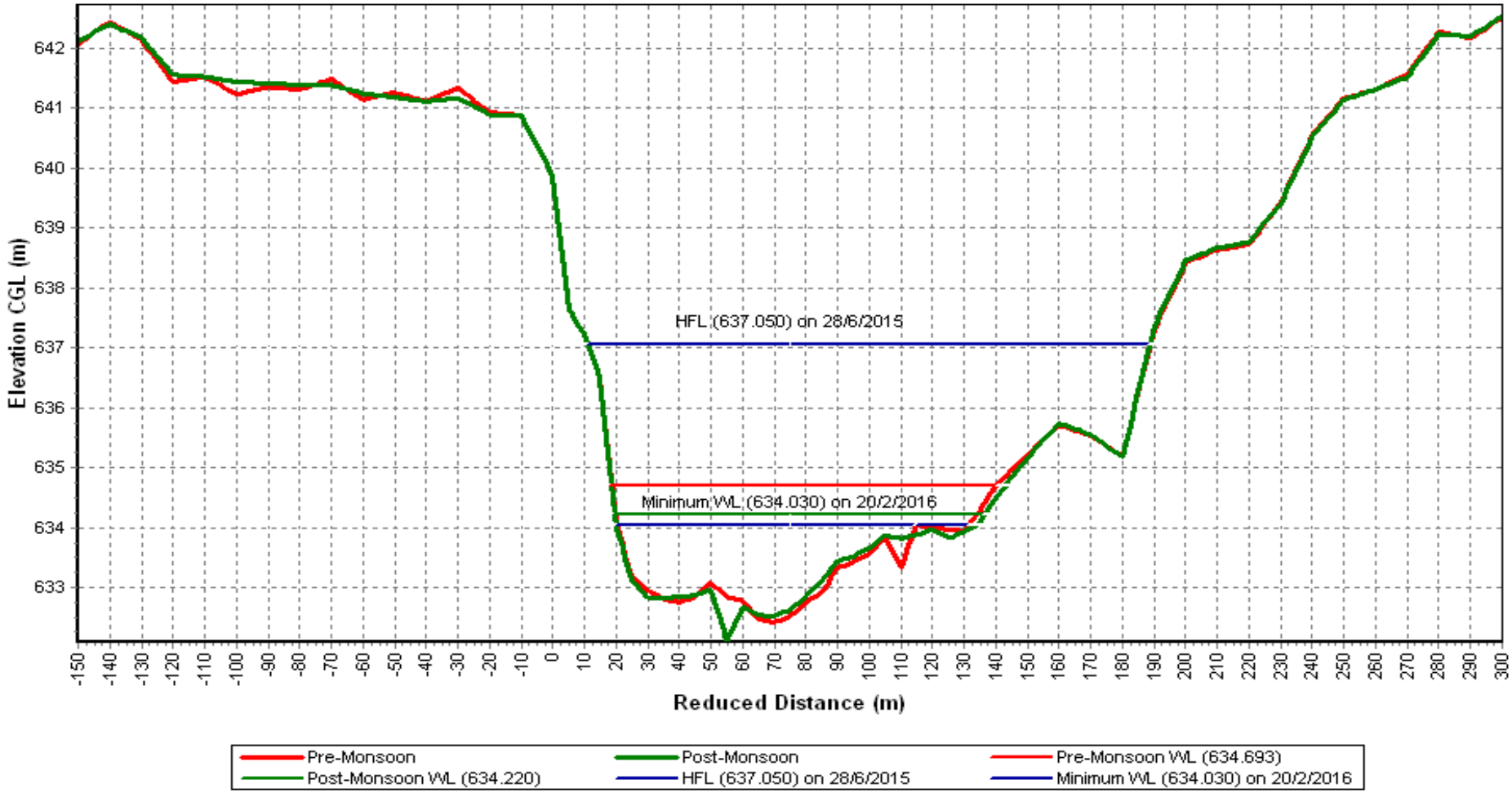
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

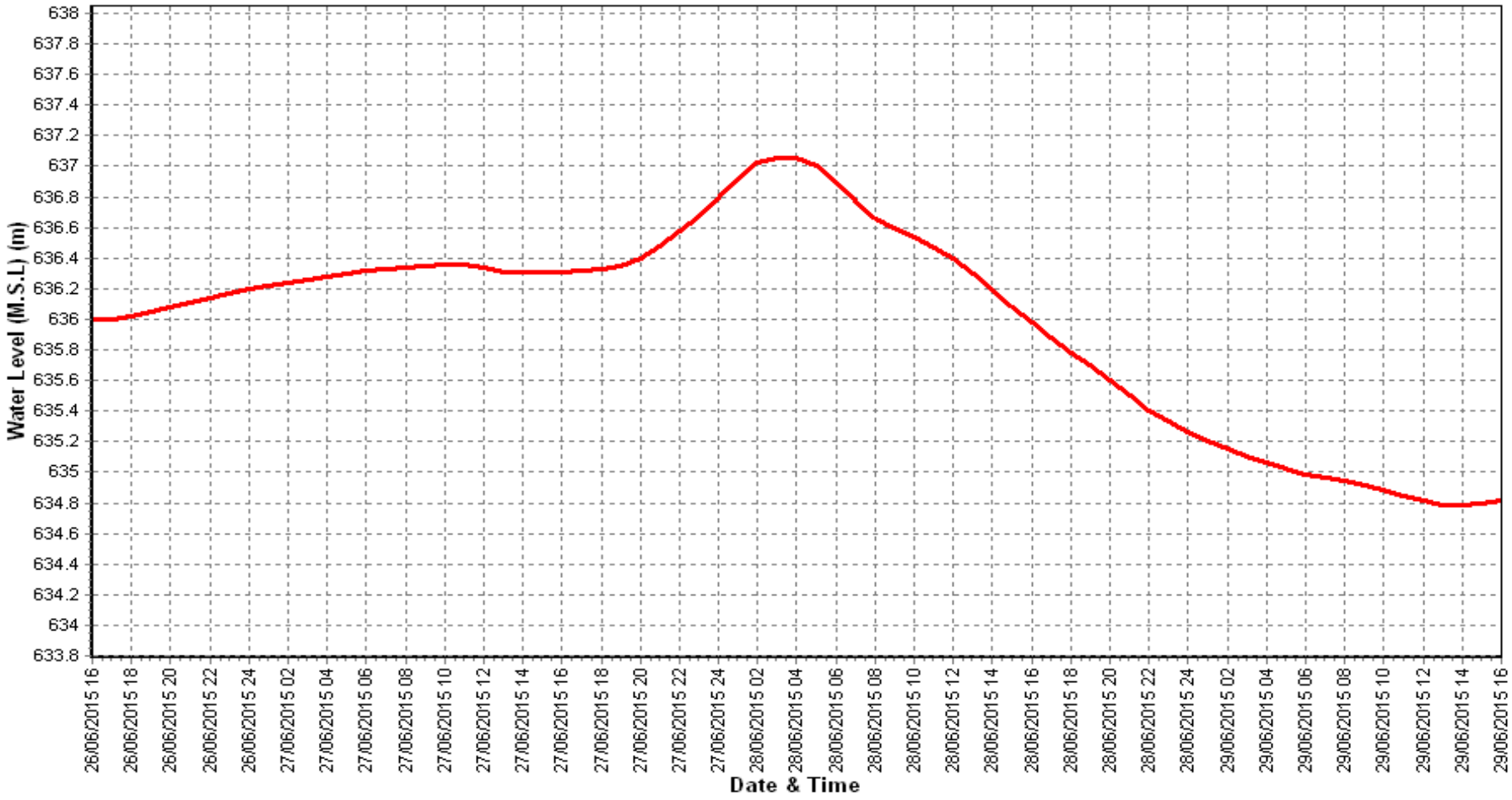
Local River : Kabini **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

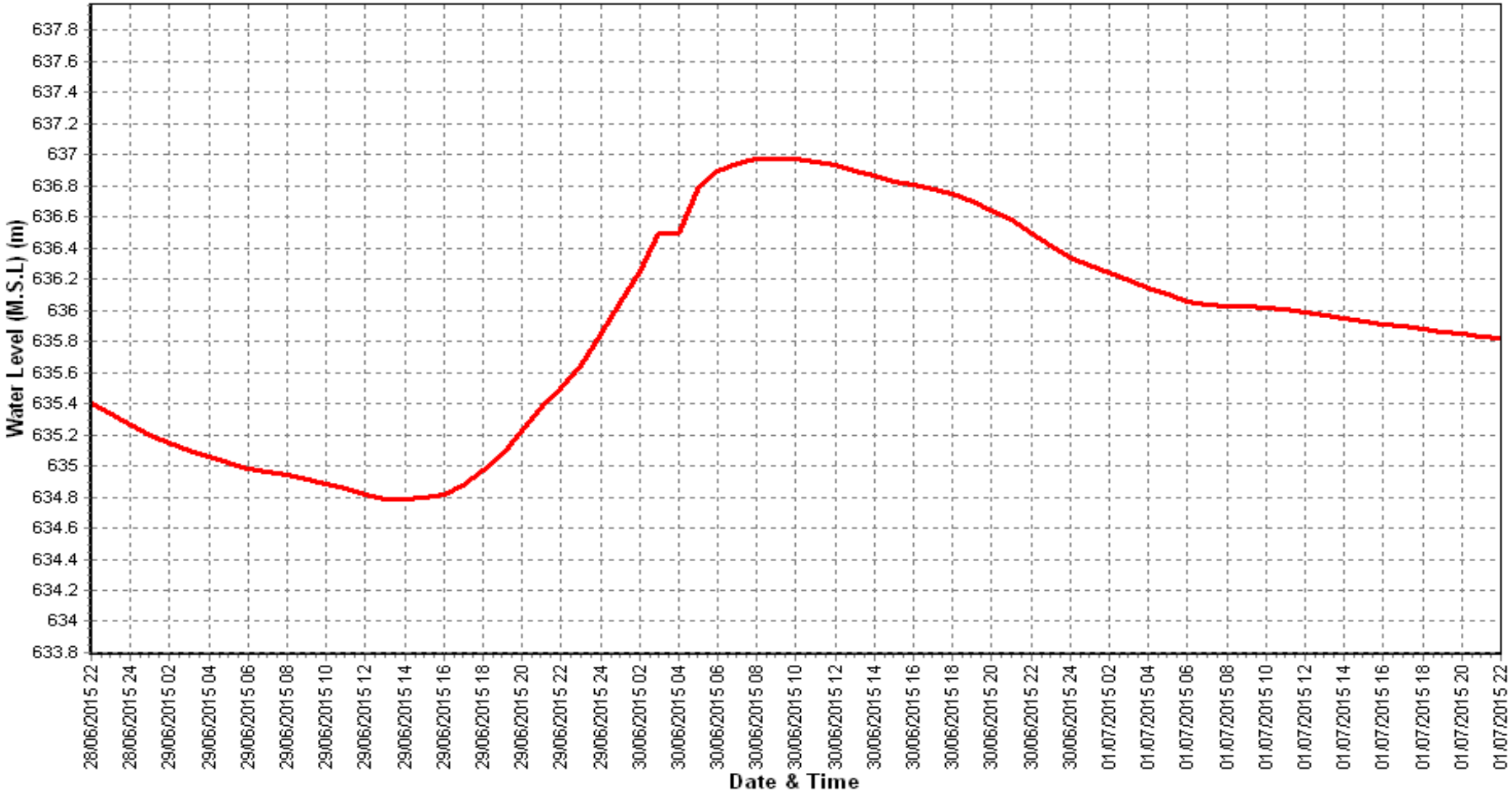


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

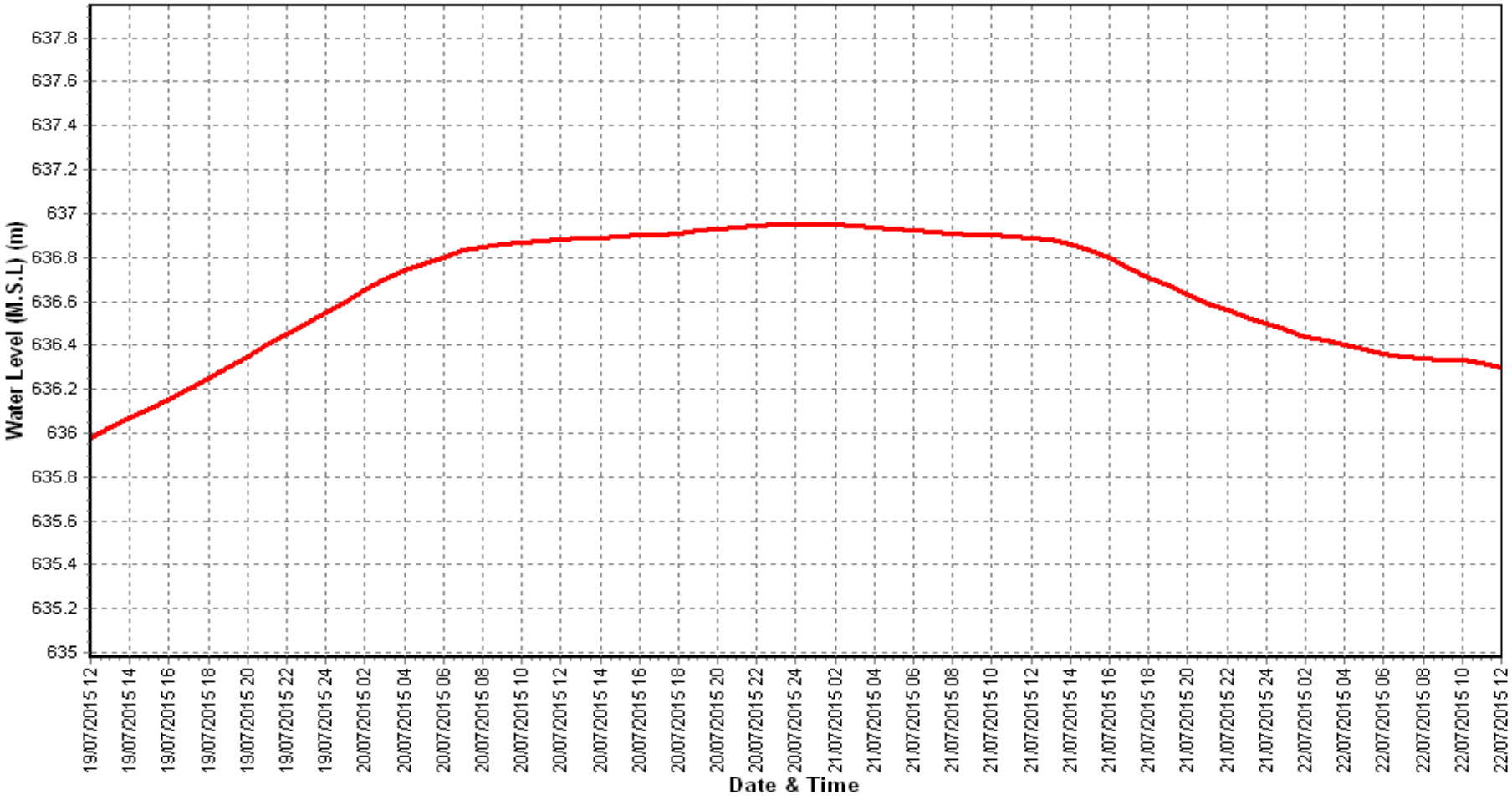


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	707.430	0.768	708.670	157.5	708.180	71.40	707.990	50.62	708.410	101.7	707.810	30.11 *
2	707.430	0.768	708.480	115.9	708.170	69.66 *	707.950	49.07	708.220	76.33 *	708.280	83.29
3	707.420	0.752	708.410	100.5	708.130	58.10	707.920	44.07	708.040	55.27	707.905	41.86
4	707.720	22.47	708.350	95.33	708.220	79.21	707.900	42.39	707.980	46.91 *	708.085	57.53
5	707.775	27.78	708.270	83.29 *	708.190	73.03	707.990	50.49	707.980	48.16	708.230	74.32
6	707.720	24.27	708.230	80.48	708.310	89.31	708.280	84.72 *	708.410	101.4	707.995	46.21
7	707.580	9.598 *	708.130	72.14	708.240	79.78	708.200	69.16	708.300	87.59	707.850	36.75
8	707.550	7.256 #	708.285	86.47	708.450	109.6	708.970	208.2	708.370	95.36	707.810	30.11 *
9	707.740	26.50	708.590	123.8	708.300	87.59 *	708.640	131.5	708.380	96.72	707.785	25.70
10	707.690	21.75	708.460	110.4	708.220	77.99	708.295	89.40	708.610	135.1	707.780	27.50 *
11	707.620	15.20	708.740	163.2	708.680	151.5	708.210	76.75	708.390	101.1 *	707.790	26.18
12	707.570	11.31	708.720	158.2 *	708.800	166.0	708.090	60.33	708.250	81.26	707.820	34.39
13	707.620	15.15	708.660	156.1	708.920	200.6	708.070	57.17 *	708.170	64.12	707.910	41.87
14	707.700	21.09 *	708.460	115.3	708.780	163.2	708.000	47.68	708.315	86.95	708.090	58.00
15	707.680	18.64	708.330	93.91	708.800	173.8 *	707.970	46.45	708.040	53.48	707.845	33.28 *
16	707.690	21.52	708.370	97.16	708.750	164.0 *	708.300	82.69	707.980	47.94	707.810	32.33
17	708.210	70.97	708.865	195.3	708.530	118.4	708.190	71.63	707.940	39.19	707.790	27.71
18	707.940	46.65	709.310	288.8 *	708.740	154.5	708.050	55.59	707.910	39.57 *	707.775	26.91
19	707.985	49.62	709.870	445.4 *	708.640	137.3	708.090	58.93	707.890	40.36	707.765	24.11
20	709.200	263.9	709.820	445.0	708.365	89.42	707.990	48.00 *	707.870	37.62	707.930	39.26
21	709.380	306.7 *	709.230	275.1	708.270	74.66	708.060	57.99	707.850	36.75	707.830	34.42
22	709.730	381.8	708.880	198.0	708.340	89.28	707.970	46.20	707.840	35.69	707.785	27.92 *
23	710.150	518.9	709.220	271.6	708.400	102.7 *	707.920	43.31	707.820	31.00 *	707.760	23.81
24	710.180	523.1	709.010	233.4	708.300	88.10	707.890	37.59 *	707.800	29.22 *	707.930	40.98
25	710.360	616.0	708.870	195.5	708.235	83.41	707.980	47.38	707.780	27.50 *	708.120	63.28 *
26	710.570	692.0	708.690	152.5 *	708.160	66.36	707.910	42.66	707.770	23.89	707.830	34.34
27	710.880	792.7	708.600	123.5	708.120	61.64	707.900	38.58 *	707.760	23.49	707.760	23.99
28	710.420	629.1 *	708.510	116.1	708.190	72.30 *	708.585	119.5	707.780	25.45	707.800	28.48
29	709.770	475.7	708.400	98.42	708.090	60.37	708.645	138.3	708.035	50.05	707.810	30.11 *
30	709.300	309.9	708.300	90.55	708.050	54.81 *	708.090	59.22	707.950	46.74	707.750	23.61
31			708.250	81.37	708.010	52.63			707.850	36.77		
Ten-Daily Mean												
I Ten-Daily	707.606	14.19	708.387	102.6	708.241	79.56	708.214	81.96	708.270	84.45	707.953	45.34
II Ten-Daily	707.922	53.41	708.914	215.8	708.701	151.9	708.096	60.52	708.076	59.16	707.853	34.40
III Ten-Daily	710.074	524.6	708.724	166.9	708.197	73.30	708.095	63.07	707.840	33.32	707.837	33.10
Monthly												
Min.	707.420	0.752	708.130	72.14	708.010	52.63	707.890	37.59	707.760	23.49	707.750	23.61
Max.	710.880	792.7	709.870	445.4	708.920	200.6	708.970	208.2	708.610	135.1	708.280	83.29
Mean	708.534	197.4	708.677	161.9	708.374	100.7	708.135	68.52	708.055	58.15	707.881	37.61

Annual Runoff in MCM = 1769 Annual Runoff in mm = 1404

Peak Observed Discharge = 792.7 cumecs on 27/06/2015 Corres. Water Level :710.88 m

Lowest Observed Discharge = 0.752 cumecs on 03/06/2015 Corres. Water Level :707.42 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	707.740	23.88	707.545	10.49	707.470	9.215	707.390	6.377	707.270	2.544	707.170	1.145 *
2	707.730	23.38	707.545	10.48	707.470	9.191	707.370	5.914	707.270	2.575	707.160	1.083
3	707.740	23.60	707.540	11.54 *	707.440	7.345	707.370	5.871	707.250	2.406 *	707.150	0.996
4	707.730	22.58	707.540	10.39	707.450	8.078	707.360	5.615	707.310	3.429	707.170	1.154
5	707.700	17.94	707.535	10.20	707.440	7.349	707.350	5.399	707.280	2.694	707.190	1.246
6	707.680	18.73 *	707.540	10.36	707.440	7.318	707.350	4.718 *	707.270	2.578	707.430	7.147
7	707.670	18.44	707.530	10.26	707.435	7.365 *	707.350	4.718 *	707.250	2.258	707.450	7.691
8	707.670	18.32	707.530	10.27	707.485	9.350	707.350	5.393	707.250	2.269	707.390	5.885 *
9	707.660	17.83	707.530	10.28	707.470	9.188	707.340	5.192	707.240	2.057	707.400	6.663
10	707.655	16.32	707.530	11.10 *	707.450	8.116	707.310	3.644	707.240	2.220 *	707.450	7.724
11	707.650	16.09	707.530	10.26	707.450	8.033	707.300	3.576	707.260	2.358	707.380	6.350
12	707.645	15.97	707.520	10.04	707.430	8.047	707.300	3.425	707.260	2.344	707.380	6.286
13	707.840	29.32 *	707.520	10.01	707.430	7.829	707.290	3.230 *	707.250	2.264	707.500	9.470
14	707.690	20.05	707.520	9.971	707.425	7.020 *	707.300	3.562	707.250	2.406 *	707.470	8.917
15	707.670	18.18	707.505	10.02	707.410	7.048	707.270	2.912	707.240	2.178	707.430	7.192 *
16	707.690	19.80	707.510	9.953	707.410	8.082	707.270	2.920	707.240	2.072	707.420	6.851 *
17	707.670	18.39	707.510	10.24 *	707.390	7.444	707.310	3.658	707.250	2.406 *	707.400	6.594
18	707.650	16.14	707.510	9.970	707.390	7.285	707.300	3.448	707.250	2.247	707.420	6.851 #
19	707.640	15.79	707.500	9.819	707.370	6.386	707.290	3.043	707.250	2.254	707.450	6.863
20	707.630	15.94 *	707.505	9.907	707.380	6.476	707.280	3.012 *	707.250	2.406 *	707.390	6.008
21	707.610	14.66	707.520	10.08	707.380	5.580 *	707.240	2.432	707.240	2.163	707.420	6.851 *
22	707.600	14.44	707.525	10.11	707.390	6.449	707.240	2.454	707.240	2.147	707.390	5.885 *
23	707.590	13.40	707.520	10.01	707.370	6.240	707.240	2.414	707.240	2.134	707.380	5.790
24	707.590	13.89 *	707.520	10.67 *	707.370	6.236	707.310	3.669	707.240	2.220 *	707.350	5.416
25	707.585	13.65 *	707.505	9.860	707.350	5.869	707.310	3.692 *	707.180	1.178	707.340	5.149
26	707.580	13.94	707.520	10.67 *	707.350	5.825	707.300	3.545	707.180	1.214	707.500	9.220
27	707.570	12.92 *	707.500	9.815	707.390	6.398	707.300	3.457 *	707.180	1.211	707.500	9.189
28	707.570	12.28	707.490	9.455	707.390	5.885 *	707.280	2.665	707.180	1.208	707.500	9.191
29	707.570	12.32	707.490	9.457	707.390	6.106	707.270	2.512	707.170	1.171	707.520	10.67 *
30	707.550	10.57	707.480	9.320			707.250	2.055	707.170	1.167	707.470	8.835
31	707.550	10.56	707.470	8.643 *			707.250	2.067			707.450	7.009
Ten-Daily Mean												
I Ten-Daily	707.697	20.10	707.536	10.54	707.455	8.251	707.354	5.284	707.263	2.503	707.296	4.073
II Ten-Daily	707.677	18.57	707.513	10.02	707.409	7.365	707.291	3.279	707.250	2.293	707.424	7.138
III Ten-Daily	707.579	12.97	707.504	9.826	707.376	6.065	707.272	2.815	707.202	1.581	707.438	7.564
Monthly												
Min.	707.550	10.56	707.470	8.643	707.350	5.580	707.240	2.055	707.170	1.167	707.150	0.996
Max.	707.840	29.32	707.545	11.54	707.485	9.350	707.390	6.377	707.310	3.429	707.520	10.67
Mean	707.649	17.07	707.517	10.12	707.414	7.267	707.305	3.761	707.238	2.126	707.388	6.301

Peak Computed Discharge = 629.1 cumecs on 28/06/2015 **Corres. Water Level :710.42 m**

Lowest Computed Discharge = 1.145 cumecs on 01/05/2016 **Corres. Water Level :707.17 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

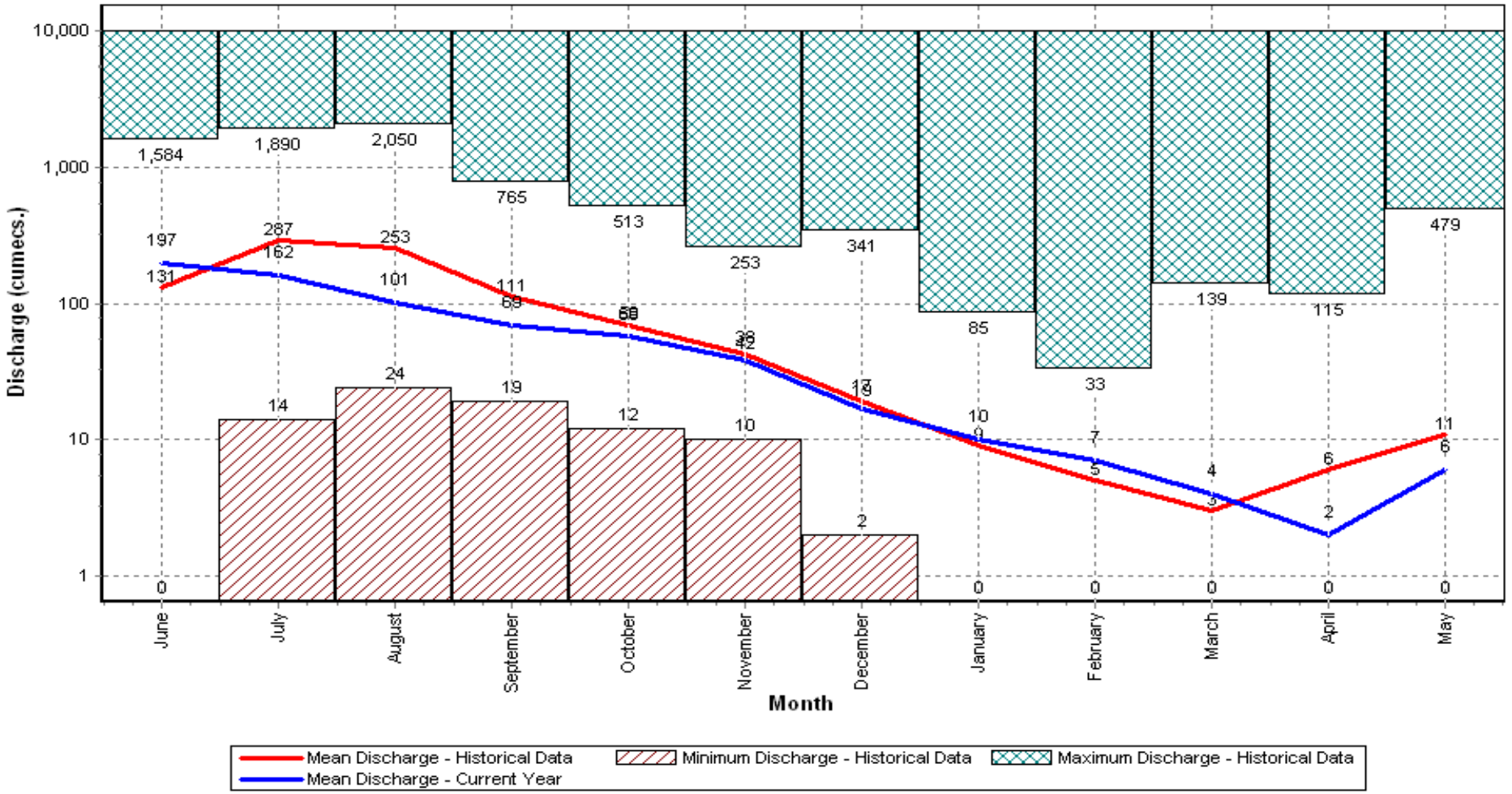
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : MUTHANKERA (CCP00T8) | **Data considered : 1973-2016** | **Division : SWR Division, Cochin**

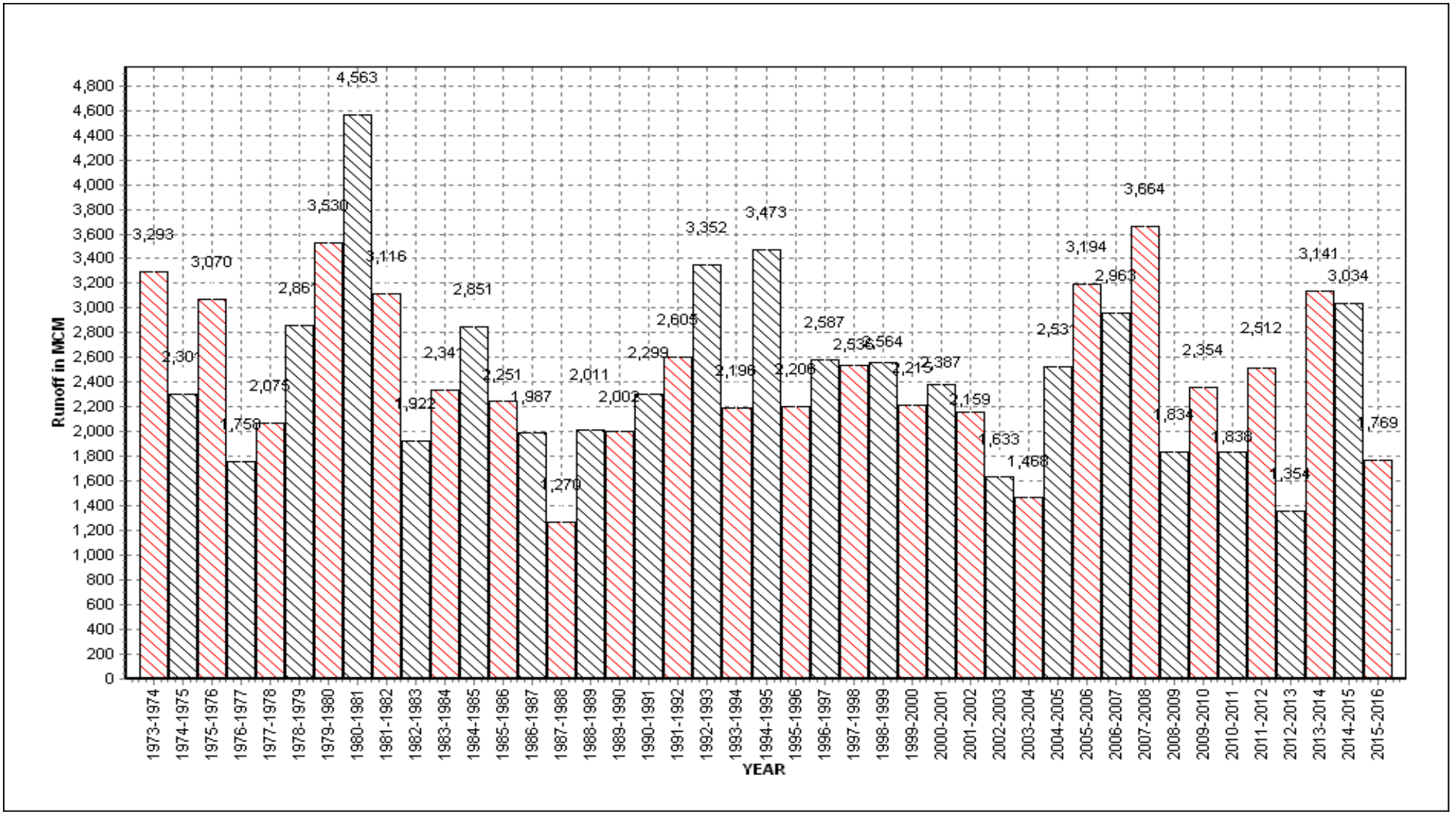
Local River : Kabini | **Sub-Division : Chaliyar SD, Calicut**



Annual Runoff Values for the period: 1973 - 2016

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

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

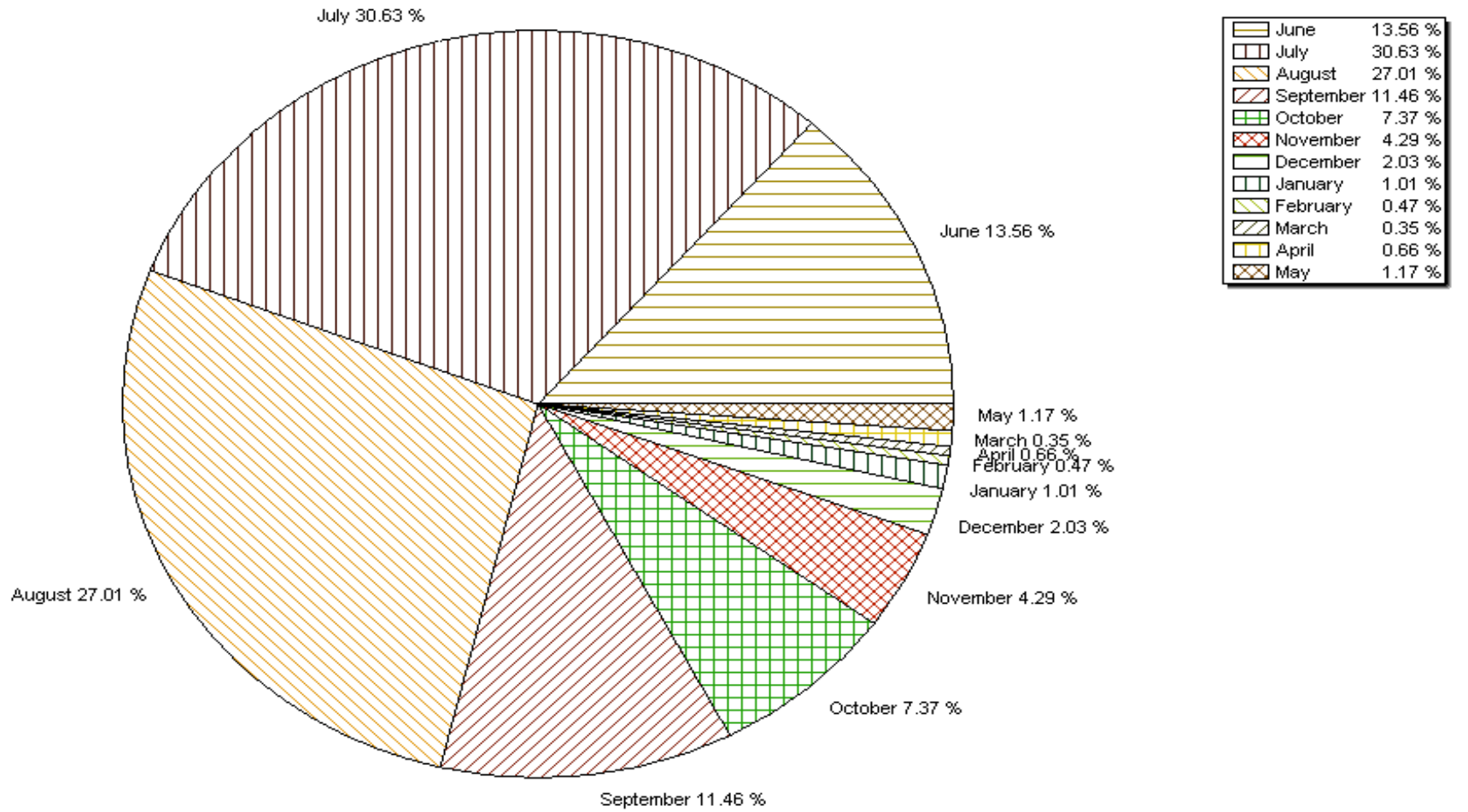


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1973-2015

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

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



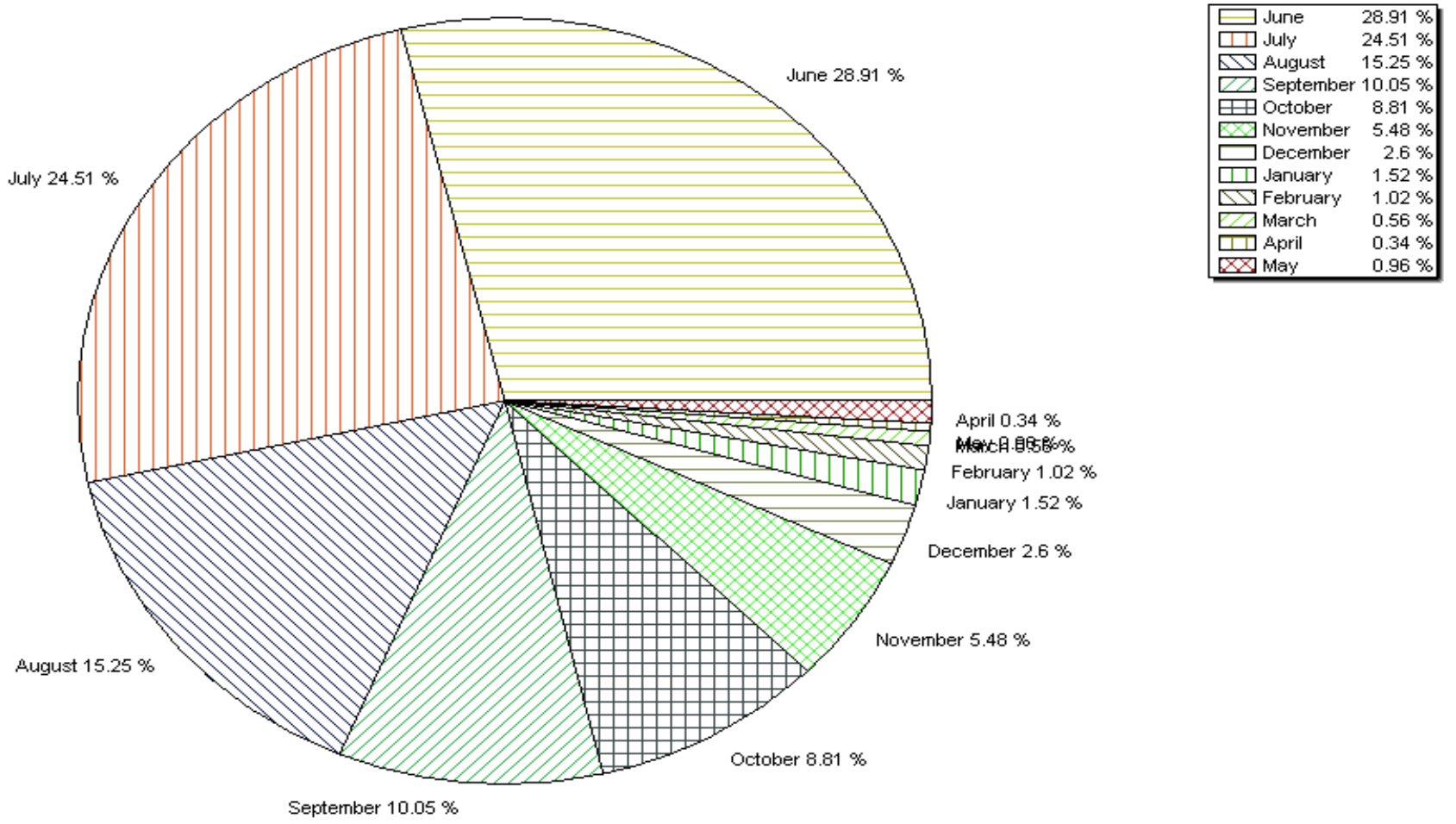
Monthly Runoff for the Year : 2015-2016

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

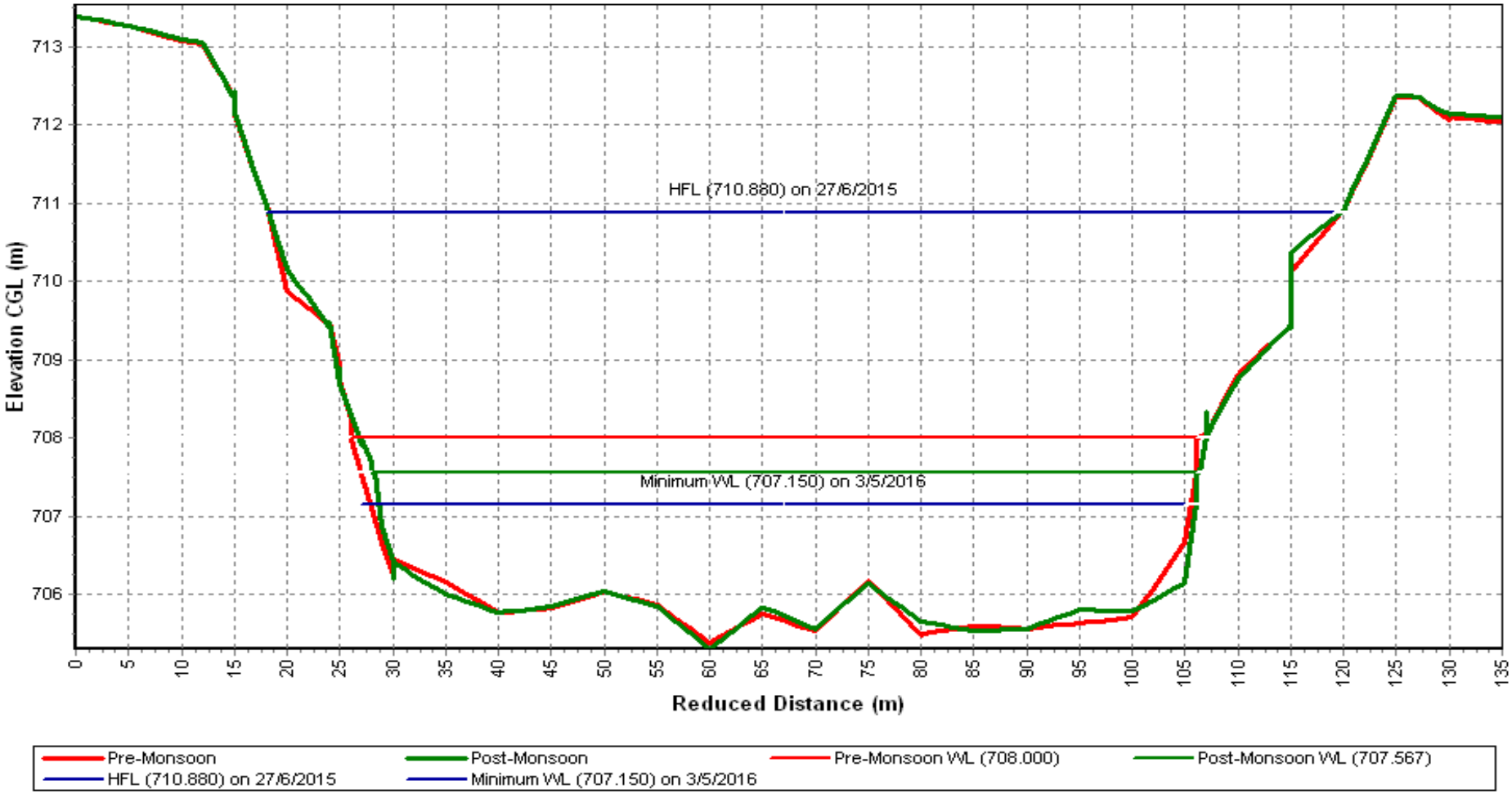
Sub-Division : Chaliyar SD, Calicut



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

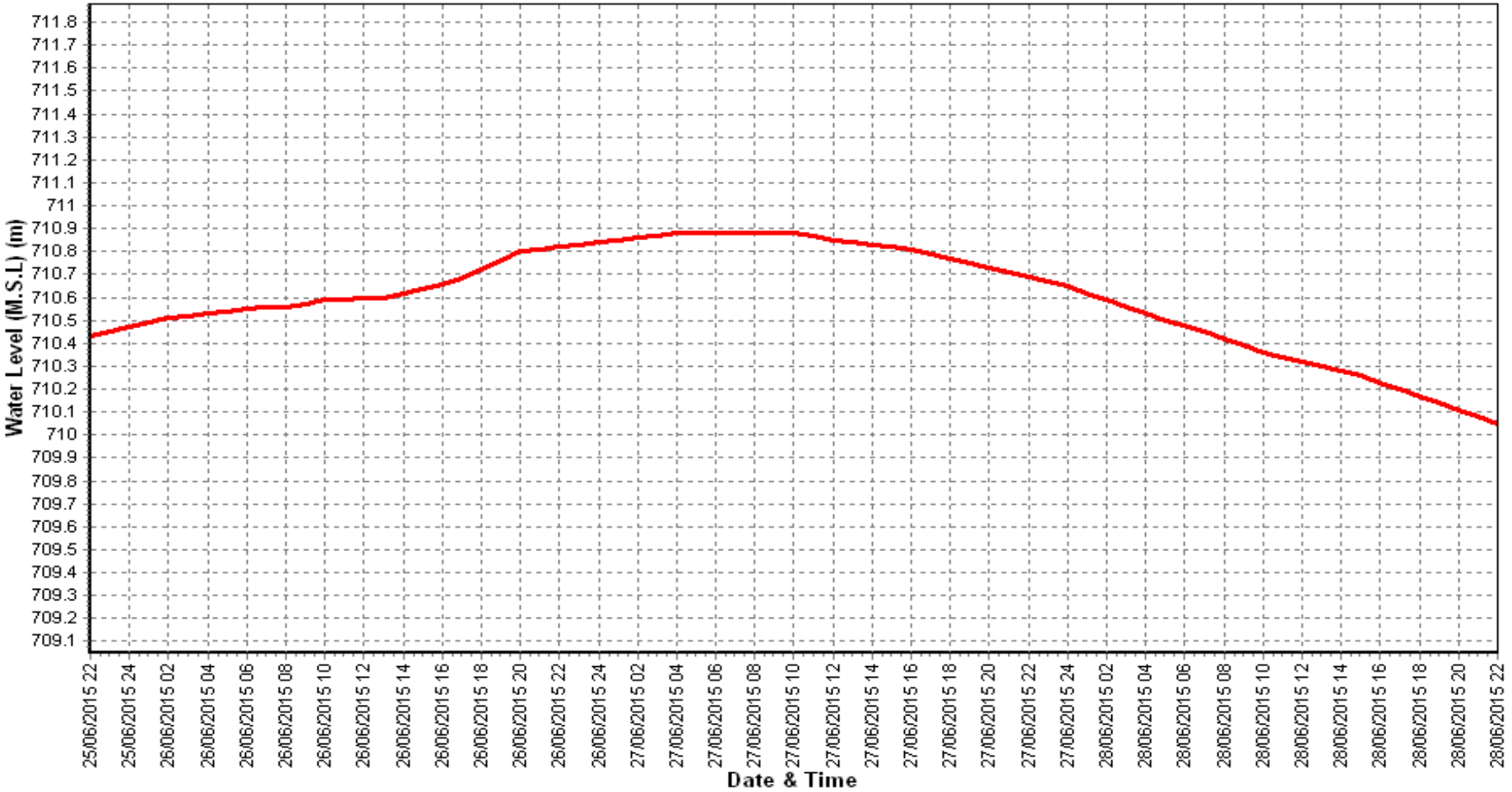
Local River : Kabini **Sub-Division : Chaliyar SD, Calicut**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

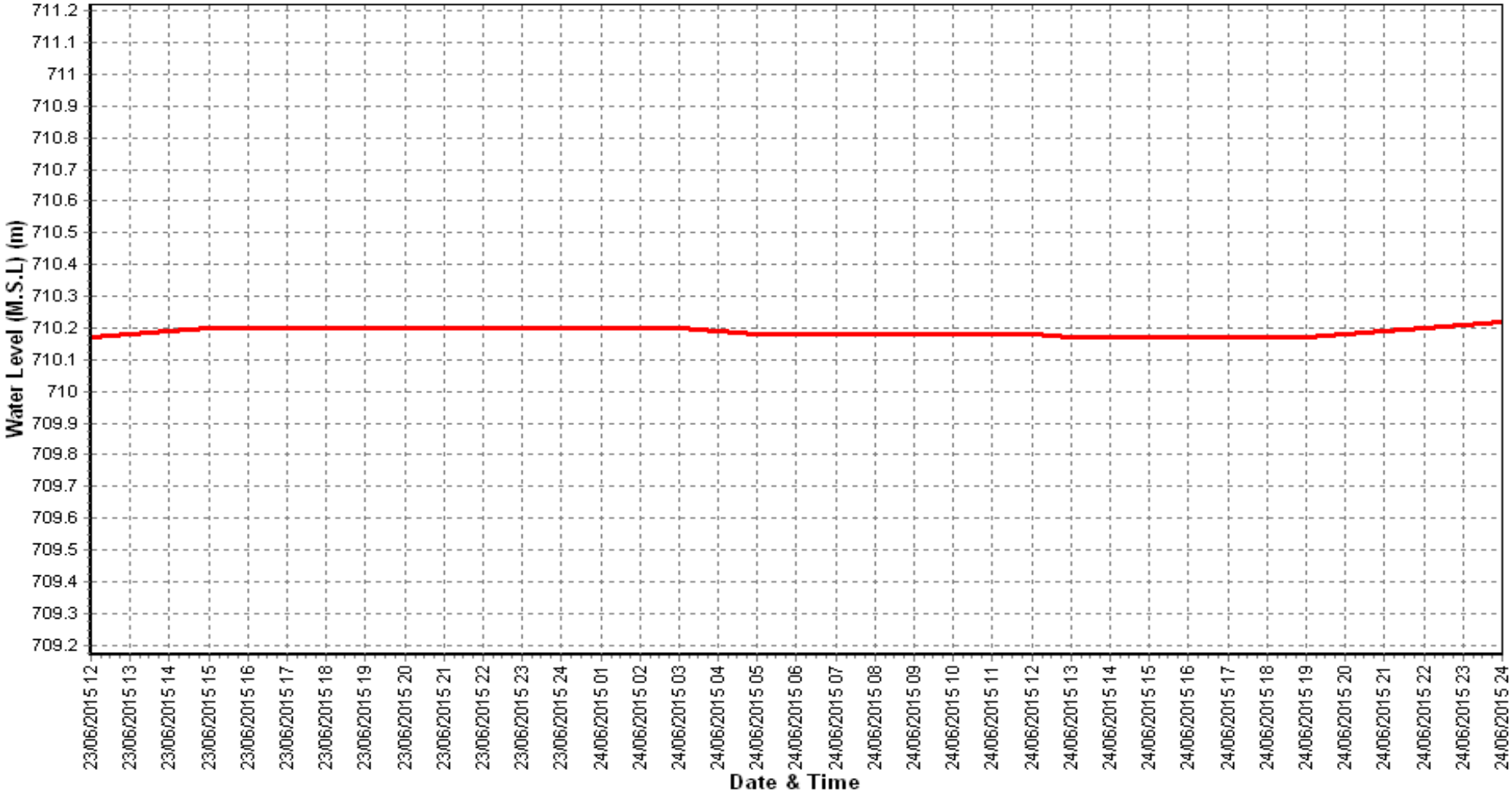


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

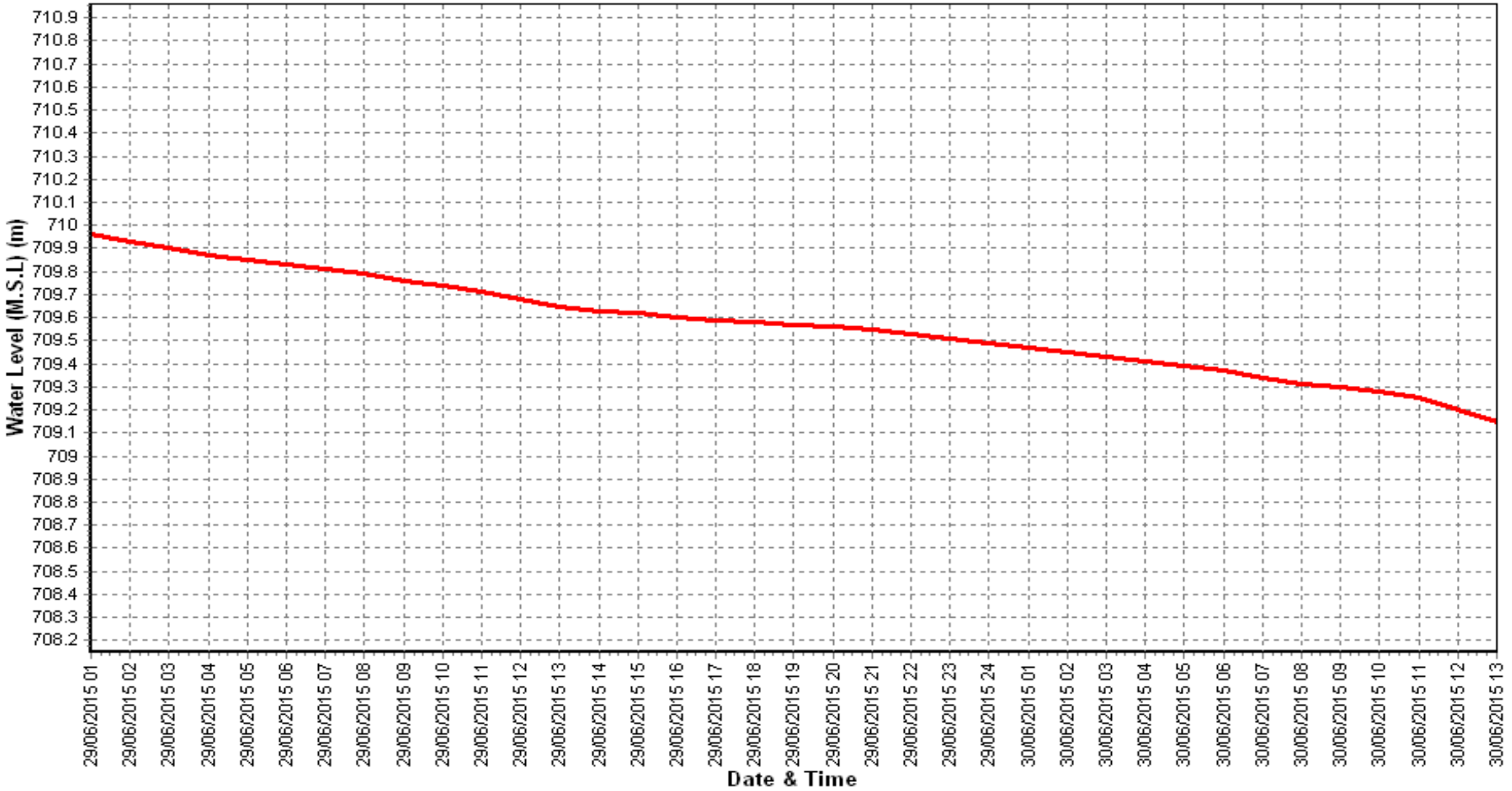


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	766.070	0.000	767.950	52.88	766.075	0.462	766.170	0.800	767.100	14.79	766.420	2.709 *
2	766.150	0.726	767.530	31.28 *	766.030	0.000	766.030	0.000	766.750	7.308 *	767.750	32.27
3	765.990	0.000	767.070	14.90	766.030	0.000	766.030	0.000	766.600	5.175	766.600	4.655
4	765.980	0.000	767.050	14.85	766.000	0.000	766.100	0.286	766.540	4.150 *	766.600	4.700
5	766.020	0.000	766.900	10.79 *	765.940	0.000	766.190	0.000	766.600	5.189	766.700	7.641
6	766.020	0.000	766.800	8.638	765.910	0.000	766.450	3.044 *	766.600	5.196	766.540	3.595
7	766.200	0.000	766.720	7.680	765.900	0.000	766.250	1.164	766.540	4.135	766.420	2.384
8	766.210	0.995	766.750	7.630	765.900	0.000	766.170	0.800	766.750	8.660	766.420	2.709 *
9	766.170	0.857	766.540	3.905	765.900	0.000	766.300	1.853	766.600	5.178	766.420	2.394
10	766.150	0.707	766.540	3.935	766.360	1.938	766.700	7.343	766.700	7.108	766.520	3.711
11	766.170	0.822	766.730	7.809	766.120	0.731	766.600	4.748	766.630	5.407 *	766.600	4.971 *
12	766.150	0.673	766.730	7.304 *	766.230	1.301 #	766.420	2.478	766.750	7.816	766.750	8.041
13	766.120	0.448 #	766.730	7.577	766.510	3.793	766.400	2.496 *	766.700	7.226	766.600	4.611
14	766.120	0.448 *	766.450	2.990	766.540	4.400	766.350	1.959	766.520	3.962	767.650	28.19
15	766.120	0.448 #	766.280	1.359	766.460	3.414 *	766.300	1.824	766.420	2.466	767.320	19.66 *
16	766.120	0.448 #	766.240	1.528	766.270	1.590 *	766.300	1.947	766.350	2.249	766.750	8.075
17	766.120	0.445	766.240	1.552	766.190	1.162	766.320	1.721 *	766.280	1.274	766.600	4.579
18	766.125	0.455	766.240	1.349 *	766.250	1.454	766.350	2.252	766.280	1.383 *	766.520	3.648
19	766.100	0.371	767.440	27.56 *	766.270	1.471	766.400	2.488	766.280	1.376	766.520	3.644
20	766.140	0.477	767.940	51.60	766.600	4.946	766.340	1.903 *	766.200	0.980	766.520	3.567
21	767.600	69.96 *	767.900	49.53	766.300	2.185	766.400	2.486	766.250	1.147	766.450	2.673
22	768.440	171.6 #	767.020	14.75	766.170	0.866	766.300	1.548 #	766.250	1.151 *	766.450	3.044 *
23	768.700	213.1 #	766.800	8.591	766.180	0.985 *	766.250	1.178	766.250	1.073	766.600	4.042
24	769.200	317.0	767.080	14.87	766.150	0.394	766.210	0.871 #	766.250	1.151 *	766.520	3.522
25	769.440	352.7	767.040	14.80	766.400	2.184	766.800	8.175 *	766.250	1.151 *	766.450	3.044 *
26	769.460	187.3 *	766.700	6.865 *	766.300	2.002	766.550	3.815	766.350	2.229	766.380	2.290 #
27	769.400	180.0 *	766.750	8.214	766.250	1.151 *	766.500	3.639 *	766.340	2.184	766.300	1.271
28	769.540	197.3 *	766.820	8.557	766.150	0.389	766.530	3.648	766.420	2.481	766.380	2.290 #
29	769.340	172.8 *	766.720	7.484	766.100	0.286	766.420	2.521	766.540	4.243	766.180	0.685 *
30	767.990	54.76 *	766.500	3.885	766.090	0.249 *	767.300	20.11	766.420	2.498	766.030	0.000
31			766.350	2.242	766.040	0.000			766.520	3.673		
Ten-Daily Mean												
I Ten-Daily	766.096	0.329	766.985	15.65	766.004	0.240	766.239	1.529	766.678	6.689	766.639	6.677
II Ten-Daily	766.129	0.503	766.702	11.06	766.344	2.426	766.378	2.382	766.441	3.414	766.783	8.898
III Ten-Daily	768.911	191.7	766.880	12.71	766.194	0.972	766.526	4.799	766.349	2.089	766.374	2.286
Monthly												
Min.	765.980	0.000	766.240	1.349	765.900	0.000	766.030	0.000	766.200	0.980	766.030	0.000
Max.	769.540	352.7	767.950	52.88	766.600	4.946	767.300	20.11	767.100	14.79	767.750	32.27
Mean	767.045	64.16	766.856	13.13	766.181	1.205	766.381	2.903	766.485	4	766.599	5.954

Annual Runoff in MCM = 240 Annual Runoff in mm = 181

Peak Observed Discharge = 352.7 cumecs on 25/06/2015 Corres. Water Level :769.44 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :766.07 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 2015 - 2016

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	766.040	0.000	766.100	0.166	766.040	0.000	765.970	0.000	766.000	0.000	765.920	0.000
2	766.250	1.082	766.040	0.000	766.030	0.000	765.970	0.000	765.980	0.000	765.900	0.000
3	766.250	1.096	766.030	0.000	766.040	0.000	765.990	0.000	765.980	0.000	765.900	0.000
4	766.300	1.398	766.020	0.000	766.040	0.000	766.000	0.000	765.980	0.000	765.900	0.000
5	766.250	1.176	766.040	0.000	766.040	0.000	766.000	0.000	765.980	0.000	765.910	0.000
6	766.100	0.218 *	766.040	0.000	766.040	0.000	765.980	0.000	765.980	0.000	765.910	0.000
7	766.040	0.000	766.030	0.000	766.040	0.000	765.950	0.000	765.960	0.000	765.920	0.000
8	766.040	0.000	766.030	0.000	766.040	0.000	765.950	0.000	765.960	0.000	765.950	0.000
9	766.250	1.151	766.040	0.000	766.040	0.000	765.930	0.000	765.950	0.000	766.000	0.000
10	766.380	2.489 #	766.030	0.000	766.030	0.000	765.940	0.000	765.950	0.000	766.000	0.000
11	766.100	0.264	766.040	0.000	766.030	0.000	765.950	0.000	765.980	0.000	765.990	0.000
12	766.200	0.711 #	766.020	0.000	766.040	0.000	765.950	0.000	765.980	0.000	765.980	0.000
13	766.300	1.546 *	766.020	0.000	766.040	0.000	765.960	0.000	765.980	0.000	765.970	0.000
14	766.250	1.221	766.020	0.000	766.000	0.000	765.980	0.000	765.990	0.000	765.990	0.000
15	766.150	0.390	766.030	0.000	765.970	0.000	766.000	0.000	765.990	0.000	765.980	0.000
16	766.150	0.320	766.030	0.000	765.970	0.000	766.020	0.000	766.000	0.000	765.990	0.000
17	766.200	1.014	766.030	0.000	766.000	0.000	766.020	0.000	766.000	0.000	765.990	0.000
18	766.220	1.155	766.020	0.000	766.020	0.000	766.010	0.000	766.000	0.000	765.990	0.000
19	766.250	1.145	766.010	0.000	766.020	0.000	766.010	0.000	765.980	0.000	765.990	0.000
20	766.100	0.152 *	766.020	0.000	766.000	0.000	766.000	0.000	765.960	0.000	765.980	0.000
21	766.200	1.070	766.020	0.000	765.980	0.000	766.020	0.000	765.960	0.000	765.980	0.000
22	766.200	1.064	766.030	0.000	765.960	0.000	765.990	0.000	765.950	0.000	765.990	0.000
23	766.150	0.395	766.020	0.000	765.960	0.000	766.010	0.000	765.950	0.000	766.000	0.000
24	766.200	0.907 *	766.020	0.000	765.970	0.000	766.020	0.000	765.950	0.000	765.980	0.000
25	766.150	0.443 *	766.010	0.000	765.980	0.000	766.010	0.000	765.950	0.000	765.960	0.000
26	766.150	0.440	766.010	0.000	766.000	0.000	766.000	0.000	765.950	0.000	765.950	0.000
27	766.150	0.443 *	766.020	0.000	766.010	0.000	766.000	0.000	765.950	0.000	765.950	0.000
28	766.200	1.041	766.000	0.000	766.000	0.000	766.000	0.000	765.950	0.000	765.950	0.000
29	766.150	0.398	766.010	0.000	765.980	0.000	766.020	0.000	765.940	0.000	765.950	0.000
30	766.150	0.457	766.040	0.000			766.020	0.000	765.940	0.000	765.960	0.000
31	766.130	0.259	766.040	0.000			766.010	0.000			765.980	0.000
Ten-Daily Mean												
I Ten-Daily	766.190	0.861	766.040	0.017	766.038	0.000	765.968	0.000	765.972	0.000	765.931	0.000
II Ten-Daily	766.192	0.792	766.024	0.000	766.009	0.000	765.990	0.000	765.986	0.000	765.985	0.000
III Ten-Daily	766.166	0.629	766.020	0.000	765.982	0.000	766.009	0.000	765.949	0.000	765.968	0.000
Monthly												
Min.	766.040	0.000	766.000	0.000	765.960	0.000	765.930	0.000	765.940	0.000	765.900	0.000
Max.	766.380	2.489	766.100	0.166	766.040	0.000	766.020	0.000	766.000	0.000	766.000	0.000
Mean	766.182	0.756	766.028	0.005	766.011	0	765.990	0	765.969	0	765.962	0

Peak Computed Discharge = 197.3 cumecs on 28/06/2015 **Corres. Water Level :769.54 m**

Lowest Computed Discharge = 0.152 cumecs on 20/12/2015 **Corres. Water Level :766.1 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

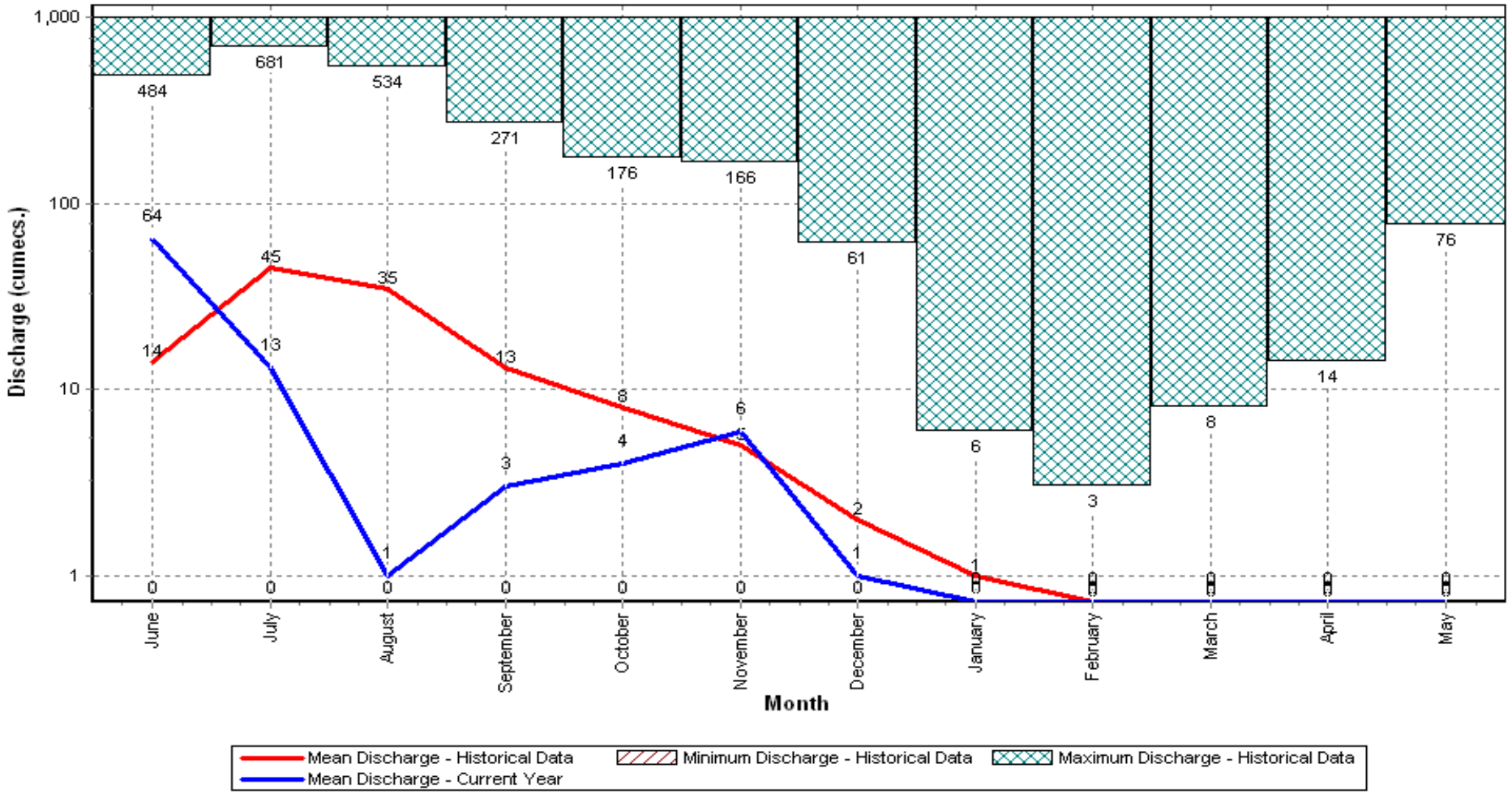
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : K.M.Vadi (CCQ00E9) | **Data considered : 1980-2016** | **Division : Cauvery Division, Bangalore**

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


Discharge (cumecs.)
1,000
100
10
1
484
681
534
271
176
166
61
6
3
8
14
76
64
45
35
13
8
6
4
3
2
1
1
0
0
0

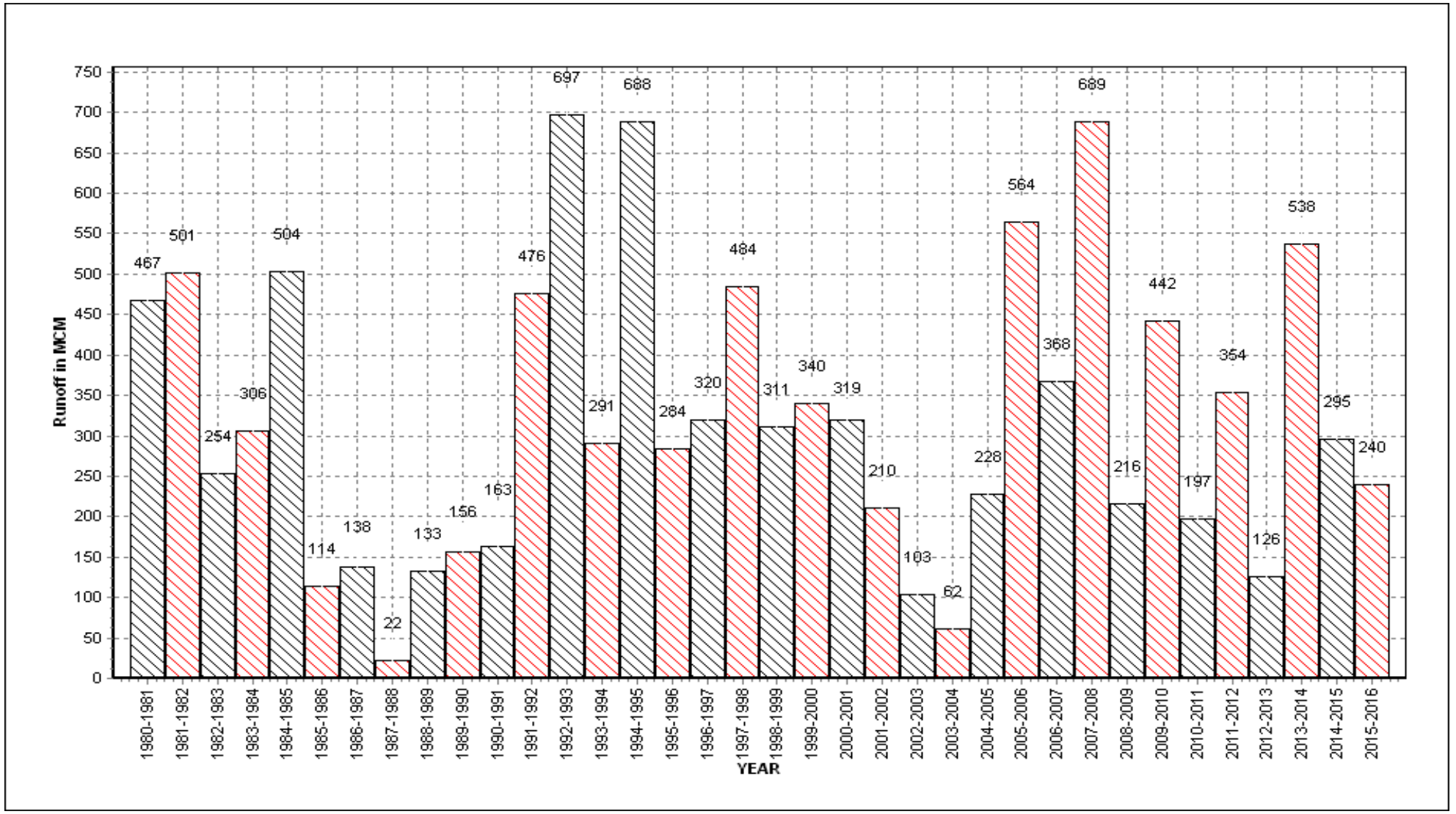
Annual Runoff Values for the period: 1980 - 2016

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

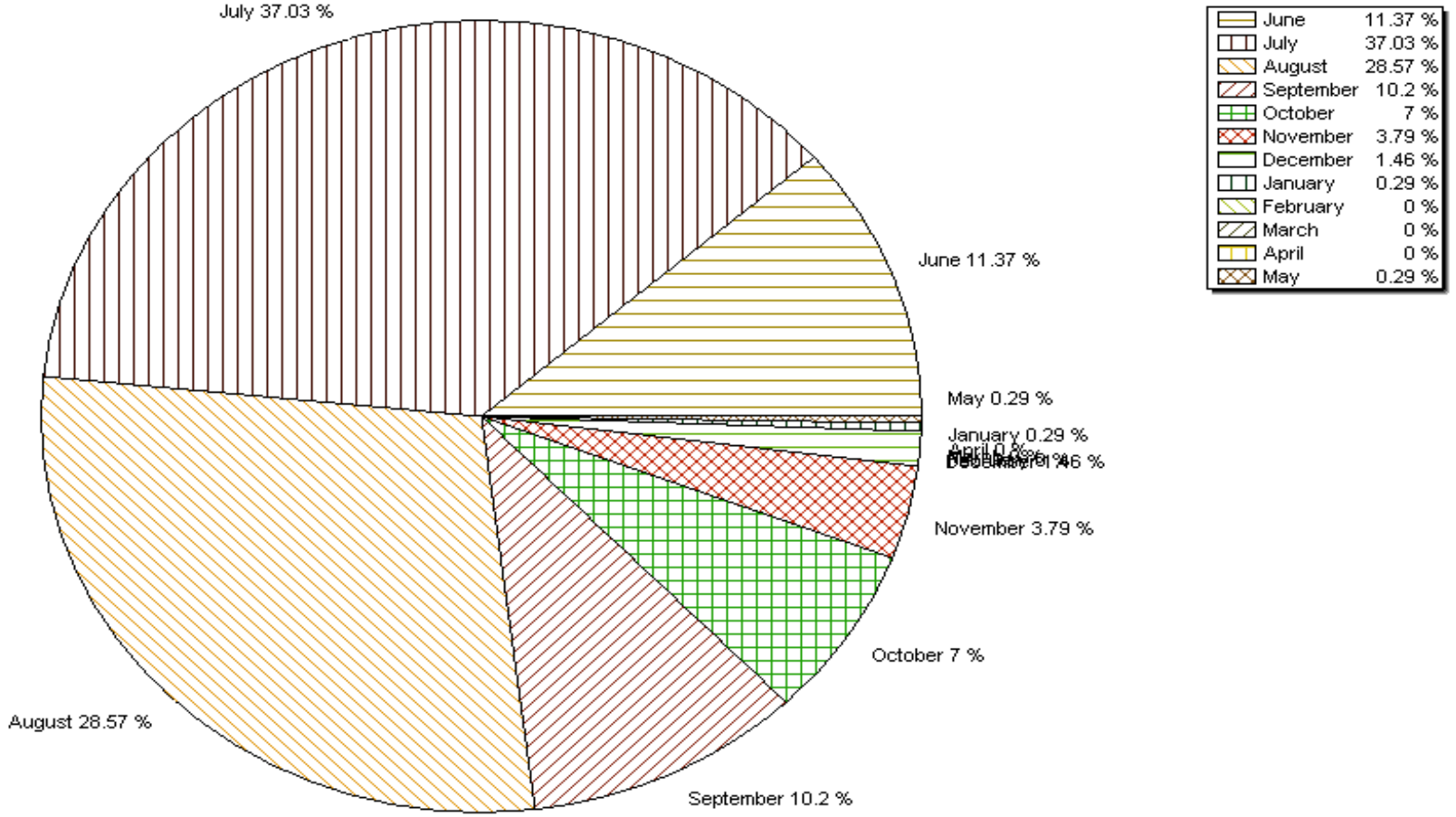
Monthly Average Runoff based on period : 1980-2015

Station Name : K.M.Vadi (CCQ00E9)

Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



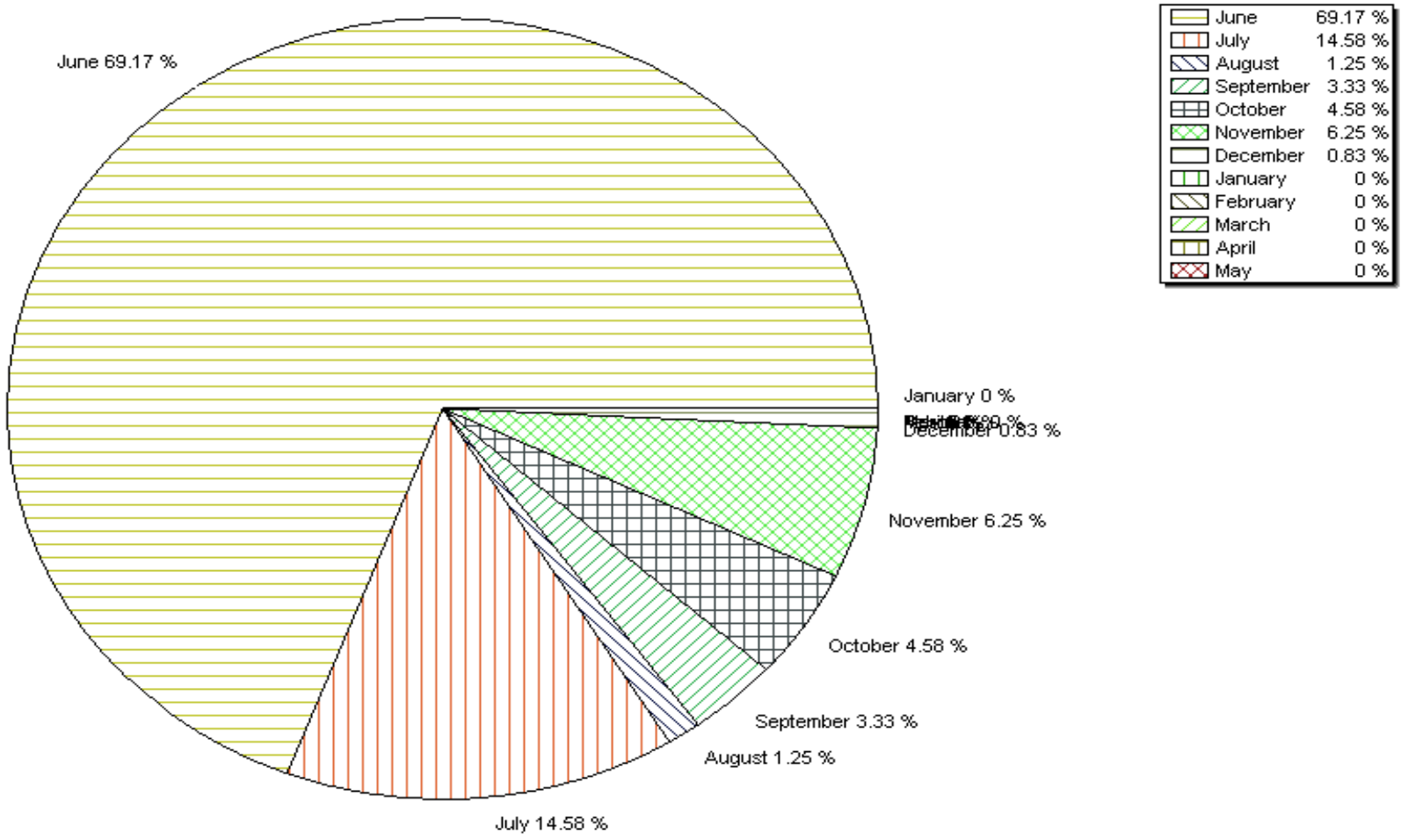
Monthly Runoff for the Year : 2015-2016

Station Name : K.M.Vadi (CCQ00E9)

Local River : Lakhshmanthirtha

Division : Cauvery Division, Bangalore

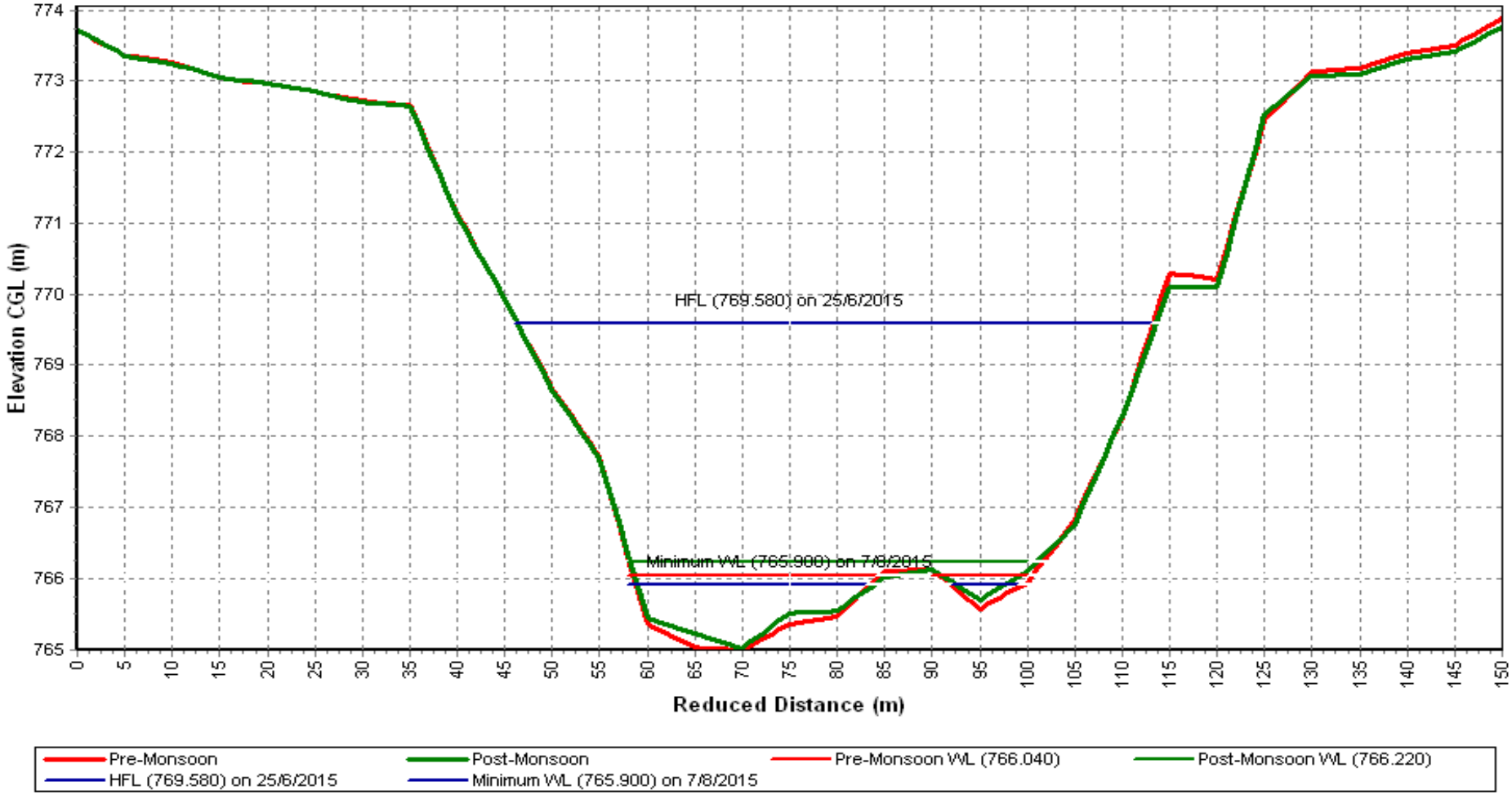
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

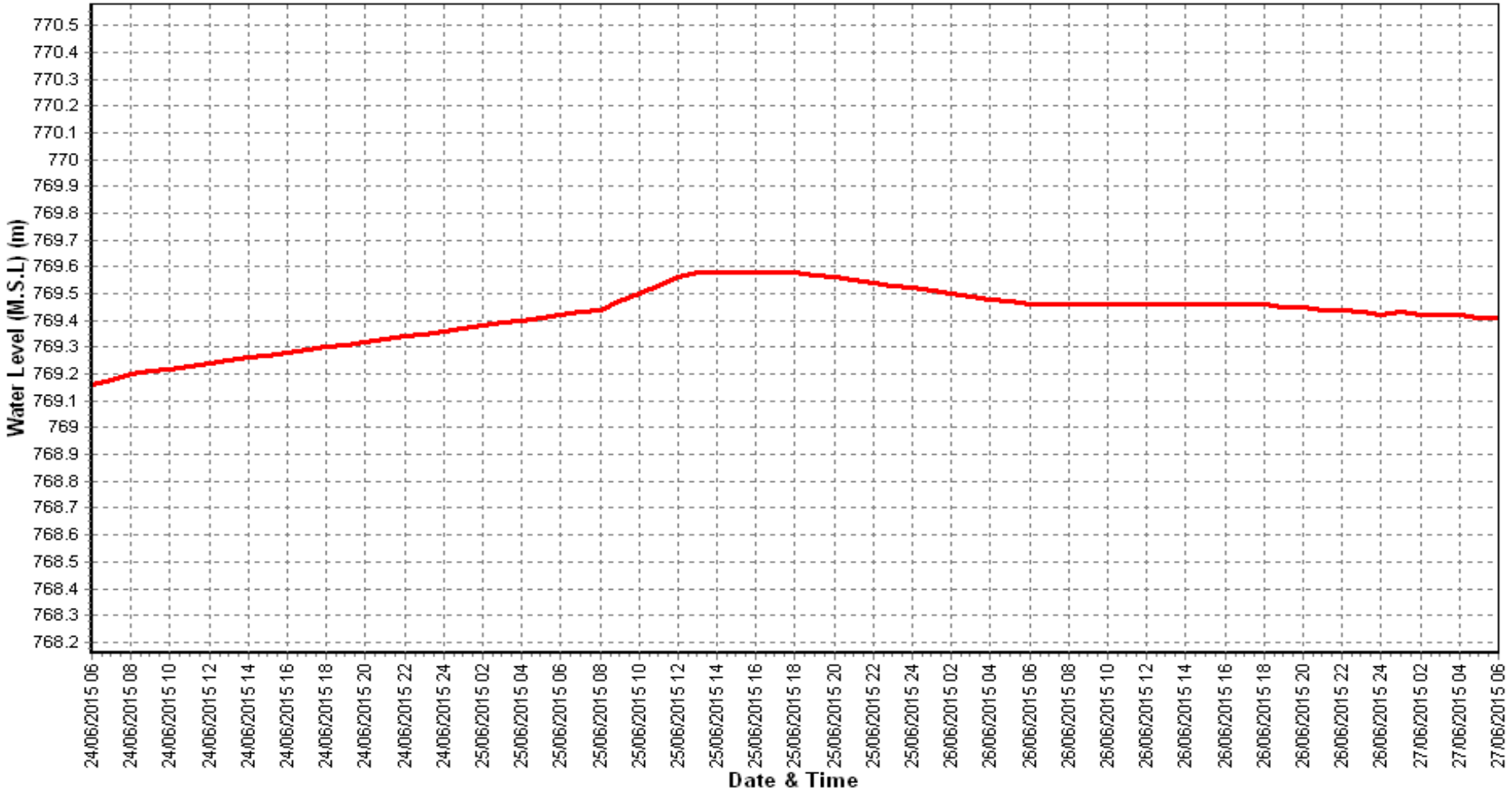
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

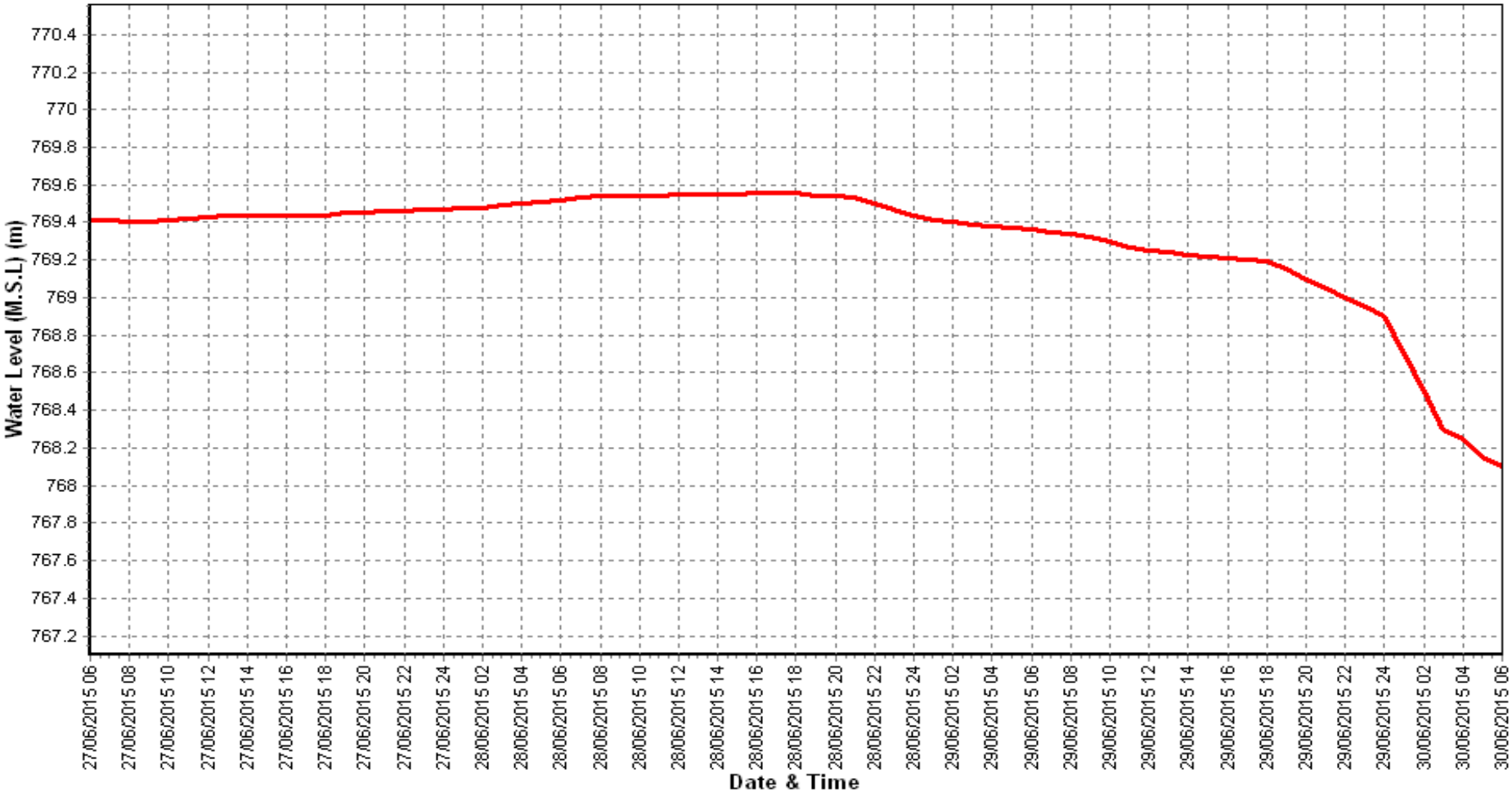


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

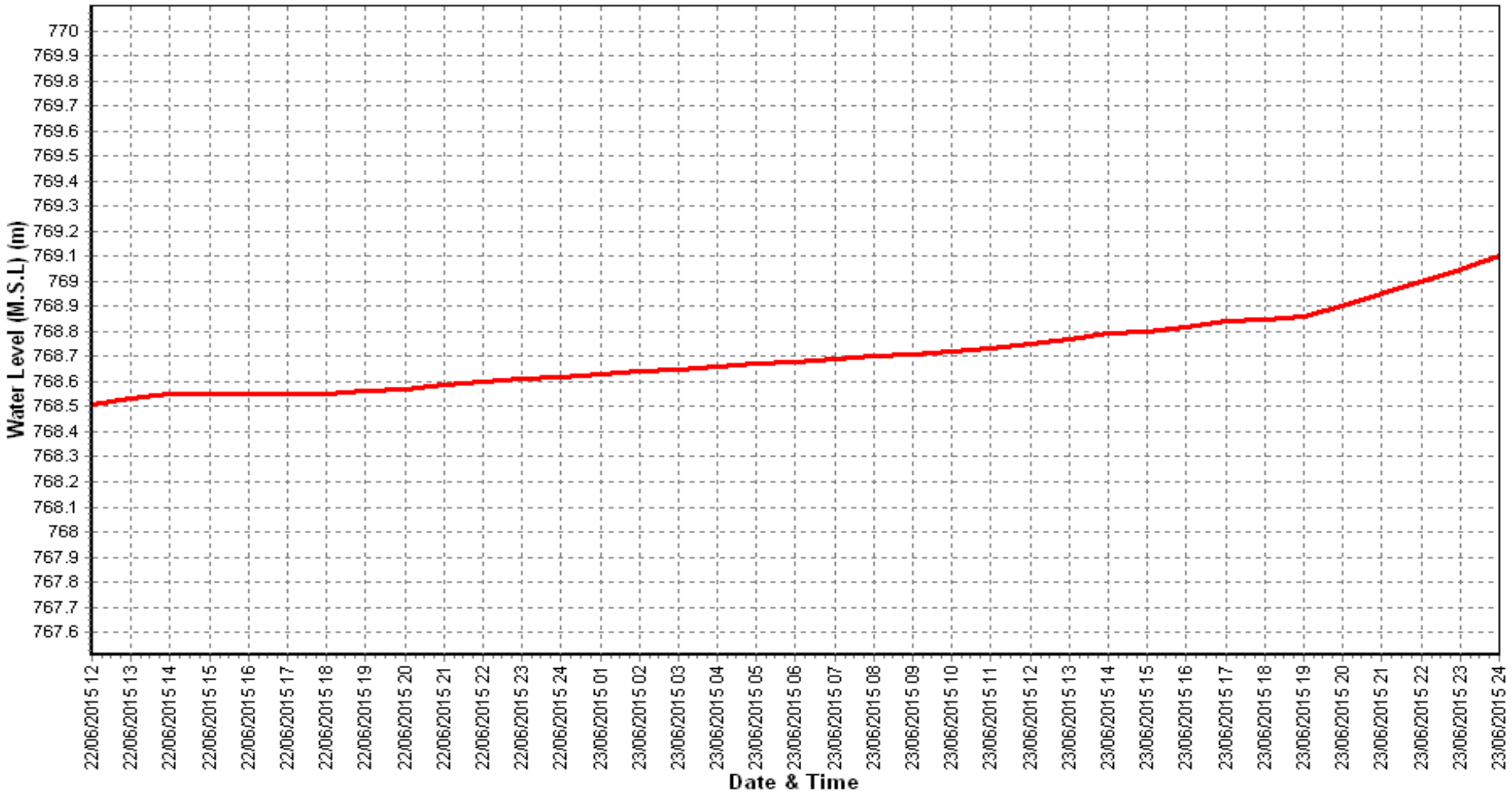


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2014-2015

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

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

Stage-Discharge Data for the period 2015 - 2016

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	746.985	5.982	746.855	1.663	746.870	2.642	747.000	5.634	747.750	68.07	747.350	21.73 *
2	746.985	6.003	746.830	1.275	746.860	1.912 *	746.995	5.929	747.550	41.58 *	747.630	51.86
3	746.925	3.556	746.890	2.578	747.050	6.682	746.985	5.705	747.560	44.59	748.160	140.0
4	746.945	4.204	746.860	2.116	746.900	3.241	747.030	7.467	747.480	33.01 *	748.020	118.1
5	746.920	3.768	746.890	2.773 *	747.260	20.48 #	747.290	12.55	747.595	47.54	748.030	115.5
6	746.940	3.987	746.880	2.603	746.930	3.913	747.580	45.51 *	748.175	141.1	747.885	97.42
7	746.910	3.322 *	746.880	2.671	746.980	5.452	747.535	38.36	747.710	61.54	747.635	54.46
8	746.910	3.134	746.880	2.582	746.965	4.551	747.600	45.94	747.635	52.94	747.450	29.87 *
9	746.920	3.522	746.870	2.342	746.950	4.151 *	747.425	28.12	747.470	34.30	747.350	18.08
10	746.925	4.179	746.830	1.112	746.940	3.600	747.445	28.19	747.355	22.94	747.460	30.64
11	746.890	2.772	746.830	1.447	746.960	3.886	747.310	16.78	747.400	24.29 *	747.480	32.61 *
12	746.915	3.397	746.830	1.408 *	747.290	16.97	747.270	13.55	747.365	20.38	747.515	37.22
13	747.375	28.59	746.820	1.102	747.320	25.05 #	747.250	11.16 *	747.470	34.70	747.475	34.18
14	746.900	3.042 *	746.810	0.846	747.820	92.35	747.280	13.43 #	747.385	24.72	747.425	26.12
15	746.855	2.405	746.810	0.870	747.850	85.08 *	747.260	10.69	747.360	21.59	747.350	21.73 *
16	747.120	10.28	746.830	1.414	747.900	92.56 *	747.370	22.29	747.330	18.24	747.380	23.99
17	746.860	2.442	746.870	2.068	748.000	126.4	747.000	0.114 *	747.280	9.481	747.350	23.35
18	747.160	13.81	746.870	2.130 *	747.980	109.8	747.750	72.74	747.360	20.36 *	747.340	18.69
19	746.870	2.649 *	746.860	1.912 *	748.025	113.8	747.795	79.98	747.325	16.93	747.330	17.59
20	746.895	2.978	746.900	2.848	748.070	115.7	747.770	73.86 *	747.330	15.30	747.095	9.347
21	746.870	2.269 *	746.880	2.594	748.045	110.7	747.870	87.99	747.340	20.36	747.305	18.55 #
22	746.885	2.916	746.870	2.218	748.005	101.0	747.795	77.73	747.280	13.43 *	747.210	12.77 *
23	746.890	2.547	746.915	3.427	748.050	116.9 *	747.860	90.17	747.320	19.12	747.295	13.25
24	746.890	2.796	746.870	2.122	747.550	49.15	747.625	54.89	747.340	18.52 *	747.270	16.28 #
25	746.840	1.940	746.860	1.995	748.220	159.2	747.860	89.30 *	747.300	15.05 *	747.060	6.075 *
26	746.890	3.565	746.840	1.510 *	748.120	136.6	748.205	155.0	747.290	13.26	747.040	5.392 #
27	746.840	1.642	746.835	1.628	748.145	131.9	748.180	154.2 *	747.040	5.392 #	747.035	6.505
28	746.880	2.515 *	746.840	1.267	748.150	138.3	748.160	141.8	747.040	5.392 #	747.035	5.793
29	746.830	1.096	746.840	1.646	747.520	38.00	747.565	47.51	747.375	20.96	747.390	24.81 *
30	746.860	1.753	746.840	1.365	747.510	42.52 *	747.475	34.41	747.390	24.02	747.330	19.53
31			746.840	1.555	747.375	25.94			747.355	17.65		
Ten-Daily Mean												
I Ten-Daily	746.937	4.166	746.867	2.172	746.971	5.662	747.288	22.34	747.628	54.76	747.697	67.76
II Ten-Daily	746.984	7.237	746.843	1.604	747.721	78.15	747.406	31.46	747.360	20.60	747.374	24.48
III Ten-Daily	746.867	2.304	746.857	1.939	747.881	95.48	747.859	93.30	747.279	15.74	747.197	12.90
Monthly												
Min.	746.830	1.096	746.810	0.846	746.860	1.912	746.985	0.114	747.040	5.392	747.035	5.392
Max.	747.375	28.59	746.915	3.427	748.220	159.2	748.205	155.0	748.175	141.1	748.160	140.0
Mean	746.929	4.569	746.856	1.906	747.536	60.92	747.518	49.03	747.418	29.9	747.423	35.05

Annual Runoff in MCM = 535 Annual Runoff in mm = 102

Peak Observed Discharge = 159.2 cumecs on 25/08/2015 Corres. Water Level :748.22 m

Lowest Observed Discharge = 0.000 cumecs on 04/05/2016 Corres. Water Level :746.64 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 2015 - 2016

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	747.355	22.65	746.950	2.536	746.850	2.511	746.820	2.112	746.730	0.809	746.660	0.020 *
2	747.410	23.71 #	746.935	2.229	746.850	2.430	746.800	1.357	746.780	1.454	746.660	0.020
3	747.445	25.84 #	746.940	2.282 *	746.850	2.476	746.800	1.351	746.760	1.128 *	746.660	0.020 #
4	747.425	29.28	746.940	2.405	746.860	2.644	746.810	1.289	746.710	0.577	746.640	0.000
5	747.400	29.30	746.950	2.444	746.840	2.405	746.800	1.641	746.700	0.597	746.640	0.000
6	747.300	14.60 *	746.960	2.537	747.390	9.496	746.810	1.787 *	746.700	0.617	746.640	0.000
7	747.305	14.60	746.960	2.572	747.220	11.17 *	746.800	1.643	746.720	0.741	746.640	0.000
8	747.340	20.35	746.960	2.501	746.900	3.081	746.820	1.836	746.750	1.011 *	746.630	0.000
9	747.340	20.35	746.920	1.999	746.880	2.974	746.780	1.343	746.770	1.228	746.630	0.000
10	747.320	16.92	746.930	2.128 *	746.900	3.805	746.780	1.366	746.770	1.250 *	746.630	0.000
11	747.330	20.41	746.935	2.177	746.890	3.327	746.820	2.221	746.780	1.258	746.630	0.000
12	747.320	17.55	746.920	1.963	746.880	3.208	746.730	0.743	746.780	1.333	746.640	0.000
13	747.310	18.13 *	746.920	2.033	746.900	3.761	746.750	1.011 *	746.730	0.782	746.640	0.000
14	747.300	18.79	746.890	1.573 #	746.840	2.240 *	746.730	0.753	746.700	0.509 *	746.730	0.711
15	747.380	23.91	746.890	1.573 *	746.830	1.854	746.710	0.722	746.720	0.806	746.740	0.868 *
16	747.300	16.90	746.880	1.399	746.840	2.522	746.710	0.698	746.690	0.341	746.760	1.227
17	747.035	5.731	746.880	1.449 *	746.850	2.513	746.730	0.805	746.680	0.349 *	746.730	0.686
18	746.935	3.960	746.875	1.381	746.815	1.400	746.700	0.507	746.690	0.359	746.720	0.642
19	746.935	4.574	746.880	1.503	746.800	1.188	746.700	0.518	746.680	0.349 *	746.790	1.983
20	746.940	4.047 *	746.870	1.347	746.830	1.968	746.690	0.426 *	746.690	0.361	746.800	2.073
21	746.950	4.378	746.870	1.362	746.810	1.787 *	746.700	0.521	746.670	0.278 #	746.770	1.419 *
22	746.920	3.614	746.880	1.357	746.815	1.698	746.690	0.471	746.670	0.064	746.740	0.868 *
23	746.920	3.653	746.880	2.742	746.860	3.062	746.690	0.474	746.670	0.066 *	746.740	0.912
24	746.930	3.808 *	746.890	2.931 *	746.840	2.378	746.700	0.539	746.660	0.020 *	746.740	0.935
25	746.960	4.547 *	746.870	2.961	746.830	2.092	746.690	0.426 *	746.670	0.069	746.730	0.690
26	746.930	3.869	746.890	2.931 *	746.840	2.382	746.680	0.349 #	746.670	0.066 #	746.720	0.538
27	747.330	19.19 *	746.850	2.510	746.830	2.108	746.670	0.278 *	746.690	0.192	746.700	0.364
28	747.290	15.49	746.870	2.727	746.830	2.084 *	746.680	0.324	746.680	0.133 #	746.770	1.282
29	747.290	15.47	746.840	2.547	746.820	2.166	746.680	0.349 #	746.680	0.133 #	746.770	1.419 *
30	747.100	8.429	746.850	2.614			746.710	0.592	746.670	0.066 #	746.700	0.348
31	746.940	2.282 #	746.850	2.542 *			746.730	0.855			746.720	0.454
Ten-Daily Mean												
I Ten-Daily	747.364	21.76	746.944	2.363	746.954	4.299	746.802	1.573	746.739	0.941	746.643	0.006
II Ten-Daily	747.179	13.40	746.894	1.640	746.848	2.398	746.727	0.841	746.714	0.645	746.718	0.819
III Ten-Daily	747.051	7.702	746.867	2.475	746.831	2.195	746.693	0.471	746.673	0.109	746.736	0.839
Monthly												
Min.	746.920	2.282	746.840	1.347	746.800	1.188	746.670	0.278	746.660	0.020	746.630	0.000
Max.	747.445	29.30	746.960	2.961	747.390	11.17	746.820	2.221	746.780	1.454	746.800	2.073
Mean	747.193	14.07	746.901	2.169	746.879	2.991	746.739	0.945	746.709	0.565	746.700	0.564

Peak Computed Discharge = 154.2 cumecs on 27/09/2015 Corres. Water Level :748.18 m

Lowest Computed Discharge = 0.020 cumecs on 24/04/2016 Corres. Water Level :746.66 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

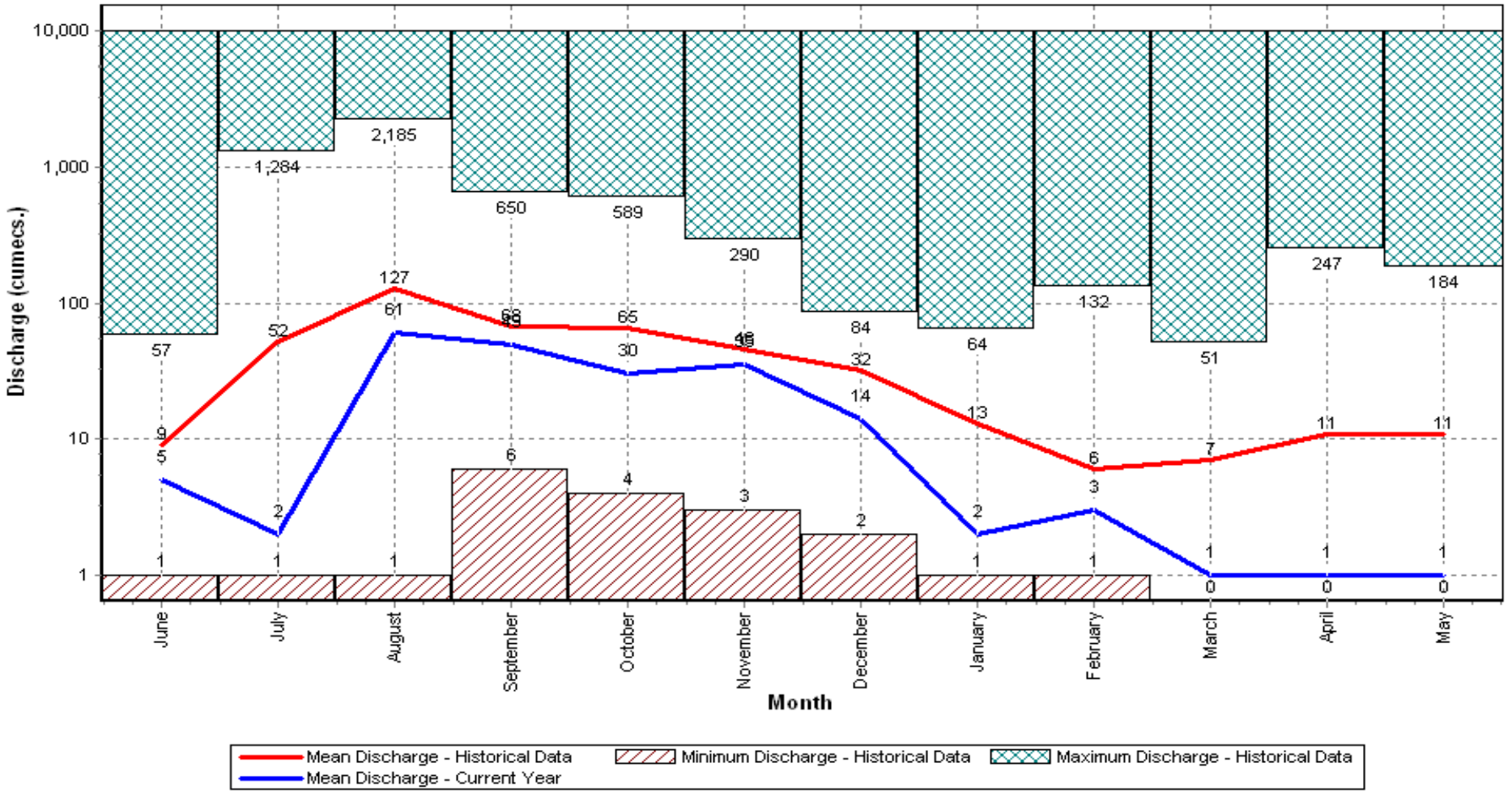
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Akkihebbal (CCR00B7) | **Data considered : 2002-2016** | **Division : Cauvery Division, Bangalore**

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



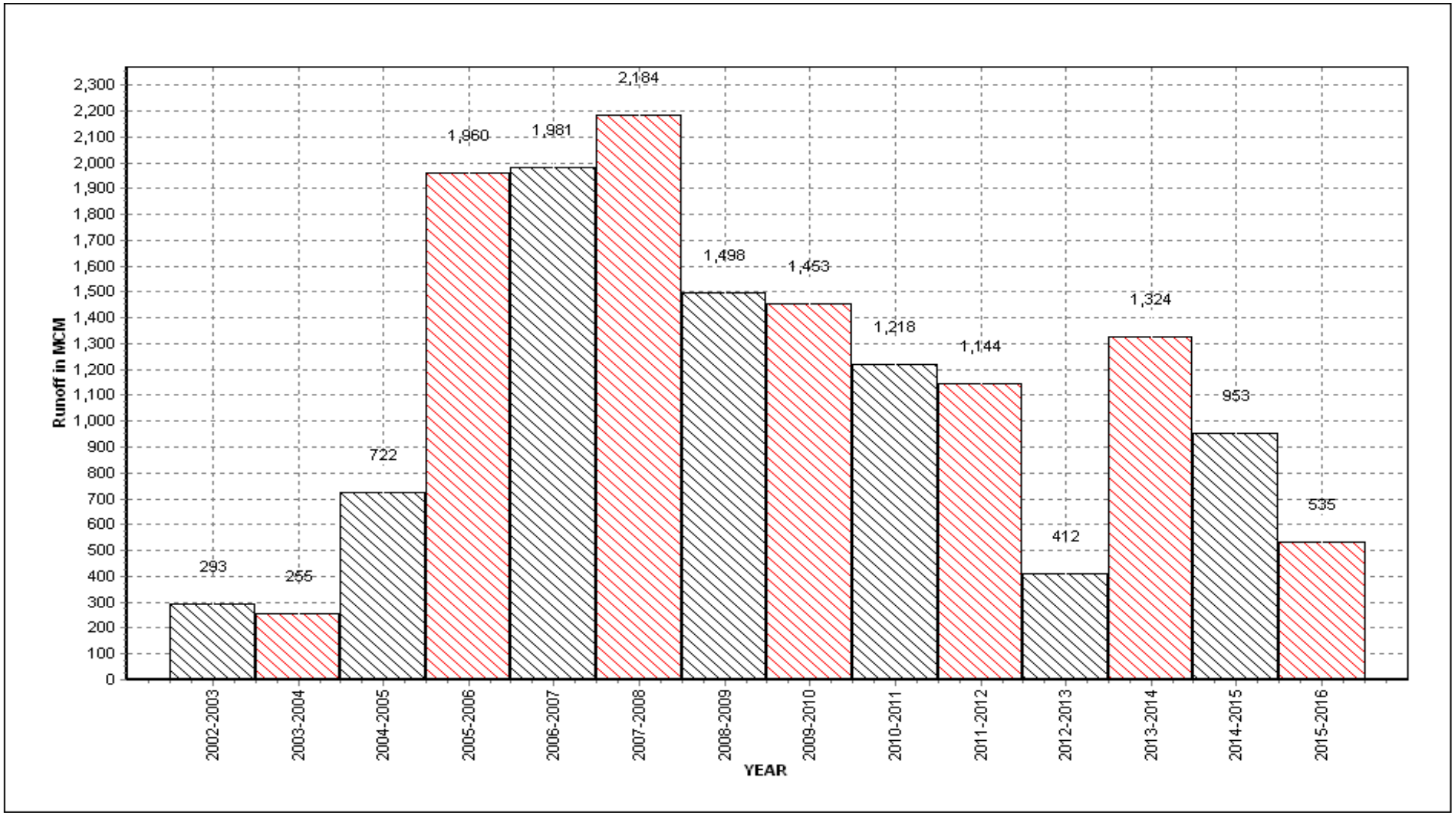
Annual Runoff Values for the period: 2002 - 2016

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

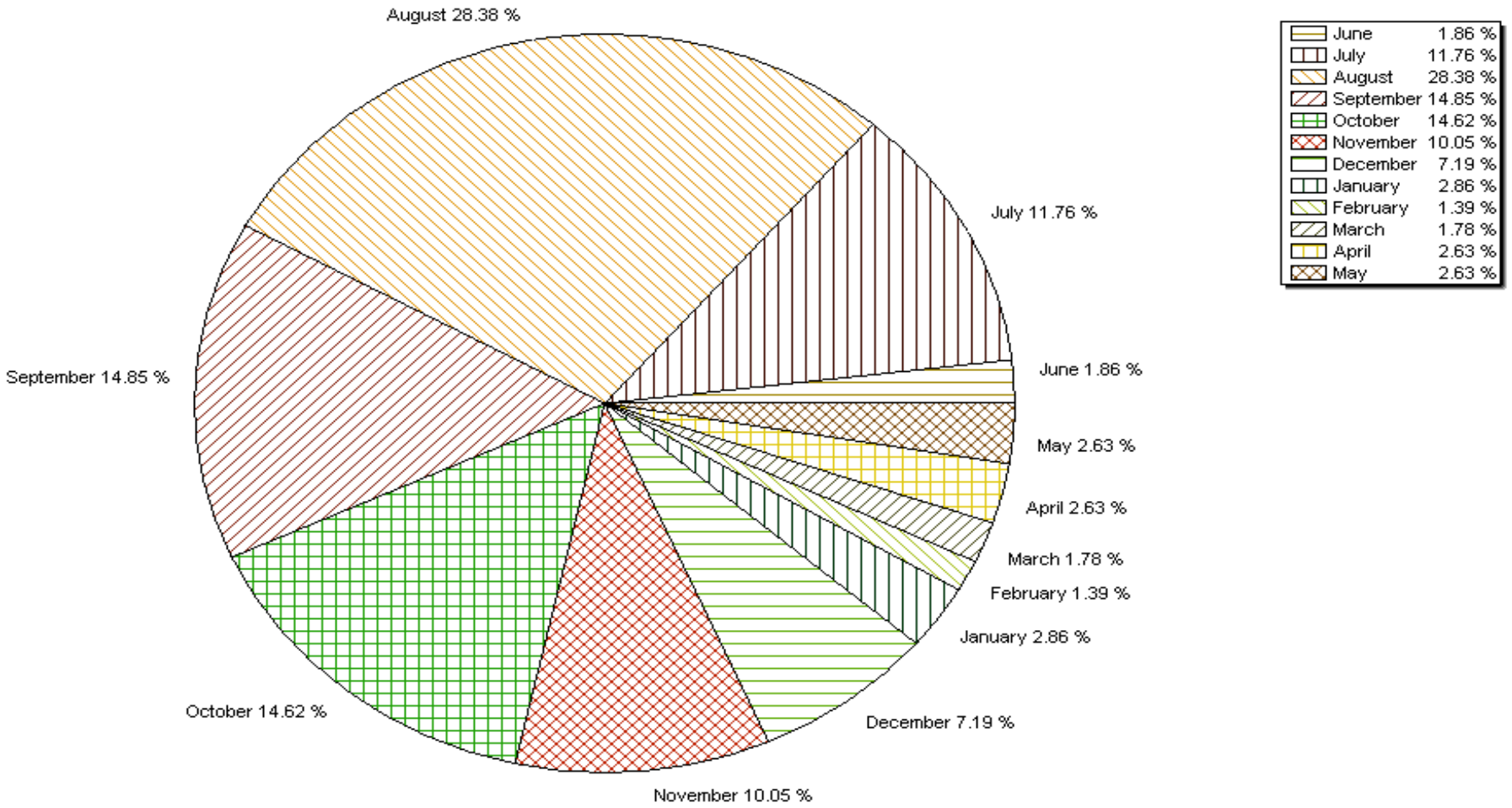
Monthly Average Runoff based on period : 2002-2015

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



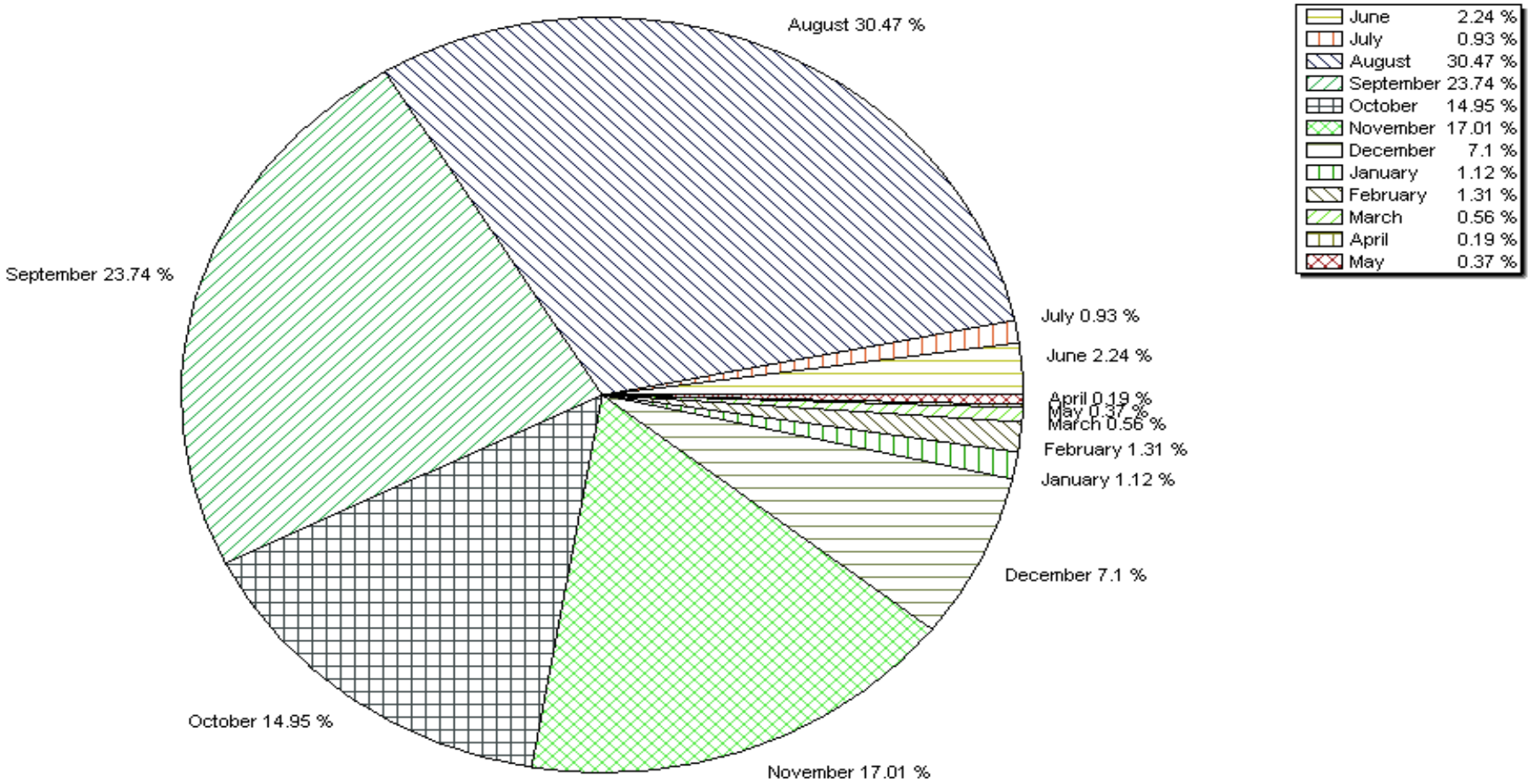
Monthly Runoff for the Year : 2015-2016

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

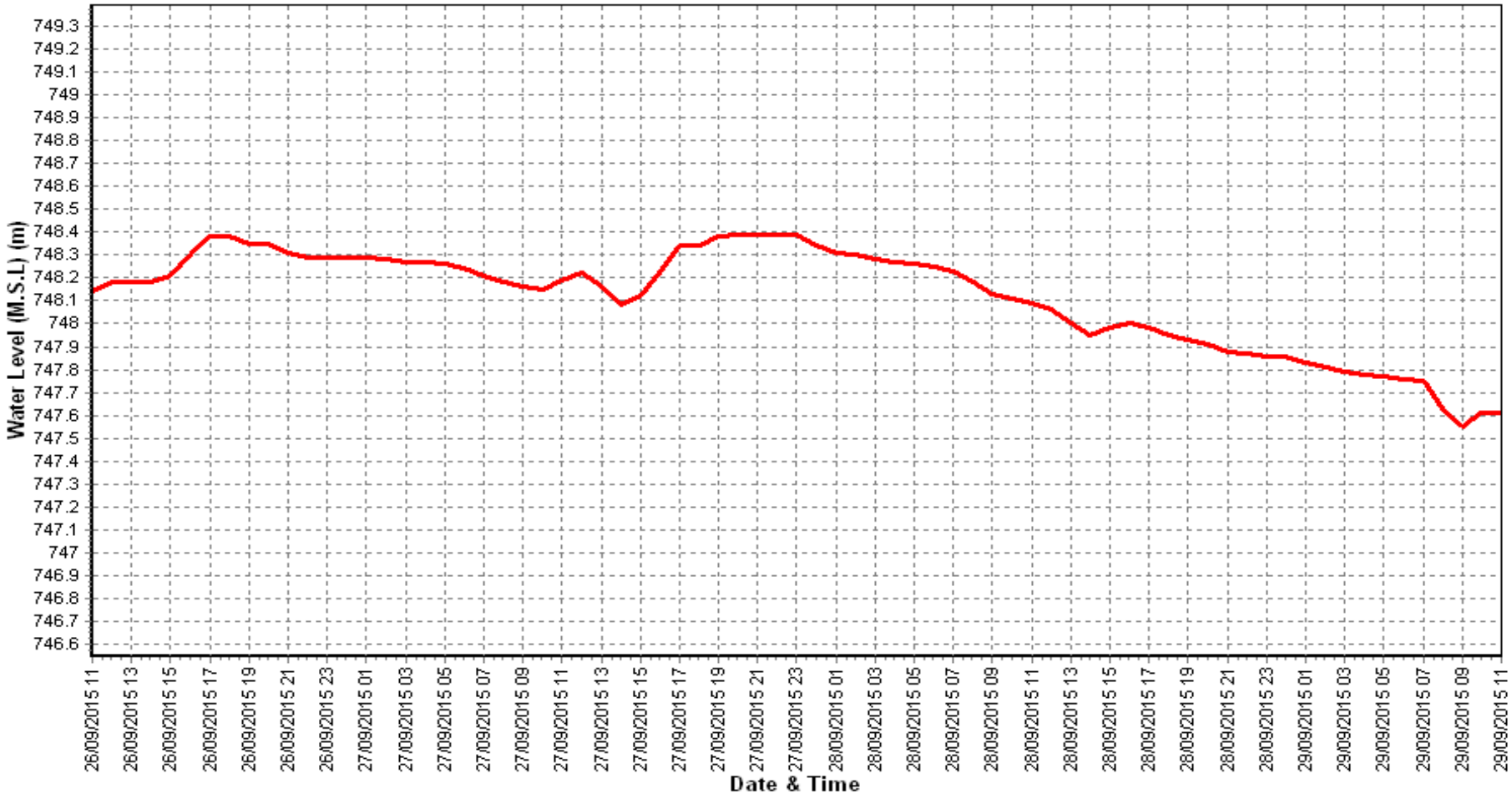
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

