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HYDROLOGICAL YEAR BOOK PUBLICATION

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Introduction

Great Attempt has been made all along to expedite the engineering processing of the stream flow data to be ready for publication, and to translate the publication plan into implementation. Efforts from various working units as well as personnel concerned pulled together to drive this work into reality. Publication of stream flow data has begun since 1966. The first yearbook publication came out as Volume 8 for the 1965 water year. It presents records of stage and discharge of 113 gauging stations in 59 streams.

Definition of terms and abbreviations

Table for converting Metric Units to English Units is on page XXX Terms related to stream flow and other hydrologic data, as used in this report, are defined as follows:

CMS-day is the volume of water represented by a flow of 1 cubic meter per second for 24 hours. It is equivalent to 86,400 cubic meters, 0.0864 million cubic meter, or 3,050,784 cubic feet, or 70.07 acre-feet, and represents a runoff of 86.4 millimeters from 1 square kilometer.

Control designates of feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Cubic meter per second (cms.) is the rate of stream discharge expressed in volume per a unit of time, One cubic meter per second is the rate of discharge representing a volume of 1 cubic meter passing a given point during 1 second.

Discharge is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Mean discharge is the arithmetic average of individual daily mean discharge during a specific period.

Momentary peak discharge is the peak discharge at a particular instant of time, at least once a year.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from rainfall would normally drains by gravity into the stream above the specified point. Figures of drainage area given herein are determined from Royal Thai Survey Department AMS map with scale of 1 to 50,000, unless otherwise noted. They include all closed basins, or noncontributing areas, with in the area unless otherwise noted.

Gage height (G.H.) is the water surface elevation above some arbitrary gage datum to which, in most cases, referred the Mean Sea Level (M.S.L.) Ko Lak datum, otherwise the arbitrary assumed datum (A.D.) being used.

Gauging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. The term "Staff gauging station" is applied only those gauging stations where only a gage height record is observed at an installed staff gage. If a water stage recorder is also installed, such a gauging station is referred as recording gauging station. In case of discharge measurements being practiced, it is referred as stream flow calibration or rating station.

Million cubic meter (mcm.) is the volume of water expressed in millions of cubic meter.

One million cubic meter is the quantity of water required to cover 1 square kilometer to a depth of 1 meter and is equivalent to 811 acre-feet, or 408.6 cfs.-day, or 264.2 million gallons.

Runoff in mcm. shows the volume of approximately effective runoff from rainfall, passing a given point for a given period of time.

Annual runoff is the volume of approximately effective runoff from rainfall accumulated during the water year.

Stage-discharge relation is the relation between gage height and the volume of water per unit of time, flowing in a channel.

Rating tables giving the discharge for any gage height are prepared from stage-discharge relation curves or rating curves.

Water year is the 12-month period, April 1 through March 31, related to annual cycle of river flow during which the river begins to rise, reaching its flood stage and subsiding toward its cyclic minimum

The water year is designated by the calendar year in which it begins and which includes 3 of 12 months. Thus, the year began April 1, 1969 is called the "1969 water year".

Order of listing of gauging data

In this format, gauging data are listed according to their code running number order. It has been found more convenient in locating the required data when the list is arranged in such manner. The station code name contains the letters standing for river name and number in running order according to the age of the station installed in that river. The station code, for example, for the Chao Phraya River at Wat Tha Hat installed in 1905 is C. 1, which is the first stream flow rating station ever built in this river.

Series of yearbook publications

The yearbook series in which the stream flow data had been published was issued as follows :

<u>Volume</u>	<u>Water Years</u>	<u>No. of station – years</u>	<u>Date of Issuance</u>
1	1912 – 1937	112	September 1976
2	1938 – 1947	103	September 1976
3	1948 – 1953	146	September 1976
4	1954 – 1956	178	September 1976
5	1957 – 1959	203	May 1974
6	1960 – 1962	213	October 1973
7	1963 – 1964	182	July 1969
8	1965	113	May 1967
9	1966	129	June 1975
10	1967	172	September 1976
11	1968	187	September 1976
12	1969	182	March 1979
13	1970	182	March 1979
14	1971	182	June 1979
15	1972	184	October 1979
16	1973	187	January 1980
17	1974	191	March 1980
18	1975	182	August 1980
19	1976	184	November 1980
20	1977	192	February 1981
21	1978	210	May 1982
22	1979	237	July 1981
23	1980	231	August 1982
24	1981	213	November 1983
25	1982	224	June 1986
26	1983	235	October 1986
27	1984	242	February 1988
28	1985	232	January 1989
29	1986	245	June 1989
30	1987	271	July 1990
31	1988	267	February 1990
32	1989	224	July 1991
33	1990	225	July 1992

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<u>Volume</u>	<u>Water Years</u>	<u>No. of station – years</u>	<u>Date of Issuance</u>
34	1991	227	July 1993
35	1992	220	May 1994
36	1993	228	April 1995
37	1994	224	August 1996
38	1995	232	July 1997
39	1996	244	August 1998
40	1997	269	August 1999
41	1998	258	August 2000
42	1999	291	August 2001
43	2000	316	September 2002
44	2001	330	September 2003
45	2002	316	October 2004
46	2003	334	October 2005
47	2004	338	November 2006
48	2005	340	December 2007

The preparation of the manuscripts of the further Volume is in progress. It is expected that they would be issued in serial order in the very near future.

STANDARD OF STREAMFLOW DATA PROCUREMENT

***** ** *****

Network design

The location of stream gauging stations is primarily based upon the urgent need at various dam sites which is accessible. By the time of expansion of the network at later date, the area or basin of "blind spot" is put at first priority backing up by the following conditions:

- (a) Accessibility.
- (b) Geographical location.
- (c) Mean annual rainfall.
- (d) Vegetation cover determined from Army Map Service topographic map with 1:50,000 or 1:250,000 scale.
- (e) Basin soil type.
- (f) Type of surface rock.

Field work

The minimum standard of basic hydrologic data for observations and measurements are equal to those recommended in the United Nations ECAFE Flood Control series No.6.

Water stage data are obtained by staff gage and by water stage recorder. Normally a vertical section staff gage is installed for manual observation with usual frequency of reading varies from 1 to 5 times of equal interval during the daytime. At some specific station where stream flow measurement camps are situated, the reading of water stage by night is also made, in addition, usually 1 to 3 times of equal interval. The standard bench mark is also established near the gage site. The 1.00 - m standard enameled staff gage section with 1 cm graduation are used with zero reading, in most cases, referred to Mean Sea Level (M.S.L.) Ko Lak datum, otherwise the assumed datum begin used. Few wire - weight gages are also adopted on highway bridges.

In some mountainous headwater area as well as in the estuary, additional installation of water stage recorder is made. A continuous record of water stage is obtained at such station. The German A. Ott type X has so far been adopted as our standard equipment. Some pneumatic recorder is also being used. Weekly visit to the gage for inspection and changing chart paper by the crew or gage observer is under practice.

At the stream flow gauging station, flow measurement by a current meter is periodically performed so that the calibration of stream section related to flow can be made through the development of stage - flow relationship or simply called "rating curve". Two types of the stream flow gauging station are under operation: with and without crew camp. Those without crew camp are under moving team and are capable for flow measurements of several stations. Those with crew camp are subject to less accessibility.

At station operated by a moving crew, at least twice a month during the monsoon period and once a month during the low flow period are expected for flow rating performance. The moving crew frequently fails to reach the stations while at their crest stages because of road damage and time available. At station with crew camp, daily rating performance may be expected, at least once whenever change of stage per day is over 30 centimeters. Fixed boat by cable way across the river is one of typical means of flow measurement by current meter for medium river, 100 m wide. Flow wider river, the boat is fixed in position by anchors.

The river cross section is requested to be made simultaneously during flow velocity measurement, so that shifting of the section could be determined. This request is lawful because there had been in the older day fashion of using cross section made during dry season for discharge computation.

The German A. Ott current meter has so far been adopted as standard equipment. The multiple - point method has been used as velocity measurement practice. At present the two - point method is carefully practiced.

Office data processing

The standard techniques used overseas are adopted in processing the data. In fact the standard methods of U.S. Geological Survey and U.S. Department of Agriculture (for small streams) are adopted as general basis.

Development of rating curve - Yearly mean rating curve is generally used as a tool in determining the daily flow. Periodically developed rating is frequently used when dictated by the conditions, so that the shifting control could be eliminated or reduced. Zero flow elevation of the rating section is determined by trial and error method with logarithmic plotting of the rating curve. Extension of the logarithmic rating line is frequently used to determine the channel flow at the over bank flow stage. The over bank flow is assessed by either direct velocity measurement or slope - area method whenever applicable.

Determination of daily mean flow - Application of the adjusted daily mean gage height to rating table gives the corresponding daily mean discharge from which the monthly and the yearly mean discharges are computed. Shifting adjustment for observed gage height is made when necessary. Shifting design is made basing on flood stages and times, if any. Other adjustments such as back water, rise and fall of flood, etc., which necessitate the use of other parametric factors, are also made, if any.

At some gauging stations where rises and falls of floods are immediate, hourly basis of gage height application to the rating curve is used to determine daily mean discharge.

At stations where rises and falls of streams are gentle, gage height data are usually obtained by manual reading.

It has been found that application of 1 to 5 times average reading (for daytime) gives an error of daily mean flow not more than 15% for mountainous streams, less than 10% for larger valley streams and not more than 5% for lower deltaic streams. Most of mountainous and valley streams are under recording operation, only deltaic streams that daytime reading are still used.

The daily mean gage heights are obtained by arithmetic mean of the observed data available. Adjusted gage heights due to shifting, which are applicable to rating curve for daily mean flow computation, are practically made.

It is noted that the daily mean flow are mostly subject to upstream diversion. Headwater utilization of water by people diversions and state-owned diversions are expected in many river basins in this country. Consequently, the virgin flow is hardly determined. Daily mean values may be replaced by the monthly mean in the case of flow measured at tail waters of existing reservoirs.

Time basis used for daily mean flow is from midnight to midnight.

Review of procedure for stream flow data processing.

Following are steps used for review the overall data before finalizing the process:

1) Checking of gage height data which are obtained either from staff gage or from water stage recorder, for the following cases:

a) Representability of daytime observation for the daily mean value, if the data are from staff gage reading.

b) Discrepancies of recording charts, if any.

c) Desirability of hourly-basis process for daily mean flow.

d) Datum's of gage observation and of the rating curve used.

e) Location of gage from which data are taken and location of gage at which the rating curve is developed.

2) Checking of availability and goodness of field measurement notes.

3) Checking of differential magnitude of gage height during discharge measurement as to which arithmetic average or weighted average is desirable.

4) Checking stability of rating curve used.

5) Review of shifting control sample and design shifting, if any.

6) Adjustment of backwater, flood wave, etc., by rate of change of falls as index, if any.

7) Overall review of daily mean flow data as an end product.

8) Checking consistency of runoff volume among those observed at the upstream and downstream stations, taking into account intervening diversions of flow, if any.

Classification of stream flow data

The station description states the degree of accuracy of the records. "Excellent" indicates that, in general, the error in the daily records is believed to be less than 5 percent; "good", less than 10 percent; "fair", less than 15 percent; "poor", probably more than 15 percent.

Future plan for computerization

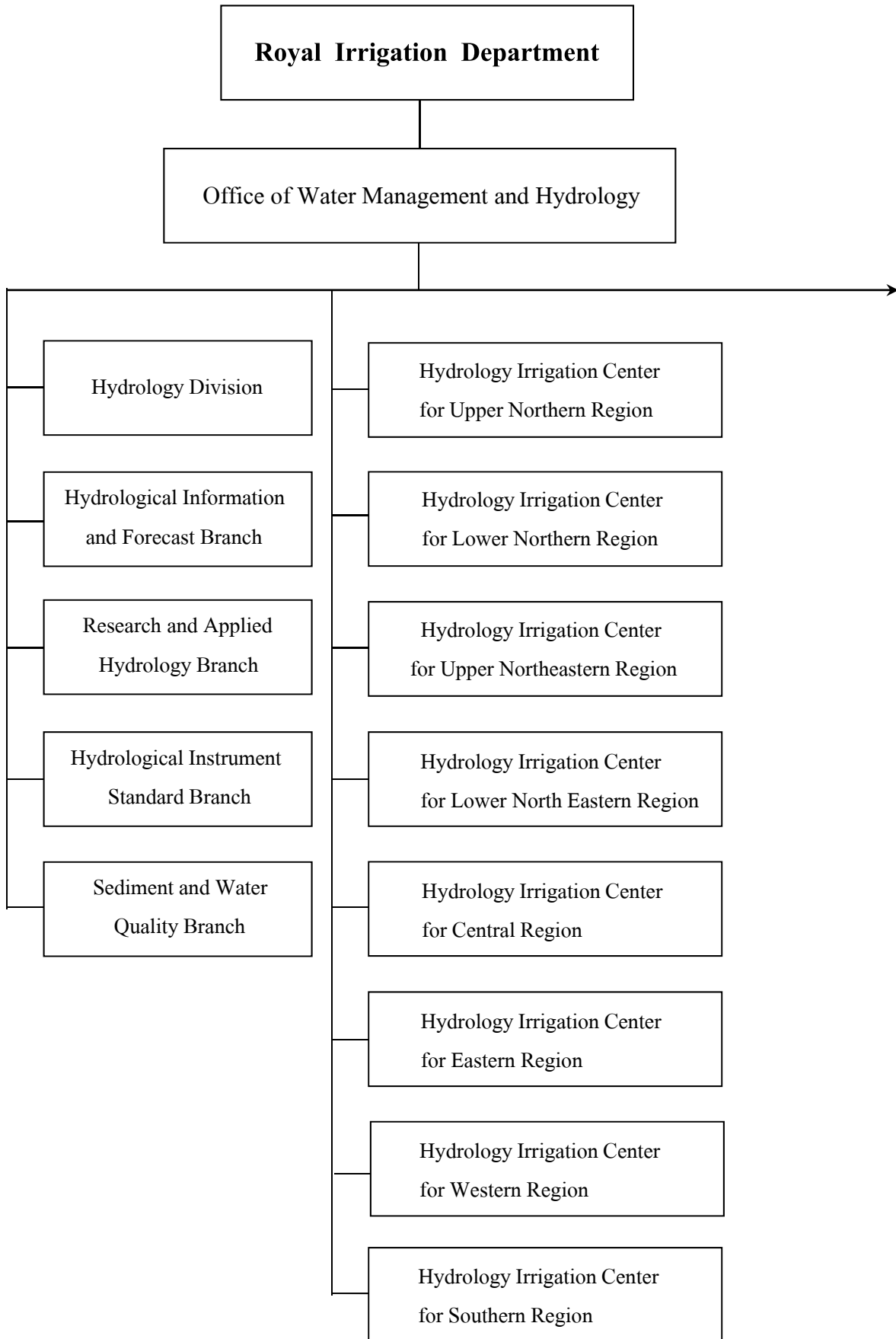
The Royal Irrigation Department (RID) has developed data system which include computerization of storage, Processing and retrieval of rainfall data since 1969. During the stream flow data system was being developed at RID in 1976, the National Economic and Social Development Board has made in agreement with the Asian Institute of Technology (AIT) to study on "Development of Water Resources Information System for Thailand". In the Contract AIT will recommend a standardized procedure to various agencies for collecting and recording hydrometeorological and hydrological data and develop a computer based data storage and retrieval system to process, store, analyze and publish the data furnished by various agencies involved in data collection.

The Water Resources Information System for Thailand (WRIST) package has been designed to provide permanent computer media storage of hydrometeorological and hydrological data in such a form that it can be readily added, to, altered or deleted and also called for analysis and presentation as required. The Indexed Sequential Method has been used for mass storage of the data and the processing and storing system have been designed taking into consideration the data processing schemes followed by the agencies, the probable frequency of retrieval expected and also the order or grouping of data elements differently for different agencies so that the system is best suited and efficient in operation for the current requirements and anticipated uses by the agencies in Thailand. The system will process and store data agency wise. The system is also designed to allow for the inclusion of additional data types if the need arise in the future. IBM 370/145 Computer facility at the AIT Bangkok will be used to develop the WRIST package. Operating programs will be written in ANS COBOL language independent of machine hardware to facilitate machine to machine transferability of the package for medium scale computers. The system has the data retrieval facility in the form of monthly and yearly publication agency wise; raw data and analysis data either in the form of computer printouts or in the direct accessible forms like cards of tapes controlled by basin, Sub-basin, region, station and data type. Data stored can also be available in the form of punched cards or punched card image on magnetic tapes so that they can be accessed by FORTRAN programs.

Organization

Stream flow data presented herein are from the hydrologic network operating by the Hydrology Division of the Royal Irrigation Department (RID). Field data collection and office data processing as well as yearbook publication are hydrologic activities undertaken by the Division.

The organization structure of the Division is diagrammatically shown below :-



PARTICIPATION IN STREAM GAUGING WORKS

* * * * *

Among 22 water related government agencies, several of them operate stream flow gauging works according to their own purposes. In early 1949 the Hydrology Section was established in the Survey Division of the Royal Irrigation Department. The Section is responsible for its activity in hydrology as prerequisite for water resources development. The activity includes:

(1) Procurement of basic hydrologic data including precipitation, stream flow, sediment, evaporation, etc.

(2) Analyses and research to produce the facts governing the behavior of water, their occurrences, circulation and distribution in its varied forms, their properties and their interaction with other allied factors.

(3) Application to water resources development and management, utilizing basic data and the facts disclosed by analyses and research.

Just one year after the beginning of water storage work, in 1953 there were only 49 discharge stations and 114 stage stations as operated by the Hydrology Section. In February 1975 the Section was separated from the Survey Division and was raised the status to be the Hydrology Division of the Royal Irrigation Department. The present network of stream gauging works contains 221 discharge stations of which 147 are currently operated and 74 are previously calibrated with continuous stage observation while 145 were abandoned, and 315 stage station are currently operated while 232 were abandoned.

After the onset of the Lower Mekong River Basin Development Scheme, the Hydrology Section was also established in the Investigation and Planning Division of the National Energy Administration which is a representative agency of Thai Government in the Lower Mekong Committee. During the period of November 1958 – May 1962, seven hydrologic stations were installed and operated by the Harza Engineering Company contracted by the Agency for International Development of the United States Government. At present the NEA operates about 90 discharge stations and 140 stage stations. A series of yearbooks has also been published.

The third agency which operates the stream gauging works is the Hydrometeorology Division of the Meteorological Department. With the technical and financial support from the World Meteorological Organization, this agency began the stream gauging works in 1967. Up till now, about 11 discharge stations and 32 stage stations are under operation. The stream gauging data are also included in their yearbook.

The last agency which operates the stream gauging works for the planning purpose is the Electricity Generating Authority of Thailand. They began to operate 15 discharge stations and 4 stage stations in 1971.

In addition, there are other agencies operating the stream gauging works for their own purposes such as watershed management and conservation program of the Royal Forestry Department. The Port Authority of Thailand carries on discharge measurement along the estuary of the Chao Phraya River for studying the sedimentation in the vicinity of the service area.

UNITS OF MEASURE AND CONVERSION FACTORS

The following factors may be used to convert the metric and Thai unit published here in to the English units.

<u>Multiply metric or Thai units</u>	<u>By</u>	<u>To obtain English Unit</u>
<u>Length</u>		
millimeters (mm.)	.03973	inches (in)
meters (m.)	39.73	inches (in)
	3.2808	feet (ft)
	1.0936	yards (yd)
	.1988	rods
kilometers (km)	.6214	miles (mi)
<u>Area</u>		
square meters (m ²)	10.76	square feet (ft ²)
	1.196	square yards (yd ²)
	2.47 x 10 ⁻⁴	acres
rai (1,600 m ² - Thai)	.3952	acres
hectares (ha)	2.4709	acres
square hectometers (hm ²)	2.4709	acres
square kilometers (km ²)	247.1	acres
	.3861	square miles (mi ²)
<u>Volume</u>		
liters (l)	.2642	gallons (gal)
Cubic decimeters (dm ³)	.2642	gallons (gal)
	.03531	cubic feet (ft ³)
	264.2	gallons (gal)
cubic meters (m ³)	2.642 x 10 ⁻⁴	million gallons (10 ⁶ gal)
	35.31	cubic feet (ft ³)
	4.086 x 10 ⁻⁴	cfs - day (ft ³ / s - day)
	8.11 x 10 ⁻⁴	acre - feet (acre - ft)
	264.2	million gallons (10 ⁶ gal)
cubic hectometers (hm ³)	408.6	cfs - day (ft ³ / s - day)
	811	acre - feet (acre - ft)
	811	acre - feet (acre - ft)
million cubic meters (mcm)	811	acre - feet (acre - ft)
cubic kilometers (km ³)	811 x 10 ³	acre - feet (acre - ft)

XXXI

<u>Multiply metric or Thai units</u>	<u>By</u>	<u>To obtain English Unit</u>
	<u>Flow</u>	
liters per second (l/s)	.03531	cubic feet per second (ft ³ / s)
	15.85	gallons per minute (gpm)
cubic decimeters per second (dm ³ / s)	.03531	cubic feet per second (ft ³ / s)
	15.85	gallons per minute (gpm)
	22.82 x 10 ⁻³	million gallons per day (mgd)
cubic meters per second (m ³ / s)	35.31	cubic feet per second (ft ³ / s)
	15,850	gallons per minute (gpm)
	22.82	million gallons per day (mgd)

* * * * *

Stream Gauging Data

Water Year 2005

WATER YEAR : 2005

SALAWIN RIVER BASIN

Huai Mae Lamao at Ban Mae Lamao , Tak (Sw.6)

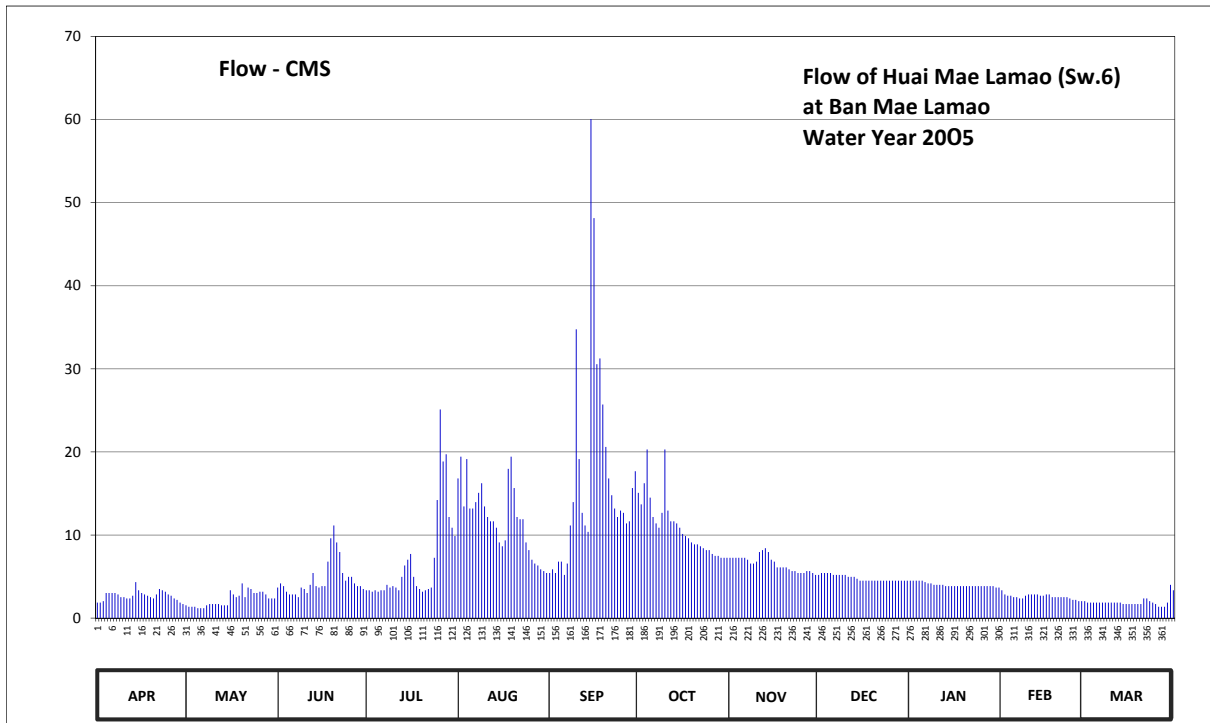
Lat 16 - 45 - 36 N Long 98 - 45 - 16 E

Location : on left bank downstream from the bridge on highway.

	Ban Mae Lamao	Amphoe Mae Sot	Changwat Tak
Drainge Area	1,009 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+268.470 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 6.25 meters from the automatic gage buiding.	Elevation	+278.846 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1971 to date		
Rating Operation			
Period of Rating	1971 to date		
Rated by Flot	-		
Rated by Current Meter	1971 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 32 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	268.84	268.82	268.95	268.93	269.49	269.04	269.43	269.12	269.03	269.00	268.93	268.85	
2	268.84	268.81	268.98	268.93	269.58	269.06	269.38	269.12	269.04	269.00	268.90	268.84	
3	268.85	268.81	268.96	268.92	269.37	269.04	269.47	269.12	269.04	269.00	268.89	268.84	
4	268.91	268.81	268.92	268.93	269.57	269.10	269.61	269.12	269.04	269.00	268.89	268.84	
5	268.91	268.80	268.90	268.92	269.36	269.10	269.41	269.12	269.04	269.00	268.88	268.84	
6	268.91	268.80	268.90	268.93	269.36	269.03	269.32	269.12	269.03	268.99	268.88	268.84	
7	268.91	268.80	268.90	268.93	269.39	269.09	269.29	269.11	269.03	268.98	268.87	268.84	
8	268.90	268.82	268.88	268.97	269.43	269.28	269.27	269.09	269.03	268.98	268.87	268.84	
9	268.88	268.83	268.95	268.95	269.47	269.39	269.34	269.09	269.03	268.97	268.89	268.84	
10	268.88	268.83	268.94	268.96	269.37	270.05	269.61	269.10	269.03	268.97	268.90	268.84	
11	268.87	268.83	268.91	268.95	269.32	269.57	269.35	269.15	269.02	268.97	268.90	268.84	
12	268.87	268.83	268.97	268.93	269.30	269.34	269.30	269.16	269.02	268.97	268.90	268.84	
13	268.89	268.82	269.04	269.02	269.30	269.28	269.30	269.17	269.02	268.96	268.90	268.84	
14	268.99	268.82	268.96	269.08	269.27	269.25	269.29	269.15	269.01	268.96	268.89	268.83	
15	268.93	268.82	268.95	269.11	269.20	270.73	269.27	269.11	269.00	268.96	268.89	268.83	
16	268.91	268.93	268.96	269.14	269.18	270.43	269.24	269.10	269.00	268.96	268.90	268.83	
17	268.90	268.90	268.96	269.02	269.21	269.93	269.23	269.07	269.00	268.96	268.90	268.83	
18	268.89	268.88	269.10	268.96	269.53	269.95	269.22	269.07	269.00	268.96	268.88	268.83	
19	268.88	268.89	269.22	268.94	269.58	269.79	269.20	269.07	269.00	268.96	268.88	268.83	
20	268.87	268.98	269.28	268.92	269.45	269.62	269.19	269.07	269.00	268.96	268.88	268.83	
21	268.90	268.88	269.20	268.93	269.32	269.49	269.19	269.06	269.00	268.96	268.88	268.87	
22	268.94	268.95	269.15	268.94	269.31	269.42	269.18	269.05	269.00	268.96	268.88	268.87	
23	268.93	268.94	269.04	268.95	269.31	269.36	269.17	269.05	269.00	268.96	268.88	268.85	
24	268.92	268.91	269.00	269.12	269.20	269.32	269.16	269.04	269.00	268.96	268.87	268.84	
25	268.90	268.91	269.02	269.40	269.16	269.35	269.16	269.04	269.00	268.96	268.86	268.83	
26	268.89	268.92	269.02	269.77	269.11	269.34	269.14	269.04	269.00	268.96	268.86	268.81	
27	268.87	268.92	268.98	269.56	269.09	269.29	269.13	269.05	269.00	268.96	268.85	268.81	
28	268.86	268.90	268.96	269.59	269.08	269.30	269.13	269.05	269.00	268.96	268.85	268.81	
29	268.84	268.87	268.96	269.32	269.06	269.45	269.12	269.04	269.00	268.96		268.84	
30	268.83	268.87	268.94	269.27	269.05	269.52	269.12	269.03	269.00	268.95		268.97	
31		268.87		269.23	269.04		269.12		269.00	268.95		268.93	
Mean	268.89	268.86	269.00	269.08	269.31	269.46	269.27	269.09	269.01	268.97	268.88	268.84	
Max	268.99	268.98	269.28	269.77	269.58	270.73	269.61	269.17	269.04	269.00	268.93	268.97	270.73
Min	268.83	268.80	268.88	268.92	269.04	269.03	269.12	269.03	269.00	268.95	268.85	268.81	268.80
Annual Max Momentary Gage Height	271.39		m. (MSL.) ,			at 17.00 Hours ,		on Sep 15 , 2005					
Zero Gage at Bottom Elevation	268.47		m. (MSL.) ,			River Bed	268.47	m. (MSL.)					
Left Bank Elevation	277.52		m. (MSL.) ,										
Right Bank Elevation	268.24		m. (MSL.) ,			Drainage Are	1009	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2015 to March 31, 2016

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.86	1.53	3.68	3.34	16.81	5.42	15.07	7.26	5.19	4.50	3.34	2.03	
2	1.86	1.37	4.17	3.34	19.42	5.88	13.69	7.26	5.42	4.50	2.85	1.86	
3	2.03	1.37	3.84	3.18	13.43	5.42	16.23	7.26	5.42	4.50	2.69	1.86	
4	3.02	1.37	3.18	3.34	19.13	6.80	20.30	7.26	5.42	4.50	2.69	1.86	
5	3.02	1.20	2.85	3.18	13.18	6.80	14.49	7.26	5.42	4.50	2.52	1.86	
6	3.02	1.20	2.85	3.34	13.18	5.19	12.16	7.26	5.19	4.33	2.52	1.86	
7	3.02	1.20	2.85	3.34	13.95	6.57	11.40	7.03	5.19	4.17	2.36	1.86	
8	2.85	1.53	2.52	4.01	15.07	11.14	10.88	6.57	5.19	4.17	2.36	1.86	
9	2.52	1.69	3.68	3.68	16.23	13.95	12.67	6.57	5.19	4.01	2.69	1.86	
10	2.52	1.69	3.51	3.84	13.43	34.75	20.30	6.80	5.19	4.01	2.85	1.86	
11	2.36	1.69	3.02	3.68	12.16	19.13	12.93	7.95	4.96	4.01	2.85	1.86	
12	2.36	1.69	4.01	3.34	11.65	12.67	11.65	8.18	4.96	4.01	2.85	1.86	
13	2.69	1.53	5.42	4.96	11.65	11.14	11.65	8.41	4.96	3.84	2.85	1.86	
14	4.33	1.53	3.84	6.34	10.88	10.37	11.40	7.95	4.73	3.84	2.69	1.69	
15	3.34	1.53	3.68	7.03	9.10	60.06	10.88	7.03	4.50	3.84	2.69	1.69	
16	3.02	3.34	3.84	7.72	8.64	48.14	10.12	6.80	4.50	3.84	2.85	1.69	
17	2.85	2.85	3.84	4.96	9.35	30.55	9.87	6.11	4.50	3.84	2.85	1.69	
18	2.69	2.52	6.80	3.84	17.97	31.25	9.61	6.11	4.50	3.84	2.52	1.69	
19	2.52	2.69	9.61	3.51	19.42	25.70	9.10	6.11	4.50	3.84	2.52	1.69	
20	2.36	4.17	11.14	3.18	15.65	20.60	8.87	6.11	4.50	3.84	2.52	1.69	
21	2.85	2.52	9.10	3.34	12.16	16.81	8.87	5.88	4.50	3.84	2.52	2.36	
22	3.51	3.68	7.95	3.51	11.90	14.78	8.64	5.65	4.50	3.84	2.52	2.36	
23	3.34	3.51	5.42	3.68	11.90	13.18	8.41	5.65	4.50	3.84	2.52	2.03	
24	3.18	3.02	4.50	7.26	9.10	12.16	8.18	5.42	4.50	3.84	2.36	1.86	
25	2.85	3.02	4.96	14.20	8.18	12.93	8.18	5.42	4.50	3.84	2.19	1.69	
26	2.69	3.18	4.96	25.10	7.03	12.67	7.72	5.42	4.50	3.84	2.19	1.37	
27	2.36	3.18	4.17	18.84	6.57	11.40	7.49	5.65	4.50	3.84	2.03	1.37	
28	2.19	2.85	3.84	19.71	6.34	11.65	7.49	5.65	4.50	3.84	2.03	1.37	
29	1.86	2.36	3.84	12.16	5.88	15.65	7.26	5.42	4.50	3.84		1.86	
30	1.69	2.36	3.51	10.88	5.65	17.68	7.26	5.19	4.50	3.68		4.01	
31		2.36		9.87	5.42		7.26		4.50	3.68		3.34	
Total	80.76	69.73	140.58	211.70	370.43	510.44	340.03	196.64	148.93	123.85	72.42	59.80	2325.31 CMSDAY
Mean	2.69	2.25	4.69	6.83	11.95	17.01	10.97	6.55	4.80	4.00	2.59	1.93	6.37 CMS
Max	4.33	4.17	11.14	25.10	19.42	60.06	20.30	8.41	5.42	4.50	3.34	4.01	60.06 CMS
Min	1.69	1.20	2.52	3.18	5.42	5.19	7.26	5.19	4.50	3.68	2.03	1.37	1.20 CMS
Runoff	6.98	6.03	12.15	18.29	32.01	44.10	29.38	16.99	12.87	10.70	6.26	5.17	200.91 MCM
Momentary Peak	90.70	CMS.	at 271.39 m. (MSL.)										on Sep 15, 2005
Runoff Yield	6.31	Liters/Second/Square KM.			6.31	Liters/Second/Square KM.							89.891 Liters/Second/Square KM.

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Mong at Ban Na Ang , Udon Thani (Kh.18)

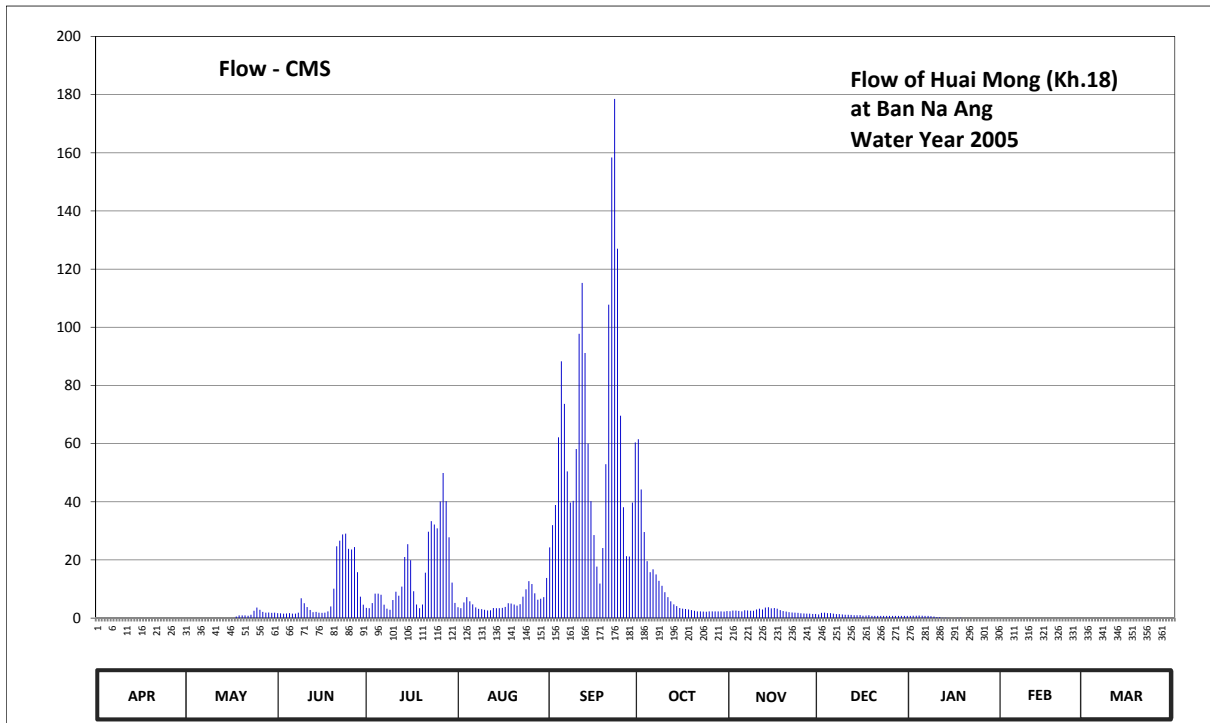
Lat 17 - 34 - 41 N Long 102 - 20 - 22 E

Location : on right bank between Phu Pha Dang and Phu Phan about 2 kilometers from Ban Na Ang.

	Ban Na Ang	Amphoe Ban Phu	Changwat Udon Thani
Drainage Area	1,309 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+183.430 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the automatic gage building.	Elevation	+191.432 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1957 to date		
Rating Operation			
Period of Rating	1957 - 1959 , 1965 - 1966 , 1974 - 1980 , 1997 to date		
Rated by Flot	-		
Rated by Current Meter	1957 - 1959 , 1965 - 1966 , 1974 - 1980 , 1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +190.020 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 14 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	184.39	182.63	185.42	185.79	185.82	188.25	190.40	185.59	185.32	185.17	184.68	183.97	
2	184.39	182.64	185.41	185.77	185.77	188.93	189.81	185.63	185.45	185.21	184.65	184.00	
3	184.38	182.69	185.39	186.06	186.10	189.47	188.73	185.63	185.46	185.20	184.62	184.00	
4	184.38	182.71	185.40	186.52	186.36	190.41	187.78	185.61	185.43	185.22	184.59	184.00	
5	184.37	182.74	185.42	186.52	186.16	190.74	187.40	185.57	185.42	185.21	184.57	183.97	
6	184.37	182.78	185.39	186.47	185.99	190.58	187.50	185.65	185.38	185.19	184.55	183.95	
7	184.37	182.81	185.39	185.97	185.81	190.07	187.31	185.64	185.34	185.19	184.52	183.95	
8	184.36	182.83	185.47	185.74	185.73	189.53	187.06	185.62	185.34	185.13	184.49	183.94	
9	184.36	182.89	186.31	185.68	185.71	189.58	186.86	185.62	185.31	185.08	184.46	183.93	
10	184.35	183.02	186.05	186.23	185.68	190.31	186.59	185.69	185.29	184.96	184.43	183.91	
11	184.35	183.21	185.83	186.61	185.64	190.83	186.36	185.74	185.29	184.95	184.41	183.90	
12	184.34	183.54	185.67	186.43	185.65	190.97	186.16	185.69	185.27	184.86	184.39	183.90	
13	184.33	183.72	185.51	186.83	185.78	190.77	185.99	185.80	185.25	184.84	184.36	183.89	
14	184.32	183.81	185.53	187.92	185.77	190.36	185.89	185.82	185.25	184.83	184.33	183.86	
15	184.30	184.04	185.46	188.36	185.77	189.57	185.78	185.76	185.26	184.80	184.31	183.84	
16	184.29	184.10	185.45	187.81	185.79	188.64	185.74	185.78	185.21	184.81	184.28	183.82	
17	184.26	184.62	185.47	186.63	185.84	187.59	185.72	185.74	185.22	184.83	184.25	183.80	
18	184.25	185.07	185.58	185.98	186.05	186.95	185.69	185.66	185.24	184.84	184.22	183.79	
19	184.25	185.23	185.87	185.77	186.03	188.23	185.66	185.60	185.18	184.79	184.19	183.78	
20	184.25	185.23	186.74	185.98	185.98	190.16	185.62	185.56	185.17	184.78	184.16	183.80	
21	184.25	185.23	188.29	187.38	185.91	190.91	185.57	185.51	185.17	184.77	184.13	183.80	
22	184.25	185.21	188.47	188.74	186.00	191.23	185.57	185.48	185.17	184.76	184.10	183.81	
23	184.24	185.29	188.66	189.04	186.38	191.33	185.56	185.46	185.17	184.76	184.08	183.81	
24	184.24	185.62	188.68	188.95	186.71	191.05	185.55	185.45	185.17	184.74	184.05	183.81	
25	184.24	185.80	188.20	188.84	187.05	190.52	185.57	185.41	185.17	184.71	183.96	183.81	
26	184.24	185.68	188.18	189.56	186.93	189.41	185.58	185.40	185.17	184.69	183.95	183.81	
27	184.24	185.53	188.26	190.05	186.54	187.95	185.58	185.38	185.17	184.69	183.95	183.81	
28	184.23	185.47	187.40	189.57	186.24	187.94	185.57	185.38	185.17	184.69	183.95	183.80	
29	184.23	185.48	186.38	188.57	186.29	189.53	185.57	185.36	185.17	184.69		183.80	
30	184.23	185.45	185.97	186.99	186.36	190.37	185.56	185.35	185.17	184.69		183.80	
31		185.46		186.07	187.18		185.60		185.17	184.69		183.80	
Mean	184.30	184.21	186.38	187.19	186.10	189.74	186.43	185.59	185.26	184.90	184.31	183.87	
Max	184.39	185.80	188.68	190.05	187.18	191.33	190.40	185.82	185.46	185.22	184.68	184.00	191.33
Min	184.23	182.63	185.39	185.68	185.64	186.95	185.55	185.35	185.17	184.69	183.95	183.78	182.63
Annual Max Momentary Gage Height	191.37		m. (MSL.) ,			at 24.00 Hours ,							
Zero Gage at Bottom Elevation	183.43		m. (MSL.) ,			River Bed	181.60	m. (MSL.)					
Left Bank Elevation		191.64		m. (MSL.) ,									
Right Bank Elevation		190.05		m. (MSL.) ,		Drainage Are	1,309	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.68	3.54	3.72	24.30	61.50	2.36	1.28	0.74	0.00	0.00	
2	0.00	0.00	1.64	3.42	3.42	31.96	44.22	2.58	1.80	0.84	0.00	0.00	
3	0.00	0.00	1.56	5.16	5.40	38.91	29.59	2.58	1.84	0.80	0.00	0.00	
4	0.00	0.00	1.60	8.40	7.20	62.18	19.60	2.46	1.72	0.88	0.00	0.00	
5	0.00	0.00	1.68	8.40	5.76	88.30	15.80	2.28	1.68	0.84	0.00	0.00	
6	0.00	0.00	1.56	8.02	4.74	73.65	16.80	2.70	1.52	0.78	0.00	0.00	
7	0.00	0.00	1.56	4.62	3.66	50.43	14.99	2.64	1.36	0.78	0.00	0.00	
8	0.00	0.00	1.88	3.24	3.18	39.69	12.81	2.52	1.36	0.66	0.00	0.00	
9	0.00	0.00	6.82	2.88	3.06	40.34	11.11	2.52	1.24	0.56	0.00	0.00	
10	0.00	0.00	5.10	6.22	2.88	58.13	8.92	2.94	1.16	0.32	0.00	0.00	
11	0.00	0.00	3.78	9.08	2.64	97.75	7.20	3.24	1.16	0.30	0.00	0.00	
12	0.00	0.00	2.82	7.72	2.70	115.25	5.76	2.94	1.08	0.12	0.00	0.00	
13	0.00	0.00	2.04	10.85	3.48	91.15	4.74	3.60	1.00	0.08	0.00	0.00	
14	0.00	0.00	2.12	21.00	3.42	60.00	4.14	3.72	1.00	0.06	0.00	0.00	
15	0.00	0.00	1.84	25.40	3.42	40.21	3.48	3.36	1.04	0.00	0.00	0.00	
16	0.00	0.00	1.80	19.90	3.54	28.56	3.24	3.48	0.84	0.02	0.00	0.00	
17	0.00	0.00	1.88	9.24	3.84	17.70	3.12	3.24	0.88	0.06	0.00	0.00	
18	0.00	0.54	2.32	4.68	5.10	11.87	2.94	2.76	0.96	0.08	0.00	0.00	
19	0.00	0.92	4.02	3.42	4.98	24.10	2.76	2.40	0.76	0.00	0.00	0.00	
20	0.00	0.92	10.12	4.68	4.68	52.90	2.52	2.24	0.74	0.00	0.00	0.00	
21	0.00	0.92	24.70	15.62	4.26	107.75	2.28	2.04	0.74	0.00	0.00	0.00	
22	0.00	0.84	26.61	29.71	4.80	158.40	2.28	1.92	0.74	0.00	0.00	0.00	
23	0.00	1.16	28.79	33.32	7.35	178.50	2.24	1.84	0.74	0.00	0.00	0.00	
24	0.00	2.52	29.02	32.20	9.88	127.00	2.20	1.80	0.74	0.00	0.00	0.00	
25	0.00	3.60	23.80	30.88	12.73	69.60	2.28	1.64	0.74	0.00	0.00	0.00	
26	0.00	2.88	23.60	40.08	11.70	38.13	2.32	1.60	0.74	0.00	0.00	0.00	
27	0.00	2.12	24.40	49.88	8.55	21.30	2.32	1.52	0.74	0.00	0.00	0.00	
28	0.00	1.88	15.80	40.21	6.30	21.20	2.28	1.52	0.74	0.00	0.00	0.00	
29	0.00	1.92	7.35	27.76	6.67	39.69	2.28	1.44	0.74	0.00	0.00	0.00	
30	0.00	1.80	4.62	12.22	7.20	60.38	2.24	1.40	0.74	0.00	0.00	0.00	
31		1.84		5.22	13.83		2.40		0.74	0.00		0.00	
Total	0.00	23.86	266.51	486.97	174.09	1869.33	300.36	73.28	32.56	7.92	0.00	0.00	3234.88 CMSDAY
Mean	0.00	0.77	8.88	15.71	5.62	62.31	9.69	2.44	1.05	0.26	0.00	0.00	8.86 CMS
Max	0.00	3.60	29.02	49.88	13.83	178.50	61.50	3.72	1.84	0.88	0.00	0.00	178.50 CMS
Min	0.00	0.00	1.56	2.88	2.64	11.87	2.20	1.40	0.74	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	2.06	23.03	42.07	15.04	161.51	25.95	6.33	2.81	0.68	0.00	0.00	279.49 MCM
Momentary Peak	188.50	CMS.	at 191.37 m. (MSL.)	at 24.00 Hours	, on Sep 22, 2005								
Runoff Yield	6.77	Liters/Second/Square KM.		Momentary Peak Yield	144.003	Liters/Second/Square KM.							

WATER YEAR : 2005

KHONG RIVER BASIN

Loei River at Ban Na Lak , Loei (Kh.28A)

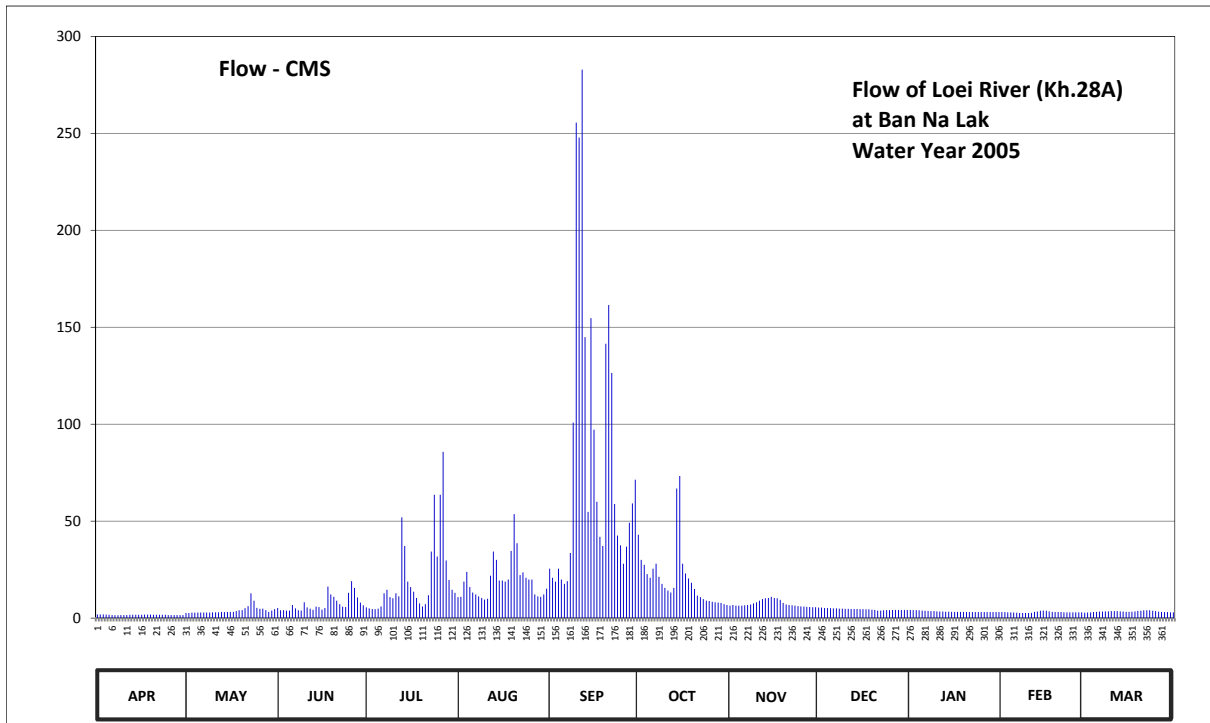
Lat 17 - 18 - 32 N Long 101 - 46 - 25 E

Location : on right bank at the bridge of Wang Saphung - Loei Highway.

	Ban Na Lak	Amphoe Wang Saphung	Changwat Loei
Drainage Area	1,271 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+239.620 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank upstream at the footpath of the bridge.	Elevation	+253.928 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1994 to date		
Rating Operation			
Period of Rating	1994 to date		
Rated by Flot	-		
Rated by Current Meter	1994 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	239.59	239.66	239.92	239.95	240.24	240.84	241.36	240.02	239.94	239.82	239.71	239.68	
2	239.59	239.66	239.80	239.90	240.25	240.67	241.00	240.04	239.94	239.81	239.71	239.69	
3	239.59	239.68	239.81	239.87	240.60	240.60	240.91	240.02	239.92	239.81	239.70	239.70	
4	239.58	239.68	239.79	239.86	240.78	240.84	240.74	240.02	239.92	239.80	239.70	239.71	
5	239.57	239.69	239.79	239.89	240.50	240.64	240.67	240.02	239.91	239.79	239.69	239.72	
6	239.56	239.69	240.04	240.00	240.36	240.56	240.84	240.03	239.90	239.78	239.68	239.74	
7	239.55	239.69	239.90	240.34	240.31	240.61	240.93	240.04	239.90	239.77	239.66	239.74	
8	239.55	239.69	239.80	240.43	240.26	241.10	240.69	240.05	239.89	239.76	239.66	239.75	
9	239.56	239.69	239.79	240.24	240.22	242.67	240.56	240.08	239.89	239.76	239.66	239.75	
10	239.56	239.70	240.11	240.21	240.18	245.11	240.48	240.11	239.88	239.75	239.66	239.76	
11	239.56	239.70	239.95	240.34	240.20	245.01	240.41	240.15	239.88	239.74	239.67	239.76	
12	239.57	239.70	239.89	240.26	240.71	245.46	240.36	240.19	239.87	239.74	239.72	239.76	
13	239.57	239.71	239.83	241.60	241.12	243.48	240.48	240.21	239.87	239.73	239.74	239.75	
14	239.57	239.71	239.99	241.20	241.00	241.67	241.97	240.22	239.87	239.73	239.78	239.74	
15	239.57	239.71	239.97	240.60	240.62	243.64	242.11	240.25	239.86	239.72	239.79	239.72	
16	239.57	239.72	239.84	240.50	240.62	242.60	240.93	240.22	239.86	239.72	239.78	239.72	
17	239.58	239.72	239.92	240.38	240.60	241.80	240.75	240.21	239.85	239.72	239.75	239.73	
18	239.58	239.76	240.51	240.22	240.64	241.33	240.66	240.17	239.85	239.72	239.72	239.75	
19	239.58	239.80	240.31	240.08	241.13	241.20	240.58	240.09	239.83	239.72	239.71	239.77	
20	239.57	239.81	240.25	240.00	241.64	243.42	240.45	240.05	239.82	239.71	239.71	239.78	
21	239.57	239.91	240.15	240.06	241.24	243.75	240.28	240.04	239.79	239.71	239.71	239.80	
22	239.57	240.01	240.06	240.29	240.72	243.15	240.24	240.03	239.79	239.71	239.70	239.80	
23	239.57	240.34	239.99	241.12	240.77	241.77	240.19	240.02	239.80	239.71	239.70	239.80	
24	239.57	240.15	239.97	241.89	240.67	241.35	240.15	240.01	239.81	239.71	239.70	239.78	
25	239.56	239.93	240.35	241.05	240.64	241.21	240.14	240.00	239.81	239.71	239.70	239.76	
26	239.56	239.88	240.61	241.89	240.64	240.93	240.12	239.99	239.82	239.71	239.70	239.73	
27	239.56	239.89	240.48	242.37	240.31	241.19	240.11	239.98	239.82	239.71	239.70	239.72	
28	239.56	239.81	240.23	240.99	240.26	241.53	240.10	239.97	239.82	239.71	239.70	239.71	
29	239.56	239.72	240.10	240.63	240.25	241.78	240.09	239.96	239.82	239.71	239.71	239.71	
30	239.56	239.79	240.03	240.43	240.31	242.07	240.06	239.96	239.82	239.71	239.66	239.70	
31		239.86		240.35	240.46		240.04		239.82	239.71		239.70	
Mean	239.57	239.79	240.04	240.55	240.59	242.07	240.59	240.07	239.86	239.74	239.71	239.74	
Max	239.59	240.34	240.61	242.37	241.64	245.46	242.11	240.25	239.94	239.82	239.79	239.80	245.46
Min	239.55	239.66	239.79	239.86	240.18	240.56	240.04	239.96	239.79	239.71	239.66	239.68	239.55
Annual Max Momentary Gage Height	245.80		m. (MSL.) ,			at 11.00 Hours ,							
Zero Gage at Bottom Elevation	239.62		m. (MSL.) ,			River Bed	238.055	m. (MSL.)					
Left Bank Elevation	253.61		m. (MSL.) ,										
Right Bank Elevation	253.66		m. (MSL.) ,			Drainage Area	1,271	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.90	2.60	5.20	5.50	10.80	25.52	42.96	6.40	5.40	4.20	3.10	2.80	
2	1.90	2.60	4.00	5.00	11.00	20.76	30.00	6.80	5.40	4.10	3.10	2.90	
3	1.90	2.80	4.10	4.70	18.80	18.80	27.48	6.40	5.20	4.10	3.00	3.00	
4	1.80	2.80	3.90	4.60	23.84	25.52	22.72	6.40	5.20	4.00	3.00	3.10	
5	1.70	2.90	3.90	4.90	16.00	19.92	20.76	6.40	5.10	3.90	2.90	3.20	
6	1.60	2.90	6.80	6.00	13.20	17.68	25.52	6.60	5.00	3.80	2.80	3.40	
7	1.50	2.90	5.00	12.80	12.20	19.08	28.04	6.80	5.00	3.70	2.60	3.40	
8	1.50	2.90	4.00	14.60	11.20	33.60	21.32	7.00	4.90	3.60	2.60	3.50	
9	1.60	2.90	3.90	10.80	10.40	100.84	17.68	7.60	4.90	3.60	2.60	3.50	
10	1.60	3.00	8.20	10.20	9.60	255.58	15.60	8.20	4.80	3.50	2.60	3.60	
11	1.60	3.00	5.50	12.80	10.00	247.78	14.20	9.00	4.80	3.40	2.70	3.60	
12	1.70	3.00	4.90	11.20	21.88	282.88	13.20	9.80	4.70	3.40	3.20	3.60	
13	1.70	3.10	4.30	52.00	34.32	144.88	15.60	10.20	4.70	3.30	3.40	3.50	
14	1.70	3.10	5.90	37.20	30.00	54.80	66.80	10.40	4.70	3.30	3.80	3.40	
15	1.70	3.10	5.70	18.80	19.36	154.68	73.28	11.00	4.60	3.20	3.90	3.20	
16	1.70	3.20	4.40	16.00	19.36	97.20	28.04	10.40	4.60	3.20	3.80	3.20	
17	1.80	3.20	5.20	13.60	18.80	60.00	23.00	10.20	4.50	3.20	3.50	3.30	
18	1.80	3.60	16.28	10.40	19.92	41.88	20.48	9.40	4.50	3.20	3.20	3.50	
19	1.80	4.00	12.20	7.60	34.68	37.20	18.24	7.80	4.30	3.20	3.10	3.70	
20	1.70	4.10	11.00	6.00	53.60	141.52	15.00	7.00	4.20	3.10	3.10	3.80	
21	1.70	5.10	9.00	7.20	38.64	161.50	11.60	6.80	3.90	3.10	3.10	4.00	
22	1.70	6.20	7.20	11.80	22.16	126.40	10.80	6.60	3.90	3.10	3.00	4.00	
23	1.70	12.80	5.90	34.32	23.56	58.80	9.80	6.40	4.00	3.10	3.00	4.00	
24	1.70	9.00	5.70	63.60	20.76	42.60	9.00	6.20	4.10	3.10	3.00	3.80	
25	1.60	5.30	13.00	31.80	19.92	37.56	8.80	6.00	4.10	3.10	3.00	3.60	
26	1.60	4.80	19.08	63.60	19.92	28.04	8.40	5.90	4.20	3.10	3.00	3.30	
27	1.60	4.90	15.60	85.76	12.20	36.84	8.20	5.80	4.20	3.10	3.00	3.20	
28	1.60	4.10	10.60	29.72	11.20	49.20	8.00	5.70	4.20	3.10	3.00	3.10	
29	1.60	3.20	8.00	19.64	11.00	59.20	7.80	5.60	4.20	3.10		3.10	
30	1.60	3.90	6.60	14.60	12.20	71.36	7.20	5.60	4.20	3.10		3.00	
31		4.60		13.00	15.20		6.80		4.20	3.10		3.00	
Total	50.60	125.60	225.06	639.74	605.72	2471.62	636.32	224.40	141.70	105.10	86.10	105.30	5417.26
Mean	1.69	4.05	7.50	20.64	19.54	82.39	20.53	7.48	4.57	3.39	3.08	3.40	14.84
Max	1.90	12.80	19.08	85.76	53.60	282.88	73.28	11.00	5.40	4.20	3.90	4.00	282.88
Min	1.50	2.60	3.90	4.60	9.60	17.68	6.80	5.60	3.90	3.10	2.60	2.80	1.50
Runoff	4.37	10.85	19.45	55.27	52.33	213.55	54.98	19.39	12.24	9.08	7.44	9.10	468.05
Momentary Peak	310.00 CMS. at 245.80 m. (MSL.) at 11.00 Hours , on Sep 12 , 2005												
Runoff Yield	11.68 Liters/Second/Square KM.			Momentary Peak Yield				243.902 Liters/Second/Square KM.					

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Luang at Ban Nong Wua So , Udon Thani (Kh.53)

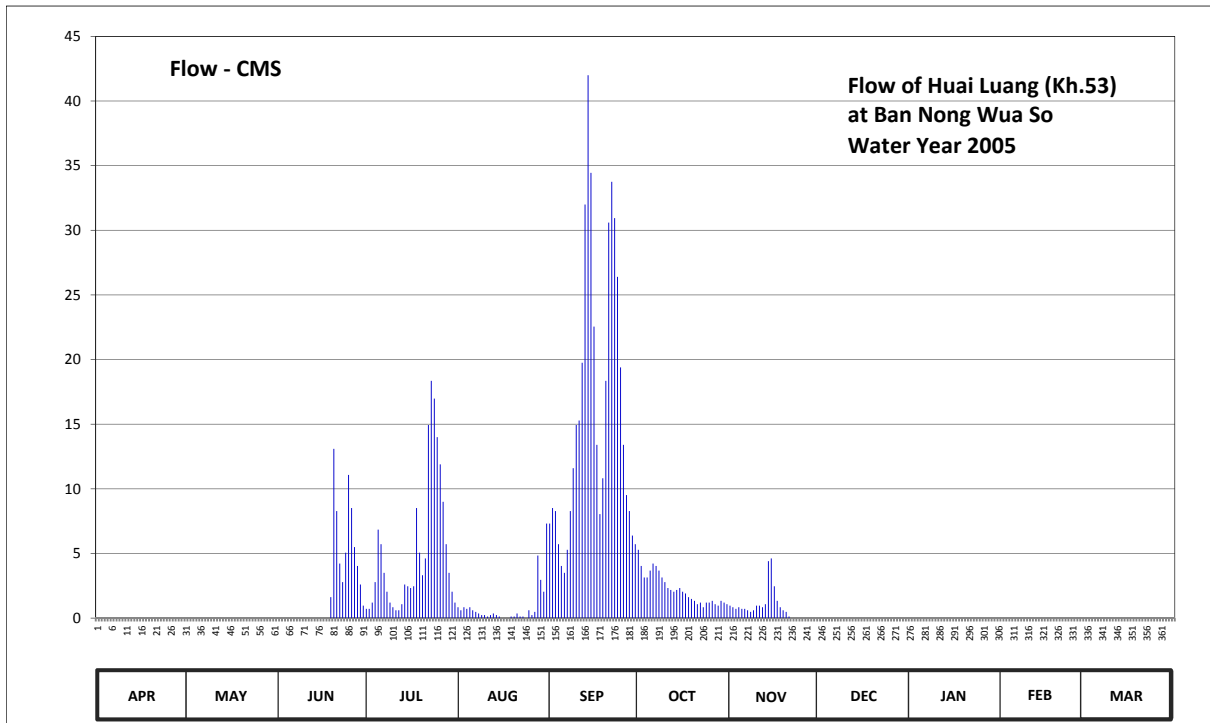
Lat 17 - 15 - 51 N Long 102 - 35 - 47 E

Location : on right bank at the bridge of Udon Thani - Nong Bua Lamphu Highway at guidepost 26.5

	Ban Nong Wua So	Amphoe Nong Wua So	Changwat Udon Thani
Drainage Area	421 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+201.314 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank downstream side at the footpath of the bridge.	Elevation	+206.018 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1970 to date		
Rating Operation			
Period of Rating	1975 - 1986 , 1997 to date		
Rated by Flot	-		
Rated by Current Meter	1975 - 1986 , 1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Huai Luang barrage. Stage-discharge relation defined by 13 discharge measurements made in 2005.		

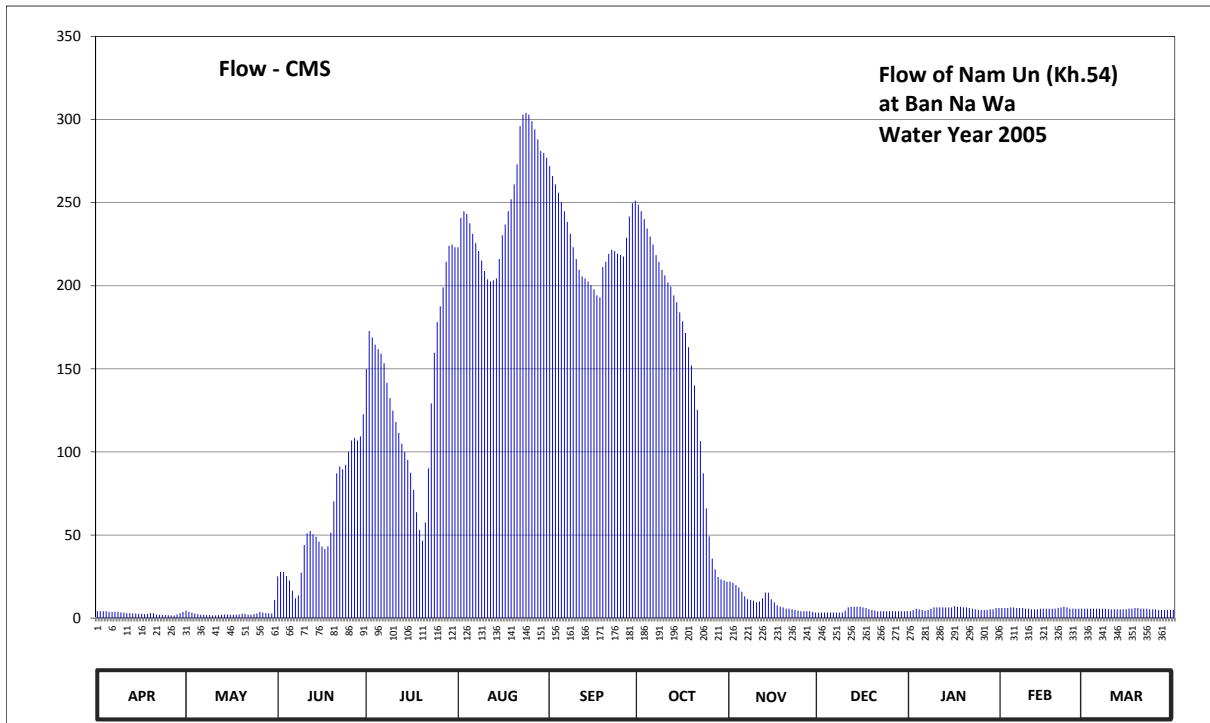
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	203.17	203.14	203.31	204.16	204.17	204.53	204.44	204.18	204.09	204.04	203.86	203.38	
2	203.17	203.10	203.31	204.16	204.15	204.58	204.38	204.17	204.09	204.04	203.79	203.36	
3	203.17	203.06	203.33	204.20	204.17	204.57	204.33	204.16	204.08	204.04	203.73	203.34	
4	203.17	203.03	203.32	204.31	204.16	204.46	204.33	204.17	204.08	204.05	203.72	203.33	
5	203.17	203.01	203.31	204.51	204.17	204.38	204.36	204.16	204.08	204.05	203.72	203.32	
6	203.17	203.00	203.31	204.46	204.15	204.35	204.39	204.16	204.08	204.05	203.71	203.32	
7	203.17	202.99	203.31	204.35	204.14	204.44	204.38	204.15	204.08	204.04	203.71	203.31	
8	203.16	203.00	203.31	204.26	204.13	204.57	204.36	204.14	204.07	204.04	203.71	203.31	
9	203.16	203.00	203.31	204.20	204.12	204.70	204.33	204.15	204.07	204.03	203.69	203.31	
10	203.13	203.00	203.31	204.17	204.12	204.81	204.31	204.18	204.07	204.04	203.68	203.30	
11	203.11	203.00	203.31	204.15	204.11	204.82	204.28	204.18	204.07	204.03	203.68	203.30	
12	203.11	203.05	203.29	204.15	204.12	204.95	204.27	204.17	204.06	204.03	203.67	203.30	
13	203.11	203.09	203.29	204.19	204.13	205.30	204.26	204.19	204.07	204.03	203.68	203.29	
14	203.14	203.14	203.29	204.30	204.12	205.56	204.27	204.40	204.07	204.02	203.69	203.27	
15	203.11	203.23	203.30	204.29	204.11	205.37	204.28	204.41	204.07	204.01	203.68	203.26	
16	203.11	203.31	203.32	204.28	204.10	205.03	204.26	204.29	204.07	204.00	203.68	203.25	
17	203.18	203.31	203.44	204.29	204.09	204.76	204.25	204.21	204.07	203.98	203.66	203.24	
18	203.18	203.33	203.66	204.58	204.10	204.56	204.23	204.17	204.07	203.98	203.66	203.25	
19	203.17	203.33	204.23	204.43	204.11	204.67	204.22	204.15	204.07	203.98	203.66	203.24	
20	203.17	203.33	204.75	204.34	204.11	204.91	204.21	204.14	204.07	203.99	203.65	203.23	
21	203.18	203.33	204.57	204.41	204.13	205.26	204.19	204.11	204.07	203.98	203.62	203.24	
22	203.18	203.35	204.39	204.81	204.11	205.35	204.20	204.10	204.07	203.98	203.60	203.25	
23	203.17	203.35	204.31	204.91	204.11	205.27	204.17	204.10	204.07	203.98	203.58	203.24	
24	203.16	203.35	204.43	204.87	204.10	205.14	204.20	204.10	204.07	203.98	203.51	203.24	
25	203.15	203.34	204.68	204.78	204.15	204.94	204.20	204.10	204.07	203.97	203.41	203.23	
26	203.14	203.34	204.58	204.71	204.12	204.76	204.21	204.10	204.07	203.96	203.38	203.23	
27	203.13	203.34	204.45	204.60	204.14	204.62	204.19	204.10	204.07	203.94	203.38	203.23	
28	203.13	203.33	204.38	204.46	204.42	204.57	204.18	204.09	204.07	203.91	203.38	203.21	
29	203.14	203.34	204.30	204.35	204.32	204.49	204.21	204.09	204.07	203.89		203.20	
30	203.15	203.34	204.18	204.26	204.26	204.46	204.20	204.09	204.07	203.89		203.20	
31		203.34		204.20	204.53		204.19		204.07	203.89		203.20	
Mean	203.15	203.20	203.78	204.39	204.16	204.81	204.27	204.16	204.07	203.99	203.64	203.27	
Max	203.18	203.35	204.75	204.91	204.53	205.56	204.44	204.41	204.09	204.05	203.86	203.38	205.56
Min	203.11	202.99	203.29	204.15	204.09	204.35	204.17	204.09	204.06	203.89	203.38	203.20	202.99
Annual Max Momentary Gage Height	205.59		m. (MSL.) ,				at 09.00 Hours , on Sep 14 , 2005						
Zero Gage at Bottom Elevation	201.31		m. (MSL.) ,			River Bed	201.60		m. (MSL.)				
Left Bank Elevation		207.85		m. (MSL.) ,									
Right Bank Elevation		207.88		m. (MSL.) ,		Drainage Are	421		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.72	0.84	7.32	5.28	0.96	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.72	0.60	8.52	4.04	0.84	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	1.20	0.84	8.28	3.14	0.72	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	2.78	0.72	5.72	3.14	0.84	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	6.84	0.84	4.04	3.68	0.72	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	5.72	0.60	3.50	4.22	0.72	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	3.50	0.48	5.28	4.04	0.60	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	2.04	0.36	8.28	3.68	0.48	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	1.20	0.24	11.60	3.14	0.60	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.84	0.24	14.94	2.78	0.96	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.60	0.12	15.28	2.32	0.96	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.60	0.24	19.75	2.18	0.84	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	1.08	0.36	32.00	2.04	1.08	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	2.60	0.24	42.00	2.18	4.40	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	2.46	0.12	34.45	2.32	4.62	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	2.32	0.00	22.55	2.04	2.46	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	2.46	0.00	13.40	1.90	1.34	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	8.52	0.00	8.04	1.62	0.84	0.00	0.00	0.00	0.00	
19	0.00	0.00	1.62	5.06	0.12	10.82	1.48	0.60	0.00	0.00	0.00	0.00	
20	0.00	0.00	13.10	3.32	0.12	18.35	1.34	0.48	0.00	0.00	0.00	0.00	
21	0.00	0.00	8.28	4.62	0.36	30.60	1.08	0.12	0.00	0.00	0.00	0.00	
22	0.00	0.00	4.22	14.94	0.12	33.75	1.20	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	2.78	18.35	0.12	30.95	0.84	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	5.06	16.98	0.00	26.40	1.20	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	11.08	14.00	0.60	19.40	1.20	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	8.52	11.90	0.24	13.40	1.34	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	5.50	9.00	0.48	9.52	1.08	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	4.04	5.72	4.84	8.28	0.96	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	2.60	3.50	2.96	6.38	1.34	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.96	2.04	2.04	5.72	1.20	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00		1.20	7.32		1.08		0.00	0.00		0.00	
Total	0.00	0.00	67.76	156.83	26.16	478.52	69.08	25.18	0.00	0.00	0.00	0.00	823.53 CMSDAY
Mean	0.00	0.00	2.26	5.06	0.84	15.95	2.23	0.84	0.00	0.00	0.00	0.00	2.26 CMS
Max	0.00	0.00	13.10	18.35	7.32	42.00	5.28	4.62	0.00	0.00	0.00	0.00	42.00 CMS
Min	0.00	0.00	0.00	0.60	0.00	3.50	0.84	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	5.85	13.55	2.26	41.34	5.97	2.18	0.00	0.00	0.00	0.00	71.15 MCM
Momentary Peak	43.50	CMS. at 205.59 m. (MSL.) at 09.00 Hours , on Sep 14 , 2005											
Runoff Yield	5.36	Liters/Second/Square KM. Momentary Peak Yield 103.325 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.14	4.52	25.08	149.80	223.20	272.00	248.80	21.90	3.38	4.14	6.04	5.66	
2	4.14	3.76	27.82	172.66	240.80	266.00	244.80	21.20	3.38	4.90	6.04	5.66	
3	4.14	3.38	27.82	168.88	244.80	261.00	240.00	19.80	3.38	5.66	6.04	5.66	
4	4.14	2.80	25.20	164.56	243.20	256.00	234.40	18.40	3.38	5.28	6.42	5.66	
5	3.76	2.40	22.60	161.86	237.60	250.40	229.60	15.88	3.38	4.90	6.42	5.66	
6	3.76	2.00	16.44	159.16	231.20	244.80	224.80	13.08	3.38	4.52	6.04	5.66	
7	3.76	2.00	11.96	153.40	225.60	238.40	218.40	11.40	3.38	4.90	6.04	5.66	
8	3.76	1.80	13.64	141.60	220.80	231.20	214.40	10.94	3.38	5.66	6.04	5.66	
9	3.38	1.80	27.34	132.40	215.20	223.20	209.60	10.48	3.38	6.42	5.66	5.28	
10	3.38	1.60	44.00	124.84	208.80	216.00	206.20	9.56	4.52	6.42	5.66	5.28	
11	3.00	1.60	51.00	118.00	203.80	209.60	202.00	10.02	6.42	6.42	5.28	5.28	
12	3.00	1.80	52.40	111.52	202.60	205.60	199.60	11.96	6.80	6.42	5.28	5.28	
13	2.80	2.00	50.40	105.04	203.20	204.40	194.20	15.32	6.80	6.42	5.28	5.28	
14	2.80	2.20	49.00	100.00	204.40	202.60	190.00	15.32	6.80	6.42	5.66	5.28	
15	2.60	2.20	46.00	95.20	216.00	200.20	184.00	11.40	6.80	6.42	5.66	5.28	
16	2.60	2.00	43.00	87.40	230.40	197.80	178.60	9.56	6.42	7.26	5.66	5.66	
17	2.40	2.00	41.60	77.20	236.80	194.20	171.58	7.72	6.04	6.80	5.66	5.66	
18	2.60	2.00	43.20	63.75	244.80	193.00	162.94	6.80	5.28	6.80	5.66	6.04	
19	3.00	2.20	51.40	53.00	252.00	211.20	152.05	6.42	4.90	6.42	5.66	6.04	
20	3.00	2.60	70.30	46.60	261.00	214.40	140.00	5.66	4.52	6.42	6.04	5.66	
21	2.20	2.60	87.10	57.60	273.00	219.20	125.20	5.66	4.14	6.04	6.42	5.66	
22	2.00	2.00	91.30	90.10	296.00	221.60	106.48	5.28	4.14	5.66	6.80	5.66	
23	2.00	2.00	89.50	129.16	303.00	220.80	87.10	4.90	4.14	5.28	6.42	5.28	
24	1.80	2.40	92.20	159.70	304.00	219.20	66.00	4.52	4.14	4.90	5.66	5.28	
25	1.80	2.80	100.00	178.06	303.00	218.40	49.20	4.14	4.14	4.90	5.66	5.28	
26	1.60	3.76	106.84	187.60	299.00	217.60	35.85	4.14	4.14	4.90	5.66	4.90	
27	1.60	3.38	108.28	199.00	294.00	228.80	29.32	4.14	4.14	4.90	5.66	4.90	
28	2.20	3.00	106.84	214.40	288.00	241.60	24.72	4.14	4.14	5.28	5.66	4.90	
29	3.00	3.00	109.36	224.00	281.00	249.60	23.30	3.76	4.14	5.28	4.90	4.90	
30	3.76	2.80	122.68	224.80	280.00	251.20	22.60	3.38	4.14	6.04	4.90	4.90	
31		10.94		223.20	277.00		21.90		4.14	6.04		4.90	
Total	88.12	85.34	1754.30	4274.49	7744.20	6780.00	4637.64	296.88	141.26	177.82	164.18	167.86	26312.09 CMSDAY
Mean	2.94	2.75	58.48	137.89	249.81	226.00	149.60	9.90	4.56	5.74	5.86	5.41	72.09 CMS
Max	4.14	10.94	122.68	224.80	304.00	272.00	248.80	21.90	6.80	7.26	6.80	6.04	304.00 CMS
Min	1.60	1.60	11.96	46.60	202.60	193.00	21.90	3.38	3.38	4.14	5.28	4.90	1.60 CMS
Runoff	7.61	7.37	151.57	369.32	669.10	585.79	400.69	25.65	12.21	15.36	14.19	14.50	2273.37 MCM
Momentary Peak	304.00	CMS.	CMS.	at 147.48 m. (MSL.)	at 14.00 Hours	on Aug 23, 2005							
Runoff Yield	23.08	Liters/Second/Square KM.		Momentary Peak Yield	97.342	Liters/Second/Square KM.							

WATER YEAR : 2005**KHONG RIVER BASIN**

Loei River at Ban Fak Loei , Loei (Kh.58A)

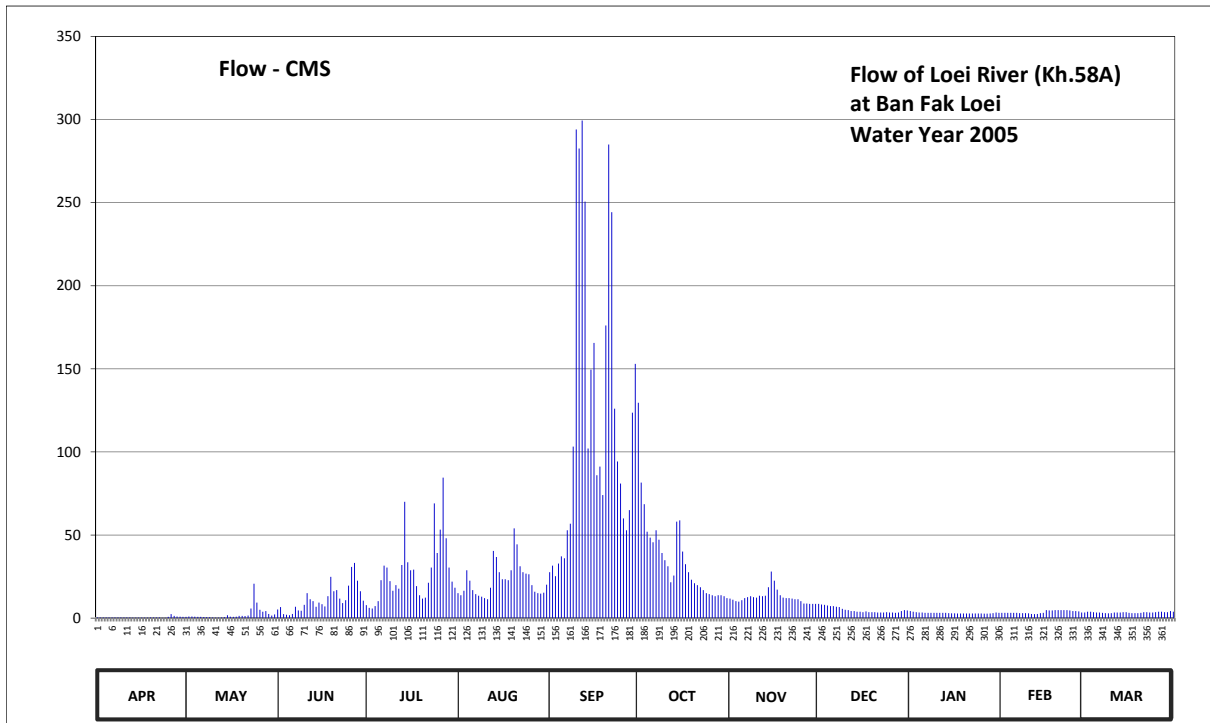
Lat 17 - 29 - 36 N Long 101 - 44 - 17 E

Location : on left bank at the bridge on road.

	Ban Fak Loei	Amphoe Mueang	Changwat Loei
Drainage Area	3,093 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+229.000 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank upstream side at the abutment of the bridge.	Elevation	+240.622 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1990 to date		
Rated by Flot	-		
Rated by Current Meter	1990 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 50 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	229.91	229.96	230.31	230.44	230.70	231.09	233.16	230.59	230.48	230.26	230.21	230.22	
2	229.91	230.00	230.38	230.36	230.66	231.19	232.33	230.57	230.46	230.24	230.21	230.24	
3	229.91	230.00	230.14	230.34	230.75	231.03	232.07	230.54	230.45	230.23	230.21	230.24	
4	229.91	229.98	230.10	230.41	231.12	231.22	231.70	230.53	230.43	230.22	230.21	230.23	
5	229.91	229.97	230.07	230.54	230.95	231.33	231.61	230.56	230.41	230.22	230.21	230.22	
6	229.91	229.97	230.15	230.96	230.76	231.30	231.54	230.60	230.41	230.21	230.21	230.22	
7	229.90	229.95	230.39	231.19	230.68	231.72	231.72	230.62	230.39	230.21	230.20	230.21	
8	229.90	229.94	230.28	231.16	230.65	231.82	231.58	230.64	230.38	230.21	230.20	230.20	
9	229.90	229.93	230.27	230.94	230.63	232.72	231.38	230.62	230.33	230.21	230.20	230.19	
10	229.90	229.91	230.45	230.75	230.60	235.30	231.27	230.61	230.30	230.21	230.19	230.20	
11	229.90	229.89	230.70	230.86	230.58	235.17	231.18	230.65	230.29	230.21	230.15	230.22	
12	229.90	229.89	230.58	230.79	230.81	235.36	230.92	230.64	230.26	230.21	230.14	230.22	
13	229.89	229.90	230.54	231.20	231.41	234.77	231.04	230.65	230.26	230.21	230.15	230.22	
14	229.89	229.94	230.39	232.10	231.32	232.70	231.85	230.82	230.24	230.20	230.20	230.23	
15	229.89	230.07	230.51	231.24	231.09	233.45	231.87	231.10	230.24	230.19	230.21	230.23	
16	229.89	229.98	230.47	231.12	230.98	233.68	231.40	230.95	230.23	230.19	230.29	230.21	
17	229.89	229.96	230.40	231.13	230.98	232.42	231.21	230.77	230.25	230.18	230.28	230.20	
18	229.89	229.98	230.64	230.84	230.96	232.52	231.09	230.66	230.23	230.18	230.28	230.20	
19	229.90	230.03	231.02	230.66	231.12	232.18	230.97	230.61	230.23	230.18	230.29	230.20	
20	229.90	230.03	230.74	230.59	231.75	233.83	230.90	230.60	230.23	230.18	230.29	230.21	
21	229.90	230.02	230.76	230.61	231.51	235.20	230.86	230.60	230.22	230.18	230.29	230.23	
22	229.90	230.05	230.59	230.91	231.18	234.69	230.82	230.59	230.22	230.18	230.29	230.23	
23	229.88	230.34	230.50	231.16	231.09	233.10	230.76	230.58	230.22	230.18	230.29	230.22	
24	229.88	230.89	230.56	232.08	231.07	232.57	230.70	230.58	230.23	230.18	230.28	230.22	
25	229.97	230.51	230.85	231.38	231.06	232.32	230.68	230.54	230.22	230.18	230.26	230.23	
26	230.14	230.30	231.17	231.73	230.86	231.90	230.66	230.49	230.22	230.17	230.26	230.24	
27	230.03	230.24	231.23	232.39	230.73	231.72	230.64	230.49	230.21	230.17	230.25	230.24	
28	229.99	230.26	230.95	231.60	230.70	232.00	230.66	230.48	230.22	230.18	230.22	230.23	
29	229.98	230.15	230.74	231.16	230.69	233.06	230.66	230.48	230.26	230.20		230.23	
30	229.97	230.05	230.55	230.93	230.71	233.50	230.64	230.48	230.29	230.22		230.26	
31		230.12		230.81	230.87		230.60		230.28	230.21		230.24	
Mean	229.92	230.07	230.55	231.04	230.93	232.83	231.24	230.62	230.29	230.20	230.23	230.22	
Max	230.14	230.89	231.23	232.39	231.75	235.36	233.16	231.10	230.48	230.26	230.29	230.26	235.36
Min	229.88	229.89	230.07	230.34	230.58	231.03	230.60	230.48	230.21	230.17	230.14	230.19	229.88
Annual Max Momentary Gage Height	235.67		m. (MSL.) ,				at 18.00 Hours , on Sep 10 , 2005						
Zero Gage at Bottom Elevation	229.00		m. (MSL.) ,			River Bed	229.23	m. (MSL.)					
Left Bank Elevation		240.43		m. (MSL.) ,									
Right Bank Elevation		240.44		m. (MSL.) ,		Drainage Are	3,093	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.73	5.20	7.80	15.00	27.60	129.60	11.70	8.60	4.20	3.20	3.40	
2	0.40	1.00	6.60	6.20	13.80	31.60	81.50	11.10	8.20	3.80	3.20	3.80	
3	0.40	1.00	2.40	5.80	16.50	25.20	68.50	10.20	8.00	3.60	3.20	3.80	
4	0.40	0.87	2.00	7.20	28.80	32.80	52.00	9.90	7.60	3.40	3.20	3.60	
5	0.40	0.80	1.70	10.20	22.50	37.20	48.40	10.80	7.20	3.40	3.20	3.40	
6	0.40	0.80	2.50	22.80	16.80	36.00	45.60	12.00	7.20	3.20	3.20	3.40	
7	0.33	0.67	6.80	31.60	14.40	52.80	52.80	12.60	6.80	3.20	3.00	3.20	
8	0.33	0.60	4.60	30.40	13.50	56.80	47.20	13.20	6.60	3.20	3.00	3.00	
9	0.33	0.53	4.40	22.20	12.90	103.20	39.20	12.60	5.60	3.20	3.00	2.90	
10	0.33	0.40	8.00	16.50	12.00	294.00	34.80	12.30	5.00	3.20	2.90	3.00	
11	0.33	0.27	15.00	19.80	11.40	282.60	31.20	13.50	4.80	3.20	2.50	3.40	
12	0.33	0.27	11.40	17.70	18.30	299.40	21.60	13.20	4.20	3.20	2.40	3.40	
13	0.27	0.33	10.20	32.00	40.40	250.60	25.60	13.50	4.20	3.20	2.50	3.40	
14	0.27	0.60	6.80	70.00	36.80	102.00	58.00	18.60	3.80	3.00	3.00	3.60	
15	0.27	1.70	9.30	33.60	27.60	149.50	58.80	28.00	3.80	2.90	3.20	3.60	
16	0.27	0.87	8.40	28.80	23.40	165.60	40.00	22.50	3.60	2.90	4.80	3.20	
17	0.27	0.73	7.00	29.20	23.40	86.00	32.40	17.10	4.00	2.80	4.60	3.00	
18	0.27	0.87	13.20	19.20	22.80	91.20	27.60	13.80	3.60	2.80	4.60	3.00	
19	0.33	1.30	24.80	13.80	28.80	74.00	23.10	12.30	3.60	2.80	4.80	3.00	
20	0.33	1.30	16.20	11.70	54.00	176.10	21.00	12.00	3.60	2.80	4.80	3.20	
21	0.33	1.20	16.80	12.30	44.40	285.00	19.80	12.00	3.40	2.80	4.80	3.60	
22	0.33	1.50	11.70	21.30	31.20	244.20	18.60	11.70	3.40	2.80	4.80	3.60	
23	0.20	5.80	9.00	30.40	27.60	126.00	16.80	11.40	3.40	2.80	4.80	3.40	
24	0.20	20.70	10.80	69.00	26.80	94.20	15.00	11.40	3.60	2.80	4.60	3.40	
25	0.80	9.30	19.50	39.20	26.40	81.00	14.40	10.20	3.40	2.80	4.20	3.60	
26	2.40	5.00	30.80	53.20	19.80	60.00	13.80	8.80	3.40	2.70	4.20	3.80	
27	1.30	3.80	33.20	84.50	15.90	52.80	13.20	8.80	3.20	2.70	4.00	3.80	
28	0.93	4.20	22.50	48.00	15.00	65.00	13.80	8.60	3.40	2.80	3.40	3.60	
29	0.87	2.50	16.20	30.40	14.70	123.60	13.80	8.60	4.20	3.00		3.60	
30	0.80	1.50	10.50	21.90	15.30	153.00	13.20	8.60	4.80	3.40		4.20	
31		2.20		18.30	20.10		12.00		4.60	3.20		3.80	
Total	14.82	73.34	347.50	865.00	710.30	3659.00	1103.30	381.00	150.80	95.80	103.10	106.70	7610.66 CMSDAY
Mean	0.49	2.37	11.58	27.90	22.91	121.97	35.59	12.70	4.86	3.09	3.68	3.44	20.85 CMS
Max	2.40	20.70	33.20	84.50	54.00	299.40	129.60	28.00	8.60	4.20	4.80	4.20	299.40 CMS
Min	0.20	0.27	1.70	5.80	11.40	25.20	12.00	8.60	3.20	2.70	2.40	2.90	0.20 CMS
Runoff	1.28	6.34	30.02	74.74	61.37	316.14	95.33	32.92	13.03	8.28	8.91	9.22	657.56 MCM
Momentary Peak	327.30 CMS. at 235.67 m. (MSL.) at 18.00 Hours , on Sep 10 , 2005												
Runoff Yield	6.74 Liters/Second/Square KM.			Momentary Peak Yield				105.820 Liters/Second/Square KM.					

WATER YEAR : 2005

KHONG RIVER BASIN

Loei River at Ban Keng Bong , Loei (Kh.61)

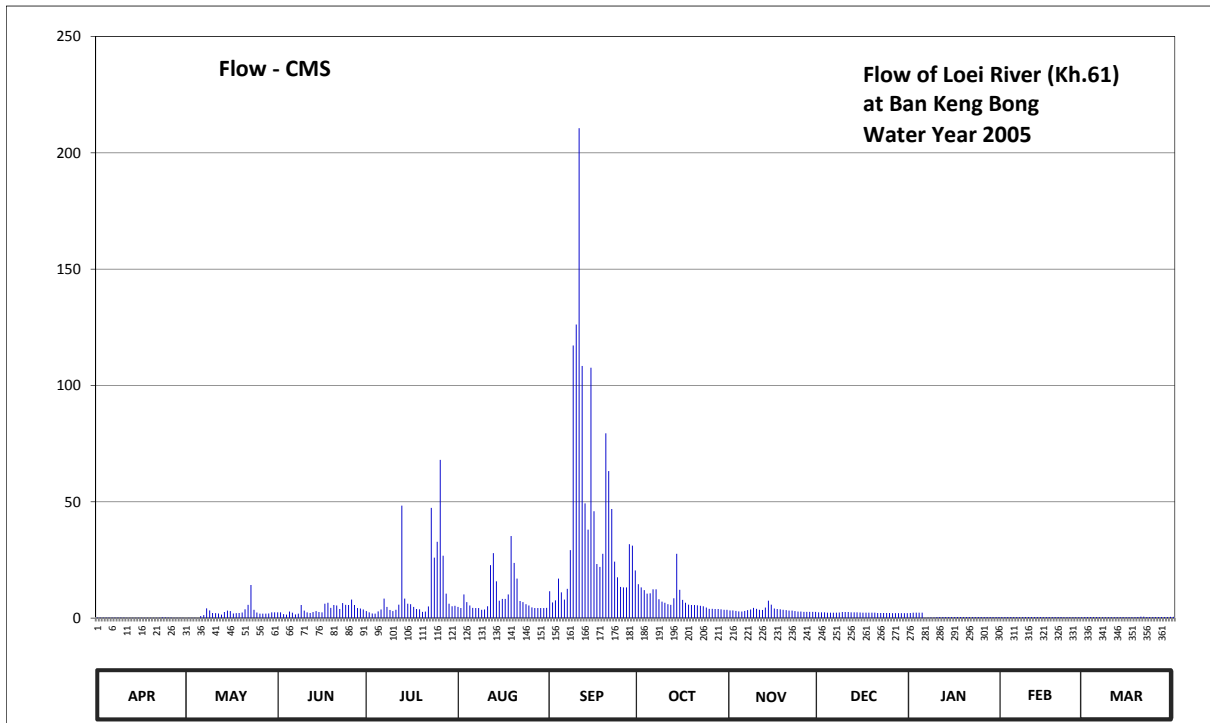
Lat 17 - 07 - 44 N Long 101 - 40 - 56 E

Location : on right bank at the bridge of Amphoe Wang Saphung - Ban Nong Khan Road.

	Ban Keng Bong	Amphoe Phu Luang	Changwat Loei
Drainage Area	549 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+258.361 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank downstream side at the footpath of the bridge.	Elevation	+272.020 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1982 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	259.09	258.86	259.05	259.10	259.28	259.77	259.93	259.13	259.05	259.02	259.36	259.36	
2	259.09	258.90	259.05	259.05	259.23	259.45	259.86	259.13	259.05	259.03	259.36	259.36	
3	259.08	258.91	258.97	259.00	259.68	259.51	259.80	259.11	259.05	259.03	259.36	259.36	
4	259.08	258.90	258.95	258.99	259.46	260.04	259.70	259.09	259.03	259.03	259.36	259.36	
5	259.08	258.89	259.08	259.09	259.34	259.74	259.71	259.08	259.03	259.03	259.36	259.35	
6	259.08	258.89	259.03	259.17	259.24	259.53	259.82	259.11	259.03	259.03	259.35	259.34	
7	259.08	258.93	258.96	259.56	259.23	259.83	259.82	259.14	259.03	259.08	259.34	259.34	
8	259.08	259.22	258.99	259.28	259.23	260.52	259.54	259.17	259.04	259.14	259.35	259.34	
9	259.06	259.13	259.36	259.15	259.16	262.08	259.47	259.24	259.06	259.14	259.36	259.34	
10	259.06	259.02	259.12	259.10	259.17	262.18	259.44	259.20	259.06	259.29	259.36	259.34	
11	259.05	259.01	259.05	259.16	259.31	262.93	259.40	259.16	259.06	259.36	259.36	259.34	
12	259.05	259.00	259.02	259.38	260.27	261.98	259.37	259.15	259.05	259.36	259.36	259.34	
13	259.05	258.95	259.06	261.04	260.47	261.06	259.57	259.25	259.05	259.36	259.36	259.34	
14	259.04	259.06	259.10	259.56	259.99	260.79	260.46	259.50	259.05	259.36	259.36	259.35	
15	259.00	259.12	259.06	259.41	259.50	261.97	259.81	259.38	259.04	259.36	259.36	259.34	
16	259.00	259.10	259.05	259.40	259.55	260.99	259.52	259.21	259.03	259.38	259.36	259.34	
17	259.00	259.00	259.41	259.28	259.55	260.29	259.44	259.19	259.03	259.39	259.36	259.34	
18	259.02	259.01	259.44	259.19	259.68	260.24	259.38	259.18	259.03	259.39	259.36	259.34	
19	258.97	259.02	259.24	259.18	260.71	260.46	259.36	259.16	259.03	259.39	259.36	259.36	
20	258.97	259.04	259.36	259.07	260.31	261.59	259.36	259.14	259.03	259.39	259.36	259.48	
21	258.96	259.18	259.34	259.08	260.04	261.32	259.35	259.12	259.02	259.39	259.35	259.45	
22	258.97	259.37	259.19	259.30	259.49	261.01	259.33	259.12	259.02	259.38	259.34	259.36	
23	259.21	259.91	259.43	261.02	259.46	260.33	259.31	259.10	259.02	259.38	259.34	259.36	
24	259.15	259.16	259.37	260.40	259.40	260.06	259.25	259.08	259.02	259.38	259.34	259.36	
25	259.12	259.04	259.36	260.64	259.34	259.87	259.20	259.08	259.02	259.38	259.34	259.36	
26	259.06	258.99	259.53	261.40	259.26	259.86	259.20	259.07	259.01	259.38	259.34	259.36	
27	258.97	258.99	259.36	260.43	259.23	259.86	259.19	259.07	259.01	259.37	259.34	259.36	
28	258.97	258.99	259.23	259.70	259.23	260.61	259.19	259.07	259.01	259.37	259.34	259.36	
29	258.97	259.00	259.21	259.41	259.23	260.59	259.18	259.07	259.01	259.37		259.36	
30	258.97	259.05	259.17	259.31	259.23	260.18	259.16	259.07	259.01	259.37		259.41	
31		259.05		259.33	259.24		259.16		259.01	259.37		259.44	
Mean	259.04	259.05	259.18	259.55	259.53	260.62	259.49	259.15	259.03	259.28	259.35	259.36	
Max	259.21	259.91	259.53	261.40	260.71	262.93	260.46	259.50	259.06	259.39	259.36	259.48	262.93
Min	258.96	258.86	258.95	258.99	259.16	259.45	259.16	259.07	259.01	259.34	259.34	259.34	258.86
Annual Max Momentary Gage Height	263.42		m. (MSL.) ,			at 20.00 Hours ,		on Sep 11 ,					
Zero Gage at Bottom Elevation	258.36		m. (MSL.) ,			River Bed	258.73	m. (MSL.)					
Left Bank Elevation		271.83		m. (MSL.) ,									
Right Bank Elevation		271.78		m. (MSL.) ,		Drainage Are	549	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	0.09	2.50	3.00	4.80	11.55	14.60	3.30	2.50	2.20	0.46	0.46	
2	0.19	0.10	2.50	2.50	4.30	6.75	13.20	3.30	2.50	2.30	0.46	0.46	
3	0.18	0.10	1.70	2.00	10.20	7.65	12.00	3.10	2.50	2.30	0.46	0.46	
4	0.18	0.10	1.50	1.90	6.90	17.00	10.50	2.90	2.30	2.30	0.46	0.46	
5	0.18	0.09	2.80	2.90	5.40	11.10	10.65	2.80	2.30	2.30	0.46	0.45	
6	0.18	0.90	2.30	3.70	4.40	7.95	12.40	3.10	2.30	0.14	0.45	0.44	
7	0.18	1.30	1.60	8.40	4.30	12.60	12.40	3.40	2.30	0.18	0.44	0.44	
8	0.18	4.20	1.90	4.80	4.30	29.24	8.10	3.70	2.40	0.24	0.45	0.44	
9	0.17	3.30	5.60	3.50	3.60	117.20	7.05	4.40	2.60	0.24	0.46	0.44	
10	0.17	2.20	3.20	3.00	3.70	126.20	6.60	4.00	2.60	0.39	0.46	0.44	
11	0.16	2.10	2.50	3.60	5.10	210.55	6.00	3.60	2.60	0.46	0.46	0.44	
12	0.16	2.00	2.20	5.80	22.75	108.40	5.70	3.50	2.50	0.46	0.46	0.44	
13	0.16	1.50	2.60	48.32	27.89	49.28	8.55	4.50	2.50	0.46	0.46	0.44	
14	0.15	2.60	3.00	8.40	15.80	38.05	27.62	7.50	2.50	0.46	0.46	0.45	
15	0.12	3.20	2.60	6.15	7.50	107.60	12.20	5.80	2.40	0.46	0.46	0.44	
16	0.12	3.00	2.50	6.00	8.25	45.96	7.80	4.10	2.30	0.48	0.46	0.44	
17	0.12	2.00	6.15	4.80	8.25	23.25	6.60	3.90	2.30	0.49	0.46	0.44	
18	0.14	2.10	6.60	3.90	10.20	22.00	5.80	3.80	2.30	0.49	0.46	0.44	
19	0.11	2.20	4.40	3.80	35.25	27.62	5.60	3.60	2.30	0.49	0.46	0.46	
20	0.11	2.40	5.60	2.70	23.75	79.40	5.60	3.40	2.30	0.49	0.46	0.62	
21	0.11	3.80	5.40	2.80	17.00	63.20	5.50	3.20	2.20	0.49	0.45	0.58	
22	0.11	5.70	3.90	5.00	7.35	46.88	5.30	3.20	2.20	0.48	0.44	0.46	
23	0.31	14.20	6.45	47.36	6.90	24.25	5.10	3.00	2.20	0.48	0.44	0.46	
24	0.25	3.60	5.70	26.00	6.00	17.50	4.50	2.80	2.20	0.48	0.44	0.46	
25	0.22	2.40	5.60	32.80	5.40	13.40	4.00	2.80	2.20	0.48	0.44	0.46	
26	0.17	1.90	7.95	68.00	4.60	13.20	4.00	2.70	2.10	0.48	0.44	0.46	
27	0.11	1.90	5.60	26.81	4.30	13.20	3.90	2.70	2.10	0.47	0.44	0.46	
28	0.11	1.90	4.30	10.50	4.30	31.75	3.90	2.70	2.10	0.47	0.44	0.46	
29	0.11	2.00	4.10	6.15	4.30	31.13	3.80	2.70	2.10	0.47		0.46	
30	0.11	2.50	3.70	5.10	4.30	20.50	3.60	2.70	2.10	0.47		0.52	
31		2.50		5.30	4.40		3.60		2.10	0.47		0.56	
Total	4.76	77.88	116.45	364.99	285.49	1334.36	246.17	106.20	71.90	22.57	12.69	14.44	2657.90 CMSDAY
Mean	0.16	2.51	3.88	11.77	9.21	44.48	7.94	3.54	2.32	0.73	0.45	0.47	7.28 CMS
Max	0.31	14.20	7.95	68.00	35.25	210.55	27.62	7.50	2.60	2.30	0.46	0.62	210.55 CMS
Min	0.11	0.09	1.50	1.90	3.60	6.75	3.60	2.70	2.10	0.14	0.44	0.44	0.09 CMS
Runoff	0.41	6.73	10.06	31.54	24.67	115.29	21.27	9.18	6.21	1.95	1.10	1.25	229.64 MCM
Momentary Peak	288.80	CMS.	at 263.42 m. (MSL.)	at 20.00 Hours	, on Sep 11, 2005								
Runoff Yield	13.26	Liters/Second/Square KM.		10.06	Liters/Second/Square KM.	24.67	526.047	Liters/Second/Square KM.					

WATER YEAR : 2005

KHONG RIVER BASIN

Lam Nam Kam at Ban Nong Rua Thong, Nakhon Phanom (Kh.69A)

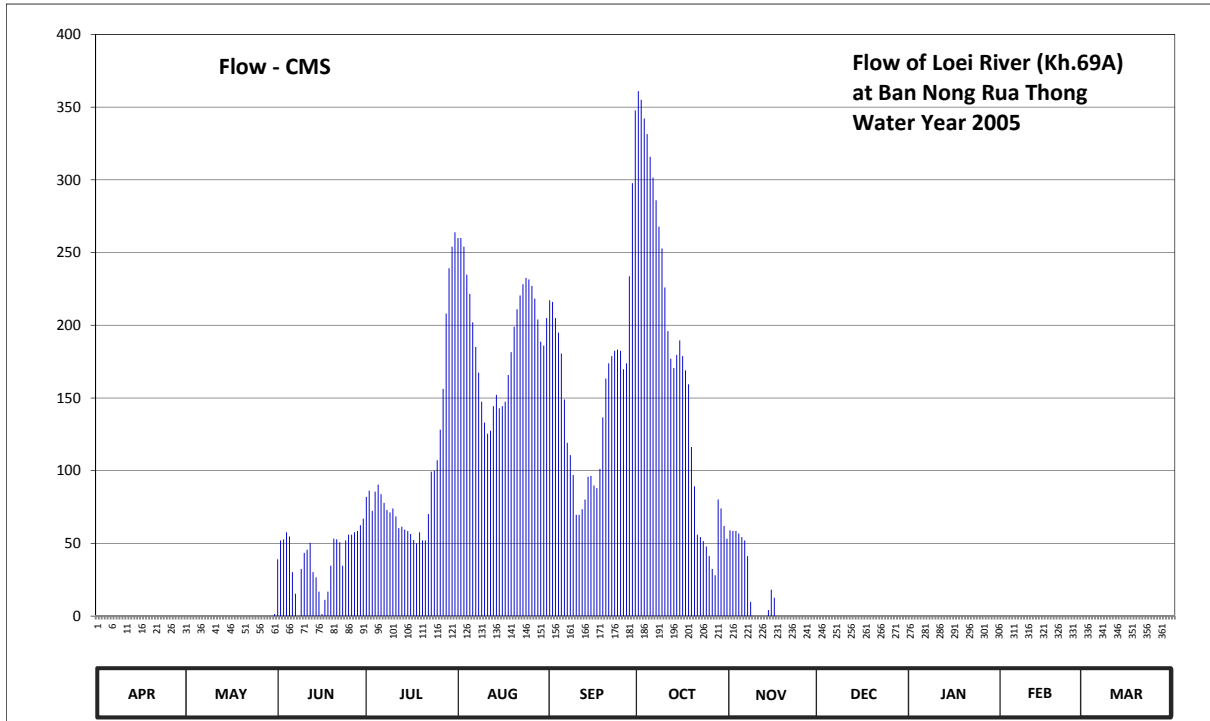
Lat 16 - 57 - 32 N Long 104 - 28 - 02 E

Location : on right bank at the bridge on highway.

	Ban Nong Rua Thong	Amphoe Na Kae	Changwat Nakhon Phanom
Drainage Area	2,288 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+139.410 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream side at the footpath of the bridge.	Elevation	+149.121 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1996 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 17 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	142.21	142.16	142.55	143.25	145.40	145.02	146.16	142.82	141.97	142.53	142.56	142.35	
2	142.21	142.16	142.65	143.32	145.40	145.01	146.12	142.81	141.97	142.52	142.58	142.35	
3	142.21	142.15	142.67	143.08	145.35	144.90	146.03	142.81	141.98	142.51	142.59	142.34	
4	142.21	142.13	142.79	143.31	145.18	144.80	145.95	142.77	141.99	142.53	142.59	142.34	
5	142.21	142.13	142.72	143.39	145.06	144.64	145.83	142.71	141.99	142.53	142.59	142.31	
6	142.21	142.12	142.51	143.28	144.87	144.25	145.72	142.65	141.99	142.53	142.60	142.31	
7	142.21	142.12	142.41	143.18	144.69	143.83	145.60	142.56	142.00	142.52	142.60	142.31	
8	142.21	142.11	142.18	143.09	144.48	143.71	145.46	142.37	142.00	142.51	142.61	142.30	
9	142.20	142.11	142.52	143.06	144.23	143.50	145.34	142.21	142.00	142.51	142.61	142.30	
10	142.20	142.11	142.57	143.11	144.03	143.03	145.10	142.10	142.01	142.51	142.61	142.30	
11	142.20	142.13	142.58	143.01	143.92	143.03	144.81	142.12	142.05	142.52	142.60	142.28	
12	142.20	142.13	142.61	142.85	143.95	143.10	144.60	142.17	142.05	142.52	142.60	142.28	
13	142.20	142.12	142.51	142.87	144.19	143.22	144.52	142.24	142.07	142.52	142.60	142.28	
14	142.20	142.11	142.49	142.83	144.29	143.48	144.63	142.33	142.07	142.51	142.58	142.27	
15	142.19	142.12	142.42	142.81	144.17	143.49	144.74	142.43	142.09	142.51	142.58	142.25	
16	142.19	142.12	142.31	142.76	144.19	143.38	144.62	142.39	142.11	142.52	142.52	142.25	
17	142.19	142.13	142.38	142.66	144.23	143.35	144.50	142.30	142.11	142.52	142.49	142.25	
18	142.19	142.13	142.42	142.60	144.46	143.57	144.38	142.19	142.15	142.52	142.40	142.25	
19	142.19	142.13	142.53	142.79	144.65	144.08	143.79	142.15	142.15	142.53	142.46	142.25	
20	142.19	142.13	142.68	142.65	144.84	144.43	143.37	142.15	142.16	142.53	142.45	142.24	
21	142.19	142.15	142.67	142.65	144.96	144.56	142.75	142.13	142.21	142.54	142.42	142.24	
22	142.19	142.17	142.62	143.04	145.05	144.62	142.71	142.10	142.25	142.54	142.41	142.24	
23	142.19	142.19	142.53	143.54	145.12	144.66	142.64	142.05	142.31	142.54	142.17	142.22	
24	142.19	142.19	142.65	143.55	145.16	144.67	142.59	142.02	142.36	142.54	142.36	142.22	
25	142.19	142.17	142.75	143.66	145.15	144.66	142.56	142.01	142.43	142.55	142.36	142.22	
26	142.19	142.15	142.75	143.96	145.11	144.51	142.52	142.01	142.57	142.55	142.35	142.21	
27	142.20	142.13	142.79	144.34	145.03	144.56	142.50	142.00	142.55	142.55	142.35	142.21	
28	142.20	142.12	142.81	144.93	144.89	145.17	143.22	142.00	142.53	142.55	142.34	142.21	
29	142.20	142.16	142.89	145.22	144.73	145.69	143.11	141.98	142.53	142.55		142.21	
30	142.20	142.22	142.98	145.35	144.70	146.07	142.88	141.97	142.53	142.55		142.22	
31		142.31		145.43	144.90		142.68		142.52	142.55		142.23	
Mean	142.20	142.15	142.60	143.41	144.72	144.23	144.24	142.29	142.18	142.53	142.50	142.27	
Max	142.21	142.31	142.98	145.43	145.40	146.07	146.16	142.82	142.57	142.55	142.61	142.35	146.16
Min	142.19	142.11	142.18	142.60	143.92	143.03	142.50	141.97	141.97	142.51	142.17	142.21	141.97
Annual Max Momentary Gage Height	146.21		m. (MSL.) ,										at 01.00 Hours , on Oct 1 , 2005
Zero Gage at Bottom Elevation	139.41		m. (MSL.) ,				River Bed 138.37						m. (MSL.)
Left Bank Elevation		149.16		m. (MSL.) ,									
Right Bank Elevation		148.89		m. (MSL.) ,			Drainage Are 2,288						Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	39.00	82.00	260.00	217.20	361.00	59.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	52.00	86.20	260.00	216.10	355.00	58.50	0.00	0.00	0.00	0.00	
3	0.00	0.00	52.80	72.40	254.00	205.00	342.20	58.50	0.00	0.00	0.00	0.00	
4	0.00	0.00	57.60	85.60	234.80	195.00	331.50	56.80	0.00	0.00	0.00	0.00	
5	0.00	0.00	54.80	90.40	221.60	180.60	315.90	54.40	0.00	0.00	0.00	0.00	
6	0.00	0.00	30.20	83.80	202.00	149.00	301.60	52.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	15.40	77.90	185.10	119.10	286.00	41.20	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	72.95	167.40	110.70	267.80	9.80	0.00	0.00	0.00	0.00	
9	0.00	0.00	32.40	71.30	147.40	97.00	252.80	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	43.40	74.05	133.10	69.65	226.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	45.60	68.55	125.40	69.65	196.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	50.40	60.50	127.50	73.50	177.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	30.20	61.50	144.30	80.20	170.60	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	26.60	59.50	152.20	95.80	179.70	4.20	0.00	0.00	0.00	0.00	
15	0.00	0.00	16.80	58.50	142.90	96.40	189.60	18.20	0.00	0.00	0.00	0.00	
16	0.00	0.00	1.40	56.40	144.30	89.80	178.80	12.60	0.00	0.00	0.00	0.00	
17	0.00	0.00	11.20	52.40	147.40	88.00	169.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	16.80	50.00	165.80	101.20	159.40	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	34.60	57.60	181.50	136.60	116.30	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	53.20	52.00	199.00	163.40	89.20	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	52.80	52.00	211.00	173.80	56.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	50.80	70.20	220.50	178.80	54.40	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	34.60	99.40	228.20	182.40	51.60	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	52.00	100.00	232.60	183.30	47.80	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	56.00	107.20	231.50	182.40	41.20	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	56.00	128.20	227.10	169.80	32.40	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	57.60	156.20	218.30	173.80	28.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	58.50	208.00	204.00	233.70	80.20	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	62.50	239.20	188.70	297.70	74.05	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	67.00	254.00	186.00	347.80	62.00	0.00	0.00	0.00	0.00	0.00	
31		1.40		263.90	205.00		53.20		0.00	0.00		0.00	
Total	0.00	1.40	1212.20	3051.85	5948.60	4677.40	5246.25	425.20	0.00	0.00	0.00	0.00	20562.90 CMSDAY
Mean	0.00	0.05	40.41	98.45	191.89	155.91	169.23	14.17	0.00	0.00	0.00	0.00	56.34 CMS
Max	0.00	1.40	67.00	263.90	260.00	347.80	361.00	59.00	0.00	0.00	0.00	0.00	361.00 CMS
Min	0.00	0.00	0.00	50.00	125.40	69.65	28.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.12	104.73	263.68	513.96	404.13	453.28	36.74	0.00	0.00	0.00	0.00	1776.64 MCM
Momentary Peak	368.55 CMS. at 146.21 m. (MSL.) at 01.00 Hours , on Oct 1, 2005												
Runoff Yield	24.62 Liters/Second/Square KM.			Momentary Peak Yield 161.080 Liters/Second/Square KM.									

WATER YEAR : 2005

KHONG RIVER BASIN

Nam Mae Kham at Ban Mae Kham Lak Chet , Chiang Rai (Kh.72)

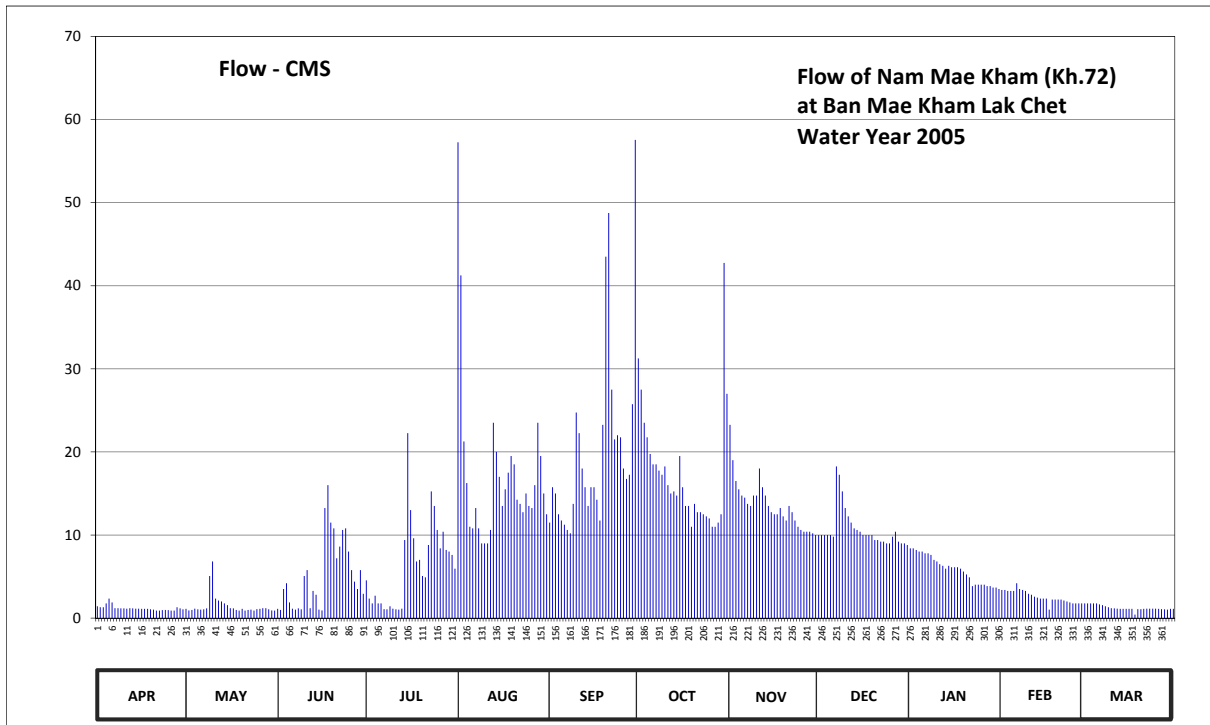
Lat 20 - 13 - 01 N Long 99 - 51 - 38 E

Location : on right bank at the bridge of Mae Chan - Mae Sai Highway from Tambon Mae Kham.

	Ban	Mae Kham Lak Chet	Amphoe	Mae Chan	Changwat	Chiang Rai
Drainage Area	667	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+393.400 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	On right bank about 20 meters from the top staff gage.				Elevation	+399.176 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1982 to date					
Rating Operation						
Period of Rating	1993 to date					
Rated by Flot	-					
Rated by Current Meter	1993 to date					
Stability of Channel Regimes	Rather unstable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Flow effected by the bridge of Chiang Rai - Mae Sai Highway construction. Stage-discharge relation defined by 46 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	394.22	394.17	394.17	394.46	396.61	394.82	395.61	395.29	394.75	394.67	394.39	394.25	
2	394.21	394.11	394.13	394.30	396.01	394.99	395.46	395.12	394.75	394.67	394.39	394.25	
3	394.21	394.13	394.40	394.25	395.21	394.96	395.30	395.02	394.75	394.66	394.38	394.25	
4	394.25	394.18	394.44	394.33	395.01	394.86	395.23	394.98	394.75	394.65	394.38	394.25	
5	394.30	394.15	394.26	394.25	394.80	394.83	395.15	394.95	394.75	394.65	394.38	394.25	
6	394.26	394.14	394.18	394.25	394.79	394.81	395.10	394.94	394.74	394.64	394.44	394.24	
7	394.20	394.15	394.14	394.16	394.89	394.78	395.10	394.91	395.09	394.64	394.40	394.23	
8	394.20	394.19	394.19	394.15	394.79	394.76	395.07	394.90	395.05	394.63	394.39	394.22	
9	394.19	394.49	394.15	394.22	394.70	394.91	395.05	394.95	394.97	394.60	394.38	394.21	
10	394.19	394.59	394.49	394.18	394.70	395.35	395.09	394.95	394.89	394.59	394.35	394.20	
11	394.18	394.30	394.53	394.15	394.70	395.25	395.00	395.08	394.85	394.57	394.34	394.19	
12	394.20	394.28	394.20	394.14	394.78	395.08	394.96	394.99	394.82	394.56	394.32	394.18	
13	394.19	394.27	394.38	394.18	395.30	394.99	394.97	394.95	394.79	394.54	394.31	394.17	
14	394.18	394.25	394.34	394.72	395.16	394.90	394.95	394.90	394.78	394.56	394.30	394.17	
15	394.18	394.23	394.14	395.25	395.04	394.99	395.14	394.87	394.77	394.55	394.30	394.17	
16	394.17	394.20	394.11	394.88	394.90	394.99	394.99	394.86	394.75	394.55	394.30	394.17	
17	394.17	394.19	394.89	394.73	394.98	394.93	394.90	394.86	394.75	394.55	394.14	394.17	
18	394.17	394.13	395.00	394.59	395.06	394.83	394.90	394.89	394.75	394.54	394.29	393.82	
19	394.15	394.10	394.82	394.60	395.14	395.29	394.80	394.85	394.75	394.52	394.29	394.16	
20	394.14	394.17	394.79	394.49	395.10	396.10	394.91	394.83	394.72	394.50	394.29	394.16	
21	394.10	394.10	394.61	394.48	394.93	396.30	394.87	394.90	394.72	394.48	394.29	394.17	
22	394.10	394.13	394.68	394.69	394.91	395.46	394.87	394.87	394.71	394.42	394.28	394.18	
23	394.12	394.14	394.78	394.97	394.87	395.22	394.86	394.83	394.71	394.43	394.27	394.18	
24	394.13	394.10	394.79	394.90	394.96	395.24	394.85	394.80	394.70	394.43	394.26	394.18	
25	394.12	394.16	394.65	394.78	394.90	395.23	394.84	394.78	394.70	394.43	394.25	394.18	
26	394.10	394.17	394.53	394.67	394.89	395.08	394.80	394.77	394.74	394.43	394.25	394.17	
27	394.10	394.20	394.45	394.77	395.00	395.03	394.80	394.77	394.77	394.42	394.25	394.16	
28	394.21	394.20	394.40	394.66	395.30	395.05	394.82	394.77	394.71	394.42	394.25	394.15	
29	394.19	394.15	394.53	394.65	395.14	395.39	394.86	394.76	394.70	394.41		394.14	
30	394.15	394.11	394.35	394.63	394.96	396.62	396.07	394.75	394.70	394.41		394.17	
31		394.10		394.54	394.86		395.44		394.69	394.40		394.17	
Mean	394.18	394.19	394.45	394.52	395.04	395.17	395.06	394.90	394.78	394.53	394.32	394.18	
Max	394.30	394.59	395.00	395.25	396.61	396.62	396.07	395.29	395.09	394.67	394.44	394.25	396.62
Min	394.10	394.10	394.11	394.14	394.70	394.76	394.80	394.75	394.69	394.40	394.14	393.82	393.82
Annual Max Momentary Gage Height	397.22		m. (MSL.) ,			at 21.00 Hours ,		on Aug 1 , 2005					
Zero Gage at Bottom Elevation	393.40		m. (MSL.) ,			River Bed	393.85	m. (MSL.)					
Left Bank Elevation	399.66		m. (MSL.) ,										
Right Bank Elevation	399.65		m. (MSL.) ,			Drainage Are	667	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.43	1.11	1.11	4.55	57.27	11.50	31.25	23.25	10.00	8.40	3.39	1.77	
2	1.31	0.93	0.99	2.35	41.25	15.75	27.50	19.00	10.00	8.40	3.39	1.77	
3	1.31	0.99	3.50	1.77	21.25	15.00	23.50	16.50	10.00	8.20	3.27	1.77	
4	1.77	1.14	4.20	2.69	16.25	12.50	21.75	15.50	10.00	8.00	3.27	1.77	
5	2.35	1.05	1.89	1.77	11.00	11.75	19.75	14.75	10.00	8.00	3.27	1.77	
6	1.89	1.02	1.14	1.77	10.80	11.25	18.50	14.50	9.80	7.80	4.20	1.66	
7	1.20	1.05	1.02	1.08	13.25	10.60	18.50	13.75	18.25	7.80	3.50	1.55	
8	1.20	1.17	1.17	1.05	10.80	10.20	17.75	13.50	17.25	7.60	3.39	1.43	
9	1.17	5.07	1.05	1.43	9.00	13.75	17.25	14.75	15.25	7.00	3.27	1.31	
10	1.17	6.82	5.07	1.14	9.00	24.75	18.25	14.75	13.25	6.82	2.93	1.20	
11	1.14	2.35	5.77	1.05	9.00	22.25	16.00	18.00	12.25	6.48	2.81	1.17	
12	1.20	2.12	1.20	1.02	10.60	18.00	15.00	15.75	11.50	6.30	2.58	1.14	
13	1.17	2.00	3.27	1.14	23.50	15.75	15.25	14.75	10.80	5.95	2.46	1.11	
14	1.14	1.77	2.81	9.40	20.00	13.50	14.75	13.50	10.60	6.30	2.35	1.11	
15	1.14	1.55	1.02	22.25	17.00	15.75	19.50	12.75	10.40	6.12	2.35	1.11	
16	1.11	1.20	0.93	13.00	13.50	15.75	15.75	12.50	10.00	6.12	2.35	1.11	
17	1.11	1.17	13.25	9.60	15.50	14.25	13.50	12.50	10.00	6.12	1.02	1.11	
18	1.11	0.99	16.00	6.82	17.50	11.75	13.50	13.25	10.00	5.95	2.24	0.42	
19	1.05	0.90	11.50	7.00	19.50	23.25	11.00	12.25	10.00	5.60	2.24	1.08	
20	1.02	1.11	10.80	5.07	18.50	43.50	13.75	11.75	9.40	5.25	2.24	1.08	
21	0.90	0.90	7.20	4.90	14.25	48.75	12.75	13.50	9.40	4.90	2.24	1.11	
22	0.90	0.99	8.60	8.80	13.75	27.50	12.75	12.75	9.20	3.85	2.12	1.14	
23	0.96	1.02	10.60	15.25	12.75	21.50	12.50	11.75	9.20	4.02	2.00	1.14	
24	0.99	0.90	10.80	13.50	15.00	22.00	12.25	11.00	9.00	4.02	1.89	1.14	
25	0.96	1.08	8.00	10.60	13.50	21.75	12.00	10.60	9.00	4.02	1.77	1.14	
26	0.90	1.11	5.77	8.40	13.25	18.00	11.00	10.40	9.80	4.02	1.77	1.11	
27	0.90	1.20	4.38	10.40	16.00	16.75	11.00	10.40	10.40	3.85	1.77	1.08	
28	1.31	1.20	3.50	8.20	23.50	17.25	11.50	10.40	9.20	3.85	1.77	1.05	
29	1.17	1.05	5.77	8.00	19.50	25.75	12.50	10.20	9.00	3.68		1.02	
30	1.05	0.93	2.93	7.60	15.00	57.55	42.75	10.00	9.00	3.68		1.11	
31		0.90		5.95	12.50		27.00		8.80	3.50		1.11	
Total	36.03	46.79	155.24	197.55	533.47	607.60	540.00	408.25	330.75	181.60	71.85	38.59	3147.72 CMSDAY
Mean	1.20	1.51	5.17	6.37	17.21	20.25	17.42	13.61	10.67	5.86	2.57	1.24	8.62 CMS
Max	2.35	6.82	16.00	22.25	57.27	57.55	42.75	23.25	18.25	8.40	4.20	1.77	57.55 CMS
Min	0.90	0.90	0.93	1.02	9.00	10.20	11.00	10.00	8.80	3.50	1.02	0.42	0.42 CMS
Runoff	3.11	4.04	13.41	17.07	46.09	52.50	46.66	35.27	28.58	15.69	6.21	3.33	271.96 MCM
Momentary Peak	75.10	CMS. at 397.22 m. (MSL.) at 21.00 Hours , on Aug 1, 2005											
Runoff Yield	12.93	Liters/Second/Square KM.		Momentary Peak Yield		112.594	Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Songkhram River at Ban Tha Huai Lua , Sakon Nakhon (Kh.74)

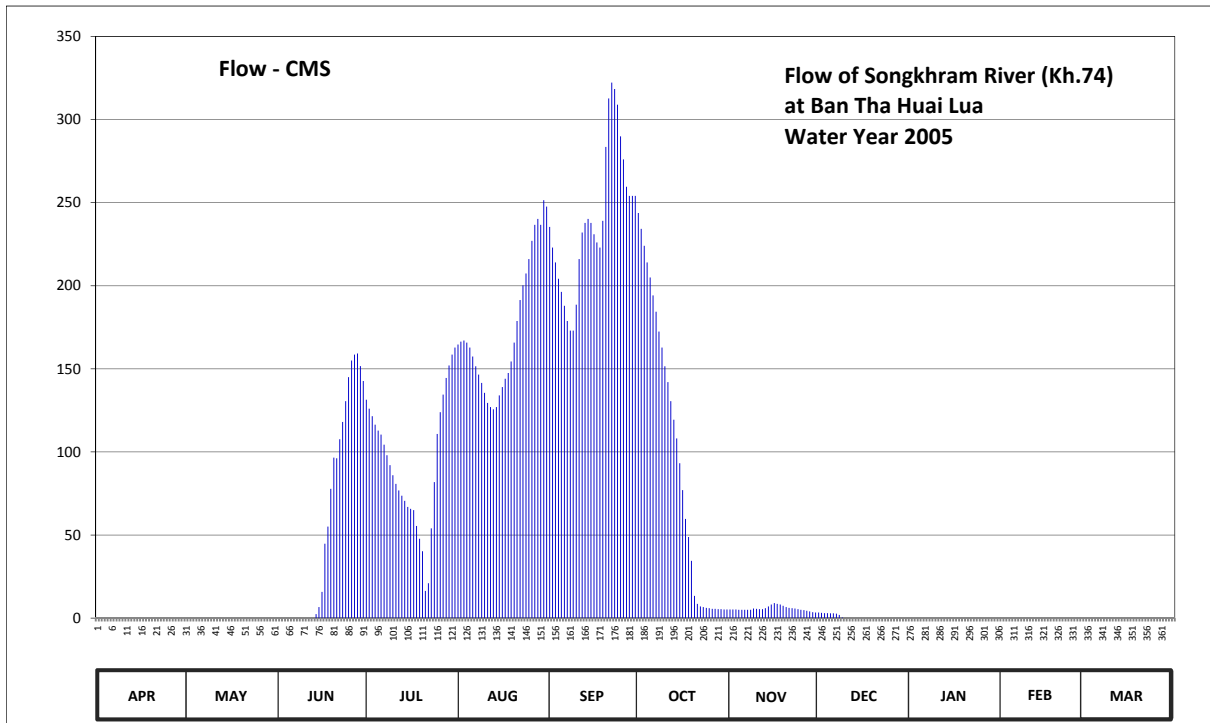
Lat 17 - 49 - 07 N Long 103 - 23 - 16 E

Location : on left bank at Ban Tha Huai Lua.

	Ban	Tha Huai Lua	Amphoe	Ban Muang	Changwat	Sakon Nakhon
Drainage Area	2,199	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+144.850 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+156.483 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1983 to date					
Rating Operation						
Period of Rating	1984 to date					
Rated by Flot	-					
Rated by Current Meter	1984 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +149.590 m.(M.S.L.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 85 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	147.79	146.48	146.85	152.76	153.11	154.02	154.09	149.81	149.72	148.04	148.32	147.23	
2	147.79	146.47	146.86	152.70	153.14	153.90	154.01	149.81	149.71	148.06	148.21	147.24	
3	147.79	146.47	146.86	152.65	153.15	153.81	153.91	149.81	149.70	148.09	148.08	147.24	
4	147.78	146.46	146.87	152.59	153.13	153.69	153.81	149.80	149.70	148.11	147.96	147.25	
5	147.78	146.46	146.88	152.53	153.08	153.59	153.70	149.80	149.69	148.13	147.84	147.25	
6	147.78	146.45	146.90	152.49	152.99	153.47	153.56	149.80	149.69	148.14	147.65	147.25	
7	147.79	146.45	146.96	152.39	152.89	153.34	153.42	149.80	149.67	148.15	147.01	147.25	
8	147.79	146.50	147.13	152.28	152.79	153.25	153.24	149.80	149.59	148.16	146.99	147.26	
9	147.78	146.49	147.39	152.15	152.69	153.25	153.08	149.84	149.44	148.16	147.02	147.26	
10	147.78	146.48	147.88	152.00	152.57	153.48	152.89	149.83	149.25	148.18	147.04	147.26	
11	147.77	146.47	148.49	151.87	152.45	153.83	152.70	149.82	148.90	148.20	147.06	147.26	
12	147.77	146.48	148.97	151.76	152.40	153.99	152.47	149.82	148.61	148.21	147.08	147.27	
13	147.77	146.48	149.32	151.63	152.37	154.04	152.23	149.85	148.32	148.22	147.10	147.28	
14	147.77	146.48	149.64	151.48	152.40	154.06	151.98	149.90	148.02	148.22	147.11	147.28	
15	147.76	146.48	149.88	151.29	152.54	154.04	151.64	149.93	147.72	148.23	147.12	147.29	
16	147.76	146.47	150.08	151.14	152.64	153.98	151.25	149.95	147.49	148.24	147.13	147.28	
17	147.76	146.47	150.34	150.90	152.74	153.93	150.79	149.94	147.52	148.25	147.14	147.27	
18	147.76	146.46	150.66	150.67	152.81	153.90	150.48	149.93	147.57	148.26	147.15	147.26	
19	147.75	146.46	151.27	150.45	152.94	154.05	150.25	149.91	147.62	148.27	147.18	147.28	
20	147.75	146.45	151.72	150.28	153.13	154.37	150.04	149.88	147.66	148.28	147.20	147.31	
21	147.76	146.46	151.71	150.09	153.34	154.53	149.94	149.86	147.69	148.28	147.21	147.33	
22	147.76	146.49	151.97	150.15	153.52	154.58	149.90	149.85	147.71	148.29	147.22	147.35	
23	147.59	146.50	152.20	150.63	153.64	154.56	149.88	149.84	147.73	148.29	147.22	147.36	
24	146.87	146.51	152.47	151.37	153.73	154.51	149.86	149.82	147.75	148.30	147.22	147.36	
25	146.60	146.52	152.76	152.04	153.83	154.41	149.85	149.80	147.79	148.30	147.22	147.36	
26	146.54	146.53	152.95	152.33	153.94	154.32	149.83	149.79	147.83	148.31	147.22	147.37	
27	146.52	146.53	153.01	152.55	154.03	154.21	149.83	149.77	147.88	148.31	147.22	147.37	
28	146.50	146.54	153.02	152.75	154.06	154.17	149.82	149.75	147.91	148.31	147.22	147.36	
29	146.49	146.56	152.94	152.90	154.03	154.17	149.82	149.73	147.94	148.32	147.22	147.36	
30	146.48	146.61	152.87	153.01	154.15	154.17	149.81	149.72	147.97	148.32	147.22	147.37	
31		146.73		153.08	154.12		149.81		148.01	148.33		147.38	
Mean	147.49	146.50	149.90	151.84	153.17	153.99	151.54	149.83	148.45	148.22	147.33	147.30	
Max	147.79	146.73	153.02	153.08	154.15	154.58	154.09	149.95	149.72	148.33	148.32	147.38	154.58
Min	146.48	146.45	146.85	150.09	152.37	153.25	149.81	149.72	147.49	148.04	146.99	147.23	146.45
Annual Max Momentary Gage Height	154.58		m. (MSL.) ,				at 06.00 Hours ,						on Sep 22 , 2005
Zero Gage at Bottom Elevation	144.85		m. (MSL.) ,			River Bed	144.29		m. (MSL.)				
Left Bank Elevation		156.30		m. (MSL.) ,									
Right Bank Elevation		156.28		m. (MSL.) ,		Drainage Are	2,199		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	131.40	164.60	235.40	243.80	5.20	3.40	0.00	0.00	0.00	
2	0.00	0.00	0.00	126.00	166.40	223.00	234.20	5.20	3.20	0.00	0.00	0.00	
3	0.00	0.00	0.00	121.50	167.00	214.00	224.00	5.20	3.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	116.40	165.80	204.20	214.00	5.00	3.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	112.80	162.80	196.30	205.00	5.00	2.90	0.00	0.00	0.00	
6	0.00	0.00	0.00	110.40	157.40	187.90	194.20	5.00	2.90	0.00	0.00	0.00	
7	0.00	0.00	0.00	104.40	151.50	178.80	184.40	5.00	2.70	0.00	0.00	0.00	
8	0.00	0.00	0.00	98.00	146.50	173.00	172.40	5.00	1.90	0.00	0.00	0.00	
9	0.00	0.00	0.00	92.00	141.50	173.00	162.80	5.80	0.40	0.00	0.00	0.00	
10	0.00	0.00	0.00	86.00	135.50	188.60	151.50	5.60	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	80.80	129.50	216.00	142.00	5.40	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	76.80	127.00	232.00	130.50	5.40	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	73.60	125.65	237.80	119.35	6.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	2.40	70.60	127.00	240.20	108.10	7.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	6.60	66.90	134.00	237.80	93.20	8.20	0.00	0.00	0.00	0.00	
16	0.00	0.00	15.80	65.76	139.00	231.00	77.00	9.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	44.80	65.00	144.00	226.00	59.65	8.60	0.00	0.00	0.00	0.00	
18	0.00	0.00	55.10	55.45	147.50	223.00	48.80	8.20	0.00	0.00	0.00	0.00	
19	0.00	0.00	77.80	47.75	154.40	239.00	34.50	7.40	0.00	0.00	0.00	0.00	
20	0.00	0.00	96.60	40.20	165.80	283.50	13.40	6.60	0.00	0.00	0.00	0.00	
21	0.00	0.00	96.18	16.40	178.80	312.70	8.60	6.20	0.00	0.00	0.00	0.00	
22	0.00	0.00	107.65	21.00	191.40	322.20	7.00	6.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	118.00	54.05	200.20	318.40	6.60	5.80	0.00	0.00	0.00	0.00	
24	0.00	0.00	130.50	81.80	207.40	308.90	6.20	5.40	0.00	0.00	0.00	0.00	
25	0.00	0.00	145.00	110.80	216.00	289.90	6.00	5.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	155.00	123.85	227.00	276.00	5.60	4.80	0.00	0.00	0.00	0.00	
27	0.00	0.00	158.60	134.50	236.60	259.50	5.60	4.40	0.00	0.00	0.00	0.00	
28	0.00	0.00	159.20	144.50	240.20	254.10	5.40	4.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	151.60	152.00	236.60	254.10	5.40	3.60	0.00	0.00	0.00	0.00	
30	0.00	0.00	142.70	158.60	251.50	254.10	5.20	3.40	0.00	0.00	0.00	0.00	
31	0.00	0.00	162.80	247.60			5.20		0.00	0.00			
Total	0.00	0.00	1663.53	2902.06	5386.15	7190.40	2879.60	172.40	23.40	0.00	0.00	0.00	20217.54 CMSDAY
Mean	0.00	0.00	55.45	93.61	173.75	239.68	92.89	5.75	0.75	0.00	0.00	0.00	55.39 CMS
Max	0.00	0.00	159.20	162.80	251.50	322.20	243.80	9.00	3.40	0.00	0.00	0.00	322.20 CMS
Min	0.00	0.00	0.00	16.40	125.65	173.00	5.20	3.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	143.73	250.74	465.36	621.25	248.80	14.90	2.02	0.00	0.00	0.00	1746.80 MCM
Momentary Peak	322.20	CMS.	at 154.58 m. (MSL.)	at 06.00 Hours	on Sep 22, 2005								
Runoff Yield	25.19	Liters/Second/Square KM.			Momentary Peak Yield	146.521	Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Nam Man at Ban Hua Na Yung, Loei (Kh.75)

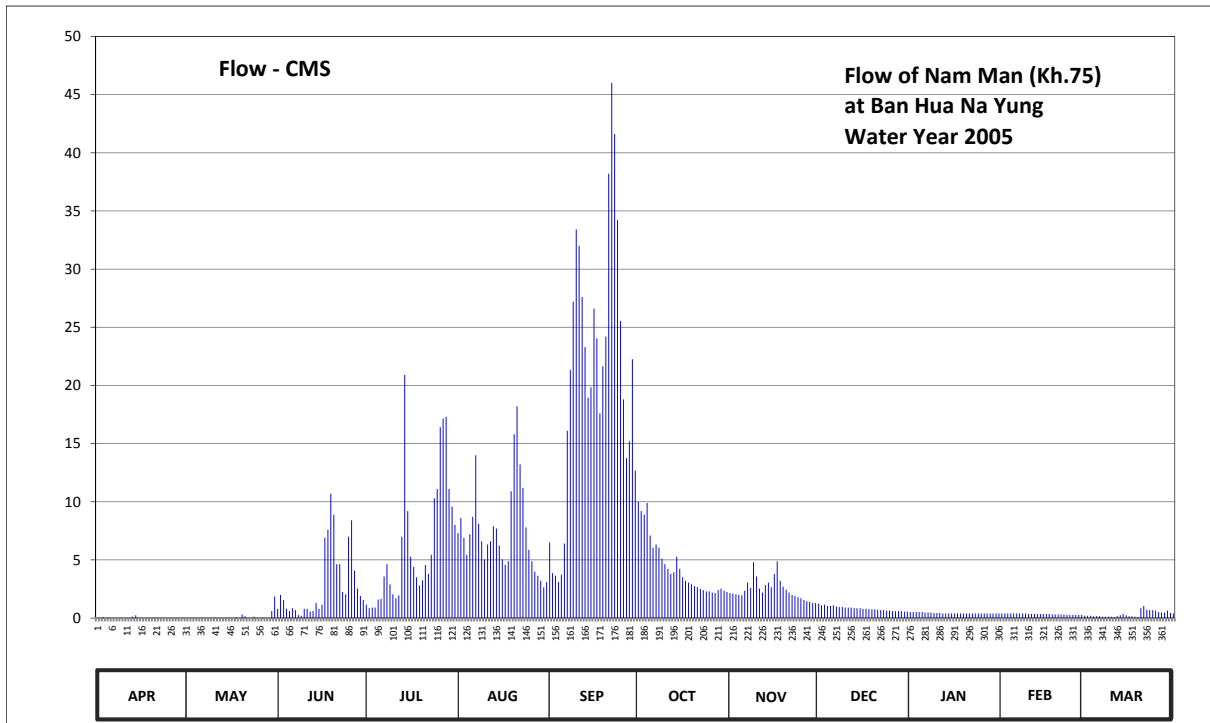
Lat 17 - 16 - 30 N Long 101 - 09 - 06 E

Location : on left bank at the bridge of Nam Man.

	Ban	Hua Na Yung	Amphoe	Dan Sai	Changwat	Loei
Drainage Area	388	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+346.573 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank downstream side at the abutment of the bridge.				Elevation	+356.602 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1983 to date					
Rating Operation						
Period of Rating	1994 to date					
Rated by Flot	-					
Rated by Current Meter	1994 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	349.30	349.32	349.60	349.67	350.58	350.50	350.85	349.87	349.69	349.53	349.50	349.45	
2	349.34	349.32	349.84	349.61	350.71	350.18	350.77	349.86	349.66	349.53	349.50	349.45	
3	349.42	349.27	349.75	349.62	350.54	350.15	350.74	349.85	349.67	349.53	349.50	349.45	
4	349.32	349.26	349.60	349.62	350.38	350.06	350.84	349.84	349.65	349.53	349.50	349.44	
5	349.41	349.27	349.55	349.76	350.57	350.16	350.56	349.83	349.65	349.53	349.50	349.44	
6	349.36	349.27	349.61	349.77	350.72	350.49	350.45	349.91	349.66	349.52	349.50	349.44	
7	349.33	349.27	349.57	350.14	351.20	351.34	350.48	350.05	349.64	349.52	349.50	349.43	
8	349.32	349.26	349.47	350.28	350.66	351.69	350.45	349.96	349.63	349.52	349.50	349.43	
9	349.32	349.23	349.45	350.02	350.51	352.06	350.34	350.30	349.63	349.51	349.50	349.43	
10	349.29	349.22	349.60	349.85	350.33	352.37	350.28	350.14	349.62	349.51	349.49	349.43	
11	349.29	349.22	349.60	349.78	350.48	352.30	350.23	349.95	349.62	349.51	349.49	349.42	
12	349.27	349.21	349.54	349.83	350.51	352.08	350.17	349.88	349.62	349.50	349.49	349.44	
13	349.43	349.23	349.55	350.55	350.64	351.82	350.19	350.01	349.61	349.50	349.49	349.46	
14	349.46	349.25	349.70	351.66	350.62	351.53	350.36	350.05	349.61	349.50	349.49	349.49	
15	349.36	349.28	349.60	350.77	350.47	351.59	350.23	349.97	349.61	349.50	349.49	349.46	
16	349.34	349.33	349.67	350.36	350.33	352.03	350.13	350.17	349.60	349.50	349.49	349.44	
17	349.32	349.37	350.54	350.25	350.27	351.87	350.08	350.31	349.60	349.50	349.49	349.44	
18	349.31	349.42	350.61	350.13	350.31	351.44	350.05	350.08	349.59	349.50	349.48	349.43	
19	349.35	349.33	350.92	350.00	350.94	351.71	350.02	349.98	349.59	349.50	349.48	349.42	
20	349.41	349.48	350.74	350.09	351.32	351.88	349.99	349.93	349.59	349.50	349.48	349.61	
21	349.37	349.44	350.28	350.27	351.48	352.61	349.97	349.88	349.58	349.50	349.48	349.65	
22	349.34	349.36	350.28	350.17	351.14	353.00	349.94	349.84	349.57	349.50	349.48	349.58	
23	349.33	349.39	349.89	350.38	350.97	352.78	349.92	349.82	349.57	349.50	349.47	349.57	
24	349.31	349.43	349.85	350.88	350.63	352.41	349.90	349.80	349.56	349.50	349.47	349.57	
25	349.30	349.40	350.55	350.96	350.43	351.97	349.90	349.78	349.56	349.50	349.47	349.56	
26	349.33	349.39	350.69	351.36	350.31	351.52	349.88	349.75	349.55	349.50	349.47	349.53	
27	349.37	349.41	350.21	351.41	350.20	351.18	349.87	349.73	349.55	349.50	349.47	349.52	
28	349.32	349.34	349.95	351.42	350.15	351.28	349.92	349.72	349.55	349.50	349.47	349.52	
29	349.29	349.29	349.82	350.96	350.08	351.75	349.95	349.70	349.55	349.50		349.56	
30	349.28	349.55	349.75	350.81	349.97	351.10	349.91	349.70	349.54	349.50		349.51	
31		349.81		350.65	350.06		349.89		349.54	349.50		349.50	
Mean	349.34	349.34	349.93	350.36	350.56	351.56	350.20	349.92	349.60	349.51	349.49	349.49	
Max	349.46	349.81	350.92	351.66	351.48	353.00	350.85	350.31	349.69	349.53	349.50	349.65	353.00
Min	349.27	349.21	349.45	349.61	349.97	350.06	349.87	349.70	349.54	349.50	349.47	349.42	349.21
Annual Max Momentary Gage Height	353.07		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	346.57		m. (MSL.) ,			River Bed	348.23		m. (MSL.)				
Left Bank Elevation	356.66		m. (MSL.) ,										
Right Bank Elevation	356.66		m. (MSL.) ,			Drainage Are	388		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.80	1.15	7.30	6.50	10.00	2.15	1.25	0.52	0.40	0.20	
2	0.00	0.00	2.00	0.85	8.60	3.86	9.20	2.10	1.10	0.52	0.40	0.20	
3	0.08	0.00	1.55	0.90	6.90	3.65	8.90	2.05	1.15	0.52	0.40	0.20	
4	0.00	0.00	0.80	0.90	5.44	3.10	9.90	2.00	1.05	0.52	0.40	0.16	
5	0.04	0.00	0.60	1.60	7.20	3.72	7.10	1.95	1.05	0.52	0.40	0.16	
6	0.00	0.00	0.85	1.65	8.70	6.41	6.05	2.35	1.10	0.48	0.40	0.16	
7	0.00	0.00	0.68	3.58	14.00	16.10	6.32	3.05	1.00	0.48	0.40	0.12	
8	0.00	0.00	0.28	4.64	8.10	21.35	6.05	2.60	0.95	0.48	0.40	0.12	
9	0.00	0.00	0.20	2.90	6.60	27.20	5.12	4.80	0.95	0.44	0.40	0.12	
10	0.00	0.00	0.80	2.05	5.04	33.40	4.64	3.58	0.90	0.44	0.36	0.12	
11	0.00	0.00	0.80	1.70	6.32	32.00	4.24	2.55	0.90	0.44	0.36	0.08	
12	0.00	0.00	0.56	1.95	6.60	27.60	3.79	2.20	0.90	0.40	0.36	0.16	
13	0.12	0.00	0.60	7.00	7.90	23.30	3.93	2.85	0.85	0.40	0.36	0.24	
14	0.24	0.00	1.30	20.90	7.70	18.95	5.28	3.05	0.85	0.40	0.36	0.36	
15	0.00	0.00	0.80	9.20	6.23	19.85	4.24	2.65	0.85	0.40	0.36	0.24	
16	0.00	0.00	1.15	5.28	5.04	26.60	3.51	3.79	0.80	0.40	0.36	0.16	
17	0.00	0.00	6.90	4.40	4.56	24.05	3.20	4.88	0.80	0.40	0.36	0.16	
18	0.00	0.08	7.60	3.51	4.88	17.60	3.05	3.20	0.76	0.40	0.32	0.12	
19	0.00	0.00	10.70	2.80	10.90	21.65	2.90	2.70	0.76	0.40	0.32	0.08	
20	0.04	0.32	8.90	3.25	15.80	24.20	2.75	2.45	0.76	0.40	0.32	0.85	
21	0.00	0.16	4.64	4.56	18.20	38.20	2.65	2.20	0.72	0.40	0.32	1.05	
22	0.00	0.00	4.64	3.79	13.22	46.00	2.50	2.00	0.68	0.40	0.32	0.72	
23	0.00	0.00	2.25	5.44	11.20	41.60	2.40	1.90	0.68	0.40	0.28	0.68	
24	0.00	0.12	2.05	10.30	7.80	34.20	2.30	1.80	0.64	0.40	0.28	0.68	
25	0.00	0.00	7.00	11.10	5.87	25.55	2.30	1.70	0.64	0.40	0.28	0.64	
26	0.00	0.00	8.40	16.40	4.88	18.80	2.20	1.55	0.60	0.40	0.28	0.52	
27	0.00	0.04	4.08	17.15	4.00	13.74	2.15	1.45	0.60	0.40	0.28	0.48	
28	0.00	0.00	2.55	17.30	3.65	15.20	2.40	1.40	0.60	0.40	0.28	0.48	
29	0.00	0.00	1.90	11.10	3.20	22.25	2.55	1.30	0.60	0.40	0.28	0.64	
30	0.00	0.60	1.55	9.60	2.65	12.70	2.35	1.30	0.56	0.40	0.28	0.44	
31		1.85		8.00	3.10		2.25		0.56	0.40		0.40	
Total	0.52	3.17	86.93	194.95	231.58	629.33	136.22	73.55	25.61	13.36	9.76	10.74	1415.72 CMSDAY
Mean	0.02	0.10	2.90	6.29	7.47	20.98	4.39	2.45	0.83	0.43	0.35	0.35	3.88 CMS
Max	0.24	1.85	10.70	20.90	18.20	46.00	10.00	4.88	1.25	0.52	0.40	1.05	46.00 CMS
Min	0.00	0.00	0.20	0.85	2.65	3.10	2.15	1.30	0.56	0.40	0.28	0.08	0.00 CMS
Runoff	0.05	0.27	7.51	16.84	20.01	54.37	11.77	6.36	2.21	1.15	0.84	0.93	122.32 MCM
Momentary Peak	47.75	CMS.	at 353.07 m. (MSL.)	at 18.00 Hours	, on Sep 22, 2005								
Runoff Yield	10.00	Liters/Second/Square KM.		Momentary Peak Yield	123.067	Liters/Second/Square KM.							

WATER YEAR : 2005

KHONG RIVER BASIN

Nam Thop at Ban Kok So , Loei (Kh.77A)

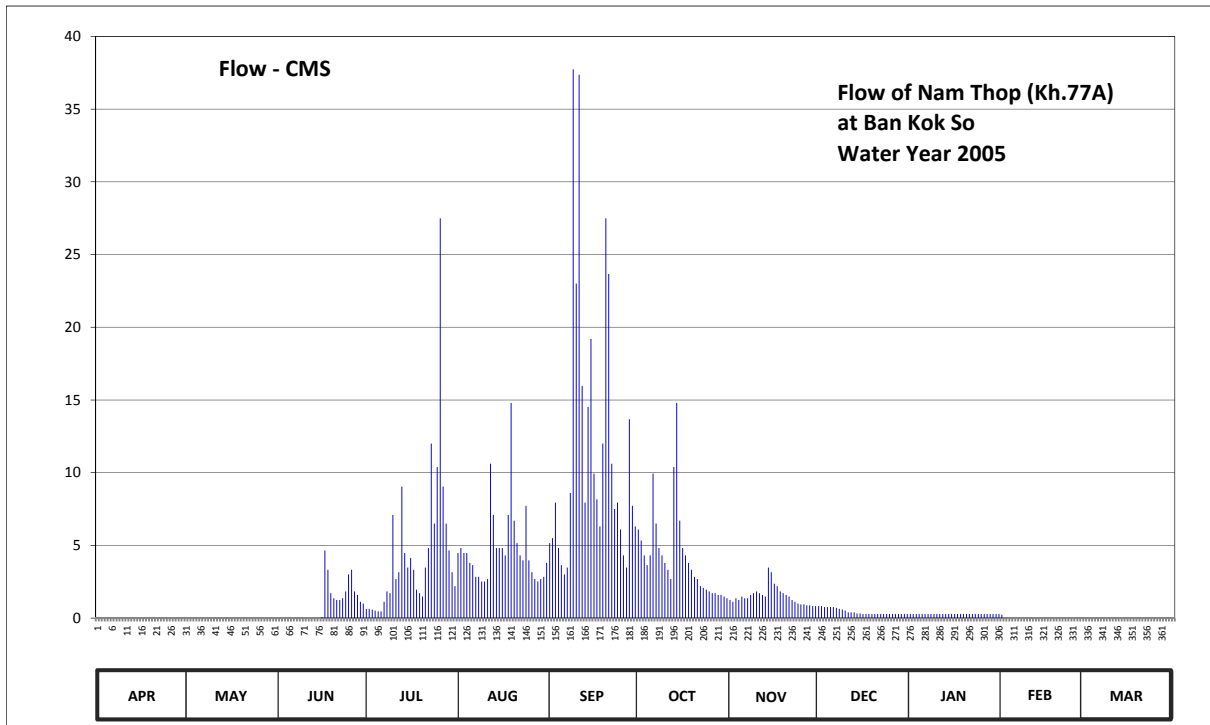
Lat 17 - 15 - 46 N Long 101 - 39 - 28 E

Location : on left bank at Ban Kok So.

	Ban	Kok So	Amphoe	Wang Saphung	Changwat	Loei
Drainage Area	156	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+260.980 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+268.630 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1983 to date					
Rating Operation						
Period of Rating	1984 to date					
Rated by Flot	-					
Rated by Current Meter	1984 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The cataract situated downstream from the gage site. Stage-discharge relation defined by 18 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	261.27	261.27	261.27	261.44	261.74	261.78	261.83	261.52	261.47	261.37	261.36	261.22	
2	261.27	261.27	261.27	261.44	261.76	261.80	261.79	261.51	261.47	261.37	261.27	261.22	
3	261.27	261.27	261.27	261.43	261.74	261.92	261.73	261.53	261.46	261.37	261.26	261.22	
4	261.27	261.27	261.27	261.42	261.74	261.76	261.69	261.52	261.46	261.37	261.26	261.22	
5	261.27	261.27	261.27	261.41	261.70	261.69	261.73	261.54	261.46	261.37	261.26	261.22	
6	261.27	261.27	261.27	261.41	261.69	261.65	262.01	261.53	261.46	261.37	261.24	261.22	
7	261.27	261.27	261.27	261.51	261.64	261.68	261.85	261.53	261.45	261.37	261.24	261.22	
8	261.27	261.27	261.27	261.57	261.64	261.95	261.76	261.55	261.44	261.37	261.24	261.22	
9	261.27	261.27	261.27	261.56	261.62	262.88	261.73	261.56	261.43	261.37	261.24	261.22	
10	261.27	261.27	261.27	261.88	261.62	262.47	261.70	261.57	261.42	261.37	261.24	261.22	
11	261.27	261.27	261.27	261.63	261.63	262.87	261.67	261.56	261.40	261.37	261.24	261.22	
12	261.27	261.27	261.27	261.66	262.04	262.24	261.63	261.55	261.40	261.37	261.24	261.22	
13	261.27	261.27	261.27	261.97	261.88	261.92	262.03	261.54	261.40	261.37	261.24	261.22	
14	261.27	261.27	261.27	261.74	261.76	262.19	262.20	261.68	261.38	261.37	261.24	261.22	
15	261.27	261.27	261.27	261.68	261.76	262.35	261.86	261.66	261.38	261.37	261.24	261.22	
16	261.27	261.27	261.32	261.72	261.76	262.01	261.76	261.61	261.37	261.37	261.22	261.22	
17	261.27	261.27	261.75	261.67	261.73	261.93	261.73	261.60	261.37	261.37	261.22	261.22	
18	261.27	261.27	261.67	261.58	261.88	261.84	261.70	261.57	261.37	261.37	261.22	261.22	
19	261.27	261.27	261.56	261.56	262.20	262.10	261.67	261.56	261.37	261.37	261.22	261.22	
20	261.27	261.27	261.53	261.54	261.86	262.60	261.64	261.55	261.37	261.37	261.22	261.22	
21	261.27	261.27	261.52	261.68	261.78	262.49	261.63	261.54	261.37	261.37	261.22	261.22	
22	261.27	261.27	261.52	261.76	261.73	262.04	261.60	261.52	261.37	261.37	261.22	261.22	
23	261.27	261.27	261.53	262.10	261.71	261.90	261.59	261.51	261.37	261.37	261.22	261.22	
24	261.27	261.27	261.57	261.85	261.91	261.92	261.58	261.50	261.37	261.37	261.22	261.22	
25	261.27	261.27	261.65	262.03	261.71	261.83	261.57	261.49	261.37	261.37	261.22	261.22	
26	261.27	261.27	261.67	262.60	261.66	261.73	261.56	261.49	261.37	261.37	261.22	261.22	
27	261.27	261.27	261.57	261.97	261.63	261.68	261.56	261.48	261.37	261.37	261.22	261.22	
28	261.27	261.28	261.55	261.85	261.62	262.16	261.55	261.48	261.37	261.37	261.22	261.22	
29	261.27	261.27	261.51	261.75	261.63	261.91	261.55	261.47	261.37	261.37	261.22	261.22	
30	261.27	261.27	261.50	261.66	261.64	261.84	261.54	261.47	261.37	261.37	261.22	261.26	
31	261.27	261.27	261.60	261.70	261.70	261.53	261.37	261.37	261.37	261.37	261.22	261.24	
Mean	261.27	261.27	261.42	261.70	261.75	262.04	261.71	261.54	261.40	261.37	261.24	261.22	
Max	261.27	261.28	261.75	262.60	262.20	262.88	262.20	261.68	261.47	261.37	261.36	261.26	262.88
Min	261.27	261.27	261.27	261.41	261.62	261.65	261.53	261.47	261.37	261.37	261.22	261.22	261.22
Annual Max Momentary Gage Height	263.50		m. (MSL.) ,				at 18.00 Hours ,	on Sep 9 , 2005					
Zero Gage at Bottom Elevation	260.98		m. (MSL.) ,			River Bed	260.93	m. (MSL.)					
Left Bank Elevation	268.66		m. (MSL.) ,										
Right Bank Elevation	268.66		m. (MSL.) ,		Drainage Are	156	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.64	4.48	5.16	6.10	1.24	0.82	0.28	0.24	0.00	
2	0.00	0.00	0.00	0.64	4.82	5.50	5.33	1.12	0.82	0.28	0.00	0.00	
3	0.00	0.00	0.00	0.58	4.48	7.94	4.31	1.36	0.76	0.28	0.00	0.00	
4	0.00	0.00	0.00	0.52	4.48	4.82	3.64	1.24	0.76	0.28	0.00	0.00	
5	0.00	0.00	0.00	0.46	3.80	3.64	4.31	1.48	0.76	0.28	0.00	0.00	
6	0.00	0.00	0.00	0.46	3.64	3.00	9.93	1.36	0.76	0.28	0.00	0.00	
7	0.00	0.00	0.00	1.12	2.84	3.48	6.50	1.36	0.70	0.28	0.00	0.00	
8	0.00	0.00	0.00	1.84	2.84	8.60	4.82	1.60	0.64	0.28	0.00	0.00	
9	0.00	0.00	0.00	1.72	2.52	37.74	4.31	1.72	0.58	0.28	0.00	0.00	
10	0.00	0.00	0.00	7.10	2.52	23.01	3.80	1.84	0.52	0.28	0.00	0.00	
11	0.00	0.00	0.00	2.68	2.68	37.36	3.32	1.72	0.40	0.28	0.00	0.00	
12	0.00	0.00	0.00	3.16	10.62	15.96	2.68	1.60	0.40	0.28	0.00	0.00	
13	0.00	0.00	0.00	9.04	7.10	7.94	10.39	1.48	0.40	0.28	0.00	0.00	
14	0.00	0.00	0.00	4.48	4.82	14.52	14.80	3.48	0.32	0.28	0.00	0.00	
15	0.00	0.00	0.00	3.48	4.82	19.20	6.70	3.16	0.32	0.28	0.00	0.00	
16	0.00	0.00	0.08	4.14	4.82	9.93	4.82	2.36	0.28	0.28	0.00	0.00	
17	0.00	0.00	4.65	3.32	4.31	8.16	4.31	2.20	0.28	0.28	0.00	0.00	
18	0.00	0.00	3.32	1.96	7.10	6.30	3.80	1.84	0.28	0.28	0.00	0.00	
19	0.00	0.00	1.72	1.72	14.80	12.00	3.32	1.72	0.28	0.28	0.00	0.00	
20	0.00	0.00	1.36	1.48	6.70	27.50	2.84	1.60	0.28	0.28	0.00	0.00	
21	0.00	0.00	1.24	3.48	5.16	23.67	2.68	1.48	0.28	0.28	0.00	0.00	
22	0.00	0.00	1.24	4.82	4.31	10.62	2.20	1.24	0.28	0.28	0.00	0.00	
23	0.00	0.00	1.36	12.00	3.97	7.50	2.08	1.12	0.28	0.28	0.00	0.00	
24	0.00	0.00	1.84	6.50	7.72	7.94	1.96	1.00	0.28	0.28	0.00	0.00	
25	0.00	0.00	3.00	10.39	3.97	6.10	1.84	0.94	0.28	0.28	0.00	0.00	
26	0.00	0.00	3.32	27.50	3.16	4.31	1.72	0.94	0.28	0.28	0.00	0.00	
27	0.00	0.00	1.84	9.04	2.68	3.48	1.72	0.88	0.28	0.28	0.00	0.00	
28	0.00	0.00	1.60	6.50	2.52	13.68	1.60	0.88	0.28	0.28	0.00	0.00	
29	0.00	0.00	1.12	4.65	2.68	7.72	1.60	0.82	0.28	0.28	0.00	0.00	
30	0.00	0.00	1.00	3.16	2.84	6.30	1.48	0.82	0.28	0.28	0.00	0.00	
31	0.00	0.00	2.20	3.80	3.80	3.80	1.36	0.28	0.28	0.28	0.00	0.00	
Total	0.00	0.00	28.69	140.78	147.00	353.08	130.27	45.60	13.44	8.68	0.24	0.00	867.78 CMSDAY
Mean	0.00	0.00	0.96	4.54	4.74	11.77	4.20	1.52	0.43	0.28	0.01	0.00	2.38 CMS
Max	0.00	0.00	4.65	27.50	14.80	37.74	14.80	3.48	0.82	0.28	0.24	0.00	37.74 CMS
Min	0.00	0.00	0.00	0.46	2.52	3.00	1.36	0.82	0.28	0.28	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	2.48	12.16	12.70	30.51	11.26	3.94	1.16	0.75	0.02	0.00	74.98 MCM
Momentary Peak	70.00	CMS. at 263.50 m. (MSL.) at 18.00 Hours , on Sep 9 , 2005											
Runoff Yield	15.24	Liters/Second/Square KM. Momentary Peak Yield 448.718 Liters/Second/Square KM.											

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Nam Huai at Ban Nam Huai , Loei (Kh.78)

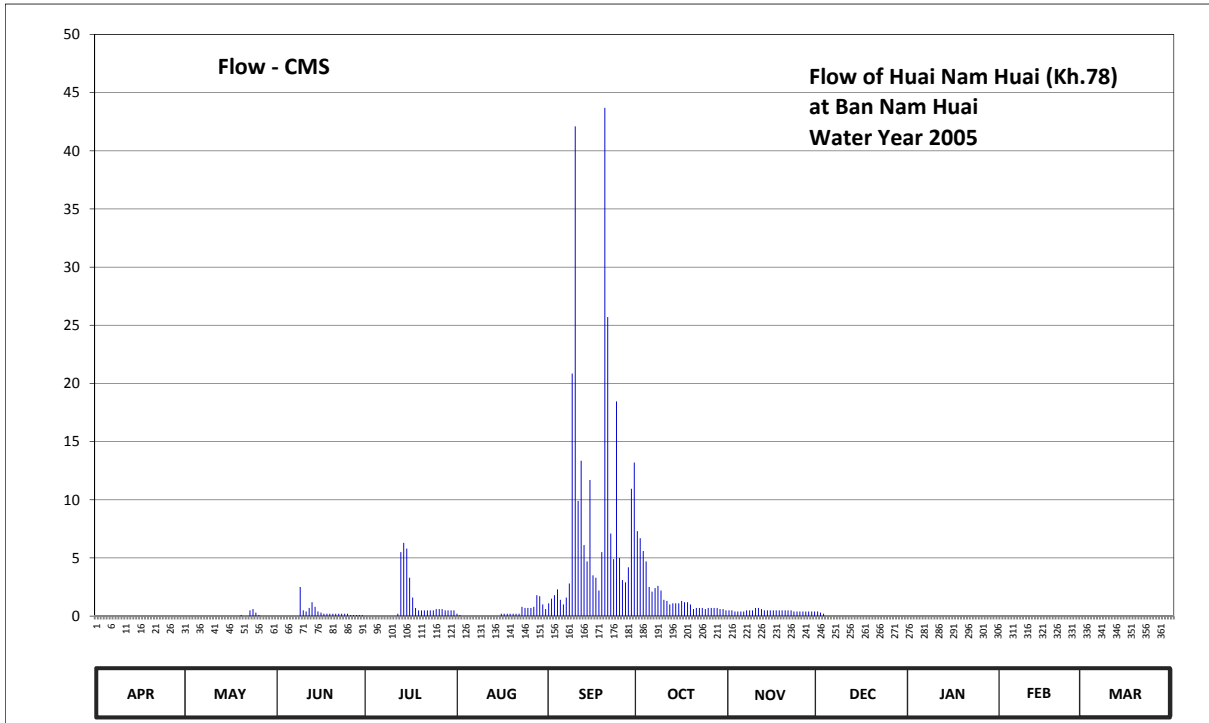
Lat 17 - 23 - 00 N Long 101 - 42 - 40 E

Location : on left bank at the bridge of Amphoe Wang Saphung - Amphoe Mueang Highway.

	Ban Nam Huai	Amphoe Mueang	Changwat Loei
Drainage Area	219 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+246.224 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream side at the footpath of the bridge.	Elevation	+256.495 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The concrete weir situated about 700 meters downstream from the gage site. Stage-discharge relation defined by 4 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	247.62	248.00	248.40	248.40	248.42	248.51	249.13	248.45	248.44	247.72	247.33	247.22	
2	247.62	248.00	248.40	248.40	248.41	248.55	249.07	248.45	248.43	247.70	247.33	247.22	
3	247.62	248.01	248.40	248.40	248.40	248.58	248.96	248.44	248.42	247.66	247.33	247.22	
4	247.66	248.02	248.40	248.40	248.37	248.63	248.87	248.44	248.40	247.61	247.33	247.22	
5	247.67	248.04	248.40	248.40	248.36	248.54	248.65	248.44	248.38	247.57	247.30	247.22	
6	247.72	248.05	248.40	248.40	248.32	248.50	248.61	248.44	248.35	247.54	247.27	247.22	
7	247.72	248.06	248.40	248.40	248.32	248.56	248.64	248.45	248.29	247.51	247.27	247.22	
8	247.77	248.07	248.40	248.40	248.32	248.68	248.66	248.45	248.22	247.50	247.26	247.22	
9	247.82	248.07	248.65	248.40	248.27	250.09	248.62	248.45	248.16	247.49	247.22	247.22	
10	247.89	248.07	248.45	248.40	248.29	251.23	248.54	248.47	248.05	247.48	247.22	247.22	
11	247.89	248.08	248.44	248.40	248.39	249.36	248.53	248.47	248.01	247.47	247.22	247.31	
12	247.89	248.08	248.47	248.42	248.34	249.59	248.50	248.46	247.99	247.46	247.22	247.32	
13	247.89	248.09	248.52	248.95	248.38	249.01	248.51	248.45	247.90	247.45	247.17	247.32	
14	247.89	248.09	248.48	249.03	248.40	248.87	248.51	248.45	247.83	247.44	247.17	247.32	
15	247.90	248.09	248.44	248.98	248.40	249.48	248.51	248.45	247.83	247.42	247.17	247.32	
16	247.90	248.11	248.43	248.73	248.42	248.75	248.53	248.45	247.79	247.40	247.17	247.32	
17	247.90	248.30	248.42	248.56	248.42	248.73	248.52	248.45	247.79	247.37	247.17	247.32	
18	247.90	248.38	248.42	248.47	248.42	248.62	248.52	248.45	247.79	247.35	247.17	247.32	
19	247.92	248.40	248.42	248.45	248.42	248.95	248.50	248.45	247.79	247.33	247.17	247.32	
20	247.92	248.41	248.42	248.45	248.42	251.31	248.46	248.45	247.78	247.33	247.17	247.32	
21	247.93	248.27	248.42	248.45	248.42	250.41	248.47	248.45	247.72	247.33	247.17	247.37	
22	247.94	248.33	248.42	248.45	248.42	249.11	248.47	248.45	247.72	247.33	247.17	247.39	
23	247.95	248.45	248.42	248.45	248.48	248.89	248.47	248.44	247.72	247.33	247.22	247.39	
24	247.95	248.46	248.42	248.45	248.47	249.93	248.46	248.44	247.72	247.33	247.22	247.39	
25	247.98	248.43	248.42	248.46	248.47	248.90	248.47	248.44	247.72	247.33	247.22	247.39	
26	247.99	248.41	248.41	248.46	248.47	248.71	248.47	248.44	247.72	247.33	247.22	247.39	
27	247.99	248.36	248.41	248.46	248.48	248.69	248.47	248.44	247.72	247.33	247.22	247.39	
28	247.99	248.32	248.41	248.45	248.58	248.82	248.47	248.44	247.72	247.33	247.22	247.39	
29	247.99	248.32	248.41	248.45	248.57	249.43	248.46	248.44	247.72	247.33	247.22	247.39	
30	248.00	248.38	248.41	248.45	248.50	249.58	248.46	248.44	247.72	247.33	247.22	247.39	
31		248.40		248.45	248.46		248.45		247.72	247.33	247.22	247.39	
Mean	247.86	248.21	248.43	248.50	248.41	249.17	248.58	248.45	247.95	247.43	247.23	247.31	
Max	248.00	248.46	248.65	249.03	248.58	251.31	249.13	248.47	248.44	247.72	247.33	247.39	251.31
Min	247.62	248.00	248.40	248.40	248.27	248.50	248.45	248.44	247.72	247.33	247.17	247.22	247.17
Annual Max Momentary Gage Height	252.10		m. (MSL.) ,			at 24.00 Hours ,	on Sep 9 , 2005						
Zero Gage at Bottom Elevation	246.22		m. (MSL.) ,			River Bed	247.35	m. (MSL.)					
Left Bank Elevation		256.25		m. (MSL.) ,									
Right Bank Elevation		256.22		m. (MSL.) ,		Drainage Are	219	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.20	1.10	7.30	0.50	0.40	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.10	1.50	6.70	0.50	0.30	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	1.80	5.60	0.40	0.20	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	2.30	4.70	0.40	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	1.40	2.50	0.40	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	1.00	2.10	0.40	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	1.60	2.40	0.50	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	2.80	2.60	0.50	0.00	0.00	0.00	0.00	
9	0.00	0.00	2.50	0.00	0.00	20.85	2.20	0.50	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.50	0.00	0.00	42.10	1.40	0.70	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.40	0.00	0.00	9.90	1.30	0.70	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.70	0.20	0.00	13.35	1.00	0.60	0.00	0.00	0.00	0.00	
13	0.00	0.00	1.20	5.50	0.00	6.10	1.10	0.50	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.80	6.30	0.00	4.70	1.10	0.50	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.40	5.80	0.00	11.70	1.10	0.50	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.30	3.30	0.20	3.50	1.30	0.50	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.20	1.60	0.20	3.30	1.20	0.50	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.20	0.70	0.20	2.20	1.20	0.50	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.20	0.50	0.20	5.50	1.00	0.50	0.00	0.00	0.00	0.00	
20	0.00	0.10	0.20	0.50	0.20	43.70	0.60	0.50	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.20	0.50	0.20	25.70	0.70	0.50	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.20	0.50	0.20	7.10	0.70	0.50	0.00	0.00	0.00	0.00	
23	0.00	0.50	0.20	0.50	0.80	4.90	0.70	0.40	0.00	0.00	0.00	0.00	
24	0.00	0.60	0.20	0.50	0.70	18.45	0.60	0.40	0.00	0.00	0.00	0.00	
25	0.00	0.30	0.20	0.60	0.70	5.00	0.70	0.40	0.00	0.00	0.00	0.00	
26	0.00	0.10	0.10	0.60	0.70	3.10	0.70	0.40	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.10	0.60	0.80	2.90	0.70	0.40	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.10	0.50	1.80	4.20	0.70	0.40	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.10	0.50	1.70	10.95	0.60	0.40	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.10	0.50	1.00	13.20	0.60	0.40	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.50	0.60	0.00	0.50	0.00	0.00	0.00	0.00	0.00	
Total	0.00	1.60	9.10	30.20	10.50	275.90	55.60	14.30	0.90	0.00	0.00	0.00	398.10 CMSDAY
Mean	0.00	0.05	0.30	0.97	0.34	9.20	1.79	0.48	0.03	0.00	0.00	0.00	1.09 CMS
Max	0.00	0.60	2.50	6.30	1.80	43.70	7.30	0.70	0.40	0.00	0.00	0.00	43.70 CMS
Min	0.00	0.00	0.00	0.00	0.00	1.00	0.50	0.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.14	0.79	2.61	0.91	23.84	4.80	1.24	0.08	0.00	0.00	0.00	34.40 MCM
Momentary Peak	62.05 CMS. at 252.10 m. (MSL.) at 24.00 Hours , on Sep 9 , 2005												
Runoff Yield	4.98 Liters/Second/Square KM.			Momentary Peak Yield 283.333 Liters/Second/Square KM.									

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Bang I at Ban Nong O, Muk Dahan (Kh.79)

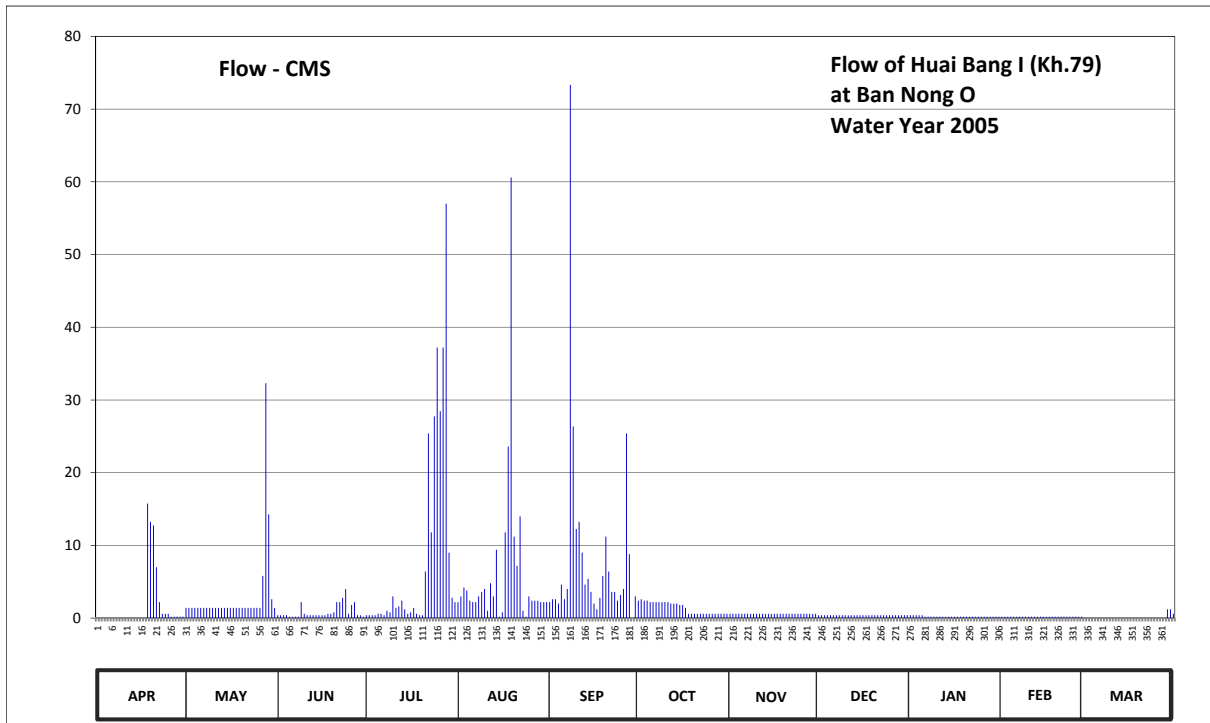
Lat 16 - 28 - 56 N Long 104 - 20 - 08 E

Location : on right bank at the bridge on highway.

	Ban Nong O	Amphoe Nong Sung	Changwat Muk Dahan
Drainage Area	104 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+186.130 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank at the abutment of the bridge.		Elevation +195.802 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair.Stage-discharge relation defined by 10 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	188.43	188.57	188.52	188.52	188.61	188.61	188.62	188.53	188.52	188.52	188.51	188.50	
2	188.43	188.57	188.52	188.52	188.65	188.63	188.63	188.53	188.52	188.52	188.51	188.50	
3	188.43	188.57	188.52	188.52	188.71	188.63	188.62	188.53	188.52	188.52	188.51	188.50	
4	188.43	188.57	188.52	188.52	188.69	188.60	188.62	188.53	188.52	188.52	188.51	188.50	
5	188.43	188.57	188.51	188.53	188.62	188.73	188.61	188.53	188.52	188.52	188.51	188.50	
6	188.43	188.57	188.51	188.53	188.61	188.63	188.61	188.53	188.52	188.51	188.51	188.50	
7	188.43	188.57	188.51	188.52	188.61	188.70	188.61	188.53	188.52	188.51	188.51	188.50	
8	188.43	188.57	188.51	188.55	188.65	190.83	188.61	188.53	188.52	188.51	188.51	188.50	
9	188.43	188.57	188.61	188.54	188.68	189.61	188.61	188.53	188.52	188.51	188.51	188.50	
10	188.43	188.57	188.53	188.65	188.70	189.11	188.61	188.53	188.52	188.51	188.51	188.50	
11	188.43	188.57	188.52	188.57	188.55	189.15	188.61	188.53	188.52	188.51	188.51	188.50	
12	188.43	188.57	188.52	188.58	188.74	188.95	188.60	188.53	188.52	188.51	188.51	188.50	
13	188.43	188.57	188.52	188.62	188.65	188.73	188.60	188.53	188.52	188.51	188.51	188.50	
14	188.43	188.57	188.52	188.56	188.97	188.77	188.60	188.53	188.52	188.51	188.51	188.50	
15	188.43	188.57	188.52	188.53	188.51	188.68	188.59	188.53	188.52	188.51	188.51	188.50	
16	188.43	188.57	188.52	188.54	188.54	188.60	188.59	188.53	188.52	188.51	188.51	188.50	
17	188.45	188.57	188.52	188.57	189.09	188.56	188.57	188.53	188.52	188.51	188.51	188.50	
18	189.25	188.57	188.53	188.53	189.52	188.64	188.53	188.53	188.52	188.51	188.51	188.50	
19	189.15	188.57	188.53	188.52	190.54	188.79	188.53	188.53	188.52	188.51	188.51	188.50	
20	189.13	188.57	188.54	188.52	189.06	189.06	188.53	188.53	188.52	188.51	188.51	188.50	
21	188.85	188.57	188.61	188.82	188.86	188.82	188.53	188.53	188.52	188.51	188.51	188.50	
22	188.61	188.57	188.61	189.58	189.18	188.68	188.53	188.53	188.52	188.51	188.51	188.50	
23	188.53	188.57	188.64	189.09	188.55	188.68	188.53	188.53	188.52	188.51	188.51	188.50	
24	188.53	188.57	188.70	189.65	188.51	188.62	188.53	188.53	188.52	188.51	188.51	188.50	
25	188.53	188.57	188.53	189.92	188.65	188.66	188.53	188.53	188.52	188.51	188.51	188.50	
26	188.51	188.57	188.59	189.67	188.62	188.70	188.53	188.53	188.52	188.51	188.51	188.50	
27	188.51	188.79	188.61	189.92	188.62	189.58	188.53	188.53	188.52	188.51	188.51	188.50	
28	188.51	189.78	188.52	190.45	188.62	188.94	188.53	188.53	188.52	188.51	188.51	188.50	
29	188.51	189.19	188.52	188.95	188.61	188.46	188.53	188.53	188.52	188.51	188.51	188.50	
30	188.51	188.63	188.51	188.64	188.61	188.65	188.53	188.53	188.52	188.51	188.51	188.50	
31		188.57		188.61	188.61		188.53		188.52	188.51		188.53	
Mean	188.55	188.64	188.54	188.85	188.78	188.86	188.57	188.53	188.52	188.51	188.51	188.50	
Max	189.25	189.78	188.70	190.45	190.54	190.83	188.63	188.53	188.52	188.52	188.51	188.56	190.83
Min	188.43	188.57	188.51	188.52	188.51	188.46	188.53	188.53	188.52	188.51	188.51	188.50	188.43
Annual Max Momentary Gage Height	191.73		m. (MSL.) ,				at 12.00 Hours ,						on Sep 8 , 2005
Zero Gage at Bottom Elevation	186.13		m. (MSL.) ,			River Bed	186.92		m. (MSL.)				
Left Bank Elevation	195.54		m. (MSL.) ,										
Right Bank Elevation	195.52		m. (MSL.) ,			Drainage Are	104		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.40	0.40	0.40	2.20	2.20	2.40	0.60	0.40	0.40	0.20	0.00	
2	0.00	1.40	0.40	0.40	3.00	2.60	2.60	0.60	0.40	0.40	0.20	0.00	
3	0.00	1.40	0.40	0.40	4.20	2.60	2.40	0.60	0.40	0.40	0.20	0.00	
4	0.00	1.40	0.40	0.40	3.80	2.00	2.40	0.60	0.40	0.40	0.20	0.00	
5	0.00	1.40	0.20	0.60	2.40	4.60	2.20	0.60	0.40	0.40	0.20	0.00	
6	0.00	1.40	0.20	0.60	2.20	2.60	2.20	0.60	0.40	0.20	0.20	0.00	
7	0.00	1.40	0.20	0.40	2.20	4.00	2.20	0.60	0.40	0.20	0.20	0.00	
8	0.00	1.40	0.20	1.00	3.00	73.35	2.20	0.60	0.40	0.20	0.20	0.00	
9	0.00	1.40	2.20	0.80	3.60	26.35	2.20	0.60	0.40	0.20	0.20	0.00	
10	0.00	1.40	0.60	3.00	4.00	12.25	2.20	0.60	0.40	0.20	0.20	0.00	
11	0.00	1.40	0.40	1.40	1.00	13.25	2.20	0.60	0.40	0.20	0.20	0.00	
12	0.00	1.40	0.40	1.60	4.80	9.00	2.00	0.60	0.40	0.20	0.20	0.00	
13	0.00	1.40	0.40	2.40	3.00	4.60	2.00	0.60	0.40	0.20	0.20	0.00	
14	0.00	1.40	0.40	1.20	9.40	5.40	2.00	0.60	0.40	0.20	0.20	0.00	
15	0.00	1.40	0.40	0.60	0.20	3.60	1.80	0.60	0.40	0.20	0.20	0.00	
16	0.00	1.40	0.40	0.80	0.80	2.00	1.80	0.60	0.40	0.20	0.20	0.00	
17	0.00	1.40	0.40	1.40	11.80	1.20	1.40	0.60	0.40	0.20	0.20	0.00	
18	15.75	1.40	0.60	0.60	23.60	2.80	0.60	0.60	0.40	0.20	0.20	0.00	
19	13.25	1.40	0.60	0.40	60.60	5.80	0.60	0.60	0.40	0.20	0.20	0.00	
20	12.75	1.40	0.80	0.40	11.20	11.20	0.60	0.60	0.40	0.20	0.20	0.00	
21	7.00	1.40	2.20	6.40	7.20	6.40	0.60	0.60	0.40	0.20	0.20	0.00	
22	2.20	1.40	2.20	25.40	14.00	3.60	0.60	0.60	0.40	0.20	0.20	0.00	
23	0.60	1.40	2.80	11.80	1.00	3.60	0.60	0.60	0.40	0.20	0.20	0.00	
24	0.60	1.40	4.00	27.75	0.20	2.40	0.60	0.60	0.40	0.20	0.20	0.00	
25	0.60	1.40	0.60	37.20	3.00	3.20	0.60	0.60	0.40	0.20	0.20	0.00	
26	0.20	1.40	1.80	28.45	2.40	4.00	0.60	0.60	0.40	0.20	0.20	0.00	
27	0.20	5.80	2.20	37.20	2.40	25.40	0.60	0.60	0.40	0.20	0.20	0.00	
28	0.20	32.30	0.40	57.00	2.40	8.80	0.60	0.60	0.40	0.20	0.20	0.00	
29	0.20	14.25	0.40	9.00	2.20	0.00	0.60	0.60	0.40	0.20		1.20	
30	0.20	2.60	0.20	2.80	2.20	3.00	0.60	0.60	0.40	0.20		1.20	
31		1.40		2.20	2.20		0.60		0.40	0.20		0.60	
Total	53.75	92.75	26.80	264.00	196.20	251.80	44.60	18.00	12.40	7.20	5.60	3.00	976.10 CMSDAY
Mean	1.79	2.99	0.89	8.52	6.33	8.39	1.44	0.60	0.40	0.23	0.20	0.10	2.67 CMS
Max	15.75	32.30	4.00	57.00	60.60	73.35	2.60	0.60	0.40	0.40	0.20	1.20	73.35 CMS
Min	0.00	1.40	0.20	0.40	0.20	0.00	0.60	0.60	0.40	0.20	0.20	0.00	0.00 CMS
Runoff	4.64	8.01	2.32	22.81	16.95	21.76	3.85	1.56	1.07	0.62	0.48	0.26	84.34 MCM
Momentary Peak		116.50	CMS.	at 191.73 m. (MSL.)	at 12.00 Hours	, on Sep 8, 2005							
Runoff Yield		25.71	Liters/Second/Square KM.		Momentary Peak Yield	1120.192	Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Sai at Ban Nong - ian Dong, Muk Dahan (Kh.84)

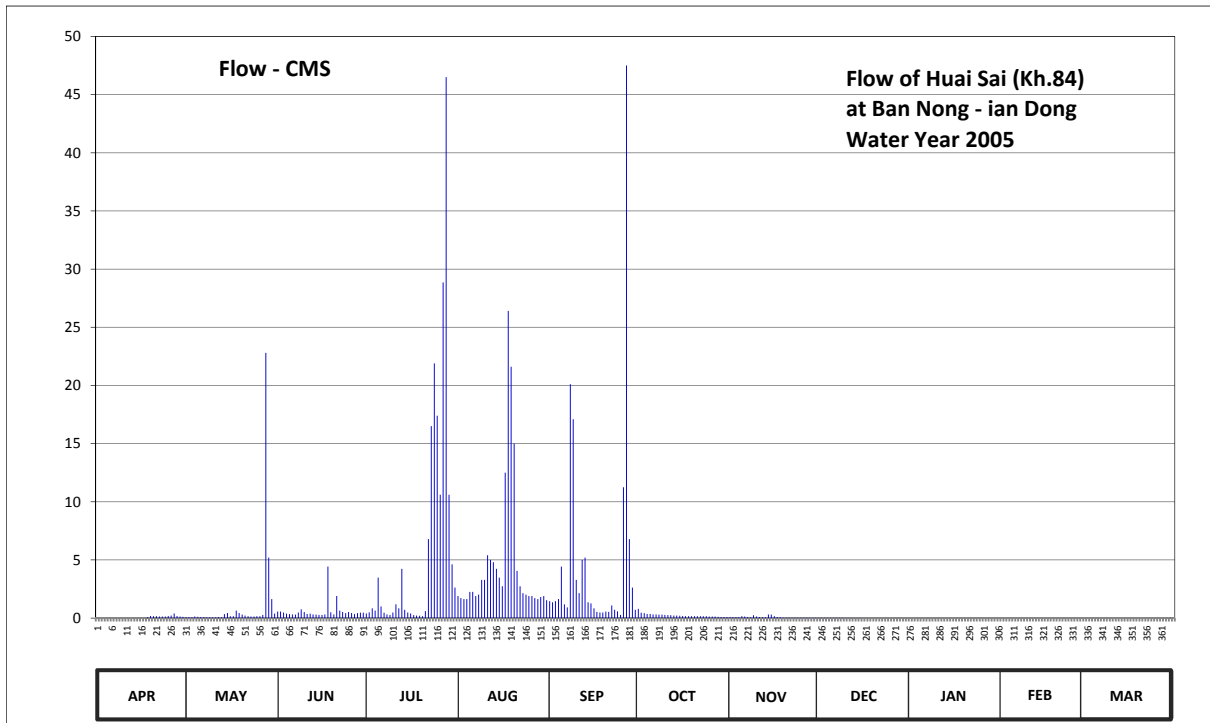
Lat 16 - 32 - 17 N Long 104 - 24 - 12 E

Location : on left bank at the bridge of Ban Huai Sai - Ban Nong - ian Dong Road.

	Ban Nong - ian Dong	Amphoe Kham Cha - I	Changwat Muk Dahan
Drainage Area	46 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+184.730 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream side at the footpath of the bridge.	Elevation	+190.766 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	184.84	185.22	185.48	185.40	185.70	185.65	185.55	185.22	185.17	185.13	185.11	185.11	
2	184.84	185.22	185.48	185.45	185.68	185.64	185.43	185.23	185.17	185.13	185.11	185.11	
3	184.84	185.21	185.44	185.56	185.67	185.65	185.41	185.22	185.17	185.13	185.11	185.11	
4	184.84	185.26	185.39	185.51	185.67	185.67	185.38	185.22	185.17	185.13	185.11	185.11	
5	184.85	185.24	185.37	185.82	185.73	185.87	185.38	185.27	185.17	185.13	185.11	185.11	
6	184.84	185.23	185.36	185.60	185.73	185.62	185.36	185.25	185.17	185.13	185.11	185.11	
7	184.83	185.22	185.35	185.43	185.70	185.58	185.36	185.23	185.17	185.13	185.11	185.11	
8	185.09	185.21	185.44	185.36	185.71	186.52	185.35	185.21	185.17	185.13	185.11	185.11	
9	184.81	185.21	185.54	185.34	185.81	186.42	185.35	185.32	185.17	185.13	185.11	185.11	
10	184.87	185.21	185.46	185.44	185.81	185.81	185.34	185.26	185.16	185.13	185.11	185.11	
11	185.02	185.21	185.38	185.62	185.92	185.72	185.33	185.23	185.16	185.13	185.11	185.11	
12	185.02	185.23	185.39	185.56	185.90	185.90	185.32	185.22	185.16	185.13	185.11	185.11	
13	184.88	185.21	185.36	185.86	185.89	185.91	185.31	185.21	185.16	185.13	185.12	185.11	
14	184.90	185.37	185.35	185.53	185.86	185.64	185.31	185.36	185.16	185.12	185.13	185.11	
15	184.91	185.42	185.34	185.44	185.82	185.63	185.30	185.35	185.16	185.12	185.13	185.11	
16	185.03	185.28	185.34	185.40	185.77	185.56	185.29	185.27	185.15	185.11	185.13	185.11	
17	185.04	185.28	185.36	185.33	186.26	185.47	185.28	185.23	185.15	185.12	185.13	185.11	
18	185.22	185.51	185.87	185.31	186.73	185.44	185.27	185.22	185.15	185.11	185.11	185.11	
19	185.29	185.42	185.45	185.30	186.57	185.44	185.27	185.19	185.15	185.11	185.11	185.11	
20	185.28	185.35	185.36	185.27	186.35	185.48	185.27	185.19	185.15	185.11	185.11	185.11	
21	185.27	185.31	185.70	185.50	185.85	185.47	185.27	185.19	185.14	185.11	185.11	185.11	
22	185.26	185.27	185.51	185.99	185.77	185.61	185.27	185.19	185.14	185.11	185.11	185.11	
23	185.25	185.26	185.46	186.40	185.72	185.53	185.27	185.19	185.14	185.11	185.11	185.11	
24	185.25	185.26	185.41	186.58	185.71	185.49	185.27	185.19	185.14	185.11	185.11	185.11	
25	185.29	185.27	185.46	186.43	185.70	185.34	185.26	185.19	185.14	185.11	185.11	185.11	
26	185.31	185.27	185.42	186.18	185.70	186.21	185.26	185.19	185.13	185.11	185.11	185.11	
27	185.40	185.34	185.37	186.81	185.68	187.27	185.25	185.19	185.13	185.11	185.11	185.11	
28	185.29	186.61	185.41	187.25	185.67	185.99	185.24	185.18	185.13	185.11	185.11	185.11	
29	185.25	185.91	185.43	186.18	185.69	185.76	185.23	185.18	185.13	185.11		185.11	
30	185.24	185.67	185.43	185.88	185.70	185.53	185.23	185.17	185.13	185.11		185.17	
31		185.39		185.76	185.66		185.23		185.13	185.11		185.13	
Mean	185.07	185.36	185.44	185.76	185.84	185.76	185.31	185.23	185.15	185.12	185.11	185.11	
Max	185.40	186.61	185.87	187.25	186.73	187.27	185.55	185.36	185.17	185.13	185.13	185.17	187.27
Min	184.81	185.21	185.34	185.27	185.66	185.34	185.23	185.17	185.13	185.11	185.11	185.11	184.81
Annual Max Momentary Gage Height	188.68		m. (MSL.) ,			at 06.00 Hours ,	on Sep 27 , 2005						
Zero Gage at Bottom Elevation	184.73		m. (MSL.) ,			River Bed	183.42	m. (MSL.)					
Left Bank Elevation		190.52		m. (MSL.) ,									
Right Bank Elevation		190.50		m. (MSL.) ,		Drainage Are	46	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.08	0.56	0.40	1.90	1.45	0.80	0.08	0.02	0.00	0.00	0.00	
2	0.00	0.08	0.56	0.50	1.72	1.36	0.46	0.09	0.02	0.00	0.00	0.00	
3	0.00	0.07	0.48	0.84	1.63	1.45	0.42	0.08	0.02	0.00	0.00	0.00	
4	0.00	0.14	0.38	0.64	1.63	1.63	0.36	0.08	0.02	0.00	0.00	0.00	
5	0.00	0.11	0.34	3.48	2.26	4.43	0.36	0.16	0.02	0.00	0.00	0.00	
6	0.00	0.09	0.32	1.00	2.26	1.18	0.32	0.13	0.02	0.00	0.00	0.00	
7	0.00	0.08	0.30	0.46	1.90	0.92	0.32	0.09	0.02	0.00	0.00	0.00	
8	0.00	0.07	0.48	0.32	2.02	20.10	0.30	0.07	0.02	0.00	0.00	0.00	
9	0.00	0.07	0.76	0.28	3.29	17.10	0.30	0.24	0.02	0.00	0.00	0.00	
10	0.00	0.07	0.52	0.48	3.29	3.29	0.28	0.14	0.01	0.00	0.00	0.00	
11	0.00	0.07	0.36	1.18	5.40	2.14	0.26	0.09	0.01	0.00	0.00	0.00	
12	0.00	0.09	0.38	0.84	5.00	5.00	0.24	0.08	0.01	0.00	0.00	0.00	
13	0.00	0.07	0.32	4.24	4.81	5.20	0.22	0.07	0.01	0.00	0.00	0.00	
14	0.00	0.34	0.30	0.72	4.24	1.36	0.22	0.32	0.01	0.00	0.00	0.00	
15	0.00	0.44	0.28	0.48	3.48	1.27	0.20	0.30	0.01	0.00	0.00	0.00	
16	0.00	0.17	0.28	0.40	2.74	0.84	0.18	0.16	0.00	0.00	0.00	0.00	
17	0.00	0.17	0.32	0.26	12.50	0.54	0.17	0.09	0.00	0.00	0.00	0.00	
18	0.08	0.64	4.43	0.22	26.40	0.48	0.16	0.08	0.00	0.00	0.00	0.00	
19	0.18	0.44	0.50	0.20	21.60	0.48	0.16	0.04	0.00	0.00	0.00	0.00	
20	0.17	0.30	0.32	0.16	15.00	0.56	0.16	0.04	0.00	0.00	0.00	0.00	
21	0.16	0.22	1.90	0.60	4.05	0.54	0.16	0.04	0.00	0.00	0.00	0.00	
22	0.14	0.16	0.64	6.80	2.74	1.09	0.16	0.04	0.00	0.00	0.00	0.00	
23	0.13	0.14	0.52	16.50	2.14	0.72	0.16	0.04	0.00	0.00	0.00	0.00	
24	0.13	0.14	0.42	21.90	2.02	0.58	0.16	0.04	0.00	0.00	0.00	0.00	
25	0.18	0.16	0.52	17.40	1.90	0.28	0.14	0.04	0.00	0.00	0.00	0.00	
26	0.22	0.16	0.44	10.60	1.90	11.25	0.14	0.04	0.00	0.00	0.00	0.00	
27	0.40	0.28	0.34	28.85	1.72	47.50	0.13	0.04	0.00	0.00	0.00	0.00	
28	0.18	22.80	0.42	46.50	1.63	6.80	0.11	0.03	0.00	0.00	0.00	0.00	
29	0.13	5.20	0.46	10.60	1.81	2.62	0.09	0.03	0.00	0.00	0.00	0.00	
30	0.11	1.63	0.46	4.62	1.90	0.72	0.09	0.02	0.00	0.00	0.00	0.02	
31		0.38		2.62	1.54		0.09		0.00	0.00		0.00	
Total	2.21	34.86	18.31	184.09	146.42	142.88	7.32	2.79	0.24	0.00	0.00	0.02	539.14 CMSDAY
Mean	0.07	1.12	0.61	5.94	4.72	4.76	0.24	0.09	0.01	0.00	0.00	0.00	1.48 CMS
Max	0.40	22.80	4.43	46.50	26.40	47.50	0.80	0.32	0.02	0.00	0.00	0.02	47.50 CMS
Min	0.00	0.07	0.28	0.16	1.54	0.28	0.09	0.02	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.19	3.01	1.58	15.91	12.65	12.35	0.63	0.24	0.02	0.00	0.00	0.00	46.58 MCM
Momentary Peak	147.20	CMS.	at 188.68 m. (MSL.)	at 06.00 Hours	, on Sep 27, 2005								
Runoff Yield	32.11	Liters/Second/Square KM.		Momentary Peak Yield	3200.000	Liters/Second/Square KM.							