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

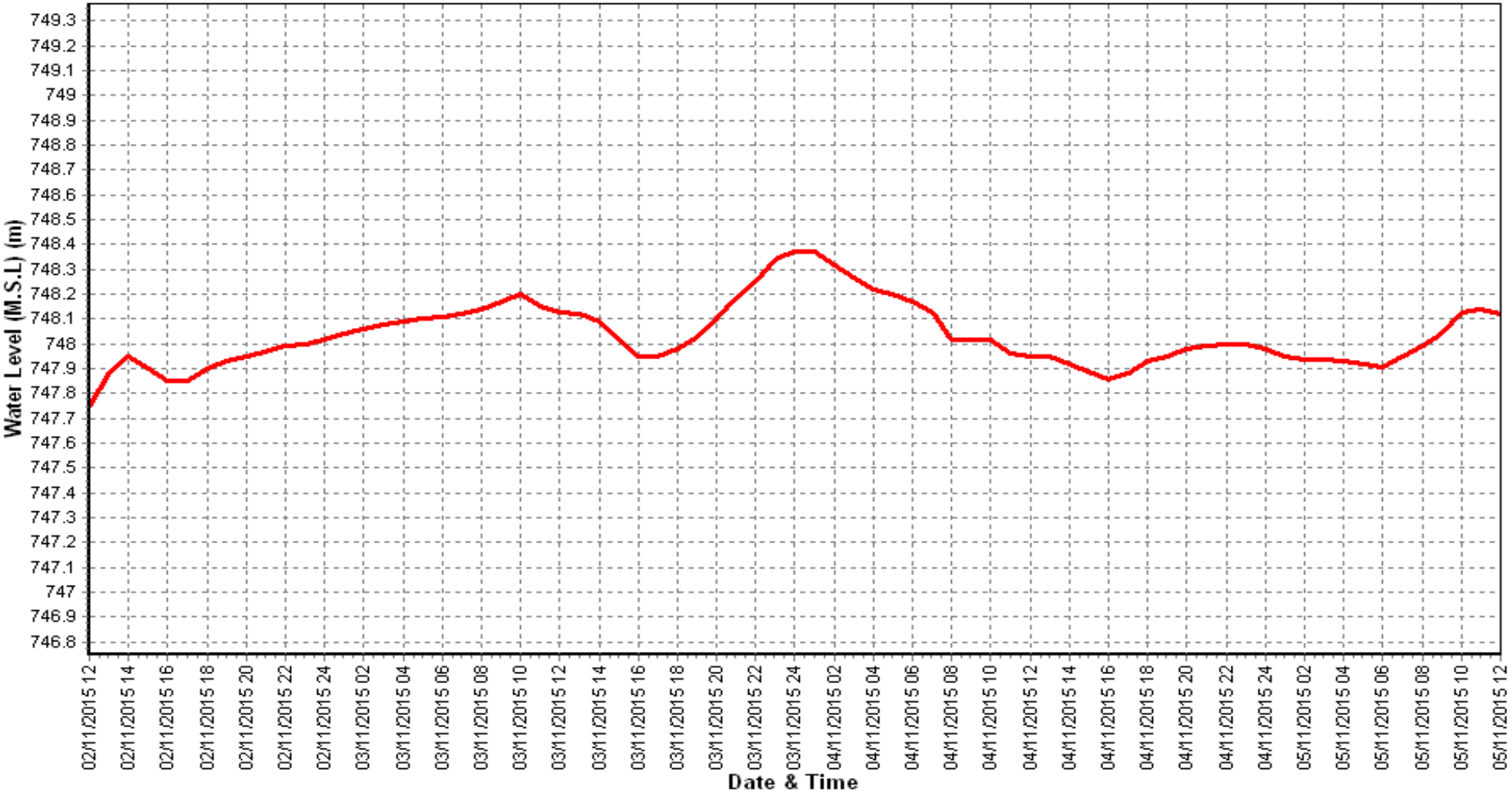


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

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

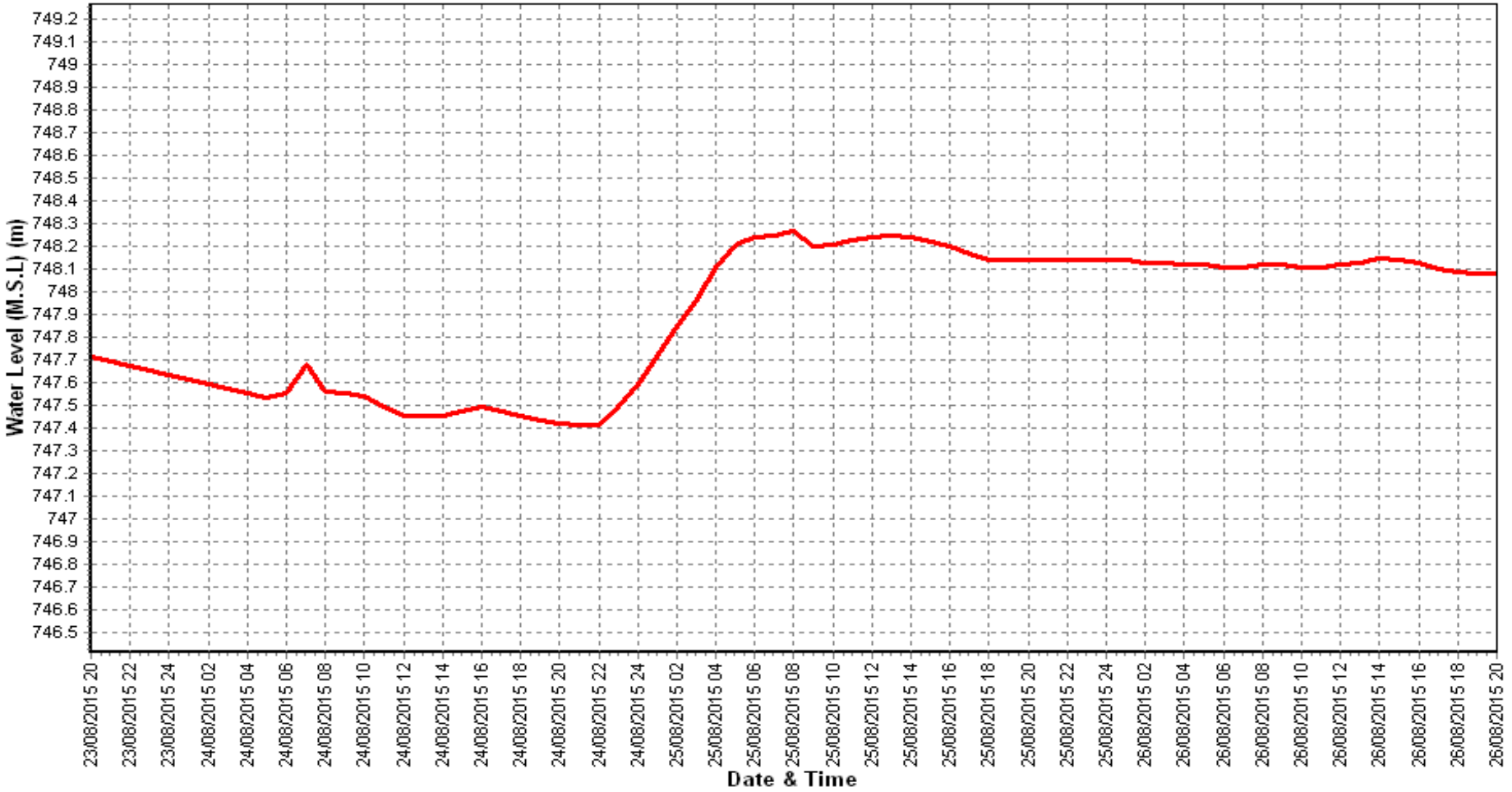


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

Station Name : Akkihebbal (CCR00B7) **Division : Cauvery Division, Bangalore**

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	838.205	0.000	837.930	0.000	838.580	24.72	838.560	21.79	838.690	29.77	838.490	14.52 *
2	838.160	0.000	837.920	0.000	838.570	20.60 *	838.580	25.40	838.610	23.95 *	838.510	15.46
3	838.130	0.000	837.920	0.000	838.600	24.92	838.580	24.69	838.640	26.82	838.450	11.72
4	838.090	0.000	837.930	0.000	838.540	18.97	838.580	25.37	838.610	23.95 *	838.350	7.566
5	838.110	0.000	837.950	0.000	838.580	24.29	838.675	28.42	838.590	22.60	838.510	15.21
6	838.150	0.000	837.960	0.000	838.490	12.71	838.650	27.49 *	838.560	20.24	838.480	12.18
7	838.200	0.000	838.170	0.000	838.440	9.557	838.590	27.04	838.410	13.92	838.480	11.96
8	838.350	10.80 #	838.350	10.80 #	838.530	16.60	838.580	20.15	838.490	16.36	838.470	13.14 *
9	838.430	14.47 #	838.200	0.000	838.520	16.71 *	838.580	22.12	838.490	16.19	838.490	13.07
10	838.160	0.000	838.205	0.000	838.600	23.79	838.560	19.09	838.490	16.04	838.490	13.13
11	838.100	0.000	838.210	0.000	838.660	27.68	838.560	20.87	838.520	16.71 *	838.440	11.16 *
12	838.180	0.000	838.210	0.000	838.630	25.18	838.560	21.56	838.520	17.97	838.450	11.35
13	838.100	0.000	838.210	0.000	839.180	91.76	838.560	19.80 *	838.510	17.12	838.430	9.931
14	838.070	0.000	838.200	0.000	839.300	111.2	838.575	20.35	838.510	16.60	838.430	9.931
15	838.160	0.000	838.210	0.000	839.260	102.8 *	838.560	19.33	838.500	16.08	838.420	9.917 *
16	837.950	0.000	838.210	0.000	839.260	102.8 *	838.560	20.82	838.500	15.33	838.440	11.53
17	837.970	0.000	838.240	5.814	839.260	99.49	839.080	76.73 *	838.500	16.13	838.400	9.026
18	837.990	0.000	838.240	6.681 *	839.190	95.08	839.070	70.93	838.500	15.24 *	838.390	7.707
19	838.080	0.000	838.220	6.044 *	839.300	109.4	839.100	76.26	838.510	14.00	838.390	7.664
20	838.120	0.000	838.240	6.139	839.320	113.2	839.160	87.95 *	838.480	13.05	838.380	7.027
21	838.120	0.000	838.200	0.000	839.310	111.1	839.220	96.35	838.490	13.38	838.380	7.001
22	838.140	0.000	838.200	0.000	839.300	108.3	839.220	95.80	838.500	15.24 *	838.390	8.163 *
23	838.160	0.000	838.190	0.000	838.430	10.53 *	838.980	61.91	838.490	13.57	838.390	7.648
24	838.020	0.000	838.190	0.000	839.660	174.5	838.980	59.12	838.490	14.52 *	838.390	7.425
25	837.980	0.000	838.210	0.000	839.410	123.0	839.550	150.9 *	838.480	13.82 *	838.440	11.16 *
26	837.980	0.000	838.250	7.013 *	839.460	137.7	839.550	144.5	838.490	13.20	838.400	8.842
27	838.030	0.000	838.240	7.622	839.450	135.1	839.560	152.7 *	838.490	13.06	838.410	9.268
28	837.990	0.000	838.260	7.900	838.700	30.46	838.740	33.81	838.490	13.45	838.400	8.841
29	837.960	0.000	838.320	10.29	838.680	28.99	838.660	28.64	838.540	18.04	838.410	9.316 *
30	837.940	0.000	838.390	11.93	838.380	7.608 *	838.840	50.37	838.510	15.59	838.410	9.111
31			838.370	6.958	838.530	17.88			838.510	15.40		
Ten-Daily Mean												
I Ten-Daily	838.199	2.527	838.054	1.080	838.545	19.29	838.593	24.15	838.558	20.98	838.472	12.80
II Ten-Daily	838.072	0.000	838.219	2.468	839.136	87.87	838.779	43.46	838.505	15.82	838.417	9.523
III Ten-Daily	838.032	0.000	838.256	4.701	839.028	80.46	839.130	87.41	838.498	14.48	838.402	8.678
Monthly												
Min.	837.940	0.000	837.920	0.000	838.380	7.608	838.560	19.09	838.410	13.05	838.350	7.001
Max.	838.430	14.47	838.390	11.93	839.660	174.5	839.560	152.7	838.690	29.77	838.510	15.46
Mean	838.101	0.842	838.179	2.813	838.907	63.12	838.834	51.67	838.520	17.01	838.430	10.33

Annual Runoff in MCM = 453 Annual Runoff in mm = 149

Peak Observed Discharge = 174.5 cumecs on 24/08/2015 Corres. Water Level :839.66 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :838.205 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	838.380	6.840	838.365	6.757	838.370	6.488	838.320	5.695	837.930	0.000	838.080	0.000
2	838.360	6.491	838.400	7.467	838.520	15.82	838.310	5.080	837.900	0.000	837.930	0.000
3	838.380	6.864	838.400	8.053 *	838.510	15.27	838.300	5.209	837.890	0.000	837.900	0.000
4	838.390	7.331	838.360	6.647	838.660	27.31	838.280	5.047	837.880	0.000	838.070	0.000
5	838.360	6.532	838.400	6.971	838.630	23.98	838.220	4.233 #	837.870	0.000	838.040	0.000
6	838.360	6.332 *	838.405	7.127	838.480	13.47	838.100	0.000	837.860	0.000	838.040	0.000
7	838.400	8.459	838.400	6.935	838.450	10.53 *	838.040	0.000	837.860	0.000	838.030	0.000
8	838.370	6.742	838.400	6.980	838.430	9.770	838.020	0.000	837.860	0.000	837.990	0.000
9	838.370	6.565	838.360	6.457	838.420	8.887	837.940	0.000	837.850	0.000	837.930	0.000
10	838.410	8.891	838.360	6.332 *	838.420	8.428	837.820	0.000	837.850	0.000	837.890	0.000
11	838.380	6.755	838.370	6.470	838.400	7.032	837.880	0.000	837.890	0.000	837.890	0.000
12	838.390	7.217	838.350	6.156	838.400	7.014	837.880	0.000	837.920	0.000	837.890	0.000
13	838.380	7.163 *	838.380	6.741	838.380	6.777	837.880	0.000	837.950	0.000	837.880	0.000
14	838.360	6.563	838.400	6.947	838.360	6.332 *	837.875	0.000	837.960	0.000	837.880	0.000
15	838.330	5.631	838.460	11.07 *	838.370	6.538	837.875	0.000	837.940	0.000	837.870	0.000
16	838.320	5.453	838.460	11.22	838.360	6.335	837.920	0.000	837.940	0.000	837.870	0.000
17	838.380	6.827	838.460	11.07 *	838.280	3.572 #	837.960	0.000	837.940	0.000	837.870	0.000
18	838.360	6.286	838.460	10.98	838.360	7.129	837.960	0.000	837.940	0.000	837.860	0.000
19	838.350	6.382	838.460	11.29	838.300	4.179 #	838.130	0.000	838.000	0.000	837.910	0.000
20	838.370	6.741 *	838.450	10.73	838.270	5.194	838.250	0.000	838.020	0.000	837.930	0.000
21	838.370	6.593	838.450	10.59	838.260	4.863 *	838.370	6.847	838.030	0.000	837.930	0.000
22	838.360	6.474	838.450	10.51	838.260	5.022	838.400	7.906	838.050	0.000	837.930	0.000
23	838.350	6.428	838.390	7.229	838.250	4.978	838.350	6.488	838.050	0.000	837.930	0.000
24	838.470	11.63 *	838.350	5.938 *	838.270	5.154	838.380	7.166	838.050	0.000	837.930	0.000
25	838.460	11.07 *	838.300	5.376	838.300	5.687	838.380	7.019 *	838.040	0.000	837.940	0.000
26	838.500	14.32	838.280	3.572 *	838.340	6.222	838.180	0.000	838.040	0.000	837.950	0.000
27	838.490	12.79 *	838.390	7.090	838.340	6.304	838.100	0.000	838.040	0.000	837.920	0.000
28	838.490	13.79	838.350	6.158	838.330	6.072 *	838.020	0.000	838.040	0.000	837.900	0.000
29	838.360	6.593	838.360	6.326	838.330	5.899	838.010	0.000	838.030	0.000	837.900	0.000
30	838.360	6.574	838.360	6.303			838.010	0.000	838.100	0.000	837.900	0.000
31	838.360	6.709	838.370	6.741 *			837.980	0.000			837.890	0.000
Ten-Daily Mean												
I Ten-Daily	838.378	7.105	838.385	6.973	838.489	14.00	838.135	2.526	837.875	0.000	837.990	0.000
II Ten-Daily	838.362	6.502	838.425	9.267	838.348	6.010	837.961	0.000	837.950	0.000	837.885	0.000
III Ten-Daily	838.415	9.361	838.368	6.893	838.298	5.578	838.198	3.221	838.047	0.000	837.920	0.000
Monthly												
Min.	838.320	5.453	838.280	3.572	838.250	3.572	837.820	0.000	837.850	0.000	837.860	0.000
Max.	838.500	14.32	838.460	11.29	838.660	27.31	838.400	7.906	838.100	0.000	838.080	0.000
Mean	838.386	7.711	838.392	7.684	838.381	8.63	838.101	1.958	837.957	0	837.931	0

Peak Computed Discharge = 152.7 cumecs on 27/09/2015 Corres. Water Level :839.56 m

Lowest Computed Discharge = 3.572 cumecs on 26/01/2016 Corres. Water Level :838.28 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

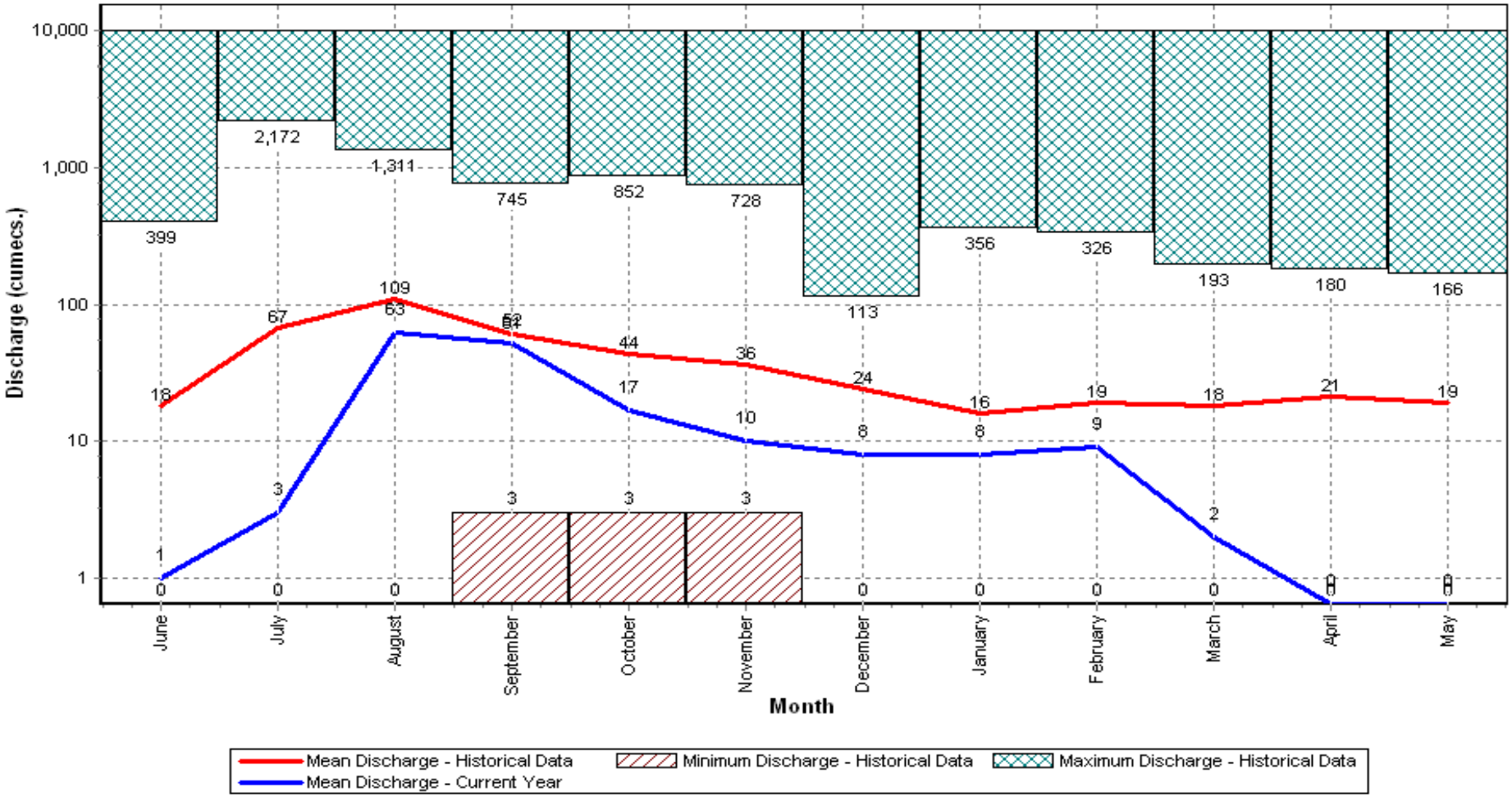
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : M.H.Halli (CCR00M8) | **Data considered : 1979-2016** | **Division : Cauvery Division, Bangalore**

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



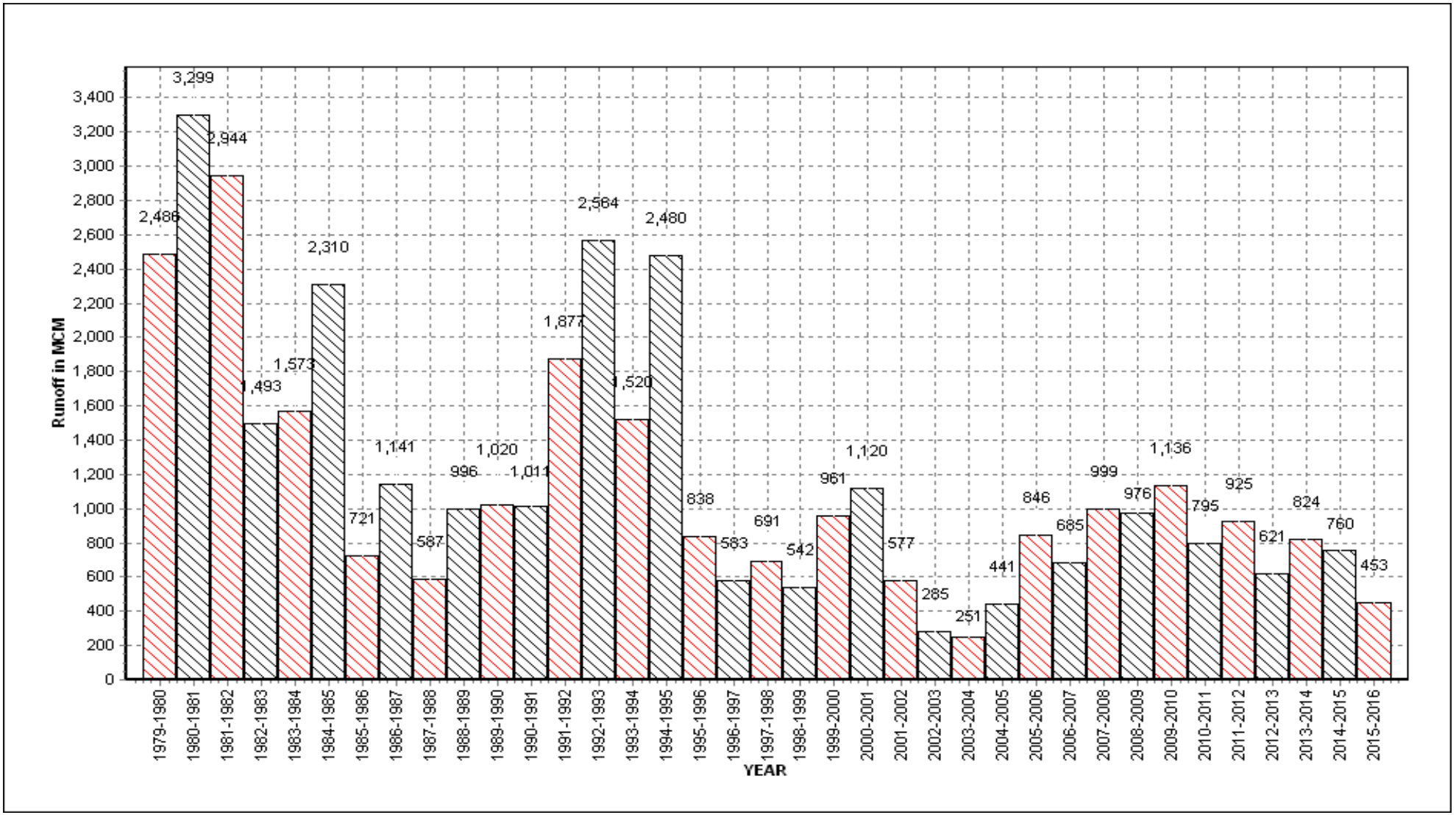
Annual Runoff Values for the period: 1979 - 2016

Station Name : M.H.Halli (CCR00M8)

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

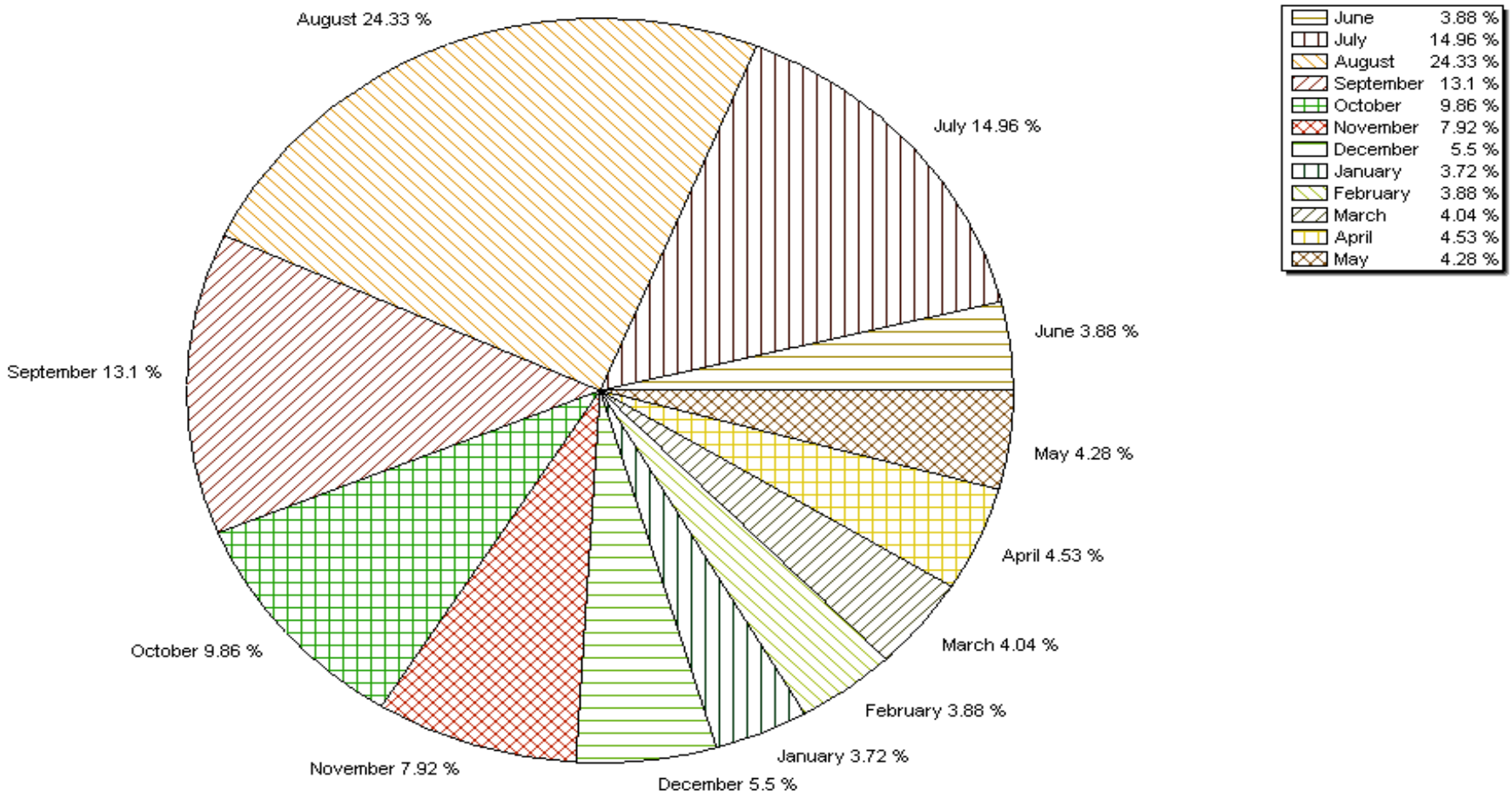
Monthly Average Runoff based on period : 1979-2015

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



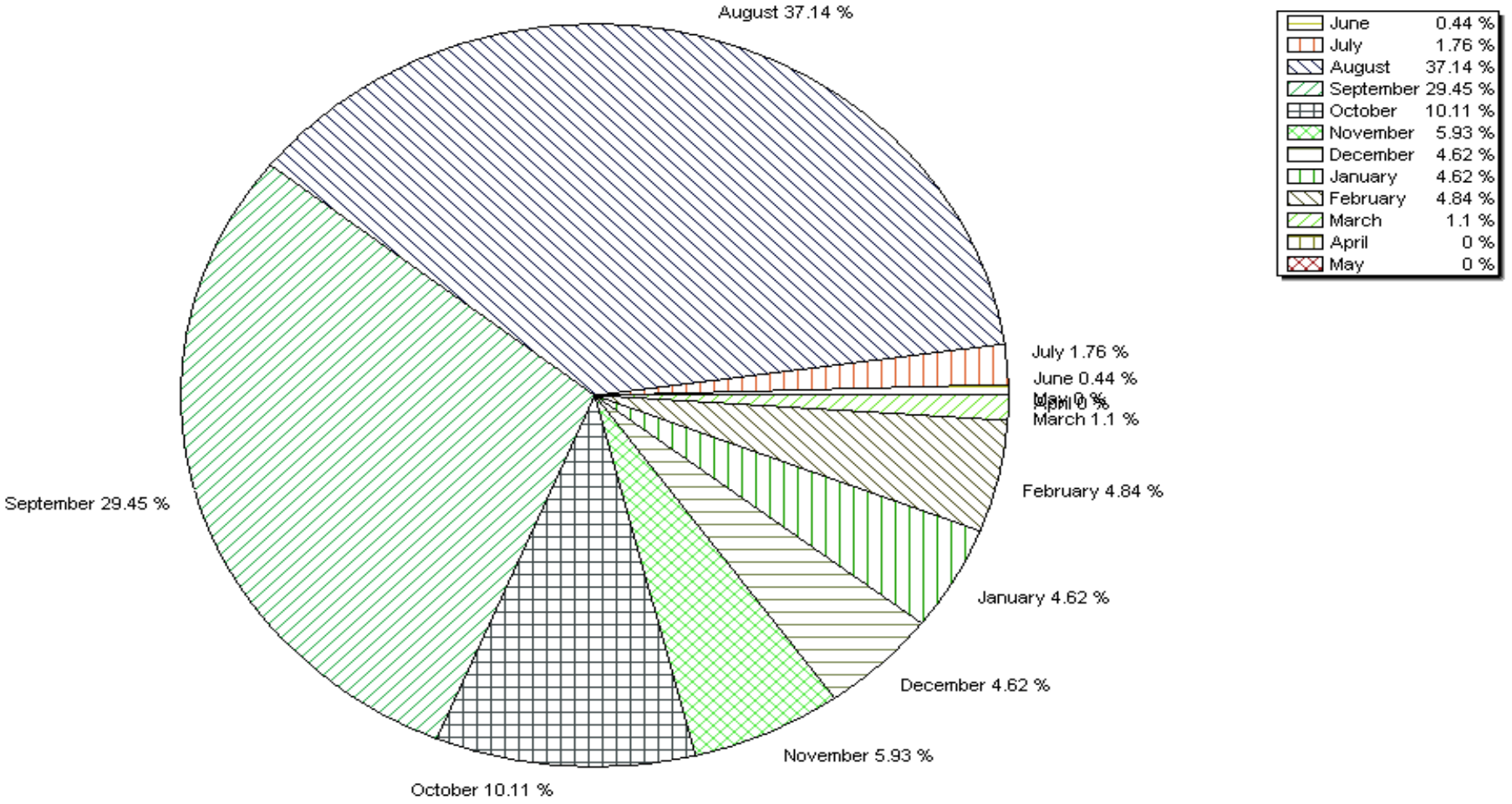
Monthly Runoff for the Year : 2015-2016

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

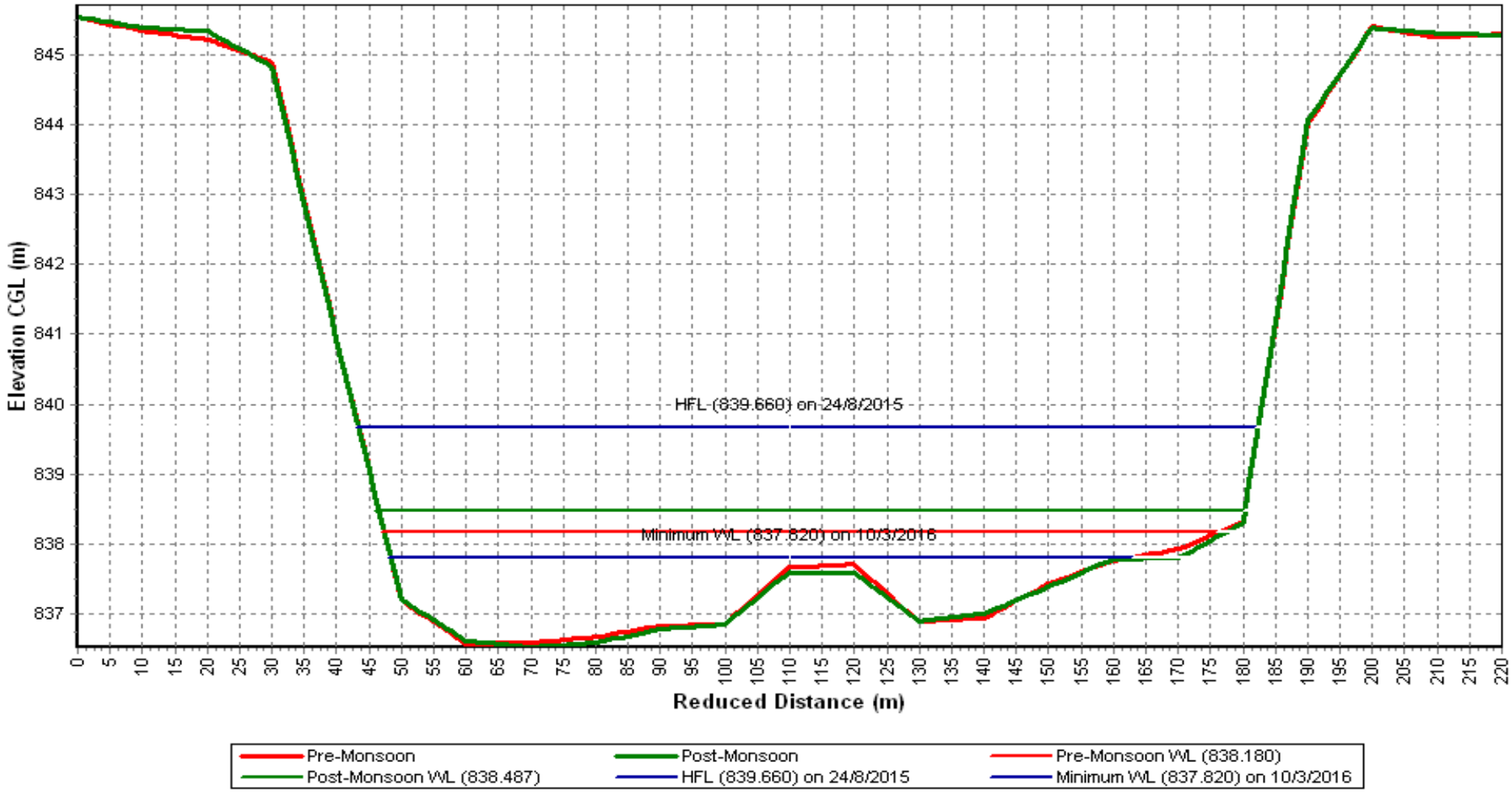
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

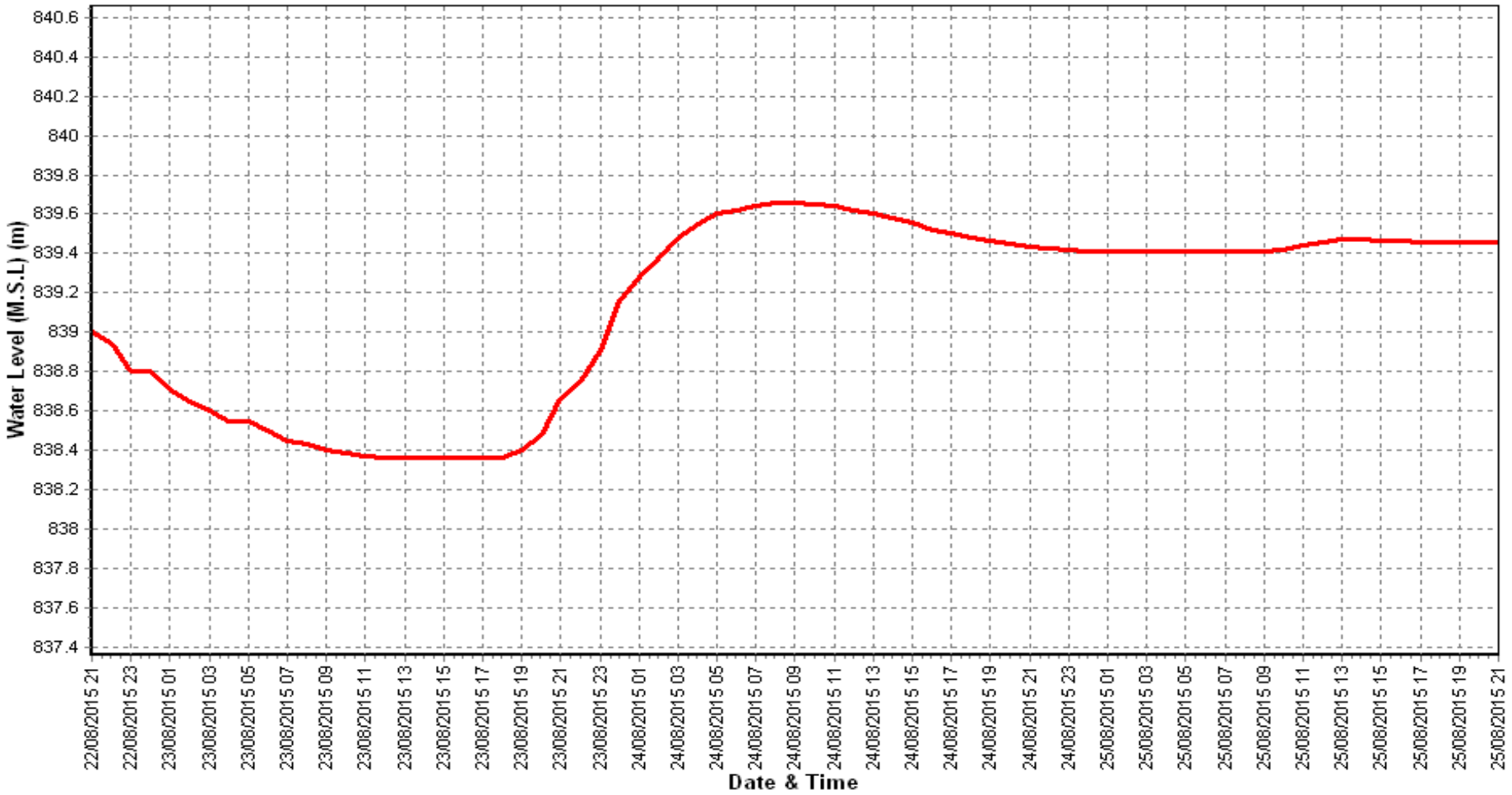
Local River : Hemavathi **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

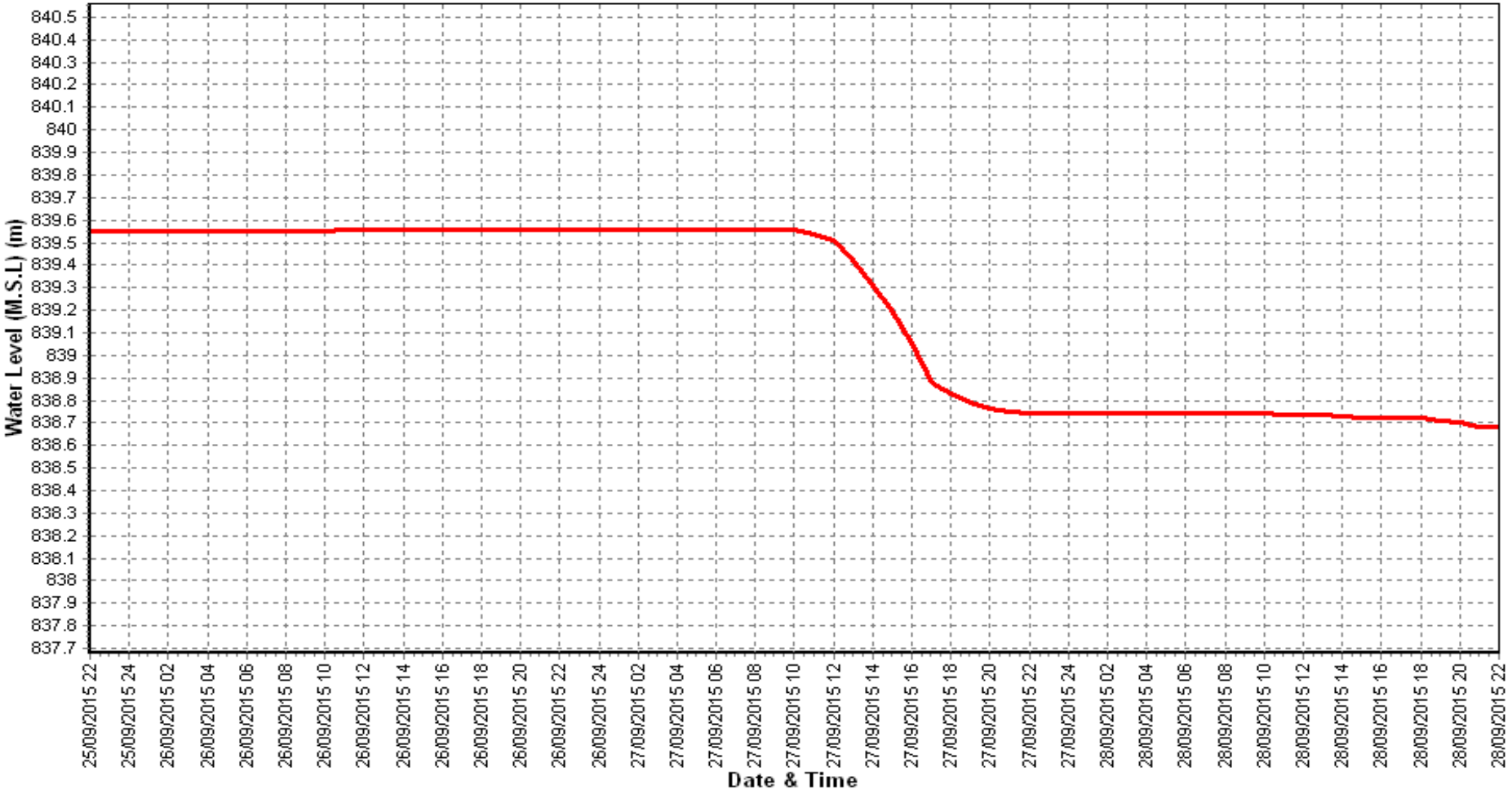


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

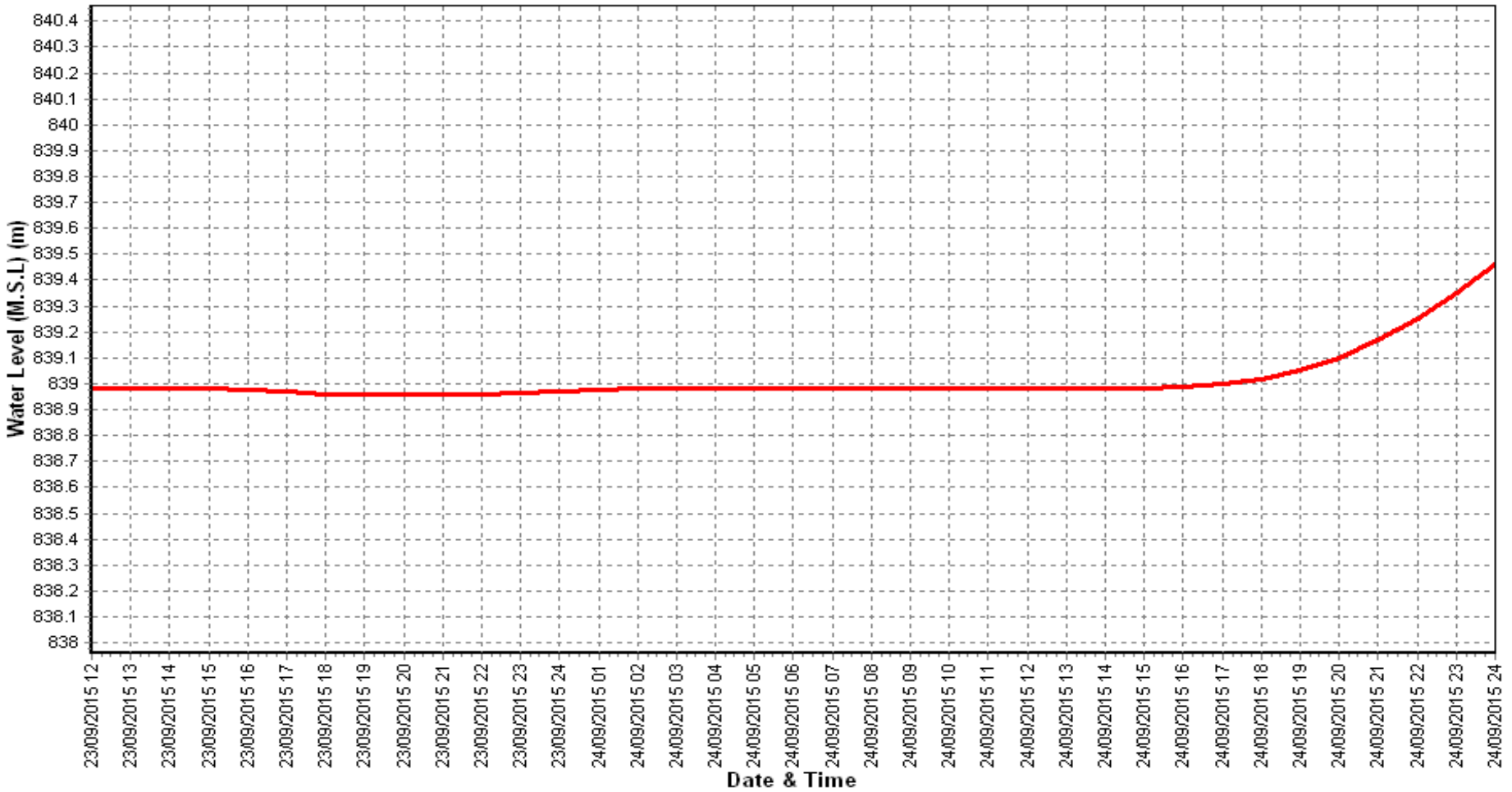


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	905.715	4.999	905.635	3.122	905.765	5.737	905.775	5.883	905.855	8.799	905.695	4.306 *
2	905.635	3.035	905.625	3.053	905.785	6.395 *	905.755	5.557	905.835	7.673 *	906.500	35.01
3	905.555	1.731	905.625	3.032	905.775	6.140	905.705	4.701	905.830	8.839	905.970	12.43
4	905.530	1.391	905.620	3.114	905.765	5.753	905.695	4.395	905.815	7.152 *	905.895	9.681
5	905.585	2.151	905.595	2.335 *	905.775	5.781	905.925	12.04	905.815	8.599	906.265	20.05
6	905.555	1.716	905.575	1.945	905.765	5.684	906.225	19.98 *	905.785	6.311	905.895	9.543
7	905.520	1.150 *	905.565	1.908	905.755	5.479	905.945	12.22	905.745	5.426	905.845	8.835
8	905.530	1.375	905.565	1.863	905.725	4.979	905.920	10.10	905.725	5.124	905.785	6.395 *
9	905.515	0.937	905.565	1.886	905.715	4.747 *	905.875	8.522	905.725	5.072	905.785	6.030
10	905.515	0.938	905.565	1.881	905.705	4.714	905.785	6.065	905.715	5.051	905.785	5.997
11	905.505	0.836	905.565	1.842	905.705	4.481	905.745	5.251	905.705	4.525 *	905.780	6.273 *
12	905.505	0.884	905.555	1.668 *	905.680	4.156	905.715	5.045	905.725	5.141	905.775	5.925
13	905.495	0.835	905.535	1.479	905.655	3.946	905.705	4.525 *	905.715	5.062	905.775	5.875
14	905.525	1.220 *	905.525	1.413	905.655	3.910	905.685	4.238	905.715	5.056	905.775	5.863
15	905.535	1.430	905.515	0.971	905.635	3.076 *	905.685	4.250	905.695	4.435	905.745	5.433 *
16	905.535	1.441	905.555	1.828	905.645	3.271 *	905.725	5.118	905.695	4.419	905.745	4.805
17	905.515	0.938	905.605	2.786	905.655	3.903	905.735	5.200 *	905.695	4.413	905.740	4.767
18	905.515	0.939	905.625	2.884 *	905.965	12.38	905.795	6.470	905.735	5.200 *	905.735	4.631
19	905.515	0.945	905.665	3.673 *	905.845	9.194	905.765	5.861	905.745	4.813	905.735	4.617
20	905.575	1.848	905.745	5.185	905.825	8.731	905.795	6.645 *	905.745	5.023	905.740	4.720
21	905.705	4.525 *	905.725	4.968	905.795	6.526	905.790	6.293	905.765	5.672	905.740	4.756
22	905.985	12.10	905.720	4.923	905.795	6.525	905.745	5.246	905.775	6.151 *	905.745	5.433 *
23	906.070	10.83	905.750	5.235	905.930	10.30 *	905.775	5.936	905.775	5.971	905.770	5.826
24	906.280	20.92	905.725	4.971	905.825	8.820	905.775	5.901	905.775	6.151 *	905.750	4.826
25	906.175	15.57	905.710	4.777	905.775	5.868	906.045	13.82 *	905.765	5.908 *	905.735	5.200 *
26	906.270	19.73	905.730	5.085 *	905.735	5.081	905.910	9.745	905.775	5.948	905.720	4.531
27	906.005	12.73	905.735	5.133	905.715	4.967	905.845	7.936 *	905.775	5.874	905.710	4.461
28	905.815	7.152 *	905.735	5.158	905.740	5.106	905.840	8.899	905.745	5.366	905.695	4.391
29	905.740	5.150	905.755	5.533	905.755	5.545	905.840	8.856	905.715	5.040	905.680	3.985 *
30	905.680	4.148	905.725	4.981	905.755	5.669 *	905.825	8.650	905.725	5.149	905.690	4.427
31			905.725	4.972	905.765	5.752			905.715	5.043		
Ten-Daily Mean												
I Ten-Daily	905.566	1.942	905.593	2.414	905.753	5.541	905.860	8.946	905.785	6.805	905.942	11.83
II Ten-Daily	905.522	1.132	905.589	2.373	905.726	5.705	905.735	5.260	905.717	4.809	905.755	5.291
III Ten-Daily	905.972	11.29	905.730	5.067	905.780	6.378	905.839	8.128	905.755	5.661	905.724	4.783
Monthly												
Min.	905.495	0.835	905.515	0.971	905.635	3.076	905.685	4.238	905.695	4.413	905.680	3.985
Max.	906.280	20.92	905.755	5.533	905.965	12.38	906.225	19.98	905.855	8.839	906.500	35.01
Mean	905.687	4.787	905.641	3.342	905.754	5.891	905.811	7.445	905.752	5.755	905.807	7.301

Annual Runoff in MCM = 106 Annual Runoff in mm = 105

Peak Observed Discharge = 35.01 cumecs on 02/11/2015 Corres. Water Level :906.5 m

Lowest Observed Discharge = 0.000 cumecs on 26/04/2016 Corres. Water Level :905.38 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	905.725	4.560	905.535	1.129	905.515	1.010	905.460	0.564	905.460	0.572	905.345	0.000
2	905.665	2.782 #	905.535	1.136	905.515	1.013	905.450	0.547	905.490	0.917	905.340	0.000
3	905.665	2.782 #	905.535	1.223 *	905.490	0.921	905.440	0.532	905.465	0.633 *	905.325	0.000
4	905.675	2.928 #	905.530	1.118	905.470	0.688	905.450	0.549	905.425	0.246	905.225	0.000
5	905.670	2.854 #	905.530	1.115	905.460	0.565	905.465	0.673	905.425	0.244	905.470	0.688
6	905.655	2.640 *	905.530	1.117	905.445	0.544	905.470	0.680 *	905.425	0.247	905.500	0.970
7	905.645	3.193	905.525	1.140	905.430	0.424 *	905.470	0.691	905.470	0.688	905.815	8.611
8	905.645	3.194	905.530	1.164	905.460	0.566	905.470	0.690	905.460	0.580 *	905.515	1.275 *
9	905.625	2.363	905.530	1.161	905.460	0.566	905.485	0.894	905.450	0.541	905.480	0.919
10	905.625	2.372	905.525	1.130 *	905.475	0.701	905.535	1.119	905.450	0.480 *	905.375	0.000
11	905.615	1.985	905.530	1.158	905.485	0.879	905.565	1.517	905.470	0.690	905.385	0.000
12	905.615	1.988	905.530	1.158	905.470	0.690	905.570	1.529	905.470	0.689	905.440	0.388 #
13	905.605	1.984 *	905.530	1.155	905.470	0.688	905.550	1.371 *	905.460	0.571	905.500	0.884
14	905.605	1.959	905.535	1.198	905.465	0.645 *	905.545	1.343	905.430	0.305 *	905.505	0.976
15	905.605	1.965	905.535	1.223 *	905.465	0.688	905.540	1.169	905.425	0.268	905.455	0.529 *
16	905.595	1.603	905.530	1.157	905.470	0.688	905.555	1.342	905.475	0.697	905.450	0.545
17	905.565	1.510	905.525	1.130 *	905.480	0.923	905.545	1.208	905.480	0.805 *	905.450	0.543
18	905.565	1.513	905.505	0.996	905.475	0.919	905.545	1.212	905.465	0.681	905.480	0.916
19	905.565	1.515	905.505	0.993	905.460	0.567	905.535	1.127	905.470	0.688 *	905.505	0.971
20	905.560	1.474 *	905.480	0.915	905.460	0.570	905.525	1.130 *	905.465	0.680	905.480	0.912
21	905.555	1.343	905.495	0.929	905.450	0.545 *	905.515	1.005	905.460	0.573	905.475	0.745 *
22	905.545	1.262	905.505	0.978	905.445	0.545	905.500	0.970	905.450	0.546	905.475	0.745 *
23	905.545	1.264	905.515	1.012	905.450	0.550	905.470	0.689	905.430	0.250	905.450	0.543
24	905.535	1.223 *	905.515	1.039 *	905.460	0.585	905.450	0.547	905.410	0.167 *	905.450	0.546
25	905.535	1.223 *	905.515	1.012	905.455	0.564	905.430	0.424 *	905.410	0.167 #	905.450	0.547
26	905.530	1.120	905.505	0.953 *	905.460	0.570	905.445	0.542	905.380	0.000	905.440	0.388 #
27	905.525	1.130 *	905.515	1.009	905.475	0.705	905.430	0.424 *	905.355	0.000	905.440	0.388 #
28	905.535	1.132	905.515	1.012	905.470	0.680 *	905.425	0.244	905.335	0.000	905.375	0.000
29	905.535	1.137	905.530	1.154	905.470	0.689	905.420	0.242	905.335	0.000	905.375	0.000
30	905.530	1.118	905.530	1.158			905.430	0.249	905.335	0.000	905.375	0.000
31	905.530	1.117	905.525	1.130 *			905.470	0.688			905.385	0.000
Ten-Daily Mean												
I Ten-Daily	905.659	2.967	905.531	1.143	905.472	0.700	905.469	0.694	905.452	0.515	905.439	1.246
II Ten-Daily	905.589	1.750	905.521	1.108	905.470	0.726	905.548	1.295	905.461	0.608	905.465	0.666
III Ten-Daily	905.536	1.188	905.515	1.035	905.459	0.604	905.453	0.548	905.390	0.170	905.426	0.355
Monthly												
Min.	905.525	1.117	905.480	0.915	905.430	0.424	905.420	0.242	905.335	0.000	905.225	0.000
Max.	905.725	4.560	905.535	1.223	905.515	1.013	905.570	1.529	905.490	0.917	905.815	8.611
Mean	905.593	1.943	905.522	1.094	905.467	0.679	905.489	0.836	905.434	0.431	905.443	0.743

Peak Computed Discharge = 19.98 cumecs on 06/09/2015 Corres. Water Level :906.225 m

Lowest Computed Discharge = 0.167 cumecs on 24/04/2016 Corres. Water Level :905.41 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

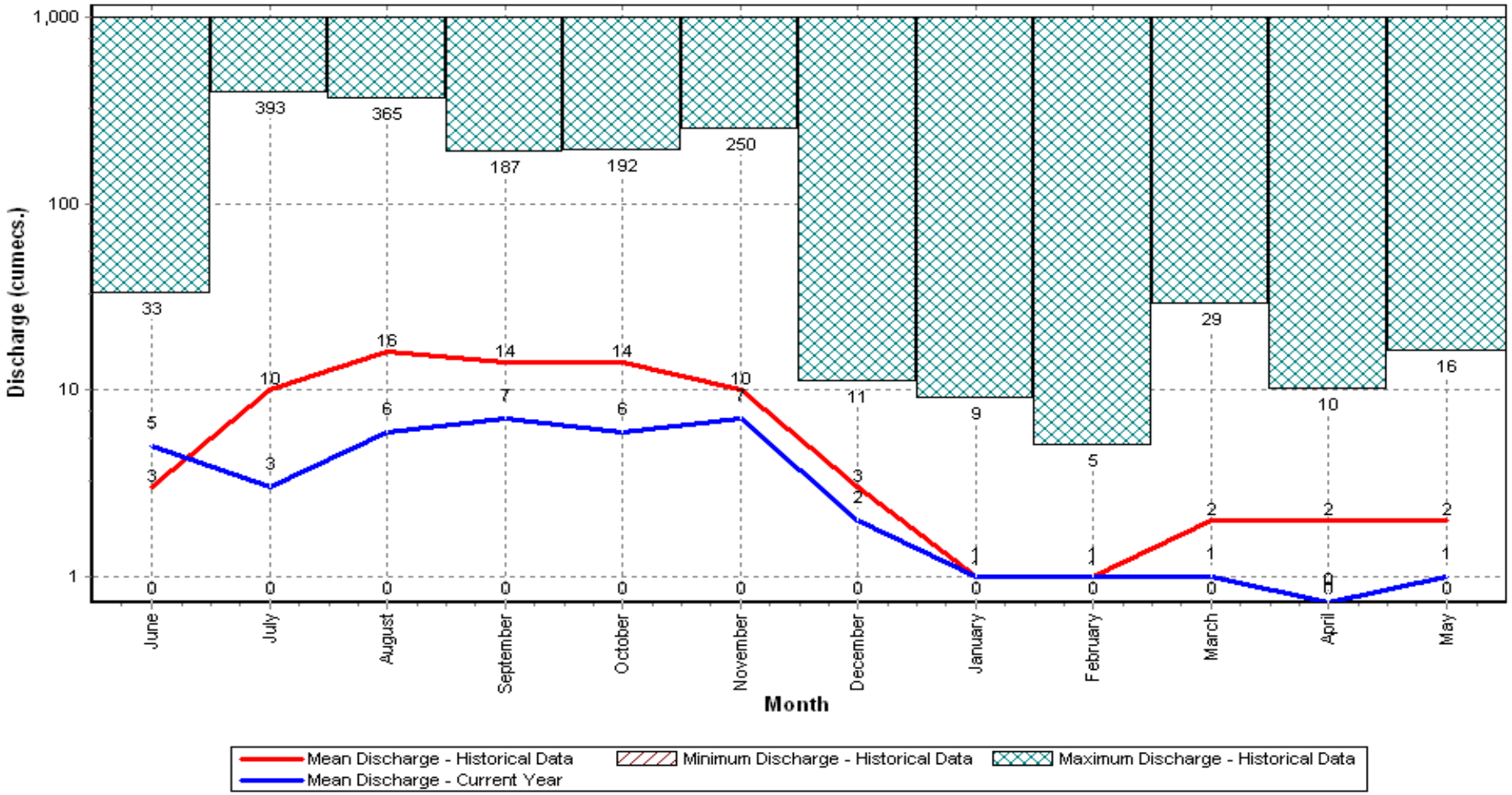
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Thimmanahalli (CCRI0F7) | **Data considered : 2001-2016** | **Division : Cauvery Division, Bangalore**

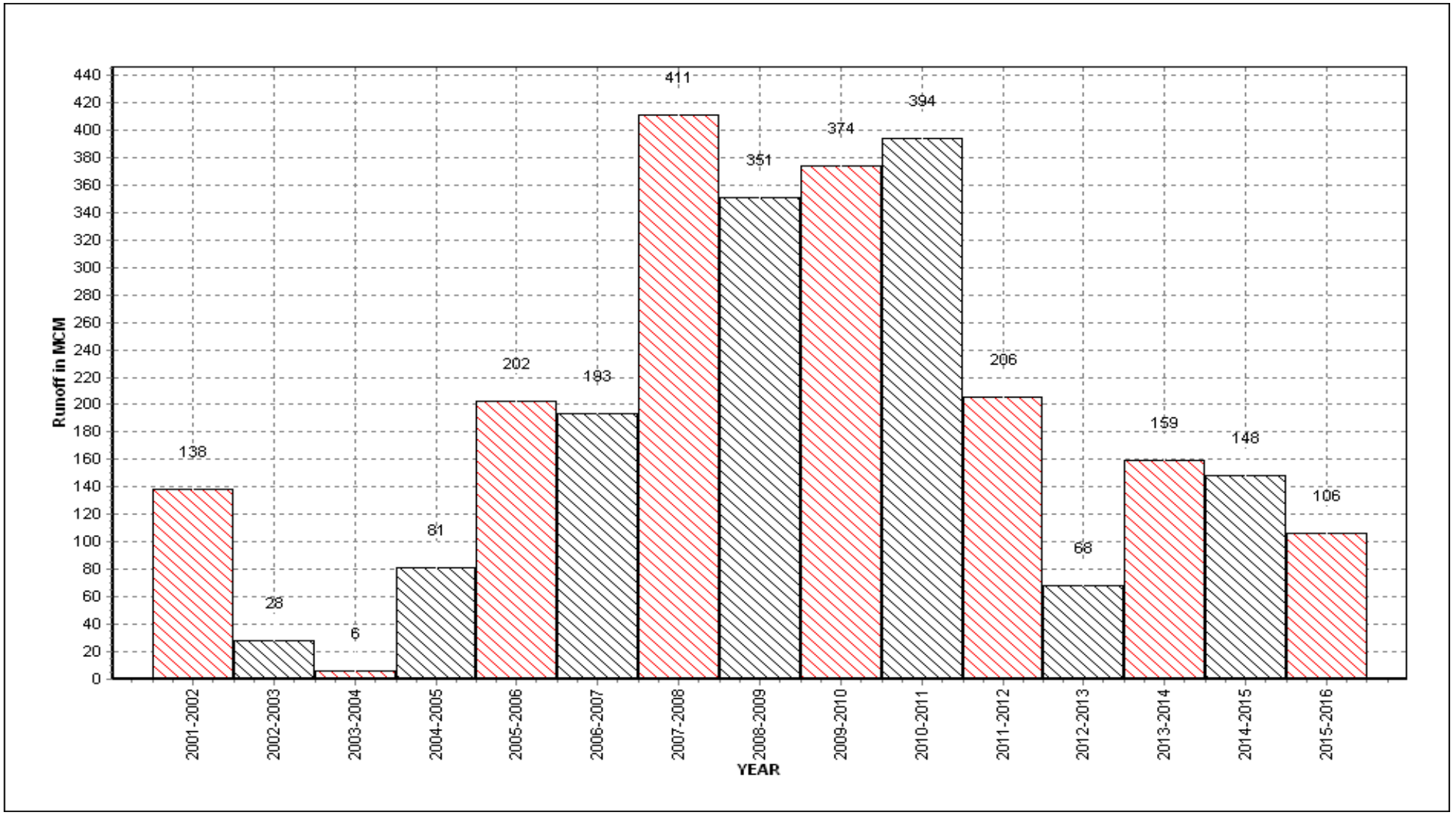
Local River : Yagachi | **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2001 - 2016

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

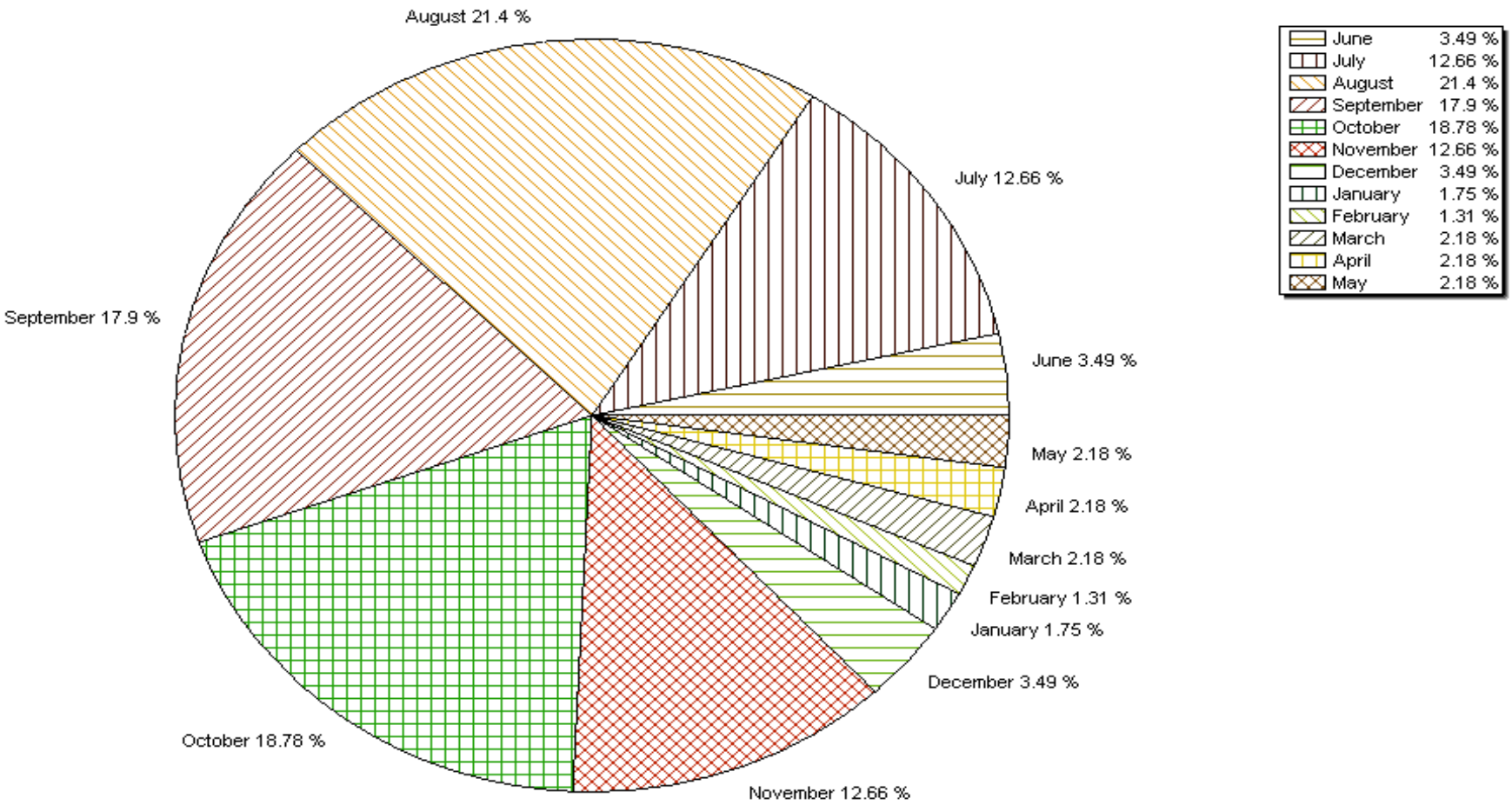
Monthly Average Runoff based on period : 2001-2015

Station Name : Thimmanahalli (CCRI0F7)

Local River : Yagachi

Division : Cauvery Division, Bangalore

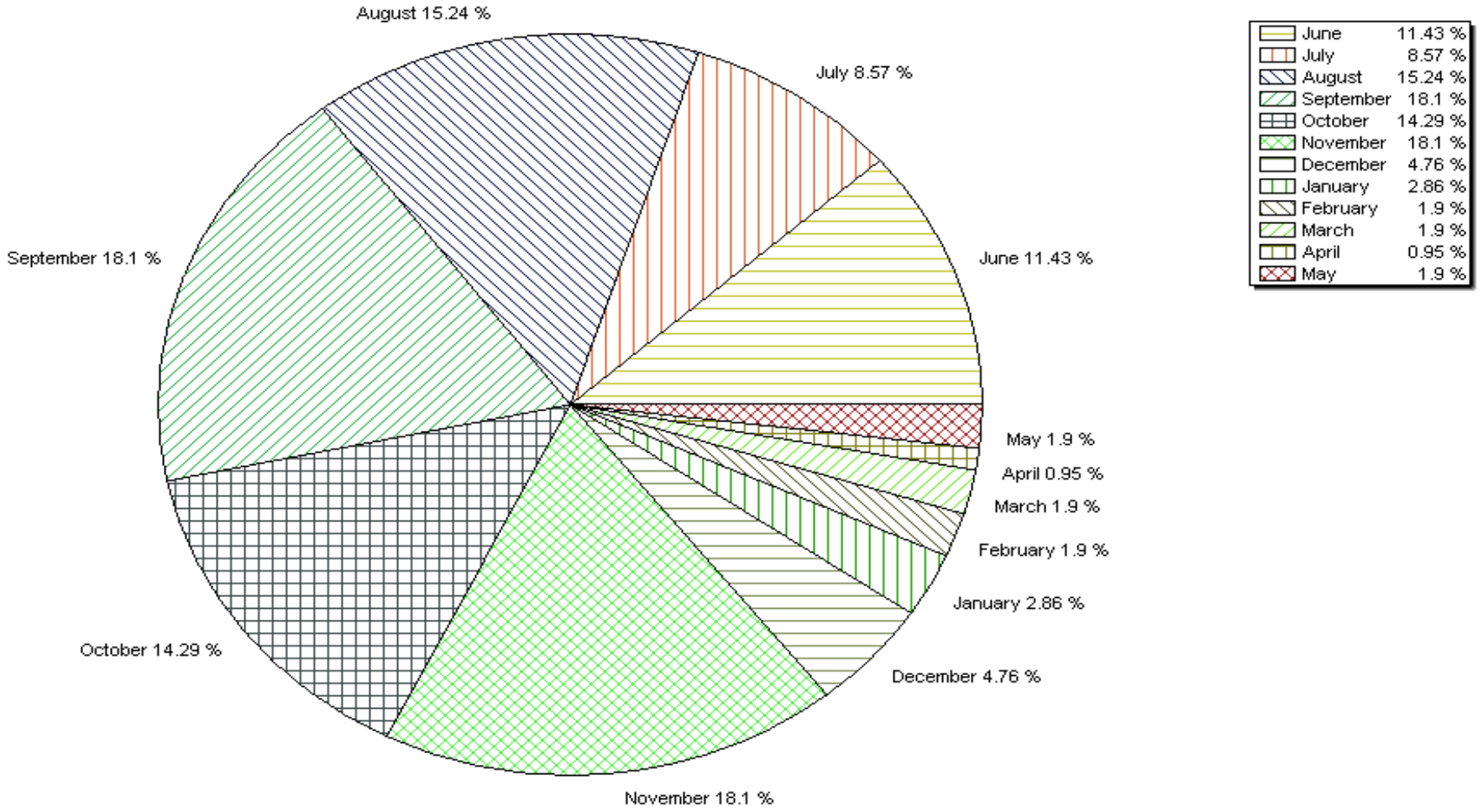
Sub-Division : SWRSD-III, Mangalore



Monthly Runoff for the Year : 2015-2016

Station Name : Thimmanahalli (CCRI0F7)
Local River : Yagachi

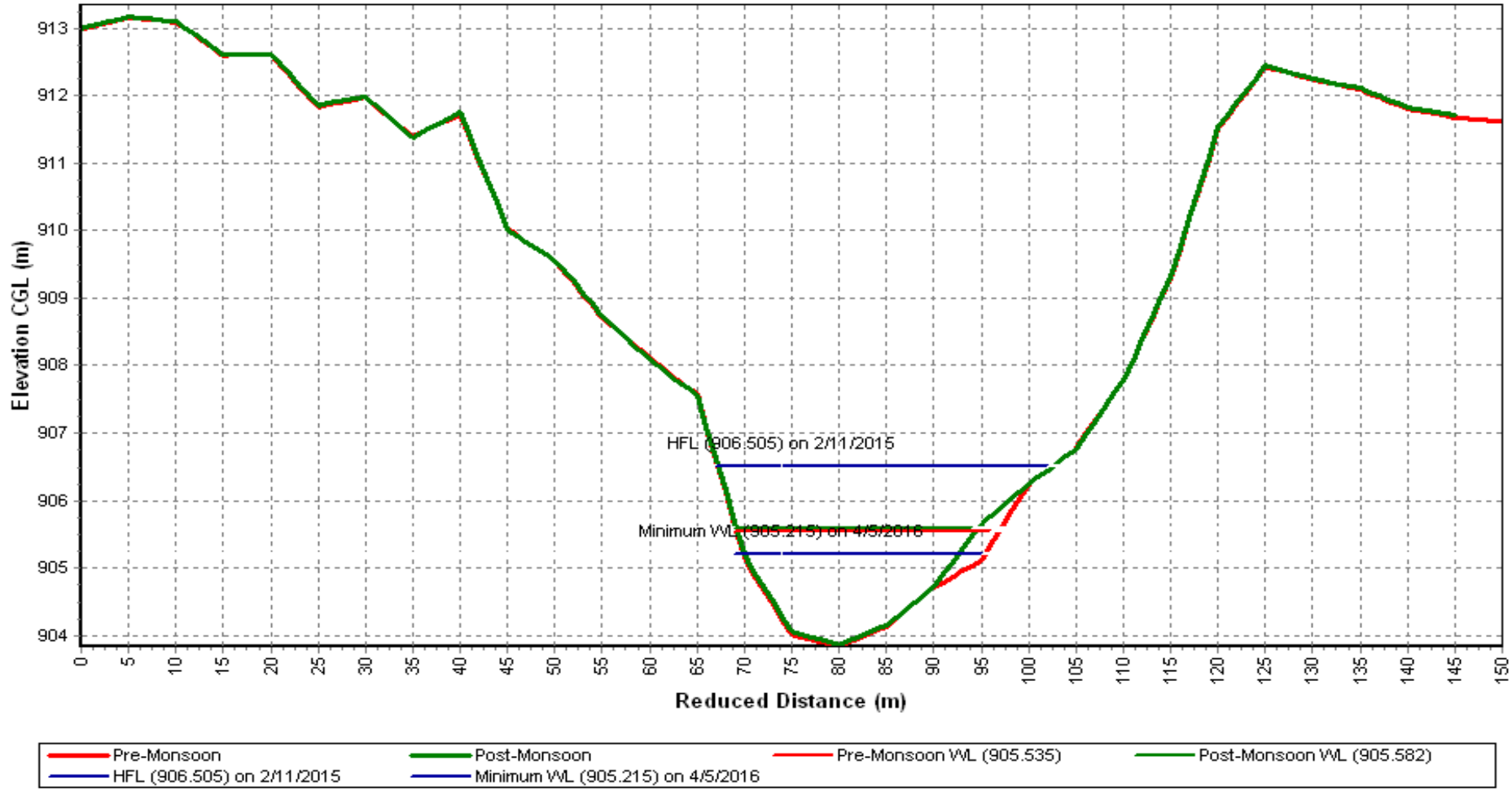
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

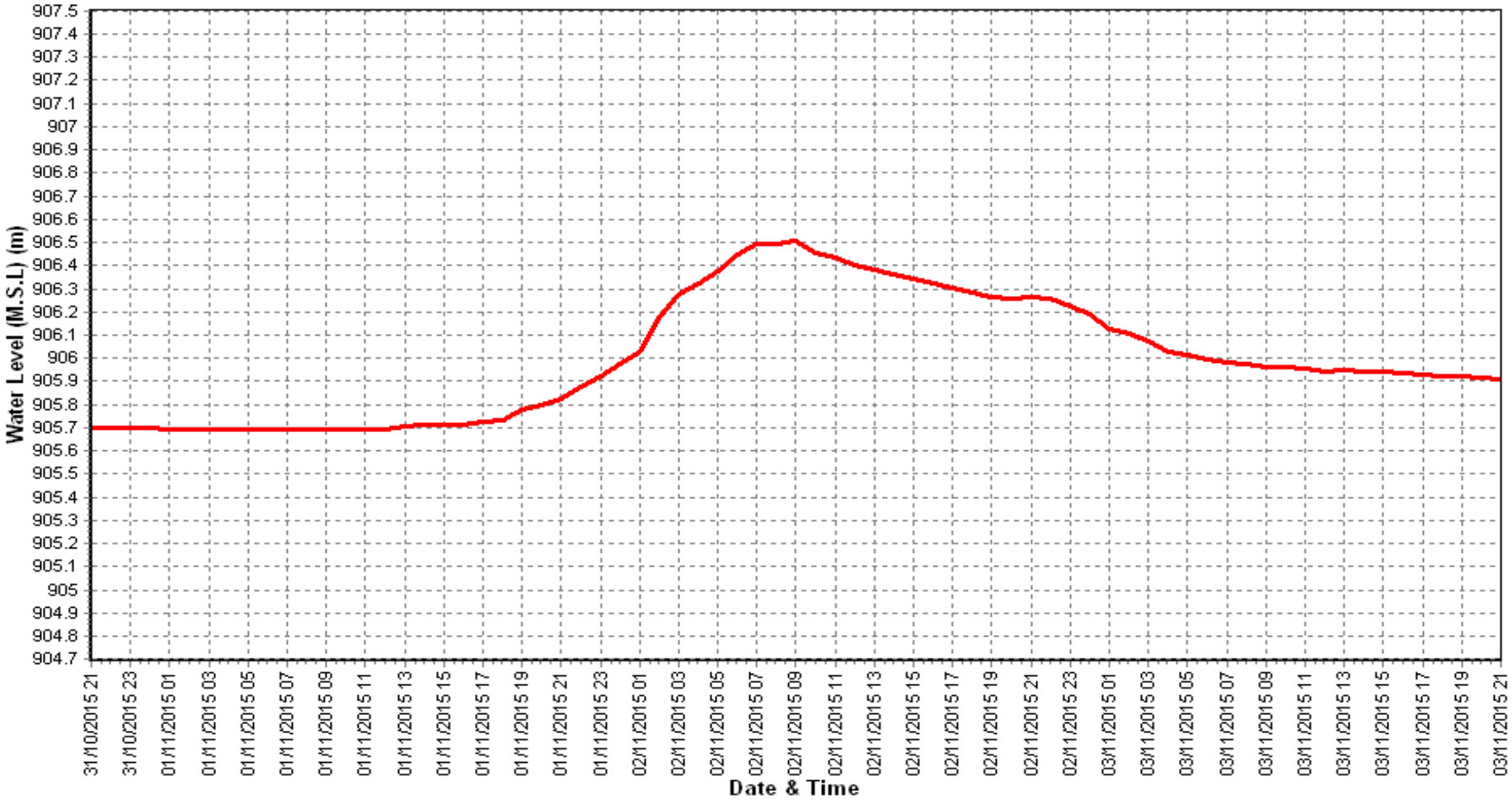
Local River : Yagachi **Sub-Division : SWRSD-III, Mangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

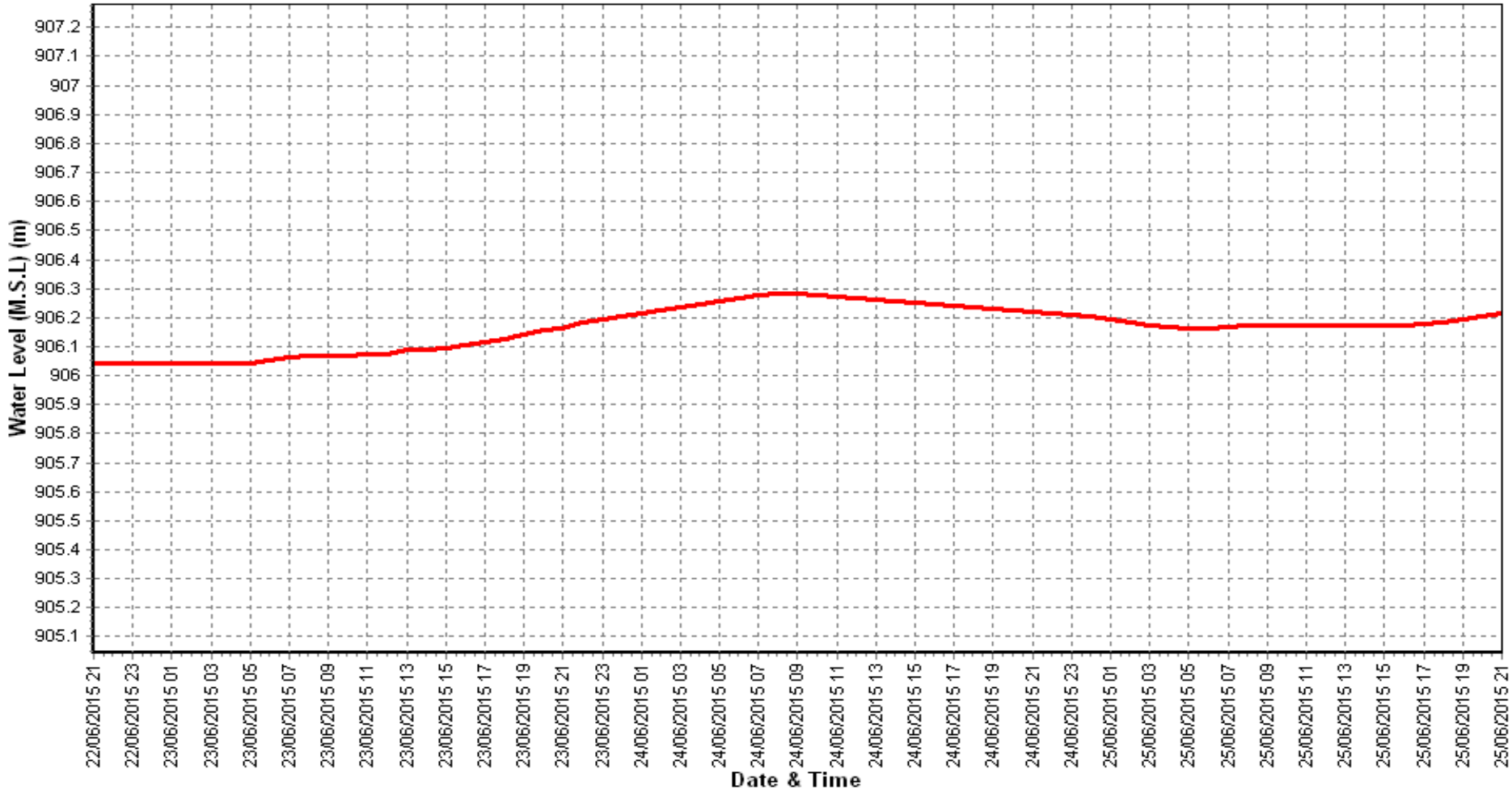


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

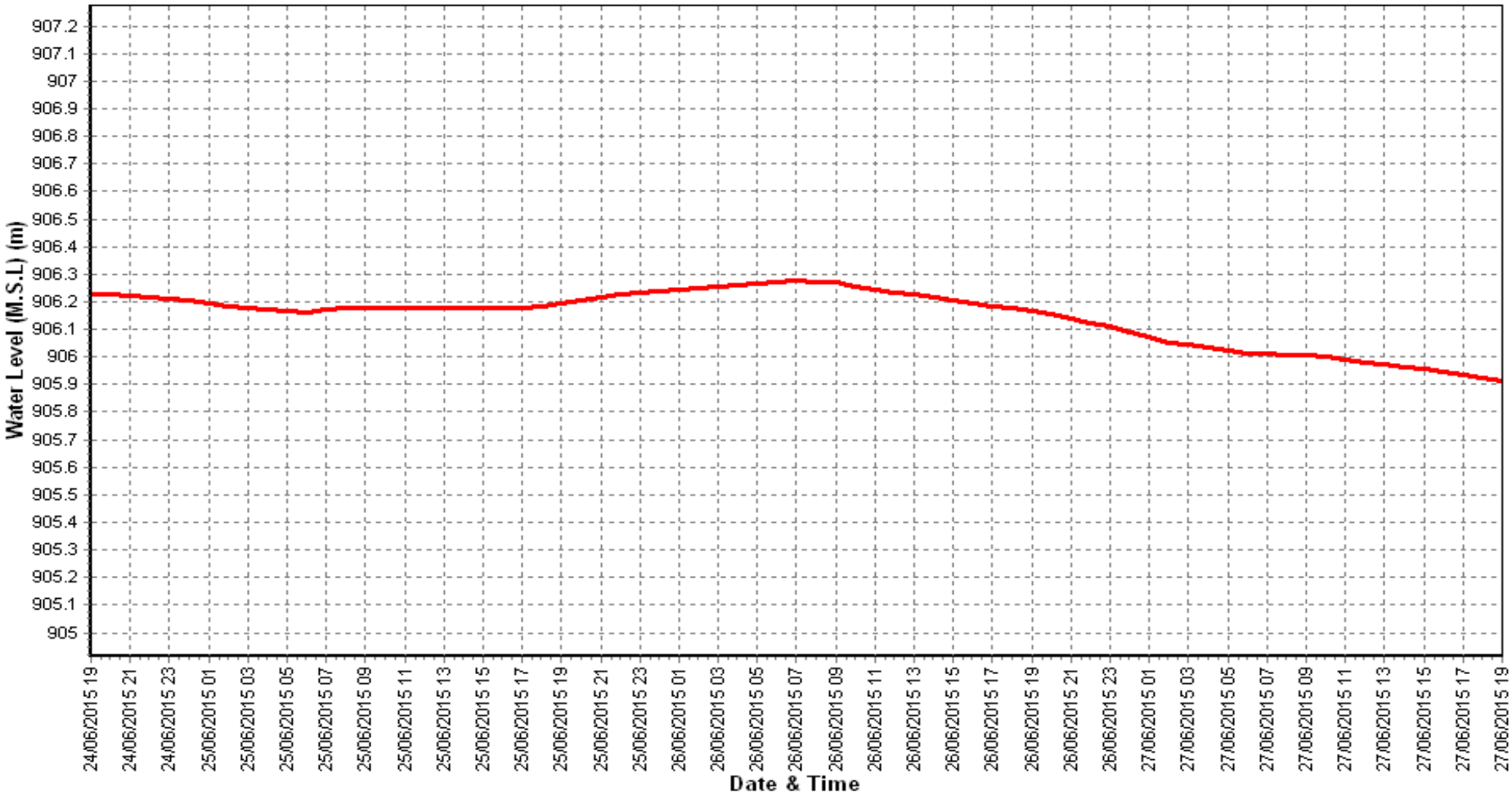


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	887.330	3.957	888.500	73.07	888.450	60.91	887.910	24.03	887.920	24.90	887.720	16.18 *
2	887.300	3.355	888.370	57.37	888.830	101.1 *	887.880	21.46	887.950	27.90 *	888.990	113.6
3	887.330	3.732	888.320	52.99	888.440	60.55	887.870	20.63	887.840	22.64	888.130	43.58
4	887.460	5.989	888.280	49.44	888.410	57.28	887.860	19.52	887.810	20.40 *	888.590	79.32
5	887.600	8.839	888.200	44.14 *	888.400	57.11	887.830	18.13	888.600	87.24	888.310	54.82
6	887.460	6.065	888.110	34.26	888.530	73.48	888.000	30.85 *	888.190	43.16	887.960	29.21
7	887.350	4.365 *	888.060	30.85	888.560	73.69	888.010	31.07	887.990	28.69	887.840	22.58
8	887.290	3.591	888.080	32.29	888.740	91.57 #	889.110	138.0	887.950	26.23	887.770	18.47 *
9	887.330	3.971	888.180	41.13	888.480	66.63 *	888.250	47.82 #	887.880	26.91	887.720	16.89
10	887.360	4.610	888.080	33.29	888.490	70.61	888.110	40.77	887.900	29.30	887.710	15.19
11	887.340	4.188	888.160	39.85	888.620	82.10	888.050	35.60	887.870	23.47 *	887.710	15.75 *
12	887.280	3.599	888.120	38.54 *	888.695	82.71	887.950	26.90	887.840	22.65	887.750	15.57
13	887.600	9.867	888.020	29.23	888.840	93.51	887.920	26.19 *	887.870	21.51	887.720	16.90
14	887.640	9.917 *	888.010	28.77	888.970	109.0	887.880	26.30	887.860	20.32	887.670	15.01
15	887.580	9.123	888.160	41.65	888.690	86.47 *	888.060	33.22	887.750	15.06	887.660	13.64 *
16	887.500	7.101	888.080	35.13	888.480	66.63 *	888.100	36.07	887.720	12.55	887.670	14.53
17	887.520	7.254	888.020	30.23	888.410	57.65	887.960	28.48 *	887.710	15.56	887.670	14.43
18	887.520	7.313	888.250	47.82 *	888.600	80.29	887.900	28.89	887.690	14.89 *	887.650	14.01
19	887.550	8.526	888.610	78.61 *	888.310	55.22	887.980	32.51	887.670	15.07	887.640	13.81
20	888.680	50.13	889.270	143.4	888.180	41.19	888.000	30.85 *	887.660	12.64	887.640	13.82
21	890.320	190.6 *	888.470	76.51	888.110	32.32	888.030	33.42	887.650	13.72	887.640	13.90
22	891.470	360.2	888.400	67.85	888.210	43.31	887.990	28.92	887.650	13.24 *	887.630	12.45 *
23	891.070	297.4	888.370	64.27	888.470	65.75 *	887.890	26.65	887.630	11.20	887.630	13.06
24	891.330	332.1	888.430	71.95	888.170	40.42	887.840	23.26	887.620	12.07 *	887.640	13.36
25	891.310	321.7	888.430	72.90	888.130	38.04	887.950	27.90 *	887.590	10.95 *	887.690	14.89 *
26	891.280	318.8	888.420	61.43 *	888.040	31.88	887.990	30.03	887.590	9.173	887.650	13.89
27	888.770	94.70 #	888.670	88.11	888.070	33.46	887.900	25.09 *	887.580	9.244	887.620	13.26
28	889.240	150.4 *	888.600	79.92	888.110	35.10	888.010	32.65	887.580	9.817	887.590	13.91
29	888.700	92.03	888.590	78.81	888.020	29.39	888.060	38.60	887.800	19.25	887.580	10.59 *
30	888.520	81.58	888.520	71.01	887.980	29.65 *	887.860	19.99	888.290	54.87	887.580	13.23
31			888.470	64.76	887.940	25.93			887.830	21.83		
Ten-Daily Mean												
I Ten-Daily	887.381	4.847	888.218	44.88	888.533	71.29	888.083	39.23	888.003	33.74	888.074	40.98
II Ten-Daily	887.621	11.70	888.270	51.33	888.579	75.47	887.980	30.50	887.764	17.37	887.678	14.75
III Ten-Daily	890.201	223.9	888.488	72.50	888.114	36.84	887.952	28.65	887.710	16.85	887.625	13.25
Monthly												
Min.	887.280	3.355	888.010	28.77	887.940	25.93	887.830	18.13	887.580	9.173	887.580	10.59
Max.	891.470	360.2	889.270	143.4	888.970	109.0	889.110	138.0	888.600	87.24	888.990	113.6
Mean	888.401	80.16	888.331	56.76	888.399	60.42	888.005	32.79	887.822	22.47	887.792	22.99

Annual Runoff in MCM = 778 Annual Runoff in mm = 1262

Peak Observed Discharge = 360.2 cumecs on 22/06/2015 Corres. Water Level :891.47 m

Lowest Observed Discharge = 0.103 cumecs on 14/03/2016 Corres. Water Level :886.8 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 2015 - 2016

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	887.670	15.80	887.340	6.961	887.200	3.886	886.970	1.135	886.810	0.123	886.850	0.290 *
2	887.610	13.17	887.330	6.939	887.190	3.766	886.920	0.808	886.840	0.277	886.850	0.306
3	887.610	13.09	887.320	6.188 *	887.190	3.405	886.910	0.631	886.880	0.445 *	886.830	0.159
4	887.580	13.34	887.320	6.650	887.180	3.334	886.910	0.588	886.890	0.459	886.810	0.137
5	887.550	11.69	887.320	6.640	887.180	3.862	886.910	0.575	886.920	0.625	886.820	0.162
6	887.530	11.11 *	887.310	6.476	887.180	3.748	886.900	0.567 *	886.920	0.621	886.850	0.294
7	887.520	10.66	887.310	6.485	887.170	3.522 *	886.890	0.452	886.920	0.618	886.860	0.361
8	887.510	10.03	887.300	6.350	887.160	3.133	886.890	0.457	886.920	0.701 *	886.890	0.504 *
9	887.500	9.349	887.300	6.145	887.160	3.087	886.880	0.427	886.920	0.621	886.890	0.459
10	887.500	10.58	887.300	5.791 *	887.150	3.037	886.880	0.421	886.920	0.701 *	886.880	0.409
11	887.500	10.69	887.290	6.018	887.140	3.066	886.870	0.372	886.910	0.599	886.890	0.398
12	887.490	10.32	887.290	6.022	887.140	3.031	886.870	0.372	886.900	0.575	886.950	0.813
13	887.490	10.06 *	887.290	5.992	887.130	2.982	886.860	0.338 *	886.890	0.561	887.030	1.767
14	887.490	10.20	887.290	5.995	887.130	2.933 *	886.800	0.103 #	886.880	0.445 *	887.000	1.520
15	887.470	9.716	887.280	5.408 *	887.120	2.734	886.820	0.155	886.880	0.549	886.980	1.189 *
16	887.460	9.283	887.280	5.701	887.110	2.662	886.840	0.212	886.920	0.621	886.950	0.837
17	887.460	8.911	887.280	5.408 *	887.100	2.378	886.830	0.177	886.950	0.930 *	886.950	0.835
18	887.450	8.820	887.270	5.456	887.090	2.298	886.820	0.179	886.950	0.818	886.960	0.868
19	887.440	8.488	887.270	5.467	887.070	2.086	886.820	0.176	886.950	0.930 *	886.960	1.013 #
20	887.430	8.594 *	887.280	5.782	887.060	2.026	886.820	0.167 *	886.940	0.732	887.030	2.129
21	887.430	8.224	887.280	5.798	887.050	1.910 *	886.810	0.167	886.940	0.706	887.000	1.378 *
22	887.420	7.673	887.270	5.341	887.030	1.806	886.810	0.164	886.920	0.599	886.990	1.282 *
23	887.420	7.783	887.260	5.538	887.020	1.671	886.820	0.176	886.910	0.576	887.000	1.584
24	887.400	7.901 *	887.260	5.036 *	887.020	1.564	886.820	0.168	886.910	0.632 *	886.990	1.339
25	887.390	7.676 *	887.260	5.319	887.010	1.482	886.810	0.133 *	886.890	0.536	886.980	1.110
26	887.390	6.780	887.250	4.855 *	887.000	1.471	886.810	0.164	886.880	0.478	886.960	1.053
27	887.380	7.454 *	887.240	4.864	887.000	1.321	886.810	0.133 *	886.870	0.414	886.950	0.928
28	887.380	6.861	887.230	4.654	887.000	1.378 *	886.800	0.115	886.870	0.419	886.940	0.843
29	887.370	7.351	887.220	4.358	886.970	1.128	886.800	0.114	886.860	0.363	886.940	0.850 *
30	887.360	7.271	887.220	4.292			886.800	0.121	886.860	0.312	886.970	1.228
31	887.350	7.208	887.210	4.163 *			886.800	0.114			887.010	1.654
Ten-Daily Mean												
I Ten-Daily	887.558	11.88	887.315	6.463	887.176	3.478	886.906	0.606	886.894	0.519	886.853	0.308
II Ten-Daily	887.468	9.509	887.282	5.725	887.109	2.620	886.835	0.225	886.917	0.676	886.970	1.137
III Ten-Daily	887.390	7.471	887.245	4.929	887.011	1.526	886.808	0.143	886.891	0.503	886.975	1.205
Monthly												
Min.	887.350	6.780	887.210	4.163	886.970	1.128	886.800	0.103	886.810	0.123	886.810	0.137
Max.	887.670	15.80	887.340	6.961	887.200	3.886	886.970	1.135	886.950	0.930	887.030	2.129
Mean	887.469	9.551	887.280	5.68	887.102	2.576	886.848	0.319	886.901	0.566	886.934	0.894

Peak Computed Discharge = 190.6 cumecs on 21/06/2015 **Corres. Water Level :890.32 m**

Lowest Computed Discharge = 0.133 cumecs on 25/03/2016 **Corres. Water Level :886.81 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

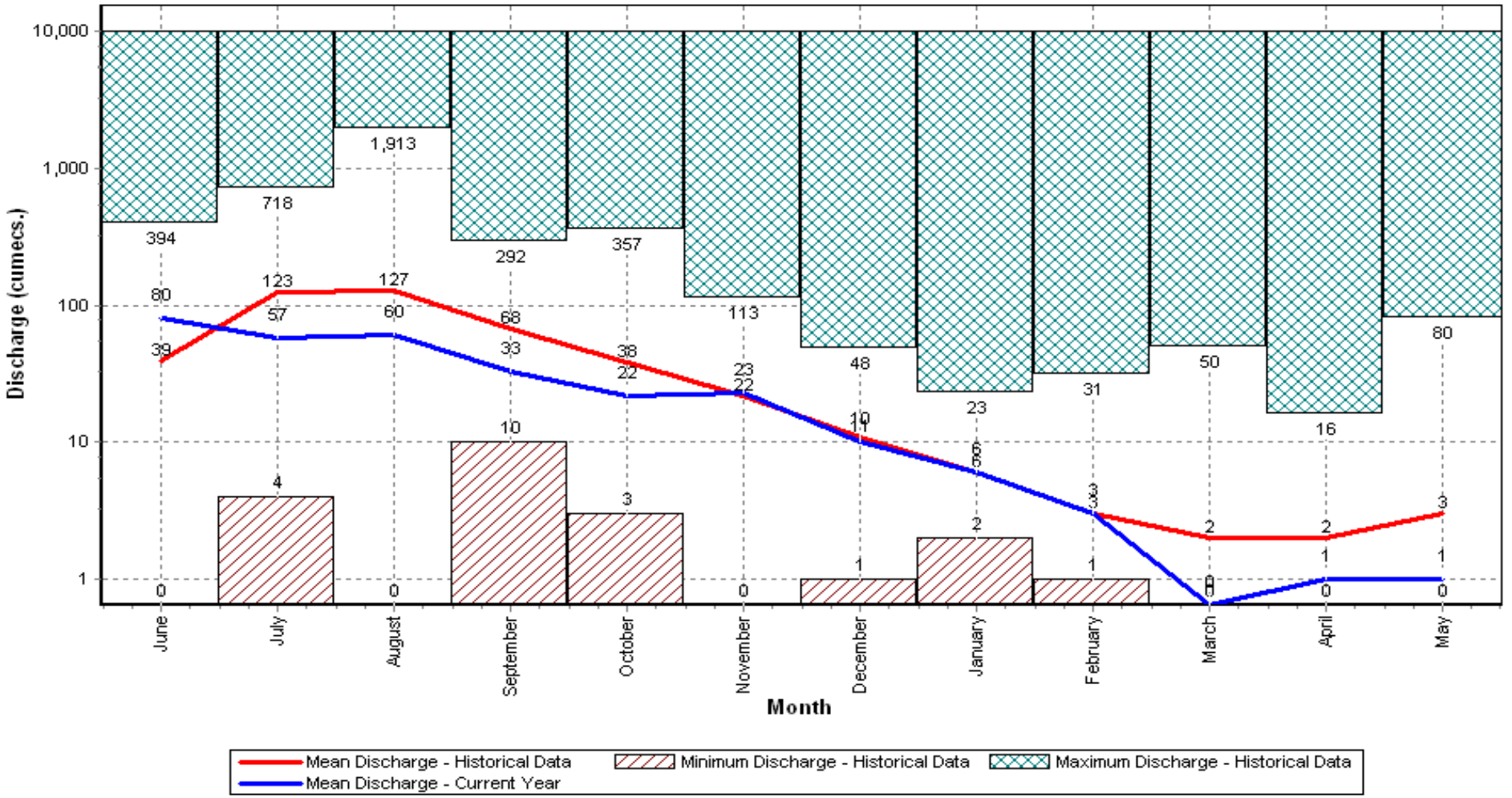
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Sakleshpur (CCR00U6) | **Data considered : 2002-2016** | **Division : Cauvery Division, Bangalore**

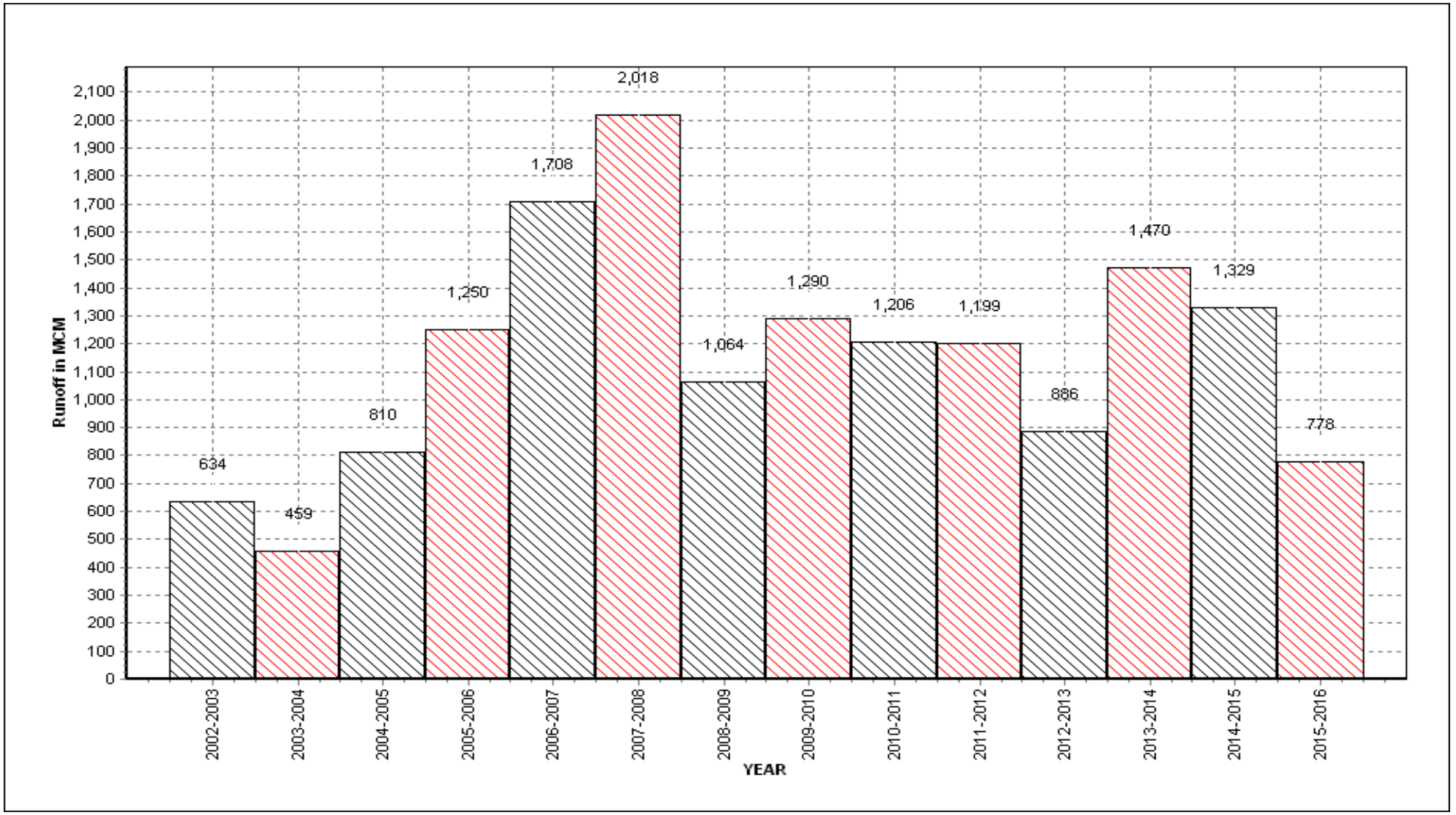
Local River : Hemavathi | **Sub-Division : SWRSD-III, Mangalore**



Annual Runoff Values for the period: 2002 - 2016

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

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

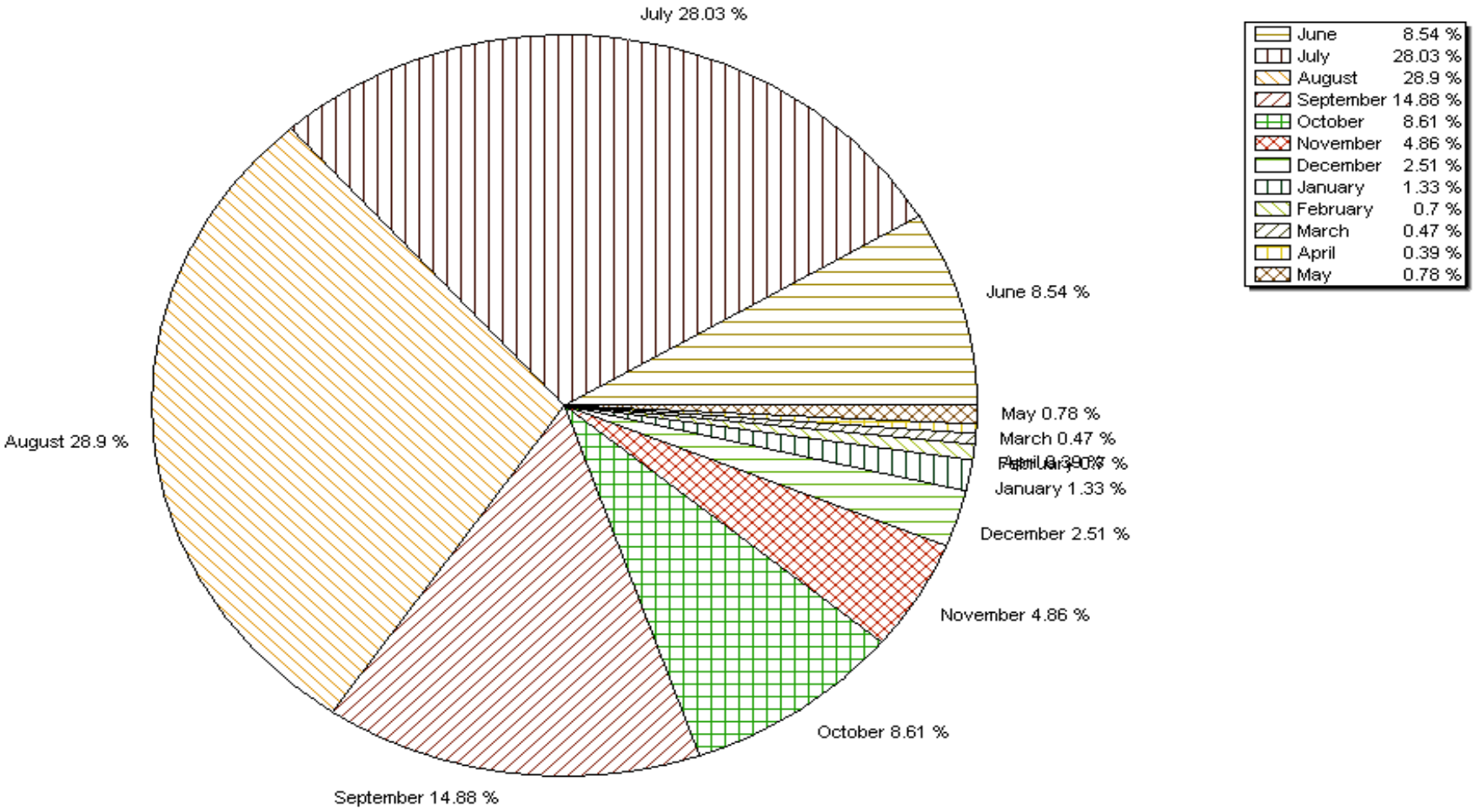


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 2002-2015

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

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



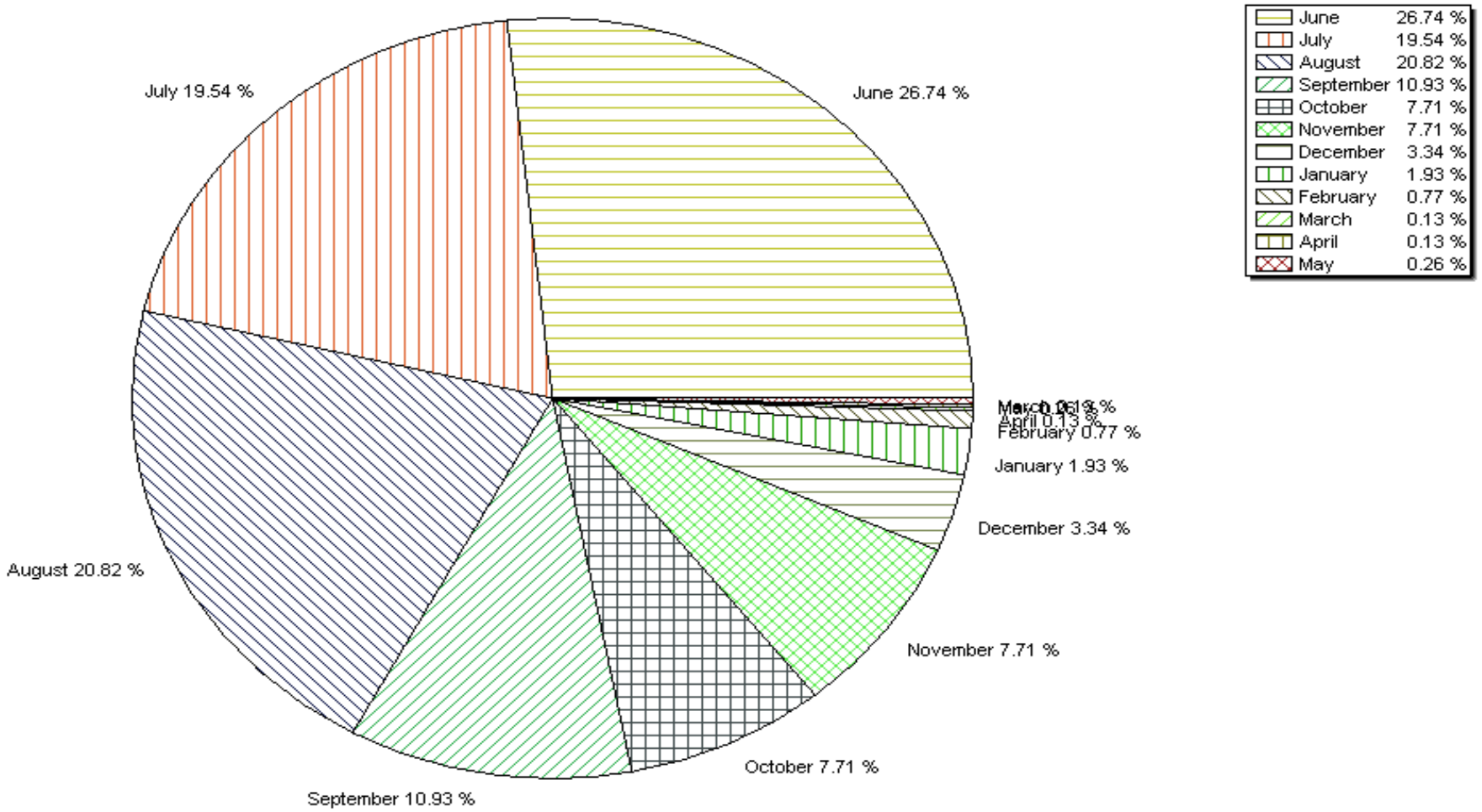
Monthly Runoff for the Year : 2015-2016

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

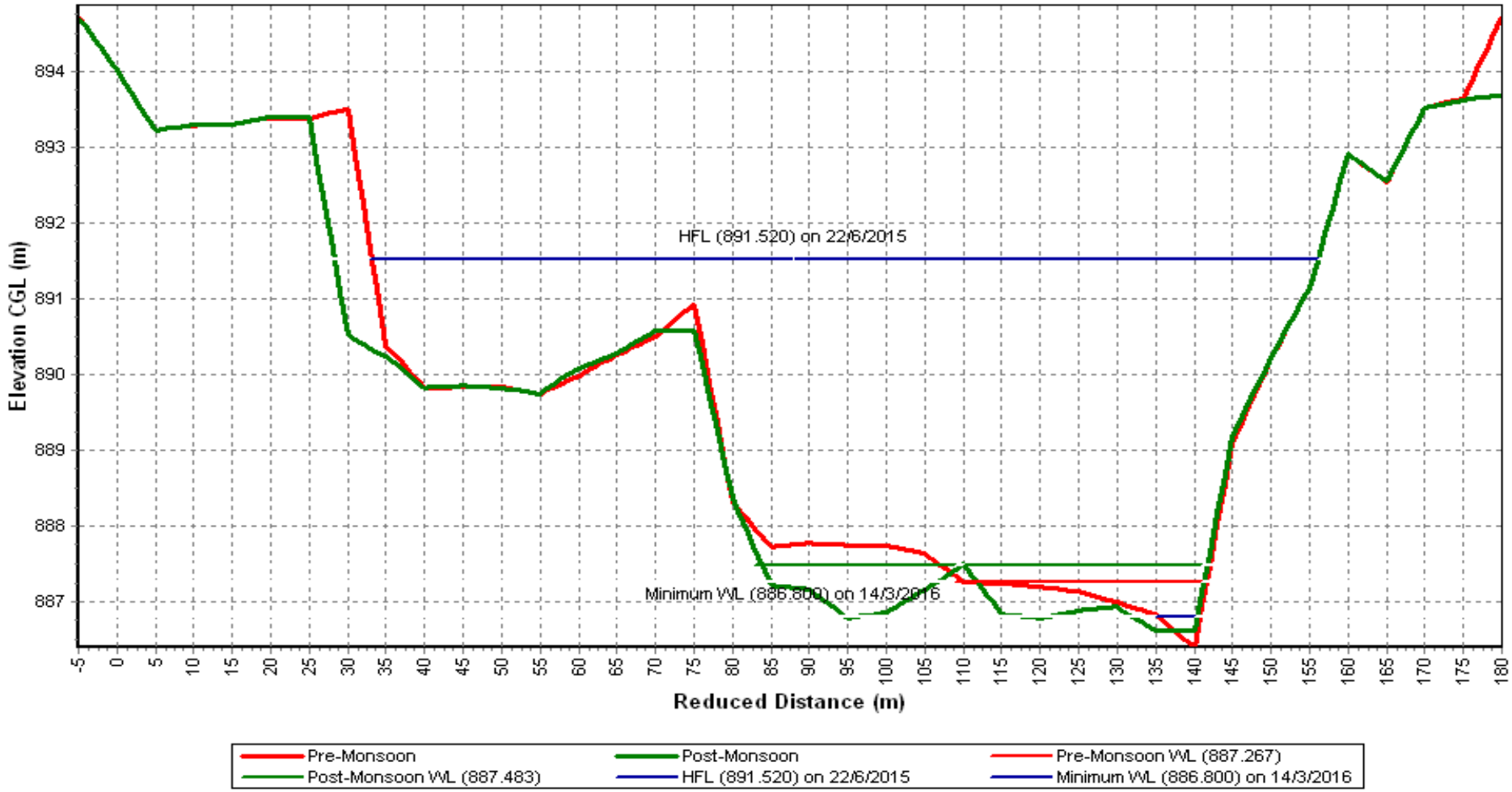
Sub-Division : SWRSD-III, Mangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