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Nam Man at Ban Huai Sai, Loei (Kh.86)

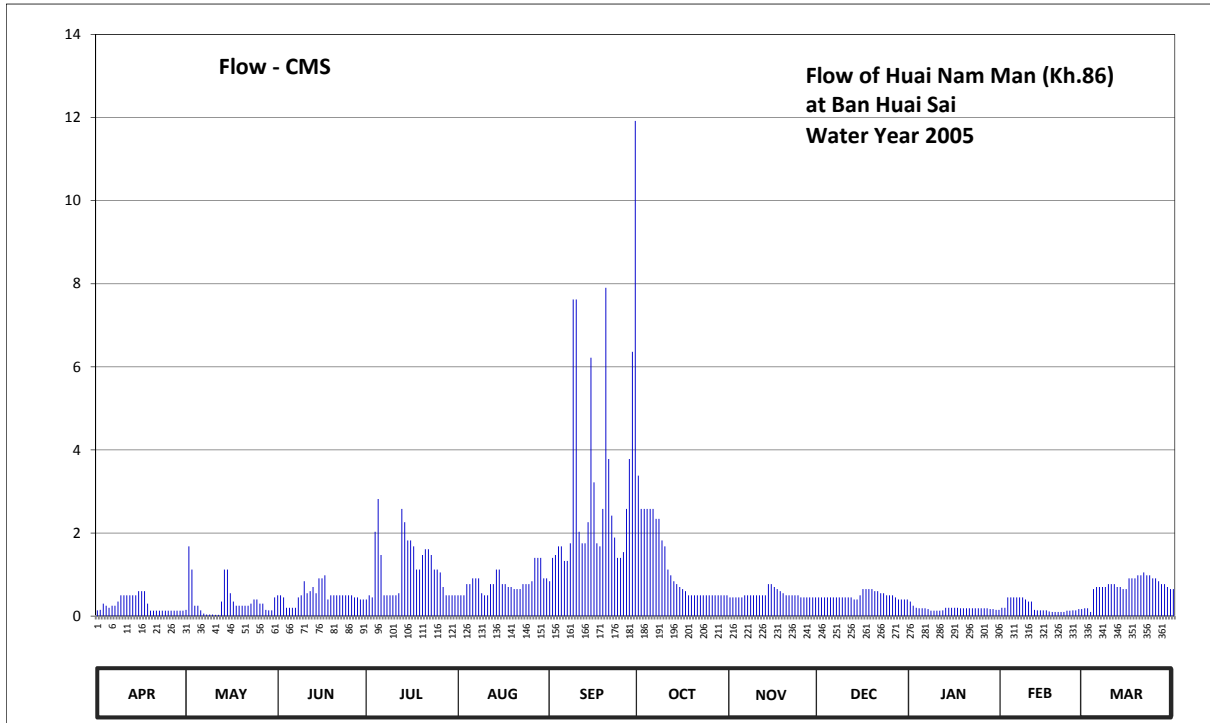
Lat 17 - 28 - 38 N Long 101 - 40 - 47 E

Location : on left bank at the bridge on highway.

	Ban Huai Sai	Amphoe Mueang	Changwat Loei
Drainage Area	91 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+249.855 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+256.645 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 28 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	250.36	250.37	250.46	250.44	250.46	250.52	250.86	250.45	250.45	250.43	250.40	250.39	
2	250.37	250.64	250.46	250.46	250.46	250.60	250.76	250.45	250.45	250.41	250.40	250.39	
3	250.42	250.56	250.45	250.45	250.46	250.61	250.76	250.45	250.45	250.40	250.45	250.33	
4	250.41	250.41	250.40	250.69	250.51	250.64	250.76	250.45	250.45	250.39	250.45	250.49	
5	250.40	250.41	250.40	250.79	250.51	250.64	250.76	250.45	250.45	250.39	250.45	250.50	
6	250.41	250.36	250.40	250.61	250.53	250.59	250.76	250.46	250.45	250.39	250.45	250.50	
7	250.41	250.31	250.40	250.46	250.53	250.59	250.73	250.46	250.45	250.38	250.45	250.50	
8	250.43	250.29	250.45	250.46	250.53	250.65	250.73	250.46	250.45	250.35	250.45	250.50	
9	250.46	250.29	250.46	250.46	250.47	251.23	250.66	250.46	250.45	250.35	250.44	250.51	
10	250.46	250.29	250.52	250.46	250.46	251.23	250.64	250.46	250.45	250.35	250.43	250.51	
11	250.46	250.26	250.47	250.46	250.46	250.69	250.56	250.46	250.45	250.35	250.43	250.51	
12	250.46	250.26	250.48	250.47	250.51	250.65	250.54	250.46	250.45	250.36	250.37	250.50	
13	250.46	250.43	250.50	250.76	250.51	250.65	250.52	250.46	250.44	250.40	250.36	250.50	
14	250.46	250.56	250.47	250.72	250.56	250.72	250.51	250.51	250.44	250.40	250.36	250.49	
15	250.48	250.56	250.53	250.66	250.56	251.13	250.50	250.51	250.46	250.40	250.36	250.49	
16	250.48	250.47	250.53	250.66	250.51	250.84	250.49	250.50	250.49	250.40	250.36	250.53	
17	250.48	250.43	250.54	250.64	250.51	250.65	250.48	250.49	250.49	250.40	250.34	250.53	
18	250.42	250.41	250.44	250.56	250.50	250.64	250.46	250.48	250.49	250.39	250.33	250.53	
19	250.35	250.41	250.46	250.56	250.50	250.76	250.46	250.47	250.49	250.39	250.33	250.54	
20	250.35	250.41	250.46	250.61	250.49	251.25	250.46	250.46	250.48	250.39	250.33	250.54	
21	250.35	250.41	250.46	250.63	250.49	250.91	250.46	250.46	250.48	250.39	250.33	250.55	
22	250.35	250.41	250.46	250.63	250.49	250.74	250.46	250.46	250.47	250.39	250.33	250.54	
23	250.35	250.42	250.46	250.61	250.51	250.67	250.46	250.46	250.47	250.39	250.35	250.54	
24	250.35	250.44	250.46	250.56	250.51	250.60	250.46	250.46	250.46	250.39	250.35	250.53	
25	250.35	250.44	250.46	250.56	250.51	250.60	250.46	250.45	250.46	250.39	250.36	250.53	
26	250.35	250.42	250.46	250.55	250.52	250.62	250.46	250.45	250.46	250.39	250.36	250.52	
27	250.35	250.42	250.45	250.50	250.60	250.76	250.46	250.45	250.45	250.39	250.38	250.51	
28	250.35	250.37	250.45	250.46	250.60	250.91	250.46	250.45	250.44	250.38	250.38	250.51	
29	250.35	250.36	250.44	250.46	250.60	251.14	250.46	250.45	250.44	250.38		250.50	
30	250.35	250.36	250.44	250.46	250.53	251.49	250.46	250.45	250.44	250.37		250.49	
31		250.45		250.46	250.53		250.46		250.44	250.37		250.49	
Mean	250.40	250.41	250.46	250.56	250.51	250.79	250.56	250.46	250.46	250.39	250.39	250.50	
Max	250.48	250.64	250.54	250.79	250.60	251.49	250.86	250.51	250.49	250.43	250.45	250.55	251.49
Min	250.35	250.26	250.40	250.44	250.46	250.52	250.46	250.45	250.44	250.35	250.33	250.33	250.26
Annual Max Momentary Gage Height	251.60		m. (MSL.) ,				at 10.00 Hours , on Sep 30 , 2005						
Zero Gage at Bottom Elevation	249.86		m. (MSL.) ,			River Bed	250.05	m. (MSL.)					
Left Bank Elevation	256.50		m. (MSL.) ,										
Right Bank Elevation	256.48		m. (MSL.) ,			Drainage Are	91	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.14	0.15	0.50	0.40	0.50	0.84	3.38	0.45	0.45	0.35	0.20	0.19	
2	0.15	1.68	0.50	0.50	0.50	1.40	2.58	0.45	0.45	0.25	0.20	0.19	
3	0.30	1.12	0.45	0.45	0.50	1.47	2.58	0.45	0.45	0.20	0.45	0.10	
4	0.25	0.25	0.20	2.03	0.77	1.68	2.58	0.45	0.45	0.19	0.45	0.65	
5	0.20	0.25	0.20	2.82	0.77	1.68	2.58	0.45	0.45	0.19	0.45	0.70	
6	0.25	0.14	0.20	1.47	0.91	1.33	2.58	0.50	0.45	0.19	0.45	0.70	
7	0.25	0.06	0.20	0.50	0.91	1.33	2.34	0.50	0.45	0.17	0.45	0.70	
8	0.35	0.04	0.45	0.50	0.91	1.75	2.34	0.50	0.45	0.13	0.45	0.70	
9	0.50	0.04	0.50	0.50	0.55	7.62	1.82	0.50	0.45	0.13	0.40	0.77	
10	0.50	0.04	0.84	0.50	0.50	7.62	1.68	0.50	0.45	0.13	0.35	0.77	
11	0.50	0.03	0.55	0.50	0.50	2.03	1.12	0.50	0.45	0.13	0.35	0.77	
12	0.50	0.03	0.60	0.55	0.77	1.75	0.98	0.50	0.45	0.14	0.15	0.70	
13	0.50	0.35	0.70	2.58	0.77	1.75	0.84	0.50	0.40	0.20	0.14	0.70	
14	0.50	1.12	0.55	2.26	1.12	2.26	0.77	0.77	0.40	0.20	0.14	0.65	
15	0.60	1.12	0.91	1.82	1.12	6.22	0.70	0.77	0.50	0.20	0.14	0.65	
16	0.60	0.55	0.91	1.82	0.77	3.22	0.65	0.70	0.65	0.20	0.14	0.91	
17	0.60	0.35	0.98	1.68	0.77	1.75	0.60	0.65	0.65	0.20	0.11	0.91	
18	0.30	0.25	0.40	1.12	0.70	1.68	0.50	0.60	0.65	0.19	0.10	0.91	
19	0.13	0.25	0.50	1.12	0.70	2.58	0.50	0.55	0.65	0.19	0.10	0.98	
20	0.13	0.25	0.50	1.47	0.65	7.90	0.50	0.50	0.60	0.19	0.10	0.98	
21	0.13	0.25	0.50	1.61	0.65	3.78	0.50	0.50	0.60	0.19	0.10	1.05	
22	0.13	0.25	0.50	1.61	0.65	2.42	0.50	0.50	0.55	0.19	0.10	0.98	
23	0.13	0.30	0.50	1.47	0.77	1.89	0.50	0.50	0.55	0.19	0.13	0.98	
24	0.13	0.40	0.50	1.12	0.77	1.40	0.50	0.50	0.50	0.19	0.13	0.91	
25	0.13	0.40	0.50	1.12	0.77	1.40	0.50	0.45	0.50	0.19	0.14	0.91	
26	0.13	0.30	0.50	1.05	0.84	1.54	0.50	0.45	0.50	0.19	0.14	0.84	
27	0.13	0.30	0.45	0.70	1.40	2.58	0.50	0.45	0.45	0.19	0.17	0.77	
28	0.13	0.15	0.45	0.50	1.40	3.78	0.50	0.45	0.40	0.17	0.17	0.77	
29	0.13	0.14	0.40	0.50	1.40	6.36	0.50	0.45	0.40	0.17		0.70	
30	0.13	0.14	0.40	0.50	0.91	11.92	0.50	0.45	0.40	0.15		0.65	
31		0.45		0.50	0.91		0.50		0.40	0.15		0.65	
Total	8.55	11.15	15.34	35.27	25.16	94.93	37.12	15.49	15.15	5.74	6.40	22.84	293.14 CMSDAY
Mean	0.29	0.36	0.51	1.14	0.81	3.16	1.20	0.52	0.49	0.19	0.23	0.74	0.80 CMS
Max	0.60	1.68	0.98	2.82	1.40	11.92	3.38	0.77	0.65	0.35	0.45	1.05	11.92 CMS
Min	0.13	0.03	0.20	0.40	0.50	0.84	0.50	0.45	0.40	0.13	0.10	0.10	0.03 CMS
Runoff	0.74	0.96	1.33	3.05	2.17	8.20	3.21	1.34	1.31	0.50	0.55	1.97	25.33 MCM
Momentary Peak	13.90	CMS. at 251.60 m. (MSL.) at 10.00 Hours , on Sep 30, 2005											
Runoff Yield	8.83	Liters/Second/Square KM. Momentary Peak Yield 152.747 Liters/Second/Square KM.											

WATER YEAR : 2005

KHONG RIVER BASIN

Nam Mae Chan at Ban Hua Saphan , Chiang Rai (Kh.89)

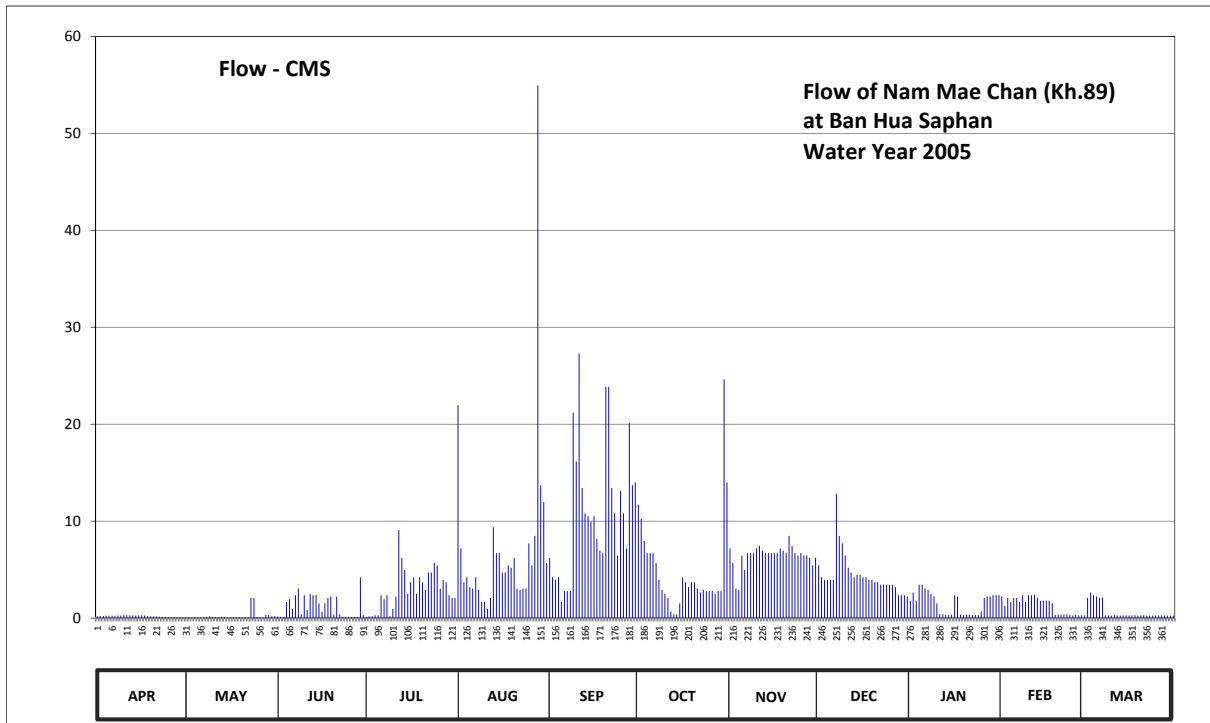
Lat 20 - 09 - 25 N Long 99 - 51 - 45 E

Location : on right bank at the bridge of Mae Chan - Mae Sai Highway from Tambon Pa Sang.

	Ban Hua Saphan	Amphoe Mae Chan	Changwat Chiang Rai
Drainage Area	248 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+406.385 m. (MSL.)		
Bench Mark	B.M.- Temporary.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+408.840 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1993 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Rather unstable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The local weir situated about 300 meters downstream from the gage site. Stage-discharge relation defined by 46 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	406.39	406.14	406.36	406.29	407.62	407.12	407.32	407.16	407.09	406.90	406.93	406.56	
2	406.42	406.14	406.25	406.39	407.16	407.04	407.27	407.10	407.04	406.96	406.86	406.92	
3	406.44	406.14	406.25	406.39	407.02	407.03	407.19	406.99	407.03	406.90	406.92	406.96	
4	406.49	406.14	406.89	406.58	407.04	407.04	407.14	406.98	407.03	407.01	406.89	406.94	
5	406.47	406.14	406.91	406.58	407.00	406.89	407.14	407.13	407.03	407.01	406.92	406.93	
6	406.48	406.14	406.84	406.94	406.99	406.97	407.14	407.07	407.03	406.99	406.92	406.92	
7	406.49	406.14	406.94	406.91	407.04	406.97	407.10	407.14	407.36	406.98	406.89	406.92	
8	406.51	406.23	406.99	406.94	406.98	406.97	407.03	407.14	407.21	406.95	406.94	406.56	
9	406.53	406.39	406.80	406.39	406.89	407.60	406.98	407.14	407.18	406.93	406.89	406.54	
10	406.58	406.24	406.94	406.84	406.89	407.46	406.95	407.16	407.13	406.88	406.94	406.54	
11	406.60	406.21	406.83	406.93	406.84	407.76	406.92	407.17	407.08	406.78	406.94	406.69	
12	406.57	406.17	406.95	407.23	406.92	407.38	406.82	407.15	407.06	406.79	406.94	406.56	
13	406.52	406.28	406.94	407.12	407.24	407.29	406.77	407.14	407.04	406.69	406.92	406.52	
14	406.54	406.22	406.94	407.07	407.14	407.28	406.74	407.14	407.05	406.64	406.90	406.54	
15	406.54	406.16	406.88	406.95	407.14	407.26	406.88	407.14	407.05	406.69	406.90	406.56	
16	406.56	406.15	406.82	407.02	407.06	407.28	407.04	407.14	407.04	406.94	406.90	406.54	
17	406.54	406.13	406.88	407.04	407.06	407.20	407.02	407.14	407.04	406.93	406.90	406.54	
18	406.44	406.13	406.92	406.95	407.09	407.15	407.00	407.16	407.03	406.73	406.88	406.58	
19	406.38	406.23	406.93	407.04	407.08	407.14	407.02	407.15	407.03	406.63	406.69	406.54	
20	406.36	406.15	406.76	407.02	407.12	407.67	407.02	407.14	407.02	406.72	406.70	406.56	
21	406.36	406.14	406.93	406.98	406.99	407.67	406.99	407.21	407.02	406.71	406.69	406.57	
22	406.30	406.21	406.75	407.06	406.98	407.38	406.96	407.17	407.01	406.63	406.78	406.54	
23	406.24	406.92	406.29	407.06	406.99	407.29	406.98	407.14	407.01	406.63	406.77	406.54	
24	406.21	406.92	406.29	407.10	406.99	407.13	406.97	407.13	407.01	406.59	406.57	406.54	
25	406.20	406.21	406.29	407.09	407.18	407.37	406.97	407.14	407.01	406.82	406.56	406.54	
26	406.19	406.15	406.25	406.99	407.09	407.29	406.97	407.13	407.01	406.92	406.67	406.54	
27	406.17	406.15	406.24	407.03	407.21	407.16	406.95	407.13	407.00	406.93	406.56	406.54	
28	406.16	406.69	406.19	407.02	408.42	407.57	406.97	407.12	406.94	406.93	406.56	406.54	
29	406.15	406.65	407.04	406.94	407.39	407.39	406.97	407.09	406.94	406.94	406.94	406.53	
30	406.14	406.39	406.57	406.92	407.33	407.40	407.69	407.12	406.94	406.94	406.94	406.54	
31		406.38		406.92	407.10		407.40		406.93	406.94		406.55	
Mean	406.40	406.27	406.70	406.89	407.13	407.27	407.04	407.13	407.04	406.84	406.82	406.63	
Max	406.60	406.92	407.04	407.23	408.42	407.76	407.69	407.21	407.36	407.01	406.94	406.96	408.42
Min	406.14	406.13	406.19	406.29	406.84	406.89	406.74	406.98	406.93	406.59	406.56	406.52	406.13
Annual Max Momentary Gage Height	409.00		m. (MSL.) ,			at 19.00 Hours ,	on Aug 28 , 2005						
Zero Gage at Bottom Elevation	406.39		m. (MSL.) ,			River Bed	406.00	m. (MSL.)					
Left Bank Elevation		411.64		m. (MSL.) ,									
Right Bank Elevation		411.64		m. (MSL.) ,		Drainage Are	248	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.07	0.18	0.15	21.96	6.20	11.68	7.20	5.45	1.80	2.22	0.28	
2	0.21	0.07	0.13	0.20	7.20	4.20	10.23	5.70	4.20	2.64	1.24	2.08	
3	0.22	0.07	0.13	0.20	3.70	3.95	7.95	3.06	3.95	1.80	2.08	2.64	
4	0.24	0.07	1.66	0.29	4.20	4.20	6.70	2.92	3.95	3.45	1.66	2.36	
5	0.24	0.07	1.94	0.29	3.20	1.66	6.70	6.45	3.95	3.45	2.08	2.22	
6	0.24	0.07	0.96	2.36	3.06	2.78	6.70	4.95	3.95	3.06	2.08	2.08	
7	0.24	0.07	2.36	1.94	4.20	2.78	5.70	6.70	12.84	2.92	1.66	2.08	
8	0.26	0.12	3.06	2.36	2.92	2.78	3.95	6.70	8.49	2.50	2.36	0.28	
9	0.27	0.20	0.40	0.20	1.66	21.20	2.92	6.70	7.70	2.22	1.66	0.27	
10	0.29	0.12	2.36	0.96	1.66	16.16	2.50	7.20	6.45	1.52	2.36	0.27	
11	0.30	0.10	0.82	2.22	0.96	27.28	2.08	7.45	5.20	0.39	2.36	0.35	
12	0.29	0.09	2.50	9.07	2.08	13.42	0.68	6.95	4.70	0.40	2.36	0.28	
13	0.26	0.14	2.36	6.20	9.36	10.81	0.39	6.70	4.20	0.35	2.08	0.26	
14	0.27	0.11	2.36	4.95	6.70	10.52	0.37	6.70	4.45	0.32	1.80	0.27	
15	0.27	0.08	1.52	2.50	6.70	9.94	1.52	6.70	4.45	0.35	1.80	0.28	
16	0.28	0.07	0.68	3.70	4.70	10.52	4.20	6.70	4.20	2.36	1.80	0.27	
17	0.27	0.07	1.52	4.20	4.70	8.20	3.70	6.70	4.20	2.22	1.80	0.27	
18	0.22	0.07	2.08	2.50	5.45	6.95	3.20	7.20	3.95	0.37	1.52	0.29	
19	0.19	0.12	2.22	4.20	5.20	6.70	3.70	6.95	3.95	0.32	0.35	0.27	
20	0.18	0.07	0.38	3.70	6.20	23.86	3.70	6.70	3.70	0.36	0.35	0.28	
21	0.18	0.07	2.22	2.92	3.06	23.86	3.06	8.49	3.70	0.36	0.35	0.29	
22	0.15	0.10	0.38	4.70	2.92	13.42	2.64	7.45	3.45	0.32	0.39	0.27	
23	0.12	2.08	0.15	4.70	3.06	10.81	2.92	6.70	3.45	0.32	0.39	0.27	
24	0.10	2.08	0.15	5.70	3.06	6.45	2.78	6.45	3.45	0.30	0.29	0.27	
25	0.10	0.10	0.15	5.45	7.70	13.13	2.78	6.70	3.45	0.68	0.28	0.27	
26	0.10	0.07	0.13	3.06	5.45	10.81	2.78	6.45	3.45	2.08	0.34	0.27	
27	0.09	0.07	0.12	3.95	8.49	7.20	2.50	6.45	3.20	2.22	0.28	0.27	
28	0.08	0.35	0.10	3.70	54.96	20.12	2.78	6.20	2.36	2.22	0.28	0.27	
29	0.07	0.33	4.20	2.36	13.71	13.71	2.78	5.45	2.36	2.36		0.27	
30	0.07	0.20	0.29	2.08	11.97	14.00	24.62	6.20	2.36	2.36		0.27	
31		0.19		2.08	5.70		14.00		2.22	2.36		0.27	
Total	6.00	7.49	37.51	92.89	225.89	327.62	152.21	192.87	137.38	48.38	38.22	20.37	1286.83
Mean	0.20	0.24	1.25	3.00	7.29	10.92	4.91	6.43	4.43	1.56	1.36	0.66	3.53
Max	0.30	2.08	4.20	9.07	54.96	27.28	24.62	8.49	12.84	3.45	2.36	2.64	54.96
Min	0.07	0.07	0.10	0.15	0.96	1.66	0.37	2.92	2.22	0.30	0.28	0.26	0.07
Runoff	0.52	0.65	3.24	8.03	19.52	28.31	13.15	16.66	11.87	4.18	3.30	1.76	111.18
Momentary Peak	84.00	CMS.	at 409.00 m. (MSL.)	at 19.00 Hours	on Aug 28, 2005								
Runoff Yield	14.22	Liters/Second/Square KM.		Momentary Peak Yield	338.710	Liters/Second/Square KM.							

WATER YEAR : 2005

KHONG RIVER BASIN

Lam Nam Phung at Ban Tong Khop , Sakon Nakhon (Kh.90)

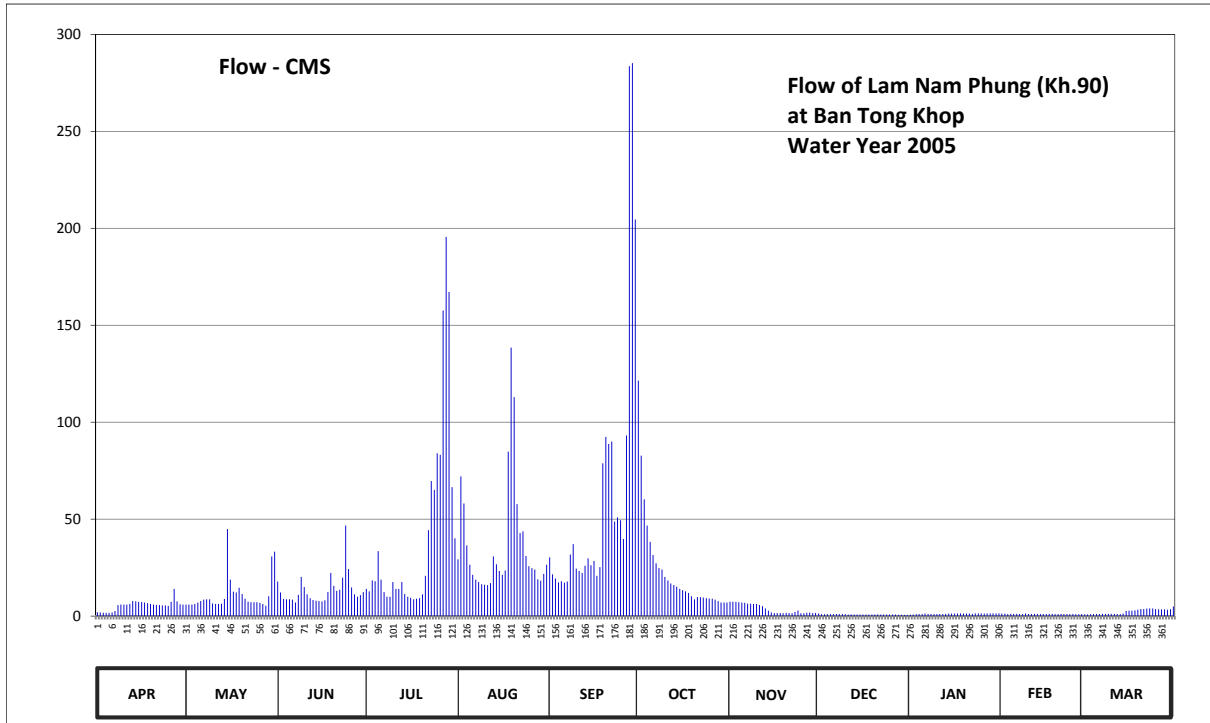
Lat 17 - 04 - 05 N Long 104 - 15 - 32 E

Location : on right bank at the bridge on highway.

	Ban	Tong Khop	Amphoe	Khok Si Suphan	Changwat	Sakon Nakhon
Drainage Area	861	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+158.500 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+167.456 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00 , 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1996 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +164.460 m.(M.S.L.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 36 discharge measurements made in 2005					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	158.90	159.23	159.89	159.70	160.37	160.41	162.87	159.33	158.83	158.74	158.82	158.77	
2	158.89	159.23	159.61	159.64	161.75	160.06	162.02	159.33	158.78	158.75	158.82	158.77	
3	158.87	159.23	159.42	159.92	161.36	159.97	161.42	159.32	158.78	158.78	158.80	158.78	
4	158.86	159.25	159.41	159.90	160.65	159.87	160.99	159.31	158.78	158.79	158.81	158.80	
5	158.86	159.30	159.41	160.54	160.26	159.90	160.71	159.30	158.78	158.79	158.81	158.80	
6	158.89	159.35	159.40	159.94	160.05	159.86	160.46	159.29	158.80	158.82	158.81	158.80	
7	158.96	159.40	159.30	159.62	159.94	159.89	160.29	159.26	158.80	158.81	158.80	158.81	
8	159.21	159.41	159.55	159.50	159.88	160.47	160.19	159.26	158.79	158.80	158.80	158.81	
9	159.23	159.41	160.01	159.50	159.82	160.67	160.16	159.25	158.79	158.80	158.82	158.81	
10	159.23	159.27	159.75	159.88	159.81	160.18	160.01	159.25	158.78	158.79	158.80	158.81	
11	159.23	159.25	159.56	159.70	159.80	160.13	159.92	159.22	158.76	158.79	158.80	158.81	
12	159.25	159.25	159.45	159.70	159.85	160.09	159.84	159.17	158.77	158.80	158.81	158.79	
13	159.35	159.26	159.39	159.88	160.43	160.24	159.80	159.08	158.76	158.81	158.81	158.79	
14	159.34	159.42	159.36	159.57	160.27	160.39	159.76	158.97	158.76	158.82	158.80	158.82	
15	159.32	160.93	159.35	159.50	160.13	160.25	159.70	158.89	158.75	158.82	158.80	158.96	
16	159.32	159.94	159.34	159.46	160.05	160.34	159.67	158.85	158.75	158.82	158.80	158.97	
17	159.30	159.63	159.38	159.41	160.14	160.03	159.64	158.85	158.75	158.82	158.81	158.97	
18	159.28	159.61	159.62	159.43	162.07	160.21	159.60	158.85	158.75	158.83	158.81	158.99	
19	159.25	159.73	160.09	159.45	163.19	161.92	159.51	158.84	158.76	158.82	158.80	159.02	
20	159.23	159.57	159.78	159.56	162.70	162.26	159.41	158.86	158.76	158.82	158.80	159.05	
21	159.22	159.43	159.65	160.03	161.35	162.17	159.49	158.85	158.77	158.82	158.81	159.05	
22	159.21	159.33	159.68	160.91	160.86	162.20	159.49	158.84	158.76	158.81	158.80	159.07	
23	159.20	159.31	159.99	161.69	160.89	161.06	159.47	158.91	158.75	158.83	158.80	159.08	
24	159.20	159.31	160.99	161.56	160.44	161.13	159.45	158.98	158.76	158.83	158.79	159.08	
25	159.18	159.31	160.17	162.05	160.23	161.08	159.44	158.84	158.76	158.83	158.79	159.05	
26	159.32	159.29	159.74	162.03	160.19	160.76	159.43	158.84	158.76	158.82	158.78	159.03	
27	159.70	159.25	159.56	163.51	160.16	162.28	159.40	158.87	158.76	158.83	158.78	159.03	
28	159.34	159.19	159.50	164.04	159.95	164.76	159.35	158.88	158.73	158.83	158.79	159.03	
29	159.24	159.51	159.54	163.66	159.91	164.77	159.30	158.85	158.74	158.83		159.02	
30	159.23	160.43	159.62	161.60	160.07	164.14	159.30	158.86	158.73	158.83		159.04	
31		160.53		160.77	160.26		159.30		158.73	158.83		159.16	
Mean	159.19	159.50	159.65	160.50	160.54	161.05	159.98	159.04	158.77	158.81	158.80	158.93	
Max	159.70	160.93	160.99	164.04	163.19	164.77	162.87	159.33	158.83	158.83	158.82	159.16	164.77
Min	158.86	159.19	159.30	159.41	159.80	159.86	159.30	158.84	158.73	158.74	158.78	158.77	158.73
Annual Max Momentary Gage Height	164.96		m. (MSL.) ,				at 20.00 Hours ,						
Zero Gage at Bottom Elevation	158.50		m. (MSL.) ,			River Bed	156.91		m. (MSL.)				
Left Bank Elevation		167.37		m. (MSL.) ,									
Right Bank Elevation		167.32		m. (MSL.) ,		Drainage Are	861		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.00	5.95	17.80	14.00	29.25	30.25	121.50	7.45	1.37	0.74	1.28	0.92	
2	1.91	5.95	12.20	12.80	72.00	21.50	82.80	7.45	0.98	0.80	1.28	0.92	
3	1.73	5.95	8.80	18.40	58.10	19.40	60.20	7.30	0.98	0.98	1.10	0.98	
4	1.64	6.25	8.65	18.00	36.50	17.40	46.70	7.15	0.98	1.04	1.19	1.10	
5	1.64	7.00	8.65	33.50	26.50	18.00	38.30	7.00	0.98	1.04	1.19	1.10	
6	1.91	7.75	8.50	18.80	21.25	17.20	31.50	6.85	1.10	1.28	1.19	1.10	
7	2.66	8.50	7.00	12.40	18.80	17.80	27.25	6.40	1.10	1.19	1.10	1.19	
8	5.65	8.65	11.00	10.00	17.60	31.75	24.75	6.40	1.04	1.10	1.10	1.19	
9	5.95	8.65	20.25	10.00	16.40	37.10	24.00	6.25	1.04	1.10	1.28	1.19	
10	5.95	6.55	15.00	17.60	16.20	24.50	20.25	6.25	0.98	1.04	1.10	1.19	
11	5.95	6.25	11.20	14.00	16.00	23.25	18.40	5.80	0.86	1.04	1.10	1.19	
12	6.25	6.25	9.25	14.00	17.00	22.25	16.80	5.11	0.92	1.10	1.19	1.04	
13	7.75	6.40	8.35	17.60	30.75	26.00	16.00	3.98	0.86	1.19	1.19	1.04	
14	7.60	8.80	7.90	11.40	26.75	29.75	15.20	2.77	0.86	1.28	1.10	1.28	
15	7.30	44.90	7.75	10.00	23.25	26.25	14.00	1.91	0.80	1.28	1.10	2.66	
16	7.30	18.80	7.60	9.40	21.25	28.50	13.40	1.55	0.80	1.28	1.10	2.77	
17	7.00	12.60	8.20	8.65	23.50	20.75	12.80	1.55	0.80	1.28	1.19	2.77	
18	6.70	12.20	12.40	8.95	84.80	25.25	12.00	1.55	0.80	1.37	1.19	2.99	
19	6.25	14.60	22.25	9.25	138.45	78.80	10.20	1.46	0.86	1.28	1.10	3.32	
20	5.95	11.40	15.60	11.20	113.00	92.40	8.65	1.64	0.86	1.28	1.10	3.65	
21	5.80	8.95	13.00	20.75	57.75	88.80	9.85	1.55	0.92	1.28	1.19	3.65	
22	5.65	7.45	13.60	44.30	42.80	90.00	9.85	1.46	0.86	1.19	1.10	3.87	
23	5.50	7.15	19.80	69.65	43.70	48.80	9.55	2.11	0.80	1.37	1.10	3.98	
24	5.50	7.15	46.70	65.10	31.00	50.90	9.25	2.88	0.86	1.37	1.04	3.98	
25	5.24	7.15	24.25	84.00	25.75	49.40	9.10	1.46	0.86	1.37	1.04	3.65	
26	7.30	6.85	14.80	83.20	24.75	39.80	8.95	1.46	0.86	1.28	0.98	3.43	
27	14.00	6.25	11.20	157.60	24.00	93.20	8.50	1.73	0.86	1.37	0.98	3.43	
28	7.60	5.37	10.00	195.60	19.00	283.60	7.75	1.82	0.68	1.37	1.04	3.43	
29	6.10	10.20	10.80	167.20	18.20	285.20	7.00	1.55	0.74	1.37		3.32	
30	5.95	30.75	12.40	66.50	21.75	204.60	7.00	1.64	0.68	1.37		3.54	
31		33.25		40.10	26.50		7.00		0.68	1.37		4.98	
Total	167.76	343.92	404.90	1273.95	1142.55	1842.40	708.50	113.48	27.77	37.40	31.64	74.85	6169.09 CMSDAY
Mean	5.59	11.09	13.50	41.10	36.86	61.41	22.85	3.78	0.90	1.21	1.13	2.41	16.90 CMS
Max	14.00	44.90	46.70	195.60	138.45	285.20	121.50	7.45	1.37	1.37	1.28	4.98	285.20 CMS
Min	1.64	5.37	7.00	8.65	16.00	17.20	7.00	1.46	0.68	0.74	0.98	0.92	0.68 CMS
Runoff	14.49	29.72	34.98	110.07	98.72	159.18	61.21	9.81	2.40	3.23	2.73	6.47	533.01 MCM
Momentary Peak		316.80											
Runoff Yield		19.63											

at 164.96 m. (MSL.) at 20.00 Hours , on Sep 28 , 2005

Liters/Second/Square KM. Momentary Peak Yield 367.944 Liters/Second/Square KM.

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Chanot at Ban Don Sawan , Nakhon Phanom (Kh.91)

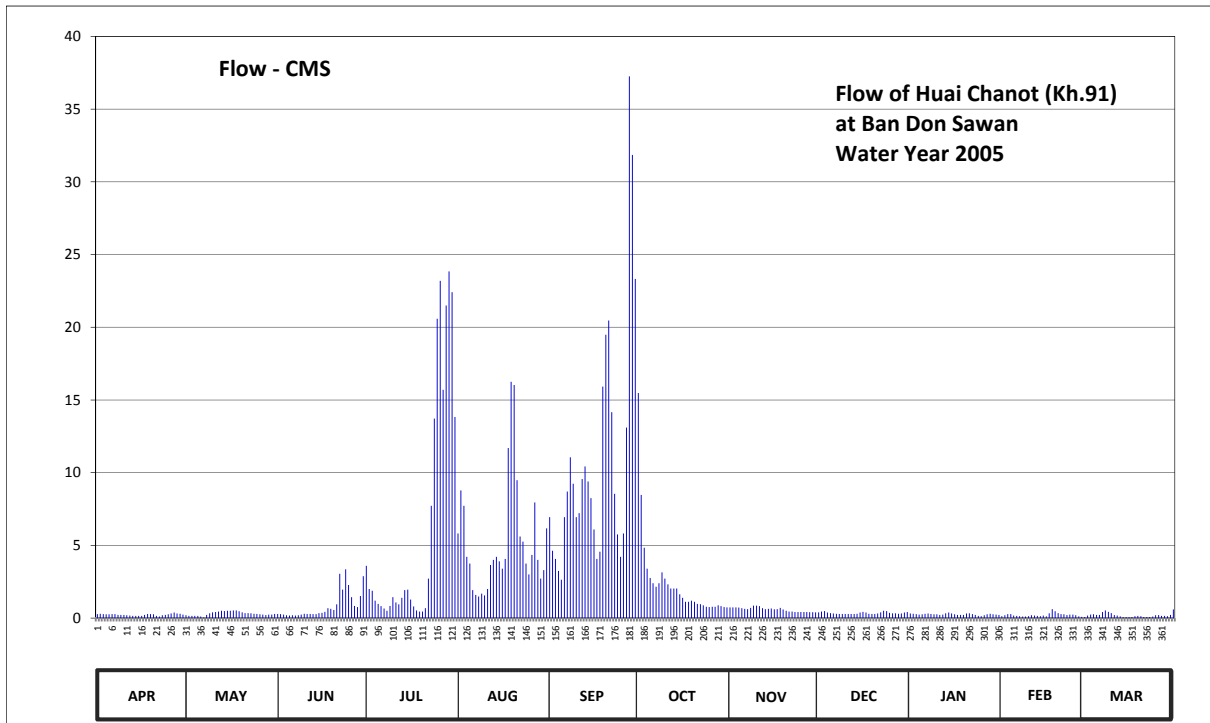
Lat 16 - 47 - 48 N Long 104 - 39 - 45 E

Location : on left bank at the bridge on highway.

	Ban Don Sawan	Amphoe That Phanom	Changwat Nakhon Phanom
Drainage Area	172 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+149.000 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+159.228 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00 , 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1996 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 26 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

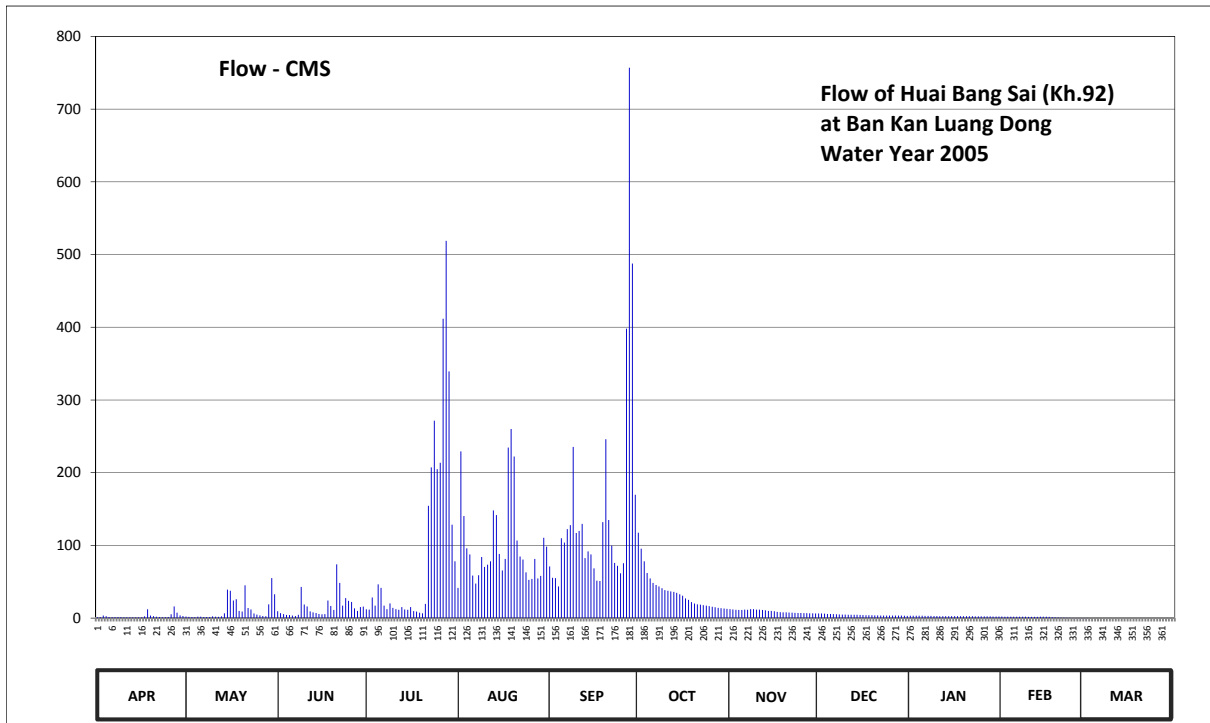
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	150.18	150.13	150.19	151.22	151.56	151.72	152.68	150.47	150.26	150.21	150.09	150.05	
2	150.20	150.10	150.18	150.85	151.97	151.39	151.93	150.47	150.30	150.20	150.13	150.11	
3	150.18	150.10	150.16	150.82	151.83	151.31	151.42	150.47	150.32	150.18	150.18	150.16	
4	150.17	150.10	150.13	150.65	151.33	151.15	151.18	150.46	150.25	150.16	150.18	150.17	
5	150.17	150.10	150.11	150.59	151.25	151.01	151.04	150.44	150.23	150.17	150.12	150.15	
6	150.18	150.07	150.13	150.51	150.83	151.72	150.95	150.42	150.21	150.20	150.10	150.15	
7	150.18	150.03	150.12	150.43	150.75	151.96	150.89	150.41	150.20	150.21	150.09	150.28	
8	150.15	150.15	150.13	150.33	150.72	152.24	150.95	150.45	150.19	150.19	150.07	150.35	
9	150.15	150.22	150.16	150.52	150.77	152.03	151.13	150.53	150.19	150.17	150.07	150.29	
10	150.15	150.26	150.20	150.71	150.74	151.72	151.03	150.53	150.19	150.17	150.09	150.23	
11	150.13	150.28	150.19	150.62	150.85	151.76	150.93	150.51	150.19	150.15	150.13	150.14	
12	150.12	150.30	150.19	150.57	151.23	152.07	150.86	150.44	150.19	150.16	150.11	150.12	
13	150.10	150.34	150.18	150.70	151.30	152.17	150.86	150.41	150.19	150.22	150.10	150.08	
14	150.10	150.32	150.18	150.83	151.33	152.05	150.86	150.42	150.20	150.25	150.09	150.04	
15	150.10	150.34	150.23	150.84	151.28	151.90	150.76	150.43	150.25	150.21	150.12	150.04	
16	150.10	150.33	150.24	150.67	151.18	151.60	150.70	150.40	150.29	150.17	150.08	150.04	
17	150.15	150.35	150.29	150.50	151.31	151.31	150.63	150.41	150.25	150.15	150.22	150.05	
18	150.19	150.35	150.44	150.35	152.31	151.38	150.63	150.45	150.20	150.15	150.41	150.09	
19	150.18	150.31	150.42	150.30	152.75	152.72	150.65	150.39	150.19	150.15	150.31	150.10	
20	150.17	150.26	150.37	150.30	152.73	153.04	150.63	150.34	150.19	150.21	150.23	150.09	
21	150.10	150.23	150.57	150.44	152.06	153.12	150.59	150.30	150.21	150.22	150.18	150.05	
22	150.07	150.23	151.11	151.03	151.53	152.56	150.58	150.30	150.26	150.18	150.17	150.05	
23	150.13	150.22	150.84	151.83	151.48	151.94	150.54	150.28	150.33	150.15	150.14	150.05	
24	150.15	150.20	151.17	152.52	151.25	151.55	150.49	150.28	150.32	150.10	150.16	150.07	
25	150.17	150.19	150.92	153.13	151.10	151.33	150.48	150.28	150.24	150.09	150.16	150.13	
26	150.21	150.17	150.71	153.33	151.35	151.56	150.49	150.28	150.22	150.13	150.13	150.14	
27	150.25	150.16	150.52	152.70	151.86	152.46	150.49	150.28	150.22	150.17	150.08	150.10	
28	150.21	150.14	150.48	153.20	151.30	154.33	150.54	150.27	150.20	150.20	150.06	150.10	
29	150.20	150.16	150.73	153.38	151.03	153.97	150.51	150.27	150.21	150.17		150.09	
30	150.16	150.16	151.07	153.27	151.16	153.34	150.48	150.26	150.25	150.16		150.15	
31		150.19		152.53	151.61		150.47		150.28	150.15		150.39	
Mean	150.16	150.21	150.41	151.28	151.41	152.08	150.85	150.39	150.23	150.17	150.14	150.13	
Max	150.25	150.35	151.17	153.38	152.75	154.33	152.68	150.53	150.33	150.25	150.41	150.39	154.33
Min	150.07	150.03	150.11	150.30	150.72	151.01	150.47	150.26	150.19	150.09	150.06	150.04	150.03
Annual Max Momentary Gage Height	154.50		m. (MSL.) ,				at 12.00 Hours ,		on Sep 28, 2005				
Zero Gage at Bottom Elevation	149.00		m. (MSL.) ,			River Bed	149.30		m. (MSL.)				
Left Bank Elevation		158.99		m. (MSL.) ,									
Right Bank Elevation		158.99		m. (MSL.) ,		Drainage Are	172		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.27	0.20	0.29	3.60	5.82	6.94	15.48	0.74	0.39	0.32	0.13	0.08	
2	0.30	0.15	0.27	2.00	8.78	4.63	8.47	0.74	0.45	0.30	0.20	0.17	
3	0.27	0.15	0.24	1.88	7.72	4.07	4.84	0.74	0.48	0.27	0.27	0.24	
4	0.26	0.15	0.20	1.20	4.21	3.25	3.40	0.72	0.38	0.24	0.27	0.26	
5	0.26	0.15	0.17	0.98	3.75	2.64	2.76	0.68	0.34	0.26	0.18	0.22	
6	0.27	0.11	0.20	0.82	1.92	6.94	2.40	0.64	0.32	0.30	0.15	0.22	
7	0.27	0.04	0.18	0.66	1.60	8.70	2.16	0.62	0.30	0.32	0.13	0.42	
8	0.22	0.22	0.20	0.50	1.48	11.06	2.40	0.70	0.29	0.29	0.11	0.53	
9	0.22	0.33	0.24	0.84	1.68	9.24	3.15	0.86	0.29	0.26	0.11	0.43	
10	0.22	0.39	0.30	1.44	1.56	6.94	2.72	0.86	0.29	0.26	0.13	0.34	
11	0.20	0.42	0.29	1.08	2.00	7.22	2.32	0.82	0.29	0.22	0.20	0.21	
12	0.18	0.45	0.29	0.94	3.65	9.56	2.04	0.68	0.29	0.24	0.17	0.18	
13	0.15	0.51	0.27	1.40	4.00	10.43	2.04	0.62	0.29	0.33	0.15	0.12	
14	0.15	0.48	0.27	1.92	4.21	9.40	2.04	0.64	0.30	0.38	0.13	0.06	
15	0.15	0.51	0.34	1.96	3.90	8.25	1.64	0.66	0.38	0.32	0.18	0.06	
16	0.15	0.50	0.36	1.28	3.40	6.10	1.40	0.60	0.43	0.26	0.12	0.06	
17	0.22	0.53	0.43	0.80	4.07	4.07	1.12	0.62	0.38	0.22	0.33	0.08	
18	0.29	0.53	0.68	0.53	11.69	4.56	1.12	0.70	0.30	0.22	0.62	0.13	
19	0.27	0.47	0.64	0.45	16.25	15.92	1.20	0.59	0.29	0.22	0.47	0.15	
20	0.26	0.39	0.56	0.45	16.03	19.48	1.12	0.51	0.29	0.32	0.34	0.13	
21	0.15	0.34	0.94	0.68	9.48	20.46	0.98	0.45	0.32	0.33	0.27	0.08	
22	0.11	0.34	3.05	2.72	5.61	14.16	0.96	0.45	0.39	0.27	0.26	0.08	
23	0.20	0.33	1.96	7.72	5.26	8.55	0.88	0.42	0.50	0.22	0.21	0.08	
24	0.22	0.30	3.35	13.72	3.75	5.75	0.78	0.42	0.48	0.15	0.24	0.11	
25	0.26	0.29	2.28	20.59	3.00	4.21	0.76	0.42	0.36	0.13	0.24	0.20	
26	0.32	0.26	1.44	23.19	4.35	5.82	0.78	0.42	0.33	0.20	0.20	0.21	
27	0.38	0.24	0.84	15.70	7.95	13.10	0.78	0.42	0.33	0.26	0.12	0.15	
28	0.32	0.21	0.76	21.50	4.00	37.25	0.88	0.41	0.30	0.30	0.09	0.15	
29	0.30	0.24	1.52	23.84	2.72	31.85	0.82	0.41	0.32	0.26		0.13	
30	0.24	0.24	2.88	22.41	3.30	23.32	0.76	0.39	0.38	0.24		0.22	
31		0.29		13.83	6.17		0.74		0.42	0.22		0.59	
Total	7.08	9.76	25.44	190.63	163.31	323.87	72.94	17.95	10.90	8.13	6.02	6.09	842.12 CMSDAY
Mean	0.24	0.31	0.85	6.15	5.27	10.80	2.35	0.60	0.35	0.26	0.22	0.20	2.31 CMS
Max	0.38	0.53	3.35	23.84	16.25	37.25	15.48	0.86	0.50	0.38	0.62	0.59	37.25 CMS
Min	0.11	0.04	0.17	0.45	1.48	2.64	0.74	0.39	0.29	0.13	0.09	0.06	0.04 CMS
Runoff	0.61	0.84	2.20	16.47	14.11	27.98	6.30	1.55	0.94	0.70	0.52	0.53	72.76 MCM
Momentary Peak	40.00	CMS. at 154.50 m. (MSL.) at 12.00 Hours , on Sep 28 , 2005											
Runoff Yield	13.41	Liters/Second/Square KM. Momentary Peak Yield 232.558 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.05	2.16	9.48	12.15	41.60	71.00	117.60	12.40	6.40	3.20	2.16	0.12		
2	1.32	1.74	6.80	11.65	229.20	55.50	95.40	11.90	6.40	3.20	2.02	0.10		
3	3.40	1.60	5.40	28.40	140.40	55.00	78.00	11.40	6.20	3.20	2.02	0.08		
4	2.58	1.32	4.40	17.18	96.00	43.60	62.00	11.16	5.80	3.20	2.02	0.06		
5	1.51	2.02	4.20	46.50	87.60	109.80	54.50	11.16	5.60	3.20	2.02	0.05		
6	1.32	2.02	3.40	41.60	58.50	103.80	48.50	11.65	5.40	3.00	1.88	0.04		
7	1.23	1.60	2.86	17.18	47.50	122.40	45.50	11.40	5.20	3.00	1.88	0.03		
8	1.23	1.42	4.60	12.40	59.00	127.80	43.60	12.40	5.00	3.00	1.88	0.03		
9	1.23	1.51	42.80	20.20	84.00	235.36	41.20	12.40	4.80	2.86	1.88	0.02		
10	1.14	2.30	18.74	14.15	70.50	117.00	38.40	11.65	4.80	2.86	1.74	0.02		
11	1.05	1.88	16.15	12.40	73.50	120.00	37.60	11.65	4.60	2.72	1.74	0.01		
12	1.05	1.74	9.24	11.40	78.00	129.60	36.80	11.16	4.60	2.72	1.74	0.01		
13	1.14	2.44	7.80	15.15	148.10	82.50	36.00	10.68	4.60	2.72	1.74	0.01		
14	1.14	6.60	7.00	11.90	141.80	91.80	34.80	9.96	4.60	2.72	1.88	0.01		
15	1.14	39.20	5.80	11.40	88.20	87.60	32.80	9.96	4.40	2.72	1.88	0.01		
16	1.14	37.60	5.20	15.15	65.50	68.50	30.80	9.48	4.20	2.72	1.88	0.01		
17	2.44	24.10	5.40	9.72	81.50	51.50	27.10	8.60	4.00	2.72	1.77	0.00		
18	12.15	25.90	24.10	9.00	234.48	51.00	25.00	8.20	4.00	2.58	1.39	0.00		
19	3.40	9.96	16.66	7.40	260.00	132.00	22.00	8.00	4.00	2.58	1.11	0.00		
20	2.58	9.00	11.16	6.60	222.16	245.92	19.90	7.80	3.80	2.58	0.89	0.00		
21	2.02	45.00	74.00	19.60	106.80	134.80	19.00	7.60	3.80	2.58	0.71	0.00		
22	1.51	13.90	48.50	154.50	84.60	99.60	18.48	7.40	3.60	2.58	0.57	0.00		
23	1.23	11.90	17.18	207.20	80.50	76.00	17.70	7.20	3.60	2.44	0.46	0.00		
24	1.32	6.40	27.40	271.44	63.00	72.00	17.18	7.00	3.60	2.44	0.37	0.00		
25	1.60	4.80	23.80	204.80	52.50	61.50	16.40	7.00	3.60	2.30	0.29	0.00		
26	5.20	3.80	22.30	213.60	54.00	75.50	15.65	6.80	3.60	2.30	0.23	0.00		
27	16.15	2.86	13.40	411.63	81.50	398.08	14.90	6.80	3.40	2.30	0.19	0.00		
28	7.40	2.72	9.96	518.90	54.50	757.00	14.15	6.60	3.60	2.30	0.15	0.00		
29	3.80	19.00	15.15	339.28	58.00	487.60	13.65	6.60	3.40	2.16	0.00	0.00		
30	2.86	55.00	15.90	128.40	110.40	169.60	13.15	6.40	3.20	2.16	0.00	0.00		
31		32.80		78.00	98.40		12.65		3.00	2.16		0.00		
Total	86.33	374.29	478.78	2878.88	3151.74	4433.36	1100.41	282.41	136.80	83.22	38.49	0.61	13045.32	CMSDAY
Mean	2.88	12.07	15.96	92.87	101.67	147.78	35.50	9.41	4.41	2.68	1.37	0.02	35.74	CMS
Max	16.15	55.00	74.00	518.90	260.00	757.00	117.60	12.40	6.40	3.20	2.16	0.12	757.00	CMS
Min	1.05	1.32	2.86	6.60	41.60	43.60	12.65	6.40	3.00	2.16	0.15	0.00	0.00	CMS
Runoff	7.46	32.34	41.37	248.74	272.31	383.04	95.08	24.40	11.82	7.19	3.33	0.05	1127.12	MCM
Momentary Peak	767.80 CMS. at 158.29 m. (MSL.) at 09.00 Hours , on Sep 28 , 2005													
Runoff Yield	31.94 Liters/Second/Square KM.			Momentary Peak Yield 686.148				Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Songkhram River at Ban Khok Kham Lai, Udon Thani (Kh.93)

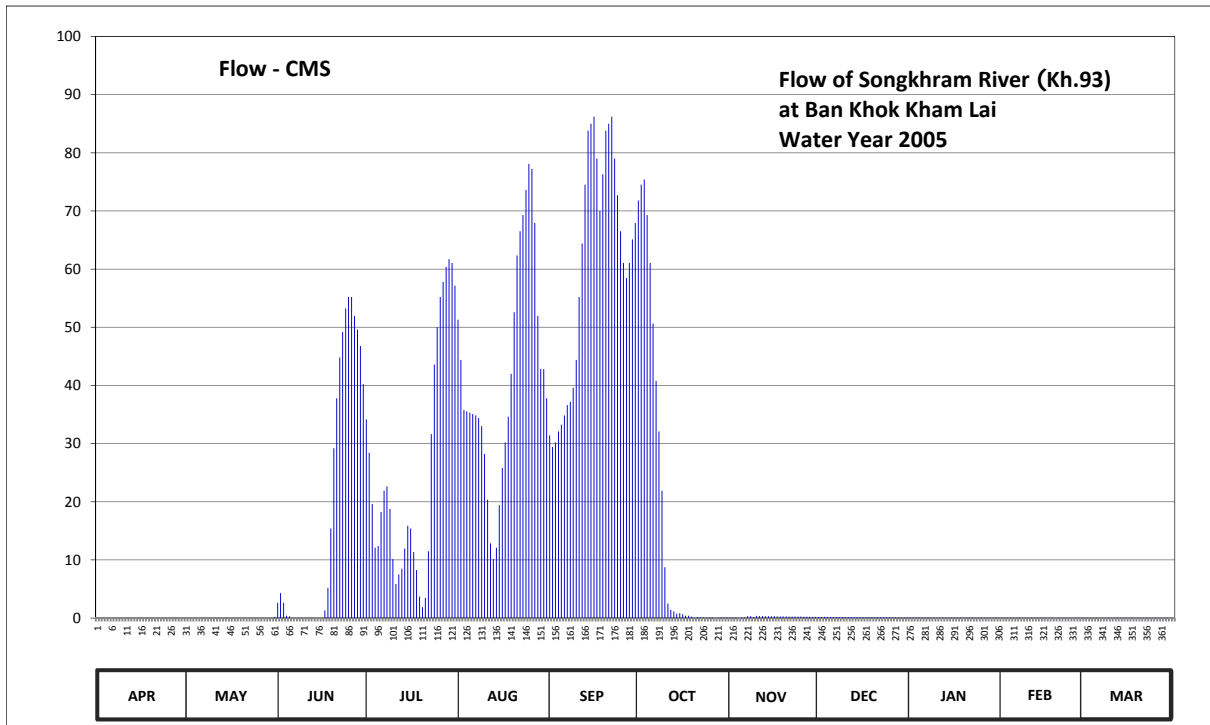
Lat 17 - 33 - 22 N Long 103 - 20 - 20 E

Location : on left bank at the bridge of Amphoe Ban Duang - Amphoe Sawang Daen Din Highway.

	Ban Khok Kham Lai	Amphoe Ban Dung	Changwat Udon Thani
Drainage Area	760 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+153.120 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream side at the footpath of the bridge.	Elevation	+161.354 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1997 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The weir situated downstream from the gage site. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	154.36	154.35	155.12	157.12	157.62	157.00	157.92	154.72	155.59	155.59	155.59	155.55	
2	154.36	154.35	155.31	156.85	157.46	156.90	157.95	154.72	155.59	155.59	155.59	155.54	
3	154.36	154.35	155.12	156.40	157.19	156.94	157.96	154.72	155.59	155.59	155.58	155.53	
4	154.36	154.35	154.77	155.94	157.18	157.03	157.89	154.70	155.59	155.59	155.58	155.53	
5	154.36	154.35	154.75	155.96	157.17	157.08	157.77	154.72	155.59	155.59	155.57	155.53	
6	154.36	154.35	154.63	156.32	157.16	157.15	157.61	154.72	155.59	155.59	155.57	155.52	
7	154.36	154.36	154.66	156.52	157.15	157.22	157.36	154.76	155.59	155.59	155.56	155.32	
8	154.32	154.36	154.67	156.56	157.13	157.24	157.03	154.76	155.59	155.59	155.56	154.66	
9	154.31	154.43	154.66	156.35	157.07	157.32	156.52	154.72	155.59	155.59	155.56	154.43	
10	154.31	154.44	154.70	155.81	156.84	157.46	155.70	154.76	155.59	155.59	155.56	154.43	
11	154.28	154.44	154.70	155.46	156.44	157.68	155.10	154.80	155.60	155.59	155.56	154.43	
12	154.28	154.45	154.68	155.60	155.99	157.82	154.94	154.89	155.60	155.59	155.56	154.43	
13	154.28	154.45	154.68	155.68	155.81	157.95	154.89	155.11	155.60	155.59	155.56	154.43	
14	154.28	154.49	154.68	155.93	155.94	158.04	154.83	155.16	155.60	155.59	155.56	154.42	
15	154.28	154.49	154.68	156.18	156.39	158.05	154.84	155.16	155.59	155.59	155.56	154.41	
16	154.28	154.52	154.67	156.15	156.72	158.06	154.81	155.07	155.59	155.59	155.56	154.40	
17	154.28	154.52	154.92	155.89	156.94	158.00	154.77	154.98	155.59	155.59	155.56	154.39	
18	154.28	154.55	155.40	155.66	157.14	157.90	154.77	154.90	155.59	155.59	155.56	154.41	
19	154.28	154.55	156.15	155.25	157.40	157.97	154.74	154.84	155.60	155.59	155.55	154.46	
20	154.28	154.55	156.89	155.01	157.64	158.04	154.71	154.81	155.63	155.59	155.55	154.53	
21	154.28	154.56	157.26	155.23	157.79	158.05	154.73	154.78	155.63	155.59	155.55	154.54	
22	154.28	154.56	157.47	155.90	157.85	158.06	154.72	154.76	155.59	155.59	155.55	154.55	
23	154.28	154.59	157.58	157.01	157.89	158.00	154.72	154.89	155.59	155.58	155.55	154.55	
24	154.28	154.59	157.65	157.44	157.94	157.93	154.71	155.23	155.59	155.57	155.55	154.55	
25	154.28	154.60	157.68	157.60	157.99	157.85	154.72	155.58	155.59	155.56	155.55	154.55	
26	154.28	154.63	157.68	157.68	157.98	157.77	154.72	155.63	155.59	155.55	155.55	154.55	
27	154.28	154.63	157.63	157.72	157.87	157.73	154.68	155.62	155.59	155.54	155.55	154.55	
28	154.28	154.68	157.59	157.76	157.63	157.77	154.71	155.61	155.59	155.53	155.55	154.55	
29	154.28	154.68	157.52	157.78	157.42	157.83	154.72	155.60	155.59	155.52	155.55	154.55	
30	154.28	154.68	157.34	157.77	157.42	157.87	154.72	155.59	155.59	155.52	155.55	154.55	
31		154.73		157.71	157.26		154.72		155.59	155.52		154.55	
Mean	154.30	154.50	155.84	156.46	157.21	157.66	155.61	155.01	155.59	155.58	155.56	154.72	
Max	154.36	154.73	157.68	157.78	157.99	158.06	157.96	155.63	155.63	155.59	155.59	155.55	158.06
Min	154.28	154.35	154.63	155.01	155.81	156.90	154.68	154.70	155.59	155.52	155.55	154.39	154.28
Annual Max Momentary Gage Height	158.08		m. (MSL.) ,			at 12.00 Hours ,		on Sep 22 , 2005					
Zero Gage at Bottom Elevation	153.12		m. (MSL.) ,			River Bed	153.26	m. (MSL.)					
Left Bank Elevation		161.10		m. (MSL.) ,									
Right Bank Elevation		161.13		m. (MSL.) ,		Drainage Are	760	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	2.64	34.16	51.30	31.40	71.80	0.12	0.23	0.11	0.05	0.03	
2	0.00	0.00	4.30	28.40	44.40	29.40	74.50	0.12	0.22	0.11	0.05	0.03	
3	0.00	0.00	2.64	19.60	35.77	30.20	75.40	0.12	0.22	0.10	0.05	0.03	
4	0.00	0.00	0.42	12.10	35.54	32.09	69.30	0.00	0.21	0.10	0.05	0.03	
5	0.00	0.00	0.30	12.40	35.31	33.24	61.05	0.10	0.21	0.10	0.05	0.03	
6	0.00	0.00	0.00	18.24	35.08	34.85	50.65	0.13	0.20	0.10	0.04	0.03	
7	0.00	0.00	0.00	21.88	34.85	36.60	40.80	0.34	0.20	0.10	0.04	0.03	
8	0.00	0.00	0.00	22.64	34.39	37.20	32.09	0.33	0.19	0.09	0.04	0.03	
9	0.00	0.00	0.00	18.75	33.01	39.60	21.88	0.15	0.19	0.09	0.04	0.02	
10	0.00	0.00	0.00	10.15	28.20	44.40	8.75	0.37	0.18	0.09	0.04	0.02	
11	0.00	0.00	0.00	5.86	20.36	55.20	2.50	0.36	0.18	0.09	0.04	0.02	
12	0.00	0.00	0.00	7.50	12.85	64.40	1.44	0.35	0.17	0.08	0.04	0.02	
13	0.00	0.00	0.00	8.50	10.15	74.50	1.14	0.34	0.17	0.08	0.04	0.02	
14	0.00	0.00	0.00	11.95	12.10	83.80	0.78	0.34	0.17	0.08	0.04	0.02	
15	0.00	0.00	0.00	15.88	19.43	85.00	0.84	0.33	0.16	0.08	0.04	0.02	
16	0.00	0.00	0.00	15.40	25.80	86.20	0.66	0.32	0.16	0.08	0.03	0.02	
17	0.00	0.00	1.32	11.35	30.20	79.00	0.42	0.31	0.15	0.07	0.03	0.02	
18	0.00	0.00	5.20	8.25	34.62	70.00	0.42	0.30	0.15	0.07	0.03	0.02	
19	0.00	0.00	15.40	3.70	42.00	76.30	0.24	0.30	0.15	0.07	0.03	0.02	
20	0.00	0.00	29.20	1.87	52.60	83.80	0.06	0.29	0.14	0.07	0.03	0.02	
21	0.00	0.00	37.80	3.50	62.35	85.00	0.18	0.28	0.14	0.07	0.03	0.02	
22	0.00	0.00	44.80	11.50	66.50	86.20	0.12	0.28	0.14	0.07	0.03	0.02	
23	0.00	0.00	49.20	31.63	69.30	79.00	0.12	0.27	0.13	0.06	0.03	0.02	
24	0.00	0.00	53.25	43.60	73.60	72.70	0.06	0.26	0.13	0.06	0.03	0.02	
25	0.00	0.00	55.20	50.00	78.10	66.50	0.12	0.26	0.13	0.06	0.03	0.02	
26	0.00	0.00	55.20	55.20	77.20	61.05	0.12	0.25	0.12	0.06	0.03	0.02	
27	0.00	0.00	51.95	57.80	67.90	58.45	0.00	0.24	0.12	0.06	0.03	0.02	
28	0.00	0.00	49.60	60.40	51.95	61.05	0.06	0.24	0.12	0.06	0.03	0.02	
29	0.00	0.00	46.80	61.70	42.80	65.10	0.12	0.23	0.12	0.06	0.03	0.02	
30	0.00	0.00	40.20	61.05	42.80	67.90	0.12	0.23	0.11	0.05	0.03	0.01	
31	0.00	0.18		57.15	37.80		0.12		0.11	0.05		0.01	
Total	0.00	0.18	545.42	782.11	1298.26	1810.13	515.86	7.56	5.02	2.42	1.04	0.68	4968.68 CMSDAY
Mean	0.00	0.01	18.18	25.23	41.88	60.34	16.64	0.25	0.16	0.08	0.04	0.02	13.61 CMS
Max	0.00	0.18	55.20	61.70	78.10	86.20	75.40	0.37	0.23	0.11	0.05	0.03	86.20 CMS
Min	0.00	0.00	0.00	1.87	10.15	29.40	0.00	0.00	0.11	0.05	0.03	0.01	0.00 CMS
Runoff	0.00	0.02	47.12	67.57	112.17	156.40	44.57	0.65	0.43	0.21	0.09	0.06	429.29 MCM
Momentary Peak	88.60 CMS. at 158.08 m. (MSL.) at 12.00 Hours , on Sep 22 , 2005												
Runoff Yield	17.91 Liters/Second/Square KM.			Momentary Peak Yield			116.579 Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Nam Som at Ban Wang Lao, Udon Thani (Kh.94)

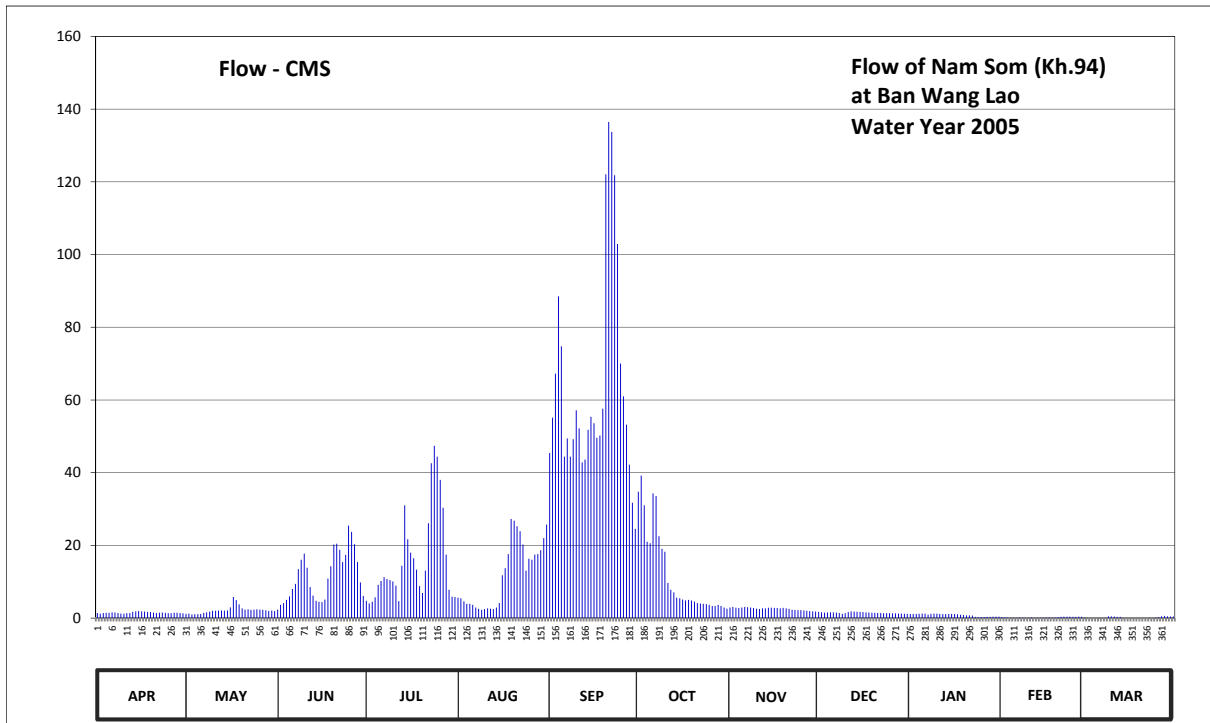
Lat 17 - 58 - 03 N Long 102 - 14 - 46 E

Location : on right bank at the bridge on road.

	Ban Wang Lao	Amphoe Na Yung	Changwat Udon Thani
Drainage Area	854 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+173.240 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank downstream side at the footpath of the bridge.	Elevation	+181.632 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	174.08	174.04	174.27	174.65	174.76	177.37	176.81	174.38	174.14	174.03	173.85	173.82	
2	174.05	174.05	174.49	174.55	174.74	177.85	177.06	174.41	174.12	174.03	173.83	173.76	
3	174.08	174.00	174.56	174.61	174.63	178.35	176.59	174.37	174.10	174.03	173.81	173.70	
4	174.09	174.01	174.69	174.77	174.53	179.15	176.00	174.35	174.11	174.04	173.80	173.71	
5	174.09	174.02	174.80	175.09	174.53	178.65	175.97	174.38	174.12	174.05	173.79	173.70	
6	174.12	174.03	175.00	175.17	174.49	177.32	176.78	174.41	174.12	174.05	173.80	173.72	
7	174.11	174.09	175.11	175.25	174.38	177.57	176.74	174.40	174.11	173.99	173.82	173.73	
8	174.08	174.12	175.42	175.21	174.31	177.32	176.09	174.38	174.08	174.04	173.81	173.76	
9	174.05	174.16	175.62	175.19	174.26	177.56	175.85	174.35	174.04	174.05	173.80	173.89	
10	174.05	174.20	175.75	175.16	174.29	177.94	175.79	174.32	174.07	174.05	173.80	173.89	
11	174.07	174.20	175.45	175.07	174.34	177.71	175.13	174.30	174.13	174.03	173.82	173.88	
12	174.08	174.21	175.04	174.64	174.32	177.24	174.98	174.34	174.17	174.02	173.80	173.86	
13	174.14	174.22	174.82	175.49	174.30	177.28	174.91	174.34	174.16	174.02	173.78	173.86	
14	174.17	174.21	174.65	176.59	174.38	177.69	174.76	174.37	174.15	174.03	173.80	173.74	
15	174.19	174.22	174.61	176.04	174.56	177.86	174.74	174.37	174.14	174.03	173.81	173.64	
16	174.17	174.39	174.60	175.77	175.29	177.78	174.70	174.36	174.13	174.03	173.82	173.61	
17	174.16	174.78	174.70	175.65	175.44	177.58	174.67	174.35	174.12	174.01	173.82	173.59	
18	174.14	174.68	175.22	175.41	175.74	177.61	174.69	174.34	174.11	173.98	173.81	173.62	
19	174.13	174.51	175.48	175.06	176.37	177.96	174.66	174.36	174.10	173.97	173.82	173.65	
20	174.11	174.34	175.94	174.89	176.34	180.27	174.62	174.34	174.09	173.95	173.84	173.65	
21	174.08	174.27	175.96	175.39	176.25	180.72	174.56	174.31	174.08	173.95	173.86	173.67	
22	174.10	174.28	175.83	176.30	176.17	180.64	174.54	174.26	174.08	173.94	173.87	173.69	
23	174.11	174.26	175.57	177.23	175.94	180.26	174.53	174.25	174.07	173.86	173.87	173.72	
24	174.09	174.27	175.72	177.47	175.39	179.63	174.52	174.24	174.07	173.84	173.87	173.76	
25	174.07	174.28	176.26	177.32	175.64	178.46	174.49	174.24	174.07	173.85	173.86	173.81	
26	174.07	174.27	176.16	177.00	175.62	178.10	174.45	174.22	174.06	173.85	173.86	173.84	
27	174.10	174.26	175.95	176.55	175.73	177.76	174.45	174.20	174.06	173.86	173.87	173.89	
28	174.10	174.23	175.57	175.73	175.74	177.21	174.49	174.19	174.05	173.86	173.87	173.92	
29	174.08	174.19	175.14	174.98	175.82	176.63	174.45	174.17	174.05	173.87		173.89	
30	174.06	174.21	174.81	174.79	176.06	176.21	174.38	174.16	174.04	173.87		173.88	
31		174.19		174.78	176.28		174.32		174.04	173.87		173.88	
Mean	174.10	174.23	175.24	175.54	175.18	178.12	175.18	174.32	174.10	173.97	173.83	173.77	
Max	174.19	174.78	176.26	177.47	176.37	180.72	177.06	174.41	174.17	174.05	173.87	173.92	180.72
Min	174.05	174.00	174.27	174.55	174.26	176.21	174.32	174.16	174.04	173.84	173.78	173.59	173.59
Annual Max Momentary Gage Height	180.74		m. (MSL.) ,				at 14.00 Hours ,						
Zero Gage at Bottom Elevation	173.24		m. (MSL.) ,			River Bed	173.48	m. (MSL.)					
Left Bank Elevation		181.30		m. (MSL.) ,									
Right Bank Elevation		181.44		m. (MSL.) ,		Drainage Are	854	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.40	1.20	2.35	4.75	5.64	45.40	34.77	2.90	1.70	1.15	0.30	0.18	
2	1.25	1.25	3.63	4.05	5.46	55.13	39.20	3.07	1.60	1.15	0.22	0.06	
3	1.40	1.00	4.12	4.47	4.61	67.25	31.03	2.85	1.50	1.15	0.14	0.00	
4	1.45	1.05	5.03	5.73	3.91	88.50	21.00	2.75	1.55	1.20	0.10	0.01	
5	1.45	1.10	6.00	9.17	3.91	74.75	20.61	2.90	1.60	1.25	0.09	0.00	
6	1.60	1.15	8.00	10.21	3.63	44.40	34.26	3.07	1.60	1.25	0.10	0.02	
7	1.55	1.45	9.43	11.25	2.90	49.40	33.58	3.00	1.55	0.95	0.18	0.03	
8	1.40	1.60	13.46	10.73	2.55	44.40	22.53	2.90	1.40	1.20	0.14	0.06	
9	1.25	1.80	16.06	10.47	2.30	49.20	19.05	2.75	1.20	1.25	0.10	0.46	
10	1.25	2.00	17.75	10.08	2.45	57.15	18.27	2.60	1.35	1.25	0.10	0.46	
11	1.35	2.00	13.85	8.91	2.70	52.20	9.69	2.50	1.65	1.15	0.18	0.42	
12	1.40	2.05	8.52	4.68	2.60	42.80	7.80	2.70	1.85	1.10	0.10	0.34	
13	1.70	2.10	6.20	14.37	2.50	43.60	7.10	2.70	1.80	1.10	0.08	0.34	
14	1.85	2.05	4.75	31.03	2.90	51.80	5.64	2.85	1.75	1.15	0.10	0.04	
15	1.95	2.10	4.47	21.68	4.12	55.35	5.46	2.85	1.70	1.15	0.14	0.00	
16	1.85	2.95	4.40	18.01	11.77	53.60	5.10	2.80	1.65	1.15	0.18	0.00	
17	1.80	5.82	5.10	16.45	13.72	49.60	4.89	2.75	1.60	1.05	0.18	0.00	
18	1.70	4.96	10.86	13.33	17.62	50.20	5.03	2.70	1.55	0.90	0.14	0.00	
19	1.65	3.77	14.24	8.78	27.29	57.60	4.82	2.80	1.50	0.85	0.18	0.00	
20	1.55	2.70	20.22	6.90	26.78	122.10	4.54	2.70	1.45	0.75	0.26	0.00	
21	1.40	2.35	20.48	13.07	25.25	136.48	4.12	2.55	1.40	0.75	0.34	0.00	
22	1.50	2.40	18.79	26.10	23.89	133.76	3.98	2.30	1.40	0.70	0.38	0.00	
23	1.55	2.30	15.41	42.60	20.22	121.80	3.91	2.25	1.35	0.34	0.38	0.02	
24	1.45	2.35	17.36	47.40	13.07	102.90	3.84	2.20	1.35	0.26	0.38	0.06	
25	1.35	2.40	25.42	44.40	16.32	70.00	3.63	2.20	1.35	0.30	0.34	0.14	
26	1.35	2.35	23.72	38.00	16.06	61.00	3.35	2.10	1.30	0.30	0.34	0.26	
27	1.50	2.30	20.35	30.35	17.49	53.20	3.35	2.00	1.30	0.34	0.38	0.46	
28	1.50	2.15	15.41	17.49	17.62	42.20	3.63	1.95	1.25	0.34	0.38	0.60	
29	1.40	1.95	9.82	7.80	18.66	31.71	3.35	1.85	1.25	0.38		0.46	
30	1.30	2.05	6.10	5.91	22.02	24.57	2.90	1.80	1.20	0.38		0.42	
31		1.95		5.82	25.76		2.60		1.20	0.38		0.42	
Total	45.10	68.65	351.30	503.99	365.72	1932.05	373.03	77.34	45.90	26.62	5.93	5.26	3800.89 CMSDAY
Mean	1.50	2.21	11.71	16.26	11.80	64.40	12.03	2.58	1.48	0.86	0.21	0.17	10.41 CMS
Max	1.95	5.82	25.42	47.40	27.29	136.48	39.20	3.07	1.85	1.25	0.38	0.60	136.48 CMS
Min	1.25	1.00	2.35	4.05	2.30	24.57	2.60	1.80	1.20	0.26	0.08	0.00	0.00 CMS
Runoff	3.90	5.93	30.35	43.55	31.60	166.93	32.23	6.68	3.97	2.30	0.51	0.45	328.40 MCM
Momentary Peak		137.16 CMS.	at 180.74 m. (MSL.) at 14.00 Hours , on Sep 21 , 2005										
Runoff Yield		12.19	Liters/Second/Square KM.			Momentary Peak Yield	160.609	Liters/Second/Square KM.					

WATER YEAR : 2005

KHONG RIVER BASIN

Nam San at Ban Kaeng Hai , Loei (Kh.95)

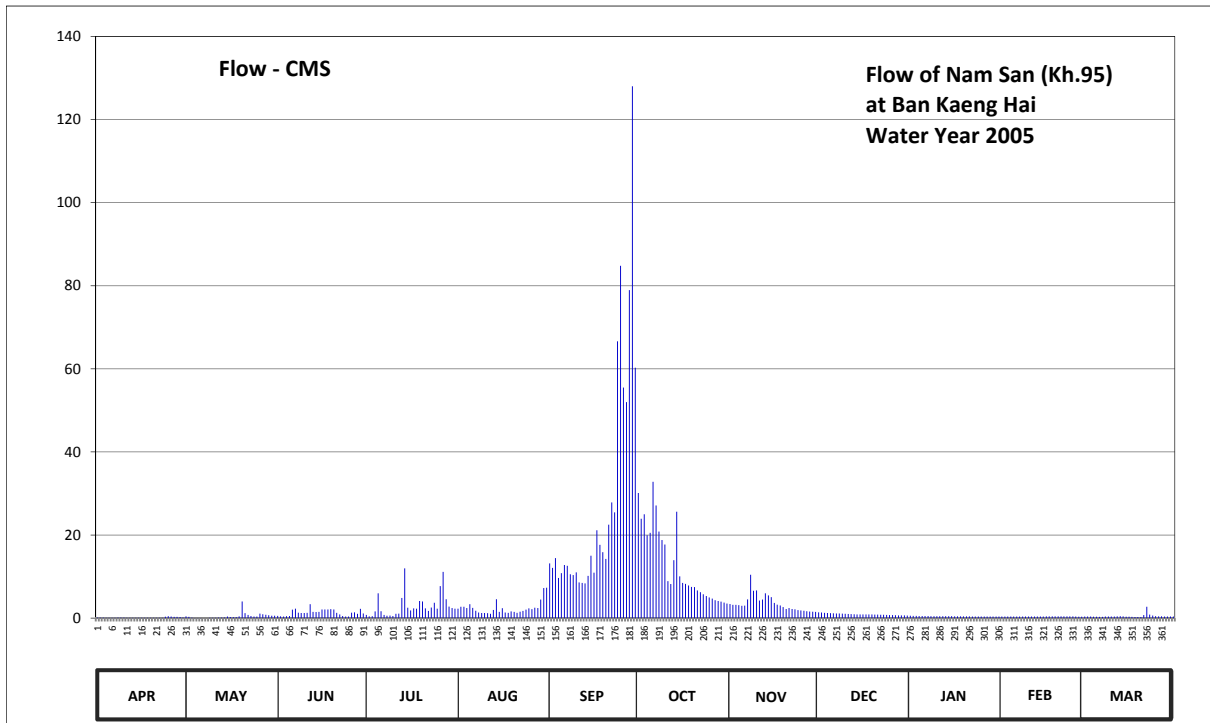
Lat 17 - 26 - 20 N Long 101 - 19 - 50 E

Location : on left bank at the bridge of Amphoe Phu Rua - Amphoe Dan Sai Highway.

	Ban Kaeng Hai	Amphoe Phu Rua	Changwat Loei
Drainage Area	352 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+593.920 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank upstream side at the footpath of the bridge.	Elevation	+605.713 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1998 to date		
Rating Operation			
Period of Rating	1998 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	594.61	594.92	595.01	595.13	595.64	597.38	598.94	595.88	595.42	595.04	594.89	594.87	
2	594.60	594.81	594.91	594.93	595.74	597.27	598.49	595.84	595.41	595.02	594.89	594.87	
3	594.59	594.59	594.89	594.96	595.74	597.51	598.60	595.84	595.38	595.01	594.89	594.88	
4	594.58	594.47	594.96	595.48	595.67	597.02	598.08	595.82	595.37	595.00	594.88	594.86	
5	594.57	594.45	594.98	596.39	595.87	597.14	598.14	595.79	595.35	595.00	594.88	594.84	
6	594.57	594.44	595.58	595.49	595.68	597.34	599.12	595.80	595.32	594.99	594.88	594.81	
7	594.57	594.42	595.64	595.14	595.52	597.32	598.74	596.10	595.31	594.98	594.88	594.80	
8	594.62	594.42	595.40	595.04	595.41	597.11	598.17	597.10	595.30	594.97	594.88	594.88	
9	594.61	594.51	595.37	595.05	595.36	597.09	597.96	596.52	595.28	594.97	594.88	594.90	
10	594.60	594.52	595.36	594.98	595.37	597.16	597.85	596.53	595.26	594.97	594.88	594.90	
11	594.57	594.58	595.39	595.27	595.35	596.91	596.94	596.05	595.25	594.97	594.89	594.89	
12	594.56	594.63	595.87	595.29	595.27	596.89	596.84	596.09	595.23	594.96	594.88	594.92	
13	594.56	594.63	595.45	596.17	595.57	596.87	597.46	596.39	595.21	594.96	594.90	594.96	
14	594.56	594.65	595.44	597.26	596.11	597.07	598.64	596.29	595.20	594.95	594.90	594.91	
15	594.56	594.89	595.45	595.69	595.45	597.57	597.06	596.21	595.20	594.95	594.90	594.85	
16	594.56	594.75	595.59	595.54	595.66	597.15	596.89	595.93	595.20	594.94	594.91	594.83	
17	594.55	594.72	595.59	595.65	595.41	598.20	596.85	595.85	595.20	594.93	594.91	594.80	
18	594.54	594.71	595.59	595.64	595.38	597.84	596.77	595.81	595.20	594.92	594.91	594.77	
19	594.56	594.94	595.61	596.02	595.48	597.66	596.70	595.72	595.19	594.92	594.92	594.75	
20	594.55	596.00	595.59	596.00	595.45	597.49	596.69	595.62	595.18	594.91	594.91	594.76	
21	594.55	595.34	595.38	595.65	595.39	598.34	596.53	595.67	595.17	594.91	594.91	595.11	
22	594.55	595.13	595.19	595.51	595.46	598.79	596.45	595.62	595.16	594.90	594.92	595.74	
23	594.57	595.00	594.99	595.70	595.51	598.63	596.35	595.60	595.15	594.90	594.91	595.18	
24	594.83	594.90	594.90	595.94	595.58	600.77	596.26	595.56	595.14	594.90	594.91	595.05	
25	594.96	594.88	594.89	595.64	595.65	601.32	596.19	595.54	595.12	594.90	594.91	594.96	
26	594.88	595.29	595.40	596.74	595.61	600.36	596.14	595.52	595.11	594.90	594.90	594.94	
27	594.80	595.22	595.42	597.17	595.69	600.22	596.06	595.49	595.10	594.90	594.86	594.91	
28	594.80	595.16	595.26	596.11	595.67	601.17	596.02	595.47	595.08	594.90	594.86	594.88	
29	594.77	595.10	595.63	595.75	596.09	602.32	595.99	595.46	595.07	594.89		594.87	
30	594.67	595.04	595.31	595.67	596.65	600.55	595.95	595.45	595.07	594.88		594.90	
31		595.03		595.64	596.66		595.90		595.06	594.88		594.87	
Mean	594.63	594.84	595.33	595.70	595.65	598.28	597.19	595.89	595.22	594.94	594.89	594.92	
Max	594.96	596.00	595.87	597.26	596.66	602.32	599.12	597.10	595.42	595.04	594.92	595.74	602.32
Min	594.54	594.42	594.89	594.93	595.27	596.87	595.90	595.45	595.06	594.88	594.86	594.75	594.42
Annual Max Momentary Gage Height	602.55		m. (MSL.) ,			at 10.00 Hours ,	on Sep 29 , 2005						
Zero Gage at Bottom Elevation	593.92		m. (MSL.) ,			River Bed	593.67	m. (MSL.)					
Left Bank Elevation	605.61		m. (MSL.) ,										
Right Bank Elevation	605.62		m. (MSL.) ,			Drainage Are	352	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.11	0.42	0.52	0.76	2.28	13.16	30.10	3.40	1.38	0.58	0.39	0.37	
2	0.10	0.31	0.41	0.43	2.73	12.09	23.93	3.20	1.34	0.54	0.39	0.37	
3	0.10	0.10	0.39	0.46	2.73	14.42	25.00	3.20	1.26	0.52	0.39	0.38	
4	0.09	0.03	0.46	1.62	2.42	9.66	19.95	3.10	1.24	0.50	0.38	0.36	
5	0.09	0.03	0.48	5.95	3.35	10.83	20.54	2.95	1.20	0.50	0.38	0.34	
6	0.09	0.02	2.02	1.66	2.46	12.77	32.80	3.00	1.14	0.49	0.38	0.31	
7	0.09	0.01	2.28	0.78	1.78	12.58	27.10	4.50	1.12	0.48	0.38	0.30	
8	0.12	0.01	1.30	0.58	1.34	10.54	20.83	10.44	1.10	0.47	0.38	0.38	
9	0.11	0.06	1.24	0.60	1.22	10.34	18.79	6.60	1.06	0.47	0.38	0.40	
10	0.10	0.06	1.22	0.48	1.24	11.02	17.72	6.65	1.02	0.47	0.38	0.40	
11	0.09	0.09	1.28	1.04	1.20	8.60	8.89	4.25	1.00	0.47	0.39	0.39	
12	0.08	0.13	3.35	1.08	1.04	8.45	8.20	4.45	0.96	0.46	0.38	0.42	
13	0.08	0.13	1.50	4.85	1.98	8.35	13.94	5.95	0.92	0.46	0.40	0.46	
14	0.08	0.15	1.46	11.99	4.55	10.15	25.60	5.45	0.90	0.45	0.40	0.41	
15	0.08	0.39	1.50	2.51	1.50	15.00	10.05	5.05	0.90	0.45	0.40	0.35	
16	0.08	0.25	2.06	1.86	2.37	10.93	8.45	3.65	0.90	0.44	0.41	0.33	
17	0.08	0.22	2.06	2.33	1.34	21.12	8.25	3.25	0.90	0.43	0.41	0.30	
18	0.07	0.21	2.06	2.28	1.26	17.62	7.85	3.05	0.90	0.42	0.41	0.27	
19	0.08	0.44	2.15	4.10	1.62	15.88	7.50	2.64	0.88	0.42	0.42	0.25	
20	0.08	4.00	2.06	4.00	1.50	14.23	7.45	2.19	0.86	0.41	0.41	0.26	
21	0.08	1.18	1.26	2.33	1.28	22.48	6.65	2.42	0.84	0.41	0.41	0.72	
22	0.08	0.76	0.88	1.74	1.54	27.85	6.25	2.19	0.82	0.40	0.42	2.73	
23	0.09	0.50	0.49	2.55	1.74	25.45	5.75	2.10	0.80	0.40	0.41	0.86	
24	0.33	0.40	0.40	3.70	2.02	66.60	5.30	1.94	0.78	0.40	0.41	0.60	
25	0.46	0.38	0.39	2.28	2.33	84.80	4.95	1.86	0.74	0.40	0.41	0.46	
26	0.38	1.08	1.30	7.70	2.15	55.50	4.70	1.78	0.72	0.40	0.40	0.44	
27	0.30	0.94	1.38	11.12	2.51	52.00	4.30	1.66	0.70	0.40	0.36	0.41	
28	0.30	0.82	1.02	4.55	2.42	78.95	4.10	1.58	0.66	0.40	0.36	0.38	
29	0.27	0.70	2.24	2.78	4.45	128.00	3.95	1.54	0.64	0.39		0.37	
30	0.17	0.58	1.12	2.42	7.25	60.25	3.75	1.50	0.64	0.38		0.40	
31		0.56		2.28	7.30		3.50		0.62	0.38		0.37	
Total	4.26	14.96	40.28	92.81	74.90	849.62	396.14	105.54	28.94	13.79	11.04	14.79	1647.07 CMSDAY
Mean	0.14	0.48	1.34	2.99	2.42	28.32	12.78	3.52	0.93	0.44	0.39	0.48	4.51 CMS
Max	0.46	4.00	3.35	11.99	7.30	128.00	32.80	10.44	1.38	0.58	0.42	2.73	128.00 CMS
Min	0.07	0.01	0.39	0.43	1.04	8.35	3.50	1.50	0.62	0.38	0.36	0.25	0.01 CMS
Runoff	0.37	1.29	3.48	8.02	6.47	73.41	34.23	9.12	2.50	1.19	0.95	1.28	142.31 MCM
Momentary Peak		140.00 CMS.		at 602.55 m. (MSL.)		at 10.00 Hours ,		on Sep 29 , 2005					
Runoff Yield		12.82		Liters/Second/Square KM.		Momentary Peak Yield		397.727		Liters/Second/Square KM.			

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Nam Khao Man at Ban Kaeng Laen, Loei (Kh.96)

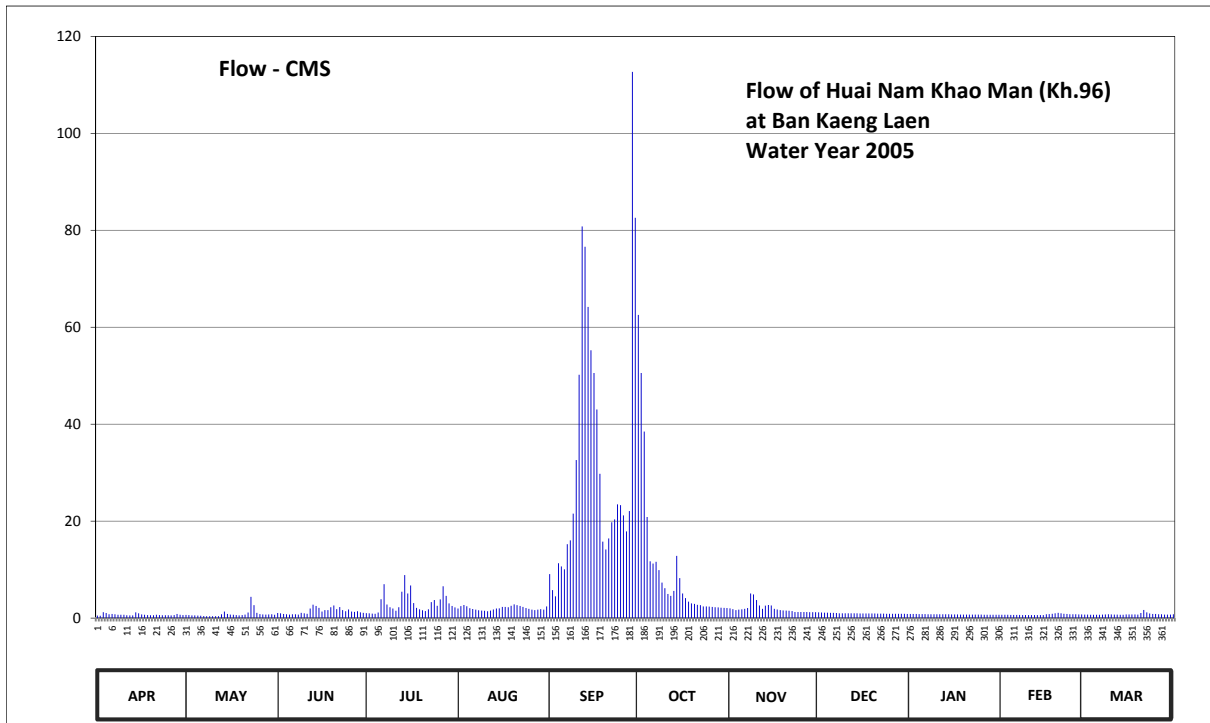
Lat 17 - 23 - 27 N Long 101 - 17 - 11 E

Location : on left bank at the bridge of Amphoe Phu Rua - Amphoe Dan Sai Highway.

	Ban Kaeng Laen	Amphoe Phu Rua	Changwat Loei
Drainage Area	263 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+589.200 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank down side on the footpath of the bridge.		Elevation +597.713 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1998 to date		
Rating Operation			
Period of Rating	1998 to date		
Rated by Flot	-		
Rated by Current Meter	1998 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	590.27	590.33	590.53	590.51	590.99	592.52	595.01	591.00	590.59	590.42	590.34	590.37	
2	590.24	590.31	590.49	590.49	591.19	592.01	594.73	590.93	590.58	590.42	590.34	590.36	
3	590.61	590.28	590.43	590.46	591.29	591.73	594.37	590.83	590.56	590.42	590.34	590.35	
4	590.53	590.28	590.39	590.45	591.18	592.83	593.62	590.87	590.56	590.41	590.33	590.34	
5	590.40	590.27	590.37	590.58	591.01	592.74	592.88	590.90	590.55	590.41	590.33	590.34	
6	590.42	590.24	590.39	591.60	590.94	592.66	592.82	590.96	590.54	590.41	590.33	590.34	
7	590.40	590.21	590.40	592.20	590.87	593.22	592.87	591.03	590.53	590.40	590.33	590.36	
8	590.35	590.20	590.37	591.32	590.81	593.28	592.64	591.86	590.50	590.40	590.32	590.38	
9	590.35	590.20	590.54	591.09	590.78	593.66	592.25	591.82	590.49	590.40	590.32	590.40	
10	590.34	590.20	590.49	590.99	590.75	594.17	592.07	591.56	590.49	590.40	590.32	590.38	
11	590.29	590.20	590.44	590.76	590.71	594.72	591.84	591.25	590.49	590.39	590.32	590.37	
12	590.28	590.20	590.99	591.10	590.77	595.33	591.75	590.96	590.49	590.39	590.31	590.36	
13	590.28	590.40	591.31	591.94	590.89	595.26	591.98	591.23	590.49	590.39	590.31	590.35	
14	590.60	590.68	591.20	592.49	590.99	595.04	593.02	591.29	590.49	590.39	590.31	590.34	
15	590.49	590.43	591.04	591.86	591.00	594.85	592.39	591.25	590.48	590.38	590.31	590.38	
16	590.38	590.37	590.68	592.16	591.13	594.73	591.86	590.95	590.48	590.38	590.40	590.38	
17	590.34	590.35	590.82	591.42	591.13	594.51	591.65	590.89	590.47	590.38	590.41	590.38	
18	590.31	590.31	590.83	591.05	591.10	594.06	591.49	590.83	590.47	590.37	590.45	590.38	
19	590.29	590.28	591.09	590.90	591.21	593.26	591.41	590.79	590.47	590.37	590.50	590.36	
20	590.29	590.32	591.24	590.81	591.33	593.13	591.37	590.78	590.47	590.37	590.54	590.53	
21	590.35	590.36	590.92	590.73	591.27	593.31	591.30	590.76	590.46	590.37	590.49	590.84	
22	590.31	590.57	591.11	590.91	591.20	593.55	591.27	590.72	590.46	590.37	590.45	590.59	
23	590.30	591.71	590.83	591.47	591.12	593.59	591.17	590.62	590.46	590.36	590.42	590.48	
24	590.30	591.27	590.71	591.56	591.03	593.77	591.16	590.63	590.45	590.36	590.40	590.43	
25	590.29	590.55	590.89	591.22	590.96	593.76	591.15	590.63	590.45	590.36	590.40	590.42	
26	590.28	590.41	590.67	591.59	590.88	593.64	591.13	590.62	590.45	590.35	590.40	590.40	
27	590.31	590.38	590.64	592.13	590.82	593.42	591.10	590.62	590.45	590.35	590.38	590.39	
28	590.43	590.36	590.71	591.75	590.87	593.69	591.08	590.61	590.44	590.35	590.38	590.37	
29	590.35	590.38	590.60	591.41	590.93	595.79	591.06	590.61	590.44	590.35		590.36	
30	590.32	590.39	590.54	591.20	590.87	595.36	591.05	590.61	590.44	590.34		590.37	
31		590.35		591.08	591.16		591.03		590.42	590.34		590.39	
Mean	590.36	590.41	590.72	591.27	591.01	593.79	592.08	590.95	590.49	590.38	590.37	590.40	
Max	590.61	591.71	591.31	592.49	591.33	595.79	595.01	591.86	590.59	590.42	590.54	590.84	595.79
Min	590.24	590.20	590.37	590.45	590.71	591.73	591.03	590.61	590.42	590.34	590.31	590.34	590.20
Annual Max Momentary Gage Height	596.45		m. (MSL.) ,				at 11.00 Hours ,						
Zero Gage at Bottom Elevation	589.20		m. (MSL.) ,			River Bed	589.97		m. (MSL.)				
Left Bank Elevation	597.47		m. (MSL.) ,										
Right Bank Elevation	598.05		m. (MSL.) ,			Drainage Are	263		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.54	0.66	1.06	1.02	1.98	9.08	62.55	2.00	1.18	0.84	0.68	0.74	
2	0.48	0.62	0.98	0.98	2.47	5.77	50.55	1.86	1.16	0.84	0.68	0.72	
3	1.22	0.56	0.86	0.92	2.72	4.48	38.50	1.66	1.12	0.84	0.68	0.70	
4	1.06	0.56	0.78	0.90	2.45	11.33	20.85	1.74	1.12	0.82	0.66	0.68	
5	0.80	0.54	0.74	1.16	2.03	10.65	11.70	1.80	1.10	0.82	0.66	0.68	
6	0.84	0.48	0.78	3.90	1.88	10.05	11.25	1.92	1.08	0.82	0.66	0.68	
7	0.80	0.42	0.80	7.00	1.74	15.26	11.63	2.08	1.06	0.80	0.66	0.72	
8	0.70	0.40	0.74	2.80	1.62	16.04	9.90	5.07	1.00	0.80	0.64	0.76	
9	0.70	0.40	1.08	2.23	1.56	21.55	7.33	4.89	0.98	0.80	0.64	0.80	
10	0.68	0.40	0.98	1.98	1.50	32.62	6.16	3.72	0.98	0.80	0.64	0.76	
11	0.58	0.40	0.88	1.52	1.42	50.20	4.98	2.62	0.98	0.78	0.64	0.74	
12	0.56	0.40	1.98	2.25	1.54	80.80	4.57	1.92	0.98	0.78	0.62	0.72	
13	0.56	0.80	2.77	5.43	1.78	76.60	5.61	2.57	0.98	0.78	0.62	0.70	
14	1.20	1.36	2.50	8.89	1.98	64.20	12.84	2.72	0.98	0.78	0.62	0.68	
15	0.98	0.86	2.10	5.07	2.00	55.25	8.24	2.62	0.96	0.76	0.62	0.76	
16	0.76	0.74	1.36	6.74	2.32	50.55	5.07	1.90	0.96	0.76	0.80	0.76	
17	0.68	0.70	1.64	3.09	2.32	43.03	4.13	1.78	0.94	0.76	0.82	0.76	
18	0.62	0.62	1.66	2.12	2.25	29.76	3.40	1.66	0.94	0.74	0.90	0.76	
19	0.58	0.56	2.23	1.80	2.53	15.78	3.04	1.58	0.94	0.74	1.00	0.72	
20	0.58	0.64	2.60	1.62	2.82	14.16	2.92	1.56	0.94	0.74	1.08	1.06	
21	0.70	0.72	1.84	1.46	2.68	16.43	2.75	1.52	0.92	0.74	0.98	1.68	
22	0.62	1.14	2.27	1.82	2.50	19.77	2.68	1.44	0.92	0.74	0.90	1.18	
23	0.60	4.40	1.66	3.31	2.30	20.36	2.42	1.24	0.92	0.72	0.84	0.96	
24	0.60	2.68	1.42	3.72	2.08	23.48	2.40	1.26	0.90	0.72	0.80	0.86	
25	0.58	1.10	1.78	2.55	1.92	23.30	2.38	1.26	0.90	0.72	0.80	0.84	
26	0.56	0.82	1.34	3.86	1.76	21.20	2.32	1.24	0.90	0.70	0.80	0.80	
27	0.62	0.76	1.28	6.55	1.64	17.89	2.25	1.24	0.90	0.70	0.76	0.78	
28	0.86	0.72	1.42	4.57	1.74	22.08	2.20	1.22	0.88	0.70	0.76	0.74	
29	0.70	0.76	1.20	3.04	1.86	112.70	2.15	1.22	0.88	0.70		0.72	
30	0.64	0.78	1.08	2.50	1.74	82.60	2.12	1.22	0.88	0.68		0.74	
31		0.70		2.20	2.40		2.08		0.84	0.68		0.78	
Total	21.40	26.70	43.81	97.00	63.53	976.97	310.97	60.53	30.22	23.60	20.96	24.98	1700.67 CMSDAY
Mean	0.71	0.86	1.46	3.13	2.05	32.57	10.03	2.02	0.97	0.76	0.75	0.81	4.66 CMS
Max	1.22	4.40	2.77	8.89	2.82	112.70	62.55	5.07	1.18	0.84	1.08	1.68	112.70 CMS
Min	0.48	0.40	0.74	0.90	1.42	4.48	2.08	1.22	0.84	0.68	0.62	0.68	0.40 CMS
Runoff	1.85	2.31	3.79	8.38	5.49	84.41	26.87	5.23	2.61	2.04	1.81	2.16	146.94 MCM
Momentary Peak	201.00	CMS.	at 596.45 m. (MSL.)				on Sep 29, 2005						
Runoff Yield	17.72	Liters/Second/Square KM.			Momentary Peak Yield	764.259	Liters/Second/Square KM.						

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Bang Sai at Ban Bang Sai , Mukdahan (Kh.99A)

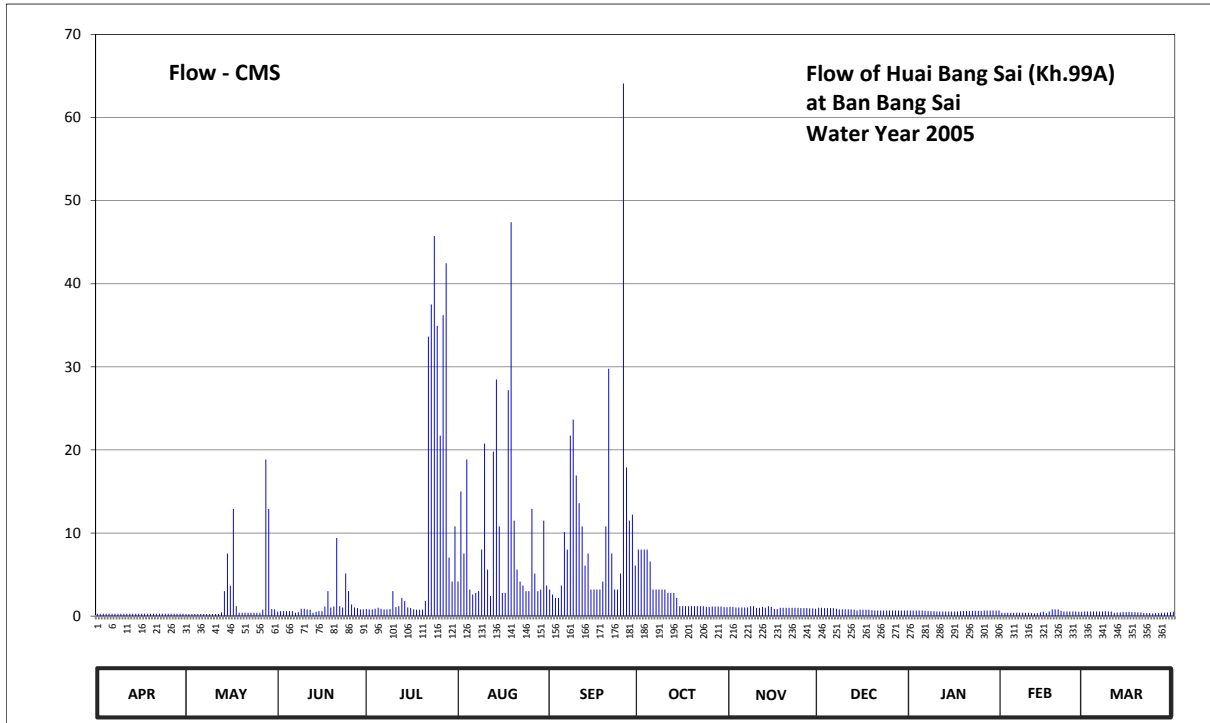
Lat 16 - 42 - 05 N Long 104 - 14 - 46 E

Location : on right bank at Ban Bang Sai

	Ban Bang Sai	Amphoe Dong Luang	Changwat Mukdahan
Drainage Area	115 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+248.500 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank near the gage site.		Elevation +253.745 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings.		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 25 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	250.77	250.76	250.84	250.91	251.12	251.10	251.20	250.98	250.95	250.87	250.80	250.84	
2	250.77	250.76	250.85	250.90	251.30	251.07	251.20	250.98	250.95	250.87	250.80	250.84	
3	250.77	250.76	250.85	250.90	251.19	251.05	251.20	250.96	250.94	250.87	250.80	250.84	
4	250.77	250.76	250.85	250.92	251.34	251.05	251.20	250.96	250.94	250.87	250.80	250.84	
5	250.77	250.76	250.85	250.95	251.10	251.11	251.17	250.96	250.94	250.87	250.80	250.84	
6	250.77	250.76	250.85	250.92	251.07	251.23	251.10	250.96	250.94	250.86	250.80	250.84	
7	250.77	250.76	250.80	250.90	251.08	251.20	251.10	250.96	250.92	250.86	250.80	250.84	
8	250.77	250.76	250.82	250.90	251.09	251.37	251.10	251.00	250.90	250.85	250.80	250.85	
9	250.77	250.76	250.92	250.91	251.20	251.39	251.10	251.00	250.90	250.85	250.80	250.84	
10	250.77	250.76	250.92	251.09	251.36	251.32	251.10	250.95	250.90	250.84	250.80	250.84	
11	250.77	250.76	250.90	250.97	251.15	251.28	251.08	250.95	250.90	250.84	250.79	250.80	
12	250.77	250.76	250.89	251.00	251.06	251.24	251.08	250.98	250.90	250.84	250.78	250.81	
13	250.77	250.81	250.80	251.05	251.35	251.16	251.08	250.95	250.89	250.84	250.79	250.81	
14	250.77	251.09	250.83	251.03	251.43	251.19	251.05	251.00	250.87	250.84	250.81	250.82	
15	250.77	251.19	250.85	250.96	251.24	251.10	251.00	250.98	250.89	250.84	250.83	250.82	
16	250.77	251.11	250.85	250.94	251.08	251.10	251.00	250.91	250.89	250.84	250.79	250.83	
17	250.77	251.27	250.99	250.90	251.08	251.10	251.00	250.91	250.89	250.84	250.84	250.82	
18	250.77	251.00	251.09	250.89	251.42	251.10	251.00	250.95	250.89	250.85	250.90	250.82	
19	250.77	250.80	250.96	250.89	251.56	251.12	251.00	250.95	250.88	250.85	250.90	250.81	
20	250.77	250.80	250.99	250.89	251.25	251.24	251.00	250.95	250.87	250.85	250.90	250.81	
21	250.77	250.80	251.22	251.03	251.15	251.44	251.00	250.95	250.87	250.85	250.86	250.79	
22	250.77	250.80	251.00	251.47	251.12	251.19	251.00	250.95	250.87	250.86	250.84	250.79	
23	250.77	250.80	250.96	251.50	251.11	251.10	251.00	250.95	250.87	250.86	250.84	250.79	
24	250.77	250.80	251.14	251.55	251.09	251.10	250.98	250.95	250.87	250.86	250.84	250.78	
25	250.77	250.80	251.09	251.48	251.09	251.14	250.98	250.94	250.87	250.86	250.84	250.79	
26	250.77	250.80	251.01	251.37	251.27	251.65	250.99	250.94	250.87	250.87	250.84	250.79	
27	250.77	250.89	250.96	251.49	251.14	251.33	250.99	250.94	250.87	250.87	250.83	250.80	
28	250.77	251.34	250.94	251.53	251.09	251.25	250.99	250.93	250.87	250.87	250.83	250.80	
29	250.77	251.27	250.90	251.18	251.10	251.26	250.99	250.93	250.87	250.87		250.81	
30	250.77	250.91	250.90	251.12	251.25	251.16	250.97	250.92	250.87	250.87		250.82	
31		250.90		251.24	251.11		250.97		250.87	250.87		250.83	
Mean	250.77	250.88	250.93	251.09	251.19	251.20	251.05	250.95	250.89	250.86	250.82	250.82	
Max	250.77	251.34	251.22	251.55	251.56	251.65	251.20	251.00	250.95	250.87	250.90	250.85	251.65
Min	250.77	250.76	250.80	250.89	251.06	251.05	250.97	250.91	250.87	250.84	250.78	250.78	250.76
Annual Max Momentary Gage Height	252.00		m. (MSL.) ,				at 12.00 Hours , on Sep 26 , 2005						
Zero Gage at Bottom Elevation	248.50		m. (MSL.) ,			River Bed	250.60		m. (MSL.)				
Left Bank Elevation		257.26		m. (MSL.) ,									
Right Bank Elevation		257.60		m. (MSL.) ,		Drainage Are	115		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.28	0.24	0.56	0.84	4.16	3.20	8.00	1.12	1.00	0.68	0.40	0.56	
2	0.28	0.24	0.60	0.80	15.00	2.60	8.00	1.12	1.00	0.68	0.40	0.56	
3	0.28	0.24	0.60	0.80	7.52	2.20	8.00	1.04	0.96	0.68	0.40	0.56	
4	0.28	0.24	0.60	0.88	18.84	2.20	8.00	1.04	0.96	0.68	0.40	0.56	
5	0.28	0.24	0.60	1.00	3.20	3.68	6.56	1.04	0.96	0.68	0.40	0.56	
6	0.28	0.24	0.60	0.88	2.60	10.10	3.20	1.04	0.96	0.64	0.40	0.56	
7	0.28	0.24	0.40	0.80	2.80	8.00	3.20	1.04	0.88	0.64	0.40	0.56	
8	0.28	0.24	0.48	0.80	3.00	21.72	3.20	1.20	0.80	0.60	0.40	0.60	
9	0.28	0.24	0.88	0.84	8.00	23.64	3.20	1.20	0.80	0.60	0.40	0.56	
10	0.28	0.24	0.88	3.00	20.76	16.92	3.20	1.00	0.80	0.56	0.40	0.56	
11	0.28	0.24	0.80	1.08	5.60	13.60	2.80	1.00	0.80	0.56	0.36	0.40	
12	0.28	0.24	0.76	1.20	2.40	10.80	2.80	1.12	0.80	0.56	0.32	0.44	
13	0.28	0.44	0.40	2.20	19.80	6.08	2.80	1.00	0.76	0.56	0.36	0.44	
14	0.28	3.00	0.52	1.80	28.47	7.52	2.20	1.20	0.68	0.56	0.44	0.48	
15	0.28	7.52	0.60	1.04	10.80	3.20	1.20	1.12	0.76	0.56	0.52	0.48	
16	0.28	3.68	0.60	0.96	2.80	3.20	1.20	0.84	0.76	0.56	0.36	0.52	
17	0.28	12.90	1.16	0.80	2.80	3.20	1.20	0.84	0.76	0.56	0.56	0.48	
18	0.28	1.20	3.00	0.76	27.18	3.20	1.20	1.00	0.76	0.60	0.80	0.48	
19	0.28	0.40	1.04	0.76	47.40	4.16	1.20	1.00	0.72	0.60	0.80	0.44	
20	0.28	0.40	1.16	0.76	11.50	10.80	1.20	1.00	0.68	0.60	0.80	0.44	
21	0.28	0.40	9.40	1.80	5.60	29.76	1.20	1.00	0.68	0.60	0.64	0.36	
22	0.28	0.40	1.20	33.63	4.16	7.52	1.20	1.00	0.68	0.64	0.56	0.36	
23	0.28	0.40	1.04	37.50	3.68	3.20	1.20	1.00	0.68	0.64	0.56	0.36	
24	0.28	0.40	5.12	45.75	3.00	3.20	1.12	1.00	0.68	0.64	0.56	0.32	
25	0.28	0.40	3.00	34.92	3.00	5.12	1.12	0.96	0.68	0.64	0.56	0.36	
26	0.28	0.40	1.40	21.72	12.90	64.10	1.16	0.96	0.68	0.68	0.56	0.36	
27	0.28	0.76	1.04	36.21	5.12	17.88	1.16	0.96	0.68	0.68	0.52	0.40	
28	0.28	18.84	0.96	42.45	3.00	11.50	1.16	0.92	0.68	0.68	0.52	0.40	
29	0.28	12.90	0.80	7.04	3.20	12.20	1.16	0.92	0.68	0.68		0.44	
30	0.28	0.84	0.80	4.16	11.50	6.08	1.08	0.88	0.68	0.68		0.48	
31		0.80		10.80	3.68		1.08		0.68	0.68		0.52	
Total	8.40	68.96	41.00	297.98	303.47	320.58	85.00	30.56	24.08	19.40	13.80	14.60	1227.83 CMSDAY
Mean	0.28	2.22	1.37	9.61	9.79	10.69	2.74	1.02	0.78	0.63	0.49	0.47	3.36 CMS
Max	0.28	18.84	9.40	45.75	47.40	64.10	8.00	1.20	1.00	0.68	0.80	0.60	64.10 CMS
Min	0.28	0.24	0.40	0.76	2.40	2.20	1.08	0.84	0.68	0.56	0.32	0.32	0.24 CMS
Runoff	0.73	5.96	3.54	25.75	26.22	27.70	7.34	2.64	2.08	1.68	1.19	1.26	106.09 MCM
Momentary Peak	179.00	CMS. at 252.00 m. (MSL.) at 12.00 Hours , on Sep 26 , 2005											
Runoff Yield	29.25	Liters/Second/Square KM. Momentary Peak Yield 1556.522 Liters/Second/Square KM.											

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Muk at Ban Kaen Tao , Mukdahan (Kh.101)

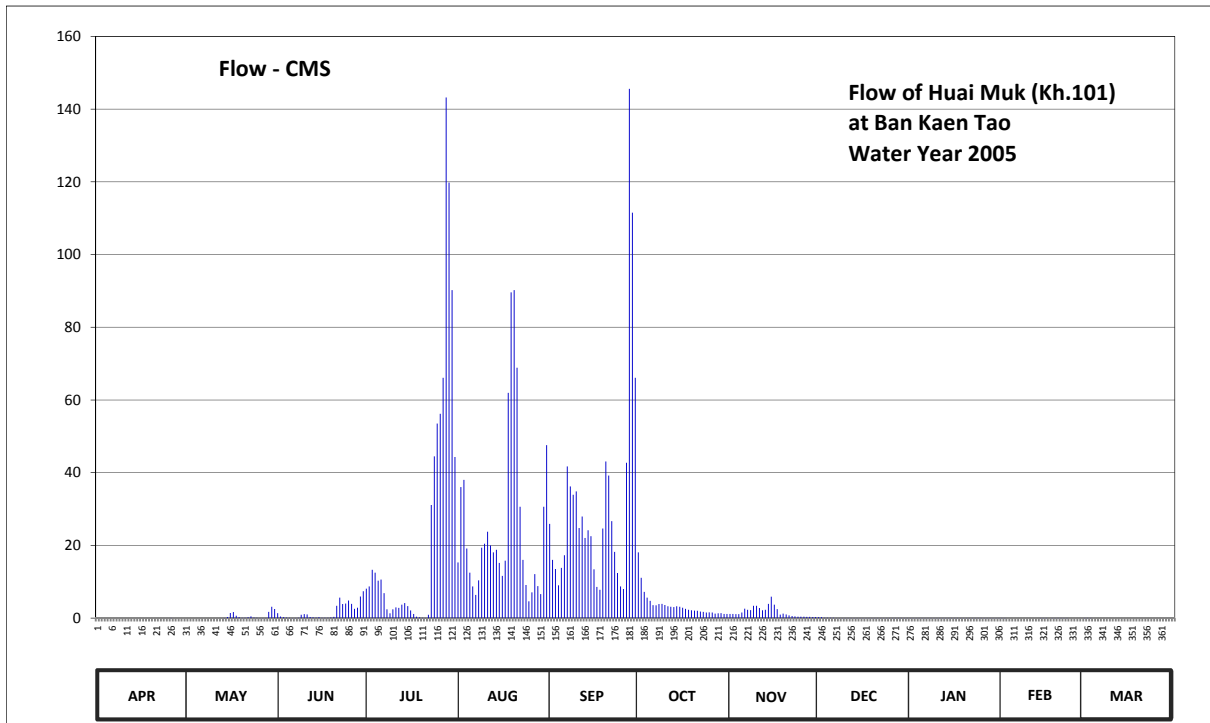
Lat 16 - 35 - 07 N Long 104 - 37 - 13 E

Location : on right bank at the bridge of Amphoe Dong Luang - Muk Dahan Highway.

	Ban Kaen Tao	Amphoe Mueang	Changwat Mukdahan
Drainage Area	414 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+136.900 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank about 1 meter from the top staff gage.	Elevation	+146.237 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings.		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +143.240 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.40	137.40	138.07	139.11	139.83	140.76	140.11	138.03	137.79	137.56	137.48	137.60	
2	137.39	137.41	137.86	139.17	141.47	139.90	139.41	138.03	137.77	137.54	137.48	137.53	
3	137.39	137.39	137.79	139.63	141.60	139.65	139.02	138.02	137.70	137.53	137.47	137.50	
4	137.39	137.39	137.72	139.55	140.21	139.20	138.82	138.02	137.65	137.52	137.46	137.47	
5	137.39	137.39	137.64	139.33	139.55	139.68	138.70	138.11	137.63	137.51	137.46	137.47	
6	137.39	137.39	137.59	139.36	139.17	140.03	138.51	138.32	137.63	137.50	137.45	137.45	
7	137.38	137.39	137.57	138.98	138.92	141.84	138.50	138.26	137.62	137.50	137.45	137.46	
8	137.38	137.44	137.63	138.28	139.34	141.48	138.57	138.24	137.61	137.50	137.43	137.47	
9	137.37	137.42	137.98	138.06	140.23	141.33	138.58	138.48	137.61	137.50	137.43	137.46	
10	137.37	137.40	138.02	138.28	140.32	141.39	138.52	138.48	137.62	137.50	137.42	137.45	
11	137.38	137.40	138.00	138.39	140.59	140.67	138.45	138.35	137.62	137.55	137.42	137.42	
12	137.38	137.40	137.81	138.36	140.28	140.92	138.42	138.23	137.61	137.54	137.47	137.42	
13	137.38	137.41	137.75	138.54	140.11	140.45	138.41	138.26	137.61	137.51	137.44	137.41	
14	137.39	137.51	137.72	138.62	140.18	140.62	138.45	138.58	137.59	137.51	137.50	137.41	
15	137.39	137.80	137.77	138.46	139.82	140.49	138.42	138.85	137.55	137.55	137.49	137.41	
16	137.40	138.08	137.69	138.22	139.46	139.64	138.37	138.54	137.55	137.53	137.48	137.41	
17	137.42	138.13	137.68	138.03	139.88	139.16	138.31	138.29	137.60	137.51	137.46	137.41	
18	137.41	137.93	137.66	137.84	142.97	139.08	138.26	137.99	137.58	137.50	137.54	137.41	
19	137.39	137.77	137.73	137.75	143.66	140.66	138.23	138.05	137.57	137.50	137.54	137.40	
20	137.39	137.70	137.82	137.68	143.67	141.92	138.21	138.00	137.56	137.49	137.52	137.40	
21	137.39	137.66	138.48	137.56	143.21	141.68	138.20	137.95	137.56	137.48	137.51	137.40	
22	137.39	137.75	138.82	137.98	141.11	140.82	138.16	137.91	137.57	137.49	137.50	137.41	
23	137.41	137.90	138.57	141.14	139.90	140.12	138.14	137.88	137.57	137.50	137.50	137.46	
24	137.39	137.72	138.60	142.00	139.21	139.54	138.11	137.85	137.58	137.49	137.46	137.44	
25	137.43	137.66	138.71	142.50	138.68	139.17	138.12	137.85	137.57	137.49	137.46	137.41	
26	137.53	137.59	138.58	142.65	139.01	139.10	138.11	137.84	137.59	137.48	137.45	137.40	
27	137.41	137.52	138.31	143.12	139.51	141.90	138.05	137.83	137.58	137.48	137.45	137.40	
28	137.40	137.53	138.37	144.31	139.18	144.33	138.06	137.82	137.57	137.48	137.47	137.39	
29	137.40	138.14	138.86	144.08	138.95	143.98	138.07	137.81	137.57	137.48		137.39	
30	137.40	138.42	139.04	143.67	141.11	143.12	138.03	137.80	137.57	137.49		137.41	
31		138.30		141.99	142.17		138.03		137.57	137.48		137.41	
Mean	137.40	137.66	138.06	139.76	140.43	140.75	138.43	138.12	137.61	137.51	137.47	137.43	
Max	137.53	138.42	139.04	144.31	143.67	144.33	140.11	138.85	137.79	137.56	137.54	137.60	144.33
Min	137.37	137.39	137.57	137.56	138.68	139.08	138.03	137.80	137.55	137.48	137.42	137.39	137.37
Annual Max Momentary Gage Height	144.45		m. (MSL.) ,				at 12.00 Hours ,						on Sep 28 , 2005
Zero Gage at Bottom Elevation	136.90		m. (MSL.) ,			River Bed	137.01	m. (MSL.)					
Left Bank Elevation		146.00	m. (MSL.) ,										
Right Bank Elevation		146.02	m. (MSL.) ,			Drainage Are	414	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.35	8.10	15.30	25.90	18.10	1.15	0.28	0.04	0.02	0.05	
2	0.00	0.00	0.42	8.70	36.05	16.00	11.10	1.15	0.24	0.03	0.02	0.03	
3	0.00	0.00	0.28	13.30	38.00	13.50	7.20	1.10	0.10	0.03	0.01	0.02	
4	0.00	0.00	0.14	12.50	19.12	9.00	5.65	1.10	0.07	0.03	0.01	0.01	
5	0.00	0.00	0.07	10.30	12.50	13.80	4.75	1.55	0.07	0.02	0.01	0.01	
6	0.00	0.00	0.05	10.60	8.70	17.30	3.55	2.60	0.07	0.02	0.01	0.01	
7	0.00	0.00	0.04	6.85	6.40	41.70	3.50	2.30	0.06	0.02	0.01	0.01	
8	0.00	0.01	0.07	2.40	10.40	36.20	3.85	2.20	0.05	0.02	0.01	0.01	
9	0.00	0.00	0.90	1.30	19.36	33.95	3.90	3.40	0.05	0.02	0.01	0.01	
10	0.00	0.00	1.10	2.40	20.44	34.85	3.60	3.40	0.06	0.02	0.00	0.01	
11	0.00	0.00	1.00	2.95	23.77	24.77	3.25	2.75	0.06	0.04	0.00	0.00	
12	0.00	0.00	0.32	2.80	19.96	27.96	3.10	2.15	0.05	0.03	0.01	0.00	
13	0.00	0.00	0.20	3.70	18.10	22.03	3.05	2.30	0.05	0.02	0.01	0.00	
14	0.00	0.02	0.14	4.15	18.80	24.15	3.25	3.90	0.05	0.02	0.02	0.00	
15	0.00	0.30	0.24	3.30	15.20	22.53	3.10	5.88	0.04	0.04	0.02	0.00	
16	0.00	1.40	0.10	2.10	11.60	13.40	2.85	3.70	0.04	0.03	0.02	0.00	
17	0.00	1.65	0.09	1.15	15.80	8.60	2.55	2.45	0.05	0.02	0.01	0.00	
18	0.00	0.65	0.08	0.38	61.96	7.80	2.30	0.95	0.04	0.02	0.03	0.00	
19	0.00	0.24	0.16	0.20	89.60	24.65	2.15	1.25	0.04	0.02	0.03	0.00	
20	0.00	0.10	0.34	0.09	90.20	43.10	2.05	1.00	0.04	0.02	0.03	0.00	
21	0.00	0.08	3.40	0.04	68.88	39.20	2.00	0.75	0.04	0.02	0.02	0.00	
22	0.00	0.20	5.65	0.90	30.65	26.66	1.80	0.55	0.04	0.02	0.02	0.00	
23	0.00	0.50	3.85	31.10	16.00	18.20	1.70	0.46	0.04	0.02	0.02	0.01	
24	0.00	0.14	4.00	44.50	9.10	12.40	1.55	0.40	0.04	0.02	0.01	0.01	
25	0.01	0.08	4.83	53.50	4.60	8.70	1.60	0.40	0.04	0.02	0.01	0.00	
26	0.03	0.05	3.90	56.20	7.10	8.00	1.55	0.38	0.05	0.02	0.01	0.00	
27	0.00	0.03	2.55	66.10	12.10	42.75	1.25	0.36	0.04	0.02	0.01	0.00	
28	0.00	0.03	2.85	143.20	8.80	145.60	1.30	0.34	0.04	0.02	0.01	0.00	
29	0.00	1.70	5.95	119.80	6.62	111.50	1.35	0.32	0.04	0.02	0.00	0.00	
30	0.00	3.10	7.40	90.20	30.65	66.10	1.15	0.30	0.04	0.02	0.00	0.00	
31		2.50		44.33	47.56		1.15		0.04	0.02		0.00	
Total	0.04	12.78	51.47	747.14	793.32	940.30	109.25	50.54	1.96	0.73	0.40	0.19	2708.12 CMSDAY
Mean	0.00	0.41	1.72	24.10	25.59	31.34	3.52	1.68	0.06	0.02	0.01	0.01	7.42 CMS
Max	0.03	3.10	7.40	143.20	90.20	145.60	18.10	5.88	0.28	0.04	0.03	0.05	145.60 CMS
Min	0.00	0.00	0.04	0.04	4.60	7.80	1.15	0.30	0.04	0.02	0.00	0.00	0.00 CMS
Runoff	0.00	1.10	4.45	64.55	68.54	81.24	9.44	4.37	0.17	0.06	0.04	0.02	233.98 MCM
Momentary Peak	162.00 CMS. at 144.45 m. (MSL.) at 12.00 Hours , on Sep 28 , 2005												
Runoff Yield	17.92 Liters/Second/Square KM.			Momentary Peak Yield 391.304 Liters/Second/Square KM.									

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Luang at Ban Non Toom , Udon Thani (Kh.103)

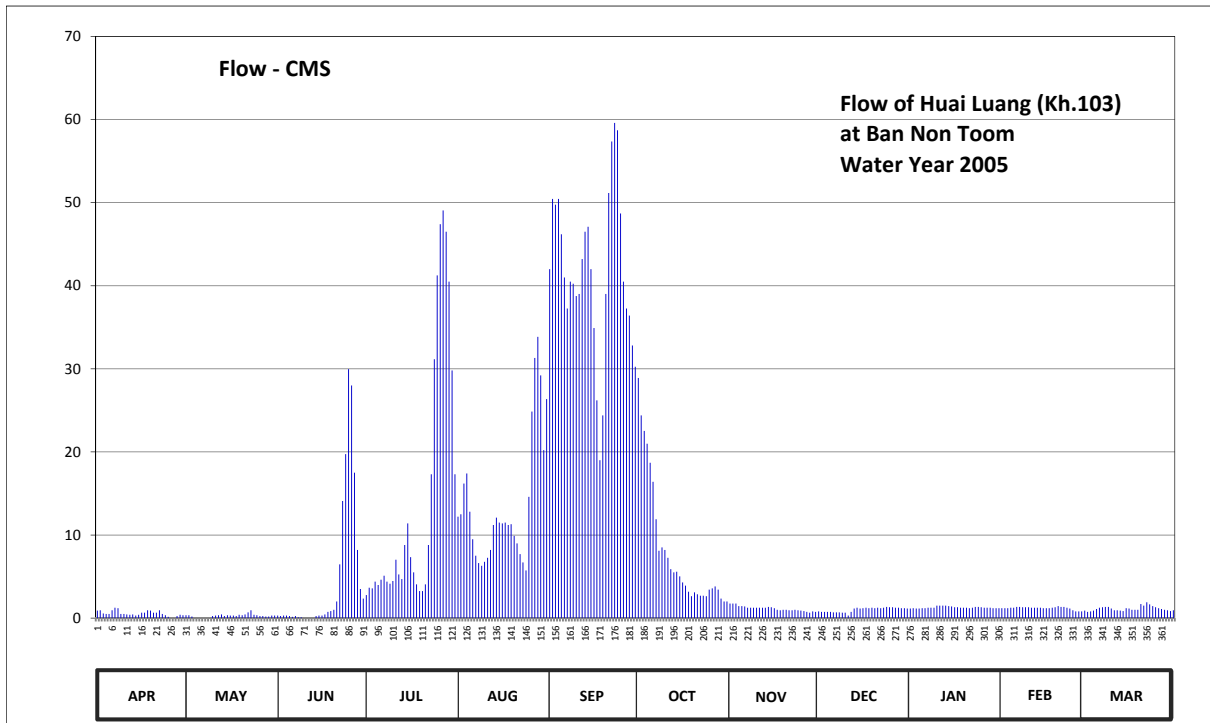
Lat 17 - 28 - 56 N Long 102 - 47 - 49 E

Location : on right bank at the bridge on highway.

	Ban Non Toom	Amphoe Mueang	Changwat Udon Thani
Drainage Area	1,235 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+166.500 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank downstream side at the footpath of the bridge.	Elevation	+172.486 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings.		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 39 discharge measurements made in 2005.		

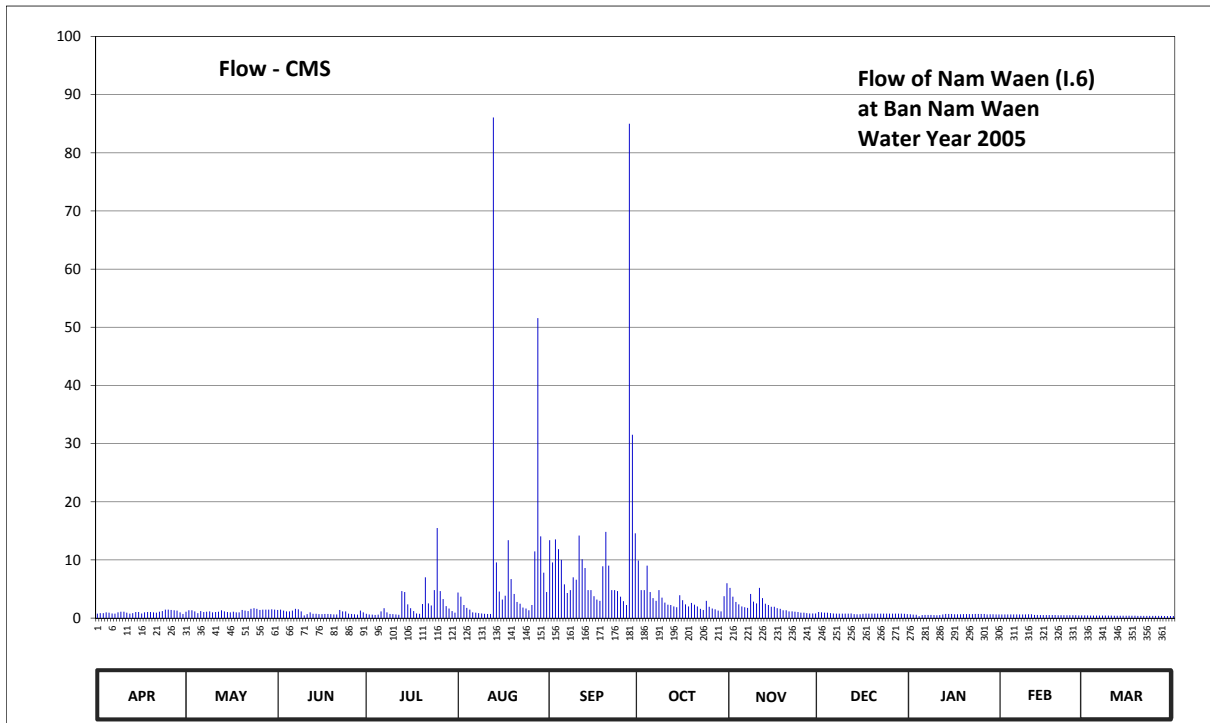
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	166.98	166.87	166.86	167.31	168.37	170.50	169.76	167.15	166.96	167.03	167.04	166.98	
2	166.99	166.87	166.85	167.42	168.40	170.77	169.46	167.15	166.95	167.04	167.04	166.95	
3	166.91	166.84	166.86	167.41	168.77	170.75	169.33	167.15	166.95	167.03	167.04	166.96	
4	166.90	166.79	166.86	167.51	168.89	170.77	169.22	167.09	166.95	167.03	167.05	166.98	
5	166.90	166.76	166.85	167.46	168.43	170.64	169.02	167.09	166.95	167.04	167.05	167.02	
6	166.99	166.70	166.83	167.54	168.10	170.46	168.79	167.08	166.94	167.04	167.07	167.05	
7	167.05	166.70	166.85	167.60	167.90	170.31	168.34	167.05	166.94	167.05	167.07	167.06	
8	167.04	166.70	166.82	167.51	167.79	170.44	167.96	167.05	166.94	167.05	167.06	167.07	
9	166.90	166.78	166.82	167.48	167.75	170.43	168.00	167.05	166.93	167.05	167.06	167.07	
10	166.90	166.85	166.80	167.52	167.81	170.37	167.97	167.05	166.93	167.10	167.06	167.03	
11	166.89	166.86	166.79	167.84	167.87	170.38	167.87	167.05	166.86	167.10	167.05	166.99	
12	166.88	166.87	166.79	167.62	167.97	170.54	167.70	167.05	166.95	167.10	167.05	166.99	
13	166.89	166.89	166.80	167.55	168.27	170.65	167.65	167.05	167.03	167.10	167.05	166.98	
14	166.86	166.85	166.85	168.03	168.36	170.67	167.66	167.07	167.05	167.09	167.05	166.97	
15	166.88	166.87	166.86	168.29	168.30	170.50	167.59	167.06	167.03	167.08	167.04	167.04	
16	166.93	166.86	166.86	167.88	168.29	170.16	167.50	167.04	167.04	167.06	167.04	167.03	
17	166.93	166.86	166.89	167.65	168.30	169.58	167.45	167.00	167.05	167.06	167.04	167.00	
18	166.99	166.85	166.95	167.47	168.27	169.05	167.36	166.99	167.04	167.05	167.05	167.00	
19	166.98	166.88	166.97	167.37	168.28	169.46	167.29	167.00	167.05	167.05	167.06	167.00	
20	166.93	166.87	167.00	167.37	168.14	170.38	167.35	167.00	167.04	167.05	167.09	167.14	
21	166.93	166.89	167.20	167.47	168.05	170.79	167.32	166.99	167.05	167.04	167.07	167.10	
22	166.99	166.94	167.77	168.03	167.92	170.93	167.30	166.99	167.04	167.05	167.07	167.18	
23	166.90	166.99	168.56	168.88	167.80	170.98	167.30	167.00	167.05	167.07	167.05	167.13	
24	166.87	166.88	169.12	169.91	167.68	170.96	167.29	166.99	167.07	167.07	167.03	167.09	
25	166.83	166.87	169.83	170.47	168.61	170.72	167.39	166.98	167.06	167.06	166.99	167.06	
26	166.80	166.85	169.70	170.68	169.49	170.44	167.41	166.97	167.06	167.05	166.96	167.04	
27	166.80	166.85	168.90	170.73	169.92	170.31	167.44	166.95	167.05	167.05	166.96	167.02	
28	166.85	166.84	167.97	170.65	170.09	170.26	167.39	166.93	167.05	167.05	166.96	167.00	
29	166.88	166.84	167.40	170.44	169.78	170.02	167.25	166.96	167.04	167.04	167.04	166.99	
30	166.87	166.86	167.25	169.82	169.16	169.85	167.20	166.95	167.04	167.04	167.04	166.97	
31		166.86		168.88	169.59		167.20		167.03	167.04		166.99	
Mean	166.91	166.84	167.36	168.32	168.46	170.40	167.86	167.03	167.00	167.06	167.04	167.03	
Max	167.05	166.99	169.83	170.73	170.09	170.98	169.76	167.15	167.07	167.10	167.09	167.18	170.98
Min	166.80	166.70	166.79	167.31	167.68	169.05	167.20	166.93	166.86	167.03	166.96	166.95	166.70
Annual Max Momentary Gage Height	171.00		m. (MSL.) ,				at 18.00 Hours ,						on Sep 23 , 2005
Zero Gage at Bottom Elevation	166.50		m. (MSL.) ,			River Bed	166.79		m. (MSL.)				
Left Bank Elevation		172.61		m. (MSL.) ,									
Right Bank Elevation		172.23		m. (MSL.) ,		Drainage Are	1,235		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.90	0.35	0.30	2.78	12.20	42.00	28.90	1.75	0.80	1.15	1.20	0.90	
2	0.95	0.35	0.25	3.66	12.50	50.45	24.40	1.75	0.75	1.20	1.20	0.75	
3	0.55	0.20	0.30	3.58	16.20	49.75	22.52	1.75	0.75	1.15	1.20	0.80	
4	0.50	0.00	0.30	4.38	17.40	50.45	20.98	1.45	0.75	1.15	1.25	0.90	
5	0.50	0.00	0.25	3.98	12.80	46.20	18.70	1.45	0.75	1.20	1.25	1.10	
6	0.95	0.00	0.15	4.62	9.50	41.00	16.40	1.40	0.70	1.20	1.35	1.25	
7	1.25	0.00	0.25	5.10	7.50	37.25	11.90	1.25	0.70	1.25	1.35	1.30	
8	1.20	0.00	0.10	4.38	6.62	40.50	8.10	1.25	0.70	1.25	1.30	1.35	
9	0.50	0.00	0.10	4.14	6.30	40.25	8.50	1.25	0.65	1.25	1.30	1.35	
10	0.50	0.25	0.00	4.46	6.78	38.75	8.20	1.25	0.65	1.50	1.30	1.15	
11	0.45	0.30	0.00	7.02	7.26	39.00	7.26	1.25	0.30	1.50	1.25	0.95	
12	0.40	0.35	0.00	5.26	8.20	43.20	5.90	1.25	0.75	1.50	1.25	0.95	
13	0.45	0.45	0.00	4.70	11.20	46.50	5.50	1.25	1.15	1.50	1.25	0.90	
14	0.30	0.25	0.25	8.80	12.10	47.10	5.58	1.35	1.25	1.45	1.25	0.85	
15	0.40	0.35	0.30	11.40	11.50	42.00	5.02	1.30	1.15	1.40	1.20	1.20	
16	0.65	0.30	0.30	7.34	11.40	34.90	4.30	1.20	1.20	1.30	1.20	1.15	
17	0.65	0.30	0.45	5.50	11.50	26.20	3.90	1.00	1.25	1.30	1.20	1.00	
18	0.95	0.25	0.75	4.06	11.20	19.00	3.18	0.95	1.20	1.25	1.25	1.00	
19	0.90	0.40	0.85	3.26	11.30	24.40	2.63	1.00	1.25	1.25	1.30	1.00	
20	0.65	0.35	1.00	3.26	9.90	39.00	3.10	1.00	1.20	1.25	1.45	1.70	
21	0.65	0.45	2.00	4.06	9.00	51.15	2.86	0.95	1.25	1.20	1.35	1.50	
22	0.95	0.70	6.46	8.80	7.70	57.35	2.70	0.95	1.20	1.25	1.35	1.90	
23	0.50	0.95	14.10	17.30	6.70	59.60	2.70	1.00	1.25	1.35	1.25	1.65	
24	0.35	0.40	19.74	31.15	5.74	58.70	2.63	0.95	1.35	1.35	1.15	1.45	
25	0.15	0.35	29.95	41.25	14.60	48.70	3.42	0.90	1.30	1.30	0.95	1.30	
26	0.00	0.25	28.00	47.40	24.85	40.50	3.58	0.85	1.30	1.25	0.80	1.20	
27	0.00	0.25	17.50	49.05	31.30	37.25	3.82	0.75	1.25	1.25	0.80	1.10	
28	0.25	0.20	8.20	46.50	33.85	36.40	3.42	0.65	1.25	1.25	0.80	1.00	
29	0.40	0.20	3.50	40.50	29.20	32.80	2.35	0.80	1.20	1.20		0.95	
30	0.35	0.30	2.35	29.80	20.22	30.25	2.00	0.75	1.20	1.20		0.85	
31		0.30		17.30	26.35		2.00		1.15	1.20		0.95	
Total	17.20	8.80	137.70	434.79	422.87	1250.60	246.45	34.65	31.60	39.80	33.75	35.40	2693.61
Mean	0.57	0.28	4.59	14.03	13.64	41.69	7.95	1.16	1.02	1.28	1.21	1.14	7.38
Max	1.25	0.95	29.95	49.05	33.85	59.60	28.90	1.75	1.35	1.50	1.45	1.90	59.60
Min	0.00	0.00	0.00	2.78	5.74	19.00	2.00	0.65	0.30	1.15	0.80	0.75	0.00
Runoff	1.49	0.76	11.90	37.57	36.54	108.05	21.29	2.99	2.73	3.44	2.92	3.06	232.73
Momentary Peak	60.50 CMS. at 171.00 m. (MSL.) at 18.00 Hours , on Sep 23 , 2005												
Runoff Yield	5.98 Liters/Second/Square KM.			Momentary Peak Yield			48,988 Liters/Second/Square KM.						



Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.78	1.10	1.40	0.74	4.40	13.40	9.90	5.20	1.04	0.66	0.62	0.46	
2	0.86	1.34	1.46	0.64	3.68	9.57	4.80	3.68	0.98	0.60	0.62	0.46	
3	0.86	1.34	1.28	0.60	2.24	13.53	4.80	2.78	0.92	0.58	0.62	0.45	
4	0.98	1.16	1.16	0.54	1.76	11.84	9.02	2.36	0.92	0.34	0.64	0.45	
5	0.92	0.86	1.16	0.60	1.46	10.01	4.48	2.00	0.86	0.52	0.62	0.45	
6	0.80	1.22	1.28	1.16	0.98	5.80	3.44	1.88	0.80	0.54	0.62	0.44	
7	0.78	1.04	1.58	1.70	0.92	4.32	2.96	1.76	0.78	0.56	0.62	0.44	
8	0.98	1.10	1.52	0.98	0.86	4.80	4.80	4.16	0.78	0.56	0.62	0.43	
9	1.10	1.16	1.16	0.72	0.80	7.00	3.52	2.84	0.76	0.52	0.64	0.43	
10	1.10	0.98	0.46	0.68	0.74	6.60	2.66	2.54	0.76	0.50	0.66	0.43	
11	0.92	1.04	0.68	0.62	0.70	14.18	2.30	5.20	0.78	0.52	0.66	0.42	
12	0.78	1.10	0.98	0.58	0.72	10.12	2.24	3.44	0.80	0.64	0.54	0.42	
13	0.86	1.34	0.74	4.64	86.08	8.60	2.00	2.48	0.68	0.72	0.54	0.42	
14	1.04	1.16	0.74	4.48	9.57	4.80	1.88	2.24	0.66	0.72	0.53	0.41	
15	1.04	1.04	0.68	2.36	4.56	4.80	3.92	1.94	0.66	0.70	0.53	0.41	
16	0.80	0.98	0.68	1.70	3.20	3.76	3.08	1.94	0.74	0.66	0.52	0.40	
17	0.98	1.10	0.70	1.22	3.84	3.20	2.36	1.70	0.78	0.66	0.52	0.40	
18	1.04	0.98	0.70	0.80	13.40	2.96	2.00	1.58	0.76	0.66	0.51	0.40	
19	1.04	0.98	0.68	0.74	6.70	8.91	2.60	1.34	0.76	0.68	0.51	0.39	
20	0.98	1.40	0.64	2.42	4.16	14.83	2.30	1.34	0.76	0.68	0.50	0.39	
21	0.92	1.28	0.62	7.00	2.78	9.02	2.00	1.16	0.76	0.68	0.50	0.39	
22	1.10	1.22	1.40	2.54	2.48	4.80	1.58	1.16	0.76	0.68	0.49	0.38	
23	1.22	1.58	1.16	2.18	1.82	4.80	1.40	1.10	0.76	0.70	0.49	0.38	
24	1.46	1.70	1.16	4.80	1.64	4.64	2.96	1.04	0.76	0.70	0.48	0.38	
25	1.46	1.58	0.78	15.48	1.34	3.68	1.94	0.92	0.76	0.70	0.48	0.37	
26	1.40	1.40	0.72	4.64	2.24	2.90	1.64	0.92	0.76	0.70	0.48	0.37	
27	1.34	1.46	0.66	3.28	11.48	2.24	1.52	0.86	0.78	0.64	0.47	0.37	
28	1.28	1.46	0.60	2.06	51.58	85.00	1.28	0.80	0.78	0.66	0.47	0.36	
29	0.98	1.46	1.28	1.64	14.05	31.52	1.16	0.80	0.76	0.66		0.36	
30	0.72	1.52	0.98	1.22	7.80	14.57	3.76	0.80	0.74	0.64		0.36	
31		1.46		0.92	4.48		6.00		0.68	0.64		0.35	
Total	30.52	38.54	29.04	73.68	252.46	326.20	100.30	61.96	24.28	19.42	15.50	12.57	984.47 CMSDAY
Mean	1.02	1.24	0.97	2.38	8.14	10.87	3.24	2.07	0.78	0.63	0.55	0.41	2.70 CMS
Max	1.46	1.70	1.58	15.48	86.08	85.00	9.90	5.20	1.04	0.72	0.66	0.46	86.08 CMS
Min	0.72	0.86	0.46	0.54	0.70	2.24	1.16	0.80	0.66	0.34	0.47	0.35	0.34 CMS
Runoff	2.64	3.33	2.51	6.37	21.81	28.18	8.67	5.35	2.10	1.68	1.34	1.09	85.06 MCM
Momentary Peak	150.04	CMS.	at 6.38 m. (A.D.)	at 19.00 Hours ,	on Sep 28 , 2005								
Runoff Yield	17.86	Liters/Second/Square KM.		Momentary Peak Yield	993.642	Liters/Second/Square KM.							

WATER YEAR : 2005

NAM MAE ING RIVER BASIN

Nam Mae Ing at Ban Nam Ing , Chiang Rai (I.14)

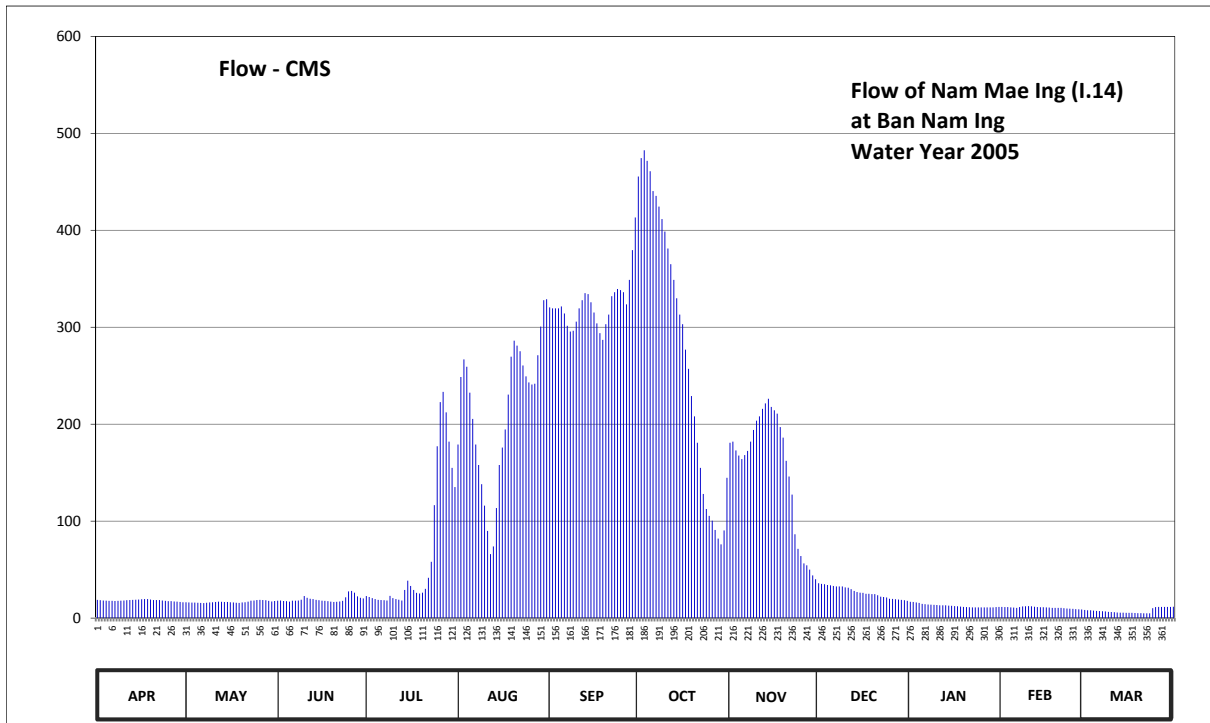
Lat 19 - 49 - 56 N Long 100 - 12 - 15 E

Location : on right bank at the bridge on the road about 2 kilometers from Amphoe Khun Tan.

	Ban Nam Ing	Amphoe Khun Tan	Changwat Chiang Rai
Drainage Area	6,266 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+351.430 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank downstream side at the approach of the bridge.	Elevation	+361.805 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1993 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by the local weir about 100 meters downstream from the gage site. Stage-discharge relation defined by 47 discharge measurements made in 2005.		

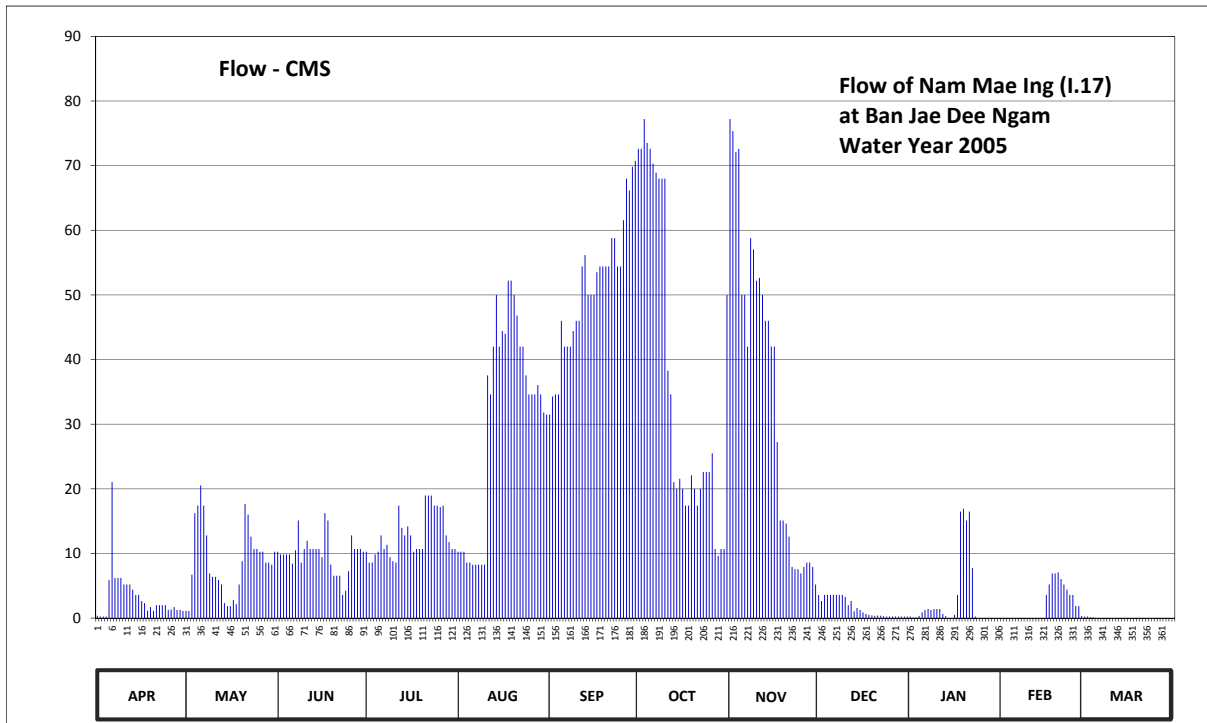
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	353.14	353.02	353.10	353.29	356.55	358.50	359.45	356.58	353.73	353.04	352.68	352.45	
2	353.12	353.01	353.11	353.26	357.61	358.49	359.52	356.60	353.71	353.03	352.67	352.43	
3	353.11	353.00	353.08	353.22	357.87	358.49	359.55	356.45	353.70	353.01	352.66	352.42	
4	353.10	353.00	353.07	353.18	357.76	358.49	359.51	356.36	353.67	352.97	352.64	352.40	
5	353.09	352.99	353.05	353.14	357.38	358.51	359.47	356.30	353.66	352.90	352.63	352.38	
6	353.09	352.97	353.10	353.13	356.99	358.44	359.39	356.37	353.64	352.88	352.61	352.36	
7	353.08	352.96	353.10	353.12	356.55	358.30	359.36	356.44	353.62	352.86	352.66	352.35	
8	353.09	352.99	353.11	353.11	356.20	358.23	359.29	356.60	353.62	352.85	352.71	352.34	
9	353.10	353.01	353.15	353.30	355.87	358.24	359.21	356.80	353.62	352.83	352.73	352.31	
10	353.11	353.02	353.29	353.22	355.48	358.35	359.13	356.96	353.59	352.82	352.74	352.29	
11	353.12	353.03	353.23	353.18	354.96	358.49	359.02	357.03	353.58	352.80	352.72	352.28	
12	353.13	353.05	353.20	353.15	354.48	358.57	358.90	357.14	353.53	352.80	352.69	352.26	
13	353.14	353.04	353.18	353.11	354.64	358.64	358.77	357.22	353.47	352.79	352.67	352.25	
14	353.15	353.03	353.14	353.50	355.43	358.63	358.59	357.29	353.43	352.77	352.65	352.25	
15	353.16	353.03	353.12	353.82	356.20	358.55	358.43	357.17	353.41	352.76	352.65	352.24	
16	353.17	353.02	353.10	353.64	356.50	358.45	358.32	357.12	353.40	352.74	352.64	352.23	
17	353.18	353.01	353.09	353.50	356.81	358.33	358.01	357.07	353.37	352.72	352.63	352.23	
18	353.18	352.99	353.07	353.40	357.35	358.21	357.73	356.85	353.37	352.70	352.61	352.22	
19	353.16	352.97	353.05	353.38	357.91	358.13	357.33	356.67	353.36	352.68	352.60	352.21	
20	353.13	353.01	353.03	353.41	358.12	358.32	357.03	356.27	353.36	352.66	352.60	352.21	
21	353.13	353.02	353.04	353.54	358.06	358.43	356.58	356.00	353.32	352.65	352.60	352.20	
22	353.13	353.05	353.06	353.92	357.99	358.61	356.15	355.69	353.27	352.64	352.58	352.20	
23	353.11	353.10	353.09	354.32	357.78	358.65	355.70	354.89	353.26	352.64	352.56	352.20	
24	353.09	353.11	353.25	355.49	357.62	358.68	355.41	354.59	353.24	352.64	352.54	352.58	
25	353.07	353.13	353.45	356.52	357.53	358.67	355.27	354.44	353.20	352.64	352.53	352.67	
26	353.07	353.14	353.47	357.24	357.50	358.65	355.17	354.29	353.19	352.64	352.51	352.68	
27	353.06	353.13	353.41	357.39	357.51	358.53	354.98	354.25	353.17	352.64	352.50	352.68	
28	353.05	353.12	353.28	357.09	357.93	358.77	354.80	354.15	353.16	352.64	352.48	352.68	
29	353.03	353.09	353.23	356.60	358.29	359.01	354.68	354.00	353.14	352.64		352.68	
30	353.02	353.06	353.21	356.15	358.57	359.22	354.97	353.87	353.12	352.66		352.68	
31		353.08		355.82	358.58		355.98		353.09	352.68		352.69	
Mean	353.11	353.04	353.16	354.20	357.03	358.52	357.60	356.05	353.42	352.77	352.62	352.39	
Max	353.18	353.14	353.47	357.39	358.58	359.22	359.55	357.29	353.73	353.04	352.74	352.69	359.55
Min	353.02	352.96	353.03	353.11	354.48	358.13	354.68	353.87	353.09	352.64	352.48	352.20	352.20
Annual Max Momentary Gage Height	359.55		m. (MSL.) ,			at 12.00 Hours ,	on Oct 3 , 2005						
Zero Gage at Bottom Elevation	351.43		m. (MSL.) ,			River Bed	351.27	m. (MSL.)					
Left Bank Elevation	362.02		m. (MSL.) ,										
Right Bank Elevation	360.04		m. (MSL.) ,			Drainage Are	6,266	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	18.80	16.40	18.00	22.70	179.00	320.50	455.51	180.80	35.90	16.80	11.58	8.41		
2	18.40	16.20	18.20	21.80	248.70	319.45	474.40	182.00	35.30	16.60	11.45	8.13		
3	18.20	16.00	17.60	20.60	266.90	319.45	482.50	173.00	35.00	16.20	11.31	8.00		
4	18.00	16.00	17.40	19.60	259.20	319.45	471.70	167.60	34.10	15.59	11.03	7.72		
5	17.80	15.86	17.00	18.80	232.60	321.55	460.90	164.00	33.80	14.62	10.89	7.44		
6	17.80	15.59	18.00	18.60	205.40	314.20	440.40	168.20	33.20	14.34	10.62	7.17		
7	17.60	15.45	18.00	18.40	179.00	301.50	435.60	172.40	32.60	14.07	11.31	7.03		
8	17.80	15.86	18.20	18.20	158.00	295.55	424.40	182.00	32.60	13.93	12.00	6.89		
9	18.00	16.20	19.00	23.00	138.20	296.40	411.60	194.00	32.60	13.65	12.27	6.48		
10	18.20	16.40	22.70	20.60	116.00	305.75	398.80	203.60	31.70	13.52	12.41	6.20		
11	18.40	16.60	20.90	19.60	90.00	319.45	381.20	208.10	31.40	13.24	12.14	6.06		
12	18.60	17.00	20.00	19.00	66.00	327.85	365.00	215.80	29.90	13.24	11.72	5.79		
13	18.80	16.80	19.60	18.20	74.00	335.20	348.85	221.40	28.10	13.24	11.45	5.65		
14	19.00	16.60	18.80	29.00	113.50	334.15	329.95	226.30	26.90	12.83	11.17	5.65		
15	19.20	16.60	18.40	38.60	158.00	325.75	313.15	217.90	26.30	12.69	11.17	5.51		
16	19.40	16.40	18.00	33.20	176.00	315.25	303.20	214.40	26.00	12.41	11.03	5.37		
17	19.60	16.20	17.80	29.00	194.60	304.05	276.85	210.90	25.10	12.14	10.89	5.37		
18	19.60	15.86	17.40	26.00	230.50	293.85	257.10	197.00	25.10	11.86	10.62	5.24		
19	19.20	15.59	17.00	25.40	269.70	287.05	229.10	186.20	24.80	11.58	10.48	5.10		
20	18.60	16.20	16.60	26.30	286.20	303.20	208.10	162.20	24.80	11.31	10.48	5.10		
21	18.60	16.40	16.80	30.20	281.10	313.15	180.80	146.00	23.60	11.17	10.48	4.96		
22	18.60	17.00	17.20	41.60	275.30	332.05	155.00	127.40	22.10	11.03	10.20	4.96		
23	18.20	18.00	17.80	58.00	260.60	336.25	128.00	86.50	21.80	11.03	9.93	4.96		
24	17.80	18.20	21.50	116.50	249.40	339.40	112.50	71.50	21.20	11.03	9.79	10.20		
25	17.40	18.60	27.50	177.20	243.10	338.35	105.50	64.00	20.00	11.03	9.51	11.45		
26	17.40	18.80	28.10	222.80	241.00	336.25	100.50	56.50	19.80	11.03	9.24	11.58		
27	17.20	18.60	26.30	233.30	241.70	323.65	91.00	54.50	19.40	11.03	9.10	11.58		
28	17.00	18.40	22.40	212.30	271.10	348.85	82.00	50.00	19.20	11.03	8.82	11.58		
29	16.60	17.80	20.90	182.00	300.65	379.60	76.00	44.00	18.80	11.03		11.58		
30	16.40	17.20	20.30	155.00	327.85	413.20	90.50	40.10	18.40	11.31		11.58		
31		17.60		135.20	328.90		144.80		17.80	11.58		11.72		
Total	546.20	520.41	587.40	2030.70	6662.20	9720.35	8734.91	4588.30	827.30	396.16	303.09	234.46	35151.48	CMSDAY
Mean	18.21	16.79	19.58	65.51	214.91	324.01	281.77	152.94	26.69	12.78	10.82	7.56	96.31	CMS
Max	19.60	18.80	28.10	233.30	328.90	413.20	482.50	226.30	35.90	16.80	12.41	11.72	482.50	CMS
Min	16.40	15.45	16.60	18.20	66.00	287.05	76.00	40.10	17.80	11.03	8.82	4.96	4.96	CMS
Runoff	47.19	44.96	50.75	175.45	575.61	839.84	754.70	396.43	71.48	34.23	26.19	20.26	3037.09	MCM
Momentary Peak	482.50 CMS. at 359.55 m. (MSL.) at 12.00 Hours , on Oct 3 , 2005													
Runoff Yield	15.37 Liters/Second/Square KM.			Momentary Peak Yield				77.003 Liters/Second/Square KM.						



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.38	1.10	10.28	10.28	10.28	31.50	72.60	77.20	3.60	0.25	0.00	0.25	
2	0.25	1.10	9.86	8.60	10.28	34.29	72.60	75.36	2.64	0.13	0.00	0.25	
3	0.25	6.73	9.86	8.60	10.28	34.60	77.20	72.14	3.60	0.13	0.00	0.18	
4	0.25	16.25	9.86	9.86	8.60	34.60	73.52	72.60	3.60	0.35	0.00	0.10	
5	5.88	17.40	9.86	10.28	8.60	46.00	72.60	50.00	3.60	0.88	0.00	0.00	
6	21.04	20.52	8.43	12.80	8.26	42.00	70.30	50.00	3.60	1.25	0.00	0.00	
7	6.22	17.40	10.49	10.70	8.26	42.00	68.92	42.00	3.60	1.40	0.00	0.00	
8	6.22	12.80	15.10	11.33	8.26	42.00	68.00	58.80	3.60	1.25	0.00	0.00	
9	6.22	6.90	8.60	9.44	8.26	44.40	68.00	57.04	3.60	1.40	0.00	0.00	
10	5.20	6.39	10.70	8.81	8.26	46.00	68.00	52.20	3.28	1.40	0.00	0.00	
11	5.20	6.39	11.96	8.60	37.56	46.00	38.30	52.64	2.00	1.40	0.00	0.00	
12	5.20	5.88	10.70	17.40	34.60	54.40	34.60	50.00	2.64	0.65	0.00	0.00	
13	4.40	5.20	10.70	13.95	42.00	56.16	21.04	46.00	1.03	0.30	0.00	0.00	
14	3.60	2.32	10.70	12.80	50.00	50.00	20.00	46.00	1.55	0.00	0.00	0.00	
15	3.60	1.85	10.70	14.18	42.00	50.00	21.56	42.00	1.25	0.00	0.00	0.00	
16	2.64	1.85	9.44	12.80	44.40	50.00	20.00	42.00	0.88	0.50	3.60	0.00	
17	2.32	2.80	16.25	10.28	44.00	53.52	17.40	27.24	0.65	3.60	5.20	0.00	
18	1.17	2.16	15.10	10.70	52.20	54.40	17.40	15.10	0.50	16.48	6.90	0.00	
19	1.70	5.20	8.26	10.70	52.20	54.40	22.08	15.10	0.43	16.94	6.90	0.00	
20	1.10	8.81	6.56	10.70	50.00	54.40	20.00	14.64	0.38	15.10	7.07	0.00	
21	2.00	17.66	6.56	18.96	46.80	54.40	17.40	12.59	0.40	16.48	6.05	0.00	
22	2.00	16.02	6.56	18.96	42.00	58.80	20.00	7.92	0.38	7.75	5.20	0.00	
23	2.00	12.59	3.60	18.96	42.00	58.80	22.60	7.58	0.30	0.25	4.40	0.00	
24	2.00	10.70	4.24	17.40	37.56	54.40	22.60	7.58	0.25	0.00	3.60	0.00	
25	1.25	10.70	7.24	17.40	34.60	54.40	22.60	6.90	0.25	0.00	3.60	0.00	
26	1.33	10.28	12.80	17.17	34.60	61.56	25.50	7.92	0.25	0.00	1.85	0.00	
27	1.70	10.28	10.70	17.40	34.60	68.00	10.70	8.60	0.25	0.00	1.85	0.00	
28	1.25	8.60	10.70	12.80	36.08	66.16	9.65	8.60	0.25	0.00	0.35	0.00	
29	1.25	8.60	10.70	11.75	34.60	69.84	10.70	7.92	0.25	0.00	0.00	0.00	
30	1.10	8.26	10.28	10.70	31.81	70.76	10.70	5.20	0.25	0.00	0.00	0.00	
31		10.28		10.70	31.50		50.00		0.25	0.00		0.00	
Total	98.72	273.02	296.79	395.01	944.45	1537.79	1166.57	1038.87	49.11	87.89	56.57	0.78	5945.57 CMSDAY
Mean	3.29	8.81	9.89	12.74	30.47	51.26	37.63	34.63	1.58	2.84	2.02	0.03	16.29 CMS
Max	21.04	20.52	16.25	18.96	52.20	70.76	77.20	77.20	3.60	16.94	7.07	0.25	77.20 CMS
Min	0.25	1.10	3.60	8.60	8.26	31.50	9.65	5.20	0.25	0.00	0.00	0.00	0.00 CMS
Runoff	8.53	23.59	25.64	34.13	81.60	132.87	100.79	89.76	4.24	7.59	4.89	0.07	513.70 MCM
Momentary Peak	77.20	CMS.	at 2.80 m. (A.D.)	at 06.00 Hours	, on Oct 3, 2005								
Runoff Yield	13.96	Liters/Second/Square KM.			Momentary Peak Yield	66.153	Liters/Second/Square KM.						

WATER YEAR : 2005

NAM MAE KOK RIVER BASIN

Nam Mae Kon at Ban Pang Rim Kon , Chiang Rai (G.4)

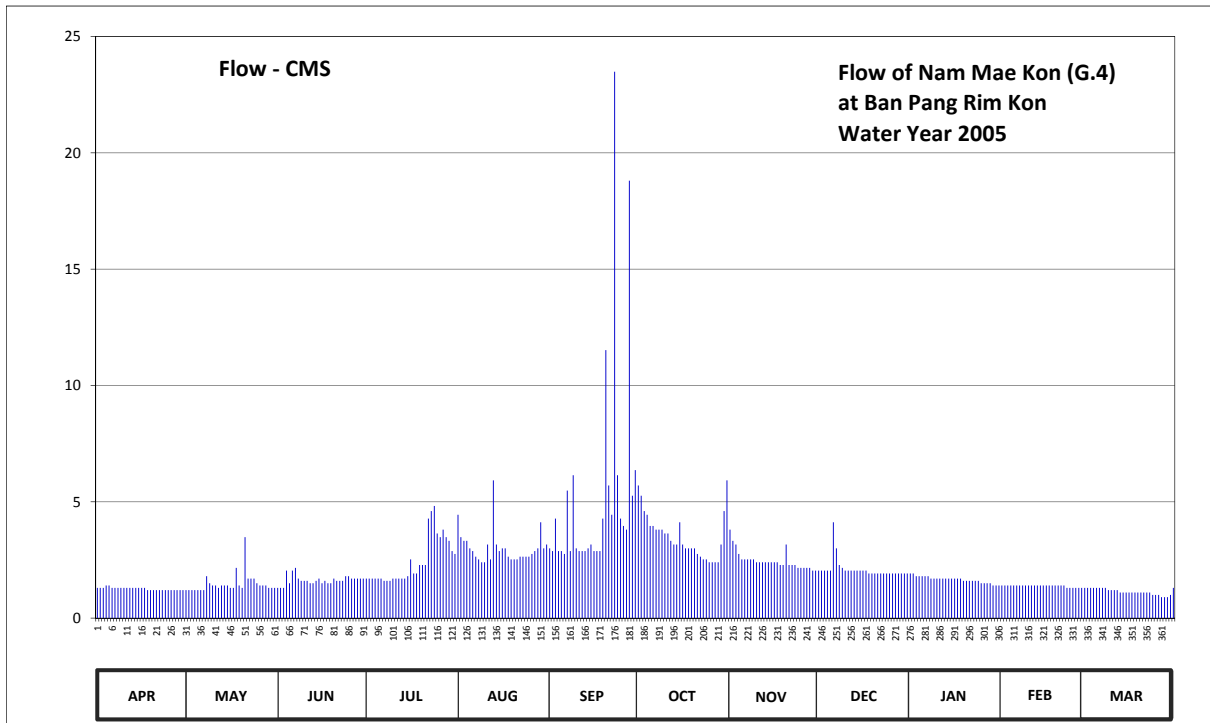
Lat 19 - 50 - 23 N Long 99 - 40 - 27 E

Location : on left bank at Ban Pang Rim Kon.

	Ban	Pang Rim Kon	Amphoe	Mueang	Changwat	Chiang Rai
Drainage Area	49	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+461.700 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 66.50 meters from the top staff gage.				Elevation	+465.100 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings					
Period of Available Gage Records	1983 to date					
Rating Operation						
Period of Rating	2000 to date					
Rated by Flot	-					
Rated by Current Meter	2000 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +463.760 m.(M.S.L.)and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 46 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	462.35	462.34	462.35	462.39	462.59	462.50	462.65	462.55	462.42	462.41	462.36	462.35	
2	462.35	462.34	462.35	462.39	462.53	462.49	462.63	462.52	462.42	462.41	462.36	462.35	
3	462.35	462.34	462.35	462.39	462.52	462.58	462.60	462.51	462.42	462.40	462.36	462.35	
4	462.36	462.34	462.42	462.39	462.52	462.49	462.59	462.48	462.42	462.40	462.36	462.35	
5	462.36	462.34	462.37	462.39	462.50	462.49	462.56	462.46	462.42	462.40	462.36	462.35	
6	462.35	462.34	462.42	462.39	462.49	462.48	462.56	462.46	462.57	462.40	462.36	462.35	
7	462.35	462.34	462.43	462.38	462.47	462.64	462.55	462.46	462.50	462.40	462.36	462.35	
8	462.35	462.40	462.39	462.38	462.46	462.49	462.55	462.46	462.44	462.39	462.36	462.35	
9	462.35	462.37	462.38	462.38	462.45	462.67	462.55	462.46	462.43	462.39	462.36	462.34	
10	462.35	462.36	462.38	462.39	462.45	462.50	462.54	462.45	462.42	462.39	462.36	462.34	
11	462.35	462.36	462.38	462.39	462.51	462.49	462.54	462.45	462.42	462.39	462.36	462.34	
12	462.35	462.35	462.37	462.39	462.46	462.49	462.52	462.45	462.42	462.39	462.36	462.34	
13	462.35	462.36	462.37	462.39	462.66	462.49	462.51	462.45	462.42	462.39	462.36	462.33	
14	462.35	462.36	462.38	462.39	462.51	462.50	462.51	462.45	462.42	462.39	462.36	462.33	
15	462.35	462.36	462.39	462.40	462.49	462.51	462.57	462.45	462.42	462.39	462.36	462.33	
16	462.35	462.35	462.37	462.46	462.50	462.49	462.51	462.45	462.42	462.39	462.36	462.33	
17	462.35	462.35	462.38	462.41	462.50	462.49	462.50	462.45	462.42	462.39	462.36	462.33	
18	462.34	462.43	462.37	462.41	462.47	462.49	462.50	462.44	462.41	462.39	462.36	462.33	
19	462.34	462.36	462.37	462.44	462.46	462.58	462.50	462.44	462.41	462.38	462.36	462.33	
20	462.34	462.35	462.39	462.44	462.46	462.86	462.50	462.51	462.41	462.38	462.36	462.33	
21	462.34	462.53	462.38	462.44	462.46	462.65	462.48	462.44	462.41	462.38	462.36	462.33	
22	462.34	462.39	462.38	462.58	462.47	462.59	462.47	462.44	462.41	462.38	462.36	462.33	
23	462.34	462.39	462.38	462.60	462.47	463.17	462.46	462.44	462.41	462.38	462.35	462.33	
24	462.34	462.39	462.40	462.61	462.47	462.67	462.46	462.43	462.41	462.38	462.35	462.32	
25	462.34	462.37	462.40	462.54	462.47	462.58	462.45	462.43	462.41	462.37	462.35	462.32	
26	462.34	462.36	462.39	462.53	462.48	462.56	462.45	462.43	462.41	462.37	462.35	462.32	
27	462.34	462.36	462.39	462.55	462.49	462.55	462.45	462.43	462.41	462.37	462.35	462.31	
28	462.34	462.36	462.39	462.53	462.50	463.06	462.45	462.43	462.41	462.37	462.35	462.31	
29	462.34	462.35	462.39	462.52	462.57	462.63	462.51	462.42	462.41	462.36	462.35	462.31	
30	462.34	462.35	462.39	462.49	462.50	462.68	462.60	462.42	462.41	462.36	462.35	462.32	
31		462.35		462.48	462.51		462.66		462.41	462.36		462.35	
Mean	462.35	462.37	462.38	462.45	462.50	462.60	462.53	462.46	462.42	462.39	462.36	462.33	
Max	462.36	462.53	462.43	462.61	462.66	463.17	462.66	462.55	462.57	462.41	462.36	462.35	463.17
Min	462.34	462.34	462.35	462.38	462.45	462.48	462.45	462.42	462.41	462.36	462.35	462.31	462.31
Annual Max Momentary Gage Height	464.00		m. (MSL.) ,				at 07.00 Hours ,						
Zero Gage at Bottom Elevation	461.70		m. (MSL.) ,			River Bed	462.00		m. (MSL.)				
Left Bank Elevation	464.91		m. (MSL.) ,										
Right Bank Elevation	463.76		m. (MSL.) ,			Drainage Are	49		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.30	1.20	1.30	1.70	4.44	3.00	5.70	3.80	2.04	1.92	1.40	1.30	
2	1.30	1.20	1.30	1.70	3.48	2.88	5.26	3.32	2.04	1.92	1.40	1.30	
3	1.30	1.20	1.30	1.70	3.32	4.28	4.60	3.16	2.04	1.80	1.40	1.30	
4	1.40	1.20	2.04	1.70	3.32	2.88	4.44	2.76	2.04	1.80	1.40	1.30	
5	1.40	1.20	1.50	1.70	3.00	2.88	3.96	2.52	2.04	1.80	1.40	1.30	
6	1.30	1.20	2.04	1.70	2.88	2.76	3.96	2.52	4.12	1.80	1.40	1.30	
7	1.30	1.20	2.16	1.60	2.64	5.48	3.80	2.52	3.00	1.80	1.40	1.30	
8	1.30	1.80	1.70	1.60	2.52	2.88	3.80	2.52	2.28	1.70	1.40	1.30	
9	1.30	1.50	1.60	1.60	2.40	6.14	3.80	2.52	2.16	1.70	1.40	1.20	
10	1.30	1.40	1.60	1.70	2.40	3.00	3.64	2.40	2.04	1.70	1.40	1.20	
11	1.30	1.40	1.60	1.70	3.16	2.88	3.64	2.40	2.04	1.70	1.40	1.20	
12	1.30	1.30	1.50	1.70	2.52	2.88	3.32	2.40	2.04	1.70	1.40	1.20	
13	1.30	1.40	1.50	1.70	5.92	2.88	3.16	2.40	2.04	1.70	1.40	1.10	
14	1.30	1.40	1.60	1.70	3.16	3.00	3.16	2.40	2.04	1.70	1.40	1.10	
15	1.30	1.40	1.70	1.80	2.88	3.16	4.12	2.40	2.04	1.70	1.40	1.10	
16	1.30	1.30	1.50	2.52	3.00	2.88	3.16	2.40	2.04	1.70	1.40	1.10	
17	1.30	1.30	1.60	1.92	3.00	2.88	3.00	2.40	2.04	1.70	1.40	1.10	
18	1.20	2.16	1.50	1.92	2.64	2.88	3.00	2.28	1.92	1.70	1.40	1.10	
19	1.20	1.40	1.50	2.28	2.52	4.28	3.00	2.28	1.92	1.60	1.40	1.10	
20	1.20	1.30	1.70	2.28	2.52	11.52	3.00	3.16	1.92	1.60	1.40	1.10	
21	1.20	3.48	1.60	2.28	2.52	5.70	2.76	2.28	1.92	1.60	1.40	1.10	
22	1.20	1.70	1.60	4.28	2.64	4.44	2.64	2.28	1.92	1.60	1.40	1.10	
23	1.20	1.70	1.60	4.60	2.64	23.48	2.52	2.28	1.92	1.60	1.30	1.10	
24	1.20	1.70	1.80	4.82	2.64	6.14	2.52	2.16	1.92	1.60	1.30	1.00	
25	1.20	1.50	1.80	3.64	2.64	4.28	2.40	2.16	1.92	1.50	1.30	1.00	
26	1.20	1.40	1.70	3.48	2.76	3.96	2.40	2.16	1.92	1.50	1.30	1.00	
27	1.20	1.40	1.70	3.80	2.88	3.80	2.40	2.16	1.92	1.50	1.30	0.90	
28	1.20	1.40	1.70	3.48	3.00	18.80	2.40	2.16	1.92	1.50	1.30	0.90	
29	1.20	1.30	1.70	3.32	4.12	5.26	3.16	2.04	1.92	1.40	1.30	0.90	
30	1.20	1.30	1.70	2.88	3.00	6.36	4.60	2.04	1.92	1.40	1.30	1.00	
31		1.30		2.76	3.16		5.92		1.92	1.40		1.30	
Total	37.90	45.64	49.14	75.56	93.72	157.64	109.24	74.28	64.96	51.34	38.60	35.30	833.32 CMSDAY
Mean	1.26	1.47	1.64	2.44	3.02	5.25	3.52	2.48	2.10	1.66	1.38	1.14	2.28 CMS
Max	1.40	3.48	2.16	4.82	5.92	23.48	5.92	3.80	4.12	1.92	1.40	1.30	23.48 CMS
Min	1.20	1.20	1.30	1.60	2.40	2.76	2.40	2.04	1.92	1.40	1.30	0.90	0.90 CMS
Runoff	3.28	3.94	4.25	6.53	8.10	13.62	9.44	6.42	5.61	4.44	3.34	3.05	72.00 MCM
Momentary Peak	70.00	CMS. at 464.00 m. (MSL.) at 07.00 Hours , on Sep 28 , 2005											
Runoff Yield	46.59	Liters/Second/Square KM. Momentary Peak Yield 1428.571 Liters/Second/Square KM.											

WATER YEAR : 2005

NAM MAE KOK RIVER BASIN

Nam Mae Lao at Ban Ton Yang , Chiang Rai (G.8)

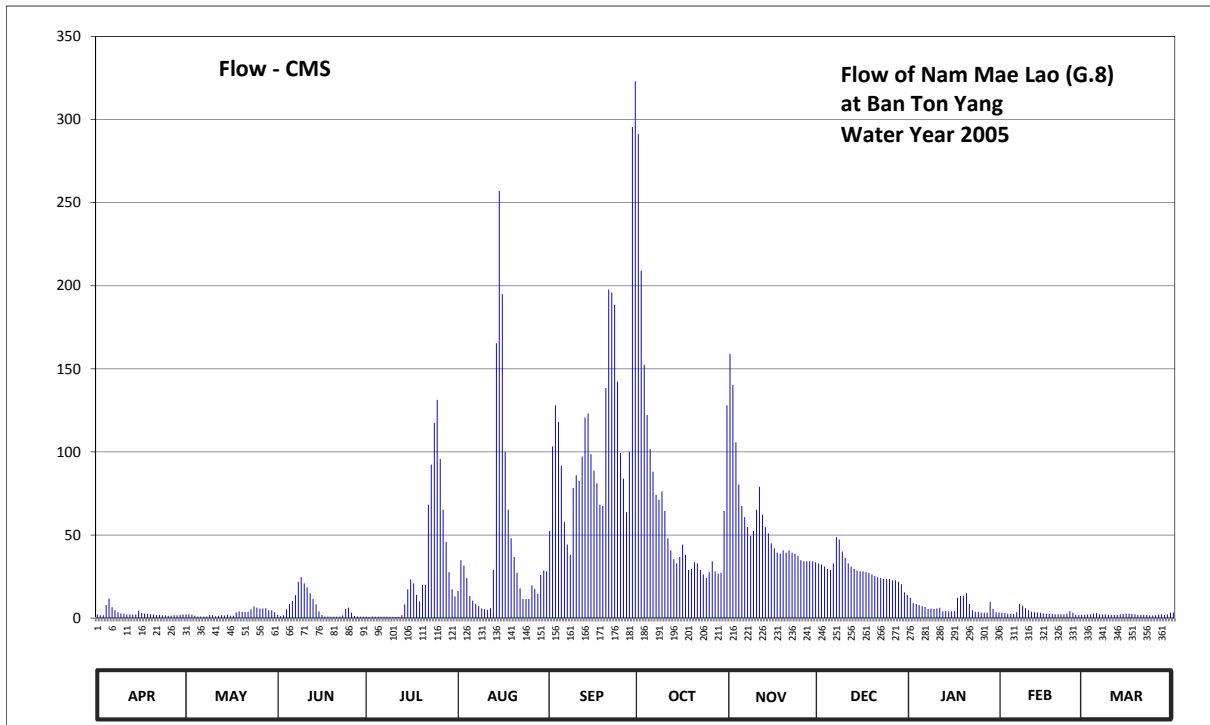
Lat 19 - 47 - 32 N Long 99 - 45 - 11 E

Location : on left bank at the bridge of Chiang Rai - Phayao Highway, Tambon Bua Sali.

	Ban Ton Yang	Amphoe Mae Lao	Changwat Chiang Rai
Drainage Area	2,909 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+405.100 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 8 meters from the top staff gage.	Elevation	+410.832 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1994 to date		
Rating Operation			
Period of Rating	1994 to date		
Rated by Flot	-		
Rated by Current Meter	1994 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Mae Lao weir situated about 10 kilometers above gage site. Stage-discharge relation defined by 57 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	405.48	405.48	405.47	405.33	406.08	406.74	409.46	408.08	406.46	405.93	405.55	405.47	
2	405.45	405.48	405.41	405.32	406.49	407.44	408.62	407.88	406.45	405.80	405.54	405.48	
3	405.45	405.47	405.45	405.39	406.44	407.74	408.01	407.47	406.43	405.78	405.51	405.49	
4	405.75	405.43	405.65	405.35	406.29	407.62	407.67	407.12	406.41	405.75	405.51	405.52	
5	405.91	405.39	405.78	405.34	405.97	407.28	407.42	406.94	406.40	405.73	405.50	405.53	
6	405.70	405.37	405.85	405.36	405.86	406.81	407.23	406.85	406.46	405.71	405.57	405.48	
7	405.63	405.37	405.99	405.35	405.78	406.63	407.03	406.77	406.69	405.66	405.78	405.48	
8	405.57	405.38	406.24	405.34	405.73	406.54	406.99	406.70	406.67	405.67	405.74	405.48	
9	405.52	405.46	406.30	405.32	405.67	407.09	407.06	406.74	406.57	405.66	405.68	405.47	
10	405.51	405.45	406.22	405.30	405.65	407.20	406.90	406.91	406.51	405.67	405.63	405.46	
11	405.48	405.41	406.15	405.28	405.64	407.15	406.68	407.10	406.46	405.69	405.59	405.46	
12	405.48	405.42	406.03	405.31	405.68	407.36	406.58	406.87	406.43	405.60	405.57	405.46	
13	405.47	405.45	405.90	405.45	406.40	407.65	406.50	406.77	406.41	405.61	405.56	405.49	
14	405.48	405.44	405.77	405.77	408.15	407.68	406.46	406.72	406.39	405.60	405.55	405.50	
15	405.62	405.47	405.60	406.11	409.12	407.38	406.52	406.64	406.38	405.60	405.52	405.51	
16	405.54	405.43	405.46	406.27	408.47	407.24	406.63	406.60	406.38	405.61	405.50	405.51	
17	405.51	405.43	405.39	406.22	407.40	407.13	406.54	406.56	406.37	405.93	405.50	405.50	
18	405.50	405.56	405.37	406.00	406.91	406.95	406.40	406.55	406.36	405.97	405.50	405.49	
19	405.49	405.60	405.35	405.84	406.68	406.94	406.41	406.58	406.34	405.98	405.49	405.47	
20	405.48	405.59	405.36	406.20	406.52	407.86	406.47	406.56	406.32	406.03	405.49	405.47	
21	405.46	405.58	405.35	406.20	406.36	408.50	406.46	406.58	406.30	405.78	405.49	405.47	
22	405.46	405.59	405.40	406.95	406.13	408.48	406.40	406.56	406.29	405.63	405.49	405.46	
23	405.45	405.65	405.44	407.29	405.90	408.40	406.34	406.55	406.28	405.59	405.51	405.44	
24	405.44	405.72	405.66	407.61	405.90	407.90	406.29	406.53	406.28	405.58	405.61	405.44	
25	405.42	405.69	405.69	407.78	405.90	407.39	406.37	406.49	406.28	405.56	405.55	405.45	
26	405.43	405.67	405.55	407.34	406.19	407.17	406.48	406.48	406.26	405.55	405.47	405.48	
27	405.45	405.67	405.42	406.91	406.12	406.89	406.38	406.48	406.26	405.55	405.46	405.48	
28	405.45	405.68	405.40	406.65	406.02	407.40	406.35	406.48	406.24	405.83	405.47	405.46	
29	405.46	405.63	405.36	406.37	406.33	409.50	406.36	406.48	406.21	405.66		405.48	
30	405.48	405.63	405.36	406.11	406.39	409.77	406.90	406.47	406.05	405.57		405.55	
31		405.57		405.96	406.38		407.74		406.00	405.56		405.56	
Mean	405.52	405.52	405.65	406.03	406.40	407.53	406.89	406.78	406.37	405.70	405.55	405.48	
Max	405.91	405.72	406.30	407.78	409.12	409.77	409.46	408.08	406.69	406.03	405.78	405.56	409.77
Min	405.42	405.37	405.35	405.28	405.64	406.54	406.29	406.47	406.00	405.55	405.46	405.44	405.28
Annual Max Momentary Gage Height	410.01		m. (MSL.) ,			at 20.00 Hours ,		on Sep 29 , 2005					
Zero Gage at Bottom Elevation	405.10		m. (MSL.) ,			River Bed	405.18	m. (MSL.)					
Left Bank Elevation	410.60		m. (MSL.) ,										
Right Bank Elevation	410.54		m. (MSL.) ,			Drainage Are	2,909	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.20	2.20	2.05	0.82	16.40	52.50	291.30	158.90	32.90	12.25	3.25	2.05	
2	1.75	2.20	1.15	0.80	34.85	103.30	209.00	140.40	32.25	9.00	3.10	2.20	
3	1.75	2.05	1.75	0.98	31.60	128.05	152.43	105.78	30.95	8.50	2.65	2.35	
4	7.75	1.45	5.25	0.88	24.05	118.15	122.28	80.40	29.65	7.75	2.65	2.80	
5	11.75	0.98	8.50	0.85	13.25	91.60	101.65	67.50	29.00	7.25	2.50	2.95	
6	6.50	0.93	10.25	0.90	10.50	57.75	88.10	60.75	32.90	6.75	3.55	2.20	
7	4.75	0.93	13.75	0.88	8.50	44.25	74.10	54.75	48.75	5.50	8.50	2.20	
8	3.55	0.95	21.80	0.85	7.25	38.10	71.25	49.50	47.25	5.75	7.50	2.20	
9	2.80	1.90	24.50	0.80	5.75	78.30	76.20	52.50	40.05	5.50	6.00	2.05	
10	2.65	1.75	20.90	0.75	5.25	86.00	64.50	65.25	36.15	5.75	4.75	1.90	
11	2.20	1.15	18.50	0.70	5.00	82.50	48.00	79.00	32.90	6.25	3.85	1.90	
12	2.20	1.30	14.90	0.78	6.00	97.20	40.70	62.25	30.95	4.00	3.55	1.90	
13	2.05	1.75	11.50	1.75	29.00	120.63	35.50	54.75	29.65	4.25	3.40	2.35	
14	2.20	1.60	8.25	8.25	165.37	123.10	32.90	51.00	28.55	4.00	3.25	2.50	
15	4.50	2.05	4.00	17.30	257.00	98.60	36.80	45.00	28.10	4.00	2.80	2.65	
16	3.10	1.45	1.90	23.15	194.97	88.80	44.25	42.00	28.10	4.25	2.50	2.65	
17	2.65	1.45	0.98	20.90	100.00	81.10	38.10	39.40	27.65	12.25	2.50	2.50	
18	2.50	3.40	0.93	14.00	65.25	68.25	29.00	38.75	27.20	13.25	2.50	2.35	
19	2.35	4.00	0.88	10.00	48.00	67.50	29.65	40.70	26.30	13.50	2.35	2.05	
20	2.20	3.85	0.90	20.00	36.80	138.55	33.55	39.40	25.40	14.90	2.35	2.05	
21	1.90	3.70	0.88	20.00	27.20	197.75	32.90	40.70	24.50	8.50	2.35	2.05	
22	1.90	3.85	1.00	68.25	17.90	195.90	29.00	39.40	24.05	4.75	2.35	1.90	
23	1.75	5.25	1.60	92.30	11.50	188.50	26.30	38.75	23.60	3.85	2.65	1.60	
24	1.60	7.00	5.50	117.32	11.50	142.25	24.05	37.45	23.60	3.70	4.25	1.60	
25	1.30	6.25	6.25	131.35	11.50	99.30	27.65	34.85	23.60	3.40	3.25	1.75	
26	1.45	5.75	3.25	95.80	19.70	83.90	34.20	34.20	22.70	3.25	2.05	2.20	
27	1.75	5.75	1.30	65.25	17.60	63.75	28.10	34.20	22.70	3.25	1.90	2.20	
28	1.75	6.00	1.00	45.75	14.60	100.00	26.75	34.20	21.80	9.75	2.05	1.90	
29	1.90	4.75	0.90	27.65	25.85	295.50	27.20	34.20	20.45	5.50		2.20	
30	2.20	4.75	0.90	17.30	28.55	323.00	64.50	33.55	15.50	3.55		3.25	
31		3.55		13.00	28.10		128.05		14.00	3.40		3.40	
Total	88.90	93.94	195.22	819.31	1278.79	3454.08	2067.96	1689.48	881.15	207.55	94.35	69.85	10940.58 CMSDAY
Mean	2.96	3.03	6.51	26.43	41.25	115.14	66.71	56.32	28.42	6.70	3.37	2.25	29.97 CMS
Max	11.75	7.00	24.50	131.35	257.00	323.00	291.30	158.90	48.75	14.90	8.50	3.40	323.00 CMS
Min	1.30	0.93	0.88	0.70	5.00	38.10	24.05	33.55	14.00	3.25	1.90	1.60	0.70 CMS
Runoff	7.68	8.12	16.87	70.79	110.49	298.43	178.67	145.97	76.13	17.93	8.15	6.04	945.27 MCM
Momentary Peak		347.00	CMS.	at 410.01 m. (MSL.)	at 20.00 Hours	, on Sep 29, 2005							
Runoff Yield		10.30	Liters/Second/Square KM.		Momentary Peak Yield	119.285	Liters/Second/Square KM.						

WATER YEAR : 2005

NAM MAE KOK RIVER BASIN

Nam Mae Suai at Ban Kariang Thung Phrao , Chiang Rai (G.9)

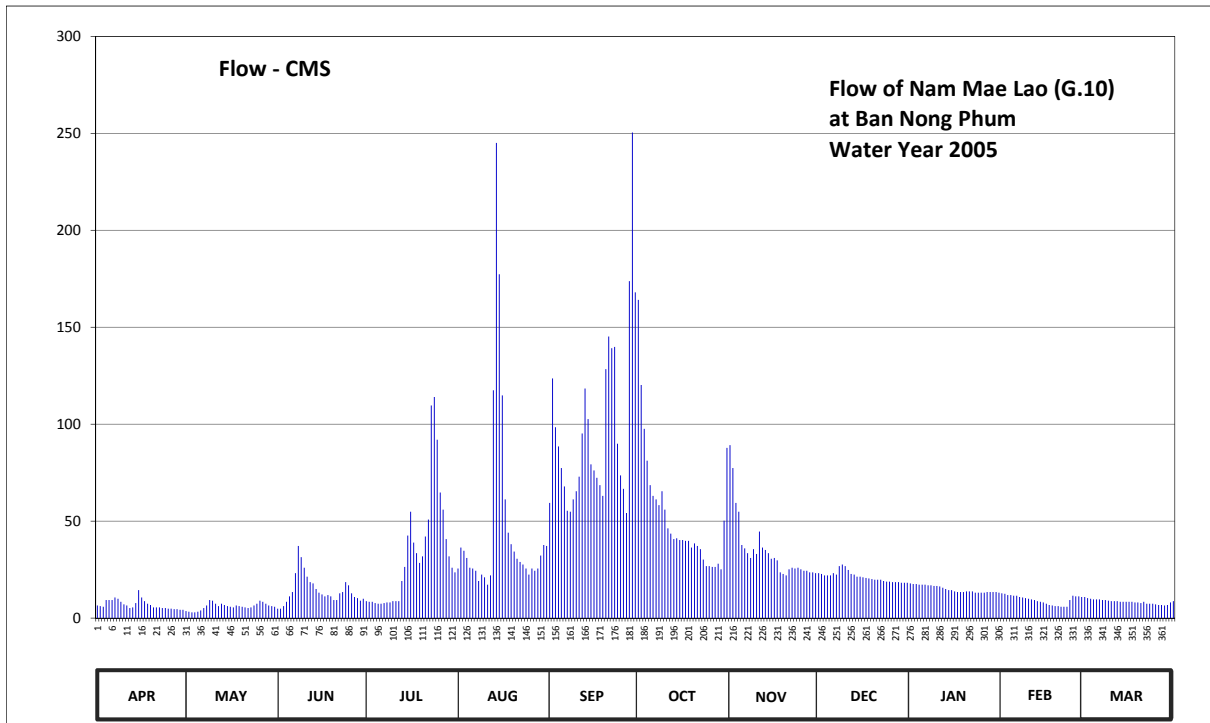
Lat 19 - 44 - 51 N Long 99 - 30 - 27 E

Location : on right bank at the bridge on road.

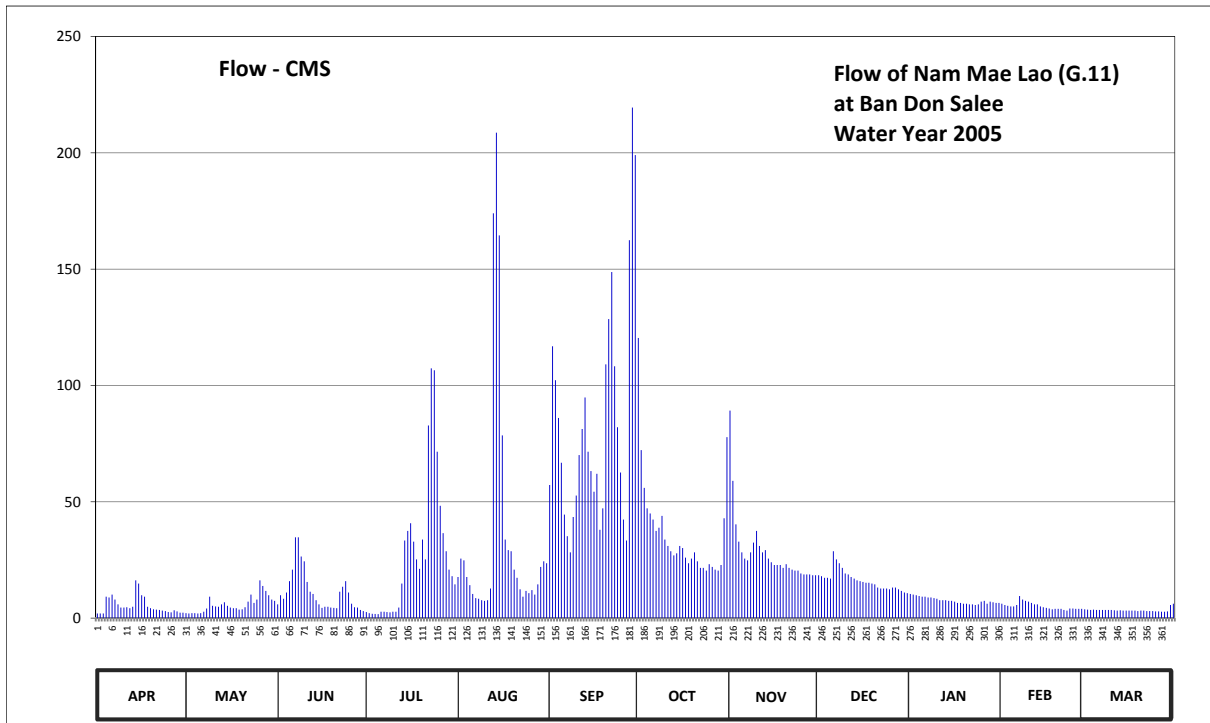
	Ban	Kariang Thung Phrao	Amphoe	Mae Suai	Changwat	Chiang Rai
Drainage Area	386	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+514.656 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 20 meters from the top staff gage.				Elevation	+522.091 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1998 to date					
Rating Operation						
Period of Rating	1998 to date					
Rated by Flot	-					
Rated by Current Meter	1998 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 47 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	515.45	515.36	515.33	515.33	515.86	515.84	516.11	515.86	515.59	515.55	515.48	515.42	
2	515.42	515.36	515.34	515.31	515.82	515.76	516.06	515.82	515.59	515.55	515.48	515.42	
3	515.43	515.38	515.37	515.37	515.66	515.81	516.06	515.79	515.59	515.55	515.48	515.43	
4	515.50	515.37	515.41	515.37	515.60	515.76	515.98	515.77	515.59	515.55	515.48	515.42	
5	515.45	515.41	515.48	515.35	515.52	515.73	515.94	515.76	515.59	515.54	515.48	515.42	
6	515.44	515.43	515.52	515.30	515.53	515.71	515.90	515.75	515.62	515.54	515.53	515.42	
7	515.44	515.42	515.52	515.28	515.64	515.63	515.89	515.75	515.75	515.54	515.55	515.41	
8	515.43	515.40	515.52	515.27	515.63	515.61	515.87	515.74	515.64	515.54	515.48	515.41	
9	515.43	515.49	515.53	515.26	515.58	515.94	515.86	515.74	515.61	515.54	515.48	515.41	
10	515.42	515.54	515.52	515.30	515.56	515.88	515.85	515.75	515.61	515.54	515.48	515.41	
11	515.42	515.55	515.44	515.28	515.51	515.84	515.84	515.74	515.61	515.54	515.48	515.41	
12	515.42	515.56	515.36	515.34	515.78	515.82	515.83	515.72	515.61	515.53	515.48	515.41	
13	515.44	515.50	515.36	515.33	516.14	515.80	515.83	515.72	515.60	515.52	515.48	515.41	
14	515.46	515.38	515.34	515.46	515.92	515.89	515.82	515.71	515.59	515.51	515.47	515.41	
15	515.42	515.38	515.32	515.52	515.78	515.92	515.81	515.71	515.57	515.50	515.47	515.41	
16	515.41	515.37	515.31	515.71	515.72	515.74	515.82	515.70	515.56	515.49	515.47	515.41	
17	515.40	515.37	515.32	515.46	515.68	515.66	515.78	515.69	515.56	515.49	515.47	515.40	
18	515.40	515.64	515.35	515.43	515.67	515.85	515.78	515.68	515.56	515.49	515.46	515.40	
19	515.39	515.40	515.36	515.46	515.66	516.15	515.81	515.67	515.56	515.49	515.46	515.40	
20	515.39	515.37	515.39	515.56	515.65	516.44	515.78	515.66	515.56	515.49	515.46	515.40	
21	515.38	515.38	515.49	515.54	515.62	516.13	515.76	515.66	515.55	515.49	515.46	515.40	
22	515.38	515.41	515.58	516.21	515.59	515.95	515.75	515.65	515.55	515.49	515.46	515.40	
23	515.38	515.69	515.58	516.08	515.60	515.83	515.74	515.65	515.55	515.49	515.45	515.40	
24	515.38	515.70	515.64	515.98	515.61	515.98	515.73	515.65	515.55	515.49	515.45	515.39	
25	515.37	515.38	515.55	515.98	515.61	515.95	515.73	515.65	515.55	515.48	515.44	515.38	
26	515.37	515.36	515.51	515.73	515.61	515.90	515.73	515.64	515.55	515.48	515.43	515.38	
27	515.37	515.35	515.50	515.68	515.58	515.86	515.73	515.64	515.55	515.48	515.42	515.37	
28	515.37	515.35	515.49	515.66	515.66	516.56	515.73	515.63	515.55	515.48	515.42	515.36	
29	515.36	515.34	515.40	515.64	515.75	516.33	515.75	515.62	515.55	515.48		515.36	
30	515.36	515.34	515.36	515.61	515.90	516.50	515.96	515.60	515.55	515.48		515.38	
31		515.33		515.60	515.77		515.88		515.55	515.48		515.46	
Mean	515.41	515.43	515.44	515.53	515.68	515.93	515.84	515.70	515.58	515.51	515.47	515.40	
Max	515.50	515.70	515.64	516.21	516.14	516.56	516.11	515.86	515.75	515.55	515.46	515.46	516.56
Min	515.36	515.33	515.31	515.26	515.51	515.61	515.73	515.60	515.55	515.48	515.42	515.36	515.26
Annual Max Momentary Gage Height	517.32		m. (MSL.) ,				at 17.00 Hours ,						
Zero Gage at Bottom Elevation	514.66		m. (MSL.) ,			River Bed	515.17		m. (MSL.)				
Left Bank Elevation		521.60		m. (MSL.) ,									
Right Bank Elevation		521.60		m. (MSL.) ,		Drainage Are	386		Square Kilometers				



Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.48	3.63	4.90	8.70	25.60	59.43	164.10	89.20	23.20	17.88	12.82	10.92	
2	6.17	3.32	4.90	8.38	36.42	123.60	120.20	77.40	22.80	17.57	12.50	10.28	
3	5.85	3.00	6.17	8.38	34.75	98.40	97.60	59.43	22.00	17.57	11.87	9.97	
4	9.33	3.00	8.38	7.75	31.00	88.50	81.20	54.83	22.00	17.25	11.87	9.65	
5	9.33	3.32	11.23	7.43	26.00	77.40	68.53	37.67	22.00	17.25	11.55	9.65	
6	9.33	3.95	13.45	7.43	25.60	67.90	63.00	36.00	23.20	17.25	11.55	9.65	
7	10.60	5.22	23.20	7.75	24.40	55.40	61.20	33.50	22.40	16.93	10.92	9.33	
8	9.97	6.48	37.25	8.07	19.15	54.83	58.28	31.00	26.83	16.93	10.60	9.33	
9	8.38	9.33	31.42	8.07	22.40	61.20	65.40	35.58	27.67	16.62	10.28	9.02	
10	7.12	9.02	26.00	8.70	21.05	65.40	55.97	33.08	26.83	16.62	9.97	8.70	
11	6.48	7.43	21.37	8.70	17.25	72.97	46.30	44.65	24.80	16.30	9.65	8.70	
12	5.22	6.17	18.52	8.70	22.00	95.20	43.55	36.42	22.80	15.67	9.33	8.70	
13	5.53	7.43	17.88	19.15	117.50	118.40	40.75	35.17	22.40	15.03	8.70	8.38	
14	7.75	6.80	15.03	26.42	245.07	102.63	41.20	33.50	21.37	14.40	8.38	8.38	
15	14.40	6.17	13.13	42.55	177.30	79.30	40.30	30.58	21.37	14.40	8.07	8.38	
16	10.60	5.85	12.18	54.83	114.87	76.13	40.30	31.00	21.05	13.77	7.43	8.38	
17	8.70	5.53	11.23	38.95	61.20	72.33	39.85	29.75	20.73	13.45	6.80	8.38	
18	7.43	6.48	11.87	33.50	44.10	68.53	39.85	23.60	20.42	13.45	6.48	8.07	
19	6.80	6.17	11.23	28.50	38.08	63.00	36.42	22.80	20.10	13.45	6.17	8.07	
20	5.53	5.85	9.33	31.83	34.33	128.40	38.50	22.00	19.78	13.77	6.17	7.75	
21	5.53	5.53	9.33	42.10	30.58	145.20	37.25	25.20	19.78	13.77	5.85	8.38	
22	5.53	5.22	12.82	50.80	28.92	139.20	35.58	26.00	19.78	13.77	5.85	7.43	
23	5.22	5.53	13.45	109.63	27.67	139.90	30.17	25.60	19.15	13.13	5.85	7.43	
24	5.22	6.48	18.52	114.00	25.60	89.90	26.83	26.00	18.83	13.13	9.33	7.43	
25	4.90	7.43	16.93	92.00	22.40	73.60	26.83	25.20	18.83	13.13	11.55	7.12	
26	4.90	9.02	12.82	64.80	25.60	66.63	26.42	24.40	18.52	13.13	11.23	6.80	
27	4.58	8.38	10.92	55.97	24.40	54.25	26.42	24.40	18.52	13.45	11.23	6.80	
28	4.58	7.43	10.28	40.75	25.60	173.80	28.08	23.60	18.52	13.45	10.92	6.48	
29	4.27	6.48	9.02	31.83	32.25	250.43	25.20	23.60	18.20	13.45		6.80	
30	4.27	6.17	9.97	26.00	37.67	168.00	50.23	23.20	18.20	13.45		8.07	
31		5.85		23.60	37.25		87.80		18.20	13.13		8.70	
Total	210.00	187.67	432.73	1025.27	1456.01	2929.86	1643.31	1044.36	660.28	462.55	262.92	261.13	10576.09 CMSDAY
Mean	7.00	6.05	14.42	33.07	46.97	97.66	53.01	34.81	21.30	14.92	9.39	8.42	28.98 CMS
Max	14.40	9.33	37.25	114.00	245.07	250.43	164.10	89.20	27.67	17.88	12.82	10.92	250.43 CMS
Min	4.27	3.00	4.90	7.43	17.25	54.25	25.20	22.00	18.20	13.13	5.85	6.48	3.00 CMS
Runoff	18.14	16.22	37.39	88.58	125.80	253.14	141.98	90.23	57.05	39.96	22.72	22.56	913.77 MCM
Momentary Peak		261.17 CMS.		at 4.25 m. (A.D.)		at 11.00 Hours		, on Aug 14, 2005					
Runoff Yield		11.08		Liters/Second/Square KM.		Momentary Peak Yield		99.912		Liters/Second/Square KM.			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.00	2.15	5.90	2.60	17.65	57.20	120.40	89.20	18.40	10.40	6.20	3.80		
2	2.00	2.00	9.80	2.15	25.60	116.80	72.20	59.00	18.00	10.10	5.60	3.65		
3	2.00	2.15	8.30	1.85	24.80	102.25	56.00	40.28	17.30	9.80	5.30	3.50		
4	9.20	2.15	11.00	1.80	17.65	86.00	47.20	32.87	17.30	9.50	5.00	3.65		
5	8.90	2.00	15.90	1.70	14.15	66.80	45.00	28.29	16.95	9.20	5.00	3.50		
6	10.10	2.15	20.80	2.75	10.40	44.47	42.38	25.60	28.75	9.20	5.60	3.50		
7	8.00	2.75	34.71	2.75	8.60	35.17	37.46	24.80	25.20	8.90	9.50	3.50		
8	5.90	4.10	34.71	2.60	8.30	28.29	38.83	28.29	23.60	8.90	8.00	3.50		
9	4.55	9.20	26.46	2.45	7.70	43.43	43.95	32.42	21.60	8.60	7.40	3.50		
10	4.55	5.30	24.40	2.75	7.40	52.70	33.79	37.46	19.20	8.30	7.10	3.50		
11	4.70	5.00	15.55	2.75	7.70	70.10	31.04	31.04	18.80	7.70	6.50	3.35		
12	4.25	4.85	11.35	4.55	12.75	81.30	28.75	28.29	17.65	7.70	5.90	3.20		
13	4.85	5.90	10.40	14.85	173.95	94.80	26.92	29.21	16.95	7.70	5.90	3.35		
14	16.25	6.80	7.70	33.33	208.60	71.50	27.83	25.60	16.25	7.40	5.00	3.20		
15	14.85	5.30	5.90	37.46	164.50	63.20	31.04	24.00	15.90	7.40	4.70	3.20		
16	9.80	4.55	4.40	40.80	78.50	54.35	30.12	22.80	15.55	7.10	4.40	3.20		
17	9.20	4.25	4.85	32.87	33.79	62.00	26.00	22.80	15.20	6.50	4.10	3.20		
18	4.85	4.25	4.85	25.20	29.21	37.92	23.60	22.80	15.20	6.50	3.80	3.20		
19	4.25	3.65	4.55	21.20	28.75	47.20	25.60	21.60	14.85	6.20	3.95	3.05		
20	3.80	3.80	4.40	33.79	20.80	109.05	28.29	23.20	14.50	6.20	3.95	3.20		
21	3.65	4.70	4.25	25.20	17.30	128.50	24.40	21.60	13.10	5.90	3.95	3.20		
22	3.50	7.10	11.35	82.80	12.40	148.75	21.60	20.80	12.75	5.90	3.50	3.05		
23	3.20	10.10	13.45	107.35	9.20	108.20	21.60	20.40	12.75	5.60	3.20	3.05		
24	3.05	6.50	15.90	106.50	11.70	82.00	20.40	20.40	12.75	5.90	4.10	3.05		
25	2.60	8.00	11.00	71.50	10.70	62.60	23.20	19.20	12.40	7.10	4.10	2.90		
26	2.45	16.25	6.20	48.30	12.05	42.38	22.00	18.80	13.10	7.40	3.95	2.90		
27	3.35	13.80	4.70	36.54	10.10	33.33	20.80	18.80	13.10	6.20	3.95	2.75		
28	2.90	11.70	4.55	28.75	14.50	162.40	20.40	18.80	12.40	7.10	3.95	2.75		
29	2.30	9.80	3.50	20.80	22.00	219.40	22.80	18.40	11.70	6.80	2.90	2.90		
30	2.30	8.00	3.05	18.00	24.40	199.00	42.90	18.40	11.00	6.50	5.60	5.60		
31		7.40		14.50	23.60		77.80		10.70	6.50	6.20	6.20		
Total	163.30	185.65	343.88	830.44	1068.75	2511.09	1134.30	845.15	502.90	234.20	143.60	106.10	8069.36	CMSDAY
Mean	5.44	5.99	11.46	26.79	34.48	83.70	36.59	28.17	16.22	7.55	5.13	3.42	22.11	CMS
Max	16.25	16.25	34.71	107.35	208.60	219.40	120.40	89.20	28.75	10.40	9.50	6.20	219.40	CMS
Min	2.00	2.00	3.05	1.70	7.40	28.29	20.40	18.40	10.70	5.60	3.20	2.75	1.70	CMS
Runoff	14.11	16.04	29.71	71.75	92.34	216.96	98.00	73.02	43.45	20.24	12.41	9.17	697.19	MCM
Momentary Peak		302.55	CMS. at 4.39 m. (A.D.) at 20.00 Hours , on Aug 13, 2005											
Runoff Yield		11.53	Liters/Second/Square KM.		Momentary Peak Yield	157.742	Liters/Second/Square KM.							

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Non Puai , Chaiyaphum (E.5)

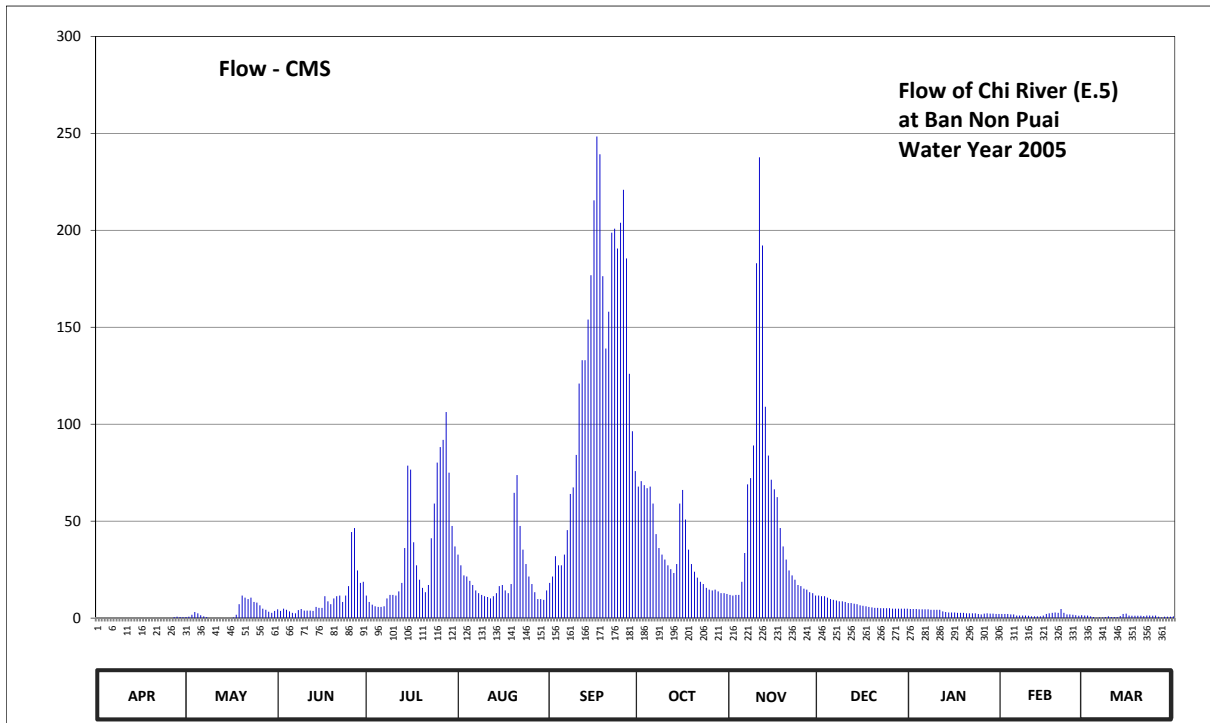
Lat 15 - 46 - 08 N Long 101 - 49 - 01 E

Location : on left bank near Ban Non Puai about 30 meters downstream from Ban Tango.

	Ban Non Puai	Amphoe Ban Khwao	Changwat Chaiyaphum
Drainage Area	4,207 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+186.070 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the station office.		Elevation +197.540 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1958 to date		
Rating Operation			
Period of Rating	1967 - 1971 , 1973, 1979, 1982 to date		
Rated by Flot	-		
Rated by Current Meter	1967 - 1971 , 1973, 1979, 1982 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The local weir situated about 100 meters downstream from the gage site. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	188.63	189.84	190.05	190.29	190.65	190.43	191.02	190.30	190.29	190.06	189.93	189.89	
2	188.64	189.85	190.01	190.20	190.58	190.49	191.09	190.29	190.28	190.06	189.93	189.89	
3	188.63	189.91	190.07	190.15	190.50	190.64	191.04	190.30	190.28	190.06	189.93	189.86	
4	188.60	189.98	190.04	190.12	190.49	190.58	191.00	190.30	190.26	190.05	189.92	189.84	
5	188.60	189.95	190.00	190.11	190.45	190.58	191.02	190.44	190.24	190.05	189.92	189.81	
6	188.60	189.90	189.96	190.11	190.41	190.65	190.87	190.66	190.23	190.05	189.89	189.82	
7	188.60	189.86	189.95	190.12	190.35	190.78	190.76	191.05	190.22	190.05	189.89	189.82	
8	188.60	189.83	190.03	190.25	190.32	190.90	190.69	191.13	190.21	190.04	189.89	189.84	
9	188.59	189.79	190.06	190.30	190.30	191.01	190.65	191.55	190.21	190.04	189.89	189.86	
10	188.59	189.77	190.02	190.30	190.28	191.43	190.62	193.49	190.20	190.04	189.88	189.84	
11	188.58	189.76	190.02	190.29	190.27	192.26	190.58	194.53	190.18	190.04	189.86	189.84	
12	188.58	189.73	190.02	190.34	190.25	192.50	190.55	193.67	190.18	190.00	189.86	189.83	
13	188.57	189.72	190.01	190.43	190.28	192.50	190.52	192.00	190.17	189.98	189.86	189.87	
14	188.57	189.75	190.11	190.69	190.32	192.92	190.59	191.42	190.16	189.97	189.86	189.93	
15	188.57	189.77	190.09	191.29	190.40	193.37	190.87	191.11	190.14	189.97	189.89	189.94	
16	188.54	189.78	190.09	191.24	190.41	194.12	190.97	190.98	190.13	189.97	189.93	189.89	
17	188.52	189.82	190.28	190.72	190.35	194.73	190.82	190.89	190.12	189.96	189.95	189.88	
18	188.50	189.91	190.21	190.58	190.32	194.56	190.68	190.79	190.11	189.96	189.96	189.88	
19	188.55	190.16	190.16	190.46	190.42	193.36	190.59	190.70	190.10	189.96	189.97	189.88	
20	188.57	190.29	190.25	190.38	190.92	192.62	190.53	190.62	190.09	189.95	189.96	189.88	
21	188.57	190.26	190.28	190.33	191.17	193.00	190.48	190.54	190.09	189.95	190.06	189.87	
22	188.69	190.24	190.29	190.41	190.80	193.80	190.44	190.50	190.08	189.95	189.96	189.89	
23	188.94	190.26	190.20	190.74	190.68	193.84	190.42	190.46	190.08	189.95	189.92	189.89	
24	189.19	190.20	190.29	190.87	190.59	193.64	190.38	190.41	190.08	189.93	189.92	189.88	
25	189.46	190.19	190.40	191.33	190.49	193.90	190.36	190.40	190.08	189.92	189.91	189.89	
26	189.66	190.14	190.77	191.53	190.42	194.22	190.35	190.37	190.07	189.94	189.90	189.85	
27	189.83	190.07	190.79	191.62	190.33	193.54	190.36	190.36	190.07	189.95	189.88	189.82	
28	189.85	190.04	190.54	191.94	190.24	192.36	190.34	190.33	190.07	189.94	189.90	189.85	
29	189.84	189.99	190.43	191.20	190.24	191.72	190.32	190.32	190.07	189.94		189.85	
30	189.83	189.96	190.44	190.80	190.23	191.22	190.32	190.29	190.07	189.93		189.85	
31		190.01		190.70	190.35		190.31		190.07	189.93		189.86	
Mean	188.85	189.96	190.20	190.64	190.45	192.39	190.63	191.01	190.15	189.99	189.91	189.86	
Max	189.85	190.29	190.79	191.94	191.17	194.73	191.09	194.53	190.29	190.06	190.06	189.94	194.73
Min	188.50	189.72	189.95	190.11	190.23	190.43	190.31	190.29	190.07	189.92	189.86	189.81	188.50
Annual Max Momentary Gage Height	194.82												at 24.00 Hours, on Sep 17, 2005
Zero Gage at Bottom Elevation	186.07						186.60						River Bed m. (MSL.)
Left Bank Elevation		199.73											m. (MSL.)
Right Bank Elevation		199.55											m. (MSL.)
Drainage Area						4,207							Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.60	4.50	11.63	32.75	18.15	67.80	12.00	11.63	4.70	2.10	1.35	
2	0.00	0.75	3.70	8.30	27.20	21.45	70.60	11.63	11.26	4.70	2.10	1.35	
3	0.00	1.70	4.90	6.90	22.00	31.90	68.60	12.00	11.26	4.70	2.10	0.90	
4	0.00	3.10	4.30	6.06	21.45	27.20	67.00	12.00	10.52	4.50	1.90	0.60	
5	0.00	2.50	3.50	5.78	19.25	27.20	67.80	18.70	9.78	4.50	1.90	0.15	
6	0.00	1.50	2.70	5.78	17.05	32.75	59.05	33.60	9.41	4.50	1.35	0.30	
7	0.00	0.90	2.50	6.06	14.25	45.40	43.30	69.00	9.04	4.50	1.35	0.30	
8	0.00	0.45	4.10	10.15	12.90	64.00	36.15	72.20	8.67	4.30	1.35	0.60	
9	0.00	0.00	4.70	12.00	12.00	67.40	32.75	89.00	8.67	4.30	1.35	0.90	
10	0.00	0.00	3.90	12.00	11.26	84.20	30.20	182.99	8.30	4.30	1.20	0.60	
11	0.00	0.00	3.90	11.63	10.89	121.00	27.20	237.62	7.74	4.30	0.90	0.60	
12	0.00	0.00	3.90	13.80	10.15	133.00	25.25	192.17	7.74	3.50	0.90	0.45	
13	0.00	0.00	3.70	18.15	11.26	133.00	23.30	109.00	7.46	3.10	0.90	1.05	
14	0.00	0.00	5.78	36.15	12.90	154.00	27.85	83.80	7.18	2.90	0.90	2.10	
15	0.00	0.00	5.30	78.60	16.50	176.87	59.05	71.40	6.62	2.90	1.35	2.30	
16	0.00	0.00	5.30	76.60	17.05	215.48	66.10	66.40	6.34	2.90	2.10	1.35	
17	0.00	0.30	11.26	39.10	14.25	248.42	50.80	62.35	6.06	2.70	2.50	1.20	
18	0.00	1.70	8.67	27.20	12.90	239.24	35.30	46.45	5.78	2.70	2.70	1.20	
19	0.00	7.18	7.18	19.80	17.60	176.36	27.85	37.00	5.50	2.70	2.90	1.20	
20	0.00	11.63	10.15	15.60	64.60	139.00	23.95	30.20	5.30	2.50	2.70	1.20	
21	0.00	10.52	11.26	13.35	73.80	158.00	20.90	24.60	5.30	2.50	4.70	1.05	
22	0.00	9.78	11.63	17.05	47.50	198.80	18.70	22.00	5.10	2.50	2.70	1.35	
23	0.00	10.52	8.30	41.20	35.30	200.84	17.60	19.80	5.10	2.50	1.90	1.35	
24	0.00	8.30	11.63	59.05	27.85	190.64	15.60	17.05	5.10	2.10	1.90	1.20	
25	0.00	8.02	16.50	80.20	21.45	203.90	14.70	16.50	5.10	1.90	1.70	1.35	
26	0.00	6.62	44.35	88.20	17.60	220.88	14.25	15.15	4.90	2.30	1.50	0.75	
27	0.45	4.90	46.45	91.90	13.35	185.54	14.70	14.70	4.90	2.50	1.20	0.30	
28	0.75	4.30	24.60	106.30	9.78	126.00	13.80	13.35	4.90	2.30	1.50	0.75	
29	0.60	3.30	18.15	75.00	9.78	96.40	12.90	12.90	4.90	2.30		0.75	
30	0.45	2.70	18.70	47.50	9.41	75.80	12.90	11.63	4.90	2.10		0.75	
31		3.70		37.00	14.25		12.45		4.90	2.10		0.90	
Total	2.25	104.97	315.51	1078.04	658.28	3812.82	1078.40	1617.19	219.36	100.30	51.65	30.20	9068.97 CMSDAY
Mean	0.08	3.39	10.52	34.78	21.23	127.09	34.79	53.91	7.08	3.24	1.84	0.97	24.85 CMS
Max	0.75	11.63	46.45	106.30	73.80	248.42	70.60	237.62	11.63	4.70	4.70	2.30	248.42 CMS
Min	0.00	0.00	2.50	5.78	9.41	18.15	12.45	11.63	4.90	1.90	0.90	0.15	0.00 CMS
Runoff	0.19	9.07	27.26	93.14	56.88	329.43	93.17	139.73	18.95	8.67	4.46	2.61	783.56 MCM
Momentary Peak	253.28	CMS, at 194.82 m. (MSL), at 24.00 Hours, on Sep 17, 2005											
Runoff Yield	5.91	Liters/Second/Square KM.		Momentary Peak Yield		60,204	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Pa Thao at Ban Tat Ton , Chaiyaphum (E.6C)

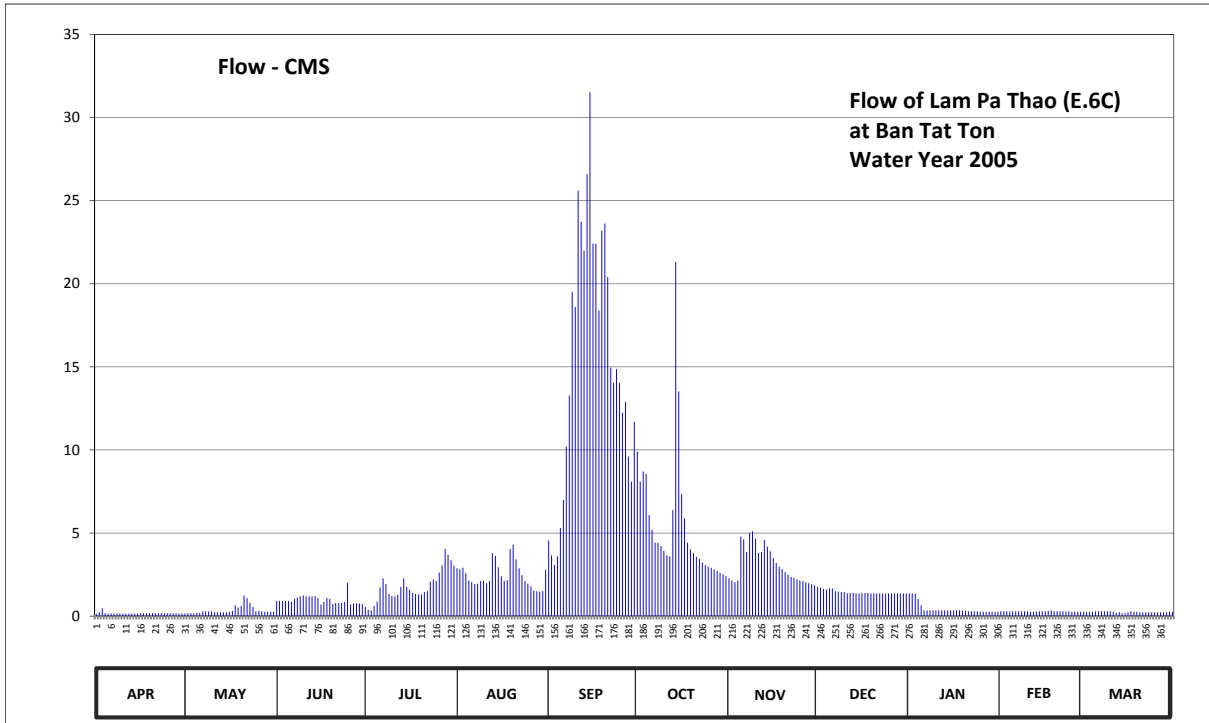
Lat 15 - 57 - 43 N Long 102 - 02 - 00 E

Location : on right bank about 5 kilometers upstream from E.6A station at Ban Tat Ton.

	Ban	Tat	Ton	Amphoe	Mueang	Changwat	Chaiyaphum
Drainage Area	378	sq.km.					
Type of Gage	Staff gage						
Zero Gage at Bottom	+192.700 m. (MSL.)						
Bench Mark	B.M.-H.D.						
Location BM	About 2 meters from the sling pole.					Elevation	+199.546 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.						
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings						
Period of Available Gage Records	1973 to date						
Rating Operation							
Period of Rating	1973 to date						
Rated by Flot	-						
Rated by Current Meter	1973 to date						
Stability of Channel Regimes	Fairly stable.						
Overbank Flow Conditions	No overbank flow.						
General Description	Records good. Lam Pa Thao Dam situated about 2 kilometers upstream from the gage site. Stage-discharge relation defined by 31 discharge measurements made in 2005.						

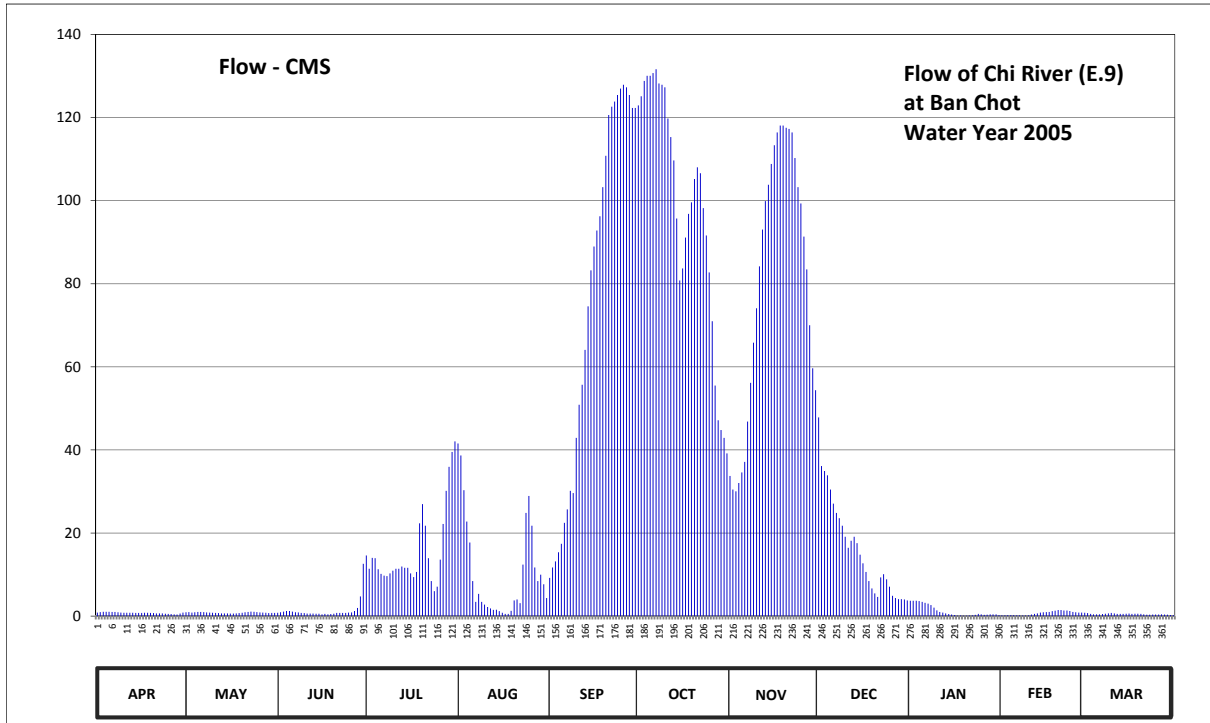
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	192.54	192.55	192.81	192.69	193.43	193.91	194.72	193.24	193.08	192.96	192.60	192.59	
2	192.58	192.56	192.81	192.63	193.41	193.67	194.48	193.20	193.07	192.96	192.60	192.59	
3	192.66	192.56	192.81	192.62	193.44	193.49	194.56	193.17	193.04	192.95	192.60	192.59	
4	192.56	192.56	192.81	192.71	193.34	193.65	194.54	193.20	193.03	192.85	192.60	192.59	
5	192.55	192.57	192.81	192.80	193.20	194.08	194.21	193.97	193.05	192.72	192.60	192.60	
6	192.55	192.57	192.80	193.07	193.17	194.33	194.06	193.93	193.05	192.62	192.60	192.60	
7	192.55	192.60	192.85	193.24	193.13	194.76	193.88	193.73	193.00	192.62	192.60	192.60	
8	192.55	192.60	192.88	193.13	193.14	195.16	193.88	194.02	192.99	192.62	192.60	192.60	
9	192.55	192.60	192.90	192.95	193.19	195.82	193.83	194.04	192.98	192.62	192.60	192.60	
10	192.55	192.60	192.92	192.91	193.20	195.73	193.75	193.94	192.98	192.62	192.60	192.60	
11	192.55	192.58	192.90	192.90	193.15	196.40	193.67	193.71	192.96	192.62	192.59	192.59	
12	192.55	192.58	192.90	192.93	193.19	196.23	193.65	193.73	192.97	192.62	192.59	192.57	
13	192.55	192.58	192.90	193.08	193.71	196.07	194.25	193.92	192.97	192.62	192.60	192.58	
14	192.55	192.58	192.91	193.24	193.66	196.49	196.00	193.82	192.96	192.62	192.60	192.56	
15	192.55	192.58	192.87	193.08	193.45	196.91	195.19	193.74	192.96	192.62	192.60	192.56	
16	192.56	192.59	192.74	193.03	193.28	196.11	194.38	193.62	192.97	192.62	192.60	192.58	
17	192.56	192.61	192.79	192.97	193.19	196.11	194.18	193.53	192.97	192.62	192.61	192.60	
18	192.56	192.72	192.87	192.95	193.21	195.71	193.88	193.46	192.97	192.62	192.62	192.59	
19	192.56	192.68	192.85	192.94	193.78	196.18	193.77	193.42	192.96	192.61	192.60	192.59	
20	192.56	192.71	192.75	192.94	193.85	196.22	193.71	193.36	192.96	192.61	192.60	192.58	
21	192.56	192.92	192.77	192.98	193.60	195.91	193.64	193.31	192.96	192.60	192.60	192.58	
22	192.56	192.87	192.77	193.00	193.43	195.35	193.61	193.27	192.96	192.60	192.60	192.58	
23	192.56	192.77	192.77	193.18	193.30	195.25	193.54	193.25	192.96	192.60	192.60	192.58	
24	192.56	192.69	192.79	193.22	193.19	195.34	193.49	193.22	192.96	192.60	192.60	192.58	
25	192.56	192.60	193.16	193.19	193.14	195.25	193.46	193.20	192.96	192.59	192.59	192.58	
26	192.56	192.61	192.74	193.35	193.09	195.03	193.44	193.19	192.96	192.59	192.59	192.58	
27	192.56	192.60	192.76	193.48	193.01	195.11	193.41	193.17	192.96	192.59	192.59	192.58	
28	192.56	192.59	192.76	193.78	193.00	194.68	193.38	193.15	192.96	192.59	192.59	192.58	
29	192.55	192.59	192.76	193.68	192.99	194.48	193.35	193.13	192.96	192.59		192.58	
30	192.55	192.59	192.75	193.58	193.00	194.96	193.32	193.11	192.96	192.59		192.59	
31		192.59		193.48	193.40		193.28		192.96	192.59		192.59	
Mean	192.56	192.63	192.83	193.09	193.30	195.28	193.95	193.49	192.98	192.65	192.60	192.59	
Max	192.66	192.92	193.16	193.78	193.85	196.91	196.00	194.04	193.08	192.96	192.62	192.60	196.91
Min	192.54	192.55	192.74	192.62	192.99	193.49	193.28	193.11	192.96	192.59	192.59	192.56	192.54
Annual Max Momentary Gage Height	197.13		m. (MSL.) ,			at 18.00 Hours, on Sep 14, 2005							
Zero Gage at Bottom Elevation	192.70		m. (MSL.) ,			River Bed	192.33		m. (MSL.)				
Left Bank Elevation		199.87		m. (MSL.) ,									
Right Bank Elevation		199.62		m. (MSL.) ,		Drainage Are	378		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.12	0.15	0.91	0.55	2.88	4.54	9.90	2.27	1.76	1.37	0.29	0.26	
2	0.23	0.17	0.91	0.38	2.81	3.66	8.10	2.14	1.72	1.37	0.29	0.26	
3	0.46	0.17	0.91	0.35	2.91	3.07	8.70	2.04	1.63	1.34	0.29	0.26	
4	0.17	0.17	0.91	0.61	2.59	3.59	8.55	2.14	1.60	1.03	0.29	0.26	
5	0.15	0.20	0.91	0.88	2.14	5.30	6.08	4.78	1.66	0.64	0.29	0.29	
6	0.15	0.20	0.88	1.72	2.04	6.98	5.20	4.62	1.66	0.35	0.29	0.29	
7	0.15	0.29	1.03	2.27	1.92	10.20	4.42	3.86	1.50	0.35	0.29	0.29	
8	0.15	0.29	1.12	1.92	1.95	13.28	4.42	5.00	1.47	0.35	0.29	0.29	
9	0.15	0.29	1.18	1.34	2.11	19.50	4.22	5.10	1.44	0.35	0.29	0.29	
10	0.15	0.29	1.24	1.21	2.14	18.60	3.93	4.66	1.44	0.35	0.29	0.29	
11	0.15	0.23	1.18	1.18	1.98	25.60	3.66	3.79	1.37	0.35	0.26	0.26	
12	0.15	0.23	1.18	1.28	2.11	23.73	3.59	3.86	1.40	0.35	0.26	0.20	
13	0.15	0.23	1.18	1.76	3.79	22.00	6.38	4.58	1.40	0.35	0.29	0.23	
14	0.15	0.23	1.21	2.27	3.62	26.59	21.30	4.18	1.37	0.35	0.29	0.17	
15	0.15	0.23	1.09	1.76	2.94	31.52	13.52	3.90	1.37	0.35	0.29	0.17	
16	0.17	0.26	0.70	1.60	2.40	22.41	7.35	3.49	1.40	0.35	0.29	0.23	
17	0.17	0.32	0.85	1.40	2.11	22.41	5.88	3.20	1.40	0.35	0.32	0.29	
18	0.17	0.64	1.09	1.34	2.17	18.40	4.42	2.97	1.40	0.35	0.35	0.26	
19	0.17	0.52	1.03	1.31	4.03	23.18	4.00	2.84	1.37	0.32	0.29	0.26	
20	0.17	0.61	0.73	1.31	4.30	23.62	3.79	2.65	1.37	0.32	0.29	0.23	
21	0.17	1.24	0.79	1.44	3.42	20.40	3.56	2.49	1.37	0.29	0.29	0.23	
22	0.17	1.09	0.79	1.50	2.88	14.95	3.45	2.36	1.37	0.29	0.29	0.23	
23	0.17	0.79	0.79	2.08	2.46	14.05	3.23	2.30	1.37	0.29	0.29	0.23	
24	0.17	0.55	0.85	2.20	2.11	14.86	3.07	2.20	1.37	0.29	0.29	0.23	
25	0.17	0.29	2.01	2.11	1.95	14.05	2.97	2.14	1.37	0.26	0.26	0.23	
26	0.17	0.32	0.70	2.62	1.79	12.24	2.91	2.11	1.37	0.26	0.26	0.23	
27	0.17	0.29	0.76	3.04	1.53	12.88	2.81	2.04	1.37	0.26	0.26	0.23	
28	0.17	0.26	0.76	4.03	1.50	9.60	2.72	1.98	1.37	0.26	0.26	0.23	
29	0.15	0.26	0.76	3.69	1.47	8.10	2.62	1.92	1.37	0.26	0.26	0.23	
30	0.15	0.26	0.73	3.36	1.50	11.70	2.52	1.85	1.37	0.26	0.26	0.26	
31		0.26		3.04	2.78		2.40		1.37	0.26		0.26	
Total	5.14	11.33	29.18	55.55	76.33	461.01	169.67	93.46	44.80	13.92	8.03	7.67	976.09 CMSDAY
Mean	0.17	0.37	0.97	1.79	2.46	15.37	5.47	3.12	1.45	0.45	0.29	0.25	2.67 CMS
Max	0.46	1.24	2.01	4.03	4.30	31.52	21.30	5.10	1.76	1.37	0.35	0.29	31.52 CMS
Min	0.12	0.15	0.70	0.35	1.47	3.07	2.40	1.85	1.37	0.26	0.26	0.17	0.12 CMS
Runoff	0.44	0.98	2.52	4.80	6.60	39.83	14.66	8.08	3.87	1.20	0.69	0.66	84.33 MCM
Momentary Peak	34.29	CMS, at 197.13 m. (MSL), at 18.00 Hours, on Sep 14, 2005											
Runoff Yield	7.07	Liters/Second/Square KM.		Momentary Peak Yield			90,714	Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.83	0.91	0.79	14.58	41.54	9.19	122.93	33.72	47.83	3.68	0.18	0.79	
2	0.95	0.95	0.91	11.39	38.65	11.72	125.10	30.44	36.10	3.68	0.20	0.71	
3	1.04	0.83	1.09	14.03	30.30	13.15	128.82	30.02	34.91	3.68	0.23	0.52	
4	1.04	0.91	1.22	13.92	22.74	15.35	130.06	32.02	33.89	3.60	0.23	0.44	
5	1.04	0.99	1.22	11.28	17.70	17.42	130.06	34.57	30.44	3.44	0.23	0.44	
6	0.99	0.99	1.09	10.18	8.42	22.46	130.68	37.12	27.08	3.20	0.20	0.41	
7	0.99	0.95	0.91	9.74	3.44	25.68	131.61	46.81	24.84	2.99	0.18	0.48	
8	0.91	0.87	0.87	9.63	5.34	30.16	128.20	56.14	23.58	2.64	0.16	0.59	
9	0.83	0.83	0.75	10.29	3.44	29.60	127.89	65.82	21.76	2.02	0.16	0.67	
10	0.79	0.79	0.71	10.95	2.78	42.90	127.27	74.08	19.10	1.40	0.20	0.75	
11	0.79	0.75	0.63	11.39	2.20	50.86	119.76	84.16	16.45	0.99	0.37	0.67	
12	0.79	0.71	0.63	11.39	1.85	55.70	115.28	93.04	18.12	0.83	0.55	0.55	
13	0.79	0.67	0.63	11.94	1.50	64.06	109.68	99.88	19.10	0.67	0.67	0.55	
14	0.75	0.67	0.59	11.61	1.55	74.56	95.68	103.80	17.56	0.48	0.83	0.52	
15	0.75	0.67	0.59	11.61	1.18	83.20	80.80	108.84	14.80	0.37	0.91	0.59	
16	0.75	0.63	0.44	10.29	0.79	88.96	83.68	113.32	12.71	0.27	0.95	0.63	
17	0.79	0.63	0.52	9.41	0.52	92.80	91.12	116.40	10.62	0.10	0.99	0.55	
18	0.79	0.67	0.44	10.62	0.55	96.24	96.80	118.08	8.42	0.14	1.18	0.59	
19	0.75	0.71	0.48	22.32	1.26	103.24	99.60	118.08	6.66	0.12	1.31	0.59	
20	0.71	0.79	0.59	26.94	3.76	110.80	105.20	117.52	5.45	0.10	1.45	0.52	
21	0.67	0.91	0.75	21.76	4.00	120.60	108.00	117.24	4.63	0.14	1.45	0.44	
22	0.67	0.99	0.75	13.92	3.13	122.62	106.60	116.40	9.30	0.18	1.36	0.34	
23	0.67	1.09	0.75	8.42	12.38	123.86	98.20	110.24	10.07	0.31	1.36	0.34	
24	0.59	1.04	0.75	6.00	24.84	125.41	91.60	103.24	8.86	0.52	1.22	0.37	
25	0.55	0.95	0.83	7.10	28.90	126.96	82.72	99.32	7.10	0.41	0.99	0.37	
26	0.48	0.87	0.87	13.59	21.76	127.89	70.96	91.36	4.90	0.31	0.91	0.37	
27	0.41	0.83	1.22	22.18	11.72	127.27	55.48	83.44	4.36	0.34	0.83	0.41	
28	0.37	0.79	1.96	30.16	8.42	125.41	47.15	70.00	4.09	0.41	0.83	0.37	
29	0.63	0.71	4.72	35.93	9.96	122.31	44.77	59.66	4.09	0.44		0.34	
30	0.83	0.75	12.60	39.50	7.65	122.31	42.90	54.38	4.00	0.44		0.27	
31		0.75		42.05	4.36		39.16		3.76	0.23		0.23	
Total	22.94	25.60	40.30	494.12	326.63	2282.69	3067.76	2419.14	494.58	38.13	20.13	15.41	9247.43 CMSDAY
Mean	0.76	0.83	1.34	15.94	10.54	76.09	98.96	80.64	15.95	1.23	0.72	0.50	25.34 CMS
Max	1.04	1.09	12.60	42.05	41.54	127.89	131.61	118.08	47.83	3.68	1.45	0.79	131.61 CMS
Min	0.37	0.63	0.44	6.00	0.52	9.19	39.16	30.02	3.76	0.10	0.16	0.23	0.10 CMS
Runoff	1.98	2.21	3.48	42.69	28.22	197.22	265.05	209.01	42.73	3.29	1.74	1.33	798.98 MCM
Momentary Peak	132.23	CMS, at 159.33 m. (MSL.), at 05.00 Hours, on Oct 7, 2005											
Runoff Yield	2.33	Liters/Second/Square KM. Momentary Peak Yield 12.156 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Tha Sa Baeng , Roi Et (E.18)

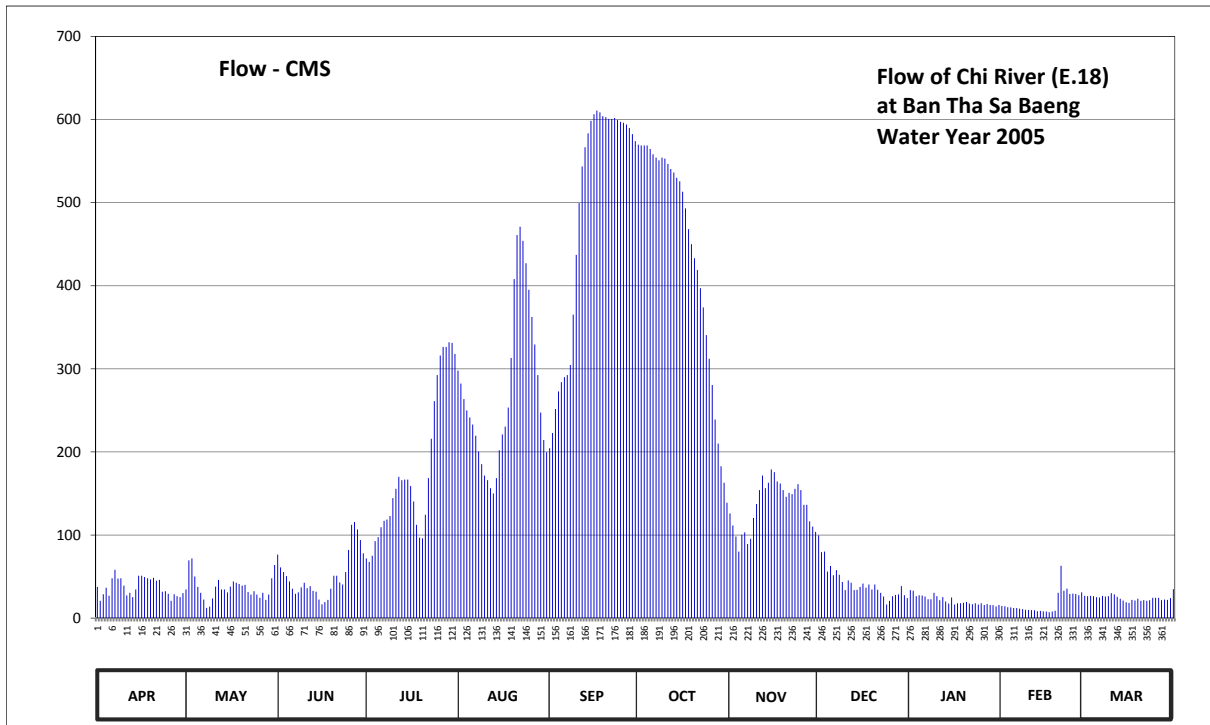
Lat 16 - 01 - 59 N Long 103 - 54 - 41 E

Location : on right bank at Ban Tha Sa Bang.

	Ban	Tha Sa Baeng	Amphoe	Thung Khao Luang	Changwat	Roi Et
Drainage Area	41,187	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+122.240 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+135.187 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1954 to date					
Rating Operation						
Period of Rating	1974 to date					
Rated by Flot	-					
Rated by Current Meter	1974 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 158 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.55	123.49	124.25	124.18	127.03	125.93	129.76	124.95	124.58	123.81	123.32	123.67	
2	123.17	124.14	124.00	124.11	126.85	126.15	129.75	124.75	124.29	123.80	123.31	123.66	
3	123.36	124.18	123.90	124.23	126.63	126.49	129.75	124.56	124.30	123.66	123.27	123.67	
4	123.53	123.80	123.81	124.48	126.47	126.74	129.75	124.30	123.91	123.69	123.26	123.66	
5	123.32	123.55	123.68	124.55	126.37	126.87	129.71	124.59	124.03	123.68	123.24	123.63	
6	123.76	123.40	123.51	124.72	126.27	126.94	129.65	124.63	123.83	123.65	123.24	123.62	
7	123.95	123.21	123.37	124.83	126.11	126.97	129.61	124.43	123.94	123.57	123.21	123.67	
8	123.75	122.94	123.41	124.85	125.88	127.10	129.58	124.52	123.84	123.57	123.19	123.65	
9	123.76	122.98	123.54	124.91	125.69	127.74	129.61	124.88	123.67	123.75	123.15	123.66	
10	123.58	123.24	123.65	125.18	125.52	128.47	129.60	125.09	123.47	123.66	123.14	123.74	
11	123.33	123.56	123.52	125.32	125.45	129.09	129.54	125.30	123.71	123.54	123.13	123.71	
12	123.40	123.72	123.57	125.50	125.33	129.51	129.48	125.52	123.65	123.63	123.12	123.64	
13	123.28	123.49	123.45	125.45	125.25	129.73	129.44	125.33	123.47	123.50	123.06	123.58	
14	123.49	123.49	123.43	125.46	125.48	129.89	129.38	125.41	123.48	123.42	123.08	123.53	
15	123.82	123.41	123.21	125.46	125.90	130.03	129.34	125.61	123.55	123.62	123.05	123.47	
16	123.82	123.56	123.06	125.36	126.13	130.10	129.22	125.57	123.63	123.38	123.04	123.44	
17	123.79	123.68	123.13	125.13	126.24	130.14	129.03	125.43	123.53	123.43	123.01	123.55	
18	123.76	123.65	123.20	124.76	126.51	130.12	128.78	125.40	123.61	123.43	123.04	123.53	
19	123.73	123.62	123.51	124.54	127.19	130.08	128.60	125.30	123.49	123.45	123.09	123.58	
20	123.77	123.58	123.82	124.53	128.18	130.07	128.43	125.20	123.61	123.48	123.75	123.52	
21	123.70	123.60	123.82	124.93	128.71	130.05	128.29	125.26	123.48	123.42	124.08	123.54	
22	123.72	123.42	123.66	125.48	128.81	130.05	128.07	125.24	123.40	123.39	123.80	123.52	
23	123.43	123.35	123.61	126.07	128.64	130.06	127.83	125.32	123.30	123.43	123.84	123.54	
24	123.44	123.44	123.90	126.60	128.37	130.04	127.48	125.39	123.38	123.38	123.72	123.61	
25	123.37	123.35	124.33	126.97	128.05	130.02	127.18	125.30	123.52	123.43	123.73	123.61	
26	123.17	123.26	124.76	127.22	127.71	130.01	126.83	125.08	123.66	123.36	123.72	123.61	
27	123.36	123.40	124.81	127.33	127.36	129.99	126.34	125.08	123.70	123.40	123.69	123.54	
28	123.31	123.20	124.68	127.33	126.97	129.95	126.00	124.82	123.71	123.36	123.76	123.56	
29	123.28	123.35	124.50	127.39	126.44	129.88	125.66	124.73	123.89	123.35		123.55	
30	123.39	123.76	124.27	127.38	126.05	129.80	125.41	124.64	123.69	123.30		123.60	
31		124.05		127.24	125.87		125.11		123.60	123.36		123.83	
Mean	123.54	123.51	123.78	125.53	126.69	128.93	128.46	125.05	123.71	123.51	123.36	123.60	
Max	123.95	124.18	124.81	127.39	128.81	130.14	129.76	125.61	124.58	123.81	124.08	123.83	130.14
Min	123.17	122.94	123.06	124.11	125.25	125.93	125.11	124.30	123.30	123.01	123.44	122.94	
Annual Max Momentary Gage Height	130.14		m. (MSL.) ,				at 08.00 Hours, on Sep 17, 2005						
Zero Gage at Bottom Elevation	122.24		m. (MSL.) ,			River Bed	120.34	m. (MSL.)					
Left Bank Elevation		132.50		m. (MSL.) ,									
Right Bank Elevation		132.07		m. (MSL.) ,		Drainage Are	41,187	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	37.50	34.50	76.50	71.80	297.80	204.40	569.80	126.00	99.60	33.60	14.60	26.80	
2	20.80	69.40	61.00	67.60	282.20	222.80	568.70	111.50	79.30	33.00	14.30	26.40	
3	28.70	71.80	55.50	75.10	263.50	251.60	568.70	98.20	80.00	26.40	13.10	26.80	
4	36.50	50.00	50.50	92.60	250.00	272.90	568.70	80.00	56.10	27.60	12.80	26.40	
5	26.90	37.50	44.00	97.50	241.50	284.00	564.60	100.30	62.80	27.20	12.20	25.20	
6	48.00	30.50	35.50	109.40	232.90	289.90	558.20	103.10	51.60	26.00	12.20	24.80	
7	58.20	22.40	29.20	117.10	219.40	292.50	554.10	89.10	57.70	22.80	11.30	26.80	
8	47.50	12.40	31.00	118.50	200.40	304.50	550.90	95.40	52.20	22.80	10.80	26.00	
9	48.00	13.80	37.00	122.80	185.20	365.30	554.10	120.60	43.50	30.50	10.00	26.40	
10	39.00	23.60	42.50	144.40	171.60	437.00	553.00	137.20	33.70	26.40	9.80	30.00	
11	27.30	38.00	36.00	155.60	166.00	499.40	546.70	154.00	45.50	21.60	9.60	28.50	
12	30.50	46.00	38.50	170.00	156.40	543.50	540.40	171.60	42.50	25.20	9.40	25.60	
13	25.20	34.50	32.70	166.00	150.00	566.60	536.20	156.40	33.70	20.00	8.20	23.20	
14	34.50	34.50	31.80	166.80	168.40	583.40	529.90	162.80	34.10	17.60	8.60	21.20	
15	51.10	31.00	22.40	166.80	202.00	598.40	525.70	178.80	37.50	24.80	8.00	19.10	
16	51.10	38.00	16.60	158.80	221.00	606.30	513.10	175.60	41.50	16.40	7.80	18.20	
17	49.50	44.00	19.20	140.40	230.40	610.80	493.10	164.40	36.50	17.90	7.20	22.00	
18	48.00	42.50	22.00	112.20	253.40	608.60	468.00	162.00	40.50	17.90	7.80	21.20	
19	46.50	41.00	35.50	96.80	313.10	604.00	450.00	154.00	34.50	18.50	8.80	23.20	
20	48.50	39.00	51.10	96.10	408.00	602.90	433.00	146.00	40.50	19.40	30.50	20.80	
21	45.00	40.00	51.10	124.40	461.00	600.70	419.00	150.80	34.10	17.60	63.00	21.60	
22	46.00	31.40	43.00	168.40	471.00	600.70	397.00	149.20	30.50	16.70	33.00	20.80	
23	31.80	28.20	40.50	215.90	454.00	601.80	373.90	155.60	26.00	17.90	35.40	21.60	
24	32.30	32.30	55.50	261.00	427.00	599.50	340.60	161.20	16.40	16.40	29.00	24.40	
25	29.20	28.20	82.10	292.50	395.00	597.30	312.10	154.00	20.80	17.90	29.50	24.40	
26	20.80	24.40	112.20	315.90	362.40	596.10	280.60	136.40	26.40	15.80	29.00	24.40	
27	28.70	30.50	115.70	326.40	329.20	594.00	238.90	136.40	28.00	17.00	27.60	21.60	
28	26.40	22.00	106.60	326.40	292.50	589.70	210.00	116.40	28.50	15.80	31.00	22.40	
29	25.20	28.20	94.00	332.00	247.40	582.40	182.80	110.10	38.40	15.50		22.00	
30	30.00	48.00	77.90	331.10	214.30	574.00	162.80	103.80	27.60	14.00		24.00	
31		64.00		317.80	199.60		138.80		24.00	15.80		34.80	
Total	1118.70	1131.60	1547.10	5458.10	8466.60	14685.00	13703.40	4060.90	1304.00	656.00	504.50	750.60	53386.50 CMSDAY
Mean	37.30	36.50	51.60	176.10	273.10	489.50	442.00	135.40	42.10	21.20	18.00	24.20	146.30 CMS
Max	58.20	71.80	115.70	332.00	471.00	610.80	569.80	178.80	99.60	33.60	63.00	34.80	610.80 CMS
Min	20.80	12.40	16.60	67.60	150.00	204.40	138.80	80.00	16.40	14.00	7.20	18.20	7.20 CMS
Runoff	96.66	97.77	133.67	471.58	731.51	1268.78	1183.97	350.86	112.67	56.68	43.59	64.85	4612.59 MCM
Momentary Peak	610.82	CMS, at 130.14 m. (MSL), at 08.00 Hours, on Sep 17, 2005											
Runoff Yield	3.55	Liters/Second/Square KM.			Momentary Peak Yield	14.830	Liters/Second/Square KM.						

WATER YEAR : 2005**CHI RIVER BASIN****Chi River at Ban Maha Chana Chai , Yasothon (E.20A)**

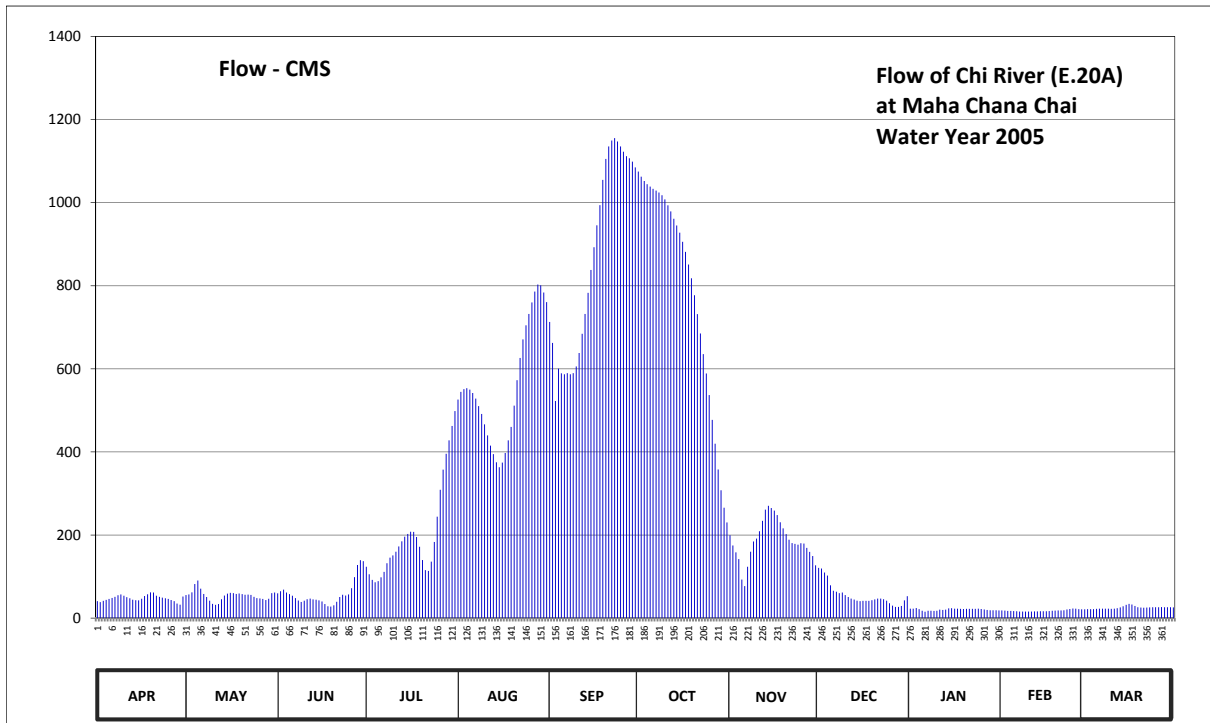
Lat 15 - 31 - 22 N Long 104 - 15 - 13 E

Location : on right bank about 800 meters upstream from E.20 station.

	Ban	Maha Chana Chai	Amphoe	Maha Chana Chai	Changwat	Yasothon
Drainage Area	47,800	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+112.000 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+127.137 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1973 to date					
Rating Operation						
Period of Rating	1974 to date					
Rated by Flot	-					
Rated by Current Meter	1974 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +119.560 m.(MSL.) and is including overbank flow.					
General Description	Records fair. Tat Noi barrage situated downstream from the gage site. Stage-discharge relation defined by 125 discharge measurements made in 2015.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	115.43	115.35	115.42	116.23	119.35	120.36	121.66	116.99	116.20	115.31	115.09	115.22	
2	115.38	115.37	115.49	116.04	119.46	120.11	121.62	116.75	116.19	115.30	115.07	115.26	
3	115.45	115.45	115.55	115.87	119.50	119.91	121.59	116.58	116.08	115.39	115.05	115.24	
4	115.51	115.74	115.45	115.80	119.51	119.78	121.57	116.42	116.00	115.26	115.03	115.25	
5	115.56	115.85	115.39	115.83	119.49	119.72	121.55	115.88	115.70	115.05	115.02	115.29	
6	115.62	115.59	115.32	115.95	119.44	119.71	121.54	115.67	115.51	114.95	114.99	115.31	
7	115.68	115.40	115.22	116.10	119.36	119.72	121.53	116.23	115.48	115.07	114.96	115.31	
8	115.77	115.27	115.12	116.32	119.25	119.71	121.51	116.60	115.43	115.05	114.96	115.31	
9	115.81	115.11	115.05	116.46	119.14	119.72	121.49	116.84	115.45	115.05	114.95	115.31	
10	115.74	114.97	115.11	116.51	119.00	119.82	121.47	116.91	115.35	115.07	114.96	115.29	
11	115.67	114.92	115.17	116.60	118.83	119.99	121.42	117.08	115.27	115.19	114.96	115.30	
12	115.61	114.96	115.20	116.73	118.67	120.22	121.38	117.31	115.20	115.16	114.97	115.36	
13	115.52	115.17	115.16	116.85	118.53	120.46	121.33	117.54	115.16	115.20	114.98	115.47	
14	115.49	115.33	115.15	116.96	118.40	120.69	121.28	117.61	115.11	115.34	114.99	115.59	
15	115.48	115.40	115.13	117.02	118.32	120.91	121.23	117.57	115.08	115.36	114.99	115.77	
16	115.58	115.44	115.07	117.07	118.40	121.11	121.15	117.52	115.10	115.32	115.01	115.88	
17	115.72	115.42	114.96	117.07	118.55	121.29	121.07	117.42	115.10	115.30	115.03	115.82	
18	115.82	115.40	114.85	116.95	118.75	121.43	120.97	117.28	115.10	115.29	115.05	115.64	
19	115.92	115.41	114.84	116.72	118.96	121.60	120.83	117.15	115.13	115.28	115.08	115.48	
20	115.89	115.39	114.90	116.40	119.26	121.74	120.67	117.02	115.17	115.29	115.09	115.44	
21	115.74	115.36	115.06	116.15	119.62	121.81	120.46	116.89	115.20	115.28	115.10	115.42	
22	115.68	115.37	115.27	116.12	119.93	121.85	120.23	116.81	115.20	115.29	115.13	115.44	
23	115.64	115.36	115.36	116.36	120.15	121.86	119.98	116.79	115.17	115.29	115.21	115.47	
24	115.60	115.28	115.33	116.83	120.32	121.84	119.72	116.77	115.11	115.30	115.28	115.48	
25	115.57	115.22	115.37	117.39	120.46	121.81	119.41	116.80	114.99	115.28	115.33	115.48	
26	115.50	115.21	115.61	117.91	120.59	121.78	119.06	116.79	114.88	115.21	115.31	115.49	
27	115.43	115.19	115.96	118.28	120.70	121.75	118.70	116.69	114.82	115.15	115.26	115.49	
28	115.29	115.14	116.28	118.54	120.77	121.74	118.28	116.59	114.82	115.12	115.23	115.48	
29	115.21	115.19	116.40	118.75	120.76	121.72	117.91	116.49	114.87	115.12		115.49	
30	115.29	115.43	116.37	118.97	120.69	121.69	117.57	116.27	115.12	115.11		115.48	
31		115.45		119.18	120.59		117.28		115.30	115.10		115.47	
Mean	115.59	115.33	115.35	116.90	119.51	120.86	120.50	116.84	115.30	115.21	115.07	115.44	
Max	115.92	115.85	116.40	119.18	120.77	121.86	121.66	117.61	116.20	115.39	115.33	115.88	121.86
Min	115.21	114.92	114.84	115.80	118.32	119.71	117.28	115.67	114.82	114.95	114.95	115.22	114.82
Annual Max Momentary Gage Height	121.86		m. (MSL.) ,			at 01.00 Hours, on Sep 23, 2005							
Zero Gage at Bottom Elevation	112.00		m. (MSL.) ,			River Bed	110.96	m. (MSL.)					
Left Bank Elevation		126.89		m. (MSL.) ,									
Right Bank Elevation		126.80		m. (MSL.) ,		Drainage Are	47,800	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	40.60	55.50	59.80	123.40	526.20	712.60	1074.80	199.30	120.70	22.60	18.30	21.00		
2	38.60	56.80	64.50	105.50	544.60	662.20	1062.40	174.90	119.30	22.50	17.90	21.70		
3	41.40	62.00	68.40	92.00	551.20	522.50	1051.90	158.10	109.60	24.20	17.40	21.40		
4	43.70	82.00	61.60	86.20	553.50	600.40	1044.40	141.90	102.30	21.70	17.20	21.50		
5	46.00	90.50	57.60	88.90	550.00	589.20	1038.50	92.60	78.90	17.50	16.80	22.20		
6	48.60	70.80	53.70	98.10	541.80	586.90	1033.30	77.10	65.70	15.50	16.40	22.60		
7	51.30	58.30	48.00	111.20	528.30	589.40	1028.90	123.50	63.70	17.80	15.70	22.60		
8	55.00	50.80	42.30	132.10	510.20	586.90	1024.20	159.60	60.10	17.60	15.60	22.70		
9	56.80	42.10	38.70	145.50	491.50	589.60	1017.70	184.40	61.70	17.40	15.60	22.60		
10	54.00	34.30	41.90	151.10	466.50	605.60	1007.90	191.20	55.50	17.80	15.70	22.30		
11	50.60	32.00	45.50	159.70	439.90	638.20	993.60	209.10	50.80	20.20	15.80	22.50		
12	47.70	34.00	47.10	172.50	415.00	684.10	978.70	234.10	47.00	19.60	16.00	23.70		
13	44.20	45.40	44.90	184.80	394.70	732.00	961.20	261.20	44.80	20.50	16.20	25.80		
14	43.10	54.40	44.40	195.80	374.90	782.70	945.00	270.30	42.00	23.30	16.40	28.40		
15	42.80	58.70	42.90	202.70	363.00	837.90	927.50	265.00	40.60	23.70	16.40	31.90		
16	46.70	60.90	40.00	207.80	374.40	892.60	905.90	258.80	41.50	22.80	16.70	34.10		
17	53.10	59.90	34.00	207.60	397.40	945.50	881.50	248.00	41.50	22.60	17.10	32.80		
18	57.30	58.20	28.40	195.20	427.90	994.00	851.20	230.70	41.70	22.30	17.50	29.30		
19	62.00	59.10	27.70	171.60	460.30	1054.60	818.10	216.00	43.00	22.10	18.00	26.10		
20	61.50	57.70	30.90	139.60	511.50	1105.30	777.00	202.00	45.20	22.30	18.30	25.20		
21	54.00	56.20	39.20	115.50	572.60	1135.10	731.70	188.70	47.00	22.20	18.40	25.00		
22	51.00	56.50	50.90	113.40	626.20	1149.60	685.00	180.70	46.90	22.20	19.00	25.40		
23	49.40	56.00	56.20	135.80	670.70	1155.20	635.40	178.80	45.40	22.30	20.70	25.90		
24	47.60	51.30	54.30	183.20	704.60	1147.20	588.80	176.90	42.10	22.60	22.10	26.10		
25	46.10	48.30	56.80	244.20	732.20	1135.40	536.70	180.30	35.60	22.00	23.00	26.10		
26	43.50	47.30	72.10	308.80	759.80	1122.50	477.20	179.30	30.20	20.70	22.70	26.30		
27	40.60	46.30	98.70	357.20	785.90	1111.80	419.70	169.20	27.10	19.50	21.70	26.40		
28	35.10	43.50	127.90	395.50	802.80	1106.70	357.80	159.30	27.10	18.90	21.10	26.10		
29	32.30	46.40	139.50	427.70	800.80	1098.50	307.80	149.30	29.30	19.00		26.30		
30	52.00	60.20	137.10	462.50	783.60	1084.80	265.80	127.00	42.80	18.70		26.10		
31	61.70		498.30	760.50		230.30		52.80	18.50			25.90		
Total	1436.60	1697.10	1755.00	6213.40	17422.50	25959.00	24659.90	5587.30	1701.90	640.60	503.70	786.00	88363.00	CMSDAY
Mean	47.90	54.70	58.50	200.40	562.00	865.30	795.50	186.20	54.90	20.70	18.00	25.40	242.10	CMS
Max	62.00	90.50	139.50	498.30	802.80	1155.20	1074.80	270.30	120.70	24.20	23.00	34.10	1155.20	CMS
Min	32.30	32.00	27.70	86.20	363.00	522.50	230.30	77.10	27.10	15.50	15.60	21.00	15.50	CMS
Runoff	124.12	146.63	151.63	536.84	1505.30	2242.86	2130.62	482.74	147.04	55.35	43.52	67.91	7634.56	MCM
Momentary Peak	1155.20	CMS, at 121.86 m. (MSL.), at 01.00 Hours, on Sep 23, 2005												
Runoff Yield	5.06	Liters/Second/Square KM.			Momentary Peak Yield	24.167	Liters/Second/Square KM.							

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Kaeng Ko , Chaiyaphum (E.21)

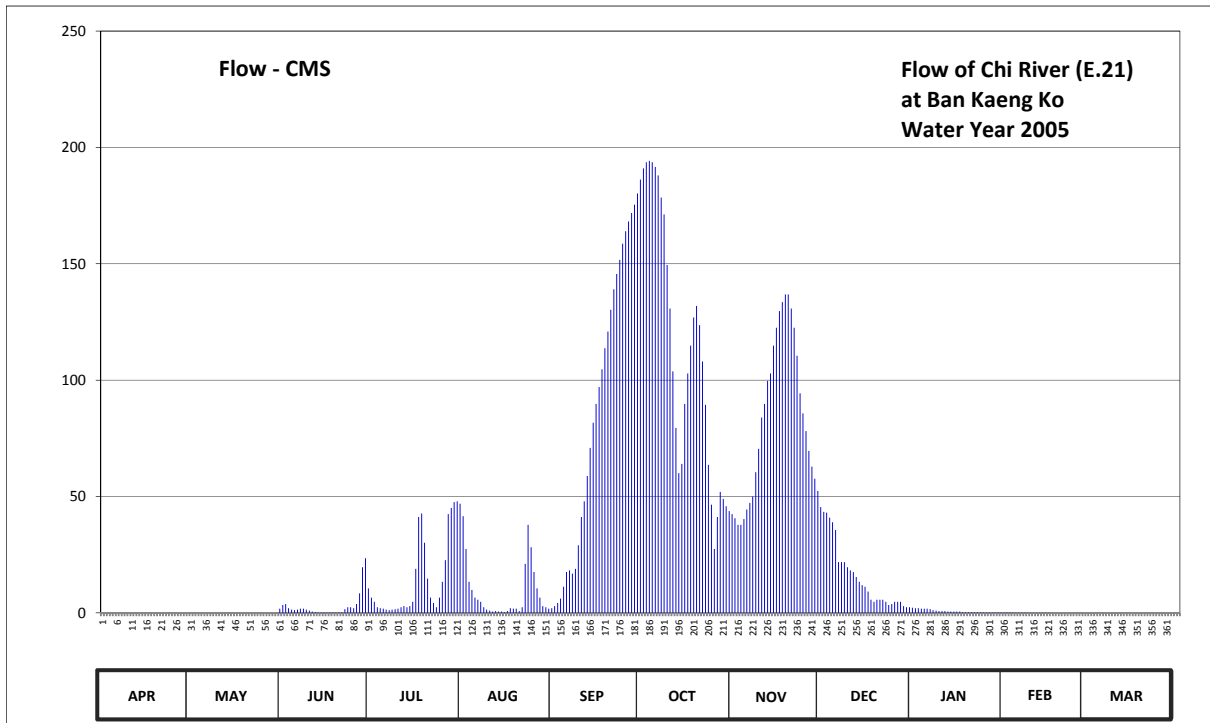
Lat 15 - 45 - 07 N Long 102 - 15 - 25 E

Location : on left bank about 75 meters upstream from the bridge on highway.

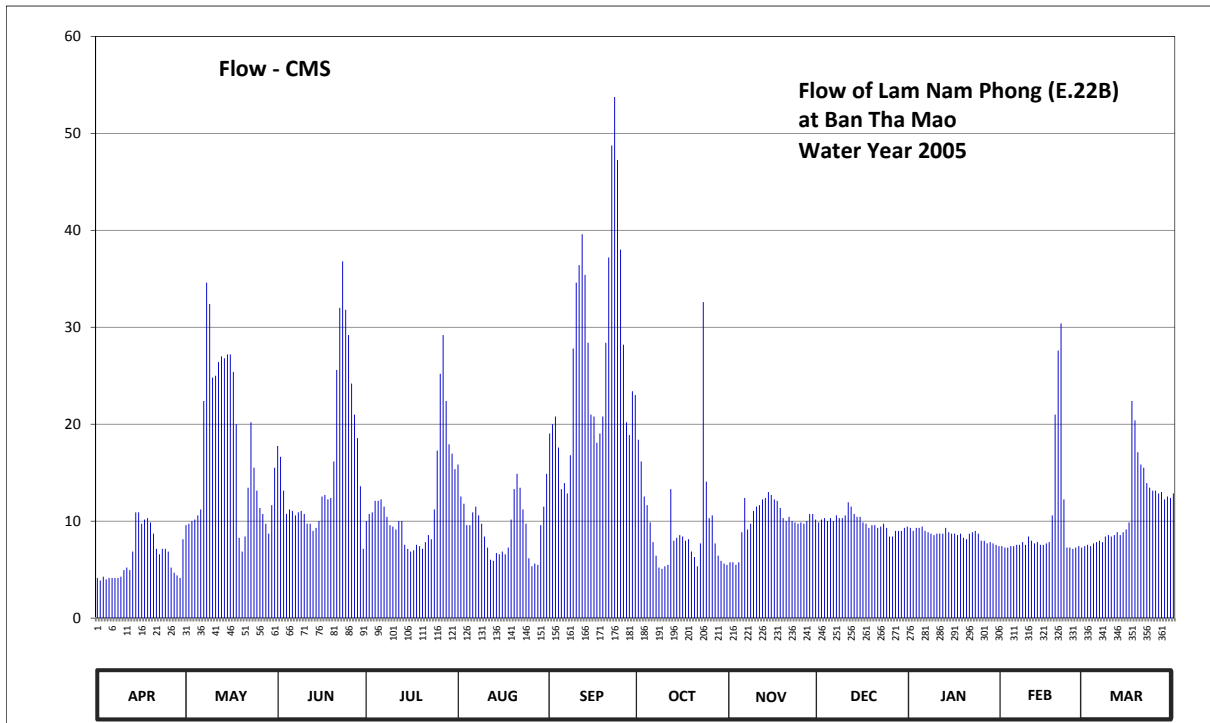
	Ban Kaeng Ko	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	8,777 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+164.980 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	In front of the automatic gage buiding.	Elevation	+174.414 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1955 - 1957 , 1967 to date		
Rating Operation			
Period of Rating	1968 - 1971 , 1973 - 1974 , 1982 to date		
Rated by Flot	-		
Rated by Current Meter	1968 - 1971 , 1973 - 1974 , 1982 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The rubber weir situated about 2 kilometers downstream from the gage site. Stage-discharge relation defined by 22 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	165.71	166.11	167.62	167.69	168.15	167.61	171.20	168.12	168.21	167.58	167.42	166.84	
2	165.72	166.12	167.63	167.65	167.98	167.64	171.24	168.08	168.20	167.58	167.42	166.84	
3	165.79	166.12	167.58	167.60	167.79	167.68	171.25	168.08	168.13	167.57	167.41	166.84	
4	165.78	166.13	167.55	167.58	167.74	167.76	171.24	168.11	168.09	167.57	167.39	166.83	
5	165.80	166.13	167.54	167.57	167.69	167.85	171.21	168.24	168.06	167.57	167.36	166.82	
6	165.80	166.13	167.55	167.55	167.67	167.86	171.15	168.32	167.91	167.56	167.35	166.81	
7	165.80	166.13	167.57	167.54	167.65	167.84	170.99	168.40	167.91	167.54	167.34	166.80	
8	165.80	166.15	167.57	167.55	167.60	167.87	170.87	168.66	167.91	167.53	167.32	166.79	
9	165.81	166.15	167.55	167.56	167.55	168.00	170.50	168.91	167.88	167.52	167.31	166.70	
10	165.81	166.15	167.53	167.57	167.53	168.14	170.16	169.21	167.86	167.52	167.28	166.61	
11	165.82	166.15	167.51	167.60	167.51	168.34	169.65	169.34	167.85	167.52	167.23	166.52	
12	165.82	166.15	167.49	167.61	167.52	168.62	169.11	169.56	167.82	167.51	167.20	166.42	
13	165.82	166.15	167.44	167.60	167.51	168.92	168.65	169.63	167.79	167.51	167.20	166.33	
14	165.83	166.16	167.42	167.61	167.51	169.16	168.75	169.87	167.77	167.51	167.20	166.29	
15	165.83	166.16	167.42	167.65	167.50	169.34	169.34	170.01	167.76	167.51	167.14	166.27	
16	165.86	166.16	167.40	167.87	167.52	169.50	169.63	170.14	167.73	167.51	167.10	166.25	
17	165.86	166.15	167.43	168.14	167.58	169.67	169.87	170.21	167.67	167.49	167.07	166.23	
18	165.86	166.15	167.42	168.19	167.57	169.85	170.09	170.27	167.65	167.48	167.04	166.21	
19	165.88	166.15	167.41	168.01	167.57	169.98	170.18	170.27	167.67	167.48	167.01	166.23	
20	165.99	166.15	167.44	167.81	167.52	170.15	170.03	170.16	167.67	167.47	167.00	166.23	
21	166.02	166.15	167.46	167.69	167.60	170.31	169.74	170.01	167.67	167.46	166.96	166.21	
22	166.05	166.14	167.56	167.64	167.90	170.43	169.33	169.79	167.65	167.45	166.93	166.20	
23	166.05	166.17	167.60	167.60	168.08	170.54	168.74	169.44	167.62	167.44	166.90	166.19	
24	166.05	166.18	167.60	167.69	167.99	170.66	168.30	169.25	167.63	167.43	166.89	166.16	
25	166.05	166.19	167.58	167.79	167.85	170.75	167.98	169.08	167.65	167.43	166.87	166.14	
26	166.05	166.23	167.63	167.92	167.75	170.82	168.14	168.89	167.65	167.42	166.85	166.11	
27	166.08	166.36	167.72	168.18	167.69	170.88	168.45	168.72	167.65	167.42	166.84	166.07	
28	166.09	166.60	167.88	168.26	167.61	170.94	168.37	168.59	167.61	167.42	166.84	166.02	
29	166.09	166.93	167.93	168.33	167.60	171.02	168.28	168.46	167.60	167.42	166.84	166.02	
30	166.09	167.31	167.75	168.34	167.57	171.12	168.22	168.27	167.60	167.42	166.84	166.02	
31		167.57		168.31	167.58		168.18		167.59	167.42	166.84	166.02	
Mean	165.90	166.28	167.56	167.80	167.67	169.31	169.64	169.14	167.79	167.49	167.14	166.38	
Max	166.09	167.57	167.93	168.34	168.15	171.12	171.25	170.27	168.21	167.58	167.42	166.84	171.25
Min	165.71	166.11	167.40	167.54	167.50	167.61	167.98	168.08	167.59	167.42	166.84	165.93	165.71
Annual Max Momentary Gage Height	171.26		m. (MSL.) ,				at 12.00 Hours, on Oct 3, 2005						
Zero Gage at Bottom Elevation	164.98		m. (MSL.) ,			River Bed	164.91		m. (MSL.)				
Left Bank Elevation	177.24		m. (MSL.) ,										
Right Bank Elevation	177.26		m. (MSL.) ,			Drainage Are	8777		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	3.32	6.54	41.50	2.86	191.00	40.60	43.35	1.98	0.18	0.00	
2	0.00	0.00	3.78	4.70	27.40	4.24	193.60	37.80	43.00	1.98	0.18	0.00	
3	0.00	0.00	1.98	2.40	13.30	6.08	194.25	37.80	40.90	1.77	0.17	0.00	
4	0.00	0.00	1.35	1.98	9.80	11.20	193.60	40.30	38.90	1.77	0.14	0.00	
5	0.00	0.00	1.14	1.77	6.54	17.50	191.65	44.40	35.60	1.77	0.11	0.00	
6	0.00	0.00	1.35	1.35	5.62	18.20	188.00	47.20	21.80	1.56	0.10	0.00	
7	0.00	0.00	1.77	1.14	4.70	16.80	178.40	50.00	21.80	1.14	0.09	0.00	
8	0.00	0.00	1.77	1.35	2.40	18.90	171.20	60.40	21.80	0.93	0.07	0.00	
9	0.00	0.00	1.35	1.56	1.35	29.00	149.50	70.45	19.60	0.72	0.06	0.00	
10	0.00	0.00	0.93	1.77	0.93	41.20	130.80	83.95	18.20	0.72	0.05	0.00	
11	0.00	0.00	0.51	2.40	0.51	47.90	103.75	89.80	17.50	0.72	0.04	0.00	
12	0.00	0.00	0.29	2.86	0.72	58.80	79.45	99.70	15.40	0.51	0.03	0.00	
13	0.00	0.00	0.21	2.40	0.51	70.90	60.00	102.85	13.30	0.51	0.03	0.00	
14	0.00	0.00	0.18	2.86	0.51	81.70	64.00	114.85	11.90	0.51	0.03	0.00	
15	0.00	0.00	0.18	4.70	0.30	89.80	89.80	122.55	11.20	0.51	0.02	0.00	
16	0.00	0.00	0.15	18.90	0.72	97.00	102.85	129.70	9.10	0.51	0.01	0.00	
17	0.00	0.00	0.19	41.20	1.98	104.65	114.85	133.55	5.62	0.29	0.01	0.00	
18	0.00	0.00	0.18	42.70	1.77	113.75	126.95	136.85	4.70	0.27	0.00	0.00	
19	0.00	0.00	0.17	30.10	1.77	120.90	131.90	136.85	5.62	0.27	0.00	0.00	
20	0.00	0.00	0.21	14.70	0.72	130.25	123.65	130.80	5.62	0.26	0.00	0.00	
21	0.00	0.00	0.24	6.54	2.40	139.05	108.00	122.55	5.62	0.24	0.00	0.00	
22	0.00	0.00	1.56	4.24	21.00	145.65	89.35	110.50	4.70	0.23	0.00	0.00	
23	0.00	0.00	2.40	2.40	37.80	151.70	63.60	94.30	3.32	0.21	0.00	0.00	
24	0.00	0.00	2.40	6.54	28.20	158.60	46.50	85.75	3.78	0.19	0.00	0.00	
25	0.00	0.00	1.98	13.30	17.50	164.00	27.40	78.10	4.70	0.19	0.00	0.00	
26	0.00	0.00	3.78	22.60	10.50	168.20	41.20	69.60	4.70	0.18	0.00	0.00	
27	0.00	0.00	8.40	42.40	6.54	171.80	52.00	62.80	4.70	0.18	0.00	0.00	
28	0.00	0.00	19.60	45.10	2.86	175.40	48.95	57.60	2.86	0.18	0.00	0.00	
29	0.00	0.00	23.40	47.55	2.40	180.20	45.80	52.40	2.40	0.18	0.00	0.00	
30	0.00	0.06	10.50	47.90	1.77	186.20	43.70	45.45	2.40	0.18	0.00	0.00	
31	0.00	1.77		46.85	1.98		42.40		2.19	0.18	0.00	0.00	
Total	0.00	1.83	95.27	472.80	256.00	2722.43	3388.10	2489.45	446.28	20.84	1.32	0.00	9894.32 CMSDAY
Mean	0.00	0.06	3.18	15.25	8.26	90.75	109.29	82.98	14.40	0.67	0.05	0.00	27.11 CMS
Max	0.00	1.77	23.40	47.90	41.50	186.20	194.25	136.85	43.35	1.98	0.18	0.00	194.25 CMS
Min	0.00	0.00	0.15	1.14	0.30	2.86	27.40	37.80	2.19	0.18	0.00	0.00	0.00 CMS
Runoff	0.00	0.16	8.23	40.85	22.12	235.22	292.73	215.09	38.56	1.80	0.11	0.00	854.87 MCM
Momentary Peak	194.90	CMS, at 171.26 m. (MSL.), at 12.00 Hours, on Oct 3, 2005											
Runoff Yield	3.09	Liters/Second/Square KM. Momentary Peak Yield 22.206 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.14	9.58	17.76	10.02	15.84	19.04	18.40	5.76	9.87	9.30	7.42	7.42		
2	3.87	9.73	16.64	10.75	12.55	20.00	16.16	5.76	10.17	9.00	7.28	7.56		
3	4.28	10.02	13.15	10.90	11.80	20.80	12.55	5.49	10.31	9.30	7.28	7.42		
4	4.00	10.17	10.75	12.10	9.58	17.60	11.65	5.76	10.02	9.30	7.42	7.70		
5	4.14	10.60	11.20	12.10	9.58	13.30	9.87	8.86	10.31	9.44	7.42	7.84		
6	4.14	11.20	11.05	12.25	10.90	13.92	7.84	12.40	10.02	9.00	7.56	7.99		
7	4.14	22.40	10.60	11.50	11.50	12.85	6.44	9.15	10.60	8.86	7.56	7.84		
8	4.14	34.60	10.90	10.45	10.60	16.80	5.22	9.73	10.31	8.71	7.84	8.42		
9	4.28	32.40	11.05	9.58	9.73	27.80	5.09	11.05	10.31	8.57	7.56	8.57		
10	4.95	24.80	10.75	9.44	8.42	34.60	5.35	11.50	10.60	8.71	8.42	8.42		
11	5.22	25.00	9.73	9.15	7.28	36.40	5.49	11.65	11.95	8.71	7.99	8.57		
12	4.95	26.40	9.73	10.02	6.03	39.60	13.30	12.25	11.50	8.71	7.70	8.86		
13	6.86	27.00	9.00	10.02	5.90	35.40	7.99	12.40	10.75	9.30	7.84	8.57		
14	10.90	26.80	9.30	7.56	6.72	28.40	8.28	13.00	10.45	8.86	7.56	8.86		
15	10.90	27.20	10.02	7.14	6.58	21.00	8.57	12.70	10.45	8.71	7.56	9.15		
16	9.73	27.20	12.55	6.86	6.86	20.80	8.42	12.25	9.87	8.71	7.70	9.87		
17	10.17	25.40	12.70	7.00	6.58	18.08	7.99	12.10	9.73	8.57	7.84	22.40		
18	10.31	20.00	12.25	7.56	7.28	19.04	8.13	11.35	9.30	8.71	10.60	20.40		
19	9.87	8.28	12.40	7.42	10.17	20.80	6.86	10.31	9.58	8.28	21.00	17.12		
20	8.71	6.86	16.16	7.14	13.30	28.40	6.30	10.02	9.58	8.13	27.60	15.84		
21	7.14	8.42	25.60	7.84	14.88	37.20	5.35	10.45	9.30	8.71	30.40	15.52		
22	6.58	13.45	32.00	8.57	13.45	48.75	7.70	10.02	9.44	8.86	12.25	13.92		
23	7.14	20.20	36.80	8.13	11.20	53.75	32.60	9.87	9.73	9.00	7.28	13.45		
24	7.14	15.52	31.80	11.20	9.73	47.25	14.08	9.73	9.30	8.71	7.28	13.15		
25	6.86	13.15	29.20	17.28	6.17	38.00	10.31	9.87	8.42	7.99	7.14	13.15		
26	5.22	11.35	24.20	25.20	5.35	28.20	10.60	9.73	8.42	7.99	7.28	12.85		
27	4.68	10.75	21.00	29.20	5.62	20.20	7.70	10.02	9.00	7.70	7.42	13.00		
28	4.41	9.73	18.56	22.40	5.49	18.88	6.44	10.75	9.00	7.84	7.28	12.25		
29	4.14	8.71	13.60	17.92	9.58	23.40	5.90	10.75	9.00	7.70		12.55		
30	8.13	11.65	7.14	16.96	11.50	23.00	5.62	10.17	9.30	7.56		12.40		
31		15.52		15.36	14.88		5.49		9.44	7.42		12.85		
Total	191.14	534.09	477.59	369.02	295.05	803.26	291.69	304.85	306.03	266.36	275.48	353.91	4468.47	CMSDAY
Mean	6.37	17.23	15.92	11.90	9.52	26.78	9.41	10.16	9.87	8.59	9.84	11.42	12.24	CMS
Max	10.90	34.60	36.80	29.20	15.84	53.75	32.60	13.00	11.95	9.44	30.40	22.40	53.75	CMS
Min	3.87	6.86	7.14	6.86	5.35	12.85	5.09	5.49	8.42	7.42	7.14	7.42	3.87	CMS
Runoff	16.51	46.15	41.26	31.88	25.49	69.40	25.20	26.34	26.44	23.01	23.80	30.58	386.08	MCM
Momentary Peak		54.50	CMS, at 154.02 m. (MSL.), at 06.00 Hours, on Sep 23, 2005											
Runoff Yield		0.90	Liters/Second/Square KM.		Momentary Peak Yield		3.996	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Khai , Chaiyaphum (E.23)

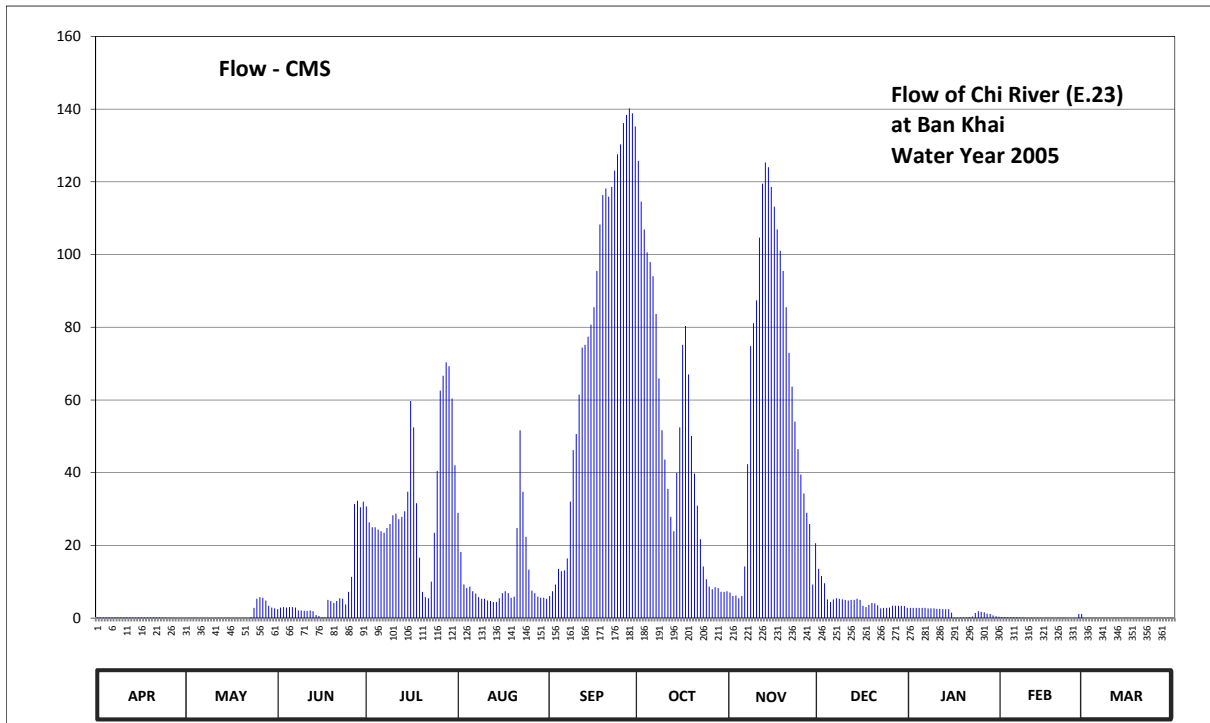
Lat 15 - 40 - 49 N Long 102 - 00 - 46 E

Location : on left bank at the bridge on highway.

	Ban Khai	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	6,282 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+174.000 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank about 20 meters from the automatic gage building.	Elevation	+184.753 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1954 - 1956 , 1967 to date		
Rating Operation			
Period of Rating	1968 - 1974 , 1982 to date		
Rated by Flot	-		
Rated by Current Meter	1968 - 1974 , 1982 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The local weir situated about 50 meters downstream from the gage site. Stage-discharge relation defined by 31 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.00	176.76	177.42	178.85	178.77	177.69	181.64	177.75	178.07	177.45	177.10	177.23	
2	177.00	176.76	177.46	178.65	178.28	177.77	181.39	177.69	177.98	177.45	177.09	177.07	
3	177.00	176.76	177.47	178.59	177.87	177.87	181.22	177.70	177.89	177.45	177.08	176.84	
4	177.01	176.75	177.46	178.59	177.82	178.07	181.08	177.65	177.63	177.45	177.07	176.73	
5	177.01	176.73	177.47	178.56	177.84	178.04	181.02	177.69	177.58	177.45	177.06	176.67	
6	177.01	176.72	177.47	178.54	177.77	178.05	180.92	178.10	177.63	177.45	177.06	176.64	
7	177.00	176.74	177.46	178.52	177.73	178.20	180.64	179.32	177.65	177.44	176.99	176.64	
8	177.00	176.78	177.39	178.58	177.67	178.91	180.16	180.40	177.64	177.44	176.94	176.64	
9	177.00	176.78	177.39	178.63	177.64	179.47	179.68	180.57	177.63	177.44	176.90	176.63	
10	177.00	176.78	177.38	178.74	177.64	179.64	179.37	180.74	177.62	177.43	176.88	176.61	
11	177.00	176.79	177.37	178.76	177.61	180.04	179.06	181.17	177.61	177.43	176.86	176.61	
12	177.00	176.80	177.39	178.69	177.60	180.39	178.72	181.50	177.62	177.42	176.84	176.63	
13	176.98	176.79	177.36	178.72	177.58	180.41	178.54	181.63	177.62	177.42	176.84	176.71	
14	176.98	176.77	177.23	178.79	177.58	180.47	179.23	181.60	177.64	177.42	176.84	176.96	
15	176.99	176.76	177.19	179.03	177.65	180.56	179.71	181.48	177.62	177.31	176.81	177.06	
16	176.98	176.76	177.00	179.99	177.74	180.69	180.41	181.36	177.50	176.94	176.80	177.14	
17	176.98	176.75	177.01	179.71	177.77	180.96	180.55	181.22	177.47	176.91	176.80	177.20	
18	176.98	176.74	177.62	178.89	177.74	181.25	180.19	181.09	177.52	176.98	176.79	177.25	
19	176.97	176.74	177.60	178.21	177.66	181.43	179.62	180.96	177.56	176.98	176.77	177.30	
20	176.97	176.78	177.56	177.76	177.68	181.47	179.22	180.69	177.55	176.99	176.76	177.32	
21	176.98	176.78	177.60	177.67	178.58	181.42	178.86	180.35	177.51	177.05	176.73	177.34	
22	176.99	176.79	177.65	177.65	179.68	181.48	178.44	180.10	177.44	177.15	176.69	177.36	
23	176.97	177.08	177.64	177.91	179.03	181.58	178.10	179.77	177.45	177.30	176.68	177.35	
24	176.91	177.45	177.53	178.52	178.47	181.68	177.94	179.48	177.45	177.36	176.66	177.35	
25	176.90	177.64	177.76	179.25	178.06	181.74	177.84	179.21	177.46	177.34	176.65	177.36	
26	176.87	177.67	177.97	180.07	177.78	181.87	177.80	179.01	177.50	177.32	176.76	177.36	
27	176.84	177.66	178.88	180.18	177.74	181.92	177.83	178.77	177.50	177.28	177.27	177.36	
28	176.82	177.61	178.92	180.28	177.68	181.96	177.82	178.63	177.50	177.27	177.27	177.36	
29	176.79	177.50	178.84	180.25	177.66	181.93	177.76	177.87	177.50	177.22		177.36	
30	176.76	177.46	178.91	180.01	177.66	181.85	177.76	178.39	177.49	177.17		177.37	
31		177.44		179.31	177.64		177.77		177.45	177.13		177.39	
Mean	176.96	176.98	177.65	178.90	177.92	180.29	179.36	179.73	177.59	177.29	176.89	177.06	
Max	177.01	177.67	178.92	180.28	179.68	181.96	181.64	181.63	178.07	177.45	177.27	177.39	181.96
Min	176.76	176.72	177.00	177.65	177.58	177.69	177.76	177.65	177.44	176.91	176.65	176.61	176.61
Annual Max Momentary Gage Height	181.96		m. (MSL.) ,			at 06.00 Hours, on Sep 28, 2005							
Zero Gage at Bottom Elevation	174.00		m. (MSL.) ,			River Bed	175.44	m. (MSL.)					
Left Bank Elevation		184.92		m. (MSL.) ,									
Right Bank Elevation		185.41		m. (MSL.) ,		Drainage Are	6,282	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.04	2.44	30.70	28.94	6.05	125.80	7.05	13.54	2.80	0.30	0.00	
2	0.20	0.04	2.92	26.30	18.16	7.39	114.55	6.05	11.56	2.80	0.29	0.00	
3	0.20	0.04	3.04	24.98	9.23	9.23	106.90	6.20	9.61	2.80	0.28	0.00	
4	0.21	0.04	2.92	24.98	8.28	13.54	100.60	5.45	5.15	2.80	0.27	0.00	
5	0.21	0.03	3.04	24.32	8.66	12.88	97.90	6.05	4.44	2.80	0.26	0.00	
6	0.21	0.03	3.04	23.88	7.39	13.10	94.04	14.20	5.15	2.80	0.26	0.00	
7	0.20	0.03	2.92	23.44	6.71	16.40	83.68	42.32	5.45	2.68	0.19	0.00	
8	0.20	0.04	2.12	24.76	5.75	32.02	65.92	74.80	5.30	2.68	0.14	0.00	
9	0.20	0.04	2.12	25.86	5.30	46.22	51.68	81.09	5.15	2.68	0.10	0.00	
10	0.20	0.04	2.04	28.28	5.30	50.64	43.62	87.38	5.00	2.56	0.09	0.00	
11	0.20	0.05	1.96	28.72	4.85	61.48	35.56	104.65	4.85	2.56	0.08	0.00	
12	0.20	0.05	2.12	27.18	4.70	74.43	27.84	119.50	5.00	2.44	0.07	0.00	
13	0.18	0.05	1.88	27.84	4.44	75.17	23.88	125.35	5.00	2.44	0.07	0.00	
14	0.18	0.04	0.84	29.38	4.44	77.39	39.98	124.00	5.30	2.44	0.07	0.00	
15	0.19	0.04	0.57	34.78	5.45	80.72	52.46	118.60	5.00	1.48	0.05	0.00	
16	0.18	0.04	0.20	59.74	6.88	85.53	75.17	113.20	3.40	0.14	0.05	0.00	
17	0.18	0.04	0.21	52.46	7.39	95.52	80.35	106.90	3.04	0.11	0.05	0.00	
18	0.18	0.03	5.00	31.58	6.88	108.25	67.03	101.05	3.66	0.18	0.05	0.00	
19	0.17	0.03	4.70	16.62	5.60	116.35	50.12	95.52	4.18	0.18	0.04	0.00	
20	0.17	0.04	4.18	7.22	5.90	118.15	39.72	85.53	4.05	0.19	0.04	0.00	
21	0.18	0.04	4.70	5.75	24.76	115.90	30.92	72.95	3.53	0.25	0.03	0.00	
22	0.19	0.05	5.45	5.45	51.68	118.60	21.68	63.70	2.68	0.45	0.02	0.00	
23	0.17	0.28	5.30	10.02	34.78	123.10	14.20	54.02	2.80	1.40	0.02	0.00	
24	0.11	2.80	3.79	23.44	22.34	127.60	10.68	46.48	2.80	1.88	0.01	0.00	
25	0.10	5.30	7.22	40.50	13.32	130.30	8.66	39.46	2.92	1.72	0.01	0.00	
26	0.08	5.75	11.34	62.59	7.56	136.15	7.90	34.26	3.40	1.56	0.04	0.00	
27	0.07	5.60	31.36	66.66	6.88	138.40	8.47	28.94	3.40	1.24	1.16	0.00	
28	0.06	4.85	32.24	70.36	5.90	140.20	8.28	25.86	3.40	1.16	1.16	0.00	
29	0.05	3.40	30.48	69.25	5.60	138.85	7.22	9.23	3.40	0.76	0.00	0.00	
30	0.04	2.92	32.02	60.37	5.60	135.25	7.22	20.58	3.28	0.51	0.00	0.00	
31		2.68		42.06	5.30		7.39		2.80	0.39		0.00	
Total	4.91	34.45	212.16	1029.47	343.97	2404.81	1509.42	1820.37	148.24	50.88	5.20	0.00	7563.88 CMSDAY
Mean	0.16	1.11	7.07	33.21	11.10	80.16	48.69	60.68	4.78	1.64	0.19	0.00	20.72 CMS
Max	0.21	5.75	32.24	70.36	51.68	140.20	125.80	125.35	13.54	2.80	1.16	0.00	140.20 CMS
Min	0.04	0.03	0.20	5.45	4.44	6.05	7.22	5.45	2.68	0.11	0.01	0.00	0.00 CMS
Runoff	0.42	2.98	18.33	88.95	29.72	207.78	130.41	157.28	12.81	4.40	0.45	0.00	653.52 MCM
Momentary Peak	140.20	CMS, at 181.96 m. (MSL.), at 06.00 Hours, on Sep 28, 2005											
Runoff Yield	3.30	Liters/Second/Square KM.		Momentary Peak Yield		22.318	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Nam Phong at Ban Pha Nok Khao , Loei (E.29)

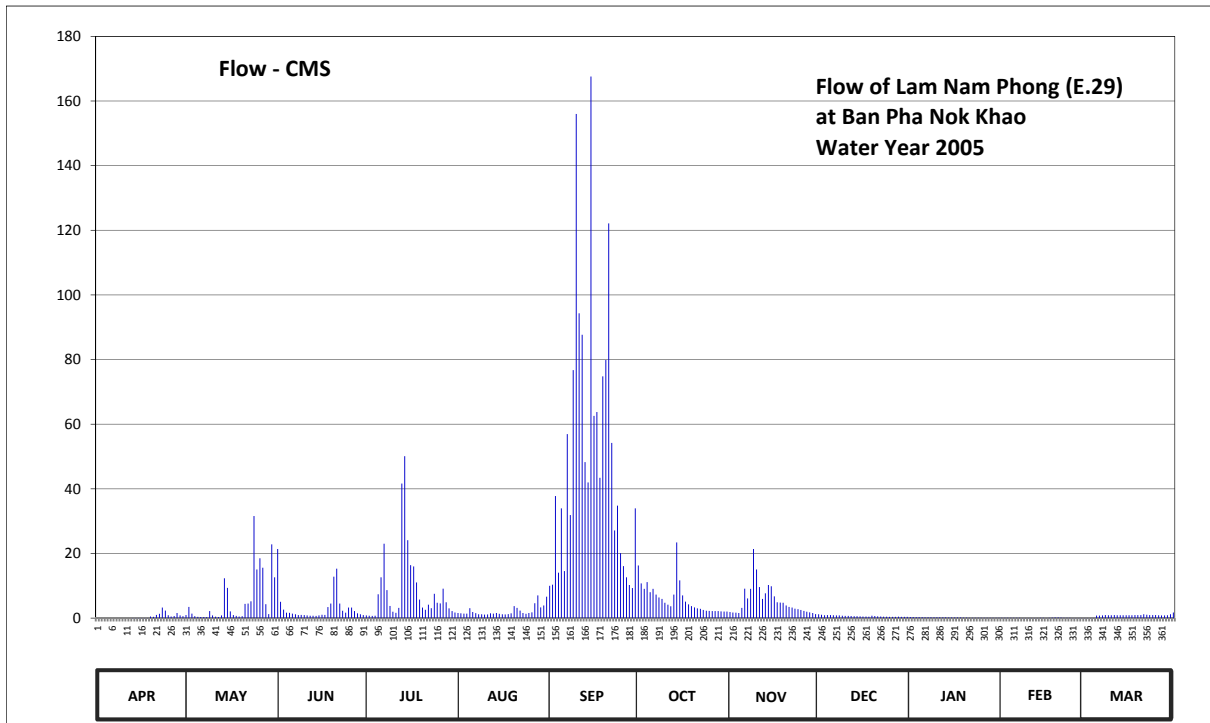
Lat 16 - 50 - 44 N Long 101 - 56 - 54 E

Location : on left bank in the vicinity of the forestry office about 400 meters from the bridge on highway.

	Ban	Pha Nok Khao	Amphoe	Phu Kradung	Changwat	Loei
Drainage Area	949	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+225.000 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	In front of the automatic gage buiding.				Elevation	+236.945 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1956 - 1958 , 1967 to date					
Rating Operation						
Period of Rating	1978 to date					
Rated by Flot	-					
Rated by Current Meter	1978 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by Ubonrat Dam. Stage-discharge relation defined by 80 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	225.57	225.88	228.54	225.86	226.04	227.25	228.03	226.11	225.94	225.71	225.62	225.59	
2	225.57	226.38	226.63	225.83	226.02	227.29	227.34	226.08	225.91	225.71	225.62	225.59	
3	225.56	225.99	226.24	225.82	225.99	229.84	227.13	226.07	225.87	225.70	225.62	225.58	
4	225.56	225.79	226.07	225.83	226.00	227.76	227.39	226.04	225.88	225.69	225.62	225.60	
5	225.56	225.73	226.06	226.92	226.31	229.57	227.00	226.33	225.88	225.69	225.62	225.85	
6	225.56	225.72	226.00	227.58	226.11	227.82	227.13	227.14	225.87	225.68	225.61	225.85	
7	225.56	225.72	225.95	228.70	226.03	230.94	226.91	226.76	225.86	225.68	225.61	225.86	
8	225.54	225.70	225.88	227.08	225.95	229.42	226.80	227.13	225.86	225.68	225.60	225.88	
9	225.53	226.16	225.90	226.43	225.94	231.78	226.74	228.54	225.84	225.68	225.60	225.87	
10	225.53	225.86	225.89	226.13	225.92	234.15	226.59	227.88	225.82	225.68	225.60	225.87	
11	225.53	225.75	225.86	226.06	225.93	232.41	226.49	227.20	225.82	225.67	225.59	225.88	
12	225.56	225.72	225.84	226.33	226.02	232.19	226.41	226.74	225.81	225.67	225.59	225.87	
13	225.58	225.86	225.83	230.09	226.00	230.46	226.91	226.96	225.80	225.67	225.60	225.87	
14	225.58	227.54	225.82	230.56	226.04	230.11	228.74	227.28	225.79	225.66	225.61	225.87	
15	225.58	227.17	225.86	228.81	225.98	234.44	227.46	227.23	225.78	225.66	225.61	225.87	
16	225.58	226.15	225.91	228.04	225.95	231.19	226.88	226.84	225.77	225.65	225.60	225.87	
17	225.58	225.88	225.90	228.00	225.93	231.24	226.64	226.61	225.76	225.65	225.61	225.87	
18	225.58	225.82	226.37	227.38	225.96	230.19	226.51	226.60	225.75	225.65	225.63	225.88	
19	225.76	225.77	226.55	226.72	226.02	231.70	226.42	226.59	225.84	225.64	225.66	225.89	
20	225.73	225.79	227.60	226.34	226.42	231.91	226.35	226.45	225.81	225.63	225.66	225.89	
21	225.90	226.53	227.91	226.23	226.33	233.24	226.30	226.38	225.78	225.62	225.63	225.94	
22	225.98	226.55	226.55	226.49	226.19	230.79	226.28	226.34	225.76	225.62	225.62	225.91	
23	226.34	226.65	226.18	226.31	226.05	229.08	226.22	226.29	225.75	225.62	225.61	225.89	
24	226.19	229.40	226.07	226.94	225.98	229.63	226.18	226.26	225.74	225.62	225.61	225.88	
25	225.87	227.88	226.34	226.59	226.05	228.41	226.17	226.22	225.73	225.62	225.59	225.88	
26	225.77	228.25	226.34	226.56	226.10	228.01	226.16	226.17	225.73	225.62	225.60	225.87	
27	225.81	227.95	226.16	227.14	226.57	227.58	226.16	226.13	225.73	225.62	225.60	225.86	
28	226.05	226.52	226.02	226.61	226.88	227.28	226.16	226.09	225.74	225.62	225.60	225.86	
29	225.86	225.96	225.95	226.30	226.35	227.16	226.15	226.04	225.73	225.62	225.62	225.87	
30	225.80	228.68	225.89	226.16	226.45	229.57	226.14	225.96	225.73	225.62	225.62	225.95	
31		227.58		226.08	226.83		226.14		225.73	225.62		226.08	
Mean	225.71	226.53	226.27	226.97	226.14	230.08	226.71	226.62	225.80	225.65	225.61	225.85	
Max	226.34	229.40	228.54	230.56	226.88	234.44	228.74	228.54	225.94	225.71	225.66	226.08	234.44
Min	225.53	225.70	225.82	225.82	225.92	227.16	226.14	225.96	225.73	225.62	225.59	225.58	225.53
Annual Max Momentary Gage Height	234.93		m. (MSL.) ,			at 13.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	225.00		m. (MSL.) ,			River Bed	225.39	m. (MSL.)					
Left Bank Elevation		237.99		m. (MSL.) ,									
Right Bank Elevation		237.99		m. (MSL.) ,		Drainage Are	949	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	0.92	21.40	0.84	1.56	10.00	16.30	1.86	1.16	0.33	0.11	0.05	
2	0.02	3.48	5.04	0.72	1.48	10.32	10.72	1.72	1.04	0.33	0.11	0.05	
3	0.01	1.36	2.64	0.68	1.36	37.76	9.04	1.68	0.88	0.30	0.11	0.04	
4	0.01	0.57	1.68	0.72	1.40	14.08	11.12	1.56	0.92	0.28	0.11	0.06	
5	0.01	0.39	1.64	7.36	3.06	33.98	8.00	3.18	0.92	0.28	0.11	0.80	
6	0.01	0.36	1.40	12.64	1.86	14.56	9.04	9.12	0.88	0.25	0.08	0.80	
7	0.01	0.36	1.20	23.00	1.52	56.92	7.28	6.08	0.84	0.25	0.08	0.84	
8	0.00	0.30	0.92	8.64	1.20	31.88	6.40	9.04	0.84	0.25	0.06	0.92	
9	0.00	2.16	1.00	3.78	1.16	76.72	5.92	21.40	0.76	0.25	0.06	0.88	
10	0.00	0.84	0.96	1.98	1.08	156.00	4.74	15.04	0.68	0.25	0.06	0.88	
11	0.00	0.45	0.84	1.64	1.12	94.30	4.14	9.60	0.68	0.23	0.05	0.92	
12	0.01	0.36	0.76	3.18	1.48	87.70	3.66	5.92	0.64	0.23	0.05	0.88	
13	0.04	0.84	0.72	41.62	1.40	48.28	7.28	7.68	0.60	0.23	0.06	0.88	
14	0.04	12.32	0.68	50.08	1.56	41.98	23.40	10.24	0.57	0.20	0.08	0.88	
15	0.04	9.36	0.84	24.10	1.32	167.60	11.68	9.84	0.54	0.20	0.08	0.88	
16	0.04	2.10	1.04	16.40	1.20	62.56	7.04	6.72	0.51	0.18	0.06	0.88	
17	0.04	0.92	1.00	16.00	1.12	63.76	5.12	4.88	0.48	0.18	0.08	0.88	
18	0.04	0.68	3.42	11.04	1.24	43.42	4.26	4.80	0.45	0.18	0.13	0.92	
19	0.48	0.51	4.50	5.76	1.48	74.80	3.72	4.74	0.76	0.16	0.20	0.96	
20	0.39	0.57	12.80	3.24	3.72	79.84	3.30	3.90	0.64	0.13	0.20	0.96	
21	1.00	4.38	15.28	2.58	3.18	122.16	3.00	3.48	0.54	0.11	0.13	1.16	
22	1.32	4.50	4.50	4.14	2.34	54.22	2.88	3.24	0.48	0.11	0.11	1.04	
23	3.24	5.20	2.28	3.06	1.60	27.12	2.52	2.94	0.45	0.11	0.08	0.96	
24	2.34	31.60	1.68	7.52	1.32	34.82	2.28	2.76	0.42	0.11	0.08	0.92	
25	0.88	15.04	3.24	4.74	1.60	20.10	2.22	2.52	0.39	0.11	0.05	0.92	
26	0.51	18.50	3.24	4.56	1.80	16.10	2.16	2.22	0.39	0.11	0.06	0.88	
27	0.64	15.60	2.16	9.12	4.62	12.64	2.16	1.98	0.39	0.11	0.06	0.84	
28	1.60	4.32	1.48	4.88	7.04	10.24	2.16	1.76	0.42	0.11	0.06	0.84	
29	0.84	1.24	1.20	3.00	3.30	9.28	2.10	1.56	0.39	0.11		0.88	
30	0.60	22.80	0.96	2.16	3.90	33.98	2.04	1.24	0.39	0.11		1.20	
31		12.64		1.72	6.64		2.04		0.39	0.11		1.72	
Total	14.18	174.67	100.50	280.90	68.66	1547.12	187.72	162.70	19.44	5.90	2.51	25.72	2590.02 CMSDAY
Mean	0.47	5.63	3.35	9.06	2.21	51.57	6.06	5.42	0.63	0.19	0.09	0.83	7.10 CMS
Max	3.24	31.60	21.40	50.08	7.04	167.60	23.40	21.40	1.16	0.33	0.20	1.72	167.60 CMS
Min	0.00	0.30	0.68	0.68	1.08	9.28	2.04	1.24	0.39	0.11	0.05	0.04	0.00 CMS
Runoff	1.23	15.09	8.68	24.27	5.93	133.67	16.22	14.06	1.68	0.51	0.22	2.22	223.78 MCM
Momentary Peak	189.78	CMS, at 234.93 m. (MSL.), at 13.00 Hours, on Sep 15, 2005											
Runoff Yield	7.48	Liters/Second/Square KM. Momentary Peak Yield 199.979 Liters/Second/Square KM.											

WATER YEAR : 2005**CHI RIVER BASIN****Chi River at Ban Nong O , Chaiyaphum (E.32A)**

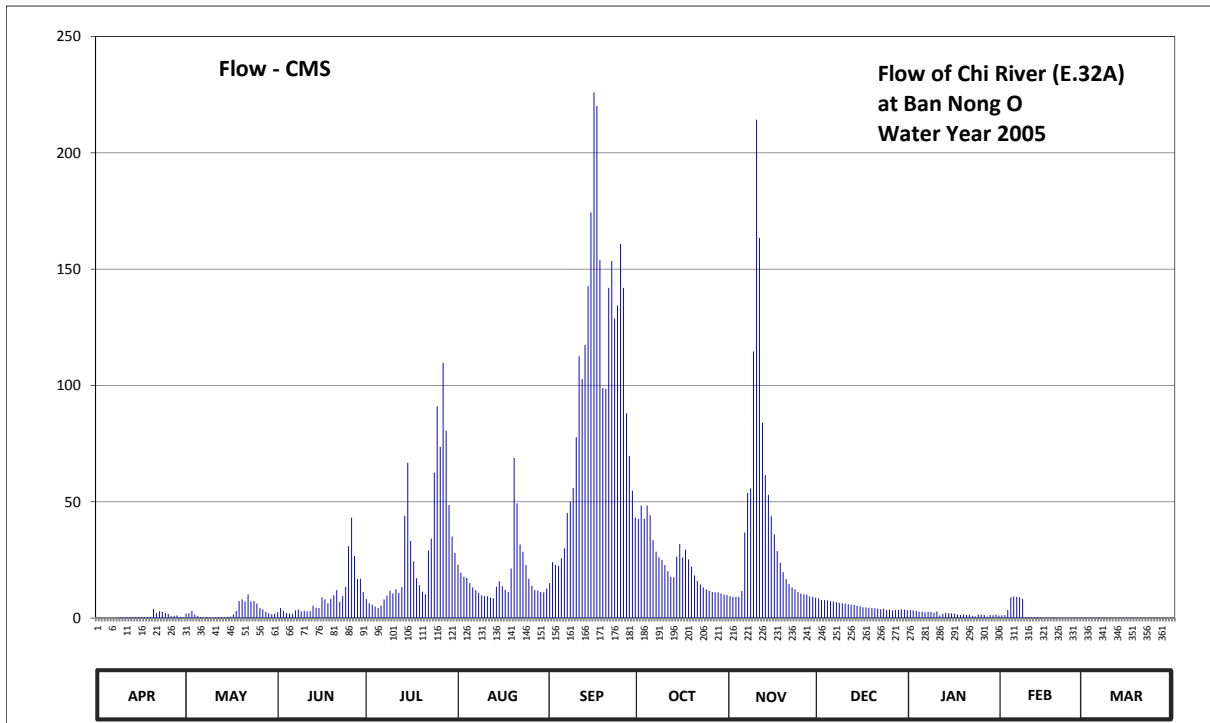
Lat 15 - 54 - 41 N Long 101 - 42 - 42 E

Location : on right bank about 500 meters north of Ban Nong O from about 600 meters upstream from E.32 gaging station.

	Ban Nong O	Amphoe Ban Khwao	Changwat Chaiyaphum
Drainage Area	2,867 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+198.000 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank at the measuring line.		Elevation +210.661 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1966 to date		
Rating Operation			
Period of Rating	1968 to date		
Rated by Flot	-		
Rated by Current Meter	1968 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records good. Stage-discharge relation defined by 77 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	198.60	198.76	198.82	199.26	200.08	199.67	201.33	199.34	199.28	198.90	198.67	198.62	
2	198.57	198.78	198.97	199.13	199.89	200.16	201.62	199.32	199.23	198.89	198.68	198.62	
3	198.33	198.88	198.87	199.08	199.81	200.07	201.34	199.32	199.23	198.87	198.91	198.66	
4	198.30	198.71	198.79	199.02	199.79	200.03	201.62	199.32	199.22	198.84	199.31	198.66	
5	198.35	198.64	198.76	198.97	199.67	200.29	201.41	199.48	199.20	198.84	199.33	198.63	
6	198.39	198.56	198.75	199.05	199.57	200.60	200.83	201.04	199.19	198.82	199.32	198.66	
7	198.46	198.51	198.89	199.25	199.50	201.46	200.50	201.87	199.16	198.84	199.31	198.68	
8	198.93	198.55	198.92	199.35	199.43	201.70	200.31	201.95	199.14	198.83	199.27	198.61	
9	199.21	198.48	198.85	199.49	199.36	201.96	200.23	203.89	199.13	198.80	199.27	198.61	
10	199.14	198.49	198.88	199.41	199.34	202.76	200.06	206.27	199.12	198.85	199.28	198.65	
11	199.17	198.54	198.86	199.52	199.34	203.83	199.92	205.14	199.10	198.67	199.27	198.72	
12	199.32	198.54	198.86	199.43	199.30	203.55	199.81	202.97	199.08	198.74	199.27	198.68	
13	199.36	198.56	199.05	199.58	199.28	203.97	199.80	202.18	199.07	198.80	199.28	198.64	
14	199.40	198.54	198.98	201.40	199.59	204.63	200.34	201.84	199.04	198.78	199.18	198.65	
15	199.37	198.57	198.97	202.39	199.71	205.40	200.72	201.39	199.03	198.77	198.88	198.65	
16	199.38	198.58	199.31	200.81	199.60	206.51	200.31	201.00	199.00	198.76	198.91	198.66	
17	199.38	198.72	199.25	200.18	199.51	206.39	200.56	200.52	198.99	198.72	198.86	198.63	
18	199.36	198.87	199.13	199.78	199.45	204.91	200.25	200.14	198.98	198.70	198.87	198.63	
19	199.31	199.20	199.27	199.62	199.97	203.44	200.01	199.90	198.97	198.72	198.89	198.62	
20	198.94	199.25	199.37	199.46	202.46	203.43	199.84	199.76	198.96	198.70	198.84	198.62	
21	198.78	199.19	199.50	199.39	201.67	204.61	199.72	199.65	198.95	198.71	198.79	198.71	
22	198.86	199.39	199.18	200.54	200.71	204.90	199.64	199.57	198.93	198.65	198.74	198.59	
23	198.84	199.19	199.34	200.88	200.50	204.28	199.57	199.52	198.95	198.61	198.73	198.68	
24	198.79	199.20	199.58	202.22	200.06	204.42	199.52	199.45	198.91	198.71	198.69	198.58	
25	198.75	199.12	200.66	203.20	199.77	205.08	199.49	199.41	198.92	198.71	198.68	198.58	
26	198.63	198.97	201.36	202.62	199.61	204.61	199.45	199.39	198.89	198.70	198.69	198.61	
27	198.64	198.93	200.36	203.75	199.50	203.10	199.44	199.38	198.91	198.59	198.71	198.58	
28	198.67	198.84	199.76	202.85	199.49	202.49	199.44	199.33	198.91	198.69	198.70	198.58	
29	198.57	198.77	199.77	201.63	199.45	201.91	199.41	199.32	198.93	198.68		198.51	
30	198.53	198.73	199.45	200.94	199.44	201.36	199.38	199.30	198.92	198.71		198.57	
31		198.75		200.46	199.54		199.37		198.90	198.66		198.72	
Mean	198.88	198.80	199.28	200.41	199.82	203.05	200.17	200.70	199.04	198.75	198.98	198.63	
Max	199.40	199.39	201.36	203.75	202.46	206.51	201.62	206.27	199.28	198.90	199.33	198.72	206.51
Min	198.30	198.48	198.75	198.97	199.28	199.67	199.37	199.30	198.89	198.59	198.67	198.51	198.30
Annual Max Momentary Gage Height	206.70		m. (MSL.) ,			at 18.00 Hours, on Sep 16, 2005							
Zero Gage at Bottom Elevation	198.00		m. (MSL.) ,			River Bed	197.52	m. (MSL.)					
Left Bank Elevation		210.71		m. (MSL.) ,									
Right Bank Elevation		210.80		m. (MSL.) ,		Drainage Are	2,867	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.09	1.94	2.52	8.20	23.04	15.03	42.60	9.44	8.50	3.40	1.19	0.10		
2	0.08	2.12	4.31	6.39	19.48	24.08	48.40	9.12	7.75	3.29	1.26	0.10		
3	0.01	3.18	3.07	5.74	17.72	22.91	42.80	9.12	7.75	3.07	3.53	0.11		
4	0.00	1.49	2.21	4.96	17.31	22.39	48.40	9.12	7.60	2.74	8.96	0.11		
5	0.02	0.98	1.94	4.31	15.03	25.77	44.20	11.68	7.30	2.74	9.28	0.10		
6	0.03	0.50	1.85	5.35	13.19	30.00	33.45	36.80	7.17	2.52	9.12	0.11		
7	0.05	0.25	3.29	8.05	12.00	45.20	28.50	53.75	6.78	2.74	8.96	0.11		
8	0.19	0.45	3.66	9.60	10.88	50.00	26.03	55.75	6.52	2.63	8.35	0.09		
9	0.36	0.18	2.85	11.84	9.76	56.00	24.99	114.65	6.39	2.30	0.40	0.09		
10	0.31	0.19	3.18	10.56	9.44	77.80	22.78	214.23	6.26	2.85	0.41	0.10		
11	0.33	0.40	2.96	12.34	9.44	112.55	20.16	163.38	6.00	1.19	0.40	0.13		
12	0.43	0.40	2.96	10.88	8.80	102.75	17.72	84.10	5.74	1.76	0.40	0.11		
13	0.46	0.50	5.35	13.36	8.50	117.45	17.50	61.50	5.61	2.30	0.41	0.10		
14	0.49	0.40	4.44	44.00	13.53	142.70	26.42	53.00	5.22	2.12	0.34	0.10		
15	0.47	0.55	4.31	66.75	15.79	174.30	31.80	43.80	5.09	2.03	0.17	0.10		
16	0.48	0.60	8.96	33.15	13.70	225.99	26.03	36.00	4.70	1.94	0.18	0.11		
17	0.48	1.58	8.05	24.34	12.17	220.11	29.40	28.80	4.57	1.58	0.17	0.10		
18	0.46	3.07	6.39	17.12	11.20	153.90	25.25	23.82	4.44	1.40	0.17	0.10		
19	0.43	7.30	8.35	14.08	21.31	98.90	22.13	19.70	4.31	1.58	0.18	0.10		
20	3.92	8.05	9.92	11.36	68.80	98.55	18.38	16.74	4.18	1.40	0.16	0.10		
21	2.12	7.17	12.00	10.24	49.40	141.90	15.98	14.65	4.05	1.49	0.15	0.12		
22	2.96	10.24	7.04	29.10	31.65	153.50	14.46	13.19	3.79	1.05	0.13	0.09		
23	2.74	7.17	9.44	34.20	28.50	128.70	13.19	12.34	4.05	0.77	0.13	0.11		
24	2.21	7.30	13.36	62.50	22.78	134.30	12.34	11.20	3.53	1.49	0.12	0.08		
25	1.85	6.26	30.90	91.00	16.93	160.86	11.84	10.56	3.66	1.49	0.11	0.08		
26	0.91	4.31	43.20	73.60	13.89	141.90	11.20	10.24	3.29	1.40	0.12	0.09		
27	0.98	3.79	26.68	109.75	12.00	88.00	11.04	10.08	3.53	0.65	0.12	0.08		
28	1.19	2.74	16.74	80.50	11.84	69.70	11.04	9.28	3.53	1.33	0.12	0.08		
29	0.55	2.03	16.93	48.60	11.20	54.75	10.56	9.12	3.79	1.26		0.06		
30	0.35	1.67	11.20	35.10	11.04	43.20	10.08	8.80	3.66	1.49		0.08		
31		1.85		27.98	12.68		9.92		3.40	1.12		0.13		
Total	24.95	88.66	278.06	924.95	553.00	2933.19	728.59	1163.96	162.16	59.12	55.04	3.07	6974.75	CMSDAY
Mean	0.83	2.86	9.27	29.84	17.84	97.77	23.50	38.80	5.23	1.91	1.97	0.10	19.11	CMS
Max	3.92	10.24	43.20	109.75	68.80	225.99	48.40	214.23	8.50	3.40	9.28	0.13	225.99	CMS
Min	0.00	0.18	1.85	4.31	8.50	15.03	9.92	8.80	3.29	0.65	0.11	0.06	0.00	CMS
Runoff	2.16	7.66	24.02	79.92	47.78	253.43	62.95	100.57	14.01	5.11	4.76	0.27	602.62	MCM
Momentary Peak	235.30 CMS, at 206.70 m. (MSL.), at 18.00 Hours, on Sep 16, 2005													
Runoff Yield	6.67 Liters/Second/Square KM.			Momentary Peak Yield			82.072 Liters/Second/Square KM.							

WATER YEAR : 2005**CHI RIVER BASIN**

Nam Yang at Ban Kaeng Yao , Kalasin (E.54)

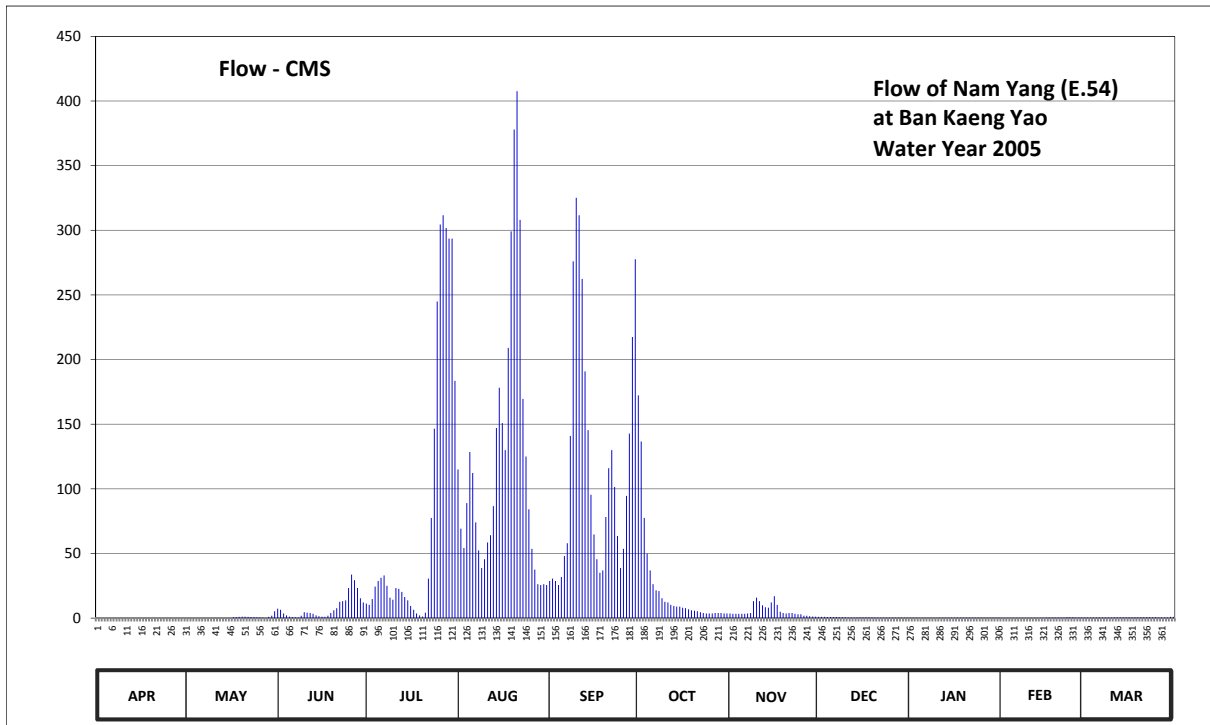
Lat 16 - 26 - 28 N Long 104 - 02 - 05 E

Location : on right bank at Ban Kaeng Yao about 2 kilometers downstream from proposed of USBR Damsite.

	Ban Kaeng Yao	Amphoe Kuchinarai	Changwat Kalasin
Drainage Area	1,548 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+138.340 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+149.988 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1969 to date		
Rating Operation			
Period of Rating	1969 - 1977 , 1983 to date		
Rated by Flot	-		
Rated by Current Meter	1969 - 1977 , 1983 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The weir situated about 100 meters downstream from the gage site. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	138.91	138.93	140.58	140.67	142.20	140.98	143.17	140.48	140.38	140.33	140.32	140.34	
2	138.96	138.86	140.56	140.65	141.63	141.01	142.52	140.47	140.38	140.33	140.32	140.34	
3	138.99	138.85	140.48	140.74	141.39	140.98	141.75	140.47	140.38	140.33	140.32	140.34	
4	138.99	138.95	140.43	140.91	141.90	140.93	141.32	140.47	140.37	140.32	140.32	140.34	
5	138.95	139.01	140.39	140.98	142.37	141.03	141.11	140.47	140.37	140.32	140.32	140.34	
6	138.94	139.50	140.37	141.02	142.17	141.29	140.94	140.47	140.37	140.32	140.32	140.34	
7	138.99	139.54	140.35	141.05	141.70	141.45	140.86	140.48	140.37	140.32	140.32	140.34	
8	139.04	139.46	140.34	140.92	141.36	142.60	140.85	140.49	140.36	140.32	140.32	140.34	
9	139.03	139.36	140.42	140.76	141.14	144.70	140.75	140.71	140.36	140.32	140.32	140.34	
10	139.01	139.28	140.51	140.73	141.25	145.28	140.70	140.76	140.35	140.32	140.32	140.34	
11	139.00	139.22	140.50	140.89	141.46	145.13	140.69	140.71	140.34	140.33	140.32	140.35	
12	138.99	139.16	140.49	140.88	141.55	144.53	140.65	140.64	140.34	140.33	140.32	140.35	
13	138.98	139.09	140.47	140.84	141.87	143.48	140.63	140.61	140.34	140.33	140.32	140.35	
14	138.97	139.05	140.43	140.77	142.71	142.68	140.62	140.60	140.34	140.33	140.32	140.35	
15	138.98	139.09	140.41	140.72	143.27	141.98	140.62	140.69	140.35	140.33	140.32	140.35	
16	138.95	139.86	140.39	140.63	142.78	141.56	140.60	140.78	140.35	140.33	140.33	140.35	
17	138.90	140.35	140.38	140.56	142.40	141.25	140.59	140.65	140.35	140.33	140.34	140.35	
18	138.96	140.37	140.42	140.48	143.77	141.08	140.57	140.52	140.35	140.33	140.34	140.35	
19	138.90	140.38	140.49	140.43	144.99	141.11	140.55	140.49	140.34	140.33	140.34	140.35	
20	138.89	140.39	140.55	140.40	145.84	141.76	140.54	140.48	140.34	140.33	140.34	140.35	
21	138.78	140.39	140.59	140.50	146.13	142.21	140.53	140.49	140.33	140.33	140.33	140.36	
22	138.83	140.38	140.70	141.01	145.09	142.40	140.51	140.49	140.33	140.33	140.34	140.36	
23	138.88	140.37	140.71	141.75	143.12	142.05	140.49	140.47	140.33	140.33	140.36	140.36	
24	138.90	140.36	140.72	142.70	142.30	141.54	140.48	140.46	140.33	140.33	140.36	140.36	
25	138.78	140.35	140.89	144.30	141.84	141.14	140.48	140.46	140.33	140.33	140.36	140.36	
26	138.79	140.35	141.06	145.05	141.38	141.38	140.48	140.42	140.33	140.33	140.34	140.34	
27	138.91	140.33	140.99	145.13	141.12	141.97	140.49	140.42	140.33	140.33	140.34	140.34	
28	138.98	140.31	140.89	145.02	140.94	142.63	140.49	140.41	140.33	140.33	140.34	140.34	
29	139.00	140.38	140.75	144.92	140.93	143.90	140.49	140.40	140.33	140.33	140.33	140.34	
30	138.93	140.42	140.69	144.92	140.94	144.72	140.48	140.39	140.33	140.33	140.33	140.38	
31		140.53		143.36	140.93		140.48		140.33	140.33		140.38	
Mean	138.94	139.77	140.57	141.73	142.34	142.29	140.82	140.53	140.35	140.33	140.33	140.35	
Max	139.04	140.53	141.06	145.13	146.13	145.28	143.17	140.78	140.38	140.33	140.36	140.38	146.13
Min	138.78	138.85	140.34	140.40	140.93	140.93	140.48	140.39	140.33	140.32	140.32	140.34	138.78
Annual Max Momentary Gage Height	146.23		m. (MSL.) ,				at 10.00 Hours, on Aug 21, 2005						
Zero Gage at Bottom Elevation	138.34		m. (MSL.) ,			River Bed	138.06		m. (MSL.)				
Left Bank Elevation		150.07		m. (MSL.) ,									
Right Bank Elevation		149.99		m. (MSL.) ,		Drainage Are	1,548		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	7.24	11.22	115.00	28.76	172.35	3.60	0.96	0.36	0.24	0.48	
2	0.00	0.00	6.48	10.30	69.24	30.62	136.60	3.30	0.96	0.36	0.24	0.48	
3	0.00	0.00	3.60	14.76	54.18	28.76	77.50	3.30	0.96	0.36	0.24	0.48	
4	0.00	0.00	2.10	24.42	89.00	25.66	49.84	3.30	0.84	0.24	0.24	0.48	
5	0.00	0.00	1.08	28.76	128.50	31.86	36.82	3.30	0.84	0.24	0.24	0.48	
6	0.00	0.00	0.84	31.24	112.30	47.98	26.28	3.30	0.84	0.24	0.24	0.48	
7	0.00	0.00	0.60	33.10	74.00	57.90	21.48	3.60	0.84	0.24	0.24	0.48	
8	0.00	0.00	0.48	25.04	52.32	141.00	20.90	3.90	0.72	0.24	0.24	0.48	
9	0.00	0.00	1.80	15.84	38.68	276.00	15.30	13.14	0.72	0.24	0.24	0.48	
10	0.00	0.00	4.58	14.22	45.50	325.20	12.60	15.84	0.60	0.24	0.24	0.48	
11	0.00	0.00	4.20	23.22	58.52	311.70	12.14	13.14	0.48	0.36	0.24	0.60	
12	0.00	0.00	3.90	22.64	64.10	262.40	10.30	9.84	0.48	0.36	0.24	0.60	
13	0.00	0.00	3.30	20.32	86.60	190.80	9.38	8.46	0.48	0.36	0.24	0.60	
14	0.00	0.00	2.10	16.38	147.05	145.40	8.92	8.00	0.48	0.36	0.24	0.60	
15	0.00	0.00	1.50	13.68	178.20	95.40	8.92	12.14	0.60	0.36	0.24	0.60	
16	0.00	0.00	1.08	9.38	150.90	64.72	8.00	16.92	0.60	0.36	0.36	0.60	
17	0.00	0.60	0.96	6.48	130.00	45.50	7.62	10.30	0.60	0.36	0.48	0.60	
18	0.00	0.84	1.80	3.60	209.05	34.96	6.86	4.96	0.60	0.36	0.48	0.60	
19	0.00	0.96	3.90	2.10	299.20	36.82	6.10	3.90	0.48	0.36	0.48	0.60	
20	0.00	1.08	6.10	1.20	378.00	78.20	5.72	3.60	0.48	0.36	0.48	0.60	
21	0.00	1.08	7.62	4.20	407.65	116.00	5.34	3.90	0.36	0.36	0.36	0.72	
22	0.00	0.96	12.60	30.62	308.10	130.00	4.58	3.90	0.36	0.36	0.48	0.72	
23	0.00	0.84	13.14	77.50	169.60	101.50	3.90	3.30	0.36	0.36	0.72	0.72	
24	0.00	0.72	13.68	146.50	125.00	63.48	3.60	3.00	0.36	0.36	0.72	0.72	
25	0.00	0.60	23.22	245.00	84.20	38.68	3.60	3.00	0.36	0.36	0.72	0.72	
26	0.00	0.60	33.72	304.50	53.56	53.56	3.60	1.80	0.36	0.36	0.48	0.48	
27	0.00	0.36	29.38	311.70	37.44	94.60	3.90	1.80	0.36	0.36	0.48	0.48	
28	0.00	0.12	23.22	301.80	26.28	142.65	3.90	1.50	0.36	0.36	0.48	0.48	
29	0.00	0.96	15.30	293.60	25.66	217.50	3.90	1.20	0.36	0.36		0.48	
30	0.00	1.80	12.14	293.60	26.28	277.60	3.60	1.08	0.36	0.36		0.96	
31		5.34		183.60	25.66		3.60		0.36	0.36		0.96	
Total	0.00	16.86	241.66	2520.52	3769.77	3495.21	697.15	172.32	17.52	10.32	10.32	18.24	10969.89 CMSDAY
Mean	0.00	0.54	8.06	81.31	121.61	116.51	22.49	5.74	0.57	0.33	0.37	0.59	30.05 CMS
Max	0.00	5.34	33.72	311.70	407.65	325.20	172.35	16.92	0.96	0.36	0.72	0.96	407.65 CMS
Min	0.00	0.00	0.48	1.20	25.66	25.66	3.60	1.08	0.36	0.24	0.24	0.48	0.00 CMS
Runoff	0.00	1.46	20.88	217.77	325.71	301.99	60.23	14.89	1.51	0.89	0.89	1.58	947.80 MCM
Momentary Peak	418.30	CMS, at 146.23 m. (MSL.), at 10.00 Hours, on Aug 21, 2005											
Runoff Yield	19.42	Liters/Second/Square KM.		Momentary Peak Yield		270.220	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Nam Yang at Ban Kut Chim Khum Mai, Kalasin (E.57)

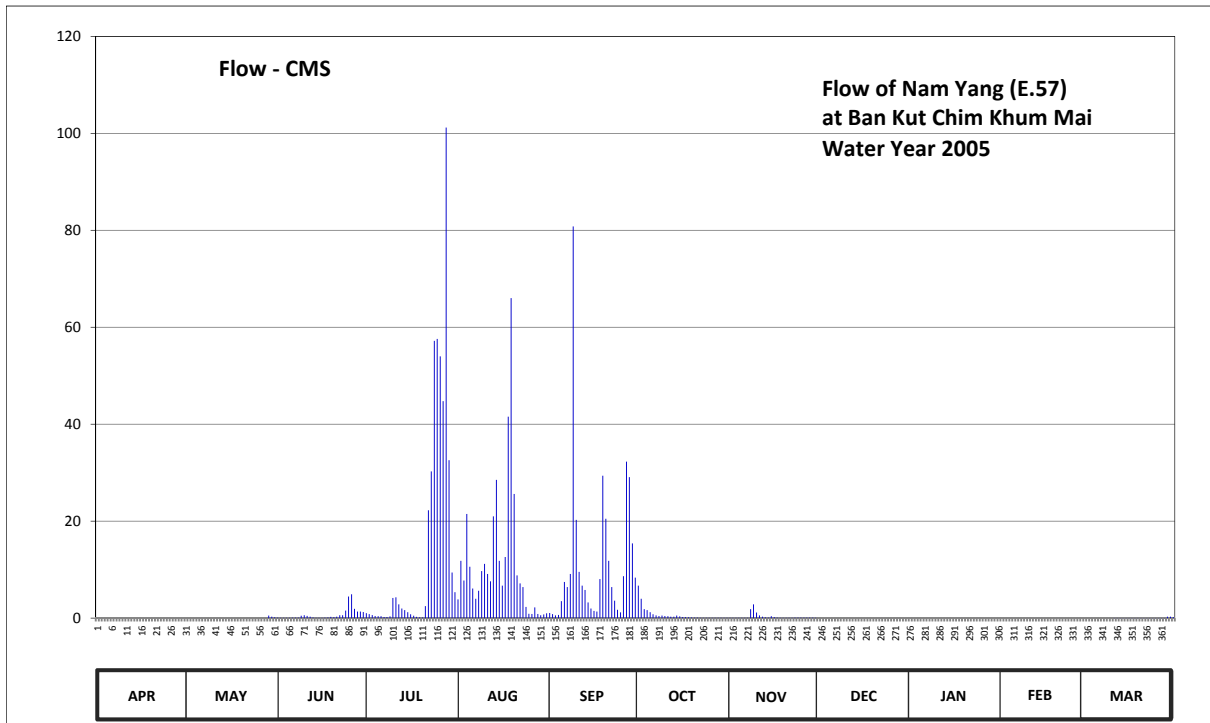
Lat 16 - 41 - 02 N Long 104 - 05 - 06 E

Location : on right bank at the bridge on highway Ban Kut Chim Khum Mai.

	Ban	Kut Chim Khum Mai	Amphoe	Khao Wongi	Changwat	Kalasin
Drainage Area	103	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+170.100 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+177.855 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1969 - 1971, 1983 to date.					
Rating Operation						
Period of Rating	1969 - 1970, 1984 to date.					
Rated by Flot	-					
Rated by Current Meter	1969 - 1970, 1984 to date.					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The local weir situated about 100 meters from the gage site. Stage-discharge relation defined by 20 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	169.80	169.80	170.17	170.63	170.99	170.64	171.18	170.11	170.00	169.80	169.80	170.02	
2	169.80	169.80	170.12	170.57	171.49	170.57	171.00	170.11	170.00	169.80	169.80	170.02	
3	169.80	169.80	170.12	170.51	171.25	170.48	170.79	170.12	169.99	169.80	169.80	170.02	
4	169.80	169.80	170.14	170.42	171.94	170.52	170.76	170.13	169.99	169.80	169.80	170.02	
5	169.80	169.80	170.15	170.39	171.43	170.96	170.68	170.13	169.99	169.80	169.80	170.02	
6	169.80	169.80	170.17	170.39	171.14	171.23	170.56	170.14	169.99	169.80	169.80	170.02	
7	169.80	169.80	170.18	170.32	171.00	171.16	170.48	170.15	169.98	169.80	169.80	170.02	
8	169.80	169.80	170.18	170.32	171.11	171.34	170.42	170.79	169.98	169.80	169.80	170.02	
9	169.80	169.80	170.44	170.38	171.38	173.72	170.47	170.91	169.98	169.80	169.80	170.02	
10	169.80	169.80	170.50	171.01	171.46	171.89	170.42	170.66	169.98	169.80	169.80	170.02	
11	169.80	169.80	170.43	171.02	171.34	171.37	170.40	170.48	169.97	169.80	169.80	170.04	
12	169.80	169.80	170.35	170.91	171.24	171.18	170.34	170.34	169.97	169.80	169.80	170.04	
13	169.80	169.80	170.22	170.81	171.92	171.12	170.34	170.26	169.96	169.80	169.80	170.04	
14	169.80	169.80	170.15	170.76	172.19	170.94	170.46	170.21	169.96	169.80	169.80	170.04	
15	169.80	169.80	170.12	170.68	171.49	170.81	170.38	170.40	169.95	169.80	169.80	170.04	
16	169.80	169.80	170.12	170.56	171.18	170.73	170.32	170.30	169.95	169.80	169.80	170.04	
17	169.80	169.80	170.19	170.45	171.53	170.71	170.28	170.17	169.94	169.80	169.80	170.04	
18	169.80	169.80	170.24	170.33	172.64	171.27	170.26	170.13	169.93	169.80	169.80	170.04	
19	169.80	169.80	170.33	170.25	173.35	172.22	170.23	170.11	169.92	169.80	169.80	170.04	
20	169.80	169.80	170.28	170.24	172.09	171.90	170.21	170.14	169.92	169.80	169.80	170.04	
21	169.80	169.80	170.35	170.87	171.32	171.49	170.19	170.15	169.90	169.80	169.80	170.05	
22	169.80	169.80	170.50	171.97	171.21	171.16	170.16	170.16	169.88	169.80	169.80	170.05	
23	169.80	169.80	170.49	172.25	171.16	170.97	170.14	170.17	169.85	169.80	169.80	170.05	
24	169.80	169.80	170.74	173.13	170.85	170.77	170.15	170.18	169.82	169.80	169.80	170.05	
25	169.80	169.80	171.03	173.14	170.60	170.67	170.14	170.19	169.80	169.80	169.80	170.05	
26	169.80	169.80	171.06	173.05	170.58	171.31	170.12	170.20	169.80	169.80	169.80	170.05	
27	169.80	169.93	170.80	172.75	170.84	172.32	170.11	170.20	169.80	169.80	169.80	170.05	
28	169.80	170.02	170.71	174.20	170.58	172.21	170.11	170.19	169.80	169.80	169.80	170.05	
29	169.80	170.46	170.71	172.33	170.50	171.67	170.11	170.17	169.80	169.80		170.35	
30	169.80	170.35	170.69	171.36	170.55	171.29	170.12	170.16	169.80	169.80		170.35	
31		170.25		171.09	170.62		170.11		169.80	169.80		170.30	
Mean	169.80	169.86	170.39	171.20	171.32	171.29	170.37	170.25	169.92	169.80	169.80	170.06	
Max	169.80	170.46	171.06	174.20	173.35	173.72	171.18	170.91	170.00	169.80	169.80	170.35	174.20
Min	169.80	169.80	170.12	170.24	170.50	170.48	170.11	170.11	169.80	169.80	169.80	170.02	169.80
Annual Max Momentary Gage Height	174.89		m. (MSL.) ,				at 12.00 Hours, on Sep 9, 2005						
Zero Gage at Bottom Elevation	170.10		m. (MSL.) ,			River Bed	169.92	m. (MSL.)					
Left Bank Elevation		177.59	m. (MSL.) ,										
Right Bank Elevation		177.62	m. (MSL.) ,			Drainage Are	103	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.09	1.02	3.87	1.06	6.70	0.06	0.00	0.00	0.00	0.01	
2	0.00	0.00	0.06	0.81	11.80	0.81	4.00	0.06	0.00	0.00	0.00	0.01	
3	0.00	0.00	0.06	0.63	7.75	0.56	1.84	0.06	0.00	0.00	0.00	0.01	
4	0.00	0.00	0.07	0.44	21.50	0.66	1.66	0.07	0.00	0.00	0.00	0.01	
5	0.00	0.00	0.07	0.38	10.60	3.48	1.22	0.07	0.00	0.00	0.00	0.01	
6	0.00	0.00	0.09	0.38	6.10	7.45	0.78	0.07	0.00	0.00	0.00	0.01	
7	0.00	0.00	0.09	0.24	4.00	6.40	0.56	0.07	0.00	0.00	0.00	0.01	
8	0.00	0.00	0.09	0.24	5.65	9.10	0.44	1.84	0.00	0.00	0.00	0.01	
9	0.00	0.00	0.48	0.36	9.70	80.80	0.54	2.83	0.00	0.00	0.00	0.01	
10	0.00	0.00	0.60	4.15	11.20	20.25	0.44	1.14	0.00	0.00	0.00	0.01	
11	0.00	0.00	0.46	4.30	9.10	9.55	0.40	0.56	0.00	0.00	0.00	0.02	
12	0.00	0.00	0.30	2.83	7.60	6.70	0.28	0.28	0.00	0.00	0.00	0.02	
13	0.00	0.00	0.12	1.98	21.00	5.80	0.28	0.16	0.00	0.00	0.00	0.02	
14	0.00	0.00	0.07	1.66	28.51	3.22	0.52	0.11	0.00	0.00	0.00	0.02	
15	0.00	0.00	0.06	1.22	11.80	1.98	0.36	0.40	0.00	0.00	0.00	0.02	
16	0.00	0.00	0.06	0.78	6.70	1.48	0.24	0.20	0.00	0.00	0.00	0.02	
17	0.00	0.00	0.10	0.50	12.60	1.36	0.18	0.09	0.00	0.00	0.00	0.02	
18	0.00	0.00	0.14	0.26	41.56	8.05	0.16	0.07	0.00	0.00	0.00	0.02	
19	0.00	0.00	0.26	0.15	66.00	29.38	0.13	0.06	0.00	0.00	0.00	0.02	
20	0.00	0.00	0.18	0.14	25.61	20.50	0.11	0.07	0.00	0.00	0.00	0.02	
21	0.00	0.00	0.30	2.46	8.80	11.80	0.10	0.07	0.00	0.00	0.00	0.03	
22	0.00	0.00	0.60	22.25	7.15	6.40	0.08	0.08	0.00	0.00	0.00	0.03	
23	0.00	0.00	0.58	30.25	6.40	3.61	0.07	0.09	0.00	0.00	0.00	0.03	
24	0.00	0.00	1.54	57.20	2.30	1.72	0.07	0.09	0.00	0.00	0.00	0.03	
25	0.00	0.00	4.45	57.60	0.90	1.18	0.07	0.10	0.00	0.00	0.00	0.03	
26	0.00	0.00	4.90	54.00	0.84	8.65	0.06	0.10	0.00	0.00	0.00	0.03	
27	0.00	0.00	1.90	44.75	2.22	32.28	0.06	0.10	0.00	0.00	0.00	0.03	
28	0.00	0.01	1.36	101.20	0.84	29.09	0.06	0.10	0.00	0.00	0.00	0.03	
29	0.00	0.52	1.36	32.57	0.60	15.40	0.06	0.09	0.00	0.00	0.00	0.30	
30	0.00	0.30	1.26	9.40	0.75	8.35	0.06	0.08	0.00	0.00	0.00	0.30	
31	0.00	0.15		5.35	0.98		0.06		0.00	0.00		0.20	
Total	0.00	0.98	21.70	439.50	354.43	337.07	21.59	9.17	0.00	0.00	0.00	1.34	1185.78 CMSDAY
Mean	0.00	0.03	0.72	14.18	11.43	11.24	0.70	0.31	0.00	0.00	0.00	0.04	3.25 CMS
Max	0.00	0.52	4.90	101.20	66.00	80.80	6.70	2.83	0.00	0.00	0.00	0.30	101.20 CMS
Min	0.00	0.00	0.06	0.14	0.60	0.56	0.06	0.06	0.00	0.00	0.00	0.01	0.00 CMS
Runoff	0.00	0.09	1.88	37.97	30.62	29.12	1.87	0.79	0.00	0.00	0.00	0.12	102.45 MCM
Momentary Peak	132.94	CMS, at 174.89 m. (MSL.), at 12.00 Hours, on Sep 9, 2005											
Runoff Yield	31.54	Liters/Second/Square KM. Momentary Peak Yield 1290.680 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Lam Phaniang at Ban Na Klang , Nong Bua Lamphu (E.64)

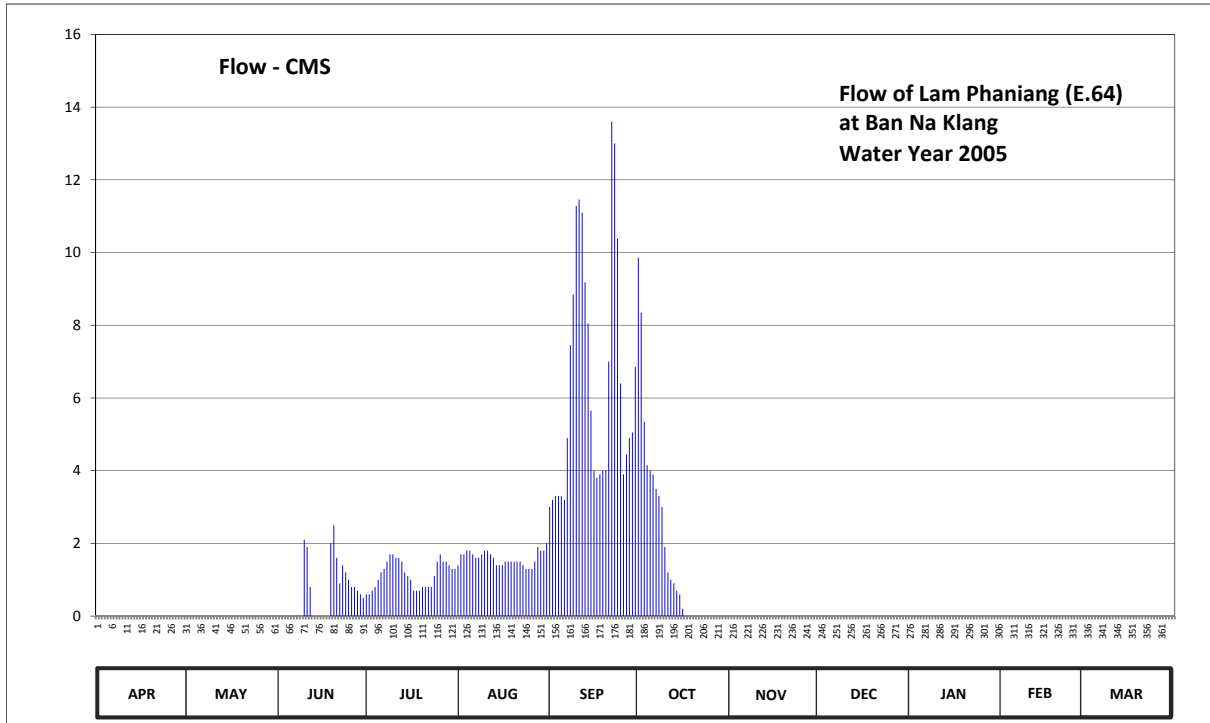
Lat 17 - 19 - 16 N Long 102 - 05 - 32 E

Location : on right bank at the bridge of Udon Thani - Loei Highway.

	Ban Na Klang	Amphoe Na Wang	Changwat Nong Bua Lamphu
Drainage Area	362 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+254.473 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank downstream side at the footpath of the bridge.	Elevation	+261.680 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1979 - 1980 , 1997 to date		
Rated by Flot	-		
Rated by Current Meter	1979 - 1980 , 1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 5 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	256.87	256.83	256.85	257.46	257.54	257.70	258.18	257.14	256.89	256.92	256.82	256.82	256.82
2	256.87	256.83	256.85	257.46	257.57	257.72	258.09	257.10	256.88	256.91	256.82	256.82	256.81
3	256.87	256.83	256.85	257.47	257.57	257.73	257.89	257.05	256.88	256.90	256.82	256.79	256.79
4	256.87	256.83	256.86	257.48	257.58	257.73	257.81	257.03	256.88	256.89	256.82	256.76	256.76
5	256.87	256.83	256.86	257.50	257.58	257.73	257.80	257.03	256.87	256.88	256.82	256.74	256.74
6	256.86	256.83	256.87	257.52	257.57	257.72	257.79	257.02	256.86	256.88	256.82	256.73	256.73
7	256.86	256.83	256.91	257.53	257.56	257.86	257.75	257.03	256.85	256.87	256.82	256.71	256.71
8	256.86	256.83	256.99	257.55	257.56	258.03	257.73	257.05	256.84	256.87	256.82	256.69	256.69
9	256.86	256.83	257.21	257.57	257.57	258.12	257.70	257.12	256.83	256.87	256.82	256.68	256.68
10	256.86	256.83	257.61	257.57	257.58	258.26	257.59	257.20	256.82	256.87	256.82	256.67	256.67
11	256.85	256.83	257.59	257.56	257.58	258.27	257.52	257.20	256.81	256.86	256.81	256.66	256.66
12	256.85	256.83	257.48	257.56	257.57	258.25	257.50	257.12	256.80	256.86	256.81	256.66	256.66
13	256.85	256.84	257.38	257.55	257.56	258.14	257.49	257.05	256.80	256.85	256.81	256.65	256.65
14	256.85	256.84	257.21	257.52	257.54	258.07	257.47	257.02	256.79	256.85	256.81	256.64	256.64
15	256.85	256.84	257.11	257.51	257.54	257.91	257.46	257.04	256.79	256.85	256.81	256.64	256.64
16	256.85	256.84	257.10	257.50	257.54	257.80	257.42	257.20	256.79	256.85	256.82	256.61	256.61
17	256.85	256.84	257.22	257.47	257.55	257.78	257.39	257.17	256.79	256.85	256.82	256.58	256.58
18	256.85	256.84	257.31	257.47	257.55	257.79	257.33	256.98	256.80	256.84	256.82	256.56	256.56
19	256.85	256.84	257.60	257.47	257.55	257.80	257.28	256.97	256.81	256.84	256.82	256.56	256.56
20	256.85	256.84	257.65	257.48	257.55	257.80	257.26	256.97	256.81	256.84	256.82	256.55	256.55
21	256.84	256.84	257.56	257.48	257.55	258.00	257.20	256.97	256.84	256.84	256.83	256.54	256.54
22	256.84	256.84	257.49	257.48	257.55	258.38	257.16	256.96	256.89	256.84	256.83	256.52	256.52
23	256.84	256.84	257.54	257.48	257.54	258.35	257.15	256.94	256.94	256.84	256.83	256.50	256.50
24	256.84	256.84	257.52	257.51	257.53	258.21	257.15	256.89	256.95	256.84	256.83	256.48	256.48
25	256.84	256.84	257.50	257.55	257.53	257.96	257.15	256.88	256.96	256.84	256.83	256.47	256.47
26	256.83	256.84	257.48	257.57	257.53	257.79	257.15	256.88	256.97	256.84	256.83	256.47	256.47
27	256.83	256.84	257.48	257.55	257.55	257.83	257.16	256.88	256.97	256.83	256.83	256.47	256.47
28	256.83	256.84	257.47	257.55	257.59	257.86	257.16	256.89	256.96	256.83	256.83	256.47	256.47
29	256.83	256.85	257.46	257.54	257.58	257.87	257.16	256.89	256.96	256.83	256.83	256.47	256.47
30	256.83	256.85	257.45	257.53	257.58	257.99	257.17	256.89	256.95	256.83	256.83	256.47	256.47
31		256.85		257.53	257.60		257.17		256.94	256.83		256.47	256.47
Mean	256.85	256.84	257.28	257.52	257.56	257.95	257.46	257.02	256.87	256.86	256.82	256.61	256.61
Max	256.87	256.85	257.65	257.57	257.60	258.38	258.18	257.20	256.97	256.92	256.83	256.82	258.38
Min	256.83	256.83	256.85	257.46	257.53	257.70	257.15	256.88	256.79	256.83	256.81	256.47	256.47
Annual Max Momentary Gage Height	258.51		m. (MSL.) ,			at 20.00 Hours, on Sep 22, 2005							
Zero Gage at Bottom Elevation	254.47		m. (MSL.) ,			River Bed	254.46		m. (MSL.)				
Left Bank Elevation		261.47		m. (MSL.) ,									
Right Bank Elevation		261.45		m. (MSL.) ,		Drainage Area	362		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.60	1.40	3.00	9.86	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.60	1.70	3.20	8.35	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.70	1.70	3.30	5.35	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.80	1.80	3.30	4.15	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	1.00	1.80	3.30	4.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	1.20	1.70	3.20	3.90	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	1.30	1.60	4.90	3.50	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	1.50	1.60	7.45	3.30	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	1.70	1.70	8.84	3.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	2.10	1.70	1.80	11.28	1.90	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	1.90	1.60	1.80	11.46	1.20	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.80	1.60	1.70	11.10	1.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	1.50	1.60	9.18	0.90	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	1.20	1.40	8.05	0.70	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	1.10	1.40	5.65	0.60	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	1.00	1.40	4.00	0.20	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.70	1.50	3.80	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.70	1.50	3.90	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	2.00	0.70	1.50	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	2.50	0.80	1.50	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	1.60	0.80	1.50	7.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.90	0.80	1.50	13.60	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	1.40	0.80	1.40	13.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	1.20	1.10	1.30	10.38	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	1.00	1.50	1.30	6.40	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.80	1.70	1.30	3.90	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.80	1.50	1.50	4.45	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.70	1.50	1.90	4.90	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.60	1.40	1.80	5.05	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.50	1.30	1.80	6.85	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	1.30	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	18.80	35.70	49.40	192.44	51.91	0.00	0.00	0.00	0.00	0.00	348.25 CMSDAY
Mean	0.00	0.00	0.63	1.15	1.59	6.41	1.67	0.00	0.00	0.00	0.00	0.00	0.95 CMS
Max	0.00	0.00	2.50	1.70	2.00	13.60	9.86	0.00	0.00	0.00	0.00	0.00	13.60 CMS
Min	0.00	0.00	0.00	0.60	1.30	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	1.62	3.08	4.27	16.63	4.49	0.00	0.00	0.00	0.00	0.00	30.09 MCM
Momentary Peak	16.53	CMS, at 258.51 m. (MSL.), at 20.00 Hours, on Sep 22, 2005											
Runoff Yield	3.64	Liters/Second/Square KM. Momentary Peak Yield 63.092 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Lam Pao at Ban Tha Hai, Udon Thani (E.65)

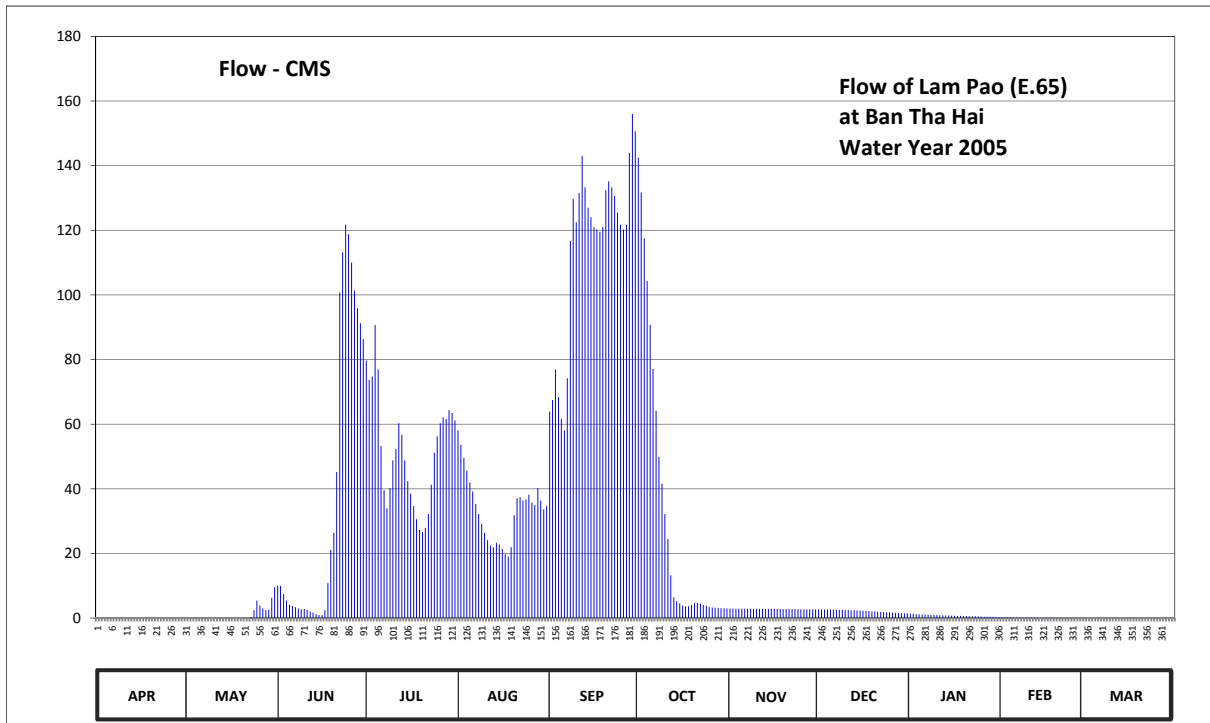
Lat 16 - 57 - 02 N Long 103 - 10 - 16 E

Location : on left bank at the bridge on highway.

	Ban Tha Hai	Amphoe Si That	Changwat Udon Thani
Drainage Area	2,149 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+158.990 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank at the abutment of the bridge.		Elevation +169.686 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1983 to date.		
Rating Operation			
Period of Rating	1983 to date.		
Rated by Flot	-		
Rated by Current Meter	1983 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Lam Pao Dam. Stage-discharge relation defined by 28 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.56	160.59	162.18	164.14	163.69	163.82	165.15	163.48	163.40	162.98	162.22	161.49	
2	160.56	160.59	162.18	164.03	163.59	163.90	165.11	163.48	163.39	162.96	162.20	161.45	
3	160.58	160.59	162.05	164.05	163.49	164.09	165.05	163.48	163.39	162.90	162.18	161.42	
4	160.58	160.58	161.92	164.34	163.39	163.92	164.99	163.48	163.39	162.88	162.14	161.38	
5	160.58	160.57	161.81	164.09	163.30	163.77	164.91	163.47	163.38	162.87	162.11	161.35	
6	160.58	160.56	161.77	163.58	163.22	163.69	164.83	163.47	163.37	162.86	162.08	161.32	
7	160.58	160.56	161.72	163.23	163.11	164.04	164.74	163.47	163.36	162.82	162.05	161.29	
8	160.58	160.56	161.67	163.07	163.02	164.76	164.63	163.47	163.34	162.79	162.02	161.27	
9	160.58	160.56	161.64	163.25	162.92	164.93	164.56	163.46	163.34	162.77	161.99	161.25	
10	160.58	160.56	161.65	163.47	162.83	164.84	164.46	163.46	163.32	162.76	161.97	161.22	
11	160.59	160.58	161.62	163.56	162.75	164.95	164.35	163.46	163.32	162.74	161.95	161.19	
12	160.59	160.59	161.56	163.74	162.69	165.07	164.17	163.46	163.31	162.72	161.91	161.17	
13	160.59	160.60	161.51	163.66	162.67	164.97	164.02	163.45	163.30	162.71	161.87	161.12	
14	160.59	160.62	161.45	163.47	162.72	164.90	163.94	163.45	163.29	162.69	161.86	161.09	
15	160.59	160.66	161.42	163.31	162.70	164.86	163.86	163.45	163.27	162.66	161.84	161.06	
16	160.59	160.86	161.42	163.20	162.65	164.82	163.77	163.45	163.26	162.64	161.81	161.03	
17	160.58	161.12	161.60	163.09	162.59	164.81	163.72	163.44	163.25	162.61	161.79	161.01	
18	160.58	161.17	162.22	162.97	162.56	164.80	163.71	163.44	163.22	162.59	161.79	160.99	
19	160.58	161.19	162.64	162.86	162.67	164.82	163.81	163.44	163.20	162.55	161.77	160.95	
20	160.58	161.20	162.83	162.84	163.01	164.96	163.88	163.44	163.19	162.52	161.75	160.92	
21	160.58	161.23	163.38	162.88	163.16	164.99	163.88	163.43	163.16	162.49	161.70	160.86	
22	160.58	161.27	164.51	163.02	163.17	164.97	163.85	163.43	163.15	162.48	161.68	160.84	
23	160.58	161.34	164.71	163.28	163.14	164.94	163.81	163.43	163.12	162.47	161.65	160.82	
24	160.59	161.61	164.83	163.53	163.15	164.88	163.77	163.43	163.10	162.43	161.62	160.78	
25	160.59	161.92	164.79	163.65	163.19	164.83	163.66	163.41	163.09	162.40	161.59	160.76	
26	160.59	161.79	164.66	163.74	163.12	164.81	163.59	163.41	163.08	162.36	161.56	160.73	
27	160.59	161.68	164.52	163.78	163.10	164.83	163.57	163.41	163.05	162.35	161.54	160.69	
28	160.59	161.61	164.43	163.77	163.25	165.08	163.55	163.41	163.03	162.33	161.51	160.65	
29	160.59	161.62	164.35	163.83	163.14	165.20	163.53	163.40	163.01	162.30		160.62	
30	160.59	161.99	164.26	163.81	163.06	165.18	163.51	163.40	163.00	162.27		160.60	
31		162.16		163.76	163.09		163.49		162.99	162.25		160.63	
Mean	160.58	161.05	162.71	163.52	163.04	164.68	164.12	163.45	163.23	162.62	161.86	161.03	
Max	160.59	162.16	164.83	164.34	163.69	165.20	165.15	163.48	163.40	162.98	162.22	161.49	165.20
Min	160.56	160.56	161.42	162.84	162.56	163.69	163.49	163.40	162.99	162.25	161.51	160.60	160.56
Annual Max Momentary Gage Height	165.21		m. (MSL.) ,				at 16.00 Hours, on Sep 29, 2005						
Zero Gage at Bottom Elevation	158.99		m. (MSL.) ,			River Bed	159.01	m. (MSL.)					
Left Bank Elevation		169.45		m. (MSL.) ,									
Right Bank Elevation		169.45		m. (MSL.) ,		Drainage Are	2,149	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	10.00	79.70	58.05	63.90	142.50	2.94	2.70	1.44	0.32	0.02	
2	0.00	0.00	10.00	73.65	53.60	67.50	131.70	2.94	2.67	1.38	0.30	0.01	
3	0.00	0.00	7.40	74.75	49.60	76.95	117.50	2.94	2.67	1.20	0.28	0.01	
4	0.00	0.00	5.44	90.70	45.60	68.40	104.30	2.94	2.67	1.16	0.24	0.01	
5	0.00	0.00	4.12	76.95	42.00	61.65	90.70	2.91	2.64	1.14	0.21	0.01	
6	0.00	0.00	3.76	53.20	39.20	58.05	77.10	2.91	2.61	1.12	0.18	0.00	
7	0.00	0.00	3.36	39.55	35.35	74.20	64.20	2.91	2.58	1.04	0.15	0.00	
8	0.00	0.00	2.96	33.95	32.20	116.70	49.90	2.91	2.52	0.98	0.12	0.00	
9	0.00	0.00	2.72	40.25	29.10	129.70	41.60	2.88	2.52	0.94	0.10	0.00	
10	0.00	0.00	2.80	48.80	26.40	122.50	32.20	2.88	2.46	0.92	0.09	0.00	
11	0.00	0.00	2.56	52.40	24.12	131.50	24.50	2.88	2.46	0.88	0.09	0.00	
12	0.00	0.00	2.08	60.30	22.47	143.00	13.20	2.88	2.43	0.84	0.08	0.00	
13	0.00	0.00	1.68	56.70	21.92	133.30	6.44	2.85	2.40	0.82	0.07	0.00	
14	0.00	0.00	1.20	48.80	23.30	127.00	5.26	2.85	2.37	0.79	0.07	0.00	
15	0.00	0.00	0.96	42.40	22.75	124.00	4.54	2.85	2.31	0.76	0.07	0.00	
16	0.00	0.00	0.96	38.50	21.37	121.00	3.88	2.85	2.28	0.74	0.06	0.00	
17	0.00	0.00	2.40	34.65	19.75	120.25	3.68	2.82	2.25	0.71	0.06	0.00	
18	0.00	0.00	10.86	30.60	19.00	119.50	3.64	2.82	2.16	0.69	0.06	0.00	
19	0.00	0.00	21.10	27.30	21.92	121.00	4.09	2.82	2.10	0.65	0.05	0.00	
20	0.00	0.00	26.40	26.70	31.85	132.40	4.72	2.82	2.07	0.62	0.05	0.00	
21	0.00	0.00	45.20	27.90	37.10	135.10	4.72	2.79	1.98	0.59	0.04	0.00	
22	0.00	0.00	100.72	32.20	37.45	133.30	4.45	2.79	1.95	0.58	0.04	0.00	
23	0.00	0.32	113.20	41.30	36.40	130.60	4.09	2.79	1.86	0.57	0.03	0.00	
24	0.00	2.48	121.75	51.20	36.75	125.50	3.88	2.79	1.80	0.53	0.03	0.00	
25	0.00	5.44	118.80	56.25	38.15	121.75	3.48	2.73	1.77	0.50	0.03	0.00	
26	0.00	3.92	110.02	60.30	35.70	120.25	3.27	2.73	1.74	0.46	0.03	0.00	
27	0.00	3.04	101.34	62.10	35.00	121.75	3.21	2.73	1.65	0.45	0.02	0.00	
28	0.00	2.48	95.83	61.65	40.25	144.00	3.15	2.73	1.59	0.43	0.02	0.00	
29	0.00	2.56	91.25	64.35	36.40	156.00	3.09	2.70	1.53	0.40	0.00	0.00	
30	0.00	6.28	86.30	63.45	33.60	150.60	3.03	2.70	1.50	0.37	0.00	0.00	
31	0.00	9.60		61.20	34.65		2.97		1.47	0.35		0.00	
Total	0.00	36.12	1107.17	1611.75	1041.00	3451.35	964.99	85.08	67.71	24.05	2.89	0.06	8392.17 CMSDAY
Mean	0.00	1.17	36.91	51.99	33.58	115.05	31.13	2.84	2.18	0.78	0.10	0.00	22.99 CMS
Max	0.00	9.60	121.75	90.70	58.05	156.00	142.50	2.94	2.70	1.44	0.32	0.02	156.00 CMS
Min	0.00	0.00	0.96	26.70	19.00	58.05	2.97	2.70	1.47	0.35	0.02	0.00	0.00 CMS
Runoff	0.00	3.12	95.66	139.26	89.94	298.20	83.38	7.35	5.85	2.08	0.25	0.01	725.08 MCM
Momentary Peak	157.00	CMS, at 165.21 m. (MSL.), at 16.00 Hours, on Sep 29, 2005											
Runoff Yield	10.70	Liters/Second/Square KM.		Momentary Peak Yield		73.057	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Muang Lat , Roi Et (E.66A)

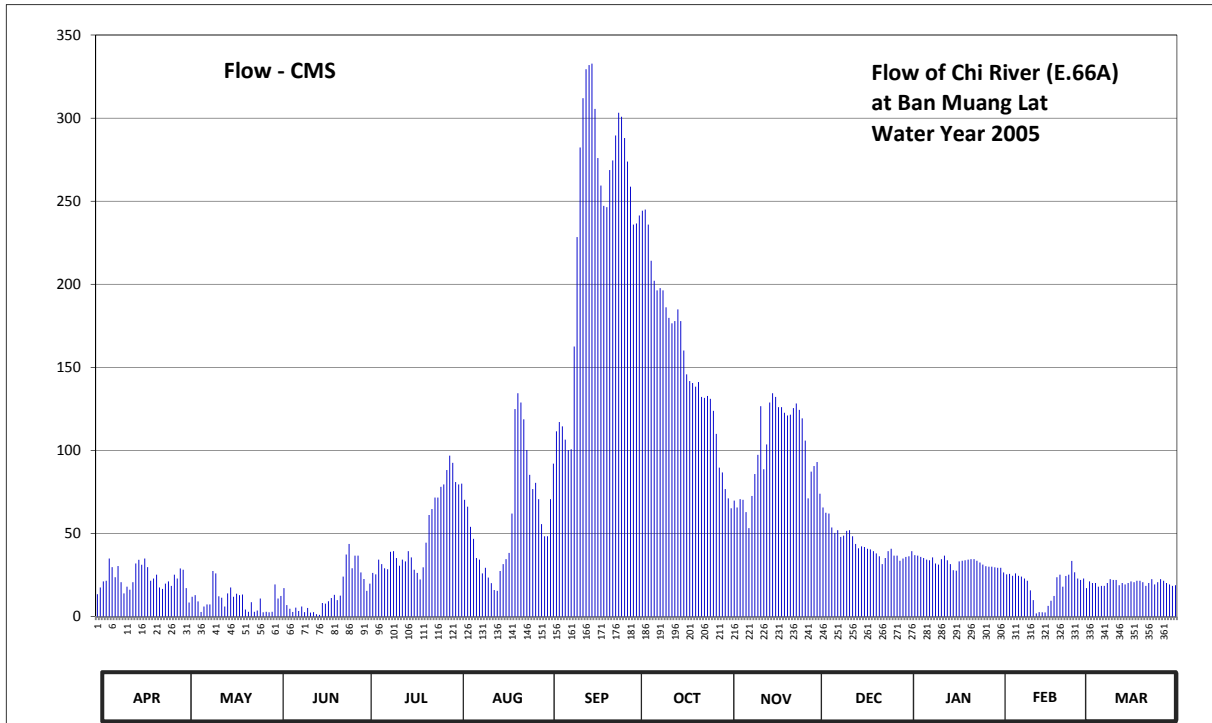
Lat 16 - 12 - 08 N Long 103 - 31 - 41 E

Location : on right bank at the bridge.