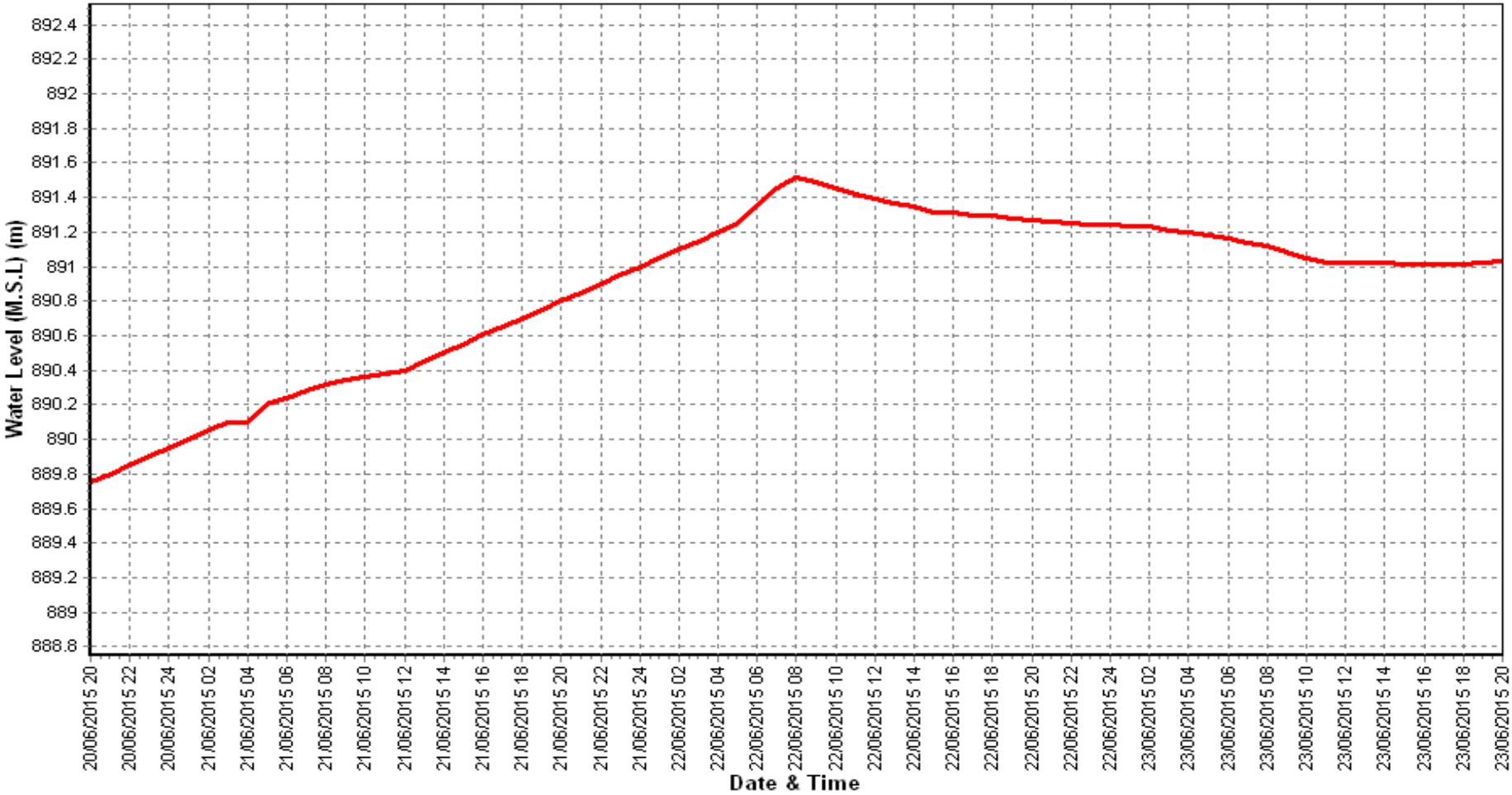
Local River : Hemavathi **Sub-Division : SWRSD-III, Mangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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



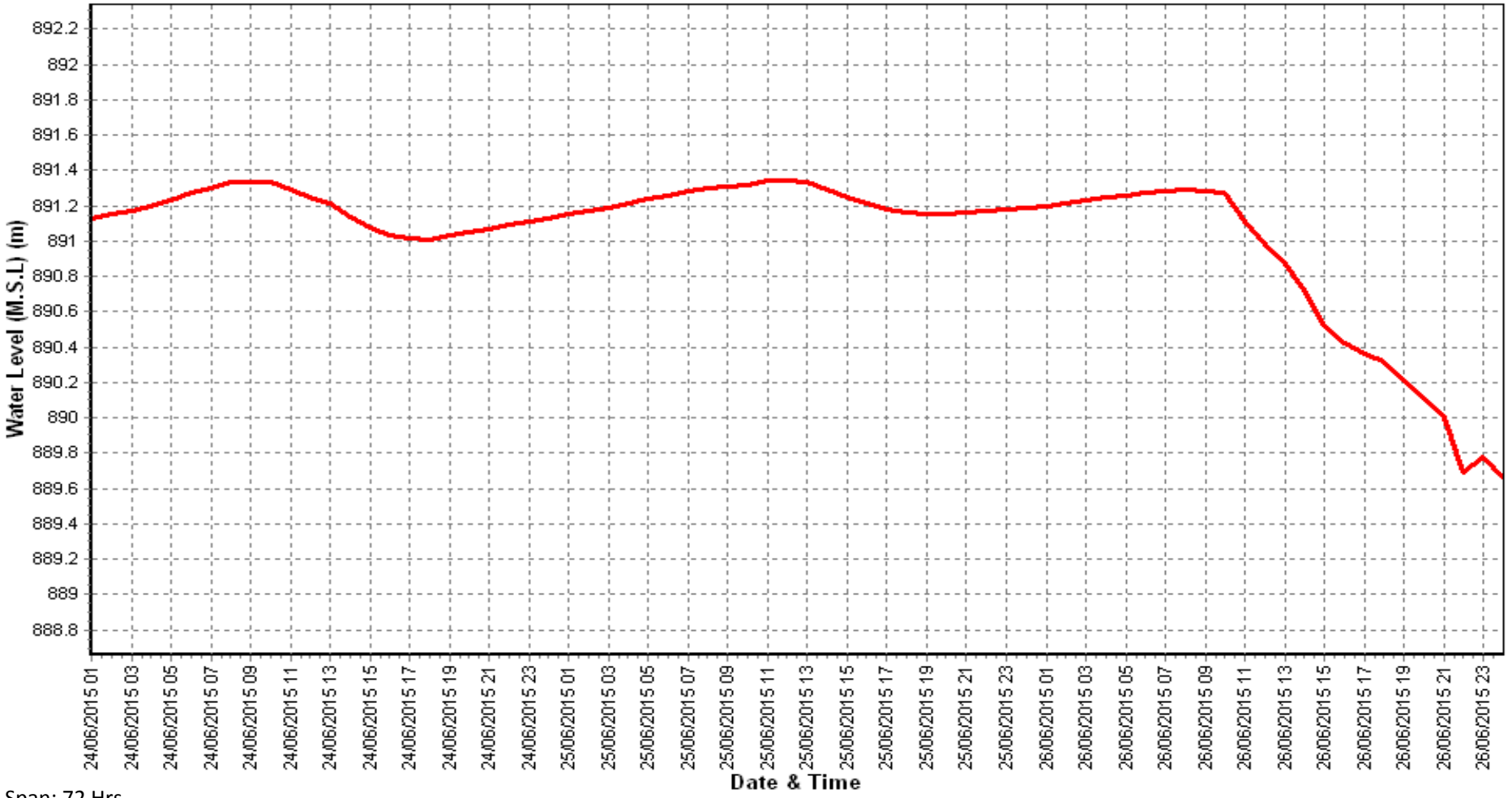
371

Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

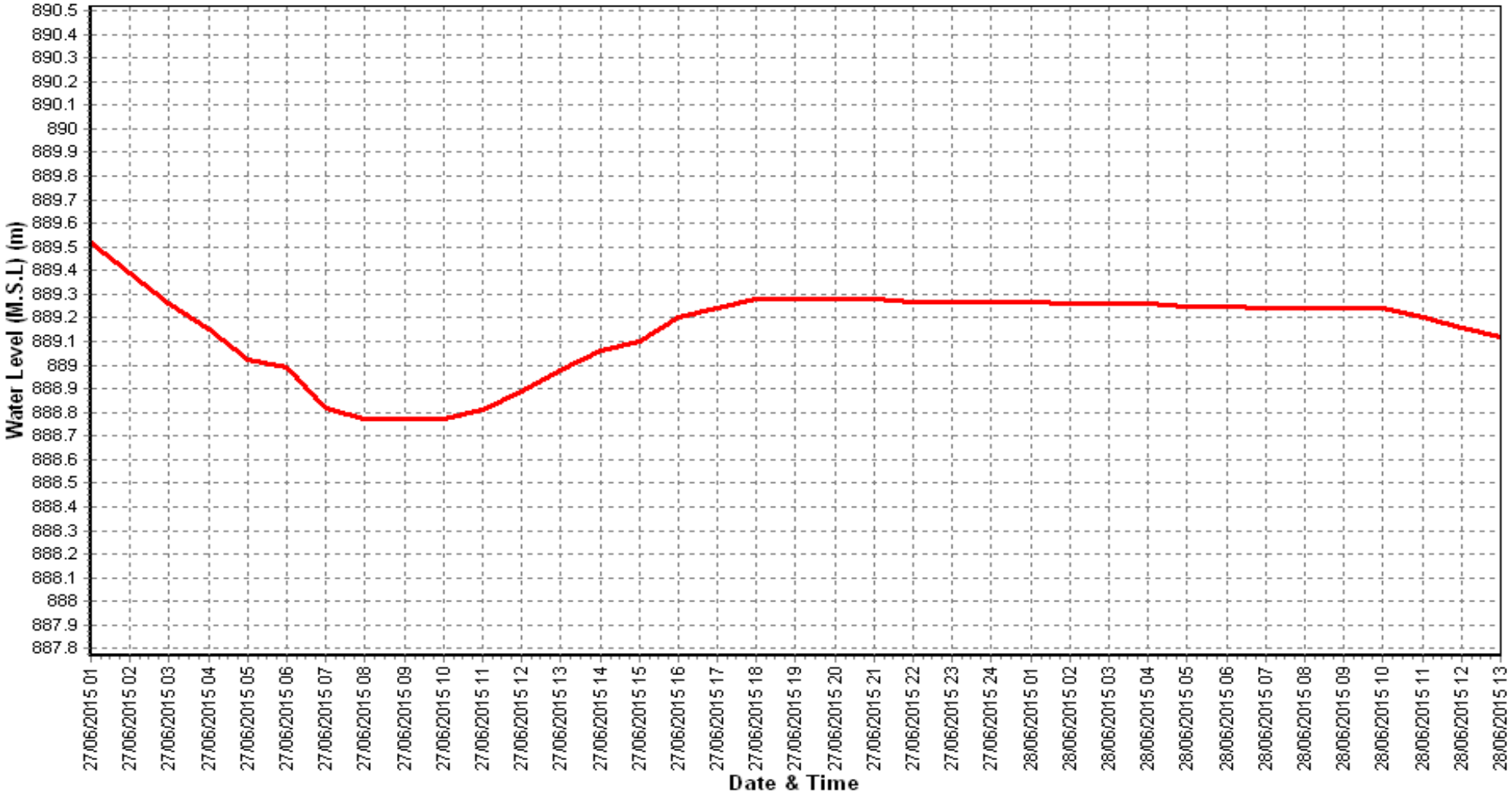


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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

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



Time Span: 72 Hrs

HISTORY SHEET

Water Year : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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

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

Day	Jun		Jul		Aug		Sep		Oct		Nov	
	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q	W.L	Q
1	752.140	0.000	753.700	150.6	752.875	50.36	752.750	31.43	753.570	120.8	752.640	21.05 *
2	752.190	0.000	753.500	110.3 #	752.700	25.95 *	752.640	17.36	753.650	148.7 *	753.240	86.29
3	752.270	0.000	753.330	92.39 #	752.750	32.85	752.630	16.97	753.210	84.22	753.065	69.74
4	752.210	0.000	753.400	99.63 #	752.660	26.23	752.660	20.71	753.010	57.23 *	753.260	94.17
5	752.020	0.000	753.260	85.34 *	752.750	34.66	752.830	38.86	753.140	80.22	753.090	69.08
6	751.990	0.000	753.270	86.34 #	752.990	58.21	753.310	95.93 *	753.540	117.3	753.030	70.99
7	752.080	0.000	752.560	20.16	753.520	127.4 #	753.620	127.0	753.270	93.61	752.680	24.15
8	752.000	0.000	753.090	76.05	754.060	230.9	753.420	114.2	753.150	82.89	752.750	30.34 *
9	752.220	0.000	753.050	69.32	754.000	211.9 *	754.000	168.8	753.150	82.13	752.380	3.870
10	752.170	0.000	753.040	71.59	753.630	148.4	753.520	135.6	753.100	74.54	752.450	6.104
11	752.815	51.84	753.650	146.5	753.490	122.7	753.260	99.15	753.300	94.52 *	752.450	8.331 *
12	752.570	20.34	753.530	113.6 *	753.670	148.1	753.140	85.09	753.220	89.08	752.660	19.47
13	751.870	0.000	753.480	139.7	753.800	159.6	753.000	56.08 *	753.080	68.04	752.600	14.21
14	752.860	49.14 *	753.350	105.4	754.230	252.8	752.870	44.56	752.930	50.33	752.750	27.39
15	752.435	19.36	753.305	103.5	753.850	183.7 *	752.800	41.42	752.840	39.29	753.010	57.23 *
16	752.000	0.000	753.270	100.3	753.630	145.3 *	752.855	42.15	752.760	30.53	752.760	30.92
17	752.660	28.14	753.360	107.6	753.570	117.8	752.900	45.06 *	752.680	23.21	752.610	23.40
18	752.680	37.09	753.360	95.46 *	753.530	155.1	752.890	53.74	752.640	21.05 *	752.510	10.62
19	752.670	32.38	754.650	258.5 *	753.850	163.4	752.930	51.06	752.590	13.28	752.510	9.949
20	752.230	0.000	755.580	325.1	753.750	155.5	752.990	54.93 *	752.545	13.42	752.550	13.59
21	753.140	73.75 *	755.160	293.1	753.280	93.04	753.030	67.11	752.530	10.86	752.430	7.686
22	754.600	228.9	754.500	218.6	753.355	107.7	753.140	80.26	752.460	8.885 *	752.480	10.03 *
23	755.320	343.6	754.300	191.9	753.600	140.3 *	753.060	68.13	752.480	8.956	752.620	15.06
24	755.380	385.7	753.950	157.7	753.420	112.0 #	752.980	54.45	752.460	0.000	752.470	9.449 #
25	755.450	383.1	753.680	139.2	753.340	102.4	753.110	69.26 *	752.400	0.000	752.730	28.55 *
26	755.400	369.9	753.640	147.0 *	753.050	68.65	753.450	118.9	752.340	0.000	752.420	8.742
27	755.980	447.0	753.580	121.2	753.000	58.21	753.430	113.5 *	752.280	0.000	752.400	7.139
28	756.000	483.2 *	753.600	125.4	752.890	45.86	753.470	121.6	752.200	0.000	752.340	0.000
29	755.150	336.5	753.590	123.3	753.030	61.40	753.320	107.0	752.310	0.000	752.330	0.000
30	754.050	195.5	753.155	85.62	753.120	70.52 *	753.730	137.4	752.730	27.06	752.345	4.315
31			753.085	73.60	752.730	30.95			752.700	25.72		
Ten-Daily Mean												
I Ten-Daily	752.129	0.000	753.220	86.17	753.193	94.69	753.138	76.69	753.279	94.17	752.859	47.58
II Ten-Daily	752.479	23.83	753.753	149.6	753.737	160.4	752.964	57.32	752.859	44.28	752.641	21.51
III Ten-Daily	755.047	324.7	753.840	152.4	753.165	81.00	753.272	93.77	752.445	7.407	752.456	9.097
Monthly												
Min.	751.870	0.000	752.560	20.16	752.660	25.95	752.630	16.97	752.200	0.000	752.330	0.000
Max.	756.000	483.2	755.580	325.1	754.230	252.8	754.000	168.8	753.650	148.7	753.260	94.17
Mean	753.218	116.2	753.612	130.1	753.359	111	753.124	75.93	752.847	47.29	752.652	26.06

Annual Runoff in MCM = 1363 Annual Runoff in mm = 455

Peak Observed Discharge = 447.0 cumecs on 27/06/2015 Corres. Water Level :755.98 m

Lowest Observed Discharge = 0.000 cumecs on 01/06/2015 Corres. Water Level :752.14 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 2015 - 2016

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

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

Day	Dec		Jan		Feb		Mar		Apr		May	
	W.L	Q	WL	Q	WL	Q	WL	Q	WL	Q	WL	Q
1	752.310	4.434 *	752.480	15.54 #	751.950	0.000	751.860	0.000	751.590	0.000	751.590	0.000
2	752.280	3.095 *	752.380	8.602	751.920	0.000	751.850	0.000	751.600	0.000	751.540	0.000
3	752.310	4.434 *	752.200	0.000	751.940	0.000	751.780	0.000	751.600	0.000	751.540	0.000
4	752.450	13.18 *	752.360	8.165	752.180	0.000	751.750	0.000	751.590	0.000	751.420	0.000
5	752.400	9.609 *	751.980	0.000	751.900	0.000	751.740	0.000	751.590	0.000	751.510	0.000
6	752.490	16.37 *	752.000	0.000	751.860	0.000	751.780	0.000	751.600	0.000	751.560	0.000
7	752.330	5.438 *	751.970	0.000	751.830	0.000	751.950	0.000	751.610	0.000	751.560	0.000
8	752.360	6.846	751.970	0.000	751.830	0.000 *	751.860	0.000	751.590	0.000	751.670	0.000
9	752.370	8.415	751.950	0.000	751.970	0.000	751.760	0.000	751.580	0.000	751.700	0.000
10	752.340	4.290	751.980	0.000	751.970	0.000	751.770	0.000	751.580	0.000	751.680	0.000
11	752.400	8.385	751.990	0.000	752.200	0.000	751.780	0.000	751.580	0.000	751.650	0.000
12	752.360	8.478	751.960	0.000	752.030	0.000	751.760	0.000	751.580	0.000	751.600	0.000
13	752.350	6.525 *	751.950	0.000	751.960	0.000	751.740	0.000	751.570	0.000	751.600	0.000
14	752.230	0.000	751.940	0.000	751.940	0.000	751.690	0.000	751.570	0.000	751.610	0.000
15	752.400	10.52	751.910	0.000	751.950	0.000	751.680	0.000	751.570	0.000	751.620	0.000
16	752.410	11.85	751.900	0.000	751.960	0.000	751.690	0.000	751.560	0.000	751.650	0.000
17	752.390	7.951	751.860	0.000	751.940	0.000	751.680	0.000	751.540	0.000	751.620	0.000
18	752.390	8.753	751.830	0.000	751.860	0.000	751.690	0.000	751.540	0.000	751.630	0.000
19	752.430	10.81	751.830	0.000	751.850	0.000	751.690	0.000	751.540	0.000	751.620	0.000
20	752.450	13.18 *	751.810	0.000	751.830	0.000	751.740	0.000	751.540	0.000	751.650	0.000
21	752.380	9.217	752.440	11.24	751.820	0.000	751.710	0.000	751.540	0.000	751.920	0.000
22	752.380	8.688	752.220	0.000	751.840	0.000	751.680	0.000	751.540	0.000	751.920	0.000
23	752.380	7.873	752.250	0.000	751.900	0.000	751.660	0.000	751.540	0.000	751.730	0.000
24	752.400	9.609 *	752.380	0.000	751.900	0.000	751.650	0.000	751.540	0.000	751.650	0.000
25	752.390	8.952 *	752.100	0.000	751.900	0.000	751.620	0.000	751.530	0.000	751.680	0.000
26	752.150	0.000	751.990	0.000	751.890	0.000	751.620	0.000	751.530	0.000	751.710	0.000
27	752.230	0.000	751.950	0.000	751.870	0.000	751.620	0.000	751.540	0.000	751.690	0.000
28	752.140	0.000	751.920	0.000	751.890	0.000	751.630	0.000	751.530	0.000	751.690	0.000
29	752.150	0.000	751.880	0.000	751.870	0.000	751.620	0.000	751.760	0.000	751.670	0.000
30	752.370	8.171	751.850	0.000			751.610	0.000	751.640	0.000	751.690	0.000
31	752.580	24.59 *	751.860	0.000			751.600	0.000			751.730	0.000
Ten-Daily Mean												
I Ten-Daily	752.364	7.611	752.127	3.231	751.935	0.000	751.810	0.000	751.593	0.000	751.577	0.000
II Ten-Daily	752.381	8.644	751.898	0.000	751.952	0.000	751.714	0.000	751.559	0.000	751.625	0.000
III Ten-Daily	752.323	7.009	752.076	1.022	751.876	0.000	751.638	0.000	751.569	0.000	751.735	0.000
Monthly												
Min.	752.140	0.000	751.810	0.000	751.820	0.000	751.600	0.000	751.530	0.000	751.420	0.000
Max.	752.580	24.59	752.480	15.54	752.200	0.000	751.950	0.000	751.760	0.000	751.920	0.000
Mean	752.355	7.731	752.035	1.405	751.922	0	751.718	0	751.574	0	751.648	0

Peak Computed Discharge = 483.2 cumecs on 28/06/2015 **Corres. Water Level :756 m**

Lowest Computed Discharge = 0.000 cumecs on 08/02/2016 **Corres. Water Level :751.83 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

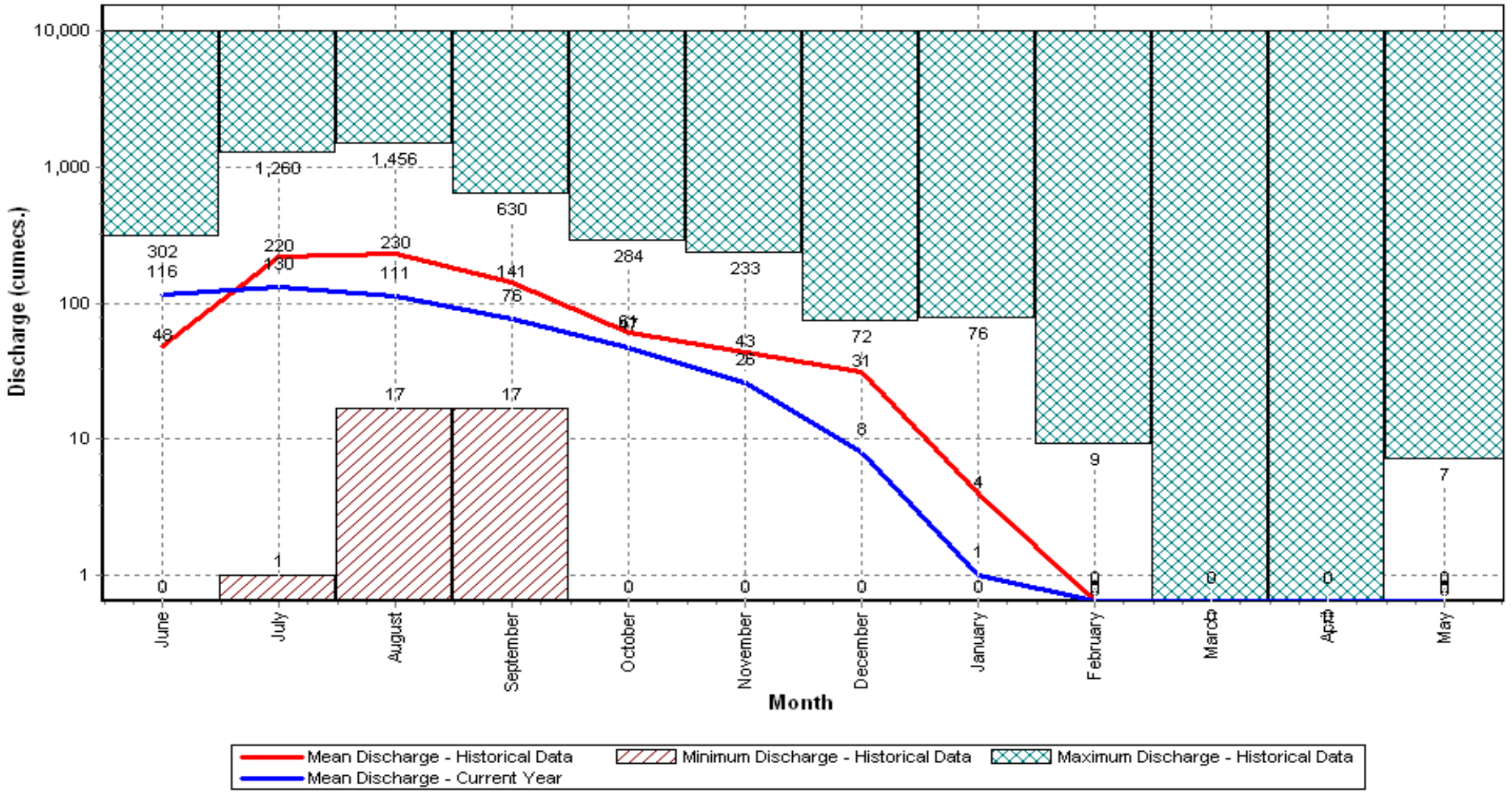
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Chunchunkatte (CC000V7) | **Data considered : 2008-2016** | **Division : Cauvery Division, Bangalore**

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



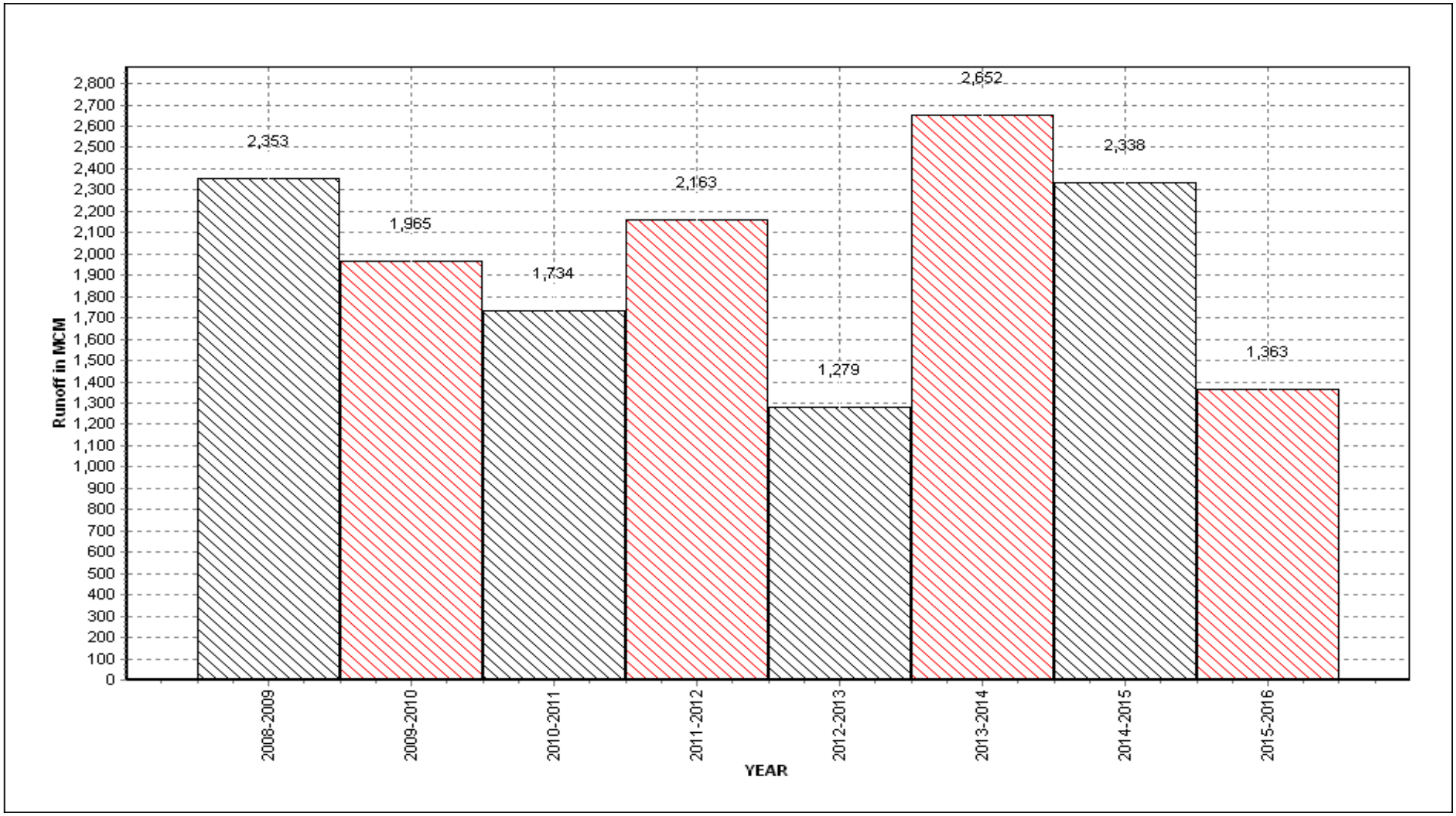
Annual Runoff Values for the period: 2008 - 2016

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

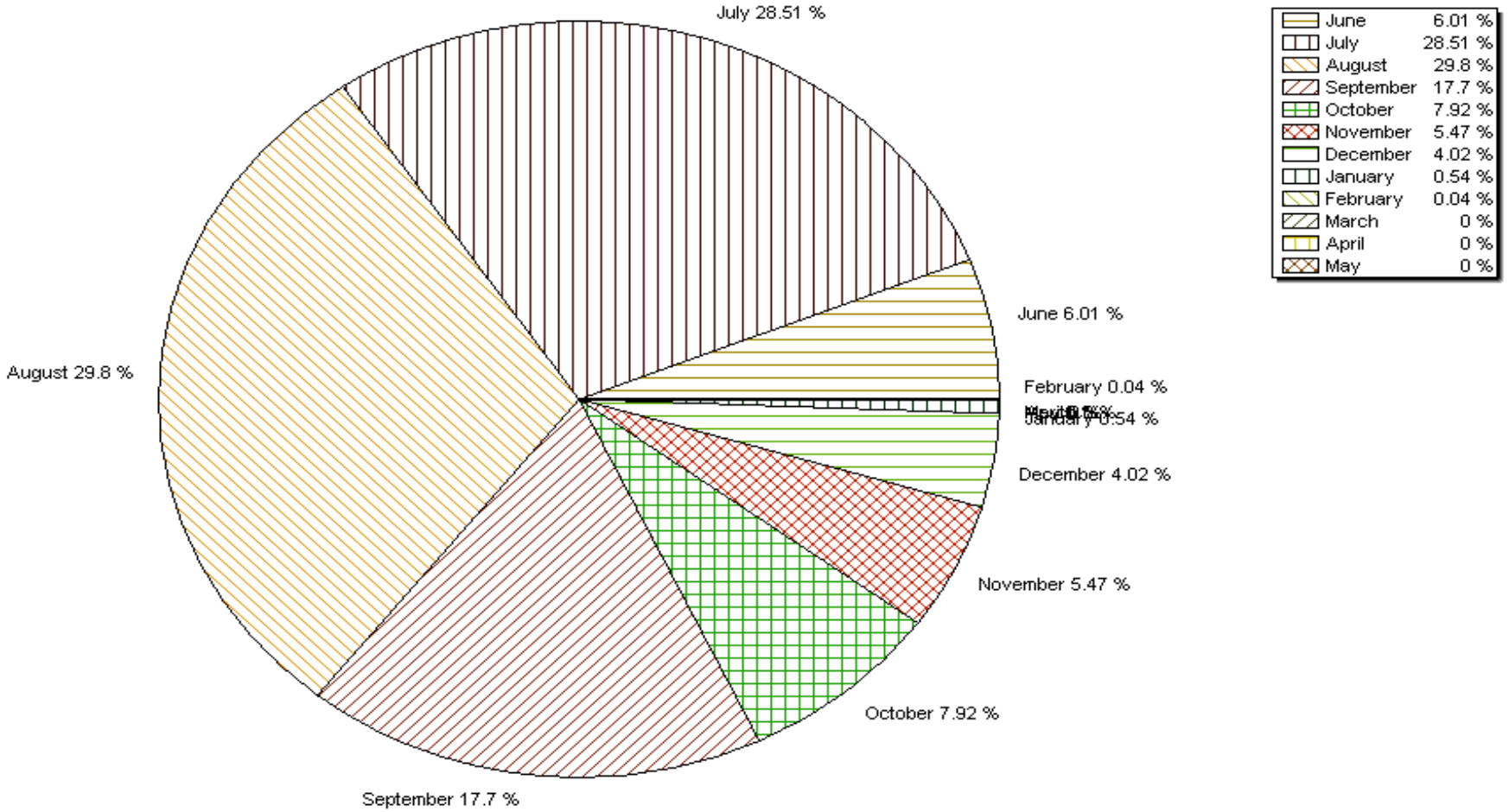
Monthly Average Runoff based on period : 2008-2015

Station Name : Chunchunkatte (CC000V7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



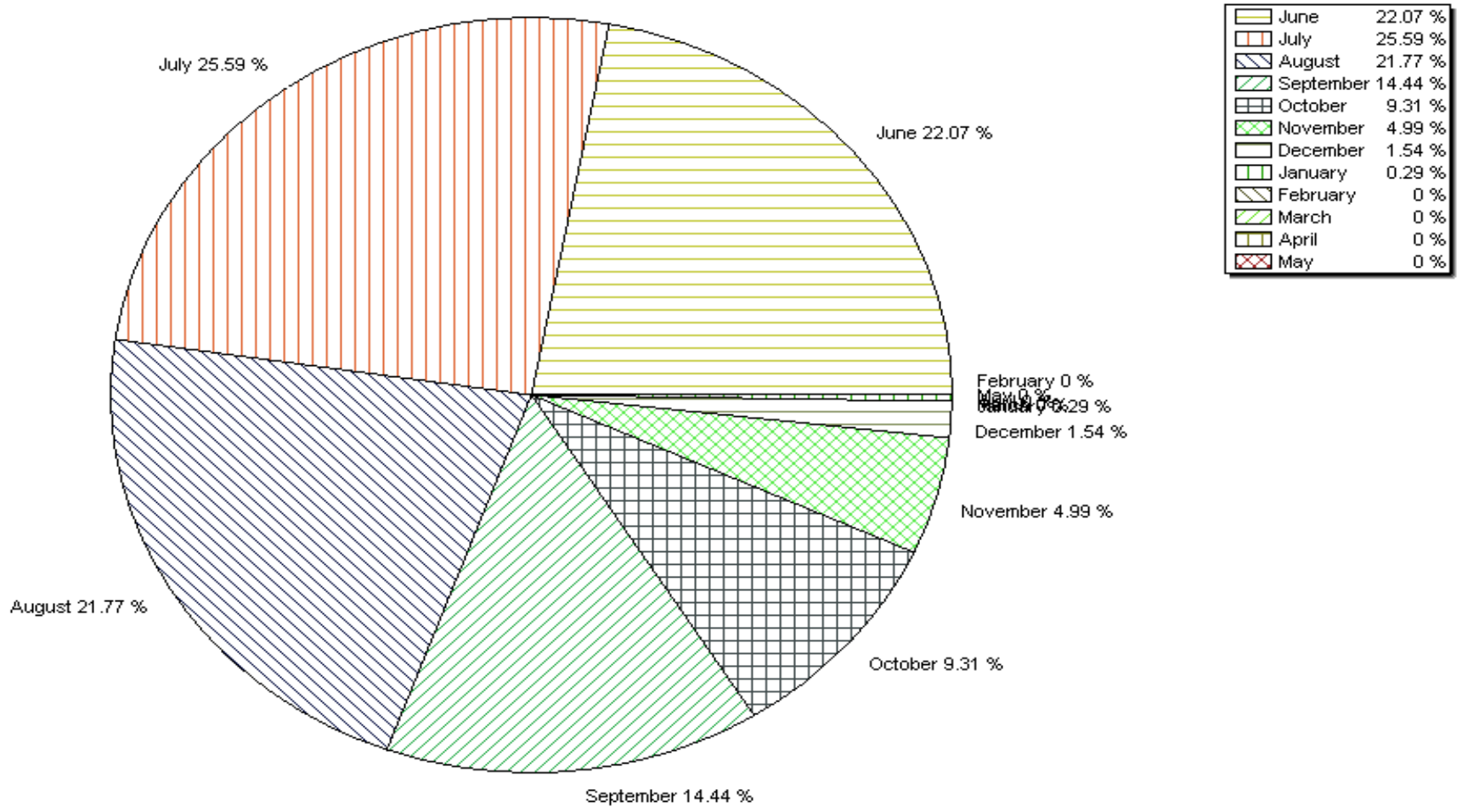
Monthly Runoff for the Year : 2015-2016

Station Name : Chunchunkatte (CC000V7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

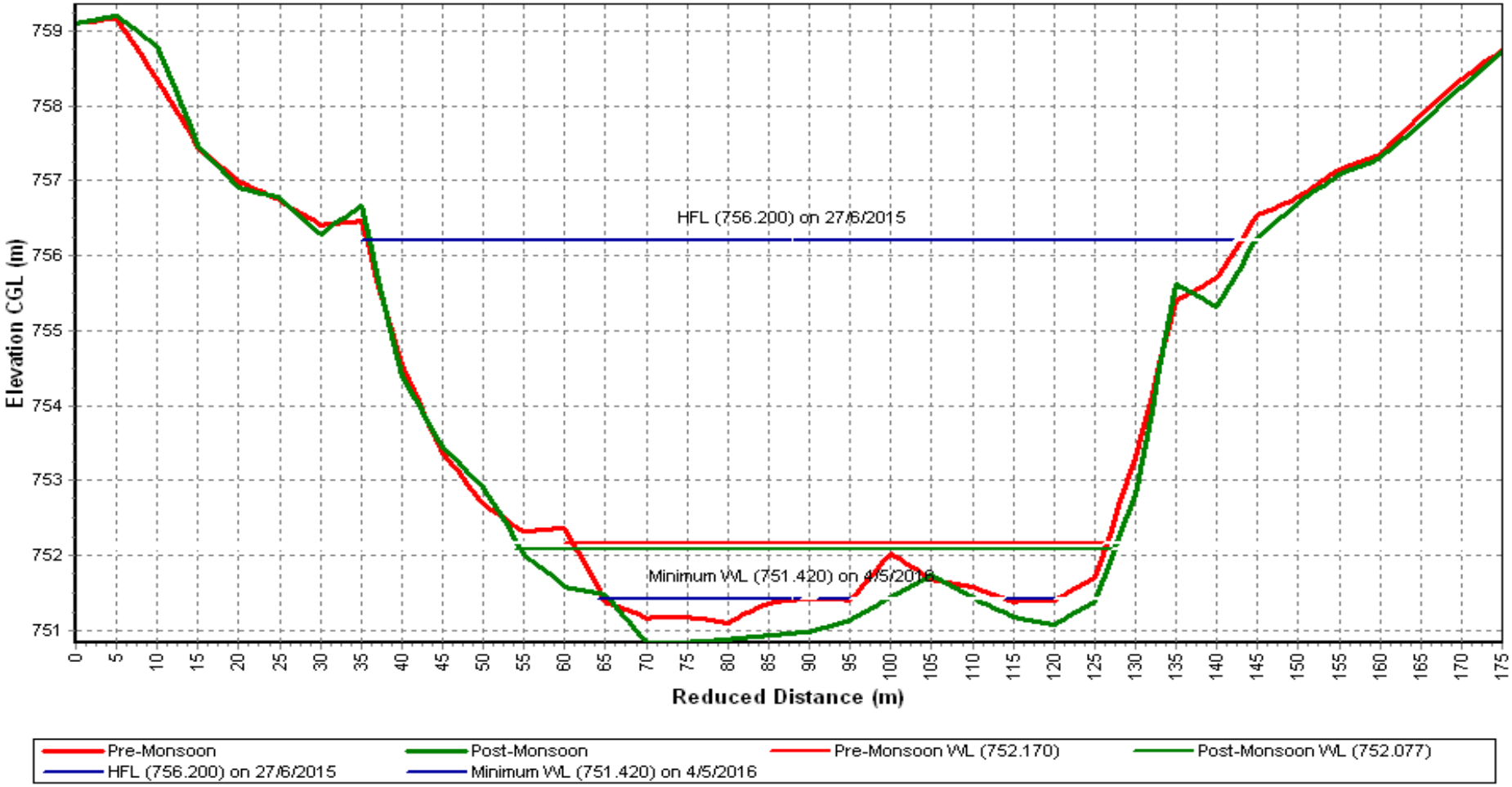
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

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

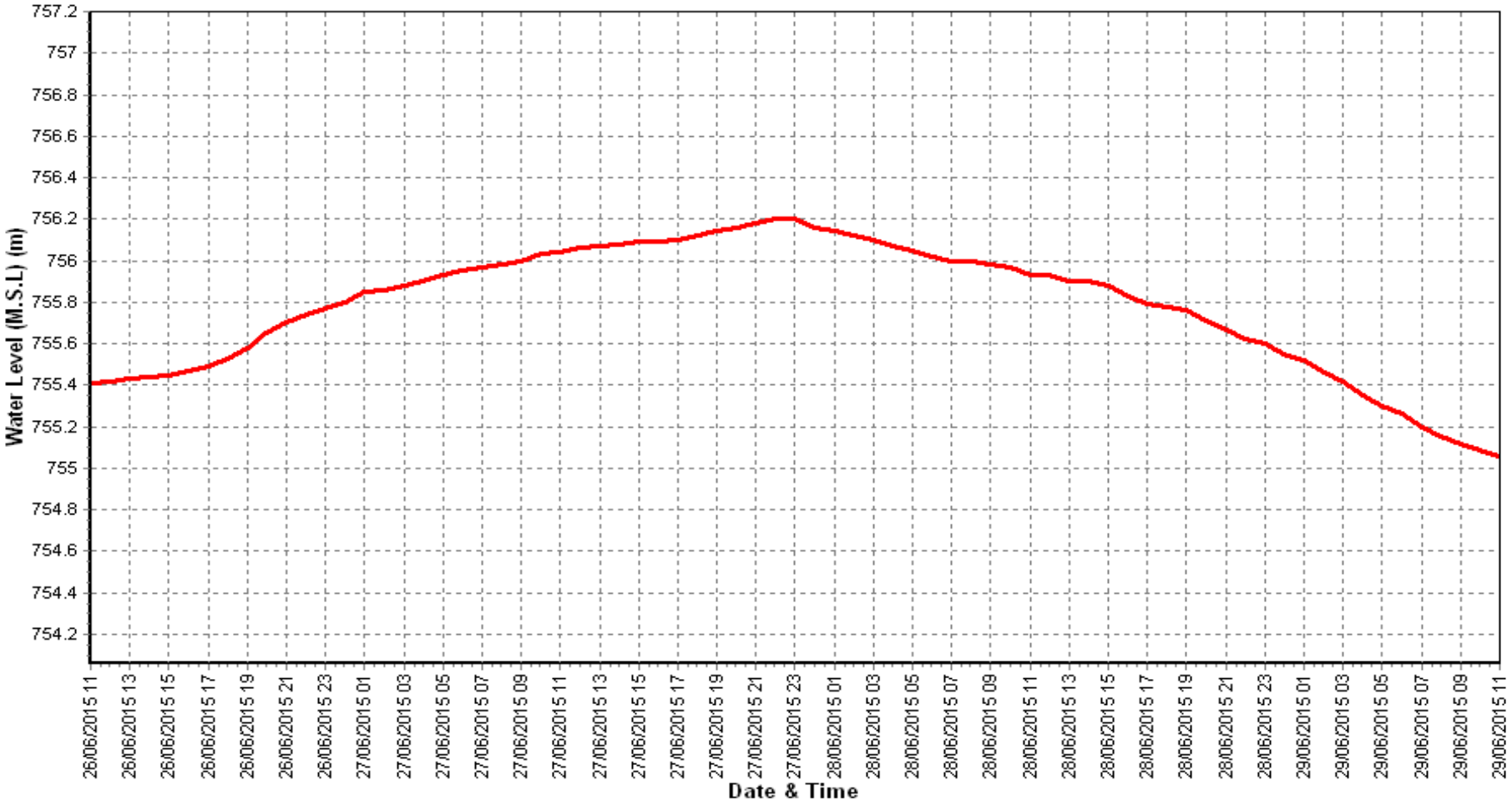
Local River : Cauvery **Sub-Division : Upper Cauvery SD, Bangalore**



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

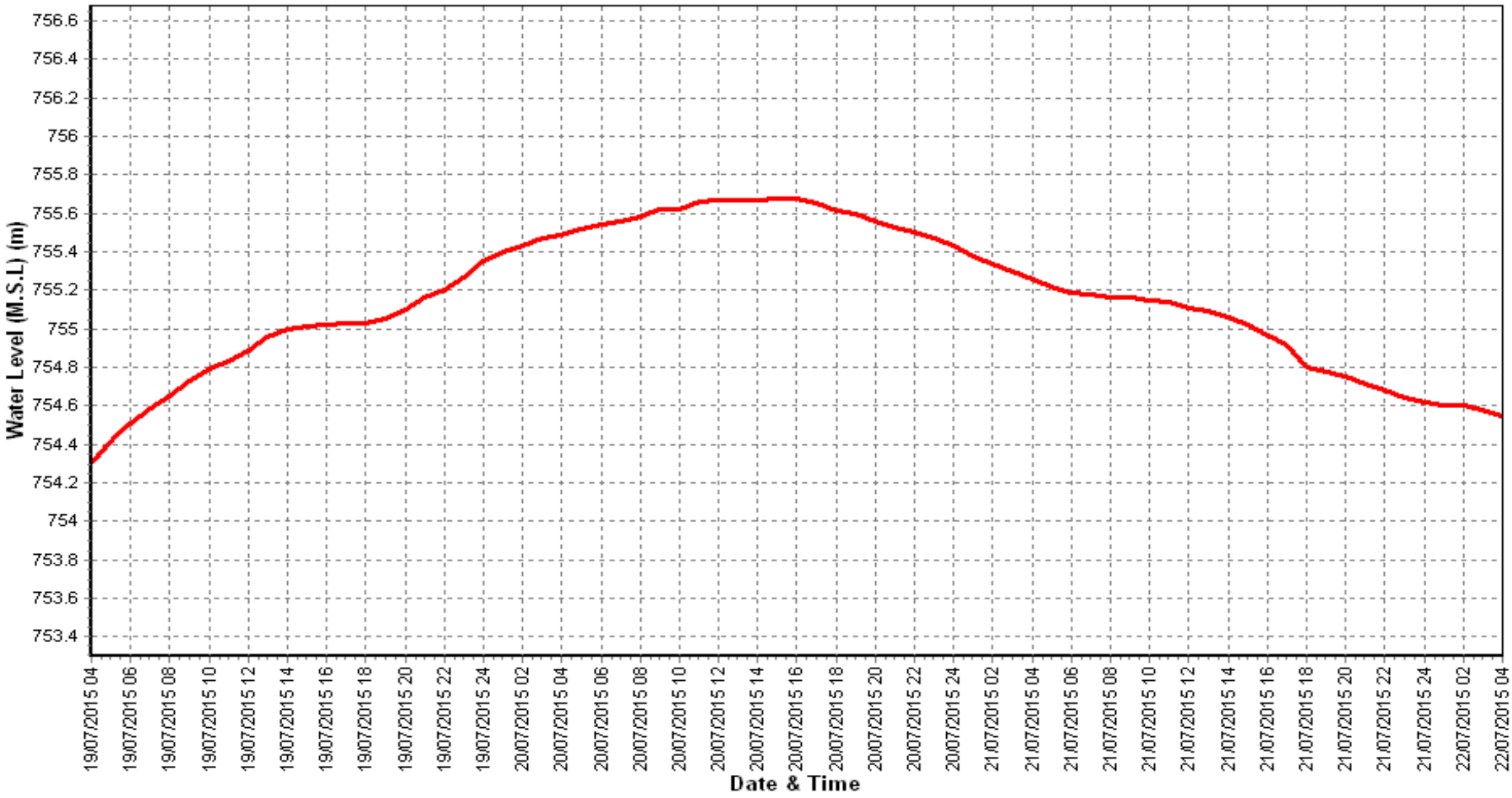


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

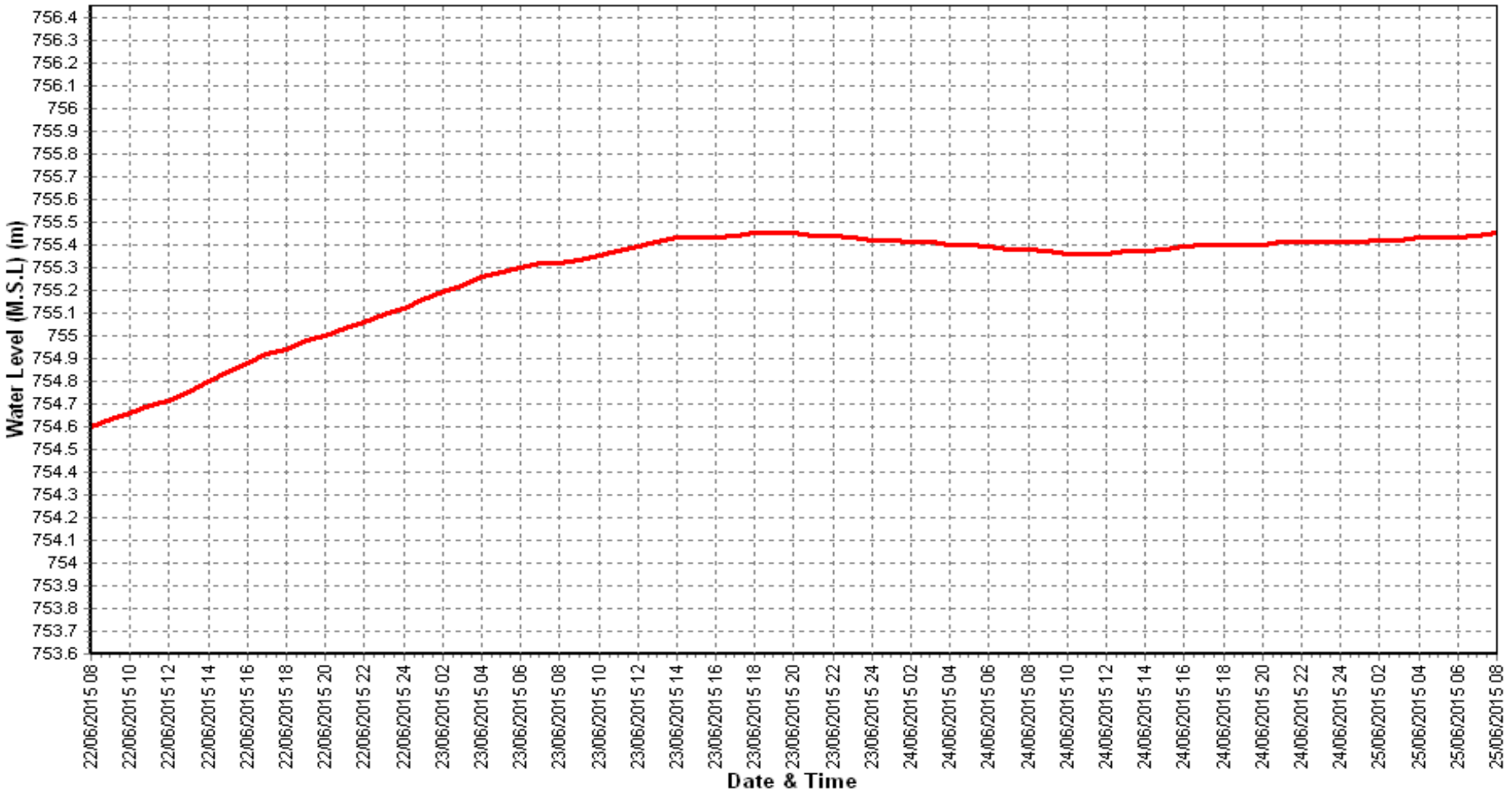


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

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 : 2015-2016

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

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

Stage-Discharge Data for the period 2015 - 2016

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	811.260	9.826	812.785	195.1	812.200	104.9	811.850	76.03	812.520	130.6	811.680	67.89 *
2	811.240	9.343	812.540	141.6 *	812.150	105.1 *	811.870	82.02 *	812.300	118.6 *	811.610	65.34
3	811.250	9.594	812.400	148.4	812.095	111.5	811.820	73.12	812.015	94.85	811.650	66.30
4	811.250	9.519	812.285	129.5	812.080	99.09 *	811.995	92.26	811.890	83.59 *	811.700	68.40
5	811.270	10.10	812.210	110.4 *	812.320	144.8	811.990	89.12	812.000	73.75	811.720	69.34
6	811.280	11.32	812.145	106.1	812.810	212.3	812.140	104.2 *	812.205	101.9	811.670	67.45
7	811.420	19.26 *	812.055	101.7	813.335	283.2	812.350	118.9	812.205	111.0	811.600	63.14
8	811.280	11.28	811.970	87.19	813.920	378.2	812.405	137.2	812.180	90.82	811.560	59.60 *
9	811.260	9.865	811.985	85.53	813.180	212.4 *	813.100	202.3	812.245	112.6	811.530	60.73
10	811.260	9.832	812.655	164.7	812.980	188.9 *	812.500	129.5	812.570	122.1	811.500	56.61
11	811.250	9.486	812.650	160.8	813.100	202.8 *	812.265	119.0	812.350	123.2 *	811.500	55.65 *
12	811.440	20.65 #	812.740	162.3 *	814.080	314.3	812.140	98.75	812.175	93.05	811.520	60.20
13	811.390	17.28 #	812.590	146.7 *	813.770	280.2	812.020	94.06 *	812.075	96.51	811.570	63.59
14	811.520	26.73 *	812.390	144.6	813.610	271.1	811.940	88.64	812.020	92.23	812.455	126.7
15	811.600	35.94	812.260	119.3	813.380	237.3 *	811.895	85.25	811.930	85.57	811.710	70.04 *
16	811.600	34.61	812.400	92.51	813.000	191.2 *	811.880	76.81	811.790	78.19	811.610	64.57
17	811.600	34.42	812.340	95.51	812.935	185.5	812.050	96.56 *	811.750	73.53	811.580	65.98
18	811.530	28.83	812.620	149.8 *	812.905	183.4	812.000	72.58	811.710	70.04 *	811.550	62.08
19	811.640	32.49	815.170	515.1 *	812.925	192.3	811.920	70.31	811.690	69.51	811.520	60.19
20	812.350	112.2	816.500	784.4 *	812.550	127.4	812.070	98.24 *	811.660	68.81	811.530	59.33
21	813.920	310.6 *	814.730	451.6	812.385	123.7	812.315	140.8	811.650	72.43	811.540	61.56
22	815.100	441.9	814.115	348.4	812.580	124.6	812.195	102.0	811.630	64.37 *	811.650	65.77 *
23	815.860	675.4	813.830	306.7	812.710	159.1 *	812.125	97.82	811.610	65.43	811.570	63.41
24	815.775	551.8	813.430	243.7 *	812.680	156.0 *	812.060	95.47	811.590	61.63 *	811.520	60.38
25	815.810	618.8	813.250	221.0 *	812.610	148.7 *	812.350	123.2 *	811.570	60.27 *	811.500	55.65 *
26	815.975	749.5	813.200	214.9 *	812.260	114.9 *	812.525	143.3	811.560	63.19	811.490	55.56
27	817.080	918.2 *	813.050	197.0 *	812.020	103.3	812.380	126.0 *	811.540	61.73	811.470	53.93
28	816.470	777.8 *	813.340	235.4	812.280	109.5	812.455	127.1	811.530	60.95	811.450	52.42
29	814.300	409.8	812.995	189.2	812.215	105.8	812.375	124.7	811.680	67.47	811.440	51.82 *
30	813.215	238.4	812.630	147.9	811.900	84.37 *	812.405	125.1	811.750	72.60	811.420	50.78
31			812.410	126.0	812.060	97.40 *			811.650	66.21		
Ten-Daily Mean												
I Ten-Daily	811.277	10.99	812.303	127.0	812.707	184.0	812.202	110.5	812.213	104.0	811.622	64.48
II Ten-Daily	811.592	35.26	813.166	237.1	813.225	218.5	812.018	90.02	811.915	85.06	811.654	68.83
III Ten-Daily	815.350	569.2	813.362	243.8	812.336	120.7	812.318	120.5	811.615	65.12	811.505	57.13
Monthly												
Min.	811.240	9.343	811.970	85.53	811.900	84.37	811.820	70.31	811.530	60.27	811.420	50.78
Max.	817.080	918.2	816.500	784.4	814.080	378.2	813.100	202.3	812.570	130.6	812.455	126.7
Mean	812.740	205.2	812.957	204	812.743	172.7	812.180	107	811.905	84.08	811.594	63.48

Annual Runoff in MCM = 2377 Annual Runoff in mm = 1229

Peak Observed Discharge = 749.5 cumecs on 26/06/2015 Corres. Water Level :815.975 m

Lowest Observed Discharge = 0.264 cumecs on 29/03/2016 Corres. Water Level :810.82 m

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

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

Note:Missing values ignored while arriving at Annual Runoff

Stage-Discharge Data for the period 2015 - 2016

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	811.420	50.56	811.310	31.35	811.150	8.439 *	810.940	1.717	810.860	0.525	810.870	0.488 *
2	811.410	49.20	811.310	30.81	811.140	8.757	810.920	1.097	810.840	0.416	810.860	0.509
3	811.430	51.35	811.300	30.12 *	811.130	8.499	810.910	1.085	810.840	0.474 *	810.850	0.316
4	811.420	50.77	811.300	29.60	811.120	8.885	810.900	1.138	810.840	0.403	810.880	0.682
5	811.410	49.07	811.290	28.61	811.110	7.151	810.900	1.101	810.850	0.508	810.910	0.972 #
6	811.390	45.39 *	811.280	29.14	811.100	6.889	810.900	1.048 *	810.850	0.520	810.910	0.743
7	811.370	44.73	811.290	12.47	811.100	6.527 *	810.900	1.124	810.860	0.566	810.900	0.778
8	811.370	43.83	811.250	12.90	811.100	6.905	810.900	1.011	810.860	0.671 *	810.900	0.833 *
9	811.350	40.83	811.240	11.60	811.090	6.174	810.900	1.048 *	810.870	0.794	810.890	0.744
10	811.340	37.56	811.240	12.35 *	811.090	6.046	810.900	1.048 *	810.870	0.784 *	810.910	0.839
11	811.340	37.75	811.230	12.63	811.080	5.640	810.890	0.836	810.880	0.870	810.930	1.048
12	811.340	37.53	811.230	11.59	811.080	5.821 *	810.880	0.831	810.950	2.666	810.950	1.658 #
13	811.340	36.52 *	811.230	11.44	811.080	5.821 *	810.870	0.578 *	810.950	2.545	810.980	2.585
14	811.330	34.40	811.220	11.08	811.070	5.478 *	810.870	0.703	810.960	2.296 *	810.980	2.579
15	811.330	34.19	811.220	11.43 *	811.050	4.797	810.870	0.668	810.960	1.790	810.970	2.083 *
16	811.350	38.64	811.220	11.29	811.050	4.860	810.870	0.689	810.980	2.885	810.960	1.864 #
17	811.360	38.73	811.210	10.98 *	811.040	4.239	810.860	0.692	810.980	2.760 *	810.960	1.864 #
18	811.340	35.81	811.210	10.59	811.030	3.980	810.850	0.527	810.960	2.365	810.980	2.740
19	811.320	33.16	811.210	10.62	811.030	4.018	810.840	0.558	810.950	1.658 *	811.000	3.467
20	811.350	38.21 *	811.220	11.66	811.010	3.273	810.840	0.474 *	810.930	1.041	811.150	8.431
21	811.370	40.36	811.220	12.05	811.010	3.605 *	810.830	0.390 #	810.920	0.969	811.130	7.709 *
22	811.350	38.48	811.210	12.33	811.000	3.146	810.830	0.483	810.910	0.891	811.120	7.232 *
23	811.350	37.98	811.210	11.77	810.990	2.669	810.830	0.444	810.910	0.827	811.090	5.451
24	811.340	36.52 *	811.200	10.54 *	810.980	2.506	810.830	0.454	810.910	0.972 *	811.070	4.857
25	811.330	34.86 *	811.200	11.54	810.970	2.093	810.830	0.390 *	810.900	0.732	811.060	4.592
26	811.330	33.73	811.190	10.10 *	810.990	2.828	810.830	0.416	810.890	0.692	811.060	4.735 *
27	811.310	31.66 *	811.190	11.17	810.980	2.138	810.820	0.315 *	810.890	0.702	811.040	3.930
28	811.300	29.29	811.190	11.09	810.960	2.293 *	810.820	0.390	810.880	0.640	811.030	3.811
29	811.300	29.43	811.180	10.49	810.950	1.895	810.820	0.264	810.880	0.698	811.070	5.109 *
30	811.300	28.73	811.170	10.01			810.840	0.532	810.870	0.566	811.120	8.063
31	811.310	31.94	811.160	8.842 *			810.860	0.558			811.120	8.080
Ten-Daily Mean												
I Ten-Daily	811.391	46.33	811.281	22.90	811.113	7.427	810.907	1.142	810.854	0.566	810.888	0.690
II Ten-Daily	811.340	36.49	811.220	11.33	811.052	4.793	810.864	0.656	810.950	2.088	810.986	2.832
III Ten-Daily	811.326	33.91	811.193	10.90	810.981	2.575	810.831	0.421	810.896	0.769	811.083	5.779
Monthly												
Min.	811.300	28.73	811.160	8.842	810.950	1.895	810.820	0.264	810.840	0.403	810.850	0.316
Max.	811.430	51.35	811.310	31.35	811.150	8.885	810.940	1.717	810.980	2.885	811.150	8.431
Mean	811.352	38.75	811.230	14.91	811.051	5.013	810.866	0.729	810.900	1.141	810.989	3.187

Peak Computed Discharge = 918.2 cumecs on 27/06/2015 **Corres. Water Level :817.08 m**

Lowest Computed Discharge = 0.315 cumecs on 27/03/2016 **Corres. Water Level :810.82 m**

Q: Observed/Computed Discharge in cumecs

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

*:Computed Discharge

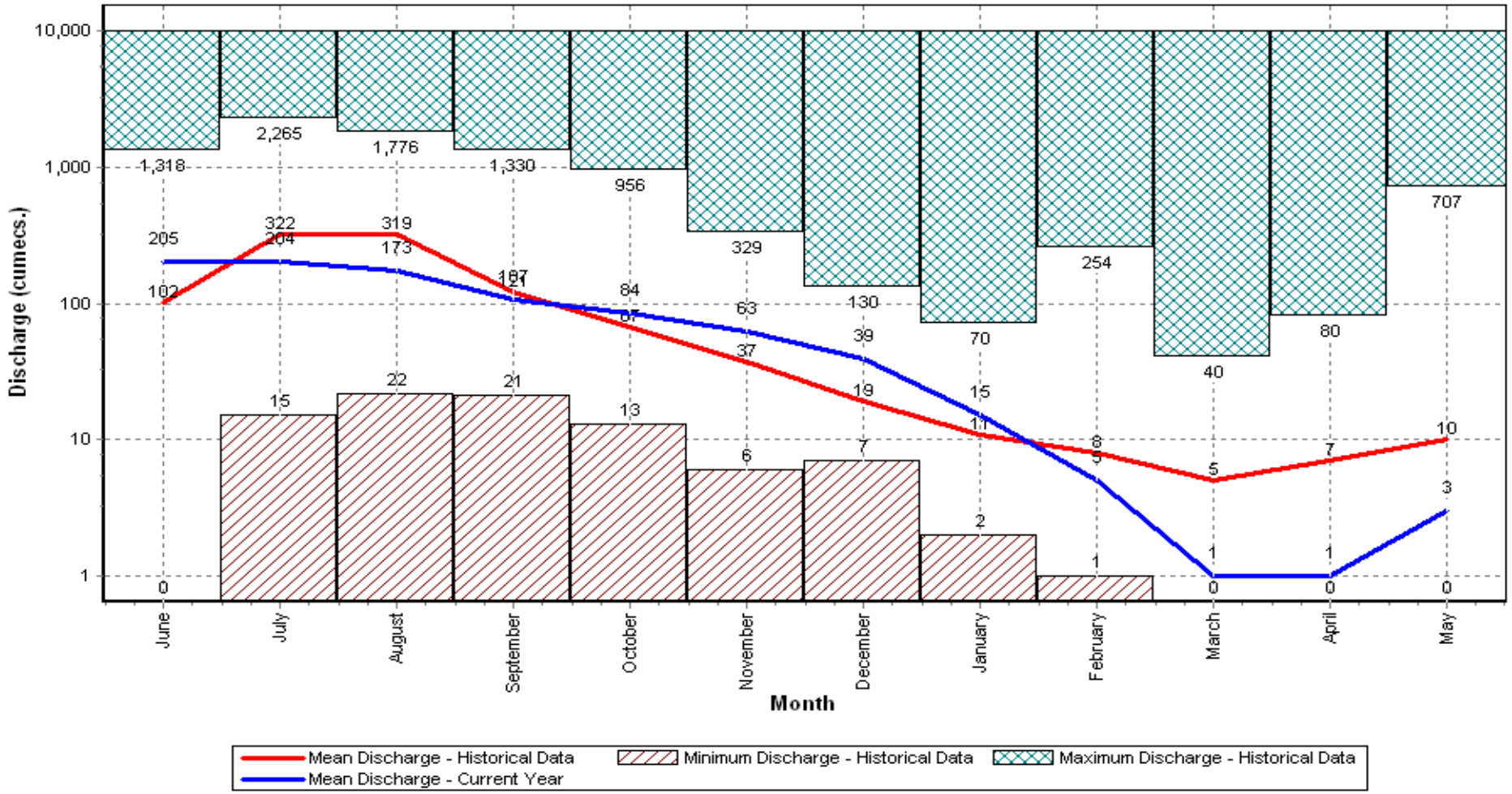
#:Discarded Discharge (values changed as per rating curve)

Note:Missing values ignored while arriving at Annual Runoff

HISTOGRAM - HYDROGRAPH for Water Year : 2015-2016

Station Name : Kudige (CC000Y5) | **Data considered : 1974-2016** | **Division : Cauvery Division, Bangalore**

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



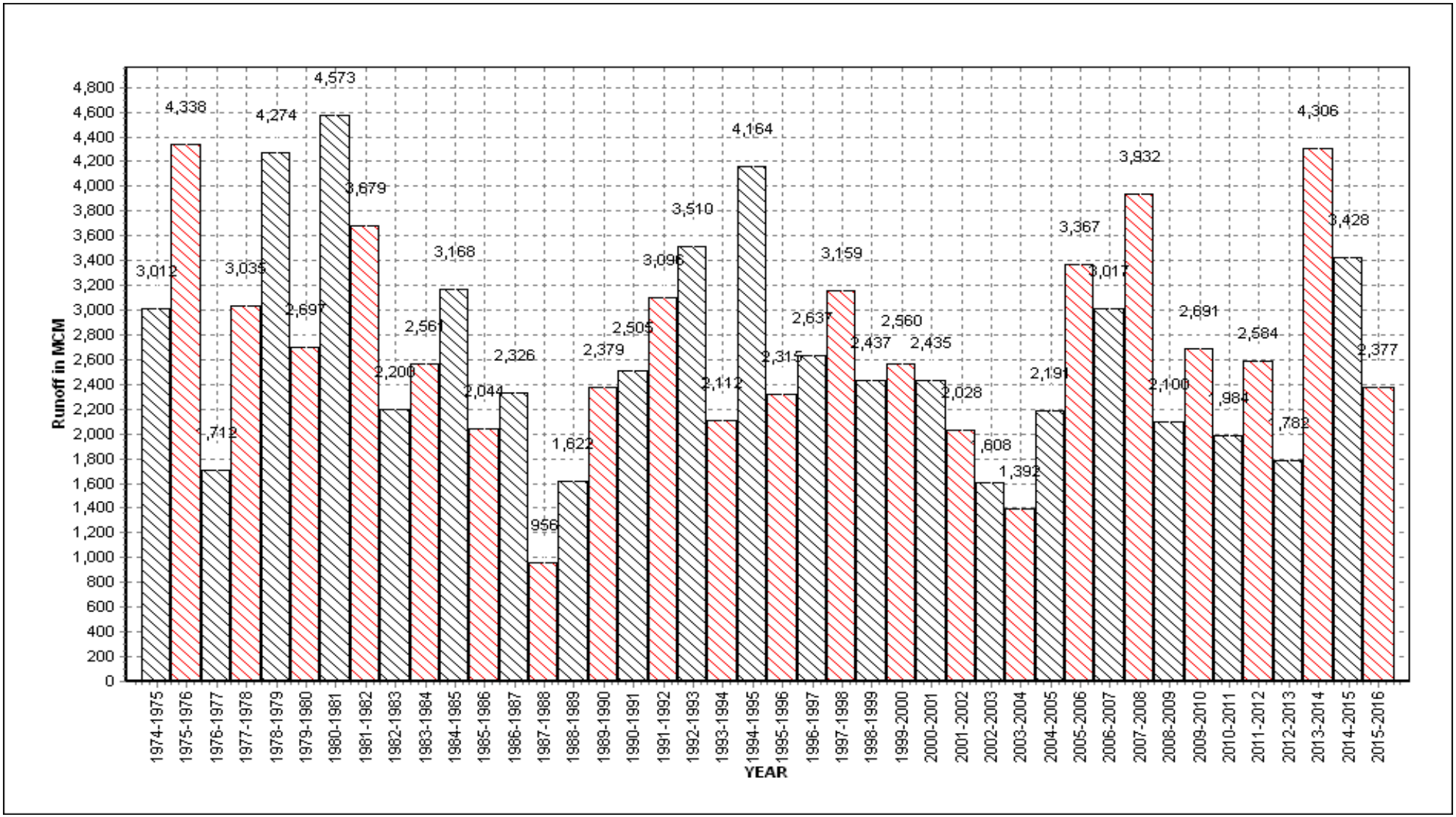
Annual Runoff Values for the period: 1974 - 2016

Station Name : Kudige (CC000Y5)

Division : Cauvery Division, Bangalore

Local River : Cauvery

Sub-Division : Upper Cauvery SD, Bangalore

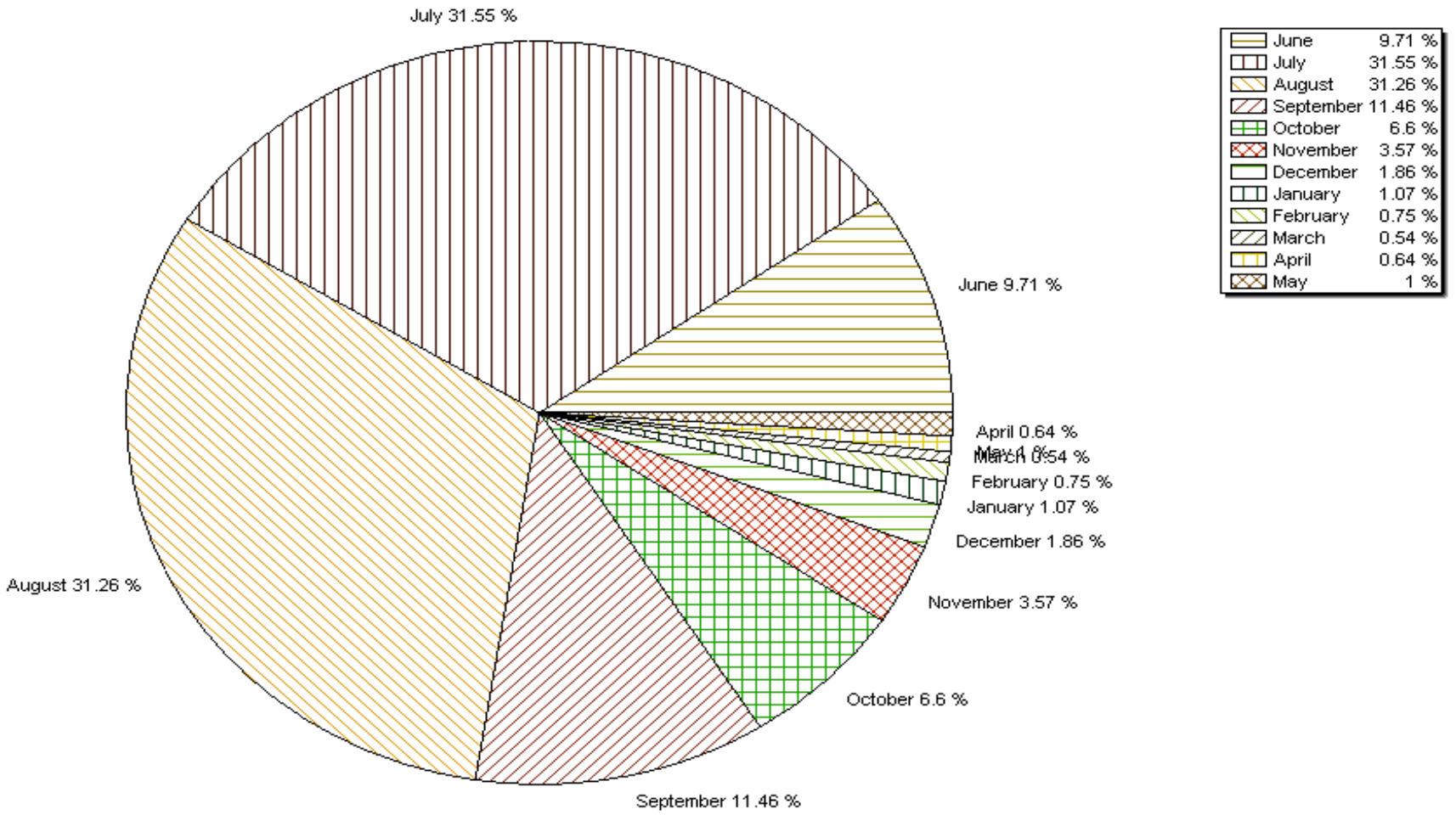


Note: Missing values have not been considered while arriving at Annual Runoff

Monthly Average Runoff based on period : 1974-2015

Station Name : Kudige (CC000Y5)
Local River : Cauvery

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



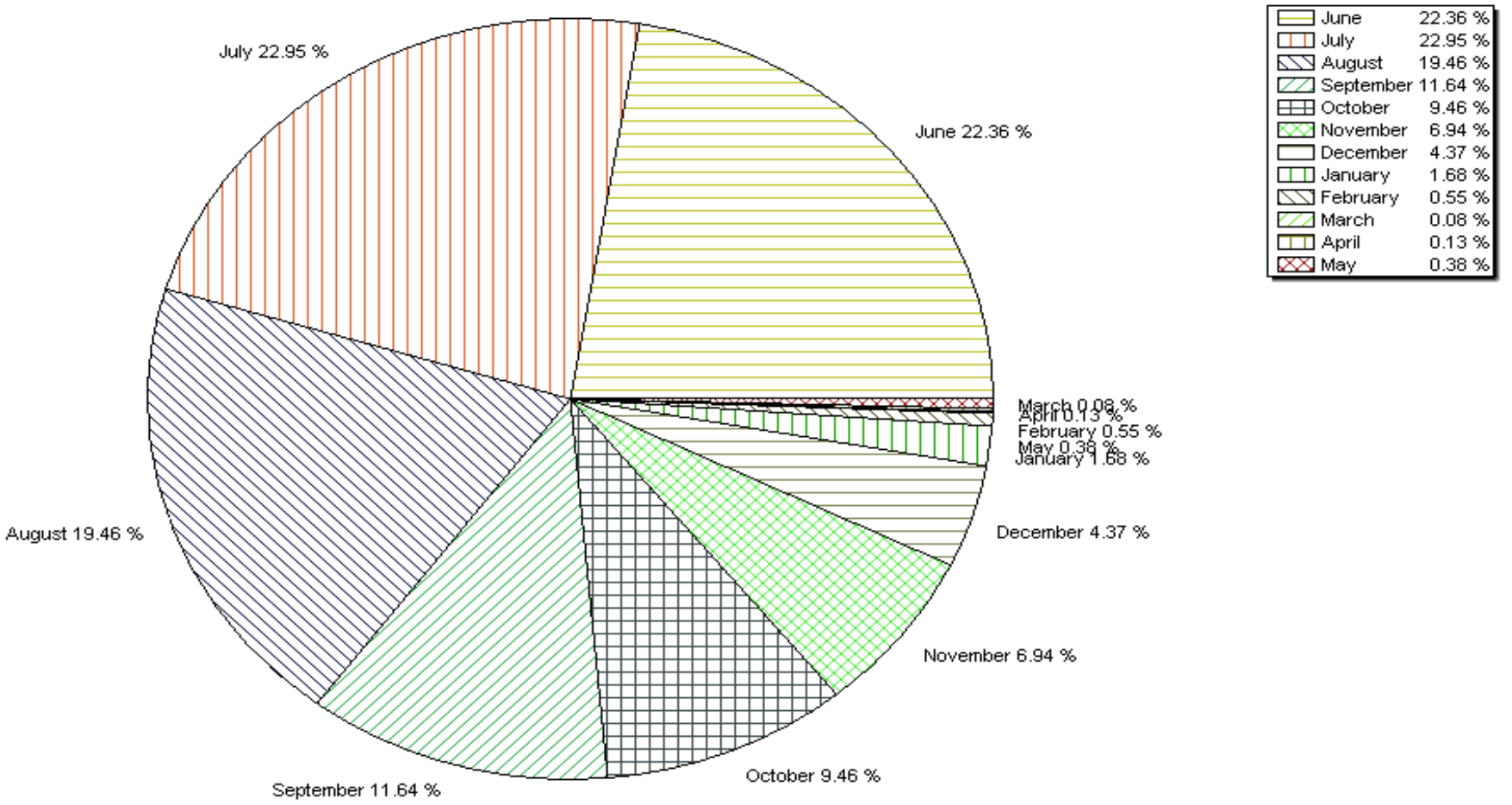
Monthly Runoff for the Year : 2015-2016

Station Name : Kudige (CC000Y5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

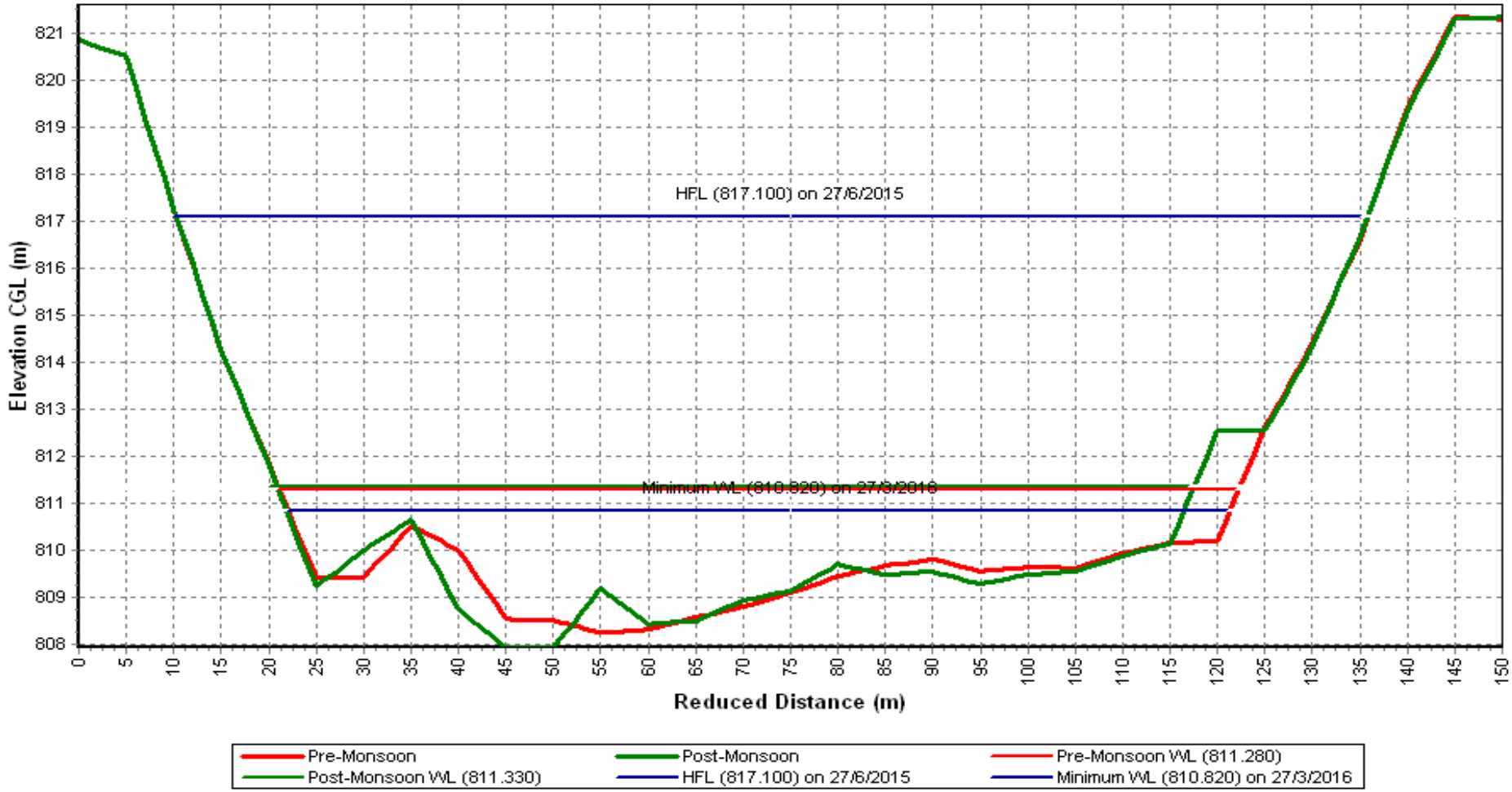
Sub-Division : Upper Cauvery SD, Bangalore



Pre-Monsoon & Post-Monsoon X-Section for Water Year : 2015-2016

Station Name : Kudige (CC000Y5)
Local River : Cauvery

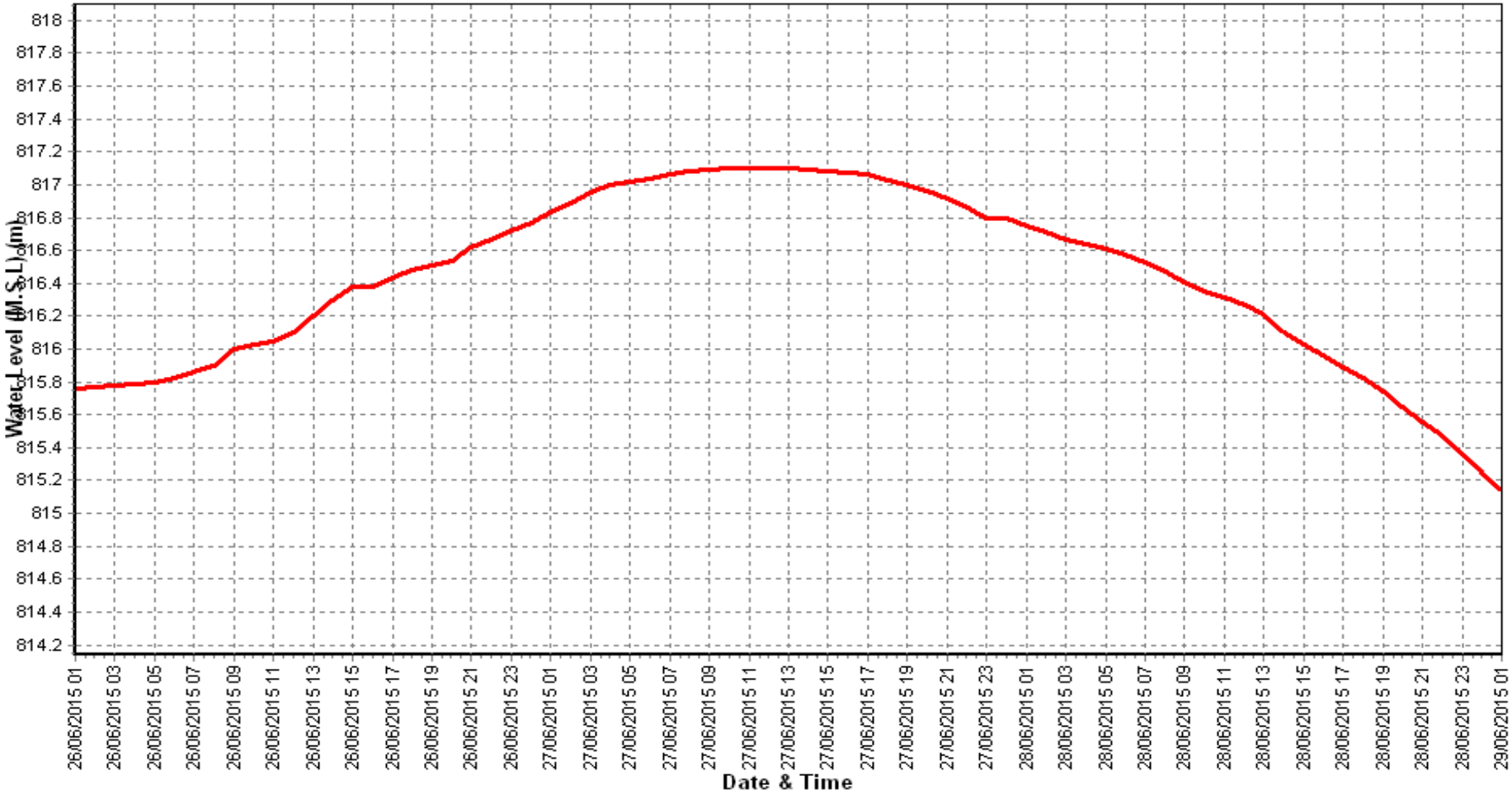
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Water Level vs. Time - Graph of Highest Flood Peak during the Year : 2015-2016

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

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

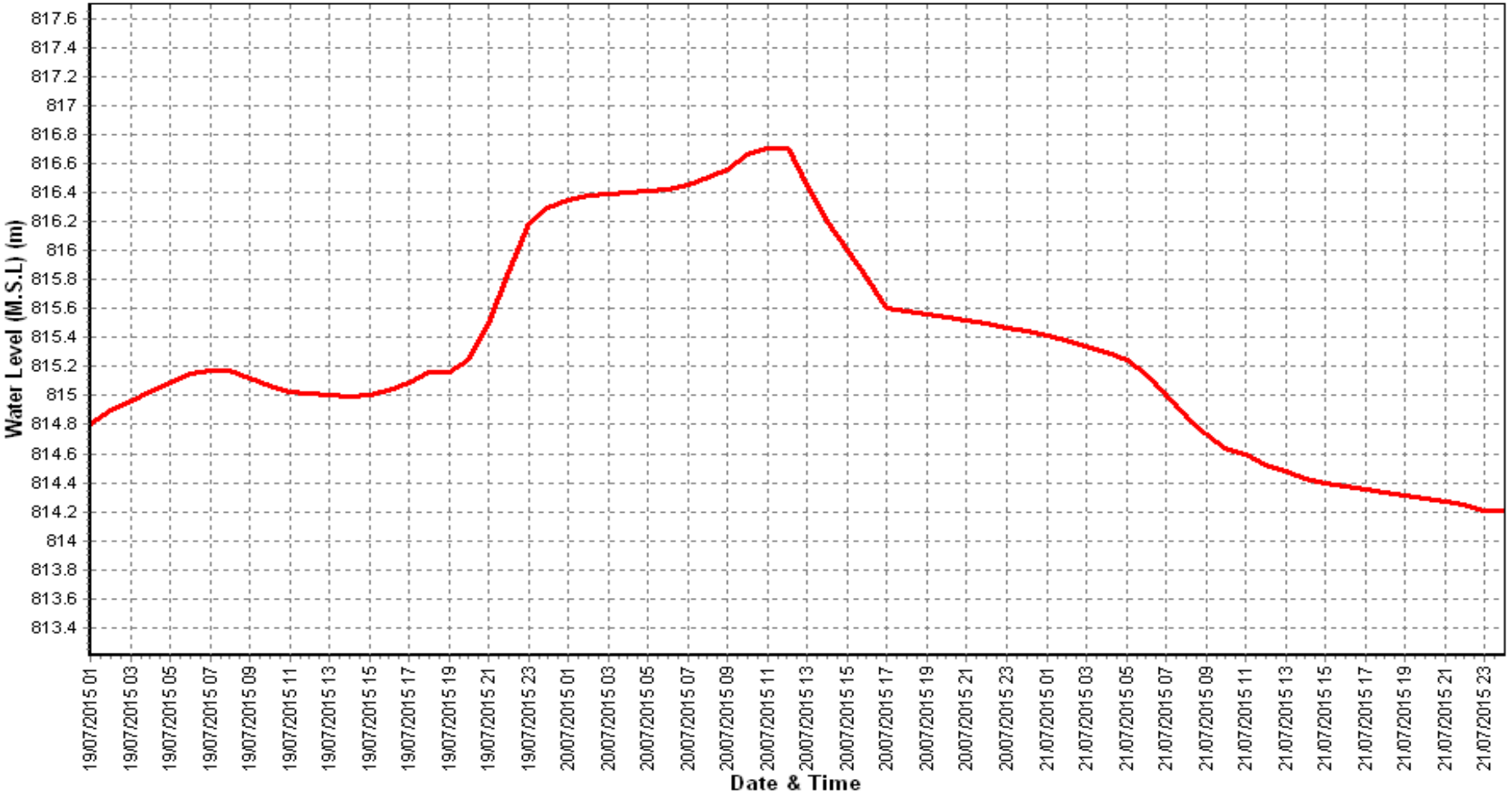


Time Span: 72 Hrs

Water Level vs. Time - Graph of 2nd Highest Flood Peak during the Year : 2015-2016

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

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

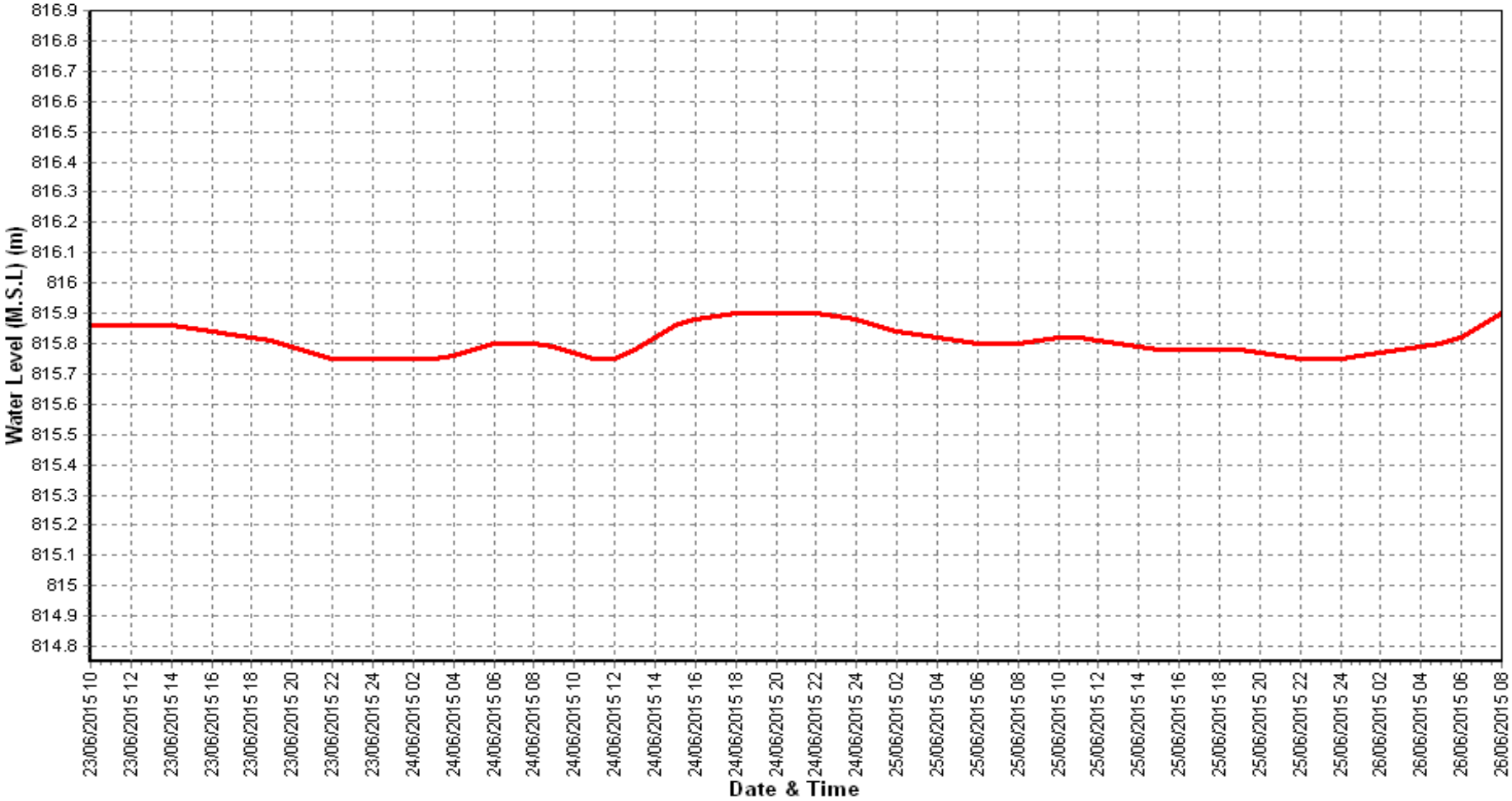


Time Span: 72 Hrs

Water Level vs. Time - Graph of 3rd Highest Flood Peak during the Year : 2015-2016

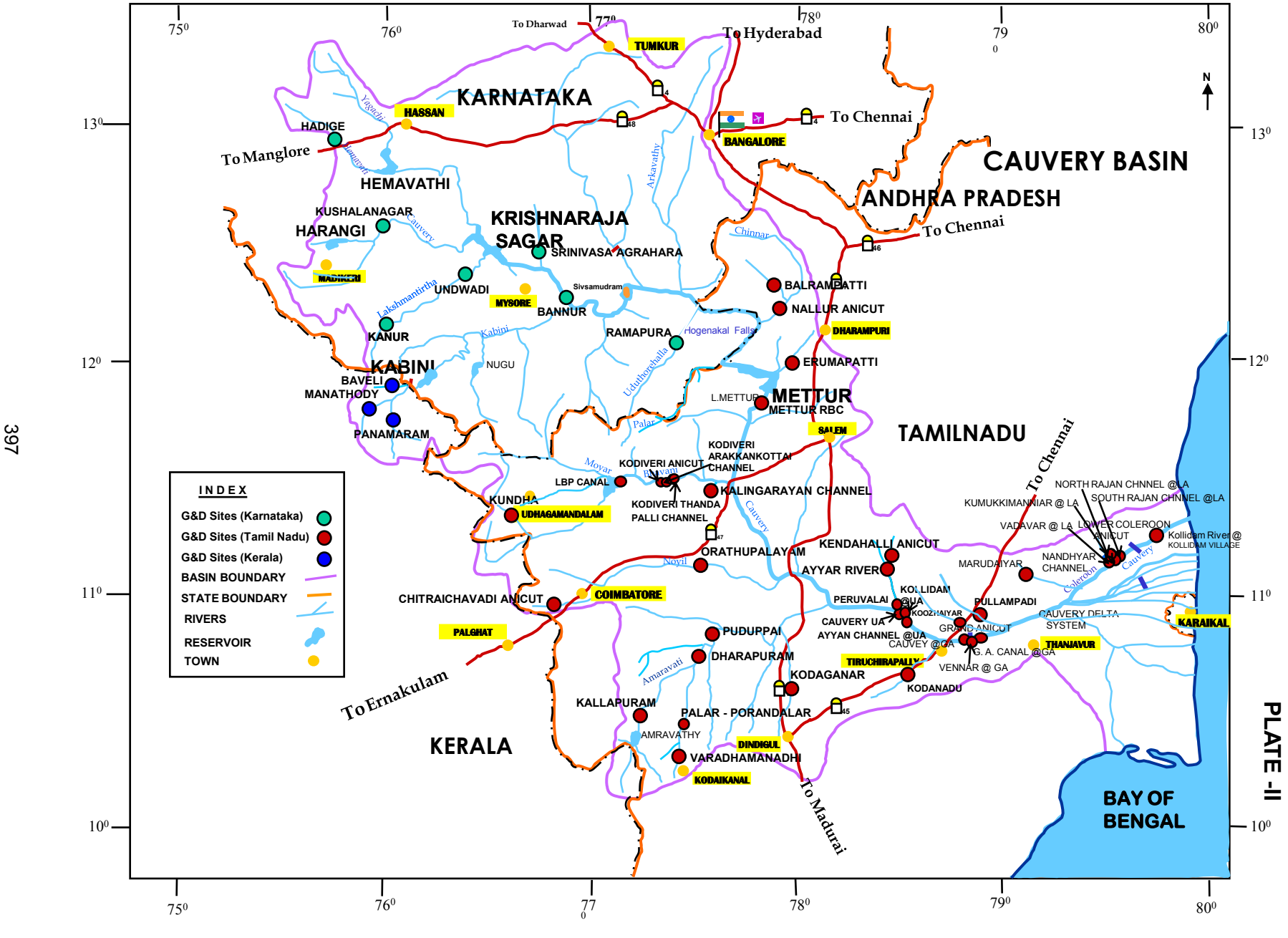
Station Name : Kudige (CC000Y5) **Division : Cauvery Division, Bangalore**

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



Time Span: 72 Hrs

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



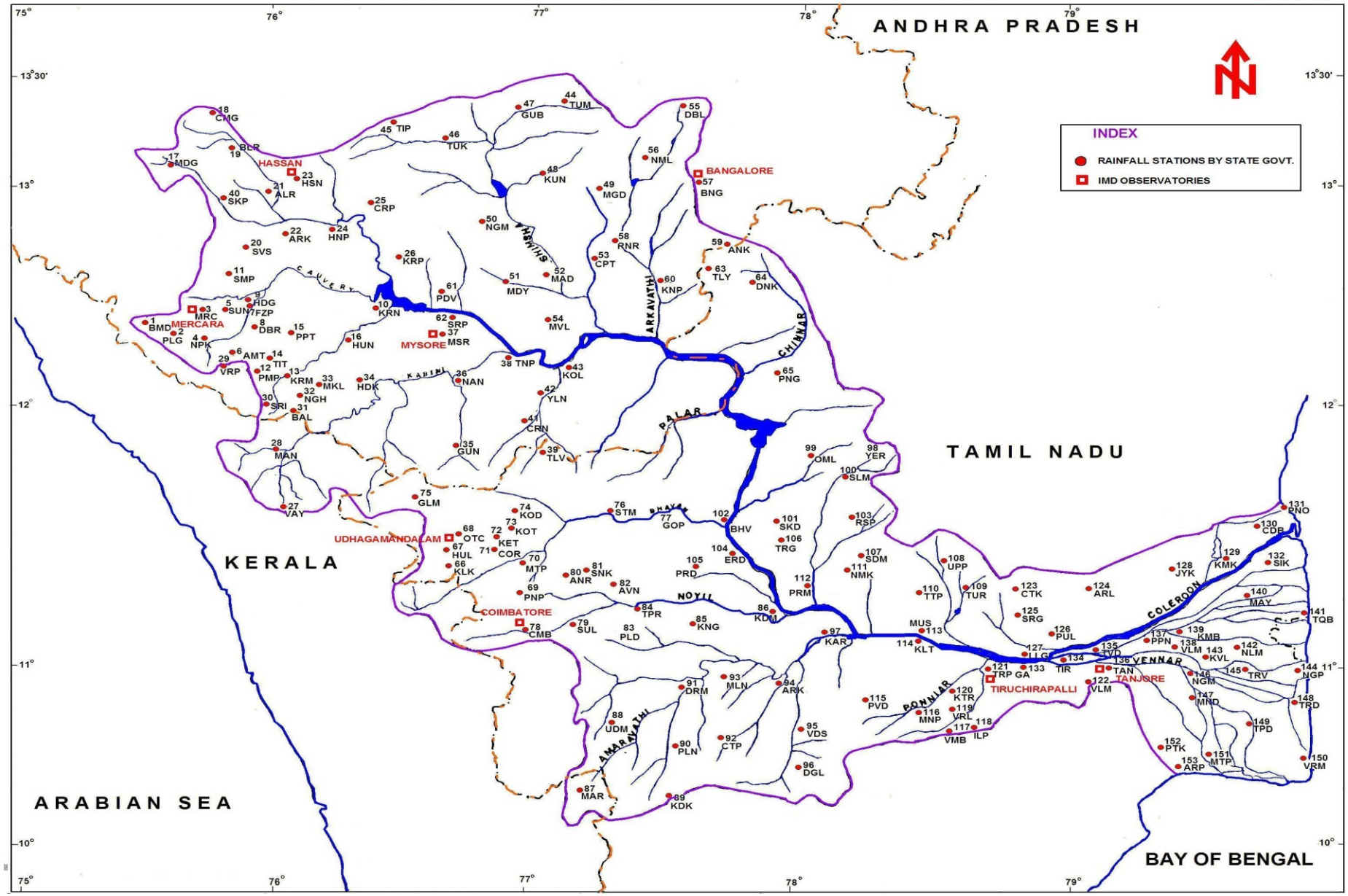
Annexure – III

List of G&D Stations in Cauvery Basin being operated by the Governments of Tamil Nadu, Karnataka & Kerala

TAMILNADU		KARNATAKA	KERALA
1. Kendahalli anicut	26. Peruvalai	1. Hadige	1. Manathody
2. Balrampatti	27. Pullampadi	2. Srinivasa Agrahara	2. Panamaram
3. Nallur Anicut	28. Vennar @ Grand Anicut	3. Undwadi	3. Baveli
4. Erumapatti	29. Marudaiyar	4. Kannor	4. Vzhavatta
5. Mettur RBC	30. Kumukkimanniar @ L.A	5. Bannur	5. Kakkavagal
6. Kallapuram	31. North Rajan channel @ L.A	6. Ramapura	6. Thondar
7. Chitraichavadi Anicut	32. South Rajan channel @ L.A	7. Kushal nagar	7. Marakkadavu
8. Varadhamanadhi	33. Vadavar @ L.A		8. Kelothkadave
9. Dharapuram	34. Kollidam River at Kollidam village		9. Muthanga
10. Puduppai	35. Kodaganar		10. Begur
11. Kalingarayan channel	36. Palar - Porandalar		11.Vythiri
12. Kodiveri Anicut			12. Chittoor(Attappady)
13. Kodiveri Arakkankottai Chanl			13. Kalkandiyur
14. Kodiveri Thandapalli Chanl			14. Kovilkkadave
15. LBP Canal			
16. Orathupalayam			
17. Kundha			
18. Ayyan channel @ UA			
19. Ayyar river			
20. Cauvery @ GA			
21. Cauvery UA			
22. G.A. Canal @ GA			
23. Kodanadu			
24. Kollidam @ UA			
25. Koozhaiyar			

BASIN MAP SHOWING STATE GOVT. RAINFALL STATIONS & IMD OBSERVATORIES IN CAUVERY BASIN

PLATE-III



ANNEXURE-IV

RAIN GAUGE STATIONS IN CAUVERY BASIN

Serial Number	Station	District	Latitude	Longitude	Abrivation.
1	2	3	4	5	6
1	Bhagamandala	Coorg	12-33	75-31	BMD
2	Pulingoth	Coorg	12-20	78-34	PLG
3	Mercara	Coorg	12-25	75-44	MRC
4	Napoklu	Coorg	12-18	75-41	NPK
5	Sunticoopa	Coorg	12-27	75-50	SUN
6	Ammathi	Coorg	12-14	75-51	AMT
7	Fraserpet	Coorg	12-27	75-58	FZP
8	Dubare	Coorg	12-22	75-55	DBR
9	Hudugur	Coorg	12-29	75-56	HDG
10	K.R.Nagar	Mysore	12-16	76-25	KRN
11	Somvarpet	Coorg	12-36	75-51	SMP
12	Poonampet	Coorg	12-09	75-56	PMP
13	Karmad	Coorg	12-07	76-04	KRM
14	Thitimati	Coorg	12-13	76-00	TIT
15	Periyapatna	Mysore	12-20	76-06	PPT
16	Hunsur	Mysore	12-18	76-08	HUN
17	Mudigere	Chikmagalur	13-20	75-46	MDG
18	Chikmagalur	Chikmagalur	13-20	75-46	CMG
19	Belur	Hassan	12-10	75-51	BLR
20	Sanivrasarthi	Coorg	12-49	75-54	SVS
21	Alur	Hassan	12-58	75-59	ALR
22	Arkalgud	Hassan	12-46	76-03	ARK
23	Hassan	Hassan	13-00	76-09	HSN
24	Holenarsipur	Hassan	12-47	76-14	HNP
25	Chanarayapatna	Hassan	12-54	76-23	CRP
26	K.R.Pet	Mandya	12-40	76-29	KRP
27	Vyathiri	Kozikode	11-33	76-02	VAY
28	Manonthody	Cannanoor	11-48	76-01	NAN
29	Virajpet	Coorg	12-11	75-48	VRP
30	Srimangala	Coorg	12-01	45-59	SRI
31	Balecove	Coorg	11-59	76-05	BAL
32	Nagarhole	Coorg	12-02	76-07	NGH
33	Murkhal	Coorg	12-06	76-10	MKL
34	H.D.Kote	Mysore	12-05	76-20	HDK
35	Gundelpet	Mysore	11-48	76-41	GUN
36	Nanjungud	Mysore	12-08	76-41	NAN
37	Mysore	Mysore	12-18	76-42	MSR
38	T.Narsipur	Mysore	11-30	76-30	TNP
39	Talavadi	Coimbatore	11-55	76-56	TLV
40	Sakleshpur	Hassan	12-57	75-47	SKP

Serial Number	Station	District	Latitude	Longitude	Abrivation
1	2	3	4	5	6
41	Chamarajnagar	Mysore	11-55	76-55	CRN
42	Yelandur	Mysore	12-03	77-02	YLN
43	Kollegal	Mysore	12-07	77-07	KLG
44	Tumkur	Tumkur	13-31	77-06	TUM
45	Tiptur	Tumkur	13-17	76-27	TIP
46	Thurvekere	Tumkur	13-10	76-40	TUK
47	Gubbi	Tumkur	13-19	76-56	GUB
48	Kunigal	Tumkur	13-01	77-01	KUN
49	Magadi	Bangalore	12-57	77-13	MGD
50	Nagamangala	Mandya	12-49	76-45	MGN
51	Mandya	Mandya	12-32	76-53	MDY
52	Maddur	Mandya	12-36	77-02	MAD
53	Chanapattana	Bangalore	12-33	77-12	CPT
54	Malvalli	Mandya	12-23	77-04	MVL
55	Dodbalallpura	Bangalore	13-17	77-33	DBL
56	Nelmangala	Bangalore	13-06	77-24	NML
57	Bangalore	Bangalore	12-58	77-35	BNG
58	Ramnagaram	Bangalore	12-43	77-17	RNR
59	Anekal	Bangalore	12-42	77-41	ANK
60	Kanakapura	Bangalore	12-33	77-25	KNP
61	Pandavapura	Mandya	12-30	76-40	PDV
62	Sringapatna	Mandya	12-25	76-41	SRP
63	Thally	Salem	12-35	77-39	TLY
64	Denkanikota	Salem	12-32	77-47	DNK
65	Pennagaram	Salem	12-08	77-44	PNG
66	Kailkundah	Niligiris	11-16	76-39	LK
67	Hullatty	Niligiris	11-23	76-39	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

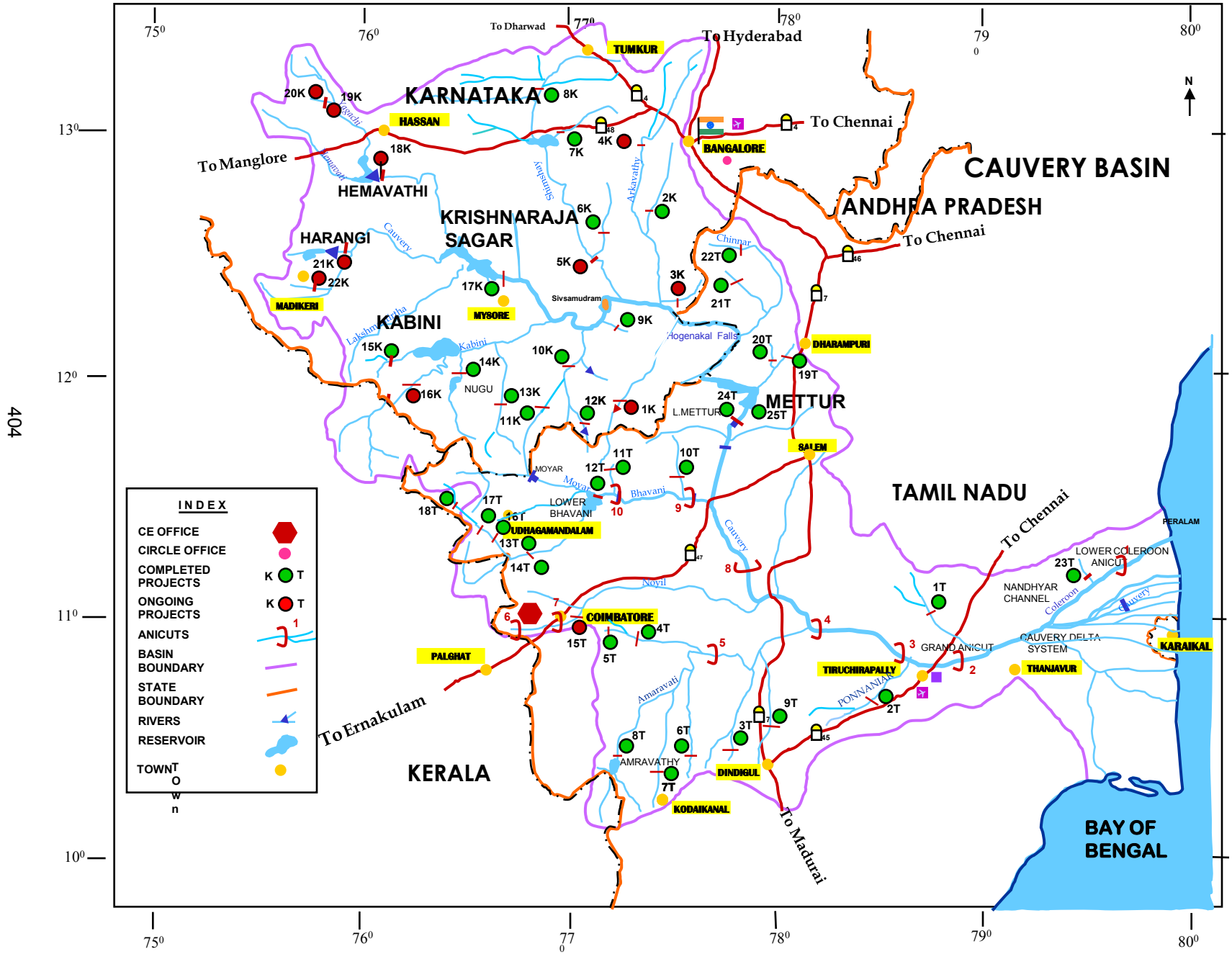
Serial Number	Station	District	Latitude	Longitude	Abrivation
1	2	3	4	5	6
82	Avanashi	Coimbatore	11-12	77-17	AVN
83	Palladam	Coimbatore	10-59	77-18	PLD
84	Thiruppur	Coimbatore	11-06	77-21	TPR
85	Kangayam	Coimbatore	11-00	77-34	KNG
86	Kodiumudi	Coimbatore	11-00	77-32	KDM
87	Marayur	Kottayam	10-16	77-00	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



ANNEXURE - V

DETAILS OF MAJOR AND MEDIUM IRRIGATION PROJECTS IN CAUVERY BASIN KARNATAKA

SL. NO.	Prj. No/	Name of the Project	River	Status	Storage Gross (Mm ^{3})	Capacity Live (Mm ^{3})
1	2	3	4	5	6	7
01	1K	Uduthorehalla	Uduthorehalla	On going	18.97	15.15
02.	2K	Byramangala	Swarnamukhi	Completed	22.14	21.95
03.	3K	Arkavathi	Arkavathi	On going	44.94	40.49
04.	4K	Manchanabele	Arkavathi	On going	34.60	30.04
05.	5K	Iggalur Barrage	Shimsha	On going	5.15	3.03
06.	6K	Kanva	Kanva	Completed	22.88	22.77
07.	7K	Mangala	Mangala	Completed	8.21	6.80
08.	8K	Marconahalli	Shimsha	Completed	67.96	64.00
09.	9K	Gundal	Gundal	Completed	27.44	23.22
10.	10K	Hebballa	Hebballa	Completed	11.98	10.79
11.	11K	Chikkahole	Chikkahole	Completed	10.64	10.53
12.	12K	Suvarnavathi	Suvarnavathi	Completed	35.65	35.60
13.	13K	Nallur Amnikere	Gundlu	Completed	6.54	5.89
14.	14K	Nugu	Nugu	Completed	154.00	138.55
15.	15K	Taraka	Taraka	Completed	111.57	90.75
16.	16K	Kabini	Kabini	On going	552.74	453.06
17.	17K	K.R.Sagara	Cauvery	Completed	1400.35	1275.69
18.	18K	Hemavathi	Hemavathi	On going	1050.62	1012.60
19.	19K	Votehole	Votehole	On going	42.76	38.68
20	20K	Yagachi	Yagachi	On going	101.97	92.57
21.	21K	Harangi	Harangi	On going	240.69	228.60
22	22K	Chiklihole	Chiklihole	On going	5.10	4.72

ANNEXURE – V

(Continued)

DETAILS OF MAJOR AND MEDIUM IRRIGATION PROJECTS IN CAUVERY BASIN

TAMILNADU

SL. NO	Prj. No/	Name of the Project	River	Status	Storage Gros	Capacity Live (Mm^3)
01.	1T	Uppar (Trichy Dist.)	Uppar	Completed	2.265	--
02	2T	Ponnaniar	Ponnaniar	Completed	3.40	--
03.	3T	Parappalar	Parappalar	Completed	5.60	--
04.	4T	Vattamalaikari Odai	Vattamalaikari	Completed	7.59	--
05.	5T	Uppar (Periyar Dist)	Uppar	Completed	16.31	14.92
06.	6T	Varadhamanadi	Varadhamanadi	Completed	3.06	--
07.	7T	Palar -Paramdalar	Palar -	Completed	--	43.19
08.	8T	Amaravathi	Amaravathi	Completed	114.6	112.37
09.	9T	Kodaganar	Amaravathi	Completed	--	12.30
10.	10T	Varattupallam	Varattupallam	Completed	3.94	--
11	11T	Gunderipallam	Gunderipallam	Completed	3.06	--
12	12T	Lower Bhavani	Bhavani	Completed	928.8	907.80
13	13T	Pillur	Bhavani	Completed	44.40	34.97
14	15T	Orathupalayam,	Noyal	On Going	--	17.45
15	16T	Avalanche &	Bhavani	Completed	156.2	152.80
16	17T	Emerald or	Bhavani	Completed	50.98	50.17
17	18T	Pykara	Bhavani	Completed	56.80	55.22
18	19T	Thoppiar	Thoppiar	Completed	8.456	--
19	20T	Nagavathi	Nagavathi	Completed	4.65	--
20	21T	Kesarigullihalla	Kesarigullihalla	Completed	3.80	--
21	22T	Chinnar	Chinnar	Completed	14.15	13.98
22	23T	Siddhamalli	Siddhamalli Odai	Completed	6.422	--
23	24T	Lower Mettur	Cauvery	Completed	--	--
		Projects I, II, III, IV				
24	25T	Mettur	Cauvery	Completed	2708.	2646.7

ANNEXURE – V
(Continued)

ANICUTS IN TAMILNADU

01.	Lower Colleron Anicut	Colleron	Completed
02.	Grand Anicut	Cauvery	Completed
03.	Upper Anicut	Cauvery	Completed
04.	Kattalai Regulator	Cauvery	Completed
05.	Pallipalayam Anicut	Cauvery	Completed
06.	Chitra Chavadi Anicut	Noyyal	Completed
07.	Kuntamathur Anicut	Noyyal	Completed
08.	Jedarapalayam Anicut	Cauvery	Completed
09.	Kalingarayan Anicut	Bhavani	Completed
10.	Kodivary Anicut	Bhavani	Completed

SOURCE:- "Storage in River Basin of India" a Central Water Commission Publication (1990)

(केवल कार्यालय उपयोग हेतु)
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वार्षिक जल पुस्तिका
WATER YEAR BOOK
(जून 2015 – मई 2016)
(JUNE 2015– MAY 2016)
कावेरी बेसिन
CAUVERY BASIN
निलंबित गाद आँकड़ा
Suspended Sediment Data



कावेरी एवं दक्षिणी नदियाँ परिमण्डल, बेंगलूरु
CAUVERY & SOUTHERN RIVERS CIRCLE, BENGALURU
कावेरी एवं दक्षिणी नदियाँ संगठन, कोयंबतूर
CAUVERY & SOUTHERN RIVERS ORGANISATION, COIMBATORE
मार्च – 2017
MARCH – 2017

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Annual Sediment Load for period : 2004-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	0.400	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.081	0.000	0.000	0.002	0.002	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	0.786	0.000	0.000	0.011	0.011	1
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.869	0.000	0.000	0.010	0.010	1
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	7.036	0.000	0.000	0.015	0.015	9
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	14.39	0.000	0.000	0.005	0.005	6
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	11.23	0.000	0.000	0.005	0.005	5
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	8.481	0.000	0.000	0.004	0.004	3
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	3.196	0.000	0.000	0.005	0.005	1
31							0.000	0.000	0.000	0.000	0.000	0	1.572	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	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.048	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
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	4.323	0.000	0.000	0.005	0.005	2
Monthly																		
Total						0						0						26

Annual Sediment Load (Metric Tonnes) : 1682

Daily Observed Sediment Datasheet for period : 2015-2016

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	0.948	0.000	0.000	0.009	0.009	1	0.524	0.000	0.000	0.011	0.011	0	9.407	0.000	0.000	0.022	0.022	18
2	2.106	0.000	0.000	0.005	0.005	1	1.252	0.000	0.000	0.008	0.008	1	8.811	0.000	0.000	0.021	0.021	16
3	2.366	0.000	0.000	0.004	0.004	1	1.770	0.000	0.000	0.006	0.006	1	12.09	0.000	0.000	0.015	0.015	15
4	0.993	0.000	0.000	0.008	0.008	1	2.131	0.000	0.000	0.006	0.006	1	7.871	0.000	0.000	0.028	0.028	19
5	1.230	0.000	0.000	0.006	0.006	1	3.279	0.000	0.000	0.004	0.004	1	11.16	0.000	0.000	0.024	0.024	23
6	1.624	0.000	0.000	0.008	0.008	1	8.896	0.000	0.000	0.011	0.011	8	12.03	0.000	0.000	0.015	0.015	15
7	1.365	0.000	0.000	0.000	0.000	0	8.640	0.000	0.000	0.006	0.006	4	11.66	0.000	0.000	0.015	0.015	15
8	1.694	0.000	0.000	0.001	0.001	0	8.872	0.000	0.000	0.007	0.007	6	14.39	0.000	0.000	0.015	0.015	19
9	1.236	0.000	0.000	0.006	0.006	1	4.629	0.000	0.000	0.007	0.007	3	20.92	0.000	0.000	0.016	0.016	29
10	1.968	0.000	0.000	0.001	0.001	0	3.177	0.000	0.000	0.005	0.005	1	33.75	0.000	0.000	0.014	0.014	41
11	1.918	0.000	0.000	0.005	0.005	1	2.952	0.000	0.000	0.005	0.005	1	28.89	0.000	0.000	0.013	0.013	31
12	1.246	0.000	0.000	0.006	0.006	1	3.295	0.000	0.000	0.009	0.009	3	20.95	0.000	0.000	0.013	0.013	23
13	0.960	0.000	0.000	0.003	0.003	0	2.810	0.000	0.000	0.005	0.005	1	12.64	0.000	0.000	0.015	0.015	16
14	0.744	0.000	0.000	0.001	0.001	0	2.859	0.000	0.000	0.006	0.006	2	11.27	0.000	0.000	0.036	0.036	35
15	0.327	0.000	0.000	0.000	0.000	0	4.989	0.000	0.000	0.006	0.006	3	16.37	0.000	0.000	0.030	0.030	42
16	0.180	0.000	0.000	0.008	0.008	0	3.463	0.000	0.000	0.005	0.005	1	25.97	0.000	0.000	0.019	0.019	43
17	0.104	0.000	0.000	0.005	0.005	0	4.201	0.000	0.000	0.004	0.004	1	21.88	0.000	0.000	0.012	0.012	23
18	0.797	0.000	0.000	0.037	0.037	3	4.629	0.000	0.000	0.004	0.004	2	14.94	0.000	0.000	0.014	0.014	18
19	3.398	0.000	0.000	0.020	0.020	6	3.369	0.000	0.000	0.004	0.004	1	10.21	0.000	0.000	0.016	0.016	14
20	1.904	0.000	0.000	0.012	0.012	2	4.057	0.000	0.000	0.010	0.010	3	7.651	0.000	0.000	0.021	0.021	14
21	1.643	0.000	0.000	0.011	0.011	2	2.088	0.000	0.000	0.012	0.012	2	6.275	0.000	0.000	0.024	0.024	13
22	1.498	0.000	0.000	0.006	0.006	1	1.752	0.000	0.000	0.012	0.012	2	10.48	0.000	0.000	0.023	0.023	21
23	3.072	0.000	0.000	0.006	0.006	2	1.814	0.000	0.000	0.012	0.012	2	37.01	0.000	0.000	0.018	0.018	56
24	3.001	0.000	0.000	0.006	0.006	2	2.189	0.000	0.000	0.014	0.014	3	33.09	0.000	0.000	0.011	0.011	33
25	0.412	0.000	0.000	0.011	0.011	0	1.661	0.000	0.000	0.011	0.011	2	23.14	0.000	0.000	0.019	0.019	37
26	0.248	0.000	0.000	0.012	0.012	0	2.269	0.000	0.000	0.014	0.014	3	14.91	0.000	0.000	0.025	0.025	32
27	0.157	0.000	0.000	0.012	0.012	0	3.202	0.000	0.000	0.013	0.013	4	11.38	0.000	0.000	0.038	0.038	38
28	0.125	0.000	0.000	0.012	0.012	0	2.676	0.000	0.000	0.012	0.012	3	10.29	0.000	0.000	0.032	0.032	28
29	0.132	0.000	0.000	0.012	0.012	0	3.172	0.000	0.000	0.005	0.005	1	7.965	0.000	0.000	0.025	0.025	17
30	0.121	0.000	0.000	0.012	0.012	0	3.911	0.000	0.000	0.005	0.005	2	10.52	0.000	0.000	0.033	0.033	30
31							7.343	0.000	0.000	0.009	0.009	5						
Ten Daily Mean																		
Ten Daily I	1.553	0.000	0.000	0.005	0.005	1	4.317	0.000	0.000	0.007	0.007	3	14.21	0.000	0.000	0.018	0.018	21
Ten Daily II	1.158	0.000	0.000	0.010	0.010	1	3.662	0.000	0.000	0.006	0.006	2	17.08	0.000	0.000	0.019	0.019	26
Ten Daily III	1.041	0.000	0.000	0.010	0.010	1	2.916	0.000	0.000	0.011	0.011	2	16.51	0.000	0.000	0.025	0.025	31
Monthly																		
Total						25						73						774