	Ban Muang Lat	Amphoe Chang Han	Changwat Roi Et
Drainage Area	31,879 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+126.900 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank at the abutment of the bridge.		Elevation +143.406 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	129.98	130.07	129.86	129.49	131.25	131.06	134.02	130.94	131.13	130.30	129.90	130.07	
2	130.08	129.75	129.93	129.66	131.26	131.51	134.06	131.04	130.95	130.23	129.86	130.16	
3	130.16	129.91	130.07	129.89	131.05	131.91	134.07	130.95	130.88	130.22	129.87	130.14	
4	130.17	129.95	129.68	129.86	130.96	132.02	133.94	131.06	130.87	130.20	129.83	130.14	
5	130.36	129.78	129.58	130.15	130.68	131.97	133.62	131.05	130.67	130.18	129.88	130.09	
6	130.29	129.46	129.45	130.07	130.50	131.81	133.44	130.89	130.59	130.15	129.83	130.10	
7	130.21	129.64	129.61	129.99	130.18	131.68	133.35	130.66	130.63	130.14	129.81	130.10	
8	130.30	129.70	129.52	129.97	130.15	131.69	133.37	131.10	130.53	130.19	129.77	130.14	
9	130.15	129.70	129.64	130.29	129.88	132.81	133.35	131.38	130.55	130.08	129.72	130.19	
10	130.00	130.26	129.44	130.30	130.00	133.83	133.19	131.62	130.62	130.06	129.50	130.18	
11	130.09	130.24	129.60	130.18	129.79	134.58	133.09	132.19	130.63	130.16	129.25	130.18	
12	130.05	129.92	129.36	130.04	129.67	134.95	133.04	131.44	130.54	130.22	129.25	130.11	
13	130.15	129.88	129.44	130.15	129.51	135.16	133.06	131.75	130.42	130.14	129.43	130.14	
14	130.32	129.64	129.11	130.12	129.49	135.19	133.17	132.23	130.35	130.07	129.41	130.12	
15	130.35	130.00	129.03	130.30	129.93	135.20	133.06	132.33	130.38	129.95	129.38	130.14	
16	130.31	130.08	129.17	130.19	130.07	134.87	132.77	132.29	130.37	129.94	129.66	130.16	
17	130.36	129.91	129.15	129.96	130.16	134.50	132.53	132.18	130.34	130.12	129.80	130.15	
18	130.29	129.99	129.22	129.89	130.27	134.27	132.46	132.18	130.33	130.13	129.93	130.17	
19	130.17	129.95	129.31	129.75	130.87	134.10	132.44	132.12	130.30	130.14	130.21	130.17	
20	130.20	129.97	129.39	130.01	132.16	134.09	132.40	132.09	130.26	130.15	130.23	130.15	
21	130.23	129.56	129.25	130.44	132.33	134.40	132.45	132.10	130.21	130.16	130.09	130.10	
22	130.08	129.48	129.37	130.85	132.23	134.48	132.29	132.17	130.07	130.16	130.22	130.14	
23	130.06	129.76	129.81	130.93	132.05	134.67	132.28	132.22	130.18	130.13	130.23	130.19	
24	130.13	129.47	130.24	131.08	131.68	134.84	132.30	132.15	130.30	130.10	130.34	130.12	
25	130.16	129.53	130.42	131.08	131.37	134.81	132.27	132.06	130.34	130.06	130.25	130.15	
26	130.10	129.86	129.99	131.22	131.19	134.65	132.14	131.80	130.22	130.03	130.20	130.19	
27	130.23	129.40	130.22	131.25	131.27	134.47	131.88	131.07	130.22	130.02	130.18	130.17	
28	130.20	129.49	130.22	131.43	131.06	134.26	131.46	131.41	130.13	130.02	130.20	130.14	
29	130.28	129.40	129.90	131.61	130.72	133.94	131.40	131.48	130.17	130.01		130.12	
30	130.27	129.47	129.76	131.52	130.54	133.95	131.19	131.53	130.20	130.00		130.10	
31		130.12		131.28	130.54		131.07		130.21	130.00		130.11	
Mean	130.19	129.79	129.62	130.42	130.74	133.72	132.75	131.65	130.44	130.11	129.87	130.14	
Max	130.36	130.26	130.42	131.61	132.33	135.20	134.07	132.33	131.13	130.30	130.34	130.19	135.20
Min	129.98	129.40	129.03	129.49	129.49	131.06	131.07	130.66	130.07	129.94	129.25	130.07	129.03
Annual Max Momentary Gage Height	135.20		m. (MSL.) ,				at 13.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation	126.90		m. (MSL.) ,			River Bed	126.70	m. (MSL.)					
Left Bank Elevation		141.56		m. (MSL.) ,									
Right Bank Elevation		143.42		m. (MSL.) ,		Drainage Are	31,879	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	13.56	17.15	10.92	15.56	79.60	70.76	241.44	65.24	73.98	39.40	26.60	17.15		
2	17.60	8.50	12.46	19.88	80.08	92.08	244.32	69.84	65.70	37.02	25.48	21.20		
3	21.20	12.02	17.15	26.32	70.30	111.50	245.04	65.70	62.52	36.68	25.76	20.30		
4	21.65	12.90	6.96	25.48	66.16	117.12	235.92	70.76	62.08	36.00	24.64	20.30		
5	35.00	9.16	4.76	34.30	54.08	114.50	214.16	70.30	53.67	35.32	26.04	18.05		
6	29.75	2.84	2.80	31.64	46.80	106.50	202.16	62.96	50.40	34.30	24.64	18.50		
7	23.75	6.08	5.42	29.12	35.32	100.24	196.40	53.26	52.03	33.96	24.08	18.50		
8	30.50	7.40	3.44	28.56	34.30	100.72	197.68	72.60	48.00	35.66	22.96	20.30		
9	20.75	7.40	6.08	39.06	26.04	162.60	196.40	85.84	48.80	31.96	21.56	22.55		
10	14.00	27.50	2.76	39.40	29.40	228.44	186.16	97.36	51.62	31.32	15.80	22.10		
11	18.05	26.00	5.20	35.32	23.52	282.40	179.76	126.64	52.03	34.64	9.95	22.10		
12	16.25	12.24	2.44	30.68	20.16	312.00	176.56	88.72	48.40	36.68	2.00	18.95		
13	20.75	11.36	2.76	34.30	16.04	329.44	177.84	103.60	43.76	33.96	2.72	20.30		
14	32.00	6.08	1.44	33.28	15.56	331.96	184.88	128.88	41.20	31.64	2.64	19.40		
15	34.25	14.00	1.12	39.40	27.44	332.80	177.84	134.48	42.28	28.00	2.52	20.30		
16	31.25	17.60	8.27	35.66	31.64	305.60	160.20	132.24	41.92	27.72	6.52	21.20		
17	35.00	12.02	7.85	28.28	34.64	276.00	145.80	126.08	40.84	33.28	9.60	20.75		
18	29.75	13.78	9.32	26.32	38.38	259.44	141.76	126.08	40.48	33.62	12.46	21.65		
19	21.65	12.90	11.24	22.40	62.08	247.20	140.64	122.72	39.40	33.96	23.75	21.65		
20	23.00	13.34	13.16	29.72	124.96	246.48	138.40	121.04	38.04	34.30	25.25	20.75		
21	25.25	4.32	9.95	44.52	134.48	268.80	141.20	121.60	36.34	34.64	18.05	18.50		
22	17.60	2.92	12.68	61.20	128.88	274.56	132.24	125.52	31.64	34.64	24.50	20.30		
23	16.70	8.72	24.08	64.78	118.80	289.60	131.68	128.32	35.32	33.62	25.25	22.55		
24	19.85	2.88	37.36	71.68	100.24	303.20	132.80	124.40	39.40	32.60	33.50	19.40		
25	21.20	3.66	43.76	71.68	85.36	300.80	131.12	119.36	40.84	31.32	26.75	20.75		
26	18.50	10.92	29.12	78.16	76.74	288.00	123.84	106.00	36.68	30.36	23.00	22.55		
27	25.25	2.60	36.68	79.60	80.56	273.84	110.00	71.22	36.68	30.04	22.10	21.65		
28	23.00	2.96	36.68	88.24	70.76	258.72	89.68	87.28	33.62	30.04	23.00	20.30		
29	29.00	2.60	26.60	96.88	55.72	235.92	86.80	90.64	34.98	29.72		19.40		
30	28.25	2.88	22.68	92.56	48.40	236.60	76.74	93.04	36.00	29.40		18.50		
31		19.40		81.04	48.40		71.22		36.34	29.40		18.95		
Total	714.31	314.13	415.14	1435.02	1864.84	6857.82	5010.68	2991.72	1394.99	1025.20	531.12	628.85	23183.82	CMSDAY
Mean	23.81	10.13	13.84	46.29	60.16	228.59	161.63	99.72	45.00	33.07	18.97	20.29	63.52	CMS
Max	35.00	27.50	43.76	96.88	134.48	332.80	245.04	134.48	73.98	39.40	33.50	22.55	332.80	CMS
Min	13.56	2.60	1.12	15.56	15.56	70.76	71.22	53.26	31.64	27.72	2.00	17.15	1.12	CMS
Runoff	61.72	27.14	35.87	123.99	161.12	592.52	432.92	258.49	120.53	88.58	45.89	54.33	2003.08	MCM
Momentary Peak		332.80	CMS, at 135.20 m. (MSL.), at 13.00 Hours, on Sep 14, 2005											
Runoff Yield		1.99	Liters/Second/Square KM.			Momentary Peak Yield	10.439	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Phaniang at Ban Khong Po , Nong Bua Lamphu (E.68A)

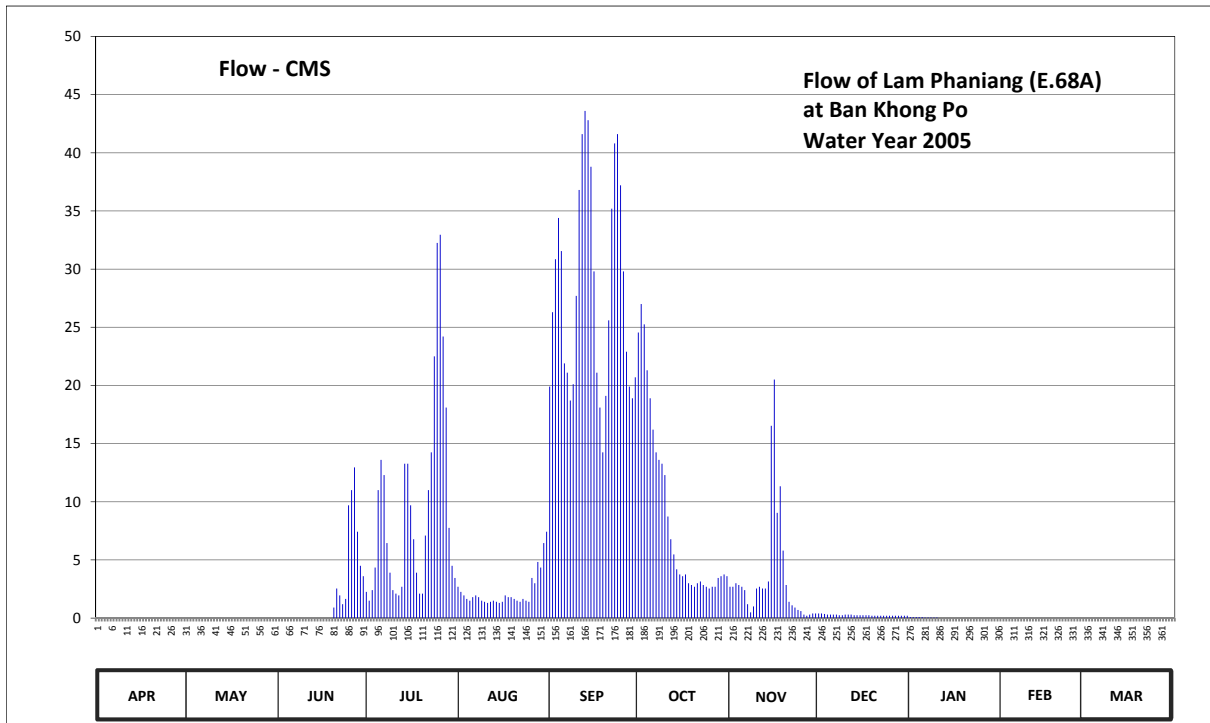
Lat 17 - 04 - 47 N Long 102 - 27 - 11 E

Location : on left bank at the bridge of Nong Bua Lamphu - Amphoe Non Sang Highway.

	Ban Khong Po	Amphoe Mueang	Changwat Nong Bua Lamphu
Drainage Area	1,364 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+194.730 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream site at the footpath of the bridge.	Elevation	+201.740 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 14 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	196.54	196.14	196.14	197.05	197.08	197.72	197.93	197.08	196.88	196.82	196.77	196.71	
2	196.53	196.15	196.13	197.00	197.05	197.98	198.00	197.08	196.88	196.82	196.77	196.71	
3	196.53	196.13	196.13	197.06	197.03	198.11	197.95	197.10	196.87	196.82	196.76	196.71	
4	196.53	196.12	196.12	197.19	197.01	198.21	197.79	197.09	196.86	196.82	196.76	196.71	
5	196.53	196.11	196.12	197.40	197.00	198.13	197.67	197.08	196.86	196.82	196.76	196.71	
6	196.53	196.10	196.11	197.48	197.02	197.82	197.56	197.06	196.86	196.81	196.76	196.70	
7	196.52	196.09	196.11	197.44	197.03	197.78	197.50	196.97	196.86	196.81	196.75	196.70	
8	196.52	196.09	196.10	197.26	197.02	197.66	197.48	196.90	196.85	196.81	196.75	196.70	
9	196.52	196.09	196.16	197.16	197.00	197.73	197.47	196.95	196.85	196.81	196.75	196.70	
10	196.51	196.08	196.16	197.06	196.99	198.02	197.44	197.07	196.86	196.81	196.75	196.70	
11	196.50	196.08	196.15	197.04	196.98	198.27	197.33	197.08	196.86	196.80	196.74	196.69	
12	196.50	196.08	196.15	197.03	196.99	198.39	197.27	197.07	196.86	196.80	196.74	196.69	
13	196.49	196.08	196.15	197.08	197.00	198.44	197.23	197.07	196.85	196.80	196.74	196.69	
14	196.48	196.09	196.17	197.47	196.99	198.42	197.18	197.11	196.85	196.80	196.74	196.69	
15	196.47	196.09	196.18	197.47	196.98	198.32	197.15	197.57	196.85	196.80	196.74	196.69	
16	196.39	196.09	196.19	197.36	196.99	198.08	197.14	197.75	196.85	196.80	196.74	196.69	
17	196.31	196.09	196.24	197.27	197.03	197.78	197.15	197.34	196.85	196.80	196.74	196.69	
18	196.27	196.09	196.28	197.16	197.02	197.63	197.10	197.41	196.85	196.80	196.73	196.69	
19	196.21	196.09	196.41	197.04	197.02	197.50	197.09	197.24	196.84	196.80	196.73	196.69	
20	196.19	196.09	196.94	197.04	197.01	197.68	197.08	197.09	196.84	196.80	196.73	196.69	
21	196.18	196.10	197.07	197.28	197.00	197.96	197.10	196.99	196.84	196.79	196.72	196.68	
22	196.17	196.11	197.03	197.40	196.99	198.23	197.11	196.96	196.84	196.79	196.72	196.68	
23	196.17	196.16	196.97	197.50	197.01	198.37	197.09	196.94	196.84	196.78	196.72	196.67	
24	196.17	196.15	197.01	197.85	197.00	198.39	197.08	196.92	196.84	196.78	196.71	196.67	
25	196.17	196.15	197.36	198.15	196.99	198.28	197.07	196.91	196.84	196.78	196.71	196.67	
26	196.17	196.15	197.40	198.17	197.13	198.08	197.08	196.86	196.84	196.78	196.71	196.66	
27	196.16	196.14	197.46	197.92	197.10	197.87	197.08	196.84	196.84	196.78	196.71	196.66	
28	196.16	196.13	197.29	197.63	197.21	197.72	197.13	196.86	196.84	196.78	196.71	196.66	
29	196.15	196.15	197.20	197.30	197.19	197.67	197.14	196.88	196.84	196.78		196.66	
30	196.15	196.14	197.14	197.20	197.26	197.76	197.15	196.88	196.84	196.77		196.65	
31		196.14		197.13	197.29		197.14		196.84	196.77		196.64	
Mean	196.36	196.11	196.54	197.34	197.05	198.00	197.31	197.07	196.85	196.80	196.74	196.69	
Max	196.54	196.16	197.46	198.17	197.29	198.44	198.00	197.75	196.88	196.82	196.77	196.71	198.44
Min	196.15	196.08	196.10	197.00	196.98	197.50	197.07	196.84	196.84	196.77	196.71	196.64	196.08
Annual Max Momentary Gage Height	198.46		m. (MSL.) ,			at 16.00 Hours, on Sep 13, 2005							
Zero Gage at Bottom Elevation	194.73		m. (MSL.) ,			River Bed	193.60	m. (MSL.)					
Left Bank Elevation		201.49		m. (MSL.) ,									
Right Bank Elevation		201.55		m. (MSL.) ,		Drainage Are	1,364	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	2.25	2.70	19.90	24.55	2.70	0.40	0.10	0.00	0.00	
2	0.00	0.00	0.00	1.50	2.25	26.30	27.00	2.70	0.40	0.10	0.00	0.00	
3	0.00	0.00	0.00	2.40	1.95	30.85	25.25	3.00	0.35	0.10	0.00	0.00	
4	0.00	0.00	0.00	4.35	1.65	34.40	21.30	2.85	0.30	0.10	0.00	0.00	
5	0.00	0.00	0.00	11.00	1.50	31.55	18.90	2.70	0.30	0.10	0.00	0.00	
6	0.00	0.00	0.00	13.60	1.80	21.90	16.20	2.40	0.30	0.05	0.00	0.00	
7	0.00	0.00	0.00	12.30	1.95	21.10	14.25	1.20	0.30	0.05	0.00	0.00	
8	0.00	0.00	0.00	6.45	1.80	18.70	13.60	0.50	0.25	0.05	0.00	0.00	
9	0.00	0.00	0.00	3.90	1.50	20.10	13.27	1.00	0.25	0.05	0.00	0.00	
10	0.00	0.00	0.00	2.40	1.40	27.70	12.30	2.55	0.30	0.05	0.00	0.00	
11	0.00	0.00	0.00	2.10	1.30	36.80	8.73	2.70	0.30	0.00	0.00	0.00	
12	0.00	0.00	0.00	1.95	1.40	41.60	6.78	2.55	0.30	0.00	0.00	0.00	
13	0.00	0.00	0.00	2.70	1.50	43.60	5.47	2.55	0.25	0.00	0.00	0.00	
14	0.00	0.00	0.00	13.27	1.40	42.80	4.20	3.15	0.25	0.00	0.00	0.00	
15	0.00	0.00	0.00	13.27	1.30	38.80	3.75	16.53	0.25	0.00	0.00	0.00	
16	0.00	0.00	0.00	9.70	1.40	29.80	3.60	20.50	0.25	0.00	0.00	0.00	
17	0.00	0.00	0.00	6.78	1.95	21.10	3.75	9.05	0.25	0.00	0.00	0.00	
18	0.00	0.00	0.00	3.90	1.80	18.10	3.00	11.33	0.25	0.00	0.00	0.00	
19	0.00	0.00	0.00	2.10	1.80	14.25	2.85	5.80	0.20	0.00	0.00	0.00	
20	0.00	0.00	0.90	2.10	1.65	19.10	2.70	2.85	0.20	0.00	0.00	0.00	
21	0.00	0.00	2.55	7.10	1.50	25.60	3.00	1.40	0.20	0.00	0.00	0.00	
22	0.00	0.00	1.95	11.00	1.40	35.20	3.15	1.10	0.20	0.00	0.00	0.00	
23	0.00	0.00	1.20	14.25	1.65	40.80	2.85	0.90	0.20	0.00	0.00	0.00	
24	0.00	0.00	1.65	22.50	1.50	41.60	2.70	0.70	0.20	0.00	0.00	0.00	
25	0.00	0.00	9.70	32.25	1.40	37.20	2.55	0.60	0.20	0.00	0.00	0.00	
26	0.00	0.00	11.00	32.95	3.45	29.80	2.70	0.30	0.20	0.00	0.00	0.00	
27	0.00	0.00	12.95	24.20	3.00	22.90	2.70	0.20	0.20	0.00	0.00	0.00	
28	0.00	0.00	7.42	18.10	4.83	19.90	3.45	0.30	0.20	0.00	0.00	0.00	
29	0.00	0.00	4.50	7.75	4.35	18.90	3.60	0.40	0.20	0.00	0.00	0.00	
30	0.00	0.00	3.60	4.50	6.45	20.70	3.75	0.40	0.20	0.00	0.00	0.00	
31	0.00	0.00	0.00	3.45	7.42	0.00	3.60	0.00	0.20	0.00	0.00	0.00	
Total	0.00	0.00	57.42	296.07	70.95	851.05	265.50	104.91	7.85	0.75	0.00	0.00	1654.50 CMSDAY
Mean	0.00	0.00	1.91	9.55	2.29	28.37	8.56	3.50	0.25	0.02	0.00	0.00	4.53 CMS
Max	0.00	0.00	12.95	32.95	7.42	43.60	27.00	20.50	0.40	0.10	0.00	0.00	43.60 CMS
Min	0.00	0.00	0.00	1.50	1.30	14.25	2.55	0.20	0.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	4.96	25.58	6.13	73.53	22.94	9.06	0.68	0.07	0.00	0.00	142.95 MCM
Momentary Peak	44.40	CMS, at 198.46 m. (MSL.), at 16.00 Hours, on Sep 13, 2005											
Runoff Yield	3.32	Liters/Second/Square KM.		Momentary Peak Yield		32.551	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Nam Yang at Ban Kut Kwang , Roi Et (E.70)

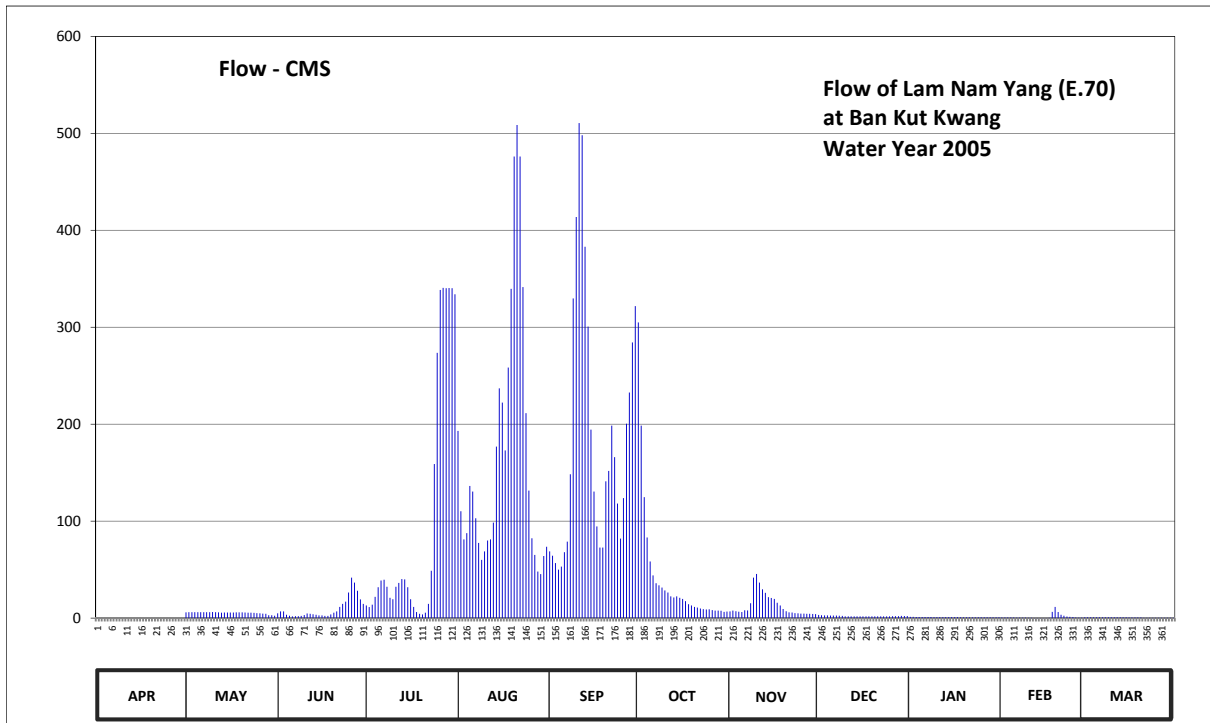
Lat 16 - 17 - 14 N Long 104 - 00 - 34 E

Location : on right bank at the bridge on highway.

	Ban Kut Kwang	Amphoe Phon Thong	Changwat Roi Et
Drainage Area	2,647 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+132.120 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank at the abutment of the bridge.		Elevation +144.037 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +138.900 m.(M.S.L.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 28 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	131.69	132.54	132.46	132.95	137.06	134.72	138.58	132.62	132.29	132.07	132.00	132.01	
2	131.69	132.55	132.62	132.87	135.64	134.61	137.14	132.67	132.27	132.07	132.00	132.01	
3	131.70	132.55	132.62	132.99	135.03	134.42	135.92	132.63	132.25	132.06	131.99	132.01	
4	131.70	132.55	132.32	133.33	135.18	134.25	135.08	132.59	132.24	132.06	131.99	132.01	
5	131.70	132.55	132.21	133.66	136.14	134.33	134.46	132.56	132.23	132.06	131.99	132.01	
6	131.70	132.55	132.14	133.89	136.03	134.70	134.07	132.69	132.22	132.05	131.98	132.01	
7	131.70	132.55	132.16	133.92	135.50	134.97	133.80	132.68	132.22	132.05	131.97	132.01	
8	131.69	132.55	132.15	133.68	134.94	136.36	133.73	133.06	132.21	132.05	131.97	132.01	
9	131.69	132.55	132.18	133.30	134.50	138.86	133.65	133.99	132.18	132.04	131.96	132.01	
10	131.69	132.56	132.28	133.24	134.72	139.67	133.55	134.12	132.13	132.04	131.95	132.01	
11	131.69	132.55	132.45	133.68	135.00	140.17	133.48	133.82	132.13	132.04	131.94	132.01	
12	131.69	132.54	132.42	133.81	135.03	140.11	133.35	133.59	132.13	132.04	131.92	132.01	
13	131.70	132.52	132.37	133.94	135.41	139.60	133.31	133.47	132.13	132.04	131.92	132.01	
14	131.70	132.53	132.32	133.93	136.81	138.53	133.35	133.32	132.13	132.04	131.92	132.01	
15	131.70	132.53	132.25	133.66	137.69	137.08	133.30	133.29	132.13	132.03	131.93	132.01	
16	131.72	132.53	132.25	133.24	137.49	136.03	133.25	133.25	132.13	132.03	131.93	132.00	
17	131.72	132.53	132.18	132.88	136.75	135.33	133.16	133.09	132.13	132.03	131.94	132.00	
18	131.71	132.54	132.18	132.57	137.98	134.82	133.02	132.95	132.13	132.02	132.58	132.00	
19	131.70	132.54	132.35	132.42	139.40	134.82	132.95	132.77	132.13	132.02	132.88	132.00	
20	131.70	132.54	132.52	132.36	139.99	136.23	132.88	132.63	132.13	132.02	132.57	132.00	
21	131.70	132.53	132.61	132.51	140.16	136.42	132.85	132.54	132.13	132.02	132.32	131.95	
22	131.70	132.52	132.88	133.03	139.99	137.14	132.80	132.53	132.13	132.02	132.21	131.95	
23	131.71	132.51	133.03	134.22	139.10	136.64	132.76	132.47	132.13	132.02	132.12	131.95	
24	131.72	132.50	133.14	136.53	137.33	135.79	132.74	132.46	132.14	132.01	132.07	131.95	
25	131.72	132.48	133.48	138.18	136.05	135.05	132.75	132.44	132.14	132.01	132.06	131.95	
26	131.71	132.46	133.99	138.96	135.06	135.90	132.70	132.43	132.15	132.01	132.00	131.95	
27	131.70	132.44	133.82	139.23	134.63	137.17	132.67	132.42	132.15	132.01	131.98	131.95	
28	131.70	132.42	133.54	139.27	134.20	137.63	132.67	132.42	132.16	132.01	131.97	131.95	
29	131.70	132.27	133.23	139.26	134.11	138.32	132.66	132.41	132.18	132.01		131.95	
30	131.70	132.27	133.03	139.28	134.60	138.77	132.58	132.39	132.17	132.01		131.95	
31		132.21		138.91	134.84		132.60		132.17	132.01		131.95	
Mean	131.70	132.50	132.64	134.70	136.33	136.61	133.61	132.88	132.17	132.03	132.07	131.99	
Max	131.72	132.56	133.99	139.28	140.16	140.17	138.58	134.12	132.29	132.07	132.88	132.01	140.17
Min	131.69	132.21	132.14	132.36	134.11	134.25	132.58	132.39	132.13	132.01	131.92	131.95	131.69
Annual Max Momentary Gage Height	140.22		m. (MSL.) ,				at 14.00 Hours, on Sep 11, 2005						
Zero Gage at Bottom Elevation	132.12		m. (MSL.) ,			River Bed	129.67	m. (MSL.)					
Left Bank Elevation		144.58		m. (MSL.) ,									
Right Bank Elevation		144.01		m. (MSL.) ,		Drainage Area	2,647	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	5.92	4.92	12.95	193.08	68.80	305.04	7.00	3.21	1.26	0.70	0.78	
2	0.00	6.05	7.00	11.30	110.28	64.40	198.52	7.75	3.03	1.26	0.70	0.78	
3	0.00	6.05	7.00	13.79	81.20	56.80	124.84	7.15	2.85	1.18	0.63	0.78	
4	0.00	6.05	3.48	21.90	87.60	50.00	83.20	6.57	2.76	1.18	0.63	0.78	
5	0.00	6.05	2.49	31.80	136.28	53.20	58.40	6.18	2.67	1.18	0.63	0.78	
6	0.00	6.05	1.86	38.70	130.56	68.00	44.10	8.05	2.58	1.10	0.56	0.78	
7	0.00	6.05	2.04	39.60	103.00	78.80	36.00	7.90	2.58	1.10	0.49	0.78	
8	0.00	6.05	1.95	32.40	77.60	148.36	33.90	15.26	2.49	1.10	0.49	0.78	
9	0.00	6.05	2.22	21.00	60.00	329.68	31.50	41.70	2.22	1.02	0.42	0.78	
10	0.00	6.18	3.12	19.50	68.80	413.80	28.50	45.60	1.77	1.02	0.35	0.78	
11	0.00	6.05	4.80	32.40	80.00	510.70	26.40	36.60	1.77	1.02	0.28	0.78	
12	0.00	5.92	4.44	36.30	81.20	498.10	22.50	29.70	1.77	1.02	0.14	0.78	
13	0.00	5.66	3.93	40.20	98.50	383.00	21.30	26.10	1.77	1.02	0.14	0.78	
14	0.00	5.79	3.48	39.90	176.84	300.64	22.50	21.60	1.77	1.02	0.14	0.78	
15	0.00	5.79	2.85	31.80	237.06	194.44	21.00	20.75	1.77	0.94	0.21	0.78	
16	0.00	5.79	2.85	19.50	222.32	130.56	19.75	19.75	1.77	0.94	0.21	0.70	
17	0.00	5.79	2.22	11.50	173.00	94.50	17.54	15.89	1.77	0.94	0.28	0.70	
18	0.00	5.92	2.22	6.31	258.52	72.80	14.42	12.95	1.77	0.86	6.44	0.70	
19	0.00	5.92	3.75	4.44	339.60	72.80	12.95	9.39	1.77	0.86	11.50	0.70	
20	0.00	5.92	5.66	3.84	476.20	141.08	11.50	7.15	1.77	0.86	6.31	0.70	
21	0.00	5.79	6.85	5.53	508.60	151.88	10.90	5.92	1.77	0.86	3.48	0.35	
22	0.00	5.66	11.50	14.63	476.20	198.52	9.90	5.79	1.77	0.86	2.49	0.35	
23	0.00	5.53	14.63	48.80	341.40	165.96	9.22	5.04	1.77	0.86	1.68	0.35	
24	0.00	5.40	17.06	158.92	211.44	118.08	8.88	4.92	1.86	0.78	1.26	0.35	
25	0.00	5.16	26.40	273.68	131.60	82.00	9.05	4.68	1.86	0.78	1.18	0.35	
26	0.00	4.92	41.70	338.48	82.40	123.80	8.20	4.56	1.95	0.78	0.70	0.35	
27	0.00	4.68	36.60	340.62	65.20	200.56	7.75	4.44	1.95	0.78	0.56	0.35	
28	0.00	4.44	28.20	340.38	48.00	232.62	7.75	4.44	2.04	0.78	0.49	0.35	
29	0.00	3.03	19.25	340.44	45.30	284.32	7.60	4.32	2.22	0.78		0.35	
30	0.00	3.03	14.63	340.32	64.00	321.76	6.44	4.11	2.13	0.78		0.35	
31		2.49		334.08	73.60		6.70		2.13	0.78		0.35	
Total	0.00	169.18	289.10	3005.01	5239.38	5609.96	1226.25	401.26	65.31	29.70	43.09	19.05	16097.29 CMSDAY
Mean	0.00	5.46	9.64	96.94	169.01	187.00	39.56	13.38	2.11	0.96	1.54	0.61	44.10 CMS
Max	0.00	6.18	41.70	340.62	508.60	510.70	305.04	45.60	3.21	1.26	11.50	0.78	510.70 CMS
Min	0.00	2.49	1.86	3.84	45.30	50.00	6.44	4.11	1.77	0.78	0.14	0.35	0.00 CMS
Runoff	0.00	14.62	24.98	259.63	452.68	484.70	105.95	34.67	5.64	2.57	3.72	1.65	1390.81 MCM
Momentary Peak	521.20	CMS, at 140.22 m. (MSL.), at 14.00 Hours, on Sep 11, 2005											
Runoff Yield	16.66	Liters/Second/Square KM.		Momentary Peak Yield		196.902	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Chiang at Ban Chiang , Chaiphaphum (E.72)

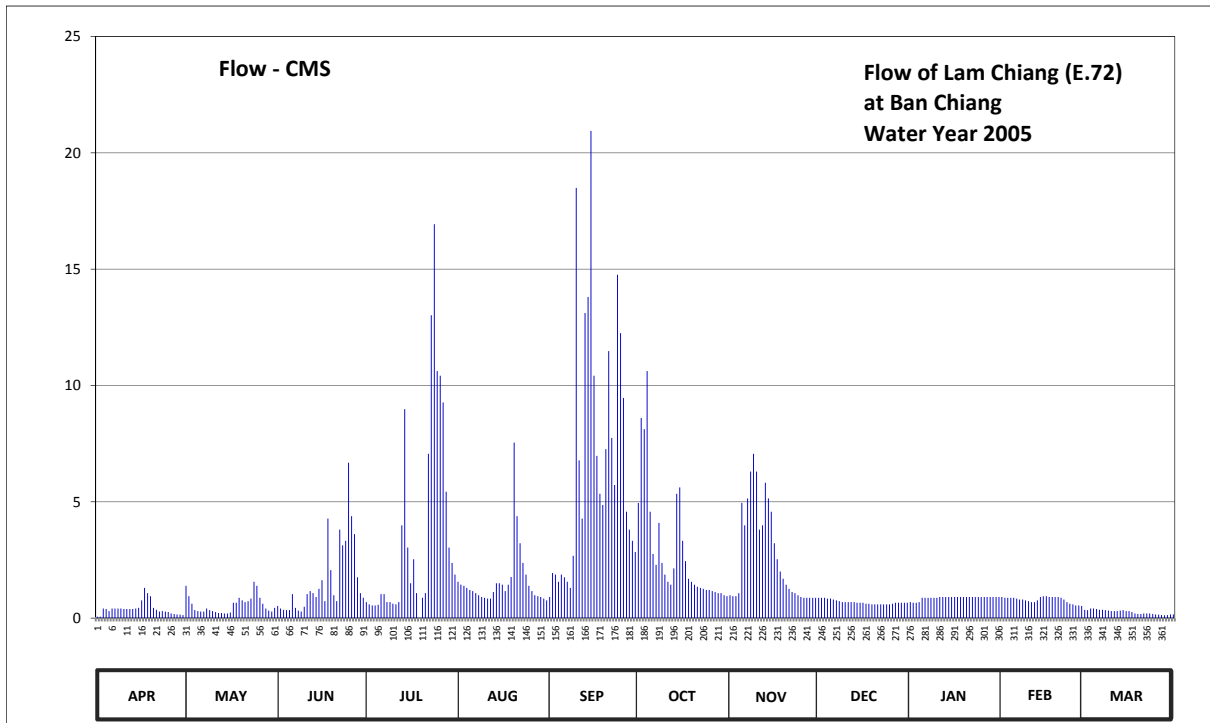
Lat 16 - 01 - 26 N Long 101 - 30 - 12 E

Location : on left bank at Ban Chiang School.

	Ban Chiang	Amphoe Phak Di Chumphon	Changwat Chaiphaphum
Drainage Area	323 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+234.120 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream at the footpath of the bridge.	Elevation	+243.534 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	234.23	234.69	234.46	234.52	234.72	234.58	235.12	234.60	234.57	234.52	234.58	234.40	
2	234.23	234.59	234.42	234.49	234.70	234.78	235.50	234.59	234.57	234.51	234.57	234.39	
3	234.42	234.50	234.40	234.47	234.69	234.77	235.45	234.59	234.57	234.51	234.57	234.42	
4	234.41	234.39	234.39	234.47	234.67	234.72	235.71	234.62	234.56	234.52	234.57	234.42	
5	234.37	234.37	234.39	234.48	234.65	234.77	235.08	235.12	234.56	234.57	234.57	234.41	
6	234.42	234.36	234.61	234.61	234.64	234.75	234.89	235.02	234.55	234.57	234.56	234.40	
7	234.42	234.36	234.43	234.61	234.62	234.72	234.83	235.14	234.54	234.57	234.55	234.40	
8	234.42	234.42	234.38	234.52	234.60	234.67	235.03	235.26	234.53	234.57	234.55	234.39	
9	234.42	234.39	234.36	234.52	234.58	234.88	234.84	235.34	234.52	234.57	234.54	234.38	
10	234.41	234.37	234.45	234.50	234.57	236.43	234.77	235.26	234.52	234.57	234.53	234.37	
11	234.41	234.35	234.61	234.49	234.56	235.31	234.72	235.00	234.52	234.58	234.52	234.37	
12	234.41	234.33	234.64	234.52	234.56	235.05	234.70	235.02	234.52	234.58	234.52	234.37	
13	234.41	234.33	234.62	235.02	234.63	235.97	234.81	235.21	234.52	234.58	234.54	234.38	
14	234.42	234.32	234.58	235.54	234.71	236.04	235.16	235.14	234.51	234.58	234.58	234.39	
15	234.43	234.32	234.66	234.92	234.71	236.61	235.19	235.08	234.51	234.58	234.59	234.37	
16	234.54	234.34	234.73	234.71	234.70	235.69	234.95	234.94	234.51	234.58	234.59	234.37	
17	234.67	234.51	234.53	234.86	234.64	235.33	234.85	234.86	234.50	234.58	234.58	234.35	
18	234.62	234.51	235.05	234.62	234.70	235.16	234.74	234.79	234.50	234.58	234.58	234.32	
19	234.59	234.57	234.80	234.56	235.83	235.11	234.72	234.74	234.49	234.58	234.58	234.31	
20	234.43	234.54	234.60	234.57	235.39	235.36	234.70	234.70	234.49	234.58	234.58	234.31	
21	234.40	234.52	234.53	234.62	235.06	235.80	234.68	234.66	234.49	234.58	234.57	234.32	
22	234.36	234.53	235.00	235.34	234.94	235.41	234.67	234.63	234.49	234.58	234.55	234.32	
23	234.37	234.56	234.93	235.96	234.84	235.20	234.66	234.62	234.49	234.58	234.52	234.32	
24	234.36	234.72	234.95	236.31	234.77	236.13	234.65	234.60	234.49	234.58	234.50	234.31	
25	234.35	234.69	235.30	235.71	234.69	235.88	234.65	234.58	234.49	234.58	234.49	234.30	
26	234.32	234.57	235.06	235.69	234.64	235.59	234.64	234.57	234.50	234.58	234.47	234.29	
27	234.31	234.50	234.98	235.57	234.60	235.08	234.63	234.57	234.51	234.58	234.47	234.28	
28	234.30	234.42	234.75	235.17	234.59	235.00	234.62	234.57	234.51	234.58	234.46	234.27	
29	234.29	234.38	234.62	234.92	234.58	234.95	234.62	234.57	234.51	234.58		234.28	
30	234.28	234.36	234.57	234.84	234.56	234.90	234.60	234.57	234.51	234.58		234.30	
31		234.43		234.77	234.54		234.59		234.51	234.58		234.30	
Mean	234.40	234.46	234.66	234.90	234.73	235.29	234.86	234.83	234.52	234.57	234.55	234.35	
Max	234.67	234.72	235.30	236.31	235.83	236.61	235.71	235.34	234.57	234.58	234.59	234.42	236.61
Min	234.23	234.32	234.36	234.47	234.54	234.58	234.59	234.57	234.49	234.51	234.46	234.27	234.23
Annual Max Momentary Gage Height	237.00		m. (MSL.) ,				at 06.00 Hours, on Sep 15, 2005						
Zero Gage at Bottom Elevation	234.12		m. (MSL.) ,			River Bed	233.71	m. (MSL.)					
Left Bank Elevation		243.28		m. (MSL.) ,									
Right Bank Elevation		243.26		m. (MSL.) ,		Drainage Are	323	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	1.39	0.52	0.69	1.56	0.91	4.95	0.98	0.87	0.69	0.91	0.36	
2	0.06	0.94	0.41	0.59	1.44	1.94	8.60	0.94	0.87	0.66	0.87	0.34	
3	0.41	0.62	0.36	0.54	1.39	1.87	8.12	0.94	0.87	0.66	0.87	0.41	
4	0.39	0.34	0.34	0.54	1.30	1.56	10.62	1.07	0.84	0.69	0.87	0.41	
5	0.30	0.30	0.34	0.57	1.21	1.87	4.57	4.95	0.84	0.87	0.87	0.39	
6	0.41	0.28	1.03	1.03	1.16	1.75	2.76	3.99	0.80	0.87	0.84	0.36	
7	0.41	0.28	0.44	1.03	1.07	1.56	2.29	5.14	0.76	0.87	0.80	0.36	
8	0.41	0.41	0.32	0.69	0.98	1.30	4.09	6.30	0.73	0.87	0.80	0.34	
9	0.41	0.34	0.28	0.69	0.91	2.68	2.37	7.06	0.69	0.87	0.76	0.32	
10	0.39	0.30	0.49	0.62	0.87	18.49	1.87	6.30	0.69	0.87	0.73	0.30	
11	0.39	0.26	1.03	0.59	0.84	6.78	1.56	3.80	0.69	0.91	0.69	0.30	
12	0.39	0.22	1.16	0.69	0.84	4.28	1.44	3.99	0.69	0.91	0.69	0.30	
13	0.39	0.22	1.07	3.99	1.12	13.11	2.14	5.82	0.69	0.91	0.76	0.32	
14	0.41	0.20	0.91	8.98	1.50	13.80	5.34	5.14	0.66	0.91	0.91	0.34	
15	0.44	0.20	1.26	3.03	1.50	20.94	5.62	4.57	0.66	0.91	0.94	0.30	
16	0.76	0.24	1.63	1.50	1.44	10.42	3.32	3.22	0.66	0.91	0.94	0.30	
17	1.30	0.66	0.73	2.53	1.16	6.97	2.45	2.53	0.62	0.91	0.91	0.26	
18	1.07	0.66	4.28	1.07	1.44	5.34	1.69	2.00	0.62	0.91	0.91	0.20	
19	0.94	0.87	2.06 0.84	1	1.77	4.86	1.56	1.69	0.59	0.91	0.91	0.18	
20	0.44	0.76	0.98	0.87	7.54	7.26	1.44	1.44	0.59	0.91	0.91	0.18	
21	0.36	0.69	0.73	1.07	4.38	11.48	1.35	1.26	0.59	0.91	0.87	0.20	
22	0.28	0.73	3.80	7.06	3.22	7.74	1.30	1.12	0.59	0.91	0.80	0.20	
23	0.30	0.84	3.13	13.02	2.37	5.72	1.26	1.07	0.59	0.91	0.69	0.20	
24	0.28	1.56	3.32	16.93	1.87	14.76	1.21	0.98	0.59	0.91	0.62	0.18	
25	0.26	1.39	6.68	10.62	1.39	12.25	1.21	0.91	0.59	0.91	0.59	0.16	
26	0.20	0.87	4.38	10.42	1.16	9.46	1.16	0.87	0.62	0.91	0.54	0.15	
27	0.18	0.62	3.61	9.27	0.98	4.57	1.12	0.87	0.66	0.91	0.54	0.13	
28	0.16	0.41	1.75	5.43	0.94	3.80	1.07	0.87	0.66	0.91	0.52	0.12	
29	0.15	0.32	1.07	3.03	0.91	3.32	1.07	0.87	0.66	0.91		0.13	
30	0.13	0.28	0.87	2.37	0.84	2.84	0.98	0.87	0.66	0.91		0.16	
31		0.44		1.87	0.76		0.94		0.66	0.91		0.16	
Total	12.08	17.64	48.98	112.17	59.86	203.63	89.47	81.56	21.30	27.03	22.06	8.06	703.84 CMSDAY
Mean	0.40	0.57	1.63	3.62	1.93	6.79	2.89	2.72	0.69	0.87	0.79	0.26	1.93 CMS
Max	1.30	1.56	6.68	16.93	11.77	20.94	10.62	7.06	0.87	0.91	0.94	0.41	20.94 CMS
Min	0.06	0.20	0.28	0.54	0.76	0.91	0.94	0.87	0.59	0.66	0.52	0.12	0.06 CMS
Runoff	1.04	1.52	4.23	9.69	5.17	17.59	7.73	7.05	1.84	2.34	1.91	0.70	60.81 MCM
Momentary Peak	26.40	CMS, at 237.00 m. (MSL.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	5.97	Liters/Second/Square KM.		Momentary Peak Yield		81.734	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Chao at Ban Wang Taku , Chaiyaphum (E.73)

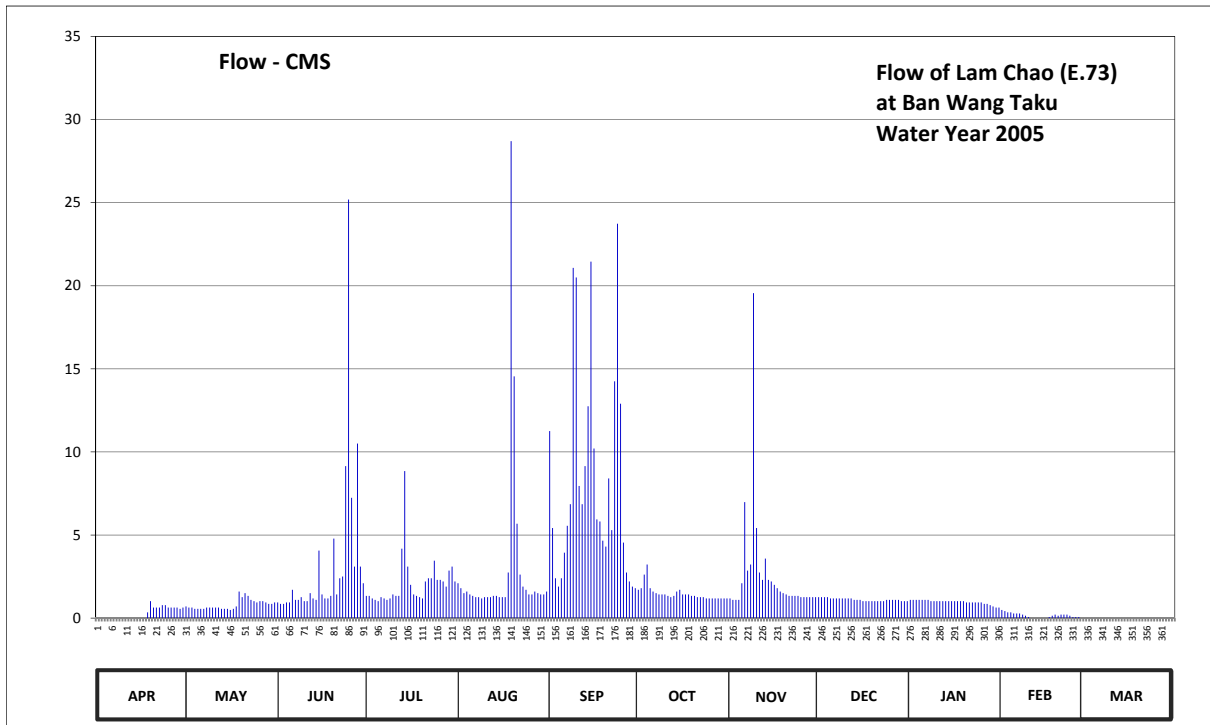
Lat 15 - 56 - 59 N Long 101 - 26 - 44 E

Location : on left bank at Ban Wang Taku, Tambon Ban Chiang.

	Ban	Wang Taku	Amphoe	Phak Di Chumphon	Changwat	Chaiyaphum
Drainage Area	251	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+247.240 m. (MSL.)					
Bench Mark	B.M.- H.D.					
Location BM	On left bank about 2 meters from the top staff gage.				Elevation	+254.832 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	1984 to date					
Rating Operation						
Period of Rating	1987 to date					
Rated by Flot	-					
Rated by Current Meter	1987 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The local weir situated about 4 kilometers downstream from the gage site. Stage-discharge relation defined by 39 discharge measurements made in 2005.					

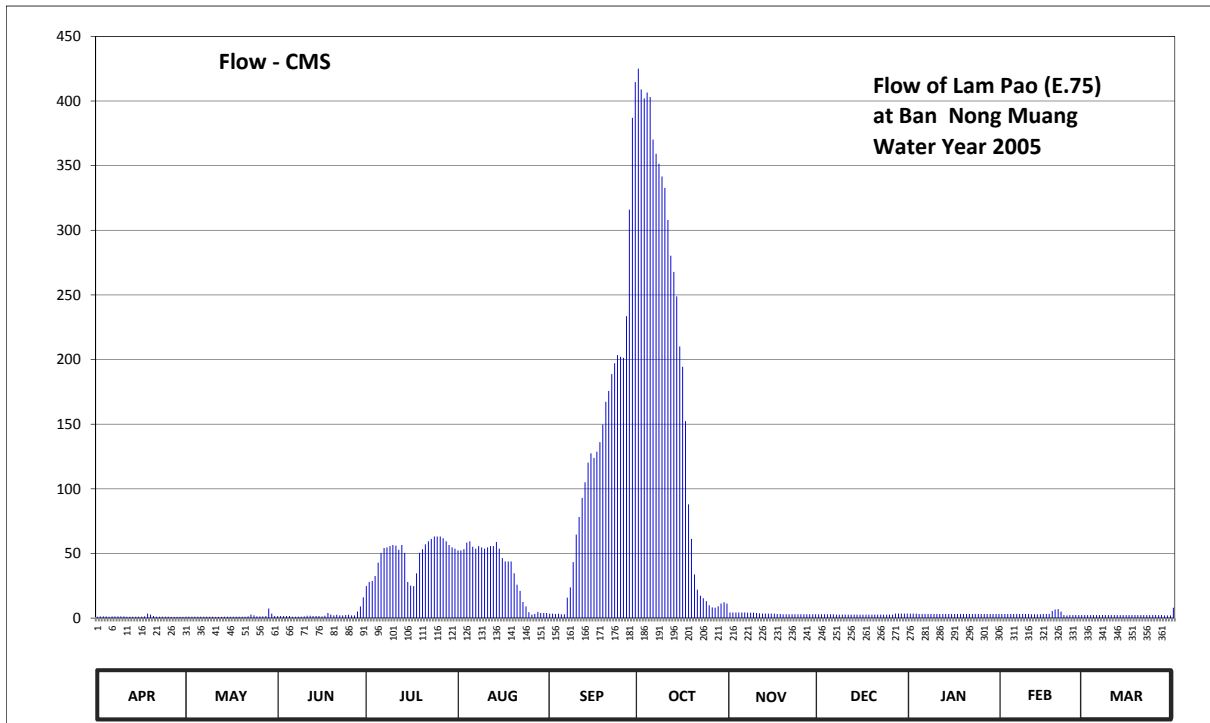
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	249.15	249.60	249.63	249.68	249.76	250.45	249.72	249.66	249.67	249.65	249.57	249.47	
2	249.14	249.59	249.62	249.68	249.73	250.04	249.73	249.65	249.67	249.65	249.56	249.46	
3	249.14	249.59	249.62	249.66	249.70	249.79	249.81	249.65	249.67	249.65	249.55	249.44	
4	249.13	249.58	249.63	249.65	249.71	249.74	249.86	249.65	249.67	249.65	249.55	249.43	
5	249.13	249.58	249.63	249.64	249.69	249.79	249.73	249.76	249.66	249.65	249.54	249.42	
6	249.14	249.58	249.72	249.67	249.68	249.92	249.71	250.16	249.66	249.65	249.54	249.41	
7	249.13	249.58	249.65	249.66	249.67	250.05	249.70	249.83	249.66	249.65	249.54	249.40	
8	249.12	249.59	249.65	249.65	249.67	250.15	249.69	249.86	249.66	249.64	249.53	249.39	
9	249.11	249.59	249.67	249.66	249.66	251.03	249.69	250.95	249.66	249.64	249.52	249.39	
10	249.10	249.59	249.64	249.69	249.67	251.00	249.69	250.04	249.66	249.64	249.51	249.38	
11	249.10	249.59	249.64	249.68	249.67	250.23	249.68	249.82	249.66	249.64	249.50	249.37	
12	249.14	249.59	249.70	249.68	249.67	250.15	249.67	249.78	249.66	249.64	249.49	249.36	
13	249.20	249.58	249.66	249.94	249.68	250.31	249.68	249.89	249.65	249.64	249.49	249.35	
14	249.20	249.58	249.65	250.29	249.68	250.55	249.71	249.78	249.65	249.64	249.50	249.35	
15	249.20	249.58	249.93	249.85	249.67	251.05	249.72	249.77	249.65	249.64	249.50	249.34	
16	249.20	249.57	249.69	249.75	249.67	250.38	249.69	249.75	249.64	249.64	249.50	249.33	
17	249.19	249.58	249.66	249.69	249.67	250.08	249.69	249.73	249.64	249.64	249.51	249.32	
18	249.55	249.60	249.66	249.68	249.82	250.07	249.69	249.71	249.64	249.64	249.52	249.31	
19	249.64	249.71	249.68	249.67	251.40	249.98	249.68	249.70	249.64	249.64	249.53	249.31	
20	249.59	249.67	249.99	249.66	250.67	249.95	249.68	249.69	249.64	249.63	249.52	249.31	
21	249.59	249.70	249.69	249.77	250.06	250.26	249.67	249.68	249.64	249.63	249.53	249.31	
22	249.59	249.68	249.79	249.79	249.81	250.03	249.67	249.68	249.64	249.63	249.53	249.30	
23	249.61	249.65	249.80	249.79	249.74	250.65	249.67	249.68	249.64	249.63	249.53	249.29	
24	249.61	249.64	250.31	249.88	249.72	251.17	249.66	249.68	249.65	249.63	249.52	249.28	
25	249.59	249.63	251.24	249.78	249.69	250.56	249.66	249.67	249.65	249.63	249.51	249.28	
26	249.59	249.64	250.18	249.78	249.69	249.97	249.66	249.67	249.65	249.62	249.51	249.27	
27	249.59	249.64	249.85	249.77	249.71	249.82	249.66	249.67	249.65	249.62	249.51	249.26	
28	249.59	249.63	250.40	249.74	249.70	249.77	249.66	249.67	249.65	249.61	249.50	249.25	
29	249.58	249.62	249.85	249.83	249.69	249.74	249.66	249.67	249.64	249.60		249.24	
30	249.59	249.62	249.76	249.85	249.69	249.73	249.66	249.67	249.64	249.59		249.23	
31		249.63		249.77	249.71		249.66		249.64	249.59		249.25	
Mean	249.34	249.61	249.82	249.75	249.80	250.21	249.69	249.79	249.65	249.63	249.52	249.34	
Max	249.64	249.71	251.24	250.29	251.40	251.17	249.86	250.95	249.67	249.65	249.57	249.47	251.40
Min	249.10	249.57	249.62	249.64	249.66	249.73	249.66	249.65	249.64	249.59	249.49	249.23	249.10
Annual Max Momentary Gage Height	251.86		m. (MSL.) ,				at 17.00 Hours, on Jun 25, 2005						
Zero Gage at Bottom Elevation	247.24		m. (MSL.) ,			River Bed	247.65	m. (MSL.)					
Left Bank Elevation		254.67		m. (MSL.) ,									
Right Bank Elevation		255.24		m. (MSL.) ,		Drainage Are	251	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.70	0.94	1.34	2.10	11.25	1.70	1.18	1.26	1.10	0.49	0.00	
2	0.00	0.63	0.86	1.34	1.80	5.42	1.80	1.10	1.26	1.10	0.42	0.00	
3	0.00	0.63	0.86	1.18	1.50	2.40	2.62	1.10	1.26	1.10	0.35	0.00	
4	0.00	0.56	0.94	1.10	1.60	1.90	3.22	1.10	1.26	1.10	0.35	0.00	
5	0.00	0.56	0.94	1.02	1.42	2.40	1.80	2.10	1.18	1.10	0.28	0.00	
6	0.00	0.56	1.70	1.26	1.34	3.94	1.60	6.98	1.18	1.10	0.28	0.00	
7	0.00	0.56	1.10	1.18	1.26	5.55	1.50	2.86	1.18	1.10	0.28	0.00	
8	0.00	0.63	1.10	1.10	1.26	6.85	1.42	3.22	1.18	1.02	0.21	0.00	
9	0.00	0.63	1.26	1.18	1.18	21.07	1.42	19.55	1.18	1.02	0.14	0.00	
10	0.00	0.63	1.02	1.42	1.26	20.50	1.42	5.42	1.18	1.02	0.07	0.00	
11	0.00	0.63	1.02	1.34	1.26	7.95	1.34	2.74	1.18	1.02	0.00	0.00	
12	0.00	0.63	1.50	1.34	1.26	6.85	1.26	2.30	1.18	1.02	0.00	0.00	
13	0.00	0.56	1.18	4.18	1.34	9.15	1.34	3.58	1.10	1.02	0.00	0.00	
14	0.00	0.56	1.10	8.85	1.34	12.75	1.60	2.30	1.10	1.02	0.00	0.00	
15	0.00	0.56	4.06	3.10	1.26	21.45	1.70	2.20	1.10	1.02	0.00	0.00	
16	0.00	0.49	1.42	2.00	1.26	10.20	1.42	2.00	1.02	1.02	0.00	0.00	
17	0.00	0.56	1.18	1.42	1.26	5.94	1.42	1.80	1.02	1.02	0.07	0.00	
18	0.35	0.70	1.18	1.34	2.74	5.81	1.42	1.60	1.02	1.02	0.14	0.00	
19	1.02	1.60	1.34	1.26	28.70	4.66	1.34	1.50	1.02	1.02	0.21	0.00	
20	0.63	1.26	4.78	1.18	14.55	4.30	1.34	1.42	1.02	0.94	0.14	0.00	
21	0.63	1.50	1.42	2.20	5.68	8.40	1.26	1.34	1.02	0.94	0.21	0.00	
22	0.63	1.34	2.40	2.40	2.62	5.29	1.26	1.34	1.02	0.94	0.21	0.00	
23	0.78	1.10	2.50	2.40	1.90	14.25	1.26	1.34	1.02	0.94	0.21	0.00	
24	0.78	1.02	9.15	3.46	1.70	23.73	1.18	1.34	1.10	0.94	0.14	0.00	
25	0.63	0.94	25.18	2.30	1.42	12.90	1.18	1.26	1.10	0.94	0.07	0.00	
26	0.63	1.02	7.24	2.30	1.42	4.54	1.18	1.26	1.10	0.86	0.07	0.00	
27	0.63	1.02	3.10	2.20	1.60	2.74	1.18	1.26	1.10	0.86	0.07	0.00	
28	0.63	0.94	10.50	1.90	1.50	2.20	1.18	1.26	1.10	0.78	0.00	0.00	
29	0.56	0.86	3.10	2.86	1.42	1.90	1.18	1.26	1.02	0.70	0.00	0.00	
30	0.63	0.86	2.10	3.10	1.42	1.80	1.18	1.26	1.02	0.63	0.00	0.00	
31		0.94		2.20	1.60		1.18		1.02	0.63		0.00	
Total	8.53	25.18	96.17	65.45	91.97	248.09	45.90	78.97	34.50	30.04	4.41	0.00	729.21 CMSDAY
Mean	0.28	0.81	3.21	2.11	2.97	8.27	1.48	2.63	1.11	0.97	0.16	0.00	2.00 CMS
Max	1.02	1.60	25.18	8.85	28.70	23.73	3.22	19.55	1.26	1.10	0.49	0.00	28.70 CMS
Min	0.00	0.49	0.86	1.02	1.18	1.80	1.18	1.10	1.02	0.63	0.00	0.00	0.00 CMS
Runoff	0.74	2.18	8.31	5.66	7.95	21.44	3.97	6.82	2.98	2.60	0.38	0.00	63.00 MCM
Momentary Peak	38.82 CMS, at 251.86 m. (MSL.), at 17.00 Hours, on Jun 25, 2005												
Runoff Yield	7.96 Liters/Second/Square KM.			Momentary Peak Yield 154.661 Liters/Second/Square KM.									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.15	1.15	1.61	24.80	52.35	3.45	425.00	4.37	2.99	3.45	3.22	2.30		
2	1.38	1.15	1.61	27.95	52.35	3.45	408.90	4.37	2.99	3.45	3.22	2.30		
3	1.38	1.15	1.61	28.65	53.29	3.22	402.00	4.37	2.99	3.45	3.22	2.30		
4	1.38	1.15	1.61	32.60	58.46	3.45	406.60	4.37	2.99	3.22	3.22	2.30		
5	1.15	1.15	1.61	42.92	59.40	2.99	403.15	4.37	2.99	3.22	3.22	2.30		
6	1.38	1.15	1.15	50.47	55.17	2.99	370.20	4.37	2.99	3.22	3.22	2.30		
7	1.38	1.15	1.15	54.23	53.76	15.81	359.20	4.14	2.76	3.22	3.22	2.30		
8	1.38	1.15	1.15	54.70	55.64	23.75	351.50	4.14	2.76	3.22	3.22	2.30		
9	1.38	1.15	1.15	55.64	54.70	43.35	341.60	4.14	2.76	3.22	3.22	2.30		
10	1.38	1.15	1.38	56.58	53.76	64.57	332.80	3.91	2.76	3.22	3.22	2.30		
11	1.15	0.92	1.84	56.11	54.70	78.20	308.00	3.68	2.76	3.22	2.99	2.30		
12	1.15	0.92	1.84	52.82	55.64	93.00	280.40	3.45	2.76	3.22	2.99	2.30		
13	1.15	0.92	1.61	56.58	55.64	105.10	267.80	3.45	2.76	3.22	2.99	2.30		
14	1.15	1.15	1.61	50.47	58.93	120.30	248.90	3.45	2.76	3.22	2.99	2.30		
15	1.15	1.15	1.61	27.95	53.76	127.50	210.20	3.45	2.76	3.22	3.22	2.30		
16	1.15	1.15	1.38	25.15	46.40	123.90	194.40	3.45	2.76	3.22	3.22	2.30		
17	1.38	1.15	1.84	24.80	43.78	128.70	152.35	3.22	2.76	3.22	3.22	2.30		
18	3.45	1.15	3.91	34.60	43.78	136.10	88.00	3.22	2.76	3.22	5.52	2.30		
19	2.76	1.15	2.76	50.47	43.78	149.75	61.28	2.99	2.76	3.22	6.67	2.30		
20	1.61	1.15	2.07	53.29	34.60	167.30	33.80	2.99	2.76	3.22	6.90	2.30		
21	1.15	1.15	2.53	57.05	25.85	175.75	22.00	2.99	2.76	3.22	5.06	2.30		
22	1.15	1.38	2.07	59.40	21.07	188.80	17.34	2.99	2.76	3.22	2.30	2.30		
23	1.15	2.76	2.07	61.28	12.44	197.20	15.32	2.99	2.76	3.22	2.07	2.30		
24	1.15	2.07	2.30	63.16	8.97	203.50	13.15	2.99	2.76	3.22	2.30	2.30		
25	1.15	1.38	2.53	63.16	4.60	202.10	9.89	2.99	2.76	3.22	2.30	2.30		
26	0.92	1.38	2.07	63.16	2.76	201.40	8.28	2.99	2.76	3.22	2.30	2.30		
27	0.92	1.38	2.07	61.75	3.22	233.55	8.05	2.99	3.45	3.22	2.30	2.30		
28	0.92	1.61	5.06	59.40	4.83	316.00	9.20	2.99	3.45	3.22	2.30	2.07		
29	0.92	7.36	8.97	56.58	3.91	387.05	11.27	2.99	3.45	3.22		2.07		
30	0.92	3.45	16.06	54.70	3.91	414.65	12.20	2.99	3.45	3.22		2.07		
31		1.61		53.76	3.91		11.27		3.45	3.22		8.05		
Total	39.79	47.84	80.23	1514.18	1135.36	3916.88	5784.05	105.80	90.39	100.51	93.84	76.36	12985.23	CMSDAY
Mean	1.33	1.54	2.67	48.84	36.62	130.56	186.58	3.53	2.92	3.24	3.35	2.46	35.58	CMS
Max	3.45	7.36	16.06	63.16	59.40	414.65	425.00	4.37	3.45	3.45	6.90	8.05	425.00	CMS
Min	0.92	0.92	1.15	24.80	2.76	2.99	8.05	2.99	2.76	3.22	2.07	2.07	0.92	CMS
Runoff	3.44	4.13	6.93	130.83	98.10	338.42	499.74	9.14	7.81	8.68	8.11	6.60	1121.92	MCM
Momentary Peak	428.60	CMS, at 144.23 m. (MSL.), at 14.00 Hours, on Oct 1, 2005												
Runoff Yield	5.92	Liters/Second/Square KM.			Momentary Peak Yield	71.279	Liters/Second/Square KM.							

WATER YEAR : 2005

CHI RIVER BASIN

Huai Sang Ka at Ban Phon, Kalasin (E.76A)

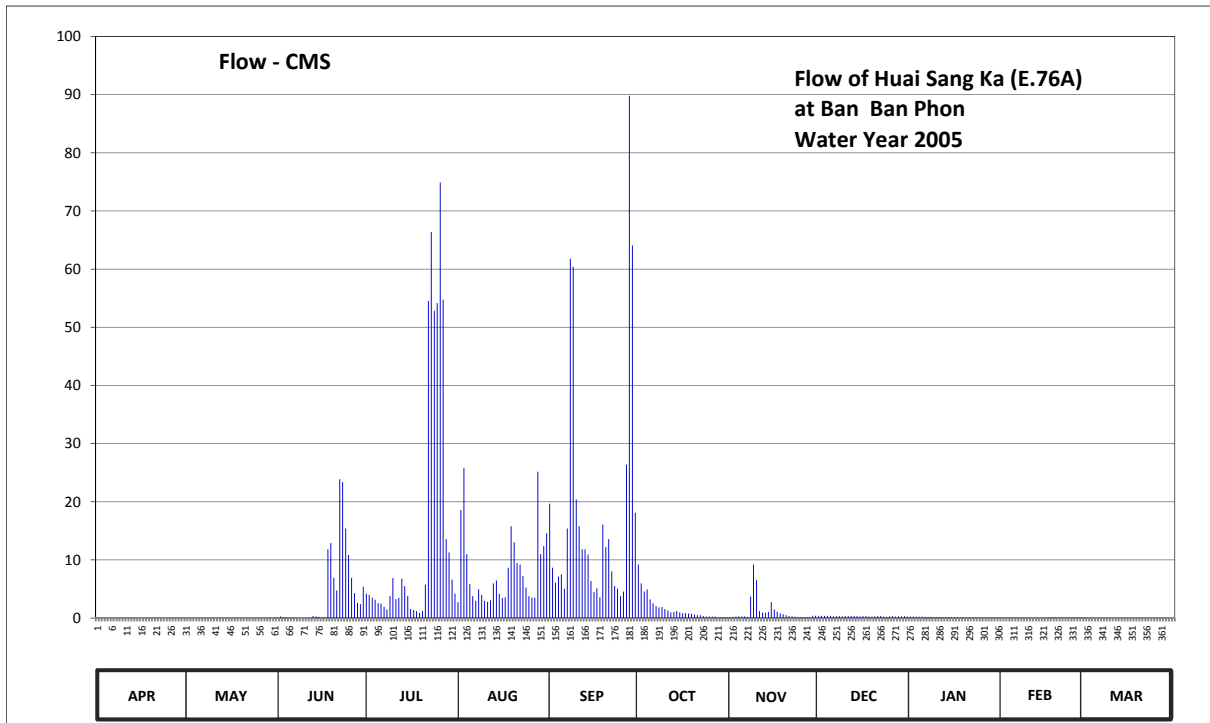
Lat 16 - 51 - 33 N Long 103 - 35 - 53 E

Location : on left bank at the bridge of Ban Phon - Ban Nong Chang road.

	Ban Phon	Amphoe Kham Muang	Changwat Kalasin
Drainage Area	195 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+163.900 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank about 2.50 meters from the top staff gage.	Elevation	+173.809 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +169.550 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 22 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	164.19	164.20	164.37	165.33	165.09	167.03	165.99	164.45	164.53	164.48	164.38	164.38	
2	164.18	164.19	164.49	165.30	166.94	165.93	165.58	164.46	164.53	164.48	164.37	164.37	
3	164.18	164.18	164.42	165.22	167.54	165.60	165.38	164.49	164.53	164.47	164.37	164.35	
4	164.18	164.18	164.37	165.16	166.19	165.75	165.43	164.50	164.53	164.47	164.37	164.34	
5	164.18	164.16	164.35	165.05	165.56	165.80	165.17	164.48	164.53	164.47	164.37	164.33	
6	164.20	164.15	164.35	165.04	165.26	165.45	165.05	164.50	164.51	164.46	164.37	164.30	
7	164.22	164.14	164.34	164.93	165.13	166.64	164.96	164.45	164.51	164.45	164.36	164.29	
8	164.22	164.14	164.31	164.82	165.44	169.69	164.91	165.25	164.52	164.45	164.36	164.27	
9	164.23	164.15	164.31	165.26	165.30	169.63	164.92	165.99	164.50	164.45	164.36	164.25	
10	164.22	164.14	164.29	165.71	165.13	167.09	164.84	165.66	164.52	164.43	164.36	164.23	
11	164.22	164.14	164.31	165.18	165.10	166.68	164.78	164.75	164.52	164.43	164.36	164.22	
12	164.20	164.13	164.36	165.21	165.14	166.28	164.69	164.69	164.52	164.43	164.36	164.21	
13	164.23	164.13	164.52	165.70	165.58	166.28	164.71	164.68	164.53	164.43	164.36	164.21	
14	164.24	164.12	164.50	165.51	165.65	166.18	164.76	164.71	164.52	164.43	164.36	164.22	
15	164.27	164.12	164.46	165.27	165.32	165.64	164.70	165.09	164.50	164.43	164.36	164.22	
16	164.27	164.13	164.42	164.84	165.21	165.37	164.66	164.82	164.51	164.42	164.36	164.22	
17	164.28	164.14	164.43	164.80	165.23	165.46	164.66	164.72	164.52	164.42	164.40	164.22	
18	164.28	164.20	166.28	164.75	165.93	165.23	164.65	164.65	164.50	164.41	164.42	164.22	
19	164.28	164.26	166.39	164.68	166.68	166.71	164.64	164.62	164.48	164.40	164.42	164.23	
20	164.27	164.27	165.72	164.76	166.40	166.32	164.60	164.56	164.50	164.40	164.40	164.23	
21	164.26	164.25	165.41	165.55	166.02	166.46	164.56	164.52	164.52	164.40	164.40	164.24	
22	164.25	164.25	167.38	169.36	165.99	165.86	164.56	164.50	164.52	164.40	164.40	164.23	
23	164.24	164.28	167.34	169.89	165.76	165.52	164.52	164.47	164.47	164.40	164.40	164.22	
24	164.24	164.32	166.64	169.27	165.48	165.45	164.48	164.44	164.46	164.39	164.40	164.22	
25	164.22	164.28	166.17	169.34	165.26	165.26	164.48	164.45	164.50	164.39	164.40	164.22	
26	164.21	164.25	165.72	170.21	165.22	165.38	164.49	164.44	164.52	164.39	164.40	164.22	
27	164.20	164.21	165.34	169.37	165.22	167.59	164.49	164.44	164.49	164.38	164.40	164.22	
28	164.20	164.20	165.06	166.46	167.49	170.68	164.44	164.45	164.50	164.38	164.40	164.22	
29	164.20	164.24	165.02	166.22	166.19	169.79	164.45	164.54	164.50	164.38		164.22	
30	164.20	164.31	165.50	165.67	166.34	166.90	164.45	164.54	164.51	164.38		164.22	
31		164.35		165.33	166.56		164.43		164.49	164.38		164.21	
Mean	164.23	164.20	165.09	166.10	165.79	166.59	164.79	164.68	164.51	164.42	164.38	164.25	
Max	164.28	164.35	167.38	170.21	167.54	170.68	165.99	165.99	164.53	164.48	164.42	164.38	170.68
Min	164.18	164.12	164.29	164.68	165.09	165.23	164.43	164.44	164.46	164.38	164.36	164.21	164.12
Annual Max Momentary Gage Height	170.78		m. (MSL.) ,				at 17.00 Hours, on Sep 28, 2005						
Zero Gage at Bottom Elevation	163.90		m. (MSL.) ,			River Bed	163.92	m. (MSL.)					
Left Bank Elevation		173.64		m. (MSL.) ,									
Right Bank Elevation		173.61		m. (MSL.) ,		Drainage Are	195	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.07	4.21	2.75	19.66	9.21	0.20	0.39	0.26	0.08	0.08	
2	0.00	0.00	0.28	4.00	18.58	8.67	5.96	0.22	0.39	0.26	0.07	0.07	
3	0.00	0.00	0.14	3.52	25.78	6.10	4.56	0.28	0.39	0.24	0.07	0.05	
4	0.00	0.00	0.07	3.16	11.01	7.15	4.91	0.30	0.39	0.24	0.07	0.04	
5	0.00	0.00	0.05	2.55	5.82	7.50	3.22	0.26	0.39	0.24	0.07	0.03	
6	0.00	0.00	0.05	2.50	3.76	5.05	2.55	0.30	0.33	0.22	0.07	0.00	
7	0.00	0.00	0.04	1.95	2.98	15.40	2.10	0.20	0.33	0.20	0.06	0.00	
8	0.00	0.00	0.01	1.48	4.98	61.77	1.85	3.70	0.36	0.20	0.06	0.00	
9	0.00	0.00	0.01	3.76	4.00	60.39	1.90	9.21	0.30	0.20	0.06	0.00	
10	0.00	0.00	0.00	6.87	2.98	20.38	1.56	6.52	0.36	0.16	0.06	0.00	
11	0.00	0.00	0.01	3.28	2.80	15.80	1.32	1.20	0.36	0.16	0.06	0.00	
12	0.00	0.00	0.06	3.46	3.04	11.82	0.96	0.96	0.36	0.16	0.06	0.00	
13	0.00	0.00	0.36	6.80	5.96	11.82	1.04	0.92	0.39	0.16	0.06	0.00	
14	0.00	0.00	0.30	5.47	6.45	10.92	1.24	1.04	0.36	0.16	0.06	0.00	
15	0.00	0.00	0.22	3.82	4.14	6.38	1.00	2.75	0.30	0.16	0.06	0.00	
16	0.00	0.00	0.14	1.56	3.46	4.49	0.84	1.48	0.33	0.14	0.06	0.00	
17	0.00	0.00	0.16	1.40	3.58	5.12	0.84	1.08	0.36	0.14	0.10	0.00	
18	0.00	0.00	11.82	1.20	8.67	3.58	0.80	0.80	0.30	0.12	0.14	0.00	
19	0.00	0.00	12.90	0.92	15.80	16.10	0.76	0.68	0.26	0.10	0.14	0.00	
20	0.00	0.00	6.94	1.24	13.00	12.20	0.60	0.48	0.30	0.10	0.10	0.00	
21	0.00	0.00	4.77	5.75	9.48	13.60	0.48	0.36	0.36	0.10	0.10	0.00	
22	0.00	0.00	23.86	54.54	9.21	8.04	0.48	0.30	0.36	0.10	0.10	0.00	
23	0.00	0.00	23.38	66.37	7.22	5.54	0.36	0.24	0.24	0.10	0.10	0.00	
24	0.00	0.02	15.40	52.83	5.26	5.05	0.26	0.18	0.22	0.09	0.10	0.00	
25	0.00	0.00	10.83	54.16	3.76	3.76	0.26	0.20	0.30	0.09	0.10	0.00	
26	0.00	0.00	6.94	74.89	3.52	4.56	0.28	0.18	0.36	0.09	0.10	0.00	
27	0.00	0.00	4.28	54.73	3.52	26.38	0.28	0.18	0.28	0.08	0.10	0.00	
28	0.00	0.00	2.60	13.60	25.18	89.80	0.18	0.20	0.30	0.08	0.10	0.00	
29	0.00	0.00	2.40	11.28	11.01	64.07	0.20	0.42	0.30	0.08		0.00	
30	0.00	0.01	5.40	6.59	12.40	18.10	0.20	0.42	0.33	0.08		0.00	
31		0.05		4.21	14.60		0.16		0.28	0.08		0.00	
Total	0.00	0.08	133.49	462.10	254.70	549.20	50.36	35.26	10.28	4.59	2.31	0.27	1502.64 CMSDAY
Mean	0.00	0.00	4.45	14.91	8.22	18.31	1.62	1.18	0.33	0.15	0.08	0.01	4.12 CMS
Max	0.00	0.05	23.86	74.89	25.78	89.80	9.21	9.21	0.39	0.26	0.14	0.08	89.80 CMS
Min	0.00	0.00	0.00	0.92	2.75	3.58	0.16	0.18	0.22	0.08	0.06	0.00	0.00 CMS
Runoff	0.00	0.01	11.53	39.93	22.01	47.45	4.35	3.05	0.89	0.40	0.20	0.02	129.83 MCM
Momentary Peak	93.54	CMS, at 170.78 m. (MSL.), at 17.00 Hours, on Sep 28, 2005											
Runoff Yield	21.11	Liters/Second/Square KM. Momentary Peak Yield 479.692 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Nam Choen at Ban Tha Dua, Khon Kaen (E.82)

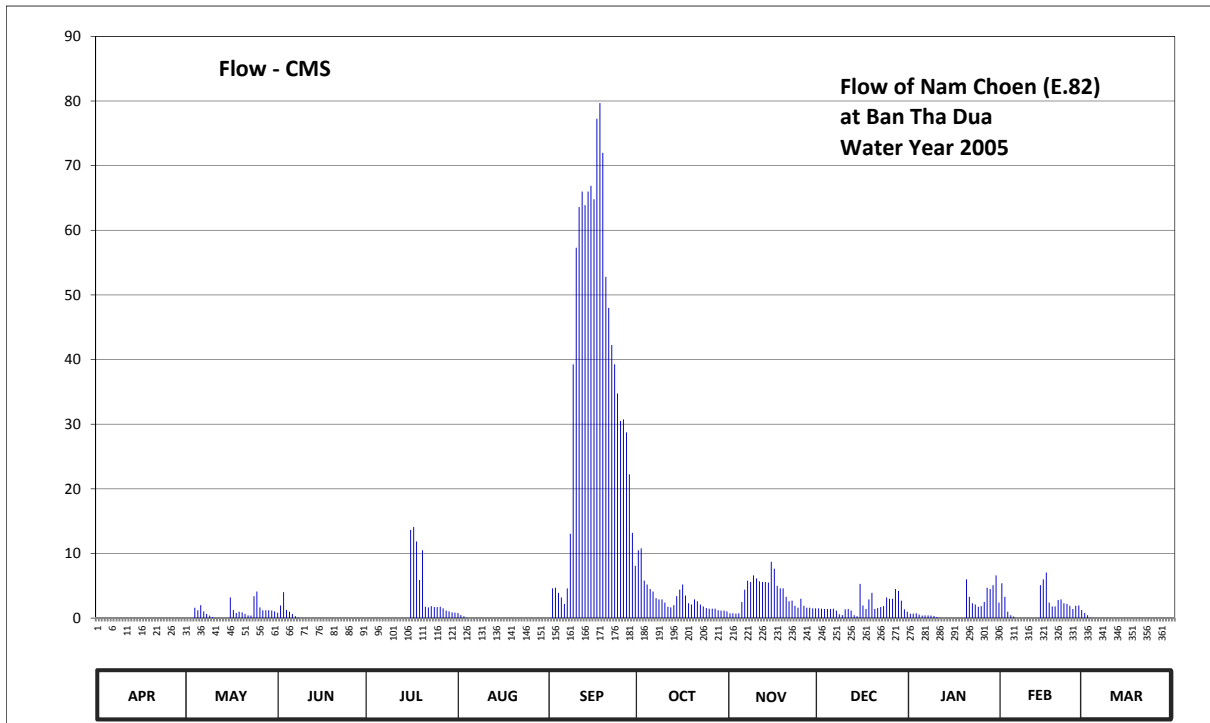
Lat 16 - 04 - 45 N Long 102 - 16 - 39 E

Location : on left bank at Ban Tha Dua.

	Ban	Tha Dua	Amphoe	Chum Pae	Changwat	Khon Kaen
Drainage Area	1,742	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+204.440 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+212.615 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	2005 to date					
Rating Operation						
Period of Rating	2005 to date					
Rated by Flot	-					
Rated by Current Meter	2005 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +210.130 m.(M.S.L.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 13 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	204.75	204.75	206.97	204.75	206.96	206.51	207.90	206.95	207.10	206.94	207.54	206.96	
2	204.75	204.75	207.19	204.75	206.88	207.46	207.92	206.95	207.09	206.94	207.33	206.87	
3	204.75	206.10	207.40	204.75	206.79	207.47	207.58	206.94	207.08	206.95	207.00	206.68	
4	204.75	207.12	207.05	204.75	206.64	207.39	207.52	206.95	207.08	206.91	206.87	206.46	
5	204.75	207.04	207.00	204.75	206.59	207.32	207.45	207.25	207.08	206.85	206.77	206.28	
6	204.75	207.20	206.93	204.75	206.21	207.22	207.41	207.44	207.09	206.86	206.61	206.11	
7	204.75	207.01	206.80	204.76	205.98	207.46	207.31	207.58	207.03	206.86	206.33	205.94	
8	204.75	206.93	206.68	204.76	205.70	208.07	207.29	207.56	206.92	206.85	206.18	205.88	
9	204.75	206.85	206.58	204.77	205.52	209.25	207.29	207.64	206.89	206.81	206.00	205.58	
10	204.75	206.74	206.47	204.78	205.35	209.91	207.24	207.61	207.07	206.73	205.83	205.33	
11	204.75	206.63	206.37	204.81	205.14	210.12	207.15	207.57	207.08	206.66	205.64	204.89	
12	204.75	206.51	206.21	204.82	204.92	210.20	207.13	207.56	207.03	206.50	205.55	204.75	
13	204.75	206.39	206.09	204.84	204.82	210.13	207.20	207.56	206.87	206.38	205.80	204.75	
14	204.75	206.18	205.96	204.84	204.82	210.20	207.34	207.55	206.80	206.21	207.51	204.75	
15	204.75	206.20	205.69	206.16	204.82	210.23	207.44	207.78	207.53	206.11	207.60	204.75	
16	204.75	207.32	205.52	208.11	204.82	210.16	207.52	207.71	207.19	206.01	207.67	204.75	
17	204.75	207.05	205.44	208.14	204.82	210.55	207.35	207.50	207.08	205.88	207.24	204.75	
18	204.75	206.96	205.40	207.99	204.82	210.62	207.23	207.46	207.29	205.67	207.16	204.75	
19	204.75	207.00	205.32	207.59	204.80	210.40	207.21	207.46	207.39	205.69	207.16	204.75	
20	204.75	206.98	205.23	207.90	204.80	209.76	207.29	207.33	207.08	207.60	207.28	204.75	
21	204.75	206.93	205.06	207.15	204.79	209.60	207.26	207.26	207.11	207.33	207.29	204.75	
22	204.75	206.86	204.83	207.13	204.77	209.37	207.21	207.27	207.14	207.23	207.23	204.75	
23	204.75	206.85	204.76	207.17	204.76	209.25	207.16	207.18	207.17	207.21	207.22	204.75	
24	204.75	207.34	204.75	207.14	204.75	209.07	207.11	207.12	207.32	207.15	207.18	204.75	
25	204.75	207.41	204.75	207.14	204.75	208.90	207.09	207.30	207.30	207.17	207.08	204.75	
26	204.75	207.13	204.75	207.15	204.75	208.91	207.09	207.18	207.30	207.25	207.18	204.75	
27	204.75	207.04	204.75	207.10	204.75	208.83	207.09	207.12	207.45	207.47	207.19	204.75	
28	204.75	207.04	204.75	207.03	204.75	208.57	207.04	207.12	207.42	207.45	207.05	204.75	
29	204.75	207.04	204.75	207.01	204.82	208.08	207.03	207.10	207.27	207.51	207.15	204.75	
30	204.75	207.03	204.75	206.98	204.99	207.74	207.03	207.10	207.07	207.64	207.15	204.75	
31		207.01		206.97	205.26		207.01		207.00	207.24		204.75	
Mean	204.75	206.75	205.81	206.15	205.30	208.96	207.29	207.34	207.14	206.84	206.87	205.23	
Max	204.75	207.41	207.40	208.14	206.96	210.62	207.92	207.78	207.53	207.64	207.67	206.96	210.62
Min	204.75	204.75	204.75	204.75	204.75	206.51	207.01	206.94	206.80	205.67	205.55	204.75	204.75
Annual Max Momentary Gage Height	210.66		m. (MSL.) ,				at 05.00 Hours, on Sep 18, 2005						
Zero Gage at Bottom Elevation	204.44		m. (MSL.) ,			River Bed	201.91	m. (MSL.)					
Left Bank Elevation		212.65		m. (MSL.) ,									
Right Bank Elevation		212.57		m. (MSL.) ,		Drainage Are	1,742	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.85	0.00	0.80	0.00	10.50	0.75	1.50	0.70	5.40	0.80	
2	0.00	0.00	1.95	0.00	0.46	4.60	10.80	0.75	1.45	0.70	3.30	0.44	
3	0.00	0.00	4.00	0.00	0.28	4.70	5.80	0.70	1.40	0.75	1.00	0.08	
4	0.00	1.60	1.25	0.00	0.04	3.90	5.20	0.75	1.40	0.55	0.44	0.00	
5	0.00	1.20	1.00	0.00	0.00	3.20	4.50	2.50	1.40	0.40	0.24	0.00	
6	0.00	2.00	0.65	0.00	0.00	2.20	4.10	4.40	1.45	0.42	0.01	0.00	
7	0.00	1.05	0.30	0.00	0.00	4.60	3.10	5.80	1.15	0.42	0.00	0.00	
8	0.00	0.65	0.08	0.00	0.00	13.05	2.90	5.60	0.60	0.40	0.00	0.00	
9	0.00	0.40	0.00	0.00	0.00	39.25	2.90	6.60	0.48	0.32	0.00	0.00	
10	0.00	0.18	0.00	0.00	0.00	57.30	2.40	6.15	1.35	0.16	0.00	0.00	
11	0.00	0.03	0.00	0.00	0.00	63.60	1.75	5.70	1.40	0.06	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	66.00	1.65	5.60	1.15	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	63.90	2.00	5.60	0.44	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	66.00	3.40	5.50	0.30	0.00	5.10	0.00	
15	0.00	0.00	0.00	0.00	0.00	66.90	4.40	8.70	5.30	0.00	6.00	0.00	
16	0.00	3.20	0.00	13.65	0.00	64.80	5.20	7.65	1.95	0.00	7.05	0.00	
17	0.00	1.25	0.00	14.10	0.00	77.25	3.50	5.00	1.40	0.00	2.40	0.00	
18	0.00	0.80	0.00	11.85	0.00	79.70	2.30	4.60	2.90	0.00	1.80	0.00	
19	0.00	1.00	0.00	5.90	0.00	72.00	2.10	4.60	3.90	0.00	1.80	0.00	
20	0.00	0.90	0.00	10.50	0.00	52.80	2.90	3.30	1.40	6.00	2.80	0.00	
21	0.00	0.65	0.00	1.75	0.00	48.00	2.60	2.60	1.55	3.30	2.90	0.00	
22	0.00	0.42	0.00	1.65	0.00	42.25	2.10	2.70	1.70	2.30	2.30	0.00	
23	0.00	0.40	0.00	1.85	0.00	39.25	1.80	1.90	1.85	2.10	2.20	0.00	
24	0.00	3.40	0.00	1.70	0.00	34.75	1.55	1.60	3.20	1.75	1.90	0.00	
25	0.00	4.10	0.00	1.70	0.00	30.50	1.45	3.00	3.00	1.85	1.40	0.00	
26	0.00	1.65	0.00	1.75	0.00	30.75	1.45	1.90	3.00	2.50	1.90	0.00	
27	0.00	1.20	0.00	1.50	0.00	28.75	1.45	1.60	4.50	4.70	1.95	0.00	
28	0.00	1.20	0.00	1.15	0.00	22.25	1.20	1.60	4.20	4.50	1.25	0.00	
29	0.00	1.20	0.00	1.05	0.00	13.20	1.15	1.50	2.70	5.10		0.00	
30	0.00	1.15	0.00	0.90	0.00	8.10	1.15	1.50	1.35	6.60		0.00	
31		1.05		0.85	0.00		1.05		1.00	2.40		0.00	
Total	0.00	30.68	10.08	71.85	1.58	1103.55	98.35	110.15	60.37	47.98	53.14	1.32	1589.05 CMSDAY
Mean	0.00	0.99	0.34	2.32	0.05	36.78	3.17	3.67	1.95	1.55	1.90	0.04	4.35 CMS
Max	0.00	4.10	4.00	14.10	0.80	79.70	10.80	8.70	5.30	6.60	7.05	0.80	79.70 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.70	0.30	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	2.65	0.87	6.21	0.14	95.35	8.50	9.52	5.22	4.15	4.59	0.11	137.29 MCM
Momentary Peak	81.10	CMS, at 210.66 m. (MSL.), at 05.00 Hours, on Sep 18, 2005											
Runoff Yield	2.50	Liters/Second/Square KM.		Momentary Peak Yield		46,556	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Saphung at Ban Na Charoen , Chaiyaphum (E.83)

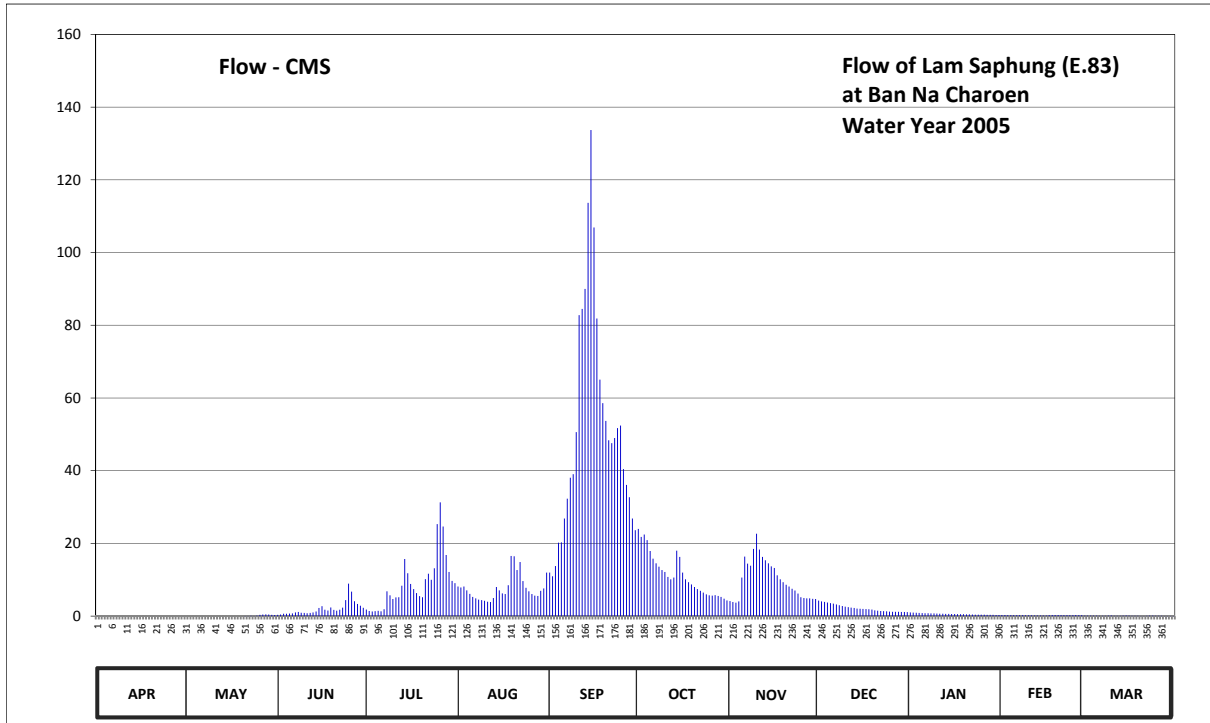
Lat 16 - 09 - 21 N Long 101 - 39 - 13 E

Location : on left bank at Ban Na Charoen.

	Ban Na Charoen	Amphoe Nong Bua Daeng	Changwat Chaiyaphum
Drainage Area	744 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+222.750 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream at the footpath of the bridge.	Elevation	+236.237 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 31 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	222.95	222.95	223.32	223.83	224.95	225.45	226.68	224.32	224.35	223.61	223.29	223.19	
2	222.95	222.95	223.36	223.73	224.91	225.34	226.48	224.26	224.30	223.59	223.29	223.18	
3	222.95	222.95	223.48	223.69	224.95	225.65	226.54	224.23	224.27	223.57	223.28	223.18	
4	222.95	222.95	223.48	223.72	224.80	226.32	226.39	224.30	224.24	223.56	223.28	223.17	
5	222.95	222.95	223.49	223.74	224.66	226.33	226.09	225.30	224.20	223.55	223.27	223.16	
6	222.95	222.95	223.51	223.70	224.54	226.94	225.87	225.93	224.17	223.54	223.27	223.15	
7	222.95	222.95	223.61	223.85	224.47	227.37	225.73	225.72	224.13	223.53	223.27	223.15	
8	222.95	222.95	223.65	224.76	224.40	227.79	225.63	225.66	224.08	223.52	223.26	223.15	
9	222.95	222.95	223.57	224.60	224.37	227.86	225.53	226.15	224.04	223.51	223.25	223.16	
10	222.95	222.95	223.56	224.44	224.34	228.59	225.47	226.56	224.00	223.49	223.24	223.21	
11	222.95	222.95	223.54	224.52	224.28	230.20	225.32	226.13	223.97	223.48	223.23	223.14	
12	222.95	222.95	223.56	224.53	224.26	230.27	225.23	225.92	223.94	223.47	223.22	223.13	
13	222.95	222.95	223.61	224.98	224.49	230.50	225.30	225.82	223.92	223.46	223.22	223.13	
14	222.95	222.95	223.69	225.86	224.93	231.41	226.10	225.73	223.89	223.45	223.22	223.18	
15	222.95	222.95	223.92	225.43	224.80	232.09	225.92	225.64	223.88	223.44	223.22	223.20	
16	222.95	222.95	224.03	225.05	224.68	231.15	225.45	225.59	223.87	223.43	223.21	223.17	
17	222.95	222.95	223.82	224.85	224.65	230.16	225.23	225.37	223.86	223.42	223.26	223.14	
18	222.95	222.95	223.76	224.69	225.00	229.37	225.12	225.23	223.85	223.41	223.30	223.13	
19	222.95	222.95	223.95	224.57	225.95	229.03	225.03	225.12	223.83	223.41	223.29	223.13	
20	222.95	222.95	223.81	224.53	225.94	228.76	224.93	225.02	223.78	223.40	223.29	223.12	
21	222.95	223.05	223.75	225.24	225.53	228.46	224.85	224.95	223.75	223.38	223.28	223.12	
22	222.95	223.10	223.82	225.42	225.77	228.41	224.78	224.86	223.73	223.37	223.27	223.15	
23	222.95	223.15	223.94	225.21	225.16	228.50	224.71	224.79	223.71	223.35	223.26	223.17	
24	222.95	223.09	224.37	225.58	224.90	228.65	224.64	224.67	223.70	223.34	223.26	223.17	
25	222.95	223.19	225.06	226.80	224.76	228.69	224.60	224.53	223.68	223.34	223.27	223.15	
26	222.95	223.32	224.75	227.29	224.65	227.96	224.59	224.49	223.67	223.34	223.29	223.14	
27	222.95	223.37	224.31	226.74	224.59	227.65	224.61	224.48	223.66	223.33	223.28	223.13	
28	222.95	223.38	224.15	225.98	224.58	227.40	224.58	224.47	223.66	223.32	223.27	223.12	
29	222.95	223.36	224.05	225.47	224.78	226.94	224.54	224.45	223.65	223.32		223.12	
30	222.95	223.33	223.93	225.17	224.87	226.65	224.46	224.44	223.65	223.31		223.12	
31		223.31		225.08	225.45		224.36		223.64	223.30		223.11	
Mean	222.95	223.05	223.83	224.94	224.85	228.33	225.31	225.14	223.91	223.44	223.26	223.15	
Max	222.95	223.38	225.06	227.29	225.95	232.09	226.68	226.56	224.35	223.61	223.30	223.21	232.09
Min	222.95	222.95	223.32	223.69	224.26	225.34	224.36	224.23	223.64	223.30	223.21	223.11	222.95
Annual Max Momentary Gage Height	232.35		m. (MSL.) ,			at 06.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	222.75		m. (MSL.) ,			River Bed	222.43		m. (MSL.)				
Left Bank Elevation		235.95		m. (MSL.) ,									
Right Bank Elevation		235.85		m. (MSL.) ,		Drainage Are	744		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.34	1.80	8.15	11.95	23.98	4.14	4.28	1.01	0.29	0.15	
2	0.00	0.00	0.42	1.41	7.87	10.96	21.80	3.85	4.04	0.95	0.29	0.13	
3	0.00	0.00	0.66	1.27	8.15	13.78	22.44	3.70	3.90	0.90	0.27	0.13	
4	0.00	0.00	0.66	1.37	7.10	20.20	20.90	4.04	3.75	0.87	0.27	0.12	
5	0.00	0.00	0.68	1.44	6.12	20.30	17.90	10.60	3.56	0.84	0.26	0.11	
6	0.00	0.00	0.73	1.30	5.28	26.84	15.80	16.36	3.42	0.81	0.26	0.09	
7	0.00	0.00	1.01	1.90	4.86	32.31	14.52	14.42	3.22	0.78	0.26	0.09	
8	0.00	0.00	1.14	6.82	4.52	38.06	13.60	13.87	2.98	0.76	0.24	0.09	
9	0.00	0.00	0.90	5.70	4.38	39.04	12.68	18.50	2.79	0.73	0.23	0.11	
10	0.00	0.00	0.87	4.71	4.23	50.62	12.13	22.66	2.60	0.68	0.22	0.17	
11	0.00	0.00	0.81	5.14	3.94	82.80	10.78	18.30	2.46	0.66	0.20	0.08	
12	0.00	0.00	0.87	5.21	3.85	84.48	10.11	16.26	2.32	0.64	0.19	0.07	
13	0.00	0.00	1.01	8.36	4.95	90.00	10.60	15.34	2.22	0.62	0.19	0.07	
14	0.00	0.00	1.27	15.71	8.01	113.66	18.00	14.52	2.08	0.60	0.19	0.13	
15	0.00	0.00	2.22	11.77	7.10	133.70	16.26	13.69	2.04	0.58	0.19	0.16	
16	0.00	0.00	2.74	8.85	6.26	106.90	11.95	13.23	1.99	0.56	0.17	0.12	
17	0.00	0.00	1.75	7.45	6.05	81.84	10.11	11.23	1.94	0.54	0.24	0.08	
18	0.00	0.00	1.52	6.33	8.50	65.03	9.34	10.11	1.90	0.52	0.30	0.07	
19	0.00	0.00	2.36	5.49	16.54	58.57	8.71	9.34	1.80	0.52	0.29	0.07	
20	0.00	0.00	1.71	5.21	16.45	53.68	8.01	8.64	1.59	0.50	0.29	0.06	
21	0.00	0.02	1.48	10.18	12.68	48.36	7.45	8.15	1.48	0.46	0.27	0.06	
22	0.00	0.03	1.75	11.68	14.88	47.56	6.96	7.52	1.41	0.44	0.26	0.09	
23	0.00	0.09	2.32	9.97	9.62	49.00	6.47	7.03	1.34	0.40	0.24	0.12	
24	0.00	0.03	4.38	13.14	7.80	51.70	5.98	6.19	1.30	0.38	0.24	0.12	
25	0.00	0.15	8.92	25.30	6.82	52.42	5.70	5.21	1.24	0.38	0.26	0.09	
26	0.00	0.34	6.75	31.27	6.05	40.44	5.63	4.95	1.20	0.38	0.29	0.08	
27	0.00	0.44	4.09	24.64	5.63	36.10	5.77	4.90	1.17	0.36	0.27	0.07	
28	0.00	0.46	3.32	16.82	5.56	32.70	5.56	4.86	1.17	0.34	0.26	0.06	
29	0.00	0.42	2.84	12.13	6.96	26.84	5.28	4.76	1.14	0.34		0.06	
30	0.00	0.36	2.27	9.69	7.59	23.65	4.81	4.71	1.14	0.32		0.06	
31		0.32		9.06	11.95		4.33		1.11	0.30			
Total	0.00	2.66	61.79	281.12	237.85	1543.49	353.56	301.08	68.58	18.17	6.93	2.95	2878.18 CMSDAY
Mean	0.00	0.09	2.06	9.07	7.67	51.45	11.41	10.04	2.21	0.59	0.25	0.10	7.89 CMS
Max	0.00	0.46	8.92	31.27	16.54	133.70	23.98	22.66	4.28	1.01	0.30	0.17	133.70 CMS
Min	0.00	0.00	0.34	1.27	3.85	10.96	4.33	3.70	1.11	0.30	0.17	0.04	0.00 CMS
Runoff	0.00	0.23	5.34	24.29	20.55	133.36	30.55	26.01	5.93	1.57	0.60	0.26	248.68 MCM
Momentary Peak	141.50	CMS, at 232.35 m. (MSL.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	10.60	Liters/Second/Square KM.		Momentary Peak Yield		190.188	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Nang Dad Khok , Chaiyaphum (E.84)

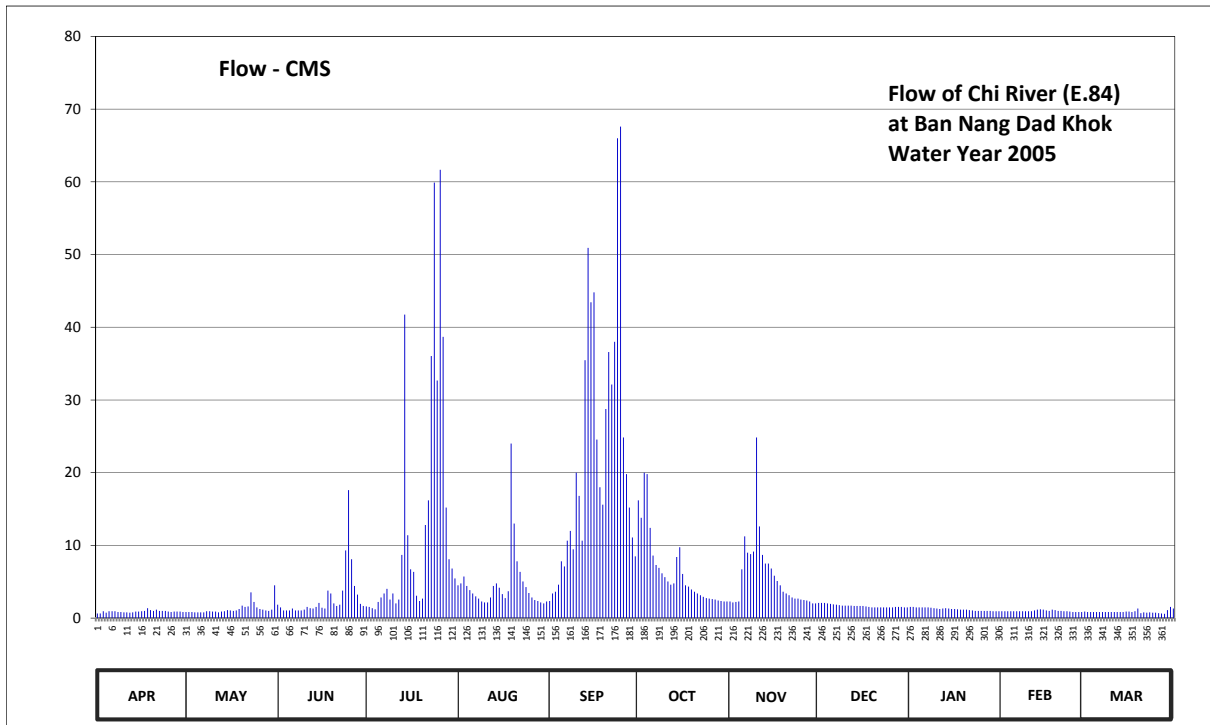
Lat 16 - 09 - 08 N Long 101 - 35 - 07 E

Location : on left bank at Ban Nang Dad Khok.

	Ban	Nang Dad Khok	Amphoe	Nong Bua Daeng	Changwat	Chaiyaphum
Drainage Area	508	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+237.650 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank downstream at the footpath of the bridge.				Elevation	+246.755 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	2004 to date					
Rating Operation						
Period of Rating	2004 to date					
Rated by Flot	-					
Rated by Current Meter	2004 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 35 discharge measurements made in 2005.					

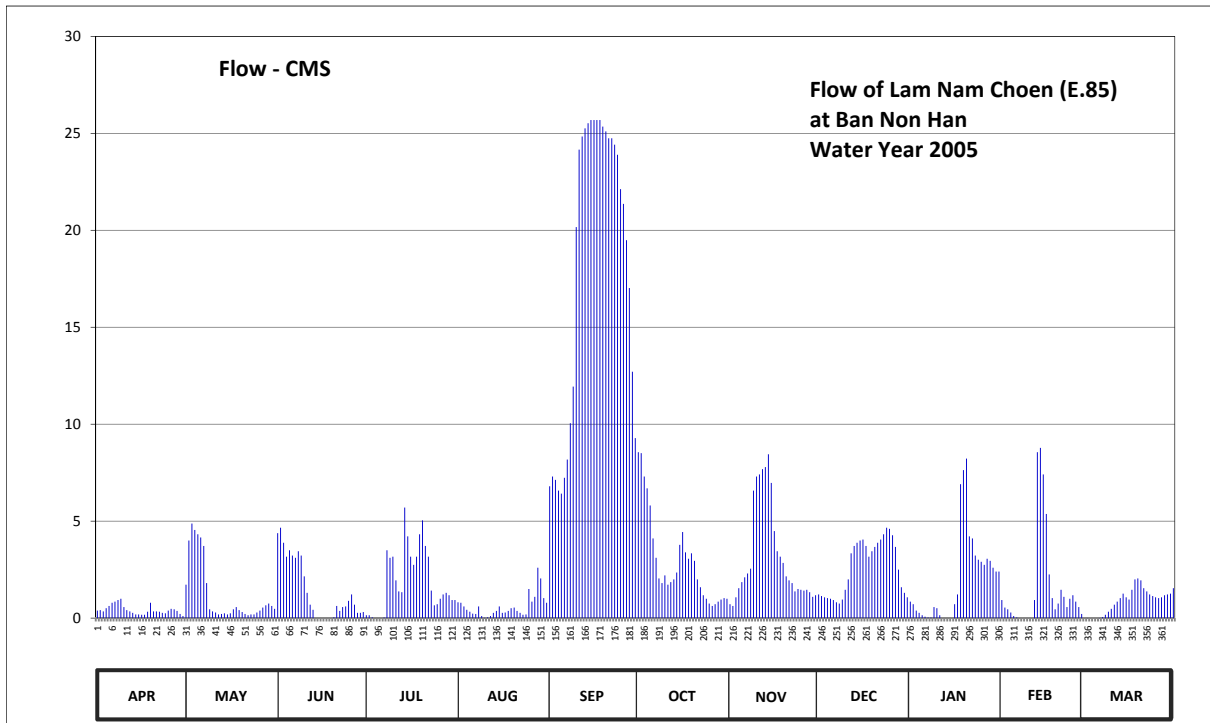
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	239.14	239.18	239.36	239.32	239.72	239.44	240.61	239.43	239.40	239.31	239.20	239.19	
2	239.14	239.18	239.30	239.31	239.75	239.58	240.49	239.41	239.40	239.31	239.20	239.18	
3	239.20	239.18	239.22	239.28	239.86	239.61	240.80	239.42	239.40	239.30	239.20	239.18	
4	239.16	239.17	239.22	239.25	239.71	239.73	240.79	239.43	239.39	239.30	239.20	239.18	
5	239.20	239.17	239.22	239.42	239.64	240.08	240.42	239.97	239.38	239.30	239.20	239.18	
6	239.20	239.17	239.27	239.51	239.58	240.01	240.16	240.35	239.37	239.30	239.20	239.18	
7	239.20	239.17	239.22	239.58	239.53	240.31	240.03	240.20	239.36	239.30	239.20	239.18	
8	239.18	239.20	239.22	239.66	239.49	240.40	239.99	240.18	239.35	239.29	239.20	239.18	
9	239.18	239.20	239.22	239.47	239.43	240.23	239.91	240.21	239.34	239.28	239.20	239.18	
10	239.17	239.19	239.24	239.58	239.41	240.80	239.85	241.03	239.34	239.27	239.20	239.18	
11	239.17	239.19	239.31	239.39	239.41	240.64	239.78	240.43	239.34	239.26	239.20	239.18	
12	239.16	239.17	239.28	239.47	239.51	240.31	239.73	240.17	239.34	239.27	239.22	239.18	
13	239.17	239.19	239.27	240.17	239.71	241.41	239.75	240.05	239.33	239.28	239.24	239.18	
14	239.19	239.20	239.31	241.61	239.75	241.88	240.14	240.05	239.33	239.27	239.25	239.18	
15	239.19	239.23	239.40	240.36	239.68	241.66	240.25	239.98	239.33	239.26	239.24	239.19	
16	239.20	239.22	239.29	239.97	239.57	241.70	239.90	239.87	239.33	239.26	239.22	239.19	
17	239.21	239.21	239.27	239.93	239.50	241.02	239.72	239.79	239.32	239.25	239.21	239.18	
18	239.28	239.22	239.63	239.54	239.62	240.70	239.70	239.72	239.31	239.24	239.24	239.20	
19	239.23	239.26	239.58	239.44	241.00	240.58	239.65	239.61	239.30	239.24	239.23	239.27	
20	239.21	239.34	239.39	239.49	240.45	241.17	239.61	239.58	239.30	239.24	239.21	239.15	
21	239.24	239.31	239.33	240.44	240.08	241.45	239.58	239.55	239.30	239.23	239.21	239.17	
22	239.21	239.32	239.36	240.61	239.93	241.29	239.55	239.51	239.30	239.22	239.20	239.16	
23	239.21	239.60	239.63	241.43	239.78	241.50	239.52	239.49	239.30	239.21	239.20	239.17	
24	239.21	239.42	240.22	242.14	239.69	242.30	239.50	239.49	239.30	239.21	239.19	239.16	
25	239.19	239.30	240.68	241.31	239.59	242.34	239.49	239.47	239.30	239.21	239.18	239.16	
26	239.18	239.26	240.11	242.19	239.51	241.03	239.48	239.46	239.30	239.21	239.18	239.15	
27	239.19	239.24	239.71	241.52	239.46	240.79	239.47	239.45	239.31	239.21	239.18	239.14	
28	239.19	239.22	239.56	240.56	239.44	240.56	239.45	239.43	239.31	239.21	239.18	239.13	
29	239.19	239.21	239.38	240.11	239.41	240.34	239.44	239.39	239.31	239.20	239.20	239.23	
30	239.18	239.24	239.33	239.98	239.39	240.15	239.43	239.39	239.30	239.20	239.20	239.31	
31		239.72		239.83	239.43		239.43		239.30	239.20		239.27	
Mean	239.19	239.25	239.45	240.12	239.68	240.77	239.86	239.78	239.33	239.25	239.21	239.19	
Max	239.28	239.72	240.68	242.19	241.00	242.34	240.80	241.03	239.40	239.31	239.25	239.31	242.34
Min	239.14	239.17	239.22	239.25	239.39	239.44	239.43	239.39	239.30	239.20	239.18	239.13	239.13
Annual Max Momentary Gage Height	242.71		m. (MSL.) ,				at 06.00 Hours, on Sep 25, 2005						
Zero Gage at Bottom Elevation	237.65		m. (MSL.) ,			River Bed	237.85	m. (MSL.)					
Left Bank Elevation		246.44		m. (MSL.) ,									
Right Bank Elevation		246.44		m. (MSL.) ,		Drainage Are	508	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.64	0.84	1.84	1.60	4.51	2.35	16.20	2.28	2.08	1.54	0.94	0.89	
2	0.64	0.84	1.48	1.54	4.77	3.38	13.80	2.15	2.08	1.54	0.94	0.84	
3	0.94	0.84	1.05	1.37	5.73	3.62	20.00	2.22	2.08	1.48	0.94	0.84	
4	0.74	0.79	1.05	1.21	4.43	4.60	19.80	2.28	2.02	1.48	0.94	0.84	
5	0.94	0.79	1.05	2.22	3.86	7.80	12.40	6.72	1.96	1.48	0.94	0.84	
6	0.94	0.79	1.32	2.84	3.38	7.10	8.60	11.25	1.90	1.48	0.94	0.84	
7	0.94	0.79	1.05	3.38	2.99	10.65	7.30	9.00	1.84	1.48	0.94	0.84	
8	0.84	0.94	1.05	4.02	2.69	12.00	6.91	8.80	1.78	1.43	0.94	0.84	
9	0.84	0.94	1.05	2.56	2.28	9.45	6.17	9.15	1.72	1.37	0.94	0.84	
10	0.79	0.89	1.16	3.38	2.15	20.00	5.64	24.84	1.72	1.32	0.94	0.84	
11	0.79	0.89	1.54	2.02	2.15	16.80	5.03	12.60	1.72	1.26	0.94	0.84	
12	0.74	0.79	1.37	2.56	2.84	10.65	4.60	8.70	1.72	1.32	1.05	0.84	
13	0.79	0.89	1.32	8.70	4.43	35.48	4.77	7.50	1.66	1.37	1.16	0.84	
14	0.89	0.94	1.54	41.74	4.77	50.92	8.40	7.50	1.66	1.32	1.21	0.84	
15	0.89	1.10	2.08	11.40	4.18	43.44	9.75	6.82	1.66	1.26	1.16	0.89	
16	0.94	1.05	1.43	6.72	3.31	44.80	6.08	5.82	1.66	1.26	1.05	0.89	
17	0.99	0.99	1.32	6.36	2.76	24.56	4.51	5.11	1.60	1.21	0.99	0.84	
18	1.37	1.05	3.78	3.07	3.70	18.00	4.34	4.51	1.54	1.16	1.16	0.94	
19	1.10	1.26	3.38	2.35	24.00	15.60	3.94	3.62	1.48	1.16	1.10	1.32	
20	0.99	1.72	2.02	2.69	13.00	28.76	3.62	3.38	1.48	1.16	0.99	0.69	
21	1.16	1.54	1.66	12.80	7.80	36.60	3.38	3.15	1.48	1.10	0.99	0.79	
22	0.99	1.60	1.84	16.20	6.36	32.12	3.15	2.84	1.48	1.05	0.94	0.74	
23	0.99	3.54	3.78	36.04	5.03	38.00	2.92	2.69	1.48	0.99	0.94	0.79	
24	0.99	2.22	9.30	59.90	4.26	66.00	2.76	2.69	1.48	0.99	0.89	0.74	
25	0.89	1.48	17.60	32.68	3.46	67.60	2.69	2.56	1.48	0.99	0.84	0.74	
26	0.84	1.26	8.10	61.65	2.84	24.84	2.62	2.49	1.48	0.99	0.84	0.69	
27	0.89	1.16	4.43	38.68	2.49	19.80	2.56	2.42	1.54	0.99	0.84	0.64	
28	0.89	1.05	3.23	15.20	2.35	15.20	2.42	2.28	1.54	0.99	0.84	0.59	
29	0.89	0.99	1.96	8.10	2.15	11.10	2.35	2.02	1.54	0.94		1.10	
30	0.84	1.16	1.66	6.82	2.02	8.50	2.28	2.02	1.48	0.94		1.54	
31		4.51		5.46	2.28		2.28		1.48	0.94		1.32	
Total	27.11	39.64	85.44	405.26	142.97	689.72	201.27	169.41	51.82	37.99	27.33	27.06	1905.02 CMSDAY
Mean	0.90	1.28	2.85	13.07	4.61	22.99	6.49	5.65	1.67	1.23	0.98	0.87	5.22 CMS
Max	1.37	4.51	17.60	61.65	24.00	67.60	20.00	24.84	2.08	1.54	1.21	1.54	67.60 CMS
Min	0.64	0.79	1.05	1.21	2.02	2.35	2.28	2.02	1.48	0.94	0.84	0.59	0.59 CMS
Runoff	2.34	3.43	7.38	35.01	12.35	59.59	17.39	14.64	4.48	3.28	2.36	2.34	164.59 MCM
Momentary Peak	82.40	CMS, at 242.71 m. (MSL.), at 06.00 Hours, on Sep 25, 2005											
Runoff Yield	10.27	Liters/Second/Square KM.		Momentary Peak Yield		162.205	Liters/Second/Square KM.						



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.39	1.72	4.38	0.15	0.82	6.80	8.56	0.72	1.22	0.85	0.93	0.00	
2	0.41	4.00	4.66	0.15	0.79	7.30	8.51	0.63	1.14	0.72	0.54	0.01	
3	0.35	4.88	3.89	0.04	0.60	7.13	7.30	1.07	1.07	0.39	0.45	0.00	
4	0.51	4.55	3.17	0.00	0.43	6.58	6.69	1.54	1.03	0.27	0.29	0.00	
5	0.63	4.32	3.50	0.00	0.33	6.42	5.81	1.86	1.00	0.15	0.11	0.00	
6	0.79	4.16	3.23	0.00	0.23	7.24	4.11	2.10	0.93	0.07	0.03	0.01	
7	0.85	3.72	3.11	0.03	0.21	8.18	3.11	2.30	0.82	0.03	0.00	0.05	
8	0.93	1.81	3.45	3.50	0.60	10.05	2.05	2.55	0.75	0.03	0.00	0.17	
9	1.00	0.45	3.23	3.11	0.11	11.94	1.81	6.58	0.96	0.57	0.00	0.33	
10	0.57	0.35	2.15	3.17	0.02	20.17	2.20	7.30	1.46	0.51	0.00	0.48	
11	0.41	0.29	1.30	1.95	0.04	24.16	1.72	7.41	2.00	0.15	0.00	0.69	
12	0.35	0.19	0.69	1.38	0.11	24.84	1.86	7.68	3.34	0.00	0.93	0.85	
13	0.27	0.21	0.43	1.34	0.27	25.26	2.00	7.79	3.72	0.00	8.56	1.03	
14	0.19	0.25	0.00	5.70	0.37	25.52	2.35	8.45	3.89	0.00	8.78	1.26	
15	0.19	0.19	0.00	4.22	0.60	25.69	3.78	6.97	4.00	0.00	7.41	1.07	
16	0.17	0.25	0.00	3.17	0.27	25.69	4.44	4.49	4.05	0.72	5.37	0.96	
17	0.17	0.45	0.00	2.75	0.29	25.69	3.39	3.45	3.72	1.22	2.25	1.46	
18	0.33	0.57	0.00	3.17	0.37	25.69	3.06	3.17	3.17	6.91	1.03	2.00	
19	0.79	0.41	0.00	4.32	0.51	25.35	3.34	2.85	3.45	7.63	0.45	2.05	
20	0.35	0.31	0.04	5.04	0.54	25.10	2.95	2.15	3.67	8.23	0.75	1.95	
21	0.35	0.21	0.63	3.72	0.37	24.75	2.00	1.95	3.89	4.22	1.46	1.54	
22	0.33	0.15	0.37	3.17	0.27	24.75	1.59	1.81	4.05	4.11	1.10	1.38	
23	0.27	0.19	0.57	1.42	0.17	24.42	1.18	1.38	4.32	3.23	0.57	1.22	
24	0.25	0.19	0.60	0.66	0.19	23.90	1.00	1.50	4.66	3.01	1.00	1.14	
25	0.39	0.29	0.89	0.72	1.50	22.12	0.75	1.46	4.60	2.90	1.18	1.07	
26	0.48	0.39	1.22	1.00	0.85	21.36	0.63	1.42	4.27	2.75	0.85	1.03	
27	0.45	0.54	0.69	1.22	1.10	19.49	0.72	1.46	3.67	3.06	0.57	1.07	
28	0.37	0.66	0.27	1.30	2.60	17.02	0.85	1.34	2.50	2.95	0.21	1.18	
29	0.21	0.75	0.27	1.18	2.05	12.71	0.96	1.10	1.59	2.60		1.22	
30	0.11	0.63	0.31	0.93	1.03	9.28	1.03	1.18	1.30	2.40		1.26	
31		0.48		0.93	0.79		1.00		1.07	2.40		1.54	
Total	12.86	37.56	43.05	59.44	18.43	544.60	90.75	95.66	81.31	62.08	44.82	28.02	1118.58 CMSDAY
Mean	0.43	1.21	1.44	1.92	0.59	18.15	2.93	3.19	2.62	2.00	1.60	0.90	3.06 CMS
Max	1.00	4.88	4.66	5.70	2.60	25.69	8.56	8.45	4.66	8.23	8.78	2.05	25.69 CMS
Min	0.11	0.15	0.00	0.00	0.02	6.42	0.63	0.63	0.75	0.00	0.00	0.00	0.00 CMS
Runoff	1.11	3.25	3.72	5.14	1.59	47.05	7.84	8.27	7.03	5.36	3.87	2.42	96.65 MCM
Momentary Peak	25.69	CMS, at 230.14 m. (MSL.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	2.52	Liters/Second/Square KM.		Momentary Peak Yield		21.092	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Lam Phan Chat at Ban Kham Hai, Udon Thani (E.86)

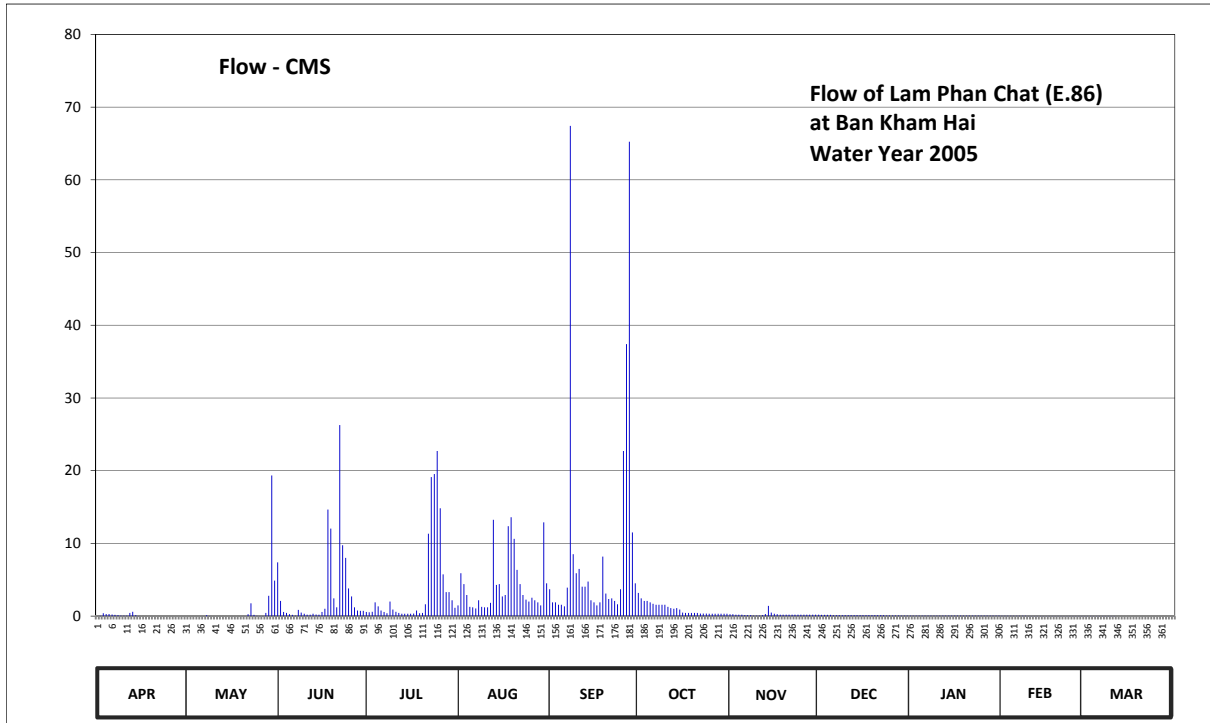
Lat 17 - 05 - 19 N Long 103 - 34 - 28 E

Location : on left bank at Ban Kham Hai.

	Ban	Kham Hai	Amphoe	Wang Sam Mo	Changwat	Udon Thani
Drainage Area	93	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+204.200 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank downstream at the footpath of the bridge.				Elevation	+213.340 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	2004 to date					
Rating Operation						
Period of Rating	2004 to date					
Rated by Flot	-					
Rated by Current Meter	2004 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	204.39	204.40	205.36	204.66	204.84	205.09	205.04	204.58	204.55	204.50	204.46	204.42	
2	204.45	204.40	204.92	204.65	205.26	204.90	204.96	204.58	204.54	204.50	204.46	204.42	
3	204.62	204.40	204.66	204.67	205.15	204.90	204.92	204.55	204.54	204.49	204.46	204.42	
4	204.59	204.40	204.63	204.90	205.01	204.85	204.92	204.55	204.54	204.49	204.46	204.42	
5	204.59	204.40	204.58	204.82	204.81	204.85	204.90	204.55	204.54	204.49	204.46	204.42	
6	204.56	204.40	204.54	204.71	204.80	204.82	204.87	204.53	204.53	204.49	204.46	204.42	
7	204.54	204.40	204.50	204.66	204.77	205.11	204.85	204.53	204.53	204.49	204.46	204.41	
8	204.52	204.52	204.73	204.62	204.93	208.06	204.85	204.53	204.53	204.49	204.45	204.41	
9	204.50	204.42	204.64	204.91	204.81	205.43	204.85	204.50	204.53	204.49	204.45	204.41	
10	204.48	204.40	204.60	204.74	204.80	205.26	204.85	204.50	204.53	204.49	204.44	204.41	
11	204.48	204.40	204.55	204.67	204.80	205.30	204.81	204.50	204.53	204.49	204.43	204.41	
12	204.63	204.40	204.55	204.63	204.89	205.12	204.78	204.53	204.53	204.49	204.43	204.40	
13	204.67	204.40	204.60	204.60	205.70	205.12	204.76	204.59	204.53	204.49	204.43	204.40	
14	204.53	204.40	204.56	204.60	205.14	205.18	204.78	204.83	204.53	204.49	204.42	204.40	
15	204.42	204.40	204.55	204.60	205.15	204.93	204.74	204.64	204.53	204.49	204.42	204.40	
16	204.40	204.40	204.66	204.60	204.99	204.90	204.64	204.60	204.52	204.49	204.42	204.40	
17	204.40	204.40	204.76	204.61	205.01	204.84	204.63	204.58	204.52	204.49	204.42	204.40	
18	204.40	204.40	205.78	204.71	205.65	204.90	204.63	204.55	204.52	204.48	204.42	204.40	
19	204.40	204.40	205.63	204.62	205.72	205.41	204.63	204.55	204.52	204.48	204.42	204.40	
20	204.40	204.40	204.96	204.63	205.55	205.03	204.63	204.55	204.52	204.48	204.42	204.40	
21	204.40	204.40	204.80	204.86	205.29	204.95	204.63	204.55	204.52	204.48	204.42	204.40	
22	204.40	204.58	206.37	205.59	205.15	204.96	204.61	204.55	204.52	204.48	204.42	204.40	
23	204.40	204.88	205.50	206.03	205.01	204.92	204.61	204.55	204.52	204.48	204.42	204.40	
24	204.40	204.54	205.40	206.05	204.94	204.86	204.61	204.55	204.51	204.48	204.42	204.40	
25	204.40	204.46	205.10	206.20	204.91	205.09	204.60	204.55	204.51	204.48	204.42	204.40	
26	204.40	204.42	204.99	205.79	204.97	206.20	204.60	204.55	204.51	204.48	204.42	204.40	
27	204.40	204.42	204.80	205.25	204.93	206.90	204.60	204.55	204.51	204.48	204.42	204.40	
28	204.40	204.63	204.71	205.05	204.90	207.99	204.60	204.55	204.51	204.48	204.42	204.40	
29	204.40	205.00	204.70	205.05	204.84	205.60	204.60	204.55	204.50	204.48	204.42	204.40	
30	204.40	206.04	204.70	204.93	205.68	205.16	204.60	204.55	204.50	204.48	204.42	204.40	
31		205.19		204.79	205.16		204.60		204.50	204.48	204.42	204.40	
Mean	204.47	204.54	204.89	204.94	205.08	205.35	204.73	204.56	204.52	204.49	204.43	204.41	
Max	204.67	206.04	206.37	206.20	205.72	208.06	205.04	204.83	204.55	204.50	204.46	204.42	208.06
Min	204.39	204.40	204.50	204.60	204.77	204.82	204.60	204.50	204.50	204.48	204.42	204.40	204.39
Annual Max Momentary Gage Height	210.56		m. (MSL.) ,				at 04.00 Hours, on Sep 28, 2005						
Zero Gage at Bottom Elevation	204.20		m. (MSL.) ,			River Bed	204.38	m. (MSL.)					
Left Bank Elevation		213.09		m. (MSL.) ,									
Right Bank Elevation		213.08		m. (MSL.) ,		Drainage Are	93	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	7.40	0.56	1.48	3.70	3.20	0.27	0.20	0.07	0.04	0.01	
2	0.04	0.00	2.08	0.52	5.90	1.90	2.44	0.27	0.17	0.07	0.04	0.01	
3	0.40	0.00	0.56	0.60	4.40	1.90	2.08	0.20	0.17	0.06	0.04	0.01	
4	0.29	0.00	0.44	1.90	2.90	1.55	2.08	0.20	0.17	0.06	0.04	0.01	
5	0.29	0.00	0.27	1.34	1.27	1.55	1.90	0.20	0.17	0.06	0.04	0.01	
6	0.22	0.00	0.17	0.77	1.20	1.34	1.69	0.14	0.14	0.06	0.04	0.01	
7	0.17	0.00	0.07	0.56	1.06	3.92	1.55	0.14	0.14	0.06	0.04	0.01	
8	0.12	0.12	0.86	0.40	2.17	67.42	1.55	0.14	0.14	0.06	0.04	0.01	
9	0.07	0.01	0.48	1.99	1.27	8.52	1.55	0.07	0.14	0.06	0.04	0.01	
10	0.06	0.00	0.32	0.91	1.20	5.90	1.55	0.07	0.14	0.06	0.03	0.01	
11	0.06	0.00	0.20	0.60	1.20	6.50	1.27	0.07	0.14	0.06	0.02	0.01	
12	0.44	0.00	0.20	0.44	1.83	4.04	1.10	0.14	0.14	0.06	0.02	0.00	
13	0.60	0.00	0.32	0.32	13.25	4.04	1.01	0.29	0.14	0.06	0.02	0.00	
14	0.14	0.00	0.22	0.32	4.28	4.76	1.10	1.41	0.14	0.06	0.01	0.00	
15	0.01	0.00	0.20	0.32	4.40	2.17	0.91	0.48	0.14	0.06	0.01	0.00	
16	0.00	0.00	0.56	0.32	2.71	1.90	0.48	0.32	0.12	0.06	0.01	0.00	
17	0.00	0.00	1.01	0.36	2.90	1.48	0.44	0.27	0.12	0.06	0.01	0.00	
18	0.00	0.00	14.65	0.77	12.37	1.90	0.44	0.20	0.12	0.06	0.01	0.00	
19	0.00	0.00	12.03	0.40	13.60	8.18	0.44	0.20	0.12	0.06	0.01	0.00	
20	0.00	0.00	2.44	0.44	10.63	3.10	0.44	0.20	0.12	0.06	0.01	0.00	
21	0.00	0.00	1.20	1.62	6.35	2.35	0.44	0.20	0.12	0.06	0.01	0.00	
22	0.00	0.27	26.27	11.33	4.40	2.44	0.36	0.20	0.12	0.06	0.01	0.00	
23	0.00	1.76	9.75	19.13	2.90	2.08	0.36	0.20	0.12	0.06	0.01	0.00	
24	0.00	0.17	8.00	19.55	2.26	1.62	0.36	0.20	0.09	0.06	0.01	0.00	
25	0.00	0.04	3.80	22.70	1.99	3.70	0.32	0.20	0.09	0.06	0.01	0.00	
26	0.00	0.01	2.71	14.82	2.53	22.70	0.32	0.20	0.09	0.06	0.01	0.00	
27	0.00	0.01	1.20	5.75	2.17	37.40	0.32	0.20	0.09	0.06	0.01	0.00	
28	0.00	0.44	0.77	3.30	1.90	65.24	0.32	0.20	0.09	0.06	0.01	0.00	
29	0.00	2.80	0.72	3.30	1.48	11.50	0.32	0.20	0.07	0.06	0.00	0.00	
30	0.00	19.34	0.72	2.17	12.90	4.52	0.32	0.20	0.07	0.06	0.00	0.00	
31		4.88		1.15	4.52		0.32		0.07	0.06		0.00	
Total	2.91	29.85	99.62	118.66	133.42	289.32	30.98	7.28	3.90	1.88	0.60	0.11	718.53 CMSDAY
Mean	0.10	0.96	3.32	3.83	4.30	9.64	1.00	0.24	0.13	0.06	0.02	0.00	1.97 CMS
Max	0.60	19.34	26.27	22.70	13.60	67.42	3.20	1.41	0.20	0.07	0.04	0.01	67.42 CMS
Min	0.00	0.00	0.07	0.32	1.06	1.34	0.32	0.07	0.07	0.06	0.01	0.00	0.00 CMS
Runoff	0.25	2.58	8.61	10.25	11.53	25.00	2.68	0.63	0.34	0.16	0.05	0.01	62.08 MCM
Momentary Peak	158.42	CMS, at 210.56 m. (MSL.), at 04.00 Hours, on Sep 28, 2005											
Runoff Yield	21.17	Liters/Second/Square KM. Momentary Peak Yield 1703.441 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Lam Pao Chat at Ban Wang Hin, Kalasin (E.87)

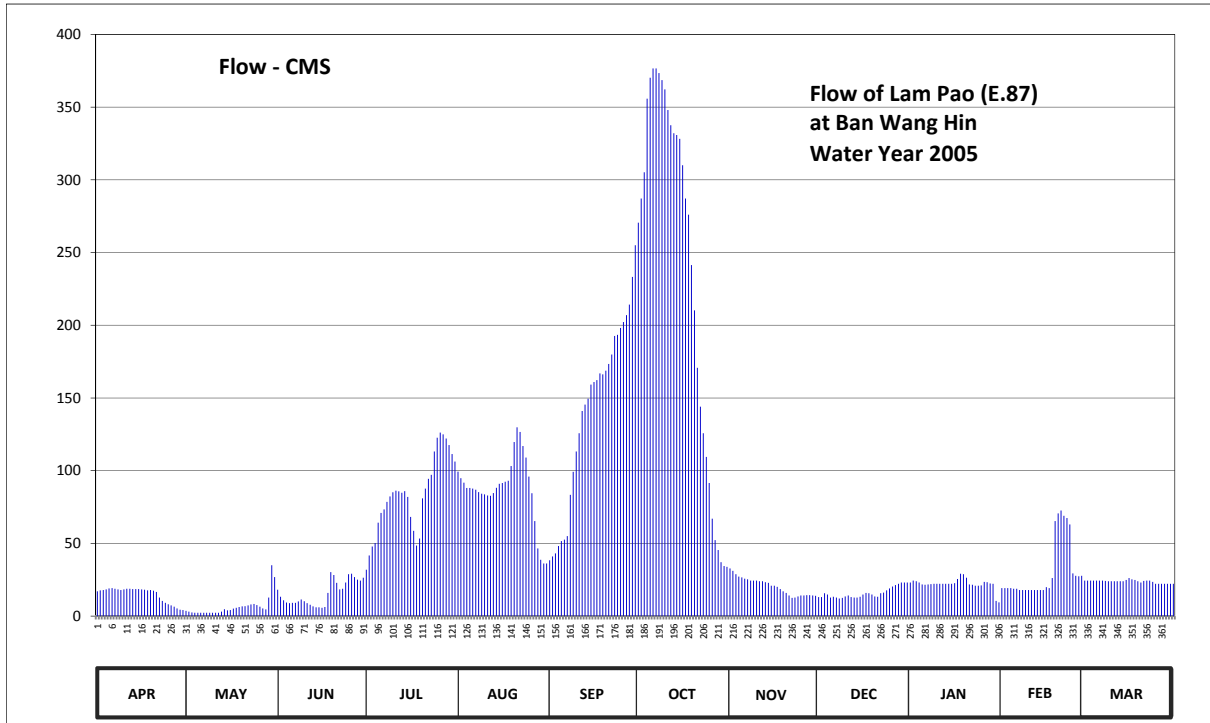
Lat 16 - 20 - 22 N Long 103 - 34 - 48 E

Location : on left bank at Ban Wang Hin.

	Ban	Wang Hin	Amphoe	Kamalasai	Changwat	Kalasin
Drainage Area	7,068	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+128.900 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On left bank downstream at the footpath of the bridge.				Elevation	+140.068 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings					
Period of Available Gage Records	2004 to date					
Rating Operation						
Period of Rating	2004 to date					
Rated by Flot	-					
Rated by Current Meter	2004 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +136.800 m.(M.S.L.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.66	129.99	130.71	131.29	134.07	131.51	137.16	131.32	130.48	130.94	130.76	131.00	
2	130.69	129.96	130.49	131.61	133.79	131.59	137.31	131.26	130.48	131.00	130.76	131.00	
3	130.70	129.93	130.37	131.79	133.58	131.65	137.46	131.18	130.60	130.98	130.76	131.00	
4	130.72	129.92	130.29	131.86	133.34	131.80	137.83	131.12	130.56	130.94	130.76	131.00	
5	130.75	129.92	130.27	132.23	133.34	131.90	137.92	131.10	130.46	130.88	130.74	131.00	
6	130.76	129.92	130.28	132.40	133.31	131.93	137.96	131.06	130.49	130.87	130.74	131.00	
7	130.74	129.92	130.28	132.46	133.26	132.00	137.96	131.04	130.46	130.88	130.70	131.00	
8	130.72	129.92	130.33	132.57	133.13	132.94	137.94	131.00	130.43	130.89	130.70	130.99	
9	130.70	129.92	130.40	132.83	133.02	134.06	137.91	131.00	130.45	130.90	130.70	130.98	
10	130.72	129.92	130.34	133.11	132.97	134.67	137.87	131.00	130.50	130.90	130.70	130.98	
11	130.74	129.92	130.27	133.22	132.90	135.07	137.78	130.98	130.53	130.90	130.70	130.98	
12	130.74	129.92	130.21	133.18	132.87	135.42	137.71	130.98	130.48	130.90	130.70	130.98	
13	130.73	129.96	130.15	133.08	133.06	135.51	137.67	130.95	130.46	130.90	130.70	130.98	
14	130.73	130.05	130.12	133.19	133.35	135.59	137.66	130.93	130.46	130.90	130.70	130.98	
15	130.73	130.01	130.12	132.80	133.53	135.77	137.64	130.84	130.49	130.90	130.70	131.02	
16	130.72	130.02	130.10	132.33	133.57	135.80	137.50	130.84	130.56	130.92	130.79	131.08	
17	130.71	130.07	130.13	132.09	133.63	135.82	137.31	130.80	130.61	131.05	130.76	131.04	
18	130.69	130.10	130.61	131.81	133.67	135.89	137.21	130.73	130.60	131.19	131.08	131.02	
19	130.70	130.13	131.23	131.95	134.26	135.88	136.86	130.66	130.56	131.18	132.26	130.98	
20	130.68	130.15	131.16	132.70	134.89	135.92	136.49	130.61	130.50	131.09	132.39	130.94	
21	130.64	130.16	130.93	133.31	135.17	135.99	135.95	130.53	130.49	130.88	132.44	130.99	
22	130.46	130.19	130.72	133.76	135.09	136.09	135.48	130.45	130.60	130.87	132.35	131.00	
23	130.35	130.22	130.74	133.94	134.80	136.27	135.07	130.46	130.62	130.84	132.31	131.00	
24	130.28	130.24	130.94	134.67	134.50	136.28	134.52	130.50	130.69	130.84	132.20	130.96	
25	130.23	130.20	131.18	134.99	133.86	136.34	133.57	130.53	130.75	130.85	131.20	130.90	
26	130.19	130.14	131.19	135.08	133.05	136.39	132.30	130.53	130.81	130.96	131.14	130.90	
27	130.14	130.08	131.11	135.05	132.26	136.45	131.92	130.54	130.86	130.95	131.13	130.90	
28	130.08	130.04	131.03	134.97	131.75	136.54	131.72	130.54	130.90	130.91	131.14	130.90	
29	130.03	130.46	131.00	134.82	131.52	136.77	131.47	130.53	130.94	130.90		130.90	
30	130.02	131.40	131.09	134.60	131.44	137.01	131.38	130.52	130.94	130.35		130.90	
31		131.11		134.39	131.44		131.36		130.94	130.30		130.90	
Mean	130.56	130.13	130.59	133.16	133.37	134.83	136.00	130.82	130.60	130.90	131.14	130.97	
Max	130.76	131.40	131.23	135.08	135.17	137.01	137.96	131.32	130.94	131.19	132.44	131.08	137.96
Min	130.02	129.92	130.10	131.29	131.44	131.51	131.36	130.45	130.43	130.30	130.70	130.90	129.92
Annual Max Momentary Gage Height	137.96		m. (MSL.) ,			at 18.00 Hours, on Oct 5, 2005							
Zero Gage at Bottom Elevation	128.90		m. (MSL.) ,			River Bed	129.57	m. (MSL.)					
Left Bank Elevation		139.89		m. (MSL.) ,									
Right Bank Elevation		139.93		m. (MSL.) ,		Drainage Are	7,068	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	17.05	3.61	18.13	31.92	99.40	38.34	270.60	32.76	13.14	23.13	19.22	24.43		
2	17.70	3.04	13.35	41.74	94.85	41.06	287.20	31.08	13.14	24.43	19.22	24.43		
3	17.91	2.47	10.83	47.86	91.70	43.10	305.20	28.84	15.74	23.99	19.22	24.43		
4	18.35	2.28	9.31	50.24	88.10	48.20	355.80	27.16	14.87	23.13	19.22	24.43		
5	19.00	2.28	8.93	64.20	88.10	51.60	370.20	26.60	12.70	21.82	18.78	24.43		
6	19.22	2.28	9.12	71.00	87.65	52.62	376.60	25.73	13.35	21.61	18.78	24.43		
7	18.78	2.28	9.12	73.40	86.90	55.00	376.60	25.30	12.70	21.82	17.91	24.43		
8	18.35	2.28	10.07	78.50	85.30	83.40	373.40	24.43	12.05	22.04	17.91	24.21		
9	17.91	2.28	11.40	82.30	84.20	99.20	368.60	24.43	12.49	22.26	17.91	23.99		
10	18.35	2.28	10.26	85.10	83.70	113.25	362.20	24.43	13.57	22.26	17.91	23.99		
11	18.78	2.28	8.93	86.30	83.00	125.80	348.00	23.99	14.22	22.26	17.91	23.99		
12	18.78	2.28	7.79	85.80	82.70	141.00	337.50	23.99	13.14	22.26	17.91	23.99		
13	18.57	3.04	6.65	84.80	84.60	145.50	332.10	23.34	12.70	22.26	17.91	23.99		
14	18.57	4.75	6.08	85.90	88.25	149.50	330.80	22.91	12.70	22.26	17.91	23.99		
15	18.57	3.99	6.08	82.00	90.95	159.20	328.20	20.95	13.35	22.26	17.91	24.86		
16	18.35	4.18	5.70	68.20	91.55	161.00	310.00	20.95	14.87	22.69	19.87	26.17		
17	18.13	5.13	6.27	58.60	92.45	162.30	287.20	20.09	15.96	25.51	19.22	25.30		
18	17.70	5.70	15.96	48.54	93.05	166.85	276.10	18.57	15.74	29.12	26.17	24.86		
19	17.91	6.27	30.24	53.30	103.20	166.20	241.40	17.05	14.87	28.84	65.40	23.99		
20	17.48	6.65	28.28	81.00	119.70	168.80	210.20	15.96	13.57	26.38	70.60	23.13		
21	16.61	6.84	22.91	87.65	129.80	173.35	170.75	14.22	13.35	21.82	72.60	24.21		
22	12.70	7.41	18.35	94.40	126.60	179.85	144.00	12.49	15.74	21.61	69.00	24.43		
23	10.45	7.98	18.78	97.10	117.00	192.60	125.80	12.70	16.18	20.95	67.40	24.43		
24	9.12	8.36	23.13	113.25	109.00	193.40	109.50	13.57	17.70	20.95	63.00	23.56		
25	8.17	7.60	28.84	122.70	95.90	198.20	91.55	14.22	19.00	21.17	29.40	22.26		
26	7.41	6.46	29.12	126.20	84.50	202.20	67.00	14.22	20.30	23.56	27.72	22.26		
27	6.46	5.32	26.88	125.00	65.40	207.00	52.28	14.44	21.39	23.34	27.44	22.26		
28	5.32	4.56	25.08	122.10	46.50	214.20	45.48	14.44	22.26	22.47	27.72	22.26		
29	4.37	12.70	24.43	117.60	38.68	233.30	37.10	14.22	23.13	22.26		22.26		
30	4.18	35.00	26.38	111.50	36.20	255.00	34.44	14.01	23.13	10.45		22.26		
31		26.88		106.25	36.20		33.88		23.13	9.50		22.26		
Total	450.25	198.46	476.40	2584.45	2705.13	4221.02	7359.68	617.09	490.18	688.41	861.17	739.92	21392.16	CMSDAY
Mean	15.01	6.40	15.88	83.37	87.26	140.70	237.41	20.57	15.81	22.21	30.76	23.87	58.61	CMS
Max	19.22	35.00	30.24	126.20	129.80	255.00	376.60	32.76	23.13	29.12	72.60	26.17	376.60	CMS
Min	4.18	2.28	5.70	31.92	36.20	38.34	33.88	12.49	12.05	9.50	17.91	22.26	2.28	CMS
Runoff	38.90	17.15	41.16	223.30	233.72	364.70	635.88	53.32	42.35	59.48	74.41	63.93	1848.28	MCM
Momentary Peak		376.60		CMS, at 137.96 m. (MSL.), at 18.00 Hours, on Oct 5, 2005										
Runoff Yield		8.29		Liters/Second/Square KM.			Momentary Peak Yield	53.282						Liters/Second/Square KM.

WATER YEAR : 2005

CHI RIVER BASIN

Huai Mun at Ban Khok Sung, Kalasin (E.88)

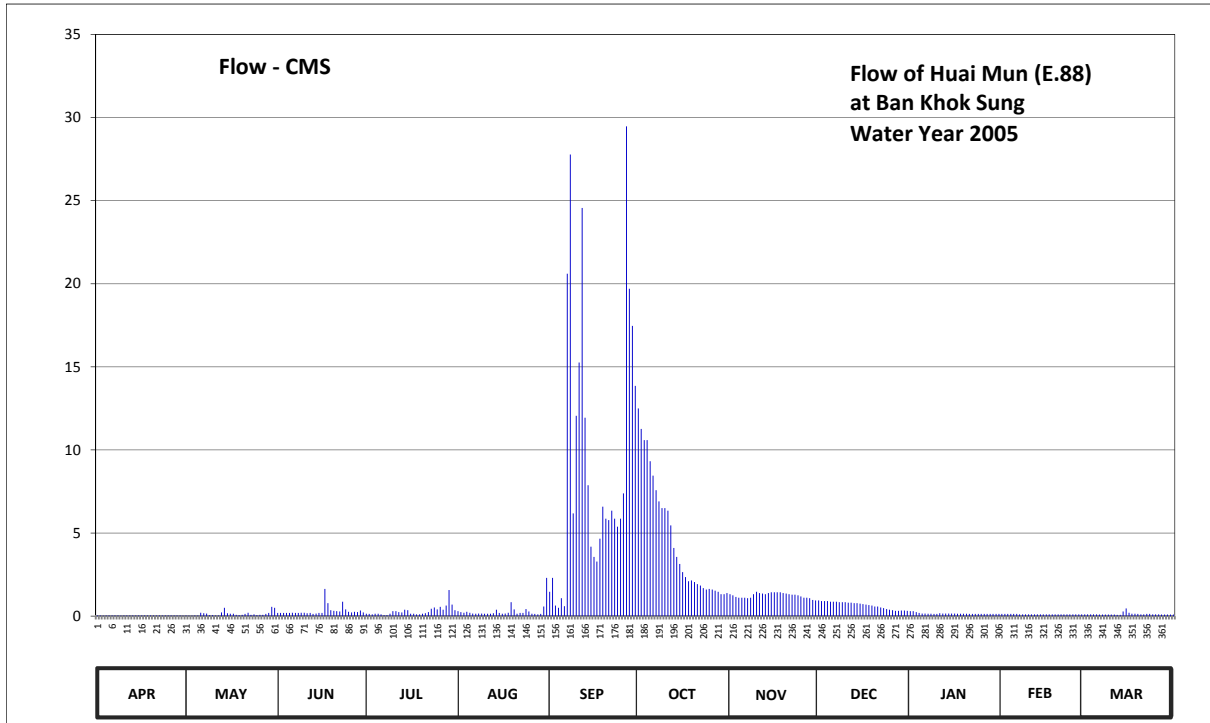
Lat 16 - 49 - 56 N Long 103 - 22 - 09 E

Location : on right bank at Ban Khok Sung.

	Ban Khok Sung	Amphoe Tha Khantho	Changwat Kalasin
Drainage Area	91 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+163.060 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank downstream at the footpath of the bridge.	Elevation	+168.204 m. (MSL.)
Gage Reading Frequency	3-time daily readings at 06.00, 12.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 3 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	163.28	163.29	163.39	163.36	163.45	163.86	165.24	163.82	163.71	163.45	163.35	163.34	
2	163.28	163.26	163.39	163.35	163.42	164.06	165.13	163.80	163.70	163.45	163.35	163.34	
3	163.26	163.26	163.39	163.34	163.40	163.61	165.07	163.77	163.70	163.42	163.35	163.34	
4	163.27	163.27	163.39	163.36	163.43	163.55	165.07	163.76	163.70	163.39	163.35	163.34	
5	163.27	163.28	163.39	163.36	163.40	163.75	164.95	163.76	163.69	163.37	163.35	163.34	
6	163.27	163.40	163.40	163.34	163.37	163.60	164.86	163.76	163.69	163.37	163.35	163.33	
7	163.27	163.38	163.39	163.31	163.36	165.86	164.77	163.75	163.69	163.36	163.34	163.33	
8	163.27	163.37	163.39	163.31	163.37	166.31	164.70	163.76	163.68	163.36	163.34	163.33	
9	163.26	163.31	163.40	163.36	163.37	164.61	164.65	163.82	163.68	163.35	163.34	163.33	
10	163.28	163.31	163.40	163.45	163.36	165.20	164.65	163.86	163.68	163.35	163.34	163.33	
11	163.28	163.29	163.38	163.45	163.36	165.48	164.63	163.84	163.67	163.38	163.34	163.33	
12	163.27	163.28	163.39	163.42	163.36	166.11	164.52	163.83	163.67	163.37	163.34	163.32	
13	163.27	163.41	163.35	163.41	163.38	165.19	164.35	163.82	163.66	163.37	163.34	163.32	
14	163.28	163.55	163.37	163.49	163.49	164.80	164.28	163.84	163.66	163.37	163.34	163.44	
15	163.28	163.38	163.39	163.48	163.39	164.36	164.22	163.85	163.65	163.37	163.34	163.53	
16	163.27	163.36	163.39	163.36	163.36	164.28	164.13	163.85	163.64	163.37	163.34	163.40	
17	163.27	163.36	163.91	163.36	163.37	164.24	164.07	163.85	163.63	163.36	163.34	163.36	
18	163.27	163.32	163.66	163.34	163.40	164.42	164.02	163.85	163.62	163.36	163.34	163.36	
19	163.27	163.31	163.48	163.34	163.68	164.66	164.03	163.84	163.61	163.36	163.34	163.35	
20	163.27	163.32	163.46	163.36	163.50	164.57	164.01	163.83	163.59	163.36	163.34	163.34	
21	163.27	163.35	163.45	163.38	163.36	164.56	163.98	163.82	163.59	163.35	163.34	163.34	
22	163.27	163.40	163.44	163.42	163.39	164.63	163.96	163.81	163.56	163.35	163.34	163.35	
23	163.27	163.32	163.69	163.52	163.39	164.57	163.92	163.81	163.54	163.35	163.34	163.35	
24	163.27	163.34	163.50	163.56	163.51	164.51	163.90	163.80	163.51	163.35	163.34	163.34	
25	163.27	163.31	163.43	163.50	163.44	164.57	163.91	163.78	163.49	163.35	163.34	163.34	
26	163.27	163.32	163.41	163.58	163.36	164.75	163.90	163.76	163.48	163.35	163.34	163.34	
27	163.27	163.32	163.43	163.49	163.35	166.41	163.88	163.76	163.46	163.35	163.34	163.33	
28	163.27	163.35	163.42	163.61	163.34	165.80	163.86	163.75	163.46	163.35	163.34	163.33	
29	163.27	163.39	163.47	163.89	163.35	165.64	163.82	163.72	163.47	163.35		163.33	
30	163.26	163.58	163.41	163.63	163.59	165.36	163.82	163.71	163.47	163.35		163.33	
31		163.55		163.48	164.06		163.84		163.46	163.35		163.33	
Mean	163.27	163.35	163.45	163.44	163.43	164.78	164.33	163.80	163.61	163.37	163.34	163.35	
Max	163.28	163.58	163.91	163.89	164.06	166.41	165.24	163.86	163.71	163.45	163.35	163.53	166.41
Min	163.26	163.26	163.35	163.31	163.34	163.55	163.82	163.71	163.46	163.35	163.34	163.32	163.26
Annual Max Momentary Gage Height	167.42		m. (MSL.) ,				at 11.00 Hours, on Sep 27, 2005						
Zero Gage at Bottom Elevation	163.06		m. (MSL.) ,			River Bed	163.500	m. (MSL.)					
Left Bank Elevation		168.21		m. (MSL.) ,									
Right Bank Elevation		168.21		m. (MSL.) ,		Drainage Are	91	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.04	0.19	0.14	0.30	1.46	12.50	1.32	0.94	0.30	0.13	0.11	
2	0.04	0.03	0.19	0.13	0.24	2.30	11.26	1.25	0.90	0.30	0.13	0.11	
3	0.03	0.03	0.19	0.11	0.20	0.63	10.59	1.15	0.90	0.24	0.13	0.11	
4	0.04	0.04	0.19	0.14	0.26	0.50	10.59	1.11	0.90	0.19	0.13	0.11	
5	0.04	0.04	0.19	0.14	0.20	1.08	9.32	1.11	0.87	0.15	0.13	0.11	
6	0.04	0.20	0.20	0.11	0.15	0.60	8.45	1.11	0.87	0.15	0.13	0.10	
7	0.04	0.17	0.19	0.06	0.14	20.60	7.58	1.08	0.87	0.14	0.11	0.10	
8	0.04	0.15	0.19	0.06	0.15	27.77	6.90	1.11	0.84	0.14	0.11	0.10	
9	0.03	0.06	0.20	0.14	0.15	6.18	6.50	1.32	0.84	0.13	0.11	0.10	
10	0.04	0.06	0.20	0.30	0.14	12.05	6.50	1.46	0.84	0.13	0.11	0.10	
11	0.04	0.04	0.17	0.30	0.14	15.26	6.34	1.39	0.81	0.17	0.11	0.10	
12	0.04	0.04	0.19	0.24	0.14	24.56	5.46	1.36	0.81	0.15	0.11	0.08	
13	0.04	0.22	0.13	0.22	0.17	11.94	4.10	1.32	0.78	0.15	0.11	0.08	
14	0.04	0.50	0.15	0.38	0.38	7.87	3.56	1.39	0.78	0.15	0.11	0.28	
15	0.04	0.17	0.19	0.36	0.19	4.18	3.14	1.43	0.75	0.15	0.11	0.46	
16	0.04	0.14	0.19	0.14	0.14	3.56	2.65	1.43	0.72	0.15	0.11	0.20	
17	0.04	0.14	1.64	0.14	0.15	3.28	2.35	1.43	0.69	0.14	0.11	0.14	
18	0.04	0.08	0.78	0.11	0.20	4.66	2.10	1.43	0.66	0.14	0.11	0.14	
19	0.04	0.06	0.36	0.11	0.84	6.58	2.15	1.39	0.63	0.14	0.11	0.13	
20	0.04	0.08	0.32	0.14	0.40	5.86	2.05	1.36	0.58	0.14	0.11	0.11	
21	0.04	0.13	0.30	0.17	0.14	5.78	1.92	1.32	0.58	0.13	0.11	0.11	
22	0.04	0.20	0.28	0.24	0.19	6.34	1.84	1.29	0.52	0.13	0.11	0.13	
23	0.04	0.08	0.87	0.44	0.19	5.86	1.68	1.29	0.48	0.13	0.11	0.13	
24	0.04	0.11	0.40	0.52	0.42	5.38	1.60	1.25	0.42	0.13	0.11	0.11	
25	0.04	0.06	0.26	0.40	0.28	5.86	1.64	1.18	0.38	0.13	0.11	0.11	
26	0.04	0.08	0.22	0.56	0.14	7.38	1.60	1.11	0.36	0.13	0.11	0.11	
27	0.04	0.08	0.26	0.38	0.13	29.47	1.53	1.11	0.32	0.13	0.11	0.10	
28	0.04	0.13	0.24	0.63	0.11	19.70	1.46	1.08	0.32	0.13	0.11	0.10	
29	0.04	0.19	0.34	1.57	0.13	17.46	1.32	0.97	0.34	0.13	0.11	0.10	
30	0.03	0.56	0.22	0.69	0.58	13.85	1.32	0.94	0.34	0.13	0.11	0.10	
31		0.50		0.36	2.30		1.39		0.32	0.13	0.11	0.10	
Total	1.17	4.41	9.44	9.43	9.29	278.00	141.39	37.49	20.36	4.78	3.20	3.97	522.93 CMSDAY
Mean	0.04	0.14	0.31	0.30	0.30	9.27	4.56	1.25	0.66	0.15	0.11	0.13	1.43 CMS
Max	0.04	0.56	1.64	1.57	2.30	29.47	12.50	1.46	0.94	0.30	0.13	0.46	29.47 CMS
Min	0.03	0.03	0.13	0.06	0.11	0.50	1.32	0.94	0.32	0.13	0.11	0.08	0.03 CMS
Runoff	0.10	0.38	0.82	0.82	0.80	24.02	12.22	3.24	1.76	0.41	0.28	0.34	45.18 MCM
Momentary Peak	47.90	CMS, at 167.42 m. (MSL.), at 11.00 Hours, on Sep 27, 2005											
Runoff Yield	15.74	Liters/Second/Square KM. Momentary Peak Yield 526.374 Liters/Second/Square KM.											

WATER YEAR : 2005

CHI RIVER BASIN

Lam Nong Sang at Ban Nong Rew Nung, Kalasin (E.89)

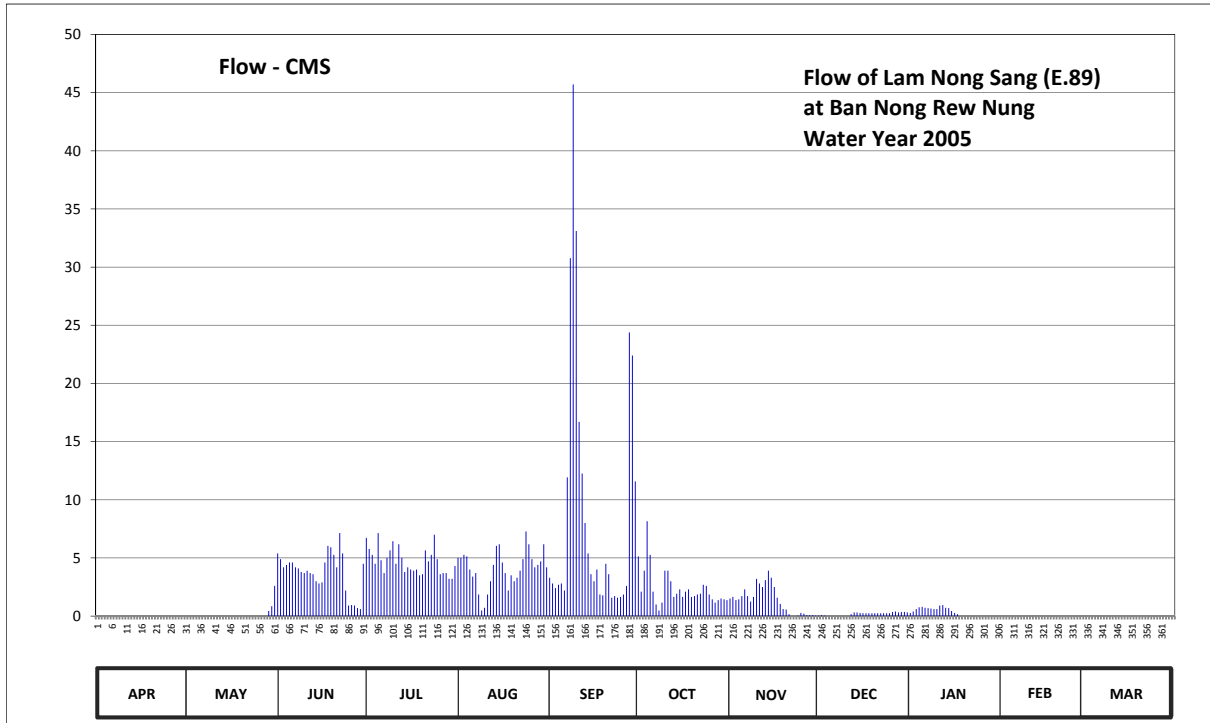
Lat 16 - 39 - 57 N Long 103 - 18 - 31 E

Location : on left bank at Ban Nong Rew Nung.

	Ban Nong Rew Nung	Amphoe Nong Kung Si	Changwat Kalasin
Drainage Area	167 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+170.600 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank upstream at the footpath of the bridge.	Elevation	+176.238 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 7 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	170.80	170.80	172.53	172.63	172.50	172.33	172.51	172.13	171.81	171.87	171.69	171.31	
2	170.80	170.80	172.49	172.56	172.50	172.28	172.21	172.15	171.82	171.90	171.65	171.29	
3	170.80	170.80	172.42	172.52	172.52	172.24	172.39	172.11	171.81	171.95	171.62	171.29	
4	170.80	170.80	172.44	172.45	172.51	172.27	172.73	172.12	171.80	171.99	171.59	171.29	
5	170.80	170.80	172.46	172.66	172.40	172.28	172.52	172.16	171.78	172.00	171.57	171.29	
6	170.80	170.80	172.46	172.48	172.34	172.22	172.21	172.23	171.77	171.98	171.54	171.29	
7	170.80	170.80	172.42	172.37	172.37	172.96	172.04	172.16	171.76	171.97	171.52	171.28	
8	170.80	170.80	172.41	172.50	172.18	173.86	171.92	172.09	171.74	171.96	171.51	171.27	
9	170.80	170.80	172.38	172.55	171.92	174.39	172.07	172.15	171.74	171.95	171.50	171.26	
10	170.80	170.80	172.37	172.61	171.98	173.95	172.39	172.32	171.77	171.95	171.48	171.25	
11	170.80	170.80	172.39	172.45	172.18	173.22	172.39	172.28	171.78	172.02	171.48	171.25	
12	170.80	170.80	172.37	172.59	172.30	172.98	172.30	172.25	171.84	172.03	171.46	171.25	
13	170.80	170.80	172.36	172.50	172.44	172.72	172.15	172.31	171.88	171.98	171.46	171.23	
14	170.80	170.80	172.30	172.38	172.58	172.53	172.19	172.39	171.88	171.97	171.45	171.22	
15	170.80	170.80	172.28	172.42	172.59	172.36	172.23	172.33	171.87	171.91	171.45	171.22	
16	170.80	170.80	172.29	172.40	172.46	172.30	172.15	172.25	171.86	171.87	171.45	171.22	
17	170.80	170.80	172.46	172.39	172.37	172.40	172.21	172.14	171.86	171.84	171.44	171.22	
18	170.80	170.80	172.58	172.40	172.22	172.18	172.23	172.05	171.86	171.79	171.43	171.22	
19	170.80	170.80	172.57	172.35	172.35	172.17	172.15	171.95	171.86	171.77	171.43	171.22	
20	170.80	170.80	172.52	172.36	172.30	172.45	172.16	171.94	171.86	171.73	171.42	171.22	
21	170.80	170.80	172.42	172.55	172.33	172.36	172.18	171.84	171.86	171.70	171.41	171.24	
22	170.80	170.80	172.66	172.47	172.39	172.14	172.19	171.80	171.86	171.70	171.40	171.27	
23	170.80	170.80	172.53	172.52	172.49	172.16	172.27	171.76	171.86	171.70	171.38	171.22	
24	170.80	170.80	172.22	172.65	172.67	172.14	172.26	171.81	171.86	171.70	171.36	171.22	
25	170.80	170.80	172.02	172.49	172.59	172.15	172.18	171.87	171.86	171.70	171.35	171.22	
26	170.80	170.80	172.03	172.36	172.49	172.18	172.12	171.85	171.89	171.70	171.34	171.22	
27	170.80	170.80	172.02	172.37	172.42	172.26	172.07	171.82	171.90	171.70	171.34	171.22	
28	170.80	170.89	171.97	172.37	172.44	173.59	172.11	171.82	171.88	171.70	171.34	171.22	
29	170.80	171.91	171.95	172.32	172.47	173.50	172.13	171.82	171.89	171.70		171.22	
30	170.80	172.01	172.45	172.32	172.59	172.94	172.12	171.81	171.89	171.70		171.22	
31		172.26		172.43	172.42		172.11		171.88	171.70		171.22	
Mean	170.80	170.92	172.36	172.47	172.40	172.65	172.22	172.06	171.84	171.84	171.47	171.24	
Max	170.80	172.26	172.66	172.66	172.67	174.39	172.73	172.39	171.90	172.03	171.69	171.31	174.39
Min	170.80	170.80	171.95	172.32	171.92	172.14	171.92	171.76	171.74	171.70	171.34	171.22	170.80
Annual Max Momentary Gage Height	174.48		m. (MSL.) ,			at 21.00 Hours, on Sep 9, 2005							
Zero Gage at Bottom Elevation	170.60		m. (MSL.) ,			River Bed	170.87	m. (MSL.)					
Left Bank Elevation		176.26		m. (MSL.) ,									
Right Bank Elevation		176.33		m. (MSL.) ,		Drainage Are	167	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	5.39	6.72	5.00	3.30	5.13	1.51	0.04	0.28	0.00	0.00	
2	0.00	0.00	4.90	5.78	5.00	2.80	2.10	1.65	0.08	0.40	0.00	0.00	
3	0.00	0.00	4.20	5.26	5.26	2.40	3.90	1.37	0.04	0.60	0.00	0.00	
4	0.00	0.00	4.40	4.50	5.13	2.70	8.15	1.44	0.00	0.76	0.00	0.00	
5	0.00	0.00	4.60	7.14	4.00	2.80	5.26	1.72	0.00	0.80	0.00	0.00	
6	0.00	0.00	4.60	4.80	3.40	2.20	2.10	2.30	0.00	0.72	0.00	0.00	
7	0.00	0.00	4.20	3.70	3.70	11.92	1.00	1.72	0.00	0.68	0.00	0.00	
8	0.00	0.00	4.10	5.00	1.86	30.76	0.48	1.25	0.00	0.64	0.00	0.00	
9	0.00	0.00	3.80	5.65	0.48	45.70	1.15	1.65	0.00	0.60	0.00	0.00	
10	0.00	0.00	3.70	6.44	0.72	33.10	3.90	3.20	0.00	0.60	0.00	0.00	
11	0.00	0.00	3.90	4.50	1.86	16.70	3.90	2.80	0.00	0.90	0.00	0.00	
12	0.00	0.00	3.70	6.17	3.00	12.26	3.00	2.50	0.16	0.95	0.00	0.00	
13	0.00	0.00	3.60	5.00	4.40	8.00	1.65	3.10	0.32	0.72	0.00	0.00	
14	0.00	0.00	3.00	3.80	6.04	5.39	1.93	3.90	0.32	0.68	0.00	0.00	
15	0.00	0.00	2.80	4.20	6.17	3.60	2.30	3.30	0.28	0.44	0.00	0.00	
16	0.00	0.00	2.90	4.00	4.60	3.00	1.65	2.50	0.24	0.28	0.00	0.00	
17	0.00	0.00	4.60	3.90	3.70	4.00	2.10	1.58	0.24	0.16	0.00	0.00	
18	0.00	0.00	6.04	4.00	2.20	1.86	2.30	1.05	0.24	0.00	0.00	0.00	
19	0.00	0.00	5.91	3.50	3.50	1.79	1.65	0.60	0.24	0.00	0.00	0.00	
20	0.00	0.00	5.26	3.60	3.00	4.50	1.72	0.56	0.24	0.00	0.00	0.00	
21	0.00	0.00	4.20	5.65	3.30	3.60	1.86	0.16	0.24	0.00	0.00	0.00	
22	0.00	0.00	7.14	4.70	3.90	1.58	1.93	0.00	0.24	0.00	0.00	0.00	
23	0.00	0.00	5.39	5.26	4.90	1.72	2.70	0.00	0.24	0.00	0.00	0.00	
24	0.00	0.00	2.20	7.00	7.28	1.58	2.60	0.04	0.24	0.00	0.00	0.00	
25	0.00	0.00	0.90	4.90	6.17	1.65	1.86	0.28	0.24	0.00	0.00	0.00	
26	0.00	0.00	0.95	3.60	4.90	1.86	1.44	0.20	0.36	0.00	0.00	0.00	
27	0.00	0.00	0.90	3.70	4.20	2.60	1.15	0.08	0.40	0.00	0.00	0.00	
28	0.00	0.00	0.68	3.70	4.40	24.38	1.37	0.08	0.32	0.00	0.00	0.00	
29	0.00	0.44	0.60	3.20	4.70	22.40	1.51	0.08	0.36	0.00	0.00	0.00	
30	0.00	0.85	4.50	3.20	6.17	11.58	1.44	0.04	0.36	0.00	0.00	0.00	
31		2.60		4.30	4.20		1.37		0.32	0.00		0.00	
Total	0.00	3.89	113.06	146.87	127.14	271.73	74.60	40.66	5.76	10.21	0.00	0.00	793.92 CMSDAY
Mean	0.00	0.13	3.77	4.74	4.10	9.06	2.41	1.36	0.19	0.33	0.00	0.00	2.18 CMS
Max	0.00	2.60	7.14	7.14	7.28	45.70	8.15	3.90	0.40	0.95	0.00	0.00	45.70 CMS
Min	0.00	0.00	0.60	3.20	0.48	1.58	0.48	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.34	9.77	12.69	10.99	23.48	6.45	3.51	0.50	0.88	0.00	0.00	68.60 MCM
Momentary Peak	48.40	CMS, at 174.48 m. (MSL.), at 21.00 Hours, on Sep 9, 2005											
Runoff Yield	13.02	Liters/Second/Square KM.		Momentary Peak Yield		289.820	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Hual Sang Kiab at Ban Nong Yang Tai, Kalasin (E.90)

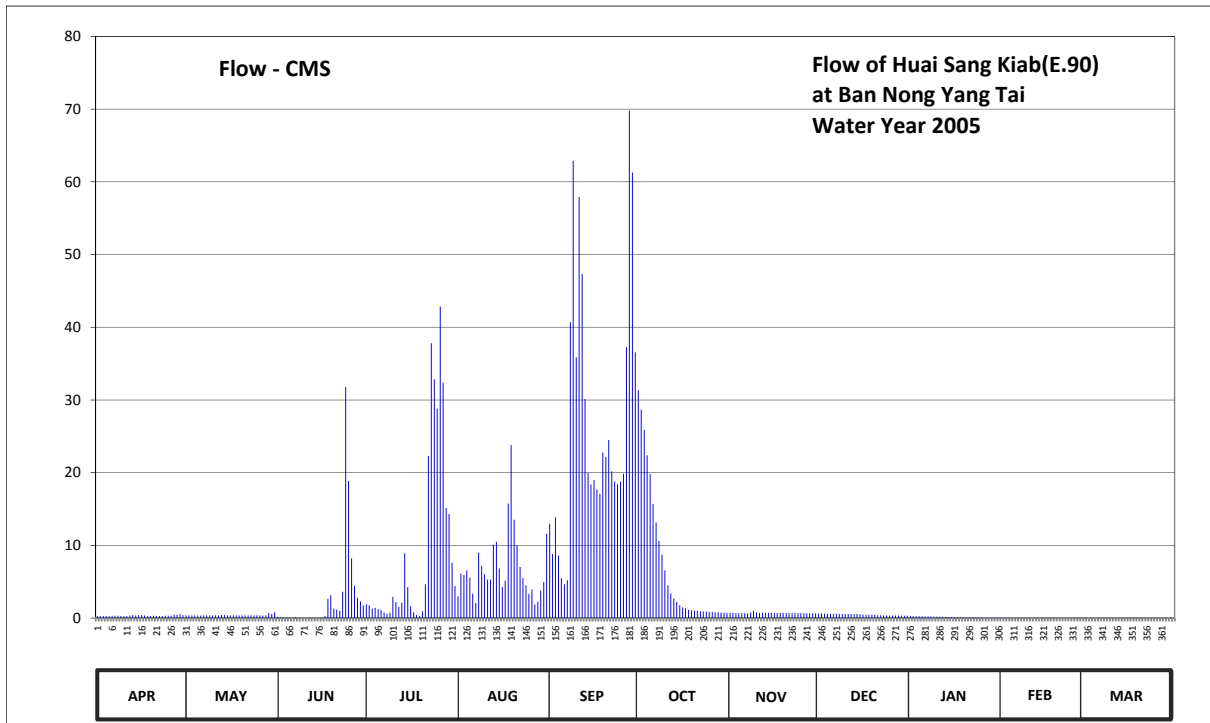
Lat 16 - 46 - 30 N Long 103 - 38 - 54 E

Location : on right bank at Ban Nong Yang Tai.

	Ban Nong Yang Tai	Amphoe Kham Muang	Changwat Kalasin
Drainage Area	321 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+160.600 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank upstream at the footpath of the bridge.	Elevation	+167.096 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +165.220 m.(M.S.L.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 26 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.93	160.96	160.89	161.33	161.50	162.59	163.99	162.32	162.24	161.81	161.21	160.96	
2	160.93	160.96	160.85	161.30	161.89	162.18	163.81	162.30	162.23	161.77	161.20	160.94	
3	160.93	160.96	160.83	161.21	161.87	162.67	163.62	162.30	162.23	161.76	161.19	160.93	
4	160.93	160.96	160.84	161.23	161.94	162.16	163.53	162.27	162.20	161.74	161.16	160.93	
5	160.93	160.96	160.83	161.19	161.83	161.82	163.47	162.27	162.20	161.71	161.13	160.93	
6	160.94	160.95	160.82	161.17	161.55	161.72	163.36	162.26	162.19	161.68	161.13	160.93	
7	160.94	160.96	160.87	161.07	161.36	161.79	163.28	162.26	162.19	161.66	161.13	160.92	
8	160.94	160.96	160.79	161.03	162.20	164.56	163.20	162.36	162.18	161.64	161.13	160.91	
9	160.93	160.96	160.77	161.07	162.01	165.63	163.13	162.47	162.17	161.62	161.12	160.90	
10	160.93	160.96	160.77	161.49	161.88	164.29	163.05	162.38	162.16	161.60	161.12	160.90	
11	160.93	160.96	160.77	161.38	161.80	165.43	162.96	162.32	162.16	161.58	161.12	160.91	
12	160.95	160.96	160.84	161.26	161.80	164.93	162.90	162.32	162.16	161.55	161.11	160.91	
13	160.97	160.97	160.81	161.37	162.31	163.91	162.83	162.32	162.14	161.53	161.10	160.93	
14	160.95	160.97	160.78	162.19	162.35	163.18	162.77	162.33	162.14	161.51	161.10	160.92	
15	160.97	160.96	160.75	161.67	161.97	163.05	162.69	162.33	162.12	161.49	161.08	160.92	
16	160.97	160.96	160.84	161.28	161.67	163.10	162.62	162.32	162.09	161.46	161.07	160.92	
17	160.95	160.96	160.92	161.08	161.78	162.99	162.57	162.31	162.07	161.45	161.04	160.90	
18	160.93	160.96	161.45	160.97	162.83	162.94	162.51	162.31	162.06	161.42	161.03	160.89	
19	160.93	160.96	161.52	160.94	163.47	163.40	162.49	162.30	162.06	161.41	161.01	160.90	
20	160.94	160.96	161.21	161.12	162.64	163.35	162.48	162.30	162.04	161.39	161.00	160.91	
21	160.93	160.96	161.18	161.72	162.30	163.52	162.46	162.29	162.00	161.38	161.00	160.91	
22	160.93	160.96	161.14	163.36	161.99	163.20	162.45	162.27	161.98	161.36	160.99	160.91	
23	160.93	160.96	161.59	164.40	161.82	163.08	162.44	162.27	161.96	161.34	160.99	160.90	
24	160.94	160.96	164.02	164.09	161.70	163.05	162.43	162.27	161.94	161.31	160.99	160.89	
25	160.94	160.96	163.09	163.82	161.55	163.08	162.42	162.27	161.93	161.30	160.98	160.89	
26	160.94	160.96	162.12	164.68	161.63	163.17	162.42	162.25	161.92	161.27	160.98	160.89	
27	160.99	160.95	161.69	164.06	161.32	164.37	162.40	162.25	161.90	161.27	160.98	160.89	
28	160.99	160.96	161.47	162.78	161.39	165.86	162.39	162.25	161.88	161.22	160.98	160.90	
29	161.01	161.05	161.40	162.71	161.61	165.57	162.36	162.25	161.87	161.17	160.89	160.89	
30	160.97	161.02	161.30	162.06	161.76	164.33	162.34	162.24	161.86	161.24	160.90	160.90	
31		161.09		161.69	162.46		162.33		161.86	161.23	160.90	160.90	
Mean	160.95	160.97	161.24	161.96	161.94	163.50	162.83	162.30	162.07	161.48	161.07	160.91	
Max	161.01	161.09	164.02	164.68	163.47	165.86	163.99	162.47	162.24	161.81	161.21	160.96	165.86
Min	160.93	160.95	160.75	160.94	161.32	161.72	162.33	162.24	161.86	161.17	160.98	160.89	160.75
Annual Max Momentary Gage Height	166.05		m. (MSL.) ,			at 21.00 Hours, on Sep 8, 2005							
Zero Gage at Bottom Elevation	160.60		m. (MSL.) ,			River Bed 161.49	m. (MSL.)						
Left Bank Elevation	166.97		m. (MSL.) ,										
Right Bank Elevation	166.94		m. (MSL.) ,			Drainage Are 321	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.29	0.38	0.18	1.92	3.00	12.99	31.35	0.72	0.64	0.30	0.04	0.02	
2	0.29	0.38	0.10	1.75	6.11	8.80	28.65	0.70	0.63	0.29	0.04	0.01	
3	0.29	0.38	0.06	1.30	5.93	13.87	25.88	0.70	0.63	0.28	0.04	0.01	
4	0.29	0.38	0.08	1.40	6.56	8.60	22.38	0.67	0.60	0.27	0.04	0.01	
5	0.29	0.38	0.06	1.21	5.57	5.48	19.80	0.67	0.60	0.26	0.03	0.01	
6	0.32	0.35	0.04	1.13	3.35	4.66	15.72	0.66	0.59	0.24	0.03	0.01	
7	0.32	0.38	0.14	0.75	2.08	5.22	13.16	0.66	0.59	0.23	0.03	0.01	
8	0.32	0.38	0.00	0.60	9.00	40.68	10.60	0.76	0.58	0.22	0.03	0.01	
9	0.29	0.38	0.00	0.75	7.19	62.90	8.71	1.01	0.57	0.21	0.03	0.01	
10	0.29	0.38	0.00	2.93	6.02	35.85	6.55	0.78	0.56	0.20	0.03	0.01	
11	0.29	0.38	0.00	2.19	5.30	57.92	4.48	0.72	0.56	0.19	0.03	0.01	
12	0.35	0.38	0.08	1.55	5.30	47.34	3.40	0.72	0.56	0.18	0.03	0.01	
13	0.41	0.41	0.02	2.13	10.10	30.15	2.70	0.72	0.54	0.17	0.03	0.01	
14	0.35	0.41	0.00	8.90	10.50	19.96	2.22	0.73	0.54	0.15	0.03	0.01	
15	0.41	0.38	0.00	4.26	6.83	18.40	1.76	0.73	0.52	0.15	0.03	0.01	
16	0.41	0.38	0.08	1.65	4.26	19.00	1.48	0.72	0.49	0.13	0.03	0.01	
17	0.35	0.38	0.26	0.78	5.14	17.68	1.31	0.71	0.47	0.13	0.02	0.01	
18	0.29	0.38	2.65	0.41	15.76	17.08	1.13	0.71	0.46	0.11	0.02	0.01	
19	0.29	0.38	3.14	0.32	23.78	22.80	1.07	0.70	0.46	0.11	0.02	0.01	
20	0.32	0.38	1.30	0.93	13.54	22.15	1.04	0.70	0.44	0.10	0.02	0.01	
21	0.29	0.38	1.17	4.66	10.00	24.48	0.98	0.69	0.40	0.09	0.02	0.01	
22	0.29	0.38	1.01	22.28	7.01	20.20	0.95	0.67	0.39	0.08	0.02	0.01	
23	0.29	0.38	3.63	37.80	5.48	18.76	0.92	0.67	0.38	0.08	0.02	0.01	
24	0.32	0.38	31.80	32.85	4.50	18.40	0.89	0.67	0.37	0.06	0.02	0.01	
25	0.32	0.38	18.88	28.80	3.35	18.76	0.86	0.67	0.36	0.06	0.02	0.01	
26	0.32	0.38	8.20	42.84	3.94	19.84	0.86	0.65	0.36	0.05	0.02	0.01	
27	0.47	0.35	4.42	32.40	1.86	37.26	0.80	0.65	0.35	0.05	0.02	0.01	
28	0.47	0.38	2.79	15.16	2.25	69.80	0.79	0.65	0.34	0.04	0.02	0.01	
29	0.53	0.68	2.30	14.32	3.78	61.28	0.76	0.65	0.33	0.04	0.01	0.01	
30	0.41	0.57	1.75	7.64	4.98	36.54	0.74	0.64	0.33	0.05	0.01	0.01	
31		0.81		4.42	11.60		0.73		0.33	0.05		0.01	
Total	10.17	12.70	84.14	280.03	214.07	796.85	212.67	21.10	14.97	4.57	0.76	0.32	1652.35 CMSDAY
Mean	0.34	0.41	2.80	9.03	6.91	26.56	6.86	0.70	0.48	0.15	0.03	0.01	4.53 CMS
Max	0.53	0.81	31.80	42.84	23.78	69.80	31.35	1.01	0.64	0.30	0.04	0.02	69.80 CMS
Min	0.29	0.35	0.00	0.32	1.86	4.66	0.73	0.64	0.33	0.04	0.02	0.01	0.00 CMS
Runoff	0.88	1.10	7.27	24.20	18.50	68.85	18.38	1.82	1.29	0.40	0.07	0.03	142.76 MCM
Momentary Peak	75.85	CMS, at 166.05 m. (MSL.), at 21.00 Hours, on Sep 8, 2005											
Runoff Yield	14.10	Liters/Second/Square KM.		Momentary Peak Yield		236.293	Liters/Second/Square KM.						

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Kui Chuak , Maha Sarakham (E.91)

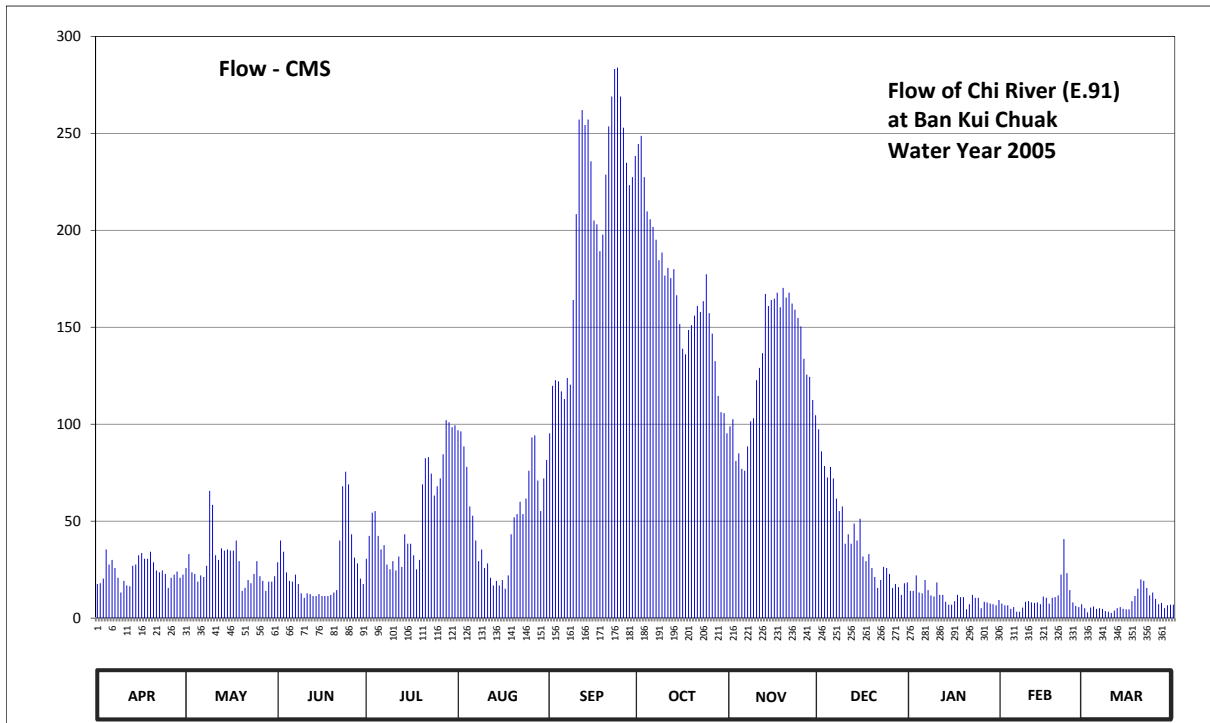
Lat 16 - 21 - 58 N Long 102 - 56 - 59 E

Location : on left bank at Ban Kui Chuak.

	Ban	Kui Chuak	Amphoe	Kosum Phisai	Changwat	Maha Sarakham	
Drainage Area	29,265	sq.km.					
Type of Gage	Staff gage						
Zero Gage at Bottom	+138.000 m. (MSL.)						
Bench Mark	B.M.- H.D.						
Location BM	On left bank at the abutment of the bridge.					Elevation	+151.082 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.						
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings						
Period of Available Gage Records	2005 to date						
Rating Operation							
Period of Rating	2005 to date						
Rated by Flot	-						
Rated by Current Meter	2005 to date						
Stability of Channel Regimes	Stable.						
Overbank Flow Conditions	No overbank flow.						
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2005.						

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	139.84	140.03	140.08	140.11	141.17	141.14	143.55	141.21	141.18	139.75	139.55	139.47	
2	139.85	140.15	140.25	140.28	141.16	141.60	143.61	141.28	140.96	139.75	139.52	139.40	
3	139.91	139.99	140.17	140.43	141.01	141.65	143.30	140.86	140.81	139.95	139.52	139.48	
4	140.19	139.97	139.99	140.44	140.80	141.64	143.04	140.94	140.69	139.73	139.46	139.50	
5	140.06	139.87	139.88	140.28	140.47	141.55	142.98	140.78	140.80	139.72	139.49	139.46	
6	140.10	139.95	139.87	140.19	140.41	141.48	142.92	140.76	140.68	139.89	139.41	139.47	
7	140.03	139.93	139.96	140.22	140.25	141.67	142.82	141.01	140.52	139.76	139.41	139.46	
8	139.92	140.05	139.84	140.06	140.09	141.61	142.66	141.26	140.44	139.69	139.48	139.42	
9	139.73	140.57	139.72	140.02	140.19	142.34	142.72	141.29	140.47	139.67	139.58	139.41	
10	139.88	140.48	139.65	140.09	140.03	143.02	142.54	141.65	140.23	139.86	139.59	139.39	
11	139.82	140.14	139.72	140.01	140.07	143.73	142.60	141.76	140.29	139.70	139.57	139.43	
12	139.81	140.10	139.71	140.13	139.92	143.80	142.52	141.89	140.23	139.70	139.56	139.47	
13	140.05	140.20	139.68	140.04	139.82	143.69	142.59	142.39	140.36	139.58	139.57	139.49	
14	140.06	140.18	139.68	140.29	139.88	143.73	142.38	142.29	140.25	139.53	139.54	139.46	
15	140.14	140.19	139.71	140.23	139.82	143.42	142.14	142.34	140.39	139.53	139.67	139.45	
16	140.16	140.18	139.68	140.23	139.89	142.97	141.93	142.35	140.13	139.59	139.65	139.45	
17	140.11	140.18	139.68	140.14	139.78	142.94	141.88	142.40	140.09	139.70	139.55	139.59	
18	140.11	140.25	139.68	140.02	139.95	142.73	142.09	142.28	140.15	139.66	139.65	139.68	
19	140.17	140.09	139.70	140.10	140.29	142.86	142.13	142.44	140.03	139.66	139.66	139.78	
20	140.08	139.75	139.73	140.62	140.40	143.32	142.21	142.36	139.93	139.45	139.69	139.90	
21	140.01	139.79	139.76	140.89	140.42	143.68	142.29	142.40	139.79	139.54	139.96	139.88	
22	139.99	139.89	140.25	140.90	140.50	143.90	142.24	142.31	139.89	139.70	140.26	139.79	
23	140.01	139.85	140.60	140.73	140.42	144.10	142.33	142.26	140.04	139.65	139.98	139.69	
24	139.97	139.97	140.75	140.54	140.52	144.11	142.55	142.19	140.03	139.65	139.76	139.73	
25	139.79	140.09	140.62	140.60	140.76	143.90	142.23	142.12	139.97	139.47	139.57	139.63	
26	139.92	139.94	140.29	140.68	141.10	143.67	142.06	141.84	139.79	139.58	139.51	139.54	
27	139.96	139.88	140.12	140.93	141.12	143.41	141.82	141.70	139.84	139.57	139.49	139.56	
28	140.00	139.75	140.07	141.27	140.66	143.24	141.51	141.68	139.80	139.55	139.54	139.47	
29	139.92	139.87	139.91	141.25	140.44	143.30	141.35	141.47	139.70	139.54		139.52	
30	139.96	139.87	139.84	141.20	140.68	143.46	141.34	141.32	139.85	139.52		139.53	
31		139.94		141.22	140.87		141.14		139.86	139.61		139.53	
Mean	139.99	140.04	139.95	140.46	140.42	142.92	142.37	141.76	140.23	139.65	139.61	139.55	
Max	140.19	140.57	140.75	141.27	141.17	144.11	143.61	142.44	141.18	139.95	140.26	139.90	144.11
Min	139.73	139.75	139.65	140.01	139.78	141.14	141.14	140.76	139.70	139.45	139.41	139.39	139.39
Annual Max Momentary Gage Height	144.20			m. (MSL.) ,			at 06.00 Hours, on Sep 24, 2005						
Zero Gage at Bottom Elevation	138.00			m. (MSL.) ,		River Bed	138.25	m. (MSL.)					
Left Bank Elevation		150.05		m. (MSL.) ,									
Right Bank Elevation		152.04		m. (MSL.) ,		Drainage Are	29,265	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	17.60	25.80	28.80	30.60	96.84	95.28	244.50	98.92	97.36	14.00	7.50	5.10		
2	18.00	33.00	40.00	42.40	96.32	119.80	248.70	102.56	86.00	14.00	6.60	3.00		
3	20.40	23.60	34.20	54.40	88.52	122.70	227.40	81.00	78.50	22.00	6.60	5.40		
4	35.40	22.80	23.60	55.20	78.00	122.12	209.72	85.00	72.50	13.20	4.80	6.00		
5	27.60	18.80	19.20	42.40	57.60	116.90	205.68	77.00	78.00	12.80	5.70	4.80		
6	30.00	22.00	18.80	35.40	52.80	112.96	201.72	76.00	72.00	19.60	3.30	5.10		
7	25.80	21.20	22.40	37.60	40.00	123.86	195.12	88.52	61.60	14.40	3.30	4.80		
8	20.80	27.00	17.60	27.60	29.40	120.38	184.56	101.52	55.20	11.70	5.40	3.60		
9	13.20	65.60	12.80	25.20	35.40	164.08	188.52	103.08	57.60	11.10	8.40	3.30		
10	19.20	58.40	10.50	29.40	25.80	208.36	176.64	122.70	38.40	18.40	8.70	2.70		
11	16.80	32.40	12.80	24.60	28.20	257.10	180.60	129.08	43.20	12.00	8.10	3.90		
12	16.40	30.00	12.40	31.80	20.80	262.00	175.32	136.62	38.40	12.00	7.80	5.10		
13	27.00	36.00	11.40	26.40	16.80	254.30	179.94	167.18	48.80	8.40	8.10	5.70		
14	27.60	34.80	11.40	43.20	19.20	257.10	166.56	160.98	40.00	6.90	7.20	4.80		
15	32.40	35.40	12.40	38.40	16.80	235.56	151.68	164.08	51.20	6.90	11.10	4.50		
16	33.60	34.80	11.40	38.40	19.60	205.02	138.94	164.70	31.80	8.70	10.50	4.50		
17	30.60	34.80	11.40	32.40	15.20	203.04	136.04	167.80	29.40	12.00	7.50	8.70		
18	30.60	40.00	11.40	25.20	22.00	189.18	148.58	160.36	33.00	10.80	10.50	11.40		
19	34.20	29.40	12.00	30.00	43.20	197.76	151.06	170.28	25.80	10.80	10.80	15.20		
20	28.80	14.00	13.20	69.00	52.00	228.76	156.02	165.32	21.20	4.50	11.70	20.00		
21	24.60	15.60	14.40	82.50	53.60	253.60	160.98	167.80	15.60	7.20	22.40	19.20		
22	23.60	19.60	40.00	83.00	60.00	269.00	157.88	162.22	19.60	12.00	40.80	15.60		
23	24.60	18.00	68.00	74.50	53.60	283.20	163.46	159.12	26.40	10.50	23.20	11.70		
24	22.80	22.80	75.50	63.20	61.60	283.92	177.30	154.78	25.80	10.50	14.40	13.20		
25	15.60	29.40	69.00	68.00	76.00	269.00	157.26	150.44	22.80	5.10	8.10	9.90		
26	20.80	21.60	43.20	72.00	93.20	252.90	146.72	133.72	15.60	8.40	6.30	7.20		
27	22.40	19.20	31.20	84.50	94.24	234.88	132.56	125.60	17.60	8.10	5.70	7.80		
28	24.00	14.00	28.20	102.04	71.00	223.32	114.58	124.44	16.00	7.50	7.20	5.10		
29	20.80	18.80	20.40	101.00	55.20	227.40	106.20	112.44	12.00	7.20		6.60		
30	22.40	18.80	17.60	98.40	72.00	238.28	105.68	104.64	18.00	6.60		6.90		
31		21.60		99.44	81.50		95.28		18.40	9.30		6.90		
Total	727.60	859.20	755.20	1668.18	1626.42	6131.76	5185.20	3917.90	1267.76	336.60	281.70	237.70	22995.22	CMSDAY
Mean	24.25	27.72	25.17	53.81	52.47	204.39	167.26	130.60	40.90	10.86	10.06	7.67	63.00	CMS
Max	35.40	65.60	75.50	102.04	96.84	283.92	248.70	170.28	97.36	22.00	40.80	20.00	283.92	CMS
Min	13.20	14.00	10.50	24.60	15.20	95.28	95.28	76.00	12.00	4.50	3.30	2.70	2.70	CMS
Runoff	62.87	74.24	65.25	144.13	140.52	529.78	448.00	338.51	109.53	29.08	24.34	20.54	1986.79	MCM
Momentary Peak	290.40	CMS, at 144.20 m. (MSL.), at 06.00 Hours, on Sep 24, 2005												
Runoff Yield	2.15	Liters/Second/Square KM.		Momentary Peak Yield		9.923	Liters/Second/Square KM.							

WATER YEAR : 2005

MUN RIVER BASIN

Mun River at Ban Dan Taka, Nakhon Ratchasima (M.2A)

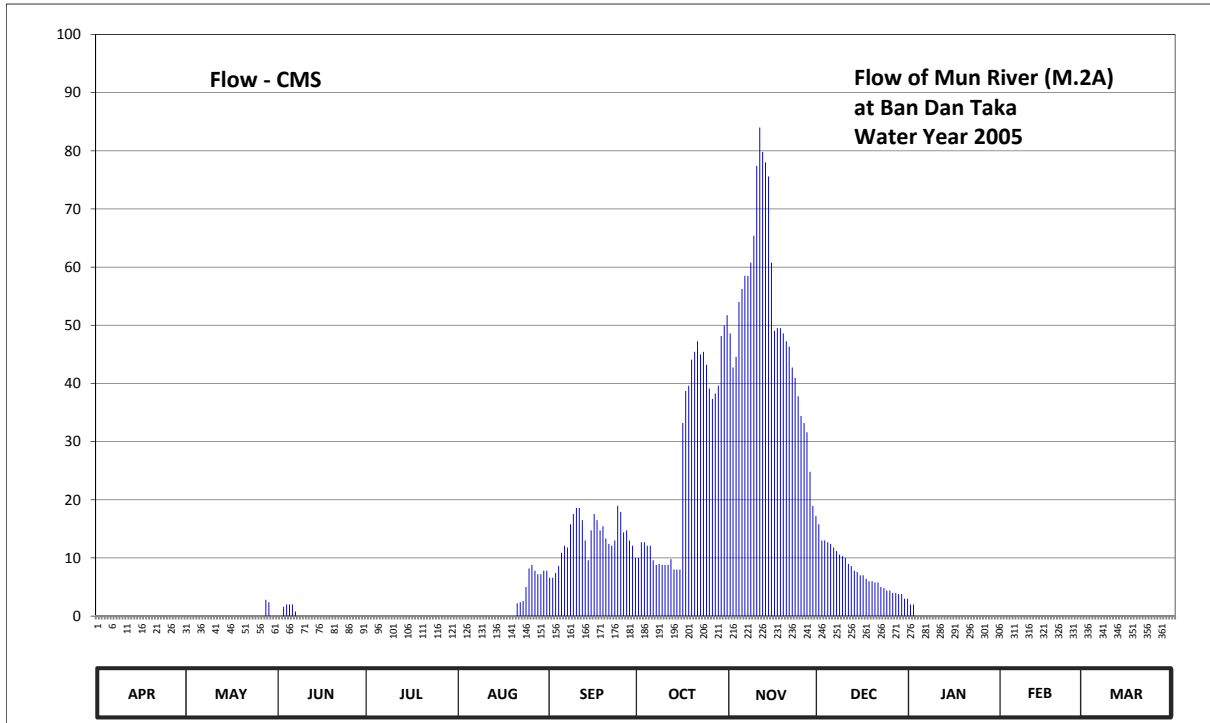
Lat 14 - 57 - 57 N Long 102 - 14 - 38 E

Location : on left bank at Ban Dan Taka.

	Ban Dan Taka	Amphoe Chaloem Phra Kiat	Changwat Nakhon Ratchasima
Drainage Area	4,724 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+161.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream at the footpath.	Elevation +169.284 m. (MSL.)	
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

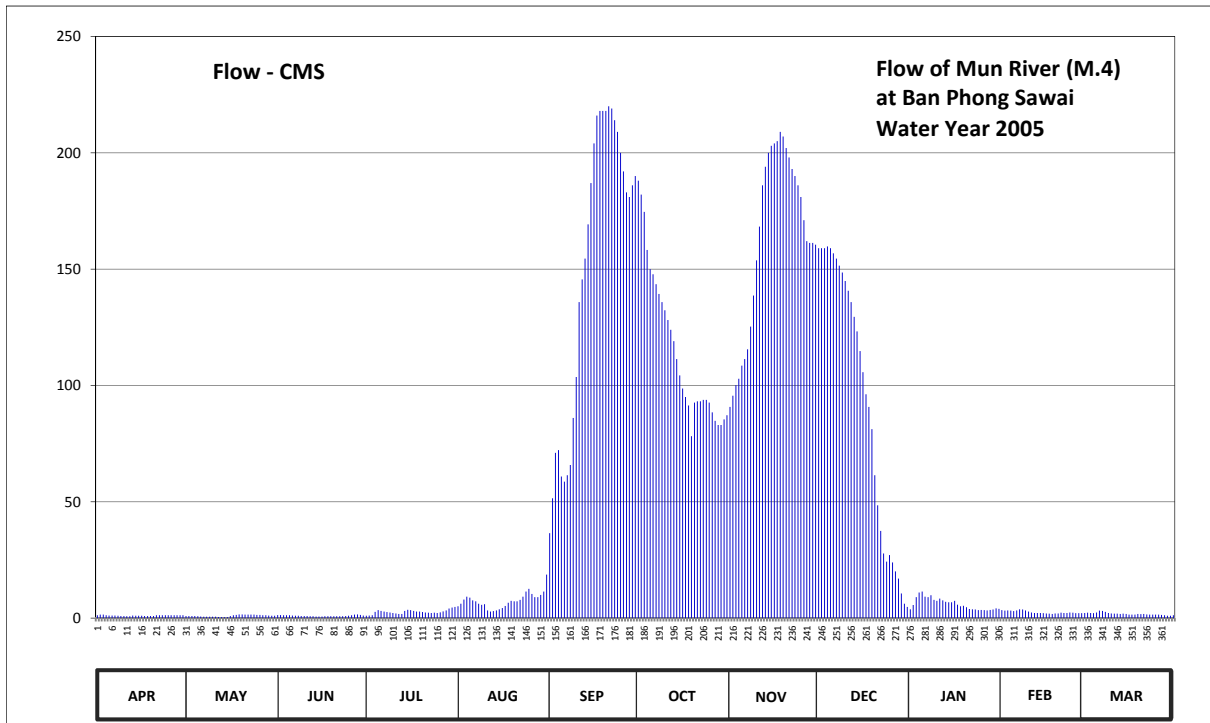
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	162.59	162.45	162.82	162.37	162.04	163.33	163.50	164.48	163.68	163.10	162.46	161.99	
2	162.57	162.44	162.81	162.29	162.11	163.33	163.59	164.35	163.60	163.10	162.44	161.99	
3	162.56	162.44	163.08	162.29	161.78	163.37	163.59	164.39	163.60	163.00	162.40	161.99	
4	162.56	162.43	163.10	162.28	161.72	163.43	163.57	164.60	163.59	163.00	162.40	161.99	
5	162.55	162.43	163.10	162.28	161.61	163.53	163.57	164.65	163.58	162.90	162.39	161.99	
6	162.55	162.43	163.10	162.71	161.55	163.57	163.48	164.70	163.56	162.90	162.37	161.80	
7	162.55	162.43	163.04	162.78	161.52	163.56	163.44	164.70	163.54	162.89	162.37	161.78	
8	162.55	162.43	163.00	162.78	161.51	163.68	163.45	164.75	163.52	162.88	162.35	161.75	
9	162.56	162.43	162.94	162.78	161.51	163.73	163.44	164.84	163.51	162.88	162.35	161.73	
10	162.56	162.44	162.90	162.78	161.53	163.76	163.44	165.04	163.50	162.87	162.33	161.71	
11	162.58	162.45	162.90	162.71	161.52	163.76	163.44	165.15	163.45	162.87	162.29	161.70	
12	162.52	162.47	162.90	162.67	161.52	163.70	163.49	165.08	163.43	162.86	162.26	161.77	
13	162.47	162.46	162.90	162.67	161.52	163.60	163.40	165.05	163.39	162.83	162.22	161.77	
14	162.47	162.46	162.90	162.67	161.52	163.48	163.40	165.01	163.38	162.70	162.19	161.77	
15	162.47	162.46	162.88	162.69	161.52	163.65	163.40	164.75	163.35	162.69	162.17	161.77	
16	162.46	162.46	162.81	162.72	161.51	163.73	164.13	164.49	163.35	162.69	162.15	161.77	
17	162.45	162.45	162.75	162.70	161.65	163.70	164.26	164.50	163.32	162.69	162.15	161.78	
18	162.46	162.46	162.68	162.68	162.50	163.65	164.28	164.50	163.30	162.60	162.14	161.85	
19	162.48	162.46	162.64	162.64	162.79	163.67	164.38	164.48	163.30	162.60	162.12	161.85	
20	162.49	162.45	162.63	162.62	162.90	163.61	164.41	164.45	163.29	162.58	162.10	161.96	
21	162.49	162.46	162.54	162.56	163.11	163.58	164.45	164.43	163.29	162.58	162.09	162.00	
22	162.51	162.46	162.53	162.45	163.12	163.57	164.40	164.35	163.25	162.58	162.08	162.00	
23	162.51	162.46	162.50	162.36	163.13	163.60	164.41	164.31	163.24	162.55	162.07	162.00	
24	162.51	162.46	162.49	162.37	163.25	163.77	164.36	164.24	163.22	162.55	162.06	162.00	
25	162.51	162.46	162.50	162.21	163.41	163.74	164.27	164.16	163.22	162.55	162.05	162.00	
26	162.51	162.46	162.48	162.16	163.44	163.64	164.23	164.13	163.20	162.55	162.04	162.00	
27	162.49	162.58	162.44	162.10	163.39	163.65	164.25	164.09	163.20	162.52	162.03	162.00	
28	162.47	163.14	162.45	161.84	163.36	163.60	164.28	163.92	163.19	162.50	162.02	162.03	
29	162.47	163.12	162.45	161.70	163.36	163.57	164.47	163.77	163.19	162.50		161.99	
30	162.46	162.85	162.43	161.70	163.39	163.50	164.51	163.72	163.15	162.48		161.99	
31		162.88		162.10	163.39		164.55		163.15	162.45		161.98	
Mean	162.51	162.52	162.76	162.44	162.33	163.60	163.93	164.50	163.37	162.72	162.22	161.89	
Max	162.59	163.14	163.10	162.78	163.44	163.77	164.55	165.15	163.68	163.10	162.46	162.03	165.15
Min	162.45	162.43	162.43	161.70	161.51	163.33	163.40	163.72	163.15	162.45	162.02	161.70	161.51
Annual Max Momentary Gage Height	165.15		m. (MSL.) ,			at 06.00 Hours ,	on Nov 11 , 2005						
Zero Gage at Bottom Elevation	161.00		m. (MSL.) ,			River Bed	159.37	m. (MSL.)					
Left Bank Elevation	165.95		m. (MSL.) ,										
Right Bank Elevation	167.12		m. (MSL.) ,			Drainage Are	4,724	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	6.60	10.00	48.60	15.80	2.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	6.60	12.70	42.75	13.00	2.00	0.00	0.00	
3	0.00	0.00	1.60	0.00	0.00	7.40	12.70	44.55	13.00	0.00	0.00	0.00	
4	0.00	0.00	2.00	0.00	0.00	8.60	12.10	54.00	12.70	0.00	0.00	0.00	
5	0.00	0.00	2.00	0.00	0.00	10.90	12.10	56.25	12.40	0.00	0.00	0.00	
6	0.00	0.00	2.00	0.00	0.00	12.10	9.60	58.50	11.80	0.00	0.00	0.00	
7	0.00	0.00	0.80	0.00	0.00	11.80	8.80	58.50	11.20	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	15.80	9.00	60.75	10.60	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	17.55	8.80	65.40	10.30	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	18.60	8.80	77.40	10.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	18.60	8.80	84.00	9.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	16.50	9.80	79.80	8.60	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	13.00	8.00	78.00	7.80	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	9.60	8.00	75.60	7.60	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	14.75	8.00	60.75	7.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	17.55	33.20	49.05	7.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	16.50	38.70	49.50	6.40	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	14.75	39.60	49.50	6.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	15.45	44.10	48.60	6.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	13.35	45.45	47.25	5.80	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	2.20	12.40	47.25	46.35	5.80	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	2.40	12.10	45.00	42.75	5.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	2.60	13.00	45.45	40.95	4.80	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	5.00	18.95	43.20	37.80	4.40	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	8.20	17.90	39.15	34.40	4.40	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	8.80	14.40	37.35	33.20	4.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	7.80	14.75	38.25	31.60	4.00	0.00	0.00	0.00	
28	0.00	2.80	0.00	0.00	7.20	13.00	39.60	24.80	3.80	0.00	0.00	0.00	
29	0.00	2.40	0.00	0.00	7.20	12.10	48.15	18.95	3.80	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	7.80	10.00	49.95	17.20	3.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	7.80	0.00	51.75	0.00	3.00	0.00	0.00	0.00	
Total	0.00	5.20	8.40	0.00	67.00	404.60	833.35	1516.75	238.00	4.00	0.00	0.00	3077.30 CMSDAY
Mean	0.00	0.17	0.28	0.00	2.16	13.49	26.88	50.56	7.68	0.13	0.00	0.00	8.43 CMS
Max	0.00	2.80	2.00	0.00	8.80	18.95	51.75	84.00	15.80	2.00	0.00	0.00	84.00 CMS
Min	0.00	0.00	0.00	0.00	0.00	6.60	8.00	17.20	3.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.45	0.73	0.00	5.79	34.96	72.00	131.05	20.56	0.35	0.00	0.00	265.88 MCM
Momentary Peak	84.00	CMS. at 165.15 m. (MSL.) at 06.00 Hours , on Nov 11 , 2005											
Runoff Yield	1.78	Liters/Second/Square KM. Momentary Peak Yield 17.782 Liters/Second/Square KM.											



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.20	0.90	1.30	1.00	5.10	36.50	188.00	90.80	159.00	3.80	3.40	2.20	
2	1.50	0.90	1.30	1.10	6.20	51.50	182.00	95.60	159.00	5.60	3.20	2.30	
3	1.50	0.90	1.20	1.20	8.00	71.00	174.60	100.10	159.00	9.00	3.30	2.20	
4	1.20	0.90	1.20	2.70	9.20	72.20	158.25	102.90	159.75	11.00	3.20	2.10	
5	1.10	0.80	1.20	3.40	8.80	60.85	150.00	108.50	159.00	11.40	3.00	2.40	
6	1.10	0.70	1.10	3.10	7.60	58.65	147.75	111.30	156.75	9.20	3.30	3.20	
7	1.10	0.60	1.00	2.80	7.20	61.40	143.50	115.50	154.50	9.00	3.80	3.10	
8	1.00	0.60	1.00	2.60	6.20	65.80	139.30	125.30	151.50	9.80	3.70	2.70	
9	0.90	0.60	0.90	2.40	5.70	86.00	135.80	138.60	148.50	7.80	3.30	2.20	
10	0.90	0.60	0.90	2.20	6.00	103.60	132.30	153.75	144.90	7.40	2.80	2.00	
11	0.80	0.60	0.90	2.00	3.30	135.80	128.10	168.30	140.70	8.40	2.40	1.90	
12	0.80	0.50	0.80	1.80	2.80	145.60	123.90	186.00	135.80	7.60	2.20	1.90	
13	1.10	0.40	0.80	1.80	3.00	154.50	119.00	194.00	129.50	7.00	2.20	1.80	
14	1.00	0.40	0.70	3.10	3.30	169.20	111.30	200.00	123.20	6.80	2.20	1.90	
15	1.00	0.40	0.70	3.60	3.80	187.00	104.30	203.00	114.80	6.80	2.10	1.80	
16	1.00	0.90	0.70	3.40	4.30	204.00	98.70	204.00	105.70	7.40	2.00	1.50	
17	0.90	1.20	0.80	3.10	5.20	216.00	95.00	205.00	96.20	5.80	1.90	1.50	
18	0.90	1.40	0.80	2.80	6.60	218.00	91.40	209.00	90.80	5.10	1.80	1.50	
19	0.90	1.60	0.80	2.80	7.40	218.00	78.20	207.00	81.20	5.30	2.00	1.80	
20	0.90	1.60	0.80	2.60	7.20	218.00	92.60	202.00	61.40	4.70	2.00	1.70	
21	1.20	1.50	0.80	2.40	7.20	220.00	93.20	198.00	48.50	3.90	2.30	1.80	
22	1.20	1.50	0.80	2.30	7.80	219.00	93.20	193.00	37.50	3.80	2.20	1.60	
23	1.20	1.50	0.80	2.20	9.20	214.00	93.80	190.00	27.80	3.70	2.20	1.50	
24	1.20	1.50	0.90	2.30	11.40	209.00	93.80	186.00	24.30	3.40	2.40	1.50	
25	1.20	1.40	1.00	2.20	12.60	200.00	92.60	181.00	27.10	3.50	2.30	1.50	
26	1.20	1.40	1.20	2.50	10.40	192.00	88.40	171.00	23.95	3.40	2.10	1.50	
27	1.20	1.20	1.50	2.90	9.00	183.00	84.80	162.00	20.10	3.30	2.10	1.40	
28	1.20	1.20	1.60	3.30	9.00	181.00	83.00	161.25	17.00	3.50	2.10	1.20	
29	1.20	1.10	1.40	4.10	10.00	186.00	83.00	161.25	10.60	3.70		1.00	
30	1.20	1.00	1.10	4.50	11.40	190.00	85.40	160.50	6.20	4.20		1.00	
31		1.00		4.80	18.70		87.20		4.80	4.00		1.20	
Total	32.80	30.80	30.00	83.00	233.60	4527.60	3572.40	4884.65	2879.05	189.30	71.50	56.90	16591.60 CMSDAY
Mean	1.09	0.99	1.00	2.68	7.54	150.92	115.24	162.82	92.87	6.11	2.55	1.84	45.46 CMS
Max	1.50	1.60	1.60	4.80	18.70	220.00	188.00	209.00	159.75	11.40	3.80	3.20	220.00 CMS
Min	0.80	0.40	0.70	1.00	2.80	36.50	78.20	90.80	4.80	3.30	1.80	1.00	0.40 CMS
Runoff	2.83	2.66	2.59	7.17	20.18	391.19	308.66	422.03	248.75	16.36	6.18	4.92	1433.51 MCM
Momentary Peak	220.00	CMS.	at 121.50 m. (MSL.)	at 06.00 Hours	, on Sep 21, 2005								
Runoff Yield	1.31	Liters/Second/Square KM.		Momentary Peak Yield	6.348	Liters/Second/Square KM.							

WATER YEAR : 2005

MUN RIVER BASIN

Mun River at Ban Mueang Kong, Si Sa Ket (M.5)

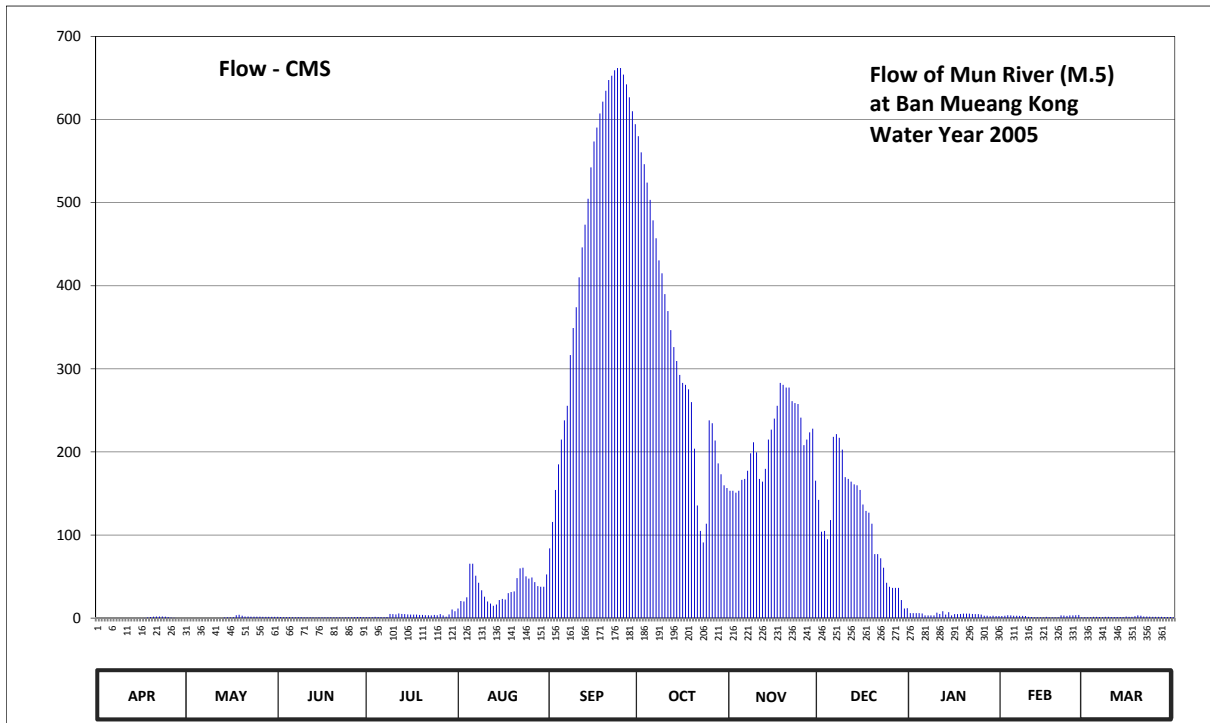
Lat 15 - 20 - 16 N Long 104 - 09 - 21 E

Location : on left bank infront of Amphoe Rasi Salai Office.

	Ban Mueang Kong	Amphoe Rasi Salai	Changwat Si Sa Ket
Drainage Area	45,295 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+110.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream side at the footpath of the bridge.	Elevation	+124.814 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1955 to date		
Rating Operation			
Period of Rating	1972 to date		
Rated by Flot	-		
Rated by Current Meter	1972 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow effected by Rasi Salai barrage about 10 kilometers above gage site. Stage-discharge relation defined by 70 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.76	109.77	109.96	109.92	110.30	111.27	115.50	111.92	111.82	110.20	110.03	109.92	
2	109.75	109.77	109.94	109.92	110.46	111.58	115.35	111.92	111.47	110.20	110.06	109.90	
3	109.75	109.76	109.92	109.92	110.45	111.93	115.24	111.90	111.48	110.20	110.10	109.92	
4	109.74	109.74	109.92	109.95	110.53	112.21	115.07	111.92	111.38	110.20	110.09	109.95	
5	109.73	109.72	109.92	109.94	111.08	112.48	114.91	112.04	111.60	110.18	110.05	109.95	
6	109.73	109.72	109.91	109.92	111.08	112.69	114.72	112.05	112.51	110.09	110.05	109.94	
7	109.73	109.72	109.90	109.92	110.90	112.85	114.55	112.14	112.54	110.09	110.04	109.92	
8	109.72	109.74	109.91	109.93	110.78	113.38	114.33	112.33	112.50	110.08	110.04	109.95	
9	109.72	109.74	109.92	110.16	110.65	113.65	114.20	112.45	112.37	110.08	110.03	109.95	
10	109.72	109.74	109.90	110.15	110.54	113.86	113.99	112.34	112.07	110.21	109.95	109.94	
11	109.72	109.74	109.90	110.14	110.45	114.16	113.82	112.05	112.05	110.16	109.94	109.94	
12	109.72	109.75	109.90	110.18	110.41	114.46	113.63	112.02	112.02	110.24	109.90	109.94	
13	109.73	109.80	109.89	110.16	110.36	114.68	113.46	112.16	111.99	110.13	109.90	109.94	
14	109.74	109.87	109.88	110.15	110.39	114.92	113.32	112.48	111.98	110.22	109.90	109.94	
15	109.74	109.90	109.89	110.14	110.48	115.21	113.18	112.59	111.93	110.09	109.90	109.99	
16	109.75	109.90	109.90	110.13	110.50	115.45	113.10	112.71	111.77	110.15	109.95	109.96	
17	109.82	109.91	109.89	110.13	110.49	115.58	113.08	112.85	111.70	110.15	109.90	109.96	
18	109.88	110.10	109.89	110.13	110.60	115.71	113.03	113.10	111.68	110.16	109.90	110.02	
19	109.93	110.12	109.89	110.11	110.62	115.82	112.89	113.08	111.56	110.17	109.90	110.08	
20	109.98	110.06	109.89	110.11	110.63	115.92	112.38	113.05	111.20	110.17	109.90	110.05	
21	109.99	109.99	109.89	110.10	110.86	116.02	111.76	113.05	111.20	110.17	110.08	110.00	
22	109.99	109.99	109.89	110.10	111.01	116.06	111.48	112.90	111.15	110.16	110.07	109.99	
23	109.99	109.98	109.88	110.09	111.02	116.11	111.34	112.88	111.02	110.15	110.04	109.97	
24	109.97	109.98	109.90	110.11	110.89	116.13	111.56	112.87	110.78	110.15	110.08	109.96	
25	109.91	109.97	109.90	110.10	110.85	116.13	112.69	112.72	110.71	110.13	110.09	109.95	
26	109.85	109.97	109.90	110.15	110.87	116.07	112.66	112.42	110.69	110.05	110.10	109.95	
27	109.83	109.96	109.92	110.08	110.79	115.98	112.47	112.48	110.69	110.05	110.11	109.95	
28	109.80	109.96	109.93	109.98	110.72	115.86	112.22	112.56	110.69	110.02	109.90	109.94	
29	109.79	109.96	109.93	110.14	110.71	115.73	112.10	112.60	110.48	110.05		109.94	
30	109.77	109.96	109.92	110.28	110.71	115.61	111.98	112.03	110.30	110.03		109.94	
31		109.96		110.24	110.92		111.95		110.31	110.03		109.89	
Mean	109.81	109.88	109.91	110.08	110.68	114.58	113.29	112.45	111.47	110.13	110.00	109.96	
Max	109.99	110.12	109.96	110.28	111.08	116.13	115.50	113.10	112.54	110.24	110.11	110.08	116.13
Min	109.72	109.72	109.88	109.92	110.30	111.27	111.34	111.90	110.30	110.02	109.90	109.89	109.72
Annual Max Momentary Gage Height	116.13		m. (MSL.) ,				at 06.00 Hours ,						on Sep 24 , 2005
Zero Gage at Bottom Elevation	110.00		m. (MSL.) ,				River Bed 109.07		m. (MSL.)				
Left Bank Elevation		120.97		m. (MSL.) ,									
Right Bank Elevation		118.35		m. (MSL.) ,		Drainage Are	45,295		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.60	1.20	11.50	84.00	580.00	153.20	142.20	6.00	2.40	1.20	
2	0.00	0.00	1.40	1.20	20.60	115.80	560.50	153.20	104.00	6.00	2.90	1.00	
3	0.00	0.00	1.20	1.20	20.00	154.30	546.20	151.00	105.00	6.00	3.50	1.20	
4	0.00	0.00	1.20	1.50	25.10	185.10	524.10	153.20	95.00	6.00	3.30	1.50	
5	0.00	0.00	1.20	1.40	65.40	214.80	503.30	166.40	118.00	5.50	2.80	1.50	
6	0.00	0.00	1.10	1.20	65.40	237.90	478.60	167.50	218.10	3.30	2.80	1.40	
7	0.00	0.00	1.00	1.20	51.00	255.50	457.00	177.40	221.40	3.30	2.60	1.20	
8	0.00	0.00	1.10	1.30	42.60	316.60	430.60	198.30	217.00	3.20	2.60	1.50	
9	0.00	0.00	1.20	5.00	33.50	349.00	415.00	211.50	202.70	3.20	2.40	1.50	
10	0.00	0.00	1.00	4.80	25.80	374.20	389.80	199.40	169.70	6.60	1.50	1.40	
11	0.00	0.00	1.00	4.50	20.00	410.20	369.40	167.50	167.50	5.00	1.40	1.40	
12	0.00	0.00	1.00	5.50	17.60	446.20	346.60	164.20	164.20	8.20	1.00	1.40	
13	0.00	0.00	0.90	5.00	14.80	473.40	326.20	179.60	160.90	4.20	1.00	1.40	
14	0.00	0.70	0.80	4.80	16.40	504.60	309.40	214.80	159.80	7.10	1.00	1.40	
15	0.00	1.00	0.90	4.50	21.80	542.30	292.60	226.90	154.30	3.30	1.00	1.90	
16	0.00	1.00	1.00	4.20	23.00	573.50	283.00	240.10	136.70	4.80	1.50	1.60	
17	0.20	1.10	0.90	4.20	22.40	590.40	280.80	255.50	129.00	4.80	1.00	1.60	
18	0.80	3.50	0.90	4.20	30.00	607.30	275.30	283.00	126.80	5.00	1.00	2.30	
19	1.30	4.00	0.90	3.80	31.40	621.60	259.90	280.80	113.60	5.30	1.00	3.20	
20	1.80	2.90	0.90	3.80	32.10	634.60	203.80	277.50	77.00	5.30	1.00	2.80	
21	1.90	1.90	0.90	3.50	48.20	647.60	135.60	277.50	77.00	5.30	3.20	2.00	
22	1.90	1.90	0.90	3.50	59.80	652.80	105.00	261.00	72.00	5.00	3.10	1.90	
23	1.90	1.80	0.80	3.30	60.60	659.30	91.00	258.80	60.60	4.80	2.60	1.70	
24	1.70	1.80	1.00	3.80	50.30	661.90	113.60	257.70	42.60	4.80	3.20	1.60	
25	1.10	1.70	1.00	3.50	47.50	661.90	237.90	241.20	37.70	4.20	3.30	1.50	
26	0.50	1.70	1.00	4.80	48.90	654.10	234.60	208.20	36.30	2.80	3.50	1.50	
27	0.30	1.60	1.20	3.20	43.30	642.40	213.70	214.80	36.30	2.80	3.80	1.50	
28	0.00	1.60	1.30	1.80	38.40	626.80	186.20	223.60	36.30	2.30	1.00	1.40	
29	0.00	1.60	1.30	4.50	37.70	609.90	173.00	228.00	21.80	2.80		1.40	
30	0.00	1.60	1.20	10.40	37.70	594.30	159.80	165.30	11.50	2.40		1.40	
31		1.60		8.20	52.60		156.50		12.00	2.40		0.90	
Total	13.40	33.00	31.80	115.00	1115.40	14102.30	9639.00	6357.10	3427.00	141.70	61.40	49.20	35086.30 CMSDAY
Mean	0.40	1.10	1.10	3.70	36.00	470.10	310.90	211.90	110.50	4.60	2.20	1.60	96.10 CMS
Max	1.90	4.00	1.60	10.40	65.40	661.90	580.00	283.00	221.40	8.20	3.80	3.20	661.90 CMS
Min	0.00	0.00	0.80	1.20	11.50	84.00	91.00	151.00	11.50	2.30	1.00	0.90	0.00 CMS
Runoff	1.16	2.85	2.75	9.94	96.37	1218.44	832.81	549.25	296.09	12.24	5.30	4.25	3031.46 MCM
Momentary Peak		661.90 CMS.		at 116.13 m. (MSL.)		at 06.00 Hours ,	on Sep 24, 2005						
Runoff Yield		2.12	Liters/Second/Square KM.			Momentary Peak Yield	14.613	Liters/Second/Square KM.					

WATER YEAR : 2005

MUN RIVER BASIN

Mun River at Ban Satuk, Buri Ram (M.6A)

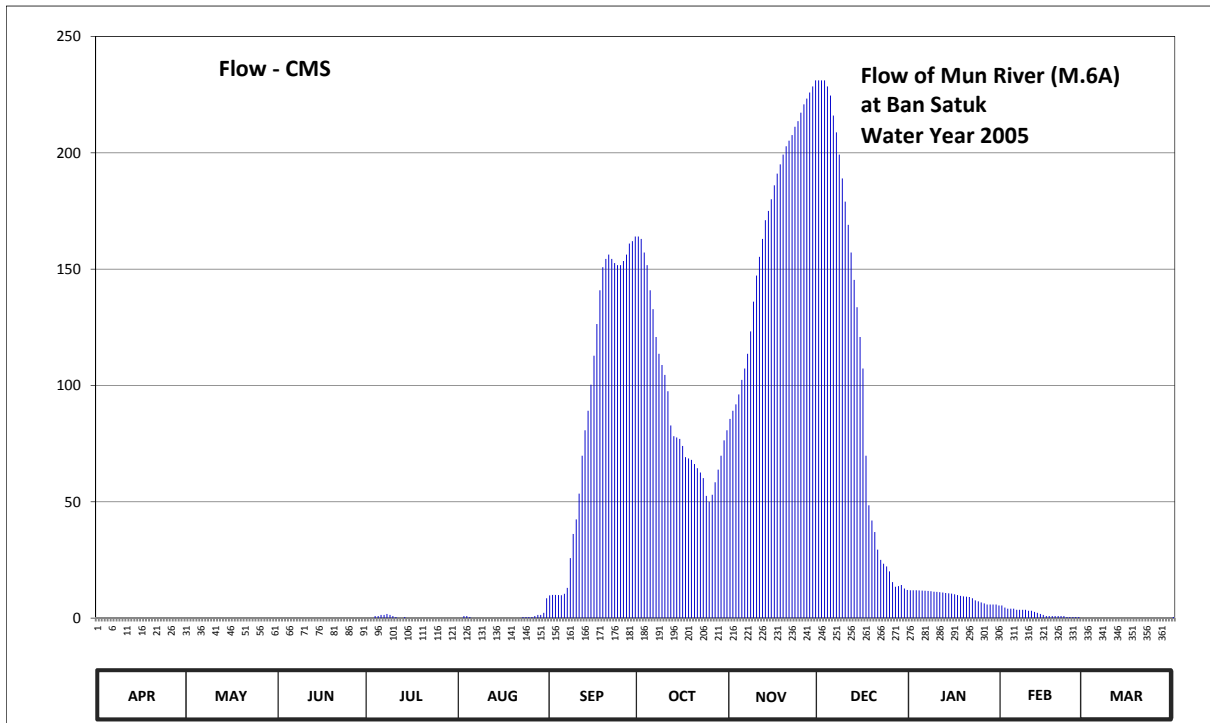
Lat 15 - 17 - 53 N Long 103 - 17 - 46 E

Location : on right bank at Satuk.

	Ban Satuk	Amphoe Satuk	Changwat Buri Ram
Drainage Area	28,458 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+124.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+133.558 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1964 to date		
Rating Operation			
Period of Rating	1976 to date		
Rated by Flot	-		
Rated by Current Meter	1976 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Ban Hua Saphan weir situated about 30 Kilometers above gage site and Non Kho weir situated about 10 kilometers downstream from the gage sit. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.70	123.63	123.61	123.72	123.76	124.11	127.16	126.18	127.77	124.44	123.92	123.80	
2	123.76	123.63	123.61	123.73	123.80	124.15	127.15	126.23	127.77	124.44	123.90	123.80	
3	123.76	123.63	123.61	123.73	123.82	124.15	127.09	126.27	127.77	124.44	123.89	123.79	
4	123.75	123.62	123.62	123.82	123.82	124.13	127.03	126.33	127.75	124.43	123.89	123.78	
5	123.75	123.62	123.63	123.82	123.81	124.12	126.91	126.42	127.72	124.42	123.89	123.77	
6	123.75	123.60	123.67	123.83	123.79	124.22	126.81	126.49	127.65	124.41	123.88	123.77	
7	123.75	123.58	123.71	123.83	123.78	124.60	126.66	126.57	127.59	124.40	123.88	123.77	
8	123.74	123.59	123.76	123.84	123.77	125.02	126.57	126.69	127.51	124.38	123.88	123.76	
9	123.74	123.60	123.78	123.83	123.76	125.28	126.51	126.85	127.41	124.35	123.88	123.76	
10	123.73	123.59	123.78	123.82	123.75	125.42	126.45	126.98	127.31	124.34	123.87	123.75	
11	123.73	123.58	123.77	123.81	123.75	125.65	126.35	127.07	127.21	124.32	123.87	123.75	
12	123.73	123.61	123.74	123.80	123.73	125.93	126.14	127.15	127.09	124.30	123.86	123.74	
13	123.79	123.60	123.73	123.80	123.73	126.11	126.07	127.23	126.96	124.27	123.85	123.74	
14	123.79	123.62	123.71	123.81	123.72	126.23	126.06	127.27	126.82	124.25	123.84	123.74	
15	123.78	123.63	123.70	123.79	123.71	126.39	126.05	127.32	126.66	124.23	123.83	123.74	
16	123.77	123.66	123.69	123.77	123.70	126.56	126.00	127.38	126.49	124.19	123.82	123.75	
17	123.75	123.68	123.71	123.76	123.70	126.73	125.92	127.43	125.93	124.13	123.82	123.75	
18	123.74	123.68	123.69	123.75	123.73	126.91	125.91	127.47	125.55	124.08	123.82	123.74	
19	123.73	123.67	123.69	123.75	123.76	127.02	125.90	127.51	125.41	124.05	123.82	123.73	
20	123.72	123.67	123.67	123.75	123.76	127.06	125.87	127.54	125.30	124.03	123.82	123.73	
21	123.72	123.68	123.66	123.75	123.77	127.08	125.84	127.56	125.11	124.01	123.82	123.72	
22	123.71	123.68	123.65	123.73	123.79	127.06	125.81	127.58	125.00	123.99	123.82	123.72	
23	123.70	123.68	123.65	123.74	123.81	127.04	125.77	127.61	124.96	123.97	123.81	123.72	
24	123.70	123.66	123.65	123.76	123.81	127.03	125.63	127.63	124.93	123.96	123.81	123.72	
25	123.68	123.65	123.67	123.76	123.81	127.03	125.58	127.66	124.87	123.95	123.81	123.71	
26	123.67	123.65	123.68	123.76	123.81	127.05	125.64	127.69	124.70	123.94	123.81	123.70	
27	123.66	123.64	123.69	123.77	123.82	127.08	125.74	127.71	124.62	123.93	123.81	123.70	
28	123.66	123.63	123.71	123.77	123.83	127.13	125.83	127.73	124.63	123.93	123.80	123.70	
29	123.65	123.63	123.72	123.77	123.83	127.14	125.93	127.75	124.65	123.93		123.70	
30	123.64	123.62	123.72	123.76	123.85	127.16	126.04	127.77	124.56	123.93		123.74	
31		123.62		123.75	123.99		126.11		124.47	123.92		123.81	
Mean	123.72	123.63	123.69	123.78	123.78	126.02	126.21	127.17	126.20	124.17	123.85	123.75	
Max	123.79	123.68	123.78	123.84	123.99	127.16	127.16	127.77	127.77	124.44	123.92	123.81	127.77
Min	123.64	123.58	123.61	123.72	123.70	124.11	125.58	126.18	124.47	123.92	123.80	123.70	123.58
Annual Max Momentary Gage Height	127.77		m. (MSL.) ,			at 06.00 Hours ,		on Nov 30 , 2005					
Zero Gage at Bottom Elevation	124.00		m. (MSL.) ,			River Bed	121.04	m. (MSL.)					
Left Bank Elevation		129.63		m. (MSL.) ,									
Right Bank Elevation		132.14		m. (MSL.) ,		Drainage Are	28,458	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	9.73	164.00	85.60	231.10	11.93	5.40	0.00	
2	0.00	0.00	0.00	0.00	0.00	10.00	163.00	89.10	231.10	11.93	4.50	0.00	
3	0.00	0.00	0.00	0.00	0.90	10.00	157.10	91.90	231.10	11.93	4.05	0.00	
4	0.00	0.00	0.00	0.90	0.90	9.87	151.70	96.10	228.50	11.87	4.05	0.00	
5	0.00	0.00	0.00	0.90	0.45	9.80	140.90	102.40	224.60	11.80	4.05	0.00	
6	0.00	0.00	0.00	1.35	0.00	10.47	132.80	107.30	216.00	11.73	3.60	0.00	
7	0.00	0.00	0.00	1.35	0.00	13.00	120.80	113.60	208.80	11.67	3.60	0.00	
8	0.00	0.00	0.00	1.80	0.00	25.80	113.60	123.20	199.20	11.53	3.60	0.00	
9	0.00	0.00	0.00	1.35	0.00	36.20	108.80	136.00	189.00	11.33	3.60	0.00	
10	0.00	0.00	0.00	0.90	0.00	42.40	104.50	147.20	179.00	11.27	3.15	0.00	
11	0.00	0.00	0.00	0.45	0.00	53.50	97.50	155.30	169.00	11.13	3.15	0.00	
12	0.00	0.00	0.00	0.00	0.00	69.80	82.80	163.00	157.10	11.00	2.70	0.00	
13	0.00	0.00	0.00	0.00	0.00	80.70	78.20	171.00	145.40	10.80	2.25	0.00	
14	0.00	0.00	0.00	0.45	0.00	89.10	77.60	175.00	133.60	10.67	1.80	0.00	
15	0.00	0.00	0.00	0.00	0.00	100.30	77.00	180.00	120.80	10.53	1.35	0.00	
16	0.00	0.00	0.00	0.00	0.00	112.80	74.00	186.00	107.30	10.27	0.90	0.00	
17	0.00	0.00	0.00	0.00	0.00	126.40	69.20	191.00	69.80	9.87	0.90	0.00	
18	0.00	0.00	0.00	0.00	0.00	140.90	68.60	195.00	48.50	9.53	0.90	0.00	
19	0.00	0.00	0.00	0.00	0.00	150.80	68.00	199.20	41.95	9.33	0.90	0.00	
20	0.00	0.00	0.00	0.00	0.00	154.40	66.20	202.80	37.00	9.20	0.90	0.00	
21	0.00	0.00	0.00	0.00	0.00	156.20	64.40	205.20	29.40	9.07	0.90	0.00	
22	0.00	0.00	0.00	0.00	0.00	154.40	62.60	207.60	25.00	8.55	0.90	0.00	
23	0.00	0.00	0.00	0.00	0.45	152.60	60.20	211.20	23.40	7.65	0.45	0.00	
24	0.00	0.00	0.00	0.00	0.45	151.70	52.50	213.60	22.20	7.20	0.45	0.00	
25	0.00	0.00	0.00	0.00	0.45	151.70	50.00	217.20	20.10	6.75	0.45	0.00	
26	0.00	0.00	0.00	0.00	0.45	153.50	53.00	220.80	15.50	6.30	0.45	0.00	
27	0.00	0.00	0.00	0.00	0.90	156.20	58.40	223.30	13.50	5.85	0.45	0.00	
28	0.00	0.00	0.00	0.00	1.35	161.00	63.80	225.90	13.75	5.85	0.00	0.00	
29	0.00	0.00	0.00	0.00	1.35	162.00	69.80	228.50	14.25	5.85	0.00	0.00	
30	0.00	0.00	0.00	0.00	2.25	164.00	76.40	231.10	12.73	5.85	0.00	0.00	
31	0.00	0.00	0.00	0.00	8.55		80.70		12.13	5.40		0.45	
Total	0.00	0.00	0.00	9.45	18.45	2819.27	2808.10	5095.10	3370.81	293.64	59.40	0.45	14474.67 CMSDAY
Mean	0.00	0.00	0.00	0.30	0.60	93.98	90.58	169.84	108.74	9.47	2.12	0.01	39.66 CMS
Max	0.00	0.00	0.00	1.80	8.55	164.00	164.00	231.10	231.10	11.93	5.40	0.45	231.10 CMS
Min	0.00	0.00	0.00	0.00	0.00	9.73	50.00	85.60	12.13	5.40	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.82	1.59	243.59	242.62	440.22	291.24	25.37	5.13	0.04	1250.61 MCM
Momentary Peak	231.10	CMS. at 127.77 m. (MSL.) at 06.00 Hours , on Nov 30 , 2005											
Runoff Yield	1.39	Liters/Second/Square KM. Momentary Peak Yield 8.121 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Mun River at Ban Chumchondeengam, Ubon Ratchathani (M.7)

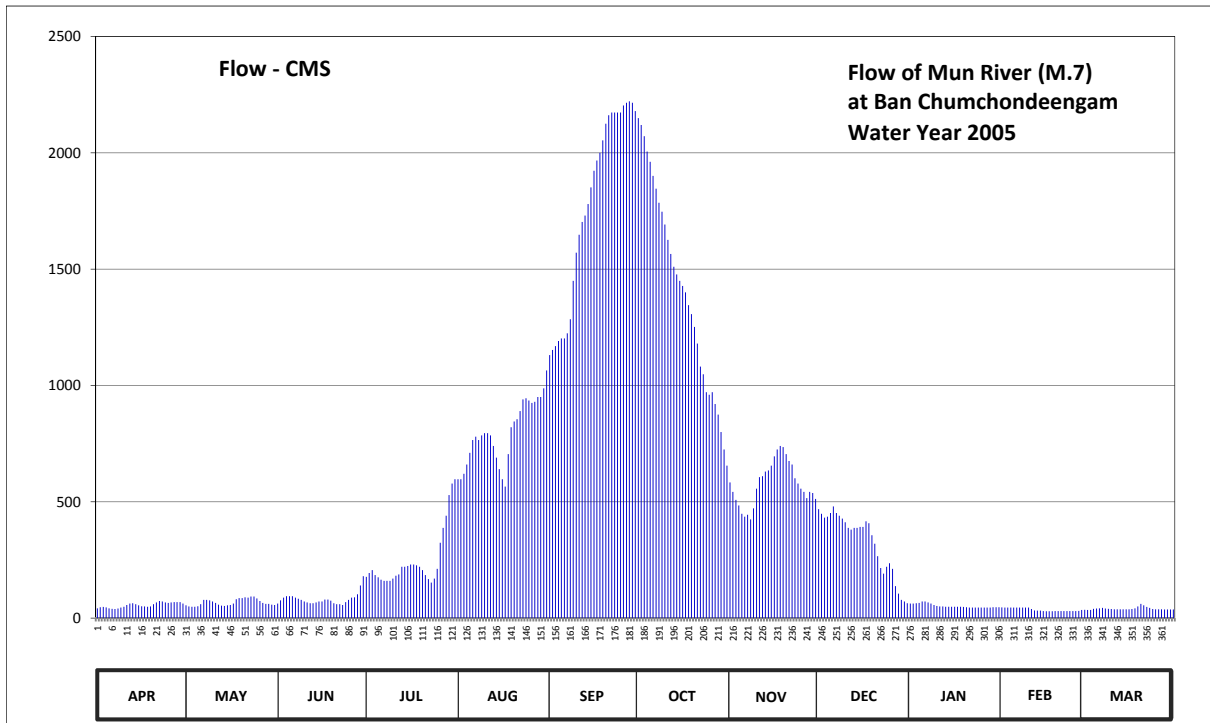
Lat 15 - 13 - 15 N Long 104 - 51 - 41 E

Location : on left bank at Seri Prachathipatai Bridge.

	Ban	Chumchondeengam	Amphoe	Warin Chamrap	Changwat	Ubon Ratchathani
Drainage Area	107,345 sq.km.					
Type of Gage	Staff gage.					
Zero Gage at Bottom	+105.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of 200 years Krung Ratanakosin Bridge Elevation +117.645 m. (MSL.)					
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1944 to date					
Rating Operation						
Period of Rating	1956 - 1958, 1964 - 1981, 1983 to date					
Rated by Flot	-					
Rated by Current Meter	1956 - 1958, 1964 - 1981, 1983 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +111.310 m.(M.S.L.) and is including overbank flow.					
General Description	Records very good. Pak Mun barrage situated about 90 kilometers downstream from the gage site. Stage-discharge relation defined by 61 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	106.50	106.62	106.67	107.27	108.37	109.41	111.24	108.34	108.07	106.67	106.54	106.44	
2	106.55	106.58	106.76	107.33	108.37	109.45	111.19	108.25	108.02	106.67	106.53	106.43	
3	106.56	106.57	106.83	107.37	108.42	109.48	111.11	108.17	107.98	106.68	106.53	106.43	
4	106.54	106.57	106.87	107.30	108.50	109.52	111.00	108.11	107.99	106.69	106.53	106.48	
5	106.50	106.59	106.87	107.26	108.60	109.54	110.92	108.02	108.03	106.73	106.53	106.49	
6	106.48	106.65	106.87	107.22	108.71	109.54	110.81	107.99	108.10	106.73	106.53	106.50	
7	106.47	106.77	106.83	107.20	108.74	109.58	110.71	108.01	108.03	106.70	106.53	106.52	
8	106.49	106.77	106.80	107.20	108.71	109.69	110.60	107.96	108.00	106.67	106.53	106.49	
9	106.53	106.76	106.77	107.20	108.75	109.99	110.53	108.08	107.97	106.63	106.53	106.48	
10	106.57	106.73	106.73	107.24	108.77	110.21	110.43	108.28	107.93	106.60	106.53	106.47	
11	106.63	106.69	106.70	107.29	108.77	110.35	110.31	108.39	107.87	106.58	106.47	106.46	
12	106.67	106.64	106.68	107.31	108.75	110.45	110.20	108.40	107.85	106.58	106.41	106.46	
13	106.68	106.61	106.68	107.42	108.66	110.50	110.10	108.44	107.87	106.57	106.40	106.46	
14	106.65	106.60	106.70	107.42	108.56	110.59	110.04	108.45	107.87	106.57	106.40	106.46	
15	106.62	106.62	106.73	107.43	108.46	110.72	109.99	108.49	107.88	106.57	106.38	106.46	
16	106.59	106.63	106.73	107.45	108.37	110.85	109.95	108.57	107.88	106.57	106.37	106.46	
17	106.58	106.67	106.78	107.45	108.30	110.93	109.90	108.63	107.94	106.57	106.37	106.47	
18	106.57	106.79	106.78	107.44	108.59	110.99	109.80	108.66	107.92	106.57	106.37	106.50	
19	106.58	106.82	106.75	107.42	108.82	111.08	109.73	108.65	107.79	106.56	106.38	106.58	
20	106.65	106.82	106.68	107.37	108.87	111.20	109.63	108.59	107.70	106.55	106.38	106.66	
21	106.70	106.84	106.65	107.30	108.89	111.26	109.50	108.53	107.56	106.53	106.38	106.62	
22	106.74	106.83	106.65	107.23	108.96	111.28	109.32	108.50	107.40	106.53	106.38	106.56	
23	106.73	106.86	106.63	107.17	109.06	111.28	109.26	108.38	107.32	106.53	106.38	106.52	
24	106.70	106.86	106.71	107.24	109.07	111.28	109.12	108.33	107.42	106.53	106.38	106.47	
25	106.69	106.81	106.77	107.39	109.05	111.28	109.10	108.28	107.47	106.53	106.38	106.46	
26	106.70	106.74	106.83	107.71	109.03	111.33	109.12	108.25	107.39	106.53	106.38	106.46	
27	106.71	106.69	106.84	107.87	109.04	111.35	109.02	108.19	107.11	106.53	106.39	106.46	
28	106.71	106.66	106.92	108.00	109.08	111.36	108.93	108.25	106.94	106.53	106.43	106.45	
29	106.71	106.66	107.12	108.22	109.08	111.35	108.78	108.24	106.77	106.55		106.45	
30	106.67	106.64	107.28	108.33	109.15	111.29	108.63	108.18	106.73	106.55		106.45	
31		106.63		108.37	109.29		108.49		106.68	106.55		106.45	
Mean	106.62	106.70	106.79	107.47	108.77	110.57	109.92	108.32	107.66	106.59	106.44	106.49	
Max	106.74	106.86	107.28	108.37	109.29	111.36	111.24	108.66	108.10	106.73	106.54	106.66	111.36
Min	106.47	106.57	106.63	107.17	108.30	109.41	108.49	107.96	106.68	106.53	106.37	106.43	106.37
Annual Max Momentary Gage Height	111.36		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	105.00		m. (MSL.) ,			River Bed	100.87	m. (MSL.)					
Left Bank Elevation	115.94		m. (MSL.) ,										
Right Bank Elevation	111.30		m. (MSL.) ,			Drainage Are	107,345	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	42.00	55.00	62.50	177.50	596.50	1130.50	2149.00	583.00	468.00	62.50	46.00	36.00		
2	47.00	50.00	76.60	194.00	596.50	1152.50	2119.00	542.50	448.00	62.50	45.00	35.00		
3	48.00	49.00	87.80	206.00	620.00	1169.00	2071.00	508.00	432.00	64.00	45.00	35.00		
4	46.00	49.00	94.20	185.00	660.00	1191.00	2005.00	484.00	436.00	65.50	45.00	40.00		
5	42.00	51.00	94.20	175.00	710.00	1202.00	1961.00	448.00	452.00	71.80	45.00	41.00		
6	40.00	59.50	94.20	165.00	765.00	1202.00	1900.50	436.00	480.00	71.80	45.00	42.00		
7	39.00	78.20	87.80	160.00	780.00	1224.00	1845.50	444.00	452.00	67.00	45.00	44.00		
8	41.00	78.20	83.00	160.00	765.00	1284.50	1785.00	424.00	440.00	62.50	45.00	41.00		
9	45.00	76.60	78.20	160.00	785.00	1449.50	1746.50	472.00	428.00	56.50	45.00	40.00		
10	49.00	71.80	71.80	170.00	795.00	1570.50	1691.50	556.00	412.00	52.00	45.00	39.00		
11	56.50	65.50	67.00	182.50	795.00	1647.50	1625.50	605.50	388.00	50.00	39.00	38.00		
12	62.50	58.00	64.00	188.00	785.00	1702.50	1565.00	610.00	380.00	50.00	33.00	38.00		
13	64.00	53.50	64.00	221.00	740.00	1730.00	1510.00	630.00	388.00	49.00	32.00	38.00		
14	59.50	52.00	67.00	221.00	690.00	1779.50	1477.00	635.00	388.00	49.00	32.00	38.00		
15	55.00	55.00	71.80	224.00	640.00	1851.00	1449.50	655.00	392.00	49.00	30.40	38.00		
16	51.00	56.50	71.80	230.00	596.50	1922.50	1427.50	695.00	392.00	49.00	29.60	38.00		
17	50.00	62.50	79.80	230.00	565.00	1966.50	1400.00	725.00	416.00	49.00	29.60	39.00		
18	49.00	81.40	79.80	227.00	705.00	1999.50	1345.00	740.00	408.00	49.00	29.60	42.00		
19	50.00	86.20	75.00	221.00	820.00	2053.00	1306.50	735.00	356.00	48.00	30.40	50.00		
20	59.50	86.20	64.00	206.00	845.00	2125.00	1251.50	705.00	320.00	47.00	30.40	61.00		
21	67.00	89.40	59.50	185.00	855.00	2161.00	1180.00	675.00	266.00	45.00	30.40	55.00		
22	73.40	87.80	59.50	167.50	890.00	2173.00	1081.00	660.00	215.00	45.00	30.40	48.00		
23	71.80	92.60	56.50	152.50	940.00	2173.00	1048.00	601.00	191.00	45.00	30.40	44.00		
24	67.00	92.60	68.60	170.00	945.00	2173.00	971.00	578.50	221.00	45.00	30.40	39.00		
25	65.50	84.60	78.20	212.00	935.00	2173.00	960.00	556.00	236.00	45.00	30.40	38.00		
26	67.00	73.40	87.80	324.00	925.00	2203.00	971.00	542.50	212.00	45.00	30.40	38.00		
27	68.60	65.50	89.40	388.00	930.00	2215.00	920.00	516.00	137.50	45.00	31.20	38.00		
28	68.60	61.00	102.20	440.00	950.00	2221.00	875.00	542.50	105.40	45.00	35.00	37.00		
29	68.60	61.00	140.00	529.00	950.00	2215.00	800.00	538.00	78.20	47.00		37.00		
30	62.50	58.00	180.00	578.50	987.50	2179.00	725.00	512.00	71.80	47.00		37.00		
31		56.50		596.50	1064.50		655.00		64.00	47.00		37.00		
Total	1676.00	2097.50	2456.20	7646.00	24626.50	53238.50	43817.50	17354.50	10073.90	1626.10	1015.60	1261.00	166889.30	CMSDAY
Mean	55.90	67.70	81.90	246.60	794.40	1774.60	1413.50	578.50	325.00	52.50	36.30	40.70	457.20	CMS
Max	73.40	92.60	180.00	596.50	1064.50	2221.00	2149.00	740.00	480.00	71.80	46.00	61.00	2221.00	CMS
Min	39.00	49.00	56.50	152.50	565.00	1130.50	655.00	424.00	64.00	45.00	29.60	35.00	29.60	CMS
Runoff	144.81	181.22	212.22	660.61	2127.73	4599.81	3785.83	1499.43	870.39	140.50	87.75	108.95	14419.24	MCM
Momentary Peak	2221.00 CMS. at 111.36 m. (MSL.) at 06.00 Hours , on Sep 28 , 2005													
Runoff Yield	4.26 Liters/Second/Square KM.			Momentary Peak Yield				20.690 Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Lam Plai Mat at Lam Plai Mat, Buri Ram (M.8)

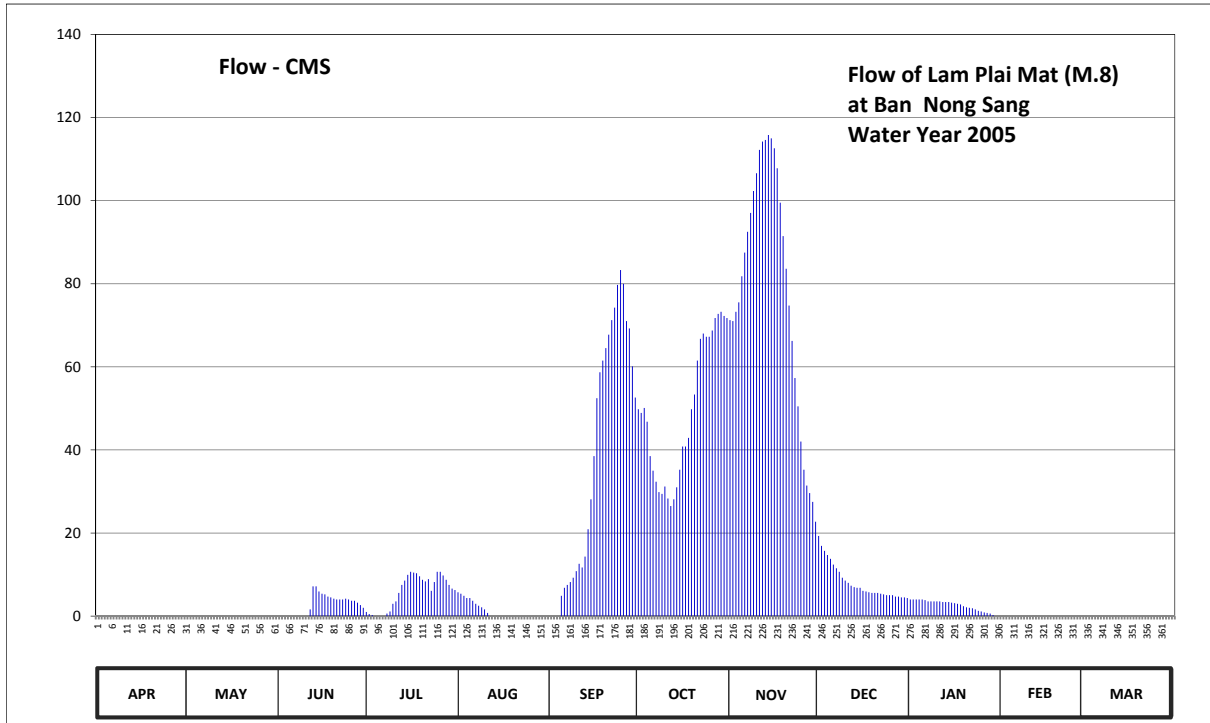
Lat 15 - 01 - 05 N Long 102 - 48 - 54 E

Location : on left bank about 60 meters upstream from the railway bridge.

	Ban Nong Sang	Amphoe	Lam Plai Mat	Changwat	Buri Ram
Drainage Area	4,935	sq.km.			
Type of Gage	Staff gage.				
Zero Gage at Bottom	+149.500 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On left bank near the automatic gage building.			Elevation	+155.859 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1951 to date				
Rating Operation					
Period of Rating	1967, 1998 to date.				
Rated by Flot	-				
Rated by Current Meter	1967, 1998 to date.				
Stability of Channel Regimes	Stable.				
Overbank Flow Conditions	Overbank flow starts at elevation +155.670 m.(M.S.L) and is including verbank flow.				
General Description	Records very good. Ban Don Thamung weir situated about 500 meters downstream from the gage site. Stage-discharge relation defined by 29 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	150.08	150.14	150.24	151.48	151.80	150.84	153.83	154.97	152.54	151.70	151.35	150.88	
2	150.08	150.17	150.24	151.44	151.78	150.93	153.78	154.96	152.42	151.70	151.34	150.86	
3	150.08	150.14	150.24	151.42	151.75	150.97	153.86	155.05	152.36	151.70	151.32	150.82	
4	150.08	150.13	150.24	151.40	151.72	151.27	153.71	155.14	152.31	151.70	151.30	150.81	
5	150.08	150.13	150.24	151.37	151.72	151.75	153.42	155.36	152.26	151.70	151.28	150.81	
6	150.07	150.13	150.23	151.35	151.68	151.86	153.28	155.55	152.18	151.69	151.27	150.80	
7	150.07	150.13	150.23	151.36	151.63	151.90	153.17	155.70	152.13	151.67	151.26	150.79	
8	150.07	150.13	150.23	151.45	151.60	151.94	153.06	155.83	152.08	151.67	151.23	150.76	
9	150.07	150.13	150.23	151.49	151.57	152.00	153.04	155.98	152.00	151.67	151.20	150.74	
10	150.07	150.12	150.23	151.63	151.53	152.09	153.12	156.09	151.96	151.67	151.17	150.73	
11	150.06	150.12	150.97	151.67	151.46	152.19	152.99	156.23	151.93	151.67	151.13	150.71	
12	150.06	150.09	151.53	151.79	151.37	152.14	152.90	156.28	151.89	151.66	151.11	150.71	
13	150.05	150.09	151.88	151.90	151.29	152.29	152.98	156.29	151.87	151.66	151.10	150.70	
14	150.05	150.12	151.88	151.96	151.19	152.62	153.11	156.32	151.86	151.66	151.09	150.70	
15	150.04	150.13	151.81	152.04	151.10	152.98	153.29	156.30	151.86	151.65	151.06	150.70	
16	150.10	150.13	151.78	152.08	150.96	153.42	153.51	156.24	151.82	151.64	151.05	150.69	
17	150.09	150.13	151.77	152.07	150.78	154.03	153.51	156.12	151.81	151.63	151.04	150.68	
18	150.09	150.12	151.74	152.06	150.60	154.41	153.58	155.90	151.80	151.62	151.04	150.66	
19	150.08	150.12	151.73	152.02	150.42	154.55	153.83	155.67	151.79	151.59	151.01	150.59	
20	150.09	150.12	151.71	151.97	150.27	154.70	154.09	155.42	151.79	151.57	150.99	150.58	
21	150.09	150.13	151.70	151.95	150.16	154.83	154.55	155.11	151.79	151.56	150.99	150.53	
22	150.09	150.15	151.70	151.98	150.41	154.97	154.79	154.77	151.78	151.55	150.98	150.48	
23	150.10	150.22	151.70	151.82	150.41	155.09	154.84	154.34	151.77	151.53	150.98	150.46	
24	150.11	150.19	151.71	151.94	150.38	155.29	154.81	153.90	151.76	151.50	150.97	150.43	
25	150.13	150.19	151.70	152.08	150.32	155.41	154.81	153.55	151.76	151.49	150.94	150.37	
26	150.15	150.21	151.68	152.08	150.24	155.30	154.87	153.29	151.76	151.47	150.92	150.29	
27	150.16	150.20	151.68	152.03	150.21	154.96	154.99	153.13	151.74	151.46	150.91	150.27	
28	150.20	150.20	151.65	151.97	150.26	154.89	155.03	153.05	151.74	151.45	150.90	150.26	
29	150.17	150.20	151.61	151.90	150.45	154.48	155.05	152.95	151.73	151.42		150.23	
30	150.15	150.22	151.56	151.85	150.43	154.04	155.01	152.71	151.73	151.40		150.21	
31		150.21		151.83	150.58		154.99		151.72	151.37		150.24	
Mean	150.09	150.15	151.19	151.79	150.97	153.27	153.93	155.07	151.93	151.59	151.10	150.60	
Max	150.20	150.22	151.88	152.08	151.80	155.41	155.05	156.32	152.54	151.70	151.35	150.88	156.32
Min	150.04	150.09	150.23	151.35	150.16	150.84	152.90	152.71	151.72	151.37	150.90	150.21	150.04
Annual Max Momentary Gage Height	156.32		m. (MSL.) ,										at 01.00 Hours , on Nov 14 , 2005
Zero Gage at Bottom Elevation	149.50		m. (MSL.) ,			River Bed	149.49		m. (MSL.)				
Left Bank Elevation		155.66		m. (MSL.) ,									
Right Bank Elevation		156.65		m. (MSL.) ,		Drainage Are	4,935		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	1.00	5.75	0.00	49.80	71.25	19.30	4.00	0.00	0.00	
2	0.00	0.00	0.00	0.50	5.40	0.00	48.90	71.00	16.90	4.00	0.00	0.00	
3	0.00	0.00	0.00	0.25	4.88	0.00	50.10	73.25	15.70	4.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	4.35	0.00	46.80	75.50	14.70	4.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	4.35	4.88	38.50	81.80	13.80	4.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	3.70	6.80	35.00	87.50	12.40	3.85	0.00	0.00	
7	0.00	0.00	0.00	0.00	2.95	7.50	32.33	92.50	11.53	3.55	0.00	0.00	
8	0.00	0.00	0.00	0.63	2.50	8.20	29.85	97.05	10.65	3.55	0.00	0.00	
9	0.00	0.00	0.00	1.13	2.13	9.25	29.40	102.30	9.25	3.55	0.00	0.00	
10	0.00	0.00	0.00	2.95	1.62	10.82	31.20	106.60	8.55	3.55	0.00	0.00	
11	0.00	0.00	0.00	3.55	0.75	12.58	28.30	112.20	8.02	3.55	0.00	0.00	
12	0.00	0.00	1.62	5.57	0.00	11.70	26.50	114.20	7.33	3.40	0.00	0.00	
13	0.00	0.00	7.15	7.50	0.00	14.32	28.10	114.60	6.97	3.40	0.00	0.00	
14	0.00	0.00	7.15	8.55	0.00	20.90	30.98	115.80	6.80	3.40	0.00	0.00	
15	0.00	0.00	5.92	9.95	0.00	28.10	35.25	115.00	6.80	3.25	0.00	0.00	
16	0.00	0.00	5.40	10.65	0.00	38.50	40.80	112.60	6.10	3.10	0.00	0.00	
17	0.00	0.00	5.23	10.48	0.00	52.45	40.80	107.80	5.92	2.95	0.00	0.00	
18	0.00	0.00	4.70	10.30	0.00	58.70	42.90	99.50	5.75	2.80	0.00	0.00	
19	0.00	0.00	4.52	9.60	0.00	61.50	49.80	91.45	5.57	2.37	0.00	0.00	
20	0.00	0.00	4.18	8.73	0.00	64.50	53.35	83.60	5.57	2.13	0.00	0.00	
21	0.00	0.00	4.00	8.37	0.00	67.75	61.50	74.75	5.57	2.00	0.00	0.00	
22	0.00	0.00	4.00	8.90	0.00	71.25	66.75	66.25	5.40	1.88	0.00	0.00	
23	0.00	0.00	4.00	6.10	0.00	74.25	68.00	57.30	5.23	1.62	0.00	0.00	
24	0.00	0.00	4.18	8.20	0.00	79.70	67.25	50.50	5.05	1.25	0.00	0.00	
25	0.00	0.00	4.00	10.65	0.00	83.30	67.25	42.00	5.05	1.13	0.00	0.00	
26	0.00	0.00	3.70	10.65	0.00	80.00	68.75	35.25	5.05	0.88	0.00	0.00	
27	0.00	0.00	3.70	9.77	0.00	71.00	71.75	31.43	4.70	0.75	0.00	0.00	
28	0.00	0.00	3.25	8.73	0.00	69.25	72.75	29.63	4.70	0.63	0.00	0.00	
29	0.00	0.00	2.65	7.50	0.00	60.10	73.25	27.50	4.52	0.25	0.00	0.00	
30	0.00	0.00	2.00	6.63	0.00	52.60	72.25	22.70	4.52	0.00	0.00	0.00	
31	0.00	0.00		6.28	0.00		71.75		4.35	0.00	0.00	0.00	
Total	0.00	0.00	81.35	183.12	38.38	1119.90	1529.91	2362.81	251.75	78.79	0.00	0.00	5646.01 CMSDAY
Mean	0.00	0.00	2.71	5.91	1.24	37.33	49.35	78.76	8.12	2.54	0.00	0.00	15.47 CMS
Max	0.00	0.00	7.15	10.65	5.75	83.30	73.25	115.80	19.30	4.00	0.00	0.00	115.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	26.50	22.70	4.35	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	7.03	15.82	3.32	96.76	132.18	204.15	21.75	6.81	0.00	0.00	487.82 MCM
Momentary Peak	115.80	CMS.	at 156.32 m. (MSL.)	at 01.00 Hours	, on Nov 14, 2005								
Runoff Yield	3.13	Liters/Second/Square KM.		Momentary Peak Yield	23.465	Liters/Second/Square KM.							

WATER YEAR : 2005

MUN RIVER BASIN

Huai Samran at Ban Nongyaplom, Si Sa ket (M.9)

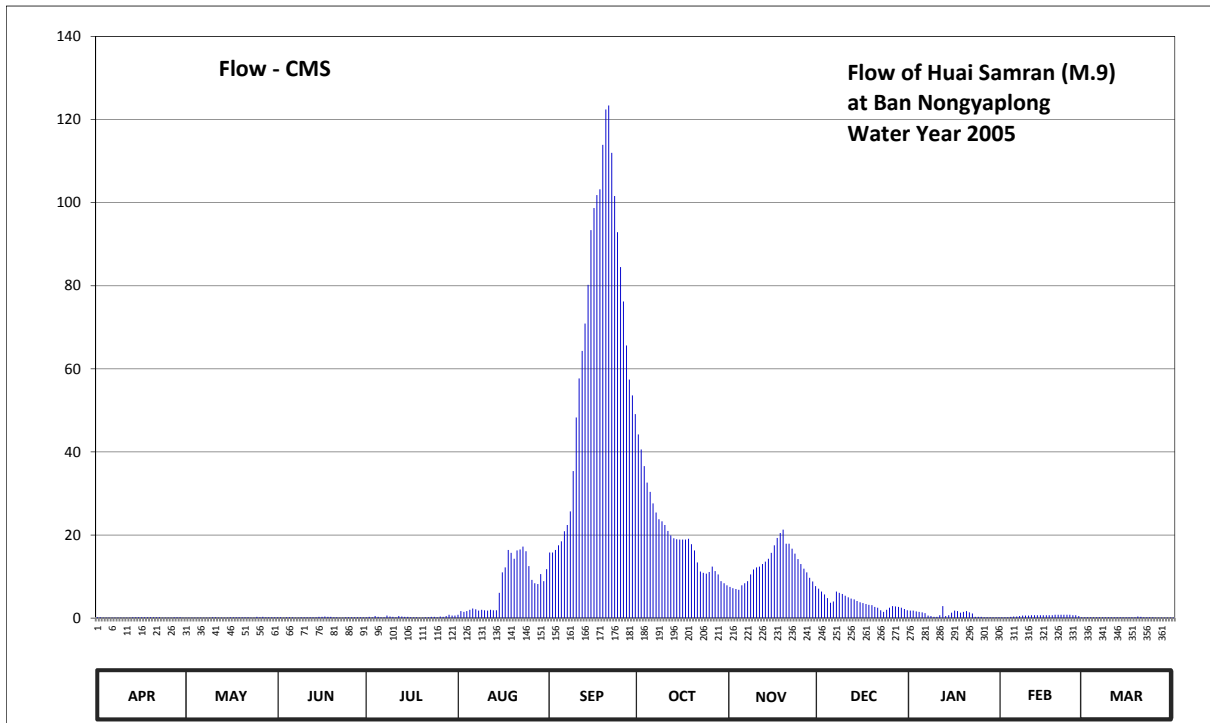
Lat 15 - 06 - 58 N Long 104 - 19 - 21 E

Location : on right bank at the bridge on Highway.

	Ban	Nongyaplom	Amphoe	Mueang	Changwat	Si Sa Ket
Drainage Area	2,988	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+109.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the top staff gage.				Elevation	+122.055 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1954 to date					
Rating Operation						
Period of Rating	1954, 1972 - 1981, 1987 to date					
Rated by Flot	-					
Rated by Current Meter	1954, 1972 - 1981, 1987 to date					
Stability of Channel Regimes	Stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. The Water Supply weir situated above gage site. Stage-discharge relation defined by 85 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	108.98	108.95	108.96	108.99	109.26	111.54	114.32	110.67	110.58	109.52	108.99	109.01	
2	108.96	108.95	109.00	109.06	109.50	111.54	114.14	110.61	110.44	109.52	109.01	109.00	
3	108.94	108.95	108.95	109.02	109.45	111.59	113.94	110.55	110.29	109.48	109.01	109.00	
4	108.93	108.95	108.96	109.15	109.49	111.68	113.74	110.53	110.12	109.46	109.07	108.99	
5	108.93	108.94	108.96	109.04	109.55	111.77	113.62	110.73	109.90	109.42	109.09	108.98	
6	108.94	108.94	108.96	109.01	109.62	111.97	113.43	110.84	109.96	109.38	109.12	108.97	
7	108.95	108.94	108.95	109.00	109.58	112.09	113.24	110.94	110.45	109.18	109.15	108.96	
8	108.94	108.94	108.95	109.19	109.51	112.33	113.08	111.10	110.38	109.13	109.18	108.96	
9	108.94	108.95	108.96	109.08	109.56	112.84	113.02	111.20	110.32	109.06	109.20	108.96	
10	108.94	108.96	108.97	109.03	109.54	113.39	112.88	111.24	110.24	109.06	109.21	108.96	
11	108.94	108.96	108.96	108.99	109.53	113.77	112.66	111.26	110.15	109.23	109.23	108.96	
12	108.95	108.95	108.96	109.14	109.56	114.03	112.49	111.31	110.10	109.73	109.24	108.96	
13	108.96	108.95	108.96	109.08	109.54	114.28	112.35	111.36	110.06	109.13	109.24	108.96	
14	108.96	108.95	108.96	109.03	109.54	114.59	112.23	111.42	109.97	109.22	109.23	108.96	
15	108.96	108.95	109.03	109.04	110.39	115.03	112.13	111.53	109.93	109.41	109.23	108.96	
16	108.96	108.96	109.07	109.02	111.14	115.19	112.04	111.68	109.87	109.52	109.24	108.96	
17	108.96	108.96	109.09	109.01	111.24	115.28	111.95	111.83	109.83	109.49	109.24	108.96	
18	108.99	108.96	109.05	109.00	111.59	115.32	111.82	111.93	109.79	109.41	109.24	109.01	
19	108.97	108.96	109.05	108.95	111.53	115.62	111.71	112.00	109.78	109.45	109.25	109.08	
20	108.96	108.96	109.02	108.95	111.42	115.81	111.58	111.72	109.71	109.50	109.25	109.05	
21	108.96	108.96	108.97	108.97	111.58	115.83	111.34	111.72	109.66	109.43	109.25	109.00	
22	108.96	108.96	108.95	108.97	111.60	115.75	111.16	111.62	109.54	109.35	109.25	108.99	
23	108.95	108.95	108.95	109.03	111.66	115.62	111.13	111.52	109.46	109.06	109.25	108.97	
24	108.95	108.95	108.97	109.05	111.57	115.47	111.12	111.41	109.56	109.04	109.25	108.96	
25	108.95	109.03	108.97	109.02	111.27	115.30	111.15	111.31	109.66	109.03	109.24	108.95	
26	108.95	109.00	108.97	109.08	110.99	115.12	111.26	111.22	109.73	108.99	109.24	108.95	
27	108.97	109.05	108.99	109.07	110.84	114.89	111.17	111.14	109.72	108.99	109.14	108.95	
28	108.97	109.00	108.98	109.14	110.80	114.71	111.10	111.03	109.70	108.98	108.97	108.94	
29	108.96	108.98	108.96	109.26	111.11	114.61	110.94	110.91	109.67	108.98		108.94	
30	108.95	108.96	108.98	109.19	110.94	114.49	110.83	110.71	109.60	108.99		108.94	
31		108.96		109.20	111.21		110.73		109.54	109.00		108.94	
Mean	108.95	108.96	108.98	109.06	110.46	114.05	112.20	111.23	109.93	109.26	109.18	108.97	
Max	108.99	109.05	109.09	109.26	111.66	115.83	114.32	112.00	110.58	109.73	109.25	109.08	115.83
Min	108.93	108.94	108.95	108.95	109.26	111.54	110.73	110.53	109.46	108.98	108.97	108.94	108.93
Annual Max Momentary Gage Height	115.84		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	109.00		m. (MSL.) ,			River Bed	108.92		m. (MSL.)				
Left Bank Elevation	119.74		m. (MSL.) ,										
Right Bank Elevation	116.67		m. (MSL.) ,			Drainage Are	2,988		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.10	0.20	0.20	0.80	15.80	44.20	7.50	7.10	1.80	0.20	0.20	
2	0.20	0.10	0.20	0.30	1.70	15.80	40.60	7.20	6.40	1.80	0.20	0.20	
3	0.10	0.10	0.10	0.20	1.50	16.40	36.60	7.00	5.70	1.60	0.20	0.20	
4	0.10	0.10	0.20	0.50	1.70	17.50	32.60	6.80	4.80	1.50	0.30	0.20	
5	0.10	0.10	0.20	0.30	2.00	18.50	30.40	7.90	3.70	1.40	0.40	0.20	
6	0.10	0.10	0.20	0.20	2.30	20.90	27.60	8.40	4.00	1.20	0.40	0.20	
7	0.10	0.10	0.10	0.20	2.10	22.40	25.40	8.90	6.40	0.60	0.50	0.20	
8	0.10	0.10	0.10	0.60	1.80	25.70	23.80	10.50	6.10	0.50	0.60	0.20	
9	0.10	0.10	0.20	0.40	2.00	35.40	23.30	11.70	5.80	0.30	0.60	0.20	
10	0.10	0.20	0.20	0.30	1.90	48.30	22.40	12.20	5.40	0.30	0.60	0.20	
11	0.10	0.20	0.20	0.20	1.80	57.70	21.00	12.40	5.00	0.70	0.70	0.20	
12	0.10	0.10	0.20	0.50	2.00	64.30	19.90	13.00	4.70	2.90	0.70	0.20	
13	0.20	0.10	0.20	0.40	1.90	70.90	19.20	13.60	4.50	0.50	0.70	0.20	
14	0.20	0.10	0.20	0.30	1.90	80.20	19.00	14.30	4.10	0.70	0.70	0.20	
15	0.20	0.10	0.30	0.30	6.10	93.40	18.90	15.70	3.80	1.30	0.70	0.20	
16	0.20	0.20	0.30	0.20	11.00	98.70	18.90	17.50	3.60	1.80	0.70	0.20	
17	0.20	0.20	0.40	0.20	12.20	101.80	18.90	19.30	3.40	1.70	0.70	0.20	
18	0.20	0.20	0.30	0.20	16.40	103.20	19.10	20.50	3.20	1.30	0.70	0.20	
19	0.20	0.20	0.30	0.10	15.70	113.90	17.80	21.30	3.10	1.50	0.80	0.40	
20	0.20	0.20	0.20	0.10	14.30	122.40	16.30	17.90	2.70	1.70	0.80	0.30	
21	0.20	0.20	0.20	0.20	16.30	123.40	13.40	17.90	2.50	1.40	0.80	0.20	
22	0.20	0.20	0.10	0.20	16.50	112.00	11.20	16.70	1.90	1.10	0.80	0.20	
23	0.10	0.10	0.10	0.30	17.20	101.60	10.90	15.50	1.50	0.30	0.80	0.20	
24	0.10	0.10	0.20	0.30	16.10	92.90	10.70	14.20	2.00	0.30	0.80	0.20	
25	0.10	0.30	0.20	0.20	12.50	84.50	11.10	13.00	2.50	0.30	0.70	0.10	
26	0.10	0.20	0.20	0.40	9.20	76.20	12.40	11.90	2.90	0.20	0.70	0.10	
27	0.20	0.30	0.20	0.30	8.40	65.60	11.30	11.00	2.80	0.20	0.50	0.10	
28	0.20	0.20	0.20	0.50	8.20	57.40	10.50	9.70	2.70	0.20	0.20	0.10	
29	0.20	0.20	0.20	0.80	10.60	53.60	8.90	8.80	2.50	0.20		0.10	
30	0.10	0.20	0.20	0.60	8.90	49.10	8.40	7.70	2.20	0.20		0.10	
31		0.20		0.60	11.80		7.90		1.90	0.20		0.10	
Total	4.50	4.90	6.10	10.10	236.80	1959.50	612.60	380.00	118.90	29.70	16.50	5.80	3385.40 CMSDAY
Mean	0.10	0.20	0.20	0.30	7.60	65.30	19.80	12.70	3.80	1.00	0.60	0.20	9.30 CMS
Max	0.20	0.30	0.40	0.80	17.20	123.40	44.20	21.30	7.10	2.90	0.80	0.40	123.40 CMS
Min	0.10	0.10	0.10	0.10	0.80	15.80	7.90	6.80	1.50	0.20	0.20	0.10	0.10 CMS
Runoff	0.39	0.42	0.53	0.87	20.46	169.30	52.93	32.83	10.27	2.57	1.43	0.50	292.50 MCM
Momentary Peak	123.80	CMS. at 115.84 m. (MSL.) at 18.00 Hours , on Sep 20 , 2005											
Runoff Yield	3.10	Liters/Second/Square KM. Momentary Peak Yield 41,432 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Lam Chi at Ban Kho Kho, Surin (M.26)

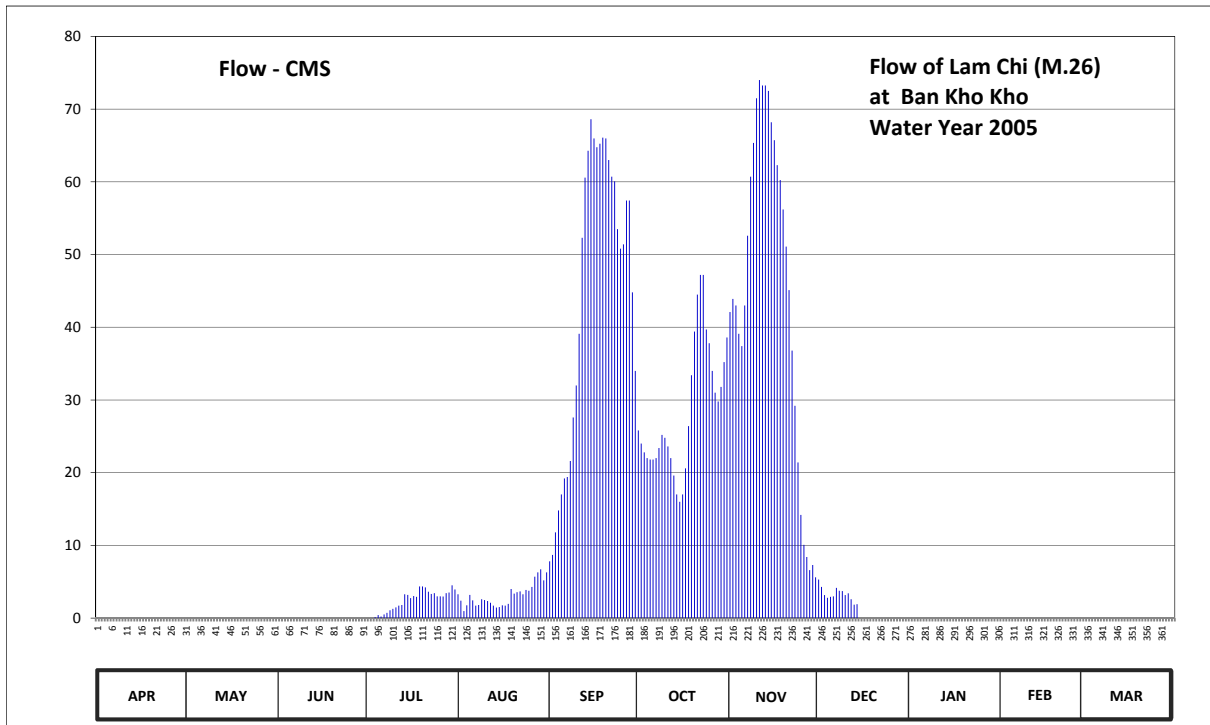
Lat 14 - 54 - 08 N Long 103 - 24 - 12 E

Location : on left bank at railway bridge.

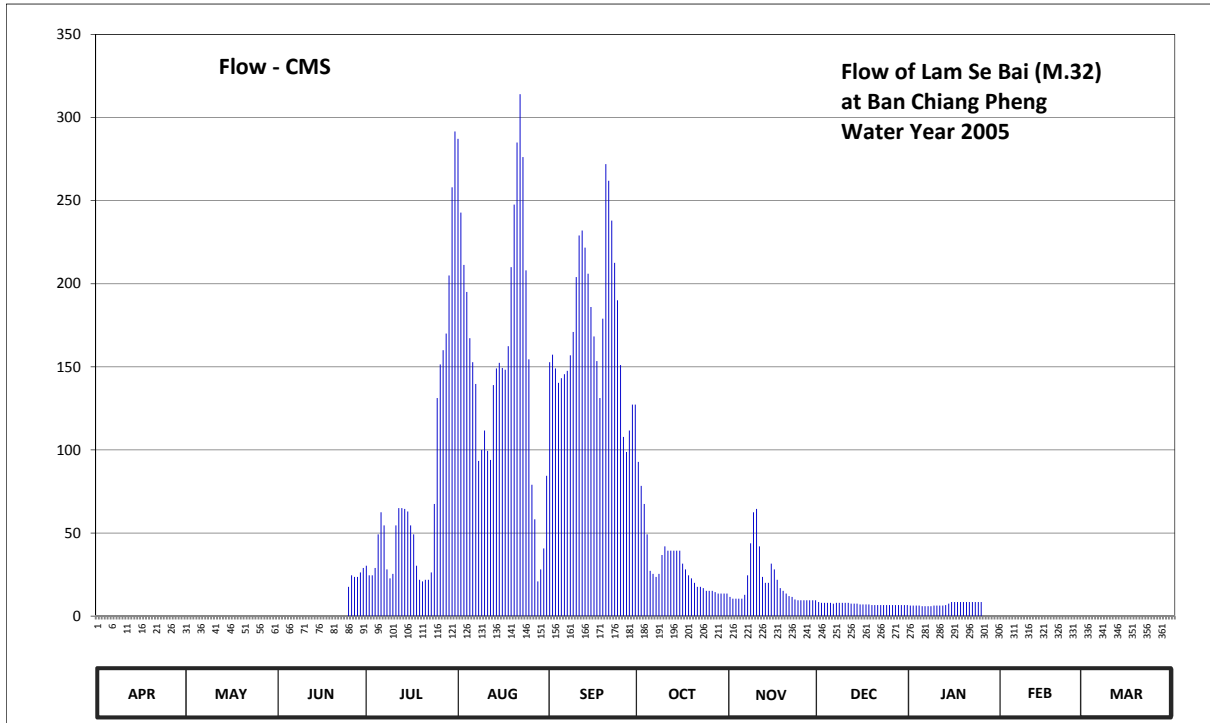
	Ban Kho Kho	Amphoe Mueang	Changwat Surin
Drainage Area	3,058 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+127.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+135.010 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1954 to date		
Rating Operation			
Period of Rating	1967 - 1968, 1978 to date.		
Rated by Flot	-		
Rated by Current Meter	1967 - 1968, 1978 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow effected by Mueang ling weir about 500 meters downstream from the gage site. Stage-discharge relation defined by 52 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	127.49	127.41	127.60	127.43	128.47	129.02	129.95	130.71	128.78	128.51	127.94	128.29	
2	127.49	127.41	127.60	127.43	128.25	129.08	129.86	130.77	128.67	128.45	127.95	128.27	
3	127.49	127.41	127.59	127.43	127.89	129.25	129.80	130.74	128.44	128.41	127.97	128.26	
4	127.49	127.41	127.58	127.54	128.09	129.40	129.76	130.61	128.35	128.44	128.02	128.25	
5	127.49	127.41	127.57	127.71	128.45	129.51	129.75	130.53	128.38	128.46	128.03	128.24	
6	127.49	127.41	127.56	127.61	128.26	129.62	129.75	130.74	128.40	128.47	127.97	128.24	
7	127.50	127.41	127.51	127.75	128.08	129.63	129.76	131.06	128.65	128.44	127.96	128.22	
8	127.50	127.41	127.46	127.83	128.10	129.74	129.83	131.63	128.59	128.40	127.96	128.20	
9	127.50	127.41	127.46	127.92	128.30	130.04	129.92	132.13	128.58	128.42	127.96	128.20	
10	127.50	127.42	127.46	127.97	128.27	130.26	129.90	132.46	128.44	128.44	127.97	128.20	
11	127.50	127.42	127.46	128.02	128.24	130.61	129.84	132.56	128.50	128.45	127.99	128.18	
12	127.45	127.42	127.46	128.08	128.18	131.05	129.76	132.53	128.30	128.39	128.00	128.18	
13	127.44	127.42	127.46	128.10	128.08	131.59	129.64	132.53	128.11	128.30	128.00	128.17	
14	127.44	127.42	127.46	128.47	128.01	132.04	129.51	132.50	128.13	128.21	128.17	128.30	
15	127.44	127.43	127.46	128.45	128.03	132.33	129.46	132.31	128.54	128.13	128.24	128.34	
16	127.44	127.43	127.40	128.34	128.09	132.18	129.51	132.16	128.48	127.99	128.25	128.31	
17	127.44	127.43	127.38	128.41	128.08	132.08	129.69	131.85	128.34	127.96	128.27	128.32	
18	127.44	127.43	127.38	128.38	128.14	132.12	129.98	131.42	128.31	127.99	128.31	128.31	
19	127.41	127.44	127.38	128.68	128.63	132.19	130.33	131.18	128.54	128.01	128.34	128.30	
20	127.41	127.47	127.38	128.68	128.49	132.18	130.62	131.01	128.50	128.00	128.34	128.30	
21	127.41	127.53	127.38	128.66	128.54	131.92	130.79	130.81	128.44	127.99	128.34	128.26	
22	127.41	127.65	127.38	128.56	128.57	131.63	130.88	130.50	128.52	128.00	128.34	128.26	
23	127.41	127.69	127.38	128.48	128.47	131.34	130.88	130.12	128.48	128.02	128.33	128.25	
24	127.41	127.73	127.41	128.51	128.61	131.09	130.63	129.73	128.52	128.04	128.31	128.24	
25	127.41	127.75	127.44	128.40	128.59	131.00	130.55	129.37	128.43	128.05	128.29	128.24	
26	127.41	127.77	127.44	128.40	128.67	131.02	130.36	129.16	128.46	128.06	128.29	128.24	
27	127.41	127.78	127.46	128.39	128.82	131.22	130.21	129.06	128.44	128.06	128.29	128.24	
28	127.41	127.74	127.46	128.51	128.88	131.22	130.15	128.91	128.36	128.06	128.29	128.23	
29	127.42	127.68	127.44	128.53	128.92	130.80	130.25	128.98	128.41	128.04		128.22	
30	127.41	127.64	127.43	128.70	128.77	130.36	130.42	128.81	128.45	127.97		128.22	
31		127.61		128.62	128.88		130.59		128.47	127.95		128.22	
Mean	127.45	127.52	127.46	128.19	128.38	130.85	130.08	130.90	128.45	128.20	128.15	128.25	
Max	127.50	127.78	127.60	128.70	128.92	132.33	130.88	132.56	128.78	128.51	128.34	128.34	132.56
Min	127.41	127.41	127.38	127.43	127.89	129.02	129.46	128.81	128.11	127.95	127.94	128.17	127.38
Annual Max Momentary Gage Height	132.59		m. (MSL.) ,			at 06.00 Hours ,	on Nov 11 , 2005						
Zero Gage at Bottom Elevation	127.00		m. (MSL.) ,			River Bed	127.07	m. (MSL.)					
Left Bank Elevation		134.51		m. (MSL.) ,									
Right Bank Elevation		135.33		m. (MSL.) ,		Drainage Are	3,058	Square Kilometers					

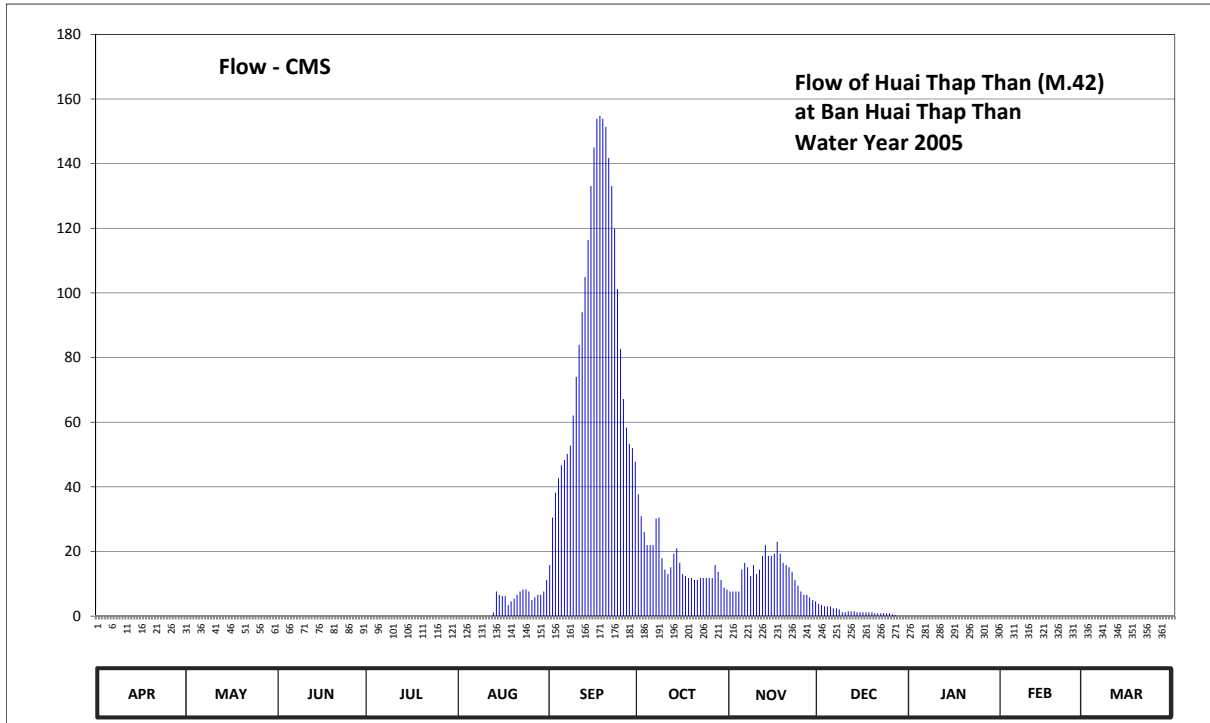


Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	3.28	7.80	25.80	42.10	5.30	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	2.40	8.70	24.00	43.90	4.29	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.96	11.80	22.80	43.00	3.16	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.14	1.76	14.80	22.00	39.10	2.80	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.42	3.20	17.00	21.80	37.40	2.92	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.22	2.44	19.20	21.80	43.00	3.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.50	1.72	19.40	22.00	52.60	4.15	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.72	1.80	21.60	23.40	60.72	3.76	0.00	0.00	0.00	
9	0.00	0.00	0.00	1.08	2.60	27.60	25.20	65.36	3.72	0.00	0.00	0.00	
10	0.00	0.00	0.00	1.28	2.48	32.00	24.80	71.50	3.16	0.00	0.00	0.00	
11	0.00	0.00	0.00	1.48	2.36	39.10	23.60	74.00	3.40	0.00	0.00	0.00	
12	0.00	0.00	0.00	1.72	2.12	52.30	22.00	73.25	2.60	0.00	0.00	0.00	
13	0.00	0.00	0.00	1.80	1.72	60.58	19.60	73.25	1.84	0.00	0.00	0.00	
14	0.00	0.00	0.00	3.28	1.44	64.28	17.00	72.50	1.92	0.00	0.00	0.00	
15	0.00	0.00	0.00	3.20	1.52	68.60	16.00	68.20	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	2.76	1.76	65.96	17.00	65.72	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	3.04	1.72	64.76	20.60	62.30	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	2.92	1.96	65.24	26.40	60.24	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	4.36	4.01	66.08	33.40	56.20	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	4.36	3.36	65.96	39.40	51.10	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	4.22	3.56	63.00	44.50	45.10	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	3.64	3.68	60.72	47.20	36.80	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	3.32	3.28	60.08	47.20	29.20	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	3.44	3.87	53.50	39.70	21.40	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	3.00	3.76	50.80	37.80	14.20	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	3.00	4.29	51.40	34.00	10.08	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	2.96	5.70	57.44	31.00	8.40	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	3.44	6.30	57.44	29.80	6.60	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	3.52	6.70	44.80	31.80	7.30	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	4.50	5.20	34.00	35.20	5.60	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	3.94	6.30		38.60		0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	72.26	97.25	1325.94	885.40	1340.12	46.02	0.00	0.00	0.00	3766.99 CMSDAY
Mean	0.00	0.00	0.00	2.33	3.14	44.20	28.56	44.67	1.48	0.00	0.00	0.00	10.32 CMS
Max	0.00	0.00	0.00	4.50	6.70	68.60	47.20	74.00	5.30	0.00	0.00	0.00	74.00 CMS
Min	0.00	0.00	0.00	0.00	0.96	7.80	16.00	5.60	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	6.24	8.40	114.56	76.50	115.79	3.98	0.00	0.00	0.00	325.47 MCM
Momentary Peak	74.75	CMS. at 132.59 m. (MSL.) at 06.00 Hours , on Nov 11, 2005											
Runoff Yield	3.37	Liters/Second/Square KM.		Momentary Peak Yield				24.44	Liters/Second/Square KM.				



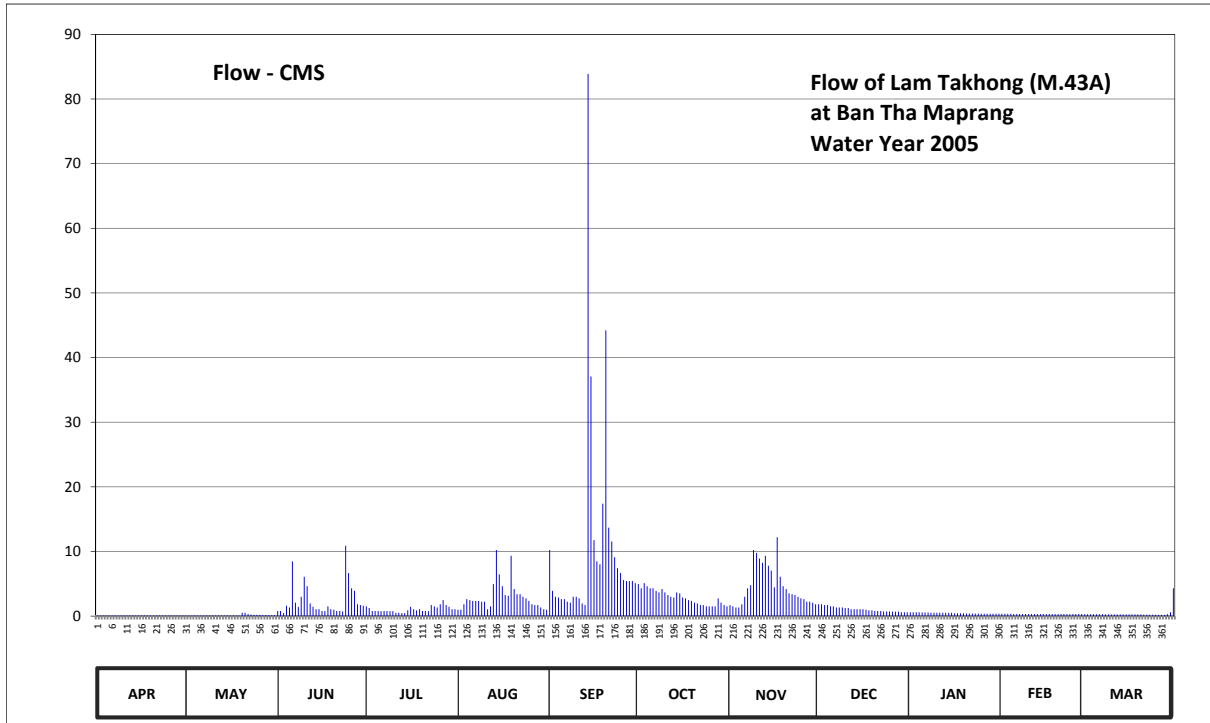
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	30.30	287.20	152.78	92.80	11.50	8.50	6.30	0.00	0.00	
2	0.00	0.00	0.00	24.50	242.80	157.26	78.40	10.50	8.00	6.30	0.00	0.00	
3	0.00	0.00	0.00	24.50	211.30	148.99	67.50	10.50	8.00	6.30	0.00	0.00	
4	0.00	0.00	0.00	29.00	195.00	140.38	49.20	10.50	8.00	6.30	0.00	0.00	
5	0.00	0.00	0.00	49.20	167.24	143.13	27.20	10.50	8.00	5.95	0.00	0.00	
6	0.00	0.00	0.00	62.50	152.78	145.54	25.40	12.80	7.50	5.95	0.00	0.00	
7	0.00	0.00	0.00	54.60	139.69	147.61	23.60	24.50	8.00	5.95	0.00	0.00	
8	0.00	0.00	0.00	28.10	93.40	156.91	25.40	43.80	8.00	5.95	0.00	0.00	
9	0.00	0.00	0.00	22.70	100.00	171.00	36.80	62.50	8.00	6.30	0.00	0.00	
10	0.00	0.00	0.00	25.40	111.70	204.00	42.00	64.50	8.00	6.30	0.00	0.00	
11	0.00	0.00	0.00	54.60	99.40	229.00	39.40	42.00	8.00	6.30	0.00	0.00	
12	0.00	0.00	0.00	65.00	94.00	232.00	39.40	23.60	7.50	6.30	0.00	0.00	
13	0.00	0.00	0.00	65.00	139.00	221.70	39.40	20.00	7.50	6.65	0.00	0.00	
14	0.00	0.00	0.00	64.50	148.99	206.00	39.40	20.00	7.50	7.50	0.00	0.00	
15	0.00	0.00	0.00	63.00	152.43	186.00	39.40	31.60	7.00	8.50	0.00	0.00	
16	0.00	0.00	0.00	54.60	149.33	168.28	31.60	28.10	7.00	8.50	0.00	0.00	
17	0.00	0.00	0.00	49.20	148.30	153.47	28.10	21.80	7.00	8.50	0.00	0.00	
18	0.00	0.00	0.00	30.30	162.42	131.20	24.50	16.80	7.00	8.50	0.00	0.00	
19	0.00	0.00	0.00	21.80	210.00	179.00	22.70	15.20	6.65	8.50	0.00	0.00	
20	0.00	0.00	0.00	20.90	247.60	272.00	20.00	13.60	6.65	8.50	0.00	0.00	
21	0.00	0.00	0.00	21.80	285.00	262.00	17.60	12.00	6.65	8.50	0.00	0.00	
22	0.00	0.00	0.00	21.80	314.00	238.00	17.60	11.50	6.65	8.50	0.00	0.00	
23	0.00	0.00	0.00	26.30	276.20	212.60	16.80	10.00	6.65	8.50	0.00	0.00	
24	0.00	0.00	0.00	67.50	208.00	190.00	15.20	9.50	6.65	8.50	0.00	0.00	
25	0.00	0.00	17.60	131.20	154.50	151.06	15.20	9.50	6.65	8.50	0.00	0.00	
26	0.00	0.00	24.50	151.40	79.00	107.80	15.20	9.50	6.65	0.00	0.00	0.00	
27	0.00	0.00	23.60	160.01	58.20	98.80	14.40	9.50	6.65	0.00	0.00	0.00	
28	0.00	0.00	23.60	170.00	20.90	111.70	13.60	9.50	6.65	0.00	0.00	0.00	
29	0.00	0.00	26.30	205.00	28.10	127.30	13.60	9.50	6.65	0.00	0.00	0.00	
30	0.00	0.00	29.00	258.00	40.70	127.30	13.60	9.50	6.65	0.00	0.00	0.00	
31	0.00	0.00	291.60	84.40			13.60		6.65	0.00		0.00	
Total	0.00	0.00	144.60	2344.31	4801.58	5172.81	958.60	594.30	224.95	181.85	0.00	0.00	14423.00 CMSDAY
Mean	0.00	0.00	4.82	75.62	154.89	172.43	30.92	19.81	7.26	5.87	0.00	0.00	39.52 CMS
Max	0.00	0.00	29.00	291.60	314.00	272.00	92.80	64.50	8.50	8.50	0.00	0.00	314.00 CMS
Min	0.00	0.00	0.00	20.90	20.90	98.80	13.60	9.50	6.65	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	12.49	202.55	414.86	446.93	82.82	51.35	19.44	15.71	0.00	0.00	1246.15 MCM
Momentary Peak	323.00	CMS.	at 126.89 m. (MSL.)	at 06.00 Hours ,	on Aug 22, 2005								
Runoff Yield	24.01	Liters/Second/Square KM.			Momentary Peak Yield	196.233	Liters/Second/Square KM.						



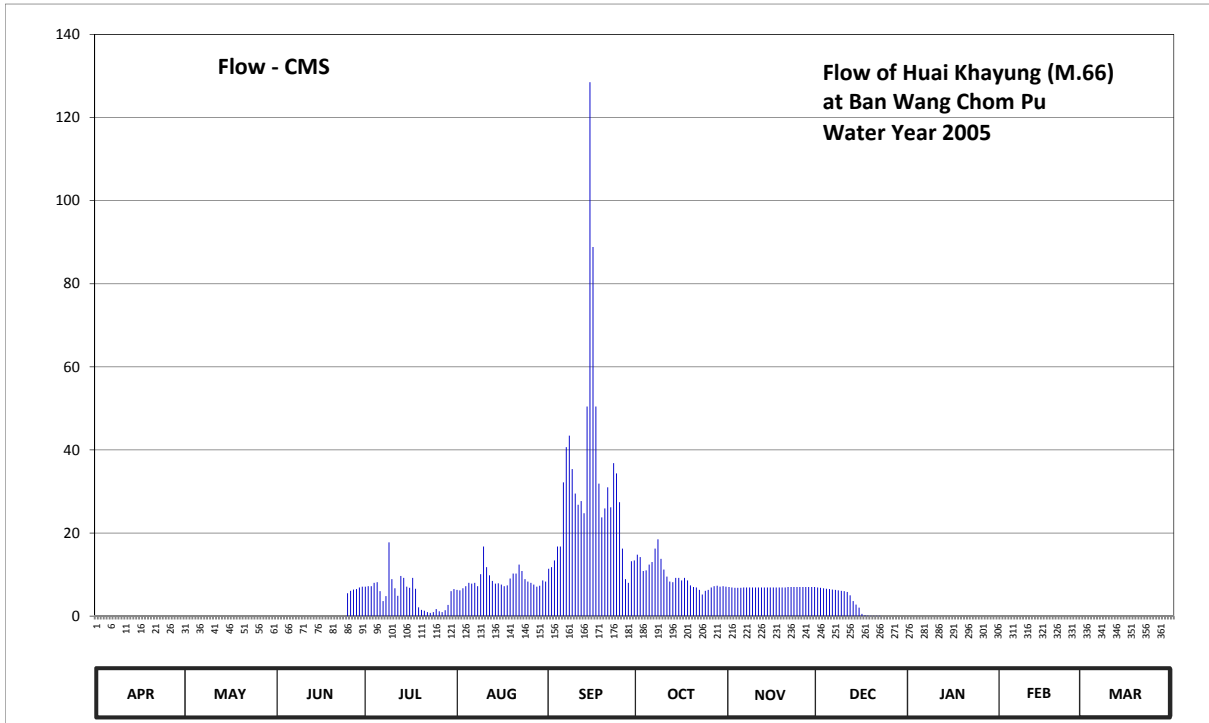
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	15.80	37.70	7.60	3.80	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	30.50	30.90	7.60	3.40	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	38.20	26.00	7.60	3.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	42.70	22.00	7.60	3.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	46.70	22.00	14.40	3.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	48.30	22.00	16.50	2.40	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	50.20	30.20	15.10	2.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	52.80	30.50	12.40	2.10	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	62.10	17.90	15.80	1.20	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	74.00	14.40	13.00	1.20	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	83.90	13.00	14.40	1.50	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	94.00	15.10	18.60	1.50	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	1.20	104.90	19.30	22.00	1.50	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	7.60	116.40	21.00	18.60	1.20	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	6.60	133.10	16.50	18.60	1.20	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	6.20	145.00	13.00	19.30	1.20	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	6.20	153.90	12.40	23.00	1.20	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	3.40	154.80	11.80	19.30	1.20	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	4.60	153.90	11.80	16.50	1.20	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	5.40	151.40	11.20	15.80	0.90	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	6.60	141.80	11.20	15.10	0.90	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	7.60	133.10	11.80	13.70	0.90	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	8.20	119.90	11.80	11.20	0.90	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	8.20	101.20	11.80	9.40	0.90	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	7.60	82.70	11.80	7.60	0.90	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	5.00	67.20	11.80	6.60	0.60	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	5.80	58.30	15.80	6.60	0.30	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	6.60	53.30	13.70	5.80	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	6.60	52.00	11.20	5.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	7.60	47.80	8.80	4.60	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	11.20	8.20	8.20	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	122.20	2609.90	526.60	389.30	43.50	0.00	0.00	0.00	3691.50 CMSDAY
Mean	0.00	0.00	0.00	0.00	3.90	87.00	17.00	13.00	1.40	0.00	0.00	0.00	10.10 CMS
Max	0.00	0.00	0.00	0.00	11.20	154.80	37.70	23.00	3.80	0.00	0.00	0.00	154.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	15.80	8.20	4.60	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	10.56	225.50	45.50	33.64	3.76	0.00	0.00	0.00	318.95 MCM
Momentary Peak	155.70	CMS. at 8.53 m. (A.D.) at 18.00 Hours , on Sep 17 , 2005											
Runoff Yield	3.57	Liters/Second/Square KM. Momentary Peak Yield 54,979 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.10	0.80	1.52	0.98	10.22	4.94	1.70	1.83	0.60	0.36	0.30	
2	0.10	0.10	0.80	1.25	0.98	3.91	4.30	1.52	1.83	0.60	0.36	0.30	
3	0.10	0.10	0.48	0.80	1.83	3.00	5.10	1.34	1.70	0.60	0.36	0.30	
4	0.10	0.10	1.61	0.80	2.61	2.87	4.62	1.34	1.70	0.60	0.36	0.30	
5	0.10	0.10	1.34	0.80	2.48	2.61	4.30	1.83	1.52	0.56	0.32	0.30	
6	0.10	0.10	8.46	0.76	2.35	2.61	4.30	3.00	1.52	0.56	0.32	0.30	
7	0.10	0.10	2.09	0.80	2.35	2.22	3.91	4.30	1.34	0.56	0.32	0.30	
8	0.10	0.10	1.43	0.80	2.35	2.09	3.65	4.78	1.34	0.52	0.32	0.28	
9	0.10	0.10	3.00	0.76	2.22	3.00	4.17	10.22	1.34	0.52	0.32	0.28	
10	0.10	0.10	6.09	0.76	2.22	3.00	3.65	9.78	1.25	0.52	0.32	0.28	
11	0.10	0.10	4.62	0.52	1.07	2.74	3.26	8.90	1.25	0.52	0.32	0.28	
12	0.10	0.10	1.96	0.52	1.52	1.96	3.00	8.24	1.07	0.52	0.32	0.28	
13	0.10	0.10	1.43	0.48	4.94	1.70	2.87	9.34	1.07	0.52	0.32	0.28	
14	0.10	0.10	1.07	0.48	10.22	83.90	3.65	7.80	1.07	0.52	0.32	0.28	
15	0.10	0.10	1.07	0.89	6.47	37.08	3.52	7.04	1.07	0.52	0.32	0.28	
16	0.10	0.10	0.80	1.43	4.62	11.76	2.87	4.46	1.07	0.44	0.32	0.26	
17	0.10	0.10	0.80	1.07	3.26	8.46	2.74	12.20	0.98	0.44	0.32	0.26	
18	0.10	0.10	1.52	0.89	3.13	8.02	2.48	6.09	0.89	0.44	0.32	0.26	
19	0.10	0.10	1.07	1.07	9.34	17.40	2.35	4.62	0.89	0.44	0.32	0.26	
20	0.10	0.52	0.98	0.80	4.17	44.20	2.09	4.17	0.80	0.40	0.32	0.26	
21	0.10	0.52	0.80	0.80	3.39	13.70	1.96	3.52	0.80	0.40	0.32	0.22	
22	0.10	0.32	0.80	0.76	3.39	11.54	1.70	3.39	0.80	0.40	0.32	0.22	
23	0.10	0.24	0.72	1.70	3.00	9.12	1.70	3.26	0.72	0.40	0.32	0.22	
24	0.10	0.20	10.88	1.52	2.74	7.42	1.52	3.00	0.72	0.40	0.32	0.22	
25	0.10	0.20	6.66	1.34	2.35	6.66	1.52	2.74	0.72	0.38	0.32	0.22	
26	0.10	0.19	4.30	1.83	1.83	5.58	1.52	2.61	0.68	0.38	0.32	0.20	
27	0.10	0.18	3.91	2.48	1.70	5.42	1.52	2.22	0.68	0.38	0.32	0.20	
28	0.10	0.17	1.83	1.70	1.70	5.42	2.74	2.22	0.68	0.38	0.32	0.20	
29	0.10	0.15	1.70	1.43	1.34	5.42	2.09	2.09	0.60	0.38	0.32	0.20	
30	0.10	0.15	1.61	1.07	1.07	5.10	1.70	1.83	0.60	0.38	0.32	0.20	
31	0.10	0.14	1.07	0.98	0.98	1.52	1.52	0.60	0.38	0.32	0.32	0.20	
Total	3.00	4.88	74.63	32.90	92.60	328.13	91.26	139.55	33.13	14.66	9.12	12.54	836.40 CMSDAY
Mean	0.10	0.16	2.49	1.06	2.99	10.94	2.94	4.65	1.07	0.47	0.33	0.40	2.29 CMS
Max	0.10	0.52	10.88	2.48	10.22	83.90	5.10	12.20	1.83	0.60	0.36	4.30	83.90 CMS
Min	0.10	0.10	0.48	0.48	0.98	1.70	1.52	1.34	0.60	0.38	0.32	0.20	0.10 CMS
Runoff	0.26	0.42	6.45	2.84	8.00	28.35	7.89	12.06	2.86	1.27	0.79	1.08	72.27 MCM
Momentary Peak	120.50 CMS. at 2.90 m. (A.D.) at 18.00 Hours , on Sep 14, 2005												
Runoff Yield	14.98 Liters/Second/Square KM. Momentary Peak Yield 787.582 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	7.10	6.30	11.40	14.80	7.00	6.90	0.00	0.00	0.00	
2	0.00	0.00	0.00	7.20	6.20	11.80	14.20	6.90	6.80	0.00	0.00	0.00	
3	0.00	0.00	0.00	7.20	6.70	13.40	10.85	6.80	6.70	0.00	0.00	0.00	
4	0.00	0.00	0.00	8.00	7.20	16.75	11.00	6.80	6.60	0.00	0.00	0.00	
5	0.00	0.00	0.00	8.15	8.00	16.75	12.40	6.80	6.50	0.00	0.00	0.00	
6	0.00	0.00	0.00	6.00	7.80	32.20	13.00	6.90	6.40	0.00	0.00	0.00	
7	0.00	0.00	0.00	3.60	8.00	40.65	16.25	6.90	6.30	0.00	0.00	0.00	
8	0.00	0.00	0.00	4.80	7.20	43.45	18.50	6.90	6.20	0.00	0.00	0.00	
9	0.00	0.00	0.00	17.75	10.10	35.40	13.80	6.90	6.10	0.00	0.00	0.00	
10	0.00	0.00	0.00	8.90	16.75	29.50	11.20	6.90	6.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	6.70	11.80	26.80	9.50	6.90	5.80	0.00	0.00	0.00	
12	0.00	0.00	0.00	4.90	9.80	27.70	8.30	6.90	5.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	9.65	8.45	24.75	8.15	6.90	3.60	0.00	0.00	0.00	
14	0.00	0.00	0.00	9.20	7.80	50.45	9.20	6.90	2.76	0.00	0.00	0.00	
15	0.00	0.00	0.00	7.10	7.90	128.50	9.20	6.90	2.04	0.00	0.00	0.00	
16	0.00	0.00	0.00	6.80	7.60	88.85	8.60	6.90	0.54	0.00	0.00	0.00	
17	0.00	0.00	0.00	9.20	7.20	50.45	9.20	6.90	0.20	0.00	0.00	0.00	
18	0.00	0.00	0.00	6.60	7.40	31.90	8.60	6.90	0.10	0.00	0.00	0.00	
19	0.00	0.00	0.00	2.10	9.05	23.75	7.40	6.90	0.07	0.00	0.00	0.00	
20	0.00	0.00	0.00	1.50	10.25	25.90	7.00	6.90	0.07	0.00	0.00	0.00	
21	0.00	0.00	0.00	1.32	10.25	31.00	6.90	7.00	0.07	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.96	12.40	26.20	6.30	7.00	0.07	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.78	10.85	36.80	5.20	7.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.96	8.90	34.35	6.10	7.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	5.50	1.68	8.30	27.40	6.30	7.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	6.10	1.14	8.00	16.25	6.90	7.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	6.40	0.96	7.60	8.90	7.20	7.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	6.50	1.44	7.10	8.00	7.30	7.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	6.90	2.70	7.30	13.20	7.10	7.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	7.10	6.00	8.60	13.40	7.20	7.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	6.50	8.30	0.00	7.10	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	38.50	166.89	269.10	945.85	294.75	207.80	84.81	0.00	0.00	0.00	2007.71 CMSDAY
Mean	0.00	0.00	1.28	5.38	8.68	31.53	9.51	6.93	2.74	0.00	0.00	0.00	5.50 CMSDAY
Max	0.00	0.00	7.10	17.75	16.75	128.50	18.50	7.00	6.90	0.00	0.00	0.00	128.50 CMSDAY
Min	0.00	0.00	0.00	0.78	6.20	8.00	5.20	6.80	0.00	0.00	0.00	0.00	0.00 CMSDAY
Runoff	0.00	0.00	3.33	14.42	23.25	81.72	25.47	17.95	7.33	0.00	0.00	0.00	173.47 MCM
Momentary Peak	132.65	CMS. at 3.33 m. (A.D.) at 18.00 Hours , on Sep 15, 2005											
Runoff Yield	9.79	Liters/Second/Square KM. Momentary Peak Yield 236.032 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Lam Chi at Ban Charok Yai, Buri Ram (M.85)

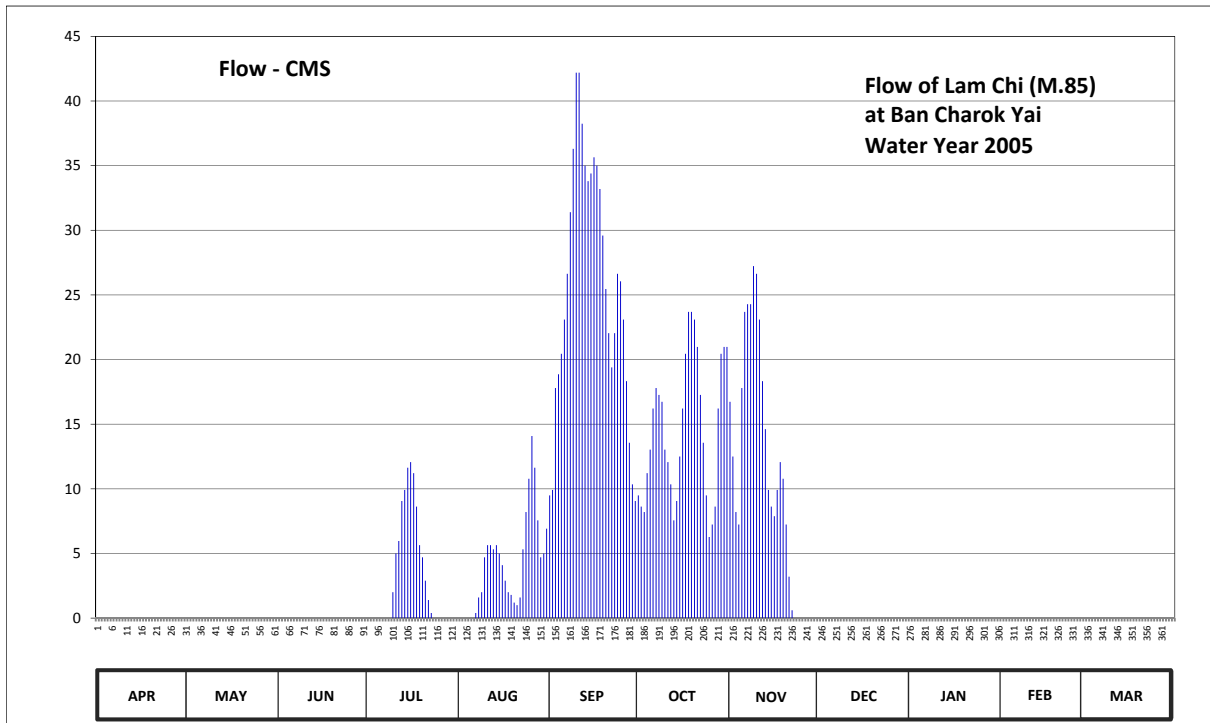
Lat 14 - 37 - 55 N Long 103 - 14 - 00 E

Location : on right bank at the bridge of Chok Chai - Det Udom Highway near guidepost 119 at Ban Charok Yai.

	Ban	Charok Yai	Amphoe	Prakhon Chai	Changwat	Buri Ram
Drainage Area	971	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000 m. (A.D.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+6.546 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1969 - 1971, 1979 to date.					
Rating Operation						
Period of Rating	1969 - 1971, 1979, 1981 to date.					
Rated by Flot	-					
Rated by Current Meter	1969 - 1971, 1979, 1981 to date.					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +3.630 m.(A.D.) and is including overbank flow.					
General Description	Records fair. Flow effected by the local weir during Dec. 1, 95 - Mar. 31, 96, discharge estimated by recession equation. Stage-discharge relation by 12 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.96	1.73	1.67	1.55	3.00	3.43	3.43	3.58	2.78	2.52	2.48	2.28	
2	1.95	1.73	1.65	1.55	3.00	3.44	3.41	3.50	2.75	2.52	2.47	2.27	
3	1.94	1.72	1.64	1.56	3.00	3.60	3.40	3.40	2.72	2.52	2.46	2.26	
4	1.93	1.72	1.63	1.62	3.01	3.62	3.47	3.37	2.76	2.52	2.45	2.25	
5	1.92	1.71	1.63	1.62	3.00	3.65	3.51	3.60	2.79	2.53	2.45	2.25	
6	1.91	1.70	1.62	1.62	3.04	3.70	3.57	3.71	2.81	2.54	2.44	2.24	
7	1.91	1.69	1.62	1.62	3.12	3.76	3.60	3.72	2.86	2.55	2.44	2.24	
8	1.91	1.68	1.61	1.63	3.18	3.84	3.59	3.72	2.90	2.56	2.43	2.23	
9	1.90	1.66	1.60	2.07	3.20	3.92	3.58	3.77	2.92	2.57	2.43	2.22	
10	1.89	1.65	1.60	3.20	3.29	4.01	3.51	3.76	2.88	2.57	2.43	2.21	
11	1.88	1.64	1.59	3.30	3.32	4.01	3.49	3.70	2.85	2.58	2.42	2.20	
12	1.87	1.64	1.58	3.33	3.32	3.95	3.45	3.61	2.81	2.58	2.41	2.19	
13	1.86	1.64	1.57	3.42	3.31	3.90	3.38	3.54	2.77	2.57	2.41	2.18	
14	1.85	1.63	1.56	3.44	3.32	3.88	3.42	3.44	2.72	2.57	2.40	2.21	
15	1.84	1.63	1.55	3.48	3.30	3.89	3.50	3.41	2.68	2.56	2.40	2.24	
16	1.83	1.63	1.57	3.49	3.27	3.91	3.57	3.39	2.66	2.56	2.39	2.23	
17	1.82	1.64	1.58	3.47	3.23	3.90	3.65	3.44	2.66	2.55	2.39	2.22	
18	1.82	1.67	1.58	3.41	3.20	3.87	3.71	3.49	2.66	2.55	2.38	2.56	
19	1.81	1.67	1.57	3.32	3.19	3.81	3.71	3.46	2.65	2.54	2.37	2.72	
20	1.81	1.66	1.57	3.29	3.16	3.74	3.70	3.37	2.60	2.53	2.36	2.76	
21	1.80	1.65	1.56	3.23	3.15	3.68	3.66	3.24	2.59	2.53	2.35	2.75	
22	1.79	1.65	1.55	3.17	3.18	3.63	3.59	3.13	2.58	2.54	2.34	2.74	
23	1.79	1.65	1.54	3.12	3.31	3.68	3.52	3.05	2.58	2.55	2.33	2.73	
24	1.78	1.67	1.53	3.05	3.40	3.76	3.43	3.00	2.58	2.54	2.32	2.71	
25	1.77	1.67	1.52	3.05	3.46	3.75	3.34	2.95	2.57	2.53	2.31	2.69	
26	1.76	1.65	1.52	3.05	3.53	3.70	3.37	2.92	2.55	2.52	2.30	2.66	
27	1.75	1.65	1.52	3.06	3.48	3.61	3.41	2.87	2.54	2.51	2.30	2.65	
28	1.74	1.65	1.52	3.04	3.38	3.52	3.57	2.84	2.53	2.50	2.29	2.64	
29	1.73	1.64	1.54	3.00	3.29	3.45	3.65	2.83	2.52	2.49		2.65	
30	1.72	1.67	1.56	3.01	3.30	3.42	3.66	2.82	2.52	2.49		2.66	
31		1.67		3.01	3.36		3.66		2.52	2.48		2.67	
Mean	1.84	1.67	1.58	2.77	3.24	3.73	3.53	3.35	2.69	2.54	2.39	2.44	
Max	1.96	1.73	1.67	3.49	3.53	4.01	3.71	3.77	2.92	2.58	2.48	2.76	4.01
Min	1.72	1.63	1.52	1.55	3.00	3.42	3.34	2.82	2.52	2.48	2.29	2.18	1.52
Annual Max Momentary Gage Height	4.03	m. (A.D.) ,		at 18.00 Hours , on Sep 10 , 2005									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed -2.87 m. (A.D.)									
Left Bank Elevation		3.62	m. (A.D.) ,										
Right Bank Elevation		4.52	m. (A.D.) ,		Drainage Are	971	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	9.49	9.49	16.74	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	9.92	8.63	12.50	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	17.80	8.20	8.20	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	18.86	11.21	7.24	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	20.45	13.03	17.80	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	23.10	16.21	23.69	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.40	26.64	17.80	24.28	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	1.60	31.40	17.27	24.28	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	2.00	36.30	16.74	27.23	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	2.00	4.70	42.20	13.03	26.64	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	5.00	5.64	42.20	12.07	23.10	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	5.96	5.64	38.25	10.35	18.33	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	9.06	5.32	35.00	7.56	14.62	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	9.92	5.64	33.80	9.06	9.92	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	11.64	5.00	34.40	12.50	8.63	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	12.07	4.10	35.65	16.21	7.88	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	11.21	2.90	35.00	20.45	9.92	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	8.63	2.00	33.20	23.69	12.07	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	5.64	1.80	29.60	23.69	10.78	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	4.70	1.20	25.46	23.10	7.24	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	2.90	1.00	22.04	20.98	3.20	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	1.40	1.60	19.39	17.27	0.60	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.40	5.32	22.04	13.56	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	8.20	26.64	9.49	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	10.78	26.05	6.28	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	14.09	23.10	7.24	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	11.64	18.33	8.63	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	7.56	13.56	16.21	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	4.70	10.35	20.45	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	5.00	9.06	20.98	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	6.92		20.98		0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	90.53	124.75	769.28	452.36	314.89	0.00	0.00	0.00	0.00	1751.81 CMSDAY
Mean	0.00	0.00	0.00	2.92	4.02	25.64	14.59	10.50	0.00	0.00	0.00	0.00	4.80 CMS
Max	0.00	0.00	0.00	12.07	14.09	42.20	23.69	27.23	0.00	0.00	0.00	0.00	42.20 CMS
Min	0.00	0.00	0.00	0.00	0.00	9.06	6.28	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	7.82	10.78	66.47	39.08	27.21	0.00	0.00	0.00	0.00	151.36 MCM
Momentary Peak	43.60	CMS.	at 4.03 m. (A.D.)	at 18.00 Hours	, on Sep 10, 2005								
Runoff Yield	4.94	Liters/Second/Square KM.			Momentary Peak Yield	44.902	Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Lam Takhong at Vaccine Serum Office, Nakhon Ratchasima (M.89)

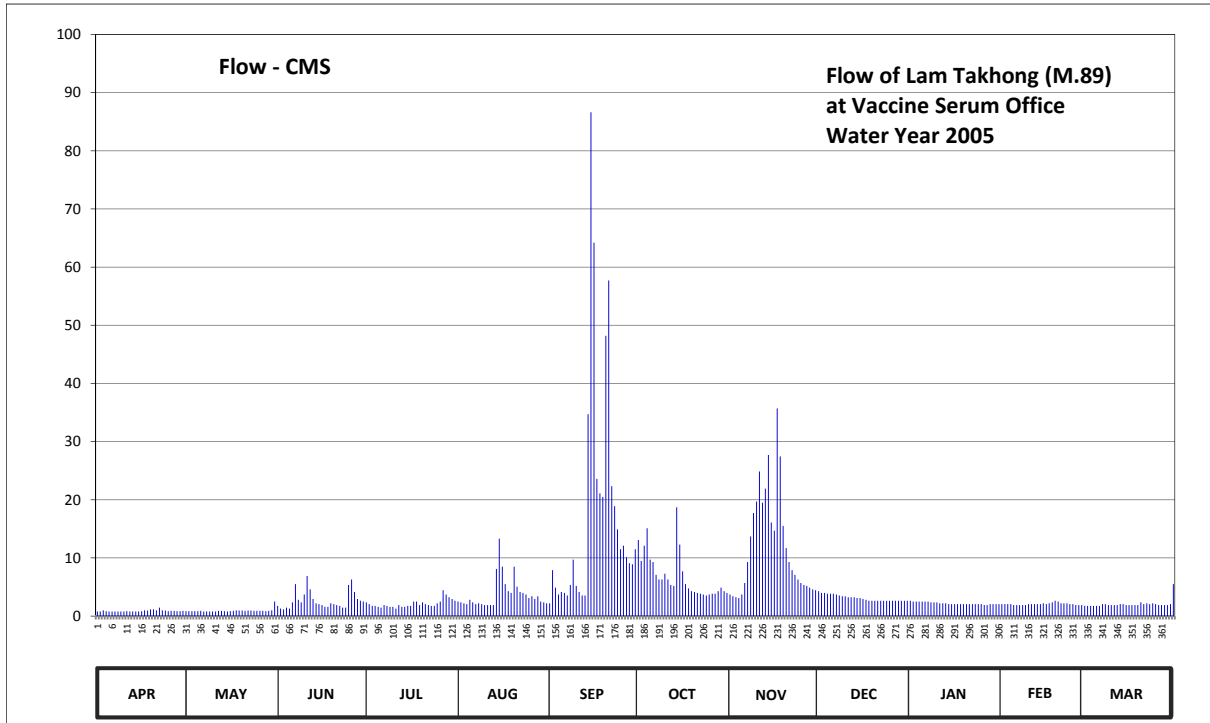
Lat 14 - 41 - 39 N Long 101 - 25 - 00 E

Location : on left bank at the bridge infront of Vaccine Serum Office.

Ban	-	Amphoe	Pak Chong	Changwat	Nakhon Ratchasima
Drainage Area	713	sq.km.			
Type of Gage	Water - stage recorder.				
Zero Gage at Bottom	+0.000	m. (A.D.)			
Bench Mark	B.M.-H.D.				
Location BM	On left bank at the abutment of the bridge.			Elevation	+8.909 m. (A.D.)
Gage Reading Frequency	Recording.				
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings				
Period of Available Gage Records	1970 to date				
Rating Operation					
Period of Rating	1971 to date				
Rated by Flot	-				
Rated by Current Meter	1971 to date				
Stability of Channel Regimes	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 46 discharge measurements made in 2005.				

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.16	1.17	1.25	1.29	1.30	1.28	1.88	1.38	1.42	1.31	1.27	1.25	
2	1.16	1.17	1.22	1.27	1.29	1.62	1.70	1.36	1.40	1.30	1.27	1.25	
3	1.20	1.17	1.21	1.25	1.28	1.46	1.83	1.35	1.40	1.30	1.27	1.25	
4	1.17	1.17	1.23	1.25	1.27	1.38	1.98	1.34	1.39	1.30	1.27	1.25	
5	1.16	1.17	1.22	1.24	1.32	1.41	1.71	1.38	1.39	1.30	1.26	1.25	
6	1.16	1.18	1.29	1.23	1.29	1.40	1.69	1.51	1.39	1.30	1.26	1.25	
7	1.16	1.16	1.50	1.26	1.27	1.37	1.58	1.69	1.38	1.30	1.26	1.27	
8	1.16	1.16	1.32	1.25	1.28	1.49	1.54	1.91	1.37	1.29	1.26	1.27	
9	1.16	1.16	1.29	1.24	1.27	1.71	1.54	2.11	1.36	1.29	1.26	1.26	
10	1.16	1.16	1.38	1.24	1.26	1.48	1.59	2.21	1.36	1.29	1.27	1.26	
11	1.17	1.16	1.57	1.22	1.26	1.41	1.54	2.46	1.35	1.28	1.27	1.26	
12	1.16	1.18	1.44	1.26	1.26	1.37	1.49	2.20	1.35	1.28	1.27	1.26	
13	1.16	1.18	1.33	1.24	1.26	1.37	1.48	2.32	1.35	1.28	1.27	1.27	
14	1.16	1.17	1.28	1.24	1.63	2.86	2.16	2.58	1.34	1.27	1.27	1.27	
15	1.16	1.16	1.27	1.25	1.89	4.78	1.84	2.03	1.34	1.27	1.28	1.26	
16	1.17	1.17	1.26	1.25	1.65	4.00	1.61	1.96	1.33	1.27	1.27	1.26	
17	1.20	1.18	1.24	1.30	1.50	2.40	1.50	2.90	1.32	1.27	1.28	1.26	
18	1.19	1.20	1.24	1.30	1.42	2.28	1.45	2.57	1.31	1.27	1.29	1.26	
19	1.21	1.19	1.28	1.26	1.40	2.25	1.42	2.00	1.31	1.27	1.31	1.26	
20	1.21	1.19	1.27	1.29	1.65	3.40	1.41	1.81	1.31	1.27	1.30	1.29	
21	1.20	1.18	1.26	1.27	1.47	3.76	1.40	1.69	1.31	1.27	1.28	1.27	
22	1.23	1.19	1.25	1.26	1.41	2.34	1.39	1.62	1.31	1.27	1.28	1.28	
23	1.20	1.19	1.23	1.25	1.40	2.17	1.38	1.58	1.31	1.27	1.28	1.27	
24	1.19	1.18	1.23	1.25	1.38	1.97	1.37	1.54	1.31	1.27	1.27	1.28	
25	1.17	1.18	1.49	1.28	1.34	1.80	1.38	1.51	1.31	1.27	1.27	1.27	
26	1.18	1.18	1.54	1.30	1.36	1.83	1.39	1.49	1.31	1.26	1.26	1.26	
27	1.18	1.18	1.41	1.43	1.33	1.73	1.39	1.48	1.31	1.26	1.26	1.26	
28	1.17	1.17	1.33	1.38	1.36	1.68	1.42	1.46	1.31	1.27	1.26	1.26	
29	1.17	1.18	1.31	1.35	1.30	1.67	1.46	1.44	1.31	1.27		1.26	
30	1.18	1.20	1.30	1.33	1.29	1.80	1.42	1.43	1.31	1.27		1.27	
31		1.30		1.31	1.28		1.40		1.31	1.27		1.50	
Mean	1.18	1.18	1.31	1.28	1.38	2.05	1.56	1.81	1.34	1.28	1.27	1.27	
Max	1.23	1.30	1.57	1.43	1.89	4.78	2.16	2.90	1.42	1.31	1.31	1.50	4.78
Min	1.16	1.16	1.21	1.22	1.26	1.28	1.37	1.34	1.31	1.26	1.26	1.25	1.16
Annual Max Momentary Gage Height	5.62		m. (A.D.) ,			at 24.00 Hours ,		on Sep 15, 2005					
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	0.31	m. (A.D.)					
Left Bank Elevation	7.41		m. (A.D.) ,										
Right Bank Elevation	7.37		m. (A.D.) ,			Drainage Are	713	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	0.85	1.75	2.35	2.50	2.20	13.10	3.70	4.30	2.65	2.05	1.75	
2	0.80	0.85	1.30	2.05	2.35	7.90	9.50	3.40	4.00	2.50	2.05	1.75	
3	1.00	0.85	1.15	1.75	2.20	4.90	12.10	3.25	4.00	2.50	2.05	1.75	
4	0.85	0.85	1.45	1.75	2.05	3.70	15.10	3.10	3.85	2.50	2.05	1.75	
5	0.80	0.85	1.30	1.60	2.80	4.15	9.70	3.70	3.85	2.50	1.90	1.75	
6	0.80	0.90	2.35	1.45	2.35	4.00	9.30	5.70	3.85	2.50	1.90	1.75	
7	0.80	0.80	5.50	1.90	2.05	3.55	7.10	9.30	3.70	2.50	1.90	2.05	
8	0.80	0.80	2.80	1.75	2.20	5.35	6.30	13.70	3.55	2.35	1.90	2.05	
9	0.80	0.80	2.35	1.60	2.05	9.70	6.30	17.70	3.40	2.35	1.90	1.90	
10	0.80	0.80	3.70	1.60	1.90	5.20	7.30	19.70	3.40	2.35	2.05	1.90	
11	0.85	0.80	6.90	1.30	1.90	4.15	6.30	24.86	3.25	2.20	2.05	1.90	
12	0.80	0.90	4.60	1.90	1.90	3.55	5.35	19.50	3.25	2.20	2.05	1.90	
13	0.80	0.90	2.95	1.60	1.90	3.55	5.20	21.92	3.25	2.20	2.05	2.05	
14	0.80	0.85	2.20	1.60	8.10	34.70	18.70	27.70	3.10	2.05	2.05	2.05	
15	0.80	0.80	2.05	1.75	13.30	86.62	12.30	16.10	3.10	2.05	2.20	1.90	
16	0.85	0.85	1.90	1.75	8.50	64.20	7.70	14.70	2.95	2.05	2.05	1.90	
17	1.00	0.90	1.60	2.50	5.50	23.60	5.50	35.70	2.80	2.05	2.20	1.90	
18	0.95	1.00	1.60	2.50	4.30	21.10	4.75	27.45	2.65	2.05	2.35	1.90	
19	1.15	0.95	2.20	1.90	4.00	20.50	4.30	15.50	2.65	2.05	2.65	1.90	
20	1.15	0.95	2.05	2.35	8.50	48.20	4.15	11.70	2.65	2.05	2.50	2.35	
21	1.00	0.90	1.90	2.05	5.05	57.72	4.00	9.30	2.65	2.05	2.20	2.05	
22	1.45	0.95	1.75	1.90	4.15	22.34	3.85	7.90	2.65	2.05	2.20	2.20	
23	1.00	0.95	1.45	1.75	4.00	18.90	3.70	7.10	2.65	2.05	2.20	2.05	
24	0.95	0.90	1.45	1.75	3.70	14.90	3.55	6.30	2.65	2.05	2.05	2.20	
25	0.85	0.90	5.35	2.20	3.10	11.50	3.70	5.70	2.65	2.05	2.05	2.05	
26	0.90	0.90	6.30	2.50	3.40	12.10	3.85	5.35	2.65	1.90	1.90	1.90	
27	0.90	0.90	4.15	4.45	2.95	10.10	3.85	5.20	2.65	1.90	1.90	1.90	
28	0.85	0.85	2.95	3.70	3.40	9.10	4.30	4.90	2.65	2.05	1.90	1.90	
29	0.85	0.90	2.65	3.25	2.50	8.90	4.90	4.60	2.65	2.05		1.90	
30	0.90	1.00	2.50	2.95	2.35	11.50	4.30	4.45	2.65	2.05		2.05	
31		2.50		2.65	2.20		4.00		2.65	2.05		5.50	
Total	27.05	28.90	82.15	66.10	117.15	537.88	214.05	359.18	96.70	67.90	58.30	63.85	1719.21 CMSDAY
Mean	0.90	0.93	2.74	2.13	3.78	17.93	6.90	11.97	3.12	2.19	2.08	2.06	4.71 CMS
Max	1.45	2.50	6.90	4.45	13.30	86.62	18.70	35.70	4.30	2.65	2.65	5.50	86.62 CMS
Min	0.80	0.80	1.15	1.30	1.90	2.20	3.55	3.10	2.65	1.90	1.90	1.75	0.80 CMS
Runoff	2.34	2.50	7.10	5.71	10.12	46.47	18.49	31.03	8.36	5.87	5.04	5.52	148.54 MCM
Momentary Peak	111.40 CMS. at 5.62 m. (A.D.) at 24.00 Hours , on Sep 15, 2005												
Runoff Yield	6.61 Liters/Second/Square KM.			Momentary Peak Yield 156.241 Liters/Second/Square KM.									

WATER YEAR : 2005**MUN RIVER BASIN****Huai Samran at Ban Thai Thaworn, Si Sa Ket (M.91)**

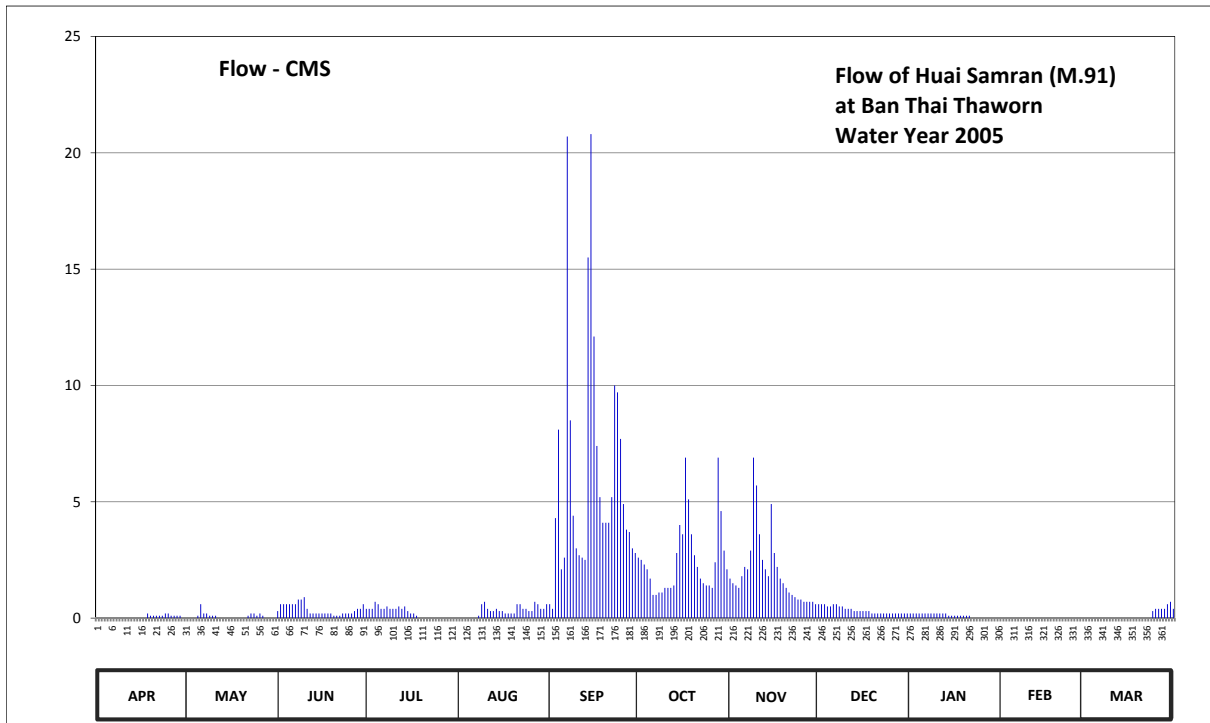
Lat 14 - 29 - 40 N Long 104 - 03 - 34 E

Location : on right bank about 15 kilometers, the highway at Ban Thai Thaworn.

	Ban Thai Thaworn	Amphoe Phu Sing	Changwat Si Sa Ket
Drainage Area	141 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+175.259 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank downstream at the abutment of the bridge.	Elevation	+184.120 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1977 to date.		
Rating Operation			
Period of Rating	1977 - 1978, 1983 to date.		
Rated by Flot	-		
Rated by Current Meter	1977 - 1978, 1983 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Huai Samran reservoir situated about 5 kilometers upstream and the local weir situated about 800 meters downstream from the gage site. Stage-discharge relation defined by 35 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	176.31	176.41	176.51	176.53	176.36	176.55	176.96	176.79	176.55	176.47	176.38	176.28	
2	176.36	176.40	176.56	176.52	176.36	176.53	176.94	176.74	176.55	176.47	176.39	176.27	
3	176.40	176.39	176.55	176.53	176.34	177.25	176.91	176.71	176.55	176.47	176.39	176.26	
4	176.38	176.38	176.55	176.57	176.37	177.72	176.85	176.69	176.54	176.47	176.39	176.25	
5	176.38	176.44	176.55	176.56	176.39	176.87	176.79	176.80	176.54	176.47	176.38	176.23	
6	176.37	176.55	176.55	176.52	176.41	176.96	176.64	176.89	176.55	176.46	176.38	176.23	
7	176.37	176.47	176.55	176.53	176.41	178.86	176.64	176.85	176.56	176.46	176.37	176.25	
8	176.36	176.46	176.60	176.54	176.42	177.77	176.66	177.03	176.54	176.46	176.36	176.31	
9	176.38	176.44	176.60	176.53	176.55	177.26	176.67	177.57	176.54	176.46	176.36	176.34	
10	176.37	176.44	176.62	176.52	176.59	177.05	176.70	177.42	176.52	176.46	176.35	176.34	
11	176.37	176.42	176.53	176.52	176.52	176.98	176.69	177.14	176.52	176.46	176.35	176.31	
12	176.36	176.41	176.48	176.54	176.49	176.97	176.69	176.95	176.52	176.45	176.35	176.28	
13	176.35	176.39	176.46	176.53	176.51	176.94	176.71	176.86	176.51	176.45	176.34	176.25	
14	176.35	176.37	176.45	176.54	176.52	178.46	176.99	176.80	176.50	176.44	176.34	176.25	
15	176.34	176.37	176.45	176.50	176.51	178.87	177.20	177.33	176.49	176.44	176.34	176.23	
16	176.34	176.39	176.46	176.47	176.49	178.14	177.15	177.01	176.49	176.43	176.34	176.23	
17	176.38	176.37	176.46	176.45	176.48	177.64	177.57	176.88	176.49	176.43	176.37	176.22	
18	176.45	176.36	176.46	176.43	176.47	177.36	177.35	176.79	176.49	176.43	176.41	176.21	
19	176.44	176.35	176.45	176.40	176.46	177.21	177.15	176.74	176.48	176.43	176.41	176.21	
20	176.43	176.35	176.44	176.39	176.47	177.22	176.98	176.70	176.48	176.42	176.40	176.21	
21	176.43	176.41	176.44	176.38	176.56	177.22	176.88	176.66	176.48	176.42	176.38	176.20	
22	176.42	176.42	176.43	176.38	176.55	177.36	176.79	176.64	176.48	176.41	176.38	176.20	
23	176.43	176.46	176.45	176.37	176.53	177.93	176.75	176.62	176.48	176.41	176.37	176.27	
24	176.46	176.45	176.47	176.38	176.52	177.90	176.72	176.61	176.48	176.40	176.36	176.49	
25	176.46	176.44	176.48	176.37	176.51	177.67	176.71	176.60	176.48	176.39	176.34	176.53	
26	176.44	176.45	176.48	176.36	176.51	177.33	176.70	176.58	176.48	176.39	176.32	176.52	
27	176.43	176.43	176.49	176.37	176.58	177.17	176.93	176.58	176.48	176.39	176.30	176.53	
28	176.42	176.41	176.52	176.38	176.55	177.16	177.57	176.58	176.47	176.38	176.29	176.53	
29	176.42	176.39	176.53	176.37	176.53	177.05	177.28	176.57	176.47	176.38		176.56	
30	176.41	176.39	176.55	176.37	176.53	176.99	177.02	176.56	176.47	176.38		176.57	
31		176.38		176.36	176.56		176.87		176.47	176.38		176.53	
Mean	176.39	176.41	176.50	176.46	176.49	177.41	176.92	176.82	176.50	176.43	176.36	176.33	
Max	176.46	176.55	176.62	176.57	176.59	178.87	177.57	177.57	176.56	176.47	176.41	176.57	178.87
Min	176.31	176.35	176.43	176.36	176.34	176.53	176.64	176.56	176.47	176.38	176.29	176.20	176.20
Annual Max Momentary Gage Height	179.08		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	175.26		m. (MSL.) ,			River Bed	175.60	m. (MSL.)					
Left Bank Elevation		179.41		m. (MSL.) ,									
Right Bank Elevation		179.70		m. (MSL.) ,		Drainage Are	141	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.30	0.40	0.00	0.60	2.60	1.70	0.60	0.20	0.00	0.00	
2	0.00	0.00	0.60	0.40	0.00	0.40	2.50	1.50	0.60	0.20	0.00	0.00	
3	0.00	0.00	0.60	0.40	0.00	4.30	2.30	1.40	0.60	0.20	0.00	0.00	
4	0.00	0.00	0.60	0.70	0.00	8.10	2.10	1.30	0.50	0.20	0.00	0.00	
5	0.00	0.10	0.60	0.60	0.00	2.10	1.70	1.80	0.50	0.20	0.00	0.00	
6	0.00	0.60	0.60	0.40	0.00	2.60	1.00	2.20	0.60	0.20	0.00	0.00	
7	0.00	0.20	0.60	0.40	0.00	20.70	1.00	2.10	0.60	0.20	0.00	0.00	
8	0.00	0.20	0.80	0.50	0.10	8.50	1.10	2.90	0.50	0.20	0.00	0.00	
9	0.00	0.10	0.80	0.40	0.60	4.40	1.10	6.90	0.50	0.20	0.00	0.00	
10	0.00	0.10	0.90	0.40	0.70	3.00	1.30	5.70	0.40	0.20	0.00	0.00	
11	0.00	0.10	0.40	0.40	0.40	2.70	1.30	3.60	0.40	0.20	0.00	0.00	
12	0.00	0.00	0.20	0.50	0.30	2.60	1.30	2.50	0.40	0.20	0.00	0.00	
13	0.00	0.00	0.20	0.40	0.30	2.50	1.40	2.10	0.30	0.20	0.00	0.00	
14	0.00	0.00	0.20	0.50	0.40	15.50	2.80	1.80	0.30	0.10	0.00	0.00	
15	0.00	0.00	0.20	0.30	0.30	20.80	4.00	4.90	0.30	0.10	0.00	0.00	
16	0.00	0.00	0.20	0.20	0.30	12.10	3.60	2.80	0.30	0.10	0.00	0.00	
17	0.00	0.00	0.20	0.20	0.20	7.40	6.90	2.20	0.30	0.10	0.00	0.00	
18	0.20	0.00	0.20	0.10	0.20	5.20	5.10	1.70	0.30	0.10	0.00	0.00	
19	0.10	0.00	0.20	0.00	0.20	4.10	3.60	1.50	0.20	0.10	0.00	0.00	
20	0.10	0.00	0.10	0.00	0.20	4.10	2.70	1.30	0.20	0.10	0.00	0.00	
21	0.10	0.00	0.10	0.00	0.60	4.10	2.20	1.10	0.20	0.10	0.00	0.00	
22	0.10	0.10	0.10	0.00	0.60	5.20	1.70	1.00	0.20	0.00	0.00	0.00	
23	0.10	0.20	0.20	0.00	0.40	10.00	1.50	0.90	0.20	0.00	0.00	0.00	
24	0.20	0.20	0.20	0.00	0.40	9.70	1.40	0.80	0.20	0.00	0.00	0.30	
25	0.20	0.10	0.20	0.00	0.30	7.70	1.40	0.80	0.20	0.00	0.00	0.40	
26	0.10	0.20	0.20	0.00	0.30	4.90	1.30	0.70	0.20	0.00	0.00	0.40	
27	0.10	0.10	0.30	0.00	0.70	3.80	2.40	0.70	0.20	0.00	0.00	0.40	
28	0.10	0.00	0.40	0.00	0.60	3.70	6.90	0.70	0.20	0.00	0.00	0.40	
29	0.10	0.00	0.40	0.00	0.40	3.00	4.60	0.70	0.20	0.00	0.00	0.60	
30	0.00	0.00	0.60	0.00	0.40	2.80	2.90	0.60	0.20	0.00	0.00	0.70	
31		0.00		0.00	0.60		2.10		0.20	0.00		0.40	
Total	1.50	2.30	11.20	7.20	9.50	186.60	77.80	59.90	10.60	3.40	0.00	3.60	373.60 CMSDAY
Mean	0.10	0.10	0.40	0.20	0.30	6.20	2.50	2.00	0.30	0.10	0.00	0.10	1.00 CMS
Max	0.20	0.60	0.90	0.70	0.70	20.80	6.90	6.90	0.60	0.20	0.00	0.70	20.80 CMS
Min	0.00	0.00	0.10	0.00	0.00	0.40	1.00	0.60	0.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.13	0.20	0.97	0.62	0.82	16.12	6.72	5.18	0.92	0.29	0.00	0.31	32.28 MCM
Momentary Peak	23.54	CMS. at 179.08 m. (MSL.) at 06.00 Hours , on Sep 7, 2005											
Runoff Yield	7.26	Liters/Second/Square KM. Momentary Peak Yield 166.950 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Lam Sieo Yai at Ban Ku, Roi Et. (M.95)

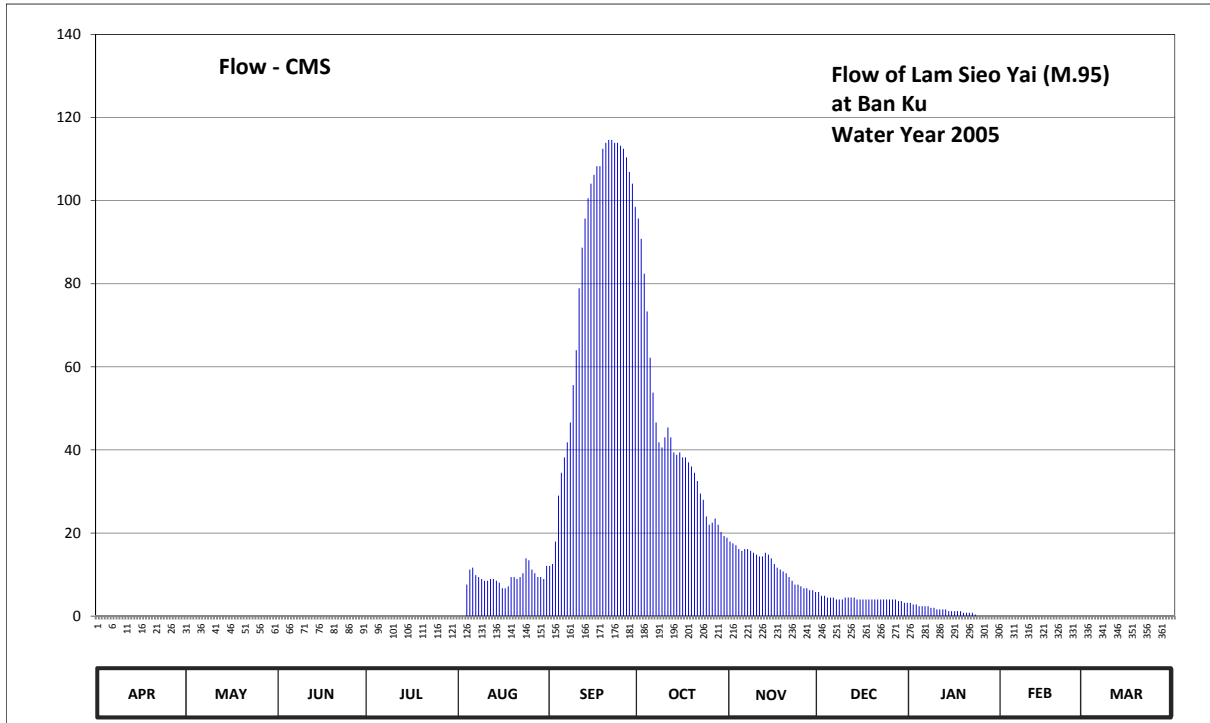
Lat 15 - 34 - 12 N Long 103 - 49 - 27 E

Location : on left bank at the bridge on Highway.

	Ban Ku	Amphoe Suwannaphum	Changwat Roi Et
Drainage Area	-	sq.km.	
Type of Gage	Staff gage		
Zero Gage at Bottom	+118.103 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+124.209 m. (MSL.)
Gage Reading Frequency	5-time daily reading at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1978 - 1989, 2005 to date		
Rating Operation			
Period of Rating	1978 - 1989, 2005 to date		
Rated by Flot	-		
Rated by Current Meter	1978 - 1989, 2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	118.99	118.96	119.05	118.98	119.31	120.28	121.71	120.41	120.14	120.08	119.92	119.68	
2	119.03	118.95	119.05	118.97	119.34	120.29	121.64	120.40	120.12	120.07	119.91	119.67	
3	119.08	118.95	119.04	118.97	119.75	120.41	121.52	120.39	120.12	120.07	119.90	119.65	
4	119.08	118.94	119.04	118.98	120.18	120.64	121.39	120.37	120.11	120.06	119.89	119.64	
5	119.07	118.93	119.03	118.97	120.26	120.75	121.22	120.36	120.11	120.06	119.88	119.63	
6	119.07	118.92	119.02	118.97	120.27	120.82	121.08	120.37	120.11	120.06	119.87	119.63	
7	119.06	118.92	119.01	118.96	120.23	120.88	120.96	120.37	120.10	120.06	119.86	119.62	
8	119.06	118.91	119.01	118.96	120.22	120.96	120.88	120.36	120.10	120.05	119.85	119.61	
9	119.06	118.90	119.05	118.96	120.21	121.11	120.86	120.35	120.10	120.05	119.84	119.60	
10	119.05	118.89	119.06	118.97	120.20	121.25	120.90	120.34	120.11	120.04	119.83	119.60	
11	119.05	118.89	119.06	118.97	120.20	121.47	120.94	120.33	120.11	120.04	119.81	119.59	
12	119.04	118.90	119.06	118.97	120.21	121.61	120.90	120.33	120.11	120.04	119.80	119.58	
13	119.04	118.89	119.05	118.99	120.21	121.71	120.84	120.35	120.11	120.04	119.79	119.57	
14	119.03	118.88	119.04	119.01	120.20	121.78	120.83	120.34	120.10	120.03	119.79	119.56	
15	119.03	118.92	119.04	119.01	120.19	121.83	120.84	120.32	120.10	120.03	119.78	119.55	
16	119.02	118.92	119.04	119.00	120.16	121.86	120.82	120.29	120.10	120.03	119.77	119.54	
17	119.01	118.96	119.03	118.99	120.16	121.89	120.82	120.27	120.10	120.03	119.76	119.54	
18	119.01	118.95	119.03	118.99	120.17	121.89	120.80	120.26	120.10	120.03	119.76	119.52	
19	119.00	118.98	119.03	118.98	120.22	121.95	120.78	120.25	120.10	120.02	119.76	119.51	
20	118.99	118.97	119.02	118.97	120.22	121.97	120.75	120.24	120.10	120.02	119.75	119.50	
21	118.99	119.02	119.01	118.96	120.21	121.98	120.71	120.22	120.10	120.02	119.75	119.50	
22	118.98	119.03	119.00	119.00	120.22	121.98	120.65	120.20	120.10	120.02	119.74	119.49	
23	118.97	119.03	119.00	119.04	120.24	121.97	120.62	120.18	120.10	120.01	119.74	119.48	
24	118.96	119.02	119.00	119.16	120.32	121.97	120.54	120.18	120.10	120.00	119.73	119.48	
25	118.95	119.02	119.00	119.17	120.31	121.96	120.50	120.17	120.10	120.00	119.71	119.47	
26	118.95	119.01	118.99	119.19	120.26	121.95	120.51	120.16	120.10	119.99	119.70	119.46	
27	118.97	119.00	119.00	119.19	120.24	121.92	120.53	120.16	120.10	119.97	119.69	119.45	
28	118.96	119.00	118.99	119.22	120.22	121.87	120.50	120.15	120.09	119.96	119.68	119.44	
29	118.98	119.00	118.99	119.32	120.22	121.83	120.46	120.15	120.09	119.96		119.43	
30	118.97	118.99	118.99	119.30	120.21	121.75	120.44	120.14	120.08	119.95		119.43	
31		118.99		119.31	120.28		120.43		120.08	119.93		119.44	
Mean	119.01	118.96	119.02	119.05	120.15	121.48	120.85	120.28	120.10	120.02	119.79	119.54	
Max	119.08	119.03	119.06	119.32	120.32	121.98	121.71	120.41	120.14	120.08	119.92	119.68	121.98
Min	118.95	118.88	118.99	118.96	119.31	120.28	120.43	120.14	120.08	119.93	119.68	119.43	118.88
Annual Max Momentary Gage Height	121.98		m. (MSL.) ,			at 15.00 Hours ,	on Sep 20 , 2005						
Zero Gage at Bottom Elevation	118.10		m. (MSL.) ,			River Bed	116.55	m. (MSL.)					
Left Bank Elevation	122.92		m. (MSL.) ,										
Right Bank Elevation	123.08		m. (MSL.) ,			Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	12.10	95.70	17.95	5.80	3.20	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	12.55	90.80	17.50	4.90	2.80	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	17.95	82.40	17.05	4.90	2.80	0.00	0.00	
4	0.00	0.00	0.00	0.00	7.60	29.00	73.30	16.15	4.45	2.40	0.00	0.00	
5	0.00	0.00	0.00	0.00	11.20	34.50	62.20	15.70	4.45	2.40	0.00	0.00	
6	0.00	0.00	0.00	0.00	11.65	38.20	53.80	16.15	4.45	2.40	0.00	0.00	
7	0.00	0.00	0.00	0.00	9.85	41.80	46.60	16.15	4.00	2.40	0.00	0.00	
8	0.00	0.00	0.00	0.00	9.40	46.60	41.80	15.70	4.00	2.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	8.95	55.60	40.60	15.25	4.00	2.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	8.50	64.00	43.00	14.80	4.45	1.60	0.00	0.00	
11	0.00	0.00	0.00	0.00	8.50	78.90	45.40	14.35	4.45	1.60	0.00	0.00	
12	0.00	0.00	0.00	0.00	8.95	88.70	43.00	14.35	4.45	1.60	0.00	0.00	
13	0.00	0.00	0.00	0.00	8.95	95.70	39.40	15.25	4.45	1.60	0.00	0.00	
14	0.00	0.00	0.00	0.00	8.50	100.60	38.80	14.80	4.00	1.20	0.00	0.00	
15	0.00	0.00	0.00	0.00	8.05	104.10	39.40	13.90	4.00	1.20	0.00	0.00	
16	0.00	0.00	0.00	0.00	6.70	106.20	38.20	12.55	4.00	1.20	0.00	0.00	
17	0.00	0.00	0.00	0.00	6.70	108.30	38.20	11.65	4.00	1.20	0.00	0.00	
18	0.00	0.00	0.00	0.00	7.15	108.30	37.00	11.20	4.00	1.20	0.00	0.00	
19	0.00	0.00	0.00	0.00	9.40	112.50	36.00	10.75	4.00	0.80	0.00	0.00	
20	0.00	0.00	0.00	0.00	9.40	113.90	34.50	10.30	4.00	0.80	0.00	0.00	
21	0.00	0.00	0.00	0.00	8.95	114.60	32.50	9.40	4.00	0.80	0.00	0.00	
22	0.00	0.00	0.00	0.00	9.40	114.60	29.50	8.50	4.00	0.80	0.00	0.00	
23	0.00	0.00	0.00	0.00	10.30	113.90	28.00	7.60	4.00	0.40	0.00	0.00	
24	0.00	0.00	0.00	0.00	13.90	113.90	24.00	7.60	4.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	13.45	113.20	22.00	7.15	4.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	11.20	112.50	22.50	6.70	4.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	10.30	110.40	23.50	6.70	4.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	9.40	106.90	22.00	6.25	3.60	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	9.40	104.10	20.20	6.25	3.60	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	8.95	98.50	19.30	5.80	3.20	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	12.10		18.85		3.20	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	266.80	2472.10	1282.45	363.45	128.35	38.40	0.00	0.00	4551.55 CMSDAY
Mean	0.00	0.00	0.00	0.00	8.61	82.40	41.37	12.12	4.14	1.24	0.00	0.00	12.47 CMS
Max	0.00	0.00	0.00	0.00	13.90	114.60	95.70	17.95	5.80	3.20	0.00	0.00	114.60 CMS
Min	0.00	0.00	0.00	0.00	0.00	12.10	18.85	5.80	3.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	23.05	213.59	110.80	31.40	11.09	3.32	0.00	0.00	393.25 MCM
Momentary Peak	114.60	CMS. at 121.98 m. (MSL.) at 15.00 Hours , on Sep 20, 2005											
Runoff Yield	*****	Liters/Second/Square KM. Momentary Peak Yield ***** Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Huai Tha at Ban Phayu, Si Sa Ket (M.98)

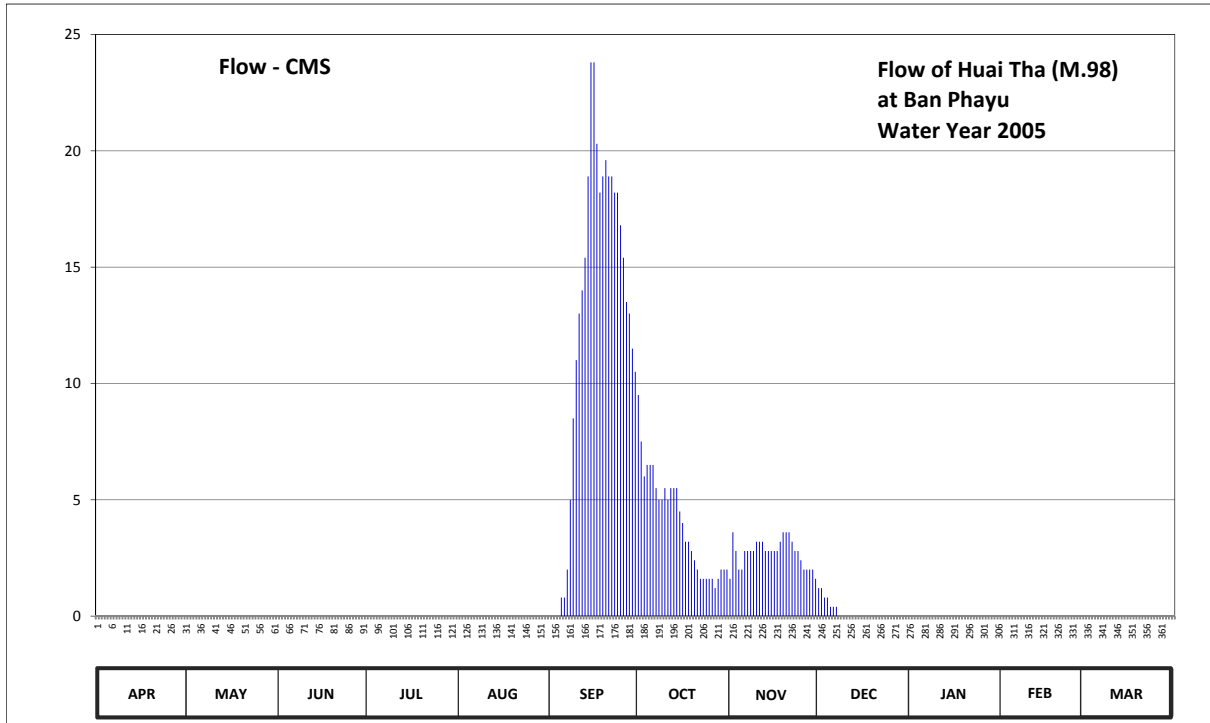
Lat 14 - 52 - 41 N Long 104 - 26 - 17 E

Location : on right bank at the bridge of Si Sa Ket - Kantharalak Highway near guidepost 27+734.

	Ban Phayu	Amphoe Phayu	Changwat Si Sa Ket
Drainage Area	1,150 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank in front of automatic gage building.	Elevation	+8.568 m. (A.D.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	1978 to date.		
Rating Operation			
Period of Rating	1979 - 1981, 1987 to date.		
Rated by Flot	-		
Rated by Current Meter	1979 - 1981, 1987 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 9 discharge measurements made in 2005.		

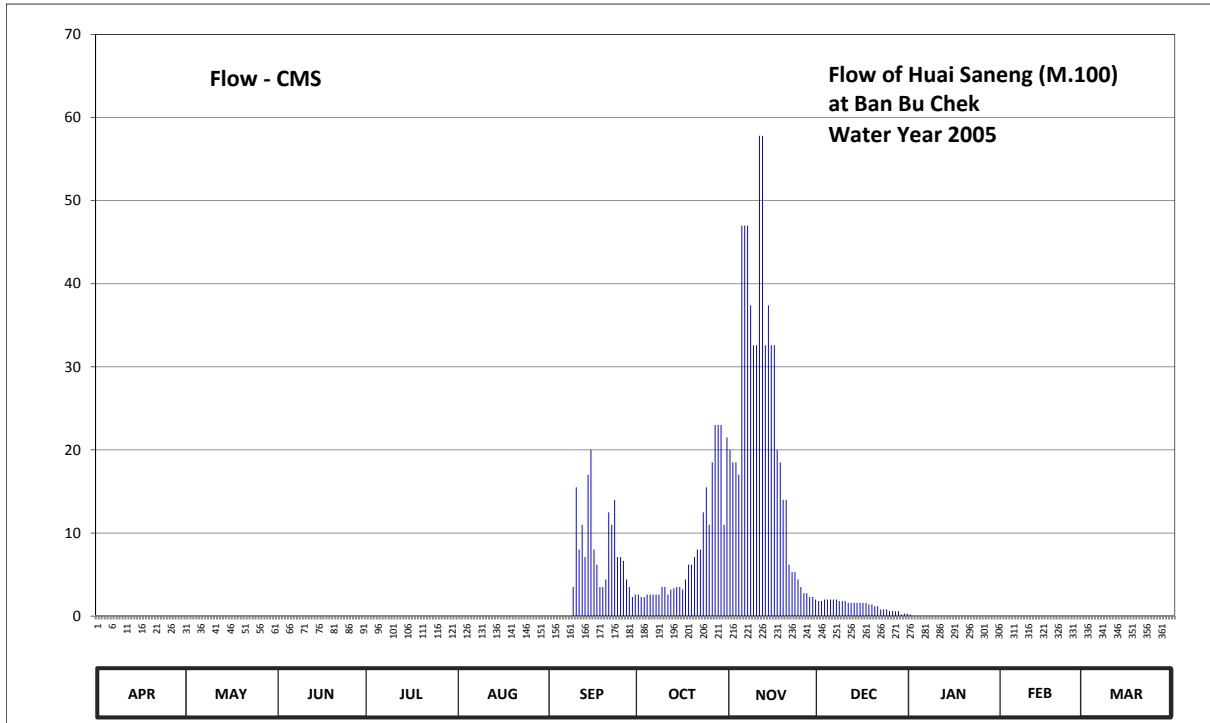
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.65	2.54	2.60	2.66	2.93	2.94	3.21	3.04	3.03	2.98	2.93	2.93	
2	2.65	2.53	2.62	2.68	2.92	2.94	3.17	3.09	3.03	2.98	2.93	2.92	
3	2.68	2.53	2.62	2.68	2.93	2.94	3.14	3.07	3.02	2.98	2.93	2.92	
4	2.68	2.52	2.61	2.67	2.93	2.94	3.15	3.05	3.02	2.98	2.93	2.92	
5	2.67	2.52	2.60	2.67	2.93	3.02	3.15	3.05	3.01	2.98	2.93	2.92	
6	2.66	2.52	2.59	2.67	2.94	3.02	3.15	3.07	3.01	2.98	2.93	2.92	
7	2.65	2.51	2.58	2.66	2.93	3.05	3.13	3.07	3.01	2.98	2.93	2.92	
8	2.65	2.52	2.59	2.72	2.93	3.12	3.12	3.07	3.00	2.97	2.93	2.92	
9	2.65	2.52	2.60	2.73	2.94	3.19	3.12	3.07	3.00	2.96	2.93	2.91	
10	2.64	2.52	2.60	2.75	2.94	3.24	3.13	3.08	3.00	2.96	2.93	2.91	
11	2.63	2.51	2.60	2.75	2.94	3.28	3.12	3.08	2.99	2.95	2.93	2.90	
12	2.63	2.51	2.60	2.85	2.94	3.30	3.13	3.08	2.98	2.95	2.93	2.90	
13	2.62	2.51	2.59	2.91	2.93	3.32	3.13	3.07	2.98	2.95	2.93	2.89	
14	2.62	2.51	2.58	2.91	2.93	3.37	3.13	3.07	2.98	2.95	2.93	2.88	
15	2.61	2.51	2.58	2.91	2.94	3.44	3.11	3.07	2.98	2.95	2.93	2.88	
16	2.60	2.50	2.58	2.91	2.93	3.44	3.10	3.07	2.98	2.94	2.93	2.87	
17	2.60	2.50	2.58	2.91	2.95	3.39	3.08	3.07	2.98	2.94	2.93	2.87	
18	2.60	2.64	2.57	2.91	2.94	3.36	3.08	3.08	2.98	2.94	2.93	2.87	
19	2.60	2.65	2.57	2.91	2.94	3.37	3.07	3.09	2.98	2.93	2.93	2.86	
20	2.60	2.65	2.57	2.91	2.93	3.38	3.06	3.09	2.98	2.93	2.93	2.82	
21	2.59	2.65	2.57	2.91	2.95	3.37	3.05	3.09	2.98	2.93	2.93	2.82	
22	2.58	2.64	2.56	2.90	2.94	3.37	3.04	3.08	2.98	2.93	2.93	2.81	
23	2.58	2.63	2.55	2.90	2.94	3.36	3.04	3.07	2.98	2.93	2.93	2.81	
24	2.58	2.62	2.64	2.91	2.94	3.36	3.04	3.07	2.98	2.93	2.93	2.81	
25	2.57	2.61	2.64	2.91	2.93	3.34	3.04	3.06	2.98	2.93	2.93	2.81	
26	2.56	2.61	2.63	2.92	2.93	3.32	3.04	3.05	2.98	2.93	2.93	2.81	
27	2.56	2.61	2.64	2.92	2.93	3.29	3.03	3.05	2.98	2.93	2.93	2.80	
28	2.56	2.60	2.64	2.92	2.93	3.28	3.04	3.05	2.98	2.93	2.93	2.79	
29	2.55	2.59	2.65	2.92	2.93	3.25	3.05	3.05	2.98	2.93	2.93	2.78	
30	2.54	2.60	2.66	2.92	2.94	3.23	3.05	3.04	2.98	2.93	2.93	2.78	
31		2.60		2.92	2.95		3.05		2.98	2.93		2.78	
Mean	2.61	2.56	2.60	2.83	2.94	3.24	3.10	3.07	2.99	2.95	2.93	2.86	
Max	2.68	2.65	2.66	2.92	2.95	3.44	3.21	3.09	3.03	2.98	2.93	2.93	3.44
Min	2.54	2.50	2.55	2.66	2.92	2.94	3.03	3.04	2.98	2.93	2.93	2.78	2.50
Annual Max Momentary Gage Height	3.45			m. (A.D.) ,			at 15.00 Hours ,						on Sep 15 , 2005
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,			River Bed -0.10						m. (A.D.)
Left Bank Elevation		4.72		m. (A.D.) ,									
Right Bank Elevation		5.73		m. (A.D.) ,			Drainage Are	1,150					Square Kilometers



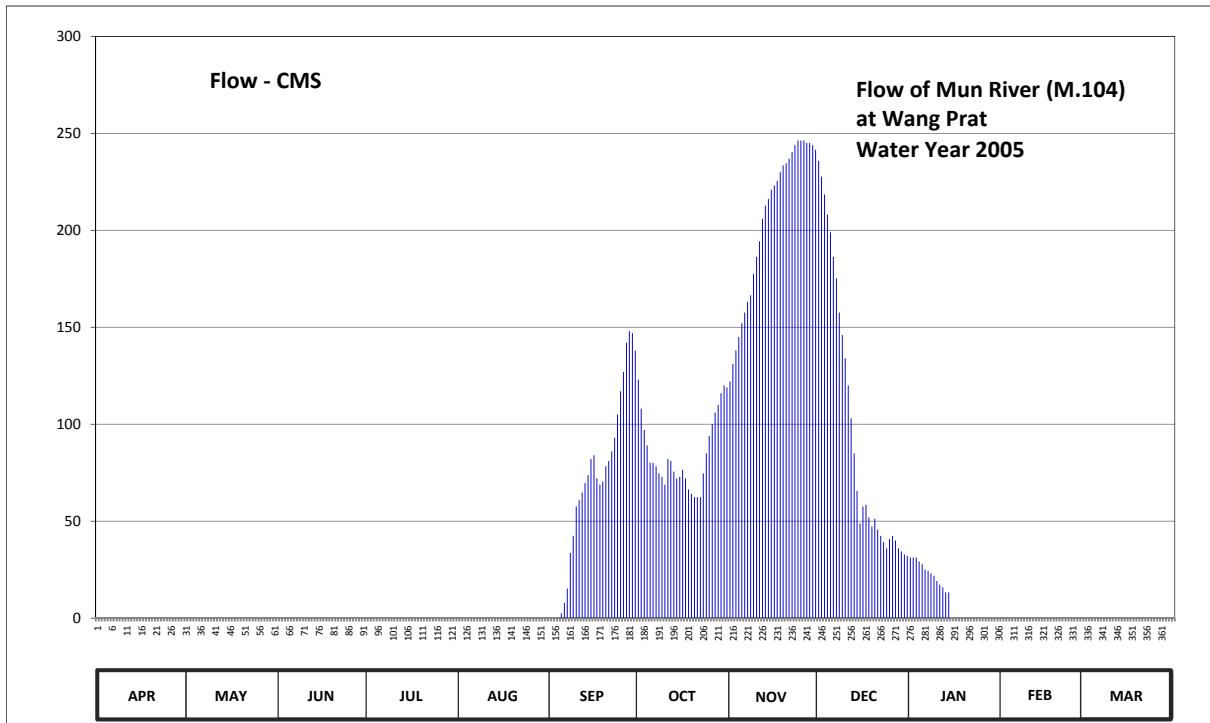
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	9.50	1.60	1.20	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	7.50	3.60	1.20	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	6.00	2.80	0.80	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	6.50	2.00	0.80	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.80	6.50	2.00	0.40	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.80	6.50	2.80	0.40	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	2.00	5.50	2.80	0.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	5.00	5.00	2.80	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	8.50	5.00	2.80	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	11.00	5.50	3.20	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	13.00	5.00	3.20	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	14.00	5.50	3.20	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	15.40	5.50	2.80	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	18.90	5.50	2.80	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	23.80	4.50	2.80	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	23.80	4.00	2.80	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	20.30	3.20	2.80	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	18.20	3.20	3.20	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	18.90	2.80	3.60	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	19.60	2.40	3.60	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	18.90	2.00	3.60	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	18.90	1.60	3.20	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	18.20	1.60	2.80	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	18.20	1.60	2.80	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	16.80	1.60	2.40	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	15.40	1.60	2.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	13.50	1.20	2.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	13.00	1.60	2.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	11.50	2.00	2.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	10.50	2.00	1.60	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	368.90	123.90	81.60	5.20	0.00	0.00	0.00	579.60 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	12.30	4.00	2.72	0.17	0.00	0.00	0.00	1.59 CMS
Max	0.00	0.00	0.00	0.00	0.00	23.80	9.50	3.60	1.20	0.00	0.00	0.00	23.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.60	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	31.87	10.71	7.05	0.45	0.00	0.00	0.00	50.08 MCM
Momentary Peak	24.50	CMS. at 3.45 m. (A.D.) at 15.00 Hours , on Sep 15, 2005											
Runoff Yield	1.38	Liters/Second/Square KM. Momentary Peak Yield 21.304 Liters/Second/Square KM.											



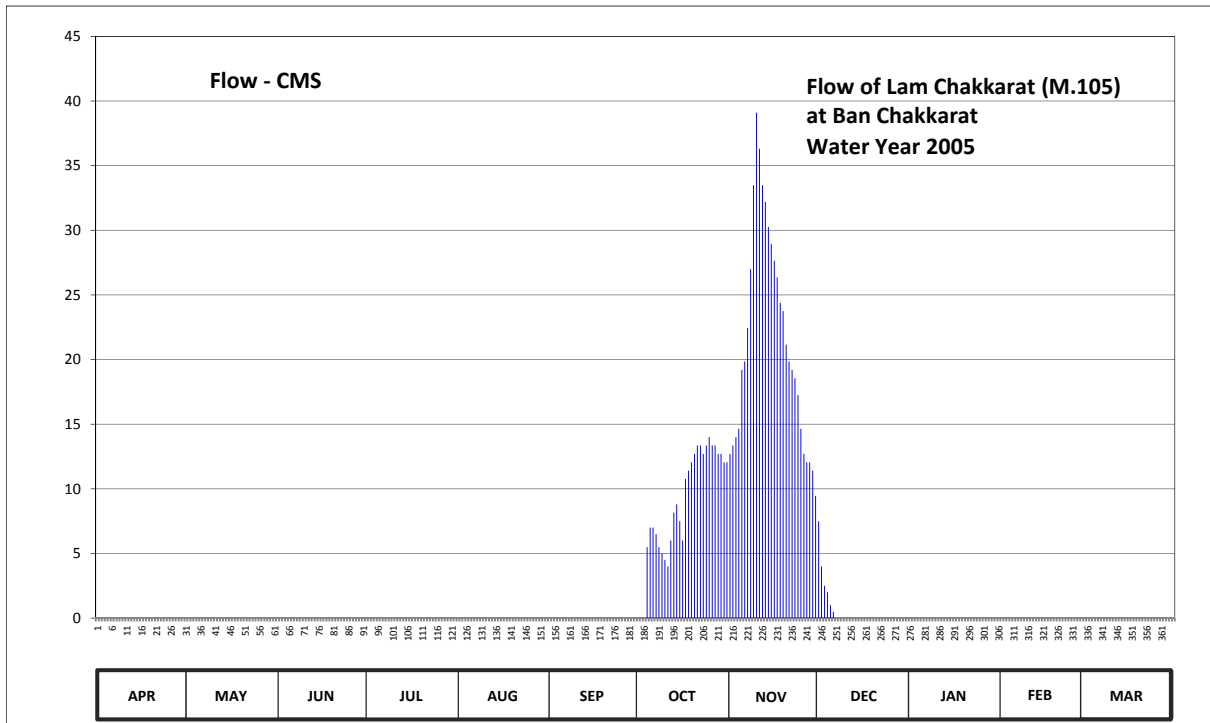
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	2.60	20.00	1.80	0.20	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	2.30	18.50	1.80	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	2.30	18.50	2.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	2.60	17.00	2.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	2.60	47.00	2.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	2.60	47.00	2.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	2.60	47.00	2.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	2.60	37.40	1.80	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	3.50	3.50	32.60	1.80	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	15.50	3.50	32.60	1.80	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	8.00	2.60	57.80	1.60	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	11.00	3.20	57.80	1.60	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	7.10	3.35	32.60	1.60	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	17.00	3.50	37.40	1.60	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	20.00	3.50	32.60	1.60	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	8.00	3.20	32.60	1.60	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	6.20	4.40	20.00	1.60	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	3.50	6.20	18.50	1.40	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	3.50	6.20	14.00	1.40	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	4.40	7.10	14.00	1.20	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	12.50	8.00	6.20	1.20	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	11.00	8.00	5.30	0.80	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	14.00	12.50	5.30	0.80	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	7.10	15.50	4.40	0.80	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	7.10	11.00	3.50	0.60	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	6.65	18.50	2.75	0.60	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	4.40	23.00	2.75	0.60	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	3.50	23.00	2.30	0.60	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	2.30	23.00	2.30	0.20	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	2.60	11.00	2.00	0.30	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	21.50			0.30	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	178.85	245.45	671.70	41.00	0.20	0.00	0.00	1137.20 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	5.96	7.92	22.39	1.32	0.01	0.00	0.00	3.12 CMS
Max	0.00	0.00	0.00	0.00	0.00	20.00	23.00	57.80	2.00	0.20	0.00	0.00	57.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	2.30	2.00	0.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	15.45	21.21	58.04	3.54	0.02	0.00	0.00	98.25 MCM
Momentary Peak	57.80	CMS. at 1.84 m. (A.D.) at 06.00 Hours , on Nov 11, 2005											
Runoff Yield	23.78	Liters/Second/Square KM. Momentary Peak Yield 441.221 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	123.00	122.00	235.75	31.30	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	108.00	131.00	227.70	31.30	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	97.00	138.00	218.50	31.30	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	89.00	145.00	208.15	29.20	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	2.40	80.10	152.10	198.95	27.80	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	7.80	80.10	157.60	186.30	25.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	15.25	78.30	163.10	175.20	24.35	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	33.60	74.70	166.40	157.60	23.05	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	42.40	72.90	177.40	146.00	21.75	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	57.60	68.80	186.30	134.00	19.15	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	60.80	82.00	194.35	120.00	17.20	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	64.80	81.00	205.85	103.00	15.90	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	69.60	75.60	212.75	85.00	13.30	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	73.80	72.00	216.20	65.60	13.30	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	82.00	72.90	220.80	48.80	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	84.00	76.50	223.10	57.60	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	72.00	72.00	225.40	58.40	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	68.80	66.40	230.00	52.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	70.40	64.00	233.45	47.20	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	78.30	62.40	234.60	51.20	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	81.00	62.40	236.90	45.60	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	86.00	62.40	240.35	42.40	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	93.00	74.70	243.90	39.20	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	105.00	85.00	246.30	36.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	117.00	94.00	246.30	40.80	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	127.00	100.00	246.30	42.40	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	142.00	106.00	245.10	40.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	148.00	110.00	245.10	36.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	147.00	116.00	243.90	34.40	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	138.00	120.00	241.50	32.80	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	119.00	119.00	32.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	2067.55	2646.20	6171.05	2998.55	323.90	0.00	0.00	14207.25 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	68.92	85.36	205.70	96.73	10.45	0.00	0.00	38.92 CMS
Max	0.00	0.00	0.00	0.00	0.00	148.00	123.00	246.30	235.75	31.30	0.00	0.00	246.30 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	62.40	122.00	32.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	178.64	228.63	533.18	259.08	27.99	0.00	0.00	1227.51 MCM
Momentary Peak	246.30	CMS. at 4.74 m. (A.D.) at 06.00 Hours , on Nov 24, 2005											
Runoff Yield	1.57	Liters/Second/Square KM. Momentary Peak Yield 9,915 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70	7.50	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.35	4.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	2.50	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	5.50	14.65	2.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	7.00	19.20	1.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	7.00	19.85	0.50	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	6.50	22.45	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	5.50	27.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	5.00	33.50	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	4.50	39.10	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	4.00	36.30	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	6.00	33.50	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	8.15	32.20	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	8.80	30.25	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	7.50	28.95	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	6.00	27.65	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	10.75	26.35	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	11.40	24.40	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	12.05	23.75	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	12.70	21.15	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	13.35	19.85	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	13.35	19.20	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	12.70	18.55	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	13.35	17.25	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	14.00	14.65	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.00	13.35	12.70	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	13.35	12.05	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	12.70	12.05	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	12.70	11.40	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	12.05	9.45	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	12.05	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	0.00	271.30	647.45	17.50	0.00	0.00	0.00	936.25 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	0.00	8.75	21.58	0.56	0.00	0.00	0.00	2.57 CMS
Max	0.00	0.00	0.00	0.00	0.00	0.00	14.00	39.10	7.50	0.00	0.00	0.00	39.10 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.45	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	0.00	23.44	55.94	1.51	0.00	0.00	0.00	80.89 MCM
Momentary Peak	39.10 CMS. at 2.88 m. (A.D.) at 06.00 Hours , on Nov 10, 2005												
Runoff Yield	1.97 Liters/Second/Square KM. Momentary Peak Yield 30,077 Liters/Second/Square KM.												