Annual Sediment Load (Metric Tonnes) : 1682

Daily Observed Sediment Datasheet for period : 2015-2016

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	18.10	0.000	0.000	0.022	0.022	35	3.105	0.000	0.000	0.017	0.017	5	2.355	0.000	0.000	0.016	0.016	3
2	31.37	0.000	0.000	0.016	0.016	43	3.960	0.000	0.000	0.002	0.002	1	1.418	0.000	0.000	0.015	0.015	2
3	34.09	0.000	0.000	0.016	0.016	46	4.290	0.000	0.000	0.002	0.002	1	1.295	0.000	0.000	0.019	0.019	2
4	33.43	0.000	0.000	0.012	0.012	33	3.327	0.000	0.000	0.004	0.004	1	2.819	0.000	0.000	0.005	0.005	1
5	39.39	0.000	0.000	0.018	0.018	61	2.568	0.000	0.000	0.010	0.010	2	3.334	0.000	0.000	0.005	0.005	1
6	33.98	0.000	0.000	0.013	0.013	38	2.613	0.000	0.000	0.002	0.002	1	5.591	0.000	0.000	0.013	0.013	6
7	31.65	0.000	0.000	0.011	0.011	30	3.536	0.000	0.000	0.001	0.001	0	3.967	0.000	0.000	0.014	0.014	5
8	35.00	0.000	0.000	0.008	0.008	23	3.001	0.000	0.000	0.009	0.009	2	3.772	0.000	0.000	0.014	0.014	4
9	33.08	0.000	0.000	0.012	0.012	34	2.936	0.000	0.000	0.005	0.005	1	2.613	0.000	0.000	0.015	0.015	3
10	28.72	0.000	0.000	0.008	0.008	20	3.757	0.000	0.000	0.005	0.005	2	2.126	0.000	0.000	0.012	0.012	2
11	23.76	0.000	0.000	0.012	0.012	25	7.234	0.000	0.000	0.004	0.004	3	1.797	0.000	0.000	0.015	0.015	2
12	18.21	0.000	0.000	0.013	0.013	20	5.283	0.000	0.000	0.004	0.004	2	2.543	0.000	0.000	0.006	0.006	1
13	12.19	0.000	0.000	0.011	0.011	11	4.237	0.000	0.000	0.000	0.000	0	4.428	0.000	0.000	0.013	0.013	5
14	6.661	0.000	0.000	0.008	0.008	5	3.749	0.000	0.000	0.001	0.001	0	4.020	0.000	0.000	0.012	0.012	4
15	9.063	0.000	0.000	0.015	0.015	12	6.653	0.000	0.000	0.002	0.002	1	4.465	0.000	0.000	0.009	0.009	3
16	4.291	0.000	0.000	0.008	0.008	3	5.661	0.000	0.000	0.013	0.013	6	3.402	0.000	0.000	0.010	0.010	3
17	4.279	0.000	0.000	0.008	0.008	3	4.961	0.000	0.000	0.017	0.017	7	5.266	0.000	0.000	0.009	0.009	4
18	3.365	0.000	0.000	0.024	0.024	7	4.701	0.000	0.000	0.018	0.018	7	3.161	0.000	0.000	0.009	0.009	2
19	3.684	0.000	0.000	0.025	0.025	8	3.981	0.000	0.000	0.008	0.008	3	3.935	0.000	0.000	0.010	0.010	3
20	3.705	0.000	0.000	0.025	0.025	8	5.169	0.000	0.000	0.005	0.005	2	3.589	0.000	0.000	0.009	0.009	3
21	3.613	0.000	0.000	0.025	0.025	8	3.245	0.000	0.000	0.013	0.013	4	3.052	0.000	0.000	0.013	0.013	3
22	2.271	0.000	0.000	0.017	0.017	3	3.756	0.000	0.000	0.008	0.008	3	2.437	0.000	0.000	0.017	0.017	4
23	1.978	0.000	0.000	0.022	0.022	4	6.438	0.000	0.000	0.008	0.008	4	2.581	0.000	0.000	0.011	0.011	2
24	2.490	0.000	0.000	0.024	0.024	5	4.290	0.000	0.000	0.009	0.009	3	3.473	0.000	0.000	0.009	0.009	3
25	1.926	0.000	0.000	0.022	0.022	4	3.219	0.000	0.000	0.009	0.009	2	3.142	0.000	0.000	0.009	0.009	2
26	1.177	0.000	0.000	0.019	0.019	2	2.860	0.000	0.000	0.010	0.010	2	4.559	0.000	0.000	0.009	0.009	4
27	1.644	0.000	0.000	0.026	0.026	4	2.937	0.000	0.000	0.010	0.010	2	3.863	0.000	0.000	0.009	0.009	3
28	1.278	0.000	0.000	0.039	0.039	4	3.245	0.000	0.000	0.009	0.009	3	2.719	0.000	0.000	0.007	0.007	2
29	1.036	0.000	0.000	0.028	0.028	2	2.614	0.000	0.000	0.010	0.010	2	1.884	0.000	0.000	0.006	0.006	1
30	1.319	0.000	0.000	0.024	0.024	3	3.202	0.000	0.000	0.005	0.005	1						
31	2.967	0.000	0.000	0.022	0.022	6	2.223	0.000	0.000	0.018	0.018	3						
Ten Daily Mean																		
Ten Daily I	31.88	0.000	0.000	0.013	0.013	36	3.309	0.000	0.000	0.006	0.006	2	2.929	0.000	0.000	0.013	0.013	3
Ten Daily II	8.920	0.000	0.000	0.015	0.015	10	5.163	0.000	0.000	0.007	0.007	3	3.661	0.000	0.000	0.010	0.010	3
Ten Daily III	1.973	0.000	0.000	0.024	0.024	4	3.457	0.000	0.000	0.010	0.010	3	3.079	0.000	0.000	0.010	0.010	3
Monthly																		
Total						509						77						85

Annual Sediment Load (Metric Tonnes) : 1682

Daily Observed Sediment Datasheet for period : 2015-2016

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

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

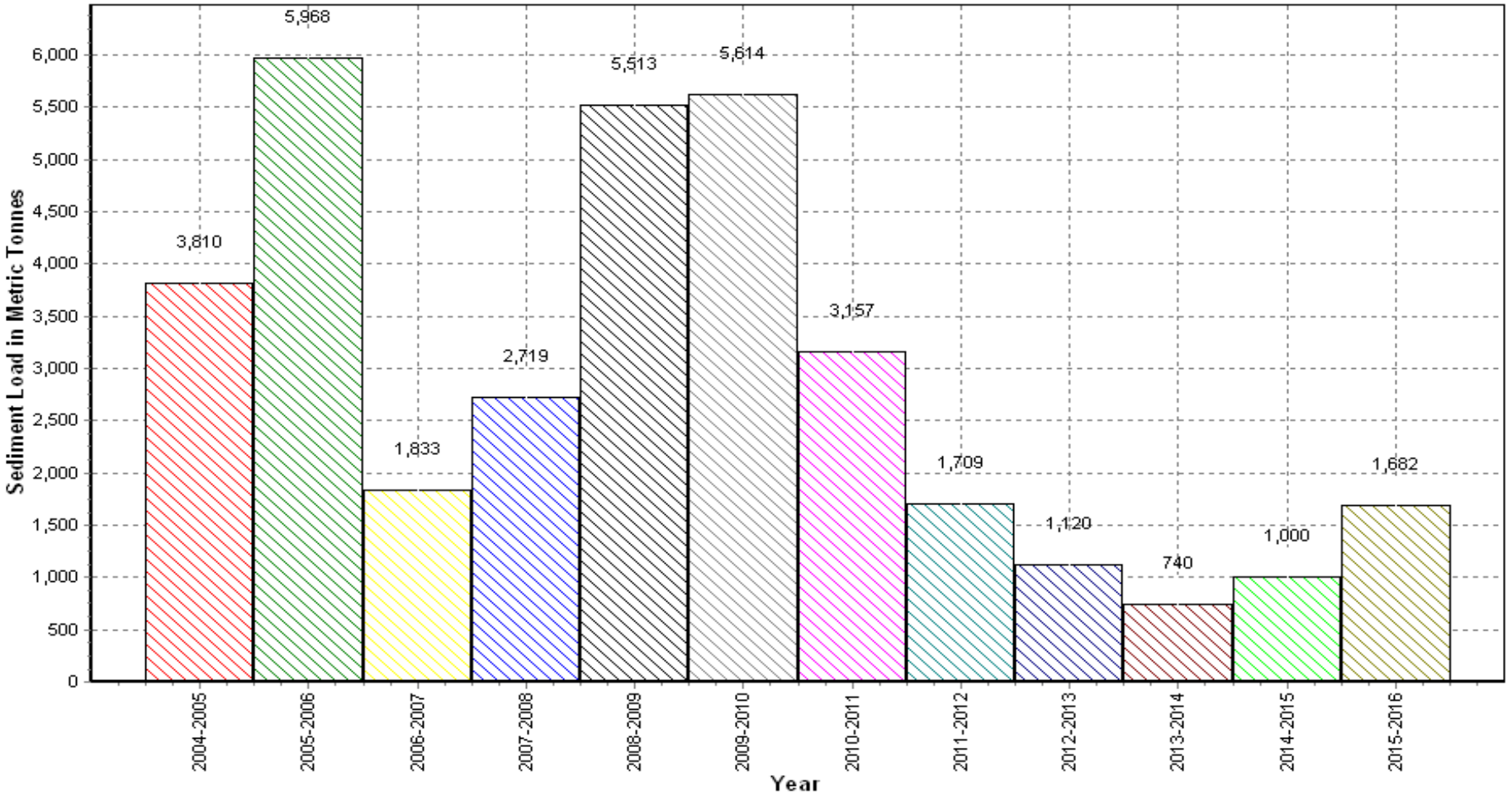
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	1.812	0.000	0.000	0.013	0.013	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	1.478	0.000	0.000	0.008	0.008	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	1.346	0.000	0.000	0.009	0.009	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.924	0.000	0.000	0.009	0.009	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	1.169	0.000	0.000	0.008	0.008	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	1.684	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
7	1.339	0.000	0.000	0.024	0.024	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.833	0.000	0.000	0.029	0.029	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.845	0.000	0.000	0.018	0.018	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.755	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.649	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.618	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.441	0.000	0.000	0.007	0.007	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.360	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.317	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.188	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
17	0.163	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
18	0.147	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0	2.029	0.000	0.000	0.045	0.045	8
19	0.110	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0	1.304	0.000	0.000	0.098	0.098	11
20	0.060	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	3.001	0.000	0.000	0.118	0.118	31
21	0.067	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	3.502	0.000	0.000	0.138	0.138	42
22	0.060	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	1.187	0.000	0.000	0.047	0.047	5
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.413	0.000	0.000	0.016	0.016	1
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.256	0.000	0.000	0.010	0.010	0
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.113	0.000	0.000	0.004	0.004	0
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.029	0.000	0.000	0.001	0.001	0
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.066	0.000	0.000	0.003	0.003	0
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.039	0.000	0.000	0.002	0.002	0
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	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	1.218	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
Ten Daily II	0.305	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0	0.633	0.000	0.000	0.026	0.026	5
Ten Daily III	0.012	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.509	0.000	0.000	0.020	0.020	4
Monthly																		
Total						16						0						97

Annual Sediment Load (Metric Tonnes) : 1682

Annual Sediment Load for the period: 2004-2016

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

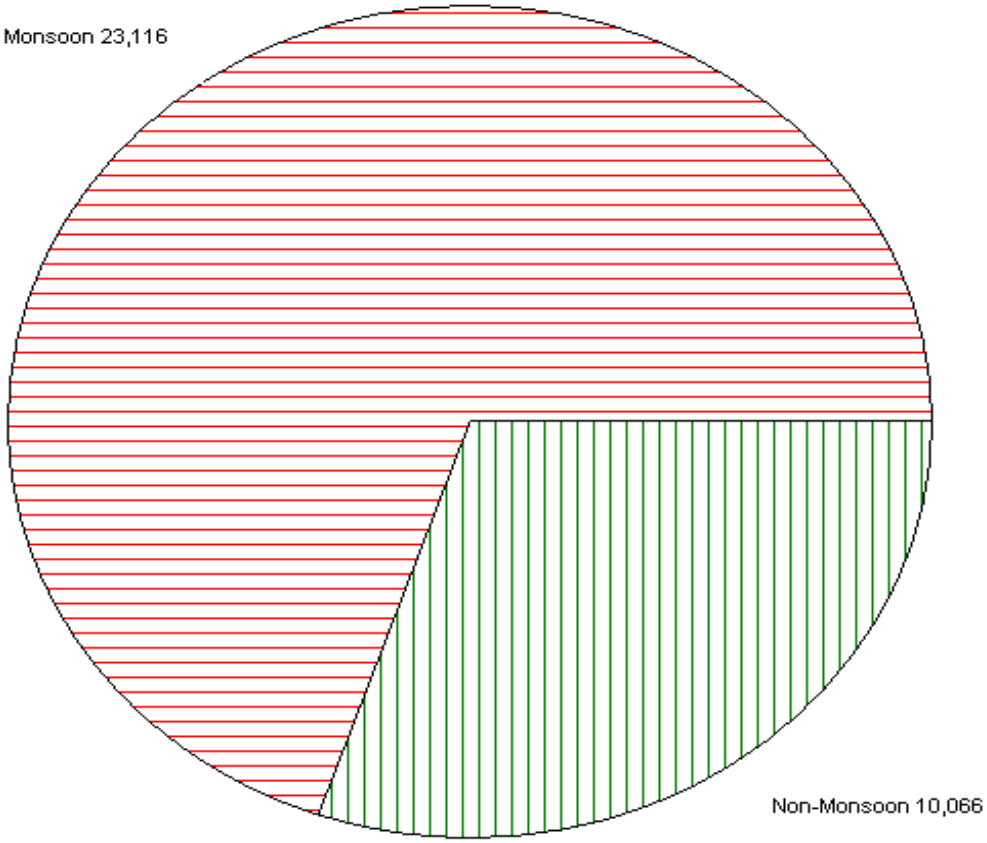
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Seasonal Sediment Load for the period : 2004-2015

Station Name : Thengudi (CCA31N6)
Local River : Thirumalairajanar

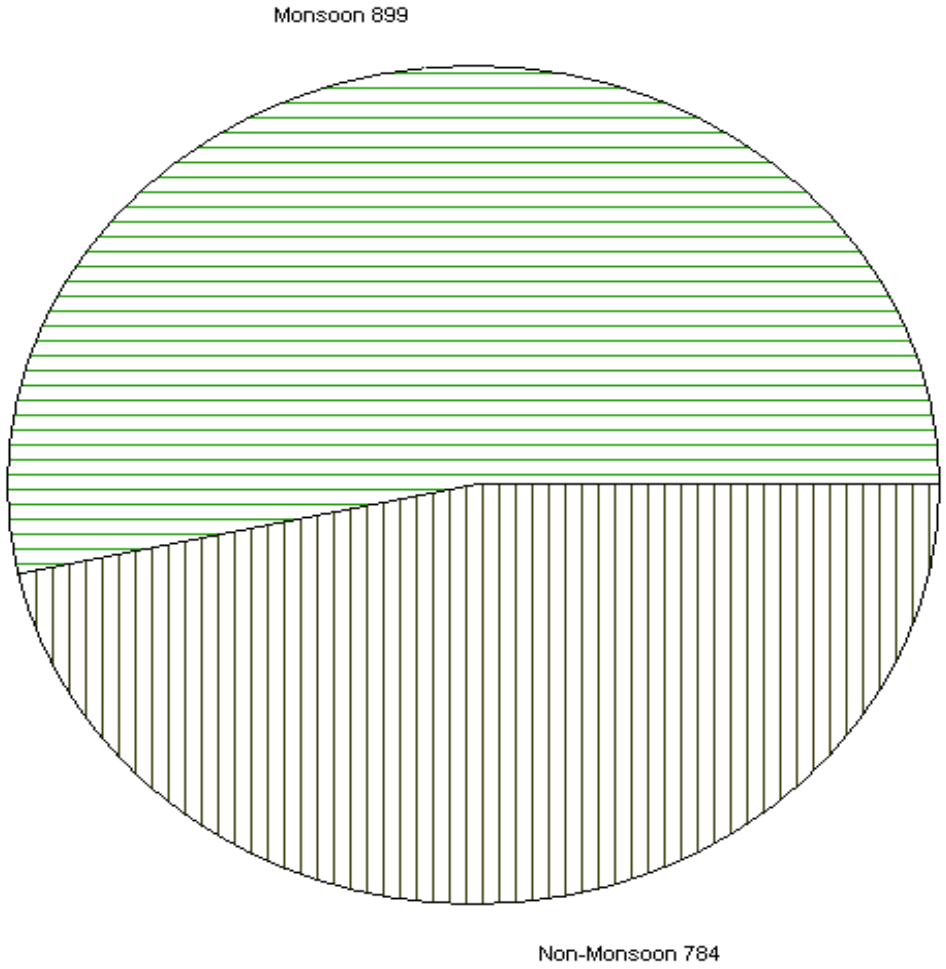
Division : Hydrology Division, Chennai
Sub-Division : Cauvery Delta SD, Karaikal



Seasonal Sediment Load for the Year: 2015-2016

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**

Sl.No.	Date of collection	DATA FOR SAMPLE COLLECTED												GENERAL DATA OF THE RIVER							
		R.D.(m)	Lab No.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	Bed Material Composition			WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	Bed Material Composition		
											MAX SIZE (mm)	MIN. SIZE(mm)	MEAN SIZE (mm)						MAX SIZE (mm)	MIN. SIZE(mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	MONSOON 2015 21/09/2015																				
1	21/09/2015	22	24	5.000	5.970	6.390	0.42	6.0	Discharge not Observed at S/G Line		9.0	0.060	0.74	33.827	0.559	0.087	0.00010	1.642	9.0	0.060	0.697
2	21/09/2015	32	25	5.000	5.810	6.390	0.58	16.0			7.0	0.060	0.77								
3	21/09/2015	42	26	5.000	5.580	6.390	0.81	26.0			8.0	0.060	0.58								
	POST MONSOON 2016 12/01/2016																				
1	12/01/2016	22	61	5.000	6.000	6.620	0.62	5.00	0.094	0.1166	9.0	0.060	0.80	35.447	0.773	0.193	0.00010	5.285	10.0	0.060	0.797
2	12/01/2016	32	62	5.000	5.800	6.620	0.82	12.00	0.212	0.3477	8.0	0.060	0.82								
3	12/01/2016	42	63	5.000	5.590	6.620	1.03	10.00	0.241	0.4965	10.0	0.060	0.77								
	PRE MONSOON 2016 05/05/2016																				
1	05/05/2016	22	98	5.000	5.995	-	-	-	River Bed Dry		7.0	0.060	0.95								
2	05/05/2016	32	99	5.000	5.815	-	-	-			8.0	0.060	0.94	River Bed Dry					10.0	0.060	0.997
3	05/05/2016	42	100	5.000	5.580	-	-	-			10.0	0.060	1.10								

Annual Sediment Load for period : 1973-2016

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
2013-2014	163350	13739	177089	5883
2014-2015	70319	24493	94812	4877
2015-2016	60898	28504	89402	4562

Daily Observed Sediment Datasheet for period : 2015-2016

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	13.30	0.000	0.000	0.003	0.003	3	2.316	0.000	0.000	0.011	0.011	2	107.9	0.001	0.001	0.027	0.030	277
2	35.75	0.000	0.000	0.003	0.003	10	2.688	0.000	0.000	0.014	0.014	3	104.6	0.001	0.001	0.026	0.028	253
3	33.05	0.000	0.000	0.003	0.003	10	2.559	0.000	0.000	0.022	0.022	5	156.8	0.002	0.002	0.030	0.034	457
4	49.76	0.000	0.000	0.006	0.006	25	2.203	0.000	0.000	0.017	0.017	3	128.4	0.001	0.002	0.022	0.024	270
5	49.76	0.000	0.000	0.006	0.006	24	2.276	0.000	0.000	0.005	0.005	1	128.8	0.001	0.001	0.017	0.019	209
6	53.84	0.000	0.000	0.007	0.007	34	2.074	0.000	0.000	0.013	0.013	2	64.55	0.000	0.000	0.020	0.020	112
7	58.53	0.000	0.000	0.008	0.008	40	1.932	0.000	0.000	0.004	0.004	1	63.19	0.000	0.000	0.029	0.029	157
8	65.93	0.000	0.000	0.008	0.008	44	2.035	0.000	0.000	0.006	0.006	1	35.36	0.000	0.000	0.012	0.012	36
9	42.88	0.000	0.000	0.011	0.011	40	1.851	0.000	0.000	0.006	0.006	1	19.47	0.000	0.000	0.021	0.021	35
10	32.35	0.000	0.000	0.011	0.011	32	1.760	0.000	0.000	0.016	0.016	2	21.35	0.000	0.000	0.023	0.023	41
11	23.46	0.000	0.000	0.011	0.011	23	1.721	0.000	0.000	0.012	0.012	2	40.69	0.000	0.000	0.048	0.048	170
12	49.76	0.000	0.000	0.017	0.017	71	1.476	0.000	0.000	0.011	0.011	1	355.1	0.005	0.006	0.049	0.059	1807
13	52.59	0.000	0.000	0.003	0.003	14	1.914	0.000	0.000	0.010	0.010	2	355.3	0.004	0.005	0.043	0.053	1615
14	11.89	0.000	0.000	0.002	0.002	2	2.341	0.000	0.000	0.016	0.016	3	366.0	0.004	0.005	0.019	0.028	873
15	9.904	0.000	0.000	0.004	0.004	4	5.180	0.000	0.000	0.016	0.016	7	383.2	0.005	0.006	0.022	0.033	1093
16	6.891	0.000	0.000	0.002	0.002	1	4.385	0.000	0.000	0.013	0.013	5	406.9	0.006	0.007	0.027	0.040	1406
17	5.460	0.000	0.000	0.002	0.002	1	5.311	0.000	0.000	0.015	0.015	7	354.1	0.005	0.005	0.021	0.031	961
18	5.026	0.000	0.000	0.007	0.007	3	3.141	0.000	0.000	0.020	0.020	5	351.5	0.004	0.005	0.011	0.020	595
19	4.825	0.000	0.000	0.006	0.006	3	3.141	0.000	0.000	0.020	0.020	5	350.1	0.004	0.005	0.013	0.021	641
20	4.701	0.000	0.000	0.010	0.010	4	5.229	0.000	0.000	0.008	0.008	4	340.4	0.003	0.004	0.013	0.020	574
21	4.045	0.000	0.000	0.009	0.009	3	3.489	0.000	0.000	0.015	0.015	5	340.9	0.003	0.004	0.014	0.021	627
22	3.624	0.000	0.000	0.008	0.008	3	2.778	0.000	0.000	0.013	0.013	3	332.5	0.003	0.003	0.009	0.016	448
23	3.311	0.000	0.000	0.009	0.009	3	2.460	0.000	0.000	0.015	0.015	3	389.0	0.005	0.006	0.024	0.035	1176
24	3.221	0.000	0.000	0.010	0.010	3	2.303	0.000	0.000	0.015	0.015	3	332.2	0.003	0.004	0.007	0.013	382
25	3.095	0.000	0.000	0.010	0.010	3	4.268	0.000	0.000	0.026	0.026	10	271.5	0.003	0.004	0.014	0.021	488
26	3.109	0.000	0.000	0.010	0.010	3	5.681	0.000	0.000	0.034	0.034	17	247.5	0.003	0.004	0.008	0.015	312
27	3.068	0.000	0.000	0.010	0.010	3	8.907	0.000	0.000	0.031	0.031	24	268.2	0.004	0.005	0.009	0.017	401
28	2.832	0.000	0.000	0.010	0.010	2	8.187	0.000	0.000	0.019	0.019	14	334.8	0.004	0.005	0.014	0.023	677
29	2.049	0.000	0.000	0.011	0.011	2	146.8	0.001	0.002	0.045	0.048	609	330.6	0.004	0.005	0.016	0.024	697
30	2.029	0.000	0.000	0.011	0.011	2	153.0	0.001	0.002	0.026	0.029	386	354.6	0.004	0.005	0.017	0.026	797
31							124.4	0.001	0.001	0.021	0.024	256	419.2	0.004	0.005	0.019	0.028	1003
Ten Daily Mean																		
Ten Daily I	43.51	0.000	0.000	0.007	0.007	26	2.169	0.000	0.000	0.011	0.011	2	83.05	0.001	0.001	0.023	0.024	185
Ten Daily II	17.45	0.000	0.000	0.006	0.006	13	3.384	0.000	0.000	0.014	0.014	4	330.3	0.004	0.005	0.027	0.035	973
Ten Daily III	3.038	0.000	0.000	0.010	0.010	3	42.02	0.000	0.000	0.024	0.024	121	329.2	0.004	0.004	0.014	0.022	637
Monthly Total						414						1391						18589

Annual Sediment Load (Metric Tonnes) : 89402

Daily Observed Sediment Datasheet for period : 2015-2016

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	420.6	0.004	0.005	0.011	0.019	687	404.7	0.003	0.004	0.013	0.020	713	107.7	0.002	0.002	0.001	0.005	47
2	425.7	0.004	0.005	0.012	0.021	765	412.9	0.003	0.004	0.013	0.020	713	29.45	0.000	0.000	0.004	0.004	11
3	469.3	0.005	0.005	0.018	0.028	1139	387.5	0.002	0.002	0.011	0.014	475	171.1	0.002	0.003	0.006	0.011	164
4	398.1	0.004	0.005	0.014	0.023	794	322.0	0.003	0.003	0.009	0.015	417	214.3	0.003	0.004	0.002	0.009	167
5	447.1	0.004	0.005	0.012	0.021	819	436.9	0.001	0.002	0.009	0.011	423	205.1	0.002	0.003	0.001	0.006	103
6	450.3	0.004	0.005	0.012	0.021	817	370.7	0.001	0.002	0.008	0.011	336	683.9	0.003	0.004	0.032	0.038	2245
7	495.5	0.005	0.006	0.013	0.024	1015	488.8	0.004	0.005	0.012	0.021	866	619.1	0.003	0.004	0.035	0.042	2236
8	507.4	0.005	0.006	0.014	0.025	1105	478.3	0.004	0.005	0.009	0.018	760	161.5	0.002	0.003	0.002	0.007	98
9	469.4	0.004	0.005	0.012	0.021	852	359.6	0.003	0.004	0.009	0.015	469	166.5	0.002	0.003	0.008	0.012	173
10	439.2	0.004	0.005	0.011	0.019	710	354.6	0.003	0.004	0.010	0.017	509	202.8	0.003	0.004	0.002	0.009	158
11	420.8	0.003	0.004	0.008	0.015	538	296.2	0.002	0.002	0.009	0.013	333	175.9	0.003	0.004	0.012	0.019	284
12	394.1	0.003	0.004	0.004	0.011	375	371.3	0.003	0.004	0.006	0.013	414	307.0	0.004	0.005	0.030	0.039	1027
13	400.9	0.003	0.004	0.013	0.020	693	357.3	0.003	0.003	0.010	0.016	494	144.2	0.001	0.002	0.002	0.006	75
14	401.9	0.003	0.004	0.004	0.011	389	470.0	0.004	0.005	0.010	0.018	739	115.0	0.001	0.002	0.018	0.022	216
15	398.6	0.003	0.004	0.004	0.011	375	365.3	0.002	0.003	0.010	0.015	473	125.9	0.002	0.003	0.001	0.006	65
16	409.7	0.003	0.004	0.003	0.010	361	319.8	0.002	0.003	0.001	0.006	155	116.9	0.001	0.002	0.007	0.010	103
17	394.9	0.003	0.004	0.013	0.020	682	315.4	0.002	0.003	0.008	0.012	332	68.09	0.000	0.000	0.004	0.004	22
18	391.3	0.003	0.004	0.004	0.011	375	371.6	0.003	0.003	0.010	0.016	514	74.79	0.000	0.000	0.026	0.026	165
19	379.0	0.003	0.004	0.004	0.011	363	389.2	0.002	0.003	0.006	0.011	363	131.8	0.001	0.002	0.013	0.016	179
20	354.6	0.003	0.004	0.015	0.022	674	380.6	0.002	0.003	0.016	0.022	717	50.11	0.000	0.000	0.010	0.010	42
21	324.0	0.003	0.004	0.011	0.017	484	360.2	0.003	0.003	0.010	0.016	498	22.54	0.000	0.000	0.004	0.004	8
22	319.8	0.002	0.003	0.011	0.017	461	316.8	0.003	0.003	0.009	0.015	411	39.55	0.001	0.001	0.001	0.003	10
23	374.1	0.003	0.004	0.014	0.021	669	312.2	0.002	0.003	0.003	0.008	218	135.4	0.001	0.002	0.008	0.011	126
24	371.6	0.003	0.004	0.014	0.021	674	271.6	0.002	0.002	0.008	0.012	282	67.59	0.001	0.002	0.001	0.004	24
25	433.3	0.003	0.004	0.009	0.016	603	262.1	0.002	0.002	0.008	0.012	272	122.2	0.002	0.002	0.001	0.005	53
26	462.7	0.004	0.005	0.010	0.018	716	146.4	0.001	0.002	0.006	0.010	121	67.79	0.002	0.002	0.001	0.005	27
27	419.0	0.004	0.005	0.013	0.022	796	84.00	0.000	0.000	0.002	0.002	12	30.57	0.001	0.002	0.000	0.003	8
28	482.9	0.004	0.005	0.008	0.016	659	27.94	0.000	0.000	0.006	0.006	14	52.37	0.001	0.002	0.002	0.005	22
29	506.9	0.004	0.005	0.011	0.019	845	29.85	0.000	0.000	0.004	0.004	11	187.1	0.003	0.004	0.002	0.009	145
30	442.2	0.004	0.005	0.012	0.020	768	163.8	0.001	0.002	0.006	0.010	136	32.37	0.001	0.001	0.001	0.003	8
31							167.2	0.002	0.003	0.002	0.007	100						
Ten Daily Mean																		
Ten Daily I	452.2	0.004	0.005	0.013	0.022	870	401.6	0.003	0.003	0.010	0.016	568	256.1	0.002	0.003	0.009	0.014	540
Ten Daily II	394.6	0.003	0.004	0.007	0.014	483	363.7	0.003	0.003	0.009	0.014	453	131.0	0.001	0.002	0.012	0.016	218
Ten Daily III	413.6	0.003	0.004	0.011	0.019	668	194.7	0.002	0.002	0.006	0.009	189	75.74	0.001	0.002	0.002	0.005	43
Monthly Total						20204						12290						8009

Annual Sediment Load (Metric Tonnes) : 89402

Daily Observed Sediment Datasheet for period : 2015-2016

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	8.377	0.000	0.000	0.002	0.002	1	437.6	0.007	0.008	0.002	0.017	631	123.8	0.001	0.002	0.005	0.008	88
2	196.8	0.001	0.001	0.011	0.013	223	454.8	0.001	0.001	0.005	0.007	263	48.60	0.000	0.000	0.004	0.004	18
3	150.9	0.000	0.000	0.007	0.007	87	357.8	0.002	0.001	0.012	0.015	464	66.73	0.000	0.000	0.004	0.004	21
4	193.3	0.004	0.005	0.003	0.012	204	450.0	0.000	0.002	0.007	0.009	338	68.48	0.000	0.000	0.002	0.002	9
5	160.8	0.004	0.005	0.015	0.024	336	382.8	0.001	0.002	0.011	0.014	450	22.84	0.000	0.000	0.005	0.005	9
6	147.9	0.002	0.003	0.018	0.023	294	369.0	0.000	0.001	0.018	0.019	596	57.59	0.000	0.000	0.000	0.000	1
7	215.6	0.003	0.004	0.024	0.031	581	425.0	0.002	0.001	0.014	0.017	628	88.43	0.000	0.000	0.003	0.003	23
8	565.4	0.005	0.006	0.122	0.133	6472	397.7	0.001	0.000	0.014	0.015	502	147.8	0.002	0.003	0.004	0.009	111
9	479.7	0.002	0.003	0.072	0.077	3196	383.0	0.000	0.001	0.020	0.021	705	129.6	0.000	0.000	0.004	0.004	48
10	300.9	0.002	0.003	0.040	0.045	1165	417.3	0.002	0.001	0.014	0.017	613	144.6	0.000	0.000	0.006	0.006	80
11	214.5	0.002	0.003	0.028	0.033	602	468.8	0.001	0.002	0.012	0.015	604	104.6	0.000	0.000	0.003	0.003	27
12	37.76	0.000	0.000	0.008	0.008	27	298.1	0.001	0.002	0.008	0.010	265	85.62	0.000	0.000	0.004	0.004	30
13	165.6	0.002	0.003	0.020	0.025	358	287.9	0.001	0.002	0.006	0.008	197	86.63	0.000	0.000	0.003	0.003	22
14	134.1	0.002	0.003	0.003	0.007	83	243.6	0.001	0.002	0.006	0.010	204	132.8	0.000	0.000	0.006	0.006	69
15	224.2	0.002	0.003	0.016	0.020	383	306.1	0.001	0.001	0.010	0.012	317	148.8	0.000	0.000	0.010	0.010	122
16	110.9	0.001	0.002	0.015	0.018	172	235.1	0.002	0.003	0.019	0.023	467	150.2	0.000	0.000	0.018	0.018	234
17	33.33	0.000	0.000	0.004	0.004	13	226.7	0.001	0.000	0.008	0.009	176	150.9	0.000	0.000	0.011	0.011	145
18	32.27	0.000	0.000	0.002	0.002	7	216.6	0.001	0.002	0.013	0.015	284	156.7	0.000	0.000	0.007	0.007	91
19	45.89	0.000	0.000	0.009	0.009	35	210.1	0.002	0.003	0.016	0.021	372	156.1	0.000	0.000	0.012	0.012	165
20	91.10	0.001	0.001	0.014	0.016	126	141.1	0.001	0.002	0.001	0.004	44	155.0	0.000	0.000	0.013	0.013	177
21	68.83	0.002	0.002	0.019	0.023	135	140.3	0.001	0.002	0.001	0.004	47	127.4	0.000	0.000	0.005	0.005	55
22	51.48	0.001	0.002	0.018	0.021	91	120.5	0.001	0.002	0.002	0.005	54	106.6	0.000	0.000	0.004	0.004	33
23	56.04	0.000	0.000	0.011	0.011	51	143.4	0.001	0.002	0.013	0.016	203	48.42	0.000	0.000	0.001	0.001	5
24	17.40	0.000	0.000	0.008	0.008	12	169.5	0.001	0.000	0.006	0.007	103	39.76	0.000	0.000	0.002	0.002	5
25	170.2	0.002	0.003	0.020	0.025	368	123.7	0.000	0.000	0.002	0.002	16	37.03	0.000	0.000	0.002	0.002	8
26	202.3	0.001	0.002	0.008	0.012	208	46.88	0.000	0.000	0.002	0.002	8	27.29	0.000	0.000	0.003	0.003	8
27	236.0	0.003	0.004	0.026	0.033	673	42.17	0.000	0.000	0.002	0.002	7	23.86	0.000	0.000	0.003	0.003	7
28	221.9	0.002	0.003	0.014	0.018	345	50.34	0.000	0.000	0.002	0.002	8	20.68	0.000	0.000	0.003	0.003	5
29	223.2	0.002	0.003	0.006	0.010	193	48.60	0.000	0.000	0.018	0.018	73	22.84	0.000	0.000	0.003	0.003	6
30	219.8	0.002	0.003	0.010	0.014	262	61.05	0.000	0.000	0.004	0.004	21						
31	264.2	0.002	0.003	0.023	0.027	625	272.3	0.001	0.001	0.009	0.011	259						
Ten Daily Mean																		
Ten Daily I	242.0	0.002	0.003	0.031	0.037	1256	407.5	0.002	0.002	0.012	0.015	519	89.85	0.000	0.000	0.004	0.005	41
Ten Daily II	109.0	0.001	0.001	0.012	0.014	181	263.4	0.001	0.002	0.010	0.013	293	132.7	0.000	0.000	0.009	0.009	108
Ten Daily III	157.4	0.001	0.002	0.015	0.018	269	110.8	0.001	0.001	0.006	0.007	73	50.43	0.000	0.000	0.003	0.003	15
Monthly Total						17329						8920						1621

Annual Sediment Load (Metric Tonnes) : 89402

Daily Observed Sediment Datasheet for period : 2015-2016

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	17.91	0.000	0.000	0.005	0.005	8	7.964	0.000	0.000	0.001	0.001	1	3.250	0.000	0.000	0.018	0.018	5
2	12.75	0.000	0.000	0.011	0.011	12	7.940	0.000	0.000	0.002	0.002	1	4.394	0.000	0.000	0.018	0.018	7
3	16.73	0.000	0.000	0.001	0.001	2	8.225	0.000	0.000	0.012	0.012	9	5.041	0.000	0.000	0.010	0.010	4
4	11.28	0.000	0.000	0.009	0.009	8	7.411	0.000	0.000	0.003	0.003	2	6.199	0.000	0.000	0.002	0.002	1
5	46.96	0.000	0.000	0.002	0.002	10	6.676	0.000	0.000	0.014	0.014	8	6.708	0.000	0.000	0.006	0.006	3
6	11.43	0.000	0.000	0.009	0.009	9	6.602	0.000	0.000	0.006	0.006	3	7.091	0.000	0.000	0.008	0.008	5
7	9.987	0.000	0.000	0.013	0.013	11	5.745	0.000	0.000	0.007	0.007	4	10.12	0.000	0.000	0.010	0.010	8
8	8.929	0.000	0.000	0.003	0.003	2	5.305	0.000	0.000	0.004	0.004	2	9.536	0.000	0.000	0.009	0.009	7
9	12.22	0.000	0.000	0.011	0.011	12	5.154	0.000	0.000	0.014	0.014	6	8.929	0.000	0.000	0.007	0.007	6
10	7.184	0.000	0.000	0.012	0.012	7	5.601	0.000	0.000	0.010	0.010	5	8.418	0.000	0.000	0.011	0.011	8
11	59.28	0.001	0.002	0.012	0.016	81	6.594	0.000	0.000	0.007	0.007	4	10.10	0.000	0.000	0.015	0.015	13
12	60.88	0.000	0.000	0.006	0.006	32	6.271	0.000	0.000	0.004	0.004	2	7.409	0.000	0.000	0.005	0.005	3
13	39.28	0.000	0.000	0.007	0.007	24	5.975	0.000	0.000	0.006	0.006	3	6.541	0.000	0.000	0.008	0.008	4
14	23.97	0.000	0.000	0.004	0.004	7	8.225	0.000	0.000	0.012	0.012	9	5.642	0.000	0.000	0.013	0.013	6
15	18.55	0.000	0.000	0.001	0.001	1	10.26	0.000	0.000	0.013	0.013	12	6.702	0.000	0.000	0.015	0.015	9
16	14.31	0.000	0.000	0.003	0.003	4	13.66	0.000	0.000	0.006	0.006	7	6.338	0.000	0.000	0.015	0.015	8
17	8.447	0.000	0.000	0.002	0.002	2	12.08	0.000	0.000	0.014	0.014	15	8.616	0.000	0.000	0.013	0.013	10
18	7.691	0.000	0.000	0.003	0.003	2	20.91	0.000	0.000	0.004	0.004	7	10.20	0.000	0.000	0.007	0.007	6
19	7.750	0.000	0.000	0.002	0.002	1	18.70	0.000	0.000	0.006	0.006	9	11.59	0.000	0.000	0.018	0.018	18
20	5.139	0.000	0.000	0.003	0.003	1	13.91	0.000	0.000	0.015	0.015	18	11.63	0.000	0.000	0.013	0.013	13
21	6.084	0.000	0.000	0.004	0.004	2	5.986	0.000	0.000	0.002	0.002	1	18.47	0.000	0.000	0.021	0.021	34
22	7.094	0.000	0.000	0.005	0.005	3	5.279	0.000	0.000	0.001	0.001	0	14.44	0.000	0.000	0.016	0.016	20
23	8.825	0.000	0.000	0.005	0.005	4	4.303	0.000	0.000	0.009	0.009	3	13.51	0.000	0.000	0.004	0.004	4
24	14.34	0.000	0.000	0.003	0.003	3	4.981	0.000	0.000	0.009	0.009	4	10.31	0.000	0.000	0.002	0.002	1
25	15.08	0.000	0.000	0.003	0.003	4	4.847	0.000	0.000	0.009	0.009	4	10.01	0.000	0.000	0.002	0.002	1
26	12.64	0.000	0.000	0.003	0.003	3	4.728	0.000	0.000	0.009	0.009	4	7.086	0.000	0.000	0.002	0.002	1
27	12.80	0.000	0.000	0.002	0.002	2	4.209	0.000	0.000	0.009	0.009	3	6.468	0.000	0.000	0.001	0.001	1
28	15.15	0.000	0.000	0.001	0.001	2	4.182	0.000	0.000	0.009	0.009	3	7.448	0.000	0.000	0.008	0.008	5
29	13.25	0.000	0.000	0.002	0.002	2	3.884	0.000	0.000	0.009	0.009	3	6.338	0.000	0.000	0.007	0.007	4
30	10.07	0.000	0.000	0.001	0.001	1	3.822	0.000	0.000	0.009	0.009	3	4.158	0.000	0.000	0.001	0.001	0
31	7.745	0.000	0.000	0.001	0.001	1							4.093	0.000	0.000	0.003	0.003	1
Ten Daily Mean																		
Ten Daily I	15.54	0.000	0.000	0.008	0.008	8	6.662	0.000	0.000	0.007	0.007	4	6.968	0.000	0.000	0.010	0.010	5
Ten Daily II	24.53	0.000	0.000	0.004	0.005	16	11.66	0.000	0.000	0.009	0.009	8	8.477	0.000	0.000	0.012	0.012	9
Ten Daily III	11.19	0.000	0.000	0.003	0.003	2	4.622	0.000	0.000	0.007	0.007	3	9.303	0.000	0.000	0.006	0.006	7
Monthly																		
Total						263						153						217

Annual Sediment Load (Metric Tonnes) : 89402

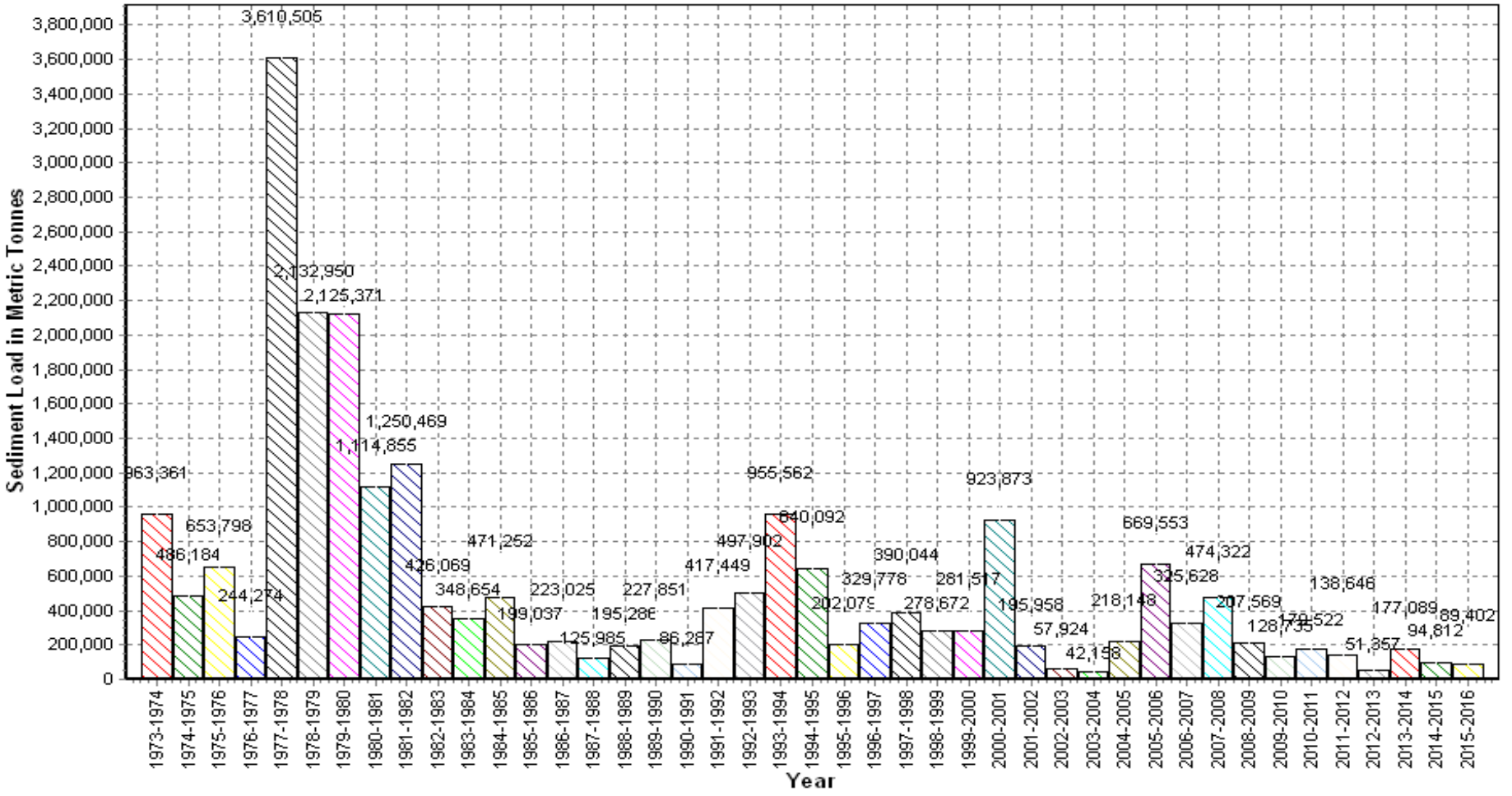
Annual Sediment Load for the period: 1973-2016

Station Name : MUSIRI (CC000G4)

Local River : Cauvery

Division : SR Division, Coimbatore

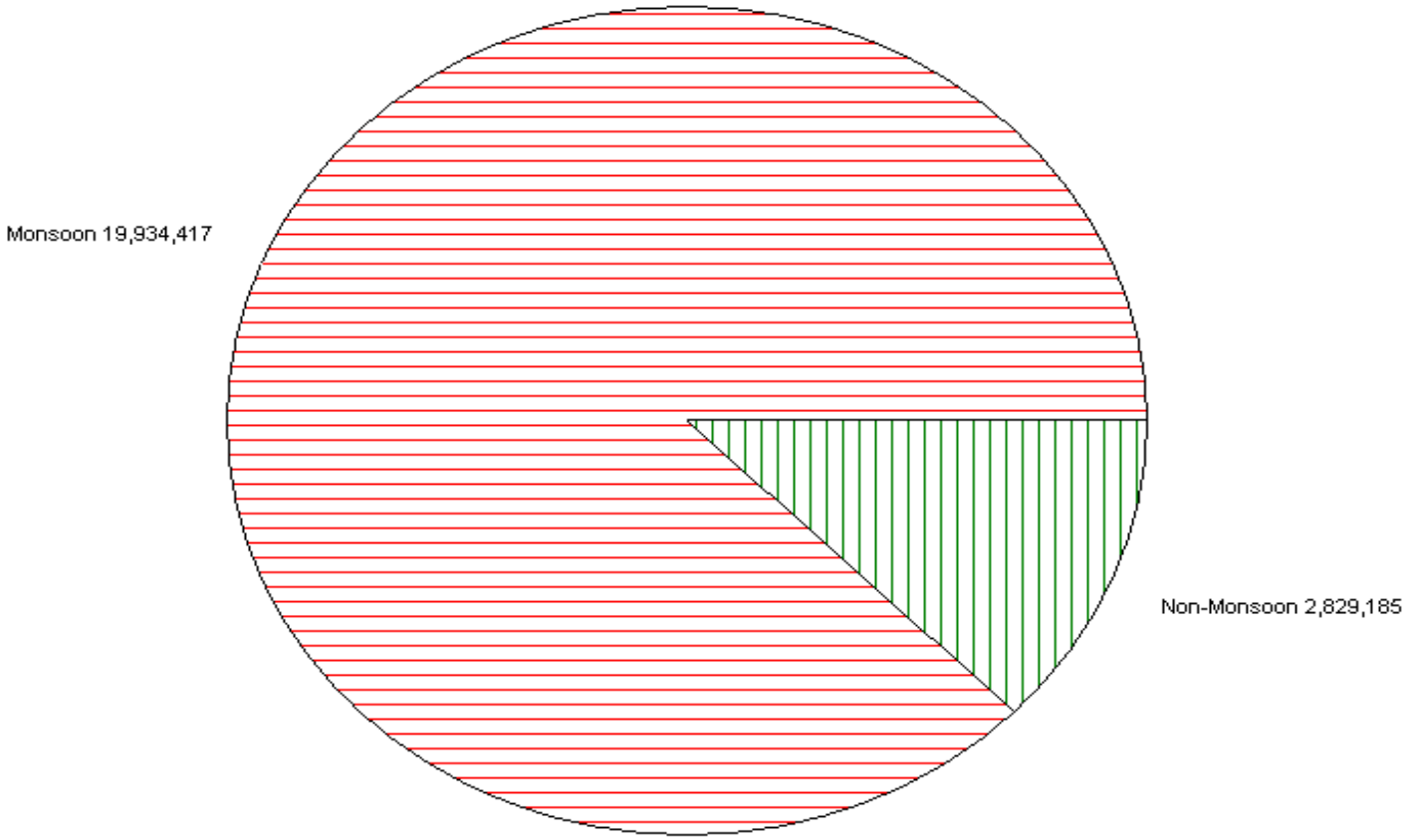
Sub-Division : Lower Cauvery SD, Trichi



Seasonal Sediment Load for the period : 1973-2015

Station Name : MUSIRI (CC000G4)
Local River : Cauvery

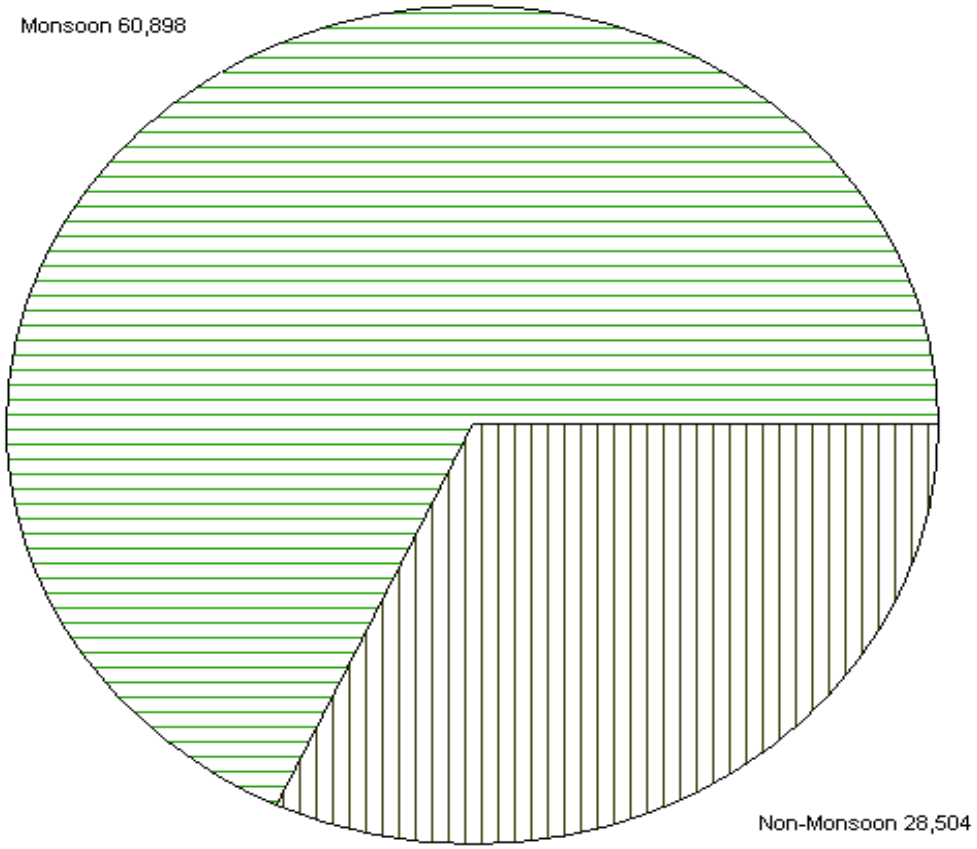
Division : SR Division, Coimbatore
Sub-Division : Lower Cauvery SD, Trichi



Seasonal Sediment Load for the Year: 2015-2016

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**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015					**DATE OF COLLECTION**						**28/10/2015**						
1	150	82.735	-	-	-	150.0	-	-	6.0	0.71							
2	300	81.890	-	-	-	150.0	-	-	8.0	0.75							
3	450	81.605	-	-	-	150.0	-	-	12.0	0.82							
4	600	80.775	-	81.050	-	-	-	27.940	11	1.18							
5	750	81.220	-	-	-	150.0	0.668	-	12.0	1.46							
6	900	82.130	-	-	-	150.0	0.668	-	8.0	1.33							
7	1050	81.190	-	-	-	150.0	0.446	-	4.5	0.58							
8	1200	82.220	82.220	-	-	150.0	-	-	12.0	1.28	138.361	0.6148	0.3285	0.00056	27.94	12.0	1.01
POST MONSOON 2015					**DATE OF COLLECTION**						**02/02/2016**						
1	150	82.680	-	-	-	-	-	-	9.0	0.72							
2	300	81.540	-	-	-	-	-	-	8.0	0.89							
3	450	81.715	-	-	-	-	-	-	18.0	0.89							
4	600	-	80.315	-	0.300	73.0	0.489	30.960	17.0	1.64							
5	750	81.160	-	80.840	-	-	-	-	7.0	0.85							
6	900	-	80.780	-	0.180	101.0	0.401	-	11.0	0.88							
7	1050	81.450	-	-	-	-	-	-	19.0	1.10							
8	1200	82.035	-	-	-	-	-	-	20.0	1.99	249.09	0.258	0.482	0.00056	30.960	20.0	1.12
PRE MONSOON 2016					**DATE OF COLLECTION**						**30/04/2016**						
1	150	92.645	-	-	-	-	-	-	5.5	0.77							
2	300	81.695	-	-	-	-	-	-	6.0	0.65							
3	450	81.855	-	-	-	-	-	-	12.0	0.98							
4	600	-	80.425	80.905	0.480	75.0	-	-	10.0	0.99							
5	750	81.165	-	81.460	-	-	-	-	12.0	0.89							
6	900	-	80.315	80.605	0.29	54.0	0.567	3.822	10.0	0.89							
7	1050	80.375	-	81.460	-	-	-	-	5.5	0.84							
8	1200	82.215	-	-	-	-	-	-	17.0	2.54	151.052	0.215	0.117	0.00110	3.822	17.0	1.07

Annual Sediment Load for period : 1980-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	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	21.21	0.000	0.000	0.005	0.005	10	0.000	0.000	0.000	0.000	0.000	0
21	0.000	0.000	0.000	0.000	0.000	0	21.16	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	17.53	0.000	0.000	0.001	0.001	2	0.000	0.000	0.000	0.000	0.000	0
23	0.000	0.000	0.000	0.000	0.000	0	5.999	0.000	0.000	0.002	0.002	1	0.000	0.000	0.000	0.000	0.000	0
24	0.000	0.000	0.000	0.000	0.000	0	4.439	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
25	0.000	0.000	0.000	0.000	0.000	0	2.527	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	1.920	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
27	0.000	0.000	0.000	0.000	0.000	0	4.321	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	0.420	0.000	0.000	0.002	0.002	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	2.121	0.000	0.000	0.001	0.001	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	5.302	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						0						20						0

Annual Sediment Load (Metric Tonnes) : 23748

Daily Observed Sediment Datasheet for period : 2015-2016

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	21.08	0.000	0.000	0.021	0.021	38	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	7.318	0.000	0.000	0.018	0.018	11	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	2.757	0.000	0.000	0.007	0.007	2	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.471	0.000	0.000	0.001	0.001	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	3.472	0.000	0.000	0.007	0.007	2
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.473	0.000	0.000	0.001	0.001	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.25	0.000	0.000	0.024	0.024	25
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	8.683	0.000	0.000	0.017	0.017	13
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	4.618	0.000	0.000	0.015	0.015	6
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.364	0.000	0.000	0.003	0.003	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.461	0.000	0.000	0.001	0.001	0
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.456	0.000	0.000	0.001	0.001	0
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.472	0.000	0.000	0.001	0.001	0
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.969	0.000	0.000	0.006	0.006	2
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	5.103	0.000	0.000	0.000	0.000	0
24	18.17	0.000	0.000	0.014	0.014	22	0.000	0.000	0.000	0.000	0.000	0	4.240	0.000	0.000	0.008	0.008	3
25	10.80	0.000	0.000	0.015	0.015	14	0.000	0.000	0.000	0.000	0.000	0	23.21	0.000	0.000	0.045	0.045	90
26	6.401	0.000	0.000	0.016	0.016	9	0.000	0.000	0.000	0.000	0.000	0	9.127	0.000	0.000	0.000	0.000	0
27	6.471	0.000	0.000	0.014	0.014	8	0.000	0.000	0.000	0.000	0.000	0	3.505	0.000	0.000	0.007	0.007	2
28	3.310	0.000	0.000	0.008	0.008	2	0.000	0.000	0.000	0.000	0.000	0	2.557	0.000	0.000	0.005	0.005	1
29	8.891	0.000	0.000	0.011	0.011	9	0.000	0.000	0.000	0.000	0.000	0	0.749	0.000	0.000	0.001	0.001	0
30	16.64	0.000	0.000	0.006	0.006	9	0.000	0.000	0.000	0.000	0.000	0	0.462	0.000	0.000	0.001	0.001	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	3.163	0.000	0.000	0.005	0.005	5	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	3.178	0.000	0.000	0.007	0.007	5
Ten Daily III	7.068	0.000	0.000	0.008	0.008	7	0.000	0.000	0.000	0.000	0.000	0	5.239	0.000	0.000	0.007	0.007	10
Monthly																		
Total						72						51						145

Annual Sediment Load (Metric Tonnes) : 23748

Daily Observed Sediment Datasheet for period : 2015-2016

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	3.275	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	62.98	0.000	0.000	0.022	0.022	118	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	152.1	0.000	0.000	0.028	0.028	369	7.360	0.000	0.000	0.003	0.003	2	0.000	0.000	0.000	0.000	0.000	0
6	93.99	0.000	0.000	0.017	0.017	138	2.866	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
7	672.0	0.000	0.000	0.123	0.123	7141	2.448	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
8	643.7	0.000	0.000	0.117	0.117	6507	6.309	0.000	0.000	0.003	0.003	2	6.391	0.000	0.000	0.005	0.005	3
9	403.4	0.000	0.000	0.074	0.074	2579	9.141	0.000	0.000	0.004	0.004	3	5.146	0.000	0.000	0.004	0.004	2
10	318.0	0.000	0.000	0.058	0.058	1593	7.338	0.000	0.000	0.003	0.003	2	4.468	0.000	0.000	0.003	0.003	1
11	287.4	0.000	0.000	0.053	0.053	1316	3.251	0.000	0.000	0.001	0.001	0	3.905	0.000	0.000	0.003	0.003	1
12	275.6	0.000	0.000	0.050	0.050	1190	3.462	0.000	0.000	0.002	0.002	1	1.376	0.000	0.000	0.001	0.001	0
13	184.8	0.000	0.000	0.034	0.034	543	0.731	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	242.5	0.000	0.000	0.044	0.044	922	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	230.9	0.000	0.000	0.042	0.042	838	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	55.11	0.000	0.000	0.013	0.013	60	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	47.51	0.000	0.000	0.015	0.015	62	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	29.22	0.000	0.000	0.011	0.011	27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	23.14	0.000	0.000	0.009	0.009	19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	16.07	0.000	0.000	0.003	0.003	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	11.76	0.000	0.000	0.004	0.004	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	9.207	0.000	0.000	0.002	0.002	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	3.779	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	3.426	0.000	0.000	0.001	0.001	0	4.048	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	3.130	0.000	0.000	0.001	0.001	0	9.267	0.000	0.000	0.004	0.004	4	0.000	0.000	0.000	0.000	0.000	0
26	2.639	0.000	0.000	0.001	0.001	0	7.750	0.000	0.000	0.003	0.003	2	0.000	0.000	0.000	0.000	0.000	0
27	2.845	0.000	0.000	0.001	0.001	0	6.549	0.000	0.000	0.003	0.003	2	0.000	0.000	0.000	0.000	0.000	0
28	0.809	0.000	0.000	0.001	0.001	0	5.513	0.000	0.000	0.002	0.002	1	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	1.591	0.000	0.000	0.001	0.001	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	0.000	0						
Ten Daily Mean																		
Ten Daily I	234.9	0.000	0.000	0.044	0.044	1845	3.546	0.000	0.000	0.001	0.001	1	1.601	0.000	0.000	0.001	0.001	1
Ten Daily II	139.2	0.000	0.000	0.027	0.027	498	0.744	0.000	0.000	0.000	0.000	0	0.528	0.000	0.000	0.000	0.000	0
Ten Daily III	3.417	0.000	0.000	0.001	0.001	1	3.156	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						23434						18						7

Annual Sediment Load (Metric Tonnes) : 23748

Daily Observed Sediment Datasheet for period : 2015-2016

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

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

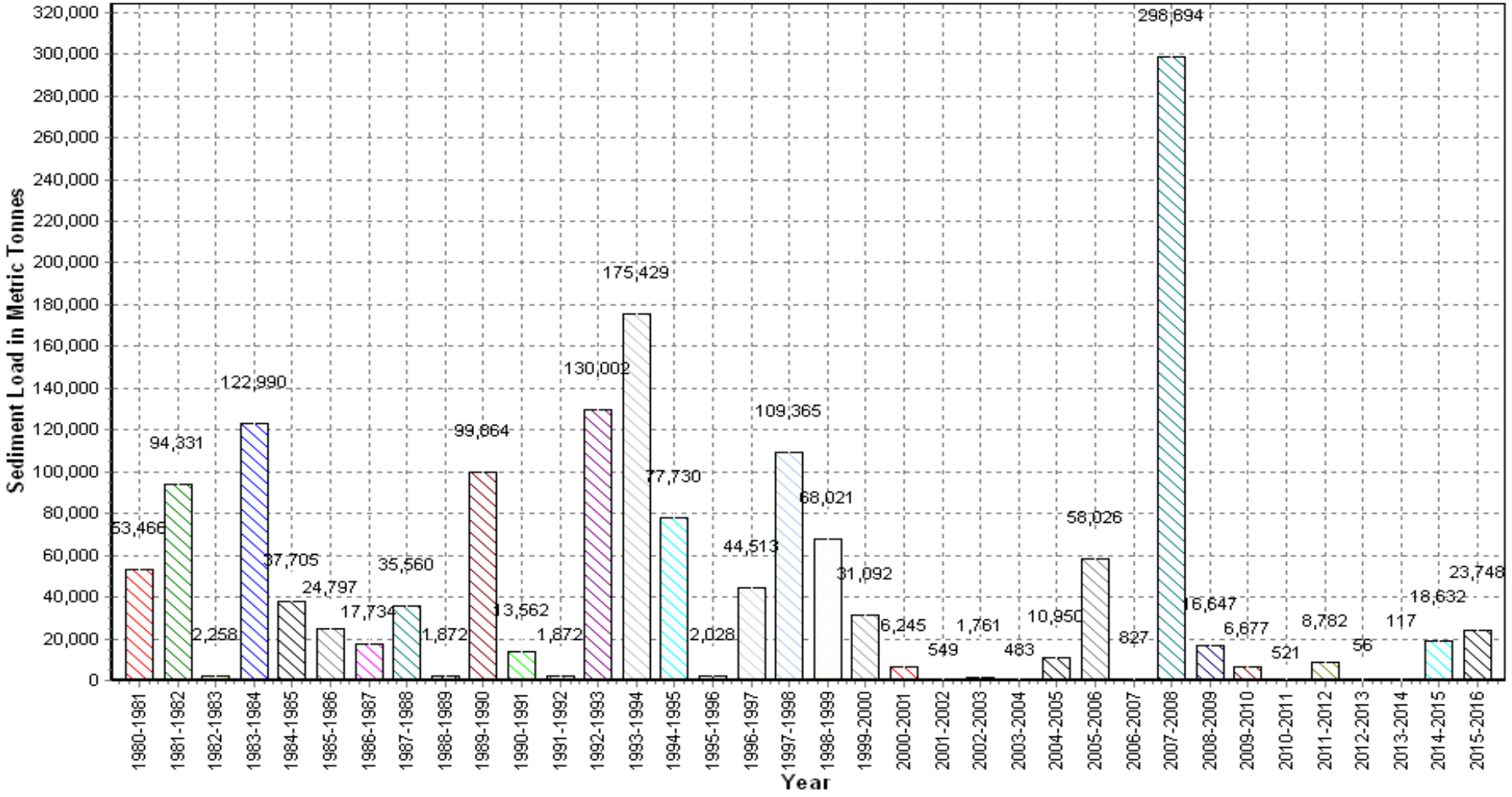
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000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

Annual Sediment Load (Metric Tonnes) : 23748

Annual Sediment Load for the period: 1980-2016

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

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



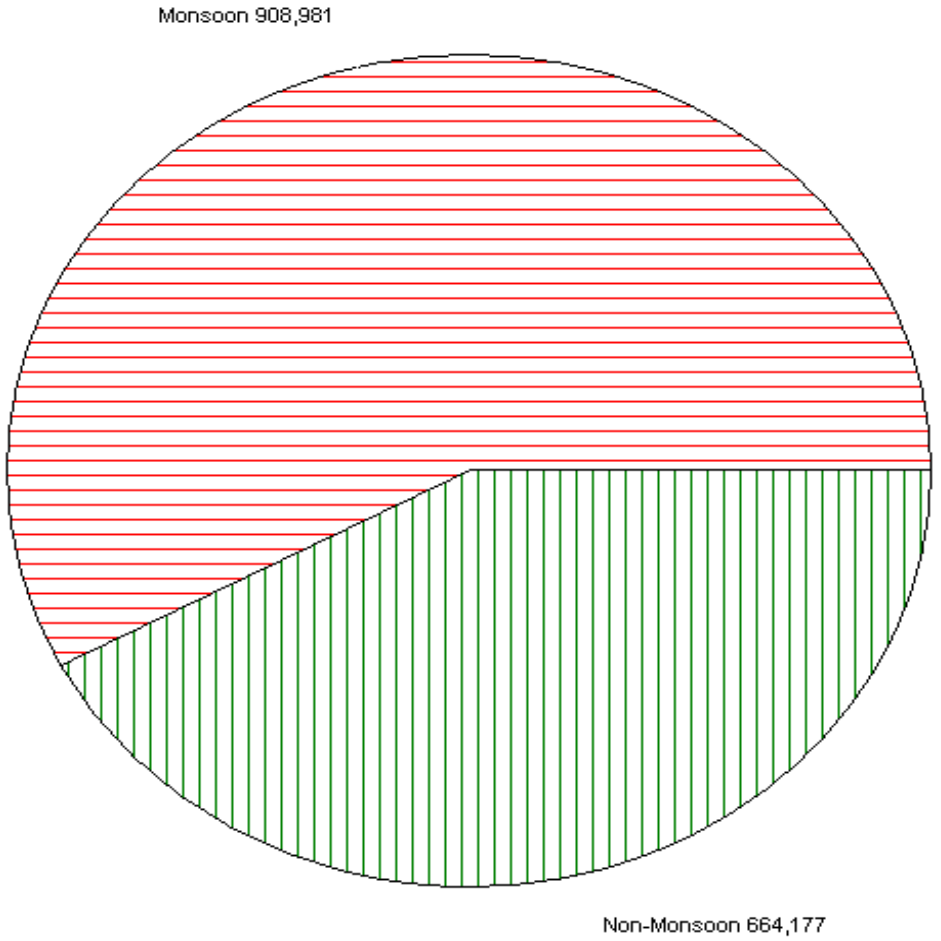
Seasonal Sediment Load for the period : 1980-2015

Station Name : NALLAMARANPATTY (CCD00D5)

Local River : Amaravathi

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



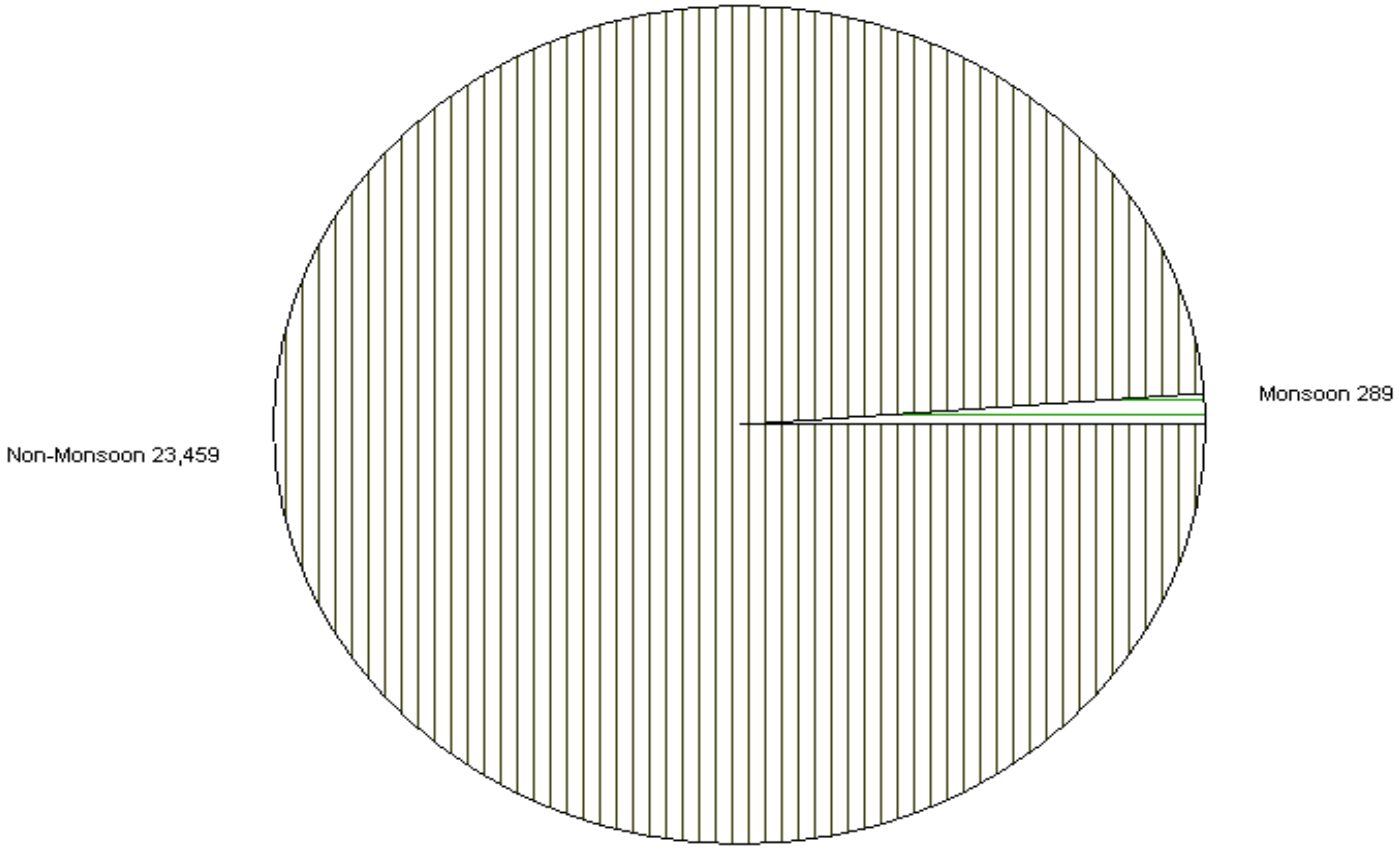
Seasonal Sediment Load for the Year: 2015-2016

Station Name : NALLAMARANPATTY (CCD00D5)

Division : SR Division, Coimbatore

Local River : Amaravathi

Sub-Division : Lower Cauvery SD, Trichi



BED MATERIAL ANALYSIS DATA

RIVER : AMARAVATHY **CODE No. : CCD00D5**

SITE : NALLAMARANPATTY **CROSS SECTION : SGL**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015					**DATE OF COLLECTION**							**07/10/2015**					
1	**50**	**131.480**	**-**	**-**	**-**	**-**	**-**	**-**	**7.0**	**0.44**					**-***		
2	**100**	**-**	**127.735**	**128.230**	**0.49**	**-**	**-**	**-**	**10.0**	**1.02**					**-***		
3	**150**	**-**	**127.745**	**128.230**	**0.48**	**-**	**-**	**-**	**9.0**	**0.95**					**-***		
4	**200**	**-**	**127.895**	**128.230**	**0.33**	**-**	**-**	**-**	**8.0**	**0.81**					**-***	**10.0**	**0.81**
POST MONSOON 2015					**DATE OF COLLECTION**							**07/01/2016**					
1	**50**	**131.375**	**-**		**-**		**-**	**-**	**9.0**	**0.37**					**-***		
2	**100**	**-**	**127.955**	**128.375**	**0.42**	**75.0**	**0.513**	**2.448**	**8.0**	**0.88**							
3	**150**	**-**	**127.825**	**128.375**	**0.55**	**75.0**	**0.513**	**2.448**	**7.0**	**0.87**	**131.56**	**0.548**	**0.034**	**0.00013**	**2.448****		
4	**200**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8.0**	**0.63**					**-***	**9.0**	**0.69**
PRE MONSOON 2016					**DATE OF COLLECTION**							**10/05/2016**					
1	**50**	**131.475**	**-**	**-**	**-**	**-**	**-**	**-**	**7.0**	**0.32**					**-***		
2	**100**	**127.705**	**-**	**-**	**-**	**-**	**-**	**-**	**10.0**	**0.87**					**-***		
3	**150**	**127.670**	**-**	**-**	**-**	**-**	**-**	**-**	**10.0**	**0.87**					**-***		
4	**200**	**128.135**	**-**	**-**	**-**	**-**	**-**	**-**	**5.0**	**0.62**					**-***	**10.0**	**0.67**

NOTE: * River Bed Dry / Negligible Flow.

****Discharge at Temporary Section.**

Annual Sediment Load for period : 2013-2016

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

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

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

Daily Observed Sediment Datasheet for period : 2015-2016

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

Local River : Noyyal **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	2.299	0.000	0.000	0.028	0.028	6	42.05	0.000	0.000	0.027	0.027	98	1.530	0.000	0.000	0.028	0.028	4
2	2.059	0.000	0.000	0.024	0.024	4	39.70	0.000	0.000	0.027	0.027	93	1.470	0.000	0.000	0.020	0.020	3
3	1.658	0.000	0.000	0.029	0.029	4	37.63	0.000	0.000	0.026	0.026	85	1.399	0.000	0.000	0.024	0.024	3
4	1.386	0.000	0.000	0.026	0.026	3	35.60	0.000	0.000	0.026	0.026	80	1.780	0.000	0.000	0.036	0.036	6
5	1.869	0.000	0.000	0.021	0.021	3	19.34	0.000	0.000	0.024	0.024	40	2.672	0.000	0.000	0.022	0.022	5
6	2.133	0.000	0.000	0.027	0.027	5	6.490	0.000	0.000	0.023	0.023	13	2.816	0.000	0.000	0.036	0.036	9
7	2.212	0.000	0.000	0.027	0.027	5	7.033	0.000	0.000	0.012	0.012	8	2.063	0.000	0.000	0.026	0.026	5
8	1.943	0.000	0.000	0.032	0.032	5	38.56	0.000	0.000	0.026	0.026	87	3.081	0.000	0.000	0.022	0.022	6
9	7.292	0.000	0.000	0.056	0.056	35	36.47	0.000	0.000	0.026	0.026	82	1.888	0.000	0.000	0.029	0.029	5
10	2.473	0.000	0.000	0.036	0.036	8	5.524	0.000	0.000	0.018	0.018	9	1.172	0.000	0.000	0.041	0.041	4
11	2.417	0.000	0.000	0.030	0.030	6	5.379	0.000	0.000	0.037	0.037	17	1.335	0.000	0.000	0.030	0.030	3
12	1.785	0.000	0.000	0.041	0.041	6	3.956	0.000	0.000	0.042	0.042	14	1.175	0.000	0.000	0.053	0.053	5
13	1.519	0.000	0.000	0.031	0.031	4	3.515	0.000	0.000	0.037	0.037	11	1.512	0.000	0.000	0.028	0.028	4
14	1.851	0.000	0.000	0.023	0.023	4	3.037	0.000	0.000	0.023	0.023	6	1.083	0.000	0.000	0.040	0.040	4
15	2.333	0.000	0.000	0.034	0.034	7	2.823	0.000	0.000	0.025	0.025	6	1.224	0.000	0.000	0.015	0.015	2
16	2.405	0.000	0.000	0.034	0.034	7	3.338	0.000	0.000	0.019	0.019	5	1.535	0.000	0.000	0.022	0.022	3
17	2.413	0.000	0.000	0.045	0.045	9	3.087	0.000	0.000	0.032	0.032	8	1.662	0.000	0.000	0.028	0.028	4
18	4.146	0.000	0.000	0.045	0.045	16	2.909	0.000	0.000	0.031	0.031	8	1.874	0.000	0.000	0.029	0.029	5
19	2.556	0.000	0.000	0.034	0.034	8	3.104	0.000	0.000	0.033	0.033	9	2.654	0.000	0.000	0.028	0.028	6
20	2.828	0.000	0.000	0.034	0.034	8	3.568	0.000	0.000	0.023	0.023	7	3.132	0.000	0.000	0.035	0.035	10
21	2.952	0.000	0.000	0.036	0.036	9	2.615	0.000	0.000	0.021	0.021	5	3.361	0.000	0.000	0.011	0.011	3
22	2.445	0.000	0.000	0.027	0.027	6	2.141	0.000	0.000	0.008	0.008	2	2.820	0.000	0.000	0.019	0.019	5
23	2.300	0.000	0.000	0.017	0.017	3	2.443	0.000	0.000	0.021	0.021	4	2.200	0.000	0.000	0.036	0.036	7
24	2.136	0.000	0.000	0.032	0.032	6	1.981	0.000	0.000	0.028	0.028	5	1.762	0.000	0.000	0.010	0.010	2
25	49.10	0.000	0.000	0.028	0.028	119	1.928	0.000	0.000	0.034	0.034	6	1.438	0.000	0.000	0.037	0.037	5
26	53.00	0.000	0.000	0.029	0.029	133	2.630	0.000	0.000	0.028	0.028	6	1.243	0.000	0.000	0.022	0.022	2
27	50.95	0.000	0.000	0.028	0.028	123	2.975	0.000	0.000	0.019	0.019	5	1.132	0.000	0.000	0.018	0.018	2
28	48.36	0.000	0.000	0.028	0.028	117	2.809	0.000	0.000	0.033	0.033	8	1.080	0.000	0.000	0.012	0.012	1
29	50.50	0.000	0.000	0.028	0.028	122	1.855	0.000	0.000	0.033	0.033	5	1.072	0.000	0.000	0.028	0.028	3
30	45.01	0.000	0.000	0.027	0.027	105	1.764	0.000	0.000	0.030	0.030	5	1.056	0.000	0.000	0.011	0.011	1
31							1.647	0.000	0.000	0.037	0.037	5	1.179	0.000	0.000	0.023	0.023	2
Ten Daily Mean																		
Ten Daily I	2.532	0.000	0.000	0.031	0.031	8	26.84	0.000	0.000	0.024	0.024	59	1.987	0.000	0.000	0.028	0.028	5
Ten Daily II	2.425	0.000	0.000	0.035	0.035	8	3.472	0.000	0.000	0.030	0.030	9	1.718	0.000	0.000	0.031	0.031	5
Ten Daily III	30.67	0.000	0.000	0.028	0.028	74	2.253	0.000	0.000	0.027	0.027	5	1.667	0.000	0.000	0.021	0.021	3
Monthly																		
Total						897						741						125

Annual Sediment Load (Metric Tonnes) : 14495

Daily Observed Sediment Datasheet for period : 2015-2016

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

Local River : Noyyal **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	1.015	0.000	0.000	0.027	0.027	2	4.717	0.000	0.000	0.040	0.040	16	30.59	0.000	0.000	0.025	0.025	66
2	0.000	0.000	0.000	0.000	0.000	0	4.638	0.000	0.000	0.040	0.040	16	82.84	0.000	0.000	0.033	0.033	236
3	0.000	0.000	0.000	0.000	0.000	0	4.786	0.000	0.000	0.042	0.042	17	74.05	0.000	0.000	0.032	0.032	205
4	0.000	0.000	0.000	0.000	0.000	0	4.309	0.000	0.000	0.042	0.042	16	72.04	0.000	0.000	0.031	0.031	193
5	0.000	0.000	0.000	0.000	0.000	0	4.184	0.000	0.000	0.036	0.036	13	97.20	0.000	0.000	0.035	0.035	294
6	0.000	0.000	0.000	0.000	0.000	0	4.557	0.000	0.000	0.032	0.032	12	92.85	0.000	0.000	0.035	0.035	281
7	0.000	0.000	0.000	0.000	0.000	0	4.445	0.000	0.000	0.030	0.030	12	83.28	0.000	0.000	0.033	0.033	237
8	0.000	0.000	0.000	0.000	0.000	0	3.857	0.000	0.000	0.039	0.039	13	67.66	0.000	0.000	0.031	0.031	181
9	0.000	0.000	0.000	0.000	0.000	0	3.512	0.000	0.000	0.035	0.035	10	64.27	0.000	0.000	0.030	0.030	167
10	0.000	0.000	0.000	0.000	0.000	0	8.020	0.000	0.000	0.036	0.036	25	55.27	0.000	0.000	0.029	0.029	138
11	0.000	0.000	0.000	0.000	0.000	0	8.490	0.000	0.000	0.034	0.034	25	67.30	0.000	0.000	0.031	0.031	180
12	0.000	0.000	0.000	0.000	0.000	0	8.685	0.000	0.000	0.023	0.023	17	69.33	0.000	0.000	0.031	0.031	186
13	0.000	0.000	0.000	0.000	0.000	0	7.881	0.000	0.000	0.032	0.032	22	75.73	0.000	0.000	0.032	0.032	209
14	0.000	0.000	0.000	0.000	0.000	0	9.599	0.000	0.000	0.028	0.028	23	74.90	0.000	0.000	0.032	0.032	207
15	0.000	0.000	0.000	0.000	0.000	0	9.479	0.000	0.000	0.028	0.028	23	82.62	0.000	0.000	0.033	0.033	236
16	0.000	0.000	0.000	0.000	0.000	0	8.292	0.000	0.000	0.031	0.031	22	94.00	0.000	0.000	0.035	0.035	284
17	0.000	0.000	0.000	0.000	0.000	0	9.203	0.000	0.000	0.031	0.031	25	89.47	0.000	0.000	0.034	0.034	263
18	0.000	0.000	0.000	0.000	0.000	0	8.254	0.000	0.000	0.034	0.034	24	81.11	0.000	0.000	0.033	0.033	231
19	0.000	0.000	0.000	0.000	0.000	0	6.082	0.000	0.000	0.020	0.020	10	70.15	0.000	0.000	0.031	0.031	188
20	0.000	0.000	0.000	0.000	0.000	0	5.520	0.000	0.000	0.026	0.026	12	76.84	0.000	0.000	0.032	0.032	212
21	0.000	0.000	0.000	0.000	0.000	0	5.431	0.000	0.000	0.037	0.037	17	84.69	0.000	0.000	0.033	0.033	241
22	0.000	0.000	0.000	0.000	0.000	0	5.902	0.000	0.000	0.027	0.027	14	93.93	0.000	0.000	0.035	0.035	284
23	0.000	0.000	0.000	0.000	0.000	0	6.252	0.000	0.000	0.025	0.025	14	95.14	0.000	0.000	0.035	0.035	288
24	0.000	0.000	0.000	0.000	0.000	0	5.902	0.000	0.000	0.027	0.027	14	88.37	0.000	0.000	0.034	0.034	260
25	0.000	0.000	0.000	0.000	0.000	0	5.248	0.000	0.000	0.029	0.029	13	85.07	0.000	0.000	0.033	0.033	243
26	0.000	0.000	0.000	0.000	0.000	0	4.806	0.000	0.000	0.039	0.039	16	86.26	0.000	0.000	0.034	0.034	253
27	0.000	0.000	0.000	0.000	0.000	0	4.392	0.000	0.000	0.030	0.030	11	80.04	0.000	0.000	0.033	0.033	228
28	0.000	0.000	0.000	0.000	0.000	0	3.139	0.000	0.000	0.035	0.035	9	79.00	0.000	0.000	0.032	0.032	218
29	19.33	0.000	0.000	0.029	0.029	49	5.136	0.000	0.000	0.025	0.025	11	21.71	0.000	0.000	0.024	0.024	45
30	5.246	0.000	0.000	0.025	0.025	11	4.967	0.000	0.000	0.031	0.031	13	7.657	0.000	0.000	0.014	0.014	10
31							4.497	0.000	0.000	0.049	0.049	19						
Ten Daily Mean																		
Ten Daily I	0.101	0.000	0.000	0.003	0.003	0	4.702	0.000	0.000	0.037	0.037	15	72.01	0.000	0.000	0.031	0.031	200
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	8.149	0.000	0.000	0.029	0.029	21	78.15	0.000	0.000	0.032	0.032	220
Ten Daily III	2.458	0.000	0.000	0.005	0.005	6	5.061	0.000	0.000	0.032	0.032	14	72.19	0.000	0.000	0.031	0.031	207
Monthly																		
Total						63						508						6265

Annual Sediment Load (Metric Tonnes) : 14495

Daily Observed Sediment Datasheet for period : 2015-2016

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

Local River : Noyyal **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	22.01	0.000	0.000	0.024	0.024	46	35.64	0.000	0.000	0.026	0.026	80	2.641	0.000	0.000	0.030	0.030	7
2	64.27	0.000	0.000	0.026	0.026	144	37.29	0.000	0.000	0.026	0.026	84	2.239	0.000	0.000	0.035	0.035	7
3	91.64	0.000	0.000	0.034	0.034	269	34.33	0.000	0.000	0.026	0.026	77	2.636	0.000	0.000	0.027	0.027	6
4	96.30	0.000	0.000	0.035	0.035	291	37.69	0.000	0.000	0.026	0.026	85	3.088	0.000	0.000	0.025	0.025	7
5	101.0	0.000	0.000	0.036	0.036	314	35.09	0.000	0.000	0.026	0.026	79	3.200	0.000	0.000	0.022	0.022	6
6	88.70	0.000	0.000	0.034	0.034	261	37.63	0.000	0.000	0.026	0.026	85	3.494	0.000	0.000	0.028	0.028	8
7	101.4	0.000	0.000	0.036	0.036	316	35.60	0.000	0.000	0.026	0.026	80	3.372	0.000	0.000	0.029	0.029	8
8	96.49	0.000	0.000	0.035	0.035	292	34.63	0.000	0.000	0.026	0.026	78	3.279	0.000	0.000	0.019	0.019	5
9	90.58	0.000	0.000	0.034	0.034	266	3.143	0.000	0.000	0.027	0.027	7	2.670	0.000	0.000	0.035	0.035	8
10	95.14	0.000	0.000	0.035	0.035	288	3.266	0.000	0.000	0.033	0.033	9	2.136	0.000	0.000	0.026	0.026	5
11	89.47	0.000	0.000	0.034	0.034	263	3.317	0.000	0.000	0.033	0.033	9	2.094	0.000	0.000	0.034	0.034	6
12	81.11	0.000	0.000	0.033	0.033	231	3.004	0.000	0.000	0.034	0.034	9	2.407	0.000	0.000	0.019	0.019	4
13	77.45	0.000	0.000	0.032	0.032	214	2.950	0.000	0.000	0.002	0.002	1	2.995	0.000	0.000	0.032	0.032	8
14	67.30	0.000	0.000	0.031	0.031	180	2.733	0.000	0.000	0.021	0.021	5	2.578	0.000	0.000	0.033	0.033	7
15	64.67	0.000	0.000	0.030	0.030	168	2.578	0.000	0.000	0.003	0.003	1	2.075	0.000	0.000	0.030	0.030	5
16	45.01	0.000	0.000	0.027	0.027	105	2.512	0.000	0.000	0.029	0.029	6	2.594	0.000	0.000	0.015	0.015	3
17	37.63	0.000	0.000	0.026	0.026	85	2.671	0.000	0.000	0.030	0.030	7	2.487	0.000	0.000	0.019	0.019	4
18	37.69	0.000	0.000	0.026	0.026	85	2.444	0.000	0.000	0.020	0.020	4	2.692	0.000	0.000	0.025	0.025	6
19	34.09	0.000	0.000	0.026	0.026	77	3.113	0.000	0.000	0.029	0.029	8	3.251	0.000	0.000	0.016	0.016	5
20	36.58	0.000	0.000	0.026	0.026	82	2.608	0.000	0.000	0.029	0.029	6	2.686	0.000	0.000	0.014	0.014	3
21	39.12	0.000	0.000	0.027	0.027	91	3.109	0.000	0.000	0.038	0.038	10	2.311	0.000	0.000	0.035	0.035	7
22	35.16	0.000	0.000	0.026	0.026	79	3.507	0.000	0.000	0.026	0.026	8	2.003	0.000	0.000	0.029	0.029	5
23	37.69	0.000	0.000	0.026	0.026	85	3.187	0.000	0.000	0.026	0.026	7	2.380	0.000	0.000	0.017	0.017	3
24	37.97	0.000	0.000	0.026	0.026	85	2.578	0.000	0.000	0.029	0.029	6	1.989	0.000	0.000	0.023	0.023	4
25	43.29	0.000	0.000	0.027	0.027	101	2.506	0.000	0.000	0.037	0.037	8	2.063	0.000	0.000	0.019	0.019	3
26	40.26	0.000	0.000	0.027	0.027	94	2.671	0.000	0.000	0.030	0.030	7	2.572	0.000	0.000	0.017	0.017	4
27	37.50	0.000	0.000	0.026	0.026	84	2.740	0.000	0.000	0.037	0.037	9	2.619	0.000	0.000	0.033	0.033	8
28	35.64	0.000	0.000	0.026	0.026	80	3.265	0.000	0.000	0.029	0.029	8	2.311	0.000	0.000	0.035	0.035	7
29	37.69	0.000	0.000	0.026	0.026	85	3.135	0.000	0.000	0.033	0.033	9	2.406	0.000	0.000	0.022	0.022	4
30	37.63	0.000	0.000	0.026	0.026	85	2.262	0.000	0.000	0.028	0.028	6						
31	34.63	0.000	0.000	0.026	0.026	78	2.398	0.000	0.000	0.029	0.029	6						
Ten Daily Mean																		
Ten Daily I	84.76	0.000	0.000	0.033	0.033	249	29.43	0.000	0.000	0.027	0.027	66	2.876	0.000	0.000	0.028	0.028	7
Ten Daily II	57.10	0.000	0.000	0.029	0.029	149	2.793	0.000	0.000	0.023	0.023	6	2.586	0.000	0.000	0.024	0.024	5
Ten Daily III	37.87	0.000	0.000	0.026	0.026	86	2.851	0.000	0.000	0.031	0.031	8	2.295	0.000	0.000	0.026	0.026	5
Monthly Total						4922						804						166

Annual Sediment Load (Metric Tonnes) : 14495

Daily Observed Sediment Datasheet for period : 2015-2016

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

Local River : Noyyal **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	2.625	0.000	0.000	0.018	0.018	4	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	0.262	0.000	0.000	0.002	0.002	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						4						0						0

Annual Sediment Load (Metric Tonnes) : 14495

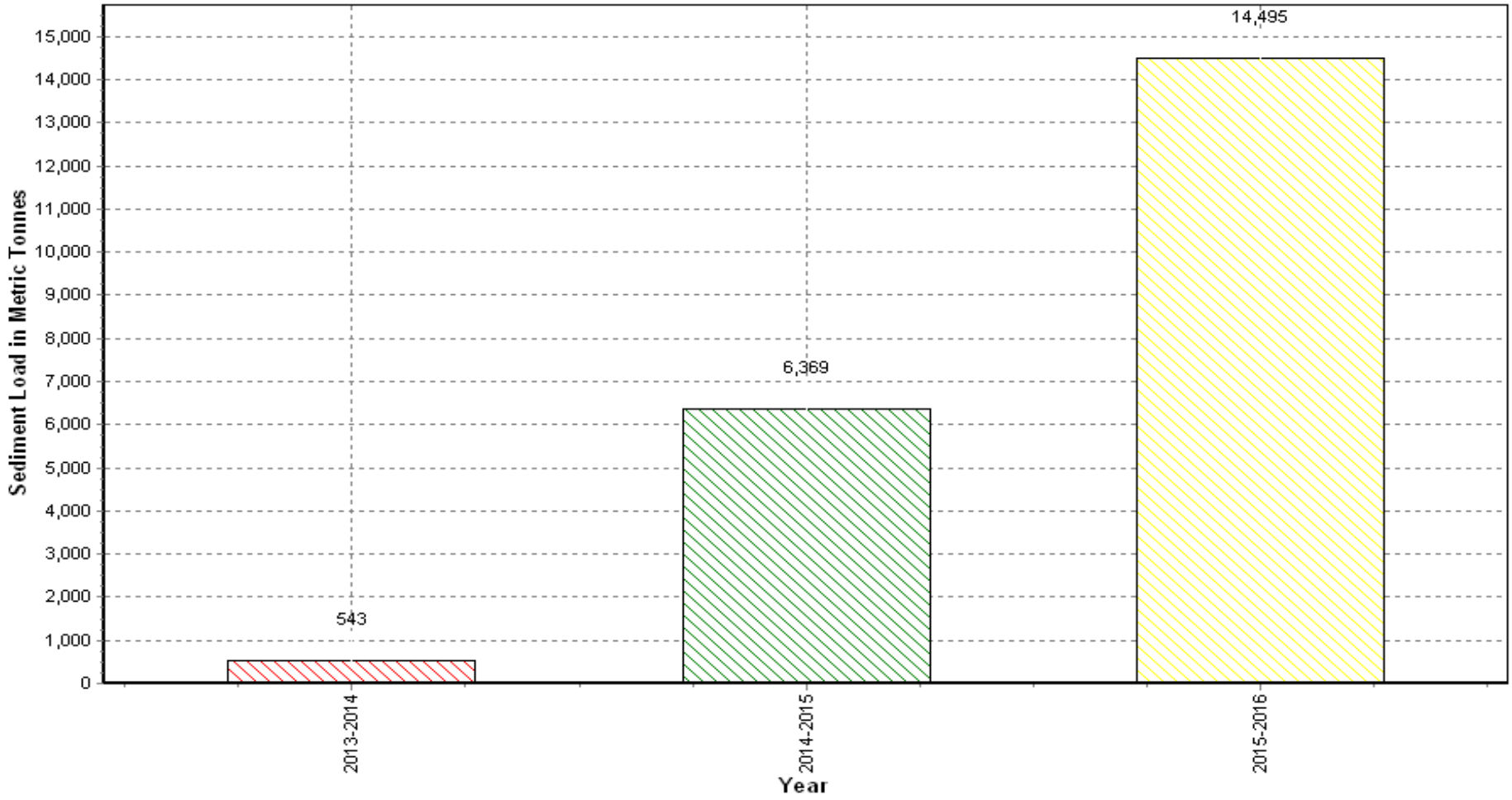
Annual Sediment Load for the period: 2013-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Division : SR Division, Coimbatore

Local River : Noyyal

Sub-Division : Lower Cauvery SD, Trichi



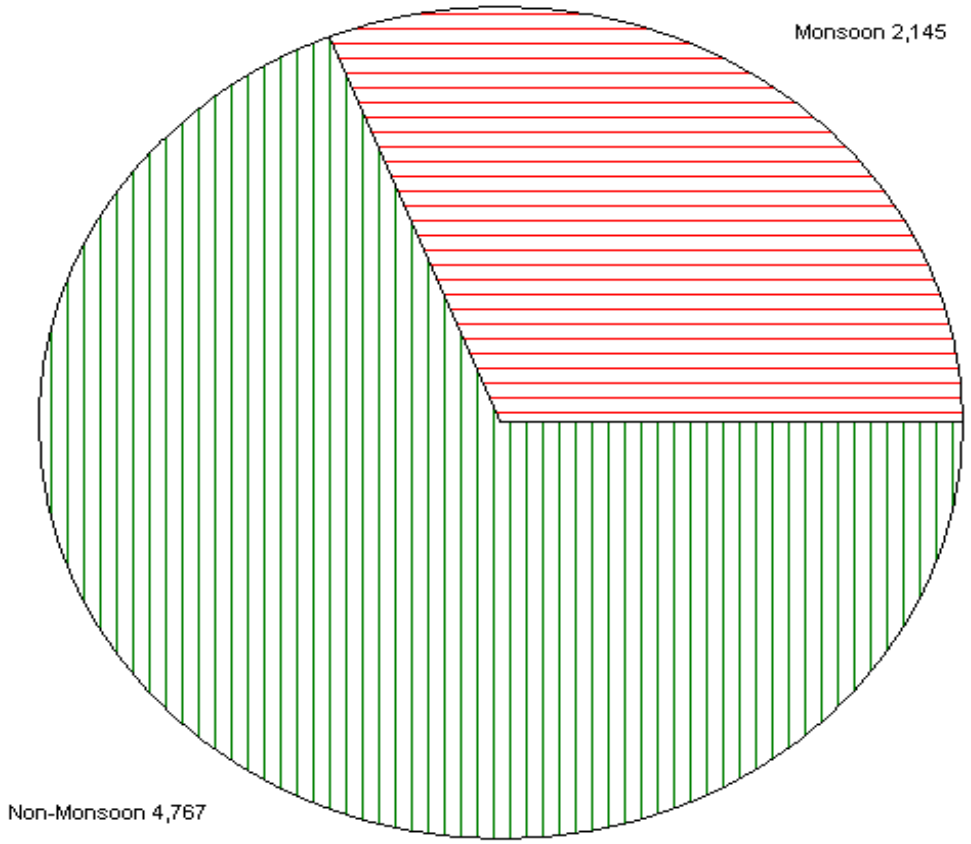
Seasonal Sediment Load for the period : 2013-2015

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Local River : Noyyal

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



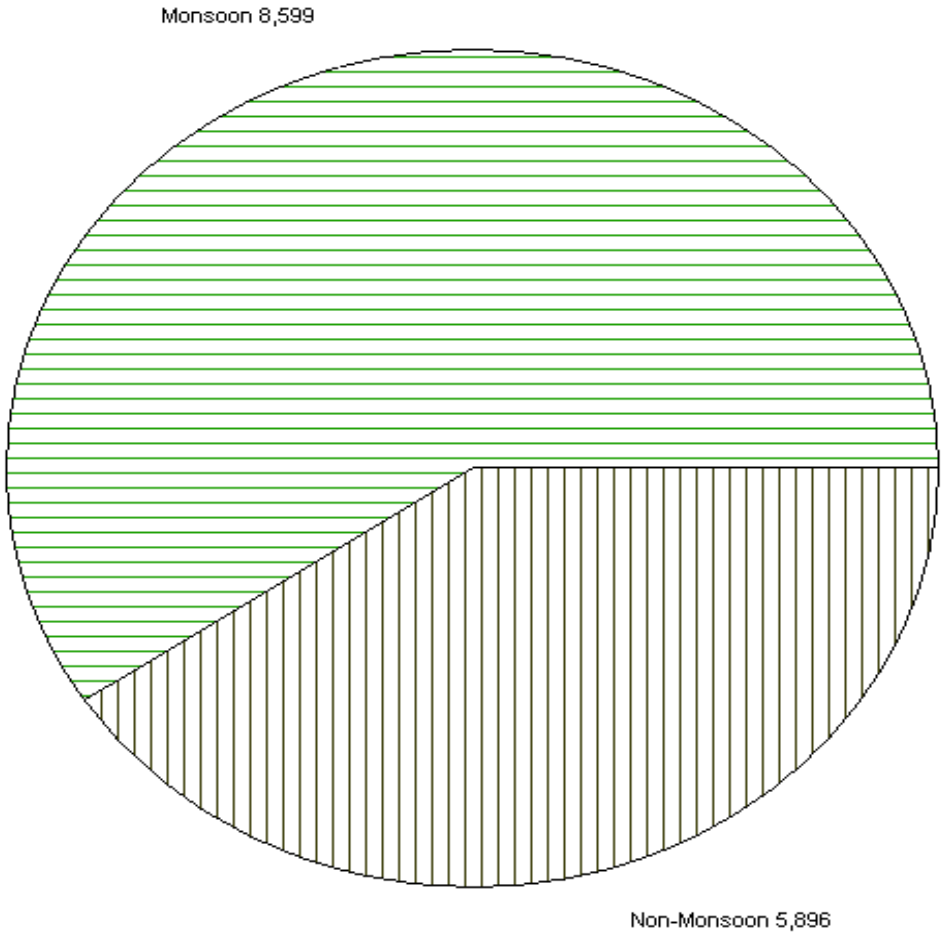
Seasonal Sediment Load for the Year: 2015-2016

Station Name : ELUNUTHIMANGALAM (CCF00A4)

Division : SR Division, Coimbatore

Local River : Novval

Sub-Division : Lower Cauverv SD. Trichi



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 2015					**DATE OF COLLECTION**						**09/10/2015**						
1	50	-	129.900	129.980	0.08	23.4	-	-	11.0	0.65							
2	75	-	129.345	129.995	0.65	23.4	-	-	2.5	0.64							
3	100	131.000	-	-	-	23.4	-	-	12.0	2.16							
4	125	131.830	-	-	-	23.4	-	-	19.0	0.67							
5	150	133.380	-	-	-	23.4	-	-	10.0	0.62	30.21	0.776	0.145	0.00080	3.402*	19.0	0.95
POST MONSOON 2015					**DATE OF COLLECTION**						**06/01/2016**						
1	50	-	129.890	130.740	0.85	50.1	-	-	7.0	0.54							
2	75	-	129.350	130.770	1.42	50.1	-	-	19.0	2.54							
3	100	130.990	-	-	-	50.1	-	-	19.0	3.70							
4	125	131.825	-	-	-	50.1	-	-	7.0	0.62							
5	150	133.370	-	-	-	50.1	-	-	7.0	0.53	49.34	1.015	0.752	0.00080	37.66*	19.0	1.59
PRE MONSOON 2016					**DATE OF COLLECTION**						**12/05/2016**						
1	50	129.960	-	-	-	-	-	-	9.0	0.69							
2	75	129.640	-	-	-	-	-	-	10.0	0.64							
3	100	130.705	-	-	-	-	-	-	10.0	2.02							
4	125	131.835	-	-	-	-	-	-	8.0	0.64							
5	150	133.370	-	-	-	-	-	-	7.0	0.51					-**	10.0	0.90

NOTE: * Discharge at Temporary Section.
**** Stagnant Water.**

Annual Sediment Load for period : 1973-2016

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
2013-2014	148505	20480	168985	6644
2014-2015	98153	34687	132840	6176
2015-2016	24291	7055	31346	5227

Daily Observed Sediment Datasheet for period : 2015-2016

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	51.47	0.000	0.000	0.009	0.009	39	6.328	0.000	0.000	0.004	0.004	2	211.5	0.000	0.000	0.002	0.002	37
2	101.2	0.000	0.000	0.009	0.009	74	1.660	0.000	0.000	0.001	0.001	0	338.5	0.000	0.000	0.003	0.003	88
3	95.92	0.000	0.000	0.006	0.006	51	0.609	0.000	0.000	0.000	0.000	0	219.4	0.000	0.000	0.002	0.002	38
4	98.87	0.000	0.000	0.008	0.008	64	0.000	0.000	0.000	0.000	0.000	0	117.2	0.000	0.000	0.000	0.000	4
5	98.98	0.000	0.000	0.006	0.006	52	0.000	0.000	0.000	0.000	0.000	0	38.20	0.000	0.000	0.003	0.003	8
6	98.19	0.000	0.000	0.009	0.009	77	5.116	0.000	0.000	0.005	0.005	2	115.7	0.000	0.000	0.001	0.001	14
7	97.97	0.000	0.000	0.009	0.009	76	3.074	0.000	0.000	0.001	0.001	0	27.12	0.000	0.000	0.003	0.003	7
8	27.33	0.000	0.000	0.008	0.008	18	9.816	0.000	0.000	0.002	0.002	2	6.547	0.000	0.000	0.000	0.000	0
9	95.62	0.000	0.000	0.008	0.008	69	5.905	0.000	0.000	0.004	0.004	2	85.03	0.000	0.000	0.001	0.001	7
10	28.37	0.000	0.000	0.011	0.011	27	42.05	0.000	0.000	0.014	0.014	49	292.4	0.000	0.000	0.002	0.002	51
11	19.24	0.000	0.000	0.003	0.003	5	109.0	0.000	0.000	0.008	0.008	74	330.9	0.000	0.000	0.005	0.006	157
12	28.87	0.000	0.000	0.005	0.005	12	36.56	0.000	0.000	0.009	0.009	28	353.9	0.001	0.001	0.001	0.002	55
13	3.156	0.000	0.000	0.002	0.002	1	108.7	0.000	0.000	0.005	0.005	45	339.8	0.000	0.001	0.002	0.003	73
14	1.257	0.000	0.000	0.001	0.001	0	24.78	0.000	0.000	0.005	0.005	11	312.6	0.000	0.000	0.007	0.007	189
15	5.870	0.000	0.000	0.004	0.004	2	97.66	0.000	0.000	0.003	0.003	22	433.3	0.000	0.000	0.003	0.003	112
16	1.038	0.000	0.000	0.001	0.001	0	21.39	0.000	0.000	0.006	0.006	11	485.6	0.000	0.000	0.002	0.002	84
17	28.28	0.000	0.000	0.004	0.004	10	45.07	0.000	0.000	0.010	0.010	39	328.3	0.000	0.001	0.005	0.006	170
18	6.846	0.000	0.000	0.006	0.006	4	26.27	0.000	0.000	0.007	0.007	16	309.1	0.000	0.000	0.003	0.004	104
19	10.27	0.000	0.000	0.004	0.004	3	54.19	0.000	0.000	0.012	0.012	56	329.1	0.000	0.001	0.002	0.002	68
20	9.105	0.000	0.000	0.002	0.002	2	22.91	0.000	0.000	0.004	0.004	9	316.1	0.000	0.000	0.003	0.004	98
21	7.765	0.000	0.000	0.001	0.001	1	100.0	0.000	0.000	0.003	0.003	22	340.5	0.000	0.000	0.002	0.002	62
22	7.674	0.000	0.000	0.001	0.001	1	26.32	0.000	0.000	0.004	0.004	8	320.2	0.000	0.000	0.004	0.004	111
23	7.581	0.000	0.000	0.004	0.004	3	104.0	0.000	0.000	0.001	0.001	13	447.3	0.000	0.000	0.003	0.003	116
24	5.561	0.000	0.000	0.002	0.002	1	25.66	0.000	0.000	0.001	0.001	2	250.6	0.000	0.000	0.002	0.002	43
25	6.292	0.000	0.000	0.001	0.001	0	11.44	0.000	0.000	0.001	0.001	1	276.2	0.000	0.000	0.002	0.003	60
26	19.70	0.000	0.000	0.003	0.003	5	19.38	0.000	0.000	0.006	0.006	10	323.1	0.000	0.000	0.003	0.004	106
27	10.31	0.000	0.000	0.002	0.002	2	231.6	0.000	0.000	0.004	0.004	80	366.3	0.000	0.000	0.003	0.003	98
28	11.62	0.000	0.000	0.002	0.002	2	248.1	0.000	0.000	0.003	0.003	64	346.6	0.000	0.000	0.004	0.004	123
29	11.12	0.000	0.000	0.000	0.000	0	252.4	0.000	0.000	0.003	0.003	65	369.5	0.000	0.000	0.005	0.005	156
30	7.273	0.000	0.000	0.001	0.001	1	211.5	0.000	0.000	0.004	0.004	73	447.3	0.000	0.000	0.003	0.003	116
31							219.4	0.000	0.000	0.004	0.004	76	555.6	0.000	0.000	0.004	0.004	182
Ten Daily Mean																		
Ten Daily I	79.39	0.000	0.000	0.008	0.008	55	7.456	0.000	0.000	0.003	0.003	6	145.2	0.000	0.000	0.002	0.002	25
Ten Daily II	11.39	0.000	0.000	0.003	0.003	4	54.64	0.000	0.000	0.007	0.007	31	353.9	0.000	0.000	0.003	0.004	111
Ten Daily III	9.488	0.000	0.000	0.002	0.002	1	131.8	0.000	0.000	0.003	0.003	38	367.6	0.000	0.000	0.003	0.003	107
Monthly																		
Total						600						784						2539

Annual Sediment Load (Metric Tonnes) : 31346

Daily Observed Sediment Datasheet for period : 2015-2016

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	569.8	0.000	0.000	0.003	0.003	148	443.0	0.000	0.000	0.001	0.001	46	147.6	0.000	0.000	0.005	0.005	64
2	531.0	0.000	0.001	0.004	0.005	239	388.0	0.000	0.000	0.001	0.001	34	175.2	0.000	0.000	0.006	0.006	91
3	516.4	0.000	0.001	0.004	0.004	192	424.3	0.000	0.000	0.002	0.003	99	135.5	0.000	0.000	0.005	0.005	57
4	468.7	0.000	0.000	0.004	0.004	178	383.5	0.000	0.000	0.001	0.001	33	134.6	0.000	0.000	0.006	0.006	66
5	585.6	0.000	0.001	0.008	0.009	440	439.0	0.000	0.000	0.002	0.002	83	903.0	0.002	0.004	0.043	0.049	3807
6	520.2	0.000	0.001	0.004	0.005	225	503.9	0.000	0.001	0.016	0.017	744	526.0	0.039	0.056	0.043	0.138	6249
7	593.7	0.000	0.000	0.004	0.005	231	480.7	0.000	0.000	0.001	0.001	46	180.7	0.000	0.000	0.007	0.007	109
8	486.7	0.000	0.000	0.003	0.004	147	415.0	0.000	0.000	0.002	0.002	72	82.16	0.000	0.000	0.003	0.003	21
9	524.0	0.000	0.000	0.004	0.005	213	377.6	0.000	0.001	0.002	0.002	72	175.2	0.000	0.000	0.006	0.006	91
10	522.1	0.000	0.000	0.002	0.003	131	374.6	0.000	0.000	0.001	0.001	42	147.6	0.000	0.000	0.005	0.005	64
11	556.3	0.000	0.003	0.006	0.010	461	344.8	0.000	0.000	0.001	0.001	30	180.4	0.000	0.000	0.007	0.007	109
12	557.6	0.000	0.001	0.005	0.006	294	441.6	0.000	0.000	0.004	0.004	156	168.8	0.000	0.000	0.006	0.006	87
13	500.3	0.001	0.001	0.003	0.005	216	405.5	0.000	0.000	0.005	0.006	193	164.8	0.000	0.000	0.006	0.006	90
14	525.1	0.000	0.000	0.004	0.004	172	394.4	0.000	0.000	0.008	0.008	273	34.18	0.000	0.000	0.015	0.015	45
15	533.6	0.001	0.002	0.003	0.006	277	377.2	0.000	0.001	0.004	0.004	140	102.8	0.000	0.000	0.004	0.004	36
16	549.7	0.000	0.000	0.002	0.003	119	431.1	0.000	0.000	0.008	0.008	305	37.70	0.000	0.000	0.002	0.002	7
17	438.0	0.000	0.000	0.001	0.001	38	441.0	0.000	0.000	0.008	0.008	301	137.5	0.000	0.000	0.002	0.002	26
18	463.5	0.000	0.000	0.007	0.007	292	414.9	0.000	0.000	0.008	0.008	287	131.2	0.000	0.000	0.004	0.004	41
19	477.6	0.000	0.000	0.009	0.009	363	425.9	0.000	0.000	0.003	0.004	136	32.67	0.000	0.000	0.006	0.006	17
20	442.6	0.000	0.000	0.001	0.001	38	395.8	0.000	0.000	0.004	0.004	133	123.4	0.000	0.000	0.005	0.005	48
21	506.5	0.000	0.000	0.001	0.001	53	311.8	0.000	0.000	0.003	0.003	81	134.4	0.000	0.000	0.005	0.005	55
22	473.8	0.000	0.000	0.000	0.000	16	299.8	0.000	0.000	0.003	0.003	78	131.0	0.000	0.000	0.004	0.004	45
23	501.9	0.000	0.000	0.001	0.001	56	371.7	0.000	0.000	0.002	0.002	64	131.8	0.000	0.000	0.004	0.004	48
24	424.1	0.000	0.000	0.000	0.000	0	295.8	0.000	0.000	0.003	0.003	77	136.6	0.000	0.000	0.004	0.004	48
25	503.5	0.000	0.000	0.003	0.003	148	127.6	0.000	0.000	0.004	0.004	44	143.2	0.000	0.000	0.004	0.004	49
26	486.2	0.000	0.000	0.003	0.003	139	105.1	0.000	0.000	0.002	0.002	14	32.62	0.000	0.000	0.003	0.003	8
27	428.7	0.000	0.000	0.001	0.001	37	115.8	0.000	0.000	0.002	0.002	20	29.53	0.000	0.000	0.006	0.006	14
28	561.0	0.000	0.001	0.001	0.002	87	115.2	0.000	0.000	0.002	0.002	21	131.8	0.000	0.000	0.002	0.002	17
29	543.5	0.000	0.001	0.003	0.004	164	165.1	0.000	0.000	0.004	0.004	57	32.33	0.000	0.000	0.006	0.006	17
30	435.3	0.000	0.001	0.001	0.002	90	119.9	0.000	0.000	0.001	0.001	15	34.07	0.000	0.000	0.004	0.004	12
31							73.23	0.000	0.000	0.005	0.005	30						
Ten Daily Mean																		
Ten Daily I	531.8	0.000	0.000	0.004	0.005	214	423.0	0.000	0.000	0.003	0.003	127	260.8	0.004	0.006	0.013	0.023	1062
Ten Daily II	504.4	0.000	0.001	0.004	0.005	227	407.2	0.000	0.000	0.005	0.005	195	111.4	0.000	0.000	0.006	0.006	51
Ten Daily III	486.5	0.000	0.000	0.001	0.002	79	191.0	0.000	0.000	0.003	0.003	45	93.73	0.000	0.000	0.004	0.004	31
Monthly																		
Total						5204						3725						11439

Annual Sediment Load (Metric Tonnes) : 31346

Daily Observed Sediment Datasheet for period : 2015-2016

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	368.2	0.000	0.000	0.019	0.019	604	435.4	0.000	0.001	0.001	0.002	75	36.04	0.000	0.000	0.003	0.003	10
2	135.1	0.000	0.000	0.007	0.007	77	373.5	0.001	0.001	0.001	0.003	106	33.10	0.000	0.000	0.006	0.006	17
3	158.5	0.000	0.000	0.008	0.008	110	371.5	0.001	0.001	0.001	0.003	96	35.22	0.000	0.000	0.004	0.004	11
4	31.84	0.000	0.000	0.016	0.016	43	475.5	0.000	0.000	0.001	0.001	49	19.71	0.000	0.000	0.004	0.004	7
5	37.57	0.000	0.000	0.016	0.016	51	487.4	0.000	0.000	0.001	0.002	67	14.65	0.000	0.000	0.007	0.007	9
6	126.8	0.000	0.000	0.017	0.017	186	471.0	0.000	0.000	0.001	0.002	65	173.2	0.000	0.000	0.004	0.004	60
7	38.18	0.000	0.000	0.015	0.015	51	457.8	0.000	0.000	0.001	0.001	32	166.9	0.000	0.000	0.004	0.004	58
8	112.4	0.000	0.000	0.007	0.007	64	492.0	0.000	0.000	0.001	0.002	68	167.0	0.000	0.000	0.004	0.004	58
9	143.5	0.000	0.000	0.007	0.007	89	483.5	0.000	0.000	0.001	0.002	71	179.6	0.000	0.000	0.004	0.004	62
10	32.07	0.000	0.000	0.014	0.014	37	483.8	0.000	0.000	0.001	0.001	42	83.42	0.000	0.000	0.002	0.002	17
11	30.96	0.000	0.000	0.015	0.015	41	407.0	0.000	0.000	0.002	0.003	95	166.6	0.000	0.000	0.004	0.004	56
12	124.7	0.000	0.000	0.006	0.006	61	406.3	0.000	0.000	0.003	0.004	126	189.2	0.000	0.000	0.004	0.004	65
13	30.49	0.000	0.000	0.001	0.001	4	370.4	0.000	0.000	0.002	0.003	90	179.6	0.000	0.000	0.004	0.004	62
14	23.63	0.000	0.000	0.010	0.010	20	341.0	0.000	0.000	0.003	0.004	103	166.9	0.000	0.000	0.004	0.004	58
15	23.83	0.000	0.000	0.001	0.001	2	381.2	0.000	0.000	0.003	0.003	99	179.6	0.000	0.000	0.004	0.004	62
16	135.1	0.000	0.000	0.006	0.006	67	196.1	0.000	0.000	0.003	0.003	51	182.9	0.000	0.000	0.004	0.004	63
17	21.37	0.000	0.000	0.007	0.007	12	213.1	0.000	0.000	0.003	0.003	55	182.9	0.000	0.000	0.004	0.004	63
18	132.5	0.000	0.000	0.007	0.007	80	199.7	0.000	0.000	0.003	0.003	52	173.2	0.000	0.000	0.004	0.004	60
19	21.42	0.000	0.000	0.012	0.012	21	189.2	0.000	0.000	0.003	0.003	49	179.6	0.000	0.000	0.004	0.004	62
20	19.03	0.000	0.000	0.011	0.011	18	182.9	0.000	0.000	0.004	0.004	63	182.9	0.000	0.000	0.004	0.004	63
21	116.9	0.000	0.000	0.010	0.010	100	173.2	0.000	0.000	0.004	0.004	60	166.9	0.000	0.000	0.004	0.004	58
22	21.78	0.000	0.000	0.009	0.009	17	189.2	0.000	0.000	0.003	0.003	49	14.57	0.000	0.000	0.003	0.003	4
23	39.57	0.000	0.000	0.008	0.008	29	182.9	0.000	0.000	0.004	0.004	63	11.68	0.000	0.000	0.005	0.005	5
24	236.9	0.001	0.000	0.008	0.009	184	166.9	0.000	0.000	0.004	0.004	58	4.875	0.000	0.000	0.002	0.002	1
25	194.6	0.000	0.001	0.007	0.008	135	83.42	0.000	0.000	0.002	0.002	15	2.129	0.000	0.000	0.001	0.001	0
26	215.5	0.000	0.001	0.007	0.008	149	34.87	0.000	0.000	0.004	0.004	12	2.553	0.000	0.000	0.001	0.001	0
27	288.2	0.001	0.000	0.008	0.009	224	7.084	0.000	0.000	0.002	0.002	1	2.270	0.000	0.000	0.001	0.001	0
28	314.7	0.001	0.001	0.008	0.010	280	32.86	0.000	0.000	0.004	0.004	11	1.449	0.000	0.000	0.000	0.000	0
29	327.2	0.000	0.000	0.001	0.001	34	77.12	0.000	0.000	0.003	0.003	19	1.156	0.000	0.000			
30	346.5	0.001	0.000	0.002	0.003	99	199.7	0.000	0.000	0.003	0.003	52						
31	394.0	0.000	0.001	0.001	0.002	82	89.94	0.000	0.000	0.004	0.004	31						
Ten Daily Mean																		
Ten Daily I	118.4	0.000	0.000	0.012	0.012	131	453.1	0.000	0.000	0.001	0.002	67	90.88	0.000	0.000	0.004	0.004	31
Ten Daily II	56.30	0.000	0.000	0.008	0.008	33	288.7	0.000	0.000	0.003	0.003	78	178.3	0.000	0.000	0.004	0.004	61
Ten Daily III	226.9	0.000	0.000	0.006	0.007	121	112.5	0.000	0.000	0.003	0.003	34	23.06	0.000	0.000	0.002	0.002	8
Monthly																		
Total						2971						1826						991