WATER YEAR : 2005

MUN RIVER BASIN

Huai Tunglung at Ban Don Yai, Ubon Ratchathani (M.110)

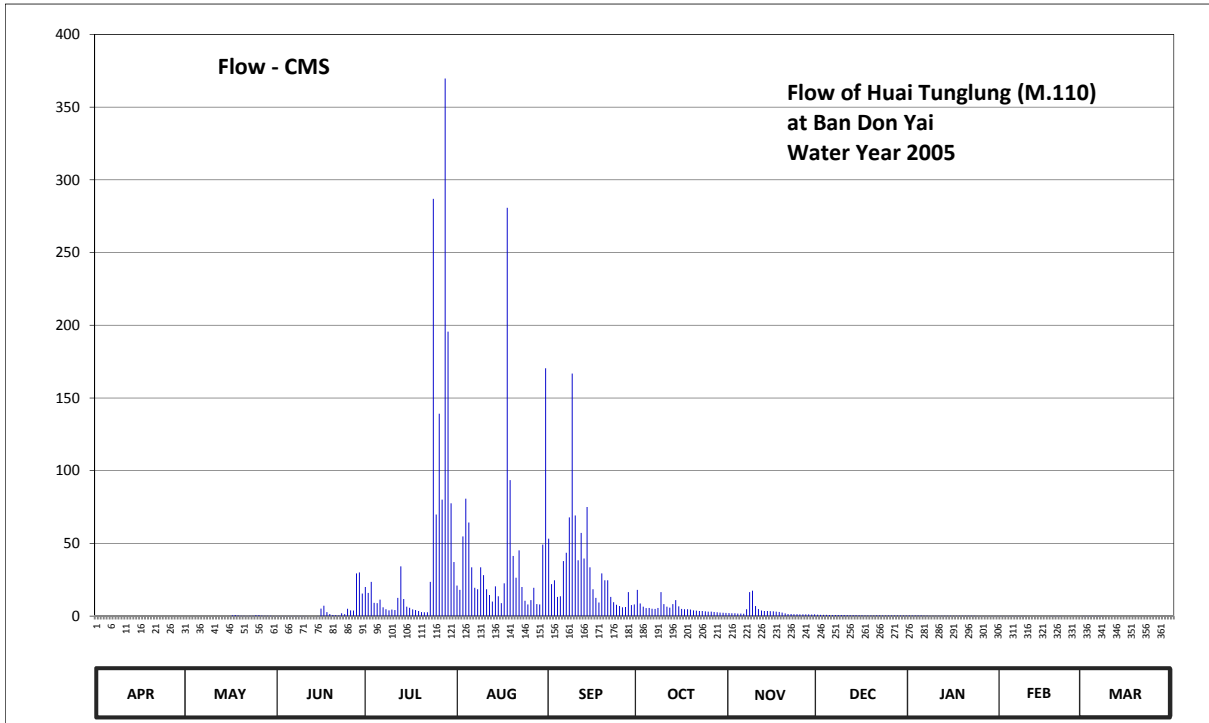
Lat 15 - 26 - 36 N Long 105 - 18 - 30 E

Location : on left bank at the bridge on trakan Phutphon - Khong Chiam Highway.

	Ban Don Yai	Amphoe Si Mueang Mai	Changwat Ubon Ratchathani
Drainage Area	570 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+10.400 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1982 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The weirs situated about 10 kilometers upstream and downstream from the gage site Stage-discharge relation defined by 48 discharge measurements made in 2005.		

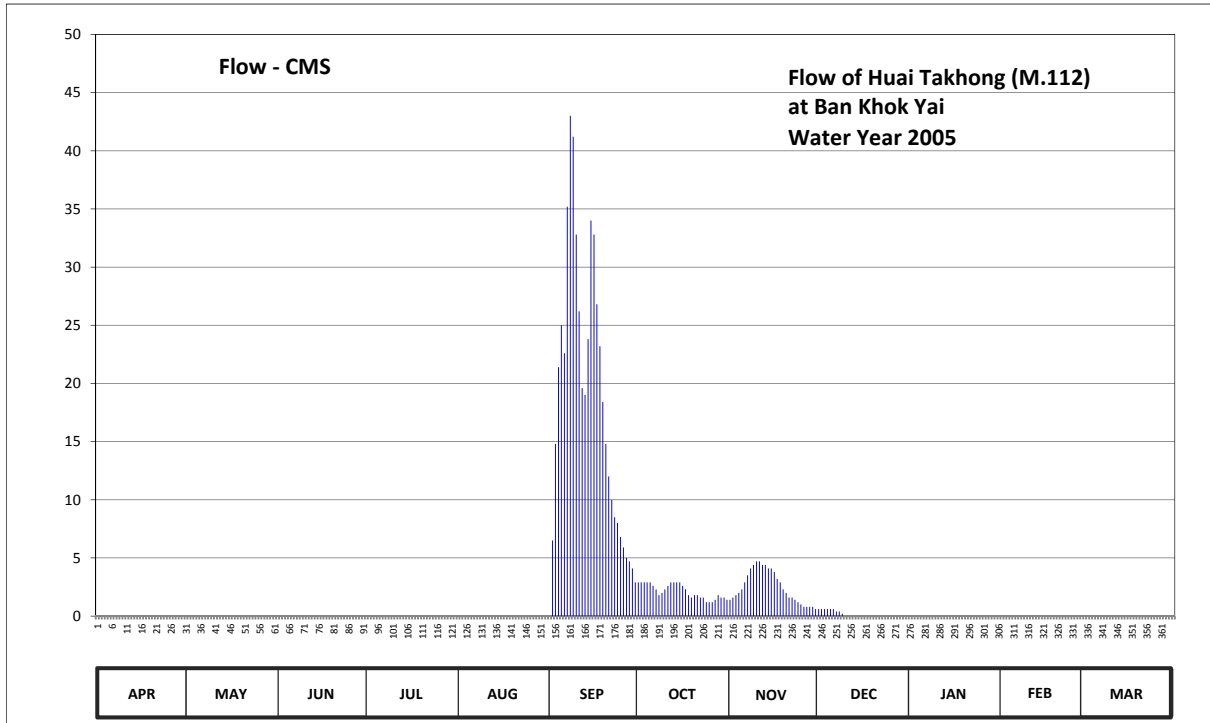
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.37	-0.37	-0.36	0.72	0.74	1.24	0.68	-0.04	-0.17	-0.27	-0.36	-0.35	
2	-0.34	-0.38	-0.35	0.64	0.68	0.76	0.43	-0.05	-0.18	-0.27	-0.36	-0.35	
3	-0.35	-0.38	-0.34	0.79	1.26	0.81	0.33	-0.05	-0.19	-0.27	-0.36	-0.36	
4	-0.37	-0.39	-0.35	0.45	1.63	0.58	0.27	-0.07	-0.19	-0.27	-0.36	-0.36	
5	-0.38	-0.39	-0.35	0.44	1.38	0.59	0.28	-0.07	-0.20	-0.27	-0.36	-0.36	
6	-0.38	-0.39	-0.36	0.53	0.96	1.03	0.23	-0.08	-0.20	-0.28	-0.36	-0.37	
7	-0.38	-0.40	-0.36	0.31	0.71	1.12	0.22	0.20	-0.20	-0.28	-0.37	-0.37	
8	-0.38	-0.36	-0.37	0.20	0.69	1.43	0.28	0.65	-0.21	-0.29	-0.37	-0.38	
9	-0.38	-0.34	-0.33	0.13	0.96	2.34	0.65	0.67	-0.21	-0.29	-0.37	-0.38	
10	-0.38	-0.35	-0.36	0.18	0.87	1.45	0.41	0.35	-0.21	-0.30	-0.38	-0.39	
11	-0.38	-0.36	-0.36	0.15	0.69	1.04	0.33	0.21	-0.22	-0.30	-0.38	-0.39	
12	-0.38	-0.36	-0.38	0.56	0.61	1.29	0.30	0.12	-0.22	-0.30	-0.38	-0.40	
13	-0.38	-0.36	-0.38	0.97	0.49	1.06	0.41	0.09	-0.23	-0.30	-0.39	-0.40	
14	-0.38	-0.38	-0.38	0.54	0.73	1.54	0.52	0.09	-0.23	-0.30	-0.39	-0.41	
15	-0.38	-0.39	-0.33	0.33	0.59	0.96	0.34	0.08	-0.24	-0.31	-0.39	-0.42	
16	-0.38	-0.39	0.24	0.29	0.44	0.69	0.22	0.07	-0.25	-0.31	-0.39	-0.42	
17	-0.38	-0.25	0.36	0.19	0.77	0.56	0.20	0.05	-0.26	-0.31	-0.39	-0.42	
18	-0.38	-0.20	0.02	0.15	2.87	0.46	0.20	0.03	-0.26	-0.31	-0.35	-0.42	
19	-0.39	-0.26	-0.10	0.09	1.75	0.89	0.18	-0.01	-0.27	-0.32	-0.36	-0.42	
20	-0.39	-0.30	-0.20	0.02	1.09	0.81	0.13	-0.06	-0.27	-0.31	-0.37	-0.42	
21	-0.40	-0.32	-0.23	0.01	0.84	0.81	0.11	-0.10	-0.24	-0.30	-0.37	-0.42	
22	-0.40	-0.35	-0.26	0.01	1.14	0.58	0.09	-0.10	-0.25	-0.31	-0.38	-0.42	
23	-0.40	-0.31	-0.05	0.79	0.72	0.47	0.09	-0.12	-0.26	-0.31	-0.38	-0.42	
24	-0.41	-0.30	-0.12	2.89	0.51	0.39	0.07	-0.12	-0.26	-0.33	-0.39	-0.42	
25	-0.42	-0.23	0.23	1.46	0.40	0.35	0.05	-0.13	-0.27	-0.35	-0.40	-0.43	
26	-0.40	-0.23	0.13	2.11	0.52	0.31	0.05	-0.13	-0.27	-0.36	-0.40	-0.43	
27	-0.40	-0.28	0.12	1.62	0.71	0.32	0.03	-0.14	-0.27	-0.36	-0.40	-0.43	
28	-0.38	-0.32	0.89	3.16	0.41	0.65	0.01	-0.14	-0.27	-0.36	-0.40	-0.41	
29	-0.38	-0.32	0.90	2.58	0.40	0.38	-0.01	-0.15	-0.27	-0.36	-0.40	-0.41	
30	-0.37	-0.32	0.63	1.58	1.19	0.40	-0.02	-0.14	-0.27	-0.36	-0.40	-0.42	
31		-0.35		1.02	2.37		-0.03		-0.27	-0.36		-0.41	
Mean	-0.38	-0.33	-0.09	0.80	0.94	0.84	0.23	0.03	-0.24	-0.31	-0.38	-0.40	
Max	-0.34	-0.20	0.90	3.16	2.87	2.34	0.68	0.67	-0.17	-0.27	-0.35	-0.35	3.16
Min	-0.42	-0.40	-0.38	0.01	0.40	0.31	-0.03	-0.15	-0.27	-0.36	-0.40	-0.43	-0.43
Annual Max Momentary Gage Height	3.51			m. (A.D.) ,					at 19.00 Hours ,				on Jul 28, 2005
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,			River Bed -0.51		m. (A.D.) ,				
Left Bank Elevation	4.87			m. (A.D.) ,									
Right Bank Elevation	4.09			m. (A.D.) ,		Drainage Are	570		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.08	20.00	21.00	53.20	18.00	2.06	0.98	0.38	0.08	0.10	
2	0.00	0.00	0.10	16.00	18.00	22.00	8.66	1.95	0.92	0.38	0.08	0.10	
3	0.00	0.00	0.12	23.50	54.80	24.60	6.46	1.95	0.86	0.38	0.08	0.08	
4	0.00	0.00	0.10	9.10	80.79	13.24	5.47	1.73	0.86	0.38	0.08	0.08	
5	0.00	0.00	0.10	8.88	64.40	13.62	5.58	1.73	0.80	0.38	0.08	0.08	
6	0.00	0.00	0.08	11.34	33.60	37.80	5.03	1.62	0.80	0.32	0.08	0.06	
7	0.00	0.00	0.08	6.02	19.50	43.60	4.92	4.70	0.80	0.32	0.06	0.06	
8	0.00	0.00	0.06	4.70	18.50	67.93	5.58	16.50	0.74	0.26	0.06	0.04	
9	0.00	0.00	0.14	3.93	33.60	166.80	16.50	17.50	0.74	0.26	0.06	0.04	
10	0.00	0.00	0.08	4.48	28.20	69.21	8.22	6.90	0.74	0.20	0.04	0.02	
11	0.00	0.00	0.08	4.15	18.50	38.40	6.46	4.81	0.68	0.20	0.04	0.02	
12	0.00	0.00	0.04	12.48	14.50	57.20	5.80	3.82	0.68	0.20	0.04	0.00	
13	0.00	0.00	0.04	34.20	9.98	39.60	8.22	3.49	0.62	0.20	0.02	0.00	
14	0.00	0.00	0.04	11.72	20.50	75.00	10.96	3.49	0.62	0.20	0.02	0.00	
15	0.00	0.00	0.14	6.46	13.62	33.60	6.68	3.38	0.56	0.18	0.02	0.00	
16	0.00	0.00	5.14	5.69	8.88	18.50	4.92	3.27	0.50	0.18	0.02	0.00	
17	0.00	0.50	7.12	4.59	22.50	12.48	4.70	3.05	0.44	0.18	0.02	0.00	
18	0.00	0.80	2.72	4.15	280.80	9.32	4.70	2.83	0.44	0.18	0.10	0.00	
19	0.00	0.44	1.40	3.49	93.55	29.40	4.48	2.39	0.38	0.16	0.08	0.00	
20	0.00	0.20	0.80	2.72	41.40	24.60	3.93	1.84	0.38	0.18	0.06	0.00	
21	0.00	0.16	0.62	2.61	26.40	24.60	3.71	1.40	0.56	0.20	0.06	0.00	
22	0.00	0.10	0.44	2.61	45.20	13.24	3.49	1.40	0.50	0.18	0.04	0.00	
23	0.00	0.18	1.95	23.50	20.00	9.54	3.49	1.28	0.44	0.18	0.04	0.00	
24	0.00	0.20	1.28	286.93	10.58	7.78	3.27	1.28	0.44	0.14	0.02	0.00	
25	0.00	0.62	5.03	69.86	8.00	6.90	3.05	1.22	0.38	0.10	0.00	0.00	
26	0.00	0.62	3.93	139.20	10.96	6.02	3.05	1.22	0.38	0.08	0.00	0.00	
27	0.00	0.32	3.82	80.14	19.50	6.24	2.83	1.16	0.38	0.08	0.00	0.00	
28	0.00	0.16	29.40	369.73	8.22	16.50	2.61	1.16	0.38	0.08	0.00	0.00	
29	0.00	0.16	30.00	195.60	8.00	7.56	2.39	1.10	0.38	0.08	0.00	0.00	
30	0.00	0.16	15.50	77.57	49.20	8.00	2.28	1.16	0.38	0.08	0.00	0.00	
31	0.00	0.10		37.20	170.40		2.17		0.38	0.08		0.00	
Total	0.00	4.72	110.43	1482.55	1273.08	956.48	177.61	101.39	18.14	6.40	1.28	0.68	4132.76 CMSDAY
Mean	0.00	0.15	3.68	47.82	41.07	31.88	5.73	3.38	0.59	0.21	0.05	0.02	11.32 CMS
Max	0.00	0.80	30.00	369.73	280.80	166.80	18.00	17.50	0.98	0.38	0.10	0.10	369.73 CMS
Min	0.00	0.00	0.04	2.61	8.00	6.02	2.17	1.10	0.38	0.08	0.00	0.00	0.00 CMS
Runoff	0.00	0.41	9.54	128.09	109.99	82.64	15.35	8.76	1.57	0.55	0.11	0.06	357.07 MCM
Momentary Peak	389.75	CMS, at 3.51 m. (A.D.) , at 19.00 Hours , on Jul 28, 2005											
Runoff Yield	19.86	Liters/Second/Square KM. Momentary Peak Yield 683.772 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	2.90	1.40	0.60	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	6.50	2.90	1.60	0.60	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	14.80	2.90	1.80	0.60	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	21.40	2.90	2.00	0.60	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	25.00	2.90	2.30	0.60	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	22.60	2.60	2.90	0.60	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	35.20	2.30	3.50	0.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	43.00	1.80	4.10	0.40	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	41.20	2.00	4.40	0.20	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	32.80	2.30	4.70	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	26.20	2.60	4.70	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	19.60	2.90	4.40	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	19.00	2.90	4.40	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	23.80	2.90	4.10	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	34.00	2.90	4.10	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	32.80	2.60	3.80	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	26.80	2.30	3.20	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	23.20	1.80	2.90	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	18.40	1.60	2.30	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	14.80	1.80	2.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	12.00	1.80	1.60	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	10.00	1.60	1.60	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	8.50	1.60	1.40	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	8.00	1.20	1.20	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	6.80	1.20	1.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	5.90	1.20	0.80	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	5.00	1.40	0.80	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	4.70	1.80	0.80	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	4.10	1.60	0.80	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	2.90	1.60	0.60	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	549.00	66.20	75.20	4.60	0.00	0.00	0.00	695.00 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	18.30	2.14	2.51	0.15	0.00	0.00	0.00	1.90 CMS
Max	0.00	0.00	0.00	0.00	0.00	43.00	2.90	4.70	0.60	0.00	0.00	0.00	43.00 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.60	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	47.43	5.72	6.50	0.40	0.00	0.00	0.00	60.05 MCM
Momentary Peak	43.60	CMS, at 5.51 m. (A.D.) , at 12.00 Hours , on Sep 8, 2005											
Runoff Yield	1.55	Liters/Second/Square KM. Momentary Peak Yield 35,390 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Lam Chiang Sa at Ban Khok Sakae Rat , Nakhon Ratchasima (M.119)

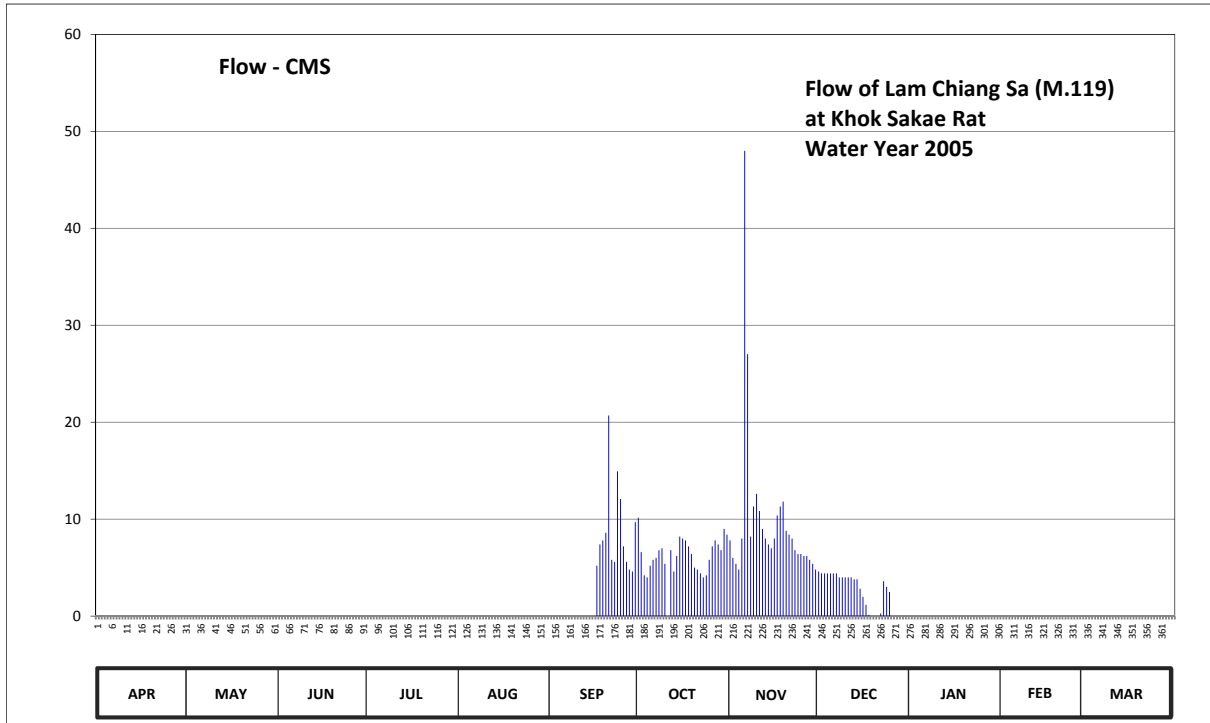
Lat 14 - 36 - 17 N Long 102 - 01 - 58 E

Location : on left bank at the bridge on Highway.

	Ban Khok Sakae Rat	Amphoe Pak Thong Chai	Changwat Nakhon Ratchasima
Drainage Area	327	sq.km.	
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000	m. (A.D.)	
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 4 meters from the top staff gage.		Elevation +5.226 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1983 to date.		
Rated by Flot	-		
Rated by Current Meter	1983 to date.		
Stability of Channel Regimes	Fairly stable with variable water surface slope.Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +4.370 m.(A.D.) and is including overbank flow.		
General Description	Records poor. Stage discharge relation defined by 8 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	0.05	0.01	0.01	-0.15	-0.08	2.95	2.84	2.68	1.50	1.46	0.83	
2	0.18	0.05	0.01	-0.01	-0.15	-0.08	2.78	2.75	2.67	1.54	1.45	0.77	
3	0.18	0.04	0.01	-0.02	-0.15	-0.08	2.66	2.72	2.67	1.70	1.45	0.75	
4	0.17	0.04	0.01	-0.02	-0.16	-0.08	2.65	2.69	2.67	1.68	1.44	0.74	
5	0.17	0.04	0.01	-0.03	-0.17	-0.08	2.71	2.85	2.67	1.67	1.44	0.75	
6	0.17	0.04	0.01	-0.03	-0.18	-0.08	2.74	4.10	2.67	1.78	1.41	0.75	
7	0.14	0.04	0.01	-0.04	-0.18	-0.08	2.75	3.54	2.67	1.74	1.34	0.75	
8	0.11	0.03	0.01	-0.05	-0.19	-0.08	2.79	2.86	2.65	1.68	1.30	0.75	
9	0.10	0.02	0.01	-0.06	-0.20	-0.08	2.80	3.00	2.65	1.66	1.30	0.75	
10	0.09	0.02	0.01	-0.07	-0.08	0.11	2.72	3.05	2.65	1.65	1.29	0.75	
11	0.08	0.01	0.01	-0.08	-0.08	0.15	2.00	2.98	2.65	1.63	1.25	0.74	
12	0.07	0.01	0.01	-0.09	-0.08	0.16	2.79	2.90	2.65	1.65	1.22	0.73	
13	0.07	0.02	0.01	-0.10	-0.08	0.21	2.68	2.85	2.64	1.69	1.20	0.74	
14	0.06	0.02	0.01	-0.10	-0.08	0.37	2.76	2.82	2.64	1.72	1.15	0.75	
15	0.05	0.03	0.01	-0.11	-0.08	0.43	2.86	2.80	2.59	1.73	1.12	0.75	
16	0.05	0.02	0.01	-0.11	-0.08	0.46	2.85	2.85	2.54	1.72	1.04	0.77	
17	0.05	0.02	0.01	-0.11	-0.08	2.71	2.84	2.96	2.49	1.70	1.02	0.79	
18	0.05	0.02	0.01	-0.11	-0.08	2.82	2.81	3.00	2.41	1.66	1.05	0.79	
19	0.05	0.01	0.01	-0.11	-0.08	2.84	2.77	3.02	2.35	1.65	1.09	0.78	
20	0.05	0.01	0.01	-0.12	-0.08	2.88	2.70	2.89	2.36	1.65	1.07	0.78	
21	0.06	0.02	0.01	-0.12	-0.08	3.34	2.69	2.87	2.36	1.65	1.06	0.70	
22	0.06	0.02	0.01	-0.12	-0.08	2.74	2.67	2.85	2.42	1.61	1.05	0.64	
23	0.06	0.02	0.01	-0.13	-0.08	2.73	2.65	2.79	2.63	1.59	1.02	0.60	
24	0.06	0.01	0.01	-0.13	-0.08	3.14	2.66	2.77	2.60	1.58	1.01	0.58	
25	0.06	0.01	0.01	-0.13	-0.08	3.03	2.74	2.77	2.57	1.58	1.00	0.56	
26	0.05	0.01	0.01	-0.13	-0.08	2.81	2.81	2.76	2.38	1.53	0.99	0.48	
27	0.05	0.01	0.01	-0.13	-0.08	2.73	2.84	2.76	2.20	1.52	0.97	0.41	
28	0.05	0.01	0.01	-0.14	-0.08	2.69	2.82	2.74	2.16	1.51	0.87	0.39	
29	0.04	0.01	0.01	-0.14	-0.08	2.68	2.79	2.72	2.06	1.48		0.42	
30	0.01	0.01	0.01	-0.14	-0.08	2.93	2.90	2.69	1.80	1.46		0.45	
31		0.01		-0.14	-0.08		2.87		1.60	1.46		0.49	
Mean	0.09	0.02	0.01	-0.09	-0.11	1.37	2.74	2.91	2.48	1.62	1.18	0.68	
Max	0.19	0.05	0.01	0.01	-0.08	3.34	2.95	4.10	2.68	1.78	1.46	0.83	4.10
Min	0.01	0.01	0.01	-0.14	-0.20	-0.08	2.00	2.69	1.60	1.46	0.87	0.39	-0.20
Annual Max Momentary Gage Height	4.40			m. (A.D.) ,			at 12.00 Hours ,						on Nov 6, 2005
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,		River Bed	-0.08	m. (A.D.) ,					
Left Bank Elevation	4.91			m. (A.D.) ,									
Right Bank Elevation	4.36			m. (A.D.) ,		Drainage Are	327	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	10.15	7.80	4.60	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	6.60	6.00	4.40	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	4.20	5.40	4.40	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.80	4.40	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	5.20	8.00	4.40	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	5.80	48.00	4.40	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	6.00	27.02	4.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	6.80	8.20	4.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	7.00	11.30	4.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	5.40	12.60	4.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84	4.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	6.80	9.00	4.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	4.60	8.00	3.80	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	6.20	7.40	3.80	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	8.20	7.00	2.83	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	8.00	8.00	1.98	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	5.20	7.80	10.38	1.17	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	7.40	7.20	11.30	0.13	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	7.80	6.40	11.82	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	8.60	5.00	8.80	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	20.70	4.80	8.40	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	5.80	4.40	8.00	0.26	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	5.60	4.00	6.80	3.60	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	14.94	4.20	6.40	3.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	12.08	5.80	6.40	2.49	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	7.20	7.20	6.20	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	5.60	7.80	6.20	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	4.80	7.40	5.80	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	4.60	6.80	5.40	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	9.69	9.00	4.80	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	120.01	191.15	296.06	74.06	0.00	0.00	0.00	681.28 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	4.00	6.17	9.87	2.39	0.00	0.00	0.00	1.87 CMS
Max	0.00	0.00	0.00	0.00	0.00	20.70	10.15	48.00	4.60	0.00	0.00	0.00	48.00 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.80	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	10.37	16.52	25.58	6.40	0.00	0.00	0.00	58.86 MCM
Momentary Peak	60.00	CMS, at 4.40 m. (A.D.) , at 12.00 Hours , on Nov 6, 2005											
Runoff Yield	5.71	Liters/Second/Square KM. Momentary Peak Yield 183.486 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN****Huai Ta Thieo at Ban Na Hai, Ubon Ratchathani (M.127)**

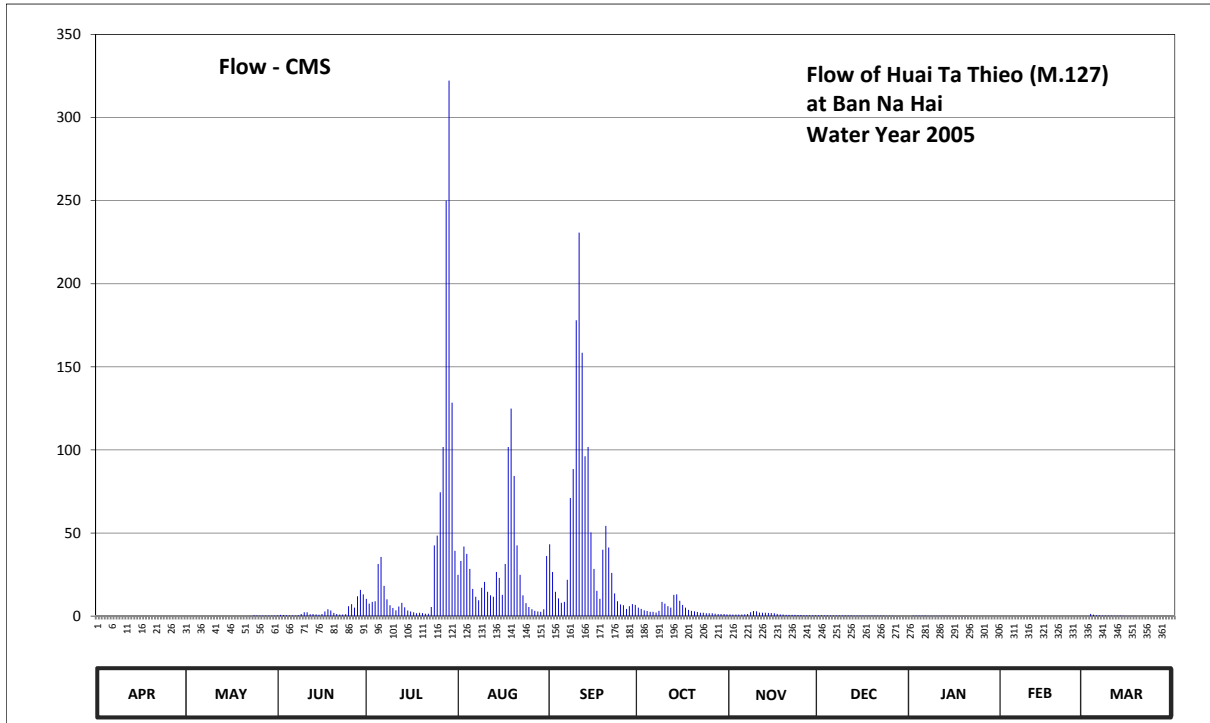
Lat 15 - 38 - 37 N Long 104 - 55 - 57 E

Location : on left bank at the bridge on road.

	Ban Na Hai	Amphoe Trakan Phutphon	Changwat Ubon Ratchathani
Drainage Area	424 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream side at the abutment of the bridge.	Elevation	+11.514 m. (A.D.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Fairly stable with variable water surface slope.		
Overbank Flow Conditions	Overbank flow starts at elevation +5.910 m.(A.D.) and is including overbank flow.		
General Description	Records good. The weir situated about 300 meters downstream from the gage site. Stage-discharge relation defined by 26 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.88	0.87	1.27	1.88	2.18	2.48	1.68	1.38	1.29	1.14	1.17	1.06	
2	0.88	0.87	1.34	1.78	2.32	2.21	1.64	1.37	1.29	1.26	1.17	1.06	
3	0.88	0.86	1.33	1.82	2.46	2.01	1.60	1.37	1.28	1.26	1.17	1.42	
4	0.87	0.85	1.29	1.83	2.39	1.89	1.57	1.36	1.28	1.26	1.17	1.35	
5	0.87	0.84	1.27	2.29	2.24	1.80	1.54	1.36	1.28	1.25	1.16	1.30	
6	0.87	0.84	1.27	2.36	2.04	1.82	1.54	1.38	1.28	1.25	1.16	1.28	
7	0.86	0.83	1.26	2.07	1.92	2.13	1.51	1.41	1.28	1.24	1.15	1.26	
8	0.86	0.83	1.29	1.87	1.85	2.90	1.58	1.52	1.28	1.24	1.14	1.26	
9	0.86	0.83	1.41	1.74	2.05	3.15	1.82	1.57	1.28	1.24	1.14	1.25	
10	0.85	0.83	1.52	1.67	2.11	4.40	1.78	1.56	1.28	1.23	1.12	1.25	
11	0.85	0.85	1.52	1.60	2.01	5.06	1.72	1.51	1.27	1.23	1.11	1.24	
12	0.85	0.87	1.39	1.71	1.95	4.14	1.68	1.50	1.27	1.23	1.11	1.24	
13	0.85	0.86	1.40	1.80	1.92	3.26	1.96	1.50	1.26	1.23	1.11	1.25	
14	0.84	0.86	1.38	1.69	2.21	3.34	1.97	1.49	1.26	1.23	1.11	1.24	
15	0.82	0.86	1.35	1.59	2.15	2.59	1.84	1.48	1.26	1.22	1.11	1.22	
16	0.81	0.87	1.41	1.55	1.96	2.24	1.75	1.47	1.25	1.22	1.10	1.21	
17	0.80	0.89	1.55	1.52	2.29	2.02	1.68	1.42	1.25	1.22	1.10	1.21	
18	0.80	0.95	1.63	1.46	3.34	1.88	1.61	1.38	1.25	1.22	1.10	1.21	
19	0.84	0.96	1.59	1.50	3.67	2.43	1.58	1.36	1.25	1.21	1.10	1.20	
20	0.90	0.96	1.49	1.48	3.09	2.65	1.56	1.34	1.25	1.21	1.09	1.20	
21	0.90	0.95	1.41	1.43	2.47	2.45	1.53	1.34	1.25	1.20	1.09	1.20	
22	0.90	0.95	1.37	1.43	2.18	2.20	1.50	1.34	1.25	1.20	1.08	1.19	
23	0.90	1.22	1.36	1.70	1.95	1.99	1.50	1.34	1.25	1.20	1.08	1.19	
24	0.89	1.29	1.39	2.47	1.79	1.83	1.47	1.32	1.24	1.19	1.07	1.19	
25	0.88	1.28	1.72	2.56	1.70	1.76	1.47	1.32	1.24	1.19	1.07	1.18	
26	0.86	1.26	1.77	2.95	1.63	1.74	1.46	1.30	1.23	1.19	1.06	1.18	
27	0.86	1.25	1.68	3.34	1.58	1.64	1.43	1.30	1.22	1.18	1.06	1.16	
28	0.86	1.25	1.93	5.30	1.55	1.72	1.41	1.29	1.21	1.18	1.06	1.15	
29	0.86	1.26	2.03	6.18	1.54	1.77	1.40	1.29	1.17	1.17	1.06	1.14	
30	0.86	1.26	1.97	3.72	1.63	1.75	1.40	1.29	1.16	1.17	1.06	1.15	
31		1.26		2.42	2.37		1.38		1.15	1.17		1.16	
Mean	0.86	0.99	1.49	2.22	2.15	2.44	1.60	1.40	1.25	1.21	1.11	1.21	
Max	0.90	1.29	2.03	6.18	3.67	5.06	1.97	1.57	1.29	1.26	1.17	1.42	6.18
Min	0.80	0.83	1.26	1.43	1.54	1.64	1.38	1.29	1.15	1.14	1.06	1.06	0.80
Annual Max Momentary Gage Height	6.82		m. (A.D.) ,			at 04.00 Hours ,							
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	-0.74	m. (A.D.)					
Left Bank Elevation	6.80		m. (A.D.) ,										
Right Bank Elevation	5.90		m. (A.D.) ,			Drainage Are	424	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.35	10.40	24.80	43.20	5.10	1.06	0.45	0.00	0.00	0.00	
2	0.00	0.00	0.78	7.50	33.20	26.60	4.30	0.99	0.45	0.30	0.00	0.00	
3	0.00	0.00	0.71	8.60	41.90	14.60	3.50	0.99	0.40	0.30	0.00	1.36	
4	0.00	0.00	0.45	8.90	37.40	10.70	3.05	0.92	0.40	0.30	0.00	0.85	
5	0.00	0.00	0.35	31.40	28.40	8.00	2.60	0.92	0.40	0.25	0.00	0.50	
6	0.00	0.00	0.35	35.60	16.40	8.60	2.60	1.06	0.40	0.25	0.00	0.40	
7	0.00	0.00	0.30	18.20	11.60	21.80	2.15	1.28	0.40	0.20	0.00	0.30	
8	0.00	0.00	0.45	10.10	9.50	71.00	3.20	2.30	0.40	0.20	0.00	0.30	
9	0.00	0.00	1.28	6.50	17.00	88.50	8.60	3.05	0.40	0.20	0.00	0.25	
10	0.00	0.00	2.30	4.90	20.60	178.00	7.50	2.90	0.40	0.15	0.00	0.25	
11	0.00	0.00	2.30	3.50	14.60	230.80	6.00	2.15	0.35	0.15	0.00	0.20	
12	0.00	0.00	1.13	5.75	12.50	158.50	5.10	2.00	0.35	0.15	0.00	0.20	
13	0.00	0.00	1.20	8.00	11.60	96.20	12.80	2.00	0.30	0.15	0.00	0.25	
14	0.00	0.00	1.06	5.30	26.60	101.80	13.10	1.92	0.30	0.15	0.00	0.20	
15	0.00	0.00	0.85	3.35	23.00	50.35	9.20	1.84	0.30	0.10	0.00	0.10	
16	0.00	0.00	1.28	2.75	12.80	28.40	6.75	1.76	0.25	0.10	0.00	0.05	
17	0.00	0.00	2.75	2.30	31.40	15.20	5.10	1.36	0.25	0.10	0.00	0.05	
18	0.00	0.00	4.10	1.68	101.80	10.40	3.70	1.06	0.25	0.10	0.00	0.05	
19	0.00	0.00	3.35	2.00	124.90	39.95	3.20	0.92	0.25	0.05	0.00	0.00	
20	0.00	0.00	1.92	1.84	84.30	54.25	2.90	0.78	0.25	0.05	0.00	0.00	
21	0.00	0.00	1.28	1.44	42.55	41.25	2.45	0.78	0.25	0.00	0.00	0.00	
22	0.00	0.00	0.99	1.44	24.80	26.00	2.00	0.78	0.25	0.00	0.00	0.00	
23	0.00	0.10	0.92	5.50	12.50	13.70	2.00	0.78	0.25	0.00	0.00	0.00	
24	0.00	0.45	1.13	42.55	7.75	8.90	1.76	0.64	0.20	0.00	0.00	0.00	
25	0.00	0.40	6.00	48.40	5.50	7.00	1.76	0.64	0.20	0.00	0.00	0.00	
26	0.00	0.30	7.25	74.50	4.10	6.50	1.68	0.50	0.15	0.00	0.00	0.00	
27	0.00	0.25	5.10	101.80	3.20	4.30	1.44	0.50	0.10	0.00	0.00	0.00	
28	0.00	0.25	11.90	250.00	2.75	6.00	1.28	0.45	0.05	0.00	0.00	0.00	
29	0.00	0.30	15.80	322.20	2.60	7.25	1.20	0.45	0.00	0.00	0.00	0.00	
30	0.00	0.30	13.10	128.40	4.10	6.75	1.20	0.45	0.00	0.00	0.00	0.00	
31		0.30		39.30	36.20		1.06		0.00	0.00		0.00	
Total	0.00	2.65	90.73	1194.10	830.35	1384.50	128.28	37.23	8.40	3.25	0.00	5.31	3684.80 CMSDAY
Mean	0.00	0.09	3.02	38.52	26.79	46.15	4.14	1.24	0.27	0.10	0.00	0.17	10.10 CMS
Max	0.00	0.45	15.80	322.20	124.90	230.80	13.10	3.05	0.45	0.30	0.00	1.36	322.20 CMS
Min	0.00	0.00	0.30	1.44	2.60	4.30	1.06	0.45	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.23	7.84	103.17	71.74	119.62	11.08	3.22	0.73	0.28	0.00	0.46	318.37 MCM
Momentary Peak	379.80	CMS, at 6.82 m. (A.D.) , at 04.00 Hours , on Jul 29, 2005											
Runoff Yield	23.81	Liters/Second/Square KM. Momentary Peak Yield 895.755 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Huai Saphu at Ban Mon, Ubon Ratchathani (M.132)

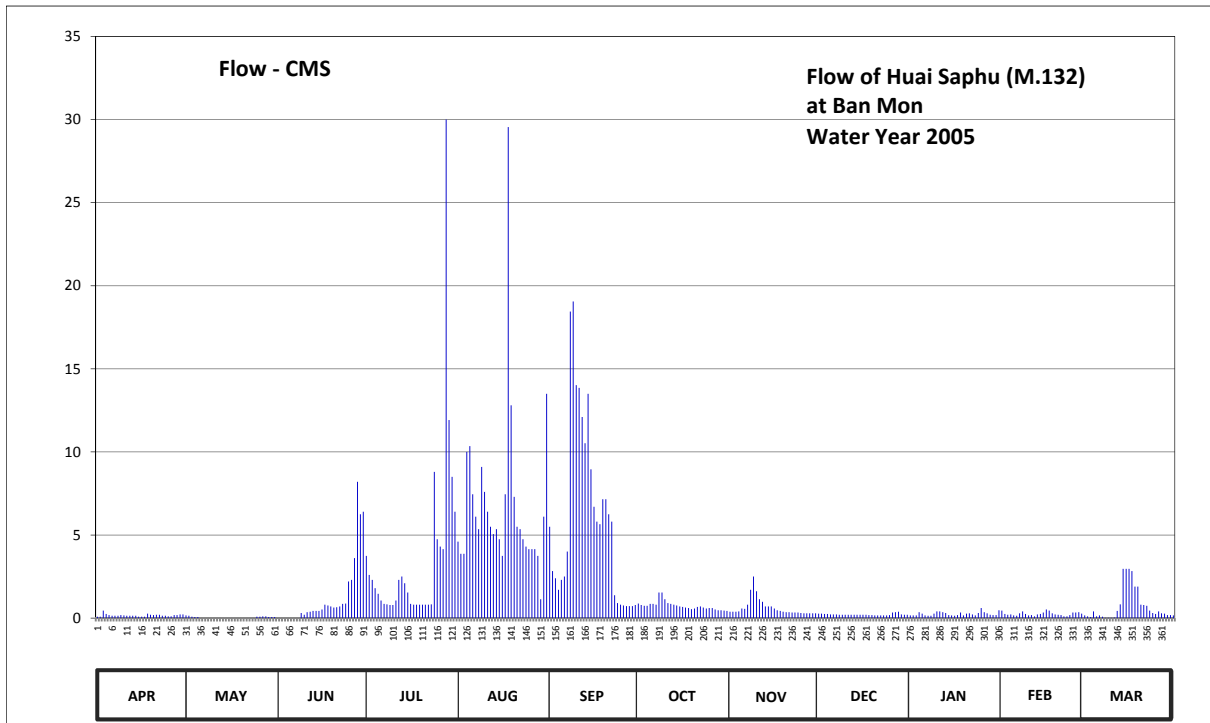
Lat 15 - 34 - 46 N Long 105 - 04 - 00 E

Location : on right at the bridge on highway at Ban Mon.

	Ban Mon	Amphoe Trakan Phutphon	Changwat Ubon Ratchathani
Drainage Area	3	sq.km.	
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.		Elevation +8.313 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by Lam Phra Phloeng Dam about 5 kilometers upstream from the gage site. Stage-discharge relation defined by 25 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.64	0.67	0.60	1.28	1.34	1.40	0.99	0.77	0.72	0.67	0.80	0.67	
2	0.64	0.66	0.60	1.19	1.29	1.21	0.95	0.77	0.72	0.67	0.71	0.65	
3	0.80	0.64	0.58	1.16	1.29	1.17	0.93	0.77	0.71	0.67	0.69	0.63	
4	0.71	0.63	0.56	1.11	1.70	1.10	0.93	0.78	0.71	0.76	0.70	0.78	
5	0.68	0.63	0.56	1.07	1.72	1.16	0.98	0.86	0.70	0.72	0.67	0.65	
6	0.66	0.60	0.56	1.02	1.53	1.18	0.98	0.85	0.70	0.67	0.66	0.67	
7	0.66	0.60	0.56	0.98	1.44	1.30	0.96	0.96	0.70	0.66	0.73	0.64	
8	0.66	0.60	0.59	0.97	1.39	2.16	1.08	1.10	0.69	0.66	0.78	0.61	
9	0.68	0.60	0.74	0.95	1.64	2.19	1.08	1.18	0.69	0.72	0.71	0.61	
10	0.67	0.60	0.69	0.95	1.54	1.93	1.03	1.09	0.69	0.78	0.67	0.61	
11	0.66	0.60	0.76	1.02	1.46	1.92	1.00	1.03	0.69	0.78	0.68	0.62	
12	0.66	0.58	0.77	1.16	1.40	1.82	0.98	1.01	0.69	0.76	0.65	0.79	
13	0.66	0.58	0.79	1.18	1.37	1.73	0.96	0.91	0.69	0.74	0.70	0.97	
14	0.66	0.56	0.79	1.14	1.39	1.90	0.94	0.91	0.69	0.68	0.71	1.22	
15	0.64	0.56	0.79	1.08	1.35	1.63	0.91	0.91	0.69	0.67	0.75	1.22	
16	0.64	0.56	0.83	0.98	1.28	1.48	0.90	0.86	0.69	0.66	0.83	1.22	
17	0.64	0.56	0.96	0.96	1.53	1.42	0.88	0.81	0.69	0.68	0.80	1.21	
18	0.72	0.55	0.94	0.96	2.68	1.41	0.87	0.79	0.68	0.75	0.73	1.12	
19	0.69	0.55	0.91	0.96	1.86	1.51	0.84	0.77	0.68	0.67	0.70	1.12	
20	0.68	0.55	0.88	0.96	1.52	1.51	0.86	0.76	0.67	0.72	0.69	0.96	
21	0.69	0.55	0.89	0.96	1.40	1.45	0.90	0.76	0.67	0.73	0.68	0.95	
22	0.69	0.53	0.91	0.96	1.39	1.42	0.91	0.75	0.67	0.70	0.65	0.93	
23	0.66	0.53	0.98	0.97	1.35	1.06	0.88	0.75	0.67	0.67	0.65	0.80	
24	0.66	0.55	0.99	1.62	1.32	1.00	0.86	0.75	0.67	0.74	0.68	0.74	
25	0.65	0.64	1.15	1.35	1.31	0.96	0.87	0.74	0.68	0.87	0.75	0.71	
26	0.65	0.64	1.16	1.32	1.31	0.94	0.87	0.73	0.75	0.76	0.75	0.78	
27	0.68	0.65	1.27	1.31	1.31	0.92	0.83	0.73	0.76	0.73	0.76	0.73	
28	0.68	0.65	1.58	2.70	1.28	0.92	0.81	0.73	0.77	0.69	0.72	0.72	
29	0.70	0.63	1.45	1.81	1.03	0.92	0.81	0.73	0.70	0.68		0.68	
30	0.70	0.63	1.46	1.60	1.44	0.95	0.80	0.73	0.69	0.68		0.68	
31		0.63		1.46	1.90		0.79		0.69	0.81		0.67	
Mean	0.67	0.60	0.88	1.20	1.48	1.39	0.92	0.84	0.70	0.71	0.71	0.82	
Max	0.80	0.67	1.58	2.70	2.68	2.19	1.08	1.18	0.77	0.87	0.83	1.22	2.70
Min	0.64	0.53	0.56	0.95	1.03	0.92	0.79	0.73	0.67	0.66	0.65	0.61	0.53
Annual Max Momentary Gage Height	2.94		m. (A.D.) ,		at 12.00 Hours , on Aug 18, 2005								
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,		River Bed 0.25 m. (A.D.)								
Left Bank Elevation	3.50		m. (A.D.) ,										
Right Bank Elevation	3.70		m. (A.D.) ,		Drainage Are 3 Square Kilometers								



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.09	0.16	0.00	3.74	4.60	5.50	0.88	0.38	0.27	0.16	0.45	0.16	
2	0.09	0.14	0.00	2.60	3.87	2.83	0.79	0.38	0.27	0.16	0.25	0.11	
3	0.45	0.09	0.00	2.30	3.87	2.40	0.74	0.38	0.25	0.16	0.20	0.07	
4	0.25	0.07	0.00	1.80	10.00	1.70	0.74	0.40	0.25	0.36	0.22	0.40	
5	0.18	0.07	0.00	1.46	10.35	2.30	0.86	0.58	0.22	0.27	0.16	0.11	
6	0.14	0.00	0.00	1.06	7.45	2.50	0.86	0.56	0.22	0.16	0.14	0.16	
7	0.14	0.00	0.00	0.86	6.10	4.00	0.81	0.81	0.22	0.14	0.29	0.09	
8	0.14	0.00	0.00	0.83	5.35	18.45	1.54	1.70	0.20	0.14	0.40	0.02	
9	0.18	0.00	0.31	0.79	9.10	19.05	1.54	2.50	0.20	0.27	0.25	0.02	
10	0.16	0.00	0.20	0.79	7.60	14.02	1.14	1.62	0.20	0.40	0.16	0.02	
11	0.14	0.00	0.36	1.06	6.40	13.85	0.90	1.14	0.20	0.40	0.18	0.04	
12	0.14	0.00	0.38	2.30	5.50	12.10	0.86	0.98	0.20	0.36	0.11	0.43	
13	0.14	0.00	0.43	2.50	5.05	10.52	0.81	0.70	0.20	0.31	0.22	0.83	
14	0.14	0.00	0.43	2.10	5.35	13.50	0.76	0.70	0.20	0.18	0.25	2.96	
15	0.09	0.00	0.43	1.54	4.75	8.95	0.70	0.70	0.20	0.16	0.34	2.96	
16	0.09	0.00	0.52	0.86	3.74	6.70	0.67	0.58	0.20	0.14	0.52	2.96	
17	0.09	0.00	0.81	0.81	7.45	5.80	0.63	0.47	0.20	0.18	0.45	2.83	
18	0.27	0.00	0.76	0.81	29.55	5.65	0.61	0.43	0.18	0.34	0.29	1.90	
19	0.20	0.00	0.70	0.81	12.80	7.15	0.54	0.38	0.18	0.16	0.22	1.90	
20	0.18	0.00	0.63	0.81	7.30	7.15	0.58	0.36	0.16	0.27	0.20	0.81	
21	0.20	0.00	0.65	0.81	5.50	6.25	0.67	0.36	0.16	0.29	0.18	0.79	
22	0.20	0.00	0.70	0.81	5.35	5.80	0.70	0.34	0.16	0.22	0.11	0.74	
23	0.14	0.00	0.86	0.83	4.75	1.38	0.63	0.34	0.16	0.16	0.11	0.45	
24	0.14	0.00	0.88	8.80	4.30	0.90	0.58	0.34	0.16	0.31	0.18	0.31	
25	0.11	0.09	2.20	4.75	4.15	0.81	0.61	0.31	0.18	0.61	0.34	0.25	
26	0.11	0.09	2.30	4.30	4.15	0.76	0.61	0.29	0.34	0.36	0.34	0.40	
27	0.18	0.11	3.61	4.15	4.15	0.72	0.52	0.29	0.36	0.29	0.36	0.29	
28	0.18	0.11	8.20	30.00	3.74	0.72	0.47	0.29	0.38	0.20	0.27	0.27	
29	0.22	0.07	6.25	11.92	1.14	0.72	0.47	0.29	0.22	0.18		0.18	
30	0.22	0.07	6.40	8.50	6.10	0.79	0.45	0.29	0.20	0.18		0.18	
31		0.07		6.40	13.50		0.43		0.20	0.47		0.16	
Total	5.00	1.14	38.01	111.10	213.01	182.97	23.10	18.89	6.74	7.99	7.19	22.80	637.94 CMSDAY
Mean	0.17	0.04	1.27	3.58	6.87	6.10	0.75	0.63	0.22	0.26	0.26	0.74	1.75 CMS
Max	0.45	0.16	8.20	30.00	29.55	19.05	1.54	2.50	0.38	0.61	0.52	2.96	30.00 CMS
Min	0.09	0.00	0.00	0.79	1.14	0.72	0.43	0.29	0.16	0.14	0.11	0.02	0.00 CMS
Runoff	0.43	0.10	3.28	9.60	18.40	15.81	2.00	1.63	0.58	0.69	0.62	1.97	55.12 MCM
Momentary Peak	35.75		CMS, at 2.94 m. (A.D.) , at 12.00 Hours , on Aug 18, 2005										
Runoff Yield	499.37		Liters/Second/Square KM.		10214.286		Liters/Second/Square KM.						

WATER YEAR : 2005**MUN RIVER BASIN****Huai Hin Lap at Ban Hin Lap, Nakhon Ratchasima (M.134)**

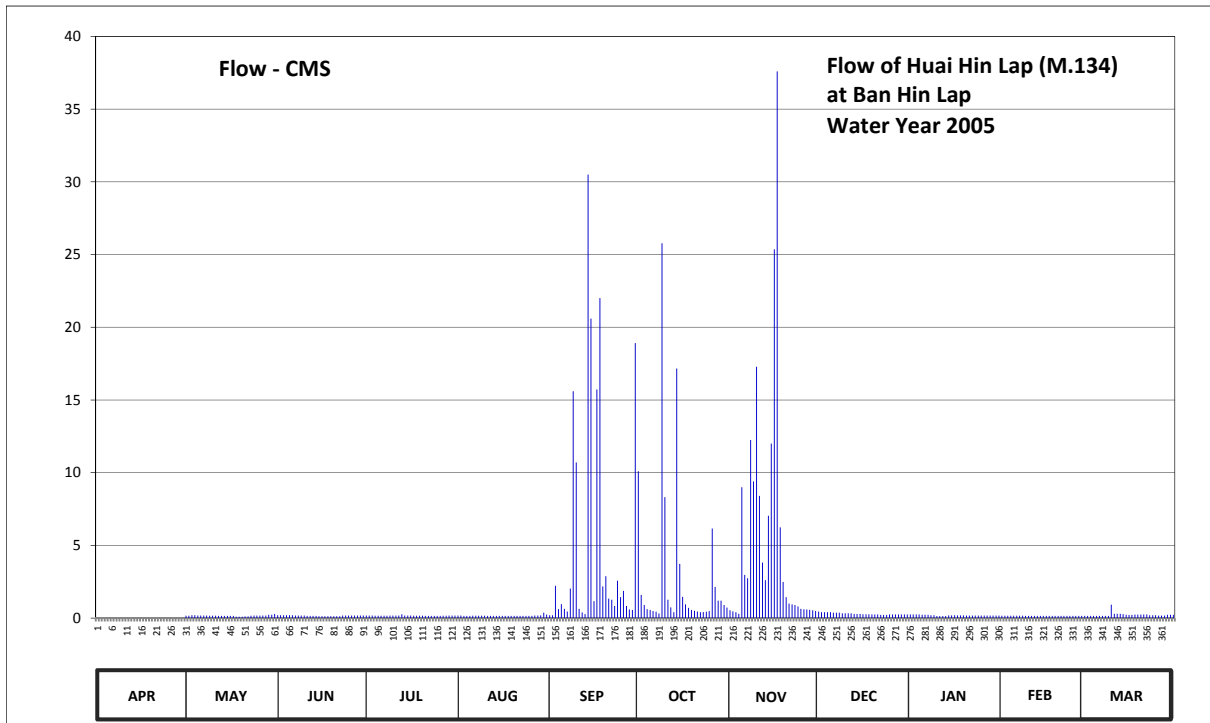
Lat 14 - 43 - 29 N Long 101 - 34 - 21 E

Location : on left bank at Ban Hin Lap.

	Ban Hin Lap	Amphoe Pak Chong	Changwat Nakhon Ratchasima
Drainage Area	250 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage observer's house.		Elevation +10.405 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1986 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.48	0.46	0.50	0.48	0.47	0.50	2.73	0.76	0.70	0.55	0.46	0.45	
2	0.48	0.46	0.50	0.48	0.47	0.50	1.30	0.71	0.67	0.55	0.46	0.45	
3	0.48	0.50	0.50	0.48	0.45	1.49	0.95	0.67	0.67	0.55	0.46	0.45	
4	0.45	0.50	0.50	0.46	0.45	0.81	0.81	0.60	0.67	0.55	0.46	0.45	
5	0.45	0.48	0.50	0.46	0.45	0.98	0.77	2.62	0.67	0.53	0.46	0.45	
6	0.45	0.48	0.50	0.46	0.46	0.82	0.72	1.67	0.65	0.53	0.46	0.45	
7	0.45	0.48	0.48	0.46	0.46	0.70	0.69	1.62	0.65	0.53	0.46	0.45	
8	0.45	0.48	0.48	0.46	0.46	1.44	0.61	2.92	0.65	0.50	0.46	0.45	
9	0.45	0.46	0.48	0.48	0.46	3.20	3.97	2.66	0.62	0.50	0.45	0.45	
10	0.50	0.46	0.48	0.48	0.46	2.79	2.54	3.34	0.62	0.44	0.45	0.96	
11	0.50	0.46	0.45	0.48	0.45	0.82	1.13	2.55	0.62	0.44	0.45	0.60	
12	0.48	0.45	0.45	0.48	0.45	0.66	0.87	1.86	0.62	0.44	0.45	0.60	
13	0.45	0.45	0.45	0.56	0.45	0.57	0.67	1.59	0.59	0.44	0.45	0.60	
14	0.45	0.45	0.45	0.48	0.45	4.30	3.33	2.38	0.59	0.49	0.45	0.57	
15	0.45	0.45	0.43	0.48	0.45	3.60	1.84	2.90	0.59	0.49	0.45	0.53	
16	0.45	0.45	0.43	0.48	0.45	1.08	1.23	3.94	0.56	0.50	0.45	0.52	
17	0.45	0.45	0.43	0.46	0.45	3.21	0.97	4.78	0.56	0.49	0.45	0.52	
18	0.43	0.40	0.43	0.46	0.45	3.70	0.85	2.28	0.56	0.49	0.45	0.54	
19	0.43	0.40	0.43	0.46	0.45	1.48	0.77	1.56	0.55	0.49	0.45	0.54	
20	0.43	0.40	0.43	0.46	0.45	1.65	0.73	1.22	0.55	0.48	0.45	0.54	
21	0.40	0.42	0.43	0.45	0.45	1.17	0.70	1.00	0.55	0.48	0.45	0.55	
22	0.40	0.42	0.43	0.45	0.45	1.13	0.67	0.97	0.52	0.48	0.45	0.55	
23	0.40	0.46	0.48	0.45	0.45	0.92	0.68	0.95	0.52	0.48	0.45	0.50	
24	0.48	0.48	0.48	0.45	0.45	1.58	0.69	0.90	0.52	0.48	0.45	0.50	
25	0.44	0.48	0.48	0.45	0.45	1.22	0.72	0.82	0.55	0.48	0.45	0.50	
26	0.44	0.48	0.48	0.45	0.45	1.39	2.27	0.80	0.55	0.48	0.45	0.48	
27	0.44	0.48	0.48	0.46	0.47	0.92	1.47	0.79	0.55	0.47	0.45	0.48	
28	0.48	0.48	0.48	0.46	0.47	0.79	1.10	0.78	0.55	0.47	0.45	0.48	
29	0.48	0.53	0.48	0.48	0.49	0.77	1.10	0.76	0.55	0.47		0.53	
30	0.48	0.53	0.48	0.48	0.65	3.47	0.95	0.72	0.55	0.47		0.53	
31		0.58		0.47	0.54		0.86		0.55	0.47		0.52	
Mean	0.45	0.47	0.47	0.47	0.46	1.59	1.25	1.70	0.59	0.49	0.45	0.52	
Max	0.50	0.58	0.50	0.56	0.65	4.30	3.97	4.78	0.70	0.55	0.46	0.96	4.78
Min	0.40	0.40	0.43	0.45	0.45	0.50	0.61	0.60	0.52	0.44	0.45	0.45	0.40
Annual Max Momentary Gage Height	5.30 m. (A.D.) ,			at 17.00 Hours , on Sep 14, 2005									
Zero Gage at Bottom Elevation	0.00 m. (A.D.) ,			River Bed 0.34 m. (A.D.)									
Left Bank Elevation	6.13 m. (A.D.) ,												
Right Bank Elevation	6.12 m. (A.D.) ,			Drainage Are 250 Square Kilometers									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.16	0.20	0.18	0.17	0.20	10.10	0.54	0.45	0.25	0.16	0.15	
2	0.00	0.16	0.20	0.18	0.17	0.20	1.60	0.46	0.41	0.25	0.16	0.15	
3	0.00	0.20	0.20	0.18	0.15	2.22	0.90	0.41	0.41	0.25	0.16	0.15	
4	0.00	0.20	0.20	0.16	0.15	0.62	0.62	0.30	0.41	0.25	0.16	0.15	
5	0.00	0.18	0.20	0.16	0.15	0.96	0.56	9.00	0.41	0.23	0.16	0.15	
6	0.00	0.18	0.20	0.16	0.16	0.64	0.48	2.97	0.37	0.23	0.16	0.15	
7	0.00	0.18	0.18	0.16	0.16	0.45	0.44	2.74	0.37	0.23	0.16	0.15	
8	0.00	0.18	0.18	0.16	0.16	2.04	0.32	12.24	0.37	0.20	0.16	0.15	
9	0.00	0.16	0.18	0.18	0.16	15.60	25.78	9.40	0.33	0.20	0.15	0.15	
10	0.00	0.16	0.18	0.18	0.16	10.70	8.32	17.28	0.33	0.14	0.15	0.92	
11	0.00	0.16	0.15	0.18	0.15	0.64	1.26	8.40	0.33	0.14	0.15	0.30	
12	0.00	0.15	0.15	0.18	0.15	0.39	0.74	3.82	0.33	0.14	0.15	0.30	
13	0.00	0.15	0.15	0.26	0.15	0.27	0.41	2.61	0.29	0.14	0.15	0.30	
14	0.00	0.15	0.15	0.18	0.15	30.50	17.16	7.04	0.29	0.19	0.15	0.27	
15	0.00	0.15	0.13	0.18	0.15	20.60	3.73	12.00	0.29	0.19	0.15	0.23	
16	0.00	0.15	0.13	0.18	0.15	1.16	1.46	25.36	0.26	0.20	0.15	0.22	
17	0.00	0.15	0.13	0.16	0.15	15.72	0.94	37.60	0.26	0.19	0.15	0.22	
18	0.00	0.10	0.13	0.16	0.15	22.00	0.70	6.24	0.26	0.19	0.15	0.24	
19	0.00	0.10	0.13	0.16	0.15	2.18	0.56	2.49	0.25	0.19	0.15	0.24	
20	0.00	0.10	0.13	0.16	0.15	2.88	0.50	1.44	0.25	0.18	0.15	0.24	
21	0.00	0.12	0.13	0.15	0.15	1.34	0.45	1.00	0.25	0.18	0.15	0.25	
22	0.00	0.12	0.13	0.15	0.15	1.26	0.41	0.94	0.22	0.18	0.15	0.25	
23	0.00	0.16	0.18	0.15	0.15	0.84	0.42	0.90	0.22	0.18	0.15	0.20	
24	0.00	0.18	0.18	0.15	0.15	2.57	0.44	0.80	0.22	0.18	0.15	0.20	
25	0.00	0.18	0.18	0.15	0.15	1.44	0.48	0.64	0.25	0.18	0.15	0.20	
26	0.00	0.18	0.18	0.15	0.15	1.87	6.16	0.60	0.25	0.18	0.15	0.18	
27	0.00	0.18	0.18	0.16	0.17	0.84	2.15	0.59	0.25	0.17	0.15	0.18	
28	0.00	0.18	0.18	0.16	0.17	0.59	1.20	0.57	0.25	0.17	0.15	0.18	
29	0.00	0.23	0.18	0.18	0.19	0.56	1.20	0.54	0.25	0.17	0.15	0.23	
30	0.00	0.23	0.18	0.18	0.37	18.91	0.90	0.48	0.25	0.17	0.15	0.23	
31	0.00	0.28	0.17	0.17	0.24	0.72	0.72	0.25	0.17	0.17	0.15	0.22	
Total	0.00	5.16	5.00	5.25	5.13	160.19	91.11	169.40	9.33	5.91	4.28	7.15	467.91 CMSDAY
Mean	0.00	0.17	0.17	0.17	0.17	5.34	2.94	5.65	0.30	0.19	0.15	0.23	1.28 CMS
Max	0.00	0.28	0.20	0.26	0.37	30.50	25.78	37.60	0.45	0.25	0.16	0.92	37.60 CMS
Min	0.00	0.10	0.13	0.15	0.15	0.20	0.32	0.30	0.22	0.14	0.15	0.15	0.00 CMS
Runoff	0.00	0.45	0.43	0.45	0.44	13.84	7.87	14.64	0.81	0.51	0.37	0.62	40.43 MCM
Momentary Peak	45.16	CMS, at 5.30 m. (A.D.) , at 17.00 Hours , on Sep 14, 2005											
Runoff Yield	5.13	Liters/Second/Square KM.		Momentary Peak Yield		180.640	Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Huai Nua at Ban Raka, Si Sa Ket (M.137)

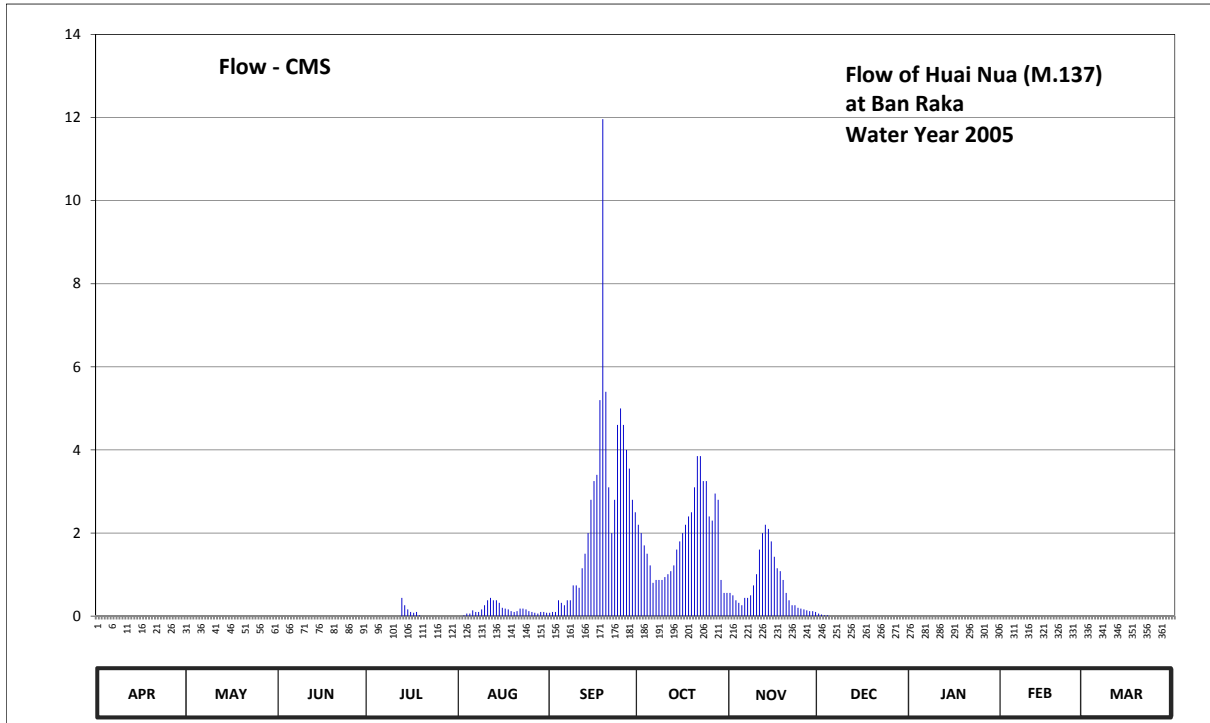
Lat 14 - 47 - 28 N Long 104 - 10 - 35 E

Location : on right bank at the bridge on road.

	Ban Raka	Amphoe Khu Khan	Changwat Si Sa Ket
Drainage Area	478 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream side at the abutment of the bridge.	Elevation	+4.625 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	Overbank flow starts at elevation +1.250 m.(A.D.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.22	-0.28	-0.29	-0.28	1.20	1.24	1.57	1.36	1.23	0.80	0.58	0.33	
2	-0.18	-0.28	-0.30	-0.28	1.20	1.25	1.55	1.35	1.22	0.79	0.57	0.32	
3	-0.19	-0.28	-0.30	-0.19	1.21	1.25	1.52	1.33	1.21	0.78	0.57	0.32	
4	-0.19	-0.31	-0.31	-0.19	1.23	1.33	1.50	1.32	1.21	0.77	0.56	0.31	
5	-0.20	-0.33	-0.32	-0.19	1.23	1.32	1.46	1.31	1.20	0.77	0.55	0.30	
6	-0.21	-0.33	-0.32	-0.18	1.27	1.31	1.40	1.34	1.20	0.76	0.54	0.29	
7	-0.22	-0.33	-0.33	-0.15	1.25	1.33	1.41	1.34	1.19	0.75	0.53	0.28	
8	-0.22	-0.33	-0.33	0.02	1.25	1.33	1.41	1.35	1.18	0.74	0.52	0.27	
9	-0.22	-0.32	-0.32	0.57	1.28	1.39	1.41	1.39	1.15	0.73	0.51	0.26	
10	-0.23	-0.32	-0.31	0.73	1.31	1.39	1.42	1.43	1.11	0.72	0.50	0.25	
11	-0.24	-0.32	-0.31	0.81	1.33	1.38	1.43	1.51	1.11	0.71	0.49	0.24	
12	-0.26	-0.33	-0.32	1.16	1.34	1.45	1.44	1.55	1.10	0.71	0.48	0.23	
13	-0.27	-0.33	-0.32	1.34	1.33	1.50	1.46	1.57	1.08	0.70	0.47	0.22	
14	-0.27	-0.33	-0.32	1.31	1.33	1.55	1.51	1.56	1.06	0.69	0.46	0.21	
15	-0.27	-0.33	-0.32	1.28	1.32	1.62	1.53	1.53	1.02	0.68	0.45	0.20	
16	-0.27	-0.33	-0.29	1.25	1.30	1.65	1.55	1.49	0.98	0.67	0.44	0.19	
17	-0.27	-0.33	-0.29	1.24	1.29	1.66	1.57	1.45	0.97	0.67	0.44	0.19	
18	-0.27	-0.33	-0.29	1.25	1.28	1.76	1.59	1.44	0.96	0.67	0.44	0.18	
19	-0.27	-0.34	-0.30	1.21	1.26	1.98	1.60	1.41	0.94	0.67	0.43	0.18	
20	-0.27	-0.34	-0.30	1.20	1.25	1.77	1.64	1.36	0.91	0.66	0.42	0.17	
21	-0.27	-0.28	-0.31	1.19	1.26	1.64	1.69	1.33	0.90	0.65	0.41	0.16	
22	-0.27	-0.29	-0.32	1.18	1.29	1.55	1.69	1.31	0.89	0.64	0.40	0.15	
23	-0.27	-0.29	-0.32	1.20	1.29	1.62	1.65	1.31	0.88	0.63	0.39	0.15	
24	-0.28	-0.29	-0.33	1.18	1.28	1.73	1.65	1.30	0.87	0.62	0.38	0.15	
25	-0.28	-0.28	-0.33	1.19	1.26	1.75	1.59	1.29	0.86	0.61	0.36	0.14	
26	-0.28	-0.28	-0.28	1.19	1.25	1.73	1.58	1.28	0.85	0.60	0.35	0.13	
27	-0.28	-0.29	-0.31	1.20	1.24	1.70	1.63	1.27	0.84	0.60	0.34	0.12	
28	-0.28	-0.30	-0.30	1.19	1.23	1.67	1.62	1.26	0.83	0.59	0.33	0.11	
29	-0.28	-0.29	-0.28	1.20	1.25	1.62	1.41	1.26	0.83	0.59	0.33	0.11	
30	-0.28	-0.28	-0.28	1.20	1.25	1.60	1.36	1.25	0.82	0.58	0.33	0.11	
31	-0.28	-0.28	-0.28	1.20	1.24	1.60	1.36	1.25	0.82	0.58	0.33	0.11	
Mean	-0.25	-0.31	-0.31	0.81	1.27	1.54	1.52	1.38	1.01	0.68	0.46	0.21	
Max	-0.18	-0.28	-0.28	1.34	1.34	1.98	1.69	1.57	1.23	0.80	0.58	0.33	1.98
Min	-0.28	-0.34	-0.33	-0.28	1.20	1.24	1.36	1.25	0.81	0.58	0.33	0.11	-0.34
Annual Max Momentary Gage Height	1.98	m. (A.D.) ,		at 06.00 Hours , on Sep 19, 2005									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed -2.67 m. (A.D.)									
Left Bank Elevation	2.24	m. (A.D.) ,											
Right Bank Elevation	1.24	m. (A.D.) ,		Drainage Are 478 Square Kilometers									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.08	2.20	0.56	0.06	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.10	2.00	0.50	0.04	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.02	0.10	1.70	0.38	0.02	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.06	0.38	1.50	0.32	0.02	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.06	0.32	1.22	0.26	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.14	0.26	0.80	0.44	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.10	0.38	0.87	0.44	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.10	0.38	0.87	0.50	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.16	0.74	0.87	0.74	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.26	0.74	0.94	1.01	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.38	0.68	1.01	1.60	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.44	1.15	1.08	2.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.44	0.38	1.50	1.22	2.20	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.26	0.38	2.00	1.60	2.10	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.16	0.32	2.80	1.80	1.80	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.10	0.20	3.25	2.00	1.43	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.08	0.18	3.40	2.20	1.15	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.10	0.16	5.20	2.40	1.08	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.02	0.12	11.96	2.50	0.87	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.10	5.40	3.10	0.56	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.12	3.10	3.85	0.38	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.18	2.00	3.85	0.26	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.18	2.80	3.25	0.26	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.16	4.60	3.25	0.20	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.12	5.00	2.40	0.18	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.10	4.60	2.30	0.16	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.08	4.00	2.95	0.14	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.06	3.55	2.80	0.12	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.10	2.80	0.87	0.12	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.10	2.50	0.56	0.10	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.08	0.56	0.56	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	1.16	4.84	75.77	58.52	21.86	0.14	0.00	0.00	0.00	162.29 CMSDAY
Mean	0.00	0.00	0.00	0.04	0.16	2.53	1.89	0.73	0.00	0.00	0.00	0.00	0.44 CMS
Max	0.00	0.00	0.00	0.44	0.44	11.96	3.85	2.20	0.06	0.00	0.00	0.00	11.96 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.08	0.56	0.10	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.10	0.42	6.55	5.06	1.89	0.01	0.00	0.00	0.00	14.02 MCM
Momentary Peak	11.96	CMS, at 1.98 m. (A.D.) , at 06.00 Hours , on Sep 19, 2005											
Runoff Yield	0.93	Liters/Second/Square KM. Momentary Peak Yield 25.021 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN****Huai Sang Kot at Ban Nong Yai, Si Sa Ket (M.143)**

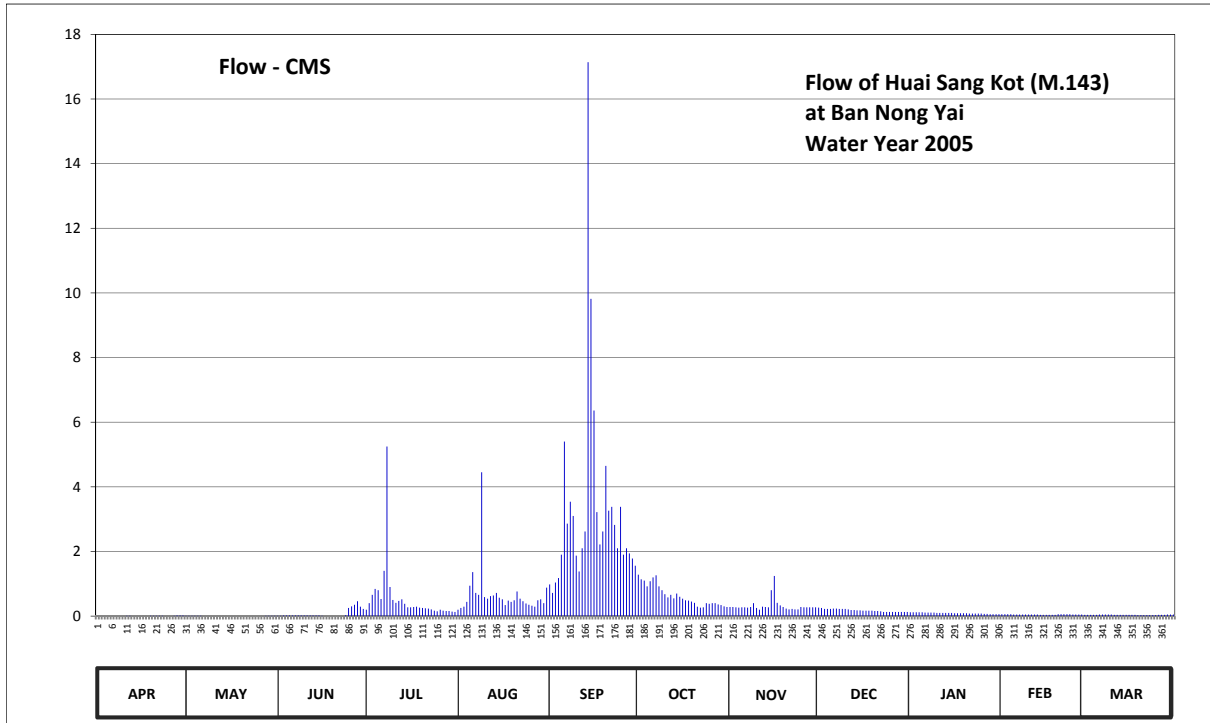
Lat 14 - 29 - 01 N Long 104 - 39 - 52 E

Location : on left bank at the bridge on road.

	Ban Nong Yai	Amphoe Kantharalak	Changwat Si Sa Ket
Drainage Area	47 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	on left bank upstream at the abutments of the bridge.	Elevation	+6.460 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1990 to date		
Rating Operation			
Period of Rating	1990 to date		
Rated by Flot	-		
Rated by Current Meter	1990 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.38	0.65	0.62	1.00	1.00	1.59	1.74	1.08	1.06	0.87	0.75	0.72	
2	0.37	0.65	0.64	1.20	1.05	1.46	1.67	1.08	1.05	0.87	0.75	0.72	
3	0.39	0.64	0.68	1.43	1.09	1.62	1.65	1.07	1.02	0.88	0.75	0.72	
4	0.43	0.64	0.67	1.52	1.24	1.69	1.56	1.06	1.02	0.88	0.75	0.72	
5	0.45	0.63	0.67	1.50	1.57	2.00	1.64	1.07	1.02	0.88	0.74	0.72	
6	0.45	0.63	0.66	1.33	1.78	2.80	1.70	1.07	1.03	0.86	0.74	0.73	
7	0.47	0.61	0.66	1.80	1.46	2.24	1.73	1.06	1.03	0.86	0.74	0.73	
8	0.54	0.59	0.66	2.77	1.43	2.41	1.56	1.08	1.02	0.85	0.74	0.73	
9	0.57	0.58	0.66	1.55	2.61	2.30	1.50	1.20	1.02	0.85	0.74	0.73	
10	0.59	0.57	0.66	1.30	1.39	1.99	1.44	1.05	1.02	0.84	0.73	0.73	
11	0.62	0.56	0.66	1.21	1.34	1.79	1.38	1.00	1.01	0.84	0.73	0.72	
12	0.62	0.55	0.66	1.27	1.41	2.05	1.43	1.09	0.99	0.84	0.73	0.72	
13	0.59	0.54	0.66	1.32	1.42	2.18	1.35	1.08	0.98	0.83	0.73	0.72	
14	0.59	0.53	0.66	1.18	1.46	4.36	1.45	1.07	0.97	0.83	0.72	0.72	
15	0.59	0.53	0.66	1.07	1.37	3.49	1.40	1.50	0.97	0.83	0.72	0.72	
16	0.59	0.52	0.62	1.07	1.32	2.96	1.34	1.72	0.96	0.81	0.72	0.72	
17	0.59	0.51	0.60	1.08	1.14	2.33	1.29	1.21	0.96	0.81	0.72	0.72	
18	0.59	0.49	0.59	1.09	1.28	2.08	1.28	1.13	0.95	0.81	0.72	0.72	
19	0.62	0.49	0.59	1.06	1.24	2.18	1.25	1.08	0.95	0.81	0.72	0.71	
20	0.62	0.48	0.58	1.05	1.29	2.65	1.21	1.03	0.94	0.81	0.75	0.71	
21	0.64	0.48	0.57	1.04	1.48	2.34	1.09	1.01	0.94	0.79	0.75	0.71	
22	0.63	0.48	0.57	1.03	1.34	2.37	1.06	1.02	0.93	0.79	0.75	0.71	
23	0.63	0.48	0.57	1.01	1.26	2.23	1.07	1.01	0.90	0.79	0.75	0.71	
24	0.61	0.54	0.69	0.95	1.19	2.05	1.20	1.01	0.90	0.79	0.75	0.71	
25	0.61	0.58	1.05	0.93	1.15	2.37	1.18	1.08	0.89	0.79	0.74	0.71	
26	0.61	0.59	1.10	1.00	1.12	2.00	1.20	1.07	0.89	0.78	0.74	0.72	
27	0.65	0.61	1.15	0.95	1.09	2.05	1.20	1.07	0.89	0.78	0.74	0.72	
28	0.66	0.63	1.26	0.94	1.29	2.01	1.16	1.07	0.89	0.76	0.74	0.72	
29	0.66	0.63	1.09	0.94	1.32	1.96	1.14	1.07	0.89	0.76	0.74	0.73	
30	0.66	0.63	1.02	0.92	1.20	1.88	1.10	1.07	0.89	0.76	0.74	0.73	
31		0.63		0.90	1.54		1.08		0.89	0.76	0.74	0.73	
Mean	0.57	0.57	0.73	1.21	1.35	2.25	1.36	1.11	0.96	0.82	0.74	0.72	
Max	0.66	0.65	1.26	2.77	2.61	4.36	1.74	1.72	1.06	0.88	0.75	0.73	4.36
Min	0.37	0.48	0.57	0.90	1.00	1.46	1.06	1.00	0.89	0.76	0.72	0.71	0.37
Annual Max Momentary Gage Height	4.51												at 15.00 Hours , on Sep 14, 2005
Zero Gage at Bottom Elevation	0.00						0.37						m. (A.D.)
Left Bank Elevation		4.73											m. (A.D.)
Right Bank Elevation		5.10											m. (A.D.)
Drainage Area						47							Square Kilometers



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.01	0.01	0.20	0.20	0.98	1.28	0.28	0.26	0.12	0.06	0.04	
2	0.00	0.01	0.01	0.40	0.25	0.72	1.14	0.28	0.25	0.12	0.06	0.04	
3	0.00	0.01	0.02	0.66	0.29	1.04	1.10	0.27	0.22	0.12	0.06	0.04	
4	0.00	0.01	0.02	0.84	0.44	1.18	0.92	0.26	0.22	0.12	0.06	0.04	
5	0.00	0.01	0.02	0.80	0.94	1.90	1.08	0.27	0.22	0.12	0.05	0.04	
6	0.00	0.01	0.02	0.53	1.36	5.40	1.20	0.27	0.23	0.11	0.05	0.05	
7	0.00	0.00	0.02	1.40	0.72	2.86	1.26	0.26	0.23	0.11	0.05	0.05	
8	0.00	0.00	0.02	5.25	0.66	3.54	0.92	0.28	0.22	0.11	0.05	0.05	
9	0.00	0.00	0.02	0.90	4.45	3.10	0.80	0.40	0.22	0.11	0.05	0.05	
10	0.00	0.00	0.02	0.50	0.59	1.87	0.68	0.25	0.22	0.10	0.05	0.05	
11	0.01	0.00	0.02	0.41	0.54	1.38	0.58	0.20	0.21	0.10	0.05	0.04	
12	0.01	0.00	0.02	0.47	0.62	2.10	0.66	0.29	0.19	0.10	0.05	0.04	
13	0.00	0.00	0.02	0.52	0.64	2.62	0.55	0.28	0.19	0.10	0.05	0.04	
14	0.00	0.00	0.02	0.38	0.72	17.14	0.70	0.27	0.18	0.10	0.04	0.04	
15	0.00	0.00	0.02	0.27	0.57	9.82	0.60	0.80	0.18	0.10	0.04	0.04	
16	0.00	0.00	0.01	0.27	0.52	6.36	0.54	1.24	0.17	0.09	0.04	0.04	
17	0.00	0.00	0.00	0.28	0.34	3.22	0.49	0.41	0.17	0.09	0.04	0.04	
18	0.00	0.00	0.00	0.29	0.48	2.22	0.48	0.33	0.17	0.09	0.04	0.04	
19	0.01	0.00	0.00	0.26	0.44	2.62	0.45	0.28	0.17	0.09	0.04	0.03	
20	0.01	0.00	0.00	0.25	0.49	4.65	0.41	0.23	0.16	0.09	0.06	0.03	
21	0.01	0.00	0.00	0.24	0.76	3.26	0.29	0.21	0.16	0.08	0.06	0.03	
22	0.01	0.00	0.00	0.23	0.54	3.38	0.26	0.22	0.15	0.08	0.06	0.03	
23	0.01	0.00	0.00	0.21	0.46	2.82	0.27	0.21	0.13	0.08	0.06	0.03	
24	0.00	0.00	0.03	0.17	0.39	2.10	0.40	0.21	0.13	0.08	0.06	0.03	
25	0.00	0.00	0.25	0.15	0.35	3.38	0.38	0.28	0.13	0.08	0.05	0.03	
26	0.00	0.00	0.30	0.20	0.32	1.90	0.40	0.27	0.13	0.07	0.05	0.04	
27	0.01	0.00	0.35	0.17	0.29	2.10	0.40	0.27	0.13	0.07	0.05	0.04	
28	0.02	0.01	0.46	0.16	0.49	1.94	0.36	0.27	0.13	0.06	0.05	0.04	
29	0.02	0.01	0.29	0.16	0.52	1.78	0.34	0.27	0.13	0.06	0.05	0.05	
30	0.02	0.01	0.22	0.14	0.40	1.56	0.30	0.27	0.13	0.06	0.05	0.05	
31	0.01	0.01	0.19	0.13	0.88	0.28	0.28	0.13	0.06	0.06	0.05	0.05	
Total	0.14	0.10	2.19	16.84	20.66	98.94	19.52	9.63	5.56	2.87	1.43	1.25	179.13 CMSDAY
Mean	0.00	0.00	0.07	0.54	0.67	3.30	0.63	0.32	0.18	0.09	0.05	0.04	0.49 CMS
Max	0.02	0.01	0.46	5.25	4.45	17.14	1.28	1.24	0.26	0.12	0.06	0.05	17.14 CMS
Min	0.00	0.00	0.00	0.13	0.20	0.72	0.26	0.20	0.13	0.06	0.04	0.03	0.00 CMS
Runoff	0.01	0.01	0.19	1.46	1.79	8.55	1.69	0.83	0.48	0.25	0.12	0.11	15.48 MCM
Momentary Peak	18.49	CMS, at 4.51 m. (A.D.) , at 15.00 Hours , on Sep 14, 2005											
Runoff Yield	10.44	Liters/Second/Square KM. Momentary Peak Yield 393.404 Liters/Second/Square KM.											

WATER YEAR : 2005

MUN RIVER BASIN

Lam Phra Phloeng at Ban Wang Takian Thong, Nakhon Ratchasima (M.145)

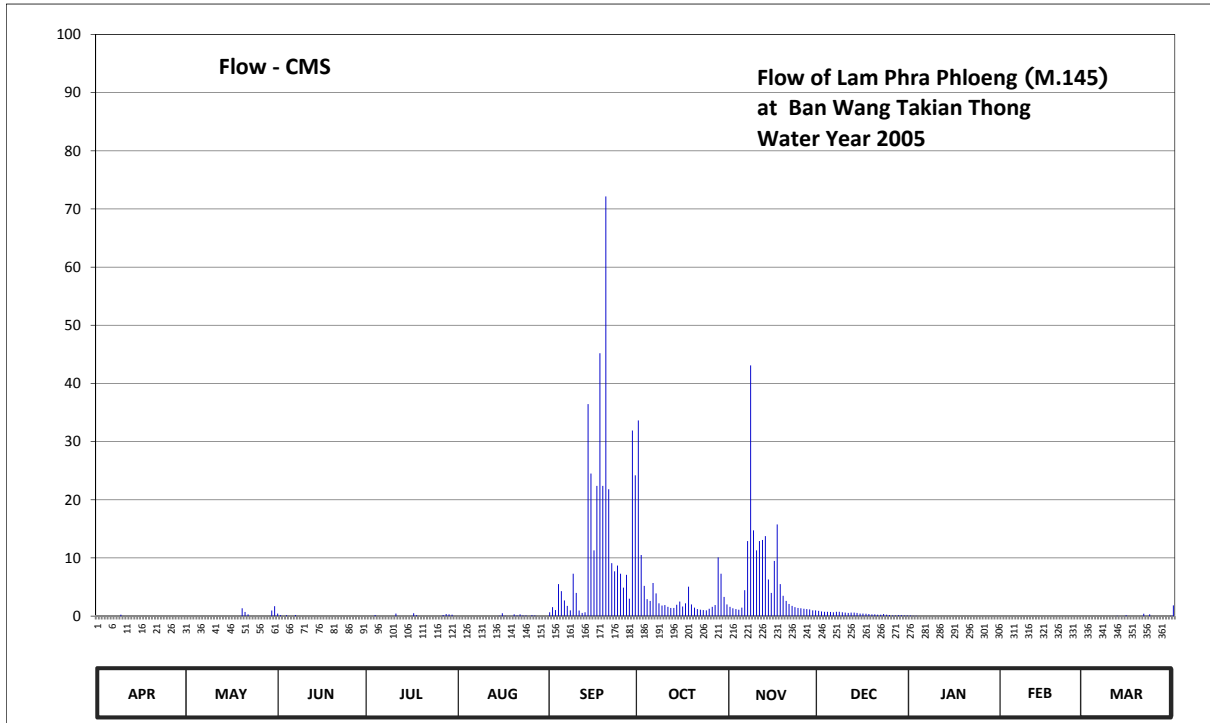
Lat 14 - 29 - 24 N Long 101 - 41 - 14 E

Location : on right bank at Ban Wang Takian Thong.

	Ban	Wang Takian Thong	Amphoe	Pak Chong	Changwat	Nakhon Ratchasima
Drainage Area	335	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000 m. (A.D.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 12 meters from the top staff gage.				Elevation	+7.980 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1990 to date					
Rating Operation						
Period of Rating	1990 to date					
Rated by Flot	-					
Rated by Current Meter	1990 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 26 discharge measurements made in 2005.					

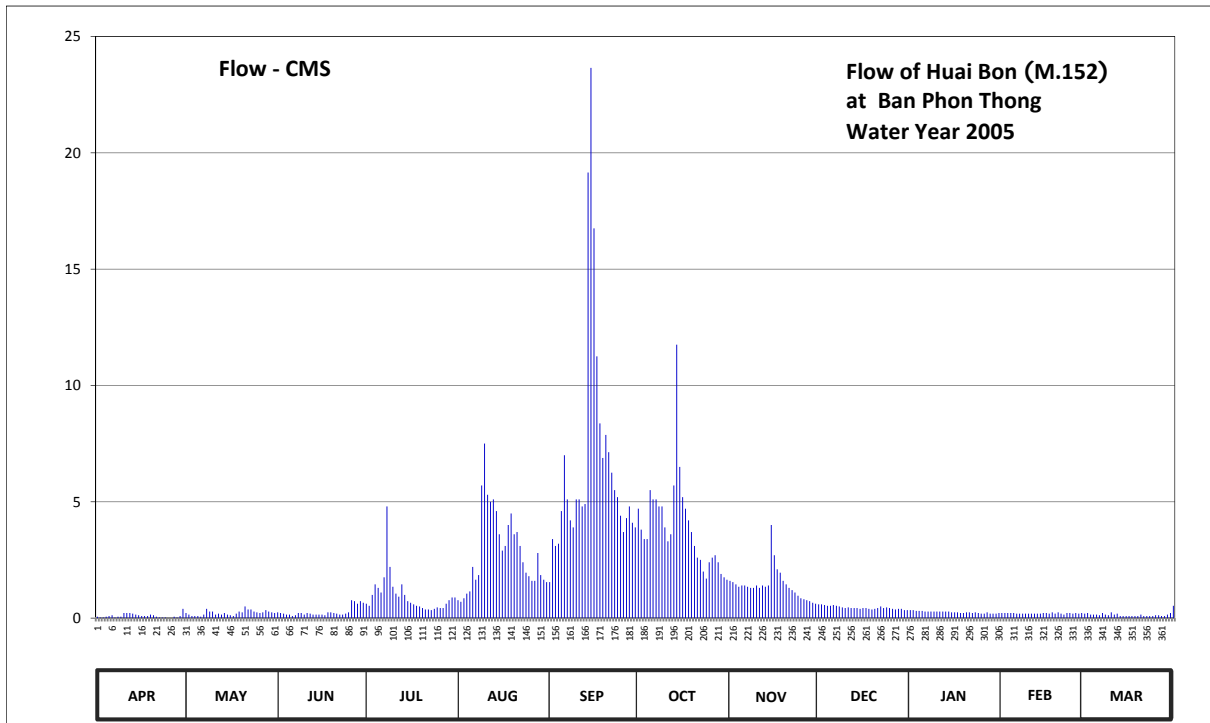
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.33	3.40	3.49	3.29	3.34	3.53	5.19	3.72	3.58	3.42	3.27	3.19	
2	3.40	3.37	3.43	3.29	3.32	3.71	4.35	3.67	3.56	3.41	3.29	3.19	
3	3.35	3.32	3.39	3.38	3.31	3.61	4.08	3.64	3.55	3.41	3.31	3.40	
4	3.36	3.29	3.43	3.44	3.30	4.10	3.89	3.62	3.55	3.40	3.32	3.36	
5	3.34	3.27	3.38	3.34	3.29	4.02	3.86	3.69	3.54	3.40	3.34	3.29	
6	3.32	3.26	3.35	3.32	3.29	3.87	4.11	4.03	3.53	3.40	3.35	3.25	
7	3.30	3.27	3.44	3.36	3.28	3.75	3.99	4.47	3.55	3.40	3.37	3.23	
8	3.31	3.32	3.40	3.34	3.28	3.60	3.82	5.46	3.55	3.40	3.33	3.23	
9	3.45	3.30	3.35	3.31	3.27	4.19	3.76	4.55	3.53	3.40	3.32	3.26	
10	3.33	3.29	3.35	3.29	3.27	4.00	3.78	4.39	3.52	3.39	3.29	3.31	
11	3.30	3.28	3.35	3.49	3.26	3.59	3.72	4.47	3.51	3.39	3.28	3.36	
12	3.32	3.31	3.34	3.36	3.18	3.51	3.68	4.48	3.52	3.39	3.29	3.41	
13	3.30	3.29	3.37	3.36	3.18	3.53	3.68	4.51	3.52	3.38	3.30	3.39	
14	3.28	3.28	3.35	3.33	3.23	5.27	3.79	4.14	3.51	3.38	3.29	3.38	
15	3.27	3.31	3.34	3.38	3.41	4.90	3.85	4.00	3.49	3.37	3.30	3.43	
16	3.25	3.28	3.33	3.36	3.50	4.39	3.73	4.30	3.49	3.36	3.23	3.36	
17	3.24	3.29	3.31	3.50	3.41	4.83	3.82	4.59	3.48	3.36	3.22	3.32	
18	3.28	3.29	3.31	3.43	3.37	5.52	4.07	4.10	3.47	3.35	3.38	3.28	
19	3.38	3.38	3.37	3.37	3.36	4.83	3.80	3.95	3.46	3.34	3.39	3.30	
20	3.32	3.67	3.34	3.34	3.46	6.17	3.69	3.86	3.46	3.32	3.35	3.34	
21	3.29	3.54	3.32	3.33	3.42	4.81	3.64	3.81	3.45	3.32	3.33	3.48	
22	3.28	3.46	3.32	3.31	3.46	4.28	3.62	3.75	3.45	3.32	3.31	3.38	
23	3.26	3.40	3.31	3.31	3.42	4.21	3.61	3.71	3.47	3.33	3.27	3.46	
24	3.25	3.38	3.40	3.30	3.42	4.26	3.60	3.68	3.45	3.33	3.27	3.39	
25	3.25	3.34	3.38	3.30	3.39	4.19	3.65	3.67	3.44	3.33	3.25	3.32	
26	3.32	3.35	3.34	3.37	3.43	4.06	3.72	3.65	3.42	3.29	3.23	3.27	
27	3.35	3.40	3.33	3.44	3.42	4.18	3.78	3.64	3.42	3.29	3.22	3.24	
28	3.31	3.33	3.34	3.47	3.34	3.90	4.33	3.63	3.43	3.30	3.21	3.23	
29	3.29	3.30	3.32	3.46	3.32	5.14	4.19	3.60	3.43	3.30		3.27	
30	3.29	3.59	3.31	3.45	3.26	4.89	3.93	3.60	3.42	3.29		3.41	
31		3.74		3.39	3.25		3.80		3.42	3.29		3.77	
Mean	3.31	3.36	3.36	3.37	3.34	4.29	3.89	4.01	3.49	3.36	3.30	3.34	
Max	3.45	3.74	3.49	3.50	3.50	6.17	5.19	5.46	3.58	3.42	3.39	3.77	6.17
Min	3.24	3.26	3.31	3.29	3.18	3.51	3.60	3.60	3.42	3.29	3.21	3.19	3.18
Annual Max Momentary Gage Height	6.32		m. (A.D.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed 2.34		m. (A.D.)					
Left Bank Elevation	7.75		m. (A.D.) ,										
Right Bank Elevation	6.47		m. (A.D.) ,		Drainage Are	335		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.45	0.00	0.00	0.65	33.65	1.60	0.90	0.10	0.00	0.00	
2	0.00	0.00	0.15	0.00	0.00	1.55	10.50	1.35	0.80	0.05	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	1.05	5.20	1.20	0.75	0.05	0.00	0.00	
4	0.00	0.00	0.15	0.20	0.00	5.50	2.90	1.10	0.75	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	4.30	2.60	1.45	0.70	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	2.70	5.70	4.45	0.65	0.00	0.00	0.00	
7	0.00	0.00	0.20	0.00	0.00	1.75	3.90	12.90	0.75	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	1.00	2.20	43.10	0.75	0.00	0.00	0.00	
9	0.25	0.00	0.00	0.00	0.00	7.30	1.80	14.75	0.65	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	4.00	1.90	11.30	0.60	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.45	0.00	0.95	1.60	12.90	0.55	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.55	1.40	13.10	0.60	0.00	0.00	0.05	
13	0.00	0.00	0.00	0.00	0.00	0.65	1.40	13.75	0.60	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	36.45	1.95	6.30	0.55	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.05	24.50	2.50	4.00	0.45	0.00	0.00	0.15	
16	0.00	0.00	0.00	0.00	0.50	11.30	1.65	9.50	0.45	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.50	0.05	22.40	2.20	15.75	0.40	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.15	0.00	45.20	5.05	5.50	0.35	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	22.40	2.00	3.50	0.30	0.00	0.00	0.00	
20	0.00	1.35	0.00	0.00	0.30	72.15	1.45	2.60	0.30	0.00	0.00	0.00	
21	0.00	0.70	0.00	0.00	0.10	21.80	1.20	2.10	0.25	0.00	0.00	0.40	
22	0.00	0.30	0.00	0.00	0.30	9.10	1.10	1.75	0.25	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.10	7.70	1.05	1.55	0.35	0.00	0.00	0.30	
24	0.00	0.00	0.00	0.00	0.10	8.70	1.00	1.40	0.25	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	7.30	1.25	1.35	0.20	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.15	4.90	1.60	1.25	0.10	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.20	0.10	7.10	1.90	1.20	0.10	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.35	0.00	3.00	10.10	1.15	0.15	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.30	0.00	31.90	7.30	1.00	0.15	0.00	0.00	0.00	
30	0.00	0.95	0.00	0.25	0.00	24.20	3.30	1.00	0.10	0.00	0.00	0.05	
31		1.70		0.00	0.00		2.00		0.10	0.00		1.85	
Total	0.25	5.00	0.95	2.40	1.75	392.05	123.35	193.85	13.85	0.20	0.00	2.80	736.45 CMSDAY
Mean	0.01	0.16	0.03	0.08	0.06	13.07	3.98	6.46	0.45	0.01	0.00	0.09	2.02 CMS
Max	0.25	1.70	0.45	0.50	0.50	72.15	33.65	43.10	0.90	0.10	0.00	1.85	72.15 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.55	1.00	1.00	0.10	0.00	0.00	0.00	0.00 CMS
Runoff	0.02	0.43	0.08	0.21	0.15	33.87	10.66	16.75	1.20	0.02	0.00	0.24	63.63 MCM
Momentary Peak	79.00 CMS, at 6.32 m. (A.D.) , at 12.00 Hours , on Sep 20 , 2005												
Runoff Yield	6.02 Liters/Second/Square KM.			Momentary Peak Yield 235.821 Liters/Second/Square KM.									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	0.22	0.25	0.62	0.77	1.55	4.70	1.60	0.59	0.34	0.22	0.19	
2	0.03	0.15	0.22	0.53	0.70	3.40	3.80	1.55	0.59	0.34	0.22	0.22	
3	0.03	0.09	0.19	1.00	0.85	3.10	3.40	1.45	0.56	0.31	0.22	0.15	
4	0.06	0.09	0.15	1.45	1.05	3.20	3.40	1.35	0.53	0.31	0.22	0.15	
5	0.09	0.09	0.15	1.30	1.15	4.60	5.50	1.40	0.53	0.31	0.22	0.15	
6	0.12	0.06	0.09	1.10	2.20	7.00	5.10	1.40	0.56	0.28	0.19	0.12	
7	0.03	0.15	0.12	1.75	1.65	5.10	5.10	1.35	0.53	0.28	0.19	0.22	
8	0.06	0.40	0.22	4.80	1.85	4.20	4.80	1.30	0.50	0.28	0.19	0.15	
9	0.06	0.28	0.22	2.20	5.70	3.90	4.80	1.30	0.46	0.28	0.19	0.12	
10	0.22	0.28	0.15	1.35	7.50	5.10	3.90	1.40	0.43	0.28	0.19	0.25	
11	0.22	0.15	0.22	1.05	5.30	5.10	3.30	1.30	0.46	0.28	0.19	0.15	
12	0.22	0.19	0.19	0.92	5.00	4.80	3.60	1.40	0.43	0.28	0.19	0.19	
13	0.19	0.15	0.15	1.45	5.10	4.90	5.70	1.35	0.43	0.28	0.19	0.09	
14	0.15	0.22	0.15	1.00	4.60	19.15	11.75	1.40	0.43	0.28	0.19	0.09	
15	0.12	0.15	0.15	0.73	3.60	23.65	6.50	4.00	0.40	0.25	0.22	0.09	
16	0.09	0.12	0.15	0.66	2.90	16.75	5.20	2.70	0.43	0.25	0.22	0.09	
17	0.09	0.09	0.12	0.59	3.10	11.25	4.70	2.10	0.43	0.25	0.19	0.09	
18	0.09	0.19	0.25	0.53	4.00	8.37	4.20	1.95	0.40	0.22	0.25	0.09	
19	0.15	0.28	0.25	0.50	4.50	6.88	3.70	1.60	0.37	0.22	0.19	0.09	
20	0.12	0.25	0.22	0.43	3.60	7.87	3.10	1.45	0.40	0.25	0.25	0.15	
21	0.06	0.50	0.19	0.37	3.70	7.13	2.60	1.30	0.43	0.25	0.19	0.09	
22	0.03	0.37	0.15	0.37	3.10	6.25	2.50	1.20	0.50	0.22	0.15	0.09	
23	0.03	0.37	0.15	0.34	2.40	5.50	2.00	1.10	0.43	0.25	0.22	0.09	
24	0.03	0.28	0.19	0.40	1.95	5.20	1.70	0.96	0.46	0.22	0.22	0.09	
25	0.00	0.25	0.25	0.46	1.80	4.40	2.40	0.85	0.43	0.19	0.19	0.12	
26	0.00	0.22	0.77	0.43	1.60	3.70	2.60	0.81	0.40	0.19	0.22	0.12	
27	0.06	0.25	0.73	0.43	1.60	4.30	2.70	0.77	0.37	0.25	0.19	0.09	
28	0.03	0.34	0.62	0.62	2.80	4.80	2.40	0.73	0.40	0.19	0.22	0.09	
29	0.09	0.28	0.73	0.77	1.85	4.10	1.90	0.66	0.40	0.19		0.15	
30	0.40	0.25	0.66	0.89	1.65	3.90	1.75	0.62	0.34	0.19		0.22	
31		0.22		0.89	1.55		1.65		0.34	0.22		0.53	
Total	2.93	6.93	8.05	29.93	89.12	199.15	120.45	42.35	13.96	7.93	5.73	4.52	531.05 CMSDAY
Mean	0.10	0.22	0.27	0.97	2.87	6.64	3.89	1.41	0.45	0.26	0.20	0.15	1.45 CMS
Max	0.40	0.50	0.77	4.80	7.50	23.65	11.75	4.00	0.59	0.34	0.25	0.53	23.65 CMS
Min	0.00	0.06	0.09	0.34	0.70	1.55	1.65	0.62	0.34	0.19	0.15	0.09	0.00 CMS
Runoff	0.25	0.60	0.70	2.59	7.70	17.21	10.41	3.66	1.21	0.69	0.50	0.39	45.88 MCM
Momentary Peak	25.00	CMS, at 3.25 m. (A.D.) , at 12.00 Hours , on Sep 15 , 2005											
Runoff Yield	6.80	Liters/Second/Square KM.		Momentary Peak Yield		116.822	Liters/Second/Square KM.						

WATER YEAR : 2005**MUN RIVER BASIN****Lam Dom Yai at Ban Kut Chiang Mun, Ubon Ratchathani (M.153)**

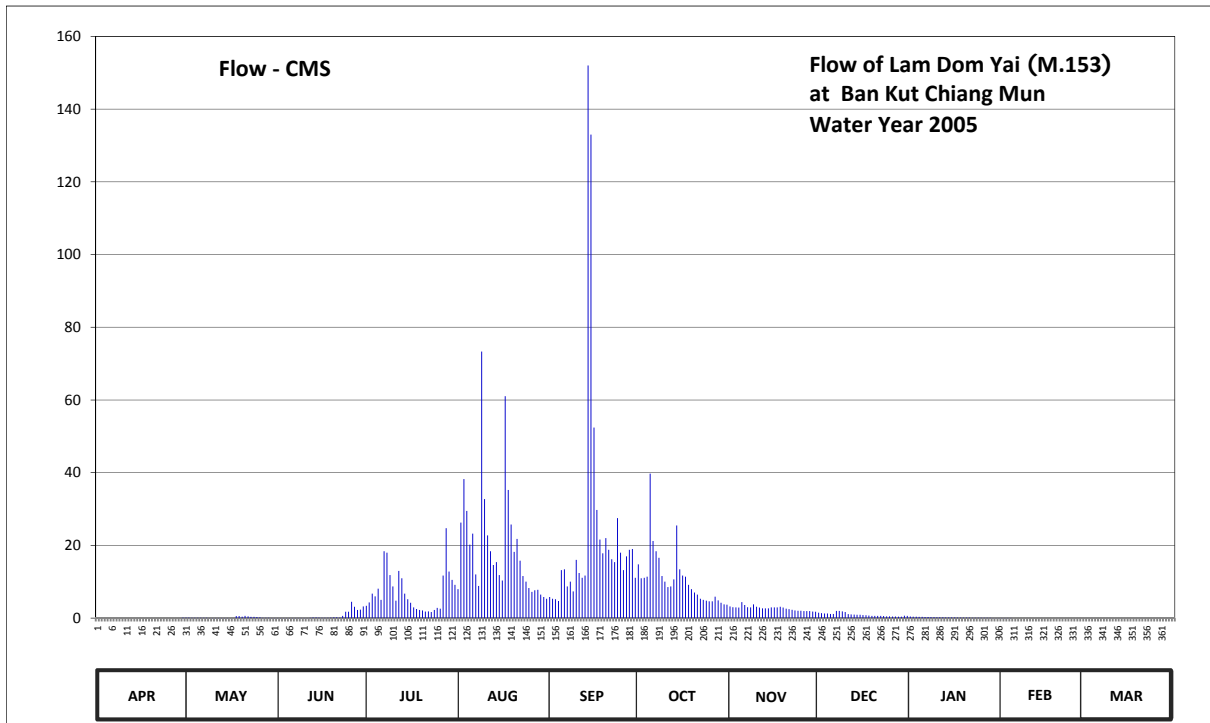
Lat 14 - 26 - 41 N Long 105 - 07 - 30 E

Location : on right bank at the bridge on road.

	Ban	Kut Chiang Mun	Amphoe	Nam Yuen	Changwat	Ubon Ratchathani
Drainage Area	373	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000	m. (A.D.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank downstream at the footpath of the bridge.				Elevation	+11.183 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1996 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +4.010 m.(A.D.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 41 discharge measurements made in 2005.					

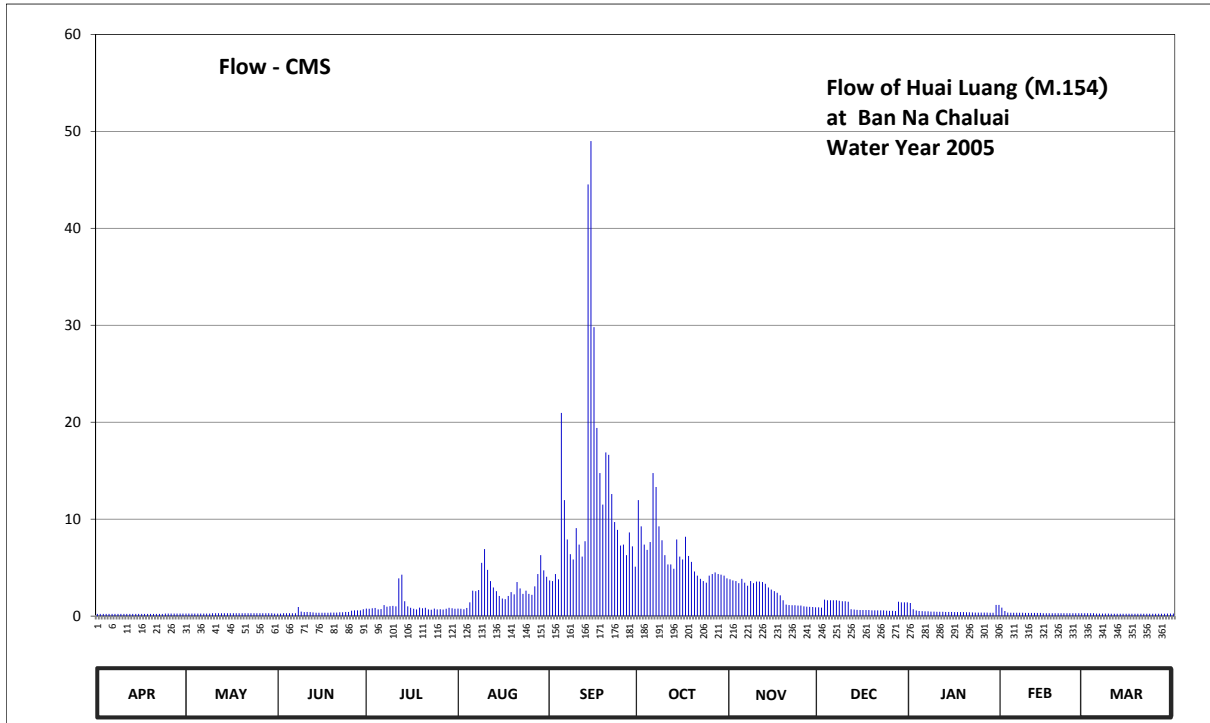
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.58	0.66	0.63	1.24	1.63	1.48	2.04	1.22	0.95	0.75	0.62	0.60	
2	0.58	0.66	0.62	1.33	2.57	1.43	1.83	1.20	0.93	0.74	0.62	0.60	
3	0.57	0.65	0.62	1.55	3.05	1.42	1.84	1.19	0.91	0.74	0.61	0.60	
4	0.57	0.65	0.62	1.50	2.70	1.37	1.86	1.18	0.91	0.73	0.61	0.60	
5	0.57	0.65	0.62	1.64	2.31	1.96	3.11	1.34	0.89	0.73	0.60	0.59	
6	0.57	0.64	0.62	1.40	2.45	1.97	2.36	1.26	0.89	0.72	0.60	0.59	
7	0.57	0.64	0.62	2.22	1.90	1.68	2.22	1.20	1.03	0.72	0.60	0.59	
8	0.57	0.64	0.63	2.20	1.69	1.77	2.13	1.19	1.03	0.71	0.59	0.59	
9	0.57	0.63	0.63	1.89	4.18	1.59	1.87	1.28	1.01	0.71	0.59	0.58	
10	0.60	0.63	0.62	1.68	2.83	2.10	1.77	1.21	0.98	0.70	0.59	0.58	
11	0.60	0.62	0.62	1.38	2.43	1.92	1.67	1.18	0.88	0.70	0.58	0.58	
12	0.57	0.62	0.65	1.95	2.22	1.84	1.68	1.15	0.86	0.70	0.58	0.57	
13	0.57	0.62	0.68	1.83	2.03	1.88	1.81	1.15	0.85	0.69	0.58	0.57	
14	0.57	0.61	0.68	1.55	2.07	6.00	2.54	1.15	0.84	0.69	0.59	0.57	
15	0.57	0.61	0.67	1.42	1.89	5.62	1.97	1.19	0.84	0.68	0.59	0.57	
16	0.57	0.60	0.65	1.32	1.79	3.58	1.88	1.19	0.83	0.68	0.59	0.58	
17	0.57	0.59	0.64	1.19	3.83	2.71	1.86	1.19	0.82	0.67	0.59	0.58	
18	0.58	0.77	0.64	1.12	2.93	2.38	1.71	1.21	0.80	0.67	0.59	0.58	
19	0.57	0.77	0.67	1.07	2.55	2.19	1.63	1.18	0.78	0.66	0.59	0.58	
20	0.57	0.74	0.70	1.05	2.21	2.40	1.57	1.13	0.78	0.66	0.58	0.58	
21	0.57	0.78	0.70	1.00	2.39	2.24	1.53	1.11	0.78	0.66	0.58	0.58	
22	0.57	0.76	0.67	1.01	2.09	2.11	1.43	1.08	0.78	0.65	0.58	0.58	
23	0.57	0.73	0.78	0.98	1.87	2.07	1.40	1.05	0.77	0.65	0.58	0.57	
24	0.57	0.73	0.99	1.07	1.77	2.62	1.38	1.04	0.76	0.65	0.58	0.57	
25	0.57	0.72	0.99	1.17	1.65	2.20	1.36	1.04	0.76	0.64	0.58	0.57	
26	0.57	0.70	1.35	1.13	1.58	1.96	1.36	1.02	0.75	0.64	0.58	0.57	
27	0.57	0.65	1.21	1.88	1.61	2.15	1.49	1.02	0.75	0.64	0.58	0.57	
28	0.57	0.65	1.07	2.51	1.62	2.24	1.39	1.02	0.74	0.64	0.58	0.57	
29	0.57	0.64	1.09	1.94	1.53	2.25	1.32	1.00	0.74	0.63		0.57	
30	0.66	0.63	1.22	1.80	1.48	1.84	1.28	0.99	0.79	0.63		0.57	
31		0.63		1.71	1.43		1.27		0.78	0.63		0.57	
Mean	0.58	0.67	0.76	1.51	2.20	2.30	1.76	1.15	0.85	0.68	0.59	0.58	
Max	0.66	0.78	1.35	2.51	4.18	6.00	3.11	1.34	1.03	0.75	0.62	0.60	6.00
Min	0.57	0.59	0.62	0.98	1.43	1.37	1.27	0.99	0.74	0.63	0.58	0.57	0.57
Annual Max Momentary Gage Height	6.30	m. (A.D.) ,		at 18.00 Hours , on Sep 14, 2005									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed	0.55	m. (A.D.)							
Left Bank Elevation	4.00	m. (A.D.) ,											
Right Bank Elevation	6.26	m. (A.D.) ,		Drainage Are	373	Square Kilometers							



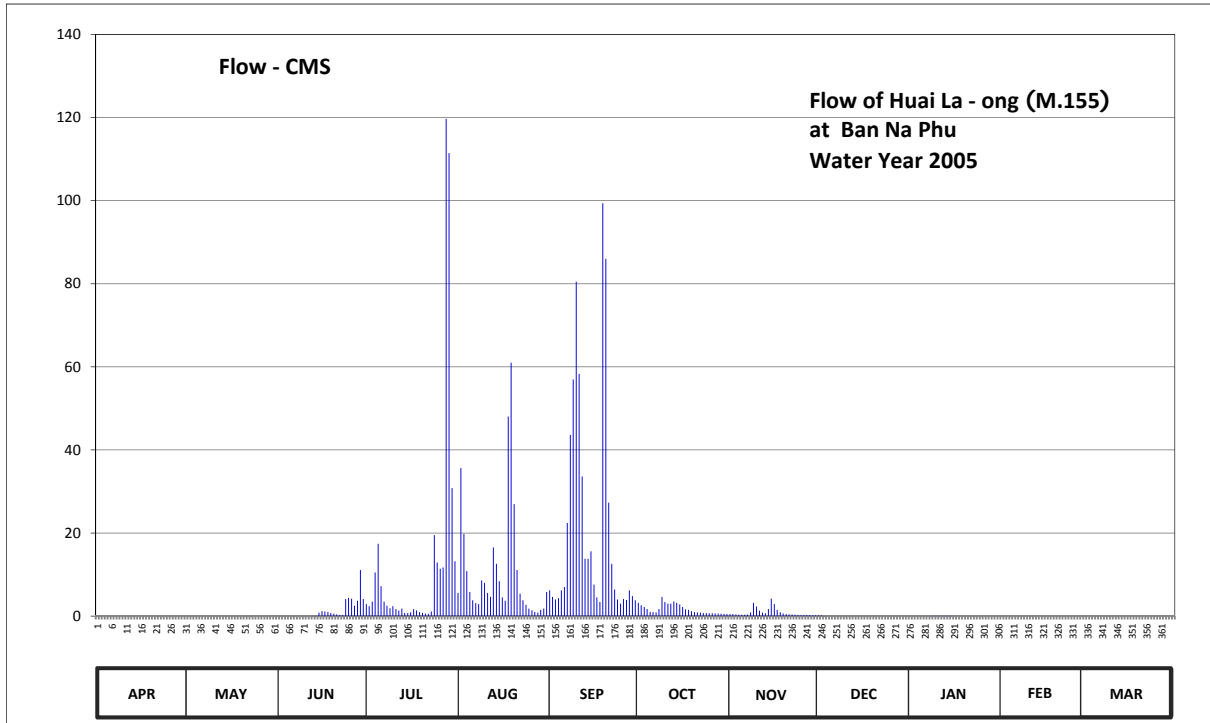
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.12	0.06	3.40	7.95	5.80	14.80	3.20	1.50	0.45	0.04	0.00	
2	0.00	0.12	0.04	4.30	26.25	5.30	10.95	3.00	1.38	0.40	0.04	0.00	
3	0.00	0.10	0.04	6.75	38.25	5.20	11.10	2.94	1.26	0.40	0.02	0.00	
4	0.00	0.10	0.04	6.00	29.50	4.70	11.40	2.88	1.26	0.35	0.02	0.00	
5	0.00	0.10	0.04	8.10	20.20	13.20	39.75	4.40	1.15	0.35	0.00	0.00	
6	0.00	0.08	0.04	5.00	23.25	13.40	21.20	3.60	1.15	0.30	0.00	0.00	
7	0.00	0.08	0.04	18.40	12.00	8.70	18.40	3.00	1.98	0.30	0.00	0.00	
8	0.00	0.08	0.06	18.00	8.85	10.05	16.60	2.94	1.98	0.25	0.00	0.00	
9	0.00	0.06	0.06	11.85	73.30	7.35	11.55	3.80	1.86	0.25	0.00	0.00	
10	0.00	0.06	0.04	8.70	32.75	16.00	10.05	3.10	1.68	0.20	0.00	0.00	
11	0.00	0.04	0.04	4.80	22.75	12.40	8.55	2.88	1.10	0.20	0.00	0.00	
12	0.00	0.04	0.10	13.00	18.40	11.10	8.70	2.70	1.00	0.20	0.00	0.00	
13	0.00	0.04	0.16	10.95	14.60	11.70	10.65	2.70	0.95	0.18	0.00	0.00	
14	0.00	0.02	0.16	6.75	15.40	152.00	25.50	2.70	0.90	0.18	0.00	0.00	
15	0.00	0.02	0.14	5.20	11.85	133.00	13.40	2.94	0.90	0.16	0.00	0.00	
16	0.00	0.00	0.10	4.20	10.35	52.40	11.70	2.94	0.85	0.16	0.00	0.00	
17	0.00	0.00	0.08	2.94	61.05	29.75	11.40	2.94	0.80	0.14	0.00	0.00	
18	0.00	0.55	0.08	2.52	35.25	21.60	9.15	3.10	0.70	0.14	0.00	0.00	
19	0.00	0.55	0.14	2.22	25.75	17.80	7.95	2.88	0.60	0.12	0.00	0.00	
20	0.00	0.40	0.20	2.10	18.20	22.00	7.05	2.58	0.60	0.12	0.00	0.00	
21	0.00	0.60	0.20	1.80	21.80	18.80	6.45	2.46	0.60	0.12	0.00	0.00	
22	0.00	0.50	0.14	1.86	15.80	16.20	5.30	2.28	0.60	0.10	0.00	0.00	
23	0.00	0.35	0.60	1.68	11.55	15.40	5.00	2.10	0.55	0.10	0.00	0.00	
24	0.00	0.35	1.74	2.22	10.05	27.50	4.80	2.04	0.50	0.10	0.00	0.00	
25	0.00	0.30	1.74	2.82	8.25	18.00	4.60	2.04	0.50	0.08	0.00	0.00	
26	0.00	0.20	4.50	2.58	7.20	13.20	4.60	1.92	0.45	0.08	0.00	0.00	
27	0.00	0.10	3.10	11.70	7.65	17.00	5.90	1.92	0.45	0.08	0.00	0.00	
28	0.00	0.10	2.22	24.75	7.80	18.80	4.90	1.92	0.40	0.08	0.00	0.00	
29	0.00	0.08	2.34	12.80	6.45	19.00	4.20	1.80	0.40	0.06	0.00	0.00	
30	0.12	0.06	3.20	10.50	5.80	11.10	3.80	1.74	0.65	0.06	0.00	0.00	
31		0.06		9.15	5.30		3.70		0.60	0.06		0.00	
Total	0.12	5.26	21.44	227.04	613.55	728.45	333.10	81.44	29.30	5.77	0.12	0.00	2045.59 CMSDAY
Mean	0.00	0.17	0.71	7.32	19.79	24.28	10.75	2.71	0.95	0.19	0.00	0.00	5.60 CMS
Max	0.12	0.60	4.50	24.75	73.30	152.00	39.75	4.40	1.98	0.45	0.04	0.00	152.00 CMS
Min	0.00	0.00	0.04	1.68	5.30	4.70	3.70	1.74	0.40	0.06	0.00	0.00	0.00 CMS
Runoff	0.01	0.45	1.85	19.62	53.01	62.94	28.78	7.04	2.53	0.50	0.01	0.00	176.74 MCM
Momentary Peak	167.50 CMS, at 6.30 m. (A.D.) , at 18.00 Hours , on Sep 14 , 2005												
Runoff Yield	15.03 Liters/Second/Square KM.			Momentary Peak Yield 449.062 Liters/Second/Square KM.									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.23	0.27	0.27	0.78	0.78	3.68	11.96	3.79	0.90	1.36	0.88	0.29	
2	0.23	0.27	0.27	0.76	0.75	3.62	9.26	3.68	0.88	0.71	0.52	0.29	
3	0.23	0.27	0.29	0.80	0.71	4.34	7.37	3.62	1.70	0.57	0.36	0.29	
4	0.23	0.27	0.29	0.84	0.84	3.79	6.83	3.40	1.64	0.52	0.35	0.29	
5	0.23	0.27	0.29	0.69	1.42	20.96	7.64	3.84	1.64	0.51	0.35	0.27	
6	0.23	0.27	0.29	0.73	2.63	11.96	14.75	3.45	1.64	0.49	0.35	0.26	
7	0.23	0.27	0.30	1.14	2.58	7.91	13.31	3.13	1.64	0.49	0.35	0.26	
8	0.23	0.27	0.94	0.98	2.69	6.38	9.26	3.62	1.59	0.46	0.35	0.26	
9	0.23	0.27	0.46	1.02	5.49	5.84	7.82	3.40	1.53	0.46	0.33	0.26	
10	0.23	0.30	0.41	1.06	6.92	9.08	6.29	3.57	1.53	0.44	0.33	0.24	
11	0.23	0.30	0.43	1.00	4.77	7.37	5.33	3.57	1.48	0.44	0.33	0.24	
12	0.23	0.30	0.41	3.90	3.62	6.14	5.33	3.51	0.71	0.44	0.33	0.24	
13	0.23	0.30	0.38	4.28	2.96	7.73	4.88	3.34	0.67	0.43	0.33	0.24	
14	0.23	0.30	0.35	1.53	2.58	44.52	7.91	2.96	0.64	0.43	0.33	0.24	
15	0.23	0.30	0.35	1.00	2.08	49.00	6.14	2.74	0.62	0.43	0.30	0.24	
16	0.23	0.30	0.35	0.86	1.81	29.80	5.84	2.58	0.62	0.41	0.30	0.24	
17	0.23	0.30	0.35	0.75	1.75	19.40	8.18	2.41	0.62	0.41	0.30	0.24	
18	0.23	0.30	0.35	0.69	2.08	14.75	6.20	2.14	0.62	0.41	0.30	0.24	
19	0.23	0.30	0.36	0.88	2.47	11.51	5.60	1.64	0.60	0.41	0.30	0.24	
20	0.23	0.30	0.36	0.80	2.25	16.88	4.61	1.18	0.60	0.40	0.30	0.24	
21	0.23	0.29	0.36	0.86	3.51	16.64	4.17	1.14	0.60	0.40	0.30	0.24	
22	0.23	0.29	0.40	0.69	2.85	12.59	3.84	1.12	0.59	0.38	0.30	0.24	
23	0.23	0.29	0.40	0.66	2.30	9.71	3.62	1.12	0.59	0.36	0.30	0.24	
24	0.27	0.29	0.43	0.78	2.63	8.90	3.45	1.08	0.56	0.36	0.29	0.24	
25	0.27	0.29	0.43	0.69	2.30	7.28	4.17	1.08	0.54	0.36	0.29	0.24	
26	0.27	0.29	0.56	0.71	2.19	7.37	4.34	1.00	0.54	0.36	0.29	0.24	
27	0.27	0.29	0.59	0.67	3.07	6.29	4.50	0.98	0.52	0.36	0.29	0.24	
28	0.27	0.29	0.59	0.76	4.34	8.63	4.34	0.96	1.48	0.35	0.29	0.24	
29	0.27	0.29	0.60	0.86	6.29	7.19	4.28	0.94	1.42	0.35		0.26	
30	0.27	0.29	0.71	0.80	4.72	5.10	4.17	0.90	1.42	1.16		0.26	
31		0.27		0.75	4.06		3.90		1.42	1.16		0.26	
Total	7.18	8.90	12.57	32.72	89.44	374.36	199.29	71.89	31.55	15.82	9.64	7.81	861.17 CMSDAY
Mean	0.24	0.29	0.42	1.06	2.89	12.48	6.43	2.40	1.02	0.51	0.34	0.25	2.36 CMS
Max	0.27	0.30	0.94	4.28	6.92	49.00	14.75	3.84	1.70	1.36	0.88	0.29	49.00 CMS
Min	0.23	0.27	0.27	0.66	0.71	3.62	3.45	0.90	0.52	0.35	0.29	0.24	0.23 CMS
Runoff	0.62	0.77	1.09	2.83	7.73	32.35	17.22	6.21	2.73	1.37	0.83	0.68	74.41 MCM
Momentary Peak	51.70	CMS, at 5.85 m. (A.D.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	11.24	Liters/Second/Square KM.		Momentary Peak Yield		246.190	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	2.90	5.60	6.20	3.20	0.51	0.18	0.00	0.00	0.00	
2	0.00	0.00	0.00	2.40	35.60	4.60	2.60	0.48	0.15	0.00	0.00	0.00	
3	0.00	0.00	0.00	3.50	19.80	4.00	2.20	0.42	0.03	0.00	0.00	0.00	
4	0.00	0.00	0.00	10.50	10.80	4.30	1.70	0.36	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	17.40	5.80	6.20	1.00	0.36	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	7.20	3.80	7.00	0.96	0.36	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	3.50	3.10	22.40	0.88	0.39	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	2.50	2.90	43.60	1.70	0.88	0.00	0.03	0.00	0.00	
9	0.00	0.00	0.00	1.90	8.60	56.95	4.60	3.20	0.00	0.06	0.00	0.00	
10	0.00	0.00	0.03	2.40	8.00	80.50	3.40	2.30	0.00	0.06	0.00	0.00	
11	0.00	0.00	0.00	1.70	5.60	58.30	3.00	1.30	0.00	0.06	0.00	0.00	
12	0.00	0.00	0.00	1.30	4.60	33.60	3.00	0.84	0.00	0.06	0.00	0.00	
13	0.00	0.00	0.03	1.80	16.50	13.80	3.50	0.68	0.00	0.09	0.00	0.00	
14	0.00	0.00	0.06	0.76	12.60	13.80	3.20	1.70	0.00	0.09	0.00	0.00	
15	0.00	0.00	0.84	0.76	8.40	15.60	2.80	4.20	0.00	0.09	0.00	0.00	
16	0.00	0.00	1.20	0.92	4.50	7.60	2.20	2.90	0.00	0.00	0.00	0.00	
17	0.00	0.00	1.10	1.70	3.70	4.50	1.60	1.50	0.00	0.00	0.00	0.00	
18	0.00	0.00	1.00	1.40	48.00	3.40	1.50	0.92	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.72	0.96	61.00	99.35	1.20	0.64	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.57	0.76	26.95	86.00	0.96	0.51	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.42	0.60	11.10	27.30	0.88	0.42	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.27	0.54	5.40	12.60	0.84	0.39	0.00	0.00	0.00	0.00	
23	0.00	0.03	0.21	1.10	3.80	6.40	0.76	0.33	0.00	0.00	0.00	0.00	
24	0.00	0.00	4.10	19.50	2.70	4.00	0.72	0.27	0.00	0.00	0.00	0.00	
25	0.00	0.00	4.40	12.90	1.80	3.00	0.68	0.24	0.00	0.00	0.00	0.00	
26	0.00	0.00	4.20	11.40	1.40	4.10	0.68	0.24	0.00	0.00	0.00	0.00	
27	0.00	0.00	2.50	11.70	1.00	3.90	0.64	0.21	0.00	0.00	0.00	0.00	
28	0.00	0.00	3.70	119.70	0.84	6.20	0.60	0.21	0.00	0.00	0.00	0.00	
29	0.00	0.00	11.10	111.45	1.50	4.80	0.57	0.18	0.00	0.00	0.00	0.00	
30	0.00	0.00	4.10	30.80	1.80	3.80	0.54	0.18	0.00	0.00	0.00	0.00	
31	0.00	0.00		13.20	5.80		0.51		0.00	0.00		0.00	
Total	0.00	0.03	40.55	399.15	332.99	647.80	52.62	27.12	0.36	0.54	0.00	0.00	1501.16 CMSDAY
Mean	0.00	0.00	1.35	12.88	10.74	21.59	1.70	0.90	0.01	0.02	0.00	0.00	4.11 CMS
Max	0.00	0.03	11.10	119.70	61.00	99.35	4.60	4.20	0.18	0.09	0.00	0.00	119.70 CMS
Min	0.00	0.00	0.00	0.54	0.84	3.00	0.51	0.18	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.03	3.50	34.49	28.77	55.97	4.55	2.34	0.03	0.05	0.00	0.00	129.70 MCM
Momentary Peak	143.10	CMS, at 4.36 m. (A.D.) , at 18.00 Hours , on Jul 28 , 2005											
Runoff Yield	18.78	Liters/Second/Square KM.		Momentary Peak Yield		653.425	Liters/Second/Square KM.						

WATER YEAR : 2005**MUN RIVER BASIN****Huai Ban at Ban Na Phu, Amnart Charoen (M.156)**

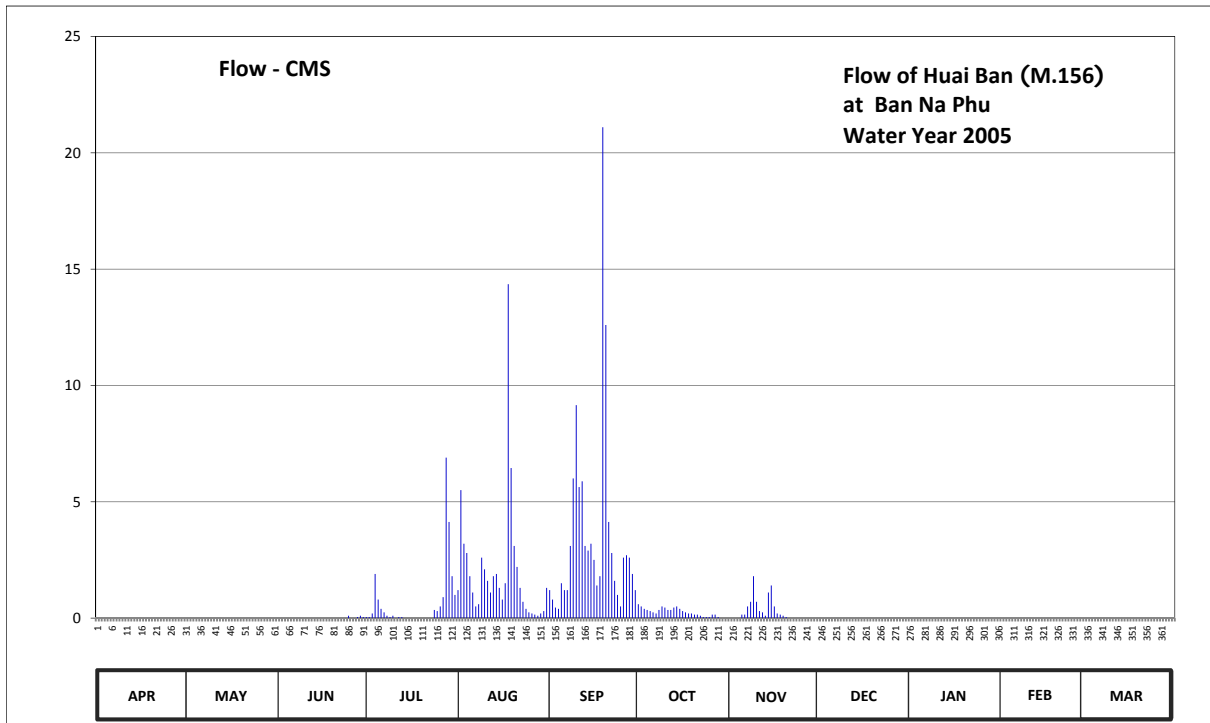
Lat 15 - 59 - 14 N Long 104 - 38 - 28 E

Location : on left bank at the bridge on road.

	Ban	Na Phu	Amphoe	Mueang	Changwat	Amnart Charoen
Drainage Area	40	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+0.000 m. (A.D.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the footpath of the bridge.				Elevation	+6.230 m. (A.D.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1997 to date					
Rating Operation						
Period of Rating	1997 to date					
Rated by Flot	-					
Rated by Current Meter	1997 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +3.430 m.(A.D.) and is including overbank flow.					
General Description	Records fair. The concrete weir situated about 250 meters downstream from the gage site. Stage-discharge relation defined by 14 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	0.33	0.57	1.71	1.87	1.87	1.81	1.70	1.69	1.52	1.21	0.94	
2	0.32	0.33	0.56	1.71	2.26	1.83	1.80	1.70	1.69	1.52	1.20	0.93	
3	0.32	0.33	0.56	1.74	2.07	1.79	1.78	1.69	1.69	1.51	1.19	0.92	
4	0.32	0.33	0.56	1.94	2.03	1.78	1.77	1.69	1.69	1.50	1.18	0.91	
5	0.32	0.33	0.56	1.83	1.93	1.90	1.76	1.73	1.69	1.49	1.17	0.90	
6	0.32	0.33	0.55	1.78	1.86	1.87	1.75	1.73	1.69	1.48	1.16	0.89	
7	0.32	0.33	0.54	1.75	1.80	1.87	1.74	1.80	1.68	1.47	1.15	0.89	
8	0.32	0.33	0.53	1.72	1.81	2.06	1.77	1.82	1.68	1.45	1.14	0.88	
9	0.32	0.33	0.62	1.71	2.01	2.30	1.80	1.93	1.68	1.44	1.13	0.88	
10	0.32	0.33	0.89	1.72	1.96	2.51	1.79	1.82	1.68	1.43	1.13	0.87	
11	0.32	0.33	1.10	1.70	1.91	2.27	1.77	1.76	1.68	1.42	1.12	0.87	
12	0.32	0.33	1.15	1.71	1.86	2.29	1.77	1.75	1.68	1.41	1.12	0.86	
13	0.32	0.41	1.14	1.71	1.93	2.06	1.79	1.72	1.68	1.40	1.11	0.87	
14	0.32	0.39	1.13	1.70	1.94	2.04	1.80	1.86	1.67	1.39	1.11	0.87	
15	0.32	0.37	1.19	1.70	1.88	2.07	1.78	1.89	1.64	1.38	1.11	0.87	
16	0.32	0.35	1.25	1.70	1.83	2.00	1.76	1.80	1.63	1.37	1.09	0.86	
17	0.32	0.34	1.41	1.69	1.90	1.89	1.75	1.74	1.62	1.36	1.08	0.85	
18	0.32	0.34	1.50	1.69	2.82	1.93	1.74	1.73	1.61	1.35	1.07	0.84	
19	0.32	0.63	1.51	1.70	2.33	3.18	1.74	1.72	1.60	1.34	1.06	0.83	
20	0.32	0.65	1.57	1.70	2.06	2.72	1.73	1.71	1.59	1.33	1.05	0.82	
21	0.32	0.64	1.54	1.69	1.97	2.15	1.73	1.70	1.58	1.32	1.03	0.81	
22	0.32	0.63	1.50	1.69	1.88	2.03	1.72	1.70	1.58	1.31	1.01	0.81	
23	0.32	0.62	1.45	1.70	1.82	1.91	1.71	1.70	1.57	1.30	1.00	0.80	
24	0.32	0.61	1.66	1.77	1.78	1.85	1.71	1.69	1.55	1.29	0.99	0.79	
25	0.32	0.60	1.72	1.76	1.75	1.80	1.71	1.69	1.54	1.28	0.98	0.78	
26	0.32	0.59	1.70	1.80	1.74	2.01	1.73	1.69	1.53	1.27	0.97	0.77	
27	0.32	0.57	1.70	1.84	1.73	2.02	1.73	1.69	1.53	1.26	0.96	0.76	
28	0.32	0.56	1.71	2.36	1.72	2.01	1.71	1.69	1.53	1.25	0.95	0.75	
29	0.32	0.58	1.72	2.15	1.74	1.94	1.70	1.69	1.52	1.24		0.74	
30	0.32	0.60	1.71	1.93	1.76	1.87	1.70	1.69	1.52	1.24		0.76	
31		0.58		1.85	1.88		1.70		1.52	1.24		0.84	
Mean	0.32	0.45	1.18	1.78	1.93	2.06	1.75	1.74	1.62	1.37	1.09	0.84	
Max	0.32	0.65	1.72	2.36	2.82	3.18	1.81	1.93	1.69	1.52	1.21	0.94	3.18
Min	0.32	0.33	0.53	1.69	1.72	1.78	1.70	1.69	1.52	1.24	0.95	0.74	0.32
Annual Max Momentary Gage Height	3.58												at 07.00 Hours , on Sep 19, 2005
Zero Gage at Bottom Elevation	0.00						0.33						m. (A.D.)
Left Bank Elevation		3.42											m. (A.D.)
Right Bank Elevation		3.93											m. (A.D.)
Drainage Area						40							Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.05	1.20	1.20	0.60	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.05	5.50	0.80	0.50	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.20	3.20	0.45	0.40	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	1.90	2.80	0.40	0.35	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.80	1.80	1.50	0.30	0.15	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.40	1.10	1.20	0.25	0.15	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.25	0.50	1.20	0.20	0.50	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.10	0.60	3.10	0.35	0.70	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.05	2.60	6.00	0.50	1.80	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.10	2.10	9.15	0.45	0.70	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	1.60	5.63	0.35	0.30	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.05	1.10	5.88	0.35	0.25	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.05	1.80	3.10	0.45	0.10	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	1.90	2.90	0.50	1.10	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	1.30	3.20	0.40	1.40	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.80	2.50	0.30	0.50	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	1.50	1.40	0.25	0.20	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	14.35	1.80	0.20	0.15	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	6.45	21.10	0.20	0.10	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	3.10	12.60	0.15	0.05	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	2.20	4.13	0.15	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	1.30	2.80	0.10	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.70	1.60	0.05	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.35	0.40	1.00	0.05	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.10	0.30	0.25	0.50	0.05	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.50	0.20	2.60	0.15	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.90	0.15	2.70	0.15	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.05	6.90	0.10	2.60	0.05	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.10	4.13	0.20	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.05	1.80	0.30	1.20	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.30	19.88	62.40	106.14	7.80	8.15	0.00	0.00	0.00	0.00	204.67 CMSDAY
Mean	0.00	0.00	0.01	0.64	2.01	3.54	0.25	0.27	0.00	0.00	0.00	0.00	0.56 CMS
Max	0.00	0.00	0.10	6.90	14.35	21.10	0.60	1.80	0.00	0.00	0.00	0.00	21.10 CMS
Min	0.00	0.00	0.00	0.00	0.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.03	1.72	5.39	9.17	0.67	0.70	0.00	0.00	0.00	0.00	17.68 MCM
Momentary Peak	29.10	CMS, at 3.58 m. (A.D.) , at 07.00 Hours , on Sep 19 , 2005											
Runoff Yield	14.02	Liters/Second/Square KM. Momentary Peak Yield 727.500 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN**

Huai Lam Phong at Ban Nikhom, Yasothon (M.157)

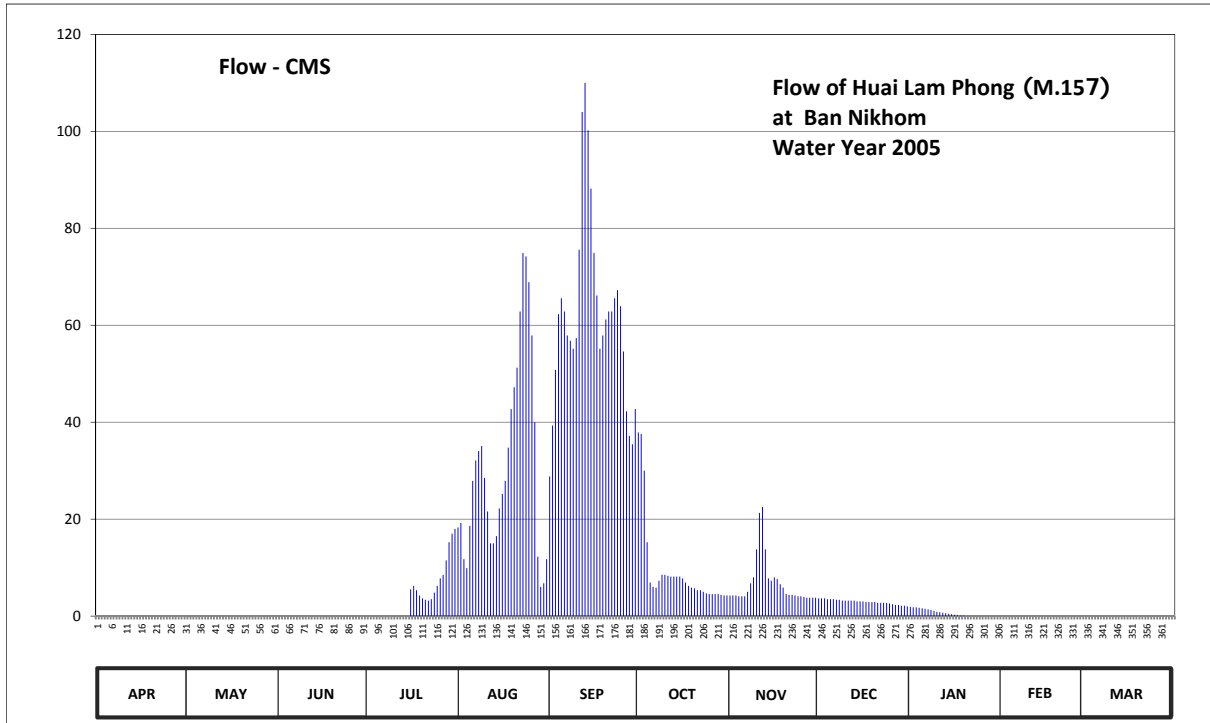
Lat 15 - 48 - 17 N Long 104 - 19 - 52 E

Location : on right bank at the bridge of Arun Prasoet road.

	Ban Nikhom	Amphoe Pa Tio	Changwat Yasothon
Drainage Area	729 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream side of the footpath of the bridge.	Elevation	+10.090 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 - 1999, 2001 to date.		
Rated by Flot	-		
Rated by Current Meter	1997 - 1999, 2001 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +4.530 m.(A.D.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.28	2.00	2.00	1.14	4.41	4.76	5.04	3.75	3.71	3.59	3.28	2.89	
2	2.27	2.00	2.00	1.14	4.44	5.08	5.03	3.75	3.71	3.58	3.25	2.89	
3	2.26	2.00	2.00	1.14	4.15	5.34	4.80	3.75	3.71	3.58	3.22	2.89	
4	2.26	2.00	2.00	1.18	4.07	5.56	4.29	3.74	3.70	3.57	3.21	2.87	
5	2.23	2.00	2.00	1.19	4.42	5.62	3.91	3.74	3.70	3.56	3.20	2.86	
6	2.23	2.00	2.00	1.20	4.73	5.57	3.86	3.74	3.70	3.55	3.18	2.84	
7	2.22	2.00	2.00	1.20	4.87	5.48	3.85	3.80	3.69	3.54	3.17	2.83	
8	2.21	2.00	2.00	1.20	4.93	5.46	3.93	3.90	3.69	3.53	3.16	2.82	
9	2.21	2.00	2.00	1.19	4.96	5.43	4.00	3.97	3.68	3.51	3.14	2.81	
10	2.21	2.00	2.00	1.19	4.75	5.47	4.00	4.23	3.68	3.49	3.12	2.79	
11	2.18	2.00	2.00	1.19	4.52	5.78	3.99	4.51	3.68	3.48	3.10	2.78	
12	2.17	2.00	2.00	1.18	4.28	6.13	3.98	4.55	3.68	3.47	3.09	2.77	
13	2.17	2.00	2.00	1.24	4.28	6.19	3.98	4.23	3.68	3.46	3.07	2.76	
14	2.13	2.00	2.00	1.59	4.34	6.09	3.98	3.96	3.67	3.45	3.06	2.75	
15	2.13	2.00	2.00	2.20	4.54	5.94	3.98	3.93	3.67	3.44	3.05	2.75	
16	2.12	2.00	1.66	3.83	4.64	5.77	3.96	3.97	3.67	3.43	3.04	2.74	
17	2.10	2.00	1.42	3.87	4.73	5.63	3.91	3.95	3.66	3.42	3.03	2.74	
18	2.10	2.00	1.40	3.82	4.95	5.43	3.87	3.89	3.66	3.41	3.03	2.73	
19	2.10	2.00	1.34	3.75	5.16	5.48	3.85	3.85	3.66	3.41	3.03	2.69	
20	2.07	2.00	1.32	3.71	5.26	5.54	3.84	3.77	3.66	3.40	3.02	2.67	
21	2.07	2.00	1.32	3.69	5.35	5.57	3.82	3.76	3.65	3.39	3.02	2.65	
22	2.06	2.00	1.21	3.68	5.57	5.57	3.82	3.76	3.65	3.38	3.01	2.65	
23	2.05	2.00	1.12	3.70	5.77	5.62	3.80	3.75	3.65	3.37	3.01	2.62	
24	2.04	2.00	1.08	3.79	5.76	5.65	3.78	3.74	3.65	3.36	2.98	2.61	
25	2.04	2.00	1.10	3.87	5.68	5.59	3.77	3.74	3.64	3.35	2.94	2.60	
26	2.01	2.00	1.11	3.96	5.48	5.42	3.77	3.73	3.63	3.34	2.91	2.59	
27	2.00	2.00	1.11	4.00	5.10	5.15	3.77	3.72	3.62	3.33	2.90	2.58	
28	2.00	2.00	1.11	4.14	4.17	5.02	3.77	3.72	3.62	3.32	2.89	2.58	
29	2.00	2.00	1.12	4.29	3.86	4.97	3.76	3.72	3.61	3.31		2.58	
30	2.00	2.00	1.12	4.36	3.90	5.16	3.75	3.72	3.61	3.31		2.59	
31		2.00		4.40	4.15		3.75		3.60	3.30		2.62	
Mean	2.13	2.00	1.62	2.65	4.75	5.52	3.99	3.88	3.66	3.44	3.08	2.73	
Max	2.28	2.00	2.00	4.40	5.77	6.19	5.04	4.55	3.71	3.59	3.28	2.89	6.19
Min	2.00	2.00	1.08	1.14	3.86	4.76	3.75	3.72	3.60	3.30	2.89	2.58	1.08
Annual Max Momentary Gage Height	6.19			m. (A.D.) ,			at 18.00 Hours ,						
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,		River Bed	1.39	m. (A.D.)					
Left Bank Elevation		4.52		m. (A.D.) ,									
Right Bank Elevation		4.53		m. (A.D.) ,		Drainage Are	729	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	18.30	28.80	37.90	4.25	3.65	1.90	0.00	0.00	
2	0.00	0.00	0.00	0.00	19.20	39.30	37.55	4.25	3.65	1.80	0.00	0.00	
3	0.00	0.00	0.00	0.00	11.75	50.80	30.00	4.25	3.65	1.80	0.00	0.00	
4	0.00	0.00	0.00	0.00	9.90	62.30	15.25	4.10	3.50	1.70	0.00	0.00	
5	0.00	0.00	0.00	0.00	18.60	65.60	6.93	4.10	3.50	1.60	0.00	0.00	
6	0.00	0.00	0.00	0.00	27.90	62.85	6.05	4.10	3.50	1.50	0.00	0.00	
7	0.00	0.00	0.00	0.00	32.10	57.90	5.87	5.00	3.35	1.40	0.00	0.00	
8	0.00	0.00	0.00	0.00	34.05	56.80	7.28	6.75	3.35	1.30	0.00	0.00	
9	0.00	0.00	0.00	0.00	35.10	55.15	8.50	7.98	3.20	1.10	0.00	0.00	
10	0.00	0.00	0.00	0.00	28.50	57.35	8.50	13.75	3.20	0.90	0.00	0.00	
11	0.00	0.00	0.00	0.00	21.60	75.60	8.33	21.30	3.20	0.80	0.00	0.00	
12	0.00	0.00	0.00	0.00	15.00	104.00	8.15	22.50	3.20	0.70	0.00	0.00	
13	0.00	0.00	0.00	0.00	15.00	110.00	8.15	13.75	3.20	0.60	0.00	0.00	
14	0.00	0.00	0.00	0.00	16.50	100.20	8.15	7.80	3.05	0.50	0.00	0.00	
15	0.00	0.00	0.00	0.00	22.20	88.20	8.15	7.28	3.05	0.40	0.00	0.00	
16	0.00	0.00	0.00	5.52	25.20	74.90	7.80	7.98	3.05	0.30	0.00	0.00	
17	0.00	0.00	0.00	6.22	27.90	66.15	6.93	7.63	2.90	0.20	0.00	0.00	
18	0.00	0.00	0.00	5.35	34.75	55.15	6.22	6.58	2.90	0.10	0.00	0.00	
19	0.00	0.00	0.00	4.25	42.70	57.90	5.87	5.87	2.90	0.10	0.00	0.00	
20	0.00	0.00	0.00	3.65	47.20	61.20	5.70	4.55	2.90	0.00	0.00	0.00	
21	0.00	0.00	0.00	3.35	51.25	62.85	5.35	4.40	2.75	0.00	0.00	0.00	
22	0.00	0.00	0.00	3.20	62.85	62.85	5.35	4.40	2.75	0.00	0.00	0.00	
23	0.00	0.00	0.00	3.50	74.90	65.60	5.00	4.25	2.75	0.00	0.00	0.00	
24	0.00	0.00	0.00	4.85	74.20	67.25	4.70	4.10	2.75	0.00	0.00	0.00	
25	0.00	0.00	0.00	6.22	68.90	63.95	4.55	4.10	2.60	0.00	0.00	0.00	
26	0.00	0.00	0.00	7.80	57.90	54.60	4.55	3.95	2.45	0.00	0.00	0.00	
27	0.00	0.00	0.00	8.50	40.00	42.25	4.55	3.80	2.30	0.00	0.00	0.00	
28	0.00	0.00	0.00	11.50	12.25	37.20	4.55	3.80	2.30	0.00	0.00	0.00	
29	0.00	0.00	0.00	15.25	6.05	35.45	4.40	3.80	2.15	0.00	0.00	0.00	
30	0.00	0.00	0.00	17.00	6.75	42.70	4.25	3.80	2.15	0.00	0.00	0.00	
31	0.00	0.00	0.00	18.00	11.75		4.25		2.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	124.16	970.25	1864.85	288.78	204.17	91.85	18.70	0.00	0.00	3562.76 CMSDAY
Mean	0.00	0.00	0.00	4.01	31.30	62.16	9.32	6.81	2.96	0.60	0.00	0.00	9.76 CMS
Max	0.00	0.00	0.00	18.00	74.90	110.00	37.90	22.50	3.65	1.90	0.00	0.00	110.00 CMS
Min	0.00	0.00	0.00	0.00	6.05	28.80	4.25	3.80	2.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	10.73	83.83	161.12	24.95	17.64	7.94	1.62	0.00	0.00	307.82 MCM
Momentary Peak	110.00	CMS, at 6.19 m. (A.D.) , at 18.00 Hours , on Sep 12 , 2005											
Runoff Yield	13.39	Liters/Second/Square KM. Momentary Peak Yield 150.892 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN****Khlong Ki at Ban Khlong Din Dam, Nakhon Ratchasima (M.169)**

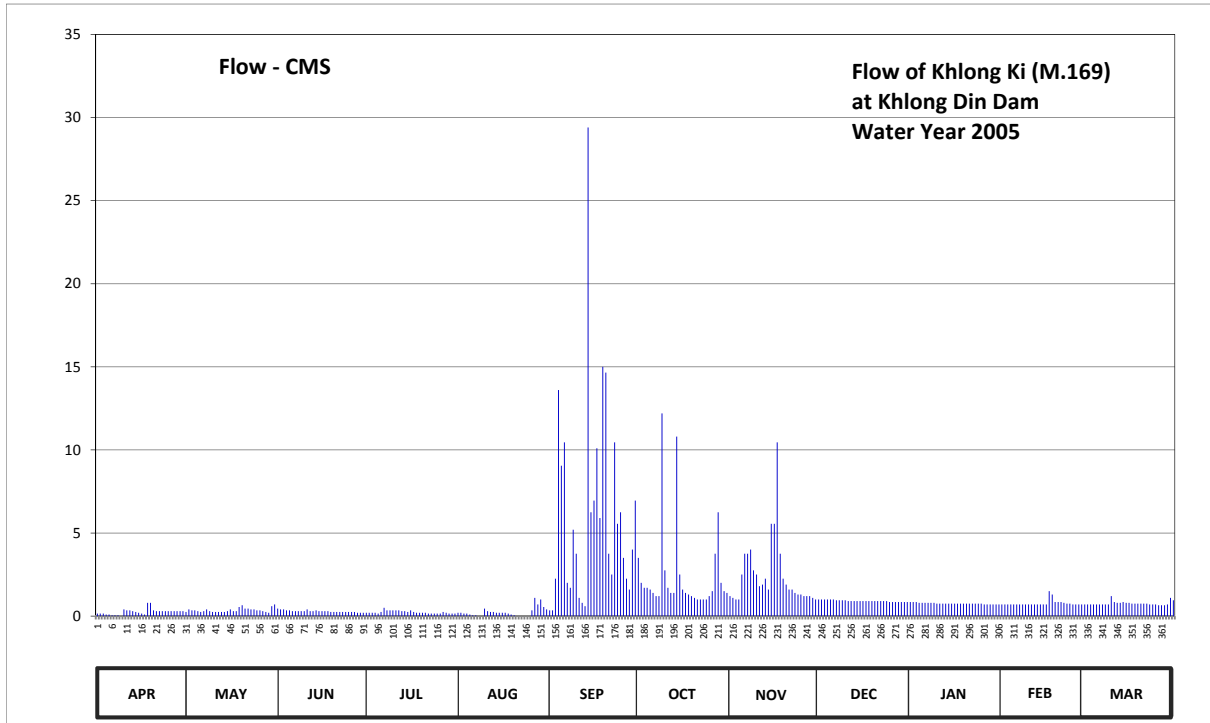
Lat 14 - 31 - 32 N Long 101 - 45 - 22 E

Location : on right bank at Ban Khlong Din Dam.

Ban	Khlong Din Dam	Amphoe	Wang Nam Khieo	Changwat	Nakhon Ratchasima
Drainage Area	134 sq.km.				
Type of Gage	Water - stage recorder.				
Zero Gage at Bottom	+.000 m. (A.D.)				
Bench Mark	B.M.-H.D.				
Location BM	On right bank near the automatic gage building.	Elevation	+5.862 m. (A.D.)		
Gage Reading Frequency	Recording.				
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings				
Period of Available Gage Records	2002 to date				
Rating Operation					
Period of Rating	2002 to date				
Rated by Flot	-				
Rated by Current Meter	2002 to date				
Stability of Channel Regimes	Fairly stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records poor. Stage-discharge relation defined by 18 discharge measurements made in 2005.				

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.03	0.05	0.09	0.04	0.04	0.07	0.36	0.22	0.20	0.17	0.14	0.14	
2	0.03	0.08	0.08	0.04	0.04	0.07	0.30	0.21	0.20	0.17	0.14	0.14	
3	0.03	0.07	0.08	0.04	0.03	0.31	0.27	0.20	0.20	0.17	0.14	0.14	
4	0.02	0.07	0.07	0.04	0.03	0.66	0.27	0.20	0.20	0.16	0.14	0.14	
5	0.02	0.06	0.07	0.03	0.02	0.53	0.26	0.32	0.20	0.16	0.14	0.14	
6	0.01	0.05	0.06	0.05	0.01	0.57	0.24	0.37	0.20	0.16	0.14	0.14	
7	0.01	0.06	0.06	0.10	0.01	0.30	0.22	0.37	0.19	0.16	0.14	0.14	
8	0.01	0.08	0.06	0.07	-0.02	0.27	0.22	0.38	0.19	0.16	0.14	0.14	
9	0.00	0.06	0.06	0.07	0.00	0.42	0.62	0.33	0.19	0.16	0.14	0.14	
10	0.08	0.05	0.06	0.07	0.09	0.37	0.33	0.32	0.19	0.15	0.14	0.22	
11	0.07	0.05	0.08	0.07	0.06	0.21	0.27	0.28	0.18	0.15	0.14	0.17	
12	0.07	0.05	0.06	0.07	0.05	0.16	0.24	0.29	0.18	0.15	0.14	0.16	
13	0.06	0.05	0.06	0.06	0.05	0.12	0.24	0.31	0.18	0.15	0.14	0.16	
14	0.05	0.05	0.07	0.06	0.04	1.06	0.58	0.26	0.18	0.15	0.14	0.17	
15	0.04	0.06	0.06	0.05	0.04	0.45	0.32	0.43	0.18	0.15	0.14	0.16	
16	0.03	0.08	0.06	0.07	0.04	0.47	0.26	0.43	0.18	0.15	0.14	0.16	
17	0.02	0.06	0.06	0.05	0.04	0.56	0.24	0.57	0.18	0.15	0.25	0.15	
18	0.16	0.06	0.06	0.04	0.03	0.44	0.23	0.37	0.18	0.15	0.23	0.15	
19	0.16	0.11	0.05	0.04	0.02	0.70	0.22	0.31	0.18	0.15	0.17	0.15	
20	0.07	0.13	0.05	0.04	0.01	0.69	0.21	0.29	0.18	0.15	0.17	0.15	
21	0.06	0.09	0.05	0.04	-0.01	0.37	0.20	0.26	0.18	0.15	0.17	0.15	
22	0.06	0.09	0.05	0.03	-0.01	0.32	0.20	0.26	0.18	0.15	0.16	0.15	
23	0.06	0.08	0.05	0.03	-0.01	0.57	0.20	0.24	0.18	0.15	0.15	0.14	
24	0.06	0.08	0.05	0.03	-0.01	0.43	0.20	0.23	0.18	0.15	0.15	0.14	
25	0.06	0.07	0.05	0.03	-0.02	0.45	0.22	0.23	0.17	0.15	0.14	0.14	
26	0.06	0.07	0.05	0.03	0.07	0.36	0.25	0.22	0.17	0.14	0.14	0.13	
27	0.06	0.06	0.05	0.05	0.21	0.31	0.37	0.22	0.17	0.14	0.14	0.13	
28	0.06	0.05	0.04	0.04	0.14	0.26	0.45	0.22	0.17	0.14	0.14	0.13	
29	0.06	0.04	0.04	0.03	0.20	0.38	0.30	0.21	0.17	0.14		0.14	
30	0.06	0.12	0.04	0.03	0.11	0.47	0.25	0.20	0.17	0.14		0.21	
31		0.14		0.03	0.08		0.24		0.17	0.14		0.19	
Mean	0.05	0.07	0.06	0.05	0.04	0.41	0.28	0.29	0.18	0.15	0.15	0.15	
Max	0.16	0.14	0.09	0.10	0.21	1.06	0.62	0.57	0.20	0.17	0.25	0.22	1.06
Min	0.00	0.04	0.04	0.03	-0.02	0.07	0.20	0.20	0.17	0.14	0.14	0.13	-0.02
Annual Max Momentary Gage Height	1.85												at 15.00 Hours, on Sep 14, 2005
Zero Gage at Bottom Elevation	0.00						River Bed	-0.02					m. (A.D.)
Left Bank Elevation		3.95											m. (A.D.)
Right Bank Elevation		6.24					Drainage Are	134					Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.15	0.25	0.45	0.20	0.20	0.35	3.50	1.20	1.00	0.85	0.70	0.70	
2	0.15	0.40	0.40	0.20	0.20	0.35	2.00	1.10	1.00	0.85	0.70	0.70	
3	0.15	0.35	0.40	0.20	0.15	2.25	1.70	1.00	1.00	0.85	0.70	0.70	
4	0.10	0.35	0.35	0.20	0.15	13.60	1.70	1.00	1.00	0.80	0.70	0.70	
5	0.10	0.30	0.35	0.15	0.10	9.05	1.60	2.50	1.00	0.80	0.70	0.70	
6	0.05	0.25	0.30	0.25	0.05	10.45	1.40	3.75	1.00	0.80	0.70	0.70	
7	0.05	0.30	0.30	0.50	0.05	2.00	1.20	3.75	0.95	0.80	0.70	0.70	
8	0.05	0.40	0.30	0.35	0.00	1.70	1.20	4.00	0.95	0.80	0.70	0.70	
9	0.00	0.30	0.30	0.35	0.00	5.20	12.20	2.75	0.95	0.80	0.70	0.70	
10	0.40	0.25	0.30	0.35	0.45	3.75	2.75	2.50	0.95	0.75	0.70	1.20	
11	0.35	0.25	0.40	0.35	0.30	1.10	1.70	1.80	0.90	0.75	0.70	0.85	
12	0.35	0.25	0.30	0.35	0.25	0.80	1.40	1.90	0.90	0.75	0.70	0.80	
13	0.30	0.25	0.30	0.30	0.25	0.60	1.40	2.25	0.90	0.75	0.70	0.80	
14	0.25	0.25	0.35	0.30	0.20	29.40	10.80	1.60	0.90	0.75	0.70	0.85	
15	0.20	0.30	0.30	0.25	0.20	6.25	2.50	5.55	0.90	0.75	0.70	0.80	
16	0.15	0.40	0.30	0.35	0.20	6.95	1.60	5.55	0.90	0.75	0.70	0.80	
17	0.10	0.30	0.30	0.25	0.20	10.10	1.40	10.45	0.90	0.75	1.50	0.75	
18	0.80	0.30	0.30	0.20	0.15	5.90	1.30	3.75	0.90	0.75	1.30	0.75	
19	0.80	0.55	0.25	0.20	0.10	15.00	1.20	2.25	0.90	0.75	0.85	0.75	
20	0.35	0.65	0.25	0.20	0.05	14.65	1.10	1.90	0.90	0.75	0.85	0.75	
21	0.30	0.45	0.25	0.20	0.00	3.75	1.00	1.60	0.90	0.75	0.85	0.75	
22	0.30	0.45	0.25	0.15	0.00	2.50	1.00	1.60	0.90	0.75	0.80	0.75	
23	0.30	0.40	0.25	0.15	0.00	10.45	1.00	1.40	0.90	0.75	0.75	0.70	
24	0.30	0.40	0.25	0.15	0.00	5.55	1.00	1.30	0.90	0.75	0.75	0.70	
25	0.30	0.35	0.25	0.15	0.00	6.25	1.20	1.30	0.85	0.75	0.70	0.70	
26	0.30	0.35	0.25	0.15	0.35	3.50	1.50	1.20	0.85	0.70	0.70	0.65	
27	0.30	0.30	0.25	0.25	1.10	2.25	3.75	1.20	0.85	0.70	0.70	0.65	
28	0.30	0.25	0.20	0.20	0.70	1.60	6.25	1.20	0.85	0.70	0.70	0.65	
29	0.30	0.20	0.20	0.15	1.00	4.00	2.00	1.10	0.85	0.70		0.70	
30	0.30	0.60	0.20	0.15	0.55	6.95	1.50	1.00	0.85	0.70		1.10	
31		0.70		0.15	0.40		1.40		0.85	0.70		0.95	
Total	7.85	11.10	8.85	7.35	7.35	186.25	75.25	73.45	28.35	23.55	21.65	23.70	474.70 CMSDAY
Mean	0.26	0.36	0.30	0.24	0.24	6.21	2.43	2.45	0.91	0.76	0.77	0.76	1.30 CMS
Max	0.80	0.70	0.45	0.50	1.10	29.40	12.20	10.45	1.00	0.85	1.50	1.20	29.40 CMS
Min	0.00	0.20	0.20	0.15	0.00	0.35	1.00	1.00	0.85	0.70	0.70	0.65	0.00 CMS
Runoff	0.68	0.96	0.77	0.64	0.64	16.09	6.50	6.35	2.45	2.04	1.87	2.05	41.01 MCM
Momentary Peak	63.25	CMS, at 1.85 m. (A.D.), at 15.00 Hours, on Sep 14, 2005											
Runoff Yield	9.71	Liters/Second/Square KM.		Momentary Peak Yield		472.015	Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Lam Dom Yai at Ban Kham Samran, Ubon Ratehathani (M.170)

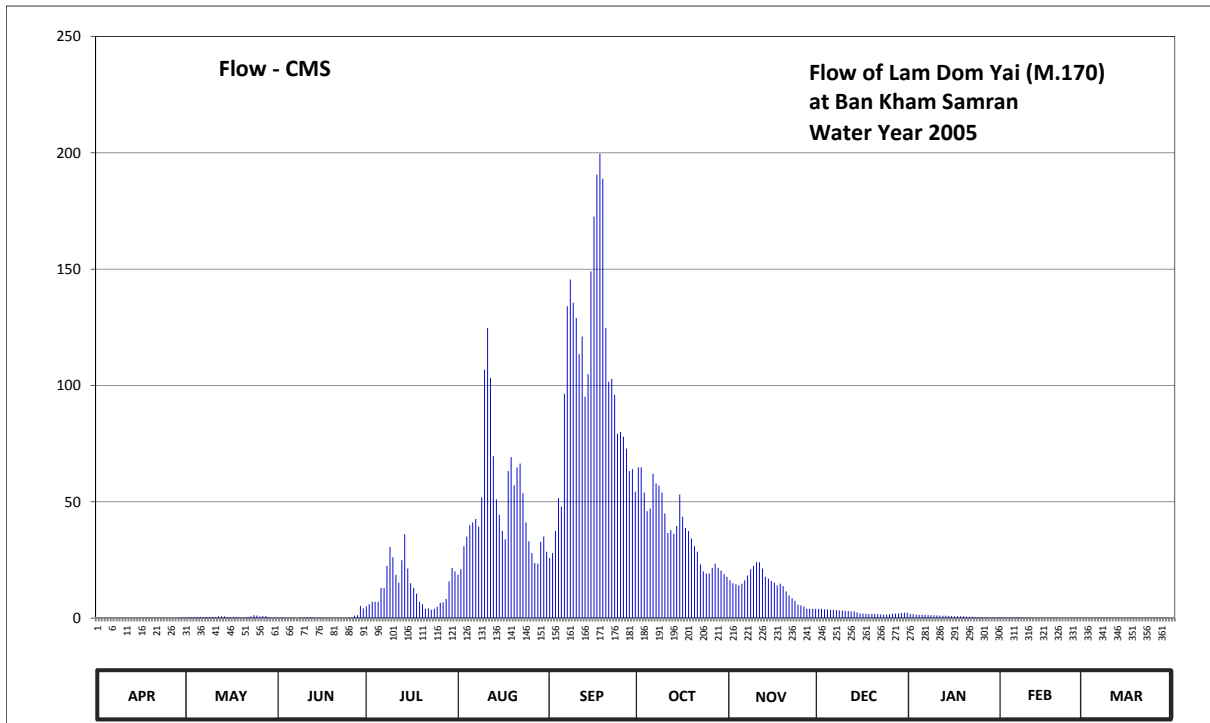
Lat 14 - 47 - 19 N Long 105 - 06 - 10 E

Location : on right bank at the bridge

	Ban Kham Samran	Amphoe Det Udom	Changwat Ubon Ratchathani
Drainage Area	1,745 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream at the footpath	Elevation	+10.030 m. (A.D.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.35	0.48	0.43	1.05	1.62	1.86	3.12	1.53	1.00	0.75	0.46	0.40	
2	0.35	0.48	0.44	1.10	1.70	1.93	3.12	1.48	1.00	0.73	0.45	0.40	
3	0.35	0.49	0.44	1.15	2.03	2.25	2.80	1.46	0.98	0.70	0.45	0.40	
4	0.35	0.50	0.42	1.15	2.17	2.72	2.53	1.44	0.97	0.69	0.45	0.39	
5	0.35	0.50	0.42	1.15	2.33	2.60	2.57	1.47	0.96	0.68	0.45	0.38	
6	0.34	0.50	0.40	1.40	2.37	3.91	3.05	1.53	0.95	0.67	0.45	0.37	
7	0.34	0.50	0.39	1.40	2.42	4.76	2.93	1.61	0.94	0.66	0.45	0.37	
8	0.34	0.50	0.40	1.75	2.31	4.99	2.90	1.70	0.93	0.65	0.44	0.37	
9	0.34	0.50	0.45	2.02	2.73	4.79	2.80	1.75	0.92	0.64	0.44	0.36	
10	0.33	0.50	0.45	1.87	4.17	4.66	2.50	1.80	0.91	0.63	0.43	0.36	
11	0.33	0.50	0.48	1.62	4.57	4.32	2.22	1.80	0.90	0.62	0.42	0.36	
12	0.33	0.55	0.48	1.49	4.08	4.49	2.26	1.71	0.89	0.61	0.41	0.36	
13	0.33	0.55	0.45	1.83	3.24	3.88	2.21	1.59	0.88	0.60	0.40	0.36	
14	0.33	0.55	0.43	2.20	2.70	4.12	2.32	1.56	0.85	0.59	0.40	0.36	
15	0.33	0.50	0.43	1.71	2.48	5.06	2.77	1.52	0.80	0.58	0.40	0.36	
16	0.33	0.50	0.43	1.48	2.25	5.51	2.45	1.49	0.78	0.57	0.40	0.33	
17	0.34	0.49	0.42	1.40	2.13	5.81	2.29	1.44	0.77	0.56	0.40	0.33	
18	0.34	0.49	0.41	1.30	3.08	5.96	2.25	1.47	0.76	0.55	0.40	0.34	
19	0.34	0.47	0.36	1.15	3.23	5.78	2.14	1.43	0.75	0.55	0.40	0.34	
20	0.34	0.45	0.37	1.10	2.90	4.57	2.03	1.34	0.74	0.52	0.40	0.34	
21	0.34	0.45	0.38	1.00	3.12	4.04	1.95	1.27	0.73	0.51	0.40	0.34	
22	0.34	0.50	0.39	1.01	3.16	4.07	1.77	1.22	0.71	0.51	0.40	0.34	
23	0.34	0.55	0.40	0.96	2.79	3.90	1.67	1.17	0.70	0.50	0.40	0.34	
24	0.34	0.65	0.43	1.00	2.37	3.48	1.64	1.09	0.70	0.49	0.40	0.34	
25	0.34	0.62	0.44	1.04	2.10	3.50	1.64	1.07	0.73	0.48	0.40	0.34	
26	0.34	0.55	0.45	1.13	1.93	3.45	1.72	1.05	0.78	0.47	0.40	0.34	
27	0.35	0.58	0.60	1.14	1.79	3.32	1.78	1.00	0.79	0.46	0.40	0.35	
28	0.40	0.58	0.65	1.21	1.78	3.08	1.72	1.00	0.80	0.45	0.40	0.35	
29	0.45	0.48	1.06	1.51	2.09	3.10	1.68	1.00	0.82	0.44		0.35	
30	0.46	0.45	1.01	1.72	2.17	2.81	1.63	1.00	0.83	0.44		0.35	
31		0.45		1.67	1.95		1.59		0.83	0.47		0.35	
Mean	0.35	0.51	0.48	1.38	2.57	3.96	2.26	1.40	0.84	0.57	0.42	0.36	
Max	0.46	0.65	1.06	2.20	4.57	5.96	3.12	1.80	1.00	0.75	0.46	0.40	5.96
Min	0.33	0.45	0.36	0.96	1.62	1.86	1.59	1.00	0.70	0.44	0.40	0.33	0.33
Annual Max Momentary Gage Height	5.98												at 18.00 Hours, on Sep 18, 2005
Zero Gage at Bottom Elevation	0.00												River Bed -0.13 m. (A.D.) ,
Left Bank Elevation		6.21											m. (A.D.) ,
Right Bank Elevation		6.49											m. (A.D.) ,
						Drainage Are	1,745						Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.40	0.15	5.00	18.60	25.80	64.80	16.25	4.00	1.75	0.30	0.00	
2	0.00	0.40	0.20	6.00	21.00	27.90	64.80	15.00	4.00	1.65	0.25	0.00	
3	0.00	0.45	0.20	7.00	30.90	37.50	54.00	14.50	3.80	1.50	0.25	0.00	
4	0.00	0.50	0.10	7.00	35.10	51.60	45.90	14.00	3.70	1.45	0.25	0.00	
5	0.00	0.50	0.10	7.00	39.90	48.00	47.10	14.75	3.60	1.40	0.25	0.00	
6	0.00	0.50	0.00	13.00	41.10	96.40	62.00	16.25	3.50	1.35	0.25	0.00	
7	0.00	0.50	0.00	13.00	42.60	134.00	57.90	18.30	3.40	1.30	0.25	0.00	
8	0.00	0.50	0.00	22.50	39.30	145.50	57.00	21.00	3.30	1.25	0.20	0.00	
9	0.00	0.50	0.25	30.60	51.90	135.50	54.00	22.50	3.20	1.20	0.20	0.00	
10	0.00	0.50	0.25	26.10	106.80	129.00	45.00	24.00	3.10	1.15	0.15	0.00	
11	0.00	0.50	0.40	18.60	124.65	113.40	36.60	24.00	3.00	1.10	0.10	0.00	
12	0.00	0.75	0.40	15.25	103.20	121.05	37.80	21.30	2.90	1.05	0.05	0.00	
13	0.00	0.75	0.25	24.90	69.60	95.20	36.30	17.75	2.80	1.00	0.00	0.00	
14	0.00	0.75	0.15	36.00	51.00	104.80	39.60	17.00	2.50	0.95	0.00	0.00	
15	0.00	0.50	0.15	21.30	44.40	149.00	53.10	16.00	2.00	0.90	0.00	0.00	
16	0.00	0.50	0.15	15.00	37.50	172.60	43.50	15.25	1.90	0.85	0.00	0.00	
17	0.00	0.45	0.10	13.00	33.90	190.60	38.70	14.00	1.85	0.80	0.00	0.00	
18	0.00	0.45	0.05	10.50	63.20	199.60	37.50	14.75	1.80	0.75	0.00	0.00	
19	0.00	0.35	0.00	7.00	69.20	188.80	34.20	13.75	1.75	0.75	0.00	0.00	
20	0.00	0.25	0.00	6.00	57.00	124.65	30.90	11.50	1.70	0.60	0.00	0.00	
21	0.00	0.25	0.00	4.00	64.80	101.60	28.50	9.75	1.65	0.55	0.00	0.00	
22	0.00	0.50	0.00	4.20	66.40	102.80	23.10	8.50	1.55	0.55	0.00	0.00	
23	0.00	0.75	0.00	3.60	53.70	96.00	20.10	7.40	1.50	0.50	0.00	0.00	
24	0.00	1.25	0.15	4.00	41.10	79.20	19.20	5.80	1.50	0.45	0.00	0.00	
25	0.00	1.10	0.20	4.80	33.00	80.00	19.20	5.40	1.65	0.40	0.00	0.00	
26	0.00	0.75	0.25	6.60	27.90	78.00	21.60	5.00	1.90	0.35	0.00	0.00	
27	0.00	0.90	1.00	6.80	23.70	72.80	23.40	4.00	1.95	0.30	0.00	0.00	
28	0.00	0.90	1.25	8.25	23.40	63.20	21.60	4.00	2.00	0.25	0.00	0.00	
29	0.25	0.40	5.20	15.75	32.70	64.00	20.40	4.00	2.20	0.20	0.00	0.00	
30	0.30	0.25	4.20	21.60	35.10	54.30	18.90	4.00	2.30	0.20	0.00	0.00	
31		0.25		20.10	28.50		17.75		2.30	0.35		0.00	
Total	0.55	17.30	15.15	404.45	1511.15	3082.80	1174.45	399.70	78.30	26.85	2.50	0.00	6713.20 CMSDAY
Mean	0.02	0.56	0.50	13.05	48.75	102.76	37.89	13.32	2.53	0.87	0.09	0.00	18.39 CMS
Max	0.30	1.25	5.20	36.00	124.65	199.60	64.80	24.00	4.00	1.75	0.30	0.00	199.60 CMS
Min	0.00	0.25	0.00	3.60	18.60	25.80	17.75	4.00	1.50	0.20	0.00	0.00	0.00 CMS
Runoff	0.05	1.50	1.31	34.94	130.56	266.35	101.47	34.53	6.77	2.32	0.22	0.00	580.02 MCM
Momentary Peak	200.80	CMS, at 5.98 m. (A.D.), at 18.00 Hours, on Sep 18, 2005											
Runoff Yield	10.54	Liters/Second/Square KM.		Momentary Peak Yield		115.072	Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Lam Phra Phloeng at Ban Non Sao - E, Nakhon Ratchasima (M.171)

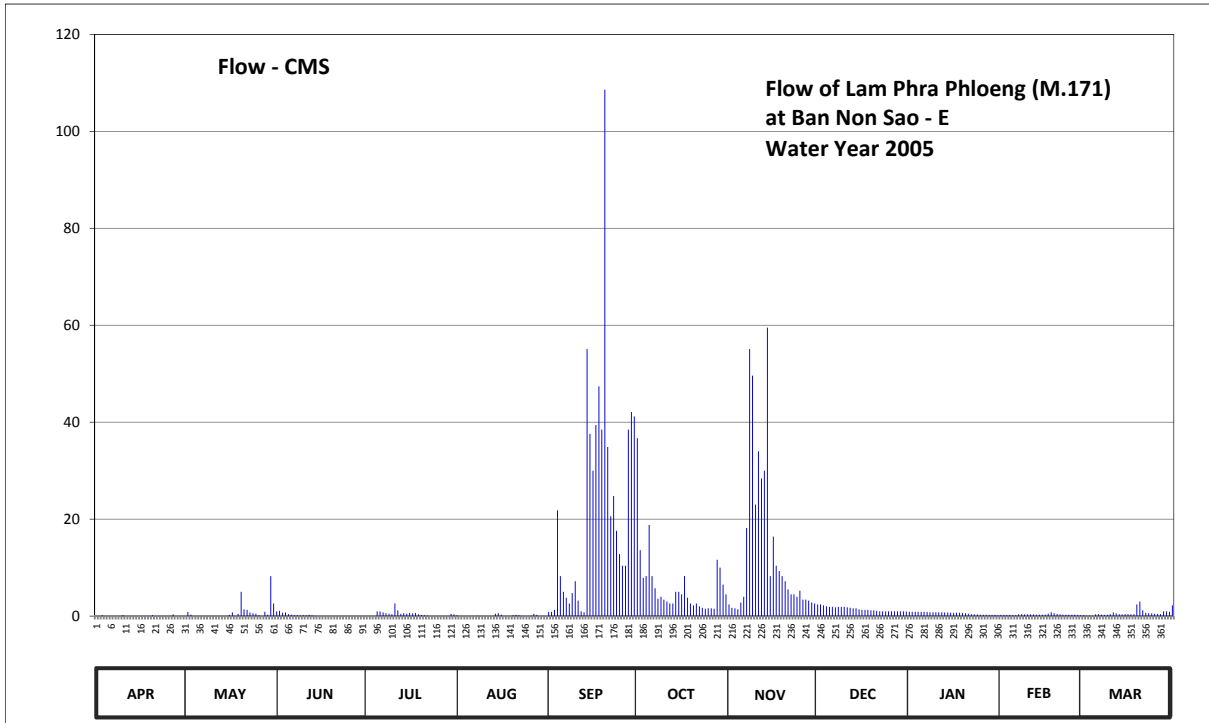
Lat 14 - 29 - 58 N Long 101 - 46 - 22 E

Location : on right bank at Ban Non Sao - E.

	Ban	Non Sao - E	Amphoe	Wang Nam Khieo	Changwat	Nakhon Ratchasima
Drainage Area	148	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000	m. (A.D.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank downstream at the footpath				Elevation	+7.526 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	2002 to date					
Rating Operation						
Period of Rating	2002 to date					
Rated by Flot	-					
Rated by Current Meter	2002 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.14	0.12	0.39	0.16	0.23	0.37	1.23	0.52	0.52	0.38	0.25	0.24	
2	0.12	0.37	0.41	0.15	0.19	0.38	0.89	0.47	0.52	0.38	0.25	0.22	
3	0.23	0.26	0.34	0.17	0.16	0.43	0.74	0.46	0.51	0.38	0.25	0.22	
4	0.18	0.13	0.35	0.16	0.13	1.03	0.75	0.44	0.50	0.38	0.25	0.21	
5	0.13	0.04	0.28	0.40	0.12	0.75	0.98	0.54	0.49	0.38	0.24	0.27	
6	0.14	0.02	0.26	0.39	0.11	0.64	0.75	0.60	0.49	0.38	0.24	0.28	
7	0.12	0.06	0.24	0.35	0.16	0.59	0.67	0.97	0.48	0.37	0.27	0.26	
8	0.11	0.04	0.24	0.32	0.21	0.53	0.58	1.41	0.49	0.36	0.28	0.25	
9	0.16	0.02	0.23	0.30	0.18	0.63	0.60	1.36	0.49	0.36	0.27	0.26	
10	0.24	-0.02	0.24	0.28	0.14	0.72	0.57	1.05	0.49	0.36	0.27	0.28	
11	0.15	-0.03	0.23	0.53	0.10	0.56	0.55	1.20	0.48	0.36	0.27	0.35	
12	0.13	-0.03	0.25	0.42	0.08	0.40	0.53	1.13	0.47	0.36	0.27	0.31	
13	0.10	-0.03	0.23	0.29	0.19	0.36	0.53	1.15	0.46	0.35	0.26	0.28	
14	0.08	-0.03	0.21	0.32	0.30	1.41	0.64	1.45	0.46	0.35	0.26	0.27	
15	0.07	0.09	0.20	0.30	0.32	1.24	0.64	0.75	0.44	0.34	0.26	0.28	
16	0.09	0.25	0.19	0.33	0.26	1.15	0.62	0.94	0.43	0.34	0.26	0.28	
17	0.04	0.35	0.19	0.31	0.20	1.26	0.75	0.81	0.43	0.34	0.30	0.27	
18	0.04	0.21	0.19	0.33	0.20	1.34	0.59	0.78	0.43	0.34	0.36	0.28	
19	0.20	0.29	0.18	0.28	0.20	1.25	0.53	0.75	0.42	0.33	0.32	0.52	
20	0.24	0.64	0.18	0.25	0.24	1.77	0.51	0.72	0.42	0.32	0.29	0.55	
21	0.11	0.44	0.17	0.23	0.25	1.21	0.53	0.66	0.41	0.30	0.27	0.42	
22	0.09	0.43	0.17	0.22	0.23	1.01	0.50	0.62	0.40	0.28	0.26	0.34	
23	0.08	0.35	0.17	0.20	0.21	1.08	0.47	0.62	0.40	0.27	0.26	0.32	
24	0.08	0.32	0.16	0.19	0.18	0.96	0.45	0.60	0.40	0.27	0.26	0.31	
25	0.06	0.30	0.16	0.17	0.19	0.87	0.46	0.65	0.40	0.26	0.26	0.30	
26	0.05	0.24	0.16	0.17	0.21	0.81	0.46	0.57	0.40	0.26	0.26	0.29	
27	0.27	0.19	0.16	0.15	0.29	0.81	0.45	0.57	0.40	0.26	0.25	0.28	
28	0.16	0.38	0.15	0.13	0.25	1.25	0.84	0.56	0.40	0.25	0.24	0.40	
29	0.11	0.26	0.15	0.19	0.18	1.29	0.80	0.54	0.40	0.25		0.40	
30	0.10	0.75	0.15	0.29	0.17	1.28	0.70	0.53	0.40	0.25		0.38	
31		0.53		0.27	0.19		0.62		0.39	0.24		0.51	
Mean	0.13	0.22	0.22	0.27	0.20	0.91	0.64	0.78	0.45	0.32	0.27	0.32	
Max	0.27	0.75	0.41	0.53	0.32	1.77	1.23	1.45	0.52	0.38	0.36	0.55	1.77
Min	0.04	-0.03	0.15	0.13	0.08	0.36	0.45	0.44	0.39	0.24	0.24	0.21	-0.03
Annual Max Momentary Gage Height	2.12		m. (A.D.) ,				at 12.00 Hours, on Sep 28, 2005						
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	-0.23	m. (A.D.) ,					
Left Bank Elevation	5.64		m. (A.D.) ,										
Right Bank Elevation	4.89		m. (A.D.) ,			Drainage Are	148	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.95	0.00	0.15	0.85	36.70	2.40	2.40	0.90	0.25	0.20	
2	0.00	0.85	1.10	0.00	0.00	0.90	13.60	1.70	2.40	0.90	0.25	0.10	
3	0.15	0.30	0.70	0.00	0.00	1.30	7.90	1.60	2.20	0.90	0.25	0.10	
4	0.00	0.00	0.75	0.00	0.00	21.80	8.25	1.40	2.00	0.90	0.25	0.05	
5	0.00	0.00	0.40	1.00	0.00	8.25	18.80	2.80	1.90	0.90	0.20	0.35	
6	0.00	0.00	0.30	0.95	0.00	5.00	8.25	4.00	1.90	0.90	0.20	0.40	
7	0.00	0.00	0.20	0.75	0.00	3.80	5.75	18.20	1.80	0.85	0.35	0.30	
8	0.00	0.00	0.20	0.60	0.05	2.60	3.60	55.10	1.90	0.80	0.40	0.25	
9	0.00	0.00	0.15	0.50	0.00	4.75	4.00	49.60	1.90	0.80	0.35	0.30	
10	0.20	0.00	0.20	0.40	0.00	7.20	3.40	23.00	1.90	0.80	0.35	0.40	
11	0.00	0.00	0.15	2.60	0.00	3.20	3.00	34.00	1.80	0.80	0.35	0.75	
12	0.00	0.00	0.25	1.20	0.00	1.00	2.60	28.40	1.70	0.80	0.35	0.55	
13	0.00	0.00	0.15	0.45	0.00	0.80	2.60	30.00	1.60	0.75	0.30	0.40	
14	0.00	0.00	0.05	0.60	0.50	55.10	5.00	59.50	1.60	0.75	0.30	0.35	
15	0.00	0.00	0.00	0.50	0.60	37.60	5.00	8.25	1.40	0.70	0.30	0.40	
16	0.00	0.25	0.00	0.65	0.30	30.00	4.50	16.40	1.30	0.70	0.30	0.40	
17	0.00	0.75	0.00	0.55	0.00	39.40	8.25	10.40	1.30	0.70	0.50	0.35	
18	0.00	0.05	0.00	0.65	0.00	47.40	3.80	9.30	1.30	0.70	0.80	0.40	
19	0.00	0.45	0.00	0.40	0.00	38.50	2.60	8.25	1.20	0.65	0.60	2.40	
20	0.20	5.00	0.00	0.25	0.20	108.60	2.20	7.20	1.20	0.60	0.45	3.00	
21	0.00	1.40	0.00	0.15	0.25	34.90	2.60	5.50	1.10	0.50	0.35	1.20	
22	0.00	1.30	0.00	0.10	0.15	20.60	2.00	4.50	1.00	0.40	0.30	0.70	
23	0.00	0.75	0.00	0.00	0.05	24.80	1.70	4.50	1.00	0.35	0.30	0.60	
24	0.00	0.60	0.00	0.00	0.00	17.60	1.50	4.00	1.00	0.35	0.30	0.55	
25	0.00	0.50	0.00	0.00	0.00	12.80	1.60	5.25	1.00	0.30	0.30	0.50	
26	0.00	0.20	0.00	0.00	0.05	10.40	1.60	3.40	1.00	0.30	0.30	0.45	
27	0.35	0.00	0.00	0.00	0.45	10.40	1.50	3.40	1.00	0.30	0.25	0.40	
28	0.00	0.90	0.00	0.00	0.25	38.50	11.60	3.20	1.00	0.25	0.20	1.00	
29	0.00	0.30	0.00	0.00	0.00	42.10	10.00	2.80	1.00	0.25		1.00	
30	0.00	8.25	0.00	0.45	0.00	41.20	6.50	2.60	1.00	0.25		0.90	
31		2.60		0.35	0.00		4.50		0.95	0.20		2.20	
Total	0.90	24.45	5.55	13.10	3.00	671.35	194.90	410.65	45.75	19.25	9.40	20.95	1419.25 CMSDAY
Mean	0.03	0.79	0.19	0.42	0.10	22.38	6.29	13.69	1.48	0.62	0.34	0.68	3.89 CMS
Max	0.35	8.25	1.10	2.60	0.60	108.60	36.70	59.50	2.40	0.90	0.80	3.00	108.60 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.80	1.50	1.40	0.95	0.20	0.20	0.05	0.00 CMS
Runoff	0.08	2.11	0.48	1.13	0.26	58.01	16.84	35.48	3.95	1.66	0.81	1.81	122.62 MCM
Momentary Peak	183.20 CMS, at 2.12 m. (A.D.), at 12.00 Hours, on Sep 28, 2005												
Runoff Yield	26.27 Liters/Second/Square KM. Momentary Peak Yield 1237.838 Liters/Second/Square KM.												