Annual Sediment Load (Metric Tonnes) : 31346

Daily Observed Sediment Datasheet for period : 2015-2016

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	1.237	0.000	0.000	0.003	0.003	0	23.50	0.000	0.000	0.004	0.004	9	45.26	0.000	0.000	0.019	0.019	74
2	1.209	0.000	0.000	0.003	0.003	0	11.80	0.000	0.000	0.003	0.003	3	43.54	0.000	0.000	0.018	0.018	68
3	5.776	0.000	0.000	0.007	0.007	4	14.47	0.000	0.000	0.003	0.003	4	35.54	0.000	0.000	0.005	0.005	14
4	8.981	0.000	0.000	0.004	0.004	3	11.65	0.000	0.000	0.005	0.005	5	33.94	0.000	0.000	0.006	0.006	18
5	14.35	0.000	0.000	0.004	0.004	5	9.932	0.000	0.000	0.006	0.006	5	18.38	0.000	0.000	0.008	0.008	13
6	14.50	0.000	0.000	0.004	0.004	5	10.95	0.000	0.000	0.006	0.006	6	20.45	0.000	0.000	0.005	0.005	8
7	36.12	0.000	0.000	0.005	0.005	15	9.729	0.000	0.000	0.005	0.005	4	23.74	0.000	0.000	0.006	0.006	11
8	33.85	0.000	0.000	0.007	0.007	21	6.497	0.000	0.000	0.007	0.007	4	21.04	0.000	0.000	0.005	0.005	9
9	37.17	0.000	0.000	0.006	0.006	18	7.726	0.000	0.000	0.005	0.005	3	18.42	0.000	0.000	0.009	0.009	14
10	99.08	0.000	0.000	0.003	0.003	24	12.50	0.000	0.000	0.003	0.003	3	13.14	0.000	0.000	0.005	0.005	5
11	98.96	0.000	0.000	0.004	0.004	37	34.44	0.000	0.000	0.007	0.007	21	11.31	0.000	0.000	0.003	0.003	3
12	98.26	0.000	0.000	0.004	0.004	37	5.646	0.000	0.000	0.015	0.015	7	18.33	0.000	0.000	0.003	0.003	4
13	42.52	0.000	0.000	0.005	0.005	18	17.27	0.000	0.000	0.014	0.014	21	26.49	0.000	0.000	0.002	0.002	4
14	37.66	0.000	0.000	0.007	0.007	21	28.07	0.000	0.000	0.012	0.012	29	29.52	0.000	0.000	0.004	0.004	9
15	33.20	0.000	0.000	0.006	0.006	17	31.89	0.000	0.000	0.014	0.014	37	14.17	0.000	0.000	0.005	0.005	6
16	37.03	0.000	0.000	0.006	0.006	19	22.02	0.000	0.000	0.029	0.029	56	14.72	0.000	0.000	0.006	0.006	8
17	36.91	0.000	0.000	0.003	0.003	10	20.05	0.000	0.000	0.009	0.009	16	13.99	0.000	0.000	0.003	0.003	3
18	44.33	0.000	0.000	0.005	0.005	17	26.17	0.000	0.000	0.021	0.021	47	12.18	0.000	0.000	0.004	0.004	4
19	34.43	0.000	0.000	0.006	0.006	19	11.79	0.000	0.000	0.012	0.012	12	9.656	0.000	0.000	0.004	0.004	3
20	37.57	0.000	0.000	0.005	0.005	16	14.47	0.000	0.000	0.006	0.006	8	5.397	0.000	0.000	0.003	0.003	1
21	44.18	0.000	0.000	0.006	0.006	21	10.21	0.000	0.000	0.005	0.005	4	4.571	0.000	0.000	0.003	0.003	1
22	44.51	0.000	0.000	0.006	0.006	25	13.02	0.000	0.000	0.004	0.004	5	2.817	0.000	0.000	0.002	0.002	0
23	44.23	0.000	0.000	0.008	0.008	29	11.47	0.000	0.000	0.007	0.007	7	1.266	0.000	0.000	0.001	0.001	0
24	34.58	0.000	0.000	0.009	0.009	26	50.45	0.000	0.000	0.005	0.005	22	0.486	0.000	0.000	0.000	0.000	0
25	34.24	0.000	0.000	0.005	0.005	15	18.84	0.000	0.000	0.008	0.008	12	0.132	0.000	0.000	0.000	0.000	0
26	20.12	0.000	0.000	0.004	0.004	7	27.47	0.000	0.000	0.008	0.008	18	1.308	0.000	0.000	0.001	0.001	0
27	28.07	0.000	0.000	0.005	0.005	12	66.66	0.000	0.000	0.007	0.007	41	5.726	0.000	0.000	0.005	0.005	2
28	36.93	0.000	0.000	0.005	0.005	14	50.45	0.000	0.000	0.005	0.005	24	11.26	0.000	0.000	0.006	0.006	6
29	20.30	0.000	0.000	0.002	0.002	3	102.3	0.000	0.000	0.005	0.005	41	9.209	0.000	0.000	0.005	0.005	4
30	17.19	0.000	0.000	0.005	0.005	7	44.52	0.000	0.000	0.005	0.005	20	4.782	0.000	0.000	0.003	0.003	1
31	19.80	0.000	0.000	0.006	0.006	9							4.498	0.000	0.000	0.003	0.003	1
Ten Daily Mean																		
Ten Daily I	25.23	0.000	0.000	0.005	0.005	10	11.87	0.000	0.000	0.005	0.005	5	27.34	0.000	0.000	0.008	0.008	24
Ten Daily II	50.09	0.000	0.000	0.005	0.005	21	21.18	0.000	0.000	0.014	0.014	25	15.58	0.000	0.000	0.004	0.004	5
Ten Daily III	31.29	0.000	0.000	0.005	0.005	15	39.54	0.000	0.000	0.006	0.006	19	4.187	0.000	0.000	0.003	0.003	2
Monthly																		
Total						478						491						298

Annual Sediment Load (Metric Tonnes) : 31346

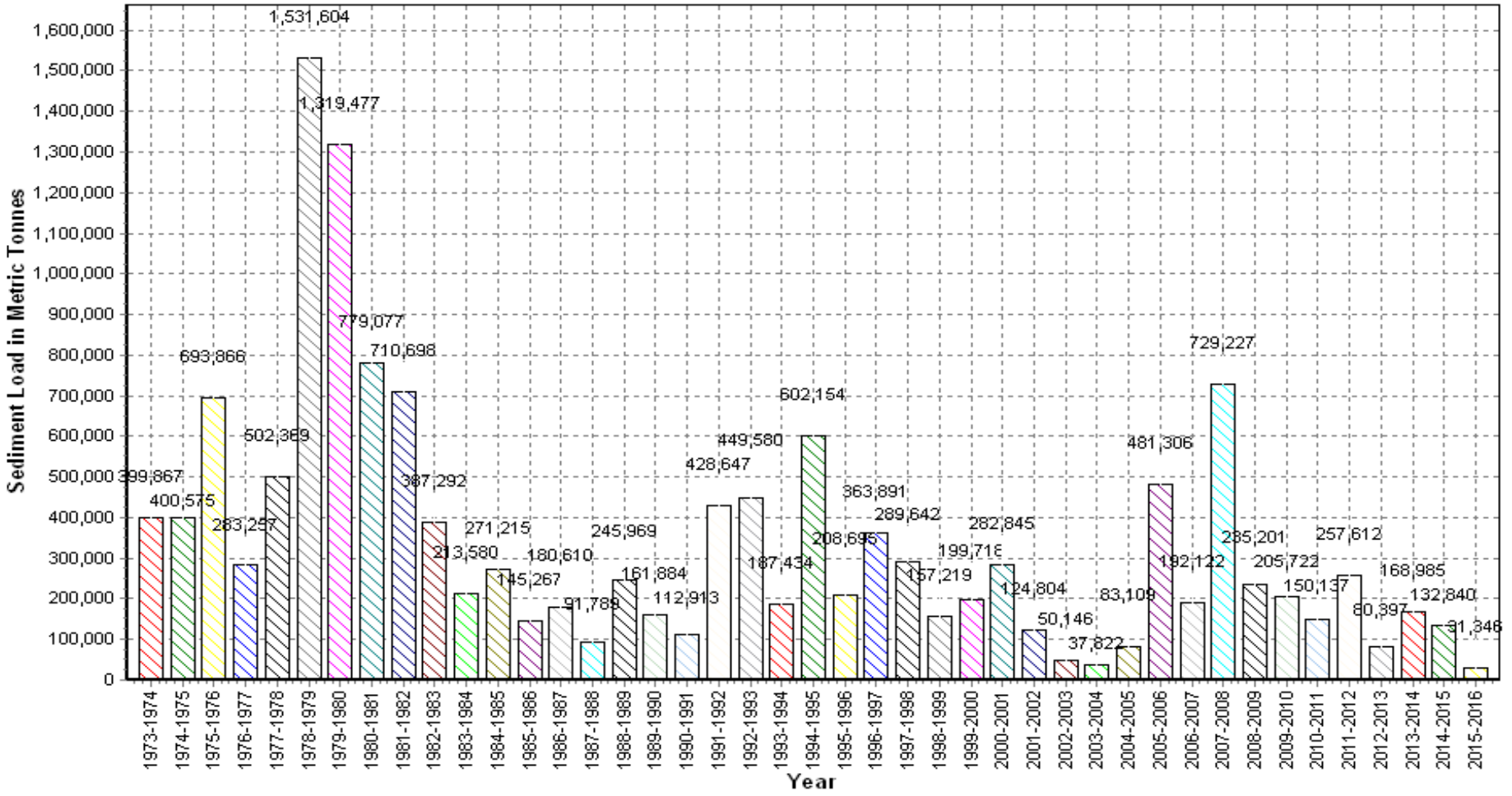
Annual Sediment Load for the period: 1973-2016

Station Name : KODUMUDI (CC000I7)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



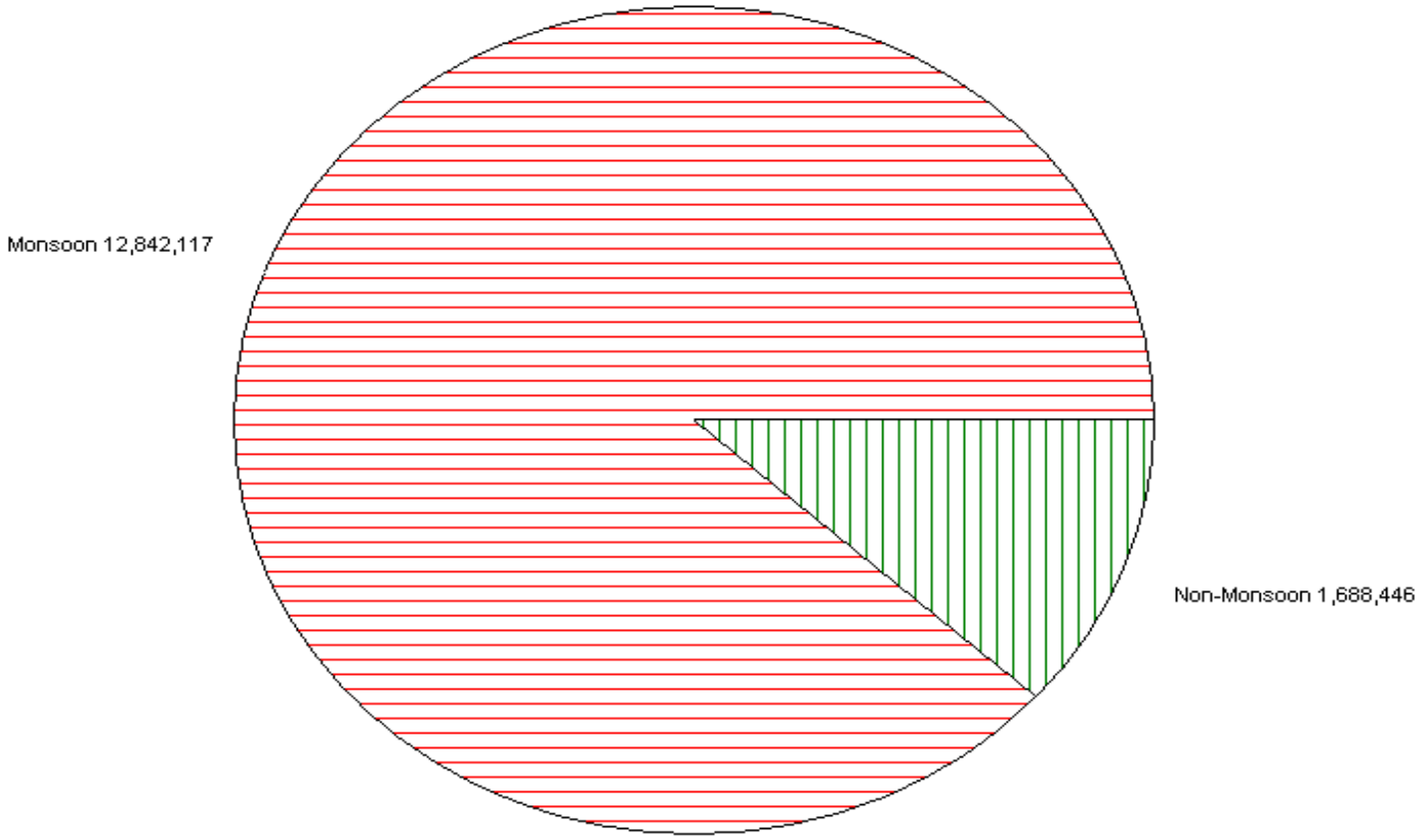
Seasonal Sediment Load for the period : 1973-2015

Station Name : KODUMUDI (CC000I7)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Lower Cauvery SD, Trichi



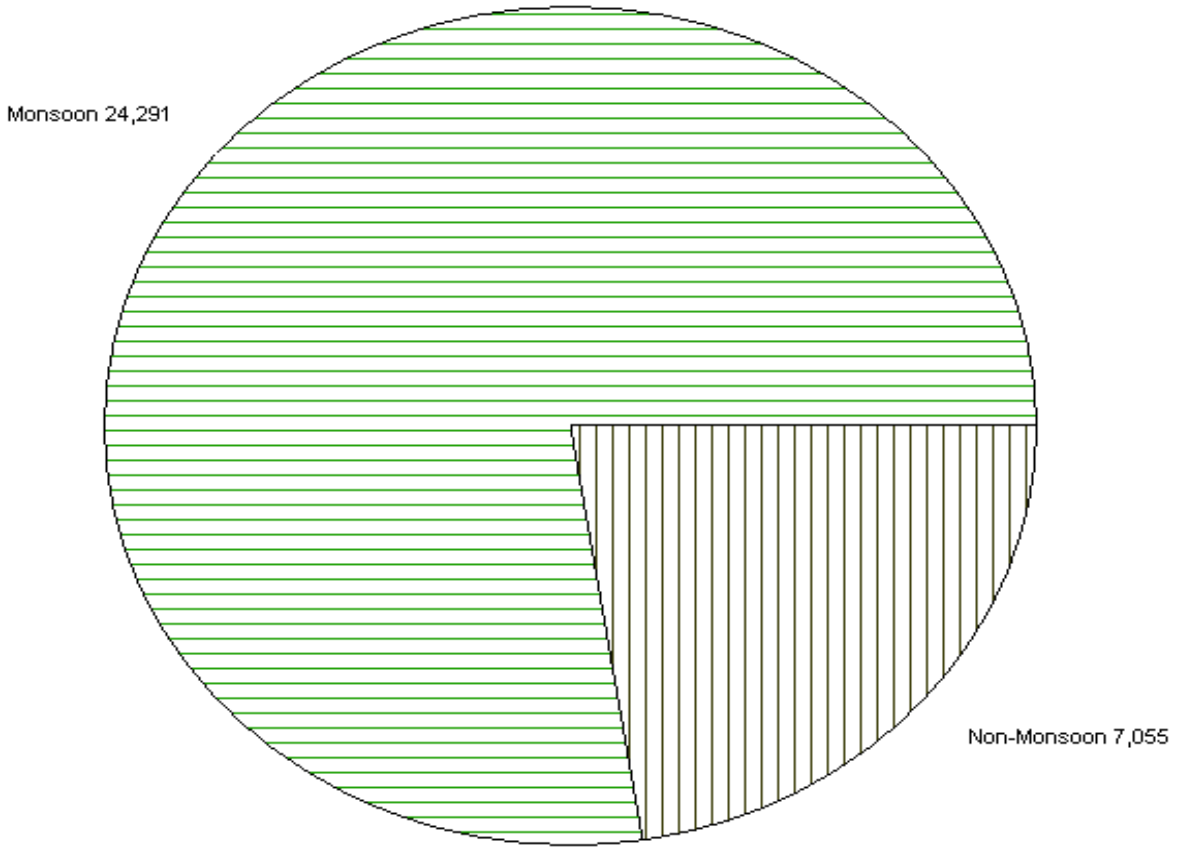
Seasonal Sediment Load for the Year: 2015-2016

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**

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 2015				**DATE OF COLLECTION**						**20/10/2015**						
1	100	123.390	-	-	-	-	-	-	8.0	0.84							
2	200	123.740	-	-	-	-	-	-	18.0	2.39							
3	300	-	121.940	123.410	1.50	414.0	0.666	395.60	19.0	2.57							
4	400	-	122.010	123.410	1.40	414.0	0.986	395.60	18.0	2.24							
5	500	-	122.100	123.410	1.31	414.0	0.598	395.60	16.0	0.68							
6	600	-	121.970	123.410	1.47	414.0	0.620	395.60	19.0	2.06	414.12	1.271	0.752	0.00063	395.600	19.0	1.80
	POST MONSOON 2015				**DATE OF COLLECTION**						**15/12/2015**						
1	100	123.380	-	-	-	100.0	-	-	19.0	1.20							
2	200	123.700	-	-	-	100.0	-	-	8.0	1.13							
3	300	-	121.905	122.440	0.49	351.0	-	23.830	23.0	3.79	351.02	0.426	0.159	0.00098			
4	400	-	122.015	122.440	0.42	100.0	-	-	19.0	3.12							
5	500	-	121.975	122.440	0.47	100.0	-	-	8.0	0.82							
6	600	-	121.965	122.440	0.47	100.0	-	-	6.0	0.63	-	-	-	-	*23.83	23.0	1.78
	PRE MONSOON 2016				**DATE OF COLLECTION**						**29/04/2016**						
1	100	123.520	-	-	-	100.0	-	-	12.0	0.71							
2	200	123.800	-	-	-	100.0	-	-	20.0	1.23							
3	300	-	121.900	122.600	0.70	358.0	0.203	102.07	17.0	2.47	358.03	0.608	0.469	0.00065	102.07		
4	400	-	121.940	122.600	0.66	100.0	0.715	-	20.0	2.07							
5	500	-	121.970	122.600	0.63	100.0	0.397	-	45.0	1.00							
6	600	-	121.940	122.600	0.66	100.0	0.641	-	20.0	2.42	-	-	-	-		45.0	1.65

NOTE: *Discharge at Temporary Section.

Annual Sediment Load for period : 1980-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	8.489	0.000	0.000	0.004	0.004	3	19.42	0.000	0.000	0.011	0.011	18	15.94	0.000	0.000	0.005	0.005	7
2	9.152	0.000	0.000	0.006	0.006	5	7.589	0.000	0.000	0.011	0.011	7	7.473	0.000	0.000	0.000	0.000	0
3	8.782	0.000	0.000	0.006	0.006	4	6.600	0.000	0.000	0.004	0.004	2	21.36	0.000	0.000	0.010	0.010	18
4	8.222	0.000	0.000	0.004	0.004	3	3.739	0.000	0.000	0.004	0.004	1	23.80	0.000	0.000	0.010	0.010	20
5	9.823	0.000	0.000	0.005	0.005	4	10.54	0.000	0.000	0.002	0.002	1	22.15	0.000	0.000	0.007	0.007	13
6	7.771	0.000	0.000	0.005	0.005	3	18.29	0.000	0.000	0.004	0.004	6	19.01	0.000	0.000	0.004	0.004	7
7	7.074	0.000	0.000	0.005	0.005	3	18.76	0.000	0.000	0.009	0.009	14	14.26	0.000	0.000	0.004	0.004	5
8	6.257	0.000	0.000	0.004	0.004	2	19.91	0.000	0.000	0.009	0.009	16	17.00	0.000	0.000	0.005	0.005	7
9	6.610	0.000	0.000	0.005	0.005	3	21.00	0.000	0.000	0.010	0.010	17	19.32	0.000	0.000	0.004	0.004	7
10	5.892	0.000	0.000	0.003	0.003	2	21.10	0.000	0.000	0.010	0.010	18	18.13	0.000	0.000	0.007	0.007	11
11	3.903	0.000	0.000	0.001	0.001	0	22.63	0.000	0.000	0.007	0.007	14	21.67	0.000	0.000	0.006	0.006	10
12	3.701	0.000	0.000	0.001	0.001	0	23.23	0.000	0.000	0.013	0.013	27	22.13	0.000	0.000	0.006	0.006	12
13	3.006	0.000	0.000	0.001	0.001	0	23.19	0.000	0.000	0.013	0.013	25	21.00	0.000	0.000	0.007	0.007	13
14	3.642	0.000	0.000	0.001	0.001	0	23.26	0.000	0.000	0.003	0.003	6	21.62	0.000	0.000	0.007	0.007	13
15	2.342	0.000	0.000	0.002	0.002	0	18.81	0.000	0.000	0.004	0.004	6	23.23	0.000	0.000	0.007	0.007	14
16	7.355	0.000	0.000	0.004	0.004	3	20.84	0.000	0.000	0.004	0.004	7	23.23	0.000	0.000	0.007	0.007	14
17	3.549	0.000	0.000	0.001	0.001	0	21.71	0.000	0.000	0.007	0.007	12	26.39	0.000	0.000	0.009	0.009	21
18	2.435	0.000	0.000	0.001	0.001	0	28.19	0.000	0.000	0.040	0.040	98	29.33	0.000	0.000	0.009	0.009	22
19	7.399	0.000	0.000	0.005	0.005	3	28.19	0.000	0.000	0.040	0.040	98	30.59	0.000	0.000	0.010	0.010	26
20	6.618	0.000	0.000	0.004	0.004	2	21.48	0.000	0.000	0.009	0.009	17	26.70	0.000	0.000	0.010	0.010	22
21	7.074	0.000	0.000	0.007	0.007	4	19.04	0.000	0.000	0.006	0.006	10	26.14	0.000	0.000	0.010	0.010	22
22	7.511	0.000	0.000	0.009	0.009	6	21.72	0.000	0.000	0.008	0.008	15	26.03	0.000	0.000	0.009	0.009	20
23	5.995	0.000	0.000	0.007	0.007	4	21.49	0.000	0.000	0.010	0.010	19	26.73	0.000	0.000	0.015	0.015	36
24	5.940	0.000	0.000	0.009	0.009	5	21.52	0.000	0.000	0.011	0.011	20	24.22	0.000	0.000	0.007	0.007	15
25	7.362	0.000	0.000	0.009	0.009	6	18.67	0.000	0.000	0.006	0.006	10	22.33	0.000	0.000	0.007	0.007	13
26	5.688	0.000	0.000	0.007	0.007	4	18.10	0.000	0.000	0.001	0.001	1	16.07	0.000	0.000	0.005	0.005	7
27	5.476	0.000	0.000	0.010	0.010	5	19.81	0.000	0.000	0.007	0.007	12	16.34	0.000	0.000	0.005	0.005	6
28	3.642	0.000	0.000	0.002	0.002	1	21.46	0.000	0.000	0.009	0.009	17	22.30	0.000	0.000	0.006	0.006	12
29	4.188	0.000	0.000	0.009	0.009	3	19.73	0.000	0.000	0.006	0.006	11	23.63	0.000	0.000	0.006	0.006	11
30	4.781	0.000	0.000	0.009	0.009	4	17.95	0.000	0.000	0.006	0.006	9	23.23	0.000	0.000	0.007	0.007	13
31							19.00	0.000	0.000	0.008	0.008	12	22.82	0.000	0.000	0.007	0.007	13
Ten Daily Mean																		
Ten Daily I	7.807	0.000	0.000	0.005	0.005	3	14.69	0.000	0.000	0.007	0.007	10	17.84	0.000	0.000	0.006	0.006	10
Ten Daily II	4.395	0.000	0.000	0.002	0.002	1	23.15	0.000	0.000	0.014	0.014	31	24.59	0.000	0.000	0.008	0.008	17
Ten Daily III	5.766	0.000	0.000	0.008	0.008	4	19.86	0.000	0.000	0.007	0.007	12	22.71	0.000	0.000	0.007	0.007	15
Monthly																		
Total						81						548						430

Annual Sediment Load (Metric Tonnes) : 3499

Daily Observed Sediment Datasheet for period : 2015-2016

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	22.69	0.000	0.000	0.007	0.007	13	19.29	0.000	0.000	0.007	0.007	11	18.10	0.000	0.000	0.007	0.007	11
2	21.55	0.000	0.000	0.006	0.006	12	13.03	0.000	0.000	0.004	0.004	5	14.28	0.000	0.000	0.003	0.003	4
3	22.18	0.000	0.000	0.007	0.007	13	13.60	0.000	0.000	0.004	0.004	5	14.85	0.000	0.000	0.004	0.004	5
4	25.88	0.000	0.000	0.007	0.007	16	13.03	0.000	0.000	0.004	0.004	5	8.294	0.000	0.000	0.003	0.003	2
5	28.09	0.000	0.000	0.009	0.009	21	25.69	0.000	0.000	0.007	0.007	16	22.19	0.000	0.000	0.007	0.007	12
6	36.04	0.000	0.000	0.016	0.016	50	39.18	0.000	0.001	0.010	0.012	39	15.67	0.000	0.000	0.005	0.005	6
7	23.08	0.000	0.000	0.006	0.006	13	15.73	0.000	0.000	0.005	0.005	7	14.98	0.000	0.000	0.005	0.005	7
8	23.67	0.000	0.000	0.007	0.007	14	13.51	0.000	0.000	0.005	0.005	6	32.01	0.000	0.000	0.011	0.011	30
9	16.85	0.000	0.000	0.004	0.004	6	6.021	0.000	0.000	0.003	0.003	2	15.46	0.000	0.000	0.005	0.005	7
10	15.73	0.000	0.000	0.004	0.004	6	6.124	0.000	0.000	0.004	0.004	2	16.90	0.000	0.000	0.005	0.005	8
11	13.75	0.000	0.000	0.003	0.003	4	7.882	0.000	0.000	0.002	0.002	1	30.16	0.000	0.000	0.010	0.010	25
12	16.84	0.000	0.000	0.004	0.004	6	138.0	0.004	0.004	0.035	0.043	513	17.40	0.000	0.000	0.007	0.007	10
13	21.24	0.000	0.000	0.005	0.005	10	36.38	0.000	0.000	0.026	0.026	83	13.09	0.000	0.000	0.004	0.004	5
14	19.14	0.000	0.000	0.007	0.007	11	15.67	0.000	0.000	0.005	0.005	7	9.838	0.000	0.000	0.005	0.005	4
15	17.69	0.000	0.000	0.005	0.005	7	8.973	0.000	0.000	0.005	0.005	4	9.617	0.000	0.000	0.005	0.005	4
16	16.66	0.000	0.000	0.006	0.006	9	6.360	0.000	0.000	0.005	0.005	3	9.619	0.000	0.000	0.005	0.005	4
17	18.10	0.000	0.000	0.005	0.005	7	19.30	0.000	0.000	0.007	0.007	12	8.577	0.000	0.000	0.005	0.005	4
18	20.47	0.000	0.000	0.007	0.007	12	19.95	0.000	0.000	0.007	0.007	12	7.791	0.000	0.000	0.005	0.005	3
19	20.33	0.000	0.000	0.008	0.008	14	17.35	0.000	0.000	0.007	0.007	10	7.469	0.000	0.000	0.005	0.005	3
20	18.10	0.000	0.000	0.006	0.006	9	22.86	0.000	0.000	0.007	0.007	14	9.335	0.000	0.000	0.005	0.005	4
21	18.79	0.000	0.000	0.007	0.007	12	18.70	0.000	0.000	0.007	0.007	11	15.57	0.000	0.000	0.003	0.003	4
22	18.58	0.000	0.000	0.007	0.007	11	19.32	0.000	0.000	0.007	0.007	12	12.51	0.000	0.000	0.004	0.004	4
23	17.01	0.000	0.000	0.005	0.005	7	16.85	0.000	0.000	0.005	0.005	7	15.15	0.000	0.000	0.003	0.003	4
24	19.32	0.000	0.000	0.007	0.007	12	15.19	0.000	0.000	0.005	0.005	7	14.57	0.000	0.000	0.004	0.004	4
25	30.93	0.000	0.000	0.008	0.008	20	14.09	0.000	0.000	0.005	0.005	6	11.02	0.000	0.000	0.005	0.005	4
26	17.21	0.000	0.000	0.005	0.005	7	15.64	0.000	0.000	0.005	0.005	7	8.246	0.000	0.000	0.007	0.007	5
27	13.55	0.000	0.000	0.004	0.004	5	15.09	0.000	0.000	0.004	0.004	5	6.722	0.000	0.000	0.004	0.004	2
28	13.72	0.000	0.000	0.004	0.004	5	21.42	0.000	0.000	0.007	0.007	13	6.161	0.000	0.000	0.005	0.005	3
29	13.64	0.000	0.000	0.004	0.004	5	15.18	0.000	0.000	0.005	0.005	7	5.936	0.000	0.000	0.005	0.005	3
30	16.26	0.000	0.000	0.005	0.005	7	9.955	0.000	0.000	0.004	0.004	4	28.57	0.000	0.001	0.006	0.007	17
31							9.371	0.000	0.000	0.004	0.004	3						
Ten Daily Mean																		
Ten Daily I	23.58	0.000	0.000	0.007	0.007	16	16.52	0.000	0.000	0.005	0.005	10	17.27	0.000	0.000	0.005	0.005	9
Ten Daily II	18.23	0.000	0.000	0.006	0.006	9	29.27	0.000	0.000	0.011	0.011	66	12.29	0.000	0.000	0.005	0.005	7
Ten Daily III	17.90	0.000	0.000	0.006	0.006	9	15.53	0.000	0.000	0.005	0.005	7	12.45	0.000	0.000	0.004	0.005	5
Monthly																		
Total						341						836						208

Annual Sediment Load (Metric Tonnes) : 3499

Daily Observed Sediment Datasheet for period : 2015-2016

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	31.40	0.000	0.002	0.009	0.011	30	3.875	0.000	0.000	0.001	0.001	0	20.52	0.000	0.000	0.007	0.007	12
2	16.63	0.000	0.000	0.008	0.008	12	4.024	0.000	0.000	0.001	0.001	0	19.91	0.000	0.000	0.006	0.006	11
3	17.08	0.000	0.000	0.008	0.008	12	6.637	0.000	0.000	0.001	0.001	1	18.90	0.000	0.000	0.006	0.006	10
4	14.29	0.000	0.000	0.007	0.007	9	6.785	0.000	0.000	0.001	0.001	1	18.55	0.000	0.000	0.006	0.006	10
5	9.289	0.000	0.000	0.005	0.005	4	8.416	0.000	0.000	0.002	0.002	1	18.56	0.000	0.000	0.006	0.006	10
6	9.567	0.000	0.000	0.005	0.005	4	9.866	0.000	0.000	0.002	0.002	1	16.66	0.000	0.000	0.006	0.006	9
7	8.554	0.000	0.000	0.007	0.007	5	13.26	0.000	0.000	0.005	0.005	6	18.75	0.000	0.000	0.006	0.006	10
8	7.259	0.000	0.000	0.005	0.005	3	9.333	0.000	0.000	0.002	0.002	1	18.70	0.000	0.000	0.006	0.006	10
9	7.331	0.000	0.000	0.005	0.005	3	14.87	0.000	0.000	0.007	0.007	8	16.72	0.000	0.000	0.007	0.007	10
10	7.568	0.000	0.000	0.005	0.005	3	14.89	0.000	0.000	0.007	0.007	9	15.30	0.000	0.000	0.003	0.003	4
11	8.443	0.000	0.000	0.007	0.007	5	18.01	0.000	0.000	0.010	0.010	15	13.18	0.000	0.000	0.003	0.003	3
12	8.435	0.000	0.000	0.007	0.007	5	19.20	0.000	0.000	0.011	0.011	18	13.18	0.000	0.000	0.002	0.002	3
13	9.110	0.000	0.000	0.008	0.008	6	16.88	0.000	0.000	0.009	0.009	12	13.57	0.000	0.000	0.002	0.002	3
14	8.704	0.000	0.000	0.006	0.006	5	16.06	0.000	0.000	0.003	0.003	4	14.89	0.000	0.000	0.002	0.002	3
15	15.79	0.000	0.000	0.006	0.006	9	16.75	0.000	0.000	0.008	0.008	12	15.68	0.000	0.000	0.003	0.003	4
16	9.977	0.000	0.000	0.007	0.007	6	17.41	0.000	0.000	0.009	0.009	13	15.75	0.000	0.000	0.003	0.003	4
17	9.067	0.000	0.000	0.009	0.009	7	18.75	0.000	0.000	0.010	0.010	17	15.52	0.000	0.000	0.003	0.003	4
18	7.214	0.000	0.000	0.004	0.004	3	17.49	0.000	0.000	0.008	0.008	13	15.02	0.000	0.000	0.003	0.003	4
19	6.707	0.000	0.000	0.002	0.002	1	18.06	0.000	0.000	0.008	0.008	13	13.12	0.000	0.000	0.002	0.002	2
20	10.04	0.000	0.000	0.007	0.007	6	17.62	0.000	0.000	0.008	0.008	13	14.04	0.000	0.000	0.003	0.003	4
21	8.501	0.000	0.000	0.001	0.001	1	17.01	0.000	0.000	0.009	0.009	13	14.89	0.000	0.000	0.002	0.002	3
22	6.499	0.000	0.000	0.001	0.001	1	15.22	0.000	0.000	0.003	0.003	4	13.67	0.000	0.000	0.002	0.002	2
23	6.044	0.000	0.000	0.002	0.002	1	14.93	0.000	0.000	0.002	0.002	3	13.22	0.000	0.000	0.002	0.002	2
24	5.238	0.000	0.000	0.002	0.002	1	12.59	0.000	0.000	0.002	0.002	2	21.38	0.000	0.000	0.004	0.004	7
25	11.02	0.000	0.000	0.008	0.008	8	14.09	0.000	0.000	0.002	0.002	3	24.55	0.000	0.000	0.005	0.005	10
26	9.545	0.000	0.000	0.001	0.001	1	14.89	0.000	0.000	0.002	0.002	3	20.02	0.000	0.000	0.006	0.006	11
27	9.110	0.000	0.000	0.009	0.009	7	15.37	0.000	0.000	0.003	0.003	4	18.78	0.000	0.000	0.006	0.006	10
28	7.534	0.000	0.000	0.004	0.004	3	15.22	0.000	0.000	0.003	0.003	4	16.75	0.000	0.000	0.007	0.007	10
29	7.935	0.000	0.000	0.001	0.001	1	14.88	0.000	0.000	0.003	0.003	4	15.42	0.000	0.000	0.003	0.003	4
30	4.578	0.000	0.000	0.001	0.001	0	15.02	0.000	0.000	0.003	0.003	4						
31	4.211	0.000	0.000	0.001	0.001	0	14.89	0.000	0.000	0.002	0.002	3						
Ten Daily Mean																		
Ten Daily I	12.90	0.000	0.000	0.006	0.007	8	9.196	0.000	0.000	0.003	0.003	3	18.26	0.000	0.000	0.006	0.006	10
Ten Daily II	9.349	0.000	0.000	0.006	0.006	5	17.62	0.000	0.000	0.008	0.008	13	14.40	0.000	0.000	0.003	0.003	3
Ten Daily III	7.292	0.000	0.000	0.003	0.003	2	14.92	0.000	0.000	0.003	0.003	4	17.63	0.000	0.000	0.004	0.004	7
Monthly																		
Total						161						204						189

Annual Sediment Load (Metric Tonnes) : 3499

Daily Observed Sediment Datasheet for period : 2015-2016

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	14.79	0.000	0.000	0.003	0.003	4	16.27	0.000	0.000	0.008	0.008	12	7.018	0.000	0.000	0.012	0.012	7
2	14.69	0.000	0.000	0.002	0.002	3	16.20	0.000	0.000	0.008	0.008	11	5.280	0.000	0.000	0.009	0.009	4
3	16.75	0.000	0.000	0.007	0.007	9	18.75	0.000	0.000	0.009	0.009	15	5.890	0.000	0.000	0.003	0.003	2
4	15.74	0.000	0.000	0.003	0.003	4	17.02	0.000	0.000	0.009	0.009	14	4.079	0.000	0.000	0.005	0.005	2
5	17.16	0.000	0.000	0.006	0.006	9	16.65	0.000	0.000	0.008	0.008	12	4.089	0.000	0.000	0.002	0.002	1
6	14.89	0.000	0.000	0.002	0.002	3	15.93	0.000	0.000	0.006	0.006	8	4.455	0.000	0.000	0.005	0.005	2
7	15.69	0.000	0.000	0.003	0.003	4	18.75	0.000	0.000	0.009	0.009	15	4.472	0.000	0.000	0.005	0.005	2
8	16.94	0.000	0.000	0.006	0.006	9	17.06	0.000	0.000	0.008	0.008	11	5.238	0.000	0.000	0.005	0.005	2
9	13.28	0.000	0.000	0.002	0.002	2	71.37	0.000	0.000	0.003	0.003	21	5.292	0.000	0.000	0.005	0.005	2
10	13.68	0.000	0.000	0.002	0.002	3	24.75	0.000	0.000	0.012	0.012	26	5.293	0.000	0.000	0.005	0.005	2
11	13.57	0.000	0.000	0.002	0.002	3	9.220	0.000	0.000	0.003	0.003	2	7.552	0.000	0.000	0.004	0.004	3
12	13.60	0.000	0.000	0.002	0.002	3	7.564	0.000	0.000	0.003	0.003	2	6.871	0.000	0.000	0.002	0.002	1
13	10.52	0.000	0.000	0.002	0.002	2	15.30	0.000	0.000	0.007	0.007	10	3.416	0.000	0.000	0.004	0.004	1
14	10.02	0.000	0.000	0.002	0.002	2	20.16	0.000	0.000	0.001	0.001	2	5.916	0.000	0.000	0.004	0.004	2
15	13.00	0.000	0.000	0.003	0.003	3	16.19	0.000	0.000	0.008	0.008	12	5.913	0.000	0.000	0.006	0.006	3
16	16.98	0.000	0.000	0.003	0.003	5	18.61	0.000	0.000	0.010	0.010	15	5.904	0.000	0.000	0.004	0.004	2
17	16.49	0.000	0.000	0.003	0.003	5	18.07	0.000	0.000	0.009	0.009	14	7.898	0.000	0.000	0.002	0.002	1
18	15.55	0.000	0.000	0.003	0.003	4	17.61	0.000	0.000	0.008	0.008	12	8.033	0.000	0.000	0.003	0.003	2
19	12.91	0.000	0.000	0.003	0.003	3	16.10	0.000	0.000	0.007	0.007	10	6.766	0.000	0.000	0.007	0.007	4
20	12.59	0.000	0.000	0.003	0.003	3	14.89	0.000	0.000	0.009	0.009	12	5.822	0.000	0.000	0.002	0.002	1
21	15.61	0.000	0.000	0.003	0.003	5	13.64	0.000	0.000	0.003	0.003	4	5.570	0.000	0.000	0.005	0.005	2
22	14.97	0.000	0.000	0.003	0.003	4	13.36	0.000	0.000	0.004	0.004	5	4.611	0.000	0.000	0.005	0.005	2
23	9.978	0.000	0.000	0.003	0.003	3	15.21	0.000	0.000	0.009	0.009	12	3.332	0.000	0.000	0.005	0.005	1
24	17.61	0.000	0.000	0.004	0.004	6	15.49	0.000	0.000	0.009	0.009	12	3.094	0.000	0.000	0.004	0.004	1
25	20.16	0.000	0.000	0.005	0.005	9	18.53	0.000	0.000	0.010	0.010	16	2.302	0.000	0.000	0.006	0.006	1
26	18.91	0.000	0.000	0.004	0.004	6	13.45	0.000	0.000	0.005	0.005	6	3.618	0.000	0.000	0.006	0.006	2
27	19.45	0.000	0.000	0.004	0.004	7	10.56	0.000	0.000	0.004	0.004	3	6.663	0.000	0.000	0.004	0.004	2
28	17.25	0.000	0.000	0.004	0.004	6	13.62	0.000	0.000	0.005	0.005	6	3.747	0.000	0.000	0.005	0.005	2
29	15.74	0.000	0.000	0.004	0.004	5	10.12	0.000	0.000	0.004	0.004	3	4.029	0.000	0.000	0.005	0.005	2
30	14.84	0.000	0.000	0.004	0.004	5	9.184	0.000	0.000	0.003	0.003	3	3.557	0.000	0.000	0.004	0.004	1
31	15.57	0.000	0.000	0.004	0.004	5							3.430	0.000	0.000	0.006	0.006	2
Ten Daily Mean																		
Ten Daily I	15.36	0.000	0.000	0.004	0.004	5	23.27	0.000	0.000	0.008	0.008	14	5.111	0.000	0.000	0.006	0.006	3
Ten Daily II	13.52	0.000	0.000	0.003	0.003	3	15.37	0.000	0.000	0.007	0.007	9	6.409	0.000	0.000	0.004	0.004	2
Ten Daily III	16.37	0.000	0.000	0.004	0.004	5	13.32	0.000	0.000	0.006	0.006	7	3.996	0.000	0.000	0.005	0.005	2
Monthly																		
Total						143						303						66

Annual Sediment Load (Metric Tonnes) : 3499

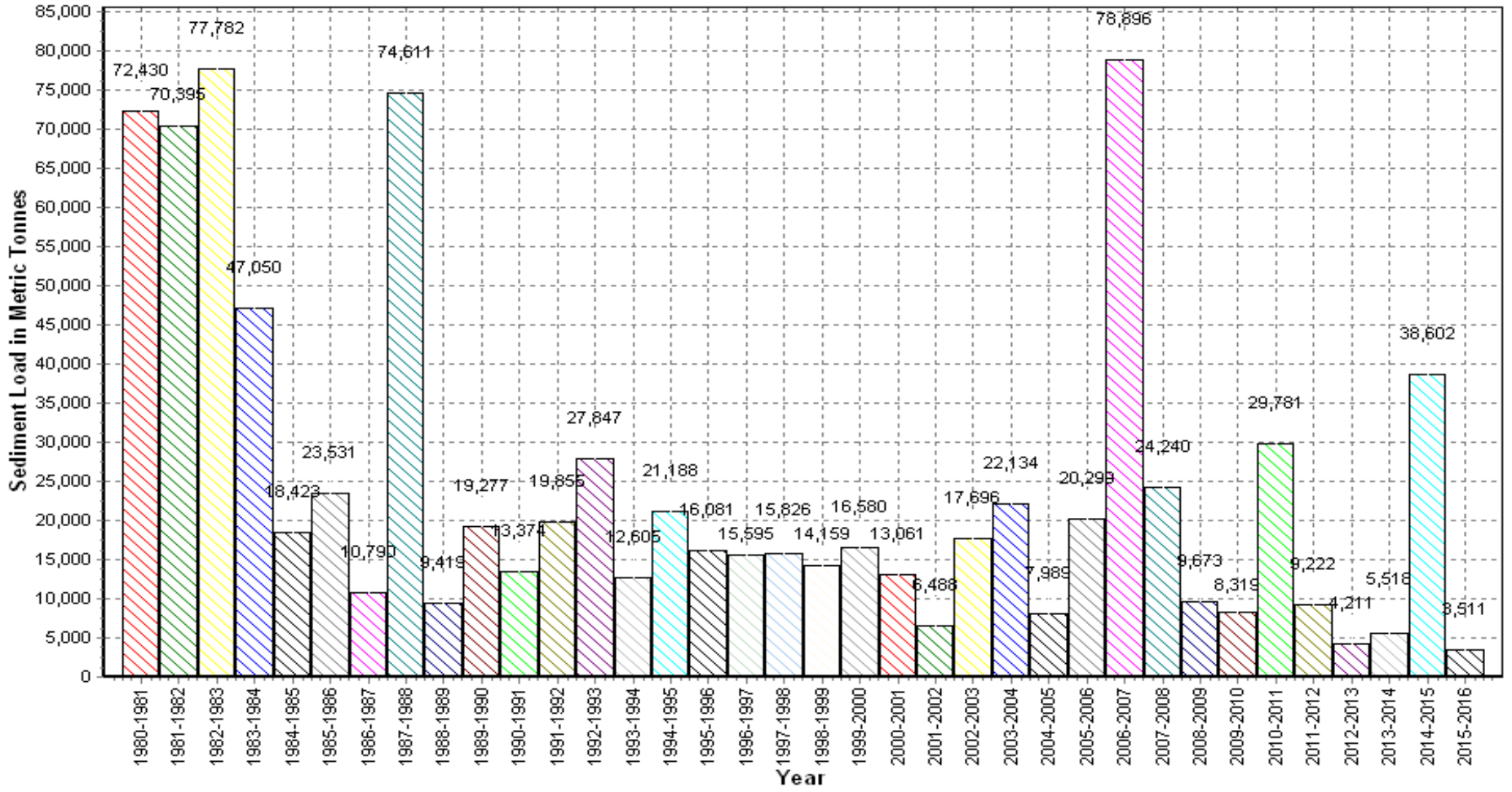
Annual Sediment Load for the period: 1980-2016

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



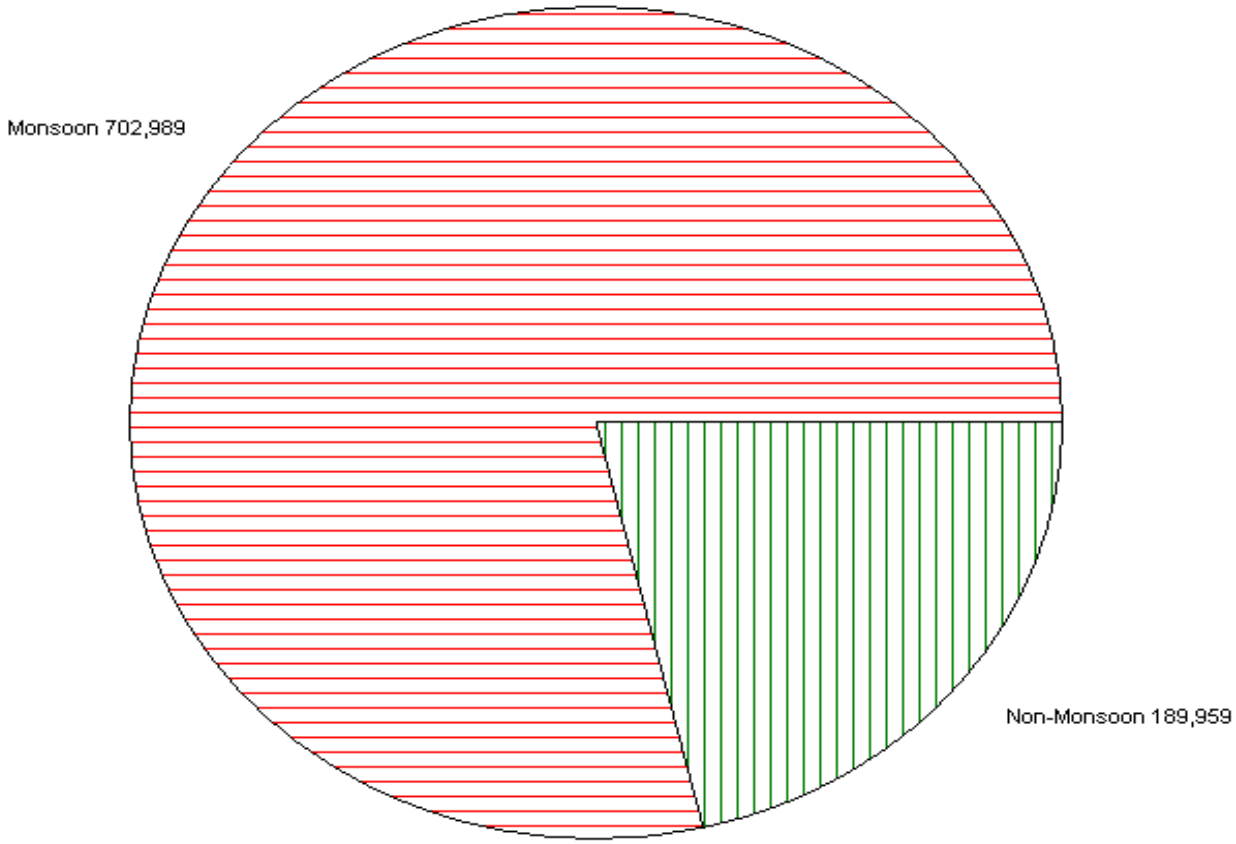
Seasonal Sediment Load for the period : 1980-2015

Station Name : SAVANDAPUR (CCG00E3)

Local River : Bhavani

Division : SR Division, Coimbatore

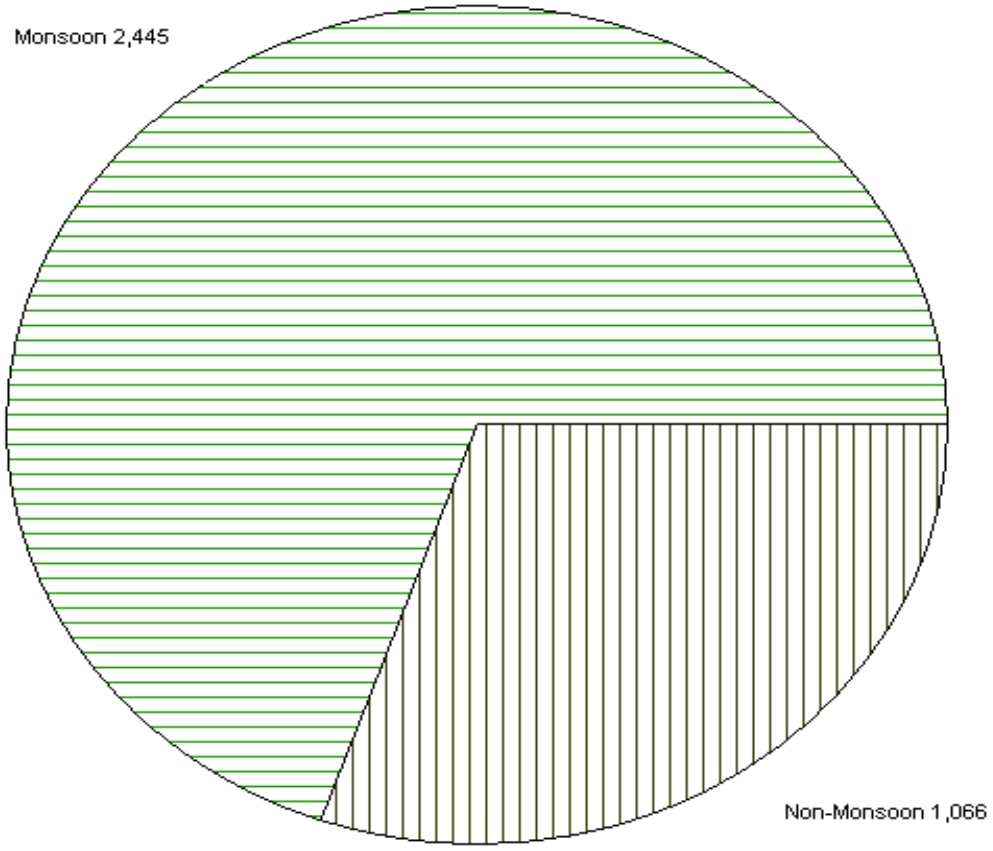
Sub-Division : Middle Cauvery SD, Coimbatore



Seasonal Sediment Load for the Year: 2015-2016

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**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015					**DATE OF COLLECTION**				**21/11/2015**								
1	25	183.710	-	-	-	-	-	-	15.0	1.94							
2	65	-	179.640	181.050	1.41	81.0	0.206	15.57	9.0	1.21							
3	100	-	179.840	181.050	1.21	81.0	0.266	15.57	18.0	2.67							
4	125	183.925	-	-	-		-	-	19.0	1.40	81.41	1.149	0.166	0.00005	15.570	19.0	1.81
POST MONSOON 2015					**DATE OF COLLECTION**				**21/12/2015**								
1	25	183.720	-		-		-	-	18.0	2.23							
2	65	-	179.590	180.890	1.30	80.0	-	8.498	8.0	1.05							
3	100	-	179.800	180.890	1.09	80.0	-	8.498	17.0	2.50							
4	125	183.440	-		-		-	-	18.0	1.17	80.37	1.032	0.102	-	8.498	18.0	1.74
PRE MONSOON 2016					**DATE OF COLLECTION**				**18/05/2016**								
1	25	183.650	-		-		-	-	16.0	2.01							
2	65	-	179.620	180.870	1.25	80.0	-	8.034	19.0	1.26							
3	100	-	179.830	180.870	1.04	80.0	-	8.034	20.0	2.60							
4	125	183.570	-		-		-	-	20.0	1.92	80.35	1.021	0.098	0.00000	8.034	20.0	1.95

Annual Sediment Load for period : 2002-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	8.089	0.000	0.000	0.000	0.000	0	6.120	0.000	0.000	0.000	0.000	0	5.700	0.000	0.000	0.000	0.000	0
2	9.643	0.000	0.000	0.001	0.001	0	6.466	0.000	0.000	0.000	0.000	0	8.640	0.000	0.000	0.000	0.000	0
3	7.840	0.000	0.001	0.000	0.001	1	9.395	0.000	0.000	0.000	0.000	0	4.728	0.000	0.000	0.000	0.000	0
4	7.362	0.000	0.000	0.000	0.000	0	7.065	0.000	0.000	0.000	0.000	0	2.842	0.000	0.000	0.000	0.000	0
5	7.531	0.000	0.000	0.000	0.000	0	6.976	0.000	0.000	0.000	0.000	0	4.668	0.000	0.000	0.000	0.000	0
6	8.173	0.000	0.000	0.001	0.001	0	6.189	0.000	0.000	0.000	0.000	0	3.301	0.000	0.000	0.000	0.000	0
7	6.976	0.000	0.000	0.003	0.003	2	9.888	0.000	0.000	0.000	0.000	0	4.880	0.000	0.000	0.000	0.000	0
8	9.857	0.000	0.000	0.001	0.001	0	9.702	0.000	0.000	0.000	0.000	0	5.857	0.000	0.000	0.000	0.000	0
9	9.159	0.000	0.000	0.000	0.000	0	6.455	0.000	0.000	0.000	0.000	0	2.325	0.000	0.000	0.000	0.000	0
10	7.204	0.000	0.000	0.000	0.000	0	10.10	0.000	0.000	0.000	0.000	0	3.607	0.000	0.000	0.000	0.000	0
11	6.913	0.000	0.000	0.000	0.000	0	9.738	0.000	0.000	0.000	0.000	0	9.303	0.000	0.000	0.000	0.000	0
12	8.131	0.000	0.000	0.000	0.000	0	6.344	0.000	0.000	0.000	0.000	0	4.655	0.000	0.000	0.000	0.000	0
13	5.074	0.000	0.000	0.000	0.000	0	4.759	0.000	0.000	0.000	0.000	0	5.935	0.000	0.000	0.000	0.000	0
14	5.145	0.000	0.000	0.000	0.000	0	7.078	0.000	0.000	0.000	0.000	0	7.529	0.000	0.000	0.000	0.000	0
15	5.550	0.000	0.000	0.000	0.000	0	5.753	0.000	0.000	0.000	0.000	0	3.770	0.000	0.000	0.000	0.000	0
16	6.809	0.000	0.000	0.000	0.000	0	8.992	0.000	0.000	0.000	0.000	0	6.344	0.000	0.000	0.000	0.000	0
17	6.427	0.000	0.000	0.000	0.000	0	5.758	0.000	0.000	0.000	0.000	0	6.488	0.000	0.000	0.000	0.000	0
18	2.084	0.000	0.000	0.000	0.000	0	3.770	0.000	0.000	0.000	0.000	0	11.19	0.000	0.000	0.000	0.000	0
19	2.528	0.000	0.000	0.000	0.000	0	5.436	0.000	0.000	0.000	0.000	0	7.708	0.000	0.000	0.000	0.000	0
20	8.212	0.000	0.000	0.000	0.000	0	14.08	0.000	0.000	0.000	0.000	0	7.172	0.000	0.000	0.000	0.000	0
21	13.50	0.000	0.000	0.001	0.001	1	7.162	0.000	0.000	0.000	0.000	0	7.016	0.000	0.000	0.000	0.000	0
22	18.58	0.000	0.000	0.001	0.001	2	13.68	0.000	0.000	0.000	0.000	0	3.384	0.000	0.000	0.000	0.000	0
23	31.47	0.000	0.001	0.001	0.002	7	6.946	0.000	0.000	0.000	0.000	0	6.657	0.000	0.000	0.000	0.000	0
24	38.30	0.000	0.001	0.001	0.003	9	6.406	0.000	0.000	0.000	0.000	0	5.351	0.000	0.000	0.000	0.000	0
25	32.16	0.000	0.001	0.001	0.001	4	4.879	0.000	0.000	0.000	0.000	0	5.318	0.000	0.000	0.000	0.000	0
26	36.67	0.000	0.001	0.001	0.002	5	8.988	0.000	0.000	0.000	0.000	0	5.444	0.000	0.000	0.000	0.000	0
27	34.23	0.000	0.000	0.001	0.001	1	5.008	0.000	0.000	0.000	0.000	0	3.823	0.000	0.000	0.000	0.000	0
28	18.16	0.000	0.000	0.001	0.001	1	8.790	0.000	0.000	0.000	0.000	0	3.175	0.000	0.000	0.000	0.000	0
29	9.332	0.000	0.000	0.000	0.000	0	10.84	0.000	0.000	0.000	0.000	0	3.524	0.000	0.000	0.000	0.000	0
30	10.04	0.000	0.000	0.000	0.000	0	6.530	0.000	0.000	0.000	0.000	0	8.640	0.000	0.000	0.000	0.000	0
31							4.449	0.000	0.000	0.000	0.000	0	3.144	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	8.183	0.000	0.000	0.001	0.001	0	7.835	0.000	0.000	0.000	0.000	0	4.655	0.000	0.000	0.000	0.000	0
Ten Daily II	5.687	0.000	0.000	0.000	0.000	0	7.171	0.000	0.000	0.000	0.000	0	7.010	0.000	0.000	0.000	0.000	0
Ten Daily III	24.24	0.000	0.000	0.001	0.001	3	7.607	0.000	0.000	0.000	0.000	0	5.043	0.000	0.000	0.000	0.000	0
Monthly																		
Total						36						6						4

Annual Sediment Load (Metric Tonnes) : 80

Daily Observed Sediment Datasheet for period : 2015-2016

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	6.838	0.000	0.000	0.000	0.000	0	12.52	0.000	0.000	0.000	0.000	0	9.696	0.000	0.000	0.000	0.000	0
2	4.781	0.000	0.000	0.000	0.000	0	13.10	0.000	0.000	0.000	0.000	0	8.248	0.000	0.000	0.000	0.000	0
3	6.243	0.000	0.000	0.000	0.000	0	9.747	0.000	0.000	0.000	0.000	0	10.43	0.000	0.000	0.000	0.000	0
4	9.221	0.000	0.000	0.000	0.000	0	7.298	0.000	0.000	0.000	0.000	0	7.586	0.000	0.000	0.000	0.000	0
5	8.554	0.000	0.000	0.000	0.000	0	6.864	0.000	0.000	0.000	0.000	0	13.48	0.000	0.000	0.000	0.001	1
6	10.42	0.000	0.000	0.000	0.000	0	9.720	0.000	0.000	0.000	0.000	0	11.76	0.000	0.000	0.000	0.000	0
7	9.416	0.000	0.000	0.000	0.000	0	8.478	0.000	0.000	0.000	0.000	0	9.718	0.000	0.000	0.000	0.000	0
8	10.09	0.000	0.000	0.000	0.001	0	6.464	0.000	0.000	0.000	0.000	0	16.41	0.000	0.000	0.000	0.000	0
9	9.602	0.000	0.000	0.000	0.000	0	6.831	0.000	0.000	0.000	0.000	0	10.62	0.000	0.000	0.000	0.000	0
10	6.158	0.000	0.000	0.000	0.000	0	6.755	0.000	0.000	0.000	0.000	0	15.56	0.000	0.000	0.000	0.000	0
11	3.537	0.000	0.000	0.000	0.000	0	5.436	0.000	0.000	0.000	0.000	0	27.36	0.000	0.000	0.000	0.001	1
12	3.089	0.000	0.000	0.000	0.000	0	14.07	0.000	0.000	0.000	0.001	1	21.80	0.000	0.000	0.000	0.000	0
13	2.780	0.000	0.000	0.000	0.000	0	12.62	0.000	0.000	0.000	0.000	0	21.38	0.000	0.000	0.000	0.000	0
14	2.582	0.000	0.000	0.000	0.000	0	10.21	0.000	0.000	0.000	0.000	0	13.07	0.000	0.000	0.000	0.000	0
15	2.089	0.000	0.000	0.000	0.000	0	7.680	0.000	0.000	0.000	0.000	0	14.31	0.000	0.000	0.000	0.000	0
16	2.194	0.000	0.000	0.000	0.000	0	15.18	0.000	0.000	0.000	0.000	0	12.16	0.000	0.000	0.000	0.000	0
17	4.033	0.000	0.000	0.000	0.000	0	8.150	0.000	0.000	0.000	0.000	0	20.79	0.000	0.000	0.000	0.000	0
18	2.598	0.000	0.000	0.000	0.000	0	4.858	0.000	0.000	0.000	0.000	0	17.15	0.000	0.000	0.000	0.000	0
19	2.897	0.000	0.000	0.000	0.000	0	7.513	0.000	0.000	0.000	0.000	0	17.36	0.000	0.000	0.000	0.000	0
20	1.697	0.000	0.000	0.000	0.000	0	7.772	0.000	0.000	0.000	0.000	0	22.43	0.000	0.000	0.000	0.001	1
21	2.512	0.000	0.000	0.000	0.000	0	6.657	0.000	0.000	0.000	0.000	0	24.71	0.000	0.000	0.000	0.001	1
22	6.894	0.000	0.000	0.000	0.000	0	8.297	0.000	0.000	0.000	0.000	0	18.61	0.000	0.000	0.000	0.000	0
23	6.927	0.000	0.000	0.000	0.000	0	12.54	0.000	0.000	0.000	0.000	0	18.34	0.000	0.000	0.000	0.000	1
24	11.93	0.000	0.000	0.000	0.000	0	12.32	0.000	0.000	0.000	0.000	0	16.87	0.000	0.000	0.000	0.000	0
25	17.35	0.000	0.000	0.000	0.000	0	7.298	0.000	0.000	0.000	0.000	0	17.28	0.000	0.000	0.000	0.000	0
26	13.85	0.000	0.000	0.000	0.000	0	5.122	0.000	0.000	0.000	0.000	0	13.03	0.000	0.000	0.000	0.000	0
27	28.27	0.000	0.000	0.000	0.000	1	12.14	0.000	0.000	0.000	0.000	0	14.39	0.000	0.000	0.000	0.000	0
28	19.34	0.000	0.000	0.000	0.001	1	8.483	0.000	0.000	0.000	0.000	0	10.20	0.000	0.000	0.000	0.000	0
29	24.96	0.000	0.000	0.000	0.001	2	6.676	0.000	0.000	0.000	0.000	0	8.640	0.000	0.000	0.000	0.000	0
30	12.44	0.000	0.000	0.000	0.001	1	6.334	0.000	0.000	0.000	0.000	0	9.814	0.000	0.000	0.000	0.000	0
31							7.339	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	8.132	0.000	0.000	0.000	0.000	0	8.777	0.000	0.000	0.000	0.000	0	11.35	0.000	0.000	0.000	0.000	0
Ten Daily II	2.750	0.000	0.000	0.000	0.000	0	9.349	0.000	0.000	0.000	0.000	0	18.78	0.000	0.000	0.000	0.000	0
Ten Daily III	14.45	0.000	0.000	0.000	0.000	0	8.473	0.000	0.000	0.000	0.000	0	15.19	0.000	0.000	0.000	0.000	0
Monthly																		
Total						7						4						9

Annual Sediment Load (Metric Tonnes) : 80

Daily Observed Sediment Datasheet for period : 2015-2016

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	14.44	0.000	0.000	0.000	0.001	1	5.437	0.000	0.000	0.000	0.000	0	3.895	0.000	0.000	0.000	0.000	0
2	12.06	0.000	0.000	0.000	0.000	0	4.859	0.000	0.000	0.001	0.001	1	4.637	0.000	0.000	0.000	0.000	0
3	14.98	0.000	0.000	0.000	0.000	0	8.260	0.000	0.000	0.001	0.001	1	4.569	0.000	0.000	0.000	0.000	0
4	11.06	0.000	0.000	0.000	0.000	0	5.805	0.000	0.000	0.000	0.000	0	4.831	0.000	0.000	0.000	0.000	0
5	10.63	0.000	0.000	0.000	0.000	0	5.255	0.000	0.000	0.000	0.000	0	4.650	0.000	0.000	0.000	0.000	0
6	12.33	0.000	0.000	0.000	0.000	0	10.10	0.000	0.000	0.000	0.000	0	6.991	0.000	0.000	0.000	0.000	0
7	11.81	0.000	0.000	0.000	0.000	0	7.204	0.000	0.000	0.000	0.000	0	6.530	0.000	0.000	0.000	0.000	0
8	12.55	0.000	0.000	0.000	0.000	0	5.762	0.000	0.000	0.000	0.000	0	4.685	0.000	0.000	0.000	0.000	0
9	12.11	0.000	0.000	0.000	0.000	0	5.906	0.000	0.000	0.000	0.000	0	4.303	0.000	0.000	0.000	0.000	0
10	10.70	0.000	0.000	0.000	0.000	0	5.002	0.000	0.000	0.000	0.000	0	4.566	0.000	0.000	0.000	0.000	0
11	10.65	0.000	0.000	0.000	0.000	0	4.121	0.000	0.000	0.000	0.000	0	9.425	0.000	0.000	0.000	0.000	0
12	10.12	0.000	0.000	0.000	0.000	0	5.137	0.000	0.000	0.000	0.000	0	4.933	0.000	0.000	0.000	0.000	0
13	10.19	0.000	0.000	0.000	0.000	0	4.040	0.000	0.000	0.000	0.000	0	10.22	0.000	0.000	0.000	0.000	0
14	10.41	0.000	0.000	0.000	0.000	0	5.660	0.000	0.000	0.000	0.000	0	7.544	0.000	0.000	0.000	0.000	0
15	11.59	0.000	0.000	0.000	0.000	0	6.208	0.000	0.000	0.000	0.000	0	2.963	0.000	0.000	0.000	0.000	0
16	12.63	0.000	0.000	0.000	0.000	0	7.056	0.000	0.000	0.000	0.000	0	5.401	0.000	0.000	0.000	0.000	0
17	10.17	0.000	0.000	0.000	0.000	0	5.590	0.000	0.000	0.000	0.000	0	5.260	0.000	0.000	0.000	0.000	0
18	9.935	0.000	0.000	0.000	0.000	0	5.253	0.000	0.000	0.000	0.000	0	6.897	0.000	0.000	0.000	0.000	0
19	8.555	0.000	0.000	0.000	0.000	0	5.442	0.000	0.000	0.000	0.000	0	4.428	0.000	0.000	0.000	0.000	0
20	5.292	0.000	0.000	0.000	0.000	0	5.186	0.000	0.000	0.000	0.000	0	5.680	0.000	0.000	0.000	0.000	0
21	5.738	0.000	0.000	0.000	0.000	0	5.129	0.000	0.000	0.000	0.000	0	6.530	0.000	0.000	0.000	0.000	0
22	10.19	0.000	0.000	0.000	0.000	0	5.813	0.000	0.000	0.000	0.000	0	6.467	0.000	0.000	0.000	0.000	0
23	6.478	0.000	0.000	0.000	0.000	0	5.668	0.000	0.000	0.000	0.000	0	8.318	0.000	0.000	0.000	0.000	0
24	6.530	0.000	0.000	0.000	0.000	0	3.678	0.000	0.000	0.000	0.000	0	8.145	0.000	0.000	0.000	0.000	0
25	7.198	0.000	0.000	0.000	0.000	0	4.059	0.000	0.000	0.000	0.000	0	8.319	0.000	0.000	0.000	0.000	0
26	7.629	0.000	0.000	0.000	0.000	0	7.198	0.000	0.000	0.001	0.001	1	7.809	0.000	0.000	0.000	0.000	0
27	5.894	0.000	0.000	0.000	0.000	0	3.312	0.000	0.000	0.000	0.000	0	7.217	0.000	0.000	0.000	0.000	0
28	3.643	0.000	0.000	0.000	0.000	0	4.888	0.000	0.000	0.000	0.000	0	7.897	0.000	0.000	0.000	0.000	0
29	8.503	0.000	0.000	0.000	0.000	0	4.564	0.000	0.000	0.000	0.000	0	3.238	0.000	0.000	0.000	0.000	0
30	9.766	0.000	0.000	0.000	0.000	0	9.789	0.000	0.000	0.000	0.000	0						
31	6.200	0.000	0.000	0.000	0.000	0	8.260	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	12.27	0.000	0.000	0.000	0.000	0	6.359	0.000	0.000	0.000	0.000	0	4.966	0.000	0.000	0.000	0.000	0
Ten Daily II	9.954	0.000	0.000	0.000	0.000	0	5.369	0.000	0.000	0.000	0.000	0	6.275	0.000	0.000	0.000	0.000	0
Ten Daily III	7.069	0.000	0.000	0.000	0.000	0	5.669	0.000	0.000	0.000	0.000	0	7.105	0.000	0.000	0.000	0.000	0
Monthly																		
Total						3						3						2

Annual Sediment Load (Metric Tonnes) : 80

Daily Observed Sediment Datasheet for period : 2015-2016

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

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

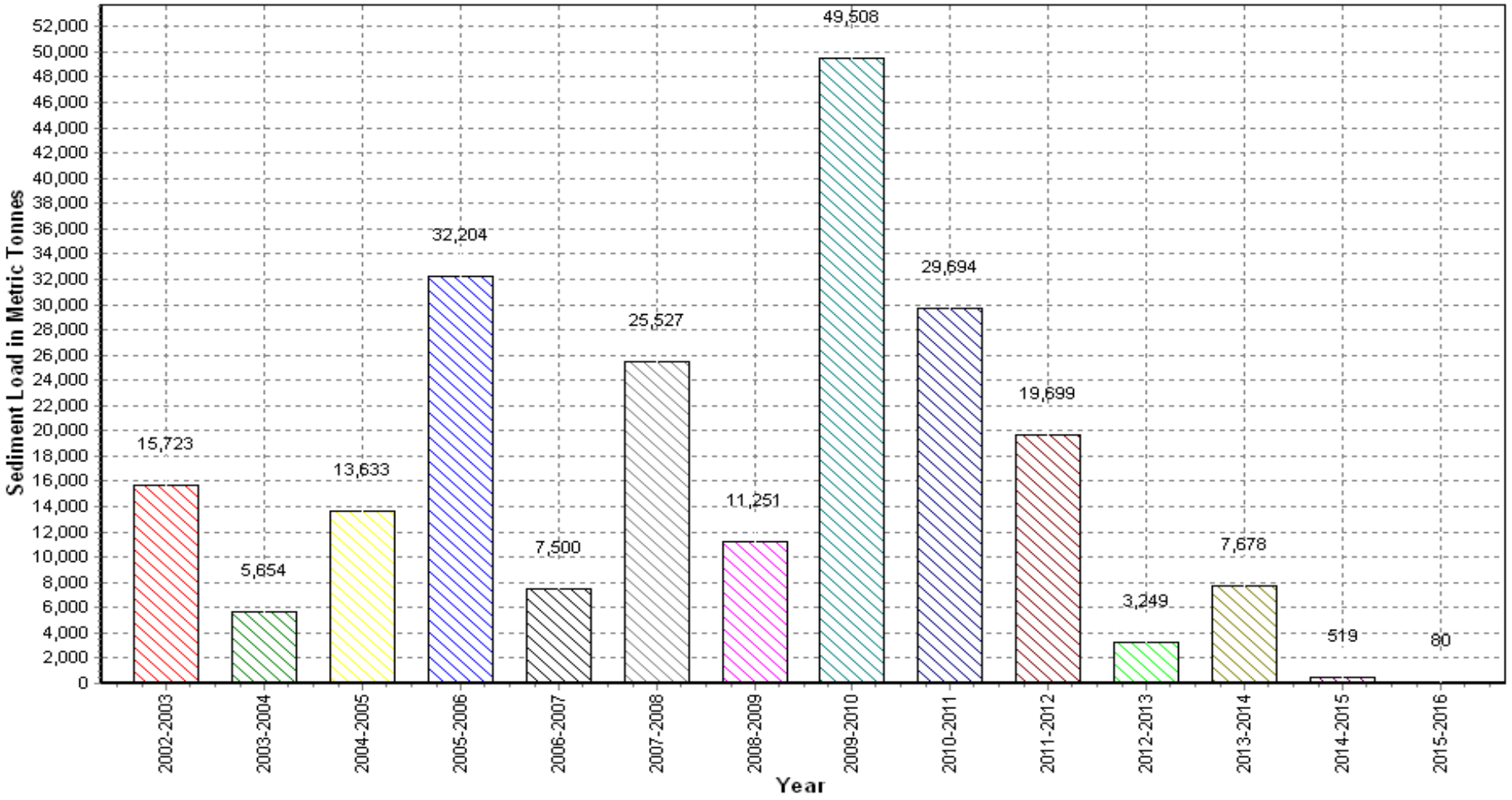
Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	7.933	0.000	0.000	0.000	0.000	0	10.11	0.000	0.000	0.000	0.000	0	11.88	0.000	0.000	0.000	0.000	0
2	8.273	0.000	0.000	0.000	0.000	0	11.37	0.000	0.000	0.000	0.000	0	3.740	0.000	0.000	0.000	0.000	0
3	9.532	0.000	0.000	0.000	0.000	0	9.395	0.000	0.000	0.000	0.000	0	11.16	0.000	0.000	0.000	0.000	0
4	8.120	0.000	0.000	0.000	0.000	0	3.580	0.000	0.000	0.000	0.000	0	11.26	0.000	0.000	0.000	0.000	0
5	10.13	0.000	0.000	0.000	0.000	0	7.127	0.000	0.000	0.000	0.000	0	10.90	0.000	0.000	0.000	0.000	0
6	10.19	0.000	0.000	0.000	0.000	0	7.472	0.000	0.000	0.000	0.000	0	8.090	0.000	0.000	0.000	0.000	0
7	4.854	0.000	0.000	0.000	0.000	0	12.48	0.000	0.000	0.000	0.000	0	8.950	0.000	0.000	0.000	0.000	0
8	9.154	0.000	0.000	0.000	0.000	0	10.06	0.000	0.000	0.000	0.000	0	9.008	0.000	0.000	0.000	0.000	0
9	7.075	0.000	0.000	0.000	0.000	0	11.95	0.000	0.000	0.000	0.000	0	3.632	0.000	0.000	0.000	0.000	0
10	7.676	0.000	0.000	0.000	0.000	0	13.24	0.000	0.000	0.000	0.000	0	3.555	0.000	0.000	0.000	0.000	0
11	7.135	0.000	0.000	0.000	0.000	0	12.13	0.000	0.000	0.000	0.000	0	8.599	0.000	0.000	0.000	0.000	0
12	6.805	0.000	0.000	0.000	0.000	0	13.24	0.000	0.000	0.000	0.000	0	6.130	0.000	0.000	0.000	0.000	0
13	8.260	0.000	0.000	0.000	0.000	0	11.68	0.000	0.000	0.000	0.000	0	7.579	0.000	0.000	0.000	0.000	0
14	4.131	0.000	0.000	0.000	0.000	0	12.33	0.000	0.000	0.000	0.000	0	4.880	0.000	0.000	0.000	0.000	0
15	9.848	0.000	0.000	0.000	0.000	0	10.91	0.000	0.000	0.000	0.000	0	5.002	0.000	0.000	0.000	0.000	0
16	9.461	0.000	0.000	0.000	0.000	0	12.96	0.000	0.000	0.000	0.000	0	2.556	0.000	0.000	0.000	0.000	0
17	7.282	0.000	0.000	0.000	0.000	0	7.544	0.000	0.000	0.000	0.000	0	2.510	0.000	0.000	0.000	0.000	0
18	7.551	0.000	0.000	0.000	0.000	0	12.24	0.000	0.000	0.000	0.000	0	6.038	0.000	0.000	0.000	0.000	0
19	10.42	0.000	0.000	0.000	0.000	0	7.916	0.000	0.000	0.000	0.000	0	2.965	0.000	0.000	0.000	0.000	0
20	9.008	0.000	0.000	0.000	0.000	0	10.19	0.000	0.000	0.000	0.000	0	3.016	0.000	0.000	0.000	0.000	0
21	7.268	0.000	0.000	0.000	0.000	0	11.53	0.000	0.000	0.000	0.000	0	1.638	0.000	0.000	0.000	0.000	0
22	10.83	0.000	0.000	0.000	0.000	0	7.435	0.000	0.000	0.000	0.000	0	2.556	0.000	0.000	0.000	0.000	0
23	9.847	0.000	0.000	0.000	0.000	0	11.18	0.000	0.000	0.000	0.000	0	2.351	0.000	0.000	0.000	0.000	0
24	7.748	0.000	0.000	0.000	0.000	0	7.198	0.000	0.000	0.000	0.000	0	3.520	0.000	0.000	0.000	0.000	0
25	8.260	0.000	0.000	0.000	0.000	0	5.336	0.000	0.000	0.000	0.000	0	2.711	0.000	0.000	0.000	0.000	0
26	8.293	0.000	0.000	0.000	0.000	0	11.56	0.000	0.000	0.000	0.000	0	3.672	0.000	0.000	0.000	0.000	0
27	8.631	0.000	0.000	0.000	0.000	0	11.55	0.000	0.000	0.000	0.000	0	2.855	0.000	0.000	0.000	0.000	0
28	7.271	0.000	0.000	0.000	0.000	0	7.611	0.000	0.000	0.000	0.000	0	2.782	0.000	0.000	0.000	0.000	0
29	10.86	0.000	0.000	0.000	0.000	0	11.19	0.000	0.000	0.000	0.000	0	3.205	0.000	0.000	0.000	0.000	0
30	12.69	0.000	0.000	0.000	0.000	0	11.33	0.000	0.000	0.000	0.000	0	3.489	0.000	0.000	0.000	0.000	0
31	11.90	0.000	0.000	0.000	0.000	0							5.799	0.000	0.000	0.000	0.000	0
Ten Daily Mean																		
Ten Daily I	8.294	0.000	0.000	0.000	0.000	0	9.678	0.000	0.000	0.000	0.000	0	8.217	0.000	0.000	0.000	0.000	0
Ten Daily II	7.991	0.000	0.000	0.000	0.000	0	11.11	0.000	0.000	0.000	0.000	0	4.928	0.000	0.000	0.000	0.000	0
Ten Daily III	9.418	0.000	0.000	0.000	0.000	0	9.593	0.000	0.000	0.000	0.000	0	3.143	0.000	0.000	0.000	0.000	0
Monthly Total						2						3						2

Annual Sediment Load (Metric Tonnes) : 80

Annual Sediment Load for the period: 2002-2016

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

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



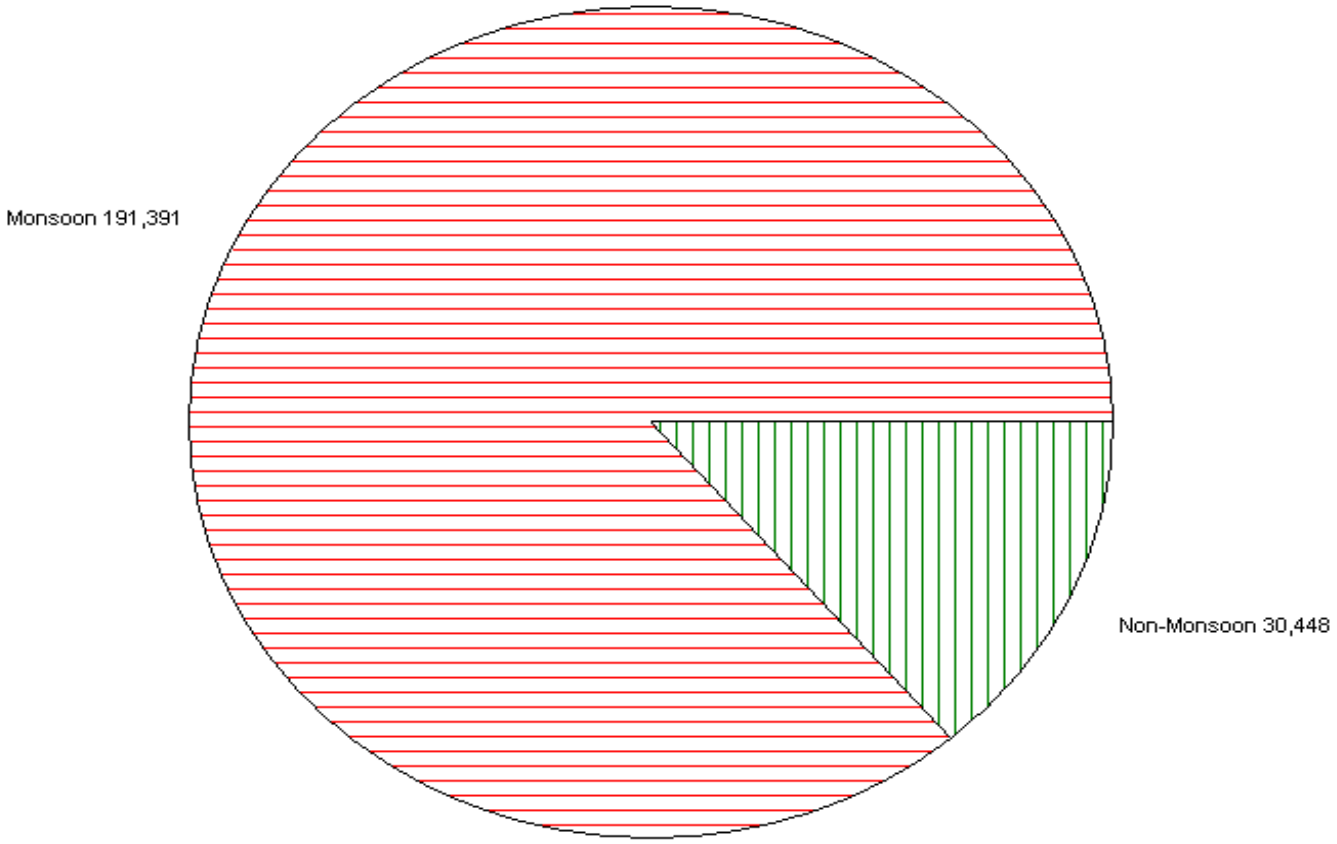
Seasonal Sediment Load for the period : 2002-2015

Station Name : THENGUMARAHADA (CCGI0E9)

Local River : Moyar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



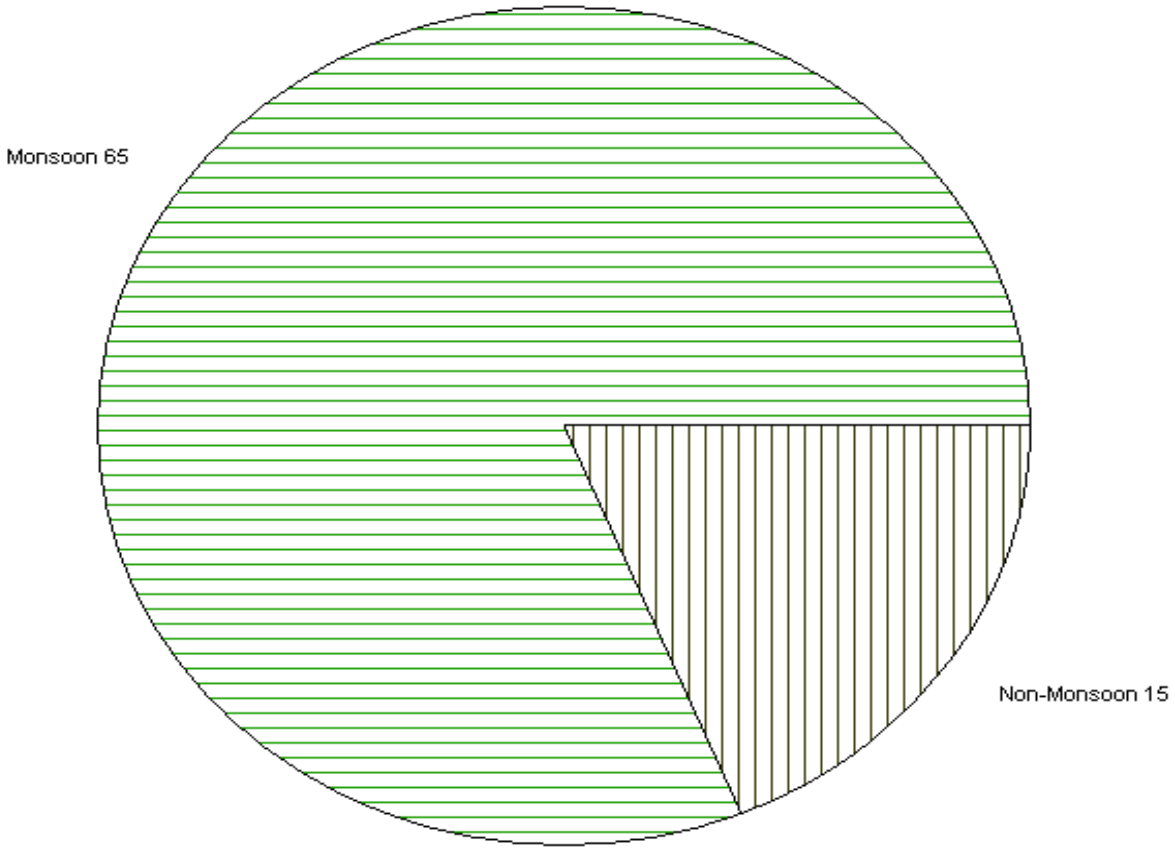
Seasonal Sediment Load for the Year: 2015-2016

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**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015							**DATE OF COLLECTION**					**13/11/2015**					
1	50	-	338.100	338.850	0.75	45.0	0.655		11.0	0.86							
2	65	-	338.000	338.850	0.85	45.0	0.757		16.0	1.10							
3	80	-	338.600	338.850	0.25	45.0	0.206	21.380	8.0	0.72	45.24	0.717	0.659	0.00060	21.380	16.0	0.89
POST MONSOON 2015							**DATE OF COLLECTION**					**13/02/2016**					
1	50	-	338.355	338.855	0.50	43.0	0.389		9.0	0.68							
2	65	-	338.125	338.855	0.73	43.0	0.410		10.0	1.23							
3	80	-	338.695	338.855	0.16	43.0	0.359	10.22	8.0	0.47	23.24	0.577	0.410	0.00050	10.220	10.0	0.79
PRE MONSOON 2016							**DATE OF COLLECTION**					**05/05/2016**					
1	50	-	338.300	338.800	0.50	43.0	0.473		10.0	0.77							
2	65	-	338.110	338.800	0.69	43.0	0.529		11.0	1.22							
3	80	-	338.640	338.800	0.16	43.0	0.406	10.900	10.0	0.67	43.22	0.578	0.437	0.00050	10.900	11.0	0.89

Note: All the Discharge(Q) values given are of 08:00hrs observations.

Annual Sediment Load for period : 2003-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	4.753	0.000	0.000	0.004	0.004	1	4.685	0.000	0.000	0.017	0.017	7	101.0	0.000	0.000	0.017	0.017	150
2	2.715	0.000	0.000	0.011	0.011	3	0.000	0.000	0.000	0.000	0.000	0	4.038	0.000	0.000	0.028	0.028	10
3	1.496	0.000	0.000	0.010	0.010	1	193.8	0.000	0.000	0.022	0.022	372	2.718	0.000	0.000	0.025	0.025	6
4	1.180	0.000	0.000	0.005	0.005	0	158.0	0.000	0.000	0.026	0.026	348	2.772	0.000	0.000	0.023	0.023	5
5	2.734	0.000	0.000	0.007	0.007	2	2.857	0.000	0.000	0.017	0.017	4	2.674	0.000	0.000	0.032	0.032	7
6	3.235	0.000	0.000	0.021	0.021	6	4.292	0.000	0.000	0.019	0.019	7	2.764	0.000	0.000	0.010	0.010	2
7	2.563	0.000	0.000	0.010	0.010	2	186.9	0.000	0.000	0.017	0.017	281	3.072	0.000	0.000	0.021	0.021	5
8	1.641	0.000	0.000	0.017	0.017	2	2.955	0.000	0.000	0.049	0.049	13	2.935	0.000	0.000	0.005	0.005	1
9	0.000	0.000	0.000	0.000	0.000	0	4.268	0.000	0.000	0.024	0.024	9	3.627	0.000	0.000	0.025	0.025	8
10	2.990	0.000	0.000	0.008	0.008	2	0.000	0.000	0.000	0.031	0.031	0	102.4	0.000	0.000	0.012	0.012	106
11	0.760	0.000	0.000	0.016	0.016	1	195.6	0.000	0.000	0.030	0.030	507	2.742	0.000	0.000	0.011	0.011	3
12	0.880	0.000	0.000	0.016	0.016	1	4.038	0.000	0.000	0.017	0.017	6	192.6	0.000	0.000	0.022	0.022	366
13	2.965	0.000	0.000	0.015	0.015	4	3.236	0.000	0.000	0.014	0.014	4	187.7	0.000	0.000	0.022	0.022	357
14	2.563	0.000	0.000	0.010	0.010	2	3.638	0.000	0.000	0.010	0.010	3	3.319	0.000	0.000	0.002	0.002	1
15	0.478	0.000	0.000	0.007	0.007	0	90.14	0.000	0.000	0.020	0.020	157	2.163	0.000	0.000	0.015	0.015	3
16	0.826	0.000	0.000	0.014	0.014	1	3.490	0.000	0.000	0.026	0.026	8	98.65	0.000	0.000	0.011	0.011	94
17	0.778	0.000	0.000	0.011	0.011	1	1.845	0.000	0.000	0.010	0.010	2	112.7	0.000	0.000	0.013	0.013	127
18	0.861	0.000	0.000	0.025	0.025	2	2.163	0.000	0.000	0.017	0.017	3	191.0	0.000	0.000	0.022	0.022	363
19	0.808	0.000	0.000	0.024	0.024	2	2.500	0.000	0.000	0.017	0.017	4	187.7	0.000	0.000	0.022	0.022	357
20	202.5	0.000	0.000	0.013	0.013	224	112.5	0.000	0.000	0.037	0.037	361	119.7	0.000	0.000	0.014	0.014	145
21	148.3	0.000	0.000	0.010	0.010	128	187.3	0.000	0.000	0.020	0.020	316	187.7	0.000	0.000	0.022	0.022	357
22	213.1	0.000	0.000	0.015	0.015	280	2.763	0.000	0.000	0.016	0.016	4	2.770	0.000	0.000	0.007	0.007	2
23	585.4	0.000	0.000	0.041	0.041	2074	140.7	0.000	0.000	0.023	0.023	278	2.163	0.000	0.000	0.015	0.015	3
24	533.8	0.000	0.000	0.038	0.038	1753	193.7	0.000	0.000	0.031	0.031	520	2.706	0.000	0.000	0.013	0.013	3
25	647.8	0.000	0.000	0.046	0.046	2575	91.49	0.000	0.000	0.023	0.023	179	3.013	0.000	0.000	0.003	0.003	1
26	475.7	0.000	0.000	0.033	0.033	1356	95.65	0.000	0.000	0.024	0.024	198	2.706	0.000	0.000	0.006	0.006	1
27	382.0	0.000	0.000	0.027	0.027	891	3.519	0.000	0.000	0.014	0.014	4	102.4	0.000	0.000	0.012	0.012	106
28	237.0	0.000	0.000	0.017	0.017	348	188.3	0.000	0.000	0.029	0.029	478	2.690	0.000	0.000	0.013	0.013	3
29	206.1	0.000	0.000	0.023	0.023	406	2.950	0.000	0.000	0.026	0.026	7	3.073	0.000	0.000	0.011	0.011	3
30	0.000	0.000	0.000	0.000	0.000	0	1.845	0.000	0.000	0.008	0.008	1	2.500	0.000	0.000	0.017	0.017	4
31							190.8	0.000	0.000	0.022	0.022	363	3.137	0.000	0.000	0.006	0.006	2
Ten Daily Mean																		
Ten Daily I	2.331	0.000	0.000	0.009	0.009	2	55.78	0.000	0.000	0.022	0.022	104	22.80	0.000	0.000	0.020	0.020	30
Ten Daily II	21.34	0.000	0.000	0.015	0.015	24	41.92	0.000	0.000	0.020	0.020	105	109.8	0.000	0.000	0.015	0.015	181
Ten Daily III	342.9	0.000	0.000	0.025	0.025	981	99.91	0.000	0.000	0.021	0.021	214	28.62	0.000	0.000	0.011	0.011	44
Monthly																		
Total						10068						4442						2600

Annual Sediment Load (Metric Tonnes) : 26592

Daily Observed Sediment Datasheet for period : 2015-2016

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	176.6	0.000	0.000	0.020	0.020	305	5.583	0.000	0.000	0.009	0.009	4	5.376	0.000	0.000	0.007	0.007	3
2	187.7	0.000	0.000	0.020	0.020	324	2.500	0.000	0.000	0.012	0.012	3	8.405	0.000	0.000	0.057	0.057	41
3	185.0	0.000	0.000	0.020	0.020	320	3.775	0.000	0.000	0.006	0.006	2	176.6	0.000	0.000	0.020	0.020	305
4	3.295	0.000	0.000	0.019	0.019	5	5.376	0.000	0.000	0.009	0.009	4	102.4	0.000	0.000	0.017	0.017	150
5	102.4	0.000	0.000	0.017	0.017	150	3.498	0.000	0.000	0.015	0.015	4	11.53	0.000	0.000	0.059	0.059	58
6	5.376	0.000	0.000	0.039	0.039	18	4.024	0.000	0.000	0.008	0.008	3	0.000	0.000	0.000	0.000	0.000	0
7	2.669	0.000	0.000	0.013	0.013	3	3.558	0.000	0.000	0.009	0.009	3	0.000	0.000	0.000	0.000	0.000	0
8	107.1	0.000	0.000	0.017	0.017	157	3.666	0.000	0.000	0.013	0.013	4	132.3	0.000	0.000	0.018	0.018	206
9	107.1	0.000	0.000	0.017	0.017	157	3.537	0.000	0.000	0.018	0.018	5	8.768	0.000	0.000	0.035	0.035	27
10	187.7	0.000	0.000	0.020	0.020	324	3.227	0.000	0.000	0.018	0.018	5	20.96	0.000	0.000	0.110	0.110	199
11	2.993	0.000	0.000	0.019	0.019	5	2.857	0.000	0.000	0.012	0.012	3	6.192	0.000	0.000	0.025	0.025	13
12	3.016	0.000	0.000	0.021	0.021	6	3.747	0.000	0.000	0.012	0.012	4	176.6	0.000	0.000	0.002	0.002	31
13	2.500	0.000	0.000	0.011	0.011	2	176.6	0.000	0.000	0.020	0.020	305	0.000	0.000	0.000	0.000	0.000	0
14	2.942	0.000	0.000	0.025	0.025	6	3.669	0.000	0.000	0.020	0.020	6	0.000	0.000	0.000	0.000	0.000	0
15	176.6	0.000	0.000	0.020	0.020	305	0.000	0.000	0.000	0.000	0.000	0	5.857	0.000	0.000	0.011	0.011	6
16	2.905	0.000	0.000	0.025	0.025	6	0.000	0.000	0.000	0.000	0.000	0	119.7	0.000	0.000	0.019	0.019	196
17	2.163	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	2.907	0.000	0.000	0.020	0.020	5	3.233	0.000	0.000	0.011	0.011	3	0.000	0.000	0.000	0.000	0.000	0
19	3.153	0.000	0.000	0.012	0.012	3	2.688	0.000	0.000	0.012	0.012	3	0.000	0.000	0.000	0.000	0.000	0
20	2.857	0.000	0.000	0.015	0.015	4	7.309	0.000	0.000	0.018	0.018	11	0.000	0.000	0.000	0.000	0.000	0
21	198.0	0.000	0.000	0.015	0.015	257	3.627	0.000	0.000	0.011	0.011	3	0.000	0.000	0.000	0.000	0.000	0
22	2.764	0.000	0.000	0.004	0.004	1	202.7	0.000	0.000	0.013	0.013	228	0.000	0.000	0.000	0.000	0.000	0
23	187.7	0.000	0.000	0.020	0.020	324	187.7	0.000	0.000	0.020	0.020	324	0.000	0.000	0.000	0.000	0.000	0
24	2.857	0.000	0.000	0.015	0.015	4	4.038	0.000	0.000	0.011	0.011	4	0.000	0.000	0.000	0.000	0.000	0
25	176.6	0.000	0.000	0.020	0.020	305	3.627	0.000	0.000	0.011	0.011	3	0.000	0.000	0.000	0.000	0.000	0
26	3.109	0.000	0.000	0.008	0.008	2	176.6	0.000	0.000	0.020	0.020	305	0.000	0.000	0.000	0.000	0.000	0
27	2.500	0.000	0.000	0.011	0.011	2	3.928	0.000	0.000	0.020	0.020	7	0.000	0.000	0.000	0.000	0.000	0
28	3.368	0.000	0.000	0.019	0.019	6	6.598	0.000	0.000	0.032	0.032	18	0.000	0.000	0.000	0.000	0.000	0
29	3.455	0.000	0.000	0.004	0.004	1	4.154	0.000	0.000	0.027	0.027	10	0.000	0.000	0.000	0.000	0.000	0
30	5.758	0.000	0.000	0.024	0.024	12	3.940	0.000	0.000	0.021	0.021	7	0.000	0.000	0.000	0.000	0.000	0
31							102.4	0.000	0.000	0.017	0.017	150						
Ten Daily Mean																		
Ten Daily I	106.5	0.000	0.000	0.020	0.020	177	3.874	0.000	0.000	0.012	0.012	4	46.64	0.000	0.000	0.032	0.032	99
Ten Daily II	20.21	0.000	0.000	0.017	0.017	34	20.01	0.000	0.000	0.011	0.011	34	30.84	0.000	0.000	0.006	0.006	25
Ten Daily III	58.62	0.000	0.000	0.014	0.014	91	63.58	0.000	0.000	0.018	0.018	96	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						3022						1433						1236

Annual Sediment Load (Metric Tonnes) : 26592

Daily Observed Sediment Datasheet for period : 2015-2016

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	6.513	0.000	0.000	0.009	0.009	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	6.926	0.000	0.000	0.008	0.008	5	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	4.096	0.000	0.000	0.008	0.008	3	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	107.1	0.000	0.000	0.011	0.011	99	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	118.5	0.000	0.000	0.019	0.019	195	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	107.1	0.000	0.000	0.017	0.017	157	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	0.000	0.000	0.000	0.000	0.000	0
20	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	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						
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	1.344	0.000	0.000	0.002	0.002	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	54.16	0.000	0.000	0.008	0.008	67	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						10						666						0

Annual Sediment Load (Metric Tonnes) : 26592

Daily Observed Sediment Datasheet for period : 2015-2016

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	3.263	0.000	0.000	0.008	0.008	2	2.902	0.000	0.000	0.005	0.005	1
2	0.000	0.000	0.000	0.000	0.000	0	119.2	0.000	0.000	0.019	0.019	196	2.961	0.000	0.000	0.005	0.005	1
3	0.000	0.000	0.000	0.000	0.000	0	1.578	0.000	0.000	0.003	0.003	0	3.097	0.000	0.000	0.007	0.007	2
4	0.000	0.000	0.000	0.000	0.000	0	3.031	0.000	0.000	0.007	0.007	2	3.223	0.000	0.000	0.010	0.010	3
5	0.000	0.000	0.000	0.000	0.000	0	3.129	0.000	0.000	0.008	0.008	2	2.941	0.000	0.000	0.005	0.005	1
6	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	3.092	0.000	0.000	0.005	0.005	1
7	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	2.958	0.000	0.000	0.009	0.009	2
8	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	2.902	0.000	0.000	0.005	0.005	1
9	0.000	0.000	0.000	0.000	0.000	0	3.828	0.000	0.000	0.007	0.007	2	2.971	0.000	0.000	0.006	0.006	2
10	0.000	0.000	0.000	0.000	0.000	0	3.680	0.000	0.000	0.007	0.007	2	3.101	0.000	0.000	0.012	0.012	3
11	0.000	0.000	0.000	0.000	0.000	0	1.879	0.000	0.000	0.011	0.011	2	3.486	0.000	0.000	0.016	0.016	5
12	0.000	0.000	0.000	0.000	0.000	0	192.6	0.000	0.000	0.022	0.022	366	3.445	0.000	0.000	0.016	0.016	5
13	0.000	0.000	0.000	0.000	0.000	0	107.1	0.000	0.000	0.017	0.017	157	87.33	0.000	0.000	0.018	0.018	136
14	0.000	0.000	0.000	0.000	0.000	0	95.35	0.000	0.000	0.011	0.011	91	87.33	0.000	0.000	0.018	0.018	136
15	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	4.096	0.000	0.000	0.009	0.009	3
16	0.000	0.000	0.000	0.000	0.000	0	3.007	0.000	0.000	0.010	0.010	3	3.282	0.000	0.000	0.006	0.006	2
17	0.000	0.000	0.000	0.000	0.000	0	2.542	0.000	0.000	0.005	0.005	1	3.706	0.000	0.000	0.004	0.004	1
18	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	3.890	0.000	0.000	0.008	0.008	3
19	0.000	0.000	0.000	0.000	0.000	0	102.4	0.000	0.000	0.012	0.012	106	3.779	0.000	0.000	0.007	0.007	2
20	4.096	0.000	0.000	0.008	0.008	3	4.096	0.000	0.000	0.000	0.000	0	87.33	0.000	0.000	0.018	0.018	136
21	102.4	0.000	0.000	0.012	0.012	106	107.1	0.000	0.000	0.017	0.017	157	4.096	0.000	0.000	0.009	0.009	3
22	0.806	0.000	0.000	0.006	0.006	0	2.952	0.000	0.000	0.007	0.007	2	4.528	0.000	0.000	0.010	0.010	4
23	102.4	0.000	0.000	0.012	0.012	106	3.204	0.000	0.000	0.007	0.007	2	3.209	0.000	0.000	0.004	0.004	1
24	0.595	0.000	0.000	0.009	0.009	0	2.542	0.000	0.000	0.005	0.005	1	63.74	0.000	0.000	0.014	0.014	77
25	0.806	0.000	0.000	0.006	0.006	0	3.010	0.000	0.000	0.009	0.009	2	3.051	0.000	0.000	0.002	0.002	1
26	102.4	0.000	0.000	0.012	0.012	106	3.127	0.000	0.000	0.008	0.008	2	89.77	0.000	0.000	0.020	0.020	155
27	95.35	0.000	0.000	0.011	0.011	91	107.1	0.000	0.000	0.017	0.017	157	3.267	0.000	0.000	0.003	0.003	1
28	1.879	0.000	0.000	0.007	0.007	1	3.300	0.000	0.000	0.006	0.006	2	3.278	0.000	0.000	0.002	0.002	1
29	102.4	0.000	0.000	0.012	0.012	106	3.387	0.000	0.000	0.008	0.008	2	2.902	0.000	0.000	0.005	0.005	1
30	102.4	0.000	0.000	0.012	0.012	106	2.913	0.000	0.000	0.009	0.009	2	3.293	0.000	0.000	0.004	0.004	1
31	1.040	0.000	0.000	0.008	0.008	1							3.193	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	44.48	0.000	0.000	0.010	0.010	53	3.015	0.000	0.000	0.007	0.007	2
Ten Daily II	0.410	0.000	0.000	0.001	0.001	0	71.36	0.000	0.000	0.011	0.011	94	28.77	0.000	0.000	0.012	0.012	43
Ten Daily III	55.66	0.000	0.000	0.010	0.010	57	23.87	0.000	0.000	0.009	0.009	33	16.76	0.000	0.000	0.007	0.007	22
Monthly Total						627						1794						692

Annual Sediment Load (Metric Tonnes) : 26592

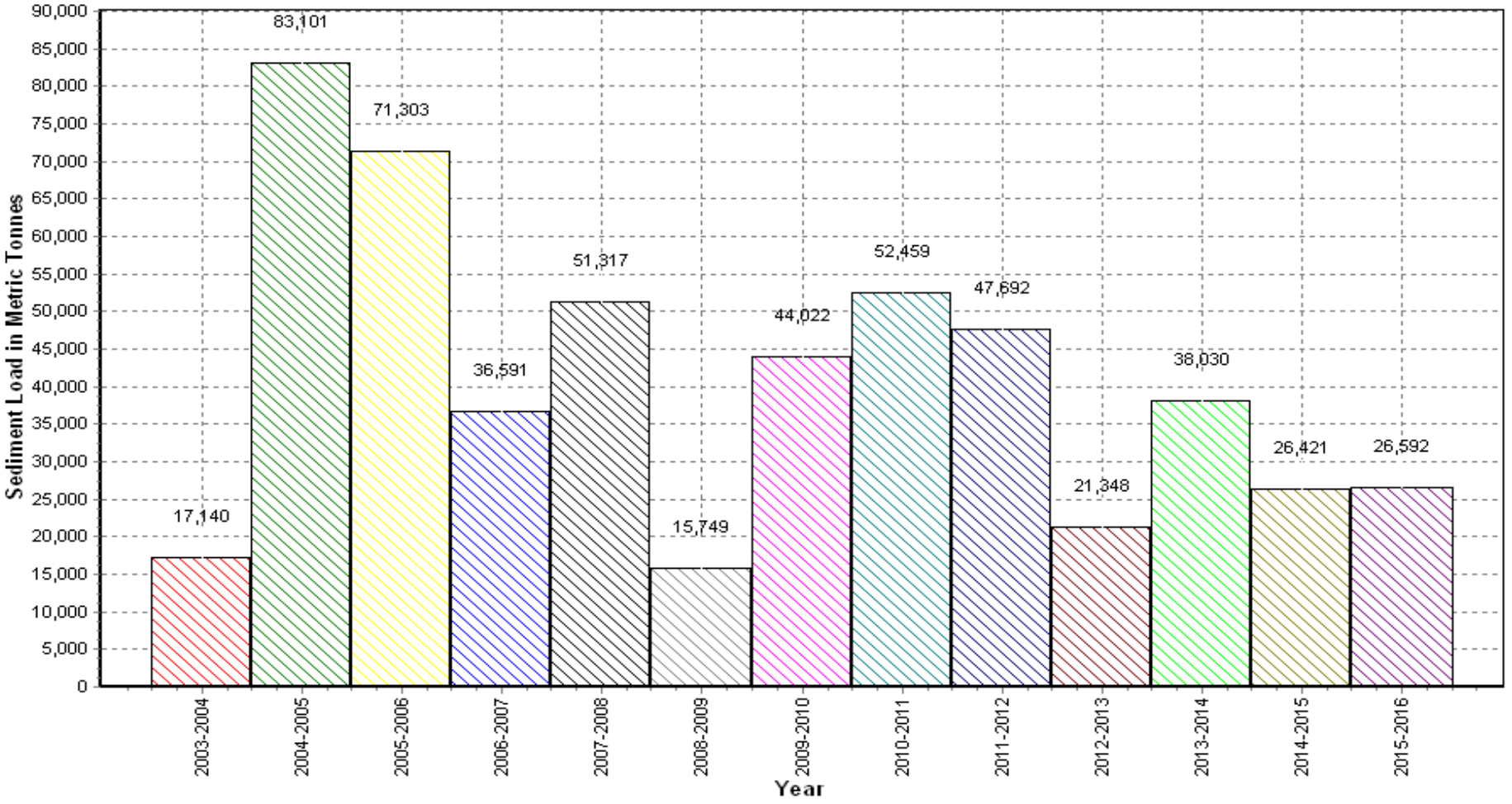
Annual Sediment Load for the period: 2003-2016

Station Name : NELLITHURAI (CCG00Q8)

Division : SR Division, Coimbatore

Local River : Bhavani

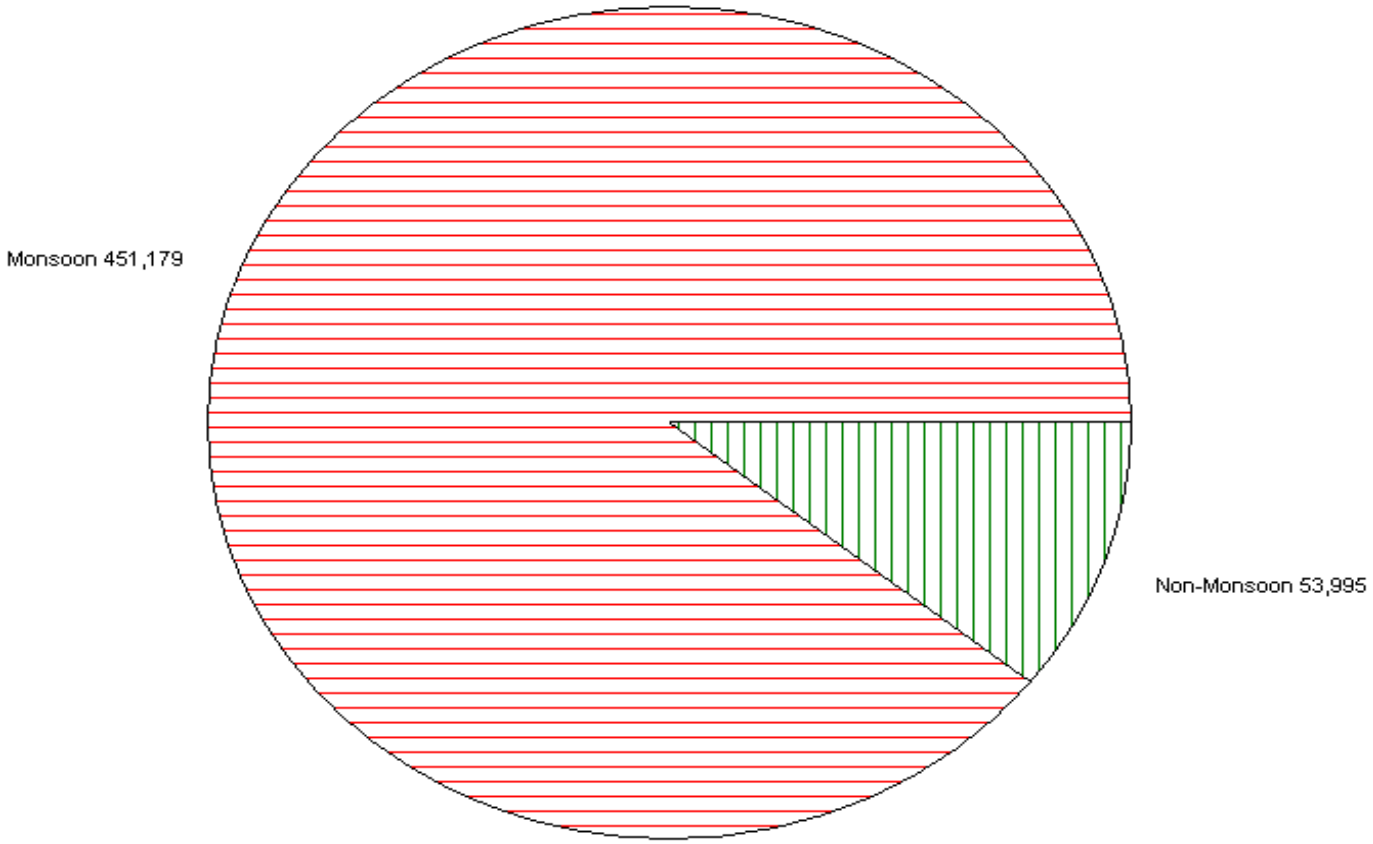
Sub-Division : Middle Cauvery SD, Coimbatore



Seasonal Sediment Load for the period : 2003-2015

Station Name : NELLITHURAI (CCG00Q8)
Local River : Bhavani

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



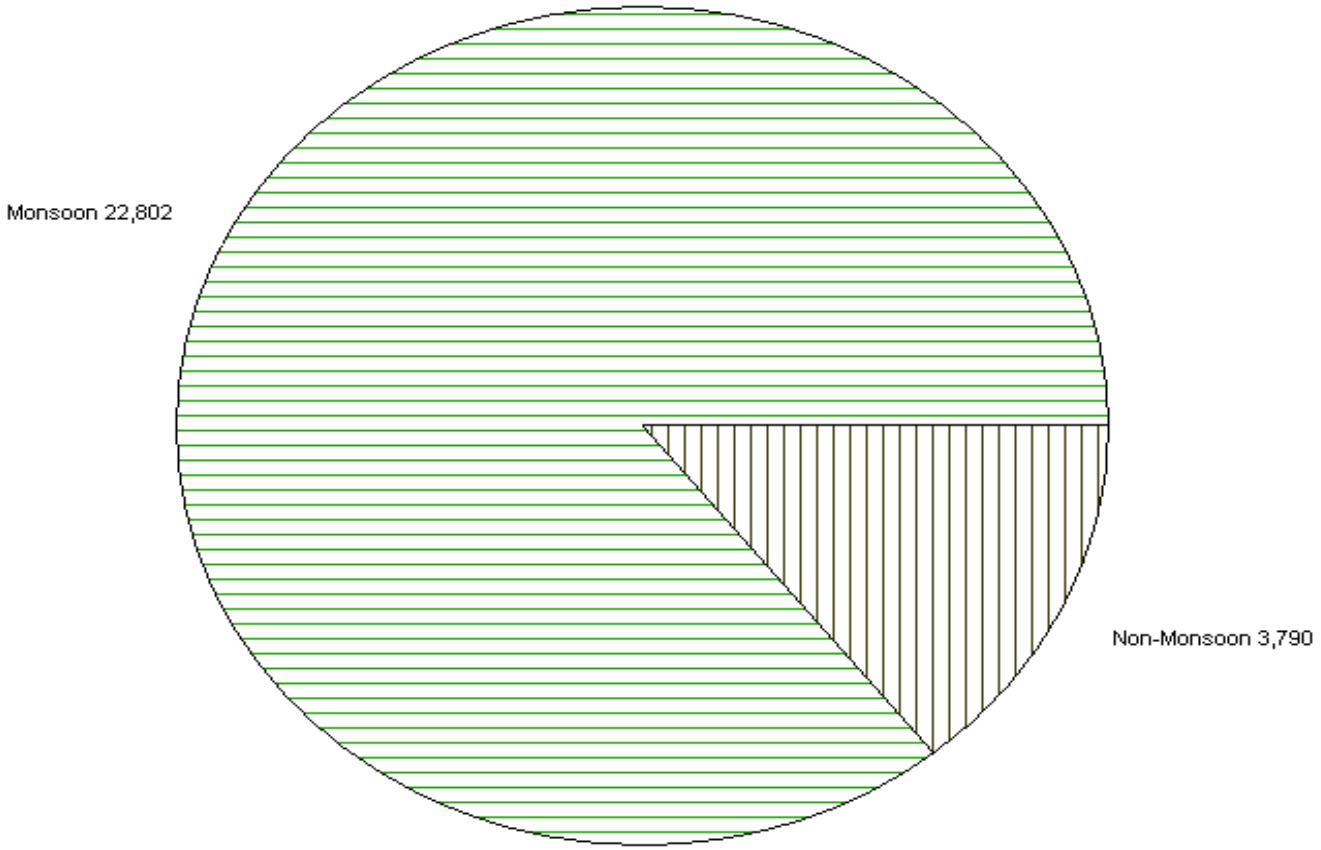
Seasonal Sediment Load for the Year: 2015-2016

Station Name : NELLITHURAI (CCG00Q8)

Local River : Bhavani

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2001-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	66.19	0.000	0.000	0.011	0.011	64	0.000	0.000	0.000	0.000	0.000	0	221.4	0.000	0.000	0.015	0.015	277
2	58.64	0.000	0.000	0.012	0.012	62	0.000	0.000	0.000	0.000	0.000	0	143.2	0.000	0.000	0.028	0.028	346
3	70.71	0.000	0.000	0.011	0.011	67	0.000	0.000	0.000	0.000	0.000	0	242.6	0.000	0.000	0.016	0.016	344
4	66.92	0.000	0.000	0.010	0.010	60	39.35	0.000	0.000	0.011	0.011	37	108.9	0.000	0.000	0.013	0.013	125
5	71.72	0.000	0.000	0.011	0.011	71	0.000	0.000	0.000	0.000	0.000	0	66.90	0.000	0.000	0.014	0.014	83
6	66.01	0.000	0.000	0.013	0.013	72	0.000	0.000	0.000	0.000	0.000	0	55.86	0.000	0.000	0.014	0.014	67
7	74.39	0.000	0.000	0.011	0.011	71	0.000	0.000	0.000	0.011	0.011	0	54.24	0.000	0.000	0.012	0.012	57
8	64.82	0.000	0.000	0.011	0.011	64	0.000	0.000	0.000	0.000	0.000	0	67.57	0.000	0.000	0.014	0.014	84
9	65.37	0.000	0.000	0.011	0.011	60	0.000	0.000	0.000	0.000	0.000	0	72.75	0.000	0.000	0.011	0.011	66
10	71.02	0.000	0.000	0.011	0.011	64	0.000	0.000	0.000	0.000	0.000	0	319.6	0.000	0.000	0.015	0.015	406
11	0.000	0.000	0.000	0.000	0.000	0	106.9	0.000	0.000	0.014	0.014	128	463.4	0.000	0.000	0.015	0.015	609
12	58.08	0.000	0.000	0.011	0.011	57	84.61	0.000	0.000	0.012	0.012	88	450.9	0.000	0.000	0.016	0.016	627
13	0.000	0.000	0.000	0.000	0.000	0	106.9	0.000	0.000	0.015	0.015	134	450.9	0.000	0.000	0.015	0.015	565
14	0.000	0.000	0.000	0.000	0.000	0	101.3	0.000	0.000	0.013	0.013	113	466.0	0.000	0.000	0.013	0.013	540
15	0.000	0.000	0.000	0.000	0.000	0	71.41	0.000	0.000	0.011	0.011	66	470.6	0.000	0.000	0.013	0.013	529
16	60.58	0.000	0.000	0.010	0.010	54	72.82	0.000	0.000	0.012	0.012	73	442.1	0.000	0.000	0.012	0.012	458
17	0.000	0.000	0.000	0.000	0.000	0	75.08	0.000	0.000	0.011	0.011	71	463.4	0.000	0.000	0.015	0.015	609
18	0.000	0.000	0.000	0.000	0.000	0	91.78	0.000	0.000	0.012	0.012	95	450.9	0.000	0.000	0.015	0.015	573
19	0.000	0.000	0.000	0.000	0.000	0	82.86	0.000	0.000	0.012	0.012	86	517.8	0.000	0.000	0.015	0.015	689
20	0.000	0.000	0.000	0.000	0.000	0	101.3	0.000	0.000	0.011	0.011	99	466.0	0.000	0.000	0.014	0.014	552
21	0.000	0.000	0.000	0.000	0.000	0	101.3	0.000	0.000	0.010	0.010	90	463.4	0.000	0.000	0.014	0.014	573
22	0.000	0.000	0.000	0.000	0.000	0	106.3	0.000	0.000	0.011	0.011	105	460.7	0.000	0.000	0.014	0.014	561
23	0.000	0.000	0.000	0.000	0.000	0	128.6	0.000	0.000	0.012	0.012	131	438.1	0.000	0.000	0.012	0.012	454
24	560.6	0.000	0.000	0.014	0.014	693	0.000	0.000	0.000	0.000	0.000	0	379.9	0.000	0.000	0.014	0.014	450
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	351.9	0.000	0.000	0.014	0.014	429
26	0.000	0.000	0.000	0.000	0.000	0	36.53	0.000	0.000	0.010	0.010	32	460.7	0.000	0.000	0.015	0.015	609
27	0.000	0.000	0.000	0.000	0.000	0	238.4	0.000	0.000	0.016	0.016	323	463.4	0.000	0.000	0.015	0.015	581
28	0.000	0.000	0.000	0.000	0.000	0	221.4	0.000	0.000	0.014	0.014	274	450.9	0.000	0.000	0.014	0.014	542
29	0.000	0.000	0.000	0.000	0.000	0	224.2	0.000	0.000	0.016	0.016	314	460.7	0.000	0.000	0.014	0.014	557
30	0.000	0.000	0.000	0.000	0.000	0	221.4	0.000	0.000	0.015	0.015	295	565.9	0.000	0.000	0.015	0.015	733
31							224.2	0.000	0.000	0.017	0.017	333	560.6	0.000	0.000	0.015	0.015	707
Ten Daily Mean																		
Ten Daily I	67.58	0.000	0.000	0.011	0.011	66	3.935	0.000	0.000	0.002	0.002	4	135.3	0.000	0.000	0.015	0.015	186
Ten Daily II	11.87	0.000	0.000	0.002	0.002	11	89.49	0.000	0.000	0.012	0.012	95	464.2	0.000	0.000	0.014	0.014	575
Ten Daily III	56.06	0.000	0.000	0.001	0.001	69	136.6	0.000	0.000	0.011	0.011	172	459.7	0.000	0.000	0.014	0.014	563
Monthly																		
Total						1459						2886						13800

Annual Sediment Load (Metric Tonnes) : 58484

Daily Observed Sediment Datasheet for period : 2015-2016

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	553.8	0.000	0.000	0.015	0.015	723	367.3	0.000	0.000	0.013	0.013	422	57.36	0.000	0.000	0.010	0.010	50
2	553.8	0.000	0.000	0.014	0.014	675	376.6	0.000	0.000	0.012	0.012	390	59.98	0.000	0.000	0.010	0.010	52
3	553.8	0.000	0.000	0.014	0.014	656	378.3	0.000	0.000	0.011	0.011	373	58.87	0.000	0.000	0.010	0.010	53
4	540.5	0.000	0.000	0.014	0.014	658	478.9	0.000	0.000	0.014	0.014	579	0.000	0.000	0.000	0.000	0.000	0
5	540.5	0.000	0.000	0.013	0.013	621	449.3	0.000	0.000	0.013	0.013	516	301.0	0.000	0.000	0.011	0.011	278
6	530.3	0.000	0.000	0.014	0.014	641	364.7	0.000	0.000	0.011	0.011	343	158.9	0.000	0.000	0.011	0.011	155
7	560.6	0.000	0.000	0.014	0.014	693	361.3	0.000	0.000	0.011	0.011	356	0.000	0.000	0.000	0.000	0.000	0
8	540.5	0.000	0.000	0.013	0.013	593	351.2	0.000	0.000	0.013	0.013	401	43.79	0.000	0.000	0.007	0.007	26
9	537.5	0.000	0.000	0.014	0.014	645	353.1	0.000	0.000	0.011	0.011	336	0.000	0.000	0.000	0.000	0.000	0
10	537.5	0.000	0.000	0.014	0.014	655	350.8	0.000	0.000	0.013	0.013	385	152.5	0.000	0.000	0.011	0.011	145
11	531.9	0.000	0.000	0.014	0.014	630	354.7	0.000	0.000	0.010	0.010	319	70.19	0.000	0.000	0.009	0.009	53
12	531.9	0.000	0.000	0.014	0.014	643	397.3	0.000	0.000	0.010	0.010	357	0.000	0.000	0.000	0.000	0.000	0
13	530.3	0.000	0.000	0.014	0.014	641	302.9	0.000	0.000	0.010	0.010	264	0.000	0.000	0.000	0.000	0.000	0
14	537.5	0.000	0.000	0.013	0.013	618	291.3	0.000	0.000	0.010	0.010	259	0.000	0.000	0.000	0.000	0.000	0
15	514.5	0.000	0.000	0.013	0.013	573	291.7	0.000	0.000	0.014	0.014	360	0.000	0.000	0.000	0.000	0.000	0
16	510.0	0.000	0.000	0.013	0.013	577	452.7	0.000	0.000	0.011	0.011	438	0.000	0.000	0.000	0.000	0.000	0
17	438.1	0.000	0.000	0.011	0.011	416	432.1	0.000	0.000	0.013	0.013	474	0.000	0.000	0.000	0.000	0.000	0
18	450.6	0.000	0.000	0.012	0.012	463	450.2	0.000	0.000	0.013	0.013	506	0.000	0.000	0.000	0.000	0.000	0
19	441.8	0.000	0.000	0.011	0.011	416	450.5	0.000	0.000	0.013	0.013	518	0.000	0.000	0.000	0.000	0.000	0
20	458.3	0.000	0.000	0.011	0.011	436	389.1	0.000	0.000	0.011	0.011	360	0.000	0.000	0.000	0.000	0.000	0
21	469.0	0.000	0.000	0.011	0.011	458	309.6	0.000	0.000	0.010	0.010	267	0.000	0.000	0.000	0.000	0.000	0
22	460.7	0.000	0.000	0.011	0.011	434	326.6	0.000	0.000	0.011	0.011	310	0.000	0.000	0.000	0.000	0.000	0
23	499.3	0.000	0.000	0.012	0.012	505	304.8	0.000	0.000	0.010	0.010	271	0.000	0.000	0.000	0.000	0.000	0
24	470.6	0.000	0.000	0.011	0.011	447	306.3	0.000	0.000	0.010	0.010	265	0.000	0.000	0.000	0.000	0.000	0
25	483.7	0.000	0.000	0.015	0.015	614	84.61	0.000	0.000	0.010	0.010	73	0.000	0.000	0.000	0.000	0.000	0
26	450.0	0.000	0.000	0.016	0.016	626	97.89	0.000	0.000	0.011	0.011	89	0.000	0.000	0.000	0.000	0.000	0
27	430.2	0.000	0.000	0.015	0.015	558	92.71	0.000	0.000	0.011	0.011	86	0.000	0.000	0.000	0.000	0.000	0
28	455.8	0.000	0.000	0.021	0.021	843	160.6	0.000	0.000	0.010	0.010	140	0.000	0.000	0.000	0.000	0.000	0
29	448.4	0.000	0.000	0.015	0.015	597	99.05	0.000	0.000	0.011	0.011	98	0.000	0.000	0.000	0.000	0.000	0
30	402.1	0.000	0.000	0.014	0.014	476	69.13	0.000	0.000	0.011	0.011	65	39.52	0.001	0.003	0.006	0.010	34
31							0.000											
Ten Daily Mean																		
Ten Daily I	544.9	0.000	0.000	0.014	0.014	656	383.1	0.000	0.000	0.012	0.012	410	83.23	0.000	0.000	0.007	0.007	76
Ten Daily II	494.5	0.000	0.000	0.013	0.013	541	381.2	0.000	0.000	0.012	0.012	385	7.019	0.000	0.000	0.001	0.001	5
Ten Daily III	457.0	0.000	0.000	0.014	0.014	556	168.3	0.000	0.000	0.010	0.010	166	3.952	0.000	0.000	0.001	0.001	3
Monthly																		
Total						17531						9620						847

Annual Sediment Load (Metric Tonnes) : 58484

Daily Observed Sediment Datasheet for period : 2015-2016

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	439.1	0.000	0.000	0.010	0.010	383	63.19	0.000	0.000	0.009	0.009	51
2	0.000	0.000	0.000	0.000	0.000	0	434.4	0.000	0.000	0.011	0.011	402	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	398.3	0.000	0.000	0.009	0.009	310	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	452.3	0.000	0.000	0.010	0.010	403	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	458.5	0.000	0.000	0.010	0.010	404	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	463.2	0.000	0.000	0.011	0.011	420	163.2	0.000	0.000	0.009	0.009	133
7	0.000	0.000	0.000	0.000	0.000	0	519.7	0.000	0.000	0.010	0.010	453	170.4	0.000	0.000	0.008	0.008	118
8	0.000	0.000	0.000	0.000	0.000	0	515.1	0.000	0.000	0.010	0.010	458	164.8	0.000	0.000	0.009	0.009	130
9	0.000	0.000	0.000	0.000	0.000	0	519.7	0.000	0.000	0.011	0.011	480	163.4	0.000	0.000	0.010	0.010	137
10	0.000	0.000	0.000	0.000	0.000	0	536.2	0.000	0.000	0.010	0.010	473	99.61	0.000	0.000	0.009	0.009	80
11	0.000	0.000	0.000	0.000	0.000	0	432.6	0.000	0.000	0.010	0.010	377	160.1	0.000	0.000	0.009	0.009	118
12	0.000	0.000	0.000	0.000	0.000	0	428.1	0.000	0.000	0.010	0.010	385	155.3	0.000	0.000	0.008	0.008	110
13	0.000	0.000	0.000	0.000	0.000	0	364.2	0.000	0.000	0.011	0.011	340	163.9	0.000	0.000	0.009	0.009	123
14	0.000	0.000	0.000	0.000	0.000	0	354.4	0.000	0.000	0.010	0.010	309	170.4	0.000	0.000	0.008	0.008	118
15	0.000	0.000	0.000	0.000	0.000	0	299.9	0.000	0.000	0.010	0.010	259	161.1	0.000	0.000	0.009	0.009	127
16	0.000	0.000	0.000	0.000	0.000	0	293.4	0.000	0.000	0.010	0.010	248	160.7	0.000	0.000	0.009	0.009	118
17	0.000	0.000	0.000	0.000	0.000	0	252.0	0.000	0.000	0.009	0.009	196	165.3	0.000	0.000	0.008	0.008	113
18	0.000	0.000	0.000	0.000	0.000	0	202.8	0.000	0.000	0.011	0.011	187	161.7	0.000	0.000	0.008	0.008	117
19	0.000	0.000	0.000	0.000	0.000	0	163.5	0.000	0.000	0.010	0.010	143	156.1	0.000	0.000	0.008	0.008	107
20	0.000	0.000	0.000	0.000	0.000	0	165.0	0.000	0.000	0.010	0.010	138	164.3	0.000	0.000	0.009	0.009	121
21	0.000	0.000	0.000	0.000	0.000	0	167.6	0.000	0.000	0.010	0.010	148	0.000	0.000	0.000	0.000	0.000	0
22	0.000	0.000	0.000	0.000	0.000	0	168.1	0.000	0.000	0.010	0.010	142	0.000	0.000	0.000	0.000	0.000	0
23	75.52	0.000	0.000	0.007	0.007	47	161.5	0.000	0.000	0.009	0.009	131	0.000	0.000	0.000	0.000	0.000	0
24	246.0	0.000	0.000	0.008	0.008	170	95.75	0.000	0.000	0.005	0.005	41	0.000	0.000	0.000	0.000	0.000	0
25	252.0	0.000	0.000	0.009	0.009	196	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	305.8	0.000	0.000	0.010	0.010	275	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	296.5	0.000	0.000	0.010	0.010	256	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	348.9	0.000	0.000	0.012	0.012	368	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	351.8	0.000	0.000	0.011	0.011	325	220.4	0.000	0.000	0.010	0.010	192	0.000	0.000	0.000	0.000	0.000	0
30	440.5	0.000	0.000	0.010	0.010	373	202.9	0.000	0.000	0.010	0.010	172						
31	440.9	0.000	0.000	0.010	0.010	392	70.08	0.000	0.000	0.010	0.010	58						
Ten Daily Mean																		
Ten Daily I	0.000	0.000	0.000	0.000	0.000	0	473.6	0.000	0.000	0.010	0.010	419	82.47	0.000	0.000	0.005	0.005	65
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	295.6	0.000	0.000	0.010	0.010	258	161.9	0.000	0.000	0.008	0.008	117
Ten Daily III	250.7	0.000	0.000	0.008	0.008	218	98.75	0.000	0.000	0.006	0.006	80	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						2402						7654						1818

Annual Sediment Load (Metric Tonnes) : 58484

Daily Observed Sediment Datasheet for period : 2015-2016

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	58.86	0.000	0.000	0.010	0.010	49	39.19	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	60.29	0.000	0.000	0.008	0.008	44	39.89	0.000	0.000	0.007	0.007	25
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	41.89	0.000	0.000	0.008	0.008	28
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	41.27	0.000	0.000	0.008	0.008	29
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	59.55	0.000	0.000	0.008	0.008	41	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	58.95	0.000	0.000	0.008	0.008	40	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	42.38	0.000	0.000	0.006	0.006	22	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	39.70	0.000	0.000	0.007	0.007	25	0.000	0.000	0.000	0.000	0.000	0
26	0.000	0.000	0.000	0.000	0.000	0	41.59	0.000	0.000	0.006	0.006	22	0.000	0.000	0.000	0.000	0.000	0
27	52.81	0.000	0.000	0.007	0.007	32	38.35	0.000	0.000	0.007	0.007	22	0.000	0.000	0.000	0.000	0.000	0
28	0.000	0.000	0.000	0.000	0.000	0	38.12	0.000	0.000	0.007	0.007	24	0.000	0.000	0.000	0.000	0.000	0
29	0.000	0.000	0.000	0.000	0.000	0	37.59	0.000	0.000	0.007	0.007	22	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	39.83	0.000	0.000	0.006	0.006	22
31	0.000	0.000	0.000	0.000	0.000	0							42.42	0.000	0.000	0.006	0.006	21
Ten Daily Mean																		
Ten Daily I	5.955	0.000	0.000	0.001	0.001	4	11.92	0.000	0.000	0.002	0.002	9	16.22	0.000	0.000	0.002	0.002	8
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	10.13	0.000	0.000	0.001	0.001	6	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	4.801	0.000	0.000	0.001	0.001	3	19.54	0.000	0.000	0.003	0.003	11	7.477	0.000	0.000	0.001	0.001	4
Monthly																		
Total						73						270						124

Annual Sediment Load (Metric Tonnes) : 58484

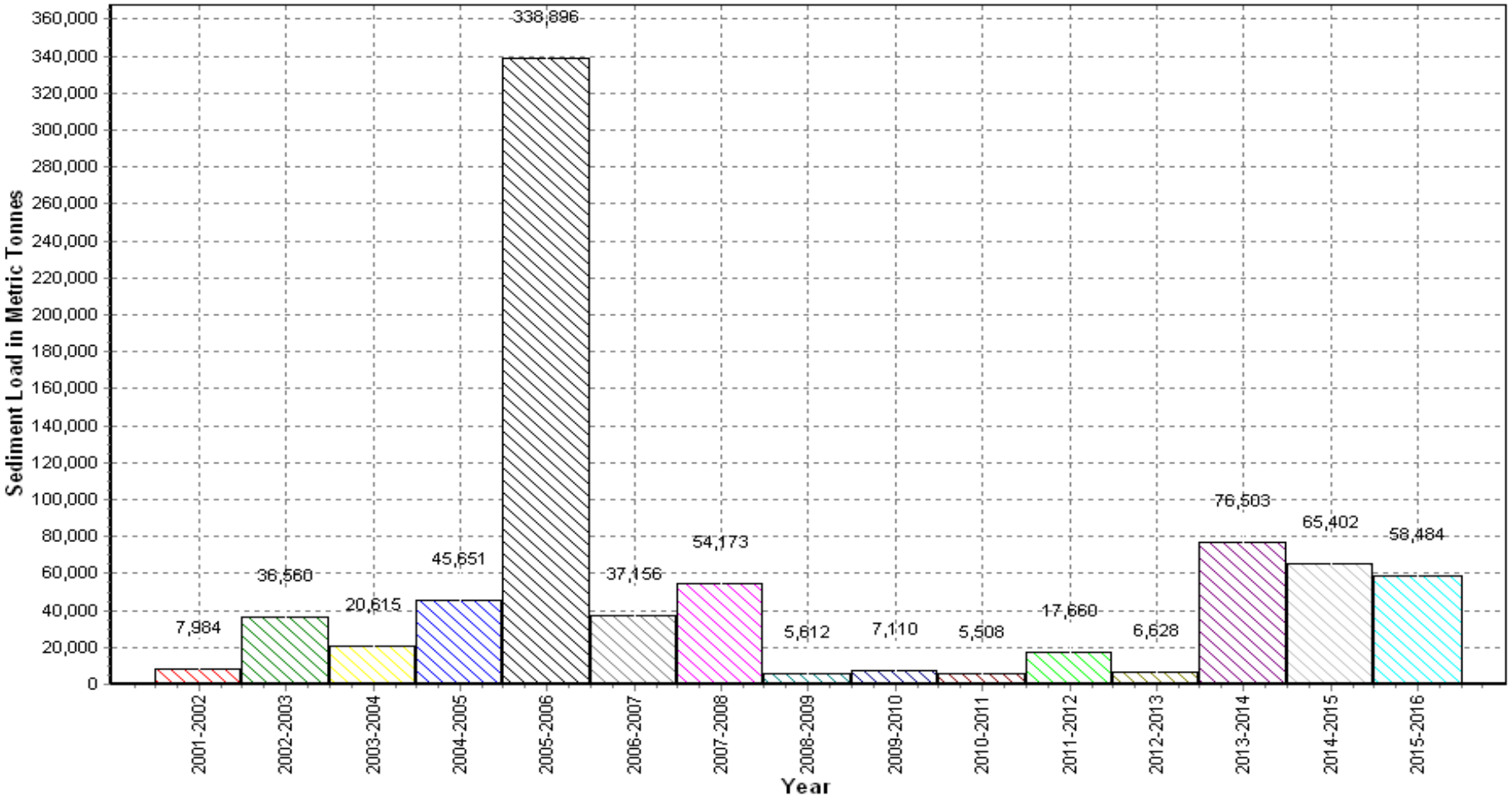
Annual Sediment Load for the period: 2001-2016

Station Name : URACHIKOTTAI (CC000K5)

Division : SR Division, Coimbatore

Local River : Cauvery

Sub-Division : Middle Cauvery SD, Coimbatore



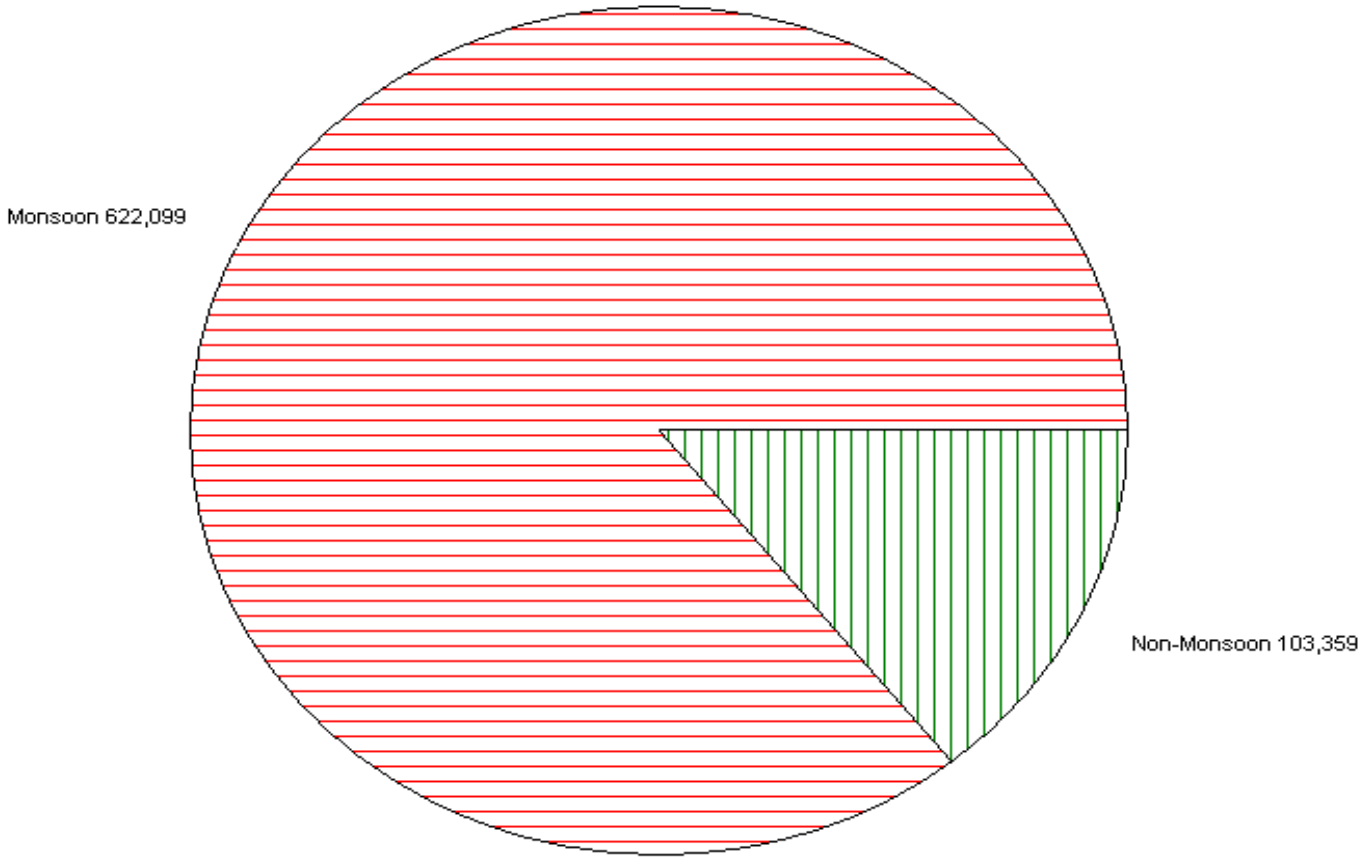
Seasonal Sediment Load for the period : 2001-2015

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



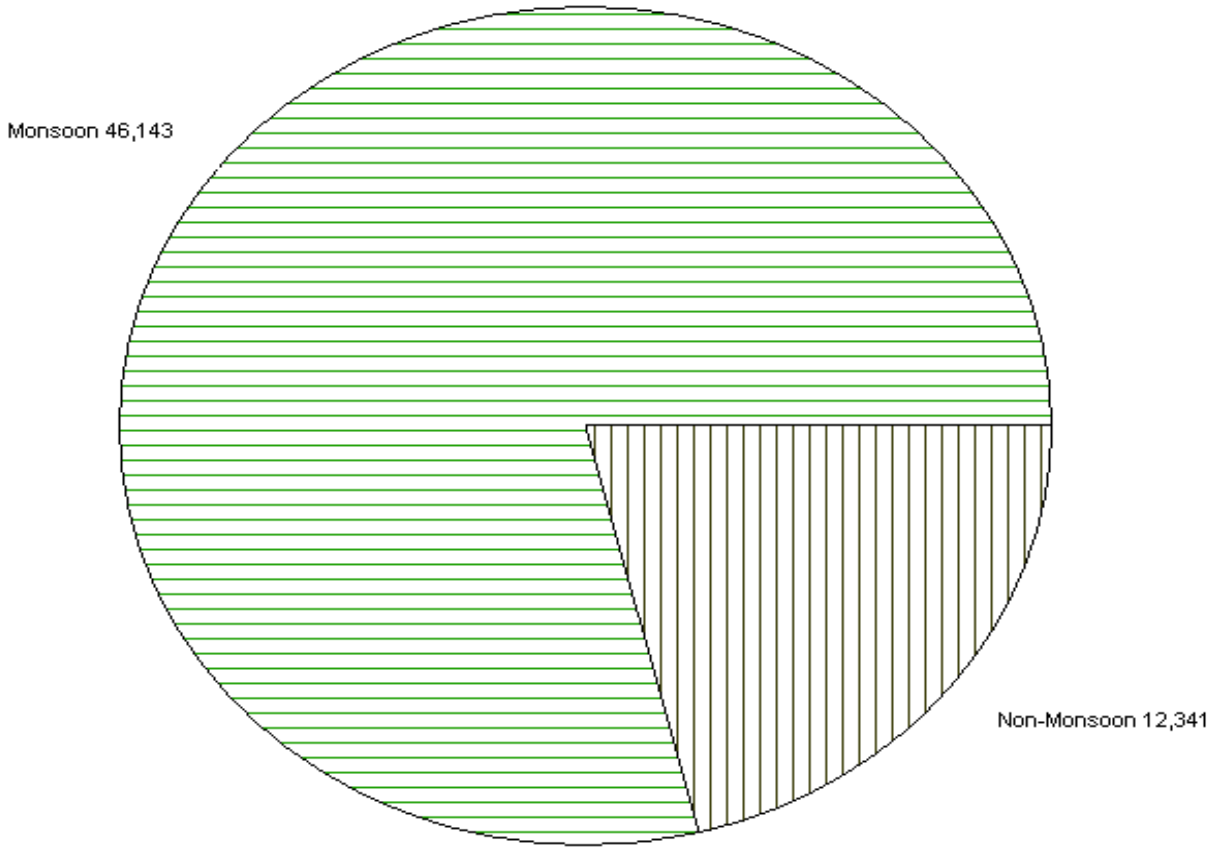
Seasonal Sediment Load for the Year: 2015-2016

Station Name : URACHIKOTTAI (CC000K5)

Local River : Cauvery

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



Annual Sediment Load for period : 2013-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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

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

Day	Jun						Jul						Aug					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	21.29	0.000	0.000	0.264	0.264	485
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.748	0.000	0.000	0.022	0.022	3
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.653	0.000	0.000	0.008	0.008	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	0.000	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	2.369	0.000	0.000	0.029	0.029	49
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						489

Annual Sediment Load (Metric Tonnes) : 2174

Daily Observed Sediment Datasheet for period : 2015-2016

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	1.156	0.000	0.000	0.350	0.350	35	5.783	0.000	0.000	0.654	0.654	327
6	0.000	0.000	0.000	0.000	0.000	0	3.939	0.000	0.000	0.207	0.207	70	2.840	0.000	0.000	0.237	0.237	58
7	0.000	0.000	0.000	0.000	0.000	0	2.070	0.000	0.000	0.351	0.351	63	1.032	0.000	0.000	0.043	0.043	4
8	0.000	0.000	0.000	0.000	0.000	0	1.586	0.000	0.000	0.351	0.351	48	0.703	0.000	0.000	0.047	0.047	3
9	0.000	0.000	0.000	0.000	0.000	0	0.958	0.000	0.000	0.350	0.350	29	0.703	0.000	0.000	0.047	0.047	3
10	0.000	0.000	0.000	0.000	0.000	0	0.837	0.000	0.000	0.350	0.350	25	1.659	0.000	0.000	0.036	0.036	5
11	0.000	0.000	0.000	0.000	0.000	0	0.826	0.000	0.000	0.350	0.350	25	3.066	0.000	0.000	0.183	0.183	49
12	0.000	0.000	0.000	0.000	0.000	0	3.157	0.000	0.000	0.352	0.352	96	2.773	0.000	0.000	0.024	0.024	6
13	0.000	0.000	0.000	0.000	0.000	0	2.268	0.000	0.000	0.260	0.260	51	2.734	0.000	0.000	0.174	0.174	41
14	0.000	0.000	0.000	0.000	0.000	0	1.119	0.000	0.000	0.350	0.350	34	2.228	0.000	0.000	0.021	0.021	4
15	0.000	0.000	0.000	0.000	0.000	0	0.742	0.000	0.000	0.350	0.350	22	1.659	0.000	0.000	0.036	0.036	5
16	0.000	0.000	0.000	0.000	0.000	0	0.583	0.000	0.000	0.350	0.350	18	1.981	0.000	0.000	0.046	0.046	8
17	0.000	0.000	0.000	0.000	0.000	0	0.457	0.000	0.000	0.350	0.350	14	1.959	0.000	0.000	0.044	0.044	7
18	0.000	0.000	0.000	0.000	0.000	0	0.606	0.000	0.000	0.350	0.350	18	1.678	0.000	0.000	0.036	0.036	5
19	0.000	0.000	0.000	0.000	0.000	0	0.245	0.000	0.000	0.349	0.349	7	1.380	0.000	0.000	0.039	0.039	5
20	0.000	0.000	0.000	0.000	0.000	0	0.469	0.000	0.000	0.350	0.350	14	1.608	0.000	0.000	0.037	0.037	5
21	0.000	0.000	0.000	0.000	0.000	0	0.441	0.000	0.000	0.350	0.350	13	1.584	0.000	0.000	0.037	0.037	5
22	0.000	0.000	0.000	0.000	0.000	0	0.631	0.000	0.000	0.350	0.350	19	1.543	0.000	0.000	0.037	0.037	5
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.595	0.000	0.000	0.037	0.037	5
24	0.000	0.000	0.000	0.000	0.000	0	0.386	0.000	0.000	0.349	0.349	12	1.520	0.000	0.000	0.038	0.038	5
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.432	0.000	0.000	0.039	0.039	5
26	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.270	0.000	0.000	0.040	0.040	4
27	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.033	0.000	0.000	0.043	0.043	4
28	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.998	0.000	0.000	0.043	0.043	4
29	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	1.032	0.000	0.000	0.043	0.043	4
30	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	2.335	0.000	0.000	0.023	0.023	5
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	1.055	0.000	0.000	0.196	0.196	27	1.272	0.000	0.000	0.177	0.177	67
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	1.047	0.000	0.000	0.341	0.341	30	2.106	0.000	0.000	0.064	0.064	13
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	0.133	0.000	0.000	0.095	0.095	4	1.434	0.000	0.000	0.038	0.038	5
Monthly																		
Total						0						614						580

Annual Sediment Load (Metric Tonnes) : 2174

Daily Observed Sediment Datasheet for period : 2015-2016

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	2.052	0.000	0.000	0.212	0.212	38	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	2.020	0.000	0.000	0.040	0.040	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	3.714	0.000	0.000	0.117	0.117	37	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	2.183	0.000	0.000	0.055	0.055	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	2.198	0.000	0.000	0.115	0.115	22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	1.778	0.000	0.000	0.137	0.137	21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	2.137	0.000	0.000	0.085	0.085	16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	2.089	0.000	0.000	0.057	0.057	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	1.634	0.000	0.000	0.145	0.145	21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	1.624	0.000	0.000	0.146	0.146	20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	1.708	0.000	0.000	0.141	0.141	21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	1.568	0.000	0.000	0.149	0.149	20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	1.317	0.000	0.000	0.162	0.162	18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	1.386	0.000	0.000	0.158	0.158	19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	1.257	0.000	0.000	0.165	0.165	18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	1.201	0.000	0.000	0.168	0.168	17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	1.079	0.000	0.000	0.175	0.175	16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.938	0.000	0.000	0.182	0.182	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.921	0.000	0.000	0.183	0.183	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	1.010	0.000	0.000	0.178	0.178	16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	0.716	0.000	0.000	0.194	0.194	12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	0.633	0.000	0.000	0.198	0.198	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	0.679	0.000	0.000	0.196	0.196	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	0.656	0.000	0.000	0.197	0.197	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	0.656	0.000	0.000	0.197	0.197	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
26	0.619	0.000	0.000	0.199	0.199	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
27	0.577	0.000	0.000	0.201	0.201	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
28	0.583	0.000	0.000	0.201	0.201	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
29	0.605	0.000	0.000	0.200	0.200	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	0.470	0.000	0.000	0.207	0.207	8	0.000	0.000	0.000	0.000	0.000	0						
31	0.467	0.000	0.000	0.207	0.207	8	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	2.143	0.000	0.000	0.111	0.111	20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	1.239	0.000	0.000	0.166	0.166	17	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	0.605	0.000	0.000	0.200	0.200	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						492						0						0

Annual Sediment Load (Metric Tonnes) : 2174

Daily Observed Sediment Datasheet for period : 2015-2016

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

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

Day	Mar						Apr						May					
	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day	Q cumecs.	Coarse g/l	Medium g/l	Fine g/l	Total g/l	Total M.T./day
1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	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) : 2174

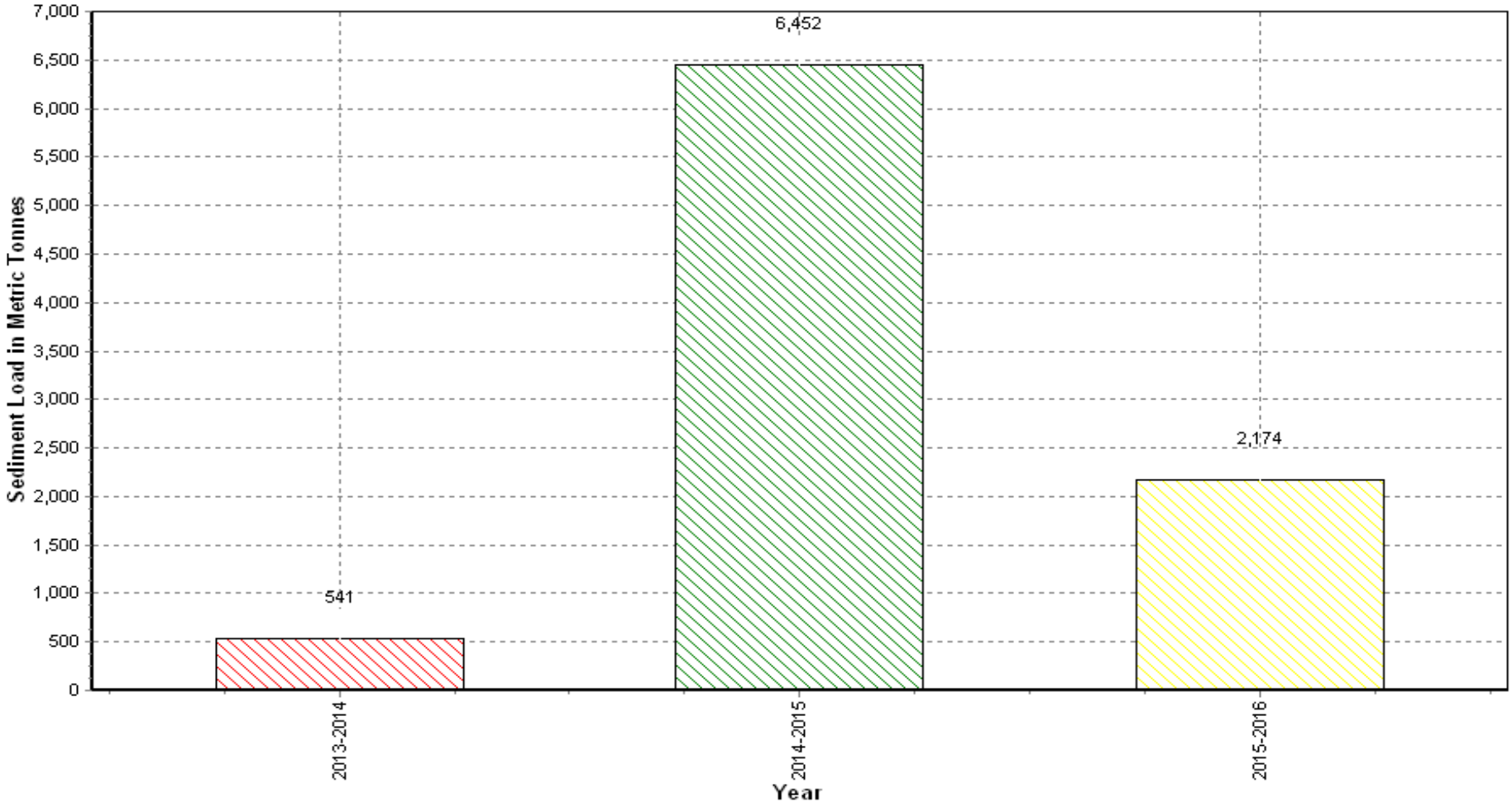
Annual Sediment Load for the period: 2013-2016

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

Sub-Division : Middle Cauvery SD, Coimbatore



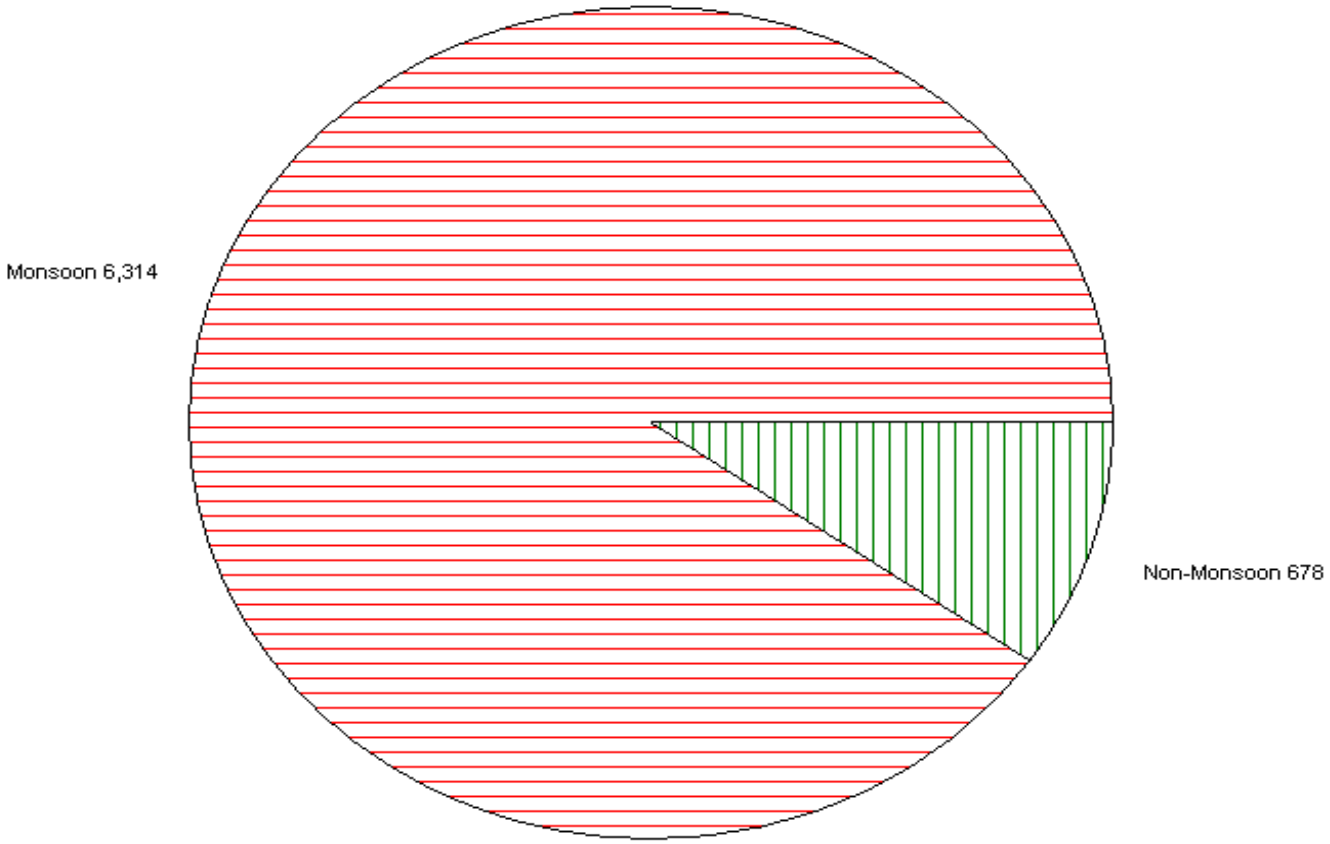
Seasonal Sediment Load for the period : 2013-2015

Station Name : KUDLUR (CCK00L9)

Local River : Palar

Division : SR Division, Coimbatore

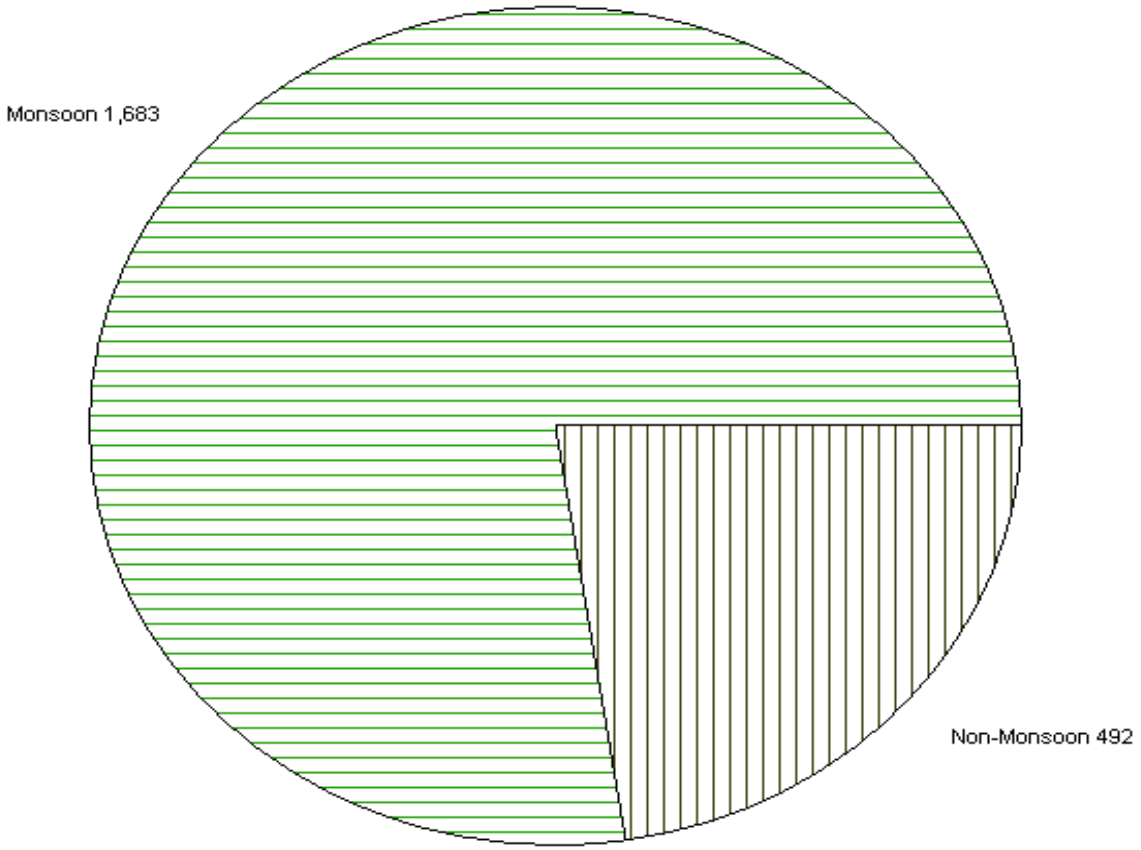
Sub-Division : Middle Cauvery SD, Coimbatore



Seasonal Sediment Load for the Year: 2015-2016

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**

Sl.No.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE RIVER						
									Bed Material Composition							Bed Material Composition	
	R.D.(m)	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L.(GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/s)	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRAULIC MEAN DEPTH (m)	MEAN VELOCITY (m/s)	SURFACE WATER SLOPE	DISCHARGE (m^3/s)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015					**DATE OF COLLECTION**							**28/11/2015**					
1	80	435.080	-	-	-	-	-	-	9.0	0.72					-*		
2	100	435.855	-	-	-	-	-	-	8.0	0.51					-*		
3	120	435.490	-	-	-	-	-	-	9.0	0.72					-*		
4	140	435.150	-	-	0.170	1.0	0.416	0.998	10.0	0.75	15.067	0.170	0.416	0.00070	0.998	10.0	0.68
POST MONSOON 2015					**DATE OF COLLECTION**							**28/12/2015**					
1	80	436.095	-	-	-	-	-	-	3.0	0.45					-*		
2	100	435.870	-	-	-	-	-	-	9.0	0.50					-*		
3	120	435.485	-	-	-	-	-	-	7.0	0.60					-*		
4	140	435.140	-	-	0.130	-	-	-	9.0	0.81					-**	9.0	0.59
PRE MONSOON 2016					**DATE OF COLLECTION**							**03/05/2016**					
1	80	436.120	-	-	-	-	-	-	5.0	0.47					-*		
2	100	435.860	-	-	-	-	-	-	5.0	0.48					-*		
3	120	435.470	-	-	-	-	-	-	8.0	0.66					-*		
4	140	435.150	-	-	-	-	-	-	10.0	1.19					-**	10.0	0.70

NOTE: * River Bed Dry.

****Negligible Flow.**

Annual Sediment Load for period : 1972-2016

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
2012-2013	33614	10214	43828	2844
2013-2014	108434	6817	115250	7348
2014-2015	56852	9218	66070	6392
2015-2016	45946	6619	52565	4361

Daily Observed Sediment Datasheet for period : 2015-2016

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	135.8	0.000	0.000	0.009	0.009	104	572.8	0.000	0.000	0.012	0.012	584	286.1	0.000	0.000	0.012	0.012	297
2	135.4	0.000	0.000	0.009	0.009	109	362.5	0.000	0.000	0.012	0.012	379	174.7	0.000	0.000	0.007	0.007	110
3	209.7	0.000	0.000	0.014	0.014	252	242.5	0.000	0.000	0.013	0.013	277	136.1	0.000	0.000	0.009	0.009	111
4	158.2	0.000	0.000	0.011	0.011	156	180.9	0.000	0.000	0.017	0.017	270	136.2	0.000	0.000	0.006	0.006	75
5	133.0	0.000	0.000	0.009	0.009	107	180.5	0.000	0.000	0.017	0.017	268	110.3	0.000	0.000	0.011	0.011	102
6	205.6	0.000	0.000	0.011	0.011	199	135.4	0.000	0.000	0.009	0.009	106	87.63	0.000	0.000	0.011	0.011	83
7	163.2	0.000	0.000	0.009	0.009	131	106.1	0.000	0.000	0.011	0.011	96	83.49	0.000	0.000	0.013	0.013	92
8	93.35	0.000	0.000	0.009	0.009	75	108.5	0.000	0.000	0.010	0.010	93	90.64	0.000	0.000	0.012	0.012	93
9	78.01	0.000	0.000	0.009	0.009	63	106.7	0.000	0.000	0.011	0.011	103	88.30	0.000	0.000	0.012	0.012	92
10	64.19	0.000	0.000	0.006	0.006	35	113.1	0.000	0.000	0.009	0.009	90	80.09	0.000	0.000	0.012	0.012	85
11	54.31	0.000	0.000	0.011	0.011	51	93.21	0.000	0.000	0.013	0.013	101	76.26	0.000	0.000	0.011	0.011	74
12	50.67	0.000	0.000	0.011	0.011	49	146.7	0.000	0.000	0.011	0.011	137	74.25	0.000	0.000	0.011	0.011	73
13	48.96	0.000	0.000	0.010	0.010	44	160.3	0.000	0.000	0.012	0.012	165	88.37	0.000	0.000	0.013	0.013	96
14	31.18	0.000	0.000	0.012	0.012	33	145.2	0.000	0.000	0.010	0.010	130	81.95	0.000	0.000	0.011	0.011	74
15	30.34	0.000	0.000	0.012	0.012	31	194.7	0.000	0.000	0.014	0.014	236	257.1	0.000	0.000	0.010	0.010	215
16	39.55	0.000	0.000	0.010	0.010	32	157.8	0.000	0.000	0.014	0.014	187	303.3	0.000	0.000	0.012	0.012	301
17	37.89	0.000	0.000	0.009	0.009	30	162.3	0.000	0.000	0.012	0.012	174	351.8	0.000	0.000	0.013	0.013	407
18	31.11	0.000	0.000	0.009	0.009	24	149.4	0.000	0.000	0.011	0.011	147	390.9	0.000	0.000	0.013	0.013	432
19	43.01	0.000	0.000	0.008	0.008	30	285.2	0.000	0.000	0.022	0.022	535	390.2	0.000	0.000	0.014	0.014	482
20	40.77	0.000	0.000	0.011	0.011	37	405.1	0.000	0.000	0.010	0.010	361	456.3	0.000	0.000	0.011	0.011	449
21	41.51	0.000	0.000	0.011	0.011	38	704.8	0.000	0.000	0.009	0.009	554	529.8	0.000	0.000	0.011	0.011	490
22	51.46	0.000	0.000	0.010	0.010	43	677.1	0.000	0.000	0.015	0.015	866	460.4	0.000	0.000	0.012	0.012	465
23	59.14	0.000	0.000	0.008	0.008	42	483.3	0.000	0.000	0.014	0.014	585	461.2	0.000	0.000	0.012	0.012	466
24	46.60	0.000	0.000	0.012	0.012	47	371.5	0.000	0.000	0.013	0.013	427	667.7	0.000	0.000	0.014	0.014	825
25	55.63	0.000	0.000	0.008	0.008	36	425.5	0.000	0.000	0.013	0.013	478	636.9	0.000	0.000	0.012	0.012	682
26	380.8	0.000	0.000	0.009	0.009	296	384.8	0.000	0.000	0.012	0.012	389	543.8	0.000	0.000	0.010	0.010	470
27	459.9	0.000	0.000	0.010	0.010	389	384.6	0.000	0.000	0.012	0.012	382	450.4	0.000	0.000	0.011	0.011	436
28	465.7	0.000	0.000	0.010	0.010	398	424.8	0.000	0.000	0.010	0.010	363	356.8	0.000	0.000	0.013	0.013	410
29	404.2	0.000	0.000	0.011	0.011	384	355.4	0.000	0.000	0.013	0.013	384	257.2	0.000	0.000	0.015	0.015	338
30	156.0	0.000	0.000	0.015	0.015	197	369.8	0.000	0.000	0.012	0.012	383	236.9	0.000	0.000	0.014	0.014	287
31							347.6	0.000	0.000	0.012	0.012	372	243.9	0.000	0.000	0.012	0.012	259
Ten Daily Mean																		
Ten Daily I	137.6	0.000	0.000	0.010	0.010	123	210.9	0.000	0.000	0.012	0.012	227	127.4	0.000	0.000	0.011	0.011	114
Ten Daily II	40.78	0.000	0.000	0.010	0.010	36	190.0	0.000	0.000	0.013	0.013	217	247.0	0.000	0.000	0.012	0.012	261
Ten Daily III	212.1	0.000	0.000	0.010	0.010	187	448.1	0.000	0.000	0.012	0.012	471	440.4	0.000	0.000	0.012	0.012	466
Monthly																		
Total						3465						9623						8874

Annual Sediment Load (Metric Tonnes) : 52603

Daily Observed Sediment Datasheet for period : 2015-2016

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	228.3	0.000	0.000	0.014	0.014	266	297.7	0.000	0.000	0.010	0.010	247	177.6	0.000	0.000	0.022	0.022	330
2	171.4	0.000	0.000	0.013	0.013	194	236.9	0.000	0.000	0.011	0.011	225	149.0	0.000	0.000	0.018	0.018	233
3	150.7	0.000	0.000	0.013	0.013	167	278.0	0.000	0.000	0.012	0.012	298	402.0	0.000	0.000	0.012	0.012	420
4	140.3	0.000	0.000	0.010	0.010	122	236.9	0.000	0.000	0.011	0.011	215	407.8	0.000	0.000	0.012	0.012	412
5	134.4	0.000	0.000	0.010	0.010	110	207.1	0.000	0.000	0.016	0.016	285	868.8	0.000	0.000	0.011	0.011	826
6	163.2	0.000	0.000	0.010	0.010	145	443.8	0.000	0.000	0.014	0.014	529	1061	0.000	0.000	0.011	0.011	1008
7	109.6	0.000	0.000	0.011	0.011	105	625.1	0.000	0.000	0.012	0.012	659	618.9	0.000	0.000	0.012	0.012	626
8	204.4	0.000	0.000	0.013	0.013	221	416.3	0.000	0.000	0.016	0.016	590	250.3	0.000	0.000	0.018	0.018	396
9	241.3	0.000	0.000	0.014	0.014	290	225.1	0.000	0.000	0.016	0.016	315	217.2	0.000	0.000	0.016	0.016	298
10	164.5	0.000	0.000	0.016	0.016	233	150.3	0.000	0.000	0.015	0.015	192	366.8	0.000	0.000	0.008	0.008	244
11	133.5	0.000	0.000	0.011	0.011	126	125.8	0.000	0.000	0.017	0.017	189	534.1	0.000	0.000	0.011	0.011	517
12	137.2	0.000	0.000	0.008	0.008	96	147.3	0.000	0.000	0.020	0.020	255	417.0	0.000	0.000	0.012	0.012	432
13	133.5	0.000	0.000	0.011	0.011	125	257.6	0.000	0.000	0.013	0.013	285	361.8	0.000	0.000	0.009	0.009	269
14	91.99	0.000	0.000	0.014	0.014	108	298.7	0.000	0.000	0.014	0.014	364	282.9	0.000	0.000	0.012	0.012	303
15	82.25	0.000	0.000	0.013	0.013	90	229.3	0.000	0.000	0.017	0.017	333	211.0	0.000	0.000	0.009	0.009	168
16	70.47	0.000	0.000	0.012	0.012	72	147.8	0.000	0.000	0.019	0.019	243	152.4	0.000	0.000	0.009	0.009	115
17	84.01	0.000	0.000	0.014	0.014	102	128.5	0.000	0.000	0.009	0.009	94	190.6	0.000	0.000	0.011	0.011	181
18	80.12	0.000	0.000	0.009	0.009	64	88.30	0.000	0.000	0.007	0.007	56	207.6	0.000	0.000	0.010	0.010	185
19	129.7	0.000	0.000	0.010	0.010	109	106.0	0.000	0.000	0.009	0.009	81	156.3	0.000	0.000	0.012	0.012	162
20	125.8	0.000	0.000	0.009	0.009	102	123.0	0.000	0.000	0.010	0.010	104	240.6	0.000	0.000	0.012	0.012	256
21	207.9	0.000	0.000	0.014	0.014	255	120.1	0.000	0.000	0.009	0.009	91	268.0	0.000	0.000	0.012	0.012	276
22	288.4	0.000	0.000	0.011	0.011	279	130.9	0.000	0.000	0.011	0.011	129	267.5	0.000	0.000	0.012	0.012	273
23	282.7	0.000	0.000	0.014	0.014	332	147.5	0.000	0.000	0.013	0.013	164	244.7	0.000	0.000	0.010	0.010	220
24	365.8	0.000	0.000	0.012	0.012	379	136.1	0.000	0.000	0.012	0.012	140	178.7	0.000	0.000	0.010	0.010	156
25	345.0	0.000	0.000	0.011	0.011	337	128.4	0.000	0.000	0.011	0.011	124	190.2	0.000	0.000	0.011	0.011	174
26	866.0	0.000	0.000	0.013	0.013	995	109.1	0.000	0.000	0.009	0.009	82	156.3	0.000	0.000	0.011	0.011	150
27	621.5	0.000	0.000	0.013	0.013	682	118.4	0.000	0.000	0.009	0.009	88	146.1	0.000	0.000	0.015	0.015	184
28	552.5	0.000	0.000	0.011	0.011	539	106.6	0.000	0.000	0.007	0.007	64	144.5	0.000	0.000	0.015	0.015	182
29	554.0	0.000	0.000	0.014	0.014	670	122.1	0.000	0.000	0.010	0.010	100	149.4	0.000	0.000	0.015	0.015	194
30	399.3	0.000	0.000	0.014	0.014	476	145.6	0.000	0.000	0.009	0.009	108	152.5	0.000	0.000	0.014	0.014	190
31							163.9	0.000	0.000	0.012	0.012	164						
Ten Daily Mean																		
Ten Daily I	170.8	0.000	0.000	0.012	0.012	185	311.7	0.000	0.000	0.013	0.013	355	451.9	0.000	0.000	0.014	0.014	479
Ten Daily II	106.9	0.000	0.000	0.011	0.011	99	165.2	0.000	0.000	0.013	0.013	200	275.4	0.000	0.000	0.011	0.011	259
Ten Daily III	448.3	0.000	0.000	0.013	0.013	495	129.9	0.000	0.000	0.010	0.010	114	189.8	0.000	0.000	0.012	0.012	200
Monthly																		
Total						7791						6815						9378

Annual Sediment Load (Metric Tonnes) : 52603

Daily Observed Sediment Datasheet for period : 2015-2016

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	202.8	0.000	0.000	0.011	0.011	186	50.74	0.000	0.000	0.013	0.013	58	15.97	0.000	0.000	0.011	0.011	15
2	204.8	0.000	0.000	0.012	0.012	211	41.47	0.000	0.000	0.012	0.012	43	16.92	0.000	0.000	0.011	0.011	16
3	238.7	0.000	0.000	0.011	0.011	217	39.76	0.000	0.000	0.013	0.013	46	16.92	0.000	0.000	0.011	0.011	16
4	242.2	0.000	0.000	0.009	0.009	188	42.66	0.000	0.000	0.014	0.014	53	14.16	0.000	0.000	0.013	0.013	16
5	173.3	0.000	0.000	0.014	0.014	205	40.87	0.000	0.000	0.010	0.010	36	13.29	0.000	0.000	0.014	0.014	16
6	152.6	0.000	0.000	0.012	0.012	158	41.17	0.000	0.000	0.010	0.010	36	18.89	0.000	0.000	0.012	0.012	20
7	129.0	0.000	0.000	0.010	0.010	109	41.53	0.000	0.000	0.011	0.011	40	30.29	0.000	0.000	0.009	0.009	25
8	106.9	0.000	0.000	0.008	0.008	75	41.13	0.000	0.000	0.012	0.012	41	35.12	0.000	0.000	0.011	0.011	33
9	86.90	0.000	0.000	0.008	0.008	62	40.44	0.000	0.000	0.012	0.012	41	33.79	0.000	0.000	0.012	0.012	35
10	82.28	0.000	0.000	0.006	0.006	39	26.60	0.000	0.000	0.009	0.009	21	27.66	0.000	0.000	0.011	0.011	25
11	77.45	0.000	0.000	0.011	0.011	70	28.92	0.000	0.000	0.010	0.010	25	14.76	0.000	0.000	0.008	0.008	11
12	70.63	0.000	0.000	0.010	0.010	63	28.06	0.000	0.000	0.012	0.012	30	14.80	0.000	0.000	0.013	0.013	16
13	85.42	0.000	0.000	0.012	0.012	92	29.60	0.000	0.000	0.013	0.013	34	20.11	0.000	0.000	0.013	0.013	22
14	69.85	0.000	0.000	0.011	0.011	68	28.94	0.000	0.000	0.013	0.013	33	13.29	0.000	0.000	0.011	0.011	13
15	78.52	0.000	0.000	0.010	0.010	69	34.19	0.000	0.000	0.016	0.016	46	14.85	0.000	0.000	0.012	0.012	16
16	90.56	0.000	0.000	0.010	0.010	77	52.15	0.000	0.000	0.013	0.013	59	16.77	0.000	0.000	0.014	0.014	20
17	84.39	0.000	0.000	0.011	0.011	78	57.08	0.000	0.000	0.014	0.014	71	15.52	0.000	0.000	0.014	0.014	19
18	82.11	0.000	0.000	0.011	0.011	74	41.74	0.000	0.000	0.012	0.012	44	15.32	0.000	0.000	0.011	0.011	15
19	75.41	0.000	0.000	0.010	0.010	63	55.88	0.000	0.000	0.010	0.010	47	13.17	0.000	0.000	0.013	0.013	15
20	79.32	0.000	0.000	0.010	0.010	70	51.51	0.000	0.000	0.011	0.011	49	9.195	0.000	0.000	0.015	0.015	12
21	70.20	0.000	0.000	0.011	0.011	67	42.11	0.000	0.000	0.010	0.010	36	13.29	0.000	0.000	0.013	0.013	15
22	68.21	0.000	0.000	0.011	0.011	64	41.73	0.000	0.000	0.011	0.011	41	8.954	0.000	0.000	0.017	0.017	13
23	63.21	0.000	0.000	0.012	0.012	63	43.08	0.000	0.000	0.012	0.012	43	9.045	0.000	0.000	0.015	0.015	11
24	62.31	0.000	0.000	0.011	0.011	59	44.19	0.000	0.000	0.012	0.012	45	9.051	0.000	0.000	0.016	0.016	12
25	62.31	0.000	0.000	0.011	0.011	59	44.38	0.000	0.000	0.012	0.012	45	9.106	0.000	0.000	0.013	0.013	10
26	58.27	0.000	0.000	0.010	0.010	52	44.94	0.000	0.000	0.012	0.012	46	8.118	0.000	0.000	0.018	0.018	13
27	58.80	0.000	0.000	0.010	0.010	53	35.35	0.000	0.000	0.013	0.013	39	8.103	0.000	0.000	0.018	0.018	13
28	55.26	0.000	0.000	0.013	0.013	63	34.85	0.000	0.000	0.012	0.012	35	48.84	0.000	0.000	0.012	0.012	51
29	51.20	0.000	0.000	0.012	0.012	51	33.98	0.000	0.000	0.012	0.012	34	37.21	0.000	0.000	0.009	0.009	30
30	50.64	0.000	0.000	0.014	0.014	59	28.98	0.000	0.000	0.013	0.013	33						
31	41.46	0.000	0.000	0.014	0.014	49	22.04	0.000	0.000	0.010	0.010	19						
Ten Daily Mean																		
Ten Daily I	161.9	0.000	0.000	0.010	0.010	145	40.64	0.000	0.000	0.012	0.012	41	22.30	0.000	0.000	0.012	0.012	22
Ten Daily II	79.37	0.000	0.000	0.011	0.011	72	40.81	0.000	0.000	0.012	0.012	44	14.78	0.000	0.000	0.012	0.012	16
Ten Daily III	58.35	0.000	0.000	0.012	0.012	58	37.78	0.000	0.000	0.012	0.012	38	16.86	0.000	0.000	0.015	0.015	19
Monthly Total						2814						1268						543

Annual Sediment Load (Metric Tonnes) : 52603

Daily Observed Sediment Datasheet for period : 2015-2016

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	36.42	0.000	0.000	0.009	0.009	28	14.22	0.000	0.000	0.011	0.011	13	16.92	0.000	0.000	0.011	0.011	16
2	40.32	0.000	0.000	0.057	0.057	200	13.57	0.000	0.000	0.012	0.012	15	17.98	0.000	0.000	0.012	0.012	18
3	30.24	0.000	0.000	0.011	0.011	28	10.84	0.000	0.000	0.010	0.010	9	19.09	0.000	0.000	0.011	0.011	17
4	25.73	0.000	0.000	0.012	0.012	26	8.391	0.000	0.000	0.017	0.017	12	9.646	0.000	0.000	0.017	0.017	14
5	25.55	0.000	0.000	0.010	0.010	22	6.570	0.000	0.000	0.016	0.016	9	16.41	0.000	0.000	0.011	0.011	15
6	18.89	0.000	0.000	0.007	0.007	12	8.012	0.000	0.000	0.016	0.016	11	14.41	0.000	0.000	0.012	0.012	15
7	20.76	0.000	0.000	0.010	0.010	17	6.333	0.000	0.000	0.013	0.013	7	12.68	0.000	0.000	0.014	0.014	15
8	20.34	0.000	0.000	0.011	0.011	19	5.469	0.000	0.000	0.012	0.012	5	19.92	0.000	0.000	0.022	0.022	37
9	19.53	0.000	0.000	0.010	0.010	17	6.496	0.000	0.000	0.012	0.012	7	12.86	0.000	0.000	0.013	0.013	15
10	23.34	0.000	0.000	0.010	0.010	20	10.84	0.000	0.000	0.020	0.020	18	38.22	0.000	0.000	0.010	0.010	34
11	19.27	0.000	0.000	0.010	0.010	17	7.916	0.000	0.000	0.017	0.017	11	34.33	0.000	0.000	0.011	0.011	32
12	20.72	0.000	0.000	0.011	0.011	19	7.774	0.000	0.000	0.020	0.020	14	22.98	0.000	0.000	0.010	0.010	19
13	15.97	0.000	0.000	0.008	0.008	11	8.245	0.000	0.000	0.020	0.020	14	18.41	0.000	0.000	0.010	0.010	16
14	18.09	0.000	0.000	0.013	0.013	20	6.650	0.000	0.000	0.016	0.016	9	13.07	0.000	0.000	0.015	0.015	16
15	18.33	0.000	0.000	0.011	0.011	17	50.45	0.000	0.000	0.011	0.011	50	19.92	0.000	0.000	0.022	0.022	38
16	19.09	0.000	0.000	0.012	0.012	20	33.81	0.000	0.000	0.019	0.019	54	12.66	0.000	0.000	0.014	0.014	15
17	20.61	0.000	0.000	0.011	0.011	20	30.29	0.000	0.000	0.012	0.012	31	10.29	0.000	0.000	0.015	0.015	14
18	18.85	0.000	0.000	0.012	0.012	19	15.94	0.000	0.000	0.010	0.010	14	8.493	0.000	0.000	0.021	0.021	15
19	9.233	0.000	0.000	0.016	0.016	13	10.84	0.000	0.000	0.010	0.010	9	12.59	0.000	0.000	0.012	0.012	13
20	19.92	0.000	0.000	0.010	0.010	18	18.85	0.000	0.000	0.010	0.010	16	11.34	0.000	0.000	0.015	0.015	14
21	9.364	0.000	0.000	0.018	0.018	15	14.91	0.000	0.000	0.011	0.011	14	22.04	0.000	0.000	0.028	0.028	54
22	19.19	0.000	0.000	0.011	0.011	18	8.601	0.000	0.000	0.018	0.018	14	36.92	0.000	0.000	0.047	0.047	151
23	9.530	0.000	0.000	0.018	0.018	15	23.97	0.000	0.000	0.009	0.009	19	40.46	0.000	0.000	0.011	0.011	38
24	12.22	0.000	0.000	0.015	0.015	16	12.44	0.000	0.000	0.015	0.015	16	40.18	0.000	0.000	0.010	0.010	35
25	15.97	0.000	0.000	0.013	0.013	18	11.28	0.000	0.000	0.014	0.014	13	33.66	0.000	0.000	0.010	0.010	29
26	15.33	0.000	0.000	0.012	0.012	16	8.818	0.000	0.000	0.017	0.017	13	13.80	0.000	0.000	0.011	0.011	13
27	15.97	0.000	0.000	0.013	0.013	18	6.249	0.000	0.000	0.013	0.013	7	12.53	0.000	0.000	0.012	0.012	13
28	16.15	0.000	0.000	0.012	0.012	16	11.51	0.000	0.000	0.015	0.015	15	14.12	0.000	0.000	0.012	0.012	15
29	16.46	0.000	0.000	0.011	0.011	16	16.61	0.000	0.000	0.011	0.011	16	16.92	0.000	0.000	0.015	0.015	21
30	12.05	0.000	0.000	0.013	0.013	13	17.46	0.000	0.000	0.010	0.010	15	14.20	0.000	0.000	0.013	0.013	16
31	9.285	0.000	0.000	0.017	0.017	14							10.95	0.000	0.000	0.016	0.016	15
Ten Daily Mean																		
Ten Daily I	26.11	0.000	0.000	0.015	0.015	39	9.074	0.000	0.000	0.014	0.014	11	17.81	0.000	0.000	0.013	0.013	20
Ten Daily II	18.01	0.000	0.000	0.011	0.011	17	19.08	0.000	0.000	0.014	0.014	22	16.41	0.000	0.000	0.014	0.014	19
Ten Daily III	13.77	0.000	0.000	0.014	0.014	16	13.18	0.000	0.000	0.013	0.013	14	23.25	0.000	0.000	0.017	0.017	36
Monthly																		
Total						735						471						788

Annual Sediment Load (Metric Tonnes) : 52603

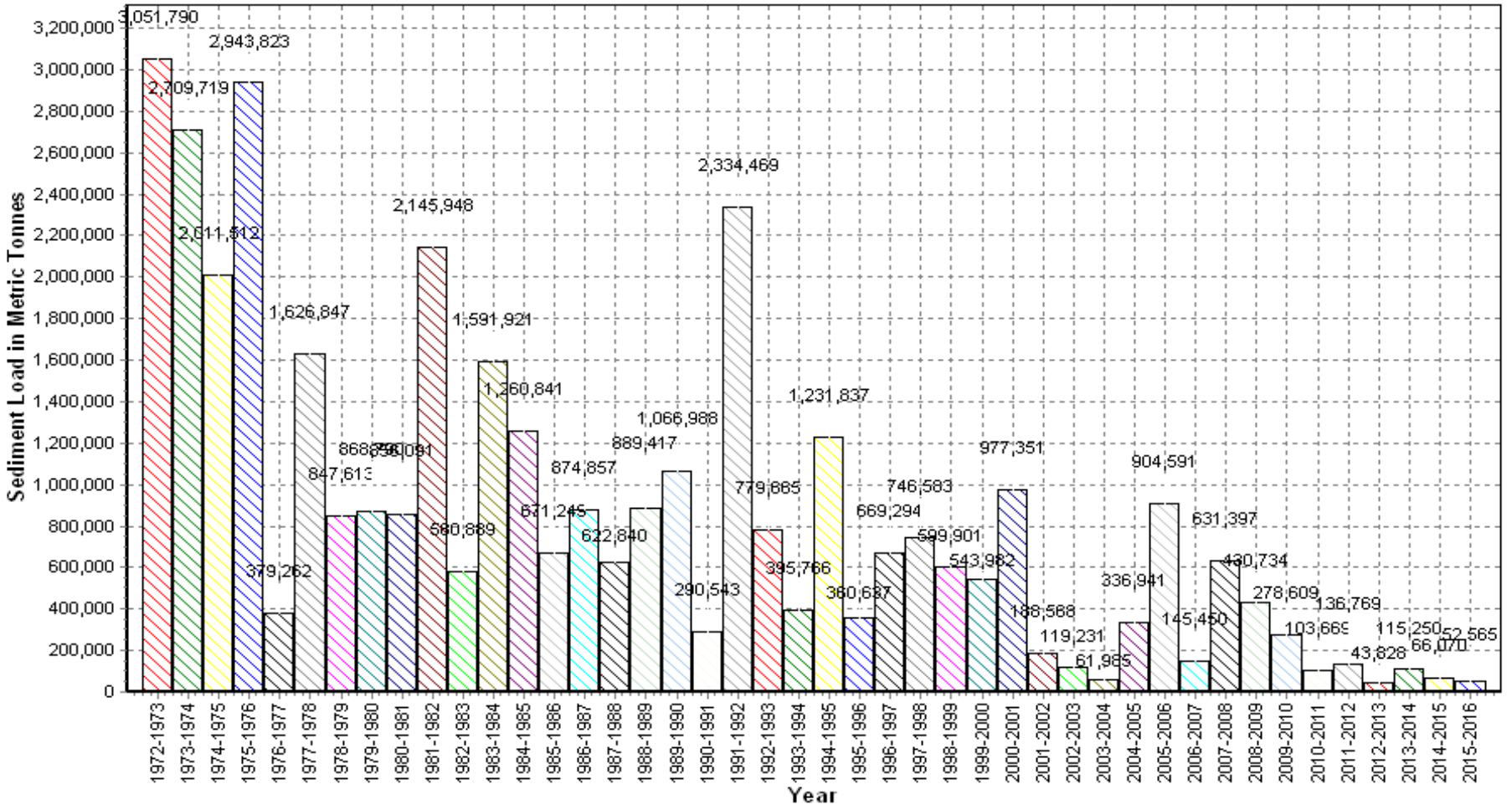
Annual Sediment Load for the period: 1972-2016

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

Sub-Division : Upper Cauvery SD, Bangalore



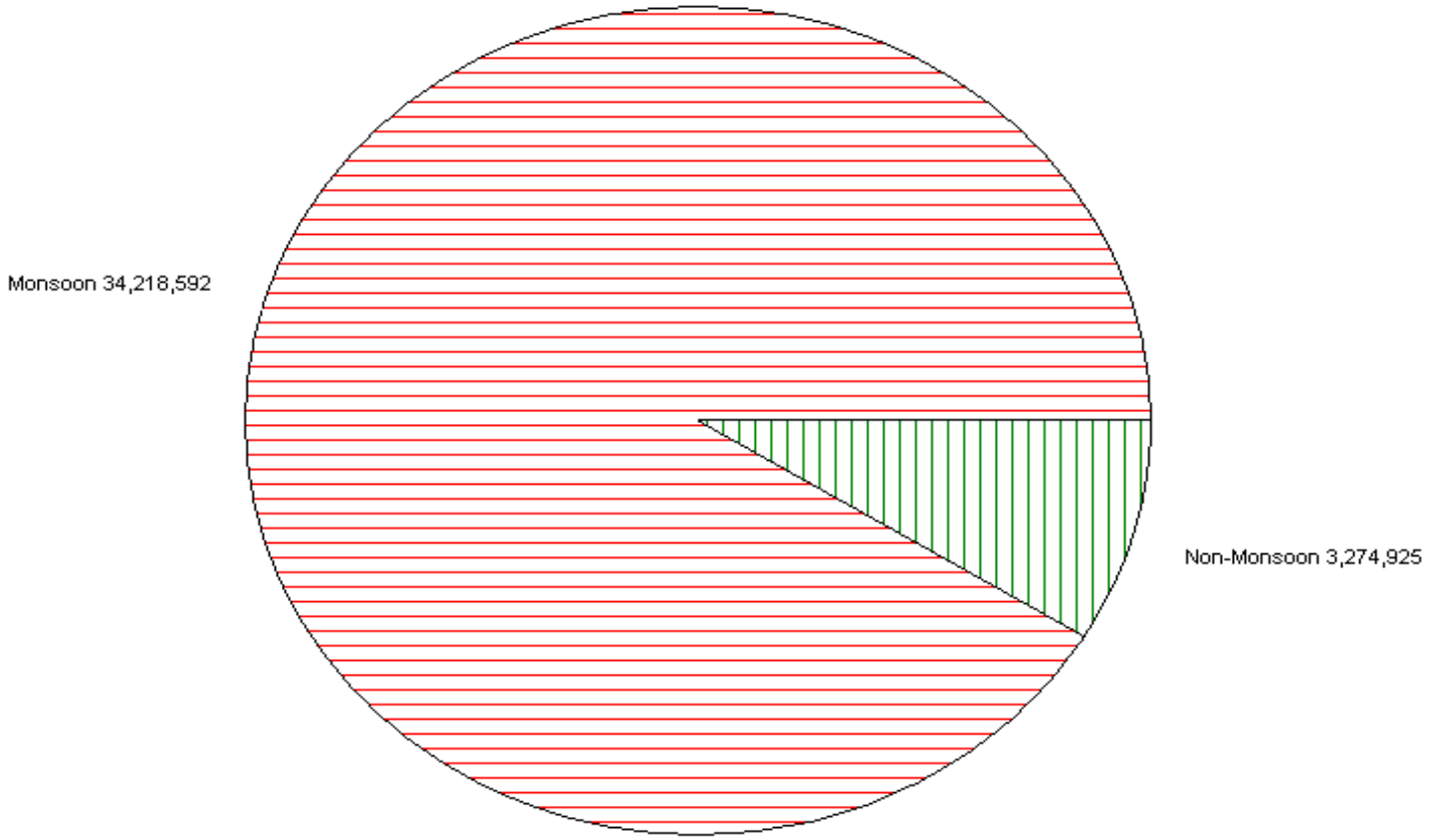
Seasonal Sediment Load for the period : 1972-2015

Station Name : Biligundulu (CC000N7)

Local River : Cauvery

Division : Cauvery Division, Bangalore

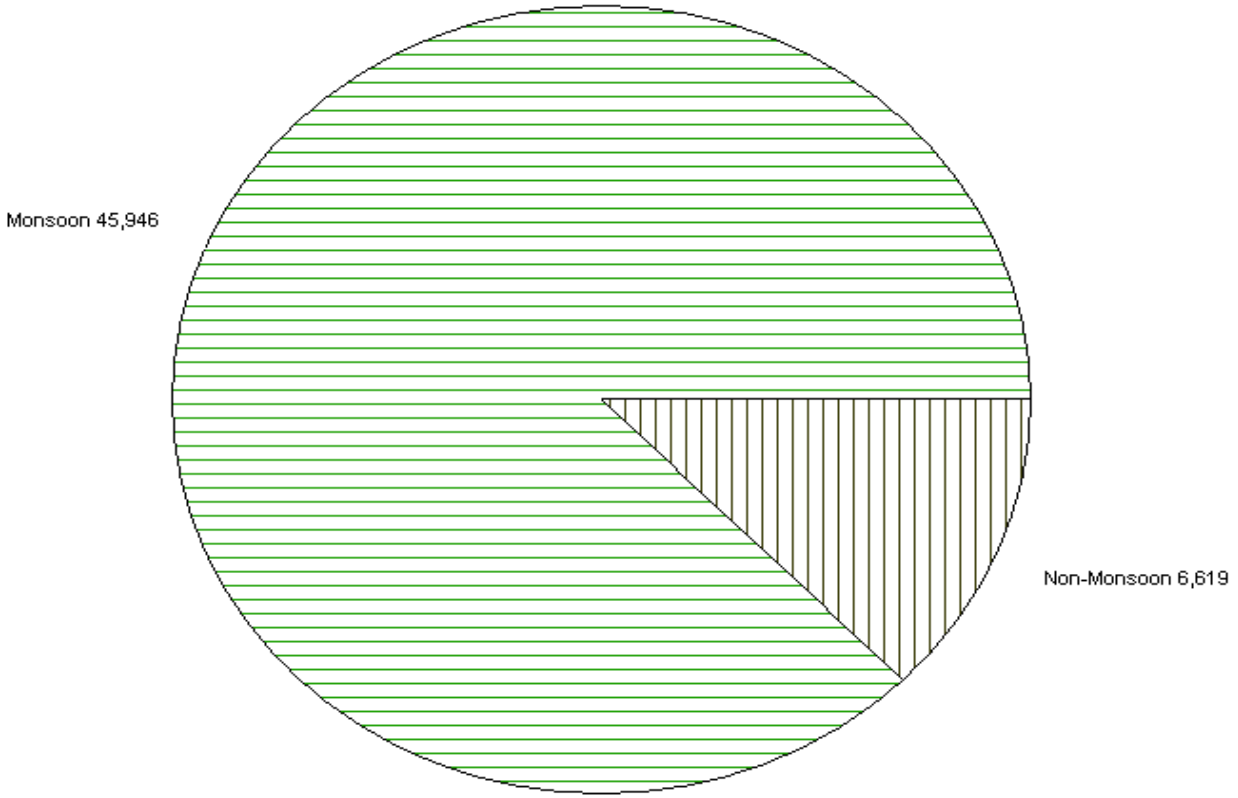
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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								Bed Material Composition		GENERAL DATA OF THE RIVER					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 2015							DATE OF COLLECTION		00-00-0000								
1																	
2																	
3							Sample not collected										
4																	
5																	
POSTMONSOON 2015							DATE OF COLLECTION		10.12.2015								
1	40	260.375	-	-	-	40	Dry Bed		3.50	0.31							
2	80		257.510	258.210	0.70	40	-	-	5.50	0.60							
3	120		254.910	258.210	3.30	40	0.542	8.943	8.50	1.40	133.514	314.85	0.1991	0.00010	82.28	8.50	0.85
4	160		254.360	258.210	3.85	40	0.067	1.289	8.50	1.78							
5	200		255.150	258.210	3.06	40	-	-	0.60	0.17							
PREMONSOON 2016							DATE OF COLLECTION		12.05.2016								
1	40	260.375	-	-	-	40	Dry Bed		2.50	0.39							
2	80	257.550	-	-	-	40	-	-	9.00	0.75							
3	120		254.625	257.765	3.14	40	0.131	2.0567	9.00	1.41	120.020	2.8261	0.0653	0.00010	22.98	17.00	1.26
4	160		254.355	257.765	3.41	40	0.088	1.5004	17.00	3.39							
5	200		255.400	257.765	2.60	40	-	-	2.50	0.36							

Annual Sediment Load for period : 2013-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	9.273	0.000	0.000	0.016	0.016	13	7.538	0.000	0.000	0.016	0.016	11	6.705	0.000	0.000	0.035	0.035	20
2	10.33	0.000	0.000	0.029	0.029	26	8.100	0.000	0.000	0.038	0.038	27	7.688	0.000	0.000	0.040	0.040	26
3	10.43	0.000	0.000	0.025	0.025	23	7.424	0.000	0.000	0.164	0.164	105	7.362	0.000	0.000	0.022	0.022	14
4	8.756	0.000	0.000	0.026	0.026	20	7.823	0.000	0.000	0.027	0.027	18	7.464	0.000	0.000	0.020	0.020	13
5	14.99	0.000	0.000	0.030	0.030	39	8.118	0.000	0.000	0.028	0.028	20	7.114	0.000	0.000	0.025	0.025	15
6	15.25	0.000	0.000	0.027	0.027	35	7.359	0.000	0.000	0.001	0.001	1	7.839	0.000	0.000	0.025	0.025	17
7	8.055	0.000	0.000	0.014	0.014	10	7.550	0.000	0.000	0.015	0.015	10	7.460	0.000	0.000	0.021	0.021	14
8	14.68	0.000	0.000	0.017	0.017	21	7.724	0.000	0.000	0.013	0.013	9	6.800	0.000	0.000	0.018	0.018	10
9	10.04	0.000	0.000	0.030	0.030	26	7.669	0.000	0.000	0.014	0.014	9	7.387	0.000	0.000	0.019	0.019	12
10	8.808	0.000	0.000	0.028	0.028	22	6.901	0.000	0.000	0.020	0.020	12	8.153	0.000	0.000	0.037	0.037	26
11	10.37	0.000	0.000	0.027	0.027	24	7.772	0.000	0.000	0.008	0.008	5	7.365	0.000	0.000	0.033	0.033	21
12	10.01	0.000	0.000	0.033	0.033	28	8.456	0.000	0.000	0.024	0.024	17	7.611	0.000	0.000	0.018	0.018	12
13	10.26	0.000	0.000	0.026	0.026	23	7.623	0.000	0.000	0.021	0.021	14	8.885	0.000	0.000	0.027	0.027	21
14	10.65	0.000	0.000	0.029	0.029	27	7.316	0.000	0.000	0.058	0.058	37	8.224	0.000	0.000	0.038	0.038	27
15	8.702	0.000	0.000	0.024	0.024	18	7.694	0.000	0.000	0.037	0.037	25	8.629	0.000	0.000	0.040	0.040	30
16	8.504	0.000	0.000	0.023	0.023	17	7.708	0.000	0.000	0.074	0.074	49	8.415	0.000	0.000	0.039	0.039	28
17	8.834	0.000	0.000	0.025	0.025	19	7.974	0.000	0.000	0.082	0.082	56	16.82	0.000	0.000	0.031	0.031	45
18	6.843	0.000	0.000	0.025	0.025	15	7.153	0.000	0.000	0.073	0.073	45	21.25	0.000	0.000	0.040	0.040	73
19	10.05	0.000	0.000	0.028	0.028	24	7.467	0.000	0.000	0.112	0.112	72	28.64	0.000	0.000	0.053	0.053	132
20	9.370	0.000	0.000	0.025	0.025	20	7.335	0.000	0.000	0.110	0.110	70	27.84	0.000	0.000	0.052	0.052	125
21	9.334	0.000	0.000	0.025	0.025	20	7.284	0.000	0.000	0.074	0.074	46	18.07	0.000	0.000	0.034	0.034	52
22	8.374	0.000	0.000	0.028	0.028	21	8.619	0.000	0.000	0.035	0.035	26	17.80	0.000	0.000	0.033	0.033	51
23	8.999	0.000	0.000	0.029	0.029	23	8.353	0.000	0.000	0.027	0.027	20	18.05	0.000	0.000	0.034	0.034	52
24	8.860	0.000	0.000	0.034	0.034	26	8.203	0.000	0.000	0.025	0.025	18	17.94	0.000	0.000	0.033	0.033	51
25	10.13	0.000	0.000	0.020	0.020	17	8.108	0.000	0.000	0.026	0.026	18	18.07	0.000	0.000	0.034	0.034	52
26	7.921	0.000	0.000	0.027	0.027	18	8.456	0.000	0.000	0.028	0.028	20	17.53	0.000	0.000	0.034	0.034	51
27	7.645	0.000	0.000	0.021	0.021	14	7.032	0.000	0.000	0.016	0.016	10	10.47	0.000	0.000	0.020	0.020	18
28	6.549	0.000	0.000	0.018	0.018	10	7.345	0.000	0.000	0.017	0.017	11	18.62	0.000	0.000	0.036	0.036	58
29	7.342	0.000	0.000	0.030	0.030	19	6.584	0.000	0.000	0.032	0.032	18	17.53	0.000	0.000	0.034	0.034	51
30	7.792	0.000	0.000	0.020	0.020	13	6.842	0.000	0.000	0.038	0.038	23	9.294	0.000	0.000	0.046	0.046	37
31							6.423	0.000	0.000	0.045	0.045	25	8.303	0.000	0.000	0.042	0.042	30
Ten Daily Mean																		
Ten Daily I	11.06	0.000	0.000	0.024	0.024	23	7.621	0.000	0.000	0.034	0.034	22	7.397	0.000	0.000	0.026	0.026	17
Ten Daily II	9.359	0.000	0.000	0.026	0.026	22	7.650	0.000	0.000	0.060	0.060	39	14.37	0.000	0.000	0.037	0.037	51
Ten Daily III	8.295	0.000	0.000	0.025	0.025	18	7.568	0.000	0.000	0.033	0.033	21	15.61	0.000	0.000	0.034	0.034	46
Monthly																		
Total						630						845						1185

Annual Sediment Load (Metric Tonnes) : 11628

Daily Observed Sediment Datasheet for period : 2015-2016

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	7.857	0.000	0.000	0.055	0.055	38	8.319	0.000	0.000	0.020	0.020	14	7.277	0.000	0.000	0.011	0.011	7
2	7.709	0.000	0.000	0.050	0.050	33	9.309	0.000	0.000	0.022	0.022	18	9.608	0.000	0.000	0.014	0.014	12
3	7.702	0.000	0.000	0.050	0.050	34	9.031	0.000	0.000	0.063	0.063	49	10.87	0.000	0.000	0.032	0.032	30
4	8.165	0.000	0.000	0.028	0.028	19	9.309	0.000	0.000	0.022	0.022	18	22.26	0.000	0.000	0.075	0.075	144
5	18.62	0.000	0.000	0.063	0.063	101	9.713	0.000	0.000	0.068	0.068	57	20.76	0.000	0.000	0.070	0.070	125
6	19.53	0.000	0.000	0.066	0.066	111	9.578	0.000	0.000	0.026	0.026	22	21.83	0.000	0.000	0.073	0.073	138
7	21.33	0.000	0.000	0.012	0.012	22	8.263	0.000	0.000	0.040	0.040	28	18.75	0.000	0.000	0.063	0.063	102
8	30.36	0.000	0.000	0.102	0.102	268	8.728	0.000	0.000	0.026	0.026	19	16.89	0.000	0.000	0.057	0.057	83
9	22.26	0.000	0.000	0.075	0.075	144	9.713	0.000	0.000	0.068	0.068	57	19.68	0.000	0.000	0.066	0.066	112
10	17.94	0.000	0.000	0.060	0.060	93	9.295	0.000	0.000	0.015	0.015	12	21.10	0.000	0.000	0.069	0.069	127
11	17.53	0.000	0.000	0.059	0.059	89	9.443	0.000	0.000	0.031	0.031	25	22.22	0.000	0.000	0.075	0.075	144
12	17.40	0.000	0.000	0.058	0.058	88	9.548	0.000	0.000	0.016	0.016	13	20.82	0.000	0.000	0.070	0.070	126
13	16.24	0.000	0.000	0.071	0.071	100	8.399	0.000	0.000	0.008	0.008	6	22.12	0.000	0.000	0.074	0.074	142
14	15.20	0.000	0.000	0.067	0.067	88	8.507	0.000	0.000	0.019	0.019	14	19.82	0.000	0.000	0.067	0.067	114
15	8.977	0.000	0.000	0.031	0.031	24	9.502	0.000	0.000	0.039	0.039	32	18.15	0.000	0.000	0.061	0.061	96
16	8.779	0.000	0.000	0.038	0.038	29	9.441	0.000	0.000	0.031	0.031	25	18.00	0.000	0.000	0.061	0.061	94
17	9.371	0.000	0.000	0.040	0.040	33	8.190	0.000	0.000	0.019	0.019	13	17.45	0.000	0.000	0.059	0.059	89
18	8.615	0.000	0.000	0.041	0.041	31	8.654	0.000	0.000	0.019	0.019	14	17.45	0.000	0.000	0.059	0.059	89
19	8.615	0.000	0.000	0.082	0.082	61	7.747	0.000	0.000	0.009	0.009	6	17.79	0.000	0.000	0.060	0.060	92
20	8.151	0.000	0.000	0.077	0.077	55	7.564	0.000	0.000	0.013	0.013	8	18.62	0.000	0.000	0.063	0.063	101
21	8.036	0.000	0.000	0.029	0.029	20	7.851	0.000	0.000	0.014	0.014	9	18.29	0.000	0.000	0.061	0.061	97
22	8.066	0.000	0.000	0.037	0.037	26	8.654	0.000	0.000	0.019	0.019	14	20.68	0.000	0.000	0.069	0.069	124
23	7.346	0.000	0.000	0.066	0.066	42	8.435	0.000	0.000	0.027	0.027	20	18.75	0.000	0.000	0.063	0.063	102
24	7.700	0.000	0.000	0.087	0.087	58	8.021	0.000	0.000	0.026	0.026	18	19.11	0.000	0.000	0.064	0.064	106
25	13.59	0.000	0.000	0.154	0.154	181	7.896	0.000	0.000	0.004	0.004	3	18.80	0.000	0.000	0.063	0.063	102
26	18.62	0.000	0.000	0.129	0.129	207	8.080	0.000	0.000	0.004	0.004	3	17.79	0.000	0.000	0.060	0.060	92
27	11.38	0.000	0.000	0.079	0.079	78	7.278	0.000	0.000	0.007	0.007	4	17.72	0.000	0.000	0.059	0.059	91
28	8.343	0.000	0.000	0.058	0.058	42	5.910	0.000	0.000	0.029	0.029	15	21.15	0.000	0.000	0.071	0.071	129
29	15.19	0.000	0.000	0.045	0.045	59	6.063	0.000	0.000	0.045	0.045	23	20.68	0.000	0.000	0.069	0.069	124
30	11.38	0.000	0.000	0.039	0.039	39	7.769	0.000	0.000	0.016	0.016	11	17.72	0.000	0.000	0.059	0.059	91
31							7.410	0.000	0.000	0.025	0.025	16						
Ten Daily Mean																		
Ten Daily I	16.15	0.000	0.000	0.056	0.056	86	9.126	0.000	0.000	0.037	0.037	29	16.90	0.000	0.000	0.053	0.053	88
Ten Daily II	11.89	0.000	0.000	0.057	0.057	60	8.699	0.000	0.000	0.020	0.020	16	19.24	0.000	0.000	0.065	0.065	108
Ten Daily III	10.96	0.000	0.000	0.072	0.072	75	7.579	0.000	0.000	0.020	0.020	12	19.07	0.000	0.000	0.064	0.064	106
Monthly																		
Total						2209						587						3021

Annual Sediment Load (Metric Tonnes) : 11628

Daily Observed Sediment Datasheet for period : 2015-2016

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	17.72	0.000	0.000	0.034	0.034	52	5.942	0.000	0.000	0.033	0.033	17	5.959	0.000	0.000	0.016	0.016	8
2	17.40	0.000	0.000	0.033	0.033	50	6.663	0.000	0.000	0.027	0.027	16	5.702	0.000	0.000	0.027	0.027	13
3	15.27	0.000	0.000	0.029	0.029	38	6.403	0.000	0.000	0.026	0.026	14	5.922	0.000	0.000	0.028	0.028	14
4	15.95	0.000	0.000	0.032	0.032	45	5.834	0.000	0.000	0.021	0.021	11	6.946	0.000	0.000	0.020	0.020	12
5	9.528	0.000	0.000	0.028	0.028	23	5.974	0.000	0.000	0.025	0.025	13	5.705	0.000	0.000	0.032	0.032	16
6	12.92	0.000	0.000	0.029	0.029	32	5.805	0.000	0.000	0.026	0.026	13	5.636	0.000	0.000	0.016	0.016	8
7	10.98	0.000	0.000	0.025	0.025	23	5.681	0.000	0.000	0.022	0.022	11	5.805	0.000	0.000	0.017	0.017	8
8	10.78	0.000	0.000	0.021	0.021	20	5.540	0.000	0.000	0.025	0.025	12	5.762	0.000	0.000	0.024	0.024	12
9	9.394	0.000	0.000	0.017	0.017	14	6.631	0.000	0.000	0.029	0.029	16	5.854	0.000	0.000	0.023	0.023	11
10	8.716	0.000	0.000	0.029	0.029	22	6.201	0.000	0.000	0.027	0.027	14	3.893	0.000	0.000	0.013	0.013	4
11	8.685	0.000	0.000	0.025	0.025	19	6.596	0.000	0.000	0.014	0.014	8	4.615	0.000	0.000	0.024	0.024	9
12	10.64	0.000	0.000	0.024	0.024	22	6.956	0.000	0.000	0.012	0.012	7	4.177	0.000	0.000	0.013	0.013	5
13	10.71	0.000	0.000	0.024	0.024	23	6.462	0.000	0.000	0.018	0.018	10	3.882	0.000	0.000	0.016	0.016	5
14	8.059	0.000	0.000	0.026	0.026	18	5.750	0.000	0.000	0.015	0.015	8	4.363	0.000	0.000	0.018	0.018	7
15	8.140	0.000	0.000	0.028	0.028	19	6.610	0.000	0.000	0.017	0.017	10	4.626	0.000	0.000	0.020	0.020	8
16	8.796	0.000	0.000	0.027	0.027	20	6.523	0.000	0.000	0.020	0.020	11	3.802	0.000	0.000	0.018	0.018	6
17	8.462	0.000	0.000	0.025	0.025	18	5.805	0.000	0.000	0.015	0.015	8	3.613	0.000	0.000	0.016	0.016	5
18	8.763	0.000	0.000	0.025	0.025	19	5.970	0.000	0.000	0.016	0.016	8	3.448	0.000	0.000	0.015	0.015	4
19	8.567	0.000	0.000	0.021	0.021	16	6.623	0.000	0.000	0.019	0.019	11	3.328	0.000	0.000	0.019	0.019	5
20	8.636	0.000	0.000	0.021	0.021	16	5.507	0.000	0.000	0.015	0.015	7	3.481	0.000	0.000	0.015	0.015	4
21	7.697	0.000	0.000	0.027	0.027	18	5.860	0.000	0.000	0.020	0.020	10	4.198	0.000	0.000	0.018	0.018	6
22	7.526	0.000	0.000	0.024	0.024	15	6.584	0.000	0.000	0.016	0.016	9	4.589	0.000	0.000	0.011	0.011	4
23	7.289	0.000	0.000	0.019	0.019	12	7.414	0.000	0.000	0.013	0.013	8	4.565	0.000	0.000	0.013	0.013	5
24	6.821	0.000	0.000	0.017	0.017	10	6.403	0.000	0.000	0.011	0.011	6	4.828	0.000	0.000	0.017	0.017	7
25	6.403	0.000	0.000	0.016	0.016	9	5.956	0.000	0.000	0.021	0.021	11	4.180	0.000	0.000	0.034	0.034	12
26	7.186	0.000	0.000	0.024	0.024	15	5.805	0.000	0.000	0.021	0.021	10	4.155	0.000	0.000	0.026	0.026	9
27	6.201	0.000	0.000	0.023	0.023	12	5.964	0.000	0.000	0.009	0.009	5	3.869	0.000	0.000	0.028	0.028	9
28	5.897	0.000	0.000	0.022	0.022	11	6.529	0.000	0.000	0.016	0.016	9	3.880	0.000	0.000	0.028	0.028	9
29	7.244	0.000	0.000	0.027	0.027	17	6.957	0.000	0.000	0.009	0.009	6	4.074	0.000	0.000	0.015	0.015	5
30	6.541	0.000	0.000	0.027	0.027	15	7.173	0.000	0.000	0.018	0.018	11						
31	5.941	0.000	0.000	0.027	0.027	14	6.403	0.000	0.000	0.016	0.016	9						
Ten Daily Mean																		
Ten Daily I	12.87	0.000	0.000	0.028	0.028	32	6.067	0.000	0.000	0.026	0.026	14	5.718	0.000	0.000	0.021	0.021	11
Ten Daily II	8.946	0.000	0.000	0.025	0.025	19	6.280	0.000	0.000	0.016	0.016	9	3.933	0.000	0.000	0.017	0.017	6
Ten Daily III	6.795	0.000	0.000	0.023	0.023	13	6.459	0.000	0.000	0.015	0.015	8	4.260	0.000	0.000	0.021	0.021	8
Monthly																		
Total						655						318						235

Annual Sediment Load (Metric Tonnes) : 11628

Daily Observed Sediment Datasheet for period : 2015-2016

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	4.258	0.000	0.000	0.005	0.005	2	2.853	0.000	0.000	0.016	0.016	4	3.142	0.000	0.000	0.007	0.007	2
2	4.510	0.000	0.000	0.006	0.006	2	2.975	0.000	0.000	0.009	0.009	2	3.805	0.000	0.000	0.022	0.022	7
3	4.651	0.000	0.000	0.008	0.008	3	3.142	0.000	0.000	0.009	0.009	2	3.057	0.000	0.000	0.045	0.045	12
4	3.392	0.000	0.000	0.005	0.005	2	2.758	0.000	0.000	0.006	0.006	1	4.943	0.000	0.000	0.064	0.064	27
5	4.195	0.000	0.000	0.008	0.008	3	2.596	0.000	0.000	0.010	0.010	2	3.081	0.000	0.000	0.066	0.066	17
6	3.880	0.000	0.000	0.008	0.008	3	2.924	0.000	0.000	0.008	0.008	2	4.099	0.000	0.000	0.019	0.019	7
7	4.226	0.000	0.000	0.006	0.006	2	3.063	0.000	0.000	0.007	0.007	2	5.602	0.000	0.000	0.043	0.043	21
8	3.529	0.000	0.000	0.010	0.010	3	3.427	0.000	0.000	0.007	0.007	2	7.699	0.000	0.000	0.028	0.028	18
9	3.509	0.000	0.000	0.023	0.023	7	2.989	0.000	0.000	0.037	0.037	9	8.307	0.000	0.000	0.013	0.013	9
10	3.525	0.000	0.000	0.022	0.022	7	3.283	0.000	0.000	0.040	0.040	11	8.415	0.000	0.000	0.032	0.032	24
11	3.295	0.000	0.000	0.027	0.027	8	2.941	0.000	0.000	0.008	0.008	2	8.046	0.000	0.000	0.057	0.057	40
12	3.545	0.000	0.000	0.016	0.016	5	4.153	0.000	0.000	0.008	0.008	3	8.701	0.000	0.000	0.048	0.048	36
13	3.880	0.000	0.000	0.018	0.018	6	4.515	0.000	0.000	0.009	0.009	3	7.408	0.000	0.000	0.035	0.035	22
14	3.892	0.000	0.000	0.013	0.013	4	4.198	0.000	0.000	0.011	0.011	4	6.761	0.000	0.000	0.056	0.056	33
15	3.496	0.000	0.000	0.032	0.032	10	4.472	0.000	0.000	0.013	0.013	5	7.475	0.000	0.000	0.034	0.034	22
16	3.471	0.000	0.000	0.054	0.054	16	4.459	0.000	0.000	0.005	0.005	2	7.011	0.000	0.000	0.011	0.011	7
17	3.591	0.000	0.000	0.037	0.037	11	3.880	0.000	0.000	0.010	0.010	3	7.662	0.000	0.000	0.024	0.024	16
18	2.780	0.000	0.000	0.019	0.019	5	4.102	0.000	0.000	0.011	0.011	4	7.187	0.000	0.000	0.031	0.031	19
19	3.159	0.000	0.000	0.039	0.039	11	4.198	0.000	0.000	0.011	0.011	4	17.45	0.000	0.000	0.075	0.075	113
20	3.427	0.000	0.000	0.038	0.038	11	4.557	0.000	0.000	0.007	0.007	3	17.79	0.000	0.000	0.077	0.077	118
21	3.496	0.000	0.000	0.038	0.038	11	4.384	0.000	0.000	0.015	0.015	6	23.39	0.000	0.000	0.101	0.101	204
22	3.141	0.000	0.000	0.059	0.059	16	4.300	0.000	0.000	0.015	0.015	5	23.80	0.000	0.000	0.103	0.103	211
23	3.183	0.000	0.000	0.011	0.011	3	4.152	0.000	0.000	0.033	0.033	12	21.10	0.000	0.000	0.091	0.091	166
24	3.351	0.000	0.000	0.021	0.021	6	3.575	0.000	0.000	0.029	0.029	9	17.72	0.000	0.000	0.076	0.076	117
25	3.427	0.000	0.000	0.022	0.022	6	3.085	0.000	0.000	0.009	0.009	3	8.060	0.000	0.000	0.039	0.039	27
26	3.151	0.000	0.000	0.015	0.015	4	3.204	0.000	0.000	0.014	0.014	4	8.193	0.000	0.000	0.025	0.025	18
27	3.142	0.000	0.000	0.015	0.015	4	4.112	0.000	0.000	0.008	0.008	3	8.029	0.000	0.000	0.033	0.033	23
28	2.960	0.000	0.000	0.015	0.015	4	4.204	0.000	0.000	0.007	0.007	2	7.281	0.000	0.000	0.026	0.026	16
29	2.559	0.000	0.000	0.026	0.026	6	3.890	0.000	0.000	0.008	0.008	3	13.59	0.000	0.000	0.048	0.048	56
30	3.076	0.000	0.000	0.029	0.029	8	3.139	0.000	0.000	0.007	0.007	2	19.82	0.000	0.000	0.069	0.069	119
31	3.349	0.000	0.000	0.029	0.029	8							18.29	0.000	0.000	0.064	0.064	101
Ten Daily Mean																		
Ten Daily I	3.968	0.000	0.000	0.010	0.010	3	3.001	0.000	0.000	0.015	0.015	4	5.215	0.000	0.000	0.034	0.034	14
Ten Daily II	3.454	0.000	0.000	0.029	0.029	9	4.148	0.000	0.000	0.009	0.009	3	9.550	0.000	0.000	0.045	0.045	43
Ten Daily III	3.167	0.000	0.000	0.026	0.026	7	3.804	0.000	0.000	0.014	0.014	5	15.39	0.000	0.000	0.061	0.061	96
Monthly																		
Total						197						120						1627

Annual Sediment Load (Metric Tonnes) : 11628

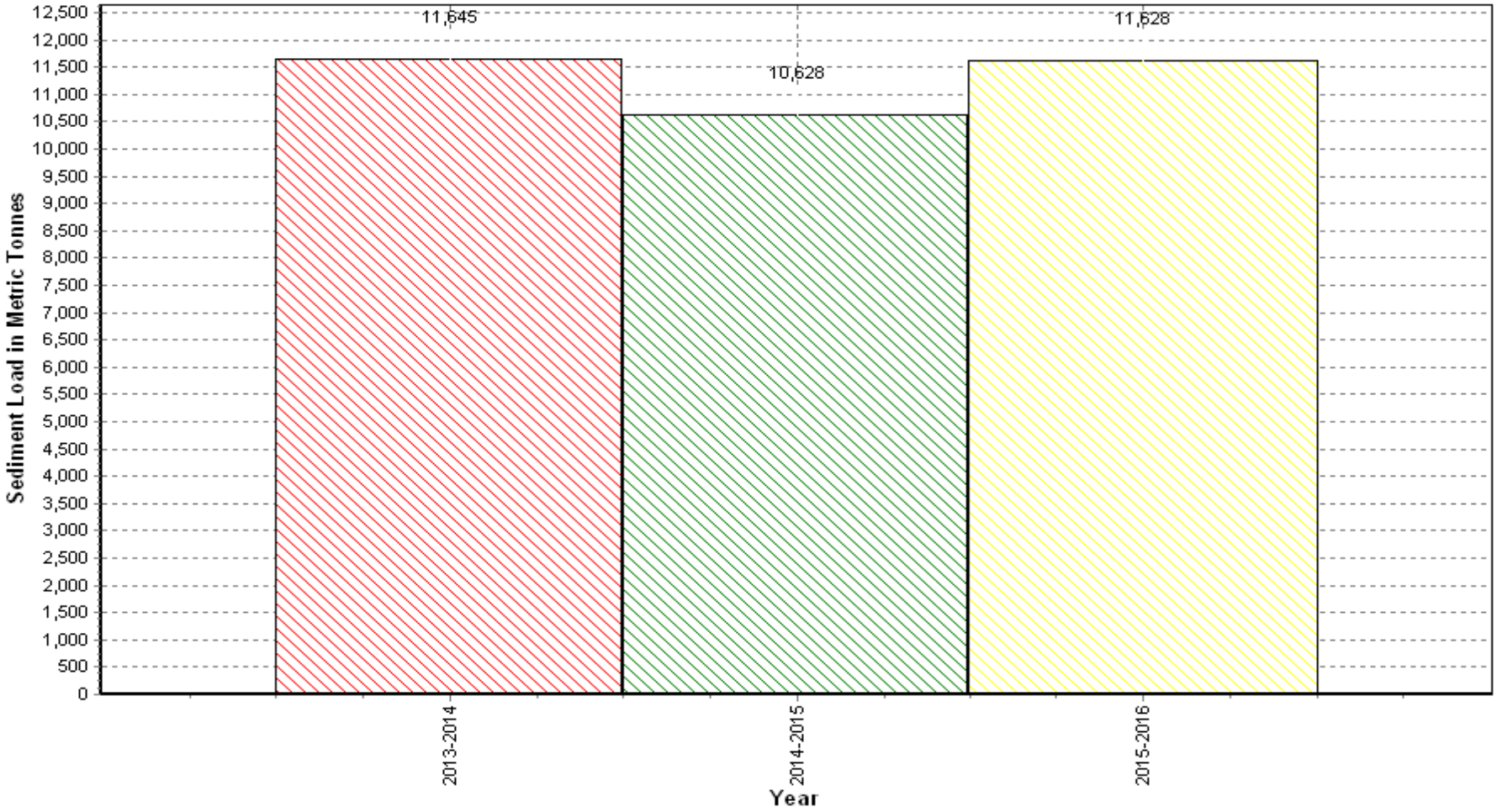
Annual Sediment Load for the period: 2013-2016

Station Name : T. BEKUPPE (T. BEKUPPE)

Local River : Arkavathi

Division : Cauvery Division, Bangalore

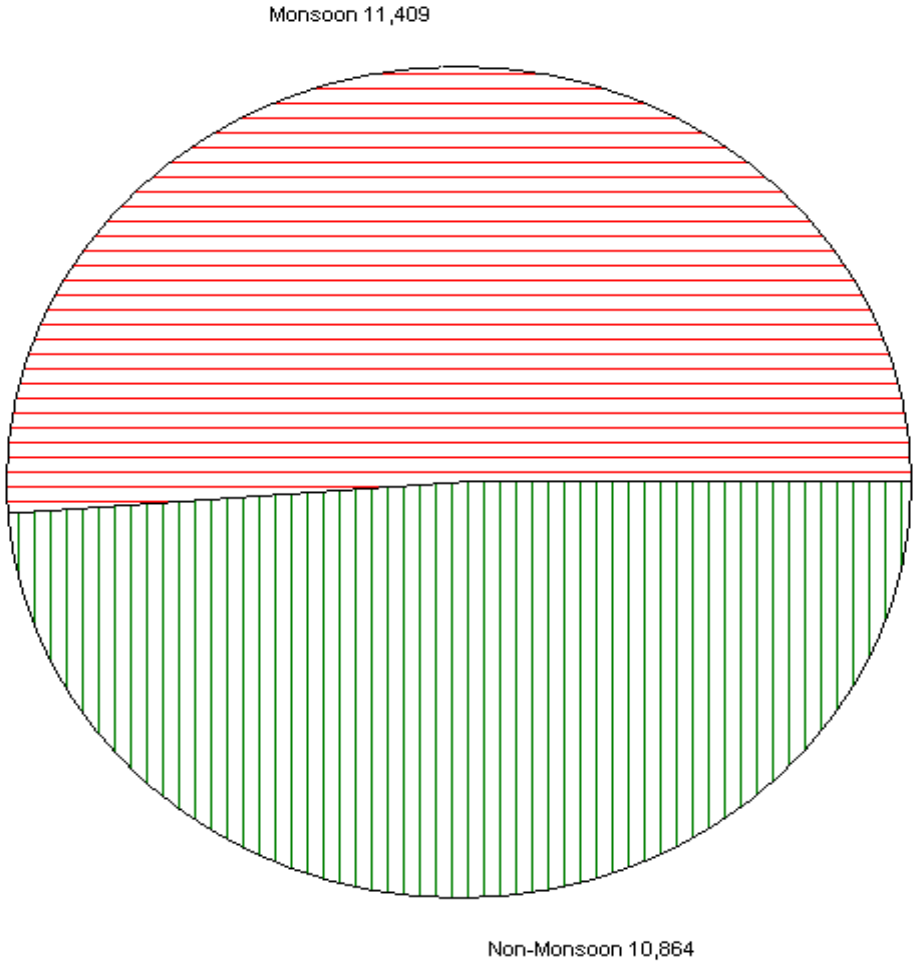
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2015

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

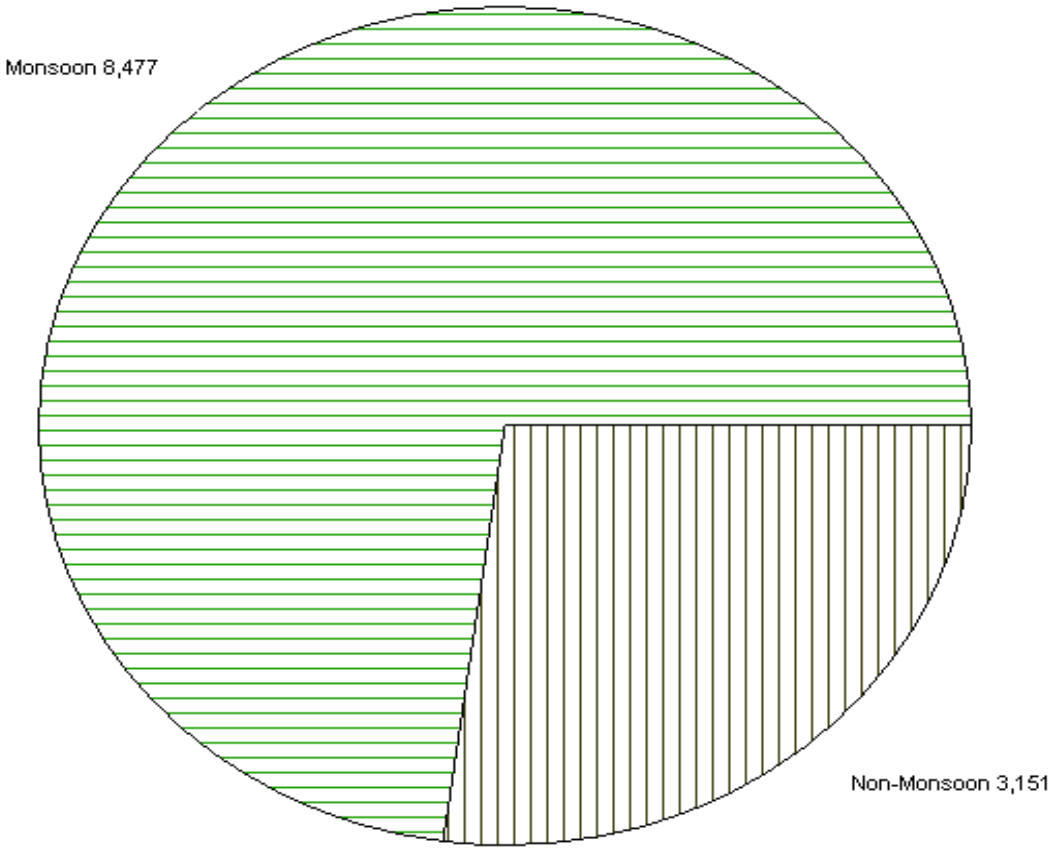
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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

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



RIVER : Arkavathi **CODE NO. :** T.Bekuppe

SITE : T.BEKUPPE **CROSS SECTION :** SGL

SL. NO.	DATA FOR SAMPLE COLLECTED									Bed Material Composition		GENERAL DATA OF THE RIVER					Bed Material Composition	
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015 DATE OF COLLECTION																		
1																		
2																		
3	Sample not collected																	
4																		
POSTMONSOON 2015 DATE OF COLLECTION 21-12-2015																		
1	65	-	604.290	604.660	0.37	25			0.60	0.18								
2	90	-	603.590	604.660	1.07	25	Discharge observed at Temp. Section.		0.60	0.19								
3	115	-	602.690	604.660	1.97	25			0.60	0.16	83.055	1.9311	0.0475	0.00016	7.70	0.60	0.18	
4	140	-	602.130	604.660	2.53	25			0.60	0.19								
PREMONSOON 2016 DATE OF COLLECTION 18-07-2016																		
1	80	-	602.100	604.820	2.72	20			0.60	0.15								
2	100	-	603.210	604.820	1.61	20	Discharge observed at Temp. Section.		0.60	0.14								
3	120	-	601.950	604.820	2.87	20			18.00	2.22	86.375	1.9670	0.0853	0.00016	14.49	18.00	0.66	
4	140	-	602.320	604.820	2.50	20			0.60	0.12								

Annual Sediment Load for period : 1985-2016

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

*Partial Data

Daily Observed Sediment Datasheet for period : 2015-2016

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	42.28	0.000	0.000	0.010	0.010	38	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	50.34	0.000	0.000	0.009	0.009	40	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	43.33	0.000	0.000	0.010	0.010	37	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	33.38	0.000	0.000	0.012	0.012	35	0.000	0.000	0.000	0.000	0.000	0	8.568	0.000	0.000	0.001	0.001	1
5	38.31	0.000	0.000	0.010	0.010	33	0.000	0.000	0.000	0.000	0.000	0	11.53	0.000	0.000	0.001	0.001	1
6	22.69	0.000	0.000	0.011	0.011	22	0.000	0.000	0.000	0.000	0.000	0	11.86	0.000	0.000	0.001	0.001	1
7	19.36	0.000	0.000	0.050	0.050	84	0.000	0.000	0.000	0.000	0.000	0	11.57	0.000	0.000	0.001	0.001	1
8	6.881	0.000	0.000	0.006	0.006	4	0.000	0.000	0.000	0.000	0.000	0	8.244	0.000	0.000	0.001	0.001	0
9	3.820	0.000	0.000	0.006	0.006	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	7.082	0.000	0.000	0.007	0.007	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	3.141	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	1.904	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	1.996	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
14	1.588	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
15	2.097	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	1.856	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
17	1.954	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
18	1.686	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	16.83	0.000	0.000	0.002	0.002	2
19	1.896	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0	24.71	0.000	0.000	0.002	0.002	3
20	1.994	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	28.69	0.000	0.000	0.002	0.002	4
21	4.850	0.000	0.000	0.006	0.006	3	0.000	0.000	0.000	0.000	0.000	0	25.76	0.000	0.000	0.002	0.002	4
22	4.165	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0	18.74	0.000	0.000	0.002	0.002	3
23	3.234	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0	32.61	0.000	0.000	0.002	0.002	4
24	2.108	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0	31.16	0.000	0.000	0.002	0.002	4
25	2.145	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	26.24	0.000	0.000	0.002	0.002	4
26	2.032	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	28.25	0.000	0.000	0.002	0.002	4
27	1.882	0.000	0.000	0.003	0.003	0	0.000	0.000	0.000	0.000	0.000	0	22.77	0.000	0.000	0.002	0.002	3
28	1.588	0.000	0.000	0.002	0.002	0	0.000	0.000	0.000	0.000	0.000	0	28.68	0.000	0.000	0.002	0.002	4
29	1.841	0.000	0.000	0.003	0.003	1	0.000	0.000	0.000	0.000	0.000	0	25.30	0.000	0.000	0.001	0.001	3
30	1.626	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	24.41	0.000	0.000	0.001	0.001	3
31							0.000	0.000	0.000	0.000	0.000	0	23.39	0.000	0.000	0.001	0.001	3
Ten Daily Mean																		
Ten Daily I	26.75	0.000	0.000	0.013	0.013	30	0.000	0.000	0.000	0.000	0.000	0	5.177	0.000	0.000	0.000	0.000	0
Ten Daily II	2.011	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	7.023	0.000	0.000	0.000	0.000	1
Ten Daily III	2.547	0.000	0.000	0.004	0.004	1	0.000	0.000	0.000	0.000	0.000	0	26.12	0.000	0.000	0.002	0.002	3
Monthly																		
Total						315						0						51

Annual Sediment Load (Metric Tonnes) : 8422

Daily Observed Sediment Datasheet for period : 2015-2016

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	10.68	0.000	0.000	0.006	0.006	5	35.36	0.000	0.000	0.017	0.017	51	26.41	0.000	0.000	0.004	0.004	9
2	16.35	0.000	0.000	0.009	0.009	13	34.28	0.000	0.000	0.058	0.058	172	85.58	0.000	0.000	0.013	0.013	95
3	13.76	0.000	0.000	0.005	0.005	6	29.18	0.000	0.000	0.015	0.015	38	126.1	0.000	0.000	0.147	0.147	1601
4	10.53	0.000	0.000	0.005	0.005	5	26.41	0.000	0.000	0.018	0.018	40	202.0	0.000	0.000	0.015	0.015	257
5	29.94	0.000	0.000	0.018	0.018	48	26.44	0.000	0.000	0.018	0.018	40	449.2	0.000	0.000	0.033	0.033	1265
6	32.21	0.000	0.000	0.020	0.020	55	222.3	0.000	0.000	0.023	0.023	442	259.9	0.000	0.000	0.049	0.049	1094
7	30.96	0.000	0.000	0.017	0.017	46	98.43	0.000	0.000	0.019	0.019	164	68.28	0.000	0.000	0.013	0.013	76
8	73.67	0.000	0.000	0.015	0.015	97	52.01	0.000	0.000	0.015	0.015	67	40.71	0.000	0.000	0.008	0.008	27
9	37.43	0.000	0.000	0.018	0.018	57	33.58	0.000	0.000	0.013	0.013	38	32.63	0.000	0.000	0.011	0.011	30
10	19.85	0.000	0.000	0.018	0.018	30	21.35	0.000	0.000	0.014	0.014	26	41.49	0.000	0.000	0.016	0.016	56
11	23.90	0.000	0.000	0.019	0.019	38	31.98	0.000	0.000	0.020	0.020	56	110.9	0.000	0.000	0.042	0.042	401
12	20.56	0.000	0.000	0.013	0.013	23	24.44	0.000	0.000	0.016	0.016	33	41.75	0.000	0.000	0.014	0.014	50
13	16.91	0.000	0.000	0.011	0.011	16	142.0	0.000	0.000	0.013	0.013	158	33.01	0.000	0.000	0.010	0.010	29
14	14.08	0.000	0.000	0.007	0.007	8	76.70	0.000	0.000	0.015	0.015	101	38.66	0.000	0.000	0.011	0.011	37
15	4.484	0.000	0.000	0.007	0.007	3	27.96	0.000	0.000	0.009	0.009	22	38.16	0.000	0.000	0.011	0.011	36
16	3.609	0.000	0.000	0.007	0.007	2	25.22	0.000	0.000	0.009	0.009	20	26.65	0.000	0.000	0.009	0.009	21
17	2.757	0.000	0.000	0.005	0.005	1	19.25	0.000	0.000	0.009	0.009	16	31.52	0.000	0.000	0.011	0.011	29
18	1.411	0.000	0.000	0.006	0.006	1	15.55	0.000	0.000	0.006	0.006	8	14.67	0.000	0.000	0.009	0.009	12
19	0.450	0.000	0.000	0.006	0.006	0	24.85	0.000	0.000	0.011	0.011	24	29.06	0.000	0.000	0.009	0.009	22
20	0.170	0.000	0.000	0.004	0.004	0	22.56	0.000	0.000	0.010	0.010	20	19.04	0.000	0.000	0.009	0.009	14
21	0.230	0.000	0.000	0.005	0.005	0	22.92	0.000	0.000	0.011	0.011	21	23.92	0.000	0.000	0.011	0.011	23
22	1.821	0.000	0.000	0.008	0.008	1	23.29	0.000	0.000	0.011	0.011	21	31.08	0.000	0.000	0.014	0.014	39
23	2.349	0.000	0.000	0.008	0.008	2	26.14	0.000	0.000	0.011	0.011	25	29.67	0.000	0.000	0.012	0.012	30
24	2.264	0.000	0.000	0.008	0.008	2	18.36	0.000	0.000	0.008	0.008	12	30.64	0.000	0.000	0.012	0.012	31
25	13.82	0.000	0.000	0.007	0.007	8	14.67	0.000	0.000	0.008	0.008	10	33.35	0.000	0.000	0.013	0.013	36
26	24.82	0.000	0.000	0.012	0.012	26	14.67	0.000	0.000	0.008	0.008	10	24.14	0.000	0.000	0.014	0.014	29
27	34.28	0.000	0.000	0.017	0.017	50	21.02	0.000	0.000	0.011	0.011	19	21.02	0.000	0.000	0.015	0.015	28
28	38.83	0.000	0.000	0.002	0.002	7	15.85	0.000	0.000	0.012	0.012	16	26.28	0.000	0.000	0.012	0.012	28
29	51.51	0.000	0.000	0.022	0.022	97	15.55	0.000	0.000	0.011	0.011	15	13.26	0.000	0.000	0.013	0.013	15
30	43.95	0.000	0.000	0.002	0.002	8	33.81	0.000	0.000	0.025	0.025	72	27.00	0.000	0.000	0.013	0.013	31
31							35.23	0.000	0.000	0.026	0.026	78						
Ten Daily Mean																		
Ten Daily I	27.54	0.000	0.000	0.013	0.013	36	57.94	0.000	0.000	0.021	0.021	108	133.2	0.000	0.000	0.031	0.031	451
Ten Daily II	8.834	0.000	0.000	0.008	0.008	9	41.05	0.000	0.000	0.012	0.012	46	38.34	0.000	0.000	0.013	0.013	65
Ten Daily III	21.39	0.000	0.000	0.009	0.009	20	21.95	0.000	0.000	0.013	0.013	27	26.03	0.000	0.000	0.013	0.013	29
Monthly																		
Total						655						1836						5450

Annual Sediment Load (Metric Tonnes) : 8422

Daily Observed Sediment Datasheet for period : 2015-2016

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	15.25	0.000	0.000	0.001	0.001	2	2.768	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0
2	26.12	0.000	0.000	0.002	0.002	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	31.75	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
4	27.05	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
5	13.84	0.000	0.000	0.013	0.013	16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	14.19	0.000	0.000	0.014	0.014	17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	9.508	0.000	0.000	0.009	0.009	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	4.580	0.000	0.000	0.004	0.004	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	3.887	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	4.876	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	4.833	0.000	0.000	0.006	0.006	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	4.896	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	6.272	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	4.356	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
15	7.922	0.000	0.000	0.006	0.006	4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
16	6.973	0.000	0.000	0.010	0.010	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
17	3.782	0.000	0.000	0.053	0.053	17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	5.537	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	4.920	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
20	5.638	0.000	0.000	0.006	0.006	3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
21	5.088	0.000	0.000	0.005	0.005	2	4.456	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
22	3.802	0.000	0.000	0.004	0.004	1	4.768	0.000	0.000	0.005	0.005	2	0.000	0.000	0.000	0.000	0.000	0
23	5.200	0.000	0.000	0.005	0.005	2	5.044	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
24	4.384	0.000	0.000	0.004	0.004	2	3.762	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
25	5.239	0.000	0.000	0.005	0.005	2	3.124	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
26	5.141	0.000	0.000	0.006	0.006	3	2.941	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
27	3.508	0.000	0.000	0.005	0.005	2	2.230	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
28	3.077	0.000	0.000	0.005	0.005	1	1.983	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
29	1.992	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
30	2.826	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0						
31	2.002	0.000	0.000	0.005	0.005	1	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	15.11	0.000	0.000	0.005	0.005	5	0.277	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
Ten Daily II	5.513	0.000	0.000	0.009	0.009	4	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	3.842	0.000	0.000	0.005	0.005	2	2.573	0.000	0.000	0.001	0.001	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						111						4						0