WATER YEAR : 2005

MUN RIVER BASIN

Khlong Phai at Ban Non Sao - E, Nakhon Ratchasima (M.172)

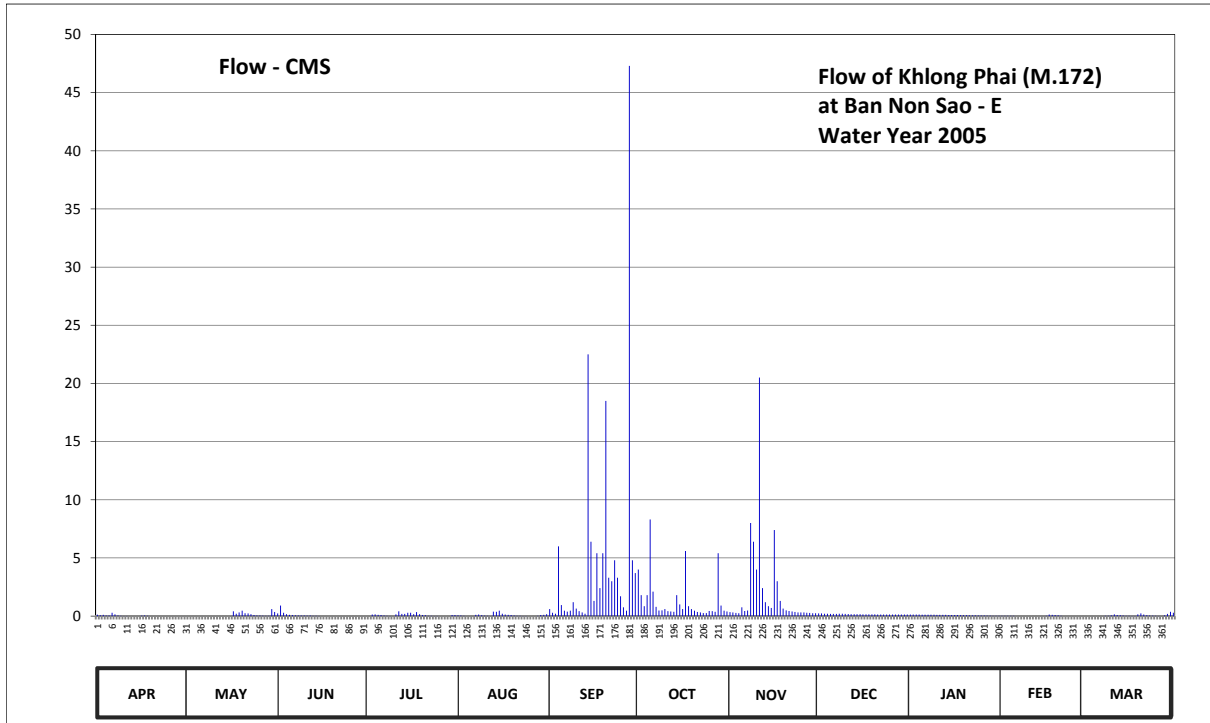
Lat 14 - 29 - 14 N Long 101 - 46 - 57 E

Location : on right bank at the bridge.

	Ban	Non Sao - E	Amphoe	Wang Nam Khieo	Changwat	Nakhon Ratchasima	
Drainage Area	143	sq.km.					
Type of Gage	Staff gage.						
Zero Gage at Bottom	+0.000	m. (A.D.)					
Bench Mark	B.M.-H.D.						
Location BM	On right bank downstream side at the footpath of the bridge.					Elevation	+5.872 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.						
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings						
Period of Available Gage Records	2003 to date						
Rating Operation							
Period of Rating	2003 to date						
Rated by Flot	-						
Rated by Current Meter	2003 to date						
Stability of Channel Regimes	Stable.						
Overbank Flow Conditions	No overbank flow.						
General Description	Records good. Stage-discharge relation defined by 22 discharge measurements made in 2005.						

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.12	-0.06	0.22	-0.07	0.07	0.42	0.80	0.29	0.22	0.13	0.03	-0.03	
2	0.08	-0.04	0.48	-0.07	0.05	0.26	0.58	0.27	0.22	0.13	0.03	-0.03	
3	0.11	-0.05	0.26	0.13	0.03	0.21	0.47	0.25	0.21	0.13	0.03	-0.03	
4	0.05	-0.05	0.16	0.15	-0.01	0.90	0.58	0.23	0.20	0.13	0.02	-0.03	
5	0.06	-0.06	0.11	0.11	-0.04	0.49	1.01	0.45	0.19	0.12	0.02	-0.03	
6	0.26	-0.06	0.09	0.09	-0.05	0.38	0.61	0.36	0.19	0.12	-0.01	-0.03	
7	0.15	-0.06	0.07	0.06	0.11	0.32	0.46	0.39	0.19	0.12	-0.02	-0.04	
8	0.05	-0.06	0.06	0.03	0.14	0.38	0.39	1.00	0.20	0.12	-0.02	0.03	
9	0.03	-0.06	0.05	0.01	0.08	0.52	0.40	0.92	0.20	0.12	-0.03	0.02	
10	0.01	-0.06	0.05	-0.02	0.04	0.43	0.42	0.80	0.19	0.11	-0.03	0.07	
11	0.01	-0.06	0.04	0.15	0.03	0.35	0.35	1.35	0.18	0.11	-0.03	0.15	
12	-0.03	-0.06	0.05	0.34	-0.03	0.27	0.33	0.64	0.17	0.11	-0.03	0.10	
13	-0.03	-0.06	0.03	0.19	0.32	0.21	0.31	0.52	0.16	0.11	-0.03	0.08	
14	-0.04	-0.06	0.02	0.19	0.31	1.39	0.58	0.47	0.16	0.10	-0.04	0.05	
15	-0.04	-0.06	0.01	0.26	0.38	0.92	0.50	0.44	0.16	0.10	-0.04	0.02	
16	0.04	-0.06	-0.02	0.26	0.21	0.53	0.42	0.97	0.15	0.09	0.02	0.02	
17	0.05	0.34	-0.03	0.17	0.14	0.87	0.88	0.70	0.15	0.09	0.14	0.01	
18	0.02	0.20	-0.04	0.29	0.11	0.64	0.47	0.53	0.15	0.08	0.11	0.01	
19	-0.01	0.27	-0.04	0.16	0.10	0.87	0.42	0.43	0.15	0.08	0.10	0.15	
20	-0.04	0.37	-0.05	0.09	0.06	1.31	0.37	0.40	0.15	0.08	0.07	0.22	
21	-0.04	0.23	-0.05	0.08	0.03	0.73	0.30	0.36	0.14	0.07	0.03	0.13	
22	-0.05	0.22	-0.05	0.03	0.03	0.70	0.28	0.33	0.14	0.07	-0.01	0.08	
23	-0.05	0.16	-0.05	0.02	0.01	0.84	0.24	0.30	0.14	0.07	-0.02	0.06	
24	-0.05	0.09	-0.05	0.01	0.01	0.73	0.24	0.28	0.14	0.06	-0.02	0.04	
25	-0.05	0.05	-0.06	0.01	-0.02	0.57	0.36	0.28	0.14	0.05	-0.02	0.02	
26	-0.05	0.05	-0.06	-0.02	-0.02	0.45	0.35	0.27	0.14	0.05	-0.03	0.01	
27	-0.06	0.04	-0.06	-0.03	-0.03	0.37	0.31	0.26	0.13	0.04	-0.03	-0.02	
28	-0.06	0.03	-0.06	-0.04	0.02	1.79	0.87	0.25	0.13	0.04	-0.03	0.07	
29	-0.06	0.02	-0.06	-0.04	0.09	0.84	0.48	0.23	0.13	0.03		0.19	
30	-0.06	0.42	-0.07	0.10	0.11	0.77	0.38	0.23	0.13	0.03		0.31	
31		0.30		0.09	0.17		0.33		0.13	0.03		0.26	
Mean	0.01	0.06	0.03	0.09	0.08	0.65	0.47	0.47	0.16	0.09	0.01	0.06	
Max	0.26	0.42	0.48	0.34	0.38	1.79	1.01	1.35	0.22	0.13	0.14	0.31	1.79
Min	-0.06	-0.06	-0.07	-0.07	-0.05	0.21	0.24	0.23	0.13	0.03	-0.04	-0.04	-0.07
Annual Max Momentary Gage Height	3.40	m. (A.D.) , at 12.00 Hours, on Sep 28, 2005											
Zero Gage at Bottom Elevation	0.00	m. (A.D.) , River Bed -0.12 m. (A.D.) ,											
Left Bank Elevation	7.68	m. (A.D.) ,											
Right Bank Elevation	5.09	m. (A.D.) , Drainage Are 143 Square Kilometers											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.12	0.00	0.23	0.00	0.07	0.60	4.00	0.34	0.23	0.13	0.03	0.00	
2	0.08	0.00	0.90	0.00	0.05	0.29	1.80	0.31	0.23	0.13	0.03	0.00	
3	0.11	0.00	0.29	0.13	0.03	0.21	0.85	0.28	0.21	0.13	0.03	0.00	
4	0.05	0.00	0.16	0.15	0.00	6.00	1.80	0.25	0.20	0.13	0.02	0.00	
5	0.06	0.00	0.11	0.11	0.00	0.95	8.30	0.75	0.19	0.12	0.02	0.00	
6	0.29	0.00	0.09	0.09	0.00	0.47	2.10	0.44	0.19	0.12	0.00	0.00	
7	0.15	0.00	0.07	0.06	0.11	0.38	0.80	0.48	0.19	0.12	0.00	0.00	
8	0.05	0.00	0.06	0.03	0.14	0.47	0.48	8.00	0.20	0.12	0.00	0.03	
9	0.03	0.00	0.05	0.01	0.08	1.20	0.50	6.40	0.20	0.12	0.00	0.02	
10	0.01	0.00	0.05	0.00	0.04	0.65	0.60	4.00	0.19	0.11	0.00	0.07	
11	0.01	0.00	0.04	0.15	0.03	0.43	0.43	20.50	0.18	0.11	0.00	0.15	
12	0.00	0.00	0.05	0.41	0.00	0.31	0.40	2.40	0.17	0.11	0.00	0.10	
13	0.00	0.00	0.03	0.19	0.38	0.21	0.37	1.20	0.16	0.11	0.00	0.08	
14	0.00	0.00	0.02	0.19	0.37	22.50	1.80	0.85	0.16	0.10	0.00	0.05	
15	0.00	0.00	0.01	0.29	0.47	6.40	1.00	0.70	0.16	0.10	0.00	0.02	
16	0.04	0.00	0.00	0.29	0.21	1.30	0.60	7.40	0.15	0.09	0.02	0.02	
17	0.05	0.41	0.00	0.17	0.14	5.40	5.60	3.00	0.15	0.09	0.14	0.01	
18	0.02	0.20	0.00	0.34	0.11	2.40	0.85	1.30	0.15	0.08	0.11	0.01	
19	0.00	0.31	0.00	0.16	0.10	5.40	0.60	0.65	0.15	0.08	0.10	0.15	
20	0.00	0.46	0.00	0.09	0.06	18.50	0.46	0.50	0.15	0.08	0.07	0.23	
21	0.00	0.25	0.00	0.08	0.03	3.30	0.35	0.44	0.14	0.07	0.03	0.13	
22	0.00	0.23	0.00	0.03	0.03	3.00	0.32	0.40	0.14	0.07	0.00	0.08	
23	0.00	0.16	0.00	0.02	0.01	4.80	0.26	0.35	0.14	0.07	0.00	0.06	
24	0.00	0.09	0.00	0.01	0.01	3.30	0.26	0.32	0.14	0.06	0.00	0.04	
25	0.00	0.05	0.00	0.01	0.00	1.70	0.44	0.32	0.14	0.05	0.00	0.02	
26	0.00	0.05	0.00	0.00	0.00	0.75	0.43	0.31	0.14	0.05	0.00	0.01	
27	0.00	0.04	0.00	0.00	0.00	0.46	0.37	0.29	0.13	0.04	0.00	0.00	
28	0.00	0.03	0.00	0.00	0.02	47.30	5.40	0.28	0.13	0.04	0.00	0.07	
29	0.00	0.02	0.00	0.00	0.09	4.80	0.90	0.25	0.13	0.03	0.00	0.19	
30	0.00	0.60	0.00	0.10	0.11	3.70	0.47	0.25	0.13	0.03	0.00	0.37	
31	0.00	0.35	0.00	0.09	0.17	0.40	0.40	0.13	0.13	0.03	0.00	0.29	
Total	1.07	3.25	2.16	3.20	2.86	147.18	42.94	62.96	5.10	2.72	0.60	2.20	276.24 CMSDAY
Mean	0.04	0.10	0.07	0.10	0.09	4.91	1.39	2.10	0.16	0.09	0.02	0.07	0.76 CMS
Max	0.29	0.60	0.90	0.41	0.47	47.30	8.30	20.50	0.23	0.13	0.14	0.37	47.30 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.21	0.26	0.25	0.13	0.03	0.00	0.00	0.00 CMS
Runoff	0.09	0.28	0.19	0.28	0.25	12.72	3.71	5.44	0.44	0.24	0.05	0.19	23.87 MCM
Momentary Peak	237.00	CMS, at 3.40 m. (A.D.), at 12.00 Hours, on Sep 28, 2005											
Runoff Yield	5.29	Liters/Second/Square KM. Momentary Peak Yield 1657.343 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN****Mun River at Ban Non Sa - at, Nakhon Ratchasima (M.173)**

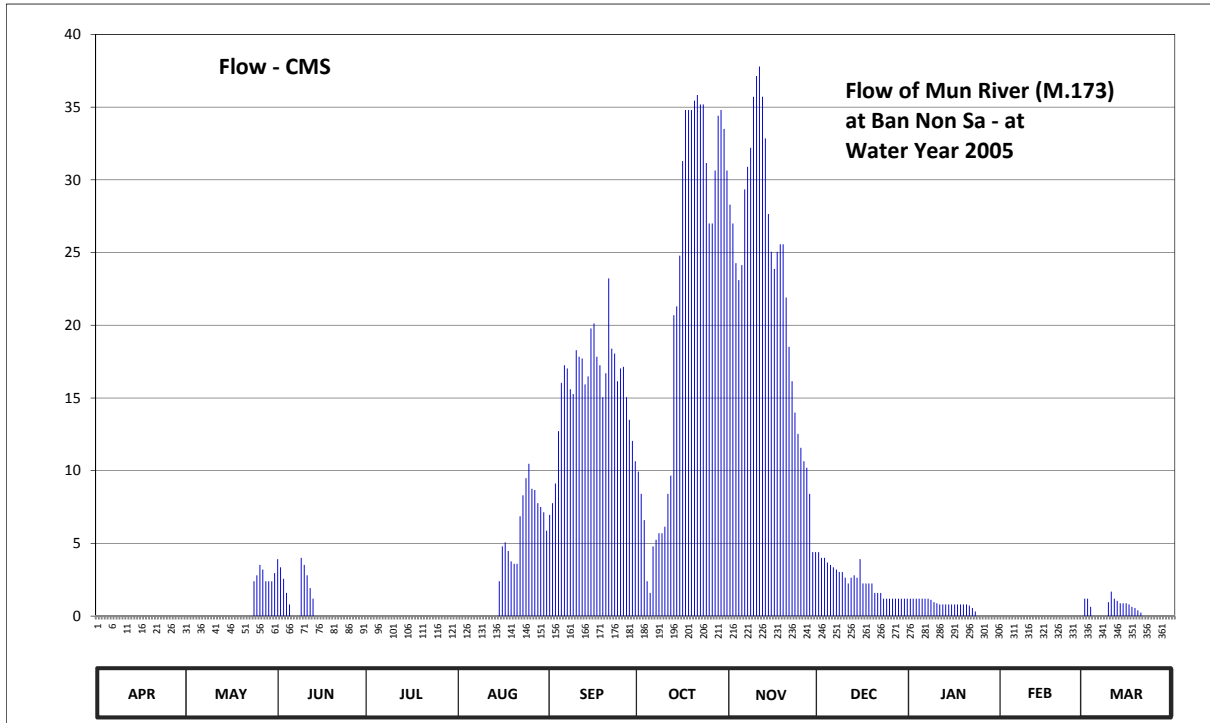
Lat 14 - 44 - 37 N Long 102 - 12 - 54 E

Location : on right bank at Ban Non Sa - at.

	Ban Non Sa - at	Amphoe Chok Chai	Changwat Nakhon Ratchasima
Drainage Area	4,211 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+9.032 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.0 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	Overbank flow starts at elevation +4.450 m.(A.D.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 23 discharge measurements made in 2005.		

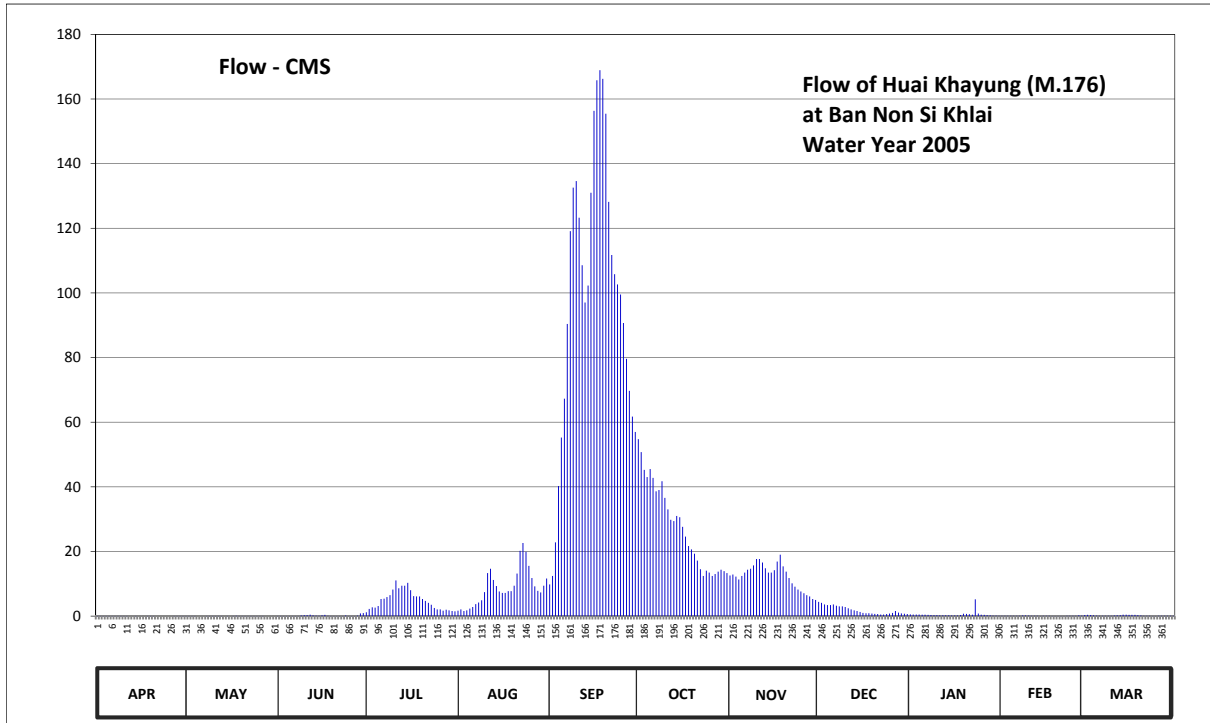
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.80	1.69	0.84	0.70	2.04	2.37	4.00	1.75	1.35	1.00	1.35	
2	0.50	0.80	1.62	0.84	0.95	2.13	2.20	3.90	1.70	1.35	1.00	1.35	
3	0.50	0.84	1.52	0.84	0.95	2.28	2.00	3.69	1.70	1.35	1.00	1.28	
4	0.50	0.85	1.40	0.84	0.95	2.67	1.50	3.60	1.66	1.35	1.00	1.20	
5	0.50	0.85	1.30	0.84	0.95	2.99	1.40	3.68	1.64	1.35	1.00	1.09	
6	0.50	0.90	1.20	0.83	0.95	3.10	1.80	4.08	1.62	1.35	1.00	0.98	
7	0.50	0.90	1.00	0.83	0.94	3.08	1.85	4.20	1.60	1.35	1.00	0.99	
8	0.50	0.90	1.11	0.83	0.94	2.95	1.90	4.30	1.58	1.34	1.00	1.00	
9	0.50	0.90	1.70	0.82	0.94	2.92	1.90	4.57	1.58	1.32	1.00	1.32	
10	0.50	0.90	1.64	0.82	0.94	3.19	1.95	4.68	1.53	1.31	1.00	1.41	
11	0.45	0.96	1.55	0.81	0.90	3.15	2.20	4.73	1.48	1.30	1.00	1.35	
12	0.45	0.96	1.44	0.81	0.90	3.14	2.34	4.57	1.53	1.30	1.00	1.33	
13	0.45	0.96	1.35	0.85	0.94	2.98	3.40	4.35	1.55	1.30	1.00	1.31	
14	0.45	0.96	1.20	0.88	1.00	3.03	3.45	3.95	1.53	1.30	1.00	1.31	
15	0.45	0.96	0.98	0.90	1.50	3.32	3.73	3.75	1.69	1.30	1.00	1.31	
16	0.40	0.90	0.96	0.93	1.80	3.35	4.23	3.66	1.48	1.30	1.00	1.30	
17	0.40	0.90	0.93	0.95	1.83	3.15	4.50	3.75	1.48	1.30	1.00	1.28	
18	0.40	0.90	0.80	0.98	1.76	3.10	4.50	3.79	1.48	1.30	1.00	1.27	
19	0.40	0.90	0.75	0.98	1.67	2.90	4.50	3.79	1.48	1.30	1.00	1.25	
20	0.40	0.88	0.70	0.98	1.65	3.05	4.55	3.50	1.40	1.30	1.00	1.23	
21	0.40	0.84	0.70	0.97	1.65	3.61	4.58	3.21	1.40	1.29	1.00	1.19	
22	0.40	0.90	0.70	0.97	2.03	3.20	4.53	3.00	1.40	1.27	1.00	1.13	
23	0.40	1.00	0.70	0.97	2.19	3.17	4.53	2.80	1.35	1.24	1.00	1.07	
24	0.40	1.50	0.70	0.96	2.32	3.00	4.22	2.65	1.35	1.20	1.00	1.02	
25	0.40	1.55	0.70	0.96	2.43	3.08	3.90	2.55	1.35	1.19	1.00	1.00	
26	0.40	1.64	0.75	0.95	2.24	3.09	3.90	2.45	1.35	1.18	1.00	0.99	
27	0.60	1.60	0.75	0.95	2.23	2.90	4.18	2.40	1.35	1.16	1.00	0.98	
28	0.80	1.50	0.75	0.92	2.13	2.75	4.47	2.20	1.35	1.16	1.00	0.97	
29	0.90	1.50	0.85	0.90	2.10	2.60	4.50	1.75	1.35	1.14		0.96	
30	0.80	1.50	0.85	0.87	2.06	2.45	4.40	1.75	1.35	1.13		0.96	
31		1.57		0.85	1.92		4.18		1.35	1.10		0.95	
Mean	0.49	1.07	1.08	0.89	1.50	2.95	3.34	3.51	1.50	1.27	1.00	1.17	
Max	0.90	1.64	1.70	0.98	2.43	3.61	4.58	4.73	1.75	1.35	1.00	1.41	4.73
Min	0.40	0.80	0.70	0.81	0.70	2.04	1.40	1.75	1.35	1.10	1.00	0.95	0.40
Annual Max Momentary Gage Height	4.73												
Zero Gage at Bottom Elevation	0.00						River Bed -0.66						
Left Bank Elevation	4.44												
Right Bank Elevation	5.76					Drainage Are	4,211	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	3.92	0.00	0.00	6.96	9.93	28.30	4.40	1.20	0.00	1.20	
2	0.00	0.00	3.36	0.00	0.00	7.77	8.40	27.00	4.00	1.20	0.00	1.20	
3	0.00	0.00	2.56	0.00	0.00	9.12	6.60	24.27	4.00	1.20	0.00	0.64	
4	0.00	0.00	1.60	0.00	0.00	12.72	2.40	23.10	3.68	1.20	0.00	0.00	
5	0.00	0.00	0.80	0.00	0.00	16.04	1.60	24.14	3.52	1.20	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	17.25	4.80	29.34	3.36	1.20	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	17.03	5.25	30.90	3.20	1.20	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	15.60	5.70	32.20	3.04	1.12	0.00	0.00	
9	0.00	0.00	4.00	0.00	0.00	15.27	5.70	35.71	3.04	0.96	0.00	0.96	
10	0.00	0.00	3.52	0.00	0.00	18.29	6.15	37.14	2.64	0.88	0.00	1.68	
11	0.00	0.00	2.80	0.00	0.00	17.83	8.40	37.79	2.24	0.80	0.00	1.20	
12	0.00	0.00	1.92	0.00	0.00	17.71	9.66	35.71	2.64	0.80	0.00	1.04	
13	0.00	0.00	1.20	0.00	0.00	15.93	20.70	32.85	2.80	0.80	0.00	0.88	
14	0.00	0.00	0.00	0.00	0.00	16.48	21.30	27.65	2.64	0.80	0.00	0.88	
15	0.00	0.00	0.00	0.00	2.40	19.78	24.79	25.05	3.92	0.80	0.00	0.88	
16	0.00	0.00	0.00	0.00	4.80	20.12	31.29	23.88	2.24	0.80	0.00	0.80	
17	0.00	0.00	0.00	0.00	5.07	17.83	34.80	25.05	2.24	0.80	0.00	0.64	
18	0.00	0.00	0.00	0.00	4.48	17.25	34.80	25.57	2.24	0.80	0.00	0.56	
19	0.00	0.00	0.00	0.00	3.76	15.05	34.80	25.57	2.24	0.80	0.00	0.40	
20	0.00	0.00	0.00	0.00	3.60	16.70	35.45	21.90	1.60	0.80	0.00	0.24	
21	0.00	0.00	0.00	0.00	3.60	23.23	35.84	18.52	1.60	0.72	0.00	0.00	
22	0.00	0.00	0.00	0.00	6.87	18.40	35.19	16.15	1.60	0.56	0.00	0.00	
23	0.00	0.00	0.00	0.00	8.31	18.06	35.19	14.00	1.20	0.32	0.00	0.00	
24	0.00	2.40	0.00	0.00	9.48	16.15	31.16	12.53	1.20	0.00	0.00	0.00	
25	0.00	2.80	0.00	0.00	10.47	17.03	27.00	11.57	1.20	0.00	0.00	0.00	
26	0.00	3.52	0.00	0.00	8.76	17.14	27.00	10.65	1.20	0.00	0.00	0.00	
27	0.00	3.20	0.00	0.00	8.67	15.05	30.64	10.20	1.20	0.00	0.00	0.00	
28	0.00	2.40	0.00	0.00	7.77	13.50	34.41	8.40	1.20	0.00	0.00	0.00	
29	0.00	2.40	0.00	0.00	7.50	12.05	34.80	4.40	1.20	0.00	0.00	0.00	
30	0.00	2.40	0.00	0.00	7.14	10.65	33.50	4.40	1.20	0.00	0.00	0.00	
31	0.00	2.96	0.00	0.00	5.88		30.64		1.20	0.00	0.00	0.00	
Total	0.00	22.08	25.68	0.00	108.56	471.99	667.89	683.94	73.68	20.96	0.00	13.20	2087.98 CMSDAY
Mean	0.00	0.71	0.86	0.00	3.50	15.73	21.54	22.80	2.38	0.68	0.00	0.43	5.72 CMS
Max	0.00	3.52	4.00	0.00	10.47	23.23	35.84	37.79	4.40	1.20	0.00	1.68	37.79 CMS
Min	0.00	0.00	0.00	0.00	0.00	6.96	1.60	4.40	1.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	1.91	2.22	0.00	9.38	40.78	57.71	59.09	6.37	1.81	0.00	1.14	180.40 MCM
Momentary Peak	37.79	CMS, at 4.73 m. (A.D.), at 06.00 Hours, on Nov 11, 2005											
Runoff Yield	1.36	Liters/Second/Square KM. Momentary Peak Yield 8,974 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.03	0.04	0.06	1.20	1.70	9.80	54.75	12.55	4.40	0.55	0.09	0.34	
2	0.03	0.04	0.05	2.20	2.10	12.40	50.75	12.85	4.10	0.50	0.09	0.38	
3	0.03	0.04	0.04	2.70	1.60	22.80	45.25	12.25	3.60	0.50	0.09	0.34	
4	0.03	0.03	0.04	2.60	1.80	40.25	43.00	11.35	3.40	0.50	0.08	0.26	
5	0.04	0.02	0.03	3.10	2.30	55.25	45.50	12.40	3.40	0.46	0.08	0.14	
6	0.03	0.02	0.03	5.30	2.80	67.30	42.75	13.45	3.60	0.42	0.08	0.10	
7	0.03	0.02	0.04	5.40	3.70	90.40	38.60	14.35	3.20	0.38	0.08	0.10	
8	0.04	0.03	0.06	5.90	4.20	119.10	39.00	14.65	3.00	0.34	0.18	0.08	
9	0.03	0.03	0.18	6.50	4.90	132.60	41.75	15.70	3.00	0.30	0.18	0.08	
10	0.03	0.04	0.30	8.20	7.40	134.60	36.60	17.65	2.80	0.30	0.14	0.08	
11	0.03	0.04	0.30	11.05	13.30	123.30	33.00	17.65	2.40	0.26	0.10	0.18	
12	0.02	0.04	0.46	8.60	14.65	108.60	29.80	16.60	2.10	0.26	0.09	0.26	
13	0.02	0.03	0.26	9.40	11.20	97.05	29.40	14.80	1.80	0.26	0.08	0.30	
14	0.03	0.02	0.14	9.40	9.30	102.30	31.00	13.45	1.60	0.22	0.06	0.42	
15	0.02	0.03	0.10	10.30	7.60	131.00	30.60	13.45	1.30	0.18	0.08	0.42	
16	0.02	0.02	0.22	8.00	7.20	156.35	27.60	14.20	1.00	0.18	0.08	0.38	
17	0.02	0.03	0.38	6.20	7.20	165.80	24.60	16.90	0.90	0.18	0.08	0.38	
18	0.04	0.09	0.08	6.10	7.70	168.95	21.70	19.00	0.90	0.34	0.07	0.38	
19	0.04	0.06	0.06	6.10	7.70	166.25	20.65	15.40	0.80	0.75	0.06	0.30	
20	0.03	0.05	0.05	5.30	9.40	155.45	19.30	13.75	0.70	0.70	0.05	0.18	
21	0.02	0.05	0.05	4.70	13.15	128.20	17.20	11.80	0.65	0.60	0.05	0.09	
22	0.02	0.04	0.04	4.10	20.20	111.75	14.50	10.15	0.50	0.46	0.06	0.08	
23	0.02	0.04	0.07	3.50	22.60	105.80	12.40	9.10	0.50	5.20	0.09	0.08	
24	0.02	0.05	0.18	2.50	19.90	102.65	14.05	8.20	0.65	0.80	0.10	0.06	
25	0.01	0.05	0.05	2.10	15.55	99.50	13.45	7.60	0.80	0.46	0.10	0.07	
26	0.02	0.04	0.04	2.10	11.80	90.70	12.40	7.10	1.00	0.38	0.10	0.09	
27	0.04	0.03	0.05	1.70	9.20	79.60	13.00	6.50	1.60	0.30	0.22	0.10	
28	0.04	0.02	0.14	2.00	7.80	69.70	13.75	6.10	1.10	0.22	0.14	0.10	
29	0.05	0.02	0.85	1.80	7.30	61.75	14.35	5.30	0.85	0.14		0.09	
30	0.04	0.01	0.95	1.60	9.40	57.00	13.90	5.00	0.75	0.14		0.08	
31		0.01		1.50	11.65		13.30		0.65	0.10		0.08	
Total	0.87	1.08	5.30	151.15	276.30	2966.20	857.90	369.25	57.05	16.38	2.70	6.02	4710.20 CMSDAY
Mean	0.03	0.03	0.18	4.88	8.91	98.87	27.67	12.31	1.84	0.53	0.10	0.19	12.90 CMS
Max	0.05	0.09	0.95	11.05	22.60	168.95	54.75	19.00	4.40	5.20	0.22	0.42	168.95 CMS
Min	0.01	0.01	0.03	1.20	1.60	9.80	12.40	5.00	0.50	0.10	0.05	0.06	0.01 CMS
Runoff	0.08	0.09	0.46	13.06	23.87	256.28	74.12	31.90	4.93	1.42	0.23	0.52	406.96 MCM
Momentary Peak	168.95 CMS, at 7.31 m. (A.D.), at 12.00 Hours, on Sep 18, 2005												
Runoff Yield	4.12 Liters/Second/Square KM.		Momentary Peak Yield		53,960 Liters/Second/Square KM.								

WATER YEAR : 2005**MUN RIVER BASIN****Huai Khulu at Ban Nong Tao, Ubon Ratchathani (M.178)**

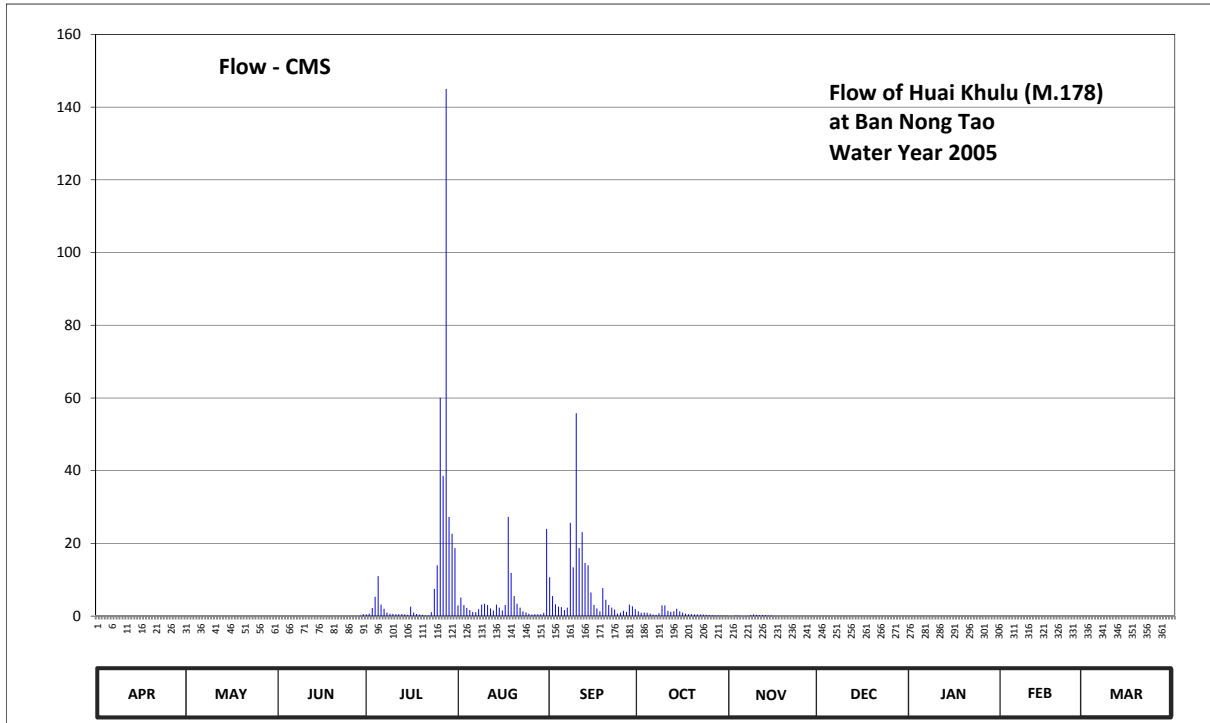
Lat 15 - 42 - 48 N Long 105 - 01 - 58 E

Location : on right bank at the bridge.

	Ban	Nong Tao	Amphoe	Trakan Phutphon	Changwat	Ubon Ratchathani
Drainage Area	128	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000 m. (A.D.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the footpath of the bridge.				Elevation	+11.072 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	2003 to date					
Rating Operation						
Period of Rating	2003 to date					
Rated by Flot	-					
Rated by Current Meter	2003 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	0.03	0.22	0.56	0.85	1.24	0.71	0.42	0.35	0.26	0.22	0.14	
2	0.07	0.02	0.22	0.61	0.98	1.00	0.65	0.40	0.35	0.26	0.20	0.14	
3	0.07	0.02	0.22	0.79	0.86	0.88	0.66	0.46	0.34	0.26	0.20	0.13	
4	0.07	0.02	0.22	0.99	0.79	0.82	0.65	0.45	0.33	0.26	0.20	0.13	
5	0.07	0.02	0.20	1.25	0.74	0.81	0.61	0.42	0.32	0.26	0.20	0.13	
6	0.07	0.02	0.20	0.87	0.69	0.74	0.54	0.42	0.32	0.26	0.20	0.13	
7	0.07	0.02	0.23	0.77	0.68	0.80	0.51	0.42	0.30	0.26	0.20	0.12	
8	0.07	0.02	0.28	0.66	0.76	1.63	0.63	0.48	0.30	0.26	0.20	0.12	
9	0.06	0.02	0.32	0.60	0.87	1.33	0.85	0.54	0.30	0.26	0.20	0.12	
10	0.06	0.03	0.34	0.60	0.89	2.08	0.85	0.52	0.30	0.27	0.20	0.12	
11	0.05	0.05	0.39	0.58	0.86	1.48	0.72	0.49	0.29	0.27	0.20	0.10	
12	0.05	0.06	0.36	0.57	0.78	1.58	0.70	0.50	0.29	0.27	0.20	0.10	
13	0.04	0.07	0.34	0.59	0.73	1.37	0.71	0.48	0.29	0.26	0.20	0.10	
14	0.04	0.06	0.33	0.56	0.87	1.35	0.77	0.45	0.29	0.26	0.19	0.10	
15	0.03	0.09	0.32	0.51	0.80	1.05	0.71	0.45	0.29	0.26	0.19	0.10	
16	0.03	0.10	0.32	0.82	0.73	0.86	0.66	0.42	0.29	0.26	0.19	0.10	
17	0.02	0.13	0.36	0.66	0.86	0.78	0.61	0.40	0.29	0.25	0.19	0.09	
18	0.02	0.16	0.39	0.59	1.66	0.71	0.58	0.40	0.29	0.25	0.19	0.08	
19	0.02	0.17	0.37	0.55	1.28	1.11	0.58	0.40	0.28	0.24	0.18	0.08	
20	0.02	0.17	0.35	0.51	1.00	0.95	0.56	0.40	0.28	0.24	0.18	0.08	
21	0.02	0.18	0.33	0.46	0.89	0.86	0.56	0.39	0.28	0.24	0.18	0.08	
22	0.02	0.20	0.32	0.44	0.80	0.80	0.54	0.36	0.28	0.24	0.18	0.08	
23	0.02	0.22	0.31	0.68	0.71	0.75	0.54	0.36	0.27	0.24	0.18	0.08	
24	0.02	0.22	0.36	1.10	0.67	0.62	0.52	0.35	0.27	0.24	0.18	0.07	
25	0.02	0.22	0.40	1.35	0.61	0.66	0.50	0.35	0.27	0.24	0.17	0.07	
26	0.02	0.22	0.40	2.13	0.55	0.72	0.48	0.34	0.27	0.23	0.16	0.07	
27	0.04	0.22	0.39	1.84	0.58	0.70	0.47	0.33	0.27	0.23	0.14	0.07	
28	0.04	0.22	0.40	3.00	0.58	0.87	0.46	0.34	0.27	0.22	0.14	0.06	
29	0.04	0.22	0.45	1.66	0.56	0.83	0.45	0.33	0.27	0.22	0.14	0.06	
30	0.03	0.22	0.57	1.57	0.65	0.76	0.45	0.35	0.26	0.22	0.14	0.06	
31		0.22		1.48	1.60		0.44		0.26	0.22		0.13	
Mean	0.04	0.12	0.33	0.95	0.83	1.00	0.60	0.41	0.29	0.25	0.19	0.10	
Max	0.07	0.22	0.57	3.00	1.66	2.08	0.85	0.54	0.35	0.27	0.22	0.14	3.00
Min	0.02	0.02	0.20	0.44	0.55	0.62	0.44	0.33	0.26	0.22	0.14	0.06	0.02
Annual Max Momentary Gage Height	3.17			m. (A.D.) ,			at 06.00 Hours, on Jul 28, 2005						
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,			River Bed -0.79	m. (A.D.) ,					
Left Bank Elevation	7.48			m. (A.D.) ,									
Right Bank Elevation	7.64			m. (A.D.) ,			Drainage Are	128	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.48	2.93	10.70	1.31	0.06	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.66	5.10	5.50	0.90	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	2.24	3.04	3.27	0.96	0.18	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	5.30	2.24	2.58	0.90	0.15	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	11.00	1.66	2.47	0.66	0.06	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	3.16	1.14	1.66	0.42	0.06	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	2.01	1.08	2.35	0.33	0.06	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.96	1.89	25.65	0.78	0.24	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.60	3.16	13.40	2.93	0.42	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.60	3.39	55.80	2.93	0.36	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.54	3.04	18.70	1.43	0.27	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.51	2.12	23.10	1.20	0.30	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.57	1.55	14.60	1.31	0.24	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.48	3.16	14.00	2.01	0.15	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.33	2.35	6.50	1.31	0.15	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	2.58	1.55	3.04	0.96	0.06	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.96	3.04	2.12	0.66	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.57	27.30	1.31	0.54	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.45	11.90	7.70	0.54	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.33	5.50	4.50	0.48	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.18	3.39	3.04	0.48	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.12	2.35	2.35	0.42	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	1.08	1.31	1.78	0.42	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	7.50	1.02	0.72	0.36	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	14.00	0.66	0.96	0.30	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	60.05	0.45	1.43	0.24	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	38.60	0.54	1.20	0.21	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	145.00	0.54	3.16	0.18	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.15	27.30	0.48	2.70	0.15	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.51	22.65	0.90	1.89	0.15	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	18.70	24.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.66	369.51	122.78	238.18	25.59	2.76	0.00	0.00	0.00	0.00	759.48 CMSDAY
Mean	0.00	0.00	0.02	11.92	3.96	7.94	0.83	0.09	0.00	0.00	0.00	0.00	2.08 CMS
Max	0.00	0.00	0.51	145.00	27.30	55.80	2.93	0.42	0.00	0.00	0.00	0.00	145.00 CMS
Min	0.00	0.00	0.00	0.12	0.45	0.72	0.12	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.06	31.93	10.61	20.58	2.21	0.24	0.00	0.00	0.00	0.00	65.62 MCM
Momentary Peak	165.40	CMS, at 3.17 m. (A.D.), at 06.00 Hours, on Jul 28, 2005											
Runoff Yield	16.26	Liters/Second/Square KM. Momentary Peak Yield 1292.188 Liters/Second/Square KM.											

WATER YEAR : 2005**MUN RIVER BASIN**

Lam Sa Bai at Ban Tha Wari, Ubun Ratchathani (M.179)

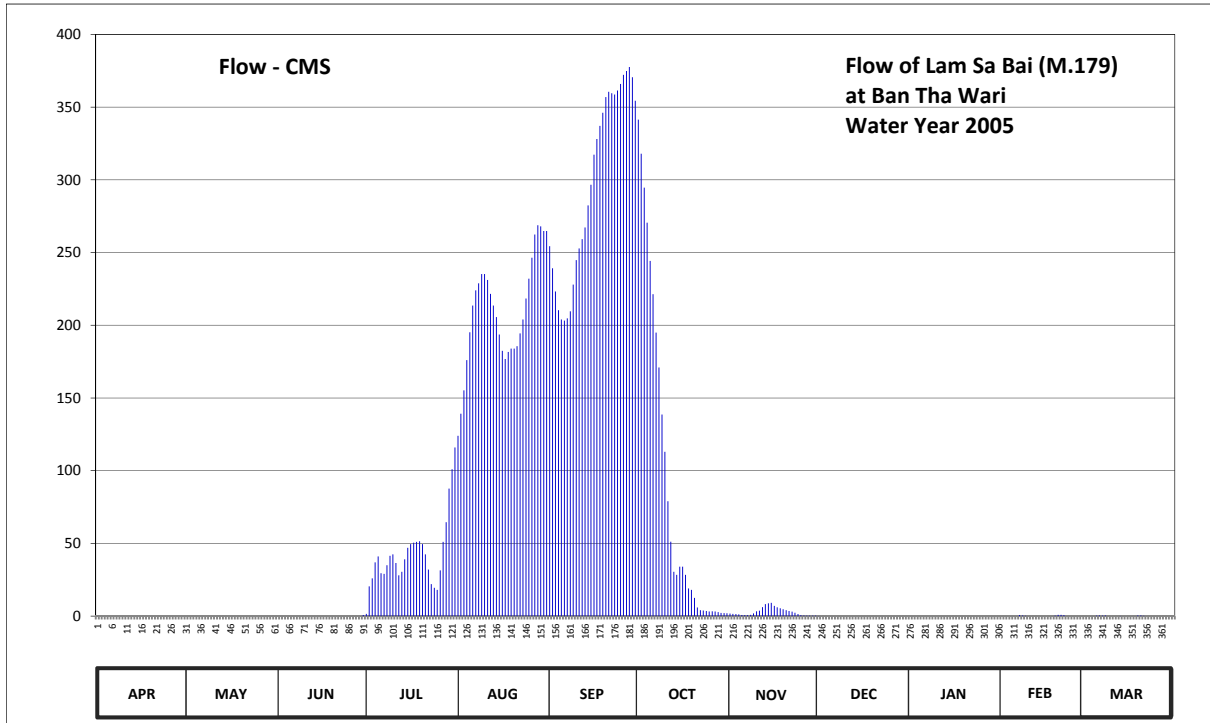
Lat 15 - 19 - 34 N Long 104 - 41 - 08 E

Location : on right bank at the bridge.

	Ban	Tha Wari	Amphoe	Khueang Nai	Changwat	Ubun Ratchathani
Drainage Area	3,881	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+0.000 m. (A.D.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+13.760 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	2003 to date					
Rating Operation						
Period of Rating	2003 to date					
Rated by Flot	-					
Rated by Current Meter	2003 to date					
Stability of Channel Regimes	Stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records very good. Stage-discharge relation defined by 33 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.88	1.70	1.86	2.06	4.40	6.03	7.18	2.70	2.04	1.87	1.80	1.74	
2	1.88	1.70	1.86	2.71	4.59	5.84	7.00	2.61	1.97	1.85	1.81	1.79	
3	1.88	1.70	1.85	2.82	4.79	5.64	6.82	2.58	1.94	1.83	1.83	1.86	
4	1.88	1.69	1.84	3.04	5.05	5.48	6.63	2.50	1.92	1.81	1.86	2.00	
5	1.87	1.69	1.83	3.12	5.29	5.40	6.41	2.31	1.92	1.80	1.87	2.14	
6	1.85	1.67	1.82	2.89	5.52	5.39	6.22	2.25	1.92	1.80	1.91	2.15	
7	1.85	1.62	1.80	2.88	5.65	5.41	6.00	2.25	1.92	1.83	2.32	2.12	
8	1.84	1.58	1.79	3.00	5.71	5.47	5.80	2.37	1.91	1.84	2.18	2.18	
9	1.83	1.58	1.78	3.13	5.79	5.70	5.53	2.75	1.89	1.85	2.08	1.90	
10	1.82	1.58	1.78	3.15	5.79	5.91	5.30	3.32	1.87	1.84	2.00	1.85	
11	1.80	1.58	1.77	3.03	5.74	6.01	4.97	3.51	1.86	1.82	1.88	1.89	
12	1.80	1.57	1.75	2.86	5.62	6.09	4.69	3.91	1.85	1.81	1.87	1.98	
13	1.79	1.58	1.74	2.91	5.52	6.19	4.45	4.04	1.85	1.80	1.85	2.05	
14	1.78	1.59	1.73	3.08	5.42	6.38	4.42	4.06	1.84	1.80	1.82	1.87	
15	1.78	1.61	1.73	3.24	5.27	6.54	4.50	4.07	1.82	1.79	1.80	1.80	
16	1.77	1.64	1.74	3.29	5.13	6.77	4.50	4.00	1.86	1.79	1.78	1.79	
17	1.76	1.68	1.81	3.31	5.06	6.89	4.42	3.90	1.90	1.79	1.77	1.80	
18	1.76	1.75	1.84	3.32	5.12	6.99	4.28	3.84	1.94	1.78	1.82	1.99	
19	1.75	1.85	1.85	3.33	5.15	7.09	4.26	3.75	1.94	1.78	2.14	2.16	
20	1.74	1.90	1.85	3.29	5.15	7.21	4.15	3.61	1.89	1.77	2.37	2.18	
21	1.73	1.92	1.84	3.15	5.17	7.25	3.89	3.42	1.87	1.80	2.35	2.07	
22	1.73	1.93	1.85	2.94	5.28	7.24	3.62	3.22	1.85	1.83	2.25	1.88	
23	1.73	1.95	1.84	2.74	5.40	7.23	3.53	2.90	1.83	1.87	1.94	1.81	
24	1.73	1.98	1.85	2.69	5.58	7.26	3.41	2.58	1.82	1.88	1.83	1.80	
25	1.73	1.95	1.86	2.66	5.75	7.31	3.28	2.25	1.82	1.89	1.77	1.77	
26	1.70	1.90	1.86	2.93	5.93	7.38	3.31	2.18	1.82	1.89	1.72	1.76	
27	1.68	1.89	1.88	3.32	6.13	7.41	3.28	2.14	1.82	1.87	1.71	1.75	
28	1.67	1.87	1.93	3.56	6.21	7.44	3.08	2.12	1.84	1.83	1.73	1.74	
29	1.68	1.88	1.96	3.91	6.20	7.38	2.87	2.12	1.90	1.80		1.80	
30	1.69	1.88	2.03	4.10	6.16	7.28	2.84	2.11	1.90	1.79		1.79	
31		1.87		4.30	6.16		2.77		1.89	1.78		1.78	
Mean	1.78	1.75	1.83	3.12	5.48	6.52	4.63	2.98	1.88	1.82	1.93	1.91	
Max	1.88	1.98	2.03	4.30	6.21	7.44	7.18	4.07	2.04	1.89	2.37	2.18	7.44
Min	1.67	1.57	1.73	2.06	4.40	5.39	2.77	2.11	1.82	1.77	1.71	1.74	1.57
Annual Max Momentary Gage Height	7.45	m. (A.D.) , at 06.00 Hours, on Sep 28, 2005											
Zero Gage at Bottom Elevation	0.00	m. (A.D.) , River Bed 0.52 m. (A.D.)											
Left Bank Elevation	9.74	m. (A.D.) ,											
Right Bank Elevation	12.36	m. (A.D.) , Drainage Are 3,881 Square Kilometers											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	1.50	124.00	254.40	341.40	1.75	0.10	0.00	0.00	0.00	
2	0.00	0.00	0.00	20.50	139.20	239.20	318.00	1.52	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	26.00	155.20	223.20	294.60	1.45	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	37.00	176.00	210.40	270.60	1.25	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	41.00	195.20	204.00	244.20	0.77	0.00	0.00	0.00	0.35	
6	0.00	0.00	0.00	29.50	213.60	203.20	221.40	0.63	0.00	0.00	0.00	0.38	
7	0.00	0.00	0.00	29.00	224.00	204.80	195.00	0.63	0.00	0.00	0.80	0.30	
8	0.00	0.00	0.00	35.00	228.80	209.60	171.00	0.92	0.00	0.00	0.45	0.45	
9	0.00	0.00	0.00	41.50	235.20	228.00	138.60	1.88	0.00	0.00	0.20	0.00	
10	0.00	0.00	0.00	42.50	235.20	244.80	113.00	3.30	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	36.50	231.20	252.80	79.00	3.78	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	28.00	221.60	259.20	51.10	6.10	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	30.50	213.60	267.20	30.50	8.20	0.00	0.00	0.00	0.12	
14	0.00	0.00	0.00	39.00	205.60	282.40	28.40	8.80	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	47.00	193.60	296.60	34.00	9.10	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	49.50	182.40	317.30	34.00	7.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	50.50	176.80	328.10	28.40	6.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	51.00	181.60	337.10	19.00	5.40	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	51.50	184.00	346.10	18.00	4.75	0.00	0.00	0.35	0.40	
20	0.00	0.00	0.00	49.50	184.00	356.90	12.50	4.05	0.00	0.00	0.92	0.45	
21	0.00	0.00	0.00	42.50	185.60	360.50	5.90	3.55	0.00	0.00	0.87	0.17	
22	0.00	0.00	0.00	32.00	194.40	359.60	4.10	3.05	0.00	0.00	0.63	0.00	
23	0.00	0.00	0.00	22.00	204.00	358.70	3.83	2.25	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	19.50	218.40	361.40	3.53	1.45	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	18.00	232.00	365.90	3.20	0.63	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	31.50	246.40	372.20	3.28	0.45	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	51.00	262.40	374.90	3.20	0.35	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	64.60	268.80	377.60	2.70	0.30	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	87.70	268.00	370.60	2.18	0.30	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.75	101.00	264.80	354.40	2.10	0.27	0.00	0.00	0.00	0.00	
31	0.00	0.00	116.00	264.80		1.93			0.00	0.00		0.00	
Total	0.00	0.00	0.75	1322.30	6510.40	8921.10	2678.65	89.88	0.10	0.00	4.22	2.62	19530.02 CMSDAY
Mean	0.00	0.00	0.03	42.65	210.01	297.37	86.41	3.00	0.00	0.00	0.15	0.08	53.51 CMS
Max	0.00	0.00	0.75	116.00	268.80	377.60	341.40	9.10	0.10	0.00	0.92	0.45	377.60 CMS
Min	0.00	0.00	0.00	1.50	124.00	203.20	1.93	0.27	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.07	114.25	562.50	770.78	231.44	7.77	0.01	0.00	0.37	0.23	1687.39 MCM
Momentary Peak	378.50	CMS, at 7.45 m. (A.D.), at 06.00 Hours, on Sep 28, 2005											
Runoff Yield	13.79	Liters/Second/Square KM.		Momentary Peak Yield		97.526	Liters/Second/Square KM.						

WATER YEAR : 2005

MUN RIVER BASIN

Lam Phra Phloeng at Ban Tha Yiam, Nakhon Ratchasima (M.180)

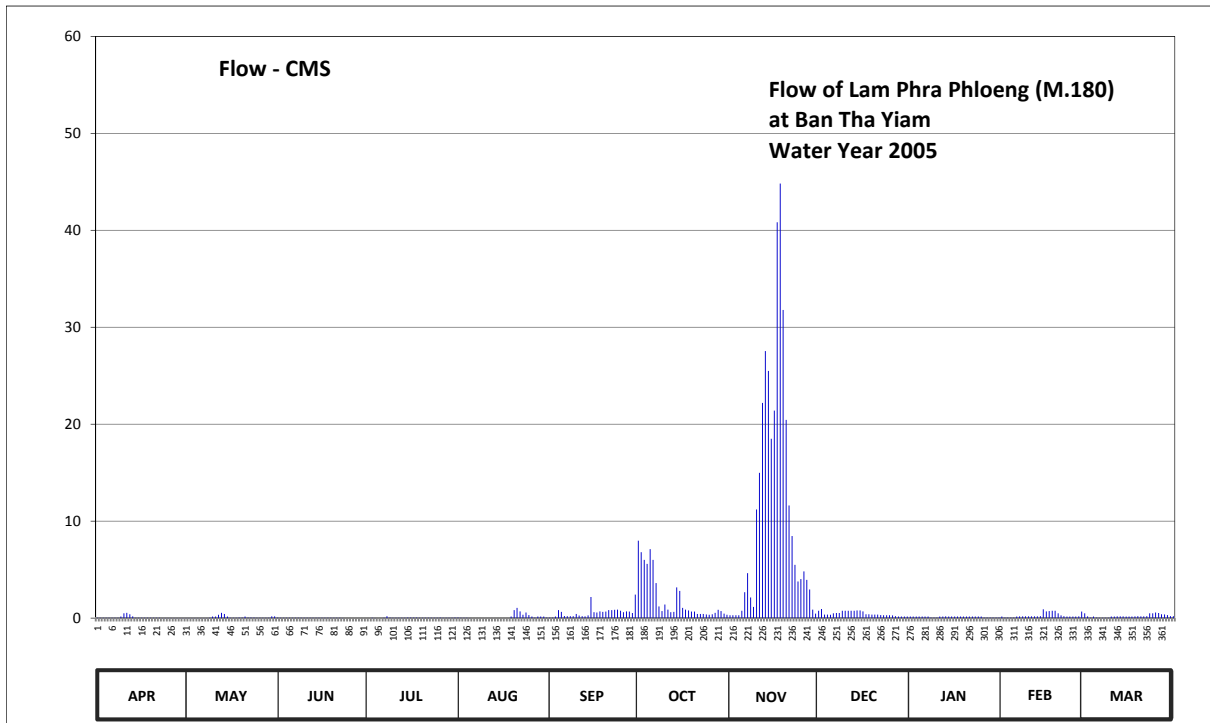
Lat 14 - 38 - 04 N Long 101 - 53 - 16 E

Location : on left bank at Ban Tha Yiam

	Ban Tha Yiam	Amphoe Pak Thong Chai	Changwat Nakhon Ratchasima
Drainage Area	882 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+8.679 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 20 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.01	0.29	0.00	0.25	0.28	1.69	0.55	0.72	0.33	0.31	0.63	
2	0.20	0.01	0.24	0.00	0.24	0.28	1.58	0.55	0.78	0.34	0.30	0.39	
3	0.20	0.01	0.24	0.05	0.21	0.37	1.50	0.55	0.58	0.34	0.30	0.28	
4	0.20	0.01	0.24	0.03	0.13	0.74	1.46	0.55	0.58	0.34	0.30	0.32	
5	0.19	0.01	0.24	0.00	0.04	0.68	1.61	0.72	0.57	0.34	0.30	0.27	
6	0.14	0.01	0.24	0.00	0.00	0.51	1.50	1.11	0.63	0.34	0.31	0.21	
7	0.07	0.01	0.23	0.19	0.00	0.44	1.24	1.36	0.64	0.32	0.40	0.24	
8	0.05	0.01	0.21	0.45	0.00	0.46	0.84	1.02	0.64	0.27	0.40	0.24	
9	0.37	0.06	0.20	0.30	0.00	0.50	0.71	0.83	0.72	0.27	0.40	0.24	
10	0.63	0.31	0.20	0.19	0.00	0.61	0.88	1.95	0.72	0.26	0.40	0.38	
11	0.65	0.35	0.20	0.19	0.00	0.53	0.76	2.22	0.72	0.32	0.42	0.38	
12	0.60	0.57	0.21	0.20	0.00	0.47	0.67	2.70	0.72	0.37	0.42	0.39	
13	0.40	0.65	0.21	0.24	0.00	0.40	0.68	3.02	0.72	0.39	0.43	0.39	
14	0.22	0.61	0.21	0.24	0.00	0.54	1.18	2.90	0.73	0.36	0.46	0.40	
15	0.15	0.34	0.21	0.26	0.00	1.03	1.13	2.46	0.73	0.36	0.77	0.37	
16	0.15	0.09	0.19	0.28	0.00	0.67	0.81	2.65	0.70	0.36	0.70	0.38	
17	0.15	0.12	0.18	0.29	0.00	0.66	0.76	3.77	0.60	0.35	0.71	0.38	
18	0.15	0.15	0.18	0.27	0.00	0.70	0.73	3.98	0.60	0.33	0.72	0.41	
19	0.15	0.25	0.18	0.24	0.36	0.68	0.69	3.27	0.58	0.33	0.72	0.45	
20	0.13	0.25	0.13	0.24	0.74	0.69	0.69	2.59	0.58	0.33	0.63	0.43	
21	0.10	0.36	0.08	0.23	0.81	0.74	0.61	1.98	0.58	0.34	0.54	0.43	
22	0.09	0.30	0.05	0.19	0.70	0.74	0.61	1.73	0.56	0.34	0.47	0.48	
23	0.03	0.25	0.03	0.15	0.57	0.75	0.61	1.45	0.55	0.34	0.38	0.63	
24	0.02	0.25	0.00	0.14	0.66	0.76	0.59	1.26	0.55	0.33	0.37	0.63	
25	0.02	0.24	0.00	0.16	0.56	0.72	0.57	1.29	0.55	0.31	0.37	0.66	
26	0.02	0.24	0.00	0.27	0.32	0.67	0.60	1.38	0.54	0.30	0.37	0.64	
27	0.02	0.24	0.00	0.24	0.30	0.70	0.65	1.28	0.50	0.30	0.40	0.60	
28	0.02	0.24	0.00	0.24	0.32	0.69	0.75	1.15	0.37	0.30	0.69	0.59	
29	0.01	0.24	0.00	0.24	0.34	0.64	0.71	0.76	0.35	0.30		0.56	
30	0.01	0.40	0.00	0.24	0.36	1.07	0.62	0.62	0.35	0.30		0.47	
31		0.41		0.25	0.30		0.57		0.34	0.29		0.49	
Mean	0.18	0.23	0.15	0.19	0.23	0.62	0.90	1.72	0.60	0.33	0.46	0.43	
Max	0.65	0.65	0.29	0.45	0.81	1.07	1.69	3.98	0.78	0.39	0.77	0.66	3.98
Min	0.01	0.01	0.00	0.00	0.00	0.28	0.57	0.55	0.34	0.26	0.30	0.21	0.00
Annual Max Momentary Gage Height	4.09												at 06.00 Hours, on Nov 18, 2005
Zero Gage at Bottom Elevation	0.00					0.20							m. (A.D.)
Left Bank Elevation		4.34											m. (A.D.)
Right Bank Elevation		4.59											m. (A.D.)
Drainage Area						882							Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.02	0.05	0.00	0.05	0.05	7.99	0.30	0.76	0.16	0.16	0.49	
2	0.04	0.02	0.04	0.00	0.04	0.05	6.80	0.30	0.94	0.17	0.05	0.18	
3	0.04	0.02	0.04	0.03	0.04	0.17	6.00	0.30	0.36	0.17	0.05	0.05	
4	0.04	0.02	0.04	0.02	0.03	0.82	5.60	0.30	0.36	0.17	0.05	0.16	
5	0.04	0.02	0.04	0.00	0.02	0.64	7.11	0.76	0.34	0.17	0.05	0.05	
6	0.03	0.02	0.04	0.00	0.00	0.22	6.00	2.67	0.49	0.17	0.16	0.04	
7	0.03	0.02	0.04	0.04	0.00	0.19	3.62	4.64	0.52	0.16	0.18	0.04	
8	0.03	0.02	0.04	0.19	0.00	0.19	1.20	2.12	0.52	0.05	0.18	0.04	
9	0.17	0.03	0.04	0.05	0.00	0.20	0.73	1.15	0.76	0.05	0.18	0.04	
10	0.49	0.16	0.04	0.04	0.00	0.43	1.40	11.20	0.76	0.05	0.18	0.17	
11	0.55	0.17	0.04	0.04	0.00	0.26	0.88	14.98	0.76	0.16	0.18	0.17	
12	0.40	0.34	0.04	0.04	0.00	0.19	0.61	22.20	0.76	0.17	0.18	0.18	
13	0.18	0.55	0.04	0.04	0.00	0.18	0.64	27.54	0.76	0.18	0.18	0.18	
14	0.04	0.43	0.04	0.04	0.00	0.28	3.16	25.50	0.79	0.17	0.19	0.18	
15	0.04	0.17	0.04	0.05	0.00	2.18	2.81	18.50	0.79	0.17	0.91	0.17	
16	0.04	0.03	0.04	0.05	0.00	0.61	1.05	21.40	0.70	0.17	0.70	0.17	
17	0.04	0.03	0.04	0.05	0.00	0.58	0.88	40.83	0.40	0.17	0.73	0.17	
18	0.04	0.04	0.04	0.05	0.00	0.70	0.79	44.82	0.40	0.16	0.76	0.18	
19	0.04	0.05	0.04	0.04	0.17	0.64	0.67	31.79	0.36	0.16	0.76	0.19	
20	0.03	0.05	0.03	0.04	0.82	0.67	0.67	20.45	0.36	0.16	0.49	0.18	
21	0.03	0.17	0.03	0.04	1.05	0.82	0.43	11.62	0.36	0.17	0.28	0.18	
22	0.03	0.05	0.03	0.04	0.70	0.82	0.43	8.46	0.32	0.17	0.19	0.20	
23	0.02	0.05	0.02	0.04	0.34	0.85	0.43	5.50	0.30	0.17	0.17	0.49	
24	0.02	0.05	0.00	0.03	0.58	0.88	0.38	3.78	0.30	0.16	0.17	0.49	
25	0.02	0.04	0.00	0.04	0.32	0.76	0.34	4.02	0.30	0.16	0.17	0.58	
26	0.02	0.04	0.00	0.05	0.16	0.61	0.40	4.82	0.28	0.05	0.17	0.52	
27	0.02	0.04	0.00	0.04	0.05	0.70	0.55	3.94	0.20	0.05	0.18	0.40	
28	0.02	0.04	0.00	0.04	0.16	0.67	0.85	2.95	0.17	0.05	0.67	0.38	
29	0.02	0.04	0.00	0.04	0.17	0.52	0.73	0.88	0.17	0.05		0.32	
30	0.02	0.18	0.00	0.04	0.17	2.42	0.46	0.46	0.17	0.05		0.19	
31		0.18		0.05	0.05		0.34		0.17	0.05		0.20	
Total	2.57	3.09	0.88	1.26	4.92	18.30	63.95	338.18	14.63	4.12	8.32	6.98	467.20 CMSDAY
Mean	0.09	0.10	0.03	0.04	0.16	0.61	2.06	11.27	0.47	0.13	0.30	0.23	1.28 CMS
Max	0.55	0.55	0.05	0.19	1.05	2.42	7.99	44.82	0.94	0.18	0.91	0.58	44.82 CMS
Min	0.02	0.02	0.00	0.00	0.00	0.05	0.34	0.30	0.17	0.05	0.05	0.04	0.00 CMS
Runoff	0.22	0.27	0.08	0.11	0.43	1.58	5.53	29.22	1.26	0.36	0.72	0.60	40.37 MCM
Momentary Peak	46.91	CMS, at 4.09 m. (A.D.), at 06.00 Hours, on Nov 18, 2005											
Runoff Yield	1.45	Liters/Second/Square KM.		Momentary Peak Yield		53.186	Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Nawarat Bridge , Chiang Mai (P.1)

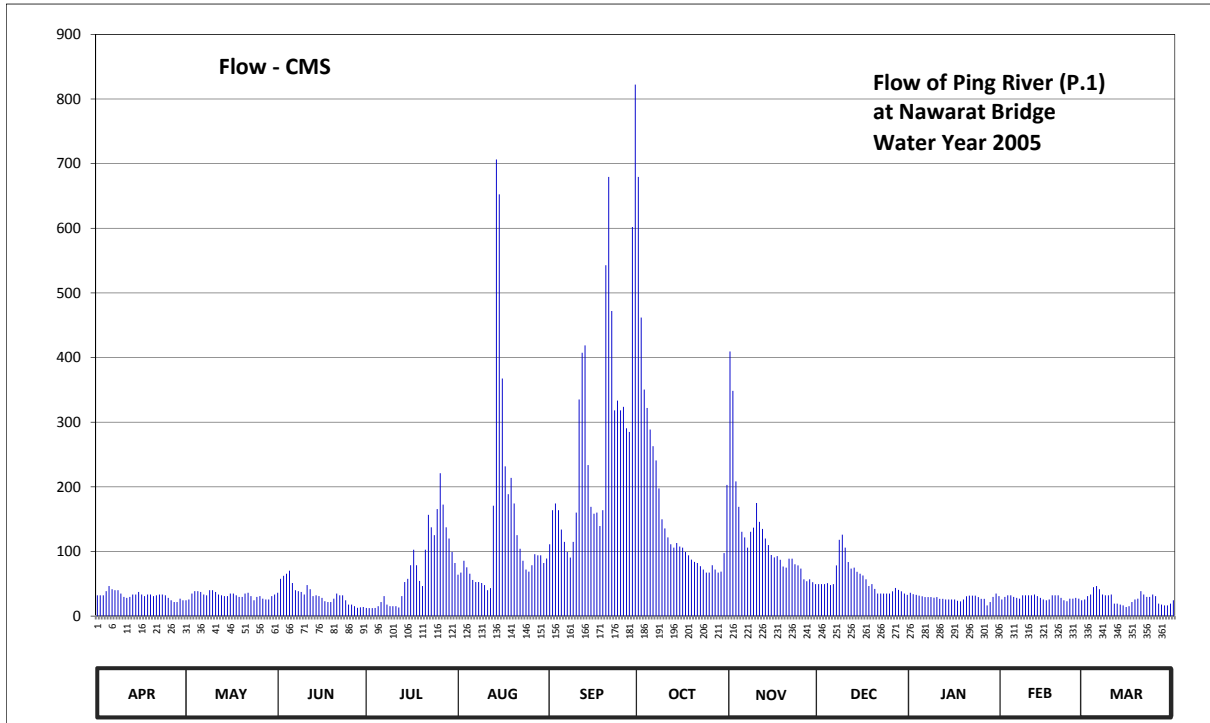
Lat 18 - 47 - 10 N Long 99 - 00 - 27 E

Location : on left bank about 100 meters downstream from Nawarat Bridge.

	Ban	Nawarat Bridge	Amphoe	Mueang	Changwat	Chiang Mai
Drainage Area	6,350	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+300.500 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank near automatic gage building				Elevation	+304.906 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1921 to date					
Rating Operation						
Period of Rating	1954 - 1960 , 1967 to date					
Rated by Flot	1936 - 1938					
Rated by Current Meter	1954 - 1960 , 1967 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow regulated by Mae Ngat Dam and Mae Taeng Weir above gage site. Phaya Kham weir situated about 2 Kilometers downstream from the gage site. Stage-discharge relation defined by 49 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	301.94	301.88	301.97	301.76	302.15	302.43	305.11	304.06	301.96	301.86	301.89	301.89	
2	301.94	301.89	302.11	301.75	302.17	302.73	304.33	303.75	301.96	301.84	301.92	301.93	
3	301.94	301.96	302.14	301.75	302.28	302.79	303.75	302.98	301.96	301.83	301.94	301.95	
4	301.99	301.99	302.16	301.76	302.22	302.73	303.60	302.76	301.97	301.82	301.94	302.03	
5	302.04	301.99	302.19	301.81	302.16	302.56	303.42	302.54	301.95	301.81	301.92	302.04	
6	302.01	301.99	302.07	301.86	302.10	302.45	303.28	302.49	301.96	301.80	301.91	302.01	
7	302.00	301.95	302.00	301.93	302.08	302.36	303.16	302.40	302.15	301.80	301.90	301.95	
8	302.00	301.94	301.99	301.83	302.08	302.31	302.92	302.42	302.36	301.80	301.94	301.94	
9	301.96	302.00	301.98	301.81	302.07	302.45	302.65	302.45	302.40	301.79	301.94	301.94	
10	301.92	302.00	301.95	301.81	302.05	302.71	302.57	302.60	302.30	301.80	301.94	301.95	
11	301.91	301.98	302.05	301.81	302.00	303.67	302.49	302.49	302.18	301.77	301.94	301.84	
12	301.92	301.95	302.01	301.78	302.02	304.05	302.43	302.44	302.12	301.77	301.95	301.84	
13	301.95	301.94	301.93	301.93	302.77	304.11	302.40	302.37	302.13	301.76	301.93	301.83	
14	301.96	301.93	301.94	302.08	305.17	303.12	302.44	302.32	302.09	301.76	301.91	301.82	
15	301.98	301.93	301.93	302.12	305.05	302.76	302.41	302.24	302.07	301.76	301.89	301.80	
16	301.96	301.96	301.91	302.24	303.84	302.70	302.40	302.22	302.05	301.76	301.88	301.81	
17	301.93	301.96	301.87	302.38	303.11	302.71	302.36	302.23	302.01	301.74	301.89	301.86	
18	301.95	301.94	301.86	302.24	302.87	302.59	302.33	302.20	301.94	301.73	301.94	301.89	
19	301.95	301.92	301.86	302.09	303.01	302.73	302.29	302.14	301.96	301.76	301.94	301.90	
20	301.93	301.92	301.91	302.04	302.79	304.70	302.27	302.13	301.91	301.81	301.94	301.99	
21	301.94	301.96	301.96	302.38	302.51	305.11	302.26	302.21	301.85	301.82	301.91	301.95	
22	301.95	301.97	301.94	302.69	302.39	304.38	302.23	302.21	301.85	301.82	301.88	301.92	
23	301.95	301.93	301.94	302.58	302.28	303.58	302.20	302.16	301.85	301.82	301.87	301.92	
24	301.94	301.88	301.88	302.51	302.20	303.66	302.17	302.15	301.85	301.80	301.90	301.95	
25	301.91	301.92	301.83	302.74	302.18	303.58	302.17	302.12	301.85	301.77	301.90	301.93	
26	301.88	301.93	301.83	303.05	302.24	303.61	302.24	302.01	301.88	301.77	301.91	301.84	
27	301.86	301.90	301.81	302.78	302.34	303.43	302.20	301.99	301.92	301.82	301.90	301.83	
28	301.86	301.89	301.77	302.58	302.33	303.40	302.17	302.01	301.90	301.86	301.88	301.82	
29	301.91	301.89	301.79	302.48	302.33	304.91	302.18	301.98	301.88	301.92	301.92	301.82	
30	301.88	301.93	301.80	302.36	302.26	305.36	302.35	301.96	301.85	301.96	301.96	301.84	
31		301.95		302.26	302.30		302.95		301.83	301.93		301.88	
Mean	301.94	301.94	301.95	302.17	302.56	303.32	302.70	302.40	302.00	301.81	301.91	301.90	
Max	302.04	302.00	302.19	303.05	305.17	305.36	305.11	304.06	302.40	301.96	301.95	302.04	305.36
Min	301.86	301.88	301.77	301.75	302.00	302.31	302.17	301.96	301.83	301.73	301.87	301.80	301.73
Annual Max Momentary Gage Height	305.43		m. (MSL.) ,				at 01.00 Hours , on Sep 30 , 2005						
Zero Gage at Bottom Elevation	300.50		m. (MSL.) ,			River Bed	299.29	m. (MSL.)					
Left Bank Elevation		307.70		m. (MSL.) ,									
Right Bank Elevation		307.70		m. (MSL.) ,		Drainage Are	6,350	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	32.20	24.40	36.10	12.60	64.00	111.25	679.50	409.40	49.50	36.10	25.70	25.70		
2	32.20	25.70	57.60	12.25	67.20	163.75	462.00	348.60	49.50	33.90	29.60	30.90		
3	32.20	34.80	62.40	12.25	85.60	174.25	350.50	208.40	49.50	32.80	32.20	33.50		
4	38.70	38.70	65.60	12.60	75.40	163.75	322.00	169.00	51.00	31.70	32.20	44.80		
5	46.40	38.70	70.40	15.30	65.60	134.00	288.70	130.50	48.00	30.60	29.60	46.40		
6	41.60	37.40	51.20	21.80	56.00	114.75	262.80	121.75	49.50	29.50	28.30	41.60		
7	40.00	33.50	40.00	30.90	52.80	99.20	240.80	106.00	78.50	29.50	27.00	33.50		
8	40.00	32.20	38.70	17.90	52.80	90.70	197.60	130.40	118.00	29.50	32.20	32.20		
9	34.80	40.00	37.40	15.30	51.20	114.75	149.75	137.00	126.00	28.55	32.20	32.20		
10	29.60	40.00	33.50	15.30	48.00	160.25	135.75	175.00	106.00	29.50	32.20	33.50		
11	28.30	37.40	48.00	15.30	40.00	335.30	121.75	145.80	83.60	26.65	32.20	19.20		
12	29.60	33.50	41.60	13.30	43.20	407.50	111.25	134.80	73.40	26.65	33.50	19.20		
13	33.50	32.20	30.90	30.90	170.75	418.90	106.00	120.00	75.10	25.70	30.90	17.90		
14	33.50	30.90	32.20	52.80	706.50	233.60	113.00	110.00	68.55	25.70	28.30	16.60		
15	37.40	30.90	30.90	57.60	652.50	169.00	107.75	94.60	65.65	25.70	25.70	14.00		
16	33.50	34.80	28.30	78.80	367.60	158.50	106.00	90.80	62.75	25.70	24.40	15.30		
17	30.90	34.80	23.10	102.60	231.80	160.25	99.20	92.70	56.95	23.80	25.70	21.80		
18	33.50	32.20	21.80	78.80	188.60	139.25	94.10	87.00	46.50	22.85	32.20	25.70		
19	33.50	29.60	21.80	54.40	213.80	163.75	87.30	76.80	49.50	25.70	32.20	27.00		
20	30.90	29.60	27.00	46.40	174.25	543.00	83.90	75.10	42.00	30.60	32.20	38.70		
21	32.20	34.80	34.80	102.60	125.25	679.50	82.20	88.90	35.00	31.70	28.30	33.50		
22	33.50	36.10	32.20	156.75	104.30	472.00	77.10	88.90	35.00	31.70	24.40	29.60		
23	33.50	30.90	32.20	137.50	85.60	318.30	72.00	80.20	35.00	31.70	23.10	29.60		
24	32.20	24.40	24.40	125.25	72.00	333.40	67.20	78.50	35.00	29.50	27.00	33.50		
25	28.30	29.60	17.90	165.50	68.80	318.30	67.20	73.40	35.00	26.65	27.00	30.90		
26	24.40	30.90	17.90	221.00	78.80	323.90	78.80	56.95	38.30	26.65	28.30	19.20		
27	21.80	27.00	15.30	172.50	95.80	290.55	72.00	54.00	43.50	16.60	27.00	17.90		
28	21.80	25.70	12.95	137.50	94.10	285.00	67.20	56.95	40.50	21.80	24.40	16.60		
29	27.00	25.70	13.65	120.00	94.10	602.10	68.80	52.50	38.30	29.60		16.60		
30	24.40	30.90	14.00	99.20	82.20	822.41	97.50	49.50	35.00	34.80		19.20		
31		33.50		82.20	89.00		203.00		32.80	30.90		24.40		
Total	971.40	1000.80	1013.80	2217.10	4397.55	8501.16	5072.65	3643.45	1752.90	882.30	808.00	840.70	31101.81	CMSDAY
Mean	32.38	32.28	33.79	71.52	141.86	283.37	163.63	121.45	56.55	28.46	28.86	27.12	85.21	CMS
Max	46.40	40.00	70.40	221.00	706.50	822.41	679.50	409.40	126.00	36.10	33.50	46.40	822.41	CMS
Min	21.80	24.40	12.95	12.25	40.00	90.70	67.20	49.50	32.80	16.60	23.10	14.00	12.25	CMS
Runoff	83.93	86.47	87.59	191.56	379.95	734.50	438.28	314.79	151.45	76.23	69.81	72.64	2687.20	MCM
Momentary Peak	867.20 CMS. at 305.43 m. (MSL.) at 01.00 Hours , on Sep 30, 2005													
Runoff Yield	13.42 Liters/Second/Square KM.			Momentary Peak Yield 136.567 Liters/Second/Square KM.										

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Tha Khae , Tak (P.2A)

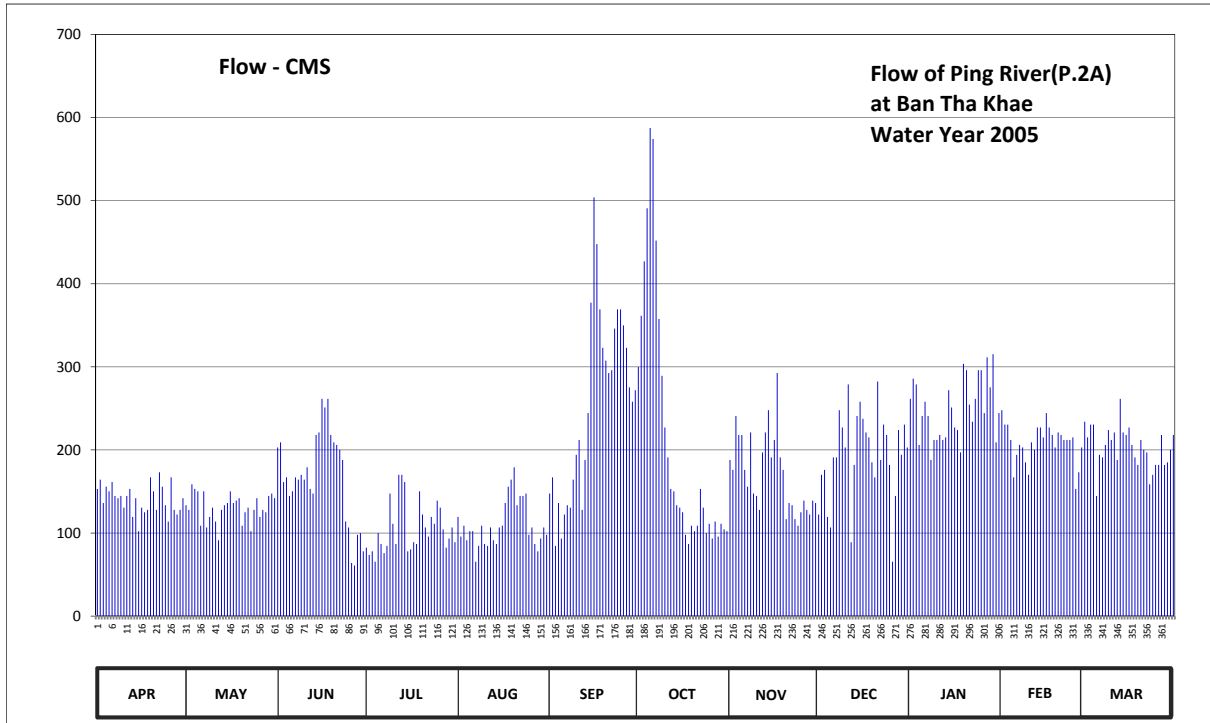
Lat 16 - 51 - 11 N Long 99 - 07 - 34 E

Location : on right bank about 200 meters downstream from Kittikhachon I Bridge.

	Ban Tha Khae	Amphoe Mueang	Changwat Tak
Drainge Area	38,681 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+104.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near automatic gage building		Elevation +116.118 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1952 to date		
Rating Operation			
Period of Rating	1952 - 1960 , 1963 - 1967 , 1971 to date		
Rated by Flot	-		
Rated by Current Meter	1952 - 1960 , 1963 - 1967 , 1971 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow regulated by Phumiphol Dam reservoir since 1964. Stage-discharge relation defined by 62 discharge measurements made in 2004.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	104.95	104.88	105.12	104.67	104.83	104.93	105.41	105.07	104.84	105.30	105.26	105.22	
2	104.99	104.86	105.14	104.63	104.73	105.00	105.57	105.03	105.01	105.37	105.21	105.16	
3	104.89	104.97	104.98	104.65	104.79	104.68	105.73	105.24	105.03	105.35	105.21	105.21	
4	104.96	104.95	105.00	104.59	104.71	104.89	105.88	105.17	104.83	105.13	105.15	105.21	
5	104.94	104.94	104.92	104.75	104.76	104.72	106.10	105.17	104.78	105.24	105.00	104.92	
6	104.98	104.79	104.94	104.69	104.76	104.84	106.07	105.03	105.08	105.29	105.09	105.09	
7	104.92	104.94	105.00	104.64	104.59	104.88	105.79	104.96	105.08	105.24	105.13	105.08	
8	104.91	104.78	104.99	104.68	104.68	104.87	105.56	105.18	105.26	105.07	105.12	105.13	
9	104.92	104.83	105.01	104.93	104.79	104.99	105.38	104.93	105.20	105.15	105.06	105.19	
10	104.87	104.87	104.99	104.80	104.69	105.09	105.20	104.92	105.12	105.15	105.01	105.15	
11	104.92	104.81	105.04	104.69	104.68	105.15	105.08	104.86	105.35	105.17	105.14	105.18	
12	104.95	104.71	104.95	105.01	104.78	104.86	104.95	105.10	104.70	105.15	105.11	105.07	
13	104.83	104.86	104.93	105.01	104.71	105.07	104.94	105.18	105.05	105.16	105.20	105.30	
14	104.91	104.88	105.17	104.98	104.69	105.25	104.88	105.26	105.24	105.33	105.20	105.18	
15	104.76	104.89	105.18	104.65	104.78	105.61	104.87	105.08	105.29	105.27	105.16	105.17	
16	104.87	104.94	105.30	104.66	104.79	105.91	104.85	105.15	105.23	105.20	105.25	105.20	
17	104.85	104.89	105.27	104.70	104.89	105.78	104.74	105.39	105.18	105.19	105.20	105.13	
18	104.86	104.90	105.30	104.69	104.96	105.59	104.69	105.08	105.16	105.10	105.17	105.08	
19	105.00	104.91	105.17	104.94	104.99	105.47	104.79	105.03	105.06	105.42	105.12	105.05	
20	104.94	104.79	105.14	104.84	105.04	105.43	104.76	104.82	105.00	105.40	105.18	105.15	
21	104.86	104.85	105.13	104.78	104.88	105.39	104.79	104.89	105.36	105.28	105.17	105.11	
22	105.02	104.87	105.11	104.73	104.92	105.40	104.95	104.88	105.07	105.22	105.15	105.10	
23	104.96	104.76	105.07	104.83	104.92	105.53	104.87	104.82	105.21	105.30	105.15	104.97	
24	104.88	104.86	104.81	104.80	104.93	105.59	104.75	104.79	105.17	105.40	105.15	105.01	
25	104.81	104.91	104.78	104.90	104.74	105.59	104.80	104.85	105.05	105.40	105.16	105.05	
26	105.00	104.83	104.58	104.87	104.78	105.54	104.72	104.90	104.59	105.25	104.95	105.05	
27	104.86	104.86	104.56	104.77	104.69	105.47	104.81	104.86	104.92	105.44	105.02	105.17	
28	104.84	104.85	104.74	104.67	104.65	105.34	104.73	104.84	105.19	105.34	105.12	105.05	
29	104.86	104.92	104.75	104.72	104.72	105.29	104.80	104.90	105.09	105.45		105.06	
30	104.91	104.93	104.65	104.78	104.78	105.33	104.77	104.89	105.21	105.14		105.11	
31		104.91		104.70	104.74		104.76		105.12	105.25		105.17	
Mean	104.91	104.87	104.99	104.77	104.79	105.25	105.10	105.01	105.08	105.26	105.14	105.12	
Max	105.02	104.97	105.30	105.01	105.04	105.91	106.10	105.39	105.36	105.45	105.26	105.30	106.10
Min	104.76	104.71	104.56	104.59	104.59	104.68	104.69	104.79	104.59	105.07	104.95	104.92	104.56
Annual Max Momentary Gage Height	106.18		m. (MSL.) ,			at 06.00 Hours, on Oct 6, 2005							
Zero Gage at Bottom Elevation	104.00		m. (MSL.) ,			River Bed	104.05	m. (MSL.)					
Left Bank Elevation		115.88		m. (MSL.) ,									
Right Bank Elevation		115.87		m. (MSL.) ,		Drainage Are	38,681	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	153.00	133.40	203.00	82.40	119.40	147.40	299.85	188.00	122.20	261.50	247.70	233.90		
2	164.20	127.80	209.00	73.60	95.60	167.00	361.45	176.00	170.00	285.65	230.45	215.00		
3	136.20	158.60	161.40	78.00	108.80	84.60	426.95	240.80	176.00	278.75	230.45	230.45		
4	155.80	153.00	167.00	65.45	91.20	136.20	490.80	218.00	119.40	206.00	212.00	230.45		
5	150.20	150.20	144.60	100.00	102.20	93.40	587.50	218.00	106.60	240.80	167.00	144.60		
6	161.40	108.80	150.20	86.80	102.20	122.20	574.15	176.00	191.00	258.05	194.00	194.00		
7	144.60	150.20	167.00	75.80	65.45	133.40	451.85	155.80	191.00	240.80	206.00	191.00		
8	141.80	106.60	164.20	84.60	84.60	130.60	357.60	221.00	247.70	188.00	203.00	206.00		
9	144.60	119.40	170.00	147.40	108.80	164.20	289.10	147.40	227.00	212.00	185.00	224.00		
10	130.60	130.60	164.20	111.00	86.80	194.00	227.00	144.60	203.00	212.00	170.00	212.00		
11	144.60	113.80	179.00	86.80	84.60	212.00	191.00	127.80	278.75	218.00	209.00	221.00		
12	153.00	91.20	153.00	170.00	106.60	127.80	153.00	197.00	89.00	212.00	200.00	188.00		
13	119.40	127.80	147.40	170.00	91.20	188.00	150.20	221.00	182.00	215.00	227.00	261.50		
14	141.80	133.40	218.00	161.40	86.80	244.25	133.40	247.70	240.80	271.85	227.00	221.00		
15	102.20	136.20	221.00	78.00	106.60	377.15	130.60	191.00	258.05	251.15	215.00	218.00		
16	130.60	150.20	261.50	80.20	108.80	503.85	125.00	212.00	237.35	227.00	244.25	227.00		
17	125.00	136.20	251.15	89.00	136.20	447.70	97.80	292.55	221.00	224.00	227.00	206.00		
18	127.80	139.00	261.50	86.80	155.80	369.15	86.80	191.00	215.00	197.00	218.00	191.00		
19	167.00	141.80	218.00	150.20	164.20	322.95	108.80	176.00	185.00	303.70	203.00	182.00		
20	150.20	108.80	209.00	122.20	179.00	307.55	102.20	116.60	167.00	296.00	221.00	212.00		
21	127.80	125.00	206.00	106.60	133.40	292.55	108.80	136.20	282.20	254.60	218.00	200.00		
22	173.00	130.60	200.00	95.60	144.60	296.00	153.00	133.40	188.00	233.90	212.00	197.00		
23	155.80	102.20	188.00	119.40	144.60	346.05	130.60	116.60	230.45	261.50	212.00	158.60		
24	133.40	127.80	113.80	111.00	147.40	369.15	100.00	108.80	218.00	296.00	212.00	170.00		
25	113.80	141.80	106.60	139.00	97.80	369.15	111.00	125.00	182.00	296.00	215.00	182.00		
26	167.00	119.40	63.90	130.60	106.60	349.90	93.40	139.00	65.45	244.25	153.00	182.00		
27	127.80	127.80	60.80	104.40	86.80	322.95	113.80	127.80	144.60	311.40	173.00	218.00		
28	122.20	125.00	97.80	82.40	78.00	275.30	95.60	122.20	224.00	275.30	203.00	182.00		
29	127.80	144.60	100.00	93.40	93.40	258.05	111.00	139.00	194.00	315.25		185.00		
30	141.80	147.40	78.00	106.60	106.60	271.85	104.40	136.20	230.45	209.00		200.00		
31		141.80		89.00	97.80		102.20		203.00	244.25		218.00		
Total	4234.40	4050.40	5035.05	3277.65	3421.85	7624.35	6568.85	5142.45	5990.00	7740.70	5834.85	6301.50	65222.05	CMSDAY
Mean	141.15	130.66	167.83	105.73	110.38	254.14	211.90	171.42	193.23	249.70	208.39	203.27	178.69	CMS
Max	173.00	158.60	261.50	170.00	179.00	503.85	587.50	292.55	282.20	315.25	247.70	261.50	587.50	CMS
Min	102.20	91.20	60.80	65.45	65.45	84.60	86.80	108.80	65.45	188.00	153.00	144.60	60.80	CMS
Runoff	365.85	349.96	435.03	283.19	295.65	658.74	567.55	444.31	517.54	668.80	504.13	544.45	5635.19	MCM
Momentary Peak	623.10 CMS. at 106.18 m. (MSL.) at 06.00 Hours , on Oct 6, 2005													
Runoff Yield	4.62 Liters/Second/Square KM. Momentary Peak Yield 16,109 Liters/Second/Square KM.													

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Taeng at Ban Mae Taeng , Chiang Mai (P.4A)

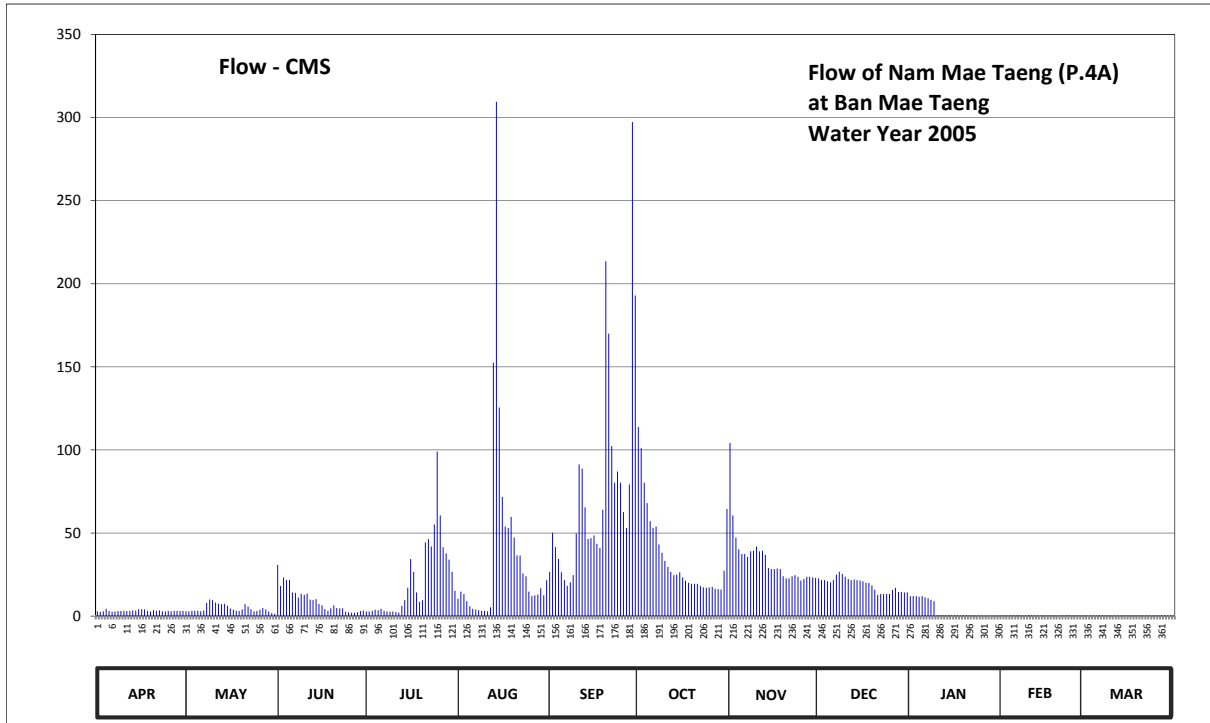
Lat 19 - 07 - 15 N Long 98 - 56 - 53 E

Location : on right bank at the bridge of Chiang Mai from Fang Highway.

	Ban Mae Taeng	Amphoe Mae Taeng	Changwat Chiang Mai
Drainage Area	1,930 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+334.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In the vicinity of Amphoe Mae Taeng office	Elevation	+339.946 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1955 to date		
Rating Operation			
Period of Rating	1955 - 1960 , 1967 to date		
Rated by Flot	-		
Rated by Current Meter	1955 - 1960 , 1967 to date		
Stability of Channel Regimes	Rather unstable by some silting.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Mae Taeng weir about 7 kilometers above gage site. Stage-discharge relation defined by 28 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	334.46	334.47	335.82	334.46	335.12	335.70	337.39	337.31	335.58	335.20	334.94	334.92	
2	334.44	334.47	335.44	334.46	335.31	336.29	337.27	336.54	335.55	335.20	334.93	334.92	
3	334.47	334.49	335.60	334.49	335.25	336.08	336.93	336.22	335.55	335.20	334.94	334.92	
4	334.60	334.49	335.55	334.55	335.01	335.91	336.70	336.05	335.53	335.18	334.96	334.92	
5	334.48	334.49	335.55	334.53	334.74	335.69	336.46	335.98	335.51	335.20	334.96	334.92	
6	334.44	334.47	335.29	334.60	334.60	335.55	336.36	335.98	335.55	335.17	334.96	334.92	
7	334.46	334.51	335.28	334.49	334.56	335.44	336.38	335.94	335.65	335.14	334.96	334.91	
8	334.48	334.91	335.16	334.46	334.53	335.51	336.12	336.02	335.70	335.08	334.94	334.90	
9	334.48	335.10	335.26	334.45	334.49	335.64	336.00	336.03	335.66	335.01	334.93	334.90	
10	334.49	335.07	335.23	334.46	334.49	336.28	335.88	336.09	335.61	334.99	334.95	334.91	
11	334.48	334.94	335.26	334.43	334.47	337.12	335.79	336.02	335.57	334.98	334.95	334.90	
12	334.48	334.88	335.09	334.40	334.68	337.08	335.70	336.03	335.55	334.98	334.93	334.91	
13	334.51	334.85	335.07	334.75	337.61	336.65	335.64	335.97	335.56	334.98	334.93	334.91	
14	334.51	334.87	335.11	335.07	338.19	336.20	335.65	335.77	335.55	334.98	334.93	334.90	
15	334.58	334.77	334.86	335.40	337.47	336.21	335.69	335.75	335.54	334.97	334.92	334.90	
16	334.58	334.62	334.78	335.91	336.77	336.25	335.60	335.75	335.53	334.96	334.92	334.90	
17	334.57	334.56	334.59	335.70	336.38	336.13	335.54	335.76	335.50	334.95	334.92	334.90	
18	334.49	334.50	334.50	335.29	336.36	336.07	335.50	335.75	335.50	334.93	334.92	334.91	
19	334.46	334.48	334.63	334.97	336.52	336.62	335.48	335.62	335.45	334.91	334.93	334.91	
20	334.53	334.57	334.78	335.07	336.22	337.85	335.48	335.58	335.35	334.89	334.92	334.91	
21	334.49	334.85	334.64	336.15	335.96	337.68	335.48	335.58	335.23	334.89	334.91	334.91	
22	334.52	334.72	334.63	336.20	335.96	337.29	335.44	335.62	335.25	334.89	334.93	334.90	
23	334.47	334.58	334.63	336.09	335.67	336.93	335.41	335.64	335.25	334.89	334.95	334.90	
24	334.46	334.47	334.45	336.41	335.62	337.05	335.40	335.61	335.25	334.88	334.96	334.89	
25	334.48	334.48	334.42	337.24	335.31	336.93	335.41	335.54	335.25	334.85	334.94	334.89	
26	334.47	334.55	334.39	336.54	335.20	336.59	335.42	335.57	335.35	334.85	334.94	334.89	
27	334.49	334.65	334.39	336.08	335.22	336.36	335.38	335.61	335.40	334.85	334.92	334.88	
28	334.49	334.57	334.42	335.99	335.24	336.91	335.37	335.61	335.30	334.85	334.93	334.89	
29	334.48	334.46	334.48	335.90	335.39	338.15	335.36	335.60	335.30	334.85		334.90	
30	334.49	334.37	334.51	335.70	335.22	337.77	335.72	335.59	335.29	334.85		334.88	
31		334.33		335.33	335.55		336.63		335.29	334.85		334.90	
Mean	334.49	334.63	334.93	335.28	335.58	336.53	335.89	335.87	335.46	334.98	334.94	334.90	
Max	334.60	335.10	335.82	337.24	338.19	338.15	337.39	337.31	335.70	335.20	334.96	334.92	338.19
Min	334.44	334.33	334.39	334.40	334.47	335.44	335.36	335.54	335.23	334.85	334.91	334.88	334.33
Annual Max Momentary Gage Height	338.64		m. (MSL.) ,				at 18.00 Hours ,						on Aug 13 , 2005
Zero Gage at Bottom Elevation	334.00		m. (MSL.) ,				River Bed	334.24		m. (MSL.)			
Left Bank Elevation	339.85		m. (MSL.) ,										
Right Bank Elevation	339.83		m. (MSL.) ,			Drainage Are	1,930		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.80	2.91	30.80	2.80	10.40	26.67	113.80	104.20	22.67	12.00	0.41	0.38		
2	2.58	2.91	18.20	2.80	14.75	50.16	101.05	60.51	21.67	12.00	0.39	0.38		
3	2.91	3.14	23.33	3.14	13.25	41.46	80.27	47.26	21.67	12.00	0.41	0.38		
4	4.38	3.14	21.67	3.81	8.99	34.41	68.00	40.21	21.00	11.60	0.44	0.38		
5	3.03	3.14	21.67	3.59	5.95	26.33	57.20	37.31	20.33	12.00	0.44	0.38		
6	2.58	2.91	14.25	4.38	4.38	21.67	53.06	37.31	21.67	11.40	0.44	0.38		
7	2.80	3.36	14.00	3.14	3.93	18.20	53.89	35.66	25.00	10.80	0.44	0.37		
8	3.03	7.86	11.20	2.80	3.59	20.33	43.11	38.97	26.67	9.77	0.41	0.35		
9	3.03	10.00	13.50	2.69	3.14	24.67	38.14	39.39	25.33	8.99	0.39	0.35		
10	3.14	9.66	12.75	2.80	3.14	49.74	33.20	41.87	23.67	0.48	0.43	0.37		
11	3.03	8.20	13.50	2.46	2.91	91.30	29.67	38.97	22.33	0.47	0.43	0.35		
12	3.03	7.53	9.89	2.13	5.27	88.80	26.67	39.39	21.67	0.47	0.39	0.37		
13	3.36	7.19	9.66	6.06	152.49	65.50	24.67	36.90	22.00	0.47	0.39	0.37		
14	3.36	7.41	10.20	9.66	309.45	46.43	25.00	29.00	21.67	0.47	0.39	0.35		
15	4.15	6.29	7.30	17.00	125.50	46.84	26.33	28.33	21.33	0.46	0.38	0.35		
16	4.15	4.60	6.40	34.41	71.73	48.50	23.33	28.33	21.00	0.44	0.38	0.35		
17	4.04	3.93	4.26	26.67	53.89	43.53	21.33	28.67	20.00	0.43	0.38	0.35		
18	3.14	3.25	3.25	14.25	53.06	41.04	20.00	28.33	20.00	0.39	0.38	0.37		
19	2.80	3.03	4.71	8.54	59.69	64.00	19.40	24.00	18.50	0.37	0.39	0.37		
20	3.59	4.04	6.40	9.66	47.26	213.50	19.40	22.67	15.75	0.34	0.38	0.37		
21	3.14	7.19	4.83	44.36	36.49	170.00	19.40	22.67	12.75	0.34	0.37	0.37		
22	3.47	5.73	4.71	46.43	36.49	102.35	18.20	24.00	13.25	0.34	0.39	0.35		
23	2.91	4.15	4.71	41.87	25.67	80.27	17.30	24.67	13.25	0.34	0.43	0.35		
24	2.80	2.91	2.69	55.13	24.00	87.00	17.00	23.67	13.25	0.33	0.44	0.34		
25	3.03	3.03	2.35	99.10	14.75	80.27	17.30	21.33	13.25	0.30	0.41	0.34		
26	2.91	3.81	2.01	60.51	12.00	62.59	17.60	22.33	15.75	0.30	0.41	0.34		
27	3.14	4.94	2.01	41.46	12.50	53.06	16.50	23.67	17.00	0.30	0.38	0.33		
28	3.14	4.04	2.35	37.73	13.00	79.20	16.25	23.67	14.50	0.30	0.39	0.34		
29	3.03	2.80	3.03	34.00	16.75	297.25	16.00	23.33	14.50	0.30		0.35		
30	3.14	1.79	3.36	26.67	12.50	192.96	27.33	23.00	14.25	0.30		0.33		
31		1.34		15.25	21.67		64.50		14.25	0.30		0.35		
Total	95.64	146.23	288.99	665.30	1178.59	2268.03	1124.90	1019.62	589.93	108.80	11.31	11.11	7508.45	CMSDAY
Mean	3.19	4.72	9.63	21.46	38.02	75.60	36.29	33.99	19.03	3.51	0.40	0.36	20.57	CMS
Max	4.38	10.00	30.80	99.10	309.45	297.25	113.80	104.20	26.67	12.00	0.44	0.38	309.45	CMS
Min	2.58	1.34	2.01	2.13	2.91	18.20	16.00	21.33	12.75	0.30	0.37	0.33	0.30	CMS
Runoff	8.26	12.63	24.97	57.48	101.83	195.96	97.19	88.10	50.97	9.40	0.98	0.96	648.73	MCM
Momentary Peak	451.60 CMS. at 338.64 m. (MSL.) at 18.00 Hours , on Aug 13 , 2005													
Runoff Yield	10.66 Liters/Second/Square KM.			Momentary Peak Yield				233.990 Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Huai Yang , Kamphaeng Phet (P.7A)

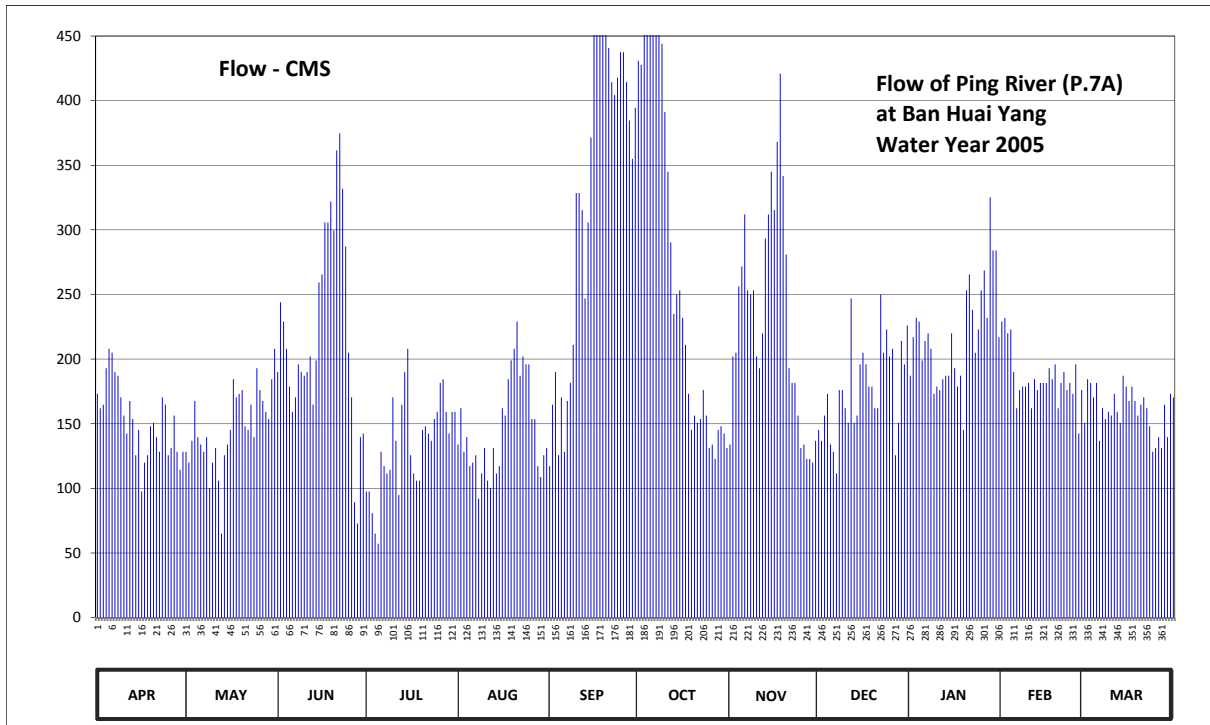
Lat 16 - 28 - 41 N Long 99 - 31 - 19 E

Location : on left bank about 100 meters upstream from the bridge on highway.

	Ban Huai Yang	Amphoe Mueang	Changwat Kamphaeng Phet
Drainage Area	42,464 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+71.730 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage observers house.	Elevation	+77.717 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1960 to date		
Rating Operation			
Period of Rating	1960 - 1961 , 1967 to date		
Rated by Flot	-		
Rated by Current Meter	1960 - 1961 , 1967 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow regulated by Phumiphol Dam reservoir above gage site. Stage-discharge relation defined by 59 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	72.34	72.18	72.40	72.07	72.20	72.14	73.16	72.20	72.24	72.39	72.53	72.26	
2	72.30	72.15	72.58	72.07	72.30	72.31	73.15	72.44	72.21	72.49	72.54	72.38	
3	72.31	72.21	72.53	72.01	72.18	72.40	73.23	72.45	72.28	72.54	72.50	72.37	
4	72.41	72.32	72.46	71.95	72.22	72.17	73.37	72.62	72.34	72.53	72.51	72.33	
5	72.46	72.22	72.36	71.92	72.14	72.33	73.52	72.67	72.20	72.43	72.40	72.37	
6	72.45	72.20	72.29	72.18	72.15	72.18	73.67	72.80	72.18	72.48	72.30	72.21	
7	72.40	72.18	72.33	72.14	72.17	72.32	73.61	72.61	72.12	72.50	72.35	72.30	
8	72.39	72.22	72.42	72.12	72.05	72.37	73.38	72.60	72.35	72.46	72.36	72.27	
9	72.33	72.08	72.40	72.13	72.12	72.47	73.20	72.61	72.35	72.34	72.36	72.29	
10	72.28	72.15	72.39	72.33	72.19	72.85	73.04	72.44	72.30	72.36	72.37	72.28	
11	72.23	72.19	72.40	72.21	72.10	72.85	72.90	72.41	72.26	72.35	72.30	72.34	
12	72.32	72.10	72.44	72.06	72.08	72.81	72.73	72.50	72.59	72.38	72.38	72.29	
13	72.27	71.95	72.31	72.31	72.19	72.59	72.55	72.74	72.26	72.39	72.35	72.26	
14	72.17	72.17	72.43	72.40	72.12	72.78	72.60	72.80	72.28	72.39	72.37	72.39	
15	72.24	72.20	72.63	72.46	72.14	72.98	72.61	72.90	72.42	72.50	72.37	72.36	
16	72.07	72.24	72.65	72.17	72.30	73.64	72.54	72.81	72.45	72.41	72.37	72.32	
17	72.15	72.38	72.78	72.12	72.28	73.84	72.47	72.97	72.42	72.36	72.41	72.36	
18	72.17	72.33	72.78	72.10	72.38	73.64	72.34	73.13	72.36	72.39	72.38	72.32	
19	72.25	72.34	72.83	72.10	72.43	73.36	72.24	72.89	72.36	72.24	72.42	72.28	
20	72.26	72.35	72.76	72.24	72.46	73.25	72.28	72.70	72.30	72.61	72.30	72.31	
21	72.22	72.25	72.95	72.25	72.53	73.19	72.26	72.41	72.30	72.65	72.37	72.33	
22	72.18	72.24	72.99	72.23	72.39	73.11	72.27	72.37	72.60	72.56	72.40	72.30	
23	72.33	72.31	72.86	72.21	72.44	73.08	72.35	72.37	72.45	72.45	72.35	72.25	
24	72.31	72.22	72.72	72.27	72.42	73.12	72.28	72.28	72.51	72.51	72.37	72.18	
25	72.17	72.41	72.45	72.29	72.42	73.18	72.19	72.19	72.44	72.61	72.34	72.19	
26	72.19	72.35	72.33	72.37	72.27	73.18	72.20	72.20	72.46	72.66	72.42	72.22	
27	72.28	72.32	72.04	72.38	72.27	73.11	72.16	72.16	72.17	72.54	72.23	72.19	
28	72.18	72.29	71.98	72.29	72.14	73.02	72.24	72.16	72.26	72.84	72.35	72.31	
29	72.13	72.27	72.22	72.23	72.11	72.93	72.25	72.15	72.48	72.71		72.22	
30	72.18	72.38	72.23	72.29	72.17	73.05	72.23	72.21	72.42	72.71		72.34	
31		72.46		72.29	72.19		72.19		72.52	72.49		72.33	
Mean	72.27	72.25	72.50	72.20	72.24	72.88	72.68	72.53	72.35	72.49	72.38	72.30	
Max	72.46	72.46	72.99	72.46	72.53	73.84	73.67	73.13	72.60	72.84	72.54	72.39	73.84
Min	72.07	71.95	71.98	71.92	72.05	72.14	72.16	72.15	72.12	72.24	72.23	72.18	71.92
Annual Max Momentary Gage Height	73.94		m. (MSL.) ,				at 23.00 Hours , on Sep 16 , 2005						
Zero Gage at Bottom Elevation	71.73		m. (MSL.) ,				River Bed 70.06		m. (MSL.)				
Left Bank Elevation		82.44		m. (MSL.) ,									
Right Bank Elevation		84.56		m. (MSL.) ,		Drainage Are	42,464		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	173.20	128.40	190.00	97.60	134.00	117.20	430.80	134.00	145.20	187.20	229.00	150.80	
2	162.00	120.00	244.00	97.60	162.00	164.80	427.50	202.00	136.80	217.00	232.00	184.40	
3	164.80	136.80	229.00	80.80	128.40	190.00	454.35	205.00	156.40	232.00	220.00	181.60	
4	193.00	167.60	208.00	65.00	139.60	125.60	502.65	256.20	173.20	229.00	223.00	170.40	
5	208.00	139.60	178.80	57.20	117.20	170.40	555.60	271.70	134.00	199.00	190.00	181.60	
6	205.00	134.00	159.20	128.40	120.00	128.40	609.20	312.00	128.40	214.00	162.00	136.80	
7	190.00	128.40	170.40	117.20	125.60	167.60	587.60	253.10	111.60	220.00	176.00	162.00	
8	187.20	139.60	196.00	111.60	92.00	181.60	506.10	250.00	176.00	208.00	178.80	153.60	
9	170.40	100.40	190.00	114.40	111.60	211.00	444.00	253.10	176.00	173.20	178.80	159.20	
10	156.40	120.00	187.20	170.40	131.20	328.50	391.20	202.00	162.00	178.80	181.60	156.40	
11	142.40	131.20	190.00	136.80	106.00	328.50	345.00	193.00	150.80	176.00	162.00	173.20	
12	167.60	106.00	202.00	94.80	100.40	315.30	290.30	220.00	247.00	184.40	184.40	159.20	
13	153.60	65.00	164.80	164.80	131.20	247.00	235.00	293.40	150.80	187.20	176.00	150.80	
14	125.60	125.60	199.00	190.00	111.60	305.80	250.00	312.00	156.40	187.20	181.60	187.20	
15	145.20	134.00	259.30	208.00	117.20	371.40	253.10	345.00	196.00	220.00	181.60	178.80	
16	97.60	145.20	265.50	125.60	162.00	598.40	232.00	315.30	205.00	193.00	181.60	167.60	
17	120.00	184.40	305.80	111.60	156.40	670.80	211.00	368.10	196.00	178.80	193.00	178.80	
18	125.60	170.40	305.80	106.00	184.40	598.40	173.20	420.90	178.80	187.20	184.40	167.60	
19	148.00	173.20	321.90	106.00	199.00	499.20	145.20	341.70	178.80	145.20	196.00	156.40	
20	150.80	176.00	299.60	145.20	208.00	461.25	156.40	281.00	162.00	253.10	162.00	164.80	
21	139.60	148.00	361.50	148.00	229.00	440.70	150.80	193.00	162.00	265.50	181.60	170.40	
22	128.40	145.20	374.70	142.40	187.20	414.30	153.60	181.60	250.00	238.00	190.00	162.00	
23	170.40	164.80	331.80	136.80	202.00	404.40	176.00	181.60	205.00	205.00	176.00	148.00	
24	164.80	139.60	287.20	153.60	196.00	417.60	156.40	156.40	223.00	223.00	181.60	128.40	
25	125.60	193.00	205.00	159.20	196.00	437.40	131.20	131.20	202.00	253.10	173.20	131.20	
26	131.20	176.00	170.40	181.60	153.60	437.40	134.00	134.00	208.00	268.60	196.00	139.60	
27	156.40	167.60	89.20	184.40	153.60	414.30	122.80	122.80	125.60	232.00	142.40	131.20	
28	128.40	159.20	72.80	159.20	117.20	384.60	145.20	122.80	150.80	325.20	176.00	164.80	
29	114.40	153.60	139.60	142.40	108.80	354.90	148.00	120.00	214.00	284.10		139.60	
30	128.40	184.40	142.40	159.20	125.60	394.50	142.40	136.80	196.00	284.10		173.20	
31		208.00		159.20	131.20		131.20		226.00	217.00		170.40	
Total	4574.00	4565.20	6640.90	4155.00	4538.00	10281.25	8791.80	6909.70	5483.60	6765.90	5190.60	4980.00	72875.95
Mean	152.47	147.26	221.36	134.03	146.39	342.71	283.61	230.32	176.89	218.25	185.38	160.65	199.66
Max	208.00	208.00	374.70	208.00	229.00	670.80	609.20	420.90	250.00	325.20	232.00	187.20	670.80
Min	97.60	65.00	72.80	57.20	92.00	117.20	122.80	120.00	111.60	145.20	142.40	128.40	57.20
Runoff	395.19	394.43	573.77	358.99	392.08	888.30	759.61	597.00	473.78	584.57	448.47	430.27	6296.48
Momentary Peak		707.80	CMS. at 73.94 m. (MSL.)		at 23.00 Hours ,		on Sep 16, 2005						
Runoff Yield		4.70	Liters/Second/Square KM.		Momentary Peak Yield		16.668	Liters/Second/Square KM.					

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Yanree , Tak (P.12C)

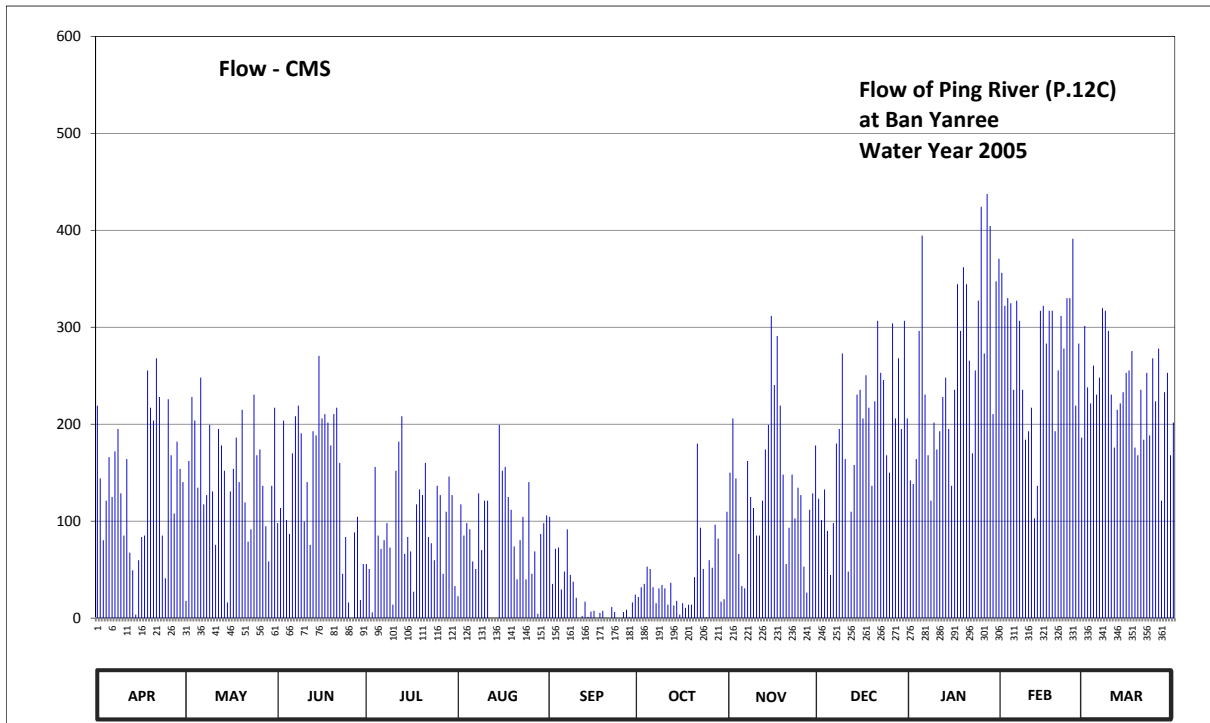
Lat 17 - 14 - 17 N Long 99 - 01 - 32 E

Location : on right bank about 3 kilometers from Phumiphol Dam reservoir.

	Ban Yanree	Amphoe Sam Ngao	Changwat Tak
Drainage Area	26,241 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+129.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the pier of the bridge.		Elevation +136.995 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1995 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow regulated by Phumiphol Dam reservoir downstream from the gage site. Stage-discharge relation defined by 40 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.96	129.71	130.35	130.06	129.77	130.39	129.76	130.63	130.49	130.59	131.49	131.29	
2	130.60	130.69	130.44	130.02	130.46	129.89	129.86	130.90	130.37	130.57	131.37	131.04	
3	130.24	131.00	130.89	129.53	130.27	130.18	129.89	130.60	130.54	130.70	131.40	130.97	
4	130.48	130.89	130.37	130.66	130.35	130.19	130.04	130.14	130.30	131.27	131.38	131.13	
5	130.71	130.55	130.28	130.27	130.31	129.84	130.02	129.87	129.97	131.62	131.03	131.01	
6	130.50	131.08	130.73	130.18	130.08	130.00	129.86	129.85	130.35	131.01	131.39	131.08	
7	130.74	130.46	130.91	130.24	130.02	130.31	129.68	130.69	130.78	130.72	131.31	131.36	
8	130.85	130.51	130.96	130.35	130.52	129.97	129.85	130.50	130.85	130.48	131.03	131.35	
9	130.52	130.87	130.83	130.19	130.17	129.91	129.88	130.44	131.18	130.88	130.80	131.27	
10	130.27	130.53	130.36	129.66	130.48	129.75	129.85	130.27	130.70	130.75	130.84	131.01	
11	130.70	130.21	130.58	130.64	130.48	129.07	129.66	130.27	130.00	130.84	130.95	130.76	
12	130.15	130.85	130.21	130.79	129.20	129.45	129.90	130.48	130.42	131.00	130.38	130.94	
13	130.01	130.77	130.84	130.91	129.05	129.70	129.65	130.75	130.67	131.08	130.56	130.97	
14	129.48	130.64	130.82	130.14	129.13	129.43	129.71	130.87	131.01	130.85	131.35	131.02	
15	130.09	129.69	131.17	130.26	130.87	129.55	129.48	131.33	131.03	130.56	131.37	131.10	
16	130.26	130.53	130.90	130.16	130.64	129.57	129.68	131.05	130.90	131.03	131.22	131.11	
17	130.27	130.65	130.92	129.82	130.66	129.19	129.62	131.25	131.09	131.45	131.35	131.19	
18	131.11	130.81	130.88	130.46	130.50	129.52	129.66	130.96	130.95	131.27	131.35	130.76	
19	130.95	130.58	130.77	130.54	130.43	129.57	129.66	130.62	130.56	131.51	130.84	130.72	
20	130.89	130.94	130.92	130.51	130.20	129.10	129.95	130.06	130.98	131.45	131.11	131.03	
21	131.16	130.47	130.95	130.68	129.93	129.08	130.78	130.32	131.31	131.15	131.33	130.80	
22	131.00	130.23	130.68	130.26	130.24	129.63	130.32	130.62	131.10	130.73	131.20	131.10	
23	130.27	130.31	129.98	130.22	130.39	129.54	130.02	130.38	131.07	131.11	131.40	130.82	
24	129.94	131.01	130.26	130.09	129.93	129.10	129.42	130.55	130.72	131.39	131.40	131.16	
25	130.99	130.72	129.69	130.56	130.58	129.10	130.09	130.51	130.63	131.71	131.61	130.98	
26	130.72	130.75	129.35	130.51	129.98	129.54	130.03	130.04	131.30	131.18	130.96	131.20	
27	130.41	130.56	130.29	129.98	130.16	129.59	130.34	129.81	130.90	131.75	131.22	130.48	
28	130.79	130.33	130.39	130.42	129.50	129.42	130.25	130.43	131.16	131.65	130.81	131.02	
29	130.65	130.08	129.72	130.61	130.28	129.69	129.70	130.52	130.85	130.92		131.10	
30	130.58	130.56	130.06	130.51	130.35	129.79	129.73	130.77	131.31	131.46		130.72	
31		130.95		129.87	130.40		130.42		130.90	131.54		130.88	
Mean	130.54	130.58	130.52	130.29	130.17	129.64	129.90	130.52	130.79	131.10	131.16	131.01	
Max	131.16	131.08	131.17	130.91	130.87	130.39	130.78	131.33	131.31	131.75	131.61	131.36	131.75
Min	129.48	129.69	129.35	129.53	129.05	129.07	129.42	129.81	129.97	130.48	130.38	130.48	129.05
Annual Max Momentary Gage Height	132.65		m. (MSL.) ,				at 12.00 Hours ,		on Jan 23 , 2005				
Zero Gage at Bottom Elevation	129.00		m. (MSL.) ,			River Bed	127.61		m. (MSL.)				
Left Bank Elevation		133.26		m. (MSL.) ,									
Right Bank Elevation		134.32		m. (MSL.) ,		Drainage Are	26,241		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	219.20	17.80	98.00	55.80	22.60	104.40	21.80	150.00	123.10	142.10	356.10	301.40		
2	144.00	162.00	113.60	50.60	117.40	35.35	31.90	206.00	101.20	138.30	322.20	238.00		
3	80.40	228.00	203.80	5.85	85.20	71.40	35.35	144.00	132.60	164.00	330.00	221.40		
4	121.20	203.80	101.20	156.00	98.00	72.70	53.20	66.20	90.00	296.20	324.80	260.50		
5	166.00	134.50	86.80	85.20	91.60	29.60	50.60	33.05	44.55	394.60	235.50	230.50		
6	125.00	248.00	170.00	71.40	58.40	48.00	31.90	30.75	98.00	230.50	327.40	248.00		
7	172.00	117.40	208.20	80.40	50.60	91.60	15.40	162.00	180.00	168.00	306.60	319.60		
8	195.00	126.90	219.20	98.00	128.80	44.55	30.75	125.00	195.00	121.20	235.50	317.00		
9	128.80	199.40	190.60	72.70	70.10	37.65	34.20	113.60	273.00	201.60	184.00	296.20		
10	85.20	130.70	99.60	13.80	121.20	21.00	30.75	85.20	164.00	174.00	192.80	230.50		
11	164.00	75.60	140.20	152.00	121.20	0.00	13.80	85.20	48.00	192.80	217.00	176.00		
12	67.50	195.00	75.60	182.00	0.00	2.25	36.50	121.20	109.80	228.00	102.80	214.80		
13	49.30	178.00	192.80	208.20	0.00	17.00	13.00	174.00	158.00	248.00	136.40	221.40		
14	3.60	152.00	188.40	66.20	0.00	1.35	17.80	199.40	230.50	195.00	317.00	233.00		
15	59.70	16.20	270.50	83.60	199.40	6.75	3.60	311.80	235.50	136.40	322.20	253.00		
16	83.60	130.70	206.00	68.80	152.00	7.65	15.40	240.50	206.00	235.50	283.20	255.50		
17	85.20	154.00	210.40	27.30	156.00	0.00	10.60	291.00	250.50	344.50	317.00	275.50		
18	255.50	186.20	201.60	117.40	125.00	5.40	13.80	219.20	217.00	296.20	317.00	176.00		
19	217.00	140.20	178.00	132.60	111.70	7.65	13.80	148.00	136.40	361.90	192.80	168.00		
20	203.80	214.80	210.40	126.90	74.00	0.00	42.25	55.80	223.60	344.50	255.50	235.50		
21	268.00	119.30	217.00	160.00	39.95	0.00	180.00	93.20	306.60	265.50	311.80	184.00		
22	228.00	78.80	160.00	83.60	80.40	11.40	93.20	148.00	253.00	170.00	278.00	253.00		
23	85.20	91.60	45.70	77.20	104.40	6.30	50.60	102.80	245.50	255.50	330.00	188.40		
24	41.10	230.50	83.60	59.70	39.95	0.00	0.90	134.50	168.00	327.40	330.00	268.00		
25	225.80	168.00	16.20	136.40	140.20	0.00	59.70	126.90	150.00	424.30	391.30	223.60		
26	168.00	174.00	0.00	126.90	45.70	6.30	51.90	53.20	304.00	273.00	219.20	278.00		
27	107.90	136.40	88.40	45.70	68.80	8.55	96.40	26.15	206.00	437.50	283.20	121.20		
28	182.00	94.80	104.40	109.80	4.50	0.90	82.00	111.70	268.00	404.50	186.20	233.00		
29	154.00	58.40	18.60	146.00	86.80	16.20	17.00	128.80	195.00	210.40		253.00		
30	140.20	136.40	55.80	126.90	98.00	24.20	19.40	178.00	306.60	347.40		168.00		
31		217.00		33.05	106.00		109.80		206.00	370.60		201.60		
Total	4226.20	4516.40	4154.60	2960.00	2597.90	678.15	1277.30	4065.15	5825.45	8099.40	7605.50	7243.60	53249.65	CMSDAY
Mean	140.87	145.69	138.49	95.48	83.80	22.61	41.20	135.50	187.92	261.27	271.63	233.66	145.89	CMS
Max	268.00	248.00	270.50	208.20	199.40	104.40	180.00	311.80	306.60	437.50	391.30	319.60	437.50	CMS
Min	3.60	16.20	0.00	5.85	0.00	0.00	0.90	26.15	44.55	121.20	102.80	121.20	0.00	CMS
Runoff	365.14	390.22	358.96	255.74	224.46	58.59	110.36	351.23	503.32	699.79	657.12	625.85	4600.77	MCM
Momentary Peak	428.07 CMS. at 132.65 m. (MSL.) at 12.00 Hours , on Jan 23, 2005													
Runoff Yield	5.56 Liters/Second/Square KM.			Momentary Peak Yield				16.313 Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Chaem at Kaeng Ob Luang, Chiang Mai (P.14)

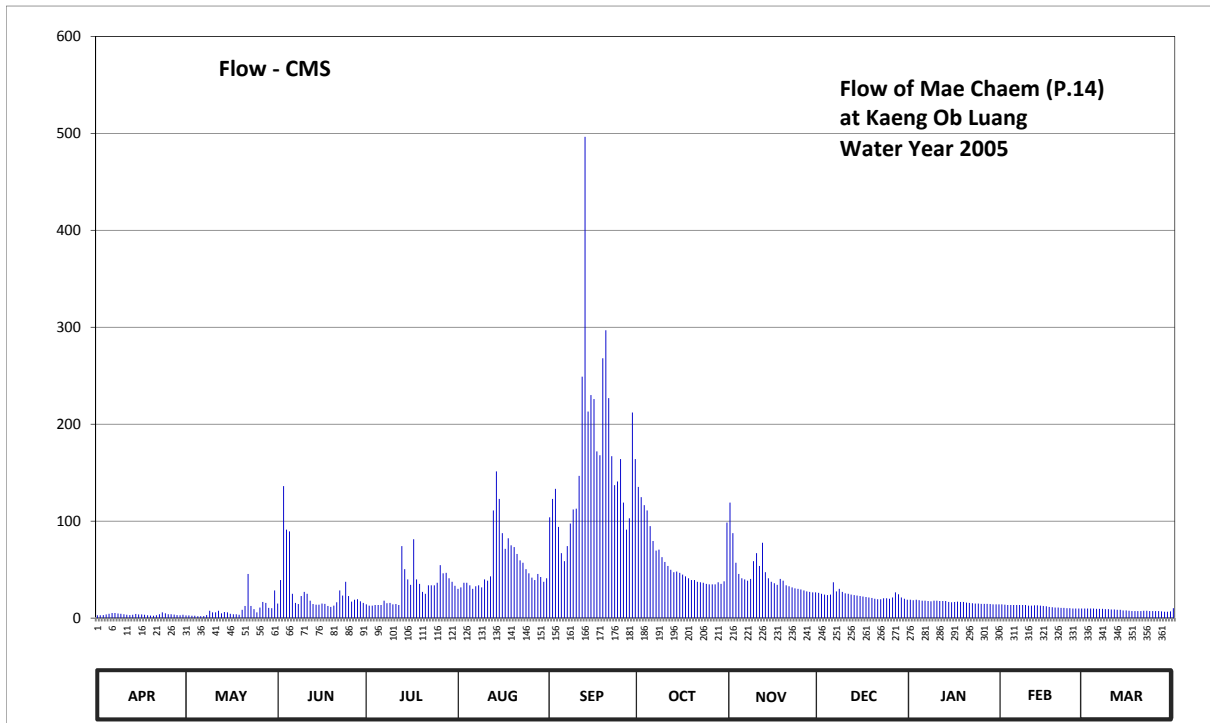
Lat 18 - 13 - 50 N Long 98 - 33 - 38 E

Location : on right bank near the bridge of Hot - Mae Sariang Highway at guidepost 7+500.

	Ban	-	Amphoe	Hot	Changwat	Chiang Mai
Drainage Area	3,836	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+275.800 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	about 10 meters in front of automatic gage building.				Elevation	+286.077 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1953 to date					
Rating Operation						
Period of Rating	1954 - 1960, 1967 to date.					
Rated by Flot	-					
Rated by Current Meter	1954 - 1960, 1967 to date.					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. The concrete weir situated about 6 kilometers downstream from the gage site. Stage-discharge relation defined by 58 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	278.30	278.29	278.71	278.68	279.05	280.01	280.35	280.18	278.97	278.82	278.68	278.55	
2	278.30	278.29	279.22	278.64	279.08	280.22	280.24	279.83	278.95	278.81	278.67	278.55	
3	278.31	278.27	280.36	278.64	279.17	280.33	280.15	279.48	278.93	278.82	278.66	278.55	
4	278.34	278.27	279.87	278.66	279.17	279.90	280.09	279.32	278.92	278.81	278.66	278.55	
5	278.37	278.25	279.85	278.66	279.12	279.60	279.91	279.25	278.93	278.80	278.66	278.54	
6	278.41	278.25	278.95	278.66	279.05	279.50	279.74	279.23	279.18	278.80	278.66	278.54	
7	278.41	278.26	278.73	278.80	279.10	279.68	279.63	279.21	279.00	278.79	278.66	278.54	
8	278.39	278.31	278.69	278.72	279.12	279.94	279.64	279.24	279.05	278.78	278.66	278.53	
9	278.37	278.48	278.90	278.73	279.08	280.10	279.55	279.50	278.99	278.80	278.66	278.53	
10	278.35	278.43	278.99	278.68	279.23	280.11	279.49	279.60	278.96	278.80	278.64	278.52	
11	278.32	278.43	278.95	278.69	279.21	280.47	279.44	279.44	278.95	278.79	278.64	278.52	
12	278.31	278.48	278.80	278.66	279.28	281.50	279.39	279.72	278.93	278.79	278.65	278.51	
13	278.32	278.40	278.69	279.68	280.09	283.72	279.35	279.35	278.92	278.79	278.65	278.51	
14	278.36	278.44	278.67	279.40	280.52	281.14	279.36	279.25	278.91	278.76	278.64	278.49	
15	278.34	278.43	278.67	279.23	280.22	281.31	279.34	279.19	278.90	278.75	278.63	278.49	
16	278.34	278.37	278.71	279.13	279.83	281.27	279.31	279.16	278.89	278.76	278.62	278.48	
17	278.32	278.35	278.70	279.76	279.65	280.73	279.28	279.13	278.88	278.77	278.60	278.47	
18	278.30	278.35	278.63	279.23	279.77	280.69	279.25	279.24	278.87	278.76	278.59	278.47	
19	278.28	278.32	278.60	279.15	279.69	281.69	279.22	279.21	278.86	278.76	278.58	278.47	
20	278.27	278.51	278.64	278.99	279.67	281.97	279.22	279.12	278.84	278.74	278.58	278.47	
21	278.30	278.63	278.75	278.95	279.59	281.28	279.19	279.10	278.83	278.73	278.57	278.48	
22	278.35	279.32	279.02	279.12	279.51	280.68	279.18	279.08	278.83	278.72	278.57	278.48	
23	278.43	278.63	278.91	279.12	279.48	280.37	279.17	279.06	278.85	278.71	278.56	278.47	
24	278.40	278.53	279.19	279.12	279.40	280.41	279.15	279.05	278.85	278.71	278.56	278.47	
25	278.35	278.43	278.90	279.17	279.33	280.65	279.14	279.04	278.84	278.70	278.55	278.47	
26	278.35	278.58	278.77	279.45	279.26	280.18	279.14	279.02	278.87	278.70	278.55	278.47	
27	278.33	278.76	278.82	279.33	279.22	279.87	279.14	279.00	278.98	278.70	278.55	278.46	
28	278.31	278.73	278.83	279.34	279.32	280.00	279.18	278.99	278.94	278.69	278.55	278.45	
29	278.30	278.57	278.78	279.25	279.27	281.13	279.15	278.98	278.87	278.68	278.55	278.45	
30	278.32	278.56	278.73	279.19	279.19	280.65	279.20	278.98	278.84	278.68	278.55	278.46	
31		279.02		279.11	279.25		279.95		278.82	278.68		278.56	
Mean	278.34	278.48	278.93	279.03	279.42	280.64	279.47	279.27	278.91	278.75	278.62	278.50	
Max	278.43	279.32	280.36	279.76	280.52	283.72	280.35	280.18	279.18	278.82	278.68	278.56	283.72
Min	278.27	278.25	278.60	278.64	279.05	279.50	279.14	278.98	278.82	278.68	278.55	278.45	278.25
Annual Max Momentary Gage Height	284.96		m. (MSL.) ,				at 04.00 Hours ,						
Zero Gage at Bottom Elevation	275.80		m. (MSL.) ,			River Bed	277.51		m. (MSL)				
Left Bank Elevation		285.61		m. (MSL.) ,									
Right Bank Elevation		285.92		m. (MSL.) ,		Drainage Are	3,836		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.00	2.80	15.08	14.10	30.12	103.90	135.25	119.20	26.08	18.95	14.10	9.87		
2	3.00	2.80	39.25	12.80	31.70	122.90	124.80	87.70	25.13	18.48	13.78	9.87		
3	3.20	2.40	136.20	12.80	36.43	133.35	116.50	57.10	24.17	18.95	13.45	9.87		
4	3.80	2.40	91.30	13.45	36.43	94.00	111.10	45.50	23.70	18.48	13.45	9.87		
5	4.40	2.00	89.50	13.45	33.80	67.00	94.90	41.12	24.17	18.00	13.45	9.55		
6	5.33	2.00	25.13	13.45	30.12	58.75	79.60	39.88	36.95	18.00	13.45	9.55		
7	5.33	2.20	15.73	18.00	32.75	74.20	69.70	38.62	27.50	17.68	13.45	9.55		
8	4.80	3.20	14.43	15.40	33.80	97.60	70.60	40.50	30.12	17.35	13.45	9.23		
9	4.40	7.60	22.75	15.73	31.70	112.00	62.87	58.75	27.02	18.00	13.45	9.23		
10	4.00	5.97	27.02	14.10	39.88	112.90	57.92	67.00	25.60	18.00	12.80	8.90		
11	3.40	5.97	25.13	14.43	38.62	146.65	53.80	53.80	25.13	17.68	12.80	8.90		
12	3.20	7.60	18.00	13.45	43.00	249.00	49.88	77.80	24.17	17.68	13.13	8.58		
13	3.40	5.00	14.43	74.20	111.10	496.40	47.38	47.38	23.70	17.68	13.13	8.58		
14	4.20	6.30	13.78	50.50	151.40	213.00	48.00	41.12	23.23	16.70	12.80	7.92		
15	3.80	5.97	13.78	39.88	122.90	230.00	46.75	37.47	22.75	16.38	12.48	7.92		
16	3.80	4.40	15.08	34.32	87.70	226.00	44.87	35.90	22.28	16.70	12.15	7.60		
17	3.40	4.00	14.75	81.40	71.50	172.00	43.00	34.32	21.80	17.03	11.50	7.28		
18	3.00	4.00	12.48	39.88	82.30	168.00	41.12	40.50	21.33	16.70	11.18	7.28		
19	2.60	3.40	11.50	35.37	75.10	268.00	39.25	38.62	20.85	16.70	10.85	7.28		
20	2.40	8.58	12.80	27.02	73.30	296.85	39.25	33.80	19.90	16.05	10.85	7.28		
21	3.00	12.48	16.38	25.13	66.17	227.00	37.47	32.75	19.42	15.73	10.53	7.60		
22	4.00	45.50	28.55	33.80	59.58	167.00	36.95	31.70	19.42	15.40	10.53	7.60		
23	5.97	12.48	23.23	33.80	57.10	137.15	36.43	30.65	20.38	15.08	10.20	7.28		
24	5.00	9.23	37.47	33.80	50.50	140.95	35.37	30.12	20.38	15.08	10.20	7.28		
25	4.00	5.97	22.75	36.43	46.12	164.00	34.85	29.60	19.90	14.75	9.87	7.28		
26	4.00	10.85	17.03	54.63	41.75	119.20	34.85	28.55	21.33	14.75	9.87	7.28		
27	3.60	16.70	18.95	46.12	39.25	91.30	34.85	27.50	26.55	14.75	9.87	6.95		
28	3.20	15.73	19.42	46.75	45.50	103.00	36.95	27.02	24.65	14.43	9.87	6.63		
29	3.00	10.53	17.35	41.12	42.37	212.00	35.37	26.55	21.33	14.10		6.63		
30	3.40	10.20	15.73	37.47	37.47	164.00	38.00	26.55	19.90	14.10		6.95		
31		28.55		33.27	41.12		98.50		18.95	14.10		10.20		
Total	113.63	266.81	844.98	976.05	1720.58	4968.10	1836.13	1327.07	727.79	513.46	336.64	255.79	13887.03	CMSDAY
Mean	3.79	8.61	28.17	31.49	55.50	165.60	59.23	44.24	23.48	16.56	12.02	8.25	38.05	CMS
Max	5.97	45.50	136.20	81.40	151.40	496.40	135.25	119.20	36.95	18.95	14.10	10.20	496.40	CMS
Min	2.40	2.00	11.50	12.80	30.12	58.75	34.85	26.55	18.95	14.10	9.87	6.63	2.00	CMS
Runoff	9.82	23.05	73.01	84.33	148.66	429.24	158.64	114.66	62.88	44.36	29.09	22.10	1199.84	MCM
Momentary Peak		652.43	CMS.	at 284.96 m. (MSL.)	at 04.00 Hours	, on Sep 13, 2005								
Runoff Yield		9.92	Liters/Second/Square KM.			Momentary Peak Yield	170.081	Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Wat Sri Phirom , Kamphaeng Phet (P.15)

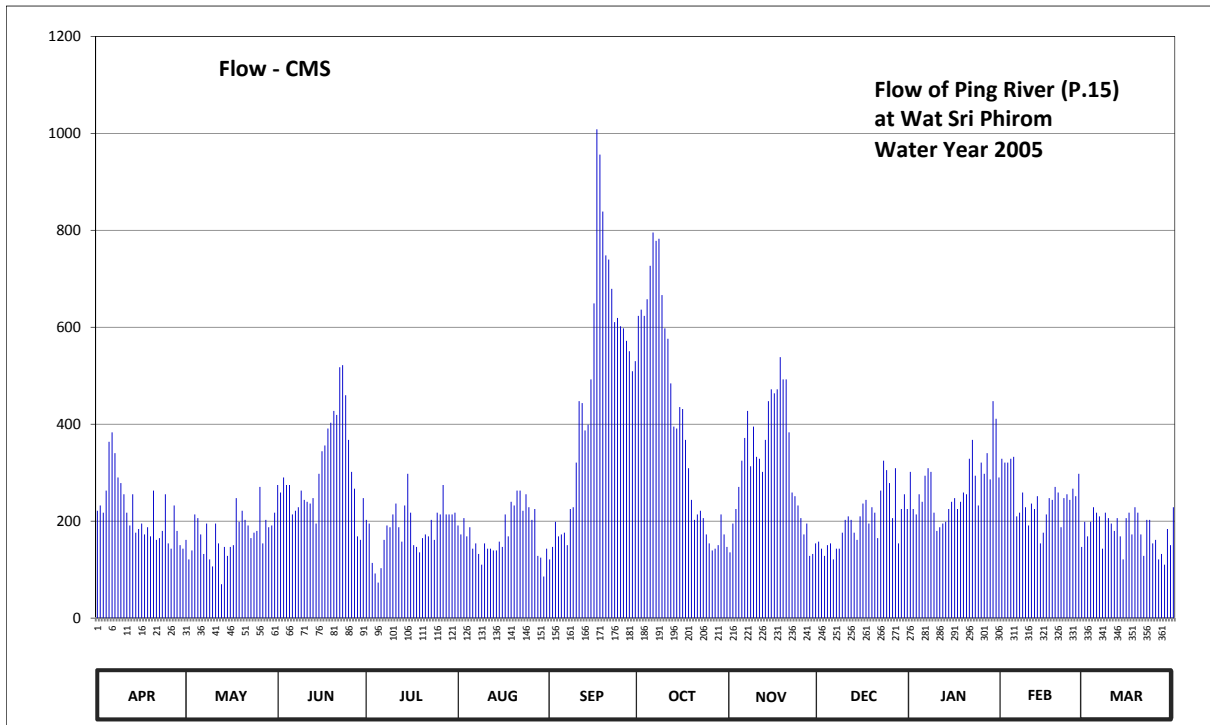
Lat 16 - 12 - 52 N Long 99 - 43 - 24 E

Location : on right bank in front of Amphoe Khlong Khlung Office.

	Ban Wat Sri Phirom	Amphoe Khlong Khlung	Changwat Kamphaeng Phet
Drainage Area	44,461 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+51.555 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 30 meters from the south of Wat Sri Phirom.		Elevation +56.617 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1954 to date		
Rating Operation			
Period of Rating	1964 - 1974 , 1997 to date		
Rated by Flot	-		
Rated by Current Meter	1964 - 1974 , 1997 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 42 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	52.95	52.79	53.09	52.90	52.87	52.68	53.95	52.72	52.78	53.16	53.23	52.89	
2	52.98	52.68	53.05	52.88	52.82	52.75	53.98	52.88	52.74	52.96	53.21	52.81	
3	52.94	52.73	53.13	52.66	52.91	52.89	53.95	52.96	52.70	52.93	53.21	52.89	
4	53.06	52.93	53.09	52.60	52.81	52.81	54.03	53.08	52.76	53.04	53.23	52.97	
5	53.32	52.91	53.09	52.54	52.86	52.82	54.19	53.22	52.77	53.00	53.24	52.94	
6	53.37	52.82	52.93	52.63	52.74	52.83	54.35	53.34	52.68	53.14	52.92	52.92	
7	53.26	52.71	52.95	52.79	52.77	52.76	54.31	53.48	52.74	53.18	52.94	52.74	
8	53.13	52.88	52.97	52.87	52.71	52.96	54.32	53.19	52.74	53.16	53.05	52.94	
9	53.10	52.68	53.06	52.86	52.65	52.97	54.05	53.40	52.83	52.94	52.97	52.91	
10	53.04	52.64	53.01	52.93	52.77	53.21	53.89	53.24	52.90	52.84	52.87	52.88	
11	52.94	52.88	53.00	52.99	52.74	53.53	53.84	53.23	52.92	52.86	52.99	52.84	
12	52.87	52.77	52.99	52.86	52.74	53.52	53.62	53.16	52.90	52.88	52.96	52.91	
13	53.04	52.53	53.02	52.78	52.73	53.38	53.40	53.33	52.83	52.89	53.03	52.81	
14	52.83	52.75	52.88	52.98	52.73	53.41	53.39	53.53	52.79	52.96	52.77	52.68	
15	52.85	52.70	53.15	53.15	52.78	53.64	53.50	53.59	52.92	53.00	52.83	52.91	
16	52.88	52.75	53.27	52.94	52.75	54.01	53.49	53.57	52.99	53.02	52.93	52.94	
17	52.82	52.76	53.30	52.76	52.93	54.82	53.33	53.59	53.01	52.96	53.02	52.82	
18	52.86	53.02	53.39	52.75	52.81	54.72	53.18	53.75	52.88	53.00	53.01	52.97	
19	52.81	52.89	53.42	52.72	53.00	54.45	53.01	53.64	52.97	53.05	53.08	52.94	
20	53.06	52.95	53.48	52.80	52.98	54.24	52.90	53.64	52.94	53.04	53.05	52.82	
21	52.79	52.90	53.46	52.82	53.06	54.22	52.93	53.37	52.80	53.23	52.86	52.70	
22	52.80	52.87	53.70	52.81	53.06	54.08	52.95	53.05	53.06	53.33	53.02	52.90	
23	52.84	52.80	53.71	52.90	52.95	53.92	52.91	53.03	53.22	53.14	53.04	52.90	
24	53.04	52.83	53.56	52.79	53.04	53.94	52.82	52.98	53.17	52.98	53.01	52.77	
25	52.77	52.84	53.33	52.94	52.97	53.90	52.77	52.91	53.10	53.21	53.07	52.79	
26	52.74	53.08	53.16	52.93	52.90	53.89	52.73	52.82	52.91	53.15	53.03	52.68	
27	52.98	52.77	53.07	53.09	52.96	53.83	52.74	52.88	53.18	53.26	53.15	52.71	
28	52.84	52.90	52.81	52.93	52.70	53.78	52.76	52.70	52.77	53.12	52.75	52.65	
29	52.76	52.86	52.79	52.93	52.69	53.68	52.93	52.71	52.96	53.53		52.85	
30	52.74	52.87	53.02	52.93	52.58	53.73	52.82	52.77	53.04	53.44		52.76	
31		52.94		52.94	52.74		52.75		52.96	53.13		52.97	
Mean	52.95	52.82	53.16	52.85	52.83	53.58	53.41	53.19	52.90	53.08	53.02	52.85	
Max	53.37	53.08	53.71	53.15	53.06	54.82	54.35	53.75	53.22	53.53	53.24	52.97	54.82
Min	52.74	52.53	52.79	52.54	52.58	52.68	52.73	52.70	52.68	52.84	52.75	52.65	52.53
Annual Max Momentary Gage Height	54.86		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation		51.56	m. (MSL.) ,			River Bed	50.93	m. (MSL.)					
Left Bank Elevation		57.47	m. (MSL.) ,										
Right Bank Elevation		57.53	m. (MSL.) ,		Drainage Are	44,461	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	221.30	161.40	274.60	202.50	191.20	121.20	623.50	135.80	157.70	301.60	328.70	198.70		
2	232.50	121.20	259.20	195.00	172.50	146.80	636.40	195.00	143.10	225.00	320.90	168.80		
3	217.50	139.50	290.10	113.90	206.30	198.70	623.50	225.00	128.50	213.80	320.90	198.70		
4	263.10	213.80	274.60	92.00	168.80	168.80	657.90	270.80	150.40	255.40	328.70	228.80		
5	363.80	206.30	274.60	73.10	187.50	172.50	726.70	324.80	154.10	240.00	332.60	217.50		
6	383.30	172.50	213.80	103.00	143.10	176.30	795.50	371.60	121.20	293.90	210.00	210.00		
7	340.40	132.20	221.30	161.40	154.10	150.40	778.30	427.40	143.10	309.30	217.50	143.10		
8	290.10	195.00	228.80	191.20	132.20	225.00	782.60	313.10	143.10	301.60	259.20	217.50		
9	278.50	121.20	263.10	187.50	110.30	228.80	666.50	395.00	176.30	217.50	228.80	206.30		
10	255.40	106.60	243.80	213.80	154.10	320.90	597.70	332.60	202.50	180.00	191.20	195.00		
11	217.50	195.00	240.00	236.30	143.10	447.60	576.20	328.70	210.00	187.50	236.30	180.00		
12	191.20	154.10	236.30	187.50	143.10	443.60	484.30	301.60	202.50	195.00	225.00	206.30		
13	255.40	69.90	247.70	157.70	139.50	387.20	395.00	367.70	176.30	198.70	251.50	168.80		
14	176.30	146.80	195.00	232.50	139.50	399.00	391.10	447.60	161.40	225.00	154.10	121.20		
15	183.70	128.50	297.80	297.80	157.70	492.60	435.50	472.00	210.00	240.00	176.30	206.30		
16	195.00	146.80	344.30	217.50	146.80	649.30	431.50	463.90	236.30	247.70	213.80	217.50		
17	172.50	150.40	356.00	150.40	213.80	1008.40	367.70	472.00	243.80	225.00	247.70	172.50		
18	187.50	247.70	391.10	146.80	168.80	956.20	309.30	538.30	195.00	240.00	243.80	228.80		
19	168.80	198.70	403.10	135.80	240.00	838.70	243.80	492.60	228.80	259.20	270.80	217.50		
20	263.10	221.30	427.40	165.00	232.50	748.20	202.50	492.60	217.50	255.40	259.20	172.50		
21	161.40	202.50	419.30	172.50	263.10	739.60	213.80	383.30	165.00	328.70	187.50	128.50		
22	165.00	191.20	517.50	168.80	263.10	679.40	221.30	259.20	263.10	367.70	247.70	202.50		
23	180.00	165.00	521.70	202.50	221.30	610.60	206.30	251.50	324.80	293.90	255.40	202.50		
24	255.40	176.30	459.80	161.40	255.40	619.20	172.50	232.50	305.40	232.50	243.80	154.10		
25	154.10	180.00	367.70	217.50	228.80	602.00	154.10	206.30	278.50	320.90	266.90	161.40		
26	143.10	270.80	301.60	213.80	202.50	597.70	139.50	172.50	206.30	297.80	251.50	121.20		
27	232.50	154.10	266.90	274.60	225.00	571.90	143.10	195.00	309.30	340.40	297.80	132.20		
28	180.00	202.50	168.80	213.80	128.50	550.70	150.40	128.50	154.10	286.20	146.80	110.30		
29	150.40	187.50	161.40	213.80	124.80	509.20	213.80	132.20	225.00	447.60	447.60	183.70		
30	143.10	191.20	247.70	213.80	85.70	530.00	172.50	154.10	255.40	411.20	411.20	150.40		
31		217.50		217.50	143.10		146.80		225.00	290.10		228.80		
Total	6621.90	5367.50	9115.00	5730.70	5486.20	14290.50	12659.60	9483.20	6313.50	8428.60	6914.40	5651.40	96062.50	CMSDAY
Mean	220.70	173.10	303.80	184.90	177.00	476.40	408.40	316.10	203.70	271.90	246.90	182.30	263.20	CMS
Max	383.30	270.80	521.70	297.80	263.10	1008.40	795.50	538.30	324.80	447.60	332.60	228.80	1008.40	CMS
Min	143.10	69.90	161.40	73.10	85.70	121.20	139.50	128.50	121.20	180.00	146.80	110.30	69.90	CMS
Runoff	572.13	463.75	787.54	495.13	474.01	1234.70	1093.79	819.35	545.49	728.23	597.40	488.28	8299.80	MCM
Momentary Peak	1043.20	CMS.	at 54.86 m. (MSL.)	at 15.00 Hours	on Sep 17, 2005									
Runoff Yield	5.92	Liters/Second/Square KM.			Momentary Peak Yield	23.463	Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban San Tor , Kamphaeng Phet (P.16)

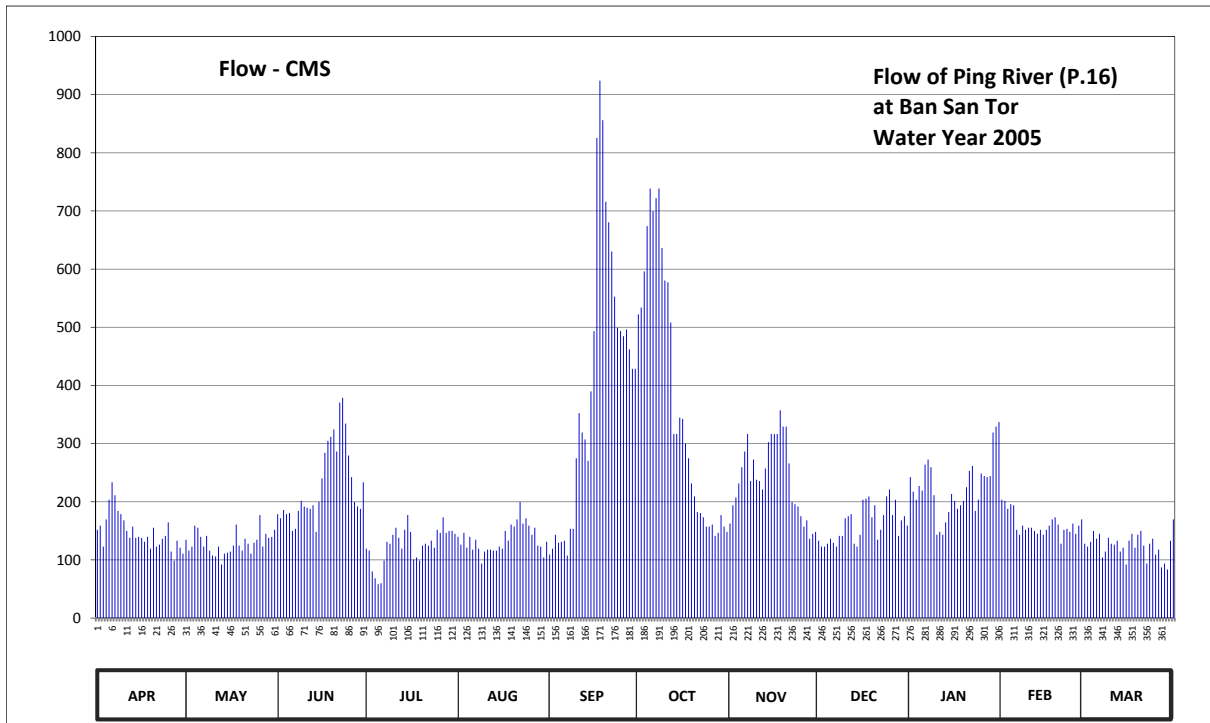
Lat 16 - 03 - 45 N Long 99 - 51 - 48 E

Location : on right bank behind the Post Office.

	Ban San Tor	Amphoe	Khanu Worakabsaburi	Changwat	Kamphaeng Phet
Drainage Area	45,076 sq.km.				
Type of Gage	Staff gage				
Zero Gage at Bottom	+41.780 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On right bank near the automatic gage building.			Elevation	+46.604 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1954 to date				
Rating Operation					
Period of Rating	1960 , 1967 - 1974 , 1990 to date				
Rated by Flot	-				
Rated by Current Meter	1960 , 1964 - 1975 , 1979 , 1990 to date				
Stability of Channel Regimes	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records very good. Stage-discharge relation defined by 40 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.01	40.91	41.16	40.82	40.94	40.76	42.56	41.07	40.90	41.48	41.29	40.87	
2	41.05	40.80	41.12	40.80	40.86	40.82	42.60	41.24	40.84	41.36	41.28	40.84	
3	40.84	40.84	41.20	40.59	40.98	40.96	42.80	41.31	40.84	41.29	41.21	40.89	
4	41.11	41.05	41.16	40.52	40.83	40.88	43.05	41.43	40.87	41.41	41.25	41.00	
5	41.29	41.03	41.17	40.46	40.94	40.89	43.25	41.56	40.92	41.37	41.24	40.92	
6	41.44	40.94	41.00	40.47	40.81	40.90	43.13	41.68	40.88	41.58	41.01	40.97	
7	41.33	40.84	41.02	40.70	40.91	40.75	43.20	41.81	40.84	41.62	40.96	40.73	
8	41.19	40.95	41.19	40.89	40.82	41.02	43.25	41.45	40.95	41.56	41.05	40.79	
9	41.16	40.80	41.28	40.87	40.67	41.02	42.93	41.62	40.95	41.33	41.01	40.93	
10	41.10	40.75	41.23	40.96	40.79	41.63	42.75	41.46	41.12	40.96	41.03	40.87	
11	41.00	40.74	41.22	41.03	40.81	41.95	42.74	41.45	41.14	40.99	41.03	40.86	
12	40.93	40.84	41.21	40.93	40.81	41.82	42.51	41.38	41.16	40.96	41.00	40.90	
13	41.04	40.66	41.24	40.82	40.80	41.77	41.81	41.55	40.87	41.08	40.97	40.79	
14	40.93	40.77	40.99	41.01	40.80	41.61	41.81	41.75	40.84	41.18	41.01	40.83	
15	40.94	40.78	41.27	41.15	40.84	42.09	41.92	41.81	40.96	41.34	40.96	40.66	
16	40.93	40.79	41.47	40.99	40.82	42.46	41.91	41.81	41.29	41.28	41.01	40.90	
17	40.89	40.85	41.67	40.71	41.00	43.51	41.74	41.81	41.30	41.21	41.05	40.97	
18	40.94	41.06	41.76	40.73	40.90	43.80	41.63	41.97	41.32	41.24	41.11	40.83	
19	40.82	40.85	41.79	40.70	41.06	43.60	41.43	41.86	41.13	41.28	41.13	40.96	
20	41.03	40.80	41.84	40.85	41.04	43.18	41.32	41.86	41.24	41.40	41.06	41.00	
21	40.84	40.92	41.68	40.87	41.11	43.07	41.18	41.59	40.91	41.53	40.87	40.85	
22	40.86	40.87	42.02	40.85	41.27	42.91	41.17	41.27	41.01	41.57	41.01	40.67	
23	40.92	40.77	42.05	40.90	41.07	42.66	41.13	41.25	41.15	41.19	41.02	40.87	
24	40.95	40.88	41.88	40.83	41.12	42.48	41.04	41.23	41.32	41.29	40.99	40.92	
25	41.08	40.91	41.65	41.01	41.05	42.46	41.04	41.14	41.38	41.51	41.07	40.76	
26	40.79	41.15	41.48	40.98	40.96	42.43	41.06	41.04	41.15	41.49	40.97	40.81	
27	40.70	40.84	41.27	41.13	41.03	42.47	40.95	41.10	41.29	41.48	41.05	40.63	
28	40.90	40.97	41.23	40.98	40.85	42.35	40.98	40.92	40.95	41.49	41.11	40.67	
29	40.83	40.93	41.21	41.00	40.84	42.23	41.15	40.97	41.10	41.82		40.61	
30	40.77	40.94	41.44	41.00	40.73	42.23	41.04	40.99	41.14	41.86		40.90	
31		41.01		40.97	40.89		40.99		41.05	41.89		41.11	
Mean	40.99	40.88	41.40	40.86	40.91	42.02	41.94	41.45	41.06	41.39	41.06	40.85	
Max	41.44	41.15	42.05	41.15	41.27	43.80	43.25	41.97	41.38	41.89	41.29	41.11	43.80
Min	40.70	40.66	40.99	40.46	40.67	40.75	40.95	40.92	40.84	40.96	40.87	40.61	40.46
Annual Max Momentary Gage Height	43.85		m. (MSL.) ,			at 06.00 Hours ,	on Sep 18 , 2005						
Zero Gage at Bottom Elevation	41.78		m. (MSL.) ,			River Bed	38.11	m. (MSL.)					
Left Bank Elevation		49.12		m. (MSL.) ,									
Right Bank Elevation		51.45		m. (MSL.) ,		Drainage Are	45,076	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	151.80	134.70	178.80	119.40	139.80	109.20	522.40	162.60	133.00	242.20	203.55	127.90		
2	159.00	116.00	171.60	116.00	126.20	119.40	534.00	193.80	122.80	217.20	201.60	122.80		
3	122.80	122.80	186.00	80.30	146.60	143.20	596.00	207.45	122.80	203.55	187.95	131.30		
4	169.80	159.00	178.80	68.40	121.10	129.60	674.00	231.45	127.90	227.15	195.75	150.00		
5	203.55	155.40	180.60	58.20	139.80	131.30	738.50	259.40	136.40	219.15	193.80	136.40		
6	233.60	139.80	150.00	59.90	117.70	133.00	699.60	286.40	129.60	263.70	151.80	144.90		
7	211.35	122.80	153.60	99.00	134.70	107.50	722.00	316.55	122.80	272.60	143.20	104.10		
8	184.20	141.50	184.20	131.30	119.40	153.60	738.50	235.75	141.50	259.40	159.00	114.30		
9	178.80	116.00	201.60	127.90	93.90	153.60	636.30	272.60	141.50	211.35	151.80	138.10		
10	168.00	107.50	191.85	143.20	114.30	274.90	580.50	237.90	171.60	143.20	155.40	127.90		
11	150.00	105.80	189.90	155.40	117.70	352.25	577.40	235.75	175.20	148.30	155.40	126.20		
12	138.10	122.80	187.95	138.10	117.70	319.10	507.90	221.10	178.80	143.20	150.00	133.00		
13	157.20	92.20	193.80	119.40	116.00	307.10	316.55	257.25	127.90	164.40	144.90	114.30		
14	138.10	110.90	148.30	151.80	116.00	270.30	316.55	302.50	122.80	182.40	151.80	121.10		
15	139.80	112.60	199.65	177.00	122.80	389.75	344.60	316.55	143.20	213.30	143.20	92.20		
16	138.10	114.30	240.05	148.30	119.40	493.40	342.05	316.55	203.55	201.60	151.80	133.00		
17	131.30	124.50	284.10	100.70	150.00	825.40	300.20	316.55	205.50	187.95	159.00	144.90		
18	139.80	160.80	304.80	104.10	133.00	924.00	274.90	357.35	209.40	193.80	169.80	121.10		
19	119.40	124.50	311.70	99.00	160.80	856.00	231.45	329.30	173.40	201.60	173.40	143.20		
20	155.40	116.00	324.20	124.50	157.20	715.60	209.40	329.30	193.80	225.00	160.80	150.00		
21	122.80	136.40	286.40	127.90	169.80	680.40	182.40	265.85	134.70	252.95	127.90	124.50		
22	126.20	127.90	370.50	124.50	199.65	630.10	180.60	199.65	151.80	261.55	151.80	93.90		
23	136.40	110.90	378.75	133.00	162.60	552.60	173.40	195.75	177.00	184.20	153.60	127.90		
24	141.50	129.60	334.40	121.10	171.60	499.20	157.20	191.85	209.40	203.55	148.30	136.40		
25	164.40	134.70	279.50	151.80	159.00	493.40	157.20	175.20	221.10	248.65	162.60	109.20		
26	114.30	177.00	242.20	146.60	143.20	484.70	160.80	157.20	177.00	244.35	144.90	117.70		
27	99.00	122.80	199.65	173.40	155.40	496.30	141.50	168.00	203.55	242.20	159.00	87.10		
28	133.00	144.90	191.85	146.60	124.50	462.00	146.60	136.40	141.50	244.35	169.80	93.90		
29	121.10	138.10	187.95	150.00	122.80	428.40	177.00	144.90	168.00	319.10		83.70		
30	110.90	139.80	233.60	150.00	104.10	428.40	157.20	148.30	175.20	329.30		133.00		
31		151.80		144.90	131.30		148.30		159.00	336.95		169.80		
Total	4459.70	4013.80	6866.30	3891.70	4208.05	12063.70	11645.00	7169.20	5001.70	6988.20	4521.85	3853.80	74683.00	CMSDAY
Mean	148.66	129.48	228.88	125.54	135.74	402.12	375.65	238.97	161.35	225.43	161.49	124.32	204.61	CMS
Max	233.60	177.00	378.75	177.00	199.65	924.00	738.50	357.35	221.10	336.95	203.55	169.80	924.00	CMS
Min	99.00	92.20	148.30	58.20	93.90	107.50	141.50	136.40	122.80	143.20	127.90	83.70	58.20	CMS
Runoff	385.32	346.79	593.25	336.24	363.58	1042.30	1006.13	619.42	432.15	603.78	390.69	332.97	6452.61	MCM
Momentary Peak		940.60	CMS. at 43.85 m. (MSL.)											at 06.00 Hours , on Sep 18 , 2005
Runoff Yield		4.54	Liters/Second/Square KM.											Momentary Peak Yield 20.867 Liters/Second/Square KM.

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Tha Ngiu, Nakhon Sawan (P.17)

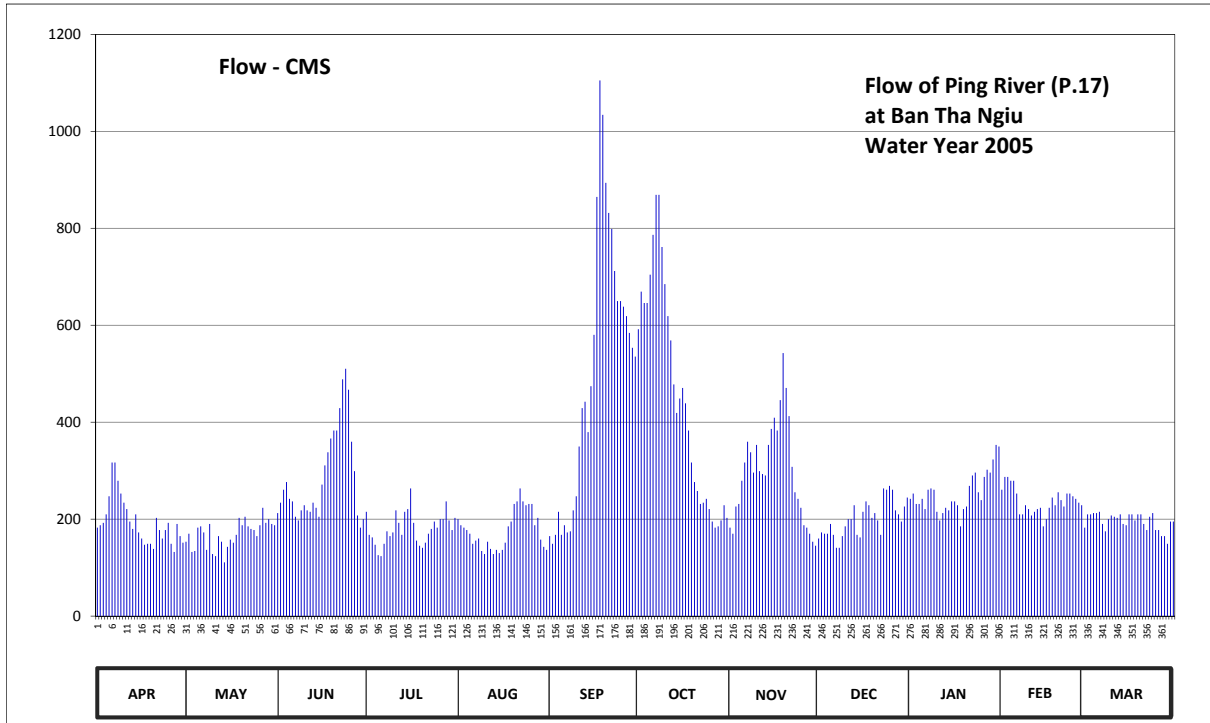
Lat 15 - 56 - 02 N Long 99 - 58 - 50 E

Location : on right bank at Som Sieo Market

	Ban	Tha Ngiu	Amphoe	Banphot Phisai	Changwat	Nakhon Sawan
Drainage Area	45,297	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+32.000	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 5.00 meters from the top staff gage				Elevation	+37.940 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1954 to date					
Rating Operation						
Period of Rating	1960, 1967 - 1974, 1990 to date					
Rated by Flot	-					
Rated by Current Meter	1954 - 1979, 1990 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by Phumiphol Dam. Stage-discharge relation defined by 44 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	34.49	34.37	34.61	34.62	34.56	34.42	35.79	34.49	34.40	34.72	34.79	34.49	
2	34.51	34.44	34.69	34.43	34.51	34.35	35.99	34.44	34.45	34.76	34.89	34.60	
3	34.53	34.27	34.79	34.41	34.49	34.43	35.93	34.66	34.44	34.68	34.89	34.60	
4	34.60	34.28	34.85	34.34	34.47	34.62	35.93	34.68	34.44	34.68	34.86	34.61	
5	34.74	34.49	34.72	34.24	34.44	34.43	36.08	34.86	34.52	34.72	34.86	34.61	
6	34.99	34.50	34.70	34.23	34.35	34.51	36.28	34.99	34.43	34.64	34.76	34.62	
7	34.99	34.45	34.58	34.35	34.38	34.45	36.48	35.13	34.31	34.79	34.60	34.52	
8	34.86	34.29	34.55	34.46	34.40	34.46	36.48	35.06	34.31	34.80	34.60	34.46	
9	34.76	34.52	34.63	34.42	34.28	34.63	36.22	34.92	34.42	34.79	34.67	34.56	
10	34.69	34.25	34.67	34.45	34.25	34.74	36.03	35.11	34.50	34.62	34.64	34.59	
11	34.64	34.23	34.63	34.63	34.37	35.10	35.86	34.93	34.56	34.55	34.59	34.58	
12	34.54	34.42	34.62	34.53	34.30	35.34	35.73	34.91	34.56	34.61	34.62	34.57	
13	34.48	34.37	34.69	34.43	34.25	35.38	35.48	34.90	34.67	34.65	34.64	34.60	
14	34.60	34.17	34.65	34.62	34.29	35.19	35.31	35.11	34.43	34.63	34.65	34.52	
15	34.45	34.32	34.58	34.64	34.26	35.47	35.40	35.21	34.41	34.70	34.50	34.51	
16	34.40	34.39	34.83	34.80	34.29	35.76	35.46	35.28	34.62	34.70	34.56	34.60	
17	34.34	34.36	34.97	34.53	34.36	36.47	35.37	35.20	34.70	34.67	34.65	34.60	
18	34.35	34.43	35.06	34.38	34.50	37.03	35.20	35.39	34.67	34.50	34.73	34.55	
19	34.35	34.57	35.15	34.33	34.54	36.87	34.99	35.66	34.57	34.64	34.67	34.60	
20	34.30	34.51	35.20	34.31	34.68	36.54	34.85	35.46	34.61	34.66	34.77	34.60	
21	34.57	34.58	35.20	34.36	34.70	36.39	34.78	35.29	34.55	34.82	34.71	34.52	
22	34.47	34.50	35.34	34.44	34.80	36.31	34.68	34.96	34.43	34.90	34.66	34.47	
23	34.40	34.48	35.51	34.48	34.70	36.10	34.69	34.77	34.80	34.92	34.76	34.58	
24	34.47	34.47	35.57	34.54	34.67	35.94	34.72	34.72	34.79	34.77	34.76	34.61	
25	34.53	34.42	35.45	34.49	34.68	35.94	34.64	34.65	34.82	34.71	34.74	34.47	
26	34.35	34.51	35.13	34.56	34.68	35.91	34.54	34.51	34.79	34.89	34.72	34.47	
27	34.27	34.65	34.93	34.56	34.51	35.86	34.49	34.49	34.63	34.94	34.69	34.42	
28	34.52	34.53	34.59	34.70	34.57	35.77	34.50	34.44	34.60	34.92	34.67	34.42	
29	34.42	34.56	34.49	34.55	34.39	35.69	34.55	34.37	34.54	35.01		34.35	
30	34.36	34.52	34.56	34.47	34.32	35.64	34.67	34.33	34.66	35.11		34.54	
31		34.51		34.57	34.29		34.57		34.73	35.10		34.54	
Mean	34.53	34.43	34.86	34.48	34.46	35.46	35.34	34.90	34.56	34.76	34.70	34.54	
Max	34.99	34.65	35.57	34.80	34.80	37.03	36.48	35.66	34.82	35.11	34.89	34.62	37.03
Min	34.27	34.17	34.49	34.23	34.25	34.35	34.49	34.33	34.31	34.50	34.35	34.35	34.17
Annual Max Momentary Gage Height	37.05		m. (MSL.) ,				at 09.00 Hours ,						on Sep 18 , 2005
Zero Gage at Bottom Elevation	32.00		m. (MSL.) ,				River Bed 32.27		m. (MSL.)				
Left Bank Elevation		38.17		m. (MSL.) ,									
Right Bank Elevation		37.77		m. (MSL.) ,		Drainage Are	45,297		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	182.50	153.60	212.70	215.30	200.00	165.00	591.90	182.50	160.00	242.00	260.70	182.50		
2	187.50	170.00	234.00	167.50	187.50	149.30	669.40	170.00	172.50	252.70	287.30	210.00		
3	192.50	132.30	260.70	162.50	182.50	167.50	646.10	226.00	170.00	231.30	287.30	210.00		
4	210.00	134.40	276.70	147.20	177.50	215.30	646.10	231.30	170.00	231.30	279.30	212.70		
5	247.30	182.50	242.00	125.90	170.00	167.50	704.30	279.30	190.00	242.00	279.30	212.70		
6	317.00	185.00	236.70	123.70	149.30	187.50	786.40	317.00	167.50	220.70	252.70	215.30		
7	317.00	172.50	205.00	149.30	155.70	172.50	869.10	359.90	140.80	260.70	210.00	190.00		
8	279.30	136.50	197.50	175.00	160.00	175.00	869.10	338.00	140.80	263.30	210.00	175.00		
9	252.70	190.00	218.00	165.00	134.40	218.00	761.60	296.00	165.00	260.70	228.70	200.00		
10	234.00	128.00	228.70	172.50	128.00	247.30	684.90	353.30	185.00	215.30	220.70	207.50		
11	220.70	123.70	218.00	218.00	153.60	350.00	619.00	299.00	200.00	197.50	207.50	205.00		
12	195.00	165.00	215.30	192.50	138.70	429.20	568.60	293.00	200.00	212.70	215.30	202.50		
13	180.00	153.60	234.00	167.50	128.00	442.40	477.80	290.00	228.70	223.30	220.70	210.00		
14	210.00	110.90	223.30	215.30	136.50	379.70	419.30	353.30	167.50	218.00	223.30	190.00		
15	172.50	142.90	205.00	220.70	130.10	474.20	449.00	386.30	162.50	236.70	185.00	187.50		
16	160.00	157.90	271.30	263.30	136.50	580.20	470.60	409.40	215.30	236.70	200.00	210.00		
17	147.20	151.50	311.00	192.50	151.50	864.90	439.10	383.00	236.70	228.70	223.30	210.00		
18	149.30	167.50	338.00	155.70	185.00	1105.20	383.00	445.70	228.70	185.00	244.70	197.50		
19	149.30	202.50	366.50	145.10	195.00	1034.20	317.00	542.60	202.50	220.70	228.70	210.00		
20	138.70	187.50	383.00	140.80	231.30	893.90	276.70	470.60	212.70	226.00	255.30	210.00		
21	202.50	205.00	383.00	151.50	236.70	831.90	258.00	412.70	197.50	268.70	239.30	190.00		
22	177.50	185.00	429.20	170.00	263.30	798.80	231.30	308.00	167.50	290.00	226.00	177.50		
23	160.00	180.00	488.60	180.00	236.70	712.00	234.00	255.30	263.30	296.00	252.70	205.00		
24	177.50	177.50	510.20	195.00	228.70	650.00	242.00	242.00	260.70	255.30	252.70	212.70		
25	192.50	165.00	467.00	182.50	231.30	650.00	220.70	223.30	268.70	239.30	247.30	177.50		
26	149.30	187.50	359.90	200.00	231.30	638.40	195.00	187.50	260.70	287.30	242.00	177.50		
27	132.30	223.30	299.00	200.00	187.50	619.00	182.50	182.50	218.00	302.00	234.00	165.00		
28	190.00	192.50	207.50	236.70	202.50	584.10	185.00	170.00	210.00	296.00	228.70	165.00		
29	165.00	200.00	182.50	197.50	157.90	553.40	197.50	153.60	195.00	323.00	169.30	149.30		
30	151.50	190.00	200.00	177.50	142.90	535.40	228.70	145.10	226.00	353.30	195.00	195.00		
31		187.50		202.50	136.50		202.50		244.70	350.00		195.00		
Total	5840.60	5241.10	8604.30	5608.50	5486.40	14991.80	14026.20	8906.20	6228.30	7866.20	6642.50	6057.70	95499.80	CMSDAY
Mean	194.70	169.10	286.80	180.90	177.00	499.70	452.50	296.90	200.90	253.70	237.20	195.40	261.60	CMS
Max	317.00	223.30	510.20	263.30	263.30	1105.20	869.10	542.60	268.70	353.30	287.30	215.30	1105.20	CMS
Min	132.30	110.90	182.50	123.70	128.00	149.30	182.50	145.10	140.80	185.00	185.00	149.30	110.90	CMS
Runoff	504.63	452.83	743.41	484.57	474.02	1295.29	1211.86	769.50	538.13	679.64	573.91	523.39	8251.18	MCM
Momentary Peak	1114.75	CMS.	at 37.05 m. (MSL.)	at 09.00 Hours	on Sep 18, 2005									
Runoff Yield	5.78	Liters/Second/Square KM.			Momentary Peak Yield	24.610	Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Chiang Dao , Chiang Mai (P.20)

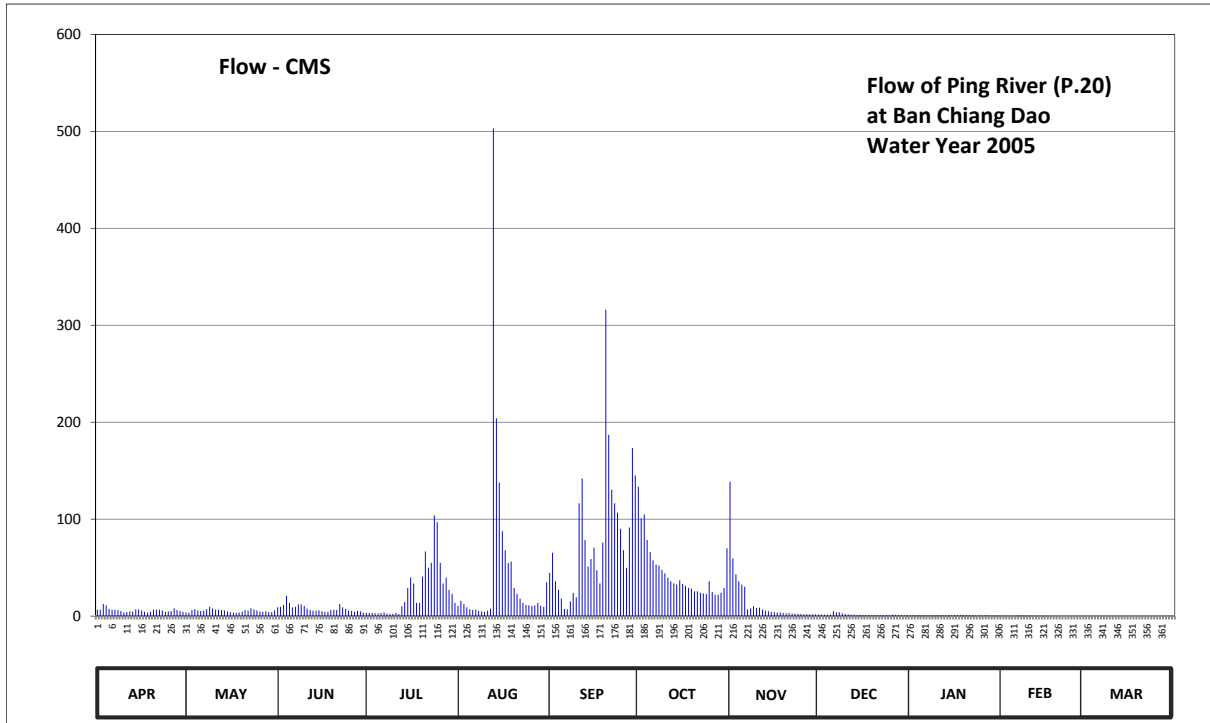
Lat 19 - 21 - 58 N Long 98 - 58 - 21 E

Location : on right bank near War Inthra Ram.

	Ban	Chiang Dao	Amphoe	Chiang Dao	Changwat	Chiang Mai
Drainage Area	1,345	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+379.900 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	About 2 meters from automatic gage building.				Elevation	+384.033 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1954 to date					
Rating Operation						
Period of Rating	1979 - 1982 , 1989 to date					
Rated by Flot	-					
Rated by Current Meter	1979 - 1982 , 1989 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Flow effected by the local weir about 300 meters downstream from the gage site. Stage-discharge relation defined by 32 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	380.45	380.35	380.52	380.34	380.55	380.92	381.58	381.62	380.35	380.28	380.15	380.07	
2	380.45	380.35	380.53	380.34	380.64	381.08	381.33	380.96	380.35	380.27	380.15	380.08	
3	380.59	380.44	380.57	380.34	380.59	380.85	381.36	380.78	380.34	380.27	380.15	380.09	
4	380.56	380.47	380.71	380.33	380.52	380.77	381.15	380.70	380.34	380.26	380.14	380.09	
5	380.48	380.43	380.61	380.33	380.47	380.67	381.03	380.65	380.34	380.25	380.14	380.09	
6	380.45	380.41	380.52	380.34	380.44	380.61	380.94	380.62	380.55	380.25	380.15	380.08	
7	380.45	380.42	380.53	380.36	380.45	380.60	380.89	380.63	380.62	380.25	380.20	380.07	
8	380.44	380.47	380.58	380.32	380.41	380.63	380.88	380.67	380.50	380.25	380.17	380.07	
9	380.41	380.53	380.58	380.31	380.40	380.74	380.83	380.74	380.44	380.25	380.16	380.06	
10	380.36	380.49	380.55	380.31	380.38	380.69	380.79	380.68	380.40	380.24	380.15	380.05	
11	380.37	380.46	380.50	380.34	380.42	381.46	380.74	380.69	380.38	380.24	380.14	380.05	
12	380.40	380.45	380.44	380.31	380.49	381.64	380.70	380.62	380.35	380.25	380.15	380.05	
13	380.39	380.44	380.42	380.54	383.80	381.18	380.67	380.59	380.34	380.24	380.13	380.04	
14	380.46	380.43	380.42	380.62	382.05	380.97	380.65	380.55	380.33	380.23	380.12	380.04	
15	380.46	380.40	380.43	380.79	381.61	381.03	380.71	380.51	380.32	380.22	380.12	380.05	
16	380.43	380.37	380.40	380.88	381.25	381.12	380.66	380.50	380.31	380.21	380.11	380.05	
17	380.38	380.36	380.38	380.83	381.10	380.94	380.63	380.48	380.31	380.21	380.11	380.04	
18	380.35	380.34	380.38	380.61	381.00	380.83	380.60	380.48	380.30	380.21	380.09	380.03	
19	380.38	380.37	380.44	380.62	381.01	381.16	380.59	380.46	380.29	380.21	380.10	380.05	
20	380.45	380.39	380.45	380.90	380.79	382.73	380.55	380.44	380.29	380.21	380.10	380.05	
21	380.45	380.44	380.44	381.09	380.73	381.94	380.55	380.45	380.29	380.21	380.09	380.05	
22	380.45	380.42	380.59	380.97	380.67	381.56	380.53	380.43	380.29	380.21	380.09	380.03	
23	380.44	380.50	380.52	381.00	380.61	381.46	380.52	380.42	380.29	380.20	380.07	380.01	
24	380.38	380.46	380.48	381.37	380.57	381.39	380.51	380.41	380.29	380.18	380.08	380.00	
25	380.39	380.43	380.44	381.32	380.56	381.27	380.70	380.40	380.29	380.18	380.08	380.01	
26	380.41	380.39	380.41	381.00	380.55	381.10	380.54	380.39	380.36	380.18	380.08	380.00	
27	380.50	380.38	380.38	380.83	380.56	380.96	380.50	380.38	380.33	380.18	380.08	380.00	
28	380.44	380.40	380.41	380.88	380.61	381.28	380.50	380.38	380.28	380.17	380.08	380.00	
29	380.41	380.37	380.40	380.77	380.55	381.85	380.53	380.37	380.27	380.17		379.98	
30	380.38	380.37	380.36	380.74	380.53	381.67	380.60	380.37	380.26	380.16		380.04	
31		380.43		380.61	380.84		381.07		380.25	380.16		380.08	
Mean	380.43	380.42	380.48	380.66	380.81	381.17	380.77	380.58	380.34	380.22	380.12	380.05	
Max	380.59	380.53	380.71	381.37	383.80	382.73	381.58	381.62	380.62	380.28	380.20	380.09	383.80
Min	380.35	380.34	380.36	380.31	380.38	380.60	380.50	380.37	380.25	380.16	380.07	379.98	379.98
Annual Max Momentary Gage Height	384.76		m. (MSL.) ,				at 10.00 Hours ,						on Aug 13 , 2005
Zero Gage at Bottom Elevation	379.90		m. (MSL.) ,			River Bed	379.12		m. (MSL.)				
Left Bank Elevation		385.62		m. (MSL.) ,									
Right Bank Elevation		386.72		m. (MSL.) ,		Drainage Are	1,345		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.55	3.55	9.06	3.25	10.55	44.60	133.40	138.60	1.57	1.06	0.53	0.05		
2	6.55	3.55	9.56	3.25	15.82	65.40	100.90	59.40	1.57	1.05	0.53	0.05		
3	12.54	6.24	11.55	3.25	12.54	36.00	104.80	43.20	1.47	1.05	0.53	0.06		
4	11.05	7.16	21.00	2.96	9.06	27.00	78.50	36.00	1.47	1.05	0.44	0.06		
5	7.46	5.94	13.74	2.96	7.16	17.91	66.00	32.50	1.47	1.04	0.44	0.06		
6	6.55	5.33	9.06	3.25	6.24	7.46	57.60	30.40	5.03	1.04	0.53	0.05		
7	6.55	5.63	9.56	3.84	6.55	7.16	53.10	6.93	4.03	1.04	1.01	0.05		
8	6.24	7.16	12.05	2.66	5.33	15.13	52.20	8.11	4.03	1.04	0.72	0.05		
9	5.33	9.56	12.05	2.37	5.02	24.00	47.70	10.22	2.85	1.04	0.63	0.04		
10	3.84	7.77	10.55	2.37	4.43	19.30	44.10	8.41	2.07	1.03	0.53	0.04		
11	4.14	6.55	7.77	3.25	5.63	116.40	39.60	8.70	1.87	1.03	0.44	0.04		
12	5.02	6.55	6.24	2.37	7.77	142.00	36.00	6.63	1.57	1.04	0.53	0.04		
13	4.73	6.24	5.63	10.06	503.00	78.40	33.90	5.84	1.47	1.03	0.34	0.04		
14	6.85	5.94	5.63	14.43	204.00	51.10	32.50	5.03	1.37	1.03	0.25	0.04		
15	6.85	5.02	5.94	29.00	137.50	58.90	36.90	4.23	1.27	1.02	0.25	0.04		
16	5.94	4.14	5.02	39.60	87.50	70.60	33.20	4.03	1.17	1.02	0.15	0.04		
17	4.43	3.55	4.43	33.60	68.00	47.20	31.10	3.64	1.17	1.02	0.15	0.04		
18	3.55	3.25	4.43	13.74	55.00	33.60	29.00	3.64	1.07	1.02	0.06	0.03		
19	4.43	3.84	6.24	13.74	56.30	75.80	28.30	3.25	1.06	1.02	0.06	0.04		
20	6.55	4.73	6.55	40.80	29.00	316.10	25.50	2.85	1.06	1.02	0.06	0.04		
21	6.55	6.24	6.24	66.70	23.00	187.00	25.50	3.05	1.06	1.02	0.06	0.04		
22	6.55	5.63	12.54	49.80	17.91	130.40	24.10	2.66	1.06	1.02	0.06	0.03		
23	5.94	8.07	9.06	55.00	13.74	116.40	23.40	2.46	1.06	0.53	0.05	0.02		
24	4.43	6.85	7.46	103.80	11.55	106.60	22.70	2.27	1.06	0.82	0.05	0.02		
25	4.73	5.94	5.63	96.80	11.05	90.10	36.00	2.07	1.06	0.82	0.05	0.02		
26	5.33	4.73	5.33	55.00	10.55	68.00	24.80	1.97	1.67	0.82	0.05	0.02		
27	8.07	4.43	4.43	33.60	11.05	49.80	22.00	1.87	1.37	0.82	0.05	0.02		
28	6.24	5.02	5.33	39.60	13.74	91.40	22.00	1.87	1.06	0.72	0.05	0.02		
29	5.33	4.14	5.02	27.00	10.55	173.50	24.10	1.77	1.05	0.72		0.02		
30	4.43	4.14	3.84	23.00	9.56	145.10	29.00	1.77	1.05	0.63		0.04		
31		5.94		13.74	34.80		70.00		1.04	0.63		0.05		
Total	182.75	172.83	240.94	794.79	1403.90	2412.36	1387.90	443.37	51.18	29.24	8.60	1.20	7129.06	CMSDAY
Mean	6.09	5.58	8.03	25.64	45.29	80.41	44.77	14.78	1.65	0.94	0.31	0.04	19.53	CMS
Max	12.54	9.56	21.00	103.80	503.00	316.10	133.40	138.60	5.03	1.06	1.01	0.06	503.00	CMS
Min	3.55	3.25	3.84	2.37	4.43	7.16	22.00	1.77	1.04	0.53	0.05	0.02	0.02	CMS
Runoff	15.79	14.93	20.82	68.67	121.30	208.43	119.91	38.31	4.42	2.53	0.74	0.10	615.95	MCM
Momentary Peak	503.00 CMS. at 384.76 m. (MSL.) at 10.00 Hours , on Aug 13 , 2005													
Runoff Yield	14.52 Liters/Second/Square KM.			Momentary Peak Yield				373.980 Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Rim at Ban Mae Rim Tai , Chiang Mai (P.21)

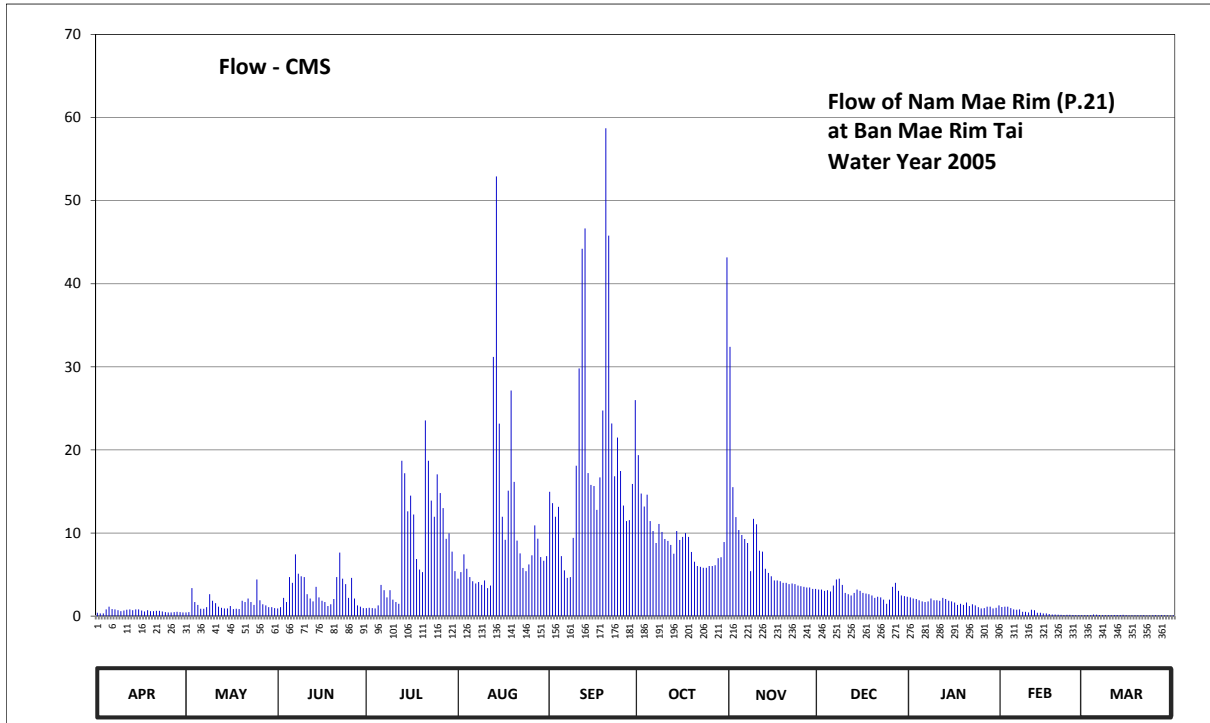
Lat 18 - 55 - 45 N Long 98 - 56 - 40 E

Location : on left bank about 100 meters downstream from the bridge of Chiang Mai - Fang Highway.