Annual Sediment Load (Metric Tonnes) : 8422

Daily Observed Sediment Datasheet for period : 2015-2016

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) : 8422

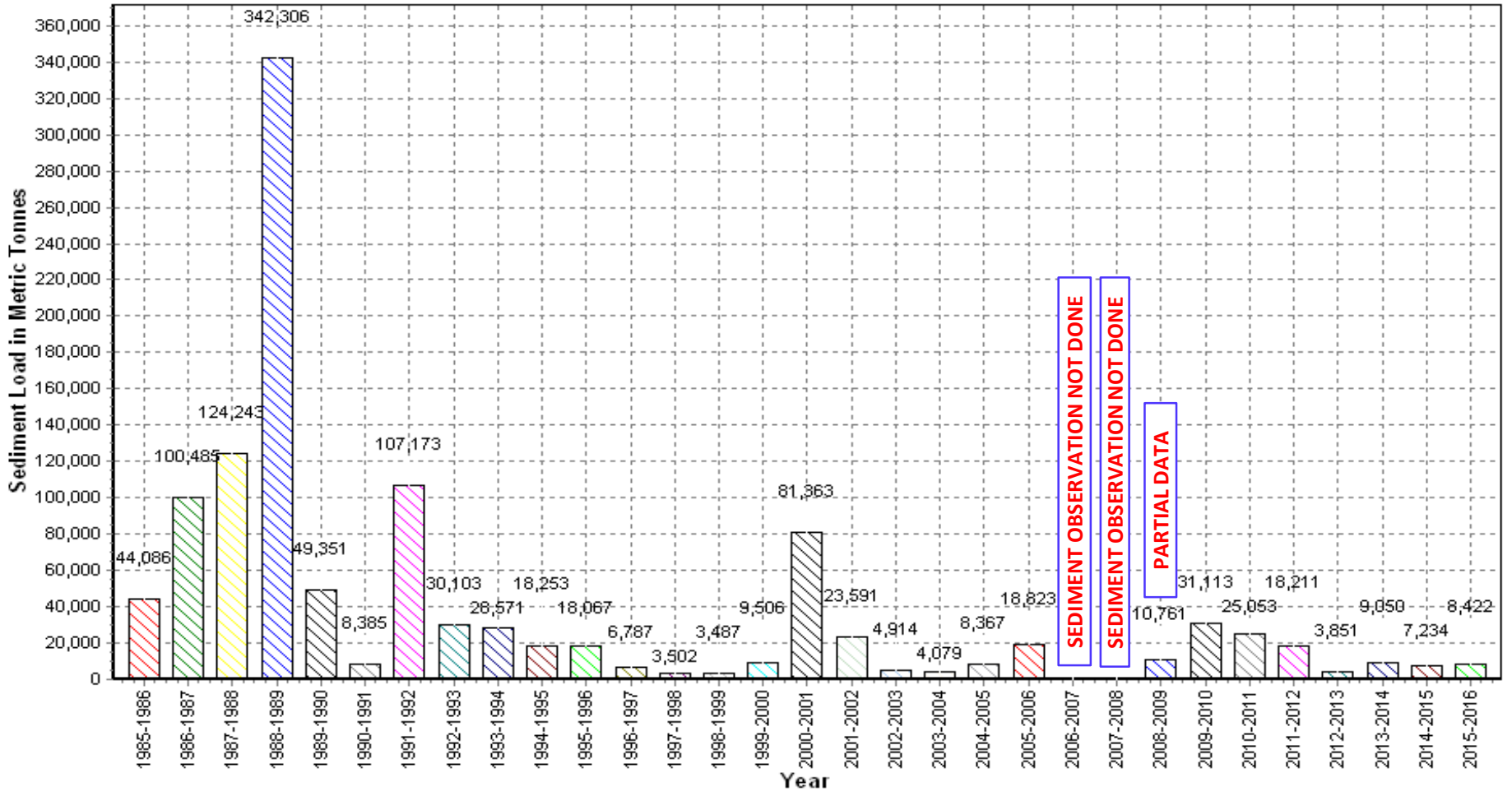
Annual Sediment Load for the period: 1985-2016

Station Name : T.K.Halli (CCM00B9)

Local River : Shimsa

Division : Cauvery Division, Bangalore

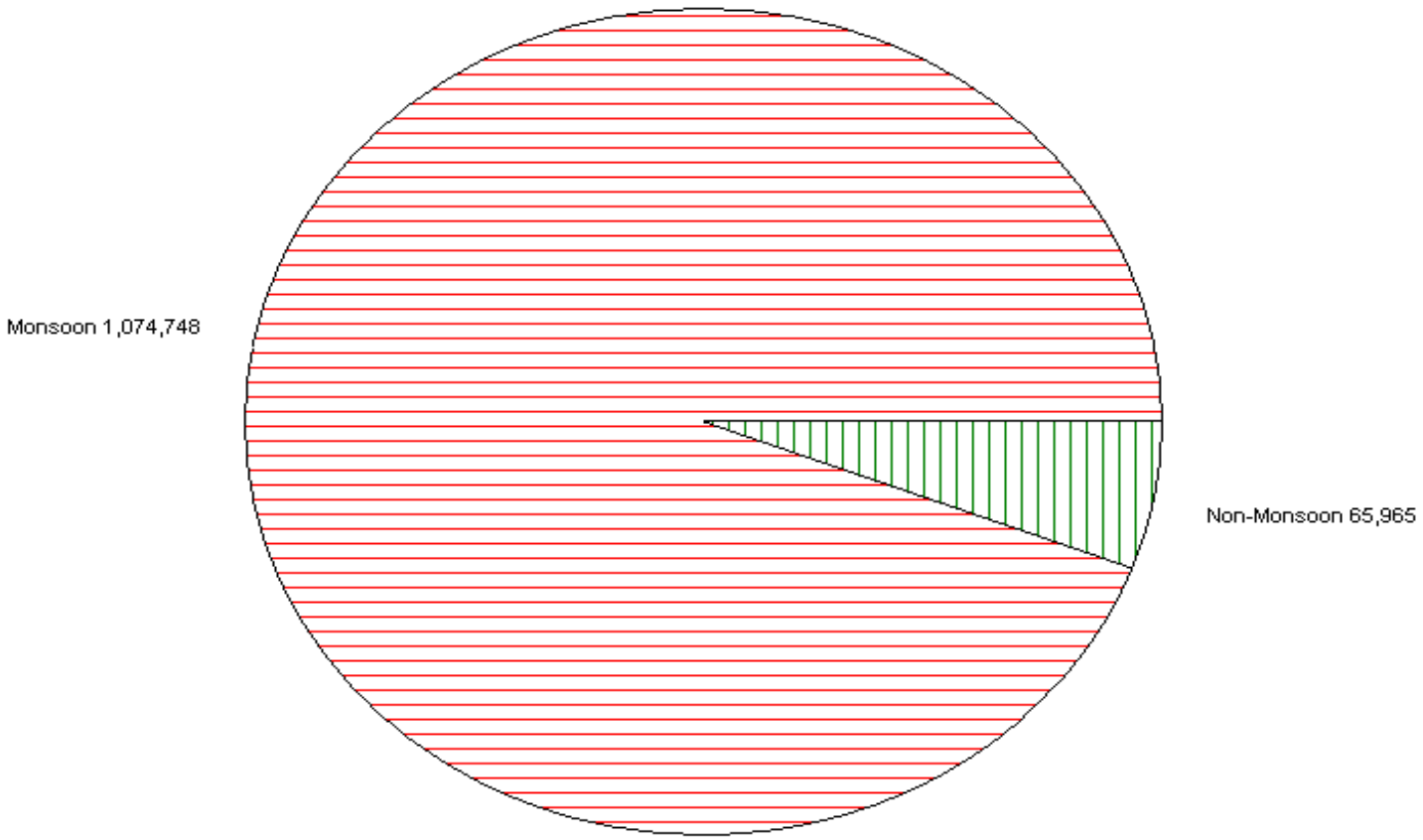
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1985-2015

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

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



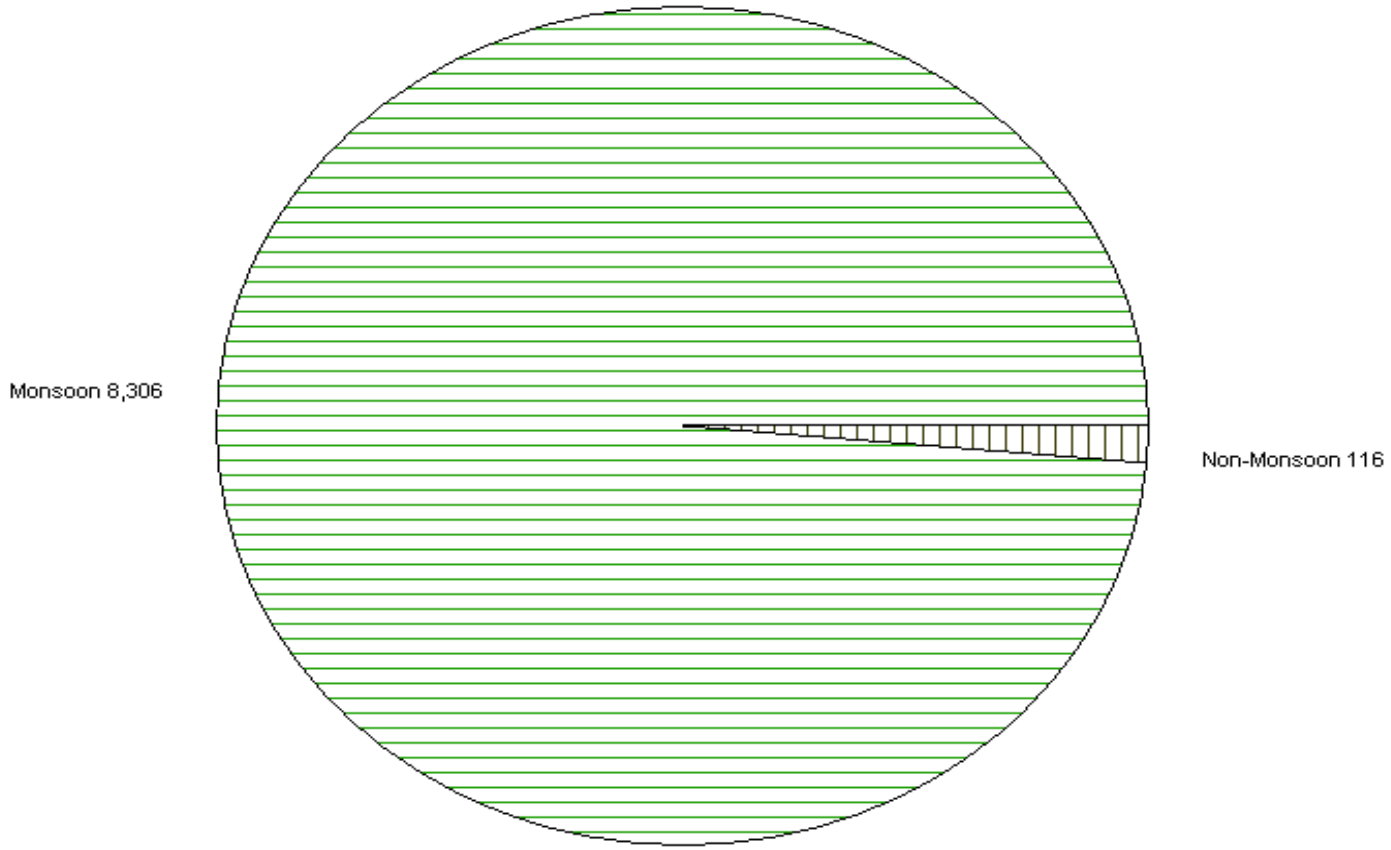
Seasonal Sediment Load for the Year: 2015-2016

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 2015							**DATE OF COLLECTION**				**00-00-0000**						
1							Sample not collected										
2																	
3																	
POSTMONSOON 2015							**DATE OF COLLECTION**				**22-12-2015**						
1	30	581.100	-	-	-	30	Discharge at Temporary section		5.50	1.28							
2	60	-	579.400	581.080	1.68	30			7.00	1.64	81.93	1.673	0.0361	0.00005	3.80	7.50	1.53
3	90	-	579.500	581.080	1.58	30			7.50	1.66							
PREMONSOON 2016							**DATE OF COLLECTION**				**22-06-2016**						
1	30	580.910	-	580.510	-	30	--Dry Bed--		3.50	0.78							
2	60	-	579.315	580.510	1.195	30	--No Flow --		5.50	1.54	-- No Flow --					5.50	1.18
3	90	-	579.305	580.510	1.205	30	--No Flow --		5.50	1.23							

Annual Sediment Load for period : 1972-2016

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
2012-2013	11805	2190	13995	2032
2013-2014	119087	1161	120248	6938
2014-2015	61522	2729	64252	5632
2015-2016	8101	757	8859	3182

Daily Observed Sediment Datasheet for period : 2015-2016

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	68.96	0.000	0.000	0.002	0.002	14	357.8	0.000	0.000	0.003	0.003	105	197.5	0.000	0.000	0.002	0.002	38
2	84.75	0.000	0.000	0.002	0.002	15	175.0	0.000	0.000	0.002	0.002	24	129.7	0.000	0.000	0.002	0.002	27
3	75.30	0.000	0.000	0.002	0.002	12	153.8	0.000	0.000	0.001	0.001	19	133.3	0.000	0.000	0.003	0.003	30
4	55.63	0.000	0.000	0.002	0.002	11	140.6	0.000	0.000	0.001	0.001	16	93.33	0.000	0.000	0.002	0.002	12
5	127.1	0.000	0.000	0.003	0.003	30	102.5	0.000	0.000	0.001	0.001	8	77.37	0.000	0.000	0.002	0.002	11
6	75.45	0.000	0.000	0.002	0.002	12	72.17	0.000	0.000	0.002	0.002	11	67.38	0.000	0.000	0.002	0.002	12
7	64.64	0.000	0.000	0.002	0.002	9	65.05	0.000	0.000	0.002	0.002	9	74.59	0.000	0.000	0.002	0.002	11
8	43.40	0.000	0.000	0.003	0.003	11	64.66	0.000	0.000	0.002	0.002	8	59.32	0.000	0.000	0.002	0.002	12
9	38.78	0.000	0.000	0.003	0.003	10	64.66	0.000	0.000	0.002	0.002	8	56.41	0.000	0.000	0.003	0.003	12
10	37.88	0.000	0.000	0.003	0.003	10	56.72	0.000	0.000	0.001	0.001	7	54.64	0.000	0.000	0.002	0.002	11
11	26.44	0.000	0.000	0.002	0.002	5	73.43	0.000	0.000	0.002	0.002	11	54.15	0.000	0.000	0.002	0.002	11
12	27.48	0.000	0.000	0.002	0.002	5	119.8	0.000	0.000	0.002	0.002	17	68.98	0.000	0.000	0.002	0.002	11
13	18.05	0.000	0.000	0.001	0.001	2	121.9	0.000	0.000	0.002	0.002	21	58.69	0.000	0.000	0.002	0.002	12
14	22.44	0.000	0.000	0.002	0.002	3	140.7	0.000	0.000	0.002	0.002	27	213.7	0.000	0.000	0.003	0.003	46
15	18.05	0.000	0.000	0.001	0.001	2	143.1	0.000	0.000	0.002	0.002	27	247.3	0.000	0.000	0.003	0.003	56
16	22.70	0.000	0.000	0.002	0.002	4	137.0	0.000	0.000	0.002	0.002	25	298.2	0.000	0.000	0.003	0.003	64
17	22.70	0.000	0.000	0.002	0.002	4	121.8	0.000	0.000	0.002	0.002	21	316.0	0.000	0.000	0.003	0.003	82
18	18.05	0.000	0.000	0.001	0.001	2	178.2	0.000	0.000	0.003	0.003	40	327.9	0.000	0.000	0.002	0.002	68
19	24.61	0.000	0.000	0.002	0.002	4	241.7	0.000	0.000	0.003	0.003	58	277.7	0.000	0.000	0.002	0.002	58
20	27.70	0.000	0.000	0.002	0.002	5	528.3	0.000	0.000	0.003	0.003	137	461.2	0.000	0.000	0.002	0.003	108
21	29.03	0.000	0.000	0.002	0.002	6	680.8	0.000	0.000	0.003	0.003	200	427.7	0.000	0.000	0.002	0.003	107
22	29.03	0.000	0.000	0.002	0.002	6	507.1	0.000	0.000	0.003	0.003	127	445.0	0.000	0.000	0.003	0.003	115
23	29.03	0.000	0.000	0.002	0.002	6	358.5	0.000	0.000	0.002	0.002	62	601.0	0.000	0.000	0.003	0.003	156
24	33.86	0.000	0.000	0.003	0.003	7	410.0	0.000	0.000	0.002	0.002	74	664.0	0.000	0.000	0.003	0.003	172
25	169.0	0.000	0.000	0.003	0.003	50	385.4	0.000	0.000	0.002	0.002	70	591.3	0.000	0.000	0.003	0.003	153
26	362.9	0.000	0.000	0.004	0.004	110	377.3	0.000	0.000	0.002	0.002	65	527.2	0.000	0.000	0.003	0.003	155
27	445.2	0.000	0.000	0.004	0.004	138	367.8	0.000	0.000	0.002	0.002	51	314.5	0.000	0.000	0.003	0.003	84
28	557.7	0.000	0.000	0.004	0.004	183	359.6	0.000	0.000	0.002	0.002	47	242.3	0.000	0.000	0.003	0.003	67
29	143.4	0.000	0.000	0.003	0.003	35	327.9	0.000	0.000	0.002	0.002	62	240.1	0.000	0.000	0.003	0.003	64
30	389.1	0.000	0.000	0.003	0.003	114	339.0	0.000	0.000	0.002	0.002	64	208.1	0.000	0.000	0.003	0.003	58
31							316.1	0.000	0.000	0.002	0.002	60	211.5	0.000	0.000	0.003	0.003	58
Ten Daily Mean																		
Ten Daily I	67.19	0.000	0.000	0.002	0.002	13	125.3	0.000	0.000	0.002	0.002	21	94.36	0.000	0.000	0.002	0.002	18
Ten Daily II	22.82	0.000	0.000	0.002	0.002	4	180.6	0.000	0.000	0.002	0.002	38	232.4	0.000	0.000	0.002	0.002	51
Ten Daily III	218.8	0.000	0.000	0.003	0.003	65	402.7	0.000	0.000	0.002	0.002	80	406.6	0.000	0.000	0.003	0.003	108
Monthly																		
Total						823						1481						1880

Annual Sediment Load (Metric Tonnes) : 8859

Daily Observed Sediment Datasheet for period : 2015-2016

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	184.7	0.000	0.000	0.003	0.003	51	187.8	0.000	0.000	0.004	0.004	58	125.3	0.000	0.000	0.003	0.003	32
2	121.3	0.000	0.000	0.002	0.002	23	220.4	0.000	0.000	0.003	0.003	65	94.25	0.000	0.000	0.002	0.002	19
3	121.3	0.000	0.000	0.002	0.002	23	240.5	0.000	0.000	0.003	0.003	71	303.6	0.000	0.000	0.003	0.003	89
4	65.05	0.000	0.000	0.002	0.002	9	150.2	0.000	0.000	0.004	0.004	52	283.6	0.000	0.000	0.003	0.003	71
5	64.66	0.000	0.000	0.002	0.002	9	136.0	0.000	0.000	0.004	0.004	43	434.9	0.000	0.000	0.003	0.004	139
6	61.70	0.000	0.000	0.002	0.002	8	383.4	0.000	0.000	0.003	0.004	116	335.1	0.000	0.000	0.003	0.004	101
7	73.43	0.000	0.000	0.002	0.002	11	300.8	0.000	0.000	0.003	0.003	83	232.1	0.000	0.000	0.003	0.003	68
8	136.2	0.000	0.000	0.003	0.003	29	186.1	0.000	0.000	0.004	0.004	61	96.68	0.000	0.000	0.003	0.003	24
9	65.05	0.000	0.000	0.002	0.002	9	93.56	0.000	0.000	0.002	0.002	17	80.91	0.000	0.000	0.002	0.002	17
10	55.37	0.000	0.000	0.001	0.001	7	67.40	0.000	0.000	0.003	0.003	16	135.1	0.000	0.000	0.004	0.004	41
11	56.73	0.000	0.000	0.001	0.001	7	61.90	0.000	0.000	0.003	0.003	15	354.4	0.000	0.000	0.003	0.003	89
12	56.73	0.000	0.000	0.001	0.001	7	133.2	0.000	0.000	0.004	0.004	43	286.0	0.000	0.000	0.003	0.003	79
13	61.90	0.000	0.000	0.002	0.002	8	237.4	0.000	0.000	0.003	0.003	70	190.9	0.000	0.000	0.003	0.003	56
14	47.78	0.000	0.000	0.001	0.001	5	150.3	0.000	0.000	0.004	0.004	49	96.13	0.000	0.000	0.002	0.002	16
15	50.89	0.000	0.000	0.001	0.001	6	93.47	0.000	0.000	0.002	0.002	19	91.36	0.000	0.000	0.002	0.002	15
16	53.35	0.000	0.000	0.001	0.001	6	88.73	0.000	0.000	0.002	0.002	18	94.18	0.000	0.000	0.002	0.002	15
17	57.44	0.000	0.000	0.002	0.002	7	80.36	0.000	0.000	0.003	0.003	17	95.49	0.000	0.000	0.002	0.002	16
18	97.38	0.000	0.000	0.002	0.002	14	61.90	0.000	0.000	0.002	0.002	13	132.9	0.000	0.000	0.004	0.004	40
19	98.46	0.000	0.000	0.002	0.002	14	87.39	0.000	0.000	0.002	0.002	18	96.09	0.000	0.000	0.002	0.002	16
20	170.1	0.000	0.000	0.002	0.002	32	89.71	0.000	0.000	0.002	0.002	18	215.3	0.000	0.000	0.003	0.003	61
21	300.0	0.000	0.000	0.003	0.003	73	92.24	0.000	0.000	0.002	0.002	19	210.1	0.000	0.000	0.004	0.004	64
22	383.8	0.000	0.000	0.003	0.003	93	96.68	0.000	0.000	0.003	0.003	21	137.5	0.000	0.000	0.002	0.002	26
23	330.1	0.000	0.000	0.003	0.003	86	94.07	0.000	0.000	0.002	0.002	19	95.03	0.000	0.000	0.002	0.002	16
24	300.5	0.000	0.000	0.003	0.003	73	107.8	0.000	0.000	0.002	0.002	22	94.02	0.000	0.000	0.002	0.002	16
25	612.1	0.000	0.000	0.003	0.003	169	91.36	0.000	0.000	0.002	0.002	18	96.68	0.000	0.000	0.002	0.002	17
26	806.8	0.000	0.000	0.003	0.003	223	92.01	0.000	0.000	0.002	0.002	19	76.04	0.000	0.000	0.002	0.002	14
27	567.1	0.000	0.000	0.003	0.003	162	89.33	0.000	0.000	0.002	0.002	17	88.27	0.000	0.000	0.002	0.002	16
28	548.7	0.000	0.000	0.003	0.003	156	95.15	0.000	0.000	0.002	0.002	19	88.54	0.000	0.000	0.002	0.002	16
29	395.2	0.000	0.000	0.003	0.003	113	99.70	0.000	0.000	0.002	0.002	16	107.8	0.000	0.000	0.003	0.003	24
30	293.2	0.000	0.000	0.003	0.003	81	186.4	0.000	0.000	0.004	0.004	60	179.0	0.000	0.000	0.003	0.003	48
31							150.2	0.000	0.000	0.004	0.004	49						
Ten Daily Mean																		
Ten Daily I	94.89	0.000	0.000	0.002	0.002	18	196.6	0.000	0.000	0.003	0.003	58	212.2	0.000	0.000	0.003	0.003	60
Ten Daily II	75.07	0.000	0.000	0.002	0.002	11	108.4	0.000	0.000	0.003	0.003	28	165.3	0.000	0.000	0.003	0.003	40
Ten Daily III	453.7	0.000	0.000	0.003	0.003	123	108.6	0.000	0.000	0.003	0.003	25	117.3	0.000	0.000	0.002	0.002	26
Monthly																		
Total						1514						1141						1261

Annual Sediment Load (Metric Tonnes) : 8859

Daily Observed Sediment Datasheet for period : 2015-2016

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	180.4	0.000	0.000	0.003	0.003	48	24.27	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
2	174.2	0.000	0.000	0.003	0.003	47	24.98	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
3	180.3	0.000	0.000	0.003	0.003	48	23.98	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
4	135.9	0.000	0.000	0.003	0.003	40	23.29	0.000	0.000	0.003	0.003	7	17.49	0.000	0.000	0.004	0.004	6
5	92.76	0.000	0.000	0.002	0.002	16	22.48	0.000	0.000	0.004	0.004	7	18.25	0.000	0.000	0.003	0.003	5
6	85.07	0.000	0.000	0.002	0.002	17	19.85	0.000	0.000	0.004	0.004	6	25.01	0.000	0.000	0.003	0.003	7
7	58.78	0.000	0.000	0.003	0.003	14	18.18	0.000	0.000	0.004	0.004	6	20.65	0.000	0.000	0.004	0.004	7
8	53.44	0.000	0.000	0.003	0.003	12	0.000	0.000	0.000	0.000	0.000	0	20.25	0.000	0.000	0.004	0.004	6
9	49.74	0.000	0.000	0.003	0.003	12	0.000	0.000	0.000	0.000	0.000	0	19.81	0.000	0.000	0.004	0.004	7
10	47.14	0.000	0.000	0.003	0.003	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	47.02	0.000	0.000	0.003	0.003	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	46.78	0.000	0.000	0.003	0.003	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
13	50.40	0.000	0.000	0.003	0.003	12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
14	48.81	0.000	0.000	0.002	0.002	10	24.94	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
15	67.90	0.000	0.000	0.002	0.002	11	35.78	0.000	0.000	0.004	0.004	14	0.000	0.000	0.000	0.000	0.000	0
16	55.06	0.000	0.000	0.002	0.002	10	36.60	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0
17	53.25	0.000	0.000	0.002	0.002	9	31.54	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0
18	55.07	0.000	0.000	0.002	0.002	10	39.67	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0
19	50.07	0.000	0.000	0.002	0.002	9	26.53	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
20	47.75	0.000	0.000	0.002	0.002	9	27.36	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0
21	45.94	0.000	0.000	0.002	0.002	8	22.46	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
22	40.75	0.000	0.000	0.002	0.002	8	24.99	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
23	40.79	0.000	0.000	0.002	0.002	8	24.17	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0
24	38.02	0.000	0.000	0.002	0.002	7	22.28	0.000	0.000	0.004	0.004	7	0.000	0.000	0.000	0.000	0.000	0
25	38.02	0.000	0.000	0.002	0.002	7	19.77	0.000	0.000	0.003	0.003	5	25.83	0.000	0.000	0.003	0.003	7
26	38.90	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0	36.79	0.000	0.000	0.002	0.002	7
27	31.54	0.000	0.000	0.002	0.002	5	0.000	0.000	0.000	0.000	0.000	0	40.01	0.000	0.000	0.002	0.002	7
28	36.85	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0	33.62	0.000	0.000	0.002	0.002	6
29	27.16	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0	31.21	0.000	0.000	0.002	0.002	6
30	26.17	0.000	0.000	0.003	0.003	6	0.000	0.000	0.000	0.000	0.000	0						
31	25.20	0.000	0.000	0.003	0.003	7	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	105.8	0.000	0.000	0.003	0.003	26	15.70	0.000	0.000	0.002	0.002	5	12.15	0.000	0.000	0.002	0.002	4
Ten Daily II	52.21	0.000	0.000	0.002	0.002	10	22.24	0.000	0.000	0.002	0.002	6	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	35.39	0.000	0.000	0.002	0.002	7	10.33	0.000	0.000	0.001	0.001	3	18.61	0.000	0.000	0.001	0.001	4
Monthly																		
Total						442						132						71

Annual Sediment Load (Metric Tonnes) : 8859

Daily Observed Sediment Datasheet for period : 2015-2016

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	28.32	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
2	11.14	0.000	0.000	0.004	0.004	4	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	12.63	0.000	0.000	0.005	0.005	5
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	35.98	0.000	0.000	0.002	0.002	7	0.000	0.000	0.000	0.000	0.000	0
12	0.000	0.000	0.000	0.000	0.000	0	39.17	0.000	0.000	0.002	0.002	8	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	38.42	0.000	0.000	0.004	0.004	14	0.000	0.000	0.000	0.000	0.000	0
14	0.000	0.000	0.000	0.000	0.000	0	38.42	0.000	0.000	0.004	0.004	14	0.000	0.000	0.000	0.000	0.000	0
15	0.000	0.000	0.000	0.000	0.000	0	14.39	0.000	0.000	0.004	0.004	5	0.000	0.000	0.000	0.000	0.000	0
16	0.000	0.000	0.000	0.000	0.000	0	11.47	0.000	0.000	0.004	0.004	4	0.000	0.000	0.000	0.000	0.000	0
17	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
18	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
19	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	13.72	0.000	0.000	0.004	0.004	5
20	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.60	0.000	0.000	0.004	0.004	6
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	22.56	0.000	0.000	0.005	0.005	9
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	34.86	0.000	0.000	0.007	0.007	20
23	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	17.63	0.000	0.000	0.003	0.003	5
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	3.946	0.000	0.000	0.001	0.001	1	0.000	0.000	0.000	0.000	0.000	0	1.263	0.000	0.000	0.000	0.000	1
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	17.79	0.000	0.000	0.002	0.002	5	3.132	0.000	0.000	0.001	0.001	1
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	6.823	0.000	0.000	0.001	0.001	3
Monthly																		
Total						10						53						50

Annual Sediment Load (Metric Tonnes) : 8859

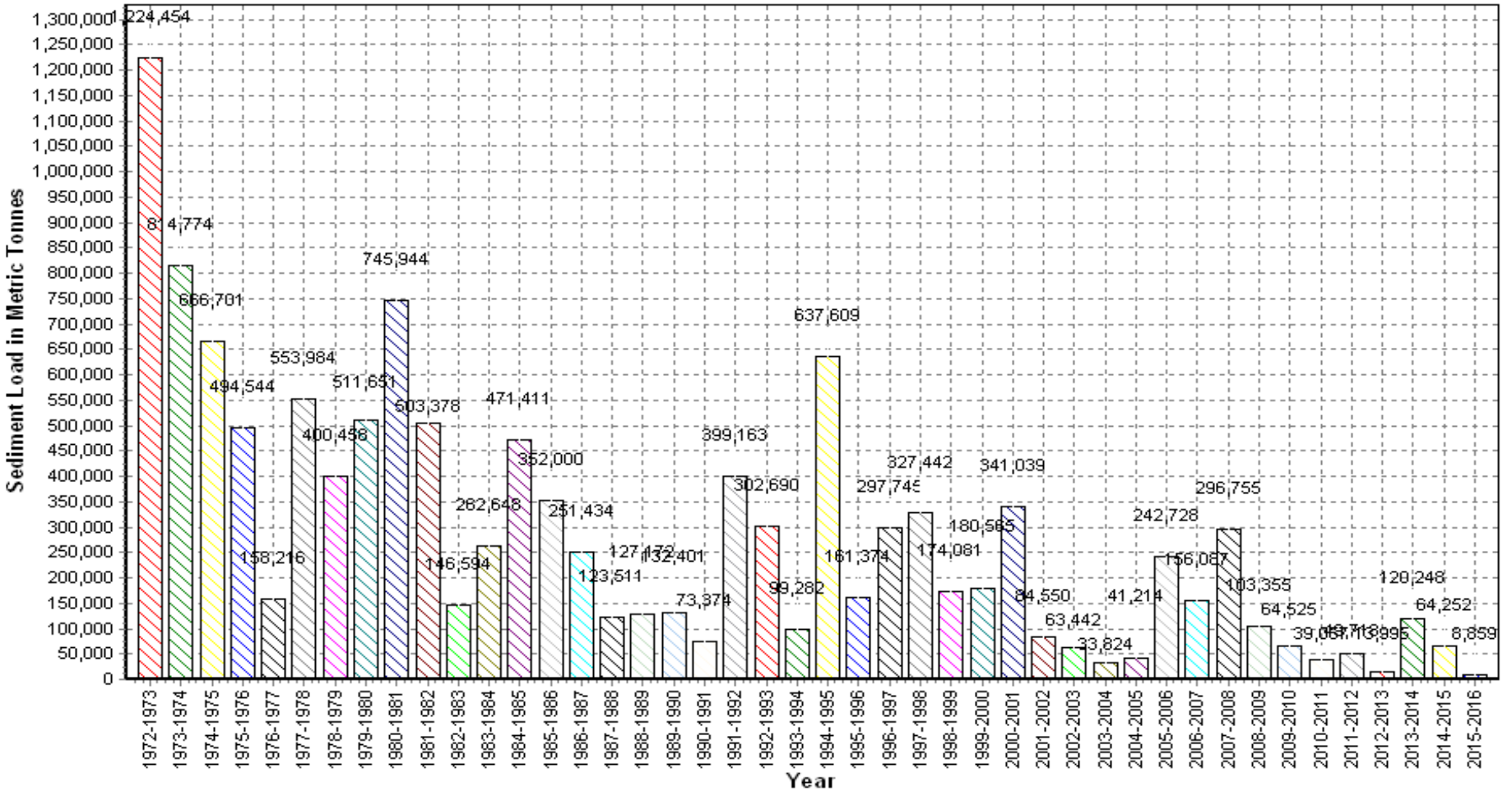
Annual Sediment Load for the period: 1972-2016

Station Name : Kollegal (CC000R5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

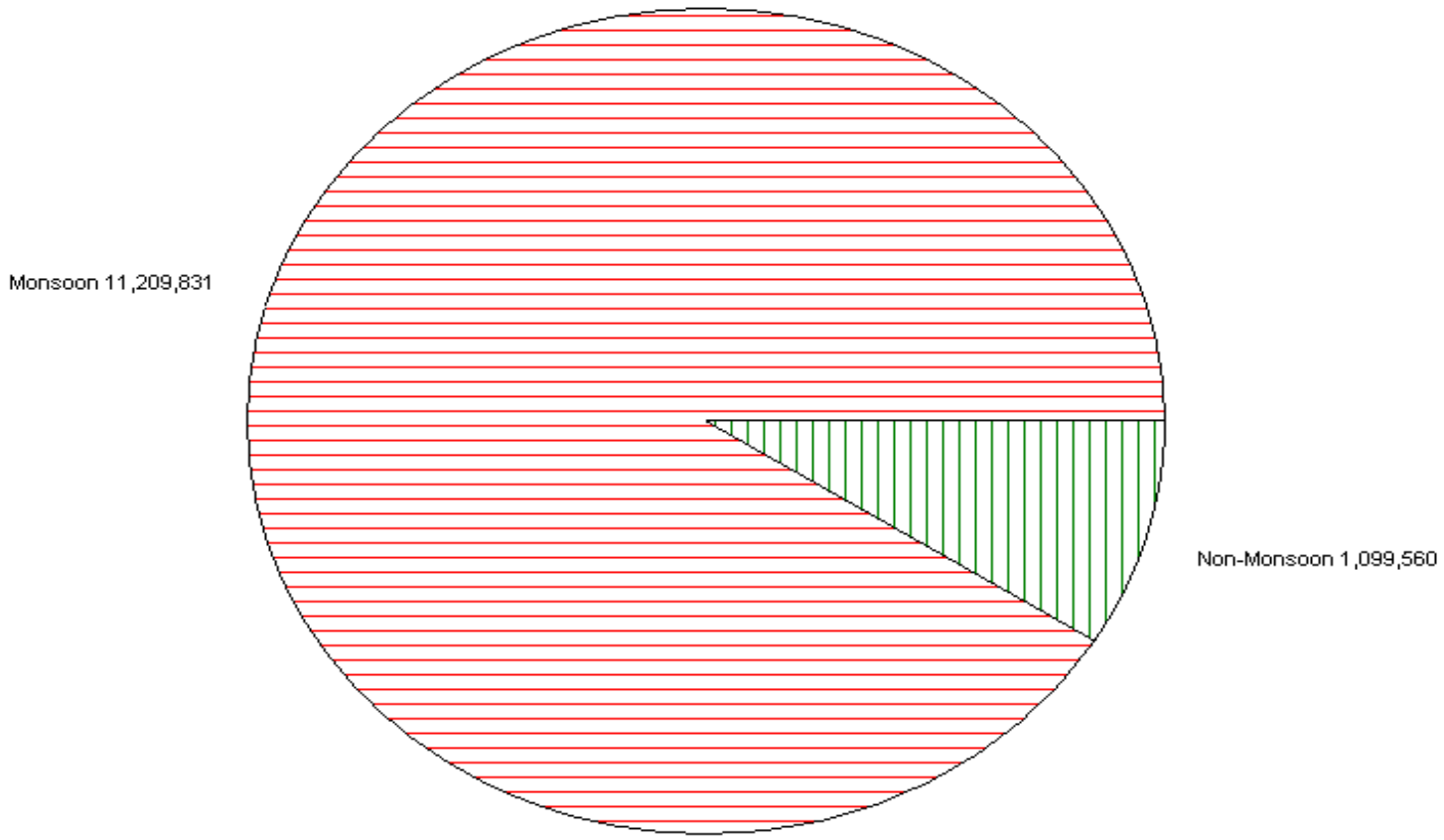
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1972-2015

Station Name : Kollegal (CC000R5)
Local River : Cauvery

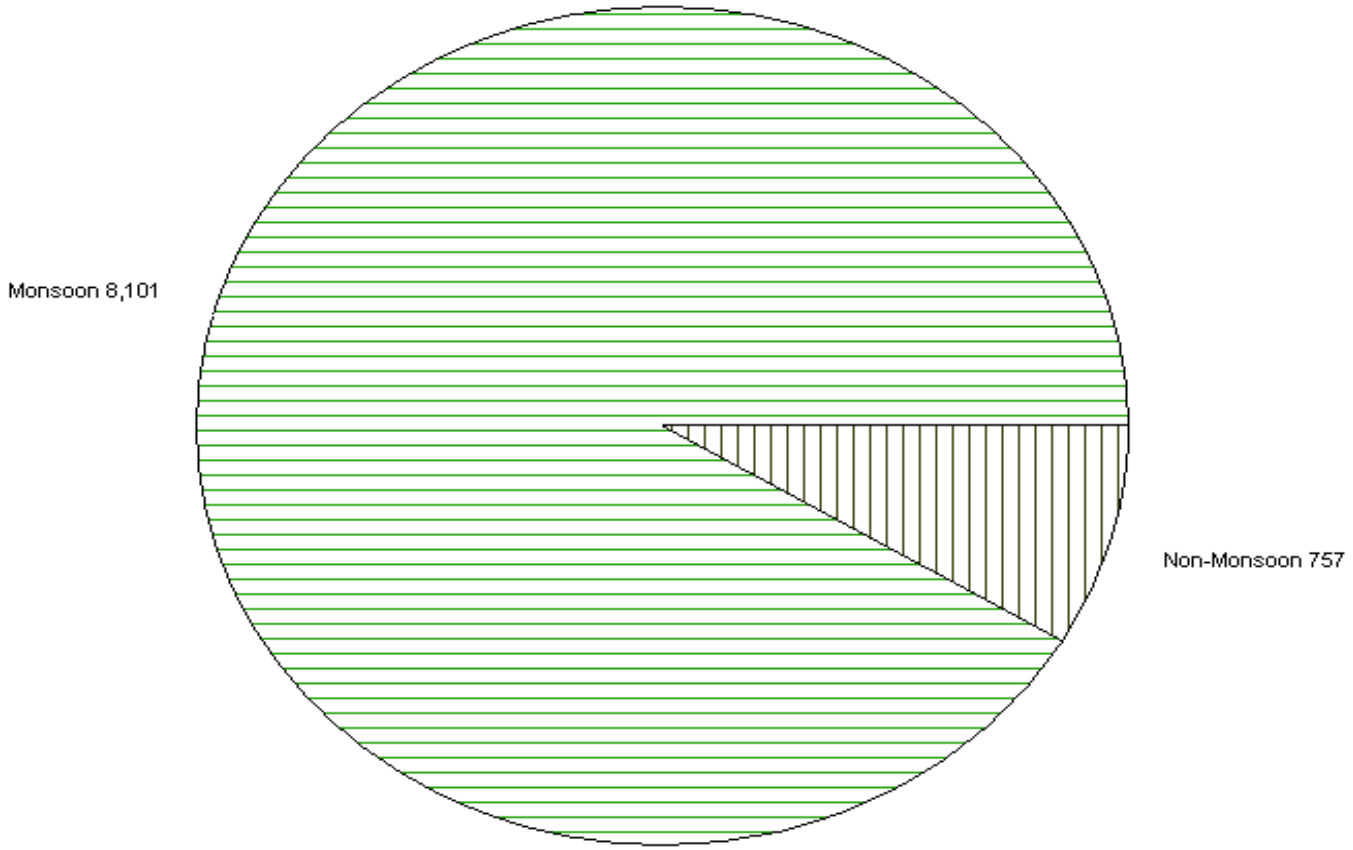
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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						
									Bed Material Composition							Bed Material Composition	
	R.D.NO.	R.L. OF DRY BED (m)	R.L. OF BED LEVEL (m)	W.L. (GTS) OF THE SAMPLING DEPTH (m)	DEPTH OF WATER (m)	WIDTH (m)	VELOCITY (m/Sec)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)	WETTED PERIMETER (m)	HYDRULIC MEAN DEPTH (m)	MEAN VELOCITY (m/Sec)	SURFACE WATER SLOPE (S)	DISCHARGE (m^3/Sec)	MAX SIZE (mm)	MEAN SIZE (mm)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MONSOON 2015									**DATE OF COLLECTION**		**00-00-0000**						
1																	
2																	
3	Sample not collected																
4																	
5																	
6																	
POSTMONSOON 2015									**DATE OF COLLECTION**		**12-04-2016**						
1	80	-	622.185	624.635	2.45	80	-	-	5.50	0.79							
2	160	-	622.335	624.635	2.30	80	0.075	1.988	5.50	0.96							
3	240	-	622.085	624.635	2.55	80	-	-	9.00	1.20							
4	320	-	621.985	624.635	2.65	80	0.074	1.887	9.00	1.28	411.957	1.861	0.0346	0.00004	39.17	9.00	0.99
5	400	-	621.835	624.635	2.80	80	-	-	8.50	0.93							
6	500	625.285	-	624.635	-	100	-No Flow-		8.50	0.75							
PREMONSOON 2016									**DATE OF COLLECTION**		**13-06-2016**						
1	80	-	621.700	624.400	2.70	80			3.50	0.67							
2	160	-	621.850	624.400	2.55	80	-- No Flow --		10.50	0.99							
3	240	-	621.800	624.400	2.60	80			3.50	0.71	-- No Flow --					10.50	0.79

Annual Sediment Load for period : 1972-2016

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
2012-2013	42018	1957	43974	1109
2013-2014	12782	503	13286	2168
2014-2015	95348	1359	96707	2260
2015-2016	32909	1584	34493	1517

*Partial Data

Daily Observed Sediment Datasheet for period : 2015-2016

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	24.68	0.000	0.000	0.006	0.006	13	166.0	0.001	0.002	0.031	0.034	489	73.46	0.000	0.000	0.013	0.013	83
2	44.99	0.000	0.000	0.011	0.012	46	138.4	0.001	0.001	0.027	0.029	352	67.09	0.000	0.000	0.012	0.012	69
3	21.67	0.000	0.000	0.001	0.001	1	80.19	0.000	0.001	0.015	0.016	109	61.29	0.000	0.000	0.013	0.013	68
4	30.51	0.000	0.000	0.007	0.007	17	74.22	0.000	0.001	0.014	0.015	95	32.46	0.000	0.000	0.013	0.013	36
5	53.39	0.000	0.000	0.009	0.010	44	76.59	0.000	0.001	0.014	0.015	100	29.67	0.000	0.000	0.007	0.007	18
6	37.28	0.000	0.000	0.006	0.006	20	50.70	0.000	0.001	0.010	0.010	45	29.98	0.000	0.000	0.007	0.007	18
7	22.90	0.000	0.000	0.003	0.003	5	47.06	0.000	0.001	0.009	0.009	38	28.51	0.000	0.000	0.008	0.008	18
8	19.72	0.000	0.000	0.005	0.005	8	41.83	0.000	0.000	0.008	0.009	31	28.89	0.000	0.000	0.007	0.007	18
9	18.46	0.000	0.000	0.005	0.005	9	40.94	0.000	0.000	0.009	0.009	32	37.35	0.000	0.000	0.009	0.009	30
10	29.73	0.000	0.000	0.001	0.001	2	42.40	0.000	0.000	0.009	0.010	36	25.61	0.000	0.000	0.007	0.007	15
11	25.38	0.000	0.000	0.005	0.005	11	70.39	0.000	0.000	0.020	0.020	119	30.63	0.000	0.000	0.008	0.008	20
12	24.76	0.000	0.000	0.005	0.005	11	91.09	0.000	0.000	0.025	0.025	198	31.75	0.000	0.000	0.007	0.007	20
13	23.75	0.000	0.000	0.005	0.005	11	67.89	0.000	0.000	0.020	0.020	120	60.59	0.000	0.000	0.013	0.013	68
14	22.48	0.000	0.000	0.005	0.005	10	77.74	0.000	0.000	0.019	0.019	129	109.9	0.000	0.000	0.018	0.018	168
15	23.01	0.000	0.000	0.006	0.006	11	77.18	0.000	0.000	0.020	0.020	136	123.2	0.000	0.000	0.020	0.020	211
16	22.68	0.000	0.000	0.005	0.005	10	58.04	0.000	0.000	0.012	0.012	58	135.1	0.000	0.000	0.025	0.025	296
17	25.34	0.000	0.000	0.005	0.005	12	55.29	0.000	0.000	0.010	0.010	46	152.0	0.001	0.002	0.029	0.031	411
18	23.18	0.000	0.000	0.006	0.006	12	115.6	0.000	0.000	0.012	0.012	119	144.2	0.001	0.002	0.028	0.031	383
19	23.95	0.000	0.000	0.006	0.006	12	142.0	0.000	0.000	0.015	0.015	180	157.6	0.001	0.002	0.032	0.035	477
20	27.27	0.000	0.000	0.007	0.007	16	359.9	0.002	0.003	0.037	0.042	1306	175.3	0.002	0.002	0.036	0.040	606
21	27.14	0.000	0.000	0.007	0.007	16	367.0	0.000	0.000	0.038	0.038	1208	168.9	0.001	0.002	0.031	0.034	502
22	27.91	0.000	0.000	0.007	0.007	16	228.8	0.000	0.000	0.025	0.025	488	167.6	0.001	0.002	0.032	0.036	521
23	27.59	0.000	0.000	0.006	0.006	15	163.2	0.000	0.000	0.031	0.031	434	234.8	0.002	0.002	0.034	0.038	773
24	27.82	0.000	0.000	0.006	0.006	15	172.6	0.000	0.000	0.031	0.031	456	225.0	0.002	0.002	0.033	0.037	713
25	148.5	0.001	0.097	0.027	0.125	1601	167.5	0.000	0.000	0.030	0.030	436	208.6	0.002	0.002	0.033	0.037	663
26	162.1	0.001	0.002	0.030	0.032	452	153.4	0.000	0.000	0.028	0.028	364	177.7	0.001	0.002	0.032	0.035	539
27	223.2	0.001	0.002	0.029	0.032	617	173.9	0.000	0.000	0.035	0.035	527	114.0	0.001	0.001	0.014	0.016	153
28	302.9	0.000	0.000	0.039	0.039	1029	159.3	0.000	0.000	0.030	0.030	407	86.14	0.000	0.001	0.010	0.011	84
29	39.46	0.000	0.000	0.007	0.007	25	158.2	0.000	0.000	0.032	0.032	431	85.15	0.000	0.001	0.010	0.011	84
30	388.4	0.000	0.000	0.054	0.054	1795	156.9	0.000	0.000	0.030	0.030	409	87.86	0.000	0.001	0.011	0.012	89
31							137.4	0.000	0.000	0.028	0.028	330	78.96	0.000	0.007	0.014	0.022	147
Ten Daily Mean																		
Ten Daily I	30.33	0.000	0.000	0.005	0.005	17	75.84	0.000	0.001	0.015	0.016	133	41.43	0.000	0.000	0.010	0.010	38
Ten Daily II	24.18	0.000	0.000	0.006	0.006	12	111.5	0.000	0.000	0.019	0.019	241	112.0	0.001	0.001	0.021	0.023	266
Ten Daily III	137.5	0.000	0.010	0.021	0.032	558	185.3	0.000	0.000	0.031	0.031	499	148.6	0.001	0.002	0.023	0.026	388
Monthly																		
Total						5865						9230						7303

Annual Sediment Load (Metric Tonnes) : 34493

Daily Observed Sediment Datasheet for period : 2015-2016

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	60.15	0.000	0.000	0.013	0.014	71	65.96	0.001	0.001	0.011	0.013	75	44.96	0.000	0.001	0.011	0.012	46
2	53.78	0.000	0.000	0.013	0.013	62	96.62	0.001	0.001	0.016	0.018	147	110.0	0.001	0.001	0.012	0.013	124
3	51.05	0.000	0.000	0.012	0.013	58	75.67	0.001	0.001	0.012	0.014	93	115.5	0.001	0.001	0.011	0.013	128
4	45.03	0.000	0.000	0.012	0.013	50	51.78	0.001	0.001	0.008	0.011	47	112.3	0.001	0.001	0.011	0.013	127
5	51.44	0.002	0.000	0.013	0.015	68	99.62	0.001	0.001	0.014	0.016	138	133.3	0.001	0.001	0.015	0.018	204
6	52.17	0.000	0.000	0.013	0.014	61	146.1	0.002	0.003	0.025	0.030	372	115.7	0.001	0.001	0.012	0.014	138
7	56.28	0.000	0.001	0.013	0.014	66	97.23	0.001	0.001	0.013	0.015	126	73.64	0.000	0.001	0.014	0.014	91
8	44.75	0.000	0.001	0.014	0.014	56	51.58	0.000	0.001	0.013	0.014	61	47.92	0.000	0.000	0.009	0.009	38
9	44.75	0.000	0.001	0.013	0.014	52	36.26	0.000	0.001	0.011	0.012	38	32.59	0.000	0.000	0.001	0.001	4
10	38.25	0.000	0.000	0.002	0.002	7	33.80	0.000	0.001	0.012	0.012	36	74.70	0.001	0.001	0.012	0.014	91
11	40.23	0.000	0.000	0.012	0.013	44	36.70	0.001	0.001	0.012	0.014	43	89.47	0.001	0.001	0.015	0.017	128
12	36.78	0.000	0.000	0.013	0.013	41	63.34	0.001	0.001	0.015	0.016	89	72.58	0.001	0.001	0.013	0.015	92
13	36.05	0.000	0.000	0.012	0.013	40	88.10	0.001	0.001	0.015	0.017	132	62.38	0.001	0.001	0.010	0.012	63
14	30.57	0.000	0.000	0.012	0.013	34	55.71	0.001	0.001	0.013	0.015	70	62.35	0.001	0.001	0.010	0.012	64
15	32.34	0.000	0.000	0.012	0.012	34	44.04	0.000	0.001	0.012	0.013	50	45.32	0.001	0.001	0.010	0.012	47
16	32.62	0.000	0.000	0.012	0.013	35	45.43	0.001	0.001	0.013	0.014	55	56.57	0.001	0.001	0.010	0.012	58
17	46.05	0.000	0.000	0.013	0.014	55	43.12	0.001	0.001	0.012	0.014	50	60.27	0.000	0.000	0.011	0.011	55
18	47.33	0.000	0.001	0.014	0.015	59	38.67	0.001	0.001	0.011	0.012	41	55.82	0.001	0.001	0.011	0.012	59
19	47.74	0.000	0.001	0.013	0.014	59	49.67	0.001	0.001	0.013	0.015	62	70.57	0.001	0.001	0.010	0.013	77
20	80.58	0.000	0.001	0.014	0.015	102	50.38	0.000	0.001	0.013	0.014	61	86.21	0.001	0.002	0.014	0.017	126
21	119.4	0.001	0.001	0.014	0.016	161	54.05	0.000	0.000	0.012	0.012	56	82.93	0.001	0.001	0.015	0.017	122
22	125.9	0.001	0.001	0.014	0.015	164	44.23	0.000	0.000	0.010	0.010	37	52.57	0.001	0.001	0.015	0.016	74
23	127.9	0.001	0.001	0.016	0.018	197	52.30	0.000	0.000	0.013	0.013	59	53.48	0.001	0.001	0.015	0.016	75
24	132.1	0.001	0.002	0.017	0.020	223	44.23	0.000	0.000	0.011	0.011	42	51.97	0.001	0.001	0.010	0.012	53
25	298.7	0.003	0.004	0.052	0.059	1523	40.71	0.000	0.000	0.010	0.010	33	43.15	0.000	0.000	0.012	0.012	46
26	227.9	0.003	0.004	0.040	0.047	925	45.82	0.000	0.000	0.011	0.011	43	42.58	0.000	0.000	0.012	0.012	45
27	191.7	0.002	0.000	0.033	0.035	583	51.06	0.000	0.000	0.011	0.011	48	47.08	0.000	0.000	0.011	0.011	43
28	192.7	0.002	0.000	0.033	0.036	596	53.69	0.000	0.000	0.012	0.012	56	50.33	0.000	0.000	0.010	0.010	45
29	130.6	0.001	0.002	0.016	0.018	205	56.38	0.000	0.000	0.013	0.013	61	67.09	0.000	0.000	0.012	0.012	67
30	95.86	0.001	0.001	0.013	0.015	126	62.58	0.000	0.000	0.012	0.012	65	72.76	0.000	0.000	0.013	0.013	80
31							61.82	0.000	0.000	0.012	0.012	64						
Ten Daily Mean																		
Ten Daily I	49.76	0.000	0.000	0.012	0.013	55	75.47	0.001	0.001	0.013	0.015	113	86.06	0.000	0.001	0.011	0.012	99
Ten Daily II	43.03	0.000	0.000	0.013	0.013	50	51.52	0.001	0.001	0.013	0.014	65	66.15	0.001	0.001	0.011	0.013	77
Ten Daily III	164.3	0.002	0.002	0.025	0.028	470	51.53	0.000	0.000	0.011	0.011	51	56.39	0.000	0.000	0.012	0.013	65
Monthly																		
Total						5756						2348						2408

Annual Sediment Load (Metric Tonnes) : 34493

Daily Observed Sediment Datasheet for period : 2015-2016

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	70.62	0.000	0.000	0.012	0.012	73	18.41	0.000	0.000	0.007	0.007	11	0.000	0.000	0.000	0.000	0.000	0
2	71.06	0.000	0.000	0.013	0.013	77	18.98	0.000	0.000	0.007	0.007	12	0.000	0.000	0.000	0.000	0.000	0
3	66.91	0.000	0.000	0.012	0.012	71	17.22	0.000	0.000	0.007	0.007	10	13.17	0.000	0.000	0.011	0.011	13
4	61.81	0.000	0.000	0.012	0.012	62	17.43	0.000	0.000	0.006	0.006	9	16.20	0.000	0.000	0.010	0.010	14
5	52.23	0.000	0.000	0.011	0.011	49	17.54	0.000	0.000	0.006	0.006	9	18.97	0.000	0.000	0.009	0.009	15
6	48.42	0.000	0.000	0.010	0.010	42	15.09	0.000	0.000	0.007	0.007	9	17.17	0.000	0.000	0.010	0.010	14
7	37.73	0.000	0.000	0.007	0.007	22	13.76	0.000	0.000	0.008	0.008	10	15.21	0.000	0.000	0.009	0.009	11
8	31.69	0.000	0.000	0.006	0.006	17	13.84	0.000	0.000	0.009	0.009	11	0.000	0.000	0.000	0.000	0.000	0
9	29.24	0.000	0.000	0.006	0.006	14	13.33	0.000	0.000	0.008	0.008	10	0.000	0.000	0.000	0.000	0.000	0
10	30.71	0.000	0.000	0.007	0.007	19	12.68	0.000	0.000	0.009	0.009	10	0.000	0.000	0.000	0.000	0.000	0
11	31.44	0.000	0.000	0.008	0.008	20	12.22	0.000	0.000	0.009	0.009	10	0.000	0.000	0.000	0.000	0.000	0
12	32.04	0.000	0.000	0.008	0.008	22	11.99	0.000	0.000	0.010	0.010	10	0.000	0.000	0.000	0.000	0.000	0
13	35.32	0.000	0.000	0.009	0.009	27	22.51	0.000	0.000	0.007	0.007	14	0.000	0.000	0.000	0.000	0.000	0
14	51.11	0.000	0.000	0.014	0.014	60	25.04	0.000	0.000	0.009	0.009	19	0.000	0.000	0.000	0.000	0.000	0
15	34.14	0.000	0.000	0.001	0.001	3	21.50	0.000	0.000	0.008	0.008	15	0.000	0.000	0.000	0.000	0.000	0
16	33.77	0.000	0.000	0.007	0.007	22	21.11	0.000	0.000	0.008	0.008	15	0.000	0.000	0.000	0.000	0.000	0
17	33.95	0.000	0.000	0.007	0.007	22	21.50	0.000	0.000	0.008	0.008	15	0.000	0.000	0.000	0.000	0.000	0
18	33.82	0.000	0.000	0.008	0.008	22	19.20	0.000	0.000	0.009	0.009	15	0.000	0.000	0.000	0.000	0.000	0
19	28.49	0.000	0.000	0.007	0.007	17	15.92	0.000	0.000	0.008	0.008	11	0.000	0.000	0.000	0.000	0.000	0
20	26.10	0.000	0.000	0.006	0.006	14	12.18	0.000	0.000	0.011	0.011	12	0.000	0.000	0.000	0.000	0.000	0
21	24.56	0.000	0.000	0.007	0.007	14	13.33	0.000	0.000	0.011	0.011	13	0.000	0.000	0.000	0.000	0.000	0
22	22.33	0.000	0.000	0.007	0.007	14	13.58	0.000	0.000	0.011	0.011	13	0.000	0.000	0.000	0.000	0.000	0
23	21.94	0.000	0.000	0.007	0.007	13	13.37	0.000	0.000	0.011	0.011	13	26.10	0.000	0.000	0.008	0.008	19
24	20.76	0.000	0.000	0.006	0.006	11	12.07	0.000	0.000	0.010	0.010	10	27.30	0.000	0.000	0.009	0.009	20
25	19.32	0.000	0.000	0.007	0.007	12	11.06	0.000	0.000	0.012	0.012	11	35.40	0.000	0.000	0.009	0.009	27
26	19.08	0.000	0.000	0.007	0.007	12	0.000	0.000	0.000	0.000	0.000	0	41.69	0.000	0.000	0.010	0.010	37
27	17.91	0.000	0.000	0.008	0.008	12	0.000	0.000	0.000	0.000	0.000	0	37.10	0.000	0.000	0.009	0.009	29
28	17.19	0.000	0.000	0.007	0.007	11	0.000	0.000	0.000	0.000	0.000	0	28.52	0.000	0.000	0.007	0.007	17
29	19.06	0.000	0.000	0.007	0.007	12	0.000	0.000	0.000	0.000	0.000	0	21.15	0.000	0.000	0.008	0.008	14
30	17.20	0.000	0.000	0.007	0.007	10	0.000	0.000	0.000	0.000	0.000	0						
31	18.49	0.000	0.000	0.007	0.007	12	0.000	0.000	0.000	0.000	0.000	0						
Ten Daily Mean																		
Ten Daily I	50.04	0.000	0.000	0.009	0.009	45	15.83	0.000	0.000	0.007	0.007	10	8.073	0.000	0.000	0.005	0.005	7
Ten Daily II	34.02	0.000	0.000	0.007	0.007	23	18.32	0.000	0.000	0.009	0.009	14	0.000	0.000	0.000	0.000	0.000	0
Ten Daily III	19.80	0.000	0.000	0.007	0.007	12	5.764	0.000	0.000	0.005	0.005	5	24.14	0.000	0.000	0.007	0.007	18
Monthly																		
Total						808						296						229

Annual Sediment Load (Metric Tonnes) : 34493

Daily Observed Sediment Datasheet for period : 2015-2016

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	19.25	0.000	0.000	0.008	0.008	13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	17.68	0.000	0.000	0.009	0.009	13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	15.56	0.000	0.000	0.008	0.008	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	13.65	0.000	0.000	0.009	0.009	11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	15.87	0.000	0.000	0.011	0.011	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
6	15.87	0.000	0.000	0.011	0.011	15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
7	15.21	0.000	0.000	0.010	0.010	13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
8	12.61	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
9	13.03	0.000	0.000	0.009	0.009	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
10	13.50	0.000	0.000	0.009	0.009	10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
11	10.71	0.000	0.000	0.010	0.010	9	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
12	11.03	0.000	0.000	0.009	0.009	8	37.68	0.000	0.000	0.012	0.012	38	0.000	0.000	0.000	0.000	0.000	0
13	0.000	0.000	0.000	0.000	0.000	0	36.40	0.000	0.000	0.012	0.012	37	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	9.172	0.000	0.000	0.013	0.013	10	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	35.72	0.000	0.000	0.012	0.012	37
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	8.928	0.000	0.000	0.002	0.002	1	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	15.22	0.000	0.000	0.008	0.008	11	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	3.092	0.000	0.000	0.003	0.003	3	7.408	0.000	0.000	0.002	0.002	7	3.572	0.000	0.000	0.001	0.001	4
Ten Daily III	0.812	0.000	0.000	0.000	0.000	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						140						75						37

Annual Sediment Load (Metric Tonnes) : 34493

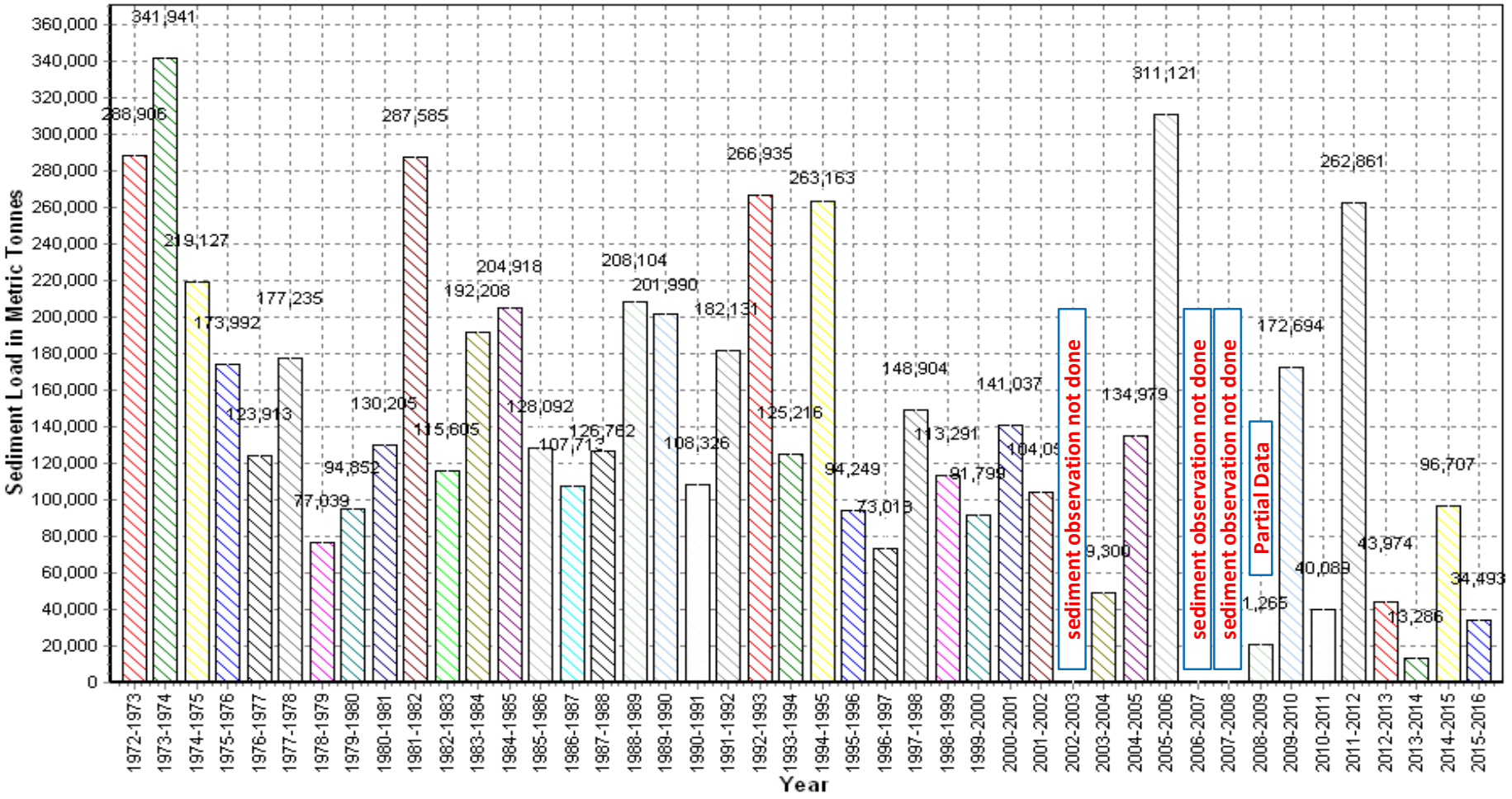
Annual Sediment Load for the period: 1972-2016

Station Name : T.Narasipur (CCP00B1)

Local River : Kabini

Division : Cauvery Division, Bangalore

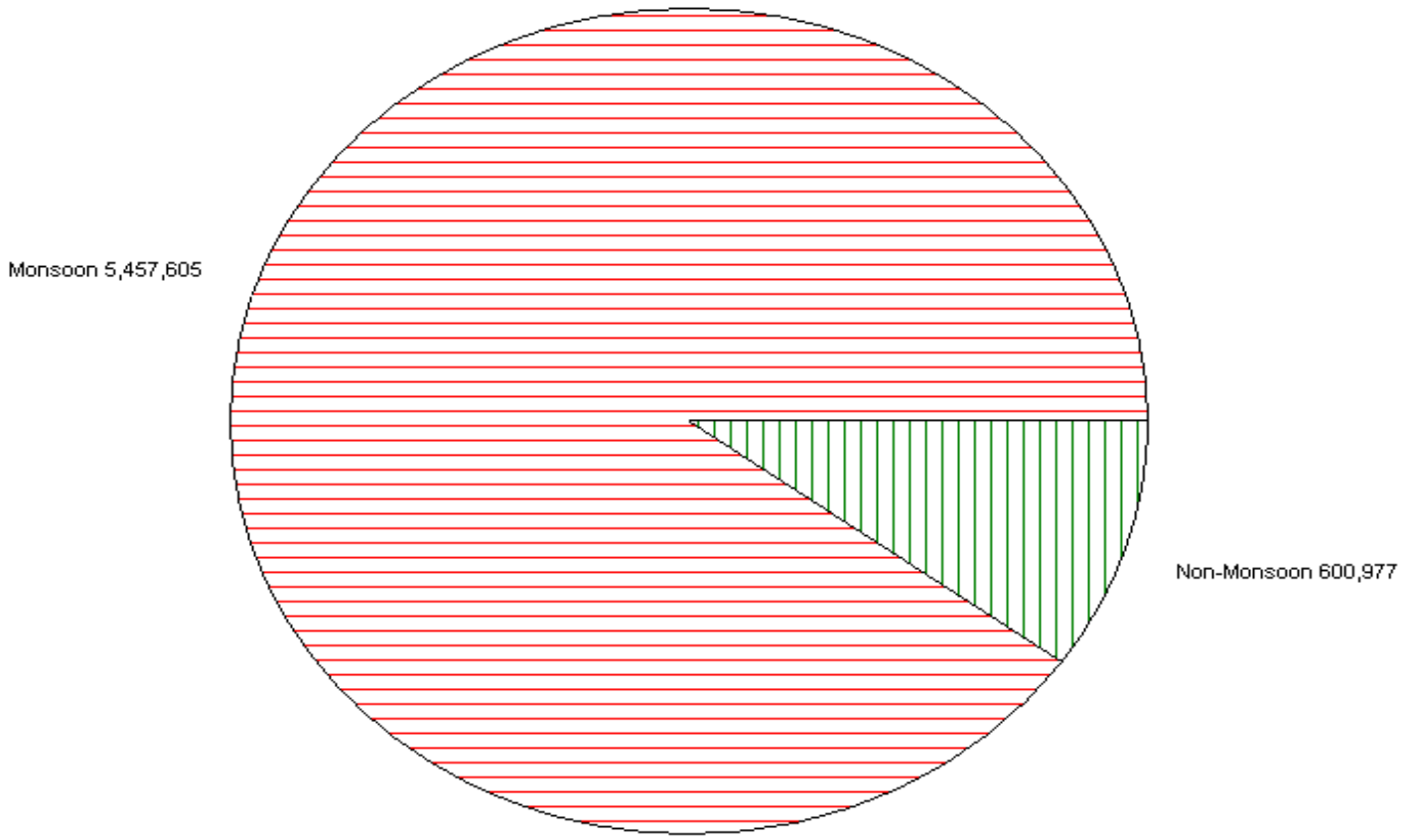
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1972-2015

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

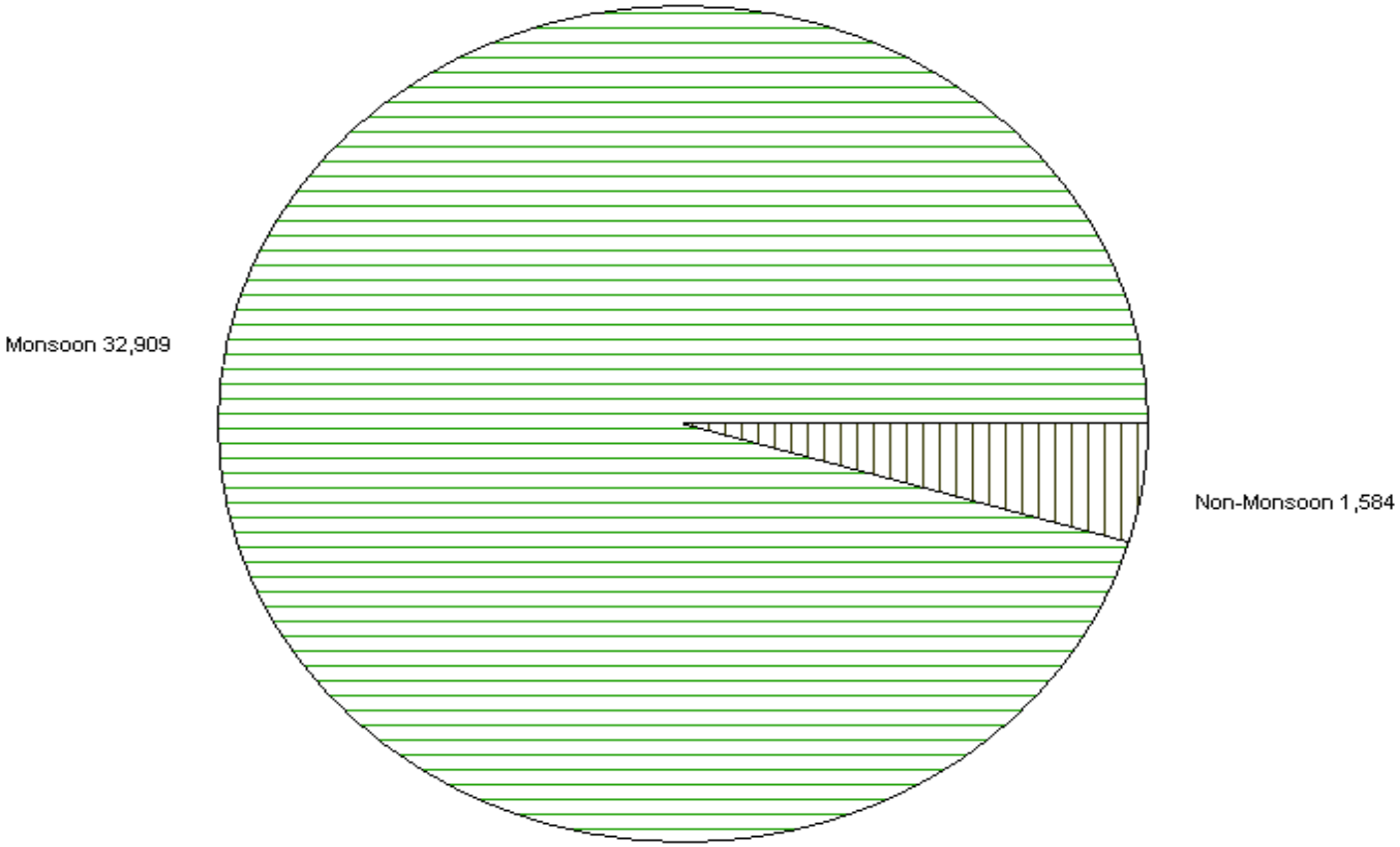
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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 2015									DATE OF COLLECTION		00-00-0000						
1																	
2																	
3							Sample not collected										
POSTMONSOON 2015									DATE OF COLLECTION		29-01-2016						
1	50	-	632.960	634.220	1.26	50			7.50	1.18							
2	100	-	633.650	634.220	0.57	50	- No flow -		8.50	0.96	- No flow -					8.50	1.07
3	150	635.165	-	-	-	50			7.50	1.08							
PREMONSOON 2016									DATE OF COLLECTION		21-06-2016						
1	50	-	632.935	634.595	1.66	50	0.125	0.963	5.50	1.11							
2	100	-	633.715	634.595	0.88	50	0.119	0.524	5.50	1.01	122.74	1.227	0.1127	0.00003	16.97	5.50	0.97
3	150	635.210	-	-	-	50	- Dry bed -		5.50	0.79							

Annual Sediment Load for period : 1974-2016

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
2014-2015	168673	6590	175263	3034
2015-2016	56248	824	57072	1769

Daily Observed Sediment Datasheet for period : 2015-2016

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	0.768	0.000	0.000	0.010	0.010	1	157.5	0.000	0.000	0.010	0.010	137	71.40	0.000	0.000	0.002	0.002	15
2	0.768	0.000	0.000	0.011	0.011	1	115.9	0.000	0.000	0.008	0.008	84	69.66	0.000	0.000	0.003	0.003	20
3	0.752	0.000	0.000	0.009	0.009	1	100.5	0.000	0.000	0.002	0.002	19	58.10	0.000	0.000	0.009	0.009	46
4	22.47	0.000	0.000	0.009	0.009	18	95.33	0.000	0.000	0.006	0.006	52	79.21	0.000	0.000	0.010	0.010	68
5	27.78	0.000	0.000	0.011	0.011	25	83.29	0.000	0.000	0.008	0.008	54	73.03	0.000	0.000	0.010	0.010	65
6	24.27	0.000	0.000	0.012	0.012	25	80.48	0.000	0.000	0.008	0.008	54	89.31	0.000	0.000	0.010	0.010	79
7	9.598	0.000	0.000	0.009	0.009	8	72.14	0.000	0.000	0.009	0.009	59	79.78	0.000	0.000	0.012	0.012	85
8	7.256	0.000	0.000	0.009	0.009	6	86.47	0.000	0.000	0.009	0.009	64	109.6	0.000	0.002	0.015	0.017	165
9	26.50	0.000	0.000	0.013	0.013	29	123.8	0.000	0.000	0.018	0.018	195	87.59	0.000	0.001	0.012	0.013	98
10	21.75	0.000	0.000	0.012	0.012	22	110.4	0.000	0.000	0.011	0.011	104	77.99	0.000	0.000	0.011	0.011	74
11	15.20	0.000	0.000	0.009	0.009	12	163.2	0.000	0.004	0.011	0.015	216	151.5	0.000	0.005	0.032	0.037	480
12	11.31	0.000	0.000	0.009	0.009	9	158.2	0.000	0.004	0.011	0.015	204	166.0	0.000	0.009	0.035	0.044	631
13	15.15	0.000	0.000	0.009	0.009	12	156.1	0.000	0.003	0.011	0.015	198	200.6	0.000	0.005	0.021	0.026	447
14	21.09	0.000	0.000	0.009	0.009	17	115.3	0.000	0.001	0.010	0.011	112	163.2	0.000	0.000	0.009	0.009	131
15	18.64	0.000	0.000	0.009	0.009	15	93.91	0.000	0.000	0.009	0.009	75	173.8	0.000	0.000	0.009	0.009	140
16	21.52	0.000	0.000	0.013	0.013	23	97.16	0.000	0.000	0.011	0.011	89	164.0	0.000	0.000	0.009	0.009	132
17	70.97	0.000	0.000	0.055	0.055	334	195.3	0.000	0.020	0.074	0.094	1585	118.4	0.000	0.000	0.009	0.009	96
18	46.65	0.000	0.000	0.018	0.018	73	288.8	0.000	0.015	0.053	0.068	1692	154.5	0.000	0.000	0.012	0.012	155
19	49.62	0.000	0.000	0.012	0.012	52	445.4	0.000	0.005	0.019	0.024	920	137.3	0.000	0.000	0.010	0.010	113
20	263.9	0.006	0.006	0.136	0.148	3373	445.0	0.000	0.005	0.019	0.024	923	89.42	0.000	0.000	0.009	0.009	70
21	306.7	0.006	0.011	0.121	0.138	3659	275.1	0.000	0.002	0.009	0.011	264	74.66	0.000	0.000	0.010	0.010	63
22	381.8	0.004	0.005	0.096	0.105	3454	198.0	0.000	0.002	0.008	0.010	164	89.28	0.000	0.000	0.008	0.008	62
23	518.9	0.004	0.005	0.092	0.101	4524	271.6	0.000	0.002	0.011	0.013	303	102.7	0.000	0.000	0.009	0.009	82
24	523.1	0.003	0.004	0.073	0.080	3625	233.4	0.000	0.001	0.010	0.011	220	88.10	0.000	0.000	0.008	0.008	61
25	616.0	0.003	0.004	0.057	0.064	3428	195.5	0.000	0.000	0.008	0.008	138	83.41	0.000	0.000	0.008	0.008	58
26	692.0	0.004	0.005	0.061	0.069	4126	152.5	0.000	0.000	0.009	0.009	115	66.36	0.000	0.000	0.007	0.007	42
27	792.7	0.004	0.006	0.064	0.074	5055	123.5	0.000	0.000	0.009	0.009	97	61.64	0.000	0.000	0.009	0.009	47
28	629.1	0.002	0.004	0.054	0.059	3223	116.1	0.000	0.000	0.009	0.009	86	72.30	0.000	0.000	0.007	0.007	44
29	475.7	0.000	0.002	0.044	0.046	1883	98.42	0.000	0.000	0.009	0.009	72	60.37	0.000	0.000	0.009	0.009	47
30	309.9	0.000	0.002	0.029	0.030	811	90.55	0.000	0.000	0.008	0.008	64	54.81	0.000	0.000	0.009	0.009	41
31							81.37	0.000	0.000	0.008	0.008	56	52.63	0.000	0.000	0.009	0.009	40
Ten Daily Mean																		
Ten Daily I	14.19	0.000	0.000	0.010	0.010	13	102.6	0.000	0.000	0.009	0.009	82	79.56	0.000	0.000	0.010	0.010	72
Ten Daily II	53.41	0.001	0.001	0.028	0.029	392	215.8	0.000	0.006	0.023	0.029	601	151.9	0.000	0.002	0.016	0.017	239
Ten Daily III	524.6	0.003	0.005	0.069	0.077	3379	166.9	0.000	0.001	0.009	0.009	144	73.30	0.000	0.000	0.008	0.008	53
Monthly																		
Total						37840						8414						3698

Annual Sediment Load (Metric Tonnes) : 57072

Daily Observed Sediment Datasheet for period : 2015-2016

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	50.62	0.000	0.000	0.007	0.007	28	101.7	0.000	0.000	0.010	0.010	85	30.11	0.000	0.000	0.008	0.008	21
2	49.07	0.000	0.000	0.006	0.006	25	76.33	0.000	0.000	0.009	0.009	61	83.29	0.000	0.000	0.011	0.011	79
3	44.07	0.000	0.000	0.008	0.008	30	55.27	0.000	0.000	0.009	0.009	43	41.86	0.000	0.000	0.010	0.010	37
4	42.39	0.000	0.000	0.008	0.008	28	46.91	0.000	0.000	0.008	0.008	34	57.53	0.000	0.000	0.011	0.011	54
5	50.49	0.000	0.000	0.009	0.009	40	48.16	0.000	0.000	0.009	0.009	35	74.32	0.000	0.000	0.012	0.012	75
6	84.72	0.000	0.000	0.044	0.044	319	101.4	0.000	0.000	0.010	0.010	86	46.21	0.000	0.000	0.011	0.011	42
7	69.16	0.000	0.000	0.028	0.028	167	87.59	0.000	0.000	0.009	0.009	69	36.75	0.000	0.000	0.009	0.009	30
8	208.2	0.000	0.015	0.070	0.084	1518	95.36	0.000	0.000	0.010	0.010	82	30.11	0.000	0.000	0.009	0.009	24
9	131.5	0.000	0.000	0.028	0.028	317	96.72	0.000	0.000	0.009	0.009	72	25.70	0.000	0.000	0.009	0.009	21
10	89.40	0.000	0.000	0.011	0.011	83	135.1	0.000	0.004	0.011	0.014	168	27.50	0.000	0.000	0.006	0.006	14
11	76.75	0.000	0.000	0.010	0.010	65	101.1	0.000	0.001	0.010	0.011	94	26.18	0.000	0.000	0.008	0.008	19
12	60.33	0.000	0.000	0.008	0.008	42	81.26	0.000	0.000	0.009	0.009	61	34.39	0.000	0.000	0.009	0.009	26
13	57.17	0.000	0.000	0.008	0.008	40	64.12	0.000	0.000	0.008	0.008	44	41.87	0.000	0.000	0.009	0.009	33
14	47.68	0.000	0.000	0.008	0.008	34	86.95	0.000	0.000	0.008	0.008	56	58.00	0.000	0.000	0.012	0.012	58
15	46.45	0.000	0.000	0.008	0.008	31	53.48	0.000	0.000	0.009	0.009	39	33.28	0.000	0.000	0.009	0.009	25
16	82.69	0.000	0.000	0.018	0.018	128	47.94	0.000	0.000	0.009	0.009	36	32.33	0.000	0.000	0.009	0.009	24
17	71.63	0.000	0.000	0.015	0.015	90	39.19	0.000	0.000	0.008	0.008	28	27.71	0.000	0.000	0.009	0.009	21
18	55.59	0.000	0.000	0.012	0.012	59	39.57	0.000	0.000	0.008	0.008	28	26.91	0.000	0.000	0.009	0.009	21
19	58.93	0.000	0.000	0.010	0.010	51	40.36	0.000	0.000	0.008	0.008	29	24.11	0.000	0.000	0.008	0.008	16
20	48.00	0.000	0.000	0.005	0.005	22	37.62	0.000	0.000	0.009	0.009	28	39.26	0.000	0.000	0.009	0.009	30
21	57.99	0.000	0.000	0.010	0.010	48	36.75	0.000	0.000	0.008	0.008	27	34.42	0.000	0.000	0.009	0.009	26
22	46.20	0.000	0.000	0.013	0.013	51	35.69	0.000	0.000	0.008	0.008	26	27.92	0.000	0.000	0.009	0.009	21
23	43.31	0.000	0.000	0.009	0.009	35	31.00	0.000	0.000	0.009	0.009	23	23.81	0.000	0.000	0.008	0.008	17
24	37.59	0.000	0.000	0.011	0.011	34	29.22	0.000	0.000	0.009	0.009	22	40.98	0.000	0.000	0.008	0.008	28
25	47.38	0.000	0.000	0.009	0.009	35	27.50	0.000	0.000	0.009	0.009	21	63.28	0.000	0.000	0.007	0.007	39
26	42.66	0.000	0.000	0.010	0.010	36	23.89	0.000	0.000	0.009	0.009	19	34.34	0.000	0.000	0.008	0.008	24
27	38.58	0.000	0.000	0.009	0.009	30	23.49	0.000	0.000	0.009	0.009	18	23.99	0.000	0.000	0.008	0.008	17
28	119.5	0.000	0.004	0.022	0.025	259	25.45	0.000	0.000	0.009	0.009	21	28.48	0.000	0.000	0.008	0.008	20
29	138.3	0.000	0.004	0.017	0.020	243	50.05	0.000	0.000	0.009	0.009	38	30.11	0.000	0.000	0.008	0.008	22
30	59.22	0.000	0.000	0.011	0.011	54	46.74	0.000	0.000	0.009	0.009	35	23.61	0.000	0.000	0.008	0.008	17
31							36.77	0.000	0.000	0.009	0.009	27						
Ten Daily Mean																		
Ten Daily I	81.96	0.000	0.001	0.022	0.023	256	84.45	0.000	0.000	0.009	0.010	73	45.34	0.000	0.000	0.010	0.010	40
Ten Daily II	60.52	0.000	0.000	0.010	0.010	56	59.16	0.000	0.000	0.008	0.009	44	34.40	0.000	0.000	0.009	0.009	27
Ten Daily III	63.07	0.000	0.001	0.012	0.013	83	33.32	0.000	0.000	0.009	0.009	25	33.10	0.000	0.000	0.008	0.008	23
Monthly																		
Total						3943						1455						899

Annual Sediment Load (Metric Tonnes) : 57072

Daily Observed Sediment Datasheet for period : 2015-2016

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	23.88	0.000	0.000	0.008	0.008	16	10.49	0.000	0.000	0.008	0.008	7	9.215	0.000	0.000	0.007	0.007	5
2	23.38	0.000	0.000	0.008	0.008	17	10.48	0.000	0.000	0.008	0.008	7	9.191	0.000	0.000	0.007	0.007	5
3	23.60	0.000	0.000	0.009	0.009	17	11.54	0.000	0.000	0.013	0.013	13	7.345	0.000	0.000	0.007	0.007	4
4	22.58	0.000	0.000	0.008	0.008	16	10.39	0.000	0.000	0.008	0.008	7	8.078	0.000	0.000	0.007	0.007	5
5	17.94	0.000	0.000	0.008	0.008	13	10.20	0.000	0.000	0.007	0.007	7	7.349	0.000	0.000	0.007	0.007	4
6	18.73	0.000	0.000	0.007	0.007	12	10.36	0.000	0.000	0.007	0.007	7	7.318	0.000	0.000	0.007	0.007	4
7	18.44	0.000	0.000	0.008	0.008	13	10.26	0.000	0.000	0.007	0.007	6	7.365	0.000	0.000	0.007	0.007	4
8	18.32	0.000	0.000	0.008	0.008	13	10.27	0.000	0.000	0.007	0.007	6	9.350	0.000	0.000	0.007	0.007	5
9	17.83	0.000	0.000	0.008	0.008	12	10.28	0.000	0.000	0.007	0.007	6	9.188	0.000	0.000	0.006	0.006	5
10	16.32	0.000	0.000	0.009	0.009	12	11.10	0.000	0.000	0.008	0.008	8	8.116	0.000	0.000	0.005	0.005	4
11	16.09	0.000	0.000	0.009	0.009	12	10.26	0.000	0.000	0.007	0.007	6	8.033	0.000	0.000	0.005	0.005	4
12	15.97	0.000	0.000	0.009	0.009	12	10.04	0.000	0.000	0.007	0.007	6	8.047	0.000	0.000	0.005	0.005	4
13	29.32	0.000	0.000	0.008	0.008	21	10.01	0.000	0.000	0.007	0.007	6	7.829	0.000	0.000	0.005	0.005	3
14	20.05	0.000	0.000	0.008	0.008	15	9.971	0.000	0.000	0.007	0.007	6	7.020	0.000	0.000	0.004	0.004	3
15	18.18	0.000	0.000	0.008	0.008	13	10.02	0.000	0.000	0.007	0.007	6	7.048	0.000	0.000	0.004	0.004	3
16	19.80	0.000	0.000	0.008	0.008	14	9.953	0.000	0.000	0.007	0.007	6	8.082	0.000	0.000	0.004	0.004	3
17	18.39	0.000	0.000	0.008	0.008	13	10.24	0.000	0.000	0.007	0.007	6	7.444	0.000	0.000	0.004	0.004	3
18	16.14	0.000	0.000	0.009	0.009	12	9.970	0.000	0.000	0.007	0.007	6	7.285	0.000	0.000	0.004	0.004	3
19	15.79	0.000	0.000	0.008	0.008	11	9.819	0.000	0.000	0.007	0.007	6	6.386	0.000	0.000	0.005	0.005	3
20	15.94	0.000	0.000	0.008	0.008	11	9.907	0.000	0.000	0.007	0.007	6	6.476	0.000	0.000	0.005	0.005	3
21	14.66	0.000	0.000	0.009	0.009	11	10.08	0.000	0.000	0.007	0.007	6	5.580	0.000	0.000	0.005	0.005	3
22	14.44	0.000	0.000	0.008	0.008	10	10.11	0.000	0.000	0.007	0.007	6	6.449	0.000	0.000	0.005	0.005	3
23	13.40	0.000	0.000	0.008	0.008	9	10.01	0.000	0.000	0.007	0.007	6	6.240	0.000	0.000	0.005	0.005	3
24	13.89	0.000	0.000	0.008	0.008	9	10.67	0.000	0.000	0.007	0.007	6	6.236	0.000	0.000	0.005	0.005	3
25	13.65	0.000	0.000	0.008	0.008	9	9.860	0.000	0.000	0.007	0.007	6	5.869	0.000	0.000	0.005	0.005	3
26	13.94	0.000	0.000	0.008	0.008	9	10.67	0.000	0.000	0.007	0.007	6	5.825	0.000	0.000	0.005	0.005	3
27	12.92	0.000	0.000	0.008	0.008	8	9.815	0.000	0.000	0.007	0.007	6	6.398	0.000	0.000	0.005	0.005	3
28	12.28	0.000	0.000	0.008	0.008	8	9.455	0.000	0.000	0.007	0.007	5	5.885	0.000	0.000	0.005	0.005	3
29	12.32	0.000	0.000	0.008	0.008	8	9.457	0.000	0.000	0.007	0.007	5	6.106	0.000	0.000	0.005	0.005	2
30	10.57	0.000	0.000	0.008	0.008	7	9.320	0.000	0.000	0.007	0.007	5						
31	10.56	0.000	0.000	0.008	0.008	7	8.643	0.000	0.000	0.007	0.007	5						
Ten Daily Mean																		
Ten Daily I	20.10	0.000	0.000	0.008	0.008	14	10.54	0.000	0.000	0.008	0.008	7	8.251	0.000	0.000	0.006	0.006	5
Ten Daily II	18.57	0.000	0.000	0.008	0.008	13	10.02	0.000	0.000	0.007	0.007	6	7.365	0.000	0.000	0.005	0.005	3
Ten Daily III	12.97	0.000	0.000	0.008	0.008	9	9.826	0.000	0.000	0.007	0.007	6	6.065	0.000	0.000	0.005	0.005	3
Monthly																		
Total						371						195						99

Annual Sediment Load (Metric Tonnes) : 57072

Daily Observed Sediment Datasheet for period : 2015-2016

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	6.377	0.000	0.000	0.005	0.005	3	2.544	0.000	0.000	0.004	0.004	1	1.145	0.000	0.000	0.006	0.006	1
2	5.914	0.000	0.000	0.005	0.005	3	2.575	0.000	0.000	0.004	0.004	1	1.083	0.000	0.000	0.005	0.005	0
3	5.871	0.000	0.000	0.005	0.005	3	2.406	0.000	0.000	0.004	0.004	1	0.996	0.000	0.000	0.005	0.005	0
4	5.615	0.000	0.000	0.005	0.005	2	3.429	0.000	0.000	0.006	0.006	2	1.154	0.000	0.000	0.005	0.005	1
5	5.399	0.000	0.000	0.005	0.005	2	2.694	0.000	0.000	0.006	0.006	1	1.246	0.000	0.000	0.005	0.005	1
6	4.718	0.000	0.000	0.005	0.005	2	2.578	0.000	0.000	0.006	0.006	1	7.147	0.000	0.000	0.003	0.003	2
7	4.718	0.000	0.000	0.005	0.005	2	2.258	0.000	0.000	0.007	0.007	1	7.691	0.000	0.000	0.003	0.003	2
8	5.393	0.000	0.000	0.005	0.005	2	2.269	0.000	0.000	0.007	0.007	1	5.885	0.000	0.000	0.004	0.004	2
9	5.192	0.000	0.000	0.005	0.005	2	2.057	0.000	0.000	0.007	0.007	1	6.663	0.000	0.000	0.004	0.004	2
10	3.644	0.000	0.000	0.006	0.006	2	2.220	0.000	0.000	0.007	0.007	1	7.724	0.000	0.000	0.004	0.004	2
11	3.576	0.000	0.000	0.006	0.006	2	2.358	0.000	0.000	0.007	0.007	1	6.350	0.000	0.000	0.004	0.004	2
12	3.425	0.000	0.000	0.006	0.006	2	2.344	0.000	0.000	0.007	0.007	1	6.286	0.000	0.000	0.004	0.004	2
13	3.230	0.000	0.000	0.006	0.006	2	2.264	0.000	0.000	0.007	0.007	1	9.470	0.000	0.000	0.004	0.004	3
14	3.562	0.000	0.000	0.006	0.006	2	2.406	0.000	0.000	0.007	0.007	1	8.917	0.000	0.000	0.004	0.004	3
15	2.912	0.000	0.000	0.005	0.005	1	2.178	0.000	0.000	0.007	0.007	1	7.192	0.000	0.000	0.004	0.004	2
16	2.920	0.000	0.000	0.005	0.005	1	2.072	0.000	0.000	0.007	0.007	1	6.851	0.000	0.000	0.004	0.004	2
17	3.658	0.000	0.000	0.006	0.006	2	2.406	0.000	0.000	0.007	0.007	1	6.594	0.000	0.000	0.004	0.004	2
18	3.448	0.000	0.000	0.006	0.006	2	2.247	0.000	0.000	0.007	0.007	1	6.851	0.000	0.000	0.004	0.004	2
19	3.043	0.000	0.000	0.005	0.005	1	2.254	0.000	0.000	0.066	0.066	13	6.863	0.000	0.000	0.004	0.004	2
20	3.012	0.000	0.000	0.005	0.005	1	2.406	0.000	0.000	0.007	0.007	1	6.008	0.000	0.000	0.004	0.004	2
21	2.432	0.000	0.000	0.004	0.004	1	2.163	0.000	0.000	0.007	0.007	1	6.851	0.000	0.000	0.004	0.004	2
22	2.454	0.000	0.000	0.004	0.004	1	2.147	0.000	0.000	0.007	0.007	1	5.885	0.000	0.000	0.004	0.004	2
23	2.414	0.000	0.000	0.006	0.006	1	2.134	0.000	0.000	0.007	0.007	1	5.790	0.000	0.000	0.004	0.004	2
24	3.669	0.000	0.000	0.006	0.006	2	2.220	0.000	0.000	0.007	0.007	1	5.416	0.000	0.000	0.004	0.004	2
25	3.692	0.000	0.000	0.006	0.006	2	1.178	0.000	0.000	0.006	0.006	1	5.149	0.000	0.000	0.004	0.004	2
26	3.545	0.000	0.000	0.006	0.006	2	1.214	0.000	0.000	0.006	0.006	1	9.220	0.000	0.000	0.004	0.004	3
27	3.457	0.000	0.000	0.004	0.004	1	1.211	0.000	0.000	0.006	0.006	1	9.189	0.000	0.000	0.004	0.004	3
28	2.665	0.000	0.000	0.004	0.004	1	1.208	0.000	0.000	0.006	0.006	1	9.191	0.000	0.000	0.004	0.004	3
29	2.512	0.000	0.000	0.004	0.004	1	1.171	0.000	0.000	0.006	0.006	1	10.67	0.000	0.000	0.004	0.004	3
30	2.055	0.000	0.000	0.004	0.004	1	1.167	0.000	0.000	0.006	0.006	1	8.835	0.000	0.000	0.006	0.006	5
31	2.067	0.000	0.000	0.004	0.004	1							7.009	0.000	0.000	0.006	0.006	4
Ten Daily Mean																		
Ten Daily I	5.284	0.000	0.000	0.005	0.005	2	2.503	0.000	0.000	0.006	0.006	1	4.073	0.000	0.000	0.004	0.004	1
Ten Daily II	3.279	0.000	0.000	0.005	0.005	2	2.293	0.000	0.000	0.013	0.013	2	7.138	0.000	0.000	0.004	0.004	2
Ten Daily III	2.815	0.000	0.000	0.005	0.005	1	1.581	0.000	0.000	0.006	0.006	1	7.564	0.000	0.000	0.004	0.004	3
Monthly																		
Total						51						45						63

Annual Sediment Load (Metric Tonnes) : 57072

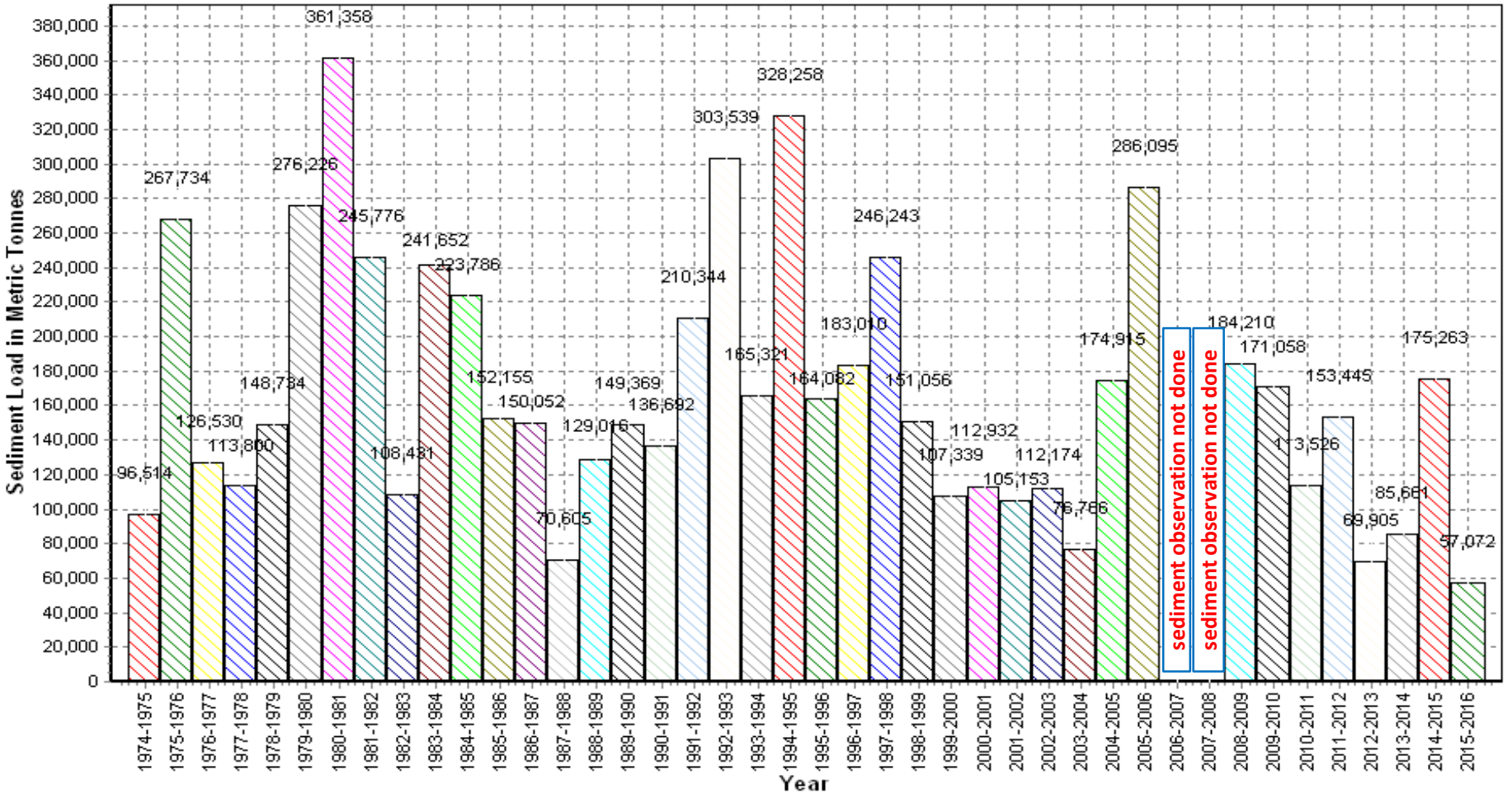
Annual Sediment Load for the period: 1974-2016

Station Name : MUTHANKERA (CCP00T8)

Local River : Kabini

Division : SWR Division, Cochin

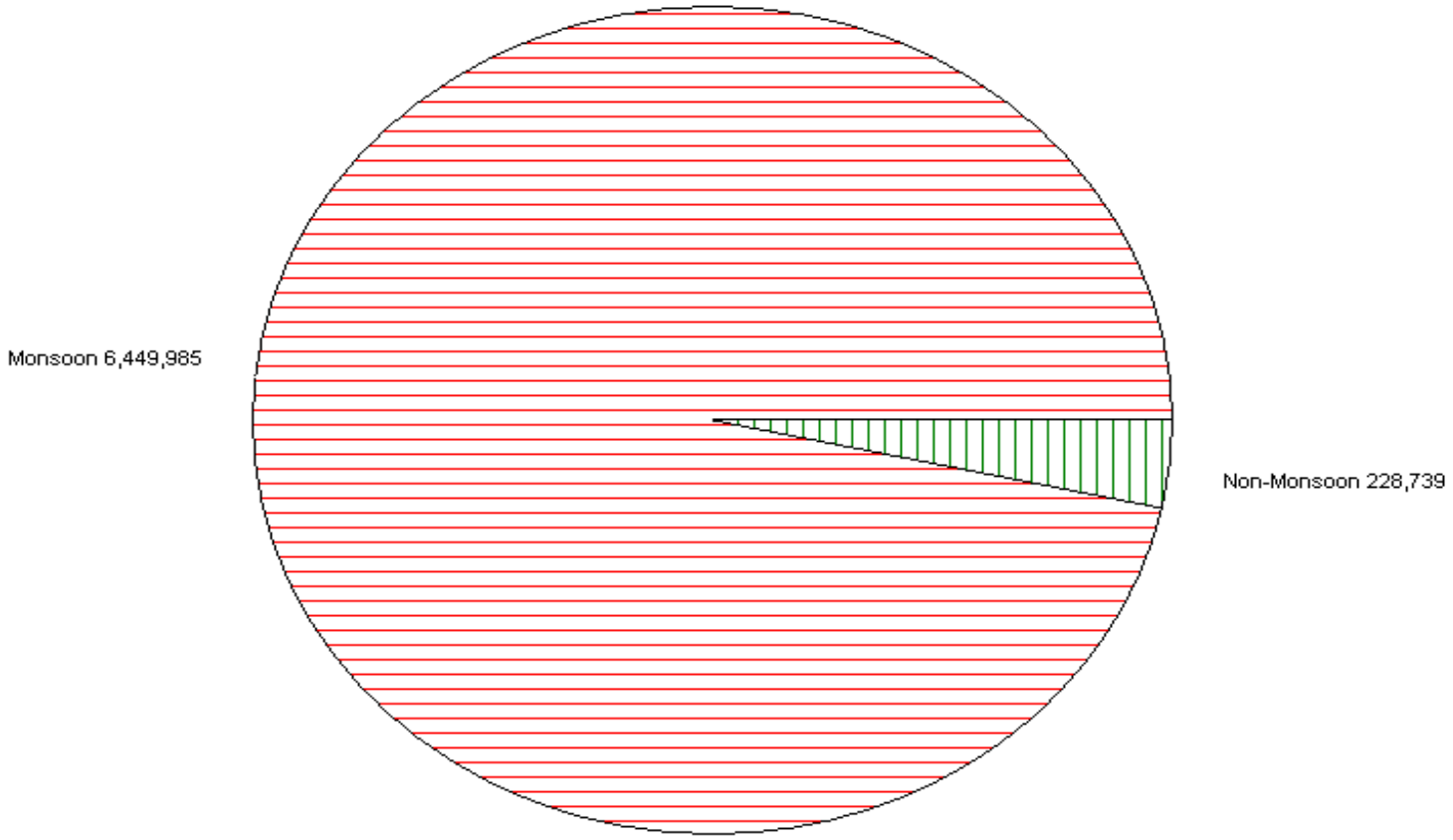
Sub-Division : Chaliyar SD, Calicut



Seasonal Sediment Load for the period : 1974-2015

Station Name : MUTHANKERA (CCP00T8)
Local River : Kabini

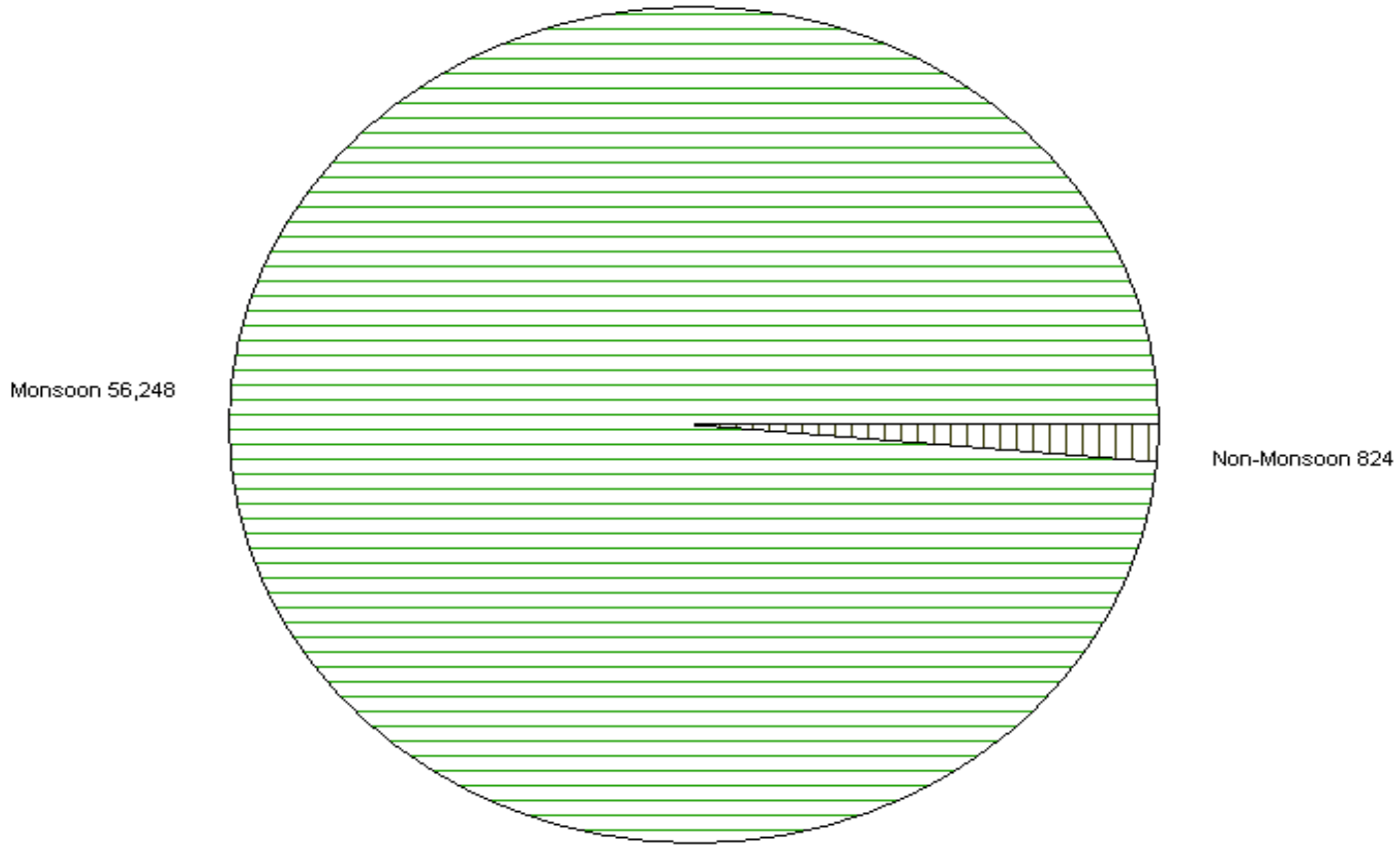
Division : SWR Division, Cochin
Sub-Division : Chaliyar SD, Calicut



Seasonal Sediment Load for the Year: 2015-2016

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 : *Muthankera* **CROSS SECTION :** *SGL*

SL. NO.	DATA FOR SAMPLE COLLECTED										GENERAL DATA OF THE YEAR						
	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)	HYDRAULIC 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 2015									**DATE OF COLLECTION**		**09.09.2015**						
1	35	-	706.110	708.550	2.44	35	0.701	8.8320	22.0	3.51							
2	65	-	705.680	708.550	2.87	30	0.667	9.9050	18.0	3.03	83.50	2.7063	0.59706	0.00020	132.5	22.0	3.77
3	90	-	705.520	708.550	3.03	25	0.254	3.9751	20.0	4.78							
POSTMONSOON 2015									**DATE OF COLLECTION**		**29.12.2015**						
1	35	-	706.010	707.570	1.56	35	0.115	0.8970	6.00	2.34							
2	65	-	705.840	707.570	1.73	30	0.113	0.9775	22.0	3.64	78.97	1.6827	0.09279	0.00010	12.33	22.0	3.34
3	90	-	705.570	707.570	2.00	25	Nil	Nil	18.0	4.05							
PREMONSOON 2016									**DATE OF COLLECTION**		**26.04.2016**						
1	35	-	706.110	707.180	1.07	35	Nil	Nil	24.0	3.20							
2	65	-	705.900	707.180	1.28	30	Nil	Nil	15.0	1.98	78.01	1.2645	0.01228	0.01500	1.203	24.0	3.42
3	90	-	705.640	707.180	1.54	25	Nil	Nil	20.0	5.08							

Annual Sediment Load for period : 2013-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	5.982	0.000	0.000	0.054	0.054	28	1.663	0.000	0.000	0.021	0.021	3	2.642	0.000	0.000	0.018	0.018	4
2	6.003	0.000	0.000	0.030	0.030	15	1.275	0.000	0.000	0.020	0.020	2	1.912	0.000	0.000	0.013	0.013	2
3	3.556	0.000	0.000	0.030	0.030	9	2.578	0.000	0.000	0.029	0.029	6	6.682	0.000	0.000	0.015	0.015	9
4	4.204	0.000	0.000	0.034	0.034	12	2.116	0.000	0.000	0.023	0.023	4	3.241	0.000	0.000	0.012	0.012	3
5	3.768	0.000	0.000	0.021	0.021	7	2.773	0.000	0.000	0.030	0.030	7	20.48	0.000	0.000	0.022	0.022	38
6	3.987	0.000	0.000	0.017	0.017	6	2.603	0.000	0.000	0.028	0.028	6	3.913	0.000	0.000	0.017	0.017	6
7	3.322	0.000	0.000	0.014	0.014	4	2.671	0.000	0.000	0.024	0.024	6	5.452	0.000	0.000	0.022	0.022	10
8	3.134	0.000	0.000	0.030	0.030	8	2.582	0.000	0.000	0.025	0.025	6	4.551	0.000	0.000	0.023	0.023	9
9	3.522	0.000	0.000	0.017	0.017	5	2.342	0.000	0.000	0.034	0.034	7	4.151	0.000	0.000	0.021	0.021	7
10	4.179	0.000	0.000	0.024	0.024	9	1.112	0.000	0.000	0.020	0.020	2	3.600	0.000	0.000	0.026	0.026	8
11	2.772	0.000	0.000	0.024	0.024	6	1.447	0.000	0.000	0.018	0.018	2	3.886	0.000	0.000	0.029	0.029	10
12	3.397	0.000	0.000	0.022	0.022	6	1.408	0.000	0.000	0.018	0.018	2	16.97	0.000	0.000	0.030	0.030	44
13	28.59	0.000	0.000	0.032	0.032	80	1.102	0.000	0.000	0.015	0.015	1	25.05	0.000	0.000	0.027	0.027	57
14	3.042	0.000	0.000	0.030	0.030	8	0.846	0.000	0.000	0.021	0.021	2	92.35	0.000	0.000	0.023	0.023	180
15	2.405	0.000	0.000	0.024	0.024	5	0.870	0.000	0.000	0.007	0.007	1	85.08	0.000	0.000	0.021	0.021	153
16	10.28	0.000	0.000	0.024	0.024	21	1.414	0.000	0.000	0.019	0.019	2	92.56	0.000	0.000	0.023	0.023	181
17	2.442	0.000	0.000	0.010	0.010	2	2.068	0.000	0.000	0.017	0.017	3	126.4	0.000	0.000	0.055	0.055	600
18	13.81	0.000	0.000	0.024	0.024	28	2.130	0.000	0.000	0.018	0.018	3	109.8	0.000	0.000	0.022	0.022	206
19	2.649	0.000	0.000	0.021	0.021	5	1.912	0.000	0.000	0.016	0.016	3	113.8	0.000	0.000	0.016	0.016	154
20	2.978	0.000	0.000	0.026	0.026	7	2.848	0.000	0.000	0.013	0.013	3	115.7	0.000	0.000	0.042	0.042	419
21	2.269	0.000	0.000	0.019	0.019	4	2.594	0.000	0.000	0.019	0.019	4	110.7	0.000	0.000	0.033	0.033	318
22	2.916	0.000	0.000	0.020	0.020	5	2.218	0.000	0.000	0.020	0.020	4	101.0	0.000	0.000	0.050	0.050	438
23	2.547	0.000	0.000	0.017	0.017	4	3.427	0.000	0.000	0.019	0.019	6	116.9	0.000	0.000	0.058	0.058	586
24	2.796	0.000	0.000	0.027	0.027	7	2.122	0.000	0.000	0.022	0.022	4	49.15	0.000	0.000	0.047	0.047	197
25	1.940	0.000	0.000	0.033	0.033	5	1.995	0.000	0.000	0.028	0.028	5	159.2	0.000	0.000	0.049	0.049	678
26	3.565	0.000	0.000	0.020	0.020	6	1.510	0.000	0.000	0.021	0.021	3	136.6	0.000	0.000	0.054	0.054	631
27	1.642	0.000	0.000	0.022	0.022	3	1.628	0.000	0.000	0.024	0.024	3	131.9	0.000	0.000	0.052	0.052	597
28	2.515	0.000	0.000	0.034	0.034	7	1.267	0.000	0.000	0.022	0.022	2	138.3	0.000	0.000	0.051	0.051	614
29	1.096	0.000	0.000	0.022	0.022	2	1.646	0.000	0.000	0.020	0.020	3	38.00	0.000	0.000	0.062	0.062	203
30	1.753	0.000	0.000	0.019	0.019	3	1.365	0.000	0.000	0.020	0.020	2	42.52	0.000	0.000	0.069	0.069	254
31							1.555	0.000	0.000	0.027	0.027	4	25.94	0.000	0.000	0.052	0.052	117
Ten Daily Mean																		
Ten Daily I	4.166	0.000	0.000	0.027	0.027	10	2.172	0.000	0.000	0.025	0.025	5	5.662	0.000	0.000	0.019	0.019	10
Ten Daily II	7.237	0.000	0.000	0.024	0.024	17	1.604	0.000	0.000	0.016	0.016	2	78.15	0.000	0.000	0.029	0.029	200
Ten Daily III	2.304	0.000	0.000	0.023	0.023	5	1.939	0.000	0.000	0.022	0.022	4	95.48	0.000	0.000	0.053	0.053	421
Monthly Total						318						111						6734

Annual Sediment Load (Metric Tonnes) : 19894

Daily Observed Sediment Datasheet for period : 2015-2016

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	5.634	0.000	0.000	0.046	0.046	22	68.07	0.000	0.000	0.039	0.039	228	21.73	0.000	0.000	0.036	0.036	67
2	5.929	0.000	0.000	0.053	0.053	27	41.58	0.000	0.000	0.024	0.024	85	51.86	0.000	0.000	0.023	0.023	104
3	5.705	0.000	0.000	0.047	0.047	23	44.59	0.000	0.000	0.030	0.030	117	140.0	0.000	0.000	0.026	0.026	316
4	7.467	0.000	0.000	0.068	0.068	44	33.01	0.000	0.000	0.022	0.022	64	118.1	0.000	0.000	0.032	0.032	331
5	12.55	0.000	0.000	0.049	0.049	53	47.54	0.000	0.000	0.030	0.030	124	115.5	0.000	0.000	0.035	0.035	349
6	45.51	0.000	0.000	0.056	0.056	221	141.1	0.000	0.000	0.052	0.052	639	97.42	0.000	0.000	0.038	0.038	316
7	38.36	0.000	0.000	0.048	0.048	157	61.54	0.000	0.002	0.059	0.061	324	54.46	0.000	0.000	0.037	0.037	173
8	45.94	0.000	0.000	0.067	0.067	266	52.94	0.000	0.001	0.058	0.059	268	29.87	0.000	0.000	0.063	0.063	162
9	28.12	0.000	0.000	0.055	0.055	134	34.30	0.000	0.000	0.049	0.049	145	18.08	0.000	0.000	0.038	0.038	59
10	28.19	0.000	0.000	0.058	0.058	140	22.94	0.000	0.000	0.053	0.053	104	30.64	0.000	0.000	0.021	0.021	56
11	16.78	0.000	0.000	0.048	0.048	69	24.29	0.000	0.000	0.056	0.056	117	32.61	0.000	0.000	0.020	0.020	56
12	13.55	0.000	0.000	0.056	0.056	65	20.38	0.000	0.000	0.051	0.051	90	37.22	0.000	0.000	0.019	0.019	59
13	11.16	0.000	0.000	0.046	0.046	44	34.70	0.000	0.000	0.048	0.048	144	34.18	0.000	0.000	0.018	0.018	53
14	13.43	0.000	0.000	0.049	0.049	57	24.72	0.000	0.000	0.056	0.056	119	26.12	0.000	0.000	0.020	0.020	46
15	10.69	0.000	0.000	0.045	0.045	42	21.59	0.000	0.000	0.047	0.047	87	21.73	0.000	0.000	0.017	0.017	32
16	22.29	0.000	0.000	0.043	0.043	82	18.24	0.000	0.000	0.047	0.047	75	23.99	0.000	0.000	0.014	0.014	30
17	0.114	0.000	0.000	0.003	0.003	0	9.481	0.000	0.000	0.032	0.032	26	23.35	0.000	0.000	0.021	0.021	43
18	72.74	0.000	0.000	0.048	0.048	300	20.36	0.000	0.000	0.045	0.045	79	18.69	0.000	0.000	0.020	0.020	32
19	79.98	0.000	0.000	0.045	0.045	310	16.93	0.000	0.000	0.038	0.038	55	17.59	0.000	0.000	0.016	0.016	24
20	73.86	0.000	0.000	0.041	0.041	264	15.30	0.000	0.000	0.027	0.027	36	9.347	0.000	0.000	0.022	0.022	18
21	87.99	0.000	0.000	0.039	0.039	298	20.36	0.000	0.000	0.016	0.016	29	18.55	0.000	0.000	0.021	0.021	34
22	77.73	0.000	0.000	0.032	0.032	215	13.43	0.000	0.000	0.011	0.011	13	12.77	0.000	0.000	0.015	0.015	17
23	90.17	0.000	0.000	0.035	0.035	272	19.12	0.000	0.000	0.019	0.019	31	13.25	0.000	0.000	0.016	0.016	18
24	54.89	0.000	0.000	0.037	0.037	177	18.52	0.000	0.000	0.018	0.018	29	16.28	0.000	0.000	0.021	0.021	29
25	89.30	0.000	0.000	0.039	0.039	297	15.05	0.000	0.000	0.017	0.017	22	6.075	0.000	0.000	0.018	0.018	9
26	155.0	0.000	0.000	0.040	0.040	530	13.26	0.000	0.000	0.015	0.015	17	5.392	0.000	0.000	0.020	0.020	9
27	154.2	0.000	0.000	0.053	0.053	706	5.392	0.000	0.000	0.016	0.016	7	6.505	0.000	0.000	0.023	0.023	13
28	141.8	0.000	0.000	0.053	0.053	649	5.392	0.000	0.000	0.016	0.016	7	5.793	0.000	0.000	0.037	0.037	18
29	47.51	0.000	0.000	0.042	0.042	172	20.96	0.000	0.000	0.014	0.014	25	24.81	0.000	0.000	0.033	0.033	71
30	34.41	0.000	0.000	0.058	0.058	171	24.02	0.000	0.000	0.025	0.025	51	19.53	0.000	0.000	0.026	0.026	44
31							17.65	0.000	0.000	0.029	0.029	45						
Ten Daily Mean																		
Ten Daily I	22.34	0.000	0.000	0.055	0.055	109	54.76	0.000	0.000	0.042	0.042	210	67.76	0.000	0.000	0.035	0.035	193
Ten Daily II	31.46	0.000	0.000	0.042	0.042	123	20.60	0.000	0.000	0.045	0.045	83	24.48	0.000	0.000	0.019	0.019	39
Ten Daily III	93.30	0.000	0.000	0.043	0.043	349	15.74	0.000	0.000	0.018	0.018	25	12.90	0.000	0.000	0.023	0.023	26
Monthly																		
Total						5810						3203						2589

Annual Sediment Load (Metric Tonnes) : 19894

Daily Observed Sediment Datasheet for period : 2015-2016

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	22.65	0.000	0.000	0.026	0.026	51	2.536	0.000	0.000	0.014	0.014	3	2.511	0.000	0.000	0.019	0.019	4
2	23.71	0.000	0.000	0.024	0.024	49	2.229	0.000	0.000	0.016	0.016	3	2.430	0.000	0.000	0.020	0.020	4
3	25.84	0.000	0.000	0.028	0.028	62	2.282	0.000	0.000	0.016	0.016	3	2.476	0.000	0.000	0.017	0.017	4
4	29.28	0.000	0.000	0.025	0.025	62	2.405	0.000	0.000	0.015	0.015	3	2.644	0.000	0.000	0.022	0.022	5
5	29.30	0.000	0.000	0.023	0.023	58	2.444	0.000	0.000	0.016	0.016	3	2.405	0.000	0.000	0.018	0.018	4
6	14.60	0.000	0.000	0.032	0.032	41	2.537	0.000	0.000	0.016	0.016	4	9.496	0.000	0.000	0.020	0.020	17
7	14.60	0.000	0.000	0.032	0.032	41	2.572	0.000	0.000	0.020	0.020	4	11.17	0.000	0.000	0.020	0.020	20
8	20.35	0.000	0.000	0.030	0.030	52	2.501	0.000	0.000	0.020	0.020	4	3.081	0.000	0.000	0.021	0.021	5
9	20.35	0.000	0.000	0.022	0.022	39	1.999	0.000	0.000	0.018	0.018	3	2.974	0.000	0.000	0.022	0.022	6
10	16.92	0.000	0.000	0.024	0.024	35	2.128	0.000	0.000	0.019	0.019	3	3.805	0.000	0.000	0.020	0.020	7
11	20.41	0.000	0.000	0.019	0.019	34	2.177	0.000	0.000	0.011	0.011	2	3.327	0.000	0.000	0.018	0.018	5
12	17.55	0.000	0.000	0.020	0.020	31	1.963	0.000	0.000	0.018	0.018	3	3.208	0.000	0.000	0.017	0.017	5
13	18.13	0.000	0.000	0.020	0.020	31	2.033	0.000	0.000	0.016	0.016	3	3.761	0.000	0.000	0.023	0.023	7
14	18.79	0.000	0.000	0.020	0.020	33	1.573	0.000	0.000	0.018	0.018	2	2.240	0.000	0.000	0.022	0.022	4
15	23.91	0.000	0.000	0.018	0.018	36	1.573	0.000	0.000	0.018	0.018	2	1.854	0.000	0.000	0.019	0.019	3
16	16.90	0.000	0.000	0.019	0.019	27	1.399	0.000	0.000	0.008	0.008	1	2.522	0.000	0.000	0.017	0.017	4
17	5.731	0.000	0.000	0.022	0.022	11	1.449	0.000	0.000	0.008	0.008	1	2.513	0.000	0.000	0.018	0.018	4
18	3.960	0.000	0.000	0.021	0.021	7	1.381	0.000	0.000	0.014	0.014	2	1.400	0.000	0.000	0.014	0.014	2
19	4.574	0.000	0.000	0.022	0.022	9	1.503	0.000	0.000	0.010	0.010	1	1.188	0.000	0.000	0.019	0.019	2
20	4.047	0.000	0.000	0.015	0.015	5	1.347	0.000	0.000	0.009	0.009	1	1.968	0.000	0.000	0.014	0.014	2
21	4.378	0.000	0.000	0.016	0.016	6	1.362	0.000	0.000	0.013	0.013	1	1.787	0.000	0.000	0.015	0.015	2
22	3.614	0.000	0.000	0.021	0.021	7	1.357	0.000	0.000	0.017	0.017	2	1.698	0.000	0.000	0.014	0.014	2
23	3.653	0.000	0.000	0.017	0.017	5	2.742	0.000	0.000	0.018	0.018	4	3.062	0.000	0.000	0.018	0.018	5
24	3.808	0.000	0.000	0.018	0.018	6	2.931	0.000	0.000	0.020	0.020	5	2.378	0.000	0.000	0.019	0.019	4
25	4.547	0.000	0.000	0.021	0.021	8	2.961	0.000	0.000	0.020	0.020	5	2.092	0.000	0.000	0.014	0.014	3
26	3.869	0.000	0.000	0.013	0.013	4	2.931	0.000	0.000	0.020	0.020	5	2.382	0.000	0.000	0.017	0.017	4
27	19.19	0.000	0.000	0.017	0.017	29	2.510	0.000	0.000	0.017	0.017	4	2.108	0.000	0.000	0.014	0.014	3
28	15.49	0.000	0.000	0.014	0.014	19	2.727	0.000	0.000	0.020	0.020	5	2.084	0.000	0.000	0.014	0.014	2
29	15.47	0.000	0.000	0.007	0.007	10	2.547	0.000	0.000	0.019	0.019	4	2.166	0.000	0.000	0.015	0.015	3
30	8.429	0.000	0.000	0.017	0.017	13	2.614	0.000	0.000	0.026	0.026	6						
31	2.282	0.000	0.000	0.014	0.014	3	2.542	0.000	0.000	0.019	0.019	4						
Ten Daily Mean																		
Ten Daily I	21.76	0.000	0.000	0.027	0.027	49	2.363	0.000	0.000	0.017	0.017	3	4.299	0.000	0.000	0.020	0.020	7
Ten Daily II	13.40	0.000	0.000	0.020	0.020	22	1.640	0.000	0.000	0.013	0.013	2	2.398	0.000	0.000	0.018	0.018	4
Ten Daily III	7.702	0.000	0.000	0.016	0.016	10	2.475	0.000	0.000	0.019	0.019	4	2.195	0.000	0.000	0.015	0.015	3
Monthly Total						823						99						140

Annual Sediment Load (Metric Tonnes) : 19894

Daily Observed Sediment Datasheet for period : 2015-2016

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	2.112	0.000	0.000	0.012	0.012	2	0.809	0.000	0.000	0.022	0.022	2	0.020	0.000	0.000	0.001	0.001	0
2	1.357	0.000	0.000	0.010	0.010	1	1.454	0.000	0.000	0.012	0.012	1	0.020	0.000	0.000	0.001	0.001	0
3	1.351	0.000	0.000	0.011	0.011	1	1.128	0.000	0.000	0.009	0.009	1	0.020	0.000	0.000	0.001	0.001	0
4	1.289	0.000	0.000	0.013	0.013	1	0.577	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
5	1.641	0.000	0.000	0.009	0.009	1	0.597	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
6	1.787	0.000	0.000	0.010	0.010	2	0.617	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000	0.000	0
7	1.643	0.000	0.000	0.017	0.017	2	0.741	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
8	1.836	0.000	0.000	0.016	0.016	3	1.011	0.000	0.000	0.008	0.008	1	0.000	0.000	0.000	0.000	0.000	0
9	1.343	0.000	0.000	0.019	0.019	2	1.228	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0
10	1.366	0.000	0.000	0.018	0.018	2	1.250	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0
11	2.221	0.000	0.000	0.017	0.017	3	1.258	0.000	0.000	0.010	0.010	1	0.000	0.000	0.000	0.000	0.000	0
12	0.743	0.000	0.000	0.016	0.016	1	1.333	0.000	0.000	0.011	0.011	1	0.000	0.000	0.000	0.000	0.000	0
13	1.011	0.000	0.000	0.022	0.022	2	0.782	0.000	0.000	0.006	0.006	0	0.000	0.000	0.000	0.000	0.000	0
14	0.753	0.000	0.000	0.019	0.019	1	0.509	0.000	0.000	0.004	0.004	0	0.711	0.000	0.000	0.006	0.006	0
15	0.722	0.000	0.000	0.017	0.017	1	0.806	0.000	0.000	0.006	0.006	0	0.868	0.000	0.000	0.007	0.007	1
16	0.698	0.000	0.000	0.017	0.017	1	0.341	0.000	0.000	0.003	0.003	0	1.227	0.000	0.000	0.010	0.010	1
17	0.805	0.000	0.000	0.022	0.022	1	0.349	0.000	0.000	0.003	0.003	0	0.686	0.000	0.000	0.005	0.005	0
18	0.507	0.000	0.000	0.015	0.015	1	0.359	0.000	0.000	0.003	0.003	0	0.642	0.000	0.000	0.005	0.005	0
19	0.518	0.000	0.000	0.019	0.019	1	0.349	0.000	0.000	0.003	0.003	0	1.983	0.000	0.000	0.016	0.016	3
20	0.426	0.000	0.000	0.016	0.016	1	0.361	0.000	0.000	0.003	0.003	0	2.073	0.000	0.000	0.016	0.016	3
21	0.521	0.000	0.000	0.022	0.022	1	0.278	0.000	0.000	0.002	0.002	0	1.419	0.000	0.000	0.011	0.011	1
22	0.471	0.000	0.000	0.026	0.026	1	0.064	0.000	0.000	0.000	0.000	0	0.868	0.000	0.000	0.007	0.007	1
23	0.474	0.000	0.000	0.023	0.023	1	0.066	0.000	0.000	0.001	0.001	0	0.912	0.000	0.000	0.007	0.007	1
24	0.539	0.000	0.000	0.018	0.018	1	0.020	0.000	0.000	0.000	0.000	0	0.935	0.000	0.000	0.007	0.007	1
25	0.426	0.000	0.000	0.018	0.018	1	0.069	0.000	0.000	0.000	0.000	0	0.690	0.000	0.000	0.005	0.005	0
26	0.349	0.000	0.000	0.017	0.017	1	0.066	0.000	0.000	0.000	0.000	0	0.538	0.000	0.000	0.004	0.004	0
27	0.278	0.000	0.000	0.013	0.013	0	0.192	0.000	0.000	0.001	0.001	0	0.364	0.000	0.000	0.003	0.003	0
28	0.324	0.000	0.000	0.015	0.015	0	0.133	0.000	0.000	0.001	0.001	0	1.282	0.000	0.000	0.010	0.010	1
29	0.349	0.000	0.000	0.024	0.024	1	0.133	0.000	0.000	0.001	0.001	0	1.419	0.000	0.000	0.011	0.011	1
30	0.592	0.000	0.000	0.019	0.019	1	0.066	0.000	0.000	0.000	0.000	0	0.348	0.000	0.000	0.003	0.003	0
31	0.855	0.000	0.000	0.027	0.027	2							0.454	0.000	0.000	0.004	0.004	0
Ten Daily Mean																		
Ten Daily I	1.573	0.000	0.000	0.013	0.013	2	0.941	0.000	0.000	0.009	0.009	1	0.006	0.000	0.000	0.000	0.000	0
Ten Daily II	0.841	0.000	0.000	0.018	0.018	1	0.645	0.000	0.000	0.005	0.005	0	0.819	0.000	0.000	0.006	0.006	1
Ten Daily III	0.471	0.000	0.000	0.020	0.020	1	0.109	0.000	0.000	0.001	0.001	0	0.839	0.000	0.000	0.007	0.007	1
Monthly																		
Total						41						12						14

Annual Sediment Load (Metric Tonnes) : 19894

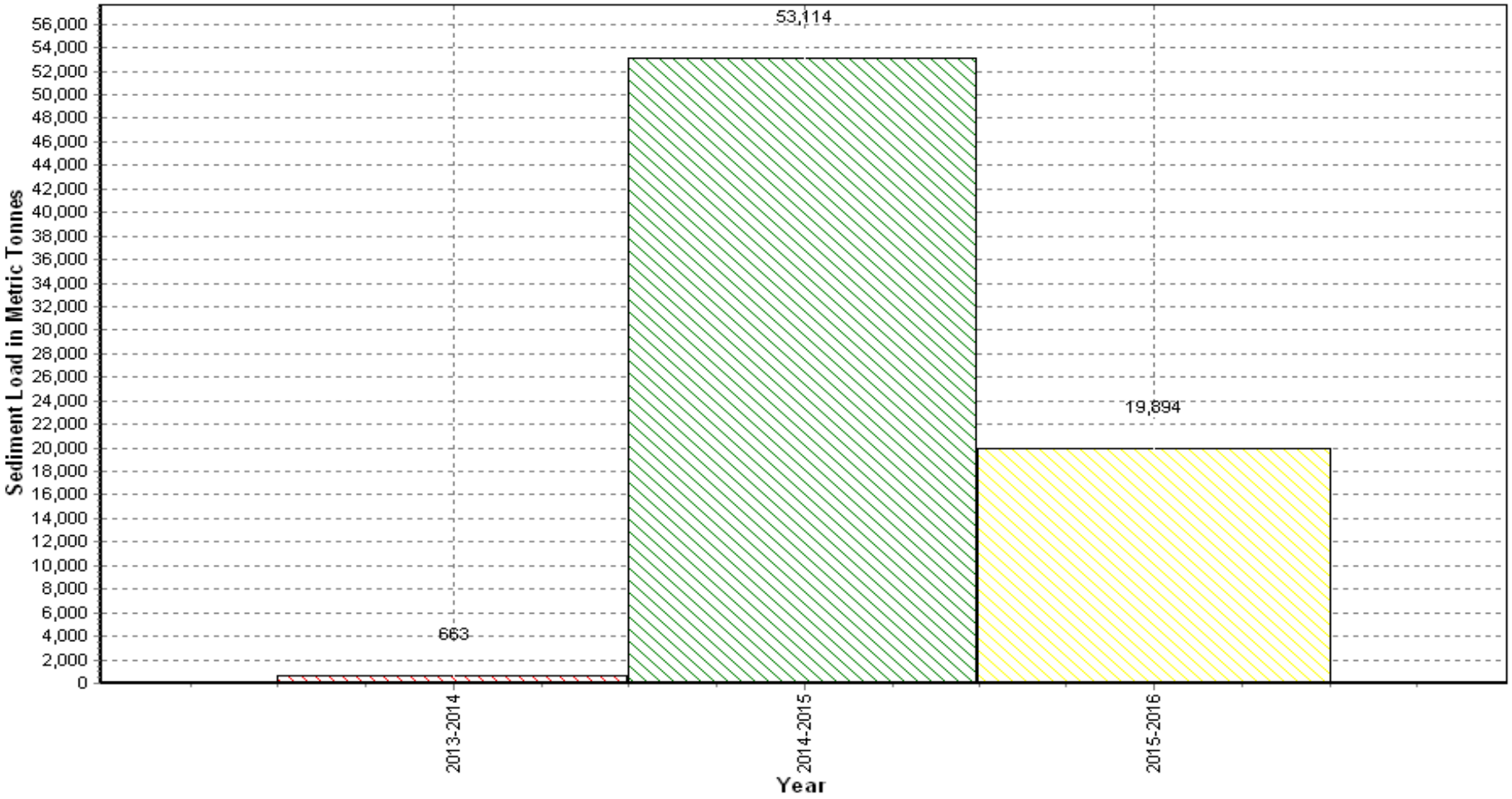
Annual Sediment Load for the period: 2013-2016

Station Name : Akkihebbal (CCR00B7)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

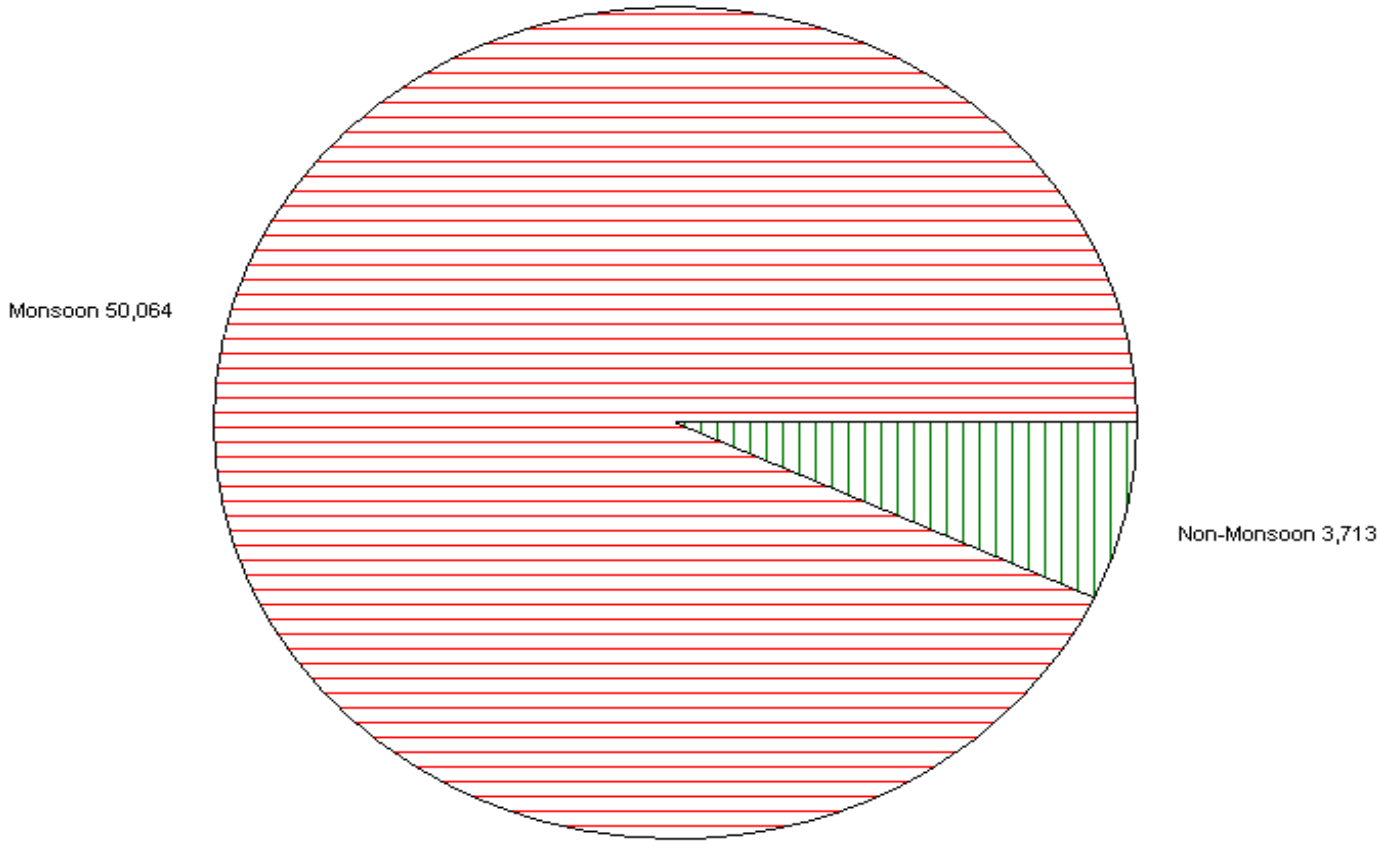
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 2013-2015

Station Name : Akkihebbal (CCR00B7)
Local River : Hemavathi

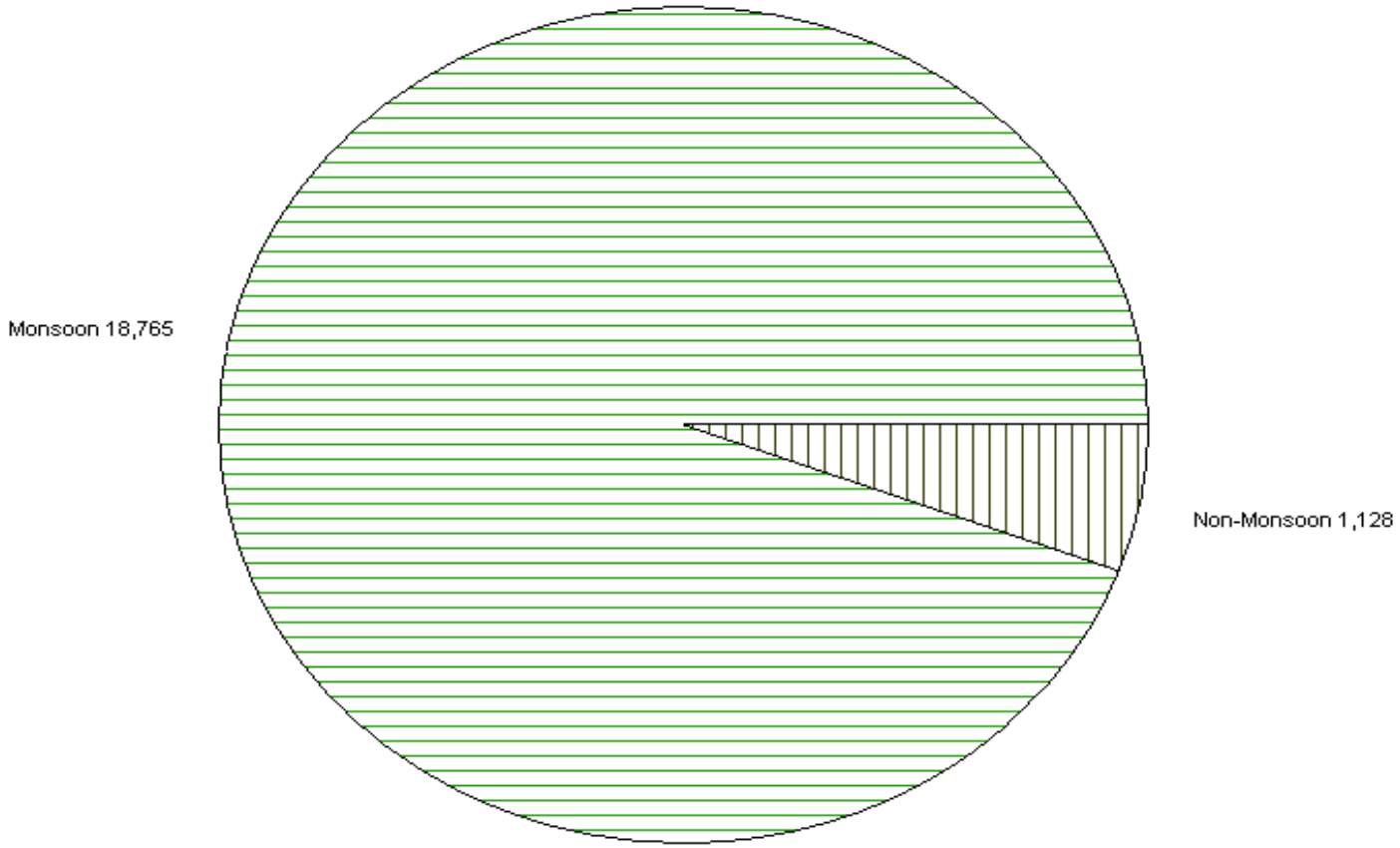
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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 2015											**DATE OF COLLECTION**		**00-00-0000**				
1																	
2							Sample not collected										
3																	
POSTMONSOON 2015											**DATE OF COLLECTION**		**27-04-2016**				
1	60	-	750.335	751.335	1.00	35.0	0.092	0.071	14.00	2.17							
2	90	-	749.335	751.335	2.00	35.0	- No Flow -		5.50	0.85	100.978	1.48	0.0030	0.00005	0.190	14.00	1.10
3	130	-	749.085	751.335	2.25	35.0	- No Flow -		0.60	0.27							
PREMONSOON 2016											**DATE OF COLLECTION**		**20-06-2016**				
1	60	-	750.010	751.130	1.12	35.0	0.087	0.063	11.00	1.67							
2	90	-	748.830	751.130	2.30	35.0	- No Flow -		9.00	1.12	101.484	1.490	0.0055	0.00005	0.832	9.00	1.00
3	130	-	748.680	751.130	2.45	35.0	- No Flow -		6.00	0.21							

Annual Sediment Load for period : 1994-2016

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

* Partial Data

Daily Observed Sediment Datasheet for period : 2015-2016

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	24.72	0.000	0.000	0.012	0.012	25
2	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	20.60	0.000	0.000	0.010	0.010	17
3	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.92	0.000	0.000	0.012	0.012	26
4	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	18.97	0.000	0.000	0.012	0.012	20
5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	24.29	0.000	0.000	0.012	0.012	25
6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	12.71	0.000	0.000	0.012	0.012	13
7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	9.557	0.000	0.000	0.012	0.012	10
8	10.80	0.000	0.000	0.013	0.013	13	10.80	0.000	0.000	0.012	0.012	11	16.60	0.000	0.000	0.012	0.012	17
9	14.47	0.000	0.000	0.011	0.011	14	0.000	0.000	0.000	0.000	0.000	0	16.71	0.000	0.000	0.012	0.012	17
10	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	23.79	0.000	0.000	0.012	0.012	25
11	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	27.68	0.000	0.000	0.012	0.012	30
12	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	25.18	0.000	0.000	0.013	0.013	27
13	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	91.76	0.000	0.000	0.013	0.013	101
14	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	111.2	0.000	0.000	0.012	0.012	115
15	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	102.8	0.000	0.000	0.013	0.013	113
16	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	102.8	0.000	0.000	0.013	0.013	113
17	0.000	0.000	0.000	0.000	0.000	0	5.814	0.000	0.000	0.011	0.011	6	99.49	0.000	0.000	0.012	0.012	107
18	0.000	0.000	0.000	0.000	0.000	0	6.681	0.000	0.000	0.013	0.013	7	95.08	0.000	0.000	0.013	0.013	107
19	0.000	0.000	0.000	0.000	0.000	0	6.044	0.000	0.000	0.011	0.011	6	109.4	0.000	0.000	0.013	0.013	126
20	0.000	0.000	0.000	0.000	0.000	0	6.139	0.000	0.000	0.011	0.011	6	113.2	0.000	0.000	0.014	0.014	136
21	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	111.1	0.000	0.000	0.014	0.014	133
22	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	108.3	0.000	0.000	0.014	0.014	128
23	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	0.013	0.013	12
24	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	174.5	0.000	0.000	0.014	0.014	216
25	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0	123.0	0.000	0.000	0.014	0.014	152
26	0.000	0.000	0.000	0.000	0.000	0	7.013	0.000	0.000	0.010	0.010	6	137.7	0.000	0.000	0.014	0.014	165
27	0.000	0.000	0.000	0.000	0.000	0	7.622	0.000	0.000	0.011	0.011	7	135.1	0.000	0.000	0.014	0.014	166
28	0.000	0.000	0.000	0.000	0.000	0	7.900	0.000	0.000	0.011	0.011	7	30.46	0.000	0.000	0.013	0.013	35
29	0.000	0.000	0.000	0.000	0.000	0	10.29	0.000	0.000	0.011	0.011	10	28.99	0.000	0.000	0.013	0.013	33
30	0.000	0.000	0.000	0.000	0.000	0	11.93	0.000	0.000	0.012	0.012	12	7.608	0.000	0.000	0.006	0.006	4
31							6.958	0.000	0.000	0.012	0.012	7	17.88	0.000	0.000	0.013	0.013	20
Ten Daily Mean																		
Ten Daily I	2.527	0.000	0.000	0.002	0.002	3	1.080	0.000	0.000	0.001	0.001	1	19.29	0.000	0.000	0.012	0.012	20
Ten Daily II	0.000	0.000	0.000	0.000	0.000	0	2.468	0.000	0.000	0.005	0.005	2	87.87	0.000	0.000	0.013	0.013	97
Ten Daily III	0.000	0.000	0.000	0.000	0.000	0	4.701	0.000	0.000	0.006	0.006	5	80.46	0.000	0.000	0.013	0.013	97
Monthly																		
Total						27						85						2236

Annual Sediment Load (Metric Tonnes) : 6463

Daily Observed Sediment Datasheet for period : 2015-2016

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	21.79	0.000	0.000	0.013	0.013	25	29.77	0.000	0.000	0.016	0.016	41	14.52	0.000	0.000	0.014	0.014	17
2	25.40	0.000	0.000	0.013	0.013	28	23.95	0.000	0.000	0.013	0.013	26	15.46	0.000	0.000	0.015	0.015	19
3	24.69	0.000	0.000	0.013	0.013	27	26.82	0.000	0.000	0.016	0.016	37	11.72	0.000	0.000	0.013	0.013	13
4	25.37	0.000	0.000	0.013	0.013	28	23.95	0.000	0.000	0.016	0.016	34	7.566	0.000	0.000	0.015	0.015	10
5	28.42	0.000	0.000	0.013	0.013	31	22.60	0.000	0.000	0.016	0.016	30	15.21	0.000	0.000	0.015	0.015	19
6	27.49	0.000	0.000	0.013	0.013	32	20.24	0.000	0.000	0.015	0.015	27	12.18	0.000	0.000	0.013	0.013	13
7	27.04	0.000	0.000	0.013	0.013	31	13.92	0.000	0.000	0.016	0.016	19	11.96	0.000	0.000	0.013	0.013	13
8	20.15	0.000	0.000	0.014	0.014	24	16.36	0.000	0.000	0.015	0.015	22	13.14	0.000	0.000	0.013	0.013	15
9	22.12	0.000	0.000	0.014	0.014	27	16.19	0.000	0.000	0.015	0.015	21	13.07	0.000	0.000	0.013	0.013	14
10	19.09	0.000	0.000	0.014	0.014	23	16.04	0.000	0.000	0.016	0.016	21	13.13	0.000	0.000	0.013	0.013	14
11	20.87	0.000	0.000	0.014	0.014	25	16.71	0.000	0.000	0.016	0.016	23	11.16	0.000	0.000	0.013	0.013	13
12	21.56	0.000	0.000	0.014	0.014	25	17.97	0.000	0.000	0.015	0.015	23	11.35	0.000	0.000	0.013	0.013	13
13	19.80	0.000	0.000	0.013	0.013	22	17.12	0.000	0.000	0.016	0.016	23	9.931	0.000	0.000	0.013	0.013	11
14	20.35	0.000	0.000	0.013	0.013	23	16.60	0.000	0.000	0.015	0.015	21	9.931	0.000	0.000	0.013	0.013	11
15	19.33	0.000	0.000	0.014	0.014	24	16.08	0.000	0.000	0.015	0.015	20	9.917	0.000	0.000	0.013	0.013	11
16	20.82	0.000	0.000	0.015	0.015	26	15.33	0.000	0.000	0.015	0.015	19	11.53	0.000	0.000	0.013	0.013	13
17	76.73	0.000	0.000	0.017	0.017	112	16.13	0.000	0.000	0.014	0.014	20	9.026	0.000	0.000	0.014	0.014	11
18	70.93	0.000	0.000	0.016	0.016	96	15.24	0.000	0.000	0.014	0.014	18	7.707	0.000	0.000	0.015	0.015	10
19	76.26	0.000	0.000	0.016	0.016	106	14.00	0.000	0.000	0.014	0.014	17	7.664	0.000	0.000	0.013	0.013	9
20	87.95	0.000	0.000	0.019	0.019	141	13.05	0.000	0.000	0.011	0.011	12	7.027	0.000	0.000	0.014	0.014	8
21	96.35	0.000	0.000	0.016	0.016	133	13.38	0.000	0.000	0.011	0.011	13	7.001	0.000	0.000	0.014	0.014	8
22	95.80	0.000	0.000	0.016	0.016	129	15.24	0.000	0.000	0.013	0.013	17	8.163	0.000	0.000	0.015	0.015	10
23	61.91	0.000	0.000	0.015	0.015	81	13.57	0.000	0.000	0.012	0.012	14	7.648	0.000	0.000	0.014	0.014	9
24	59.12	0.000	0.000	0.015	0.015	77	14.52	0.000	0.000	0.013	0.013	16	7.425	0.000	0.000	0.014	0.014	9
25	150.9	0.000	0.000	0.017	0.017	223	13.82	0.000	0.000	0.012	0.012	15	11.16	0.000	0.000	0.021	0.021	20
26	144.5	0.000	0.000	0.016	0.016	205	13.20	0.000	0.000	0.012	0.012	14	8.842	0.000	0.000	0.012	0.012	9
27	152.7	0.000	0.000	0.017	0.017	228	13.06	0.000	0.000	0.012	0.012	13	9.268	0.000	0.000	0.013	0.013	10
28	33.81	0.000	0.000	0.016	0.016	46	13.45	0.000	0.000	0.012	0.012	14	8.841	0.000	0.000	0.013	0.013	10
29	28.64	0.000	0.000	0.015	0.015	38	18.04	0.000	0.000	0.015	0.015	23	9.316	0.000	0.000	0.013	0.013	10
30	50.37	0.000	0.000	0.016	0.016	68	15.59	0.000	0.000	0.014	0.014	19	9.111	0.000	0.000	0.013	0.013	10
31							15.40	0.000	0.000	0.014	0.014	19						
Ten Daily Mean																		
Ten Daily I	24.15	0.000	0.000	0.013	0.013	28	20.98	0.000	0.000	0.015	0.015	28	12.80	0.000	0.000	0.013	0.013	15
Ten Daily II	43.46	0.000	0.000	0.015	0.015	60	15.82	0.000	0.000	0.014	0.014	20	9.523	0.000	0.000	0.013	0.013	11
Ten Daily III	87.41	0.000	0.000	0.016	0.016	123	14.48	0.000	0.000	0.013	0.013	16	8.678	0.000	0.000	0.014	0.014	11
Monthly																		
Total						2105						652						366

Annual Sediment Load (Metric Tonnes) : 6463

Daily Observed Sediment Datasheet for period : 2015-2016

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	6.840	0.000	0.000	0.014	0.014	8	6.757	0.000	0.000	0.015	0.015	9	6.488	0.000	0.000	0.013	0.013	8
2	6.491	0.000	0.000	0.014	0.014	8	7.467	0.000	0.000	0.016	0.016	10	15.82	0.000	0.000	0.013	0.013	17
3	6.864	0.000	0.000	0.014	0.014	8	8.053	0.000	0.000	0.017	0.017	12	15.27	0.000	0.000	0.013	0.013	17
4	7.331	0.000	0.000	0.014	0.014	9	6.647	0.000	0.000	0.015	0.015	8	27.31	0.000	0.000	0.013	0.013	30
5	6.532	0.000	0.000	0.014	0.014	8	6.971	0.000	0.000	0.014	0.014	9	23.98	0.000	0.000	0.012	0.012	25
6	6.332	0.000	0.000	0.011	0.011	6	7.127	0.000	0.000	0.015	0.015	9	13.47	0.000	0.000	0.011	0.011	12
7	8.459	0.000	0.000	0.015	0.015	11	6.935	0.000	0.000	0.015	0.015	9	10.53	0.000	0.000	0.011	0.011	10
8	6.742	0.000	0.000	0.015	0.015	8	6.980	0.000	0.000	0.014	0.014	9	9.770	0.000	0.000	0.011	0.011	9
9	6.565	0.000	0.000	0.014	0.014	8	6.457	0.000	0.000	0.014	0.014	8	8.887	0.000	0.000	0.012	0.012	9
10	8.891	0.000	0.000	0.013	0.013	10	6.332	0.000	0.000	0.014	0.014	8	8.428	0.000	0.000	0.012	0.012	9
11	6.755	0.000	0.000	0.015	0.015	9	6.470	0.000	0.000	0.014	0.014	8	7.032	0.000	0.000	0.013	0.013	8
12	7.217	0.000	0.000	0.014	0.014	9	6.156	0.000	0.000	0.014	0.014	7	7.014	0.000	0.000	0.013	0.013	8
13	7.163	0.000	0.000	0.014	0.014	9	6.741	0.000	0.000	0.014	0.014	8	6.777	0.000	0.000	0.013	0.013	7
14	6.563	0.000	0.000	0.015	0.015	8	6.947	0.000	0.000	0.014	0.014	8	6.332	0.000	0.000	0.012	0.012	7
15	5.631	0.000	0.000	0.015	0.015	7	11.07	0.000	0.000	0.013	0.013	12	6.538	0.000	0.000	0.013	0.013	7
16	5.453	0.000	0.000	0.015	0.015	7	11.22	0.000	0.000	0.013	0.013	12	6.335	0.000	0.000	0.012	0.012	7
17	6.827	0.000	0.000	0.014	0.014	8	11.07	0.000	0.000	0.013	0.013	12	3.572	0.000	0.000	0.012	0.012	4
18	6.286	0.000	0.000	0.014	0.014	8	10.98	0.000	0.000	0.023	0.023	22	7.129	0.000	0.000	0.012	0.012	8
19	6.382	0.000	0.000	0.014	0.014	8	11.29	0.000	0.000	0.013	0.013	12	4.179	0.000	0.000	0.012	0.012	4
20	6.741	0.000	0.000	0.014	0.014	8	10.73	0.000	0.000	0.013	0.013	12	5.194	0.000	0.000	0.012	0.012	6
21	6.593	0.000	0.000	0.014	0.014	8	10.59	0.000	0.000	0.013	0.013	12	4.863	0.000	0.000	0.012	0.012	5
22	6.474	0.000	0.000	0.015	0.015	8	10.51	0.000	0.000	0.013	0.013	12	5.022	0.000	0.000	0.012	0.012	5
23	6.428	0.000	0.000	0.016	0.016	9	7.229	0.000	0.000	0.014	0.014	9	4.978	0.000	0.000	0.012	0.012	5
24	11.63	0.000	0.000	0.021	0.021	22	5.938	0.000	0.000	0.012	0.012	6	5.154	0.000	0.000	0.012	0.012	5
25	11.07	0.000	0.000	0.020	0.020	20	5.376	0.000	0.000	0.015	0.015	7	5.687	0.000	0.000	0.012	0.012	6
26	14.32	0.000	0.000	0.026	0.026	33	3.572	0.000	0.000	0.010	0.010	3	6.222	0.000	0.000	0.012	0.012	7
27	12.79	0.000	0.000	0.012	0.012	13	7.090	0.000	0.000	0.014	0.014	8	6.304	0.000	0.000	0.012	0.012	7
28	13.79	0.000	0.000	0.013	0.013	15	6.158	0.000	0.000	0.014	0.014	7	6.072	0.000	0.000	0.012	0.012	6
29	6.593	0.000	0.000	0.015	0.015	9	6.326	0.000	0.000	0.014	0.014	8	5.899	0.000	0.000	0.012	0.012	6
30	6.574	0.000	0.000	0.015	0.015	9	6.303	0.000	0.000	0.014	0.014	7						
31	6.709	0.000	0.000	0.015	0.015	9	6.741	0.000	0.000	0.015	0.015	9						
Ten Daily Mean																		
Ten Daily I	7.105	0.000	0.000	0.014	0.014	8	6.973	0.000	0.000	0.015	0.015	9	14.00	0.000	0.000	0.012	0.012	15
Ten Daily II	6.502	0.000	0.000	0.015	0.015	8	9.267	0.000	0.000	0.014	0.014	11	6.010	0.000	0.000	0.012	0.012	6
Ten Daily III	9.361	0.000	0.000	0.017	0.017	14	6.893	0.000	0.000	0.013	0.013	8	5.578	0.000	0.000	0.012	0.012	6
Monthly																		
Total						319						291						263

Annual Sediment Load (Metric Tonnes) : 6463

Daily Observed Sediment Datasheet for period : 2015-2016

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	5.695	0.000	0.000	0.012	0.012	6	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
2	5.080	0.000	0.000	0.012	0.012	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
3	5.209	0.000	0.000	0.012	0.012	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
4	5.047	0.000	0.000	0.012	0.012	5	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
5	4.233	0.000	0.000	0.013	0.013	5	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	6.847	0.000	0.000	0.012	0.012	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
22	7.906	0.000	0.000	0.012	0.012	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
23	6.488	0.000	0.000	0.012	0.012	7	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
24	7.166	0.000	0.000	0.058	0.058	36	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
25	7.019	0.000	0.000	0.057	0.057	35	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	2.526	0.000	0.000	0.006	0.006	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	0.000	0.000	0.000	0.000	0.000	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	3.221	0.000	0.000	0.014	0.014	8	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0
Monthly																		
Total						120						0						0

Annual Sediment Load (Metric Tonnes) : 6463

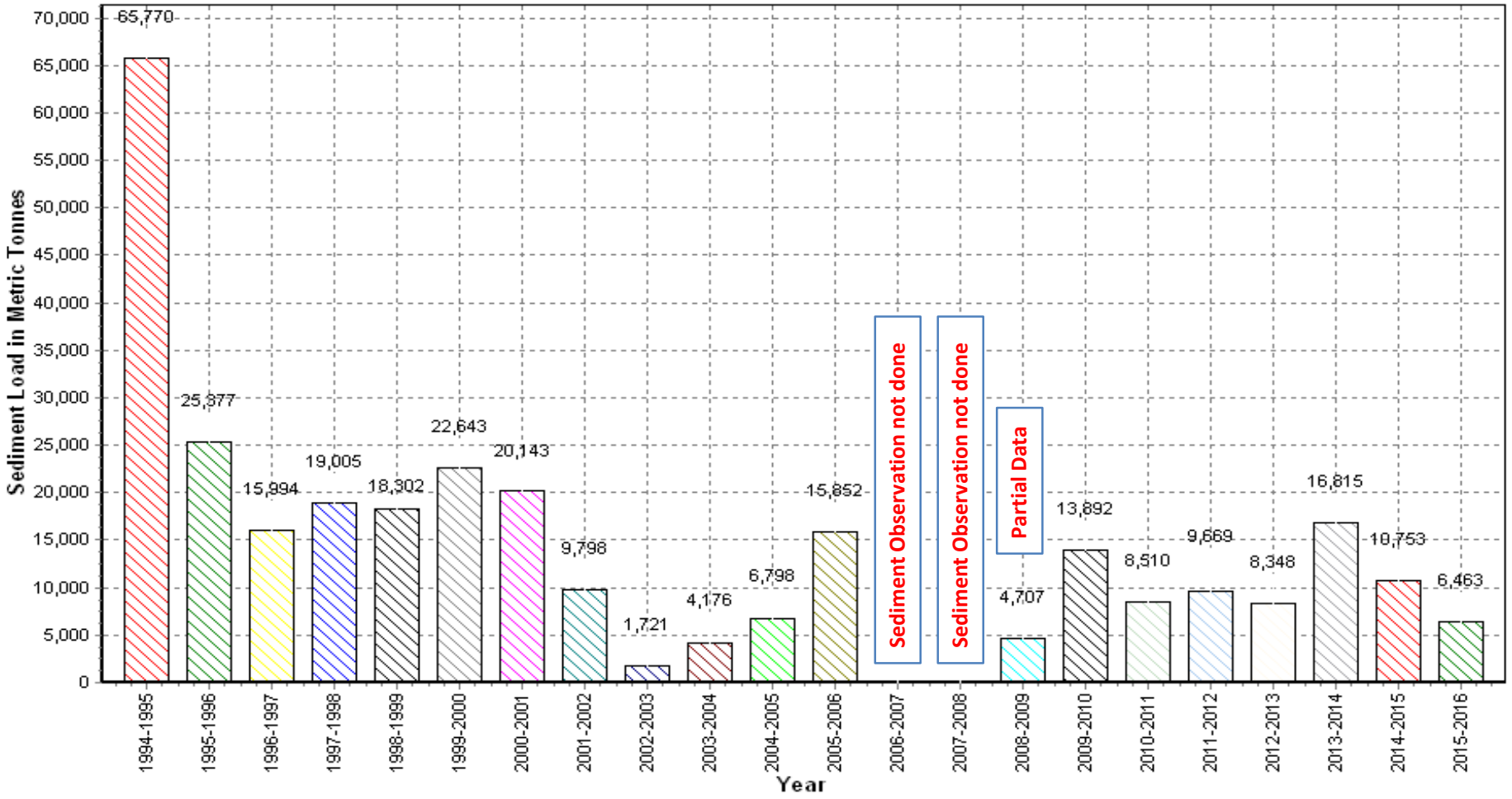
Annual Sediment Load for the period: 1994-2016

Station Name : M.H.Halli (CCR00M8)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

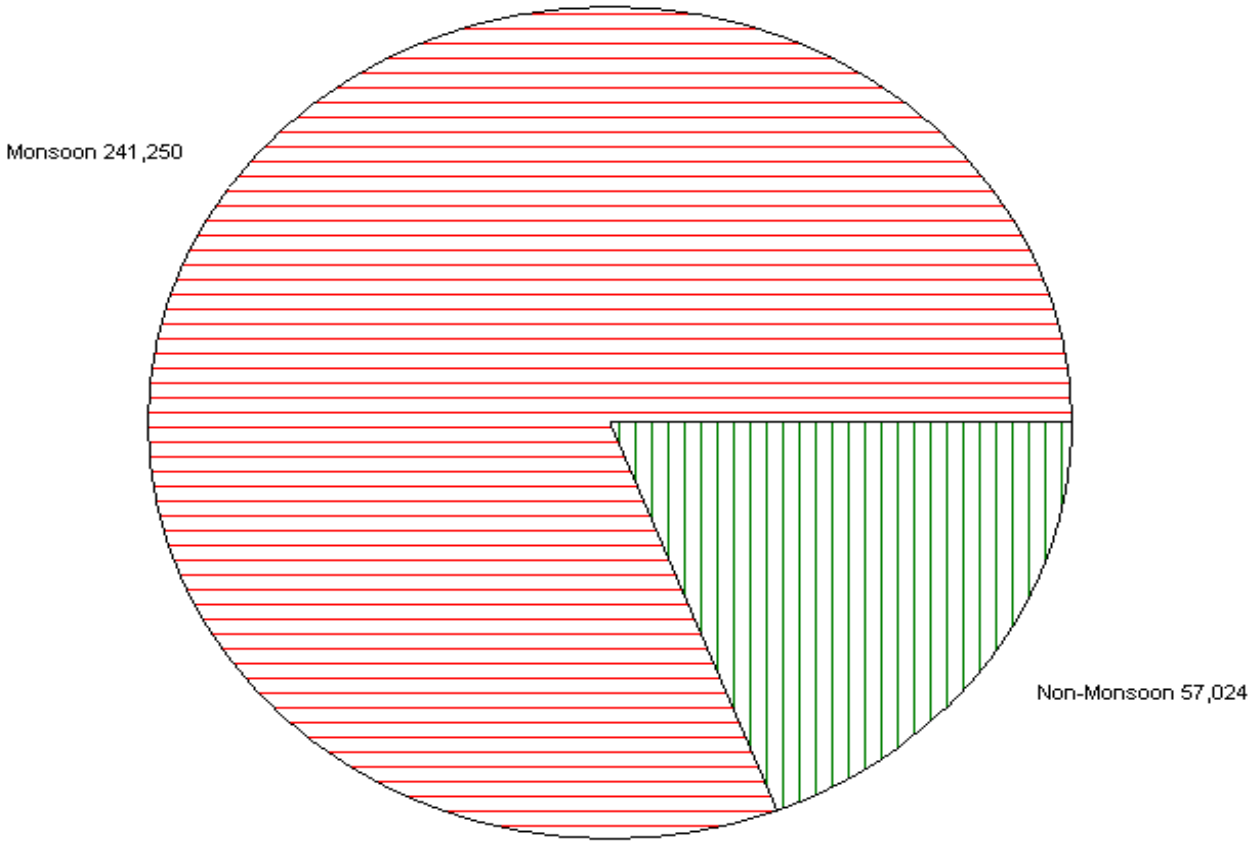
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1994-2015

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

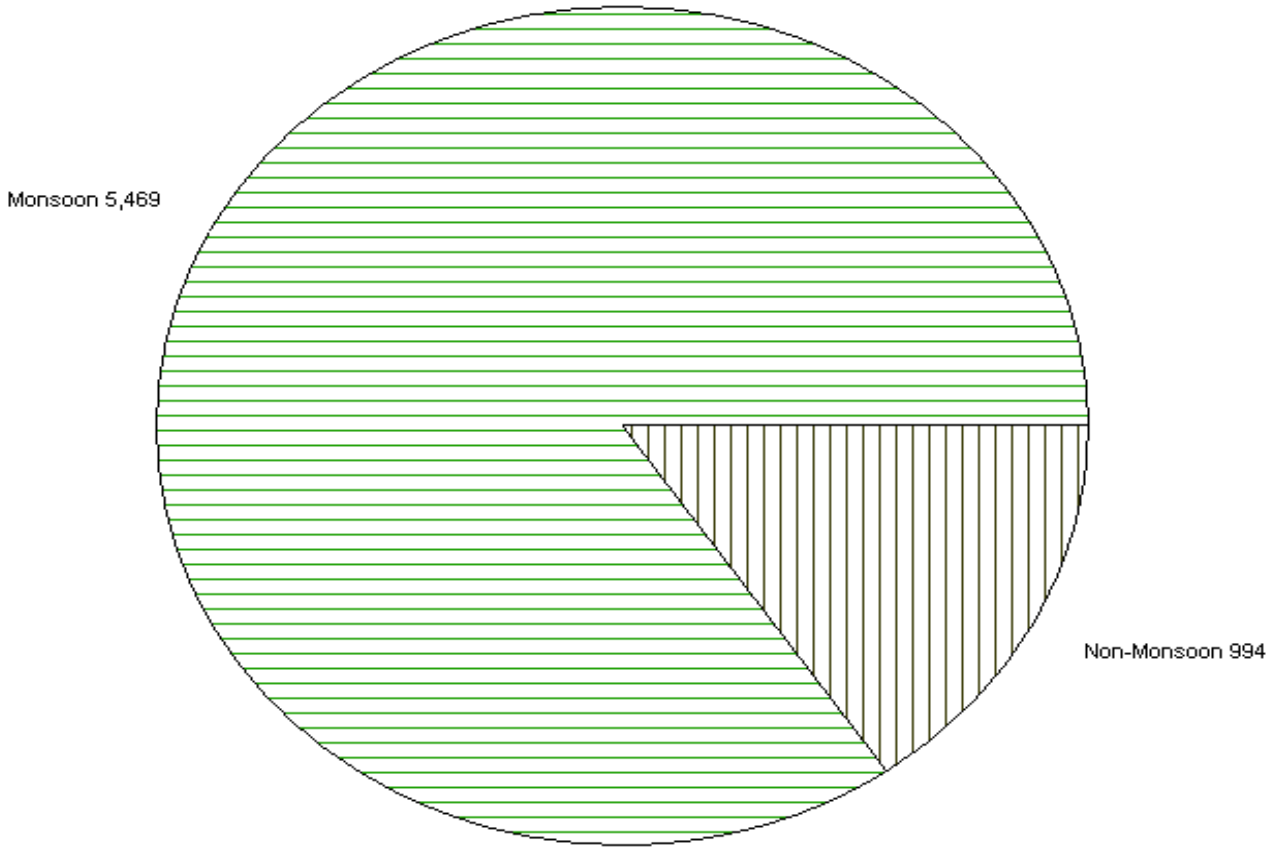
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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 2015 DATE OF COLLECTION 00-00-0000																	
1																	
2							Sample not collected										
3																	
POSTMONSOON 2015 DATE OF COLLECTION 28-04-2016																	
1	50	-	837.340	838.040	0.97	50.0			0.60	0.17							
2	100	-	837.010	838.040	1.30	50.0			8.50	1.23			- No flow -			23.00	2.46
3	150	-	837.810	838.040	0.50	50.0			23.00	5.98							
PREMONSOON 2016 DATE OF COLLECTION 24-06-2016																	
1	50	-	837.010	838.880	0.87	50.0			0.60	0.19							
2	100	-	836.590	838.880	1.29	50.0			3.50	0.80			- No Flow -			23.00	2.69
3	150	-	837.180	838.880	0.70	50.0			23.00	7.07							

Annual Sediment Load for period : 2013-2016

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

Daily Observed Sediment Datasheet for period : 2015-2016

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	3.957	0.000	0.000	0.030	0.030	10	73.07	0.001	0.003	0.019	0.023	147	60.91	0.000	0.000	0.001	0.001	6
2	3.355	0.000	0.000	0.022	0.022	6	57.37	0.001	0.003	0.010	0.014	67	101.1	0.000	0.000	0.019	0.019	165
3	3.732	0.000	0.000	0.019	0.019	6	52.99	0.000	0.000	0.024	0.024	110	60.55	0.000	0.000	0.011	0.011	59
4	5.989	0.001	0.001	0.051	0.054	28	49.44	0.000	0.000	0.012	0.012	49	57.28	0.000	0.000	0.012	0.012	57
5	8.839	0.001	0.001	0.038	0.039	30	44.14	0.000	0.000	0.012	0.012	44	57.11	0.000	0.000	0.005	0.005	26
6	6.065	0.001	0.001	0.036	0.038	20	34.26	0.000	0.000	0.002	0.002	5	73.48	0.010	0.007	0.060	0.077	488
7	4.365	0.001	0.001	0.027	0.028	11	30.85	0.000	0.000	0.001	0.001	2	73.69	0.002	0.003	0.046	0.051	325
8	3.591	0.001	0.001	0.020	0.022	7	32.29	0.000	0.000	0.001	0.001	2	91.57	0.003	0.005	0.045	0.052	411
9	3.971	0.001	0.001	0.024	0.026	9	41.13	0.000	0.000	0.002	0.002	7	66.63	0.000	0.000	0.010	0.010	60
10	4.610	0.001	0.001	0.024	0.027	11	33.29	0.000	0.000	0.002	0.002	6	70.61	0.000	0.000	0.012	0.012	71
11	4.188	0.001	0.000	0.017	0.018	6	39.85	0.000	0.000	0.002	0.002	6	82.10	0.000	0.000	0.011	0.011	78
12	3.599	0.000	0.001	0.020	0.022	7	38.54	0.000	0.000	0.002	0.002	7	82.71	0.001	0.004	0.028	0.033	233
13	9.867	0.001	0.001	0.018	0.020	17	29.23	0.000	0.000	0.003	0.003	8	93.51	0.001	0.002	0.053	0.056	448
14	9.917	0.001	0.001	0.018	0.021	18	28.77	0.000	0.000	0.002	0.002	4	109.0	0.002	0.004	0.055	0.061	575
15	9.123	0.001	0.001	0.023	0.025	20	41.65	0.000	0.000	0.006	0.006	21	86.47	0.002	0.004	0.021	0.028	206
16	7.101	0.001	0.002	0.013	0.016	10	35.13	0.000	0.000	0.002	0.002	5	66.63	0.001	0.002	0.010	0.014	81
17	7.254	0.001	0.001	0.032	0.034	21	30.23	0.000	0.000	0.002	0.002	5	57.65	0.001	0.000	0.031	0.032	158
18	7.313	0.001	0.001	0.034	0.036	23	47.82	0.000	0.000	0.015	0.015	60	80.29	0.001	0.003	0.077	0.081	559
19	8.526	0.001	0.001	0.021	0.023	17	78.61	0.000	0.000	0.027	0.027	186	55.22	0.003	0.003	0.021	0.027	126
20	50.13	0.002	0.002	0.179	0.183	791	143.4	0.000	0.000	0.040	0.040	498	41.19	0.001	0.003	0.015	0.018	65
21	190.6	0.001	0.003	0.033	0.037	609	76.51	0.000	0.000	0.003	0.003	22	32.32	0.000	0.000	0.009	0.009	25
22	360.2	0.001	0.003	0.040	0.044	1372	67.85	0.000	0.000	0.003	0.003	16	43.31	0.000	0.000	0.003	0.003	10
23	297.4	0.000	0.003	0.020	0.023	591	64.27	0.000	0.000	0.010	0.010	57	65.75	0.000	0.000	0.009	0.009	50
24	332.1	0.000	0.001	0.025	0.026	743	71.95	0.000	0.000	0.002	0.002	14	40.42	0.000	0.000	0.009	0.009	32
25	321.7	0.001	0.001	0.026	0.028	781	72.90	0.000	0.000	0.004	0.004	23	38.04	0.000	0.000	0.009	0.009	30
26	318.8	0.000	0.003	0.038	0.042	1154	61.43	0.000	0.000	0.016	0.016	85	31.88	0.000	0.000	0.002	0.002	4
27	94.70	0.000	0.003	0.023	0.025	208	88.11	0.000	0.000	0.023	0.023	176	33.46	0.000	0.000	0.005	0.005	14
28	150.4	0.002	0.004	0.031	0.037	479	79.92	0.000	0.000	0.002	0.002	13	35.10	0.000	0.000	0.002	0.002	5
29	92.03	0.004	0.005	0.024	0.033	262	78.81	0.000	0.000	0.000	0.000	0	29.39	0.000	0.000	0.004	0.004	10
30	81.58	0.000	0.002	0.016	0.018	128	71.01	0.000	0.000	0.000	0.000	0	29.65	0.000	0.000	0.004	0.004	10
31							64.76	0.000	0.000	0.001	0.001	3	25.93	0.000	0.000	0.002	0.002	4
Ten Daily Mean																		
Ten Daily I	4.847	0.001	0.001	0.029	0.030	14	44.88	0.000	0.001	0.008	0.009	44	71.29	0.001	0.001	0.022	0.025	167
Ten Daily II	11.70	0.001	0.001	0.038	0.040	93	51.33	0.000	0.000	0.010	0.010	80	75.47	0.001	0.002	0.032	0.036	253
Ten Daily III	223.9	0.001	0.003	0.028	0.031	633	72.50	0.000	0.000	0.006	0.006	37	36.84	0.000	0.000	0.005	0.005	18
Monthly																		
Total						7394						1648						4393

Annual Sediment Load (Metric Tonnes) : 18444

Daily Observed Sediment Datasheet for period : 2015-2016

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	24.03	0.000	0.000	0.002	0.002	4	24.90	0.000	0.000	0.001	0.001	3	16.18	0.000	0.000	0.009	0.009	12
2	21.46	0.000	0.000	0.005	0.005	9	27.90	0.000	0.000	0.002	0.002	4	113.6	0.002	0.015	0.012	0.030	289
3	20.63	0.000	0.000	0.001	0.001	1	22.64	0.000	0.000	0.002	0.002	3	43.58	0.003	0.004	0.014	0.021	81
4	19.52	0.000	0.000	0.003	0.003	4	20.40	0.000	0.000	0.002	0.002	3	79.32	0.001	0.007	0.013	0.021	143
5	18.13	0.000	0.000	0.007	0.007	11	87.24	0.000	0.007	0.108	0.116	872	54.82	0.000	0.000	0.010	0.010	47
6	30.85	0.000	0.000	0.002	0.002	5	43.16	0.000	0.000	0.020	0.020	74	29.21	0.000	0.000	0.014	0.014	35
7	31.07	0.000	0.000	0.002	0.002	6	28.69	0.000	0.000	0.002	0.002	4	22.58	0.000	0.000	0.041	0.041	80
8	138.0	0.006	0.018	0.114	0.139	1653	26.23	0.000	0.000	0.010	0.010	23	18.47	0.000	0.000	0.011	0.011	18
9	47.82	0.004	0.006	0.019	0.030	122	26.91	0.000	0.000	0.005	0.005	10	16.89	0.000	0.000	0.009	0.009	13
10	40.77	0.001	0.003	0.008	0.012	41	29.30	0.000	0.000	0.013	0.013	32	15.19	0.000	0.000	0.012	0.012	16
11	35.60	0.000	0.000	0.008	0.008	24	23.47	0.000	0.000	0.006	0.006	12	15.75	0.000	0.000	0.012	0.012	16
12	26.90	0.000	0.000	0.002	0.002	6	22.65	0.000	0.000	0.006	0.006	11	15.57	0.000	0.000	0.029	0.029	38
13	26.19	0.000	0.000	0.003	0.003	6	21.51	0.000	0.000	0.012	0.012	21	16.90	0.000	0.000	0.014	0.014	20
14	26.30	0.000	0.000	0.009	0.009	21	20.32	0.000	0.000	0.010	0.010	17	15.01	0.000	0.000	0.012	0.012	16
15	33.22	0.000	0.000	0.013	0.013	38	15.06	0.000	0.000	0.009	0.009	11	13.64	0.000	0.000	0.010	0.010	12
16	36.07	0.000	0.000	0.007	0.007	22	12.55	0.000	0.000	0.009	0.009	10	14.53	0.000	0.000	0.009	0.009	12
17	28.48	0.000	0.000	0.002	0.002	4	15.56	0.000	0.000	0.004	0.004	6	14.43	0.000	0.000	0.010	0.010	12
18	28.89	0.000	0.000	0.001	0.001	3	14.89	0.000	0.000	0.005	0.005	6	14.01	0.000	0.000	0.010	0.010	12
19	32.51	0.000	0.000	0.003	0.003	7	15.07	0.000	0.000	0.003	0.003	4	13.81	0.000	0.000	0.011	0.011	13
20	30.85	0.000	0.000	0.002	0.002	5	12.64	0.000	0.000	0.004	0.004	5	13.82	0.000	0.000	0.009	0.009	10
21	33.42	0.000	0.000	0.002	0.002	5	13.72	0.000	0.000	0.005	0.005	5	13.90	0.000	0.000	0.004	0.004	5
22	28.92	0.000	0.000	0.001	0.001	2	13.24	0.000	0.000	0.004	0.004	5	12.45	0.000	0.000	0.004	0.004	5
23	26.65	0.000	0.000	0.001	0.001	1	11.20	0.000	0.000	0.006	0.006	6	13.06	0.000	0.000	0.005	0.005	5
24	23.26	0.000	0.000	0.003	0.003	6	12.07	0.000	0.000	0.005	0.005	5	13.36	0.000	0.000	0.001	0.001	2
25	27.90	0.000	0.000	0.015	0.015	36	10.95	0.000	0.000	0.006	0.006	6	14.89	0.000	0.000	0.001	0.001	2
26	30.03	0.000	0.000	0.015	0.015	40	9.173	0.000	0.000	0.008	0.008	6	13.89	0.000	0.000	0.001	0.001	1
27	25.09	0.000	0.000	0.013	0.013	28	9.244	0.000	0.000	0.008	0.008	6	13.26	0.000	0.000	0.002	0.002	2
28	32.65	0.001	0.002	0.019	0.021	60	9.817	0.000	0.000	0.009	0.009	7	13.91	0.000	0.000	0.003	0.003	4
29	38.60	0.000	0.000	0.015	0.015	49	19.25	0.000	0.000	0.021	0.021	34	10.59	0.000	0.000	0.004	0.004	4
30	19.99	0.000	0.000	0.014	0.014	24	54.87	0.000	0.004	0.079	0.083	395	13.23	0.000	0.000	0.002	0.002	2
31							21.83	0.000	0.000	0.031	0.031	58						
Ten Daily Mean																		
Ten Daily I	39.23	0.001	0.003	0.016	0.020	186	33.74	0.000	0.001	0.016	0.017	103	40.98	0.001	0.003	0.014	0.018	73
Ten Daily II	30.50	0.000	0.000	0.005	0.005	14	17.37	0.000	0.000	0.007	0.007	10	14.75	0.000	0.000	0.013	0.013	16
Ten Daily III	28.65	0.000	0.000	0.010	0.010	25	16.85	0.000	0.000	0.016	0.017	48	13.25	0.000	0.000	0.003	0.003	3
Monthly																		
Total						2243						1664						927

Annual Sediment Load (Metric Tonnes) : 18444

Daily Observed Sediment Datasheet for period : 2015-2016

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	15.80	0.000	0.000	0.002	0.002	3	6.961	0.000	0.000	0.002	0.002	1	3.886	0.000	0.000	0.001	0.001	0
2	13.17	0.000	0.000	0.002	0.002	2	6.939	0.000	0.000	0.002	0.002	1	3.766	0.000	0.000	0.001	0.001	0
3	13.09	0.000	0.000	0.002	0.002	2	6.188	0.000	0.000	0.002	0.002	1	3.405	0.000	0.000	0.001	0.001	0
4	13.34	0.000	0.000	0.002	0.002	2	6.650	0.000	0.000	0.002	0.002	1	3.334	0.000	0.000	0.001	0.001	0
5	11.69	0.000	0.000	0.002	0.002	2	6.640	0.000	0.000	0.002	0.002	1	3.862	0.000	0.000	0.001	0.001	0
6	11.11	0.000	0.000	0.002	0.002	2	6.476	0.000	0.000	0.002	0.002	1	3.748	0.000	0.000	0.001	0.001	0
7	10.66	0.000	0.000	0.002	0.002	1	6.485	0.000	0.000	0.002	0.002	1	3.522	0.000	0.000	0.001	0.001	0
8	10.03	0.000	0.000	0.002	0.002	1	6.350	0.000	0.000	0.002	0.002	1	3.133	0.000	0.000	0.001	0.001	0
9	9.349	0.000	0.000	0.001	0.001	1	6.145	0.000	0.000	0.002	0.002	1	3.087	0.000	0.000	0.001	0.001	0
10	10.58	0.000	0.000	0.002	0.002	1	5.791	0.000	0.000	0.003	0.003	1	3.037	0.000	0.000	0.001	0.001	0
11	10.69	0.000	0.000	0.002	0.002	2	6.018	0.000	0.000	0.003	0.003	1	3.066	0.000	0.000	0.001	0.001	0
12	10.32	0.000	0.000	0.002	0.002	1	6.022	0.000	0.000	0.003	0.003	1	3.031	0.000	0.000	0.001	0.001	0
13	10.06	0.000	0.000	0.002	0.002	1	5.992	0.000	0.000	0.003	0.003	1	2.982	0.000	0.000	0.001	0.001	0
14	10.20	0.000	0.000	0.002	0.002	2	5.995	0.000	0.000	0.003	0.003	1	2.933	0.000	0.000	0.001	0.001	0
15	9.716	0.000	0.000	0.002	0.002	2	5.408	0.000	0.000	0.003	0.003	1	2.734	0.000	0.000	0.001	0.001	0
16	9.283	0.000	0.000	0.002	0.002	2	5.701	0.000	0.000	0.003	0.003	2	2.662	0.000	0.000	0.001	0.001	0
17	8.911	0.000	0.000	0.002	0.002	2	5.408	0.000	0.000	0.003	0.003	1	2.378	0.000	0.000	0.001	0.001	0
18	8.820	0.000	0.000	0.012	0.012	9	5.456	0.000	0.000	0.003	0.003	1	2.298	0.000	0.000	0.001	0.001	0
19	8.488	0.000	0.000	0.010	0.010	7	5.467	0.000	0.000	0.003	0.003	1	2.086	0.000	0.000	0.001	0.001	0
20	8.594	0.000	0.000	0.010	0.010	8	5.782	0.000	0.000	0.003	0.003	2	2.026	0.000	0.000	0.001	0.001	0
21	8.224	0.000	0.000	0.008	0.008	6	5.798	0.000	0.000	0.003	0.003	2	1.910	0.000	0.000	0.001	0.001	0
22	7.673	0.000	0.000	0.008	0.008	5	5.341	0.000	0.000	0.003	0.003	1	1.806	0.000	0.000	0.001	0.001	0
23	7.783	0.000	0.000	0.008	0.008	6	5.538	0.000	0.000	0.002	0.002	1	1.671	0.000	0.000	0.001	0.001	0
24	7.901	0.000	0.000	0.008	0.008	6	5.036	0.000	0.000	0.001	0.001	1	1.564	0.000	0.000	0.001	0.001	0
25	7.676	0.000	0.000	0.008	0.008	5	5.319	0.000	0.000	0.001	0.001	0	1.482	0.000	0.000	0.001	0.001	0
26	6.780	0.000	0.000	0.002	0.002	1	4.855	0.000	0.000	0.001	0.001	0	1.471	0.000	0.000	0.001	0.001	0
27	7.454	0.000	0.000	0.002	0.002	2	4.864	0.000	0.000	0.001	0.001	0	1.321	0.000	0.000	0.001	0.001	0
28	6.861	0.000	0.000	0.003	0.003	2	4.654	0.000	0.000	0.001	0.001	0	1.378	0.000	0.000	0.001	0.001	0
29	7.351	0.000	0.000	0.002	0.002	2	4.358	0.000	0.000	0.001	0.001	0	1.128	0.000	0.000	0.001	0.001	0
30	7.271	0.000	0.000	0.002	0.002	1	4.292	0.000	0.000	0.001	0.001	0						
31	7.208	0.000	0.000	0.002	0.002	1	4.163	0.000	0.000	0.001	0.001	0						
Ten Daily Mean																		
Ten Daily I	11.88	0.000	0.000	0.002	0.002	2	6.463	0.000	0.000	0.002	0.002	1	3.478	0.000	0.000	0.001	0.001	0
Ten Daily II	9.509	0.000	0.000	0.005	0.005	4	5.725	0.000	0.000	0.003	0.003	1	2.620	0.000	0.000	0.001	0.001	0
Ten Daily III	7.471	0.000	0.000	0.005	0.005	3	4.929	0.000	0.000	0.001	0.001	1	1.526	0.000	0.000	0.001	0.001	0
Monthly																		
Total						89						32						5

Annual Sediment Load (Metric Tonnes) : 18444

Daily Observed Sediment Datasheet for period : 2015-2016

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	1.135	0.000	0.000	0.001	0.001	0	0.123	0.000	0.000	0.001	0.001	0	0.290	0.000	0.000	0.003	0.003	0
2	0.808	0.000	0.000	0.001	0.001	0	0.277	0.000	0.000	0.002	0.002	0	0.306	0.000	0.000	0.003	0.003	0
3	0.631	0.000	0.000	0.001	0.001	0	0.445	0.000	0.000	0.004	0.004	0	0.159	0.000	0.000	0.002	0.002	0
4	0.588	0.000	0.000	0.001	0.001	0	0.459	0.000	0.000	0.004	0.004	0	0.137	0.000	0.000	0.002	0.002	0
5	0.575	0.000	0.000	0.001	0.001	0	0.625	0.000	0.000	0.001	0.001	0	0.162	0.000	0.000	0.002	0.002	0
6	0.567	0.000	0.000	0.001	0.001	0	0.621	0.000	0.000	0.001	0.001	0	0.294	0.000	0.000	0.003	0.003	0
7	0.452	0.000	0.000	0.001	0.001	0	0.618	0.000	0.000	0.001	0.001	0	0.361	0.000	0.000	0.004	0.004	0
8	0.457	0.000	0.000	0.001	0.001	0	0.701	0.000	0.000	0.001	0.001	0	0.504	0.000	0.000	0.005	0.005	0
9	0.427	0.000	0.000	0.001	0.001	0	0.621	0.000	0.000	0.001	0.001	0	0.459	0.000	0.000	0.005	0.005	0
10	0.421	0.000	0.000	0.001	0.001	0	0.701	0.000	0.000	0.001	0.001	0	0.409	0.000	0.000	0.004	0.004	0
11	0.372	0.000	0.000	0.001	0.001	0	0.599	0.000	0.000	0.001	0.001	0	0.398	0.000	0.000	0.004	0.004	0
12	0.372	0.000	0.000	0.001	0.001	0	0.575	0.000	0.000	0.001	0.001	0	0.813	0.000	0.000	0.011	0.011	1
13	0.338	0.000	0.000	0.001	0.001	0	0.561	0.000	0.000	0.001	0.001	0	1.767	0.000	0.000	0.024	0.024	4
14	0.103	0.000	0.000	0.001	0.001	0	0.445	0.000	0.000	0.001	0.001	0	1.520	0.000	0.000	0.021	0.021	3
15	0.155	0.000	0.000	0.001	0.001	0	0.549	0.000	0.000	0.001	0.001	0	1.189	0.000	0.000	0.016	0.016	2
16	0.212	0.000	0.000	0.001	0.001	0	0.621	0.000	0.000	0.001	0.001	0	0.837	0.000	0.000	0.011	0.011	1
17	0.177	0.000	0.000	0.001	0.001	0	0.930	0.000	0.000	0.021	0.021	2	0.835	0.000	0.000	0.011	0.011	1
18	0.179	0.000	0.000	0.001	0.001	0	0.818	0.000	0.000	0.019	0.019	1	0.868	0.000	0.000	0.011	0.011	1
19	0.176	0.000	0.000	0.001	0.001	0	0.930	0.000	0.000	0.021	0.021	2	1.013	0.000	0.000	0.011	0.011	1
20	0.167	0.000	0.000	0.001	0.001	0	0.732	0.000	0.000	0.017	0.017	1	2.129	0.000	0.000	0.024	0.024	4
21	0.167	0.000	0.000	0.001	0.001	0	0.706	0.000	0.000	0.017	0.017	1	1.378	0.000	0.000	0.018	0.018	2
22	0.164	0.000	0.000	0.001	0.001	0	0.599	0.000	0.000	0.014	0.014	1	1.282	0.000	0.000	0.018	0.018	2
23	0.176	0.000	0.000	0.001	0.001	0	0.576	0.000	0.000	0.003	0.003	0	1.584	0.000	0.000	0.019	0.019	3
24	0.168	0.000	0.000	0.001	0.001	0	0.632	0.000	0.000	0.003	0.003	0	1.339	0.000	0.000	0.018	0.018	2
25	0.133	0.000	0.000	0.001	0.001	0	0.536	0.000	0.000	0.003	0.003	0	1.110	0.000	0.000	0.015	0.015	1
26	0.164	0.000	0.000	0.001	0.001	0	0.478	0.000	0.000	0.003	0.003	0	1.053	0.000	0.000	0.015	0.015	1
27	0.133	0.000	0.000	0.001	0.001	0	0.414	0.000	0.000	0.003	0.003	0	0.928	0.000	0.000	0.014	0.014	1
28	0.115	0.000	0.000	0.001	0.001	0	0.419	0.000	0.000	0.003	0.003	0	0.843	0.000	0.000	0.011	0.011	1
29	0.114	0.000	0.000	0.001	0.001	0	0.363	0.000	0.000	0.003	0.003	0	0.850	0.000	0.000	0.011	0.011	1
30	0.121	0.000	0.000	0.001	0.001	0	0.312	0.000	0.000	0.003	0.003	0	1.228	0.000	0.000	0.016	0.016	2
31	0.114	0.000	0.000	0.001	0.001	0							1.654	0.000	0.000	0.022	0.022	3
Ten Daily Mean																		
Ten Daily I	0.606	0.000	0.000	0.001	0.001	0	0.519	0.000	0.000	0.002	0.002	0	0.308	0.000	0.000	0.003	0.003	0
Ten Daily II	0.225	0.000	0.000	0.001	0.001	0	0.676	0.000	0.000	0.009	0.009	1	1.137	0.000	0.000	0.014	0.014	2
Ten Daily III	0.143	0.000	0.000	0.001	0.001	0	0.503	0.000	0.000	0.006	0.006	0	1.205	0.000	0.000	0.016	0.016	2
Monthly																		
Total						1						10						37

Annual Sediment Load (Metric Tonnes) : 18444

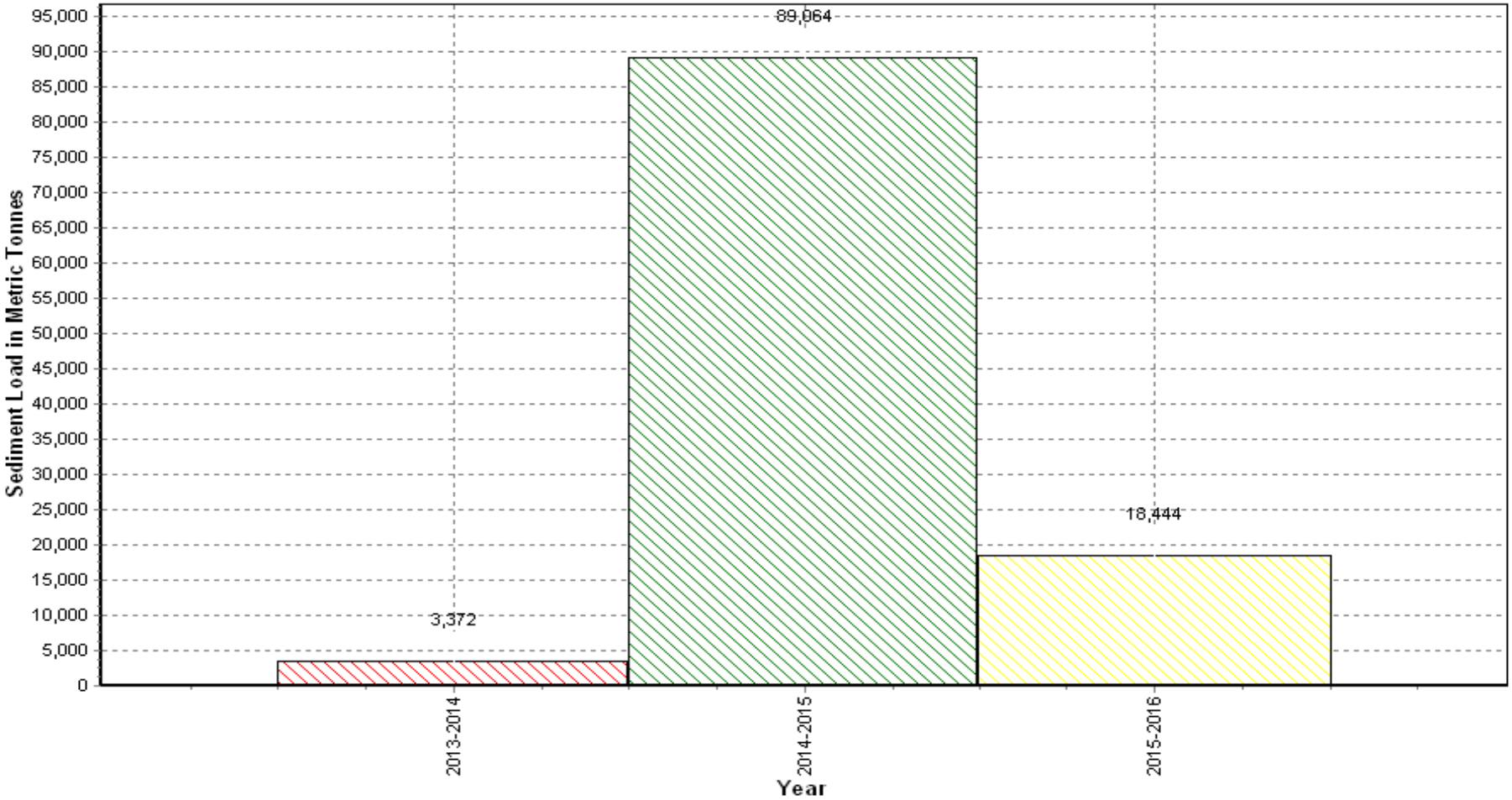
Annual Sediment Load for the period: 2013-2016

Station Name : Sakleshpur (CCR00U6)

Local River : Hemavathi

Division : Cauvery Division, Bangalore

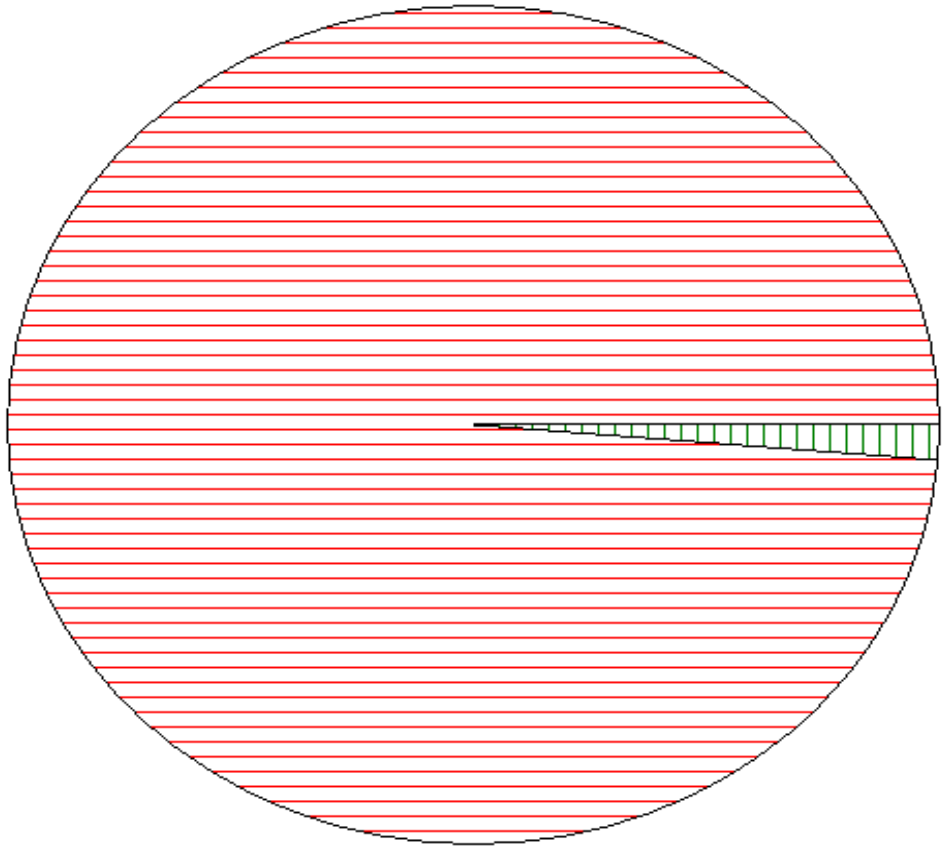
Sub-Division : SWRSD-III, Mangalore



Seasonal Sediment Load for the period : 2013-2015

Station Name : Sakleshpur (CCR00U6)
Local River : Hemavathi

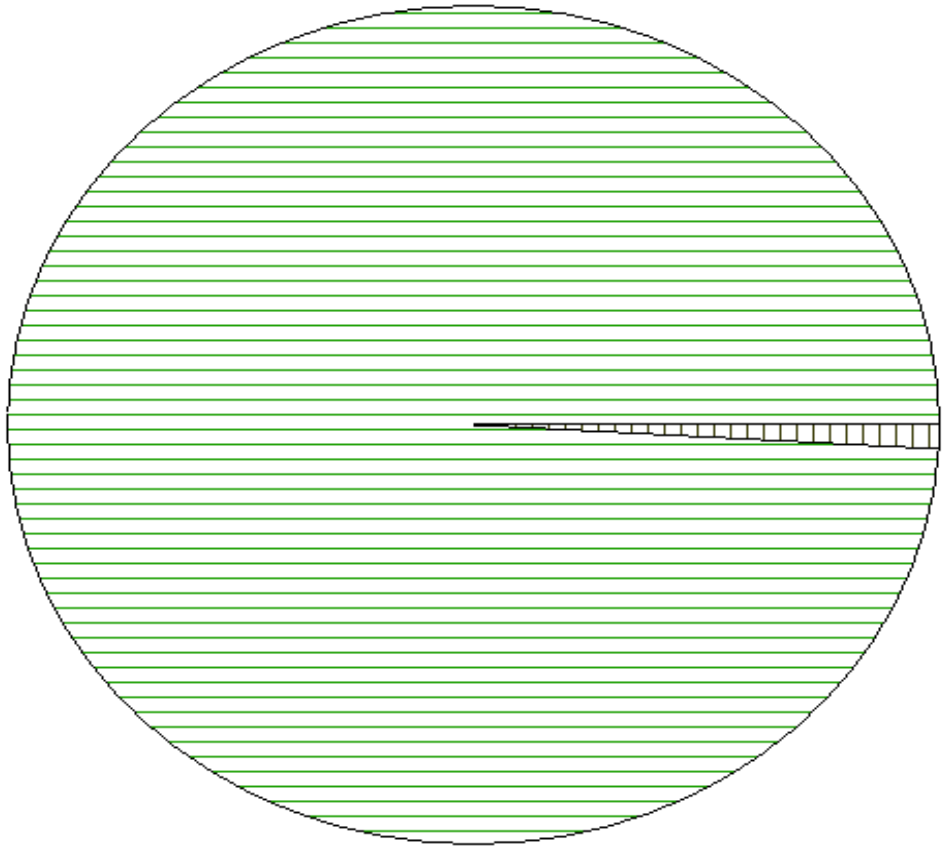
Division : Cauvery Division, Bangalore
Sub-Division : SWRSD-III, Mangalore



Seasonal Sediment Load for the Year: 2015-2016

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 2015 DATE OF COLLECTION																	
1																	
2																	
3							Sample not collected										
4																	
POSTMONSOON 2015 DATE OF COLLECTION 15.12.2015																	
1	40	889.825	-	-	-	40			0.60	0.17							
2	80	888.375	-	-	-	40	Discharge		0.60	0.18							
3	120	-	886.780	887.340	0.560	40	observed at Temp. Section		2.50	0.68	55.25	0.4092	1.0090	0.00045	9.72	2.50	0.30
4	160	892.915	-	-	-	40			0.60	0.16							
PREMONSOON 2016 DATE OF COLLECTION 23-05-2016																	
1	40	889.800	-	-	-	40			0.60	0.14							
2	80	888.485	-	-	-	40	Discharge observed at Temp. Section.		0.60	0.15							
3	120		886.735	887.015	0.28	40			3.00	0.84	44.10	0.1718	0.2095	0.00017	1.58	3.00	0.32
4	160	892.910	-	-	-	40			0.60	0.15							

Annual Sediment Load for period : 1974-2016

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

*** Partial Data**

Daily Observed Sediment Datasheet for period : 2015-2016

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	9.826	0.000	0.000	0.001	0.001	1	195.1	0.000	0.000	0.015	0.015	250	104.9	0.000	0.000	0.000	0.000	2
2	9.343	0.000	0.000	0.010	0.010	8	141.6	0.000	0.000	0.011	0.011	131	105.1	0.000	0.000	0.000	0.000	2
3	9.594	0.000	0.000	0.009	0.009	7	148.4	0.000	0.000	0.007	0.007	85	111.5	0.000	0.000	0.010	0.010	92
4	9.519	0.000	0.000	0.009	0.009	8	129.5	0.000	0.000	0.008	0.008	86	99.09	0.000	0.000	0.008	0.008	72
5	10.10	0.000	0.000	0.002	0.002	2	110.4	0.000	0.000	0.007	0.007	62	144.8	0.000	0.000	0.022	0.022	271
6	11.32	0.000	0.000	0.002	0.002	2	106.1	0.000	0.000	0.008	0.008	73	212.3	0.000	0.000	0.006	0.006	117
7	19.26	0.000	0.000	0.004	0.004	6	101.7	0.000	0.000	0.008	0.008	69	283.2	0.000	0.000	0.006	0.006	157
8	11.28	0.000	0.000	0.002	0.002	2	87.19	0.000	0.000	0.008	0.008	60	378.2	0.000	0.000	0.013	0.013	431
9	9.865	0.000	0.000	0.001	0.001	1	85.53	0.000	0.000	0.017	0.017	126	212.4	0.000	0.000	0.007	0.007	136
10	9.832	0.000	0.000	0.001	0.001	1	164.7	0.000	0.000	0.000	0.000	1	188.9	0.000	0.000	0.007	0.007	114
11	9.486	0.000	0.000	0.004	0.004	3	160.8	0.000	0.000	0.006	0.006	86	202.8	0.000	0.000	0.004	0.004	67
12	20.65	0.000	0.000	0.002	0.002	3	162.3	0.000	0.000	0.006	0.006	88	314.3	0.000	0.000	0.006	0.006	160
13	17.28	0.000	0.000	0.004	0.004	6	146.7	0.000	0.000	0.041	0.041	520	280.2	0.000	0.000	0.015	0.015	363
14	26.73	0.000	0.000	0.003	0.003	6	144.6	0.000	0.000	0.041	0.041	506	271.1	0.000	0.000	0.006	0.006	129
15	35.94	0.000	0.000	0.001	0.001	3	119.3	0.000	0.000	0.003	0.003	26	237.3	0.000	0.000	0.005	0.005	98
16	34.61	0.000	0.000	0.001	0.001	3	92.51	0.000	0.000	0.009	0.009	71	191.2	0.000	0.000	0.004	0.004	63
17	34.42	0.000	0.000	0.004	0.004	12	95.51	0.000	0.000	0.011	0.011	88	185.5	0.000	0.000	0.010	0.010	162
18	28.83	0.000	0.000	0.001	0.001	2	149.8	0.000	0.000	0.017	0.017	216	183.4	0.000	0.000	0.007	0.007	109
19	32.49	0.000	0.000	0.002	0.002	6	515.1	0.001	0.002	0.016	0.019	854	192.3	0.000	0.000	0.007	0.007	110
20	112.2	0.000	0.000	0.021	0.021	199	784.4	0.001	0.003	0.025	0.029	1986	127.4	0.000	0.000	0.012	0.012	131
21	310.6	0.000	0.000	0.071	0.071	1895	451.6	0.001	0.002	0.014	0.017	659	123.7	0.000	0.000	0.006	0.006	65
22	441.9	0.001	0.003	0.101	0.104	3986	348.4	0.000	0.000	0.002	0.002	60	124.6	0.000	0.000	0.010	0.010	108
23	675.4	0.000	0.000	0.051	0.051	2970	306.7	0.000	0.000	0.010	0.010	262	159.1	0.000	0.000	0.013	0.013	175
24	551.8	0.000	0.000	0.012	0.012	591	243.7	0.000	0.000	0.008	0.008	166	156.0	0.000	0.000	0.013	0.013	168
25	618.8	0.000	0.002	0.025	0.027	1417	221.0	0.000	0.000	0.007	0.007	136	148.7	0.000	0.000	0.012	0.012	153
26	749.5	0.000	0.004	0.025	0.029	1891	214.9	0.000	0.000	0.007	0.007	128	114.9	0.000	0.000	0.011	0.011	107
27	918.2	0.000	0.000	0.031	0.031	2443	197.0	0.000	0.000	0.006	0.006	107	103.3	0.000	0.000	0.010	0.010	88
28	777.8	0.000	0.000	0.026	0.026	1754	235.4	0.000	0.000	0.001	0.001	28	109.5	0.000	0.000	0.012	0.012	115
29	409.8	0.000	0.000	0.031	0.031	1108	189.2	0.000	0.000	0.009	0.009	154	105.8	0.000	0.000	0.013	0.013	118
30	238.4	0.000	0.000	0.014	0.014	294	147.9	0.000	0.000	0.001	0.001	14	84.37	0.000	0.000	0.010	0.010	74
31							126.0	0.000	0.000	0.000	0.000	4	97.40	0.000	0.000	0.012	0.012	99
Ten Daily Mean																		
Ten Daily I	10.99	0.000	0.000	0.004	0.004	4	127.0	0.000	0.000	0.009	0.009	94	184.0	0.000	0.000	0.008	0.008	139
Ten Daily II	35.26	0.000	0.000	0.004	0.004	24	237.1	0.000	0.001	0.017	0.018	444	218.5	0.000	0.000	0.007	0.007	139
Ten Daily III	569.2	0.000	0.001	0.039	0.040	1835	243.8	0.000	0.000	0.006	0.006	156	120.7	0.000	0.000	0.011	0.011	115
Monthly																		
Total						18631						7103						4056

Annual Sediment Load (Metric Tonnes) : 38883

Daily Observed Sediment Datasheet for period : 2015-2016

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	76.03	0.000	0.000	0.002	0.002	12	130.6	0.000	0.000	0.016	0.016	180	67.89	0.000	0.000	0.018	0.018	106
2	82.02	0.000	0.000	0.010	0.010	67	118.6	0.000	0.000	0.017	0.017	176	65.34	0.000	0.000	0.018	0.018	99
3	73.12	0.000	0.000	0.009	0.009	54	94.85	0.000	0.000	0.009	0.009	73	66.30	0.000	0.000	0.011	0.011	61
4	92.26	0.000	0.000	0.020	0.020	158	83.59	0.000	0.000	0.008	0.008	56	68.40	0.000	0.000	0.010	0.010	57
5	89.12	0.000	0.000	0.012	0.012	92	73.75	0.000	0.000	0.015	0.015	92	69.34	0.000	0.000	0.003	0.003	20
6	104.2	0.000	0.000	0.071	0.071	639	101.9	0.000	0.000	0.011	0.011	99	67.45	0.000	0.000	0.021	0.021	121
7	118.9	0.000	0.000	0.006	0.006	62	111.0	0.000	0.000	0.019	0.019	181	63.14	0.000	0.000	0.017	0.017	95
8	137.2	0.000	0.000	0.006	0.006	69	90.82	0.000	0.000	0.009	0.009	69	59.60	0.000	0.000	0.014	0.014	73
9	202.3	0.000	0.000	0.013	0.013	231	112.6	0.000	0.000	0.012	0.012	117	60.73	0.000	0.000	0.011	0.011	57
10	129.5	0.000	0.000	0.002	0.002	20	122.1	0.000	0.000	0.021	0.021	217	56.61	0.000	0.000	0.011	0.011	52
11	119.0	0.000	0.000	0.001	0.001	6	123.2	0.000	0.000	0.021	0.021	220	55.65	0.000	0.000	0.010	0.010	50
12	98.75	0.000	0.000	0.015	0.015	130	93.05	0.000	0.000	0.002	0.002	15	60.20	0.000	0.000	0.011	0.011	59
13	94.06	0.000	0.000	0.014	0.014	117	96.51	0.000	0.000	0.011	0.011	92	63.59	0.000	0.000	0.019	0.019	104
14	88.64	0.000	0.000	0.017	0.017	132	92.23	0.000	0.000	0.005	0.005	42	126.7	0.000	0.000	0.024	0.024	257
15	85.25	0.000	0.000	0.008	0.008	55	85.57	0.000	0.000	0.011	0.011	84	70.04	0.000	0.000	0.025	0.025	148
16	76.81	0.000	0.000	0.009	0.009	61	78.19	0.000	0.000	0.006	0.006	39	64.57	0.000	0.000	0.026	0.026	142
17	96.56	0.000	0.000	0.012	0.012	96	73.53	0.000	0.000	0.013	0.013	85	65.98	0.000	0.000	0.020	0.020	113
18	72.58	0.000	0.000	0.017	0.017	105	70.04	0.000	0.000	0.013	0.013	77	62.08	0.000	0.000	0.005	0.005	28
19	70.31	0.000	0.000	0.017	0.017	103	69.51	0.000	0.000	0.012	0.012	74	60.19	0.000	0.000	0.004	0.004	21
20	98.24	0.000	0.000	0.024	0.024	200	68.81	0.000	0.000	0.017	0.017	100	59.33	0.000	0.000	0.002	0.002	8
21	140.8	0.000	0.000	0.004	0.004	52	72.43	0.000	0.000	0.012	0.012	73	61.56	0.000	0.000	0.004	0.004	22
22	102.0	0.000	0.000	0.004	0.004	39	64.37	0.000	0.000	0.007	0.007	39	65.77	0.000	0.000	0.016	0.016	89
23	97.82	0.000	0.000	0.008	0.008	68	65.43	0.000	0.000	0.003	0.003	14	63.41	0.000	0.000	0.023	0.023	127
24	95.47	0.000	0.000	0.009	0.009	77	61.63	0.000	0.000	0.009	0.009	46	60.38	0.000	0.000	0.013	0.013	70
25	123.2	0.000	0.000	0.012	0.012	128	60.27	0.000	0.000	0.016	0.016	84	55.65	0.000	0.000	0.005	0.005	25
26	143.3	0.000	0.000	0.019	0.019	235	63.19	0.000	0.000	0.017	0.017	92	55.56	0.000	0.000	0.005	0.005	25
27	126.0	0.000	0.000	0.011	0.011	116	61.73	0.000	0.000	0.009	0.009	46	53.93	0.000	0.000	0.006	0.006	26
28	127.1	0.000	0.000	0.011	0.011	119	60.95	0.000	0.000	0.002	0.002	9	52.42	0.000	0.000	0.016	0.016	73
29	124.7	0.000	0.000	0.011	0.011	115	67.47	0.000	0.000	0.002	0.002	13	51.82	0.000	0.000	0.016	0.016	72
30	125.1	0.000	0.000	0.012	0.012	124	72.60	0.000	0.000	0.005	0.005	29	50.78	0.000	0.000	0.008	0.008	35
31							66.21	0.000	0.000	0.017	0.017	99						
Ten Daily Mean																		
Ten Daily I	110.5	0.000	0.000	0.015	0.015	140	104.0	0.000	0.000	0.014	0.014	126	64.48	0.000	0.000	0.013	0.013	74
Ten Daily II	90.02	0.000	0.000	0.013	0.013	101	85.06	0.000	0.000	0.011	0.011	83	68.83	0.000	0.000	0.015	0.015	93
Ten Daily III	120.5	0.000	0.000	0.010	0.010	107	65.12	0.000	0.000	0.009	0.009	49	57.13	0.000	0.000	0.011	0.011	56
Monthly																		
Total						3482						2633						2235

Annual Sediment Load (Metric Tonnes) : 38883

Daily Observed Sediment Datasheet for period : 2015-2016

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	50.56	0.000	0.000	0.007	0.007	31	31.35	0.000	0.000	0.003	0.003	9	8.439	0.000	0.000	0.005	0.005	4
2	49.20	0.000	0.000	0.004	0.004	15	30.81	0.000	0.000	0.006	0.006	17	8.757	0.000	0.000	0.006	0.006	4
3	51.35	0.000	0.000	0.008	0.008	33	30.12	0.000	0.000	0.004	0.004	10	8.499	0.000	0.000	0.005	0.005	4
4	50.77	0.000	0.000	0.007	0.007	30	29.60	0.000	0.000	0.004	0.004	9	8.885	0.000	0.000	0.003	0.003	3
5	49.07	0.000	0.000	0.008	0.008	32	28.61	0.000	0.000	0.003	0.003	8	7.151	0.000	0.000	0.004	0.004	3
6	45.39	0.000	0.000	0.007	0.007	27	29.14	0.000	0.000	0.005	0.005	12	6.889	0.000	0.000	0.003	0.003	2
7	44.73	0.000	0.000	0.003	0.003	11	12.47	0.000	0.000	0.004	0.004	4	6.527	0.000	0.000	0.002	0.002	1
8	43.83	0.000	0.000	0.003	0.003	11	12.90	0.000	0.000	0.002	0.002	2	6.905	0.000	0.000	0.001	0.001	1
9	40.83	0.000	0.000	0.009	0.009	32	11.60	0.000	0.000	0.001	0.001	1	6.174	0.000	0.000	0.004	0.004	2
10	37.56	0.000	0.000	0.005	0.005	17	12.35	0.000	0.000	0.002	0.002	2	6.046	0.000	0.000	0.003	0.003	2
11	37.75	0.000	0.000	0.001	0.001	3	12.63	0.000	0.000	0.004	0.004	4	5.640	0.000	0.000	0.003	0.003	2
12	37.53	0.000	0.000	0.005	0.005	17	11.59	0.000	0.000	0.005	0.005	5	5.821	0.000	0.000	0.004	0.004	2
13	36.52	0.000	0.000	0.005	0.005	16	11.44	0.000	0.000	0.006	0.006	6	5.821	0.000	0.000	0.004	0.004	2
14	34.40	0.000	0.000	0.001	0.001	3	11.08	0.000	0.000	0.004	0.004	4	5.478	0.000	0.000	0.003	0.003	2
15	34.19	0.000	0.000	0.002	0.002	5	11.43	0.000	0.000	0.005	0.005	4	4.797	0.000	0.000	0.005	0.005	2
16	38.64	0.000	0.000	0.003	0.003	9	11.29	0.000	0.000	0.006	0.006	6	4.860	0.000	0.000	0.001	0.001	1
17	38.73	0.000	0.000	0.002	0.002	6	10.98	0.000	0.000	0.004	0.004	4	4.239	0.000	0.000	0.002	0.002	1
18	35.81	0.000	0.000	0.002	0.002	6	10.59	0.000	0.000	0.006	0.006	5	3.980	0.000	0.000	0.005	0.005	2
19	33.16	0.000	0.000	0.001	0.001	4	10.62	0.000	0.000	0.005	0.005	4	4.018	0.000	0.000	0.005	0.005	2
20	38.21	0.000	0.000	0.004	0.004	12	11.66	0.000	0.000	0.006	0.006	6	3.273	0.000	0.000	0.005	0.005	1
21	40.36	0.000	0.000	0.004	0.004	13	12.05	0.000	0.000	0.005	0.005	5	3.605	0.000	0.000	0.005	0.005	1
22	38.48	0.000	0.000	0.001	0.001	3	12.33	0.000	0.000	0.006	0.006	6	3.146	0.000	0.000	0.005	0.005	1
23	37.98	0.000	0.000	0.009	0.009	28	11.77	0.000	0.000	0.002	0.002	2	2.669	0.000	0.000	0.008	0.008	2
24	36.52	0.000	0.000	0.005	0.005	16	10.54	0.000	0.000	0.004	0.004	4	2.506	0.000	0.000	0.008	0.008	2
25	34.86	0.000	0.000	0.005	0.005	14	11.54	0.000	0.000	0.005	0.005	5	2.093	0.000	0.000	0.008	0.008	1
26	33.73	0.000	0.000	0.001	0.001	3	10.10	0.000	0.000	0.006	0.006	5	2.828	0.000	0.000	0.004	0.004	1
27	31.66	0.000	0.000	0.004	0.004	12	11.17	0.000	0.000	0.005	0.005	5	2.138	0.000	0.000	0.005	0.005	1
28	29.29	0.000	0.000	0.002	0.002	6	11.09	0.000	0.000	0.005	0.005	5	2.293	0.000	0.000	0.008	0.008	1
29	29.43	0.000	0.000	0.002	0.002	5	10.49	0.000	0.000	0.002	0.002	2	1.895	0.000	0.000	0.010	0.010	2
30	28.73	0.000	0.000	0.011	0.011	27	10.01	0.000	0.000	0.002	0.002	2						
31	31.94	0.000	0.000	0.003	0.003	9	8.842	0.000	0.000	0.002	0.002	1						
Ten Daily Mean																		
Ten Daily I	46.33	0.000	0.000	0.006	0.006	24	22.90	0.000	0.000	0.003	0.003	7	7.427	0.000	0.000	0.004	0.004	2
Ten Daily II	36.49	0.000	0.000	0.003	0.003	8	11.33	0.000	0.000	0.005	0.005	5	4.793	0.000	0.000	0.004	0.004	1
Ten Daily III	33.91	0.000	0.000	0.004	0.004	12	10.90	0.000	0.000	0.004	0.004	4	2.575	0.000	0.000	0.007	0.007	1
Monthly																		
Total						455						162						52

Annual Sediment Load (Metric Tonnes) : 38883

Daily Observed Sediment Datasheet for period : 2015-2016

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	1.717	0.000	0.000	0.006	0.006	1	0.525	0.000	0.000	0.007	0.007	0	0.488	0.000	0.000	0.005	0.005	0
2	1.097	0.000	0.000	0.013	0.013	1	0.416	0.000	0.000	0.007	0.007	0	0.509	0.000	0.000	0.005	0.005	0
3	1.085	0.000	0.000	0.004	0.004	0	0.474	0.000	0.000	0.008	0.008	0	0.316	0.000	0.000	0.004	0.004	0
4	1.138	0.000	0.000	0.006	0.006	1	0.403	0.000	0.000	0.009	0.009	0	0.682	0.000	0.000	0.002	0.002	0
5	1.101	0.000	0.000	0.006	0.006	1	0.508	0.000	0.000	0.007	0.007	0	0.972	0.000	0.000	0.002	0.002	0
6	1.048	0.000	0.000	0.005	0.005	0	0.520	0.000	0.000	0.005	0.005	0	0.743	0.000	0.000	0.006	0.006	0
7	1.124	0.000	0.000	0.004	0.004	0	0.566	0.000	0.000	0.011	0.011	1	0.778	0.000	0.000	0.008	0.008	1
8	1.011	0.000	0.000	0.005	0.005	0	0.671	0.000	0.000	0.011	0.011	1	0.833	0.000	0.000	0.008	0.008	1
9	1.048	0.000	0.000	0.005	0.005	0	0.794	0.000	0.000	0.002	0.002	0	0.744	0.000	0.000	0.008	0.008	1
10	1.048	0.000	0.000	0.005	0.005	0	0.784	0.000	0.000	0.002	0.002	0	0.839	0.000	0.000	0.005	0.005	0
11	0.836	0.000	0.000	0.005	0.005	0	0.870	0.000	0.000	0.007	0.007	0	1.048	0.000	0.000	0.011	0.011	1
12	0.831	0.000	0.000	0.004	0.004	0	2.666	0.000	0.000	0.005	0.005	1	1.658	0.000	0.000	0.006	0.006	1
13	0.578	0.000	0.000	0.008	0.008	0	2.545	0.000	0.000	0.007	0.007	2	2.585	0.000	0.000	0.006	0.006	1
14	0.703	0.000	0.000	0.012	0.012	1	2.296	0.000	0.000	0.006	0.006	1	2.579	0.000	0.000	0.008	0.008	2
15	0.668	0.000	0.000	0.012	0.012	1	1.790	0.000	0.000	0.007	0.007	1	2.083	0.000	0.000	0.007	0.007	1
16	0.689	0.000	0.000	0.009	0.009	1	2.885	0.000	0.000	0.004	0.004	1	1.864	0.000	0.000	0.006	0.006	1
17	0.692	0.000	0.000	0.009	0.009	1	2.760	0.000	0.000	0.002	0.002	1	1.864	0.000	0.000	0.005	0.005	1
18	0.527	0.000	0.000	0.007	0.007	0	2.365	0.000	0.000	0.007	0.007	1	2.740	0.000	0.000	0.004	0.004	1
19	0.558	0.000	0.000	0.005	0.005	0	1.658	0.000	0.000	0.001	0.001	0	3.467	0.000	0.000	0.006	0.006	2
20	0.474	0.000	0.000	0.005	0.005	0	1.041	0.000	0.000	0.002	0.002	0	8.431	0.000	0.000	0.004	0.004	3
21	0.390	0.000	0.000	0.008	0.008	0	0.969	0.000	0.000	0.005	0.005	0	7.709	0.000	0.000	0.004	0.004	2
22	0.483	0.000	0.000	0.004	0.004	0	0.891	0.000	0.000	0.007	0.007	1	7.232	0.000	0.000	0.003	0.003	2
23	0.444	0.000	0.000	0.004	0.004	0	0.827	0.000	0.000	0.005	0.005	0	5.451	0.000	0.000	0.001	0.001	1
24	0.454	0.000	0.000	0.011	0.011	0	0.972	0.000	0.000	0.005	0.005	0	4.857	0.000	0.000	0.002	0.002	1
25	0.390	0.000	0.000	0.008	0.008	0	0.732	0.000	0.000	0.004	0.004	0	4.592	0.000	0.000	0.011	0.011	4
26	0.416	0.000	0.000	0.012	0.012	0	0.692	0.000	0.000	0.006	0.006	0	4.735	0.000	0.000	0.012	0.012	5
27	0.315	0.000	0.000	0.009	0.009	0	0.702	0.000	0.000	0.006	0.006	0	3.930	0.000	0.000	0.005	0.005	2
28	0.390	0.000	0.000	0.008	0.008	0	0.640	0.000	0.000	0.002	0.002	0	3.811	0.000	0.000	0.011	0.011	3
29	0.264	0.000	0.000	0.007	0.007	0	0.698	0.000	0.000	0.002	0.002	0	5.109	0.000	0.000	0.007	0.007	3
30	0.532	0.000	0.000	0.005	0.005	0	0.566	0.000	0.000	0.002	0.002	0	8.063	0.000	0.000	0.004	0.004	3
31	0.558	0.000	0.000	0.007	0.007	0							8.080	0.000	0.000	0.003	0.003	2
Ten Daily Mean																		
Ten Daily I	1.142	0.000	0.000	0.006	0.006	1	0.566	0.000	0.000	0.007	0.007	0	0.690	0.000	0.000	0.005	0.005	0
Ten Daily II	0.656	0.000	0.000	0.008	0.008	0	2.088	0.000	0.000	0.005	0.005	1	2.832	0.000	0.000	0.006	0.006	1
Ten Daily III	0.421	0.000	0.000	0.008	0.008	0	0.769	0.000	0.000	0.004	0.004	0	5.779	0.000	0.000	0.006	0.006	3
Monthly Total						13						15						45

Annual Sediment Load (Metric Tonnes) : 38883

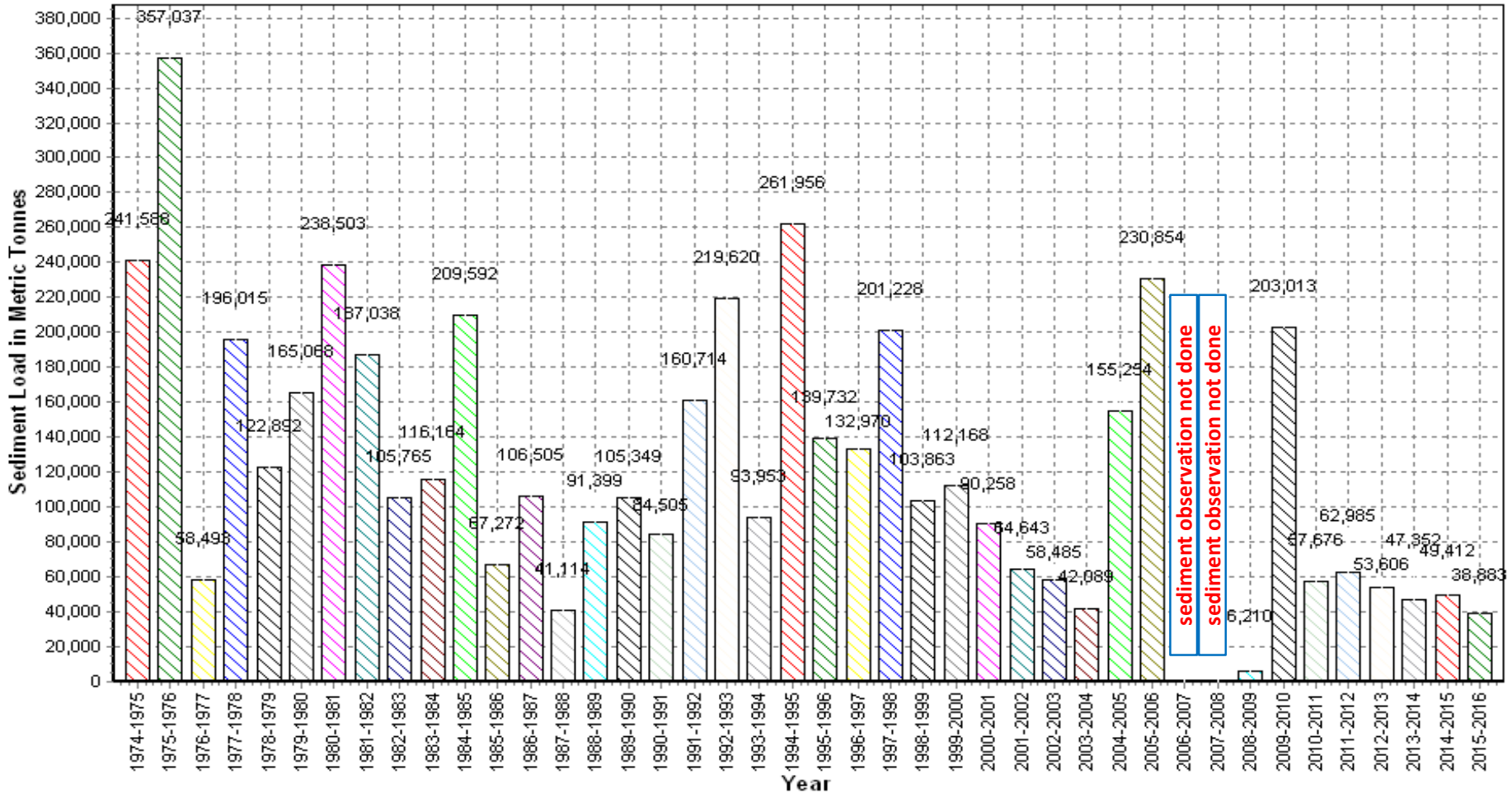
Annual Sediment Load for the period: 1974-2016

Station Name : Kudige (CC000Y5)

Local River : Cauvery

Division : Cauvery Division, Bangalore

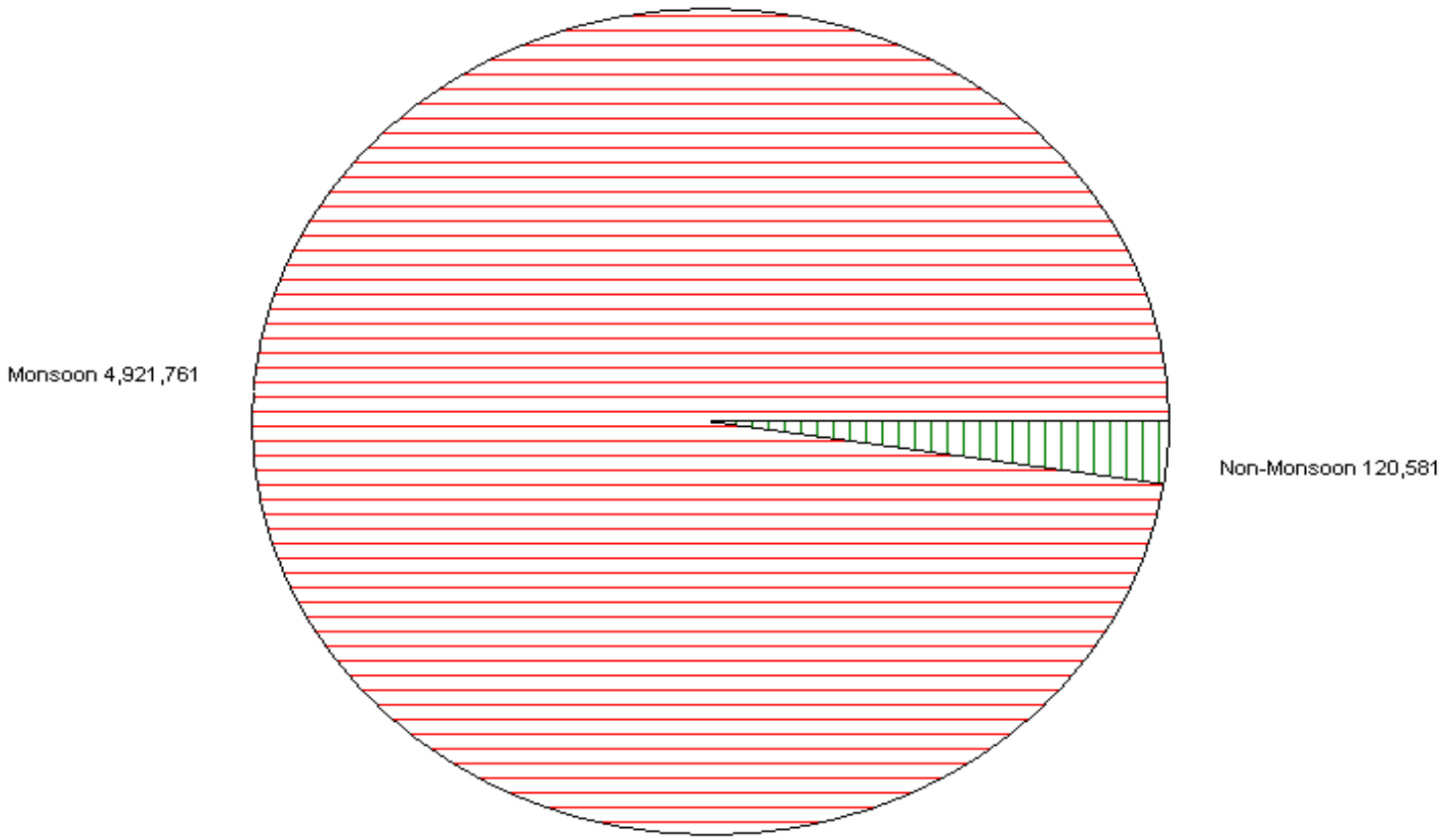
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the period : 1974-2015

Station Name : Kudige (CC000Y5)
Local River : Cauvery

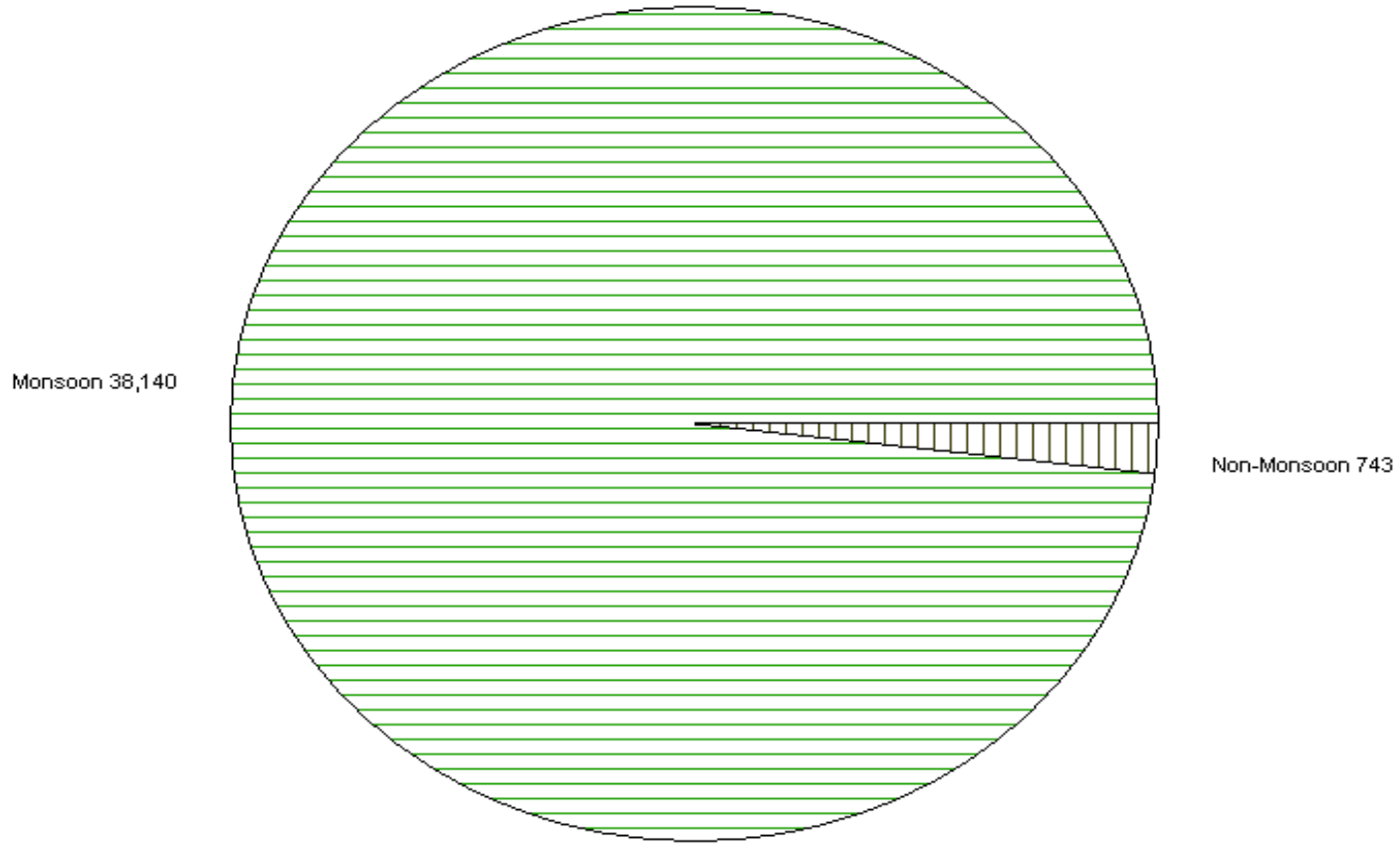
Division : Cauvery Division, Bangalore
Sub-Division : Upper Cauvery SD, Bangalore



Seasonal Sediment Load for the Year: 2015-2016

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 2015 DATE OF COLLECTION																	
1																	
2																	
3							Sample not collected										
4																	
POSTMONSOON 2015 DATE OF COLLECTION 19-12-2015																	
1	30	-	809.970	811.320	1.35	30	-	-	0.60	0.18							
2	60	-	808.420	811.320	2.90	30	0.190	2.755	5.50	1.06							
3	90	-	809.530	811.320	1.79	30	0.242	2.166	3.00	0.64	104.471	1.9367	0.1685	0.00010	33.16	21.00	1.86
4	120	-	810.250	811.320	1.07	30	-	-	21.00	5.57							
PREMONSOON 2016 DATE OF COLLECTION 07-06-2016																	
1	30	-	809.180	811.110	1.93	30			0.60	0.19							
2	60	-	808.590	811.110	2.52	30	Discharge observed at Temp. Section.		5.50	0.84							
3	90	-	809.680	811.110	1.43	30			5.50	0.94	107.399	1.7340	0.0401	0.00010	7.47	16.50	1.48
4	120	-	810.250	811.110	0.86	30			16.50	3.95							

ABBREVIATION AND SYMBOLS

Av.	:	Average
Cumecs	:	Cubic meter per second
Cum	:	Cubic meter
D	:	Days
Q	:	Discharge
G	:	Gauge
GD	:	Gauge Discharge
GDS	:	Gauge Discharge Sediment
GDSQ	:	Gauge Discharge Sediment & Water Quality
G.T.S.	:	Great Trignometrical Survey
Km.	:	Kilometer
CD	:	Cauvery Division, Bangalore.
HD	:	Hydrology Division, Chennai.
SRD	:	Southern Rivers Division, Coimbatore
SWRD	:	South Western Rivers Division, Cochin.
m.	:	Meter
mm.	:	Millimeter
m/s.	:	Meter per Second
MCM	:	Million Cubic Meter
Max.	:	Maximum
Min.	:	Minimum
M.S.L.	:	Mean Sea Level
R.L.	:	Reduced Level
Sec.	:	Second
CGL	:	Central Gauge Line
Sq.Km.	:	Square Kilometer
W.L.	:	Water Level
W.Year	:	Water Year
W.Q.	:	Water Quality
º	:	Degree (30^{o})
’	:	Minute (25’)
”	:	Second (50”)
*	:	Estimated Discharge
#	:	Discarded Discharge