	Ban Mae Rim Tai	Amphoe Mae Rim	Changwat Chiang Mai
Drainage Area	452 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+319.700 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In the vicinity of gage observer's house.	Elevation	+323.816 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00,15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1954 to date		
Rating Operation			
Period of Rating	1954 - 1960 , 1977 to date		
Rated by Flot	-		
Rated by Current Meter	1954 - 1960 , 1977 to date		
Stability of Channel Regimes	Fairly stable by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	320.25	320.26	320.38	320.39	320.85	321.73	321.71	322.44	320.70	320.58	320.43	320.11	
2	320.23	320.27	320.41	320.40	320.93	321.64	321.38	321.44	320.70	320.56	320.42	320.11	
3	320.23	320.72	320.57	320.39	321.13	321.52	321.26	321.16	320.68	320.55	320.42	320.12	
4	320.35	320.50	320.50	320.38	320.97	321.61	321.37	321.03	320.69	320.53	320.39	320.19	
5	320.42	320.45	320.87	320.44	320.87	321.11	321.12	320.98	320.67	320.51	320.35	320.17	
6	320.36	320.37	320.80	320.77	320.82	320.95	321.02	320.94	320.76	320.50	320.34	320.13	
7	320.35	320.37	321.13	320.69	320.79	320.86	320.90	320.90	320.84	320.51	320.35	320.11	
8	320.33	320.41	320.91	320.58	320.81	320.87	321.09	320.94	320.85	320.56	320.28	320.12	
9	320.30	320.63	320.88	320.69	320.77	321.31	321.01	321.50	320.77	320.53	320.28	320.12	
10	320.32	320.52	320.87	320.54	320.83	321.94	320.94	321.45	320.65	320.53	320.26	320.11	
11	320.34	320.48	320.63	320.50	320.72	322.59	320.92	321.17	320.63	320.52	320.34	320.13	
12	320.35	320.42	320.56	320.47	320.76	323.28	320.88	321.16	320.61	320.57	320.33	320.13	
13	320.33	320.40	320.51	321.98	322.66	323.13	320.79	320.97	320.65	320.55	320.25	320.13	
14	320.35	320.38	320.74	321.88	323.66	321.57	321.02	320.92	320.70	320.52	320.25	320.15	
15	320.35	320.38	320.58	321.57	322.24	321.46	320.93	320.88	320.68	320.51	320.23	320.12	
16	320.32	320.43	320.52	321.70	321.52	321.45	320.96	320.83	320.65	320.49	320.23	320.08	
17	320.29	320.36	320.50	321.54	321.29	321.23	321.00	320.83	320.64	320.45	320.21	320.09	
18	320.33	320.37	320.43	321.08	321.74	321.53	320.96	320.82	320.63	320.47	320.20	320.09	
19	320.30	320.36	320.46	320.96	322.45	322.03	320.81	320.80	320.61	320.45	320.19	320.09	
20	320.30	320.52	320.55	320.93	321.81	323.65	320.70	320.80	320.57	320.49	320.18	320.10	
21	320.31	320.50	320.87	322.26	321.28	323.09	320.65	320.78	320.59	320.43	320.16	320.11	
22	320.31	320.56	321.15	321.98	321.14	321.94	320.64	320.79	320.58	320.46	320.13	320.07	
23	320.29	320.50	320.85	321.66	320.98	321.54	320.63	320.78	320.54	320.44	320.15	320.08	
24	320.27	320.45	320.78	321.52	320.94	321.84	320.63	320.76	320.47	320.41	320.15	320.10	
25	320.26	320.84	320.57	321.87	321.02	321.59	320.65	320.75	320.54	320.38	320.14	320.12	
26	320.26	320.53	320.86	321.72	321.12	321.27	320.65	320.74	320.74	320.39	320.11	320.08	
27	320.27	320.46	320.56	321.60	321.44	321.12	320.66	320.73	320.80	320.42	320.12	320.11	
28	320.28	320.44	320.44	321.30	321.30	321.13	320.74	320.73	320.68	320.42	320.11	320.10	
29	320.27	320.41	320.42	321.36	321.10	321.47	320.75	320.71	320.61	320.38		320.07	
30	320.26	320.41	320.39	321.16	321.06	322.10	320.91	320.71	320.60	320.40		320.06	
31		320.39		320.94	321.11		322.97		320.59	320.44		320.10	
Mean	320.31	320.45	320.66	321.14	321.29	321.75	320.99	320.98	320.66	320.48	320.25	320.11	
Max	320.42	320.84	321.15	322.26	323.66	323.65	322.97	322.44	320.85	320.58	320.43	320.19	323.66
Min	320.23	320.26	320.38	320.38	320.72	320.86	320.63	320.71	320.47	320.38	320.11	320.06	320.06
Annual Max Momentary Gage Height	323.94		m. (MSL.) ,				at 03.00 Hours ,						
Zero Gage at Bottom Elevation	319.70		m. (MSL.) ,			River Bed	319.84		m. (MSL.)				
Left Bank Elevation		325.17		m. (MSL.) ,									
Right Bank Elevation		325.16		m. (MSL.) ,		Drainage Are	452		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.40	0.44	0.92	0.96	4.50	14.95	19.36	32.40	3.20	2.26	1.10	0.11		
2	0.32	0.48	1.07	1.00	5.30	13.60	14.74	15.52	3.20	2.12	1.14	0.11		
3	0.32	3.36	2.19	0.96	7.43	11.96	13.18	11.92	3.04	2.05	1.14	0.12		
4	0.80	1.70	1.70	0.92	5.70	13.15	14.61	10.36	3.12	1.91	0.96	0.19		
5	1.14	1.35	4.70	1.28	4.70	7.21	11.44	9.76	2.96	1.77	0.80	0.17		
6	0.84	0.88	4.00	3.76	4.20	5.50	10.24	9.28	3.68	1.70	0.76	0.13		
7	0.80	0.88	7.43	3.12	3.92	4.60	8.80	8.80	4.40	1.77	0.80	0.11		
8	0.72	1.07	5.10	2.26	4.10	4.70	11.08	5.40	4.50	2.12	0.52	0.12		
9	0.60	2.64	4.80	3.12	3.76	9.41	10.12	11.70	3.76	1.91	0.52	0.12		
10	0.68	1.84	4.70	1.98	4.30	18.10	9.28	11.05	2.80	1.91	0.44	0.11		
11	0.76	1.56	2.64	1.70	3.36	29.81	9.04	7.87	2.64	1.84	0.76	0.13		
12	0.80	1.14	2.12	1.49	3.68	44.20	8.56	7.76	2.48	2.19	0.72	0.13		
13	0.72	1.00	1.77	18.70	31.20	46.66	7.50	5.70	2.80	2.05	0.40	0.13		
14	0.80	0.92	3.52	17.20	52.91	17.21	10.24	5.20	3.20	1.84	0.40	0.15		
15	0.80	0.92	2.26	12.61	23.16	15.78	9.16	4.80	3.04	1.77	0.32	0.12		
16	0.68	1.21	1.84	14.50	11.96	15.65	9.52	4.30	2.80	1.63	0.32	0.08		
17	0.56	0.84	1.70	12.22	9.19	12.79	10.00	4.30	2.72	1.35	0.24	0.09		
18	0.72	0.88	1.21	6.88	15.10	16.69	9.52	4.20	2.64	1.49	0.20	0.09		
19	0.60	0.84	1.42	5.60	27.15	24.74	7.72	4.00	2.48	1.35	0.19	0.09		
20	0.60	1.84	2.05	5.30	16.15	58.70	6.55	4.00	2.19	1.63	0.18	0.10		
21	0.64	1.70	4.70	23.54	9.08	45.78	6.02	3.84	2.33	1.21	0.16	0.11		
22	0.64	2.12	7.65	18.70	7.54	23.18	5.92	3.92	2.26	1.42	0.13	0.07		
23	0.56	1.70	4.50	13.90	5.80	16.82	5.81	3.84	1.98	1.28	0.15	0.08		
24	0.48	1.35	3.84	11.96	5.40	21.48	5.81	3.68	1.49	1.07	0.15	0.10		
25	0.44	4.40	2.19	17.05	6.22	17.47	6.02	3.60	1.98	0.92	0.14	0.12		
26	0.44	1.91	4.60	14.80	7.32	13.31	6.02	3.52	3.52	0.96	0.11	0.08		
27	0.48	1.42	2.12	13.00	10.92	11.44	6.13	3.44	4.00	1.14	0.12	0.11		
28	0.52	1.28	1.28	9.30	9.32	11.56	6.97	3.44	3.04	1.14	0.11	0.10		
29	0.48	1.07	1.14	9.96	7.10	15.91	7.08	3.28	2.48	0.92	0.11	0.07		
30	0.44	1.07	0.96	7.76	6.66	26.00	8.92	3.28	2.40	1.00	0.11	0.06		
31		0.96		5.40	7.21		43.17		2.33	1.28		0.10		
Total	18.78	44.77	90.12	260.93	324.34	588.36	318.53	214.16	89.46	49.00	12.98	3.40	2014.83	CMSDAY
Mean	0.63	1.44	3.00	8.42	10.46	19.61	10.28	7.14	2.89	1.58	0.46	0.11	5.52	CMS
Max	1.14	4.40	7.65	23.54	52.91	58.70	43.17	32.40	4.50	2.26	1.14	0.19	58.70	CMS
Min	0.32	0.44	0.92	0.92	3.36	4.60	5.81	3.28	1.49	0.92	0.11	0.06	0.06	CMS
Runoff	1.62	3.87	7.79	22.54	28.02	50.83	27.52	18.50	7.73	4.23	1.12	0.29	174.08	MCM
Momentary Peak	52.91	CMS. at 323.94 m. (MSL.) at 03.00 Hours , on Aug 14 , 2005												
Runoff Yield	12.21	Liters/Second/Square KM.		Momentary Peak Yield				117.060					Liters/Second/Square KM.	

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Klang at Pracha Uthit Bridge , Chiang Mai (P.24A)

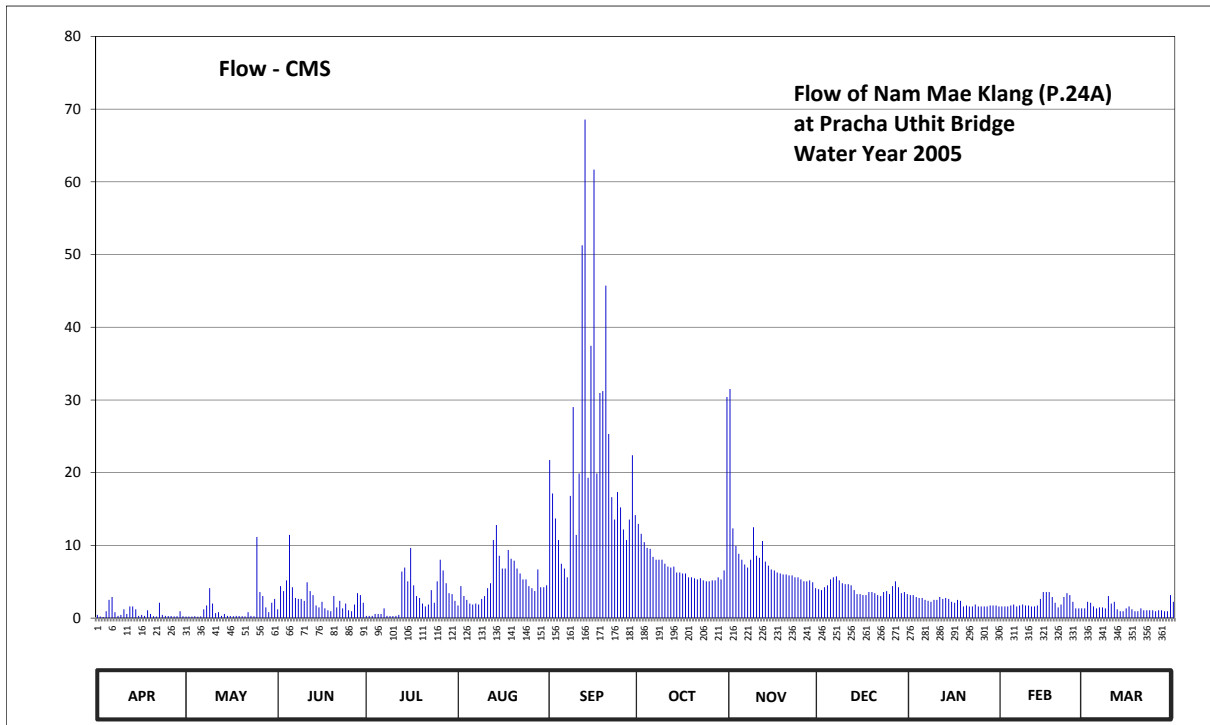
Lat 18 - 25 - 02 N Long 98 - 40 - 29 E

Location : on left bank at Pracha Uthit Bridge.

	Ban	Pracha Uthit Bridge	Amphoe	Chom Thong	Changwat	Chiang Mai
Drainage Area	452	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+275.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	near the gage observer's house.				Elevation	+277.954 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1973 to date					
Rating Operation						
Period of Rating	1973 to date					
Rated by Flot	-					
Rated by Current Meter	1973 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 40 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	275.61	275.55	275.67	275.60	275.71	277.01	276.53	277.40	275.88	275.82	275.70	275.68	
2	275.55	275.54	275.91	275.60	275.91	276.78	276.44	276.49	275.87	275.82	275.70	275.75	
3	275.50	275.54	275.86	275.60	275.81	276.58	276.36	276.32	275.90	275.80	275.70	275.74	
4	275.65	275.57	275.97	275.62	275.77	276.38	276.30	276.24	275.92	275.79	275.71	275.70	
5	275.77	275.53	276.43	275.62	275.73	276.14	276.29	276.18	275.98	275.79	275.72	275.68	
6	275.80	275.56	275.90	275.62	275.72	276.09	276.21	276.13	276.00	275.77	275.70	275.69	
7	275.64	275.67	275.79	275.68	275.73	276.00	276.18	276.10	276.01	275.76	275.71	275.69	
8	275.60	275.71	275.78	275.60	275.72	276.76	276.18	276.18	275.97	275.75	275.72	275.68	
9	275.61	275.89	275.78	275.59	275.78	277.31	276.18	276.50	275.94	275.77	275.71	275.81	
10	275.67	275.73	275.76	275.59	275.81	276.43	276.14	276.22	275.93	275.77	275.71	275.73	
11	275.62	275.63	275.95	275.60	275.89	276.92	276.11	276.20	275.93	275.80	275.70	275.75	
12	275.70	275.64	275.86	275.61	275.94	277.89	276.10	276.37	275.92	275.78	275.70	275.67	
13	275.70	275.60	275.82	276.06	276.38	278.21	276.11	276.16	275.87	275.79	275.71	275.65	
14	275.67	275.62	275.71	276.10	276.52	276.89	276.05	276.12	275.83	275.78	275.78	275.65	
15	275.60	275.60	275.69	275.96	276.22	277.57	276.05	276.08	275.83	275.75	275.85	275.68	
16	275.61	275.59	275.75	276.30	276.09	278.09	276.04	276.07	275.82	275.74	275.85	275.70	
17	275.60	275.58	275.68	275.92	276.09	276.92	276.04	276.05	275.82	275.77	275.85	275.67	
18	275.66	275.60	275.66	275.81	276.28	277.38	276.00	276.04	275.85	275.76	275.80	275.65	
19	275.62	275.59	275.65	275.79	276.19	277.39	276.00	276.03	275.85	275.70	275.74	275.65	
20	275.58	275.57	275.81	275.73	276.17	277.77	275.99	276.03	275.84	275.71	275.69	275.68	
21	275.54	275.56	275.69	275.70	276.09	277.17	275.98	276.02	275.82	275.70	275.72	275.66	
22	275.74	275.64	275.76	275.72	276.04	276.75	275.99	276.02	275.81	275.70	275.80	275.66	
23	275.61	275.60	275.68	275.87	275.98	276.57	275.97	276.00	275.85	275.72	275.84	275.66	
24	275.60	275.58	275.73	275.74	275.98	276.79	275.96	276.00	275.86	275.70	275.82	275.66	
25	275.59	276.41	275.66	275.96	275.91	276.67	275.96	275.98	275.83	275.70	275.75	275.65	
26	275.59	275.85	275.65	276.18	275.89	276.48	275.97	275.96	275.91	275.70	275.68	275.66	
27	275.56	275.81	275.72	276.07	275.86	276.38	275.97	275.96	275.96	275.70	275.68	275.66	
28	275.58	275.69	275.84	275.94	276.08	276.57	276.00	275.97	275.90	275.71	275.68	275.65	
29	275.65	275.64	275.82	275.84	275.90	277.04	275.98	275.95	275.84	275.71		275.65	
30	275.58	275.74	275.74	275.83	275.90	276.61	276.07	275.89	275.85	275.71		275.82	
31		275.78		275.76	275.92		277.36		275.83	275.70		275.75	
Mean	275.63	275.66	275.79	275.79	275.97	276.92	276.15	276.16	275.88	275.75	275.74	275.69	
Max	275.80	276.41	276.43	276.30	276.52	278.21	277.36	277.40	276.01	275.82	275.85	275.82	278.21
Min	275.50	275.53	275.65	275.59	275.71	276.00	275.96	275.89	275.81	275.70	275.68	275.65	275.50
Annual Max Momentary Gage Height	278.63		m. (MSL.) ,			at 06.00 Hours ,		on Sep 13 , 2005					
Zero Gage at Bottom Elevation	275.00		m. (MSL.) ,			River Bed	275.25	m. (MSL.)					
Left Bank Elevation		280.19		m. (MSL.) ,									
Right Bank Elevation		280.09		m. (MSL.) ,		Drainage Are	452	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.43	0.22	1.21	0.30	1.73	21.73	12.95	31.50	3.98	3.17	1.60	1.34	
2	0.22	0.21	4.39	0.30	4.39	17.15	11.60	12.35	3.85	3.17	1.60	2.25	
3	0.15	0.21	3.71	0.30	3.04	13.70	10.46	9.92	4.25	2.90	1.60	2.12	
4	0.95	0.26	5.20	0.56	2.51	10.73	9.65	8.84	4.52	2.77	1.73	1.60	
5	2.51	0.19	11.45	0.56	1.99	7.49	9.52	8.03	5.33	2.77	1.86	1.34	
6	2.90	0.24	4.25	0.56	1.86	6.82	8.43	7.36	5.60	2.51	1.60	1.47	
7	0.82	1.21	2.77	1.34	1.99	5.60	8.03	6.95	5.74	2.38	1.73	1.47	
8	0.30	1.73	2.64	0.30	1.86	16.80	8.03	8.03	5.20	2.25	1.86	1.34	
9	0.43	4.12	2.64	0.28	2.64	29.02	8.03	12.50	4.79	2.51	1.73	3.04	
10	1.21	1.99	2.38	0.28	3.04	11.45	7.49	8.57	4.66	2.51	1.73	1.99	
11	0.56	0.69	4.93	0.30	4.12	19.90	7.08	8.30	4.66	2.90	1.60	2.25	
12	1.60	0.82	3.71	0.43	4.79	51.28	6.95	10.60	4.52	2.64	1.60	1.21	
13	1.60	0.30	3.17	6.41	10.73	68.57	7.08	7.76	3.85	2.77	1.73	0.95	
14	1.21	0.56	1.73	6.95	12.80	19.30	6.27	7.22	3.30	2.64	2.64	0.95	
15	0.30	0.30	1.47	5.06	8.57	37.45	6.27	6.68	3.30	2.25	3.58	1.34	
16	0.43	0.28	2.25	9.65	6.82	61.67	6.14	6.55	3.17	2.12	3.58	1.60	
17	0.30	0.27	1.34	4.52	6.82	19.90	6.14	6.27	3.17	2.51	3.58	1.21	
18	1.08	0.30	1.08	3.04	9.38	30.95	5.60	6.14	3.58	2.38	2.90	0.95	
19	0.56	0.28	0.95	2.77	8.17	31.23	5.60	6.01	3.58	1.60	2.12	0.95	
20	0.27	0.26	3.04	1.99	7.90	45.72	5.47	6.01	3.44	1.73	1.47	1.34	
21	0.21	0.24	1.47	1.60	6.82	25.33	5.33	5.87	3.17	1.60	1.86	1.08	
22	2.12	0.82	2.38	1.86	6.14	16.63	5.47	5.87	3.04	1.60	2.90	1.08	
23	0.43	0.30	1.34	3.85	5.33	13.55	5.20	5.60	3.58	1.86	3.44	1.08	
24	0.30	0.27	1.99	2.12	5.33	17.33	5.06	5.60	3.71	1.60	3.17	1.08	
25	0.28	11.15	1.08	5.06	4.39	15.23	5.06	5.33	3.30	1.60	2.25	0.95	
26	0.28	3.58	0.95	8.03	4.12	12.20	5.20	5.06	4.39	1.60	1.34	1.08	
27	0.24	3.04	1.86	6.55	3.71	10.73	5.20	5.06	5.06	1.60	1.34	1.08	
28	0.27	1.47	3.44	4.79	6.68	13.55	5.60	5.20	4.25	1.73	1.34	0.95	
29	0.95	0.82	3.17	3.44	4.25	22.40	5.33	4.93	3.44	1.73		0.95	
30	0.27	2.12	2.12	3.30	4.25	14.17	6.55	4.12	3.58	1.73		3.17	
31		2.64		2.38	4.52		30.40		3.30	1.60		2.25	
Total	23.18	40.89	84.11	88.88	160.69	687.58	241.19	238.23	125.31	68.73	59.48	45.46	1863.73 CMSDAY
Mean	0.77	1.32	2.80	2.87	5.18	22.92	7.78	7.94	4.04	2.22	2.12	1.47	5.11 CMS
Max	2.90	11.15	11.45	9.65	12.80	68.57	30.40	31.50	5.74	3.17	3.58	3.17	68.57 CMS
Min	0.15	0.19	0.95	0.28	1.73	5.60	5.06	4.12	3.04	1.60	1.34	0.95	0.15 CMS
Runoff	2.00	3.53	7.27	7.68	13.88	59.41	20.84	20.58	10.83	5.94	5.14	3.93	161.03 MCM
Momentary Peak	95.02	CMS.	at 278.63 m. (MSL.)										on Sep 13, 2005
Runoff Yield	11.30	Liters/Second/Square KM.											Momentary Peak Yield 210.221 Liters/Second/Square KM.

WATER YEAR : 2005

PING RIVER BASIN

Khleng Suan Mak at Ban Mai , Kamphaeng Phet (P.26A)

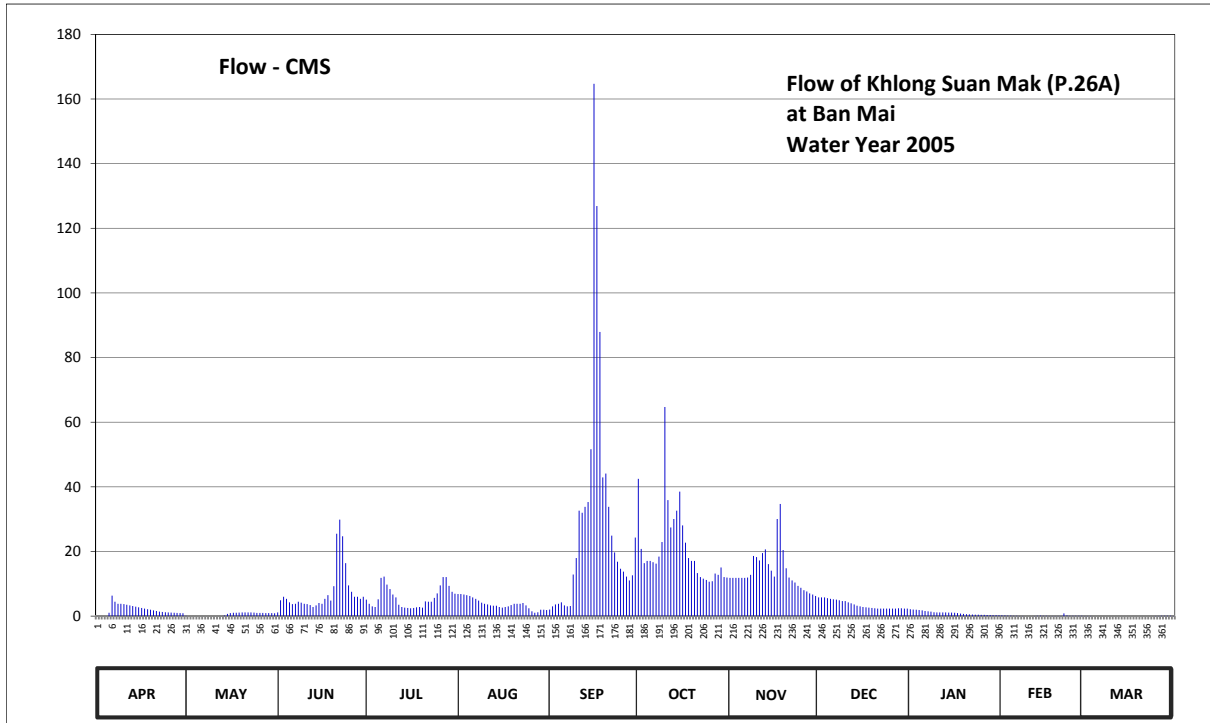
Lat 16 - 26 - 55 N Long 99 - 26 - 28 E

Location : on right bank about 615 meters downstream from tha Kradan Wair.

	Ban Mai	Amphoe Mueang	Changwat Kamphaeng Phet
Drainage Area	974 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+84.110 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 30 meters from the south of Wat Sri Phirom.	Elevation	+89.637 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1971 to date		
Rating Operation			
Period of Rating	1972 - 1974 , 1980 to date		
Rated by Flot	-		
Rated by Current Meter	1972 - 1974 , 1980 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Tha Kradan weir about 3.5 kilometers above gage site. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	83.64	83.75	83.99	84.39	84.54	84.09	86.35	84.94	84.45	84.10	83.81	83.73	
2	83.64	83.71	84.37	84.27	84.54	84.19	85.53	84.94	84.45	84.09	83.80	83.73	
3	83.64	83.69	84.47	84.19	84.53	84.25	85.26	84.94	84.45	84.08	83.78	83.72	
4	83.69	83.67	84.41	84.17	84.51	84.27	85.31	84.94	84.43	84.07	83.77	83.71	
5	83.97	83.67	84.31	84.40	84.49	84.31	85.31	84.94	84.41	84.06	83.76	83.71	
6	84.50	83.65	84.26	84.94	84.45	84.22	85.28	84.94	84.40	84.04	83.75	83.69	
7	84.33	83.65	84.27	84.97	84.41	84.19	85.25	84.95	84.39	84.03	83.73	83.69	
8	84.27	83.64	84.33	84.78	84.36	84.20	85.40	85.01	84.37	84.02	83.72	83.69	
9	84.27	83.64	84.30	84.67	84.30	85.02	85.64	85.41	84.35	84.00	83.71	83.71	
10	84.26	83.64	84.27	84.53	84.27	85.37	86.76	85.39	84.35	83.99	83.71	83.71	
11	84.24	83.66	84.26	84.45	84.25	86.07	86.18	85.32	84.31	83.99	83.70	83.71	
12	84.22	83.66	84.23	84.24	84.22	86.05	85.86	85.46	84.28	83.99	83.72	83.71	
13	84.20	83.69	84.17	84.17	84.21	86.11	85.98	85.52	84.25	83.99	83.75	83.71	
14	84.18	83.80	84.22	84.15	84.21	86.16	86.07	85.24	84.21	83.98	83.78	83.71	
15	84.16	83.90	84.29	84.14	84.17	86.53	86.25	85.10	84.19	83.98	83.75	83.70	
16	84.14	83.95	84.27	84.13	84.15	88.13	85.89	84.97	84.17	83.97	83.74	83.69	
17	84.12	83.97	84.41	84.14	84.17	87.67	85.63	85.98	84.16	83.95	83.73	83.69	
18	84.10	83.97	84.51	84.16	84.19	87.13	85.37	86.14	84.15	83.92	83.72	83.69	
19	84.08	83.98	84.36	84.17	84.23	86.36	85.31	85.51	84.14	83.90	83.73	83.69	
20	84.06	83.99	84.74	84.15	84.27	86.39	85.31	85.15	84.13	83.88	83.73	83.68	
21	84.04	83.99	85.77	84.34	84.27	86.11	85.05	84.95	84.12	83.87	83.73	83.68	
22	84.02	83.99	85.97	84.33	84.27	85.74	84.96	84.88	84.12	83.86	83.93	83.68	
23	84.01	83.99	85.73	84.33	84.29	85.47	84.92	84.83	84.12	83.85	83.79	83.70	
24	84.00	83.98	85.26	84.44	84.22	85.29	84.89	84.75	84.12	83.85	83.75	83.71	
25	83.99	83.96	84.76	84.56	84.13	85.14	84.85	84.70	84.12	83.84	83.75	83.72	
26	83.98	83.96	84.60	84.76	84.03	85.08	84.86	84.64	84.12	83.84	83.74	83.73	
27	83.97	83.96	84.47	84.96	83.97	84.97	85.04	84.61	84.12	83.83	83.74	83.74	
28	83.96	83.95	84.47	84.96	84.00	84.88	85.01	84.56	84.13	83.83	83.74	83.75	
29	83.95	83.95	84.41	84.75	84.08	85.00	85.17	84.53	84.13	83.82	83.75	83.75	
30	83.94	83.95	84.47	84.60	84.08	85.71	84.96	84.49	84.12	83.82	83.74	83.74	
31		83.94		84.55	84.07		84.95		84.12	83.81	83.73	83.73	
Mean	84.05	83.84	84.54	84.44	84.25	85.47	85.44	85.06	84.24	83.94	83.75	83.71	
Max	84.50	83.99	85.97	84.97	84.54	88.13	86.76	86.14	84.45	84.10	83.93	83.75	88.13
Min	83.64	83.64	83.99	84.13	83.97	84.09	84.85	84.49	84.12	83.81	83.70	83.68	83.64
Annual Max Momentary Gage Height	88.19		m. (MSL.) ,			at 12.00 Hours ,	on Sep 16 , 2005						
Zero Gage at Bottom Elevation	84.11		m. (MSL.) ,			River Bed	83.25	m. (MSL.)					
Left Bank Elevation		89.30		m. (MSL.) ,									
Right Bank Elevation		91.46		m. (MSL.) ,		Drainage Are	974	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.10	1.15	5.09	6.81	2.05	42.50	11.82	5.77	2.15	0.25	0.06	
2	0.00	0.02	4.89	3.83	6.81	3.01	20.80	11.82	5.77	2.05	0.20	0.06	
3	0.00	0.00	6.01	3.01	6.69	3.63	16.37	11.82	5.77	1.96	0.16	0.04	
4	0.00	0.00	5.32	2.82	6.47	3.83	17.09	11.82	5.54	1.87	0.14	0.02	
5	1.05	0.00	4.25	5.20	6.23	4.25	17.09	11.82	5.32	1.77	0.12	0.02	
6	6.35	0.00	3.73	11.82	5.77	3.31	16.66	11.82	5.20	1.58	0.10	0.00	
7	4.47	0.00	3.83	12.21	5.32	3.01	16.23	11.95	5.09	1.48	0.06	0.00	
8	3.83	0.00	4.47	9.75	4.78	3.10	18.40	12.75	4.89	1.39	0.04	0.00	
9	3.83	0.00	4.15	8.37	4.15	12.89	22.90	18.59	4.67	1.20	0.02	0.02	
10	3.73	0.00	3.83	6.69	3.83	17.97	64.70	18.25	4.67	1.15	0.02	0.02	
11	3.52	0.00	3.73	5.77	3.63	32.60	35.90	17.24	4.25	1.15	0.00	0.02	
12	3.31	0.00	3.42	3.52	3.31	32.00	27.42	19.51	3.94	1.15	0.04	0.02	
13	3.10	0.00	2.82	2.82	3.21	33.80	30.06	20.62	3.63	1.15	0.10	0.02	
14	2.91	0.20	3.31	2.63	3.21	35.30	32.60	16.08	3.21	1.10	0.16	0.02	
15	2.72	0.70	4.05	2.53	2.82	51.65	38.50	14.05	3.01	1.10	0.10	0.00	
16	2.53	0.95	3.83	2.43	2.63	164.70	28.08	12.21	2.82	1.05	0.08	0.00	
17	2.34	1.05	5.32	2.53	2.82	126.92	22.70	30.06	2.72	0.95	0.06	0.00	
18	2.15	1.05	6.47	2.72	3.01	87.95	17.97	34.70	2.63	0.80	0.04	0.00	
19	1.96	1.10	4.78	2.82	3.42	42.90	17.09	20.44	2.53	0.70	0.06	0.00	
20	1.77	1.15	9.25	2.63	3.83	44.10	17.09	14.78	2.43	0.60	0.06	0.00	
21	1.58	1.15	25.50	4.57	3.83	33.80	13.33	11.95	2.34	0.55	0.06	0.00	
22	1.39	1.15	29.84	4.47	3.83	24.90	12.08	11.04	2.34	0.50	0.85	0.00	
23	1.30	1.15	24.70	4.47	4.05	19.70	11.56	10.39	2.34	0.45	0.18	0.00	
24	1.20	1.10	16.37	5.66	3.31	16.81	11.17	9.37	2.34	0.45	0.10	0.02	
25	1.15	1.00	9.50	7.04	2.43	14.63	10.65	8.75	2.34	0.40	0.10	0.04	
26	1.10	1.00	7.50	9.50	1.48	13.76	10.78	8.00	2.34	0.40	0.08	0.06	
27	1.05	1.00	6.01	12.08	1.05	12.21	13.18	7.63	2.34	0.35	0.08	0.08	
28	1.00	0.95	6.01	12.08	1.20	11.04	12.75	7.04	2.43	0.35	0.08	0.10	
29	0.95	0.95	5.32	9.37	1.96	12.60	15.07	6.69	2.43	0.30		0.10	
30	0.90	0.95	6.01	7.50	1.96	24.30	12.08	6.23	2.34	0.30		0.08	
31		0.90		6.93	1.87		11.95		2.34	0.25		0.06	
Total	61.19	17.62	225.37	182.86	115.72	892.72	654.75	419.24	109.78	30.65	3.34	0.86	2714.10 CMSDAY
Mean	2.04	0.57	7.51	5.90	3.73	29.76	21.12	13.97	3.54	0.99	0.12	0.03	7.44 CMS
Max	6.35	1.15	29.84	12.21	6.81	164.70	64.70	34.70	5.77	2.15	0.85	0.10	164.70 CMS
Min	0.00	0.00	1.15	2.43	1.05	2.05	10.65	6.23	2.34	0.25	0.00	0.00	0.00 CMS
Runoff	5.29	1.52	19.47	15.80	10.00	77.13	56.57	36.22	9.49	2.65	0.29	0.07	234.50 MCM
Momentary Peak		170.10 CMS.											at 88.19 m. (MSL.) at 12.00 Hours , on Sep 16 , 2005
Runoff Yield		7.63											Liters/Second/Square KM. Momentary Peak Yield 174.641 Liters/Second/Square KM.

WATER YEAR : 2005

PING RIVER BASIN

Khlong Suan Mak at Ban Pong Nam Ron , Kamphaeng Phet (P.47)

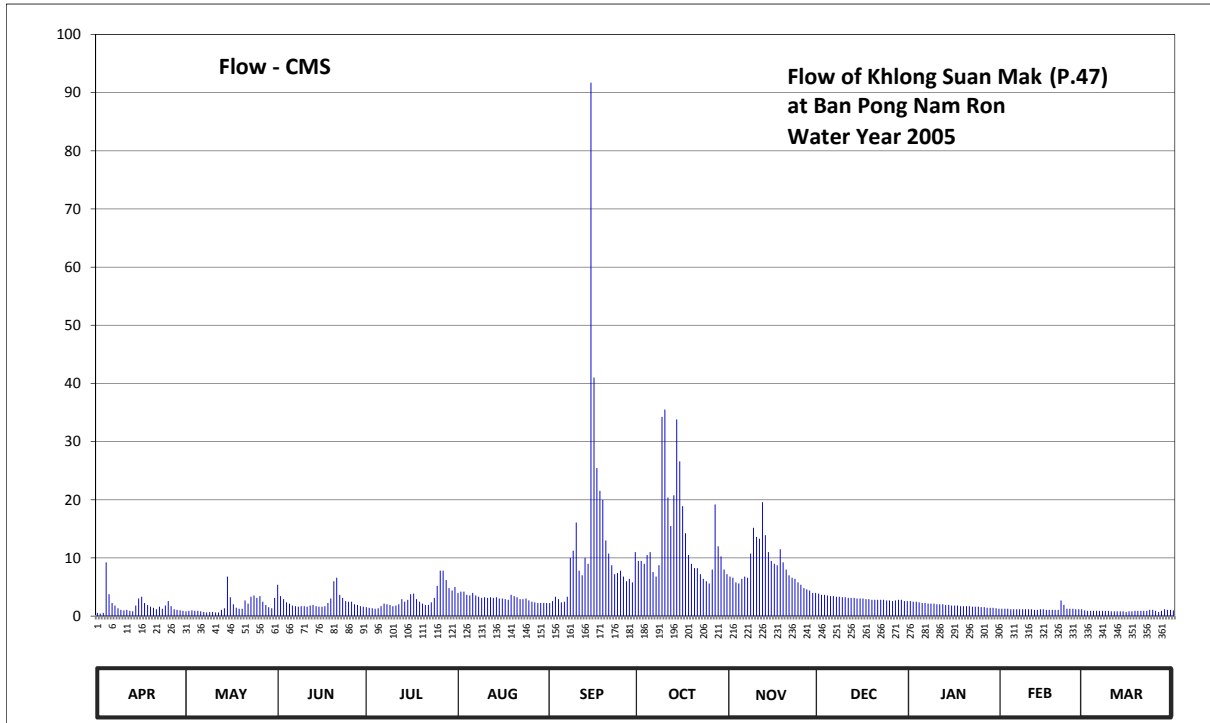
Lat 16 - 20 - 04 N Long 99 - 26 - 16 E

Location : on right bank at Ban Pong Ron.

	Ban Pong Nam Ron	Amphoe Khlong Lan	Changwat Kamphaeng Phet
Drainage Area	529 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+143.770 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 9 meters from the top staff gage.	Elevation	+153.134 m. (MSL.)
Gage Reading Frequency	16-time daily readings at 03.00, 06.00 - 18.00, 21.00 and 24.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 16 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1983 to date		
Rated by Flot	-		
Rated by Current Meter	1983 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 35 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	143.66	143.69	144.07	143.77	144.00	143.84	144.26	144.14	143.99	143.87	143.74	143.71	
2	143.65	143.70	143.95	143.76	144.01	143.87	144.26	144.13	143.97	143.86	143.74	143.70	
3	143.66	143.71	143.90	143.75	144.01	143.94	144.24	144.09	143.97	143.86	143.74	143.70	
4	144.25	143.70	143.85	143.74	143.97	143.90	144.30	144.08	143.96	143.85	143.73	143.70	
5	143.98	143.70	143.83	143.75	143.96	143.85	144.32	144.12	143.95	143.84	143.73	143.70	
6	143.84	143.69	143.80	143.79	144.00	143.86	144.18	144.14	143.95	143.84	143.73	143.70	
7	143.80	143.68	143.79	143.83	143.96	143.94	144.14	144.13	143.94	143.83	143.73	143.70	
8	143.75	143.67	143.78	143.82	143.94	144.28	144.23	144.31	143.94	143.83	143.73	143.70	
9	143.72	143.68	143.79	143.81	143.92	144.33	144.97	144.47	143.93	143.83	143.73	143.70	
10	143.71	143.68	143.79	143.79	143.93	144.50	145.00	144.42	143.93	143.82	143.73	143.69	
11	143.72	143.67	143.78	143.80	143.92	144.19	144.63	144.41	143.92	143.82	143.73	143.69	
12	143.70	143.67	143.80	143.82	143.93	144.15	144.48	144.61	143.92	143.82	143.72	143.69	
13	143.69	143.72	143.81	143.90	143.92	144.28	144.64	144.43	143.92	143.81	143.72	143.69	
14	143.80	143.75	143.79	143.86	143.93	144.24	144.96	144.32	143.91	143.81	143.73	143.69	
15	143.91	144.14	143.78	143.89	143.91	145.96	144.79	144.26	143.91	143.80	143.73	143.68	
16	143.94	143.93	143.78	143.98	143.91	145.11	144.59	144.24	143.91	143.80	143.72	143.69	
17	143.84	143.82	143.79	143.99	143.90	144.76	144.44	144.23	143.90	143.80	143.72	143.69	
18	143.81	143.76	143.84	143.90	143.89	144.66	144.30	144.34	143.90	143.79	143.72	143.70	
19	143.78	143.74	143.91	143.86	143.97	144.62	144.24	144.25	143.89	143.79	143.72	143.70	
20	143.76	143.74	144.10	143.83	143.95	144.40	144.21	144.20	143.89	143.79	143.72	143.70	
21	143.73	143.88	144.13	143.81	143.93	144.31	144.21	144.15	143.89	143.79	143.88	143.70	
22	143.78	143.83	143.97	143.81	143.90	144.23	144.16	144.13	143.89	143.78	143.81	143.70	
23	143.74	143.94	143.92	143.85	143.90	144.16	144.12	144.12	143.89	143.78	143.74	143.72	
24	143.80	143.96	143.87	143.92	143.91	144.17	144.10	144.09	143.88	143.78	143.74	143.72	
25	143.87	143.92	143.86	144.06	143.88	144.19	144.08	144.07	143.88	143.77	143.74	143.70	
26	143.79	143.95	143.86	144.19	143.86	144.14	144.20	144.04	143.87	143.77	143.73	143.68	
27	143.73	143.86	143.82	144.19	143.85	144.10	144.60	144.03	143.88	143.76	143.73	143.70	
28	143.72	143.81	143.81	144.11	143.84	144.12	144.36	144.02	143.89	143.76	143.73	143.73	
29	143.71	143.77	143.79	144.04	143.84	144.09	144.29	144.00	143.89	143.76		143.72	
30	143.70	143.75	143.78	144.02	143.84	144.32	144.20	144.00	143.87	143.75		143.72	
31		143.92		144.05	143.84		144.16		143.87	143.74		143.71	
Mean	143.78	143.79	143.86	143.89	143.92	144.28	144.38	144.20	143.91	143.80	143.74	143.70	
Max	144.25	144.14	144.13	144.19	144.01	145.96	145.00	144.61	143.99	143.87	143.88	143.73	145.96
Min	143.65	143.67	143.78	143.74	143.84	143.84	144.08	144.00	143.87	143.74	143.72	143.68	143.65
Annual Max Momentary Gage Height	146.12		m. (MSL.) ,			at 03.00 Hours ,	on Sep 15 , 2005						
Zero Gage at Bottom Elevation	143.77		m. (MSL.) ,			River Bed	143.35	m. (MSL.)					
Left Bank Elevation		148.07		m. (MSL.) ,									
Right Bank Elevation		149.49		m. (MSL.) ,		Drainage Are	529	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.54	0.81	5.40	1.53	4.00	2.24	9.50	6.80	3.89	2.57	1.26	0.99	
2	0.45	0.90	3.45	1.44	4.20	2.57	9.50	6.60	3.67	2.46	1.26	0.90	
3	0.54	0.99	2.90	1.35	4.20	3.34	9.00	5.80	3.67	2.46	1.26	0.90	
4	9.25	0.90	2.35	1.26	3.67	2.90	10.50	5.60	3.56	2.35	1.17	0.90	
5	3.78	0.90	2.13	1.35	3.56	2.35	11.00	6.40	3.45	2.24	1.17	0.90	
6	2.24	0.81	1.80	1.71	4.00	2.46	7.60	6.80	3.45	2.24	1.17	0.90	
7	1.80	0.72	1.71	2.13	3.56	3.34	6.80	6.60	3.34	2.13	1.17	0.90	
8	1.35	0.63	1.62	2.02	3.34	10.00	8.75	10.75	3.34	2.13	1.17	0.90	
9	1.08	0.72	1.71	1.91	3.12	11.25	34.23	15.17	3.23	2.13	1.17	0.90	
10	0.99	0.72	1.71	1.71	3.23	16.10	35.50	13.62	3.23	2.02	1.17	0.81	
11	1.08	0.63	1.62	1.80	3.12	7.80	20.37	13.31	3.12	2.02	1.17	0.81	
12	0.90	0.63	1.80	2.02	3.23	7.00	15.48	19.59	3.12	2.02	1.08	0.81	
13	0.81	1.08	1.91	2.90	3.12	10.00	20.76	13.93	3.12	1.91	1.08	0.81	
14	1.80	1.35	1.71	2.46	3.23	9.00	33.80	11.00	3.01	1.91	1.17	0.81	
15	3.01	6.80	1.62	2.79	3.01	91.70	26.61	9.50	3.01	1.80	1.17	0.72	
16	3.34	3.23	1.62	3.78	3.01	41.00	18.89	9.00	3.01	1.80	1.08	0.81	
17	2.24	2.02	1.71	3.89	2.90	25.44	14.24	8.75	2.90	1.80	1.08	0.81	
18	1.91	1.44	2.24	2.90	2.79	21.54	10.50	11.50	2.90	1.71	1.08	0.90	
19	1.62	1.26	3.01	2.46	3.67	19.98	9.00	9.25	2.79	1.71	1.08	0.90	
20	1.44	1.26	6.00	2.13	3.45	13.00	8.25	8.00	2.79	1.71	1.08	0.90	
21	1.17	2.68	6.60	1.91	3.23	10.75	8.25	7.00	2.79	1.71	2.68	0.90	
22	1.62	2.13	3.67	1.91	2.90	8.75	7.20	6.60	2.79	1.62	1.91	0.90	
23	1.26	3.34	3.12	2.35	2.90	7.20	6.40	6.40	2.79	1.62	1.26	1.08	
24	1.80	3.56	2.57	3.12	3.01	7.40	6.00	5.80	2.68	1.62	1.26	1.08	
25	2.57	3.12	2.46	5.20	2.68	7.80	5.60	5.40	2.68	1.53	1.26	0.90	
26	1.71	3.45	2.46	7.80	2.46	6.80	8.00	4.80	2.57	1.53	1.17	0.72	
27	1.17	2.46	2.02	7.80	2.35	6.00	19.20	4.60	2.68	1.44	1.17	0.90	
28	1.08	1.91	1.91	6.20	2.24	6.40	12.00	4.40	2.79	1.44	1.17	1.17	
29	0.99	1.53	1.71	4.80	2.24	5.80	10.25	4.00	2.79	1.44		1.08	
30	0.90	1.35	1.62	4.40	2.24	11.00	8.00	4.00	2.57	1.35		1.08	
31		3.12		5.00	2.24		7.20		2.57	1.26		0.99	
Total	54.44	56.45	76.16	94.03	96.90	380.91	418.38	250.97	94.30	57.68	34.92	28.08	1643.22 CMSDAY
Mean	1.81	1.82	2.54	3.03	3.13	12.70	13.50	8.37	3.04	1.86	1.25	0.91	4.50 CMS
Max	9.25	6.80	6.60	7.80	4.20	91.70	35.50	19.59	3.89	2.57	2.68	1.17	91.70 CMS
Min	0.45	0.63	1.62	1.26	2.24	2.24	5.60	4.00	2.57	1.26	1.08	0.72	0.45 CMS
Runoff	4.70	4.88	6.58	8.12	8.37	32.91	36.15	21.68	8.15	4.98	3.02	2.43	141.97 MCM
Momentary Peak		103.50 CMS.		at 146.12 m. (MSL.)		at 03.00 Hours ,		on Sep 15 , 2005					
Runoff Yield		8.51		Liters/Second/Square KM.		Momentary Peak Yield	195.652		Liters/Second/Square KM.				

WATER YEAR : 2005

PING RIVER BASIN

Khlong Wang Chao at Ban Thai Tawee , Kamphaeng Phet (P.50A)

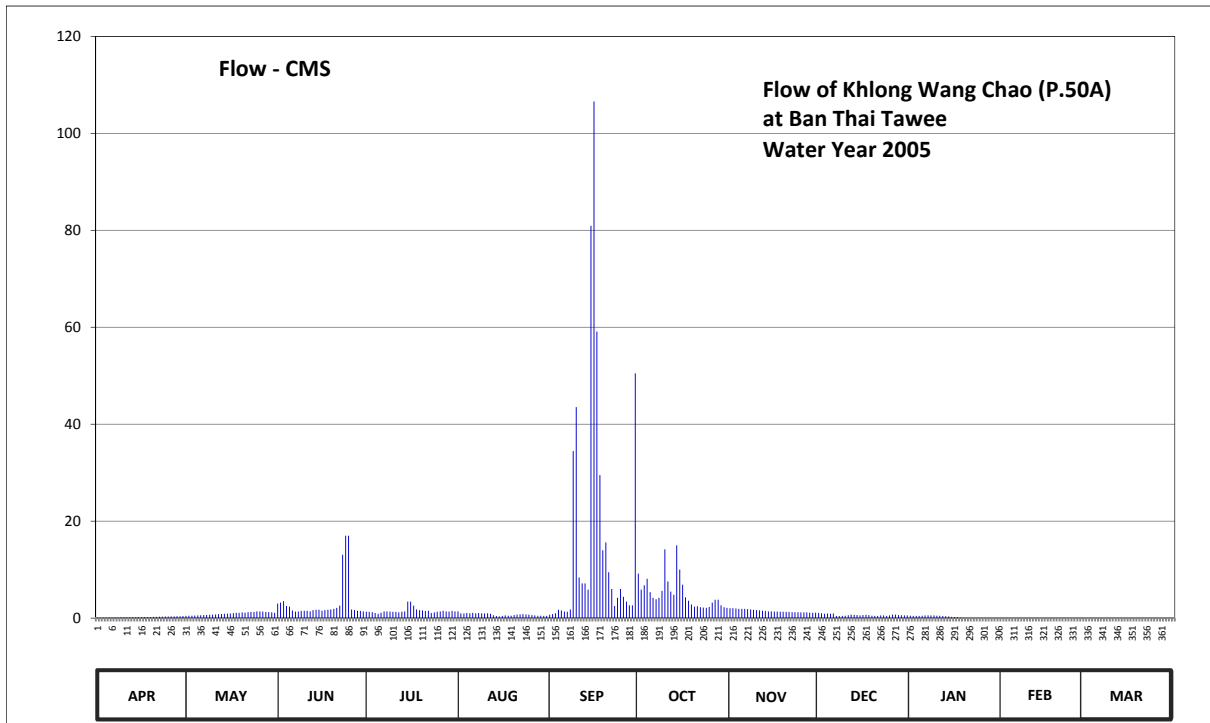
Lat 16 - 32 - 45 N Long 99 - 14 - 57 E

Location : on left bank at Ban Thai Tawee.

	Ban Thai Tawee	Amphoe Kosumpee Nakhon	Changwat Kamphaeng Phet
Drainage Area	480 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+104.360 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10 meters from the top staff gage.	Elevation	+109.873 m. (MSL.)
Gage Reading Frequency	5-time daily reading at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	106.62	106.07	105.83	105.58	105.60	105.44	106.34	105.70	105.53	105.40	105.09	105.93	
2	106.63	106.09	105.85	105.57	105.51	105.47	106.09	105.70	105.51	105.39	105.10	105.90	
3	106.64	106.11	105.88	105.56	105.50	105.51	106.16	105.69	105.49	105.39	105.11	105.91	
4	106.57	106.07	105.77	105.52	105.52	105.65	106.26	105.68	105.50	105.39	105.13	105.91	
5	106.35	106.01	105.75	105.49	105.51	105.63	106.05	105.68	105.49	105.40	105.14	105.93	
6	106.32	105.93	105.63	105.54	105.53	105.59	105.95	105.68	105.50	105.41	105.15	105.91	
7	106.33	105.88	105.59	105.60	105.51	105.58	105.92	105.67	105.39	105.41	105.13	105.90	
8	106.34	105.84	105.59	105.60	105.52	105.66	105.95	105.66	105.38	105.41	105.15	105.92	
9	106.35	105.82	105.61	105.59	105.51	107.19	106.07	105.65	105.39	105.41	105.16	105.92	
10	106.33	105.83	105.62	105.57	105.50	107.31	106.64	105.64	105.40	105.40	105.17	105.93	
11	106.32	105.81	105.62	105.57	105.51	106.28	106.22	105.63	105.42	105.40	105.17	105.92	
12	106.34	105.79	105.60	105.55	105.49	106.19	106.06	105.62	105.45	105.38	105.15	105.92	
13	106.33	105.78	105.64	105.58	105.42	106.19	106.01	105.61	105.44	105.37	105.14	105.92	
14	106.32	105.76	105.65	105.60	105.38	106.09	106.68	105.60	105.43	105.36	105.13	105.94	
15	106.32	105.74	105.65	105.87	105.36	107.67	106.40	105.60	105.41	105.33	105.12	105.93	
16	106.36	105.71	105.62	105.87	105.39	107.86	106.17	105.59	105.43	105.32	105.11	105.94	
17	106.38	105.63	105.64	105.78	105.41	107.48	105.96	105.59	105.44	105.30	105.10	105.87	
18	106.38	105.54	105.65	105.66	105.40	107.10	105.89	105.58	105.43	105.28	105.12	105.84	
19	106.39	105.53	105.66	105.64	105.40	106.63	105.81	105.58	105.40	105.26	105.13	105.85	
20	106.40	105.55	105.68	105.63	105.43	106.71	105.75	105.57	105.39	105.24	105.16	105.88	
21	106.41	105.54	105.71	105.61	105.45	106.36	105.76	105.57	105.39	105.21	105.19	105.91	
22	106.41	105.56	105.78	105.62	105.46	106.10	105.73	105.56	105.41	105.20	105.22	105.90	
23	106.42	105.57	106.58	105.52	105.47	105.77	105.72	105.56	105.41	105.18	105.23	105.90	
24	106.37	105.57	106.78	105.55	105.46	105.95	105.71	105.56	105.39	105.18	105.23	105.89	
25	106.36	105.60	106.78	105.58	105.45	106.10	105.74	105.55	105.41	105.17	105.23	105.89	
26	106.34	105.60	105.66	105.60	105.43	105.97	105.85	105.55	105.45	105.14	105.60	105.88	
27	106.33	105.59	105.64	105.62	105.41	105.87	105.91	105.55	105.45	105.12	105.86	105.88	
28	106.32	105.57	105.62	105.60	105.40	105.79	105.91	105.54	105.43	105.10	105.86	105.88	
29	106.31	105.56	105.61	105.59	105.40	105.79	105.79	105.54	105.42	105.09		105.88	
30	106.30	105.55	105.60	105.61	105.39	107.40	105.73	105.54	105.41	105.09		105.89	
31		105.53		105.60	105.39		105.71		105.41	105.08		105.89	
Mean	106.39	105.73	105.78	105.61	105.46	106.28	106.00	105.61	105.43	105.28	105.22	105.90	
Max	106.64	106.11	106.78	105.87	105.60	107.86	106.68	105.70	105.53	105.41	105.86	105.94	107.86
Min	106.30	105.53	105.59	105.49	105.36	105.44	105.71	105.54	105.38	105.08	105.09	105.84	105.08
Annual Max Momentary Gage Height	107.96		m. (MSL.) ,				at 18.00 Hours ,	on Sep 15 , 2005					
Zero Gage at Bottom Elevation	104.36		m. (MSL.) ,			River Bed	104.36	m. (MSL.)					
Left Bank Elevation		109.88		m. (MSL.) ,									
Right Bank Elevation		109.96		m. (MSL.) ,		Drainage Are	480	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.45	3.00	1.31	1.40	0.68	9.19	2.05	1.08	0.50	0.00	0.00	
2	0.10	0.48	3.20	1.27	1.00	0.82	5.87	2.05	1.00	0.47	0.00	0.00	
3	0.11	0.50	3.50	1.22	0.95	1.00	6.78	1.99	0.90	0.47	0.00	0.00	
4	0.11	0.53	2.50	1.04	1.04	1.73	8.11	1.92	0.95	0.47	0.00	0.00	
5	0.12	0.55	2.37	0.90	1.00	1.59	5.35	1.92	0.90	0.50	0.00	0.00	
6	0.13	0.58	1.59	1.13	1.08	1.35	4.20	1.92	0.95	0.55	0.00	0.00	
7	0.13	0.61	1.35	1.40	1.00	1.31	3.90	1.85	0.47	0.55	0.00	0.00	
8	0.14	0.65	1.35	1.40	1.04	1.79	4.20	1.79	0.43	0.55	0.00	0.00	
9	0.15	0.68	1.47	1.35	1.00	34.45	5.61	1.73	0.47	0.55	0.00	0.00	
10	0.15	0.72	1.53	1.27	0.95	43.52	14.20	1.66	0.50	0.50	0.00	0.00	
11	0.16	0.75	1.53	1.27	1.00	8.38	7.57	1.59	0.59	0.50	0.00	0.00	
12	0.17	0.79	1.40	1.18	0.90	7.17	5.48	1.53	0.72	0.43	0.00	0.00	
13	0.18	0.84	1.66	1.31	0.59	7.17	4.83	1.47	0.68	0.40	0.00	0.00	
14	0.19	0.88	1.73	1.40	0.43	5.87	15.00	1.40	0.63	0.37	0.00	0.00	
15	0.20	0.93	1.73	3.40	0.37	80.92	10.00	1.40	0.55	0.27	0.00	0.00	
16	0.21	0.97	1.53	3.40	0.47	106.59	6.91	1.35	0.63	0.23	0.00	0.00	
17	0.22	1.03	1.66	2.57	0.55	59.10	4.30	1.35	0.68	0.17	0.00	0.00	
18	0.23	1.08	1.73	1.79	0.50	29.50	3.60	1.31	0.63	0.10	0.00	0.00	
19	0.24	1.08	1.79	1.66	0.50	14.00	2.80	1.31	0.50	0.03	0.00	0.00	
20	0.26	1.18	1.92	1.59	0.63	15.60	2.37	1.27	0.47	0.00	0.00	0.00	
21	0.27	1.13	2.11	1.47	0.72	9.46	2.44	1.27	0.47	0.00	0.00	0.00	
22	0.28	1.22	2.57	1.53	0.77	6.00	2.25	1.22	0.55	0.00	0.00	0.00	
23	0.30	1.27	13.06	1.04	0.82	2.50	2.18	1.22	0.55	0.00	0.00	0.00	
24	0.32	1.27	17.00	1.18	0.77	4.20	2.11	1.22	0.47	0.00	0.00	0.00	
25	0.33	1.40	17.00	1.31	0.72	6.00	2.31	1.18	0.55	0.00	0.00	0.00	
26	0.35	1.40	1.79	1.40	0.63	4.40	3.20	1.18	0.72	0.00	0.00	0.00	
27	0.37	1.35	1.66	1.53	0.55	3.40	3.80	1.18	0.72	0.00	0.00	0.00	
28	0.39	1.27	1.53	1.40	0.50	2.63	3.80	1.13	0.63	0.00	0.00	0.00	
29	0.41	1.22	1.47	1.35	0.50	2.63	2.63	1.13	0.59	0.00	0.00	0.00	
30	0.43	1.18	1.40	1.47	0.47	50.50	2.25	1.13	0.55	0.00	0.00	0.00	
31		1.08		1.40	0.47		2.11		0.55	0.00		0.00	
Total	6.75	29.07	98.13	46.94	23.32	514.26	159.35	44.72	20.08	7.61	0.00	0.00	950.23 CMSDAY
Mean	0.22	0.94	3.27	1.51	0.75	17.14	5.14	1.49	0.65	0.25	0.00	0.00	2.60 CMS
Max	0.43	1.40	17.00	3.40	1.40	106.59	15.00	2.05	1.08	0.55	0.00	0.00	106.59 CMS
Min	0.10	0.45	1.35	0.90	0.37	0.68	2.11	1.13	0.43	0.00	0.00	0.00	0.00 CMS
Runoff	0.58	2.51	8.48	4.06	2.02	44.43	13.77	3.86	1.74	0.66	0.00	0.00	82.10 MCM
Momentary Peak	121.74	CMS. at 107.96 m. (MSL.) at 18.00 Hours , on Sep 15 , 2005											
Runoff Yield	5.42	Liters/Second/Square KM. Momentary Peak Yield 253.625 Liters/Second/Square KM.											

WATER YEAR : 2005

PING RIVER BASIN

Huai Tak at Ban Tak, Tak (P.52)

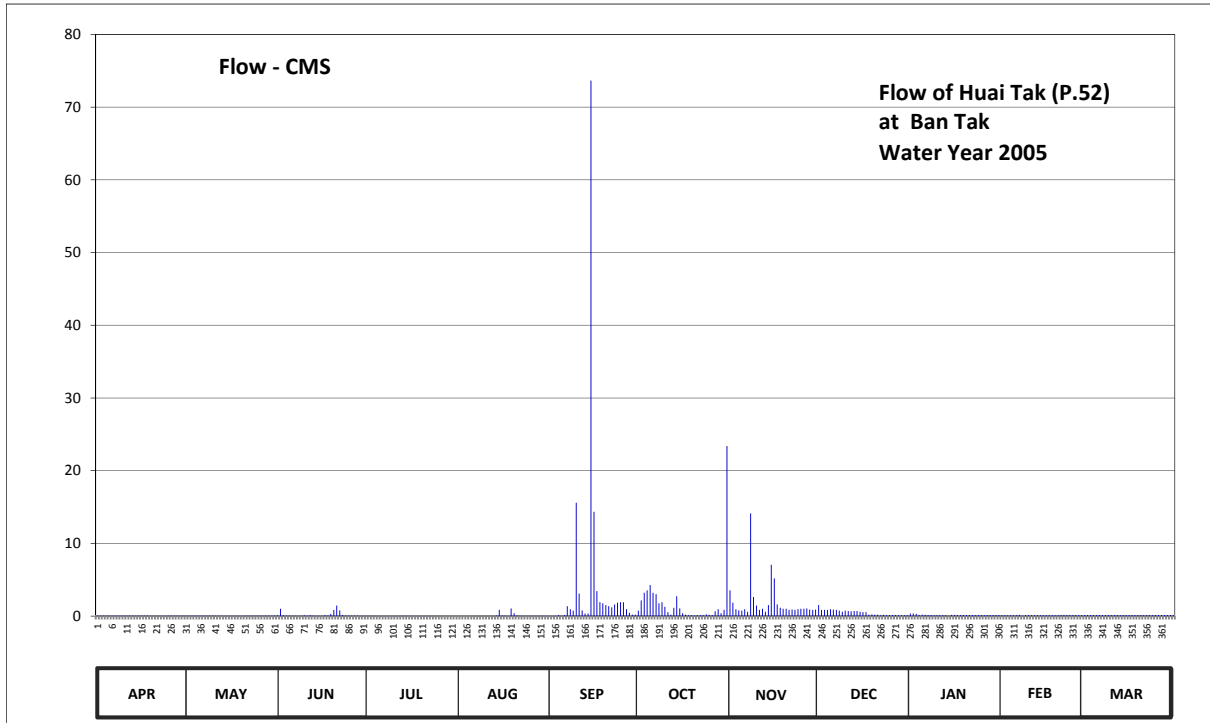
Lat 17 - 02 - 13 N Long 99 - 03 - 09 E

Location : on right bank at the bridge on road.

	Ban Tak Tok	Amphoe Ban Tak	Changwat Tak
Drainage Area	355 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+120.230 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 10 meters from the top staff gage.	Elevation	+125.393 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1983 to date.		
Rating Operation			
Period of Rating	1997 to date.		
Rated by Flot	-		
Rated by Current Meter	1997 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 10 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	119.47	119.46	119.50	119.45	119.40	119.43	119.71	120.07	119.84	119.63	119.54	119.56	
2	119.47	119.46	119.76	119.45	119.40	119.43	119.92	119.88	119.73	119.63	119.53	119.56	
3	119.47	119.46	119.51	119.45	119.40	119.43	120.04	119.75	119.73	119.62	119.53	119.56	
4	119.47	119.46	119.46	119.45	119.40	119.52	120.07	119.72	119.73	119.57	119.53	119.56	
5	119.47	119.46	119.46	119.43	119.40	119.44	120.14	119.71	119.75	119.59	119.53	119.56	
6	119.47	119.46	119.45	119.43	119.40	119.56	120.04	119.75	119.74	119.57	119.56	119.56	
7	119.47	119.46	119.45	119.43	119.40	119.82	120.02	119.68	119.73	119.55	119.57	119.56	
8	119.47	119.46	119.44	119.43	119.41	119.75	119.87	120.73	119.71	119.55	119.46	119.56	
9	119.47	119.46	119.44	119.43	119.41	119.71	119.89	119.98	119.68	119.54	119.54	119.56	
10	119.47	119.46	119.51	119.43	119.41	120.80	119.81	119.83	119.71	119.54	119.54	119.56	
11	119.47	119.46	119.44	119.43	119.41	120.03	119.67	119.73	119.70	119.53	119.54	119.56	
12	119.47	119.46	119.53	119.43	119.40	119.72	119.60	119.76	119.69	119.53	119.54	119.56	
13	119.46	119.45	119.47	119.45	119.43	119.63	119.79	119.68	119.70	119.53	119.54	119.56	
14	119.46	119.45	119.44	119.45	119.48	119.63	119.99	119.84	119.70	119.44	119.54	119.55	
15	119.46	119.45	119.44	119.44	119.73	122.36	119.77	120.35	119.68	119.57	119.54	119.55	
16	119.46	119.45	119.45	119.44	119.48	120.74	119.64	120.22	119.67	119.57	119.53	119.55	
17	119.46	119.45	119.54	119.43	119.46	120.06	119.59	119.85	119.67	119.55	119.53	119.55	
18	119.46	119.44	119.48	119.43	119.42	119.89	119.53	119.79	119.59	119.55	119.53	119.55	
19	119.45	119.44	119.62	119.42	119.77	119.87	119.53	119.76	119.61	119.55	119.53	119.55	
20	119.45	119.45	119.73	119.42	119.64	119.84	119.48	119.76	119.59	119.55	119.54	119.55	
21	119.45	119.47	119.83	119.42	119.49	119.82	119.53	119.73	119.59	119.55	119.55	119.55	
22	119.45	119.46	119.72	119.42	119.46	119.80	119.53	119.74	119.54	119.55	119.55	119.55	
23	119.45	119.46	119.55	119.42	119.45	119.85	119.53	119.73	119.58	119.55	119.55	119.55	
24	119.45	119.46	119.48	119.42	119.45	119.88	119.61	119.75	119.53	119.55	119.55	119.55	
25	119.46	119.46	119.47	119.42	119.45	119.89	119.58	119.76	119.53	119.55	119.55	119.55	
26	119.46	119.46	119.46	119.42	119.44	119.89	119.55	119.76	119.55	119.55	119.55	119.55	
27	119.46	119.46	119.46	119.40	119.44	119.75	119.69	119.77	119.55	119.55	119.54	119.55	
28	119.46	119.46	119.46	119.40	119.44	119.65	119.75	119.74	119.54	119.55	119.54	119.55	
29	119.46	119.46	119.45	119.40	119.44	119.59	119.64	119.73	119.54	119.55	119.55	119.55	
30	119.46	119.46	119.44	119.40	119.44	119.60	119.73	119.74	119.53	119.55	119.55	119.55	
31		119.46		119.40	119.44		121.10		119.53	119.55		119.55	
Mean	119.46	119.46	119.51	119.43	119.46	119.88	119.79	119.84	119.64	119.56	119.54	119.55	
Max	119.47	119.47	119.83	119.45	119.77	122.36	121.10	120.73	119.84	119.63	119.57	119.56	122.36
Min	119.45	119.44	119.44	119.40	119.40	119.43	119.48	119.68	119.53	119.44	119.46	119.55	119.40
Annual Max Momentary Gage Height	122.98		m. (MSL.) ,				at 12.00 Hours ,						on Sep 15 , 2005
Zero Gage at Bottom Elevation	120.23		m. (MSL.) ,			River Bed	119.19	m. (MSL.)					
Left Bank Elevation		125.22		m. (MSL.) ,									
Right Bank Elevation		125.18		m. (MSL.) ,		Drainage Are	355	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	0.06	0.10	0.05	0.00	0.03	0.75	3.54	1.52	0.35	0.14	0.16	
2	0.07	0.06	1.00	0.05	0.00	0.03	2.16	1.84	0.85	0.35	0.13	0.16	
3	0.07	0.06	0.11	0.05	0.00	0.03	3.22	0.95	0.85	0.30	0.13	0.16	
4	0.07	0.06	0.06	0.05	0.00	0.12	3.54	0.80	0.85	0.17	0.13	0.16	
5	0.07	0.06	0.06	0.03	0.00	0.04	4.27	0.75	0.95	0.19	0.13	0.16	
6	0.07	0.06	0.05	0.03	0.00	0.16	3.22	0.95	0.90	0.17	0.16	0.16	
7	0.07	0.06	0.05	0.03	0.00	1.36	3.01	0.60	0.85	0.15	0.17	0.16	
8	0.07	0.06	0.04	0.03	0.01	0.95	1.76	14.13	0.75	0.15	0.06	0.16	
9	0.07	0.06	0.04	0.03	0.01	0.75	1.92	2.64	0.60	0.14	0.14	0.16	
10	0.07	0.06	0.11	0.03	0.01	15.60	1.28	1.44	0.75	0.14	0.14	0.16	
11	0.07	0.06	0.04	0.03	0.01	3.11	0.55	0.85	0.70	0.13	0.14	0.16	
12	0.07	0.06	0.13	0.03	0.00	0.80	0.20	1.00	0.65	0.13	0.14	0.16	
13	0.06	0.05	0.07	0.05	0.03	0.35	1.15	0.60	0.70	0.13	0.14	0.16	
14	0.06	0.05	0.04	0.05	0.08	0.35	2.72	1.52	0.70	0.04	0.14	0.15	
15	0.06	0.05	0.04	0.04	0.85	73.64	1.05	7.07	0.60	0.17	0.14	0.15	
16	0.06	0.05	0.05	0.04	0.08	14.34	0.40	5.19	0.55	0.17	0.13	0.15	
17	0.06	0.05	0.14	0.03	0.06	3.43	0.19	1.60	0.55	0.15	0.13	0.15	
18	0.06	0.04	0.08	0.03	0.02	1.92	0.13	1.15	0.19	0.15	0.13	0.15	
19	0.05	0.04	0.30	0.02	1.05	1.76	0.13	1.00	0.25	0.15	0.13	0.15	
20	0.05	0.05	0.85	0.02	0.40	1.52	0.08	1.00	0.19	0.15	0.14	0.15	
21	0.05	0.07	1.44	0.02	0.09	1.36	0.13	0.85	0.19	0.15	0.15	0.15	
22	0.05	0.06	0.80	0.02	0.06	1.20	0.13	0.90	0.14	0.15	0.15	0.15	
23	0.05	0.06	0.15	0.02	0.05	1.60	0.13	0.85	0.18	0.15	0.15	0.15	
24	0.05	0.06	0.08	0.02	0.05	1.84	0.25	0.95	0.13	0.15	0.15	0.15	
25	0.06	0.06	0.07	0.02	0.05	1.92	0.18	1.00	0.13	0.15	0.15	0.15	
26	0.06	0.06	0.06	0.02	0.04	1.92	0.15	1.00	0.15	0.15	0.15	0.15	
27	0.06	0.06	0.06	0.00	0.04	0.95	0.65	1.05	0.15	0.15	0.14	0.15	
28	0.06	0.06	0.06	0.00	0.04	0.45	0.95	0.90	0.14	0.15	0.14	0.15	
29	0.06	0.06	0.05	0.00	0.04	0.19	0.40	0.85	0.14	0.15		0.15	
30	0.06	0.06	0.04	0.00	0.04	0.20	0.85	0.90	0.13	0.15		0.15	
31		0.06		0.00	0.04		23.40		0.13	0.15		0.15	
Total	1.86	1.77	6.17	0.84	3.15	131.92	58.95	57.87	15.56	5.13	3.87	4.78	291.87 CMSDAY
Mean	0.06	0.06	0.21	0.03	0.10	4.40	1.90	1.93	0.50	0.17	0.14	0.15	0.80 CMS
Max	0.07	0.07	1.44	0.05	1.05	73.64	23.40	14.13	1.52	0.35	0.17	0.16	73.64 CMS
Min	0.05	0.04	0.04	0.00	0.00	0.03	0.08	0.60	0.13	0.04	0.06	0.15	0.00 CMS
Runoff	0.16	0.15	0.53	0.07	0.27	11.40	5.09	5.00	1.34	0.44	0.33	0.41	25.22 MCM
Momentary Peak	106.88 CMS. at 122.98 m. (MSL.) at 12.00 Hours , on Sep 15 , 2005												
Runoff Yield	2.25 Liters/Second/Square KM.			Momentary Peak Yield			301.070 Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Ngat at Ban Sahakorn Romklao , Chiang Mai (P.56A)

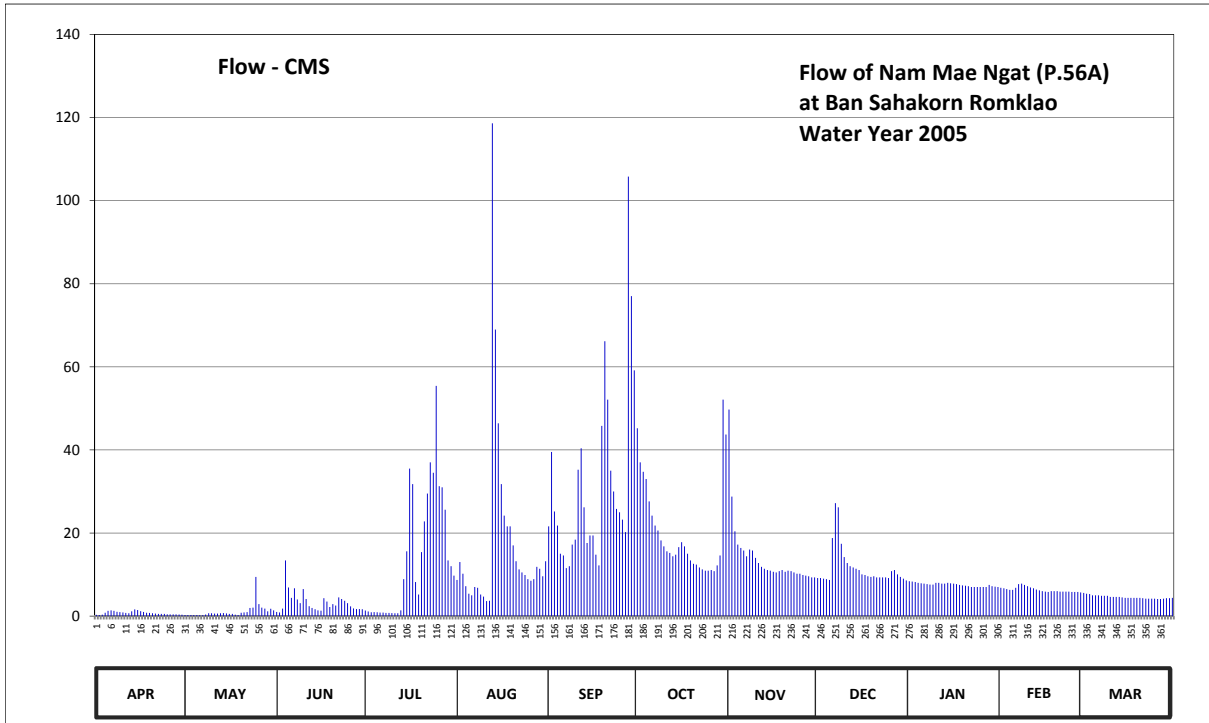
Lat 19 - 17 - 04 N Long 99 - 11 - 23 E

Location : on left bank at the bridge near land Cooperative Office.

	Ban	Sahakorn Romklao	Amphoe	Phrao	Changwat	Chiang Mai
Drainage Area	546	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+408.300 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 10 meters from the top staff gage.				Elevation	+414.300 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1998 to date					
Rating Operation						
Period of Rating	1998 to date					
Rated by Flot	-					
Rated by Current Meter	1998 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +415.730 m.(M.S.L.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	408.83	408.82	409.00	409.07	409.97	410.68	411.64	411.79	410.01	409.94	409.78	409.66	
2	408.82	408.82	408.97	409.02	410.25	411.45	411.36	411.03	410.01	409.93	409.77	409.64	
3	408.84	408.82	409.16	408.98	410.08	410.86	411.27	410.62	410.00	409.92	409.75	409.63	
4	408.95	408.82	410.27	408.99	409.82	410.69	411.20	410.46	409.99	409.90	409.73	409.60	
5	409.05	408.82	409.79	408.98	409.64	410.35	410.98	410.42	409.97	409.89	409.73	409.60	
6	409.08	408.81	409.54	408.96	409.60	410.33	410.81	410.39	410.54	409.88	409.78	409.60	
7	409.05	408.81	409.77	408.96	409.80	410.17	410.69	410.32	410.96	409.87	409.87	409.59	
8	409.01	408.85	409.50	408.94	409.78	410.20	410.63	410.40	410.91	409.86	409.88	409.59	
9	408.99	408.92	409.41	408.94	409.62	410.46	410.51	410.39	410.47	409.86	409.85	409.59	
10	408.97	408.92	409.75	408.93	409.57	410.52	410.44	410.30	410.31	409.90	409.82	409.56	
11	408.94	408.90	409.51	408.92	409.46	411.29	410.38	410.24	410.24	409.90	409.79	409.56	
12	408.92	408.90	409.28	408.92	409.47	411.48	410.36	410.19	410.20	409.88	409.77	409.56	
13	409.03	408.92	409.19	409.08	413.74	410.91	410.32	410.16	410.18	409.88	409.74	409.56	
14	409.12	408.93	409.13	409.99	412.37	410.48	410.34	410.14	410.16	409.90	409.72	409.55	
15	409.09	408.91	409.08	410.38	411.68	410.57	410.43	410.13	410.14	409.89	409.70	409.54	
16	409.04	408.88	409.06	411.30	411.15	410.57	410.49	410.11	410.07	409.88	409.69	409.54	
17	409.00	408.88	409.53	411.15	410.81	410.34	410.44	410.10	410.06	409.87	409.68	409.54	
18	408.95	408.84	409.45	409.92	410.68	410.21	410.35	410.12	410.04	409.85	409.70	409.54	
19	408.94	408.82	409.24	409.62	410.68	411.66	410.27	410.14	410.03	409.84	409.70	409.54	
20	408.92	408.95	409.38	410.37	410.45	412.29	410.23	410.11	410.04	409.83	409.70	409.54	
21	408.90	408.97	409.31	410.74	410.26	411.87	410.22	410.13	410.02	409.82	409.69	409.53	
22	408.88	408.99	409.55	411.06	410.15	411.28	410.18	410.12	410.02	409.80	409.69	409.52	
23	408.88	409.19	409.51	411.36	410.10	411.08	410.15	410.10	410.02	409.80	409.69	409.52	
24	408.88	409.21	409.47	411.26	410.06	410.89	410.13	410.08	410.02	409.80	409.69	409.52	
25	408.86	410.03	409.41	411.98	409.99	410.85	410.13	410.08	410.01	409.80	409.68	409.52	
26	408.86	409.38	409.27	411.13	409.95	410.76	410.14	410.06	410.12	409.80	409.68	409.51	
27	408.86	409.21	409.17	411.12	409.99	410.61	410.12	410.05	410.14	409.80	409.68	409.51	
28	408.86	409.16	409.14	410.88	410.19	413.42	410.21	410.04	410.07	409.85	409.67	409.52	
29	408.85	409.03	409.14	410.27	410.16	412.60	410.33	410.02	410.03	409.82		409.53	
30	408.84	409.15	409.13	410.20	410.04	412.09	411.87	410.02	410.00	409.81		409.53	
31		409.08		410.05	410.26		411.59		409.96	409.80		409.54	
Mean	408.94	408.99	409.37	409.98	410.32	411.03	410.59	410.28	410.15	409.86	409.74	409.56	
Max	409.12	410.03	410.27	411.98	413.74	413.42	411.87	411.79	410.96	409.94	409.88	409.66	413.74
Min	408.82	408.81	408.97	408.92	409.46	410.17	410.12	410.02	409.96	409.80	409.67	409.51	408.81
Annual Max Momentary Gage Height	415.78		m. (MSL.) ,			at 11.00 Hours ,	on Aug 13 , 2005						
Zero Gage at Bottom Elevation	408.30		m. (MSL.) ,			River Bed	408.50	m. (MSL.)					
Left Bank Elevation	415.72		m. (MSL.) ,										
Right Bank Elevation	415.75		m. (MSL.) ,			Drainage Are	546	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	0.28	1.00	1.35	8.70	21.60	45.20	49.70	9.15	8.40	6.80	5.60	
2	0.28	0.28	0.88	1.10	13.00	39.50	37.00	28.75	9.15	8.30	6.70	5.40	
3	0.36	0.28	1.80	0.92	10.20	25.20	34.75	20.40	9.00	8.20	6.50	5.30	
4	0.80	0.28	13.40	0.96	7.20	21.80	33.00	17.20	8.90	8.00	6.30	5.00	
5	1.25	0.28	6.90	0.92	5.40	15.00	27.60	16.40	8.70	7.90	6.30	5.00	
6	1.40	0.24	4.40	0.84	5.00	14.60	24.20	15.80	18.80	7.80	6.80	5.00	
7	1.25	0.24	6.70	0.84	7.00	11.55	21.80	14.40	27.20	7.70	7.70	4.90	
8	1.05	0.40	4.00	0.76	6.80	12.00	20.60	16.00	26.20	7.60	7.80	4.90	
9	0.96	0.68	3.10	0.76	5.20	17.20	18.20	15.80	17.40	7.60	7.50	4.90	
10	0.88	0.68	6.50	0.72	4.70	18.40	16.80	14.00	14.20	8.00	7.20	4.60	
11	0.76	0.60	4.10	0.68	3.60	35.25	15.60	12.80	12.80	8.00	6.90	4.60	
12	0.68	0.60	2.40	0.68	3.70	40.40	15.20	11.85	12.00	7.80	6.70	4.60	
13	1.15	0.68	1.95	1.40	118.60	26.20	14.40	11.40	11.70	7.80	6.40	4.60	
14	1.60	0.72	1.65	8.90	68.95	17.60	14.80	11.10	11.40	8.00	6.20	4.50	
15	1.45	0.64	1.40	15.60	46.40	19.40	16.60	10.95	11.10	7.90	6.00	4.40	
16	1.20	0.52	1.30	35.50	31.75	19.40	17.80	10.65	10.05	7.80	5.90	4.40	
17	1.00	0.52	4.30	31.75	24.20	14.80	16.80	10.50	9.90	7.70	5.80	4.40	
18	0.80	0.36	3.50	8.20	21.60	12.20	15.00	10.80	9.60	7.50	6.00	4.40	
19	0.76	0.28	2.20	5.20	21.60	45.80	13.40	11.10	9.45	7.40	6.00	4.40	
20	0.68	0.80	2.90	15.40	17.00	66.15	12.60	10.65	9.60	7.30	6.00	4.40	
21	0.60	0.88	2.55	22.80	13.20	52.10	12.40	10.95	9.30	7.20	5.90	4.30	
22	0.52	0.96	4.50	29.50	11.25	35.00	11.70	10.80	9.30	7.00	5.90	4.20	
23	0.52	1.95	4.10	37.00	10.50	30.00	11.25	10.50	9.30	7.00	5.90	4.20	
24	0.52	2.05	3.70	34.50	9.90	25.80	10.95	10.20	9.30	7.00	5.90	4.20	
25	0.44	9.45	3.10	55.40	8.90	25.00	10.95	10.20	9.15	7.00	5.80	4.20	
26	0.44	2.90	2.35	31.25	8.50	23.20	11.10	9.90	10.80	7.00	5.80	4.10	
27	0.44	2.05	1.85	31.00	8.90	20.20	10.80	9.75	11.10	7.00	5.80	4.10	
28	0.44	1.80	1.70	25.60	11.85	105.80	12.20	9.60	10.05	7.50	5.70	4.20	
29	0.40	1.15	1.70	13.40	11.40	77.00	14.60	9.30	9.45	7.20	4.30	4.30	
30	0.36	1.75	1.65	12.00	9.60	59.15	52.10	9.30	9.00	7.10	4.30	4.30	
31		1.40		9.75	13.20		43.70		8.60	7.00		4.40	
Total	23.31	35.70	101.58	434.68	547.80	947.30	633.10	420.75	361.65	234.70	178.20	141.80	4060.57 CMSDAY
Mean	0.78	1.15	3.39	14.02	17.67	31.58	20.42	14.02	11.67	7.57	6.36	4.57	11.12 CMS
Max	1.60	9.45	13.40	55.40	118.60	105.80	52.10	49.70	27.20	8.40	7.80	5.60	118.60 CMS
Min	0.28	0.24	0.88	0.68	3.60	11.55	10.80	9.30	8.60	7.00	5.70	4.10	0.24 CMS
Runoff	2.01	3.08	8.78	37.56	47.33	81.85	54.70	36.35	31.25	20.28	15.40	12.25	350.83 MCM
Momentary Peak	205.00	CMS.	CMS.	at 415.78 m. (MSL.)	at 11.00 Hours	, on Aug 13, 2005							
Runoff Yield	20.38	Liters/Second/Square KM.			Momentary Peak Yield	375.458	Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Mae Tae , Chiang Mai (P.67)

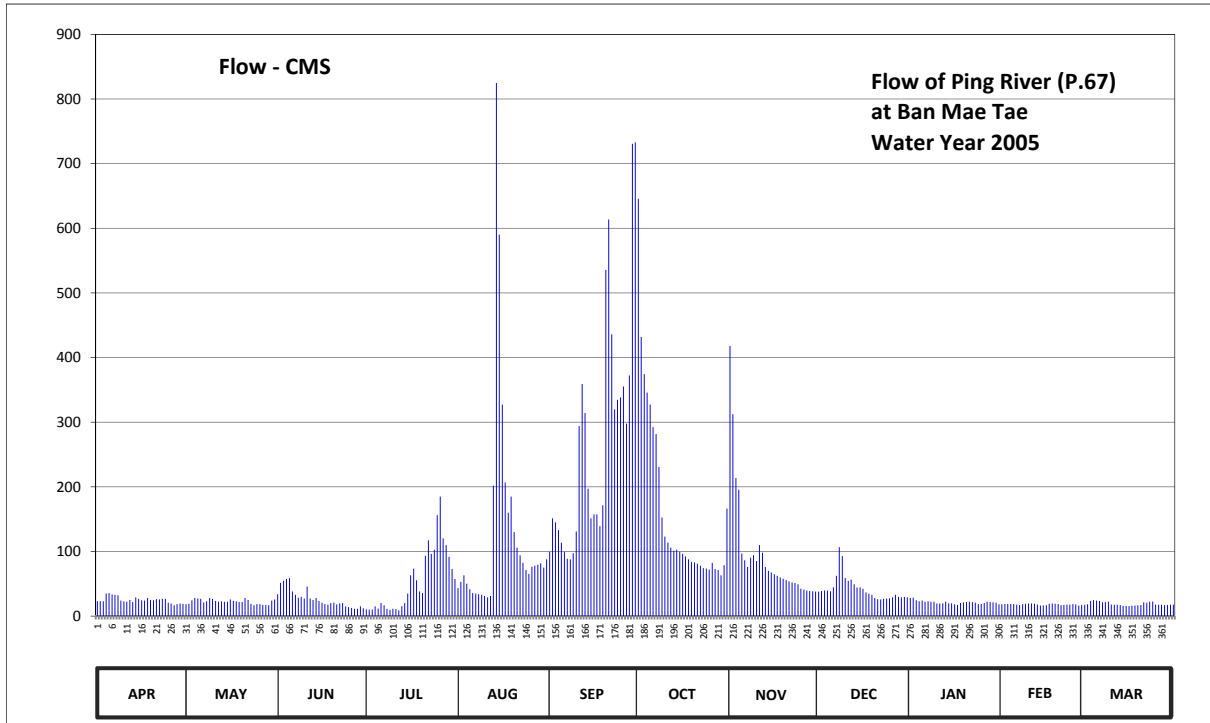
Lat 19 - 01 - 11 N Long 98 - 57 - 43 E

Location : on left bank at the bridge on highway.

	Ban Mae Tae	Amphoe San Sai	Changwat Chiang Mai
Drainage Area	5,323 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+315.926 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20 meters from the top staff gage.	Elevation	+323.690 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1995 to date		
Rating Operation			
Period of Rating	1995 to date		
Rated by Flot	-		
Rated by Current Meter	1995 to date		
Stability of Channel Regimes	Rather unstable by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Mae Faek and Mae Taeng weir situated above gage site. Flow effected by the sand-dredger about 10 kilometers downstream from the gage site. Stage-discharge relation defined by 32 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	316.78	316.68	316.98	316.45	317.14	317.92	321.08	319.99	317.42	317.20	316.96	316.94	
2	316.78	316.69	317.27	316.43	317.29	318.45	320.06	319.44	317.44	317.21	316.99	316.97	
3	316.78	316.81	317.32	316.44	317.44	318.40	319.77	318.88	317.46	317.12	316.99	317.10	
4	317.00	316.87	317.36	316.60	317.25	318.28	319.62	318.77	317.46	317.09	316.99	317.13	
5	317.01	316.86	317.38	316.49	317.11	318.08	319.52	318.16	317.43	317.11	316.98	317.11	
6	316.97	316.85	317.05	316.72	317.01	317.92	319.33	318.08	317.57	317.07	316.95	317.10	
7	316.96	316.74	316.96	316.64	317.00	317.78	319.27	318.00	317.84	317.09	316.92	317.05	
8	316.95	316.78	316.88	316.47	316.98	317.77	318.98	318.11	318.23	317.07	316.98	317.06	
9	316.80	316.87	316.91	316.42	316.96	317.89	318.46	318.14	318.13	317.07	317.00	317.08	
10	316.77	316.85	316.86	316.48	316.93	318.26	318.18	318.07	317.80	317.01	317.01	316.95	
11	316.76	316.79	317.18	316.46	316.89	319.34	318.08	318.25	317.73	317.01	317.01	316.94	
12	316.82	316.76	316.86	316.40	316.93	319.69	318.00	318.17	317.76	317.02	317.00	316.94	
13	316.75	316.77	316.82	316.61	318.81	319.45	317.94	318.00	317.65	317.07	316.95	316.92	
14	316.89	316.76	316.87	316.71	321.90	318.78	317.96	317.93	317.56	317.02	316.89	316.87	
15	316.85	316.76	316.79	317.00	320.82	318.45	317.92	317.90	317.57	317.02	316.90	316.87	
16	316.81	316.83	316.73	317.44	319.52	318.50	317.88	317.87	317.52	316.97	316.91	316.86	
17	316.80	316.79	316.68	317.58	318.84	318.50	317.83	317.84	317.39	316.93	317.00	316.88	
18	316.87	316.77	316.66	317.33	318.52	318.34	317.77	317.81	317.35	317.03	317.01	316.89	
19	316.82	316.75	316.71	317.05	318.70	318.61	317.72	317.78	317.31	317.05	317.00	316.90	
20	316.81	316.75	316.73	317.01	318.25	320.56	317.71	317.75	317.20	317.06	316.99	316.92	
21	316.84	316.87	316.67	317.84	318.00	320.93	317.68	317.72	317.16	317.07	316.91	317.05	
22	316.83	316.82	316.70	318.12	317.85	320.08	317.64	317.69	317.15	317.06	316.93	317.04	
23	316.85	316.69	316.72	317.88	317.70	319.48	317.59	317.68	317.17	317.04	316.95	317.07	
24	316.85	316.64	316.60	317.96	317.55	319.56	317.58	317.65	317.18	316.98	316.95	317.08	
25	316.73	316.68	316.56	318.49	317.47	319.58	317.56	317.52	317.19	316.99	316.98	316.95	
26	316.70	316.68	316.52	318.70	317.62	319.67	317.70	317.49	317.22	317.03	316.96	316.94	
27	316.64	316.65	316.48	318.15	317.64	319.36	317.57	317.46	317.31	317.07	316.89	316.94	
28	316.68	316.65	316.48	318.04	317.66	319.76	317.55	317.44	317.24	317.06	316.93	316.92	
29	316.70	316.64	316.60	317.82	317.69	321.47	317.44	317.43	317.22	317.05		316.93	
30	316.69	316.80	316.50	317.57	317.60	321.48	317.65	317.42	317.24	317.04		316.95	
31		316.83		317.36	317.77		318.57		317.22	316.97		316.94	
Mean	316.82	316.76	316.83	317.18	317.90	319.08	318.31	318.01	317.46	317.05	316.96	316.98	
Max	317.01	316.87	317.38	318.70	321.90	321.48	321.08	319.99	318.23	317.21	317.01	317.13	321.90
Min	316.64	316.64	316.48	316.40	316.89	317.77	317.44	317.42	317.15	316.93	316.89	316.86	316.40
Annual Max Momentary Gage Height	322.21		m. (MSL.) ,				at 13.00 Hours ,	on Aug 14 , 2005					
Zero Gage at Bottom Elevation	315.93		m. (MSL.) ,			River Bed	315.58	m. (MSL.)					
Left Bank Elevation		325.32		m. (MSL.) ,									
Right Bank Elevation		325.32		m. (MSL.) ,		Drainage Are	5323	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	23.10	18.60	33.90	10.50	43.40	99.60	645.73	418.00	37.90	28.00	18.00	17.50		
2	23.10	19.05	51.55	9.90	52.85	151.25	432.00	312.40	38.80	28.45	18.75	18.25		
3	23.10	24.55	54.80	10.20	63.00	145.00	374.30	213.60	39.70	24.40	18.75	23.50		
4	35.00	27.85	57.40	15.00	50.25	133.00	345.80	195.50	39.70	23.05	18.75	24.85		
5	35.60	27.30	58.70	11.70	41.60	113.60	327.20	96.80	38.35	23.95	18.50	23.95		
6	33.35	26.75	38.00	20.40	35.60	99.60	292.40	86.40	44.65	22.15	17.75	23.50		
7	32.80	21.30	32.80	16.80	35.00	88.50	281.60	76.00	62.40	23.05	17.00	21.25		
8	32.25	23.10	28.40	11.10	33.90	87.75	230.60	90.30	106.80	22.15	18.50	21.70		
9	24.00	27.85	30.05	9.60	32.80	97.20	152.50	94.20	92.90	22.15	19.00	22.60		
10	22.65	26.75	27.30	11.40	31.15	131.00	123.10	85.10	59.00	19.45	19.45	17.75		
11	22.20	23.55	45.80	10.80	28.95	294.20	113.60	110.00	54.45	19.45	19.45	17.50		
12	25.10	22.20	27.30	9.00	31.15	359.10	106.00	98.10	56.40	19.90	19.00	17.50		
13	21.75	22.65	25.10	15.45	201.70	314.25	101.20	76.00	49.25	22.15	17.75	17.00		
14	28.95	22.20	27.85	19.95	824.77	197.00	102.80	70.05	44.20	19.90	16.25	15.75		
15	26.75	22.20	23.55	35.00	590.27	151.25	99.60	67.50	44.65	19.90	16.50	15.75		
16	24.55	25.65	20.85	63.00	327.20	157.50	96.40	64.95	42.40	18.25	16.75	15.50		
17	24.00	23.55	18.60	73.50	206.80	157.50	92.40	62.40	36.55	17.25	19.00	16.00		
18	27.85	22.65	17.70	55.45	160.00	139.00	87.75	59.85	34.75	20.35	19.45	16.25		
19	25.10	21.75	19.95	38.00	185.00	171.50	84.00	57.70	32.95	21.25	19.00	16.50		
20	24.55	21.75	20.85	35.60	130.00	535.60	83.25	55.75	28.00	21.70	18.75	17.00		
21	26.20	27.85	18.15	93.20	106.00	613.73	81.00	53.80	26.20	22.15	16.75	21.25		
22	25.65	25.10	19.50	117.40	94.00	436.00	78.00	51.85	25.75	21.70	17.25	20.80		
23	26.75	19.05	20.40	96.40	82.50	319.80	74.25	51.20	26.65	20.80	17.75	22.15		
24	26.75	16.80	15.00	102.80	71.25	334.60	73.50	49.25	27.10	18.50	17.75	22.60		
25	20.85	18.60	13.80	156.25	65.25	338.30	72.00	42.40	27.55	18.75	18.50	17.75		
26	19.50	18.60	12.60	185.00	76.50	355.30	82.50	41.05	28.90	20.35	18.00	17.50		
27	16.80	17.25	11.40	120.25	78.00	297.80	72.75	39.70	32.95	22.15	16.25	17.50		
28	18.60	17.25	11.40	109.80	79.50	372.40	71.25	38.80	29.80	21.70	17.25	17.00		
29	19.50	16.80	15.00	91.60	81.75	730.83	63.00	38.35	28.90	21.25		17.25		
30	19.05	24.00	12.00	72.75	75.00	733.02	78.75	37.90	29.80	20.80		17.75		
31		25.65		57.40	87.75		166.25		28.90	18.25		17.50		
Total	755.40	698.20	809.70	1685.20	4002.89	8155.18	5085.48	2834.90	1296.30	663.30	505.85	588.65	27081.05	CMSDAY
Mean	25.18	22.52	26.99	54.36	129.13	271.84	164.05	94.50	41.82	21.40	18.07	18.99	74.19	CMS
Max	35.60	27.85	58.70	185.00	824.77	733.02	645.73	418.00	106.80	28.45	19.45	24.85	824.77	CMS
Min	16.80	16.80	11.40	9.00	28.95	87.75	63.00	37.90	25.75	17.25	16.25	15.50	9.00	CMS
Runoff	65.27	60.32	69.96	145.60	345.85	704.61	439.39	244.94	112.00	57.31	43.71	50.86	2339.80	MCM
Momentary Peak	892.49 CMS. at 322.21 m. (MSL.) at 13.00 Hours , on Aug 14 , 2005													
Runoff Yield	13.94 Liters/Second/Square KM.			Momentary Peak Yield 167.667 Liters/Second/Square KM.										

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Khan at Ban Klang , Chiang Mai (P.71)

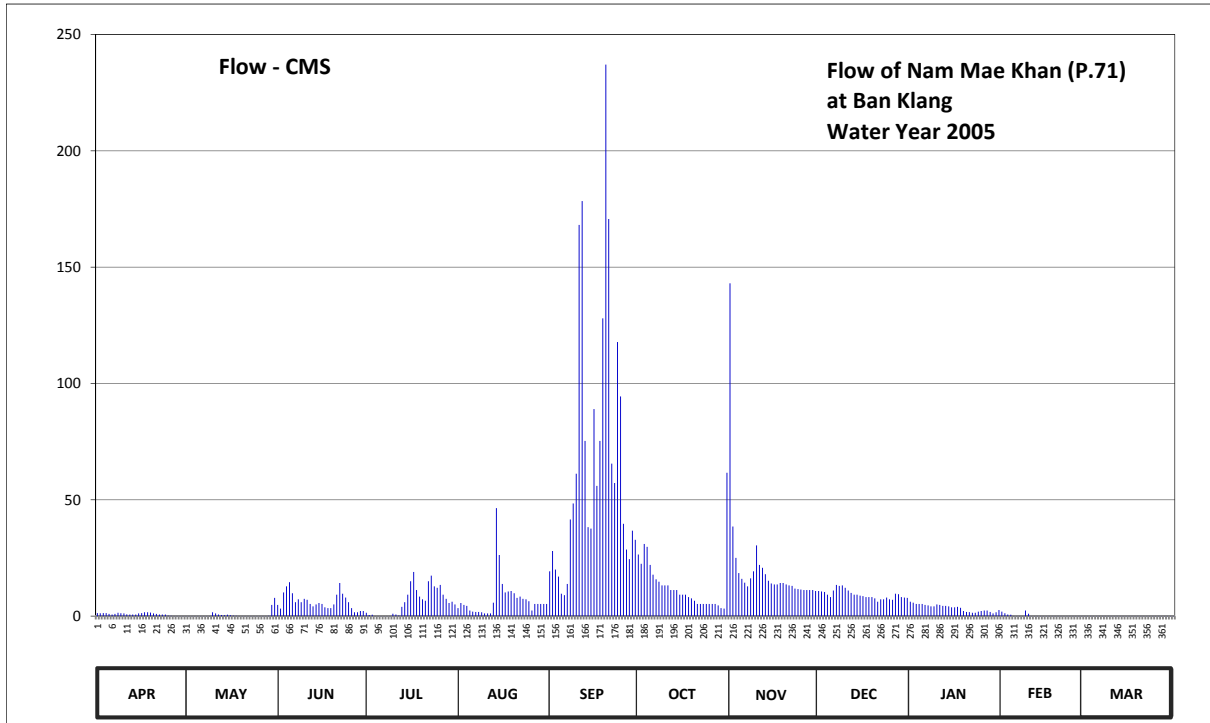
Lat 18 - 32 - 13 N Long 98 - 51 - 45 E

Location : on left bank at the bridge on highway.

	Ban Klang	Amphoe	San Pa Tong	Changwat	Chiang Mai
Drainage Area	1,758 sq.km.				
Type of Gage	Staff gage.				
Zero Gage at Bottom	+284.260 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On left bank about 3 meters from the top staff gage.			Elevation	+290.660 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1996 to date				
Rating Operation					
Period of Rating	1996 to date				
Rated by Flot	-				
Rated by Current Meter	1996 to date				
Stability of Channel Regimes	Fairly stable.				
Overbank Flow Conditions	Overbank flow starts at elevation +288.750 m.(M.S.L.) and is including overbank flow.				
General Description	Records fair. The concrete weir made by R.I.D. about 3 kilometers and the temporary weir about 300 meters downstream from the gage site. Stage-discharge relation defined by 48 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	284.93	284.66	285.14	284.94	285.07	285.85	286.14	288.48	285.44	285.21	284.99	284.71	
2	284.92	284.66	285.06	284.84	285.18	286.20	285.98	286.55	285.43	285.19	284.92	284.71	
3	284.93	284.71	285.41	284.85	285.14	285.88	286.30	286.08	285.42	285.16	284.86	284.67	
4	284.93	284.76	285.54	284.78	285.12	285.75	286.26	285.82	285.36	285.16	284.85	284.67	
5	284.89	284.74	285.63	284.76	285.02	285.38	285.96	285.70	285.31	285.16	284.78	284.69	
6	284.86	284.71	285.39	284.74	284.99	285.35	285.79	285.62	285.45	285.14	284.77	284.73	
7	284.89	284.73	285.20	284.74	284.98	285.59	285.69	285.54	285.57	285.13	284.72	284.71	
8	284.94	284.76	285.26	284.74	284.98	286.65	285.64	285.71	285.55	285.11	284.76	284.70	
9	284.92	284.78	285.20	284.74	284.96	286.86	285.56	285.85	285.56	285.11	285.02	284.69	
10	284.91	284.96	285.27	284.90	284.91	287.18	285.56	286.28	285.51	285.15	284.90	284.69	
11	284.87	284.91	285.25	284.86	284.91	288.79	285.56	285.96	285.45	285.14	284.77	284.70	
12	284.86	284.86	285.16	284.82	284.91	288.91	285.46	285.91	285.40	285.12	284.76	284.70	
13	284.86	284.84	285.11	285.10	285.19	287.46	285.46	285.80	285.36	285.12	284.74	284.68	
14	284.86	284.83	285.15	285.20	286.81	286.54	285.46	285.66	285.36	285.11	284.71	284.68	
15	284.91	284.85	285.18	285.36	286.13	286.52	285.36	285.60	285.34	285.09	284.71	284.68	
16	284.93	284.83	285.16	285.65	285.59	287.70	285.36	285.58	285.33	285.09	284.71	284.68	
17	284.96	284.81	285.09	285.84	285.41	287.05	285.36	285.58	285.31	285.10	284.73	284.68	
18	284.96	284.79	285.07	285.46	285.43	287.46	285.31	285.61	285.31	285.08	284.71	284.68	
19	284.95	284.76	285.07	285.32	285.44	288.28	285.28	285.61	285.31	285.01	284.71	284.68	
20	284.91	284.73	285.15	285.26	285.39	289.51	285.23	285.58	285.28	284.98	284.70	284.68	
21	284.89	284.73	285.36	285.23	285.29	288.82	285.16	285.56	285.21	284.97	284.71	284.68	
22	284.86	284.74	285.61	285.65	285.32	287.27	285.16	285.55	285.26	284.94	284.71	284.68	
23	284.86	284.76	285.38	285.77	285.27	287.08	285.16	285.49	285.26	284.94	284.71	284.68	
24	284.86	284.71	285.30	285.54	285.26	288.14	285.16	285.48	285.30	284.99	284.71	284.69	
25	284.81	284.74	285.20	285.51	285.22	287.79	285.16	285.47	285.26	285.01	284.71	284.68	
26	284.80	284.74	285.07	285.57	285.02	286.59	285.16	285.46	285.25	285.02	284.71	284.68	
27	284.76	284.68	284.96	285.36	285.16	286.22	285.16	285.46	285.38	285.02	284.71	284.68	
28	284.73	284.76	284.96	285.27	285.16	286.06	285.13	285.46	285.37	284.98	284.71	284.68	
29	284.66	284.80	285.01	285.18	285.16	286.49	285.07	285.46	285.31	284.91		284.68	
30	284.66	285.14	285.01	285.21	285.16	286.36	285.06	285.44	285.30	284.96		284.68	
31		285.29		285.15	285.16		287.19		285.29	285.03		284.69	
Mean	284.87	284.80	285.21	285.17	285.25	286.99	285.53	285.78	285.36	285.07	284.77	284.69	
Max	284.96	285.29	285.63	285.84	286.81	289.51	287.19	288.48	285.57	285.21	285.02	284.73	289.51
Min	284.66	284.66	284.96	284.74	284.91	285.35	285.06	285.44	285.21	284.91	284.70	284.67	284.66
Annual Max Momentary Gage Height	289.53		m. (MSL.) ,			at 10.00 Hours ,		on Sep 20 , 2005					
Zero Gage at Bottom Elevation	284.26		m. (MSL.) ,			River Bed	284.23	m. (MSL.)					
Left Bank Elevation	289.16		m. (MSL.) ,										
Right Bank Elevation	288.74		m. (MSL.) ,			Drainage Are	1,758	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.33	0.04	4.80	1.43	3.40	19.25	26.50	143.00	10.80	6.20	1.90	0.06		
2	1.24	0.04	3.20	0.48	5.60	28.00	22.50	38.50	10.60	5.80	1.24	0.06		
3	1.33	0.06	10.20	0.58	4.80	20.00	31.00	25.00	10.40	5.20	0.67	0.05		
4	1.33	0.08	12.80	0.09	4.40	17.00	29.80	18.50	9.20	5.20	0.58	0.05		
5	0.96	0.08	14.60	0.08	2.40	9.60	22.00	16.00	8.20	5.20	0.09	0.06		
6	0.67	0.06	9.80	0.08	1.90	9.00	17.80	14.40	11.00	4.80	0.09	0.07		
7	0.96	0.07	6.00	0.08	1.81	13.80	15.80	12.80	13.40	4.60	0.07	0.06		
8	1.43	0.08	7.20	0.08	1.81	41.50	14.80	16.20	13.00	4.20	0.08	0.06		
9	1.24	0.09	6.00	0.08	1.62	48.40	13.20	19.25	13.20	4.20	2.40	0.06		
10	1.15	1.62	7.40	1.05	1.15	61.20	13.20	30.40	12.20	5.00	1.05	0.06		
11	0.77	1.15	7.00	0.67	1.15	168.15	13.20	22.00	11.00	4.80	0.09	0.06		
12	0.67	0.67	5.20	0.29	1.15	178.35	11.20	20.75	10.00	4.40	0.08	0.06		
13	0.67	0.48	4.20	4.00	5.80	75.30	11.20	18.00	9.20	4.40	0.08	0.05		
14	0.67	0.38	5.00	6.00	46.40	38.20	11.20	15.20	9.20	4.20	0.06	0.05		
15	1.15	0.58	5.60	9.20	26.25	37.60	9.20	14.00	8.80	3.80	0.06	0.05		
16	1.33	0.38	5.20	15.00	13.80	89.00	9.20	13.60	8.60	3.80	0.06	0.05		
17	1.62	0.20	3.80	19.00	10.20	56.00	9.20	13.60	8.20	4.00	0.07	0.05		
18	1.62	0.10	3.40	11.20	10.60	75.30	8.20	14.20	8.20	3.60	0.06	0.05		
19	1.53	0.08	3.40	8.40	10.80	128.00	7.60	14.20	8.20	2.20	0.06	0.05		
20	1.15	0.07	5.00	7.20	9.80	237.00	6.60	13.60	7.60	1.81	0.06	0.05		
21	0.96	0.07	9.20	6.60	7.80	170.70	5.20	13.20	6.20	1.72	0.06	0.05		
22	0.67	0.08	14.20	15.00	8.40	65.50	5.20	13.00	7.20	1.43	0.06	0.05		
23	0.67	0.08	9.60	17.40	7.40	57.20	5.20	11.80	7.20	1.43	0.06	0.05		
24	0.67	0.06	8.00	12.80	7.20	117.80	5.20	11.60	8.00	1.90	0.06	0.06		
25	0.20	0.08	6.00	12.20	6.40	94.40	5.20	11.40	7.20	2.20	0.06	0.05		
26	0.10	0.08	3.40	13.40	2.40	39.70	5.20	11.20	7.00	2.40	0.06	0.05		
27	0.08	0.05	1.62	9.20	5.20	28.60	5.20	11.20	9.60	2.40	0.06	0.05		
28	0.07	0.08	1.62	7.40	5.20	24.50	4.60	11.20	9.40	1.81	0.06	0.05		
29	0.04	0.10	2.20	5.60	5.20	36.70	3.40	11.20	8.20	1.15		0.05		
30	0.04	4.80	2.20	6.20	5.20	32.80	3.20	10.80	8.00	1.62		0.05		
31		7.80		5.00	5.20		61.60		7.80	2.60		0.06		
Total	26.32	19.59	187.84	195.79	230.44	2018.55	412.60	609.80	286.80	108.07	9.33	1.68	4106.81	CMSDAY
Mean	0.88	0.63	6.26	6.32	7.43	67.28	13.31	20.33	9.25	3.49	0.33	0.05	11.25	CMS
Max	1.62	7.80	14.60	19.00	46.40	237.00	61.60	143.00	13.40	6.20	2.40	0.07	237.00	CMS
Min	0.04	0.04	1.62	0.08	1.15	9.00	3.20	10.80	6.20	1.15	0.06	0.05	0.04	CMS
Runoff	2.27	1.69	16.23	16.92	19.91	174.40	35.65	52.69	24.78	9.34	0.81	0.15	354.83	MCM
Momentary Peak	239.00 CMS. at 289.53 m. (MSL.) at 10.00 Hours , on Sep 20 , 2005													
Runoff Yield	6.40 Liters/Second/Square KM.			Momentary Peak Yield			135.950 Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Sop Soi , Chiang Mai (P.73)

Lat 18 - 17 - 25 N Long 98 - 39 - 01 E

Location : on left bank at Sop Soi Phatana Bridge.

	Ban Sop Soi	Amphoe Chom Thong	Changwat Chiang Mai
Drainage Area	14,814 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+261.750 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 15 meters from the abutment of the bridge.	Elevation	+267.505 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1998 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. No gage height in the drought period. Stage-discharge relation defined by 44 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	261.51	261.44	261.95	261.76	262.58	263.04	266.45	265.42	262.29	261.95	261.81	261.63	
2	261.42	261.43	261.99	261.70	262.47	263.51	266.48	265.87	262.25	262.01	261.81	261.65	
3	261.39	261.45	262.35	261.64	262.60	263.81	266.09	265.17	262.25	262.01	261.77	261.63	
4	261.40	261.74	262.49	261.58	262.69	264.13	265.58	264.55	262.25	262.01	261.77	261.61	
5	261.83	261.76	262.53	261.47	262.58	263.90	265.15	264.06	262.25	262.00	261.77	261.61	
6	261.95	261.73	262.50	261.49	262.49	263.61	264.78	263.97	262.27	262.00	261.79	261.60	
7	261.94	261.77	262.28	261.63	262.35	263.43	264.60	263.46	262.46	261.99	261.79	261.73	
8	261.91	261.77	262.11	261.83	262.34	263.59	264.21	263.16	262.87	261.97	261.79	261.72	
9	261.86	261.88	262.15	261.80	262.44	264.20	263.88	263.35	263.14	261.96	261.77	261.69	
10	261.79	262.02	262.14	261.70	262.35	264.98	263.45	263.39	262.97	261.94	261.81	261.67	
11	261.71	261.97	262.12	261.68	262.31	265.83	263.38	263.40	262.73	261.93	261.79	261.65	
12	261.69	261.91	262.25	261.66	262.33	266.82	263.17	263.44	262.59	261.93	261.79	261.58	
13	261.64	261.81	262.18	261.71	262.43	267.22	263.05	263.27	262.45	261.91	261.78	261.57	
14	261.67	261.82	262.12	262.49	264.20	266.50	262.98	262.98	262.38	261.90	261.75	261.55	
15	261.67	261.79	262.10	262.67	265.73	265.89	263.05	262.93	262.36	261.90	261.73	261.55	
16	261.73	261.77	262.11	262.93	265.83	265.82	263.01	262.81	262.27	261.89	261.72	261.53	
17	261.71	261.77	261.99	263.13	265.15	265.40	262.95	262.70	262.25	261.83	261.71	261.46	
18	261.64	261.75	261.95	262.92	264.46	264.93	262.93	262.71	262.21	261.84	261.71	261.46	
19	261.63	261.71	261.92	262.53	264.17	265.20	262.84	262.70	262.17	261.81	261.69	261.45	
20	261.66	261.66	261.91	262.33	264.02	266.40	262.78	262.64	262.10	261.83	261.68	261.45	
21	261.70	261.63	261.93	262.37	263.64	267.51	262.67	262.61	262.06	261.83	261.68	261.49	
22	261.78	261.69	262.15	263.21	263.20	267.27	262.65	262.60	261.97	261.83	261.67	261.49	
23	261.77	261.75	262.25	263.28	262.99	266.65	262.65	262.55	262.06	261.83	261.64	261.51	
24	261.77	261.71	262.28	263.46	262.85	266.11	262.62	262.46	262.04	261.82	261.64	261.49	
25	261.69	261.70	261.99	263.56	262.85	266.01	262.57	262.45	261.99	261.84	261.65	261.49	
26	261.58	261.73	262.05	263.86	262.72	265.40	262.57	262.42	262.06	261.80	261.65	261.49	
27	261.50	261.75	261.87	264.06	262.73	265.09	262.56	262.35	262.09	261.81	261.63	261.55	
28	261.50	261.69	261.86	263.64	262.77	264.73	262.65	262.33	262.17	261.81	261.71	261.51	
29	261.47	261.68	261.84	263.29	262.85	265.29	262.63	262.29	262.14	261.81		261.53	
30	261.37	261.69	261.66	263.01	262.82	266.33	262.62	262.29	262.02	261.81		261.53	
31		261.84		262.74	262.70		264.05		261.99	261.81		261.52	
Mean	261.66	261.74	262.10	262.49	263.15	265.29	263.58	263.21	262.29	261.89	261.73	261.56	
Max	261.95	262.02	262.53	264.06	265.83	267.51	266.48	265.87	263.14	262.01	261.81	261.73	267.51
Min	261.37	261.43	261.66	261.47	262.31	263.04	262.56	262.29	261.97	261.80	261.63	261.45	261.37
Annual Max Momentary Gage Height	267.58		m. (MSL.) ,			at 19.00 Hours ,		on Sep 11 ,					
Zero Gage at Bottom Elevation	261.75		m. (MSL.) ,			River Bed	261.12	m. (MSL.)					
Left Bank Elevation	267.71		m. (MSL.) ,										
Right Bank Elevation	268.02		m. (MSL.) ,			Drainage Are	14,814	Square Kilometers					

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Cho Lae , Chiang Mai (P.75)

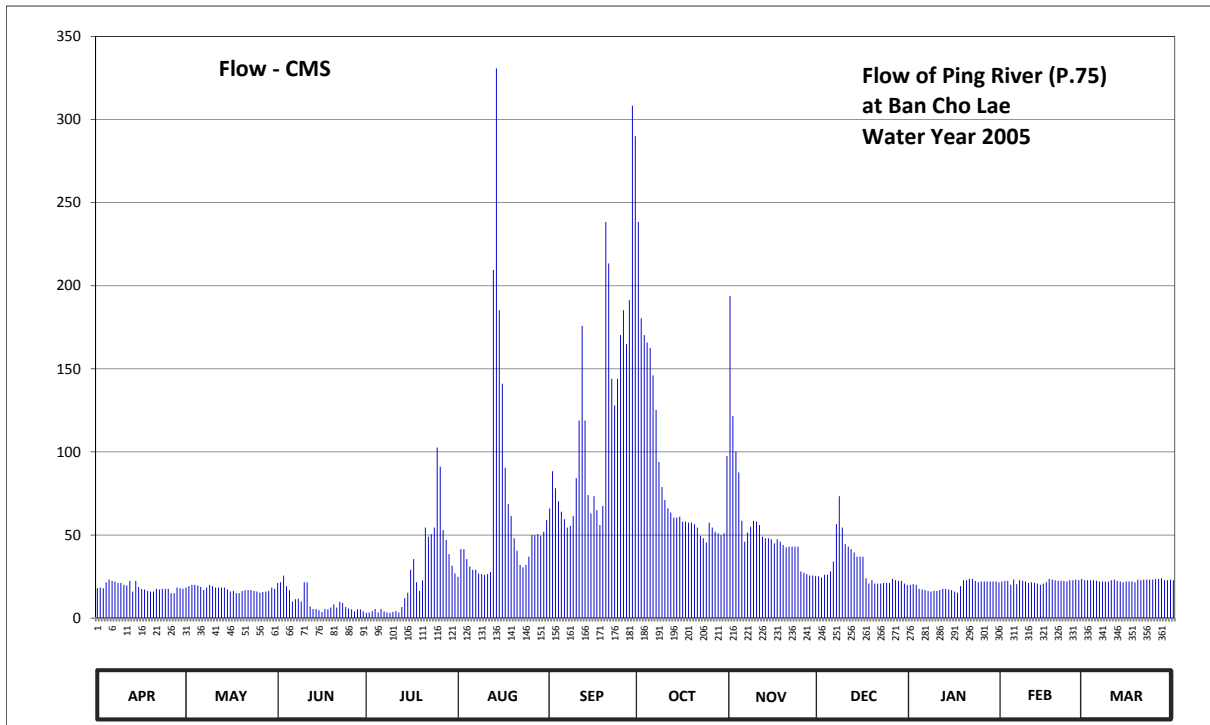
Lat 19 - 08 - 58 N Long 99 - 00 - 43 E

Location : on left bank at the bridge on road.

	Ban Cho Lae	Amphoe Mae Teang	Changwat Chiang Mai
Drainage Area	3,088 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+337.600 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 3 meters from the top staff gage.	Elevation	+341.805 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1998 to date		
Rating Operation			
Period of Rating	1998 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

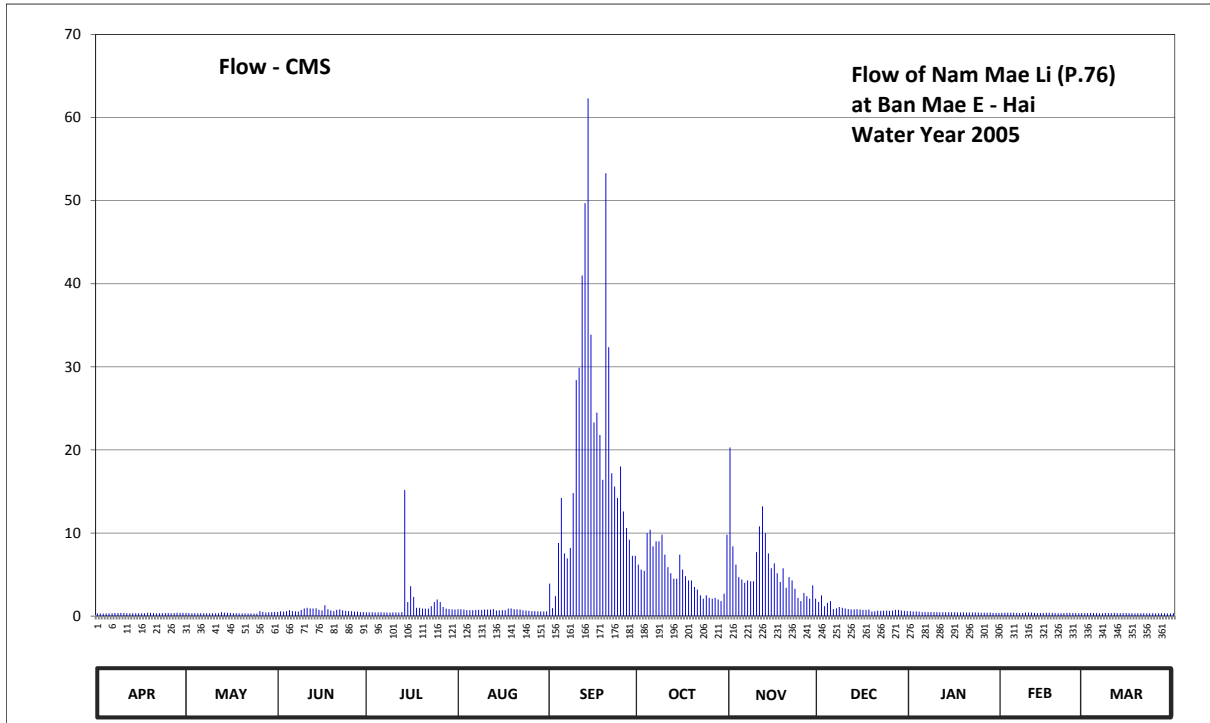
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	338.75	338.76	338.83	338.28	338.92	339.76	341.56	341.23	338.93	338.80	338.85	338.87	
2	338.76	338.78	338.84	338.29	339.27	340.12	341.12	340.54	338.91	338.81	338.86	338.87	
3	338.75	338.80	338.94	338.33	339.27	339.97	341.03	340.29	338.95	338.80	338.86	338.87	
4	338.84	338.80	338.78	338.38	339.15	339.84	340.99	340.11	338.95	338.74	338.80	338.87	
5	338.88	338.79	338.72	338.30	339.06	339.72	340.96	339.61	339.00	338.73	338.88	338.86	
6	338.86	338.77	338.52	338.38	339.02	339.63	340.80	339.36	339.12	338.72	338.81	338.85	
7	338.85	338.72	338.56	338.32	339.02	339.53	340.58	339.47	339.57	338.71	338.87	338.85	
8	338.83	338.76	338.57	338.29	338.97	339.55	340.20	339.54	339.89	338.70	338.86	338.85	
9	338.83	338.80	338.52	338.28	338.96	339.67	339.98	339.61	339.53	338.71	338.85	338.85	
10	338.80	338.78	338.84	338.31	338.95	340.06	339.85	339.60	339.33	338.71	338.83	338.87	
11	338.79	338.76	338.84	338.33	338.96	340.51	339.76	339.56	339.30	338.72	338.84	338.88	
12	338.86	338.76	338.43	338.29	338.99	341.08	339.71	339.42	339.27	338.74	338.83	338.86	
13	338.70	338.76	338.38	338.42	341.35	340.51	339.65	339.40	339.23	338.74	338.82	338.85	
14	338.86	338.76	338.38	338.58	342.18	339.90	339.65	339.40	339.18	338.73	338.80	338.84	
15	338.77	338.73	338.35	338.68	341.16	339.70	339.66	339.39	339.18	338.72	338.82	338.85	
16	338.74	338.70	338.31	339.02	340.75	339.89	339.60	339.34	339.18	338.70	338.84	338.85	
17	338.73	338.71	338.38	339.15	340.15	339.74	339.60	339.39	338.90	338.68	338.89	338.85	
18	338.71	338.67	338.37	338.84	339.81	339.56	339.59	339.36	338.82	338.78	338.88	338.84	
19	338.70	338.67	338.41	338.71	339.67	339.79	339.59	339.32	338.87	338.87	338.87	338.88	
20	338.70	338.71	338.47	338.87	339.40	341.56	339.57	339.29	338.82	338.87	338.86	338.87	
21	338.74	338.72	338.41	339.53	339.25	341.38	339.53	339.30	338.82	338.89	338.86	338.88	
22	338.73	338.72	338.51	339.42	339.08	340.78	339.43	339.30	338.82	338.89	338.86	338.88	
23	338.74	338.72	338.49	339.45	339.05	340.61	339.40	339.30	338.83	338.86	338.85	338.88	
24	338.74	338.71	338.42	339.53	339.08	340.78	339.35	339.30	338.83	338.84	338.87	338.88	
25	338.74	338.70	338.39	340.32	339.18	341.03	339.59	339.00	338.83	338.85	338.87	338.89	
26	338.67	338.68	338.37	340.16	339.44	341.16	339.53	338.98	338.89	338.85	338.88	338.89	
27	338.67	338.69	338.32	339.50	339.44	340.98	339.48	338.96	338.87	338.85	338.87	338.90	
28	338.76	338.70	338.37	339.38	339.45	341.21	339.46	338.94	338.86	338.85	338.89	338.87	
29	338.75	338.71	338.37	339.21	339.43	342.04	339.44	338.94	338.86	338.85		338.87	
30	338.74	338.76	338.32	339.07	339.48	341.92	339.46	338.93	338.82	338.85		338.88	
31		338.74		338.97	339.62		340.25		338.80	338.84		338.87	
Mean	338.77	338.74	338.51	338.86	339.53	340.40	339.95	339.47	339.04	338.79	338.85	338.87	
Max	338.88	338.80	338.94	340.32	342.18	342.04	341.56	341.23	339.89	338.89	338.89	338.90	342.18
Min	338.67	338.67	338.31	338.28	338.92	339.53	339.35	338.93	338.80	338.68	338.80	338.84	338.28
Annual Max Momentary Gage Height	342.79		m. (MSL.) ,			at 23.00 Hours ,		on Aug 13 , 2005					
Zero Gage at Bottom Elevation	337.60		m. (MSL.) ,			River Bed	337.09	m. (MSL.)					
Left Bank Elevation		345.12		m. (MSL.) ,									
Right Bank Elevation		245.14		m. (MSL.) ,		Drainage Are	3,088	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	18.00	18.40	21.20	3.20	24.82	66.00	238.40	193.90	25.23	20.00	22.00	22.80	
2	18.40	19.20	21.60	3.35	41.50	88.40	180.40	121.60	24.41	20.40	22.40	22.80	
3	18.00	20.00	25.64	4.25	41.50	78.20	170.30	100.30	26.05	20.00	22.40	22.80	
4	21.60	20.00	19.20	5.50	35.50	70.40	165.90	87.70	26.05	17.60	20.00	22.80	
5	23.20	19.60	16.80	3.50	31.04	64.00	162.60	58.50	28.09	17.20	23.20	22.40	
6	22.40	18.80	10.00	5.50	29.07	59.50	146.00	46.00	34.01	16.80	20.40	22.00	
7	22.00	16.80	11.33	4.00	29.07	54.50	125.20	51.50	56.50	16.40	22.80	22.00	
8	21.20	18.40	11.67	3.35	26.86	55.50	94.00	55.00	73.40	16.00	22.40	22.00	
9	21.20	20.00	10.00	3.20	26.45	61.50	78.80	58.50	54.50	16.40	22.00	22.00	
10	20.00	19.20	21.60	3.75	26.05	84.20	71.00	58.00	44.50	16.40	21.20	22.80	
11	19.60	18.40	21.60	4.25	26.45	118.90	66.00	56.00	43.00	16.80	21.60	23.20	
12	22.40	18.40	7.00	3.35	27.68	175.80	63.50	49.00	41.50	17.60	21.20	22.40	
13	16.00	18.40	5.50	6.67	209.50	118.90	60.50	48.00	39.50	17.60	20.80	22.00	
14	22.40	18.40	5.50	12.00	330.80	74.00	60.50	48.00	37.00	17.20	20.00	21.60	
15	18.80	17.20	4.75	15.33	185.20	63.00	61.00	47.50	37.00	16.80	20.80	22.00	
16	17.60	16.00	3.75	29.07	141.00	73.40	58.00	45.00	37.00	16.00	21.60	22.00	
17	17.20	16.40	5.50	35.50	90.50	65.00	58.00	47.50	24.00	15.33	23.60	22.00	
18	16.40	15.00	5.25	21.60	68.60	56.00	57.50	46.00	20.80	19.20	23.20	21.60	
19	16.00	15.00	6.33	16.40	61.50	67.50	57.50	44.00	22.80	22.80	22.80	23.20	
20	16.00	16.40	8.33	22.80	48.00	238.40	56.50	42.50	20.80	22.80	22.40	22.80	
21	17.60	16.80	6.33	54.50	40.50	213.40	54.50	43.00	20.80	23.60	22.40	23.20	
22	17.20	16.80	9.67	49.00	32.03	144.00	49.50	43.00	20.80	23.60	22.40	23.20	
23	17.60	16.80	9.00	50.50	30.55	127.90	48.00	43.00	21.20	22.40	22.00	23.20	
24	17.60	16.40	6.67	54.50	32.03	144.00	45.50	43.00	21.20	21.60	22.80	23.20	
25	17.60	16.00	5.75	102.60	37.00	170.30	57.50	28.09	21.20	22.00	22.80	23.60	
26	15.00	15.33	5.25	91.20	50.00	185.20	54.50	27.27	23.60	22.00	23.20	23.60	
27	15.00	15.67	4.00	53.00	50.00	164.80	52.00	26.45	22.80	22.00	22.80	24.00	
28	18.40	16.00	5.25	47.00	50.50	191.30	51.00	25.64	22.40	22.00	23.60	22.80	
29	18.00	16.40	5.25	38.50	49.50	308.40	50.00	25.64	22.40	22.00	22.80	22.80	
30	17.60	18.40	4.00	31.53	52.00	290.00	51.00	25.23	20.80	22.00	23.20	23.20	
31		17.60		26.86	59.00		97.50		20.00	21.60		22.80	
Total	560.00	542.20	303.72	805.76	1984.20	3672.40	2642.60	1634.82	953.34	604.13	618.80	702.80	15024.77 CMSDAY
Mean	18.67	17.49	10.12	25.99	64.01	122.41	85.25	54.49	30.75	19.49	22.10	22.67	41.16 CMS
Max	23.20	20.00	25.64	102.60	330.80	308.40	238.40	193.90	73.40	23.60	23.60	24.00	330.80 CMS
Min	15.00	15.00	3.75	3.20	24.82	54.50	45.50	25.23	20.00	15.33	20.00	21.60	3.20 CMS
Runoff	48.38	46.85	26.24	69.62	171.44	317.30	228.32	141.25	82.37	52.20	53.46	60.72	1298.14 MCM
Momentary Peak		435.20		CMS. at 342.79 m. (MSL) at 23.00 Hours , on Aug 13 , 2005									
Runoff Yield		13.33		Liters/Second/Square KM.		Momentary Peak Yield	140.933						Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	0.39	0.50	0.47	0.82	3.90	6.20	20.30	1.70	0.60	0.41	0.35	
2	0.32	0.36	0.57	0.47	0.82	0.97	5.60	8.40	2.50	0.55	0.41	0.37	
3	0.31	0.35	0.53	0.46	0.78	2.40	5.45	6.20	1.20	0.55	0.41	0.38	
4	0.33	0.35	0.60	0.45	0.72	8.80	10.00	4.70	1.60	0.53	0.41	0.37	
5	0.33	0.35	0.72	0.45	0.72	14.20	10.40	4.40	1.80	0.48	0.41	0.37	
6	0.35	0.34	0.60	0.46	0.72	7.55	8.40	4.00	0.85	0.48	0.38	0.35	
7	0.36	0.34	0.57	0.45	0.75	6.95	9.00	4.30	0.95	0.48	0.37	0.35	
8	0.37	0.34	0.55	0.44	0.75	8.20	9.00	4.20	1.10	0.48	0.37	0.38	
9	0.38	0.34	0.75	0.43	0.75	14.80	9.80	4.20	1.00	0.48	0.42	0.37	
10	0.38	0.34	0.93	0.45	0.78	28.40	7.40	7.70	0.93	0.48	0.43	0.37	
11	0.35	0.34	1.00	0.44	0.78	29.90	5.90	10.80	0.85	0.46	0.42	0.38	
12	0.34	0.35	0.93	0.43	0.78	41.00	5.15	13.20	0.80	0.47	0.38	0.37	
13	0.34	0.46	0.93	0.48	0.85	49.70	4.50	10.00	0.80	0.47	0.37	0.35	
14	0.34	0.43	0.95	15.20	0.68	62.30	4.50	7.55	0.82	0.47	0.37	0.36	
15	0.35	0.40	0.75	1.70	0.70	33.87	7.40	5.75	0.78	0.47	0.38	0.36	
16	0.35	0.38	0.70	3.60	0.72	23.30	5.60	6.35	0.75	0.46	0.40	0.35	
17	0.35	0.35	1.30	2.30	0.72	24.50	4.80	5.15	0.75	0.44	0.40	0.34	
18	0.40	0.34	0.82	1.00	0.90	21.80	4.30	4.10	0.78	0.44	0.39	0.33	
19	0.39	0.33	0.68	1.00	0.93	16.40	4.30	5.75	0.55	0.44	0.37	0.34	
20	0.36	0.33	0.60	0.90	0.82	53.30	3.50	3.40	0.57	0.43	0.35	0.34	
21	0.35	0.32	0.75	0.90	0.80	32.37	3.20	4.70	0.65	0.44	0.35	0.34	
22	0.35	0.33	0.80	0.90	0.78	17.20	2.50	4.30	0.63	0.44	0.36	0.34	
23	0.37	0.32	0.70	1.20	0.70	15.60	2.10	3.30	0.65	0.44	0.38	0.34	
24	0.36	0.30	0.63	1.70	0.68	14.20	2.50	2.20	0.65	0.43	0.39	0.34	
25	0.36	0.31	0.60	2.00	0.63	18.00	2.20	1.80	0.63	0.41	0.39	0.33	
26	0.34	0.60	0.60	1.70	0.60	12.60	2.10	2.80	0.65	0.41	0.37	0.35	
27	0.36	0.50	0.53	1.10	0.60	10.60	2.20	2.40	0.75	0.41	0.35	0.34	
28	0.40	0.45	0.53	0.90	0.57	9.20	2.00	2.10	0.75	0.42	0.36	0.34	
29	0.39	0.46	0.48	0.85	0.55	7.25	1.80	3.70	0.68	0.39		0.32	
30	0.38	0.48	0.48	0.80	0.55	7.25	2.70	2.10	0.63	0.39		0.33	
31		0.49		0.78	0.55		9.80		0.60	0.38		0.35	
Total	10.68	11.77	21.08	44.41	22.50	596.51	164.30	169.85	28.35	14.22	10.80	10.90	1105.37 CMSDAY
Mean	0.36	0.38	0.70	1.43	0.73	19.88	5.30	5.66	0.91	0.46	0.39	0.35	3.03 CMS
Max	0.40	0.60	1.30	15.20	0.93	62.30	10.40	20.30	2.50	0.60	0.43	0.38	62.30 CMS
Min	0.31	0.30	0.48	0.43	0.55	0.97	1.80	1.80	0.55	0.38	0.35	0.32	0.30 CMS
Runoff	0.92	1.02	1.82	3.84	1.94	51.54	14.20	14.68	2.45	1.23	0.93	0.94	95.50 MCM
Momentary Peak	79.95	CMS.	at 367.29 m. (MSL.)	at 21.00 Hours	, on Sep 13, 2005								
Runoff Yield	1.96	Liters/Second/Square KM.			Momentary Peak Yield	51.781	Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Tha at Ban Sop Mae Sapuad , Lamphun (P.77)

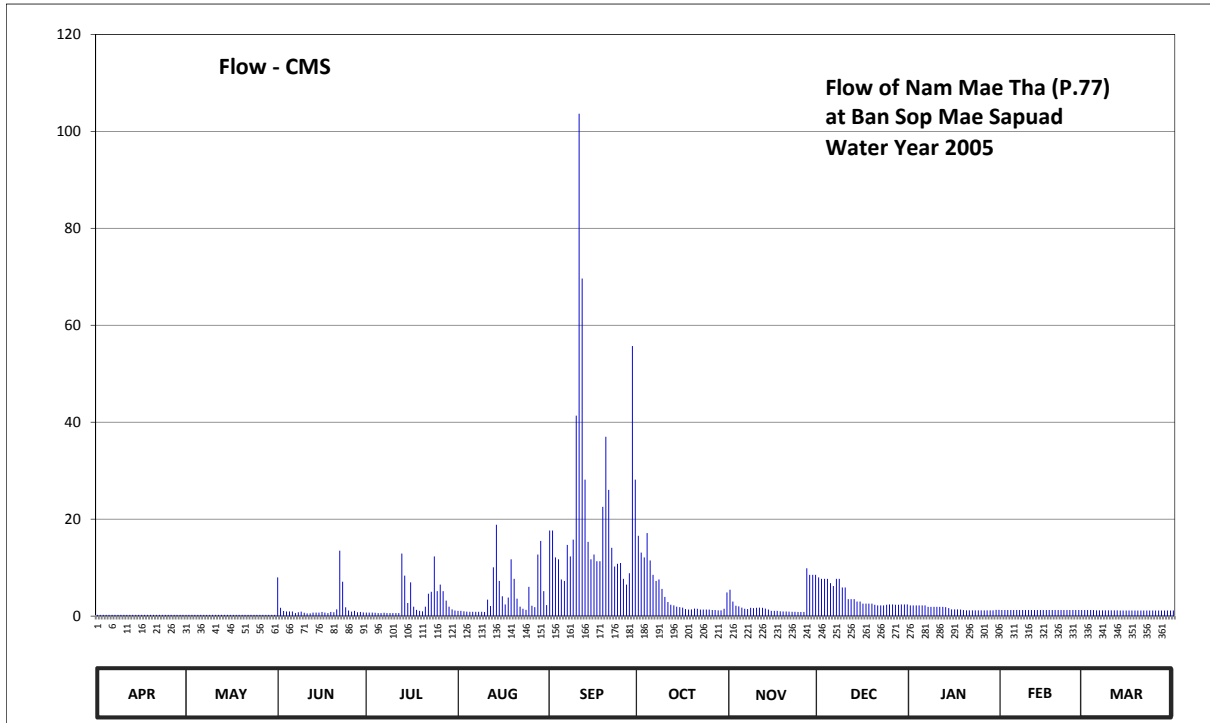
Lat 18 - 25 - 57 N Long 99 - 05 - 02 E

Location : on left bank at the bridge on road.

	Ban Sop Mae Sapuad	Amphoe Mae Tha	Changwat Lamphun
Drainage Area	550 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+364.378 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20 meters from the top staff gage.	Elevation	+369.286 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 25 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

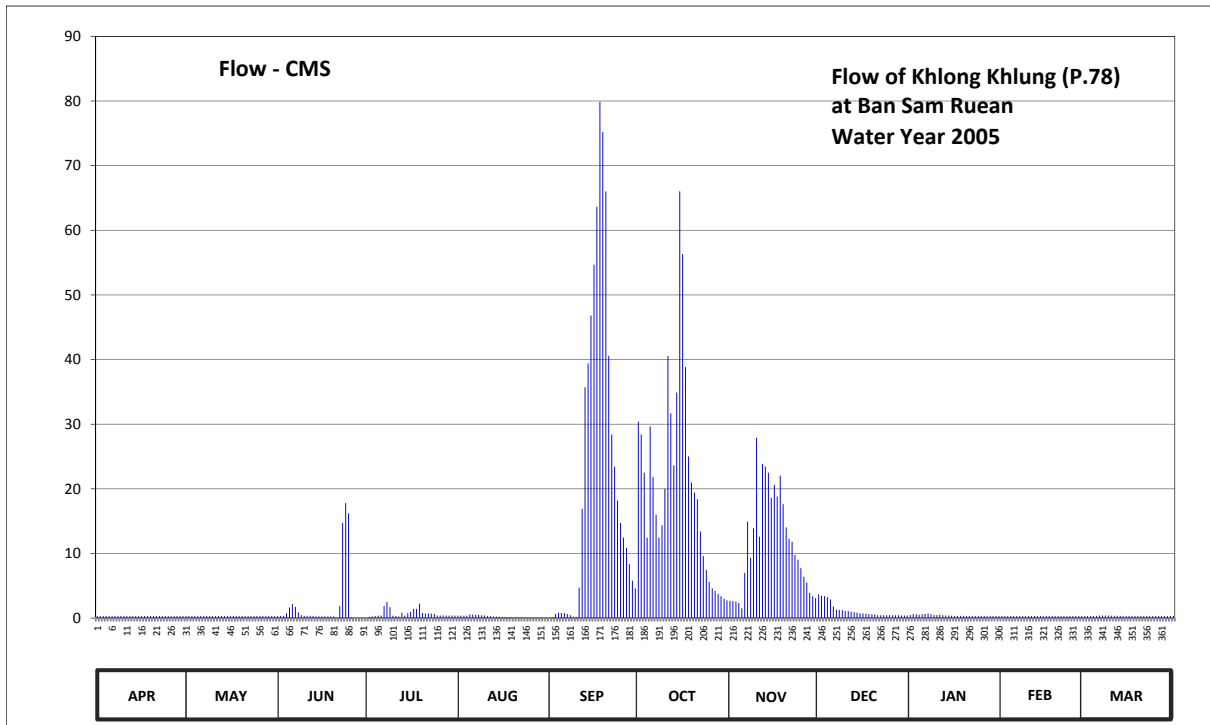
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	364.73	364.73	365.70	364.93	365.02	366.18	366.14	365.53	365.70	365.23	365.05	365.05	
2	364.73	364.73	365.14	364.93	365.02	366.18	365.98	365.33	365.68	365.23	365.05	365.05	
3	364.73	364.73	365.01	364.93	365.00	365.93	365.93	365.22	365.68	365.23	365.05	365.05	
4	364.73	364.73	364.99	364.92	364.98	365.91	366.16	365.20	365.68	365.23	365.05	365.05	
5	364.73	364.73	364.99	364.91	364.97	365.67	365.90	365.15	365.62	365.23	365.05	365.04	
6	364.73	364.73	364.99	364.91	364.97	365.65	365.73	365.10	365.58	365.23	365.05	365.04	
7	364.73	364.73	364.91	364.92	364.97	366.06	365.65	365.09	365.68	365.18	365.05	365.04	
8	364.73	364.73	364.95	364.91	364.97	365.94	365.67	365.14	365.68	365.18	365.05	365.04	
9	364.73	364.73	364.98	364.91	364.97	366.11	365.54	365.13	365.56	365.18	365.05	365.04	
10	364.73	364.73	364.92	364.91	364.96	366.77	365.42	365.14	365.56	365.18	365.05	365.04	
11	364.73	364.73	364.88	364.91	365.37	367.51	365.32	365.15	365.38	365.18	365.05	365.04	
12	364.73	364.73	364.88	364.91	365.21	367.18	365.25	365.14	365.38	365.18	365.05	365.04	
13	364.73	364.73	364.93	365.97	365.82	366.49	365.23	365.11	365.38	365.17	365.05	365.03	
14	364.73	364.73	364.93	365.72	366.22	366.09	365.19	365.07	365.33	365.13	365.05	365.03	
15	364.73	364.73	364.93	365.30	365.65	365.91	365.17	365.02	365.33	365.08	365.05	365.03	
16	364.73	364.73	364.96	365.63	365.43	365.96	365.15	365.02	365.28	365.08	365.05	365.03	
17	364.73	364.73	364.93	365.19	365.26	365.89	365.09	365.02	365.28	365.08	365.05	365.03	
18	364.73	364.73	364.91	365.06	365.41	365.89	365.07	365.00	365.28	365.07	365.05	365.03	
19	364.73	364.73	364.96	365.02	365.91	366.33	365.08	364.99	365.28	365.05	365.05	365.03	
20	364.73	364.73	364.95	365.00	365.68	366.69	365.11	364.99	365.25	365.04	365.05	365.03	
21	364.73	364.73	365.08	365.19	365.39	366.43	365.10	364.98	365.23	365.04	365.05	365.03	
22	364.73	364.73	366.00	365.47	365.19	366.03	365.07	364.97	365.23	365.04	365.05	365.03	
23	364.73	364.73	365.64	365.50	365.10	365.83	365.07	364.97	365.23	365.04	365.05	365.03	
24	364.73	364.73	365.16	365.94	365.06	365.86	365.07	364.96	365.25	365.04	365.05	365.03	
25	364.73	364.73	365.03	365.51	365.57	365.87	365.07	364.96	365.26	365.04	365.05	365.03	
26	364.73	364.73	364.98	365.60	365.22	365.68	365.05	364.96	365.26	365.04	365.05	365.03	
27	364.73	364.73	365.02	365.51	365.17	365.60	365.05	365.81	365.25	365.04	365.05	365.03	
28	364.73	364.73	364.95	365.35	365.96	365.75	365.04	365.73	365.25	365.04	365.05	365.03	
29	364.73	364.73	364.96	365.19	366.10	367.01	365.04	365.73	365.26	365.04	365.05	365.03	
30	364.73	364.73	364.94	365.08	365.51	366.49	365.10	365.73	365.26	365.06	365.05	365.03	
31		364.73		365.03	365.24		365.49		365.26	365.06	365.05	365.03	
Mean	364.73	364.73	365.05	365.20	365.33	366.16	365.35	365.18	365.40	365.12	365.05	365.04	
Max	364.73	364.73	366.00	365.97	366.22	367.51	366.16	365.81	365.70	365.23	365.05	365.05	367.51
Min	364.73	364.73	364.88	364.91	364.96	365.60	365.04	364.96	365.23	365.04	365.05	365.03	364.73
Annual Max Momentary Gage Height	367.68		m. (MSL.) ,			at 05.00 Hours ,		on Sep 12 , 2005					
Zero Gage at Bottom Elevation	364.38		m. (MSL.) ,			River Bed	364.18	m. (MSL.)					
Left Bank Elevation		370.12		m. (MSL.) ,									
Right Bank Elevation		374.19		m. (MSL.) ,		Drainage Are	550	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.26	0.26	8.00	0.72	1.10	17.66	16.58	5.45	8.00	2.21	1.25	1.25	
2	0.26	0.26	1.70	0.72	1.10	17.66	13.10	3.00	7.70	2.21	1.25	1.25	
3	0.26	0.26	1.05	0.72	1.00	12.10	12.10	2.14	7.70	2.21	1.25	1.25	
4	0.26	0.26	0.96	0.68	0.92	11.70	17.12	2.00	7.70	2.21	1.25	1.25	
5	0.26	0.26	0.96	0.64	0.88	7.55	11.50	1.75	6.80	2.21	1.25	1.20	
6	0.26	0.26	0.96	0.64	0.88	7.25	8.51	1.50	6.20	2.21	1.25	1.20	
7	0.26	0.26	0.64	0.68	0.88	14.70	7.25	1.45	7.70	1.90	1.25	1.20	
8	0.26	0.26	0.80	0.64	0.88	12.30	7.55	1.70	7.70	1.90	1.25	1.20	
9	0.26	0.26	0.92	0.64	0.88	15.77	5.60	1.65	5.90	1.90	1.25	1.20	
10	0.26	0.26	0.68	0.64	0.84	41.35	3.96	1.70	5.90	1.90	1.25	1.20	
11	0.26	0.26	0.56	0.64	3.40	103.65	2.90	1.75	3.50	1.90	1.25	1.20	
12	0.26	0.26	0.56	0.64	2.07	69.64	2.35	1.70	3.50	1.90	1.25	1.20	
13	0.26	0.26	0.72	12.90	10.06	28.15	2.21	1.55	3.50	1.85	1.25	1.15	
14	0.26	0.26	0.72	8.34	18.86	15.30	1.95	1.35	3.00	1.65	1.25	1.15	
15	0.26	0.26	0.72	2.70	7.25	11.70	1.85	1.10	3.00	1.40	1.25	1.15	
16	0.26	0.26	0.84	6.95	4.09	12.70	1.75	1.10	2.56	1.40	1.25	1.15	
17	0.26	0.26	0.72	1.95	2.42	11.32	1.45	1.10	2.56	1.40	1.25	1.15	
18	0.26	0.26	0.64	1.30	3.83	11.32	1.35	1.00	2.56	1.35	1.25	1.15	
19	0.26	0.26	0.84	1.10	11.70	22.55	1.40	0.96	2.56	1.25	1.25	1.15	
20	0.26	0.26	0.80	1.00	7.70	37.00	1.55	0.96	2.35	1.20	1.25	1.15	
21	0.26	0.26	1.40	1.95	3.60	26.05	1.50	0.92	2.21	1.20	1.25	1.15	
22	0.26	0.26	13.50	4.61	1.95	14.10	1.35	0.88	2.21	1.20	1.25	1.15	
23	0.26	0.26	7.10	5.00	1.50	10.24	1.35	0.88	2.21	1.20	1.25	1.15	
24	0.26	0.26	1.80	12.30	1.30	10.78	1.35	0.84	2.35	1.20	1.25	1.15	
25	0.26	0.26	1.15	5.15	6.05	10.96	1.35	0.84	2.42	1.20	1.25	1.15	
26	0.26	0.26	0.92	6.50	2.14	7.70	1.25	0.84	2.42	1.20	1.25	1.15	
27	0.26	0.26	1.10	5.15	1.85	6.50	1.25	9.88	2.35	1.20	1.25	1.15	
28	0.26	0.26	0.80	3.20	12.70	8.85	1.20	8.51	2.35	1.20	1.25	1.15	
29	0.26	0.26	0.84	1.95	15.50	55.72	1.20	8.51	2.42	1.20		1.15	
30	0.26	0.26	0.76	1.40	5.15	28.15	1.50	8.51	2.42	1.30		1.15	
31		0.26		1.15	2.28		4.87		2.42	1.30		1.15	
Total	7.80	8.06	53.16	92.60	134.76	660.42	140.20	75.52	126.17	49.56	35.00	36.45	1419.70 CMSDAY
Mean	0.26	0.26	1.77	2.99	4.35	22.01	4.52	2.52	4.07	1.60	1.25	1.18	3.89 CMS
Max	0.26	0.26	13.50	12.90	18.86	103.65	17.12	9.88	8.00	2.21	1.25	1.25	103.65 CMS
Min	0.26	0.26	0.56	0.64	0.84	6.50	1.20	0.84	2.21	1.20	1.25	1.15	0.26 CMS
Runoff	0.67	0.70	4.59	8.00	11.64	57.06	12.11	6.53	10.90	4.28	3.02	3.15	122.66 MCM
Momentary Peak	124.80	CMS.	at 367.68 m. (MSL.)	at 05.00 Hours	, on Sep 12, 2005								
Runoff Yield	7.07	Liters/Second/Square KM.		Momentary Peak Yield	226.909	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.33	0.33	0.33	0.00	0.40	0.08	30.40	2.68	3.66	0.48	0.33	0.33	
2	0.33	0.33	0.33	0.19	0.37	0.08	28.40	2.61	3.45	0.64	0.33	0.33	
3	0.33	0.33	0.33	0.28	0.37	0.64	22.49	2.54	3.38	0.60	0.33	0.33	
4	0.33	0.33	0.76	0.31	0.37	0.84	12.44	2.34	3.24	0.52	0.33	0.33	
5	0.33	0.33	1.62	0.36	0.56	0.80	29.65	1.50	2.89	0.60	0.33	0.33	
6	0.33	0.33	2.16	0.40	0.56	0.80	21.80	7.00	1.80	0.64	0.33	0.39	
7	0.33	0.33	1.74	1.86	0.52	0.64	16.00	14.92	1.32	0.72	0.33	0.40	
8	0.33	0.33	0.92	2.47	0.52	0.44	12.44	9.32	1.26	0.60	0.33	0.40	
9	0.33	0.33	0.48	1.68	0.44	0.23	14.38	13.88	1.20	0.48	0.33	0.39	
10	0.33	0.33	0.35	0.37	0.40	0.17	20.00	27.90	1.12	0.48	0.33	0.37	
11	0.33	0.33	0.35	0.32	0.33	4.70	40.57	12.60	1.08	0.52	0.33	0.36	
12	0.33	0.33	0.35	0.24	0.29	16.90	31.67	23.87	1.00	0.44	0.33	0.35	
13	0.33	0.33	0.33	0.84	0.25	35.72	23.64	23.41	0.92	0.40	0.33	0.35	
14	0.33	0.33	0.27	0.40	0.23	39.41	34.91	22.49	0.84	0.39	0.33	0.33	
15	0.33	0.33	0.27	0.76	0.20	46.80	66.02	18.60	0.76	0.36	0.33	0.33	
16	0.33	0.33	0.27	0.96	0.19	54.68	56.32	20.60	0.72	0.35	0.33	0.33	
17	0.33	0.33	0.27	1.44	0.16	63.64	38.83	18.80	0.68	0.35	0.33	0.33	
18	0.33	0.33	0.27	1.44	0.15	79.88	25.02	22.03	0.64	0.35	0.33	0.33	
19	0.33	0.33	0.27	2.22	0.13	75.20	21.00	17.62	0.60	0.35	0.33	0.33	
20	0.33	0.33	0.27	0.80	0.12	66.02	19.40	14.04	0.56	0.33	0.33	0.33	
21	0.33	0.33	0.08	0.72	0.11	40.57	18.40	12.28	0.48	0.33	0.33	0.33	
22	0.33	0.33	1.86	0.72	0.09	28.40	13.40	11.80	0.44	0.33	0.33	0.33	
23	0.33	0.33	14.74	0.68	0.09	23.41	9.60	9.74	0.44	0.33	0.33	0.33	
24	0.33	0.33	17.80	0.64	0.08	18.20	7.48	9.04	0.44	0.33	0.33	0.33	
25	0.33	0.33	16.18	0.40	0.08	14.74	5.60	7.72	0.44	0.33	0.33	0.33	
26	0.33	0.33	0.12	0.40	0.08	12.44	4.60	6.40	0.44	0.33	0.33	0.33	
27	0.33	0.33	0.00	0.40	0.08	10.86	4.20	5.50	0.44	0.33	0.33	0.33	
28	0.33	0.33	0.00	0.39	0.08	8.34	3.73	3.90	0.44	0.33	0.33	0.33	
29	0.33	0.33	0.00	0.40	0.08	5.80	3.38	3.38	0.40	0.33	0.33	0.33	
30	0.33	0.33	0.00	0.40	0.08	4.60	3.03	3.10	0.40	0.33	0.33	0.33	
31		0.33		0.40	0.08		2.75		0.40	0.33		0.33	
Total	9.90	10.23	62.72	22.89	7.49	655.03	641.55	351.61	35.88	13.23	9.24	10.60	1830.37 CMSDAY
Mean	0.33	0.33	2.09	0.74	0.24	21.83	20.70	11.72	1.16	0.43	0.33	0.34	5.01 CMS
Max	0.33	0.33	17.80	2.47	0.56	79.88	66.02	27.90	3.66	0.72	0.33	0.40	79.88 CMS
Min	0.33	0.33	0.00	0.00	0.08	0.08	2.75	1.50	0.40	0.33	0.33	0.33	0.00 CMS
Runoff	0.86	0.88	5.42	1.98	0.65	56.60	55.43	30.38	3.10	1.14	0.80	0.92	158.14 MCM
Momentary Peak	84.25	CMS.	at 4.85 m. (A.D.)	at 18.00 Hours	, on Sep 18, 2005								
Runoff Yield	*****	Liters/Second/Square KM.		Momentary Peak Yield	*****	Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Kuang at Ban Mae Wan , Chiang Mai (P.79)

Lat 18 - 57 - 45 N Long 99 - 14 - 31 E

Location : on left bank at the bridge on road.

	Ban Mae Wan	Amphoe Doi Saket	Changwat Chiang Mai
Drainage Area	136 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+442.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the approach of the bridge.	Elevation	+447.157 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Rather unstable by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	442.92	442.92	442.99	442.99	443.19	443.75	443.43	443.29	443.07	443.04	442.99	442.96	
2	442.93	442.93	443.03	442.99	443.23	443.50	443.40	443.18	443.07	443.04	442.99	442.96	
3	442.95	442.93	443.09	442.99	443.20	443.41	443.36	443.17	443.07	443.03	442.99	442.96	
4	443.05	442.94	443.09	442.98	443.16	443.40	443.36	443.15	443.07	443.03	442.99	442.96	
5	442.97	442.93	443.05	443.01	443.16	443.30	443.33	443.15	443.07	443.03	442.99	442.96	
6	442.96	442.92	443.02	443.01	443.16	443.36	443.30	443.15	443.18	443.03	442.99	442.96	
7	442.95	442.94	443.10	443.02	443.15	443.25	443.28	443.15	443.11	443.03	442.99	442.96	
8	442.95	442.98	443.09	442.99	443.15	443.24	443.23	443.27	443.10	443.03	442.99	442.96	
9	442.95	443.02	443.14	442.99	443.15	443.27	443.24	443.19	443.10	443.03	442.98	442.96	
10	442.94	442.95	443.14	443.06	443.15	443.34	443.23	443.15	443.09	443.03	442.98	442.96	
11	442.94	442.93	443.13	443.02	443.12	443.53	443.21	443.16	443.08	443.02	442.98	442.96	
12	442.98	442.93	443.06	443.10	443.22	443.37	443.19	443.19	443.08	443.02	442.98	442.96	
13	442.97	442.94	443.05	443.14	444.22	443.31	443.22	443.17	443.07	443.02	442.98	442.95	
14	442.98	442.94	443.08	443.15	443.41	443.20	443.21	443.16	443.06	443.02	442.98	442.95	
15	442.97	442.95	443.05	443.41	443.26	443.26	443.20	443.14	443.06	443.01	442.98	442.95	
16	442.95	442.93	443.05	443.94	443.16	443.28	443.19	443.13	443.05	443.01	442.98	442.95	
17	442.94	442.93	443.05	443.27	443.12	443.26	443.19	443.13	443.05	443.01	442.97	442.95	
18	442.94	442.93	443.05	443.14	443.12	443.28	443.18	443.13	443.05	443.01	442.97	442.95	
19	442.93	442.93	443.05	443.09	443.06	443.53	443.15	443.13	443.05	443.01	442.97	442.95	
20	442.95	442.94	443.05	443.19	443.05	443.50	443.15	443.12	443.05	443.01	442.97	442.95	
21	442.96	443.13	443.04	443.83	443.02	443.45	443.15	443.09	443.04	443.01	442.97	442.95	
22	442.95	443.02	443.17	443.38	443.03	443.40	443.14	443.09	443.04	443.00	442.97	442.95	
23	442.94	443.07	443.06	443.85	443.00	443.37	443.14	443.09	443.04	443.00	442.97	442.95	
24	442.93	443.03	443.05	443.43	442.99	443.44	443.13	443.09	443.04	443.00	442.97	442.95	
25	442.93	443.04	443.00	443.50	442.99	443.34	443.13	443.09	443.04	443.00	442.96	442.95	
26	442.93	443.03	442.99	443.51	442.99	443.30	443.12	443.08	443.05	443.00	442.96	442.95	
27	442.93	443.01	442.99	443.49	442.99	443.30	443.12	443.08	443.05	443.00	442.96	442.95	
28	442.93	442.97	442.99	443.39	444.02	444.03	443.12	443.07	443.04	443.00	442.96	442.95	
29	442.93	442.96	443.01	443.31	443.83	443.99	443.11	443.07	443.04	443.00	442.96	442.95	
30	442.93	442.98	443.03	443.26	443.70	443.63	443.26	443.07	443.04	443.00	442.96	442.95	
31		442.98		443.22	443.50		443.22		443.04	442.99		442.96	
Mean	442.95	442.97	443.06	443.25	443.24	443.42	443.22	443.14	443.06	443.01	442.98	442.95	
Max	443.05	443.13	443.17	443.94	444.22	444.03	443.43	443.29	443.18	443.04	442.99	442.96	444.22
Min	442.92	442.92	442.99	442.98	442.99	443.20	443.11	443.07	443.04	442.99	442.96	442.95	442.92
Annual Max Momentary Gage Height	445.33		m. (MSL.) ,			at 24.00 Hours ,		on Jul 20 , 2005					
Zero Gage at Bottom Elevation	442.30		m. (MSL.) ,			River Bed	442.30	m. (MSL.)					
Left Bank Elevation		446.87		m. (MSL.) ,									
Right Bank Elevation		446.08		m. (MSL.) ,		Drainage Are	136	Square Kilometers					

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Lai at Ban Pong Din , Chiang Mai (P.80)

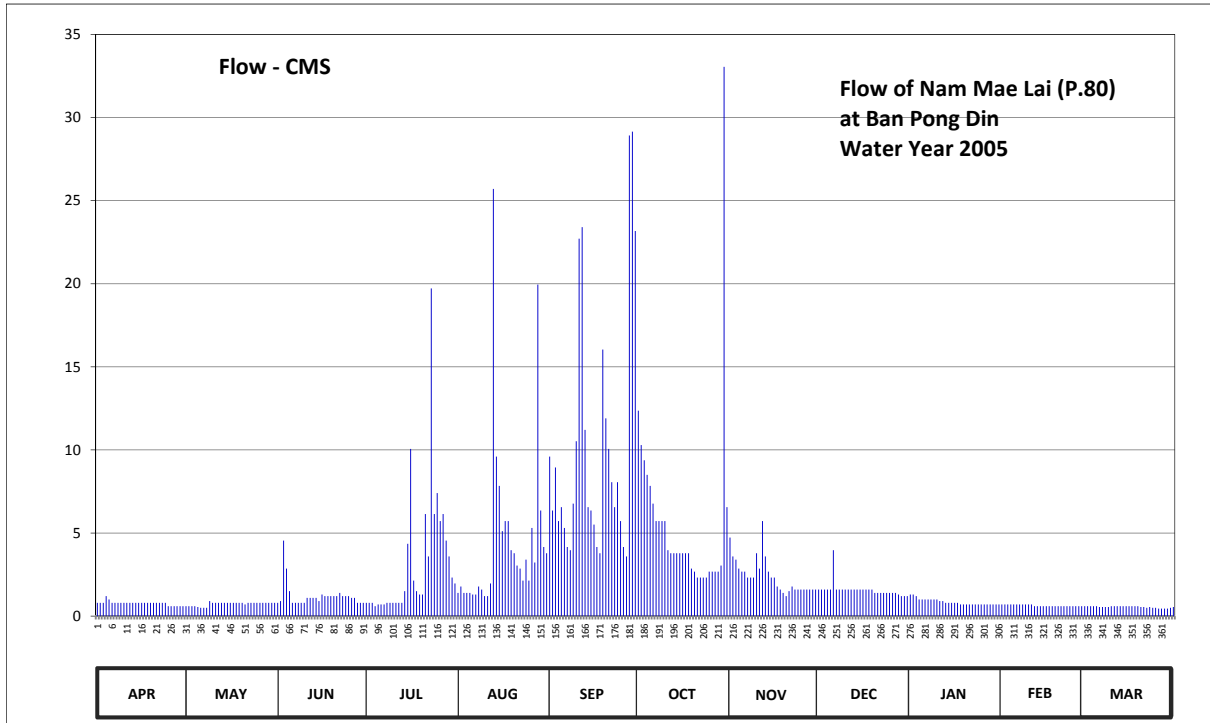
Lat 18 - 54 - 49 N Long 99 - 14 - 17 E

Location : on left bank at the bridge on road.

	Ban Pong Din	Amphoe Doi Saket	Changwat Chiang Mai
Drainage Area	129 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+455.096 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the approach of the bridge.	Elevation	+462.021 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	455.60	455.58	455.60	455.60	455.66	456.08	456.20	455.85	455.68	455.65	455.59	455.58	
2	455.60	455.58	455.61	455.60	455.69	455.93	456.11	455.79	455.68	455.65	455.59	455.58	
3	455.60	455.58	455.84	455.60	455.66	456.05	456.07	455.78	455.68	455.64	455.59	455.58	
4	455.64	455.58	455.75	455.58	455.66	455.90	456.03	455.75	455.68	455.62	455.59	455.58	
5	455.62	455.57	455.67	455.59	455.66	455.94	456.00	455.74	455.68	455.62	455.59	455.58	
6	455.60	455.56	455.60	455.59	455.65	455.88	455.95	455.74	455.81	455.62	455.59	455.57	
7	455.60	455.56	455.60	455.59	455.65	455.82	455.90	455.72	455.68	455.62	455.59	455.57	
8	455.60	455.56	455.60	455.60	455.69	455.81	455.90	455.72	455.68	455.62	455.59	455.57	
9	455.60	455.61	455.60	455.60	455.68	455.95	455.90	455.72	455.68	455.62	455.59	455.57	
10	455.60	455.60	455.60	455.60	455.64	456.12	455.90	455.80	455.68	455.62	455.59	455.58	
11	455.60	455.60	455.63	455.60	455.64	456.65	455.81	455.75	455.68	455.61	455.59	455.58	
12	455.60	455.60	455.63	455.60	455.70	456.68	455.80	455.90	455.68	455.61	455.58	455.58	
13	455.60	455.60	455.63	455.60	456.78	456.15	455.80	455.79	455.68	455.60	455.58	455.58	
14	455.60	455.60	455.63	455.67	456.08	455.94	455.80	455.74	455.68	455.60	455.58	455.58	
15	455.60	455.60	455.61	455.83	456.00	455.93	455.80	455.72	455.68	455.60	455.58	455.58	
16	455.60	455.60	455.65	456.10	455.87	455.89	455.80	455.72	455.68	455.60	455.58	455.58	
17	455.60	455.60	455.64	455.71	455.90	455.82	455.80	455.69	455.68	455.60	455.58	455.58	
18	455.60	455.60	455.64	455.67	455.90	455.80	455.80	455.68	455.68	455.59	455.58	455.58	
19	455.60	455.60	455.64	455.65	455.81	456.36	455.75	455.66	455.68	455.59	455.58	455.58	
20	455.60	455.60	455.64	455.65	455.80	456.18	455.74	455.64	455.66	455.59	455.58	455.57	
21	455.60	455.59	455.64	455.92	455.76	456.10	455.72	455.67	455.66	455.59	455.58	455.57	
22	455.60	455.60	455.66	455.79	455.75	456.01	455.72	455.69	455.66	455.59	455.58	455.56	
23	455.60	455.60	455.64	456.52	455.71	455.94	455.72	455.68	455.66	455.59	455.58	455.57	
24	455.60	455.60	455.64	455.92	455.78	456.01	455.72	455.68	455.66	455.59	455.58	455.56	
25	455.58	455.60	455.64	455.98	455.71	455.90	455.74	455.68	455.66	455.59	455.58	455.56	
26	455.58	455.60	455.63	455.90	455.88	455.82	455.74	455.68	455.66	455.59	455.58	455.55	
27	455.58	455.60	455.63	455.92	455.77	455.79	455.74	455.68	455.66	455.59	455.58	455.55	
28	455.58	455.60	455.60	455.84	456.53	456.92	455.74	455.68	455.65	455.59	455.58	455.55	
29	455.58	455.60	455.60	455.79	455.93	456.93	455.76	455.68	455.64	455.59		455.55	
30	455.58	455.60	455.60	455.72	455.82	456.67	457.09	455.68	455.64	455.59		455.56	
31		455.60		455.70	455.80		455.94		455.64	455.59		455.57	
Mean	455.60	455.59	455.64	455.74	455.82	456.10	455.89	455.72	455.67	455.61	455.58	455.57	
Max	455.64	455.61	455.84	456.52	456.78	456.93	457.09	455.90	455.81	455.65	455.59	455.58	457.09
Min	455.58	455.56	455.60	455.58	455.64	455.79	455.72	455.64	455.64	455.59	455.58	455.55	455.55
Annual Max Momentary Gage Height	457.90		m. (MSL.) ,			at 04.00 Hours ,	on Sep 11 ,	2005					
Zero Gage at Bottom Elevation	455.10		m. (MSL.) ,			River Bed	455.33	m. (MSL.)					
Left Bank Elevation	461.90		m. (MSL.) ,										
Right Bank Elevation	461.90		m. (MSL.) ,			Drainage Are	129	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	0.60	0.80	0.80	1.40	9.60	12.36	4.73	1.60	1.30	0.70	0.60	
2	0.80	0.60	0.90	0.80	1.78	6.35	10.29	3.59	1.60	1.30	0.70	0.60	
3	0.80	0.60	4.54	0.80	1.40	8.94	9.38	3.40	1.60	1.20	0.70	0.60	
4	1.20	0.60	2.86	0.60	1.40	5.72	8.50	2.86	1.60	1.00	0.70	0.60	
5	1.00	0.55	1.50	0.70	1.40	6.56	7.84	2.68	1.60	1.00	0.70	0.60	
6	0.80	0.50	0.80	0.70	1.30	5.30	6.77	2.68	3.97	1.00	0.70	0.55	
7	0.80	0.50	0.80	0.70	1.30	4.16	5.72	2.32	1.60	1.00	0.70	0.55	
8	0.80	0.50	0.80	0.80	1.78	3.97	5.72	2.32	1.60	1.00	0.70	0.55	
9	0.80	0.90	0.80	0.80	1.60	6.77	5.72	2.32	1.60	1.00	0.70	0.55	
10	0.80	0.80	0.80	0.80	1.20	10.52	5.72	3.78	1.60	1.00	0.70	0.60	
11	0.80	0.80	1.10	0.80	1.20	22.71	3.97	2.86	1.60	0.90	0.70	0.60	
12	0.80	0.80	1.10	0.80	1.96	23.40	3.78	5.72	1.60	0.90	0.60	0.60	
13	0.80	0.80	1.10	0.80	25.70	11.21	3.78	3.59	1.60	0.80	0.60	0.60	
14	0.80	0.80	1.10	1.50	9.60	6.56	3.78	2.68	1.60	0.80	0.60	0.60	
15	0.80	0.80	0.90	4.35	7.84	6.35	3.78	2.32	1.60	0.80	0.60	0.60	
16	0.80	0.80	1.30	10.06	5.11	5.51	3.78	2.32	1.60	0.80	0.60	0.60	
17	0.80	0.80	1.20	2.14	5.72	4.16	3.78	1.78	1.60	0.80	0.60	0.60	
18	0.80	0.80	1.20	1.50	5.72	3.78	3.78	1.60	1.60	0.70	0.60	0.60	
19	0.80	0.80	1.20	1.30	3.97	16.04	2.86	1.40	1.60	0.70	0.60	0.60	
20	0.80	0.80	1.20	1.30	3.78	11.90	2.68	1.20	1.40	0.70	0.60	0.55	
21	0.80	0.70	1.20	6.14	3.04	10.06	2.32	1.50	1.40	0.70	0.60	0.55	
22	0.80	0.80	1.40	3.59	2.86	8.06	2.32	1.78	1.40	0.70	0.60	0.50	
23	0.80	0.80	1.20	19.72	2.14	6.56	2.32	1.60	1.40	0.70	0.60	0.55	
24	0.80	0.80	1.20	6.14	3.40	8.06	2.32	1.60	1.40	0.70	0.60	0.50	
25	0.60	0.80	1.20	7.40	2.14	5.72	2.68	1.60	1.40	0.70	0.60	0.50	
26	0.60	0.80	1.10	5.72	5.30	4.16	2.68	1.60	1.40	0.70	0.60	0.45	
27	0.60	0.80	1.10	6.14	3.22	3.59	2.68	1.60	1.40	0.70	0.60	0.45	
28	0.60	0.80	0.80	4.54	19.95	28.92	2.68	1.60	1.30	0.70	0.60	0.45	
29	0.60	0.80	0.80	3.59	6.35	29.15	3.04	1.60	1.20	0.70	0.60	0.45	
30	0.60	0.80	0.80	2.32	4.16	23.17	33.05	1.60	1.20	0.70	0.60	0.50	
31		0.80		1.96	3.78		6.56		1.20	0.70		0.55	
Total	23.40	22.85	36.80	99.31	141.50	306.96	176.64	72.23	48.87	26.40	17.90	17.20	990.06 CMSDAY
Mean	0.78	0.74	1.23	3.20	4.56	10.23	5.70	2.41	1.58	0.85	0.64	0.55	2.71 CMS
Max	1.20	0.90	4.54	19.72	25.70	29.15	33.05	5.72	3.97	1.30	0.70	0.60	33.05 CMS
Min	0.60	0.50	0.80	0.60	1.20	3.59	2.32	1.20	1.20	0.70	0.60	0.45	0.45 CMS
Runoff	2.02	1.97	3.18	8.58	12.23	26.52	15.26	6.24	4.22	2.28	1.55	1.49	85.54 MCM
Momentary Peak	53.54 CMS. at 457.90 m. (MSL.) at 04.00 Hours , on Sep 11, 2005												
Runoff Yield	21.03 Liters/Second/Square KM.			Momentary Peak Yield				415.039 Liters/Second/Square KM.					

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Wang at Ban Sop Win , Chiang Mai (P.82)

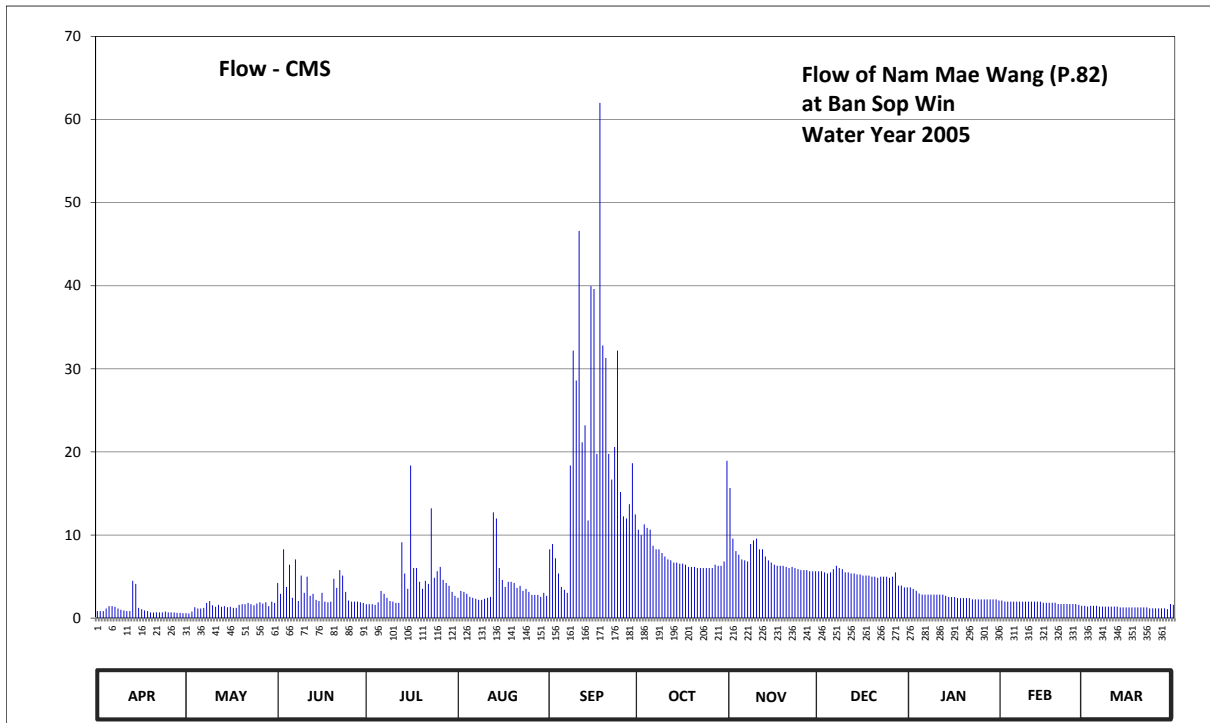
Lat 18 - 39 - 06 N Long 98 - 41 - 23 E

Location : on left bank at Ban Sop Win.

	Ban Sop Win	Amphoe Mae Wang	Changwat Chiang Mai
Drainage Area	389 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+396.830 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 5.00 meters from the top staff gage.	Elevation	+406.756 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 158 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	397.42	397.37	397.77	397.53	397.62	398.05	398.16	398.37	397.88	397.83	397.73	397.68	
2	397.42	397.36	397.66	397.53	397.69	398.08	398.13	398.11	397.88	397.82	397.72	397.67	
3	397.42	397.41	398.05	397.53	397.68	398.00	398.19	398.04	397.87	397.81	397.72	397.68	
4	397.46	397.48	397.73	397.52	397.66	397.86	398.17	398.02	397.86	397.79	397.72	397.68	
5	397.50	397.46	397.94	397.56	397.63	397.73	398.16	397.99	397.87	397.78	397.72	397.68	
6	397.50	397.46	397.62	397.69	397.62	397.70	398.07	397.98	397.90	397.78	397.72	397.67	
7	397.49	397.47	397.99	397.66	397.61	397.67	398.05	397.97	397.93	397.78	397.72	397.67	
8	397.46	397.55	397.58	397.62	397.60	398.47	398.05	398.08	397.91	397.78	397.72	397.67	
9	397.44	397.58	397.84	397.58	397.60	398.94	398.03	398.10	397.90	397.78	397.72	397.67	
10	397.43	397.51	397.67	397.57	397.61	398.82	398.01	398.11	397.87	397.78	397.72	397.67	
11	397.42	397.49	397.83	397.55	397.62	399.36	397.99	398.05	397.87	397.78	397.72	397.67	
12	397.42	397.52	397.64	397.55	397.63	398.57	397.98	398.05	397.86	397.78	397.72	397.67	
13	397.79	397.49	397.66	398.09	398.25	398.64	397.96	398.01	397.86	397.77	397.72	397.66	
14	397.76	397.50	397.60	397.86	398.22	398.21	397.96	397.98	397.85	397.76	397.72	397.66	
15	397.47	397.48	397.58	397.71	397.91	399.17	397.95	397.96	397.85	397.76	397.71	397.66	
16	397.45	397.49	397.67	398.47	397.80	399.16	397.95	397.94	397.84	397.76	397.71	397.66	
17	397.43	397.47	397.57	397.91	397.73	398.52	397.94	397.93	397.84	397.75	397.71	397.66	
18	397.42	397.47	397.56	397.91	397.78	399.72	397.92	397.93	397.84	397.75	397.71	397.66	
19	397.40	397.52	397.57	397.78	397.78	398.96	397.92	397.93	397.83	397.75	397.71	397.66	
20	397.39	397.53	397.81	397.71	397.77	398.91	397.92	397.92	397.83	397.75	397.70	397.66	
21	397.40	397.53	397.72	397.79	397.72	398.52	397.91	397.91	397.82	397.75	397.70	397.66	
22	397.40	397.55	397.89	397.76	397.74	398.41	397.91	397.92	397.83	397.74	397.70	397.66	
23	397.40	397.53	397.84	398.27	397.69	398.55	397.91	397.91	397.83	397.74	397.70	397.65	
24	397.41	397.51	397.68	397.82	397.71	398.94	397.91	397.90	397.83	397.74	397.70	397.65	
25	397.40	397.54	397.59	397.88	397.68	398.35	397.91	397.89	397.82	397.74	397.70	397.65	
26	397.40	397.56	397.57	397.92	397.65	398.23	397.91	397.89	397.83	397.74	397.70	397.65	
27	397.39	397.54	397.57	397.80	397.65	398.22	397.94	397.89	397.87	397.74	397.69	397.65	
28	397.38	397.56	397.57	397.77	397.65	398.29	397.93	397.88	397.84	397.74	397.68	397.65	
29	397.38	397.50	397.56	397.74	397.63	398.48	397.93	397.88	397.84	397.74		397.64	
30	397.37	397.57	397.55	397.68	397.67	398.24	397.97	397.88	397.83	397.74		397.70	
31		397.55		397.64	397.64		398.49		397.83	397.73		397.69	
Mean	397.45	397.50	397.70	397.75	397.72	398.49	398.01	397.98	397.86	397.76	397.71	397.66	
Max	397.79	397.58	398.05	398.47	398.25	399.72	398.49	398.37	397.93	397.83	397.73	397.70	399.72
Min	397.37	397.36	397.55	397.52	397.60	397.67	397.91	397.88	397.82	397.73	397.68	397.64	397.36
Annual Max Momentary Gage Height	400.92		m. (MSL.) ,				at 04.00 Hours , on Sep 18 , 2005						
Zero Gage at Bottom Elevation	396.83		m. (MSL.) ,			River Bed	396.83	m. (MSL.)					
Left Bank Elevation	402.62		m. (MSL.) ,										
Right Bank Elevation	402.06		m. (MSL.) ,			Drainage Are	389	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.85	0.59	4.24	1.67	2.44	8.27	10.64	15.66	5.64	3.70	2.12	1.49		
2	0.85	0.56	2.92	1.67	3.28	8.92	9.99	9.56	5.64	3.50	1.98	1.39		
3	0.85	0.78	8.27	1.67	3.16	7.20	11.28	8.06	5.51	3.30	1.98	1.49		
4	1.15	1.30	3.76	1.60	2.92	5.38	10.86	7.63	5.38	2.96	1.98	1.49		
5	1.45	1.15	6.42	1.90	2.56	3.76	10.64	7.07	5.51	2.82	1.98	1.49		
6	1.45	1.15	2.44	3.28	2.44	3.40	8.71	6.94	5.90	2.82	1.98	1.39		
7	1.37	1.23	7.07	2.92	2.32	3.04	8.27	6.81	6.29	2.82	1.98	1.39		
8	1.15	1.82	2.05	2.44	2.20	18.36	8.27	8.92	6.03	2.82	1.98	1.39		
9	1.00	2.05	5.12	2.05	2.20	32.20	7.84	9.35	5.90	2.82	1.98	1.39		
10	0.92	1.53	3.04	1.98	2.32	28.60	7.42	9.56	5.51	2.82	1.98	1.39		
11	0.85	1.37	4.99	1.82	2.44	46.60	7.07	8.27	5.51	2.82	1.98	1.39		
12	0.85	1.60	2.68	1.82	2.56	21.16	6.94	8.27	5.38	2.82	1.98	1.39		
13	4.48	1.37	2.92	9.13	12.72	23.20	6.68	7.42	5.38	2.68	1.98	1.28		
14	4.12	1.45	2.20	5.38	11.99	11.74	6.68	6.94	5.25	2.54	1.98	1.28		
15	1.23	1.30	2.05	3.52	6.03	39.95	6.55	6.68	5.25	2.54	1.84	1.28		
16	1.08	1.37	3.04	18.36	4.60	39.60	6.55	6.42	5.12	2.54	1.84	1.28		
17	0.92	1.23	1.98	6.03	3.76	19.76	6.42	6.29	5.12	2.40	1.84	1.28		
18	0.85	1.23	1.90	6.03	4.36	62.00	6.16	6.29	5.12	2.40	1.84	1.28		
19	0.70	1.60	1.98	4.36	4.36	32.80	6.16	6.29	4.99	2.40	1.84	1.28		
20	0.67	1.67	4.73	3.52	4.24	31.30	6.16	6.16	4.99	2.40	1.70	1.28		
21	0.70	1.67	3.64	4.48	3.64	19.76	6.03	6.03	4.86	2.40	1.70	1.28		
22	0.70	1.82	5.77	4.12	3.88	16.68	6.03	6.16	4.99	2.26	1.70	1.28		
23	0.70	1.67	5.12	13.21	3.28	20.60	6.03	6.03	4.99	2.26	1.70	1.17		
24	0.78	1.53	3.16	4.86	3.52	32.20	6.03	5.90	4.99	2.26	1.70	1.17		
25	0.70	1.75	2.12	5.64	3.16	15.18	6.03	5.77	4.86	2.26	1.70	1.17		
26	0.70	1.90	1.98	6.16	2.80	12.24	6.03	5.77	4.99	2.26	1.70	1.17		
27	0.67	1.75	1.98	4.60	2.80	11.99	6.42	5.77	5.51	2.26	1.59	1.17		
28	0.63	1.90	1.98	4.24	2.80	13.71	6.29	5.64	3.90	2.26	1.49	1.17		
29	0.63	1.45	1.90	3.88	2.56	18.64	6.29	5.64	3.90	2.26		1.07		
30	0.59	1.98	1.82	3.16	3.04	12.48	6.81	5.64	3.70	2.26		1.70		
31		1.82		2.68	2.68		18.92		3.70	2.12		1.59		
Total	33.59	45.59	103.27	138.18	117.06	620.72	240.20	216.94	159.81	80.78	52.04	41.26	1849.44	CMSDAY
Mean	1.12	1.47	3.44	4.46	3.78	20.69	7.75	7.23	5.16	2.61	1.86	1.33	5.07	CMS
Max	4.48	2.05	8.27	18.36	12.72	62.00	18.92	15.66	6.29	3.70	2.12	1.70	62.00	CMS
Min	0.59	0.56	1.82	1.60	2.20	3.04	6.03	5.64	3.70	2.12	1.49	1.07	0.56	CMS
Runoff	2.90	3.94	8.92	11.94	10.11	53.63	20.75	18.74	13.81	6.98	4.50	3.57	159.79	MCM
Momentary Peak	126.00 CMS. at 400.92 m. (MSL.) at 04.00 Hours , on Sep 18 , 2005													
Runoff Yield	13.03 Liters/Second/Square KM.			Momentary Peak Yield			323.907 Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Wang at Ban Phan Ton , Chiang Mai (P.84)

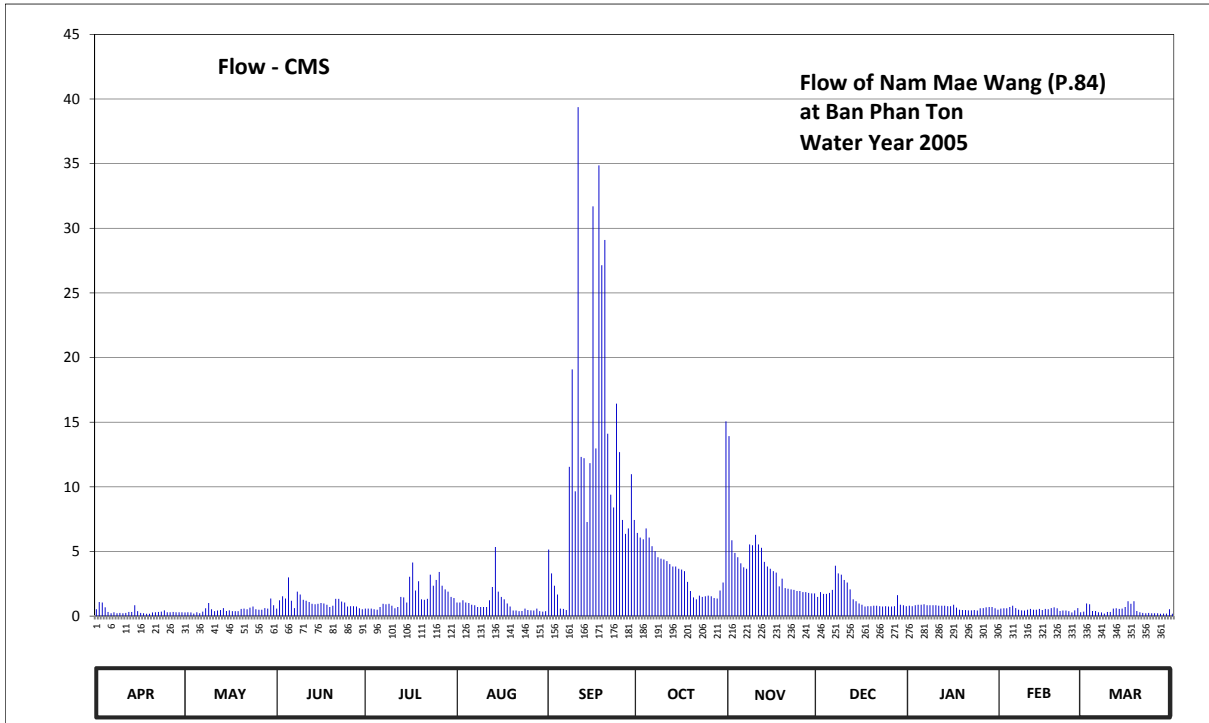
Lat 18 - 35 - 19 N Long 98 - 47 - 58 E

Location : on left bank at Ban Phan Ton.

	Ban	Phan Ton	Amphoe	Mae Wang	Changwat	Chiang Mai
Drainage Area	491	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+303.244 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+309.244 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	2003 to date					
Rating Operation						
Period of Rating	2003 to date					
Rated by Flot	-					
Rated by Current Meter	2003 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good.Stage-discharge relation defined by 49 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	303.73	303.63	303.75	303.75	303.90	304.70	304.89	305.76	304.02	303.83	303.75	303.66	
2	303.91	303.64	303.95	303.75	303.90	304.40	304.84	304.81	304.10	303.82	303.76	303.88	
3	303.90	303.63	304.03	303.75	303.95	304.21	304.82	304.66	304.07	303.84	303.76	303.86	
4	303.79	303.60	303.99	303.73	303.90	304.06	304.94	304.61	304.07	303.85	303.80	303.68	
5	303.65	303.64	304.34	303.72	303.89	303.75	304.84	304.53	304.09	303.85	303.83	303.68	
6	303.61	303.61	303.94	303.80	303.85	303.74	304.74	304.48	304.14	303.86	303.77	303.64	
7	303.64	303.66	303.77	303.87	303.84	303.71	304.68	304.46	304.50	303.84	303.72	303.63	
8	303.61	303.76	304.11	303.86	303.80	305.51	304.61	304.76	304.40	303.84	303.70	303.60	
9	303.62	303.89	304.06	303.87	303.80	306.12	304.59	304.75	304.38	303.84	303.69	303.65	
10	303.61	303.73	303.96	303.83	303.80	305.30	304.58	304.87	304.30	303.84	303.72	303.65	
11	303.62	303.67	303.94	303.76	303.80	306.77	304.56	304.76	304.26	303.83	303.74	303.75	
12	303.65	303.69	303.91	303.80	303.95	305.59	304.52	304.72	304.15	303.83	303.72	303.76	
13	303.65	303.71	303.87	304.02	304.19	305.58	304.49	304.55	303.97	303.83	303.72	303.74	
14	303.84	303.77	303.86	304.01	304.73	305.01	304.49	304.49	303.93	303.82	303.74	303.75	
15	303.67	303.68	303.87	303.90	304.11	305.54	304.46	304.46	303.88	303.82	303.71	303.80	
16	303.62	303.70	303.89	304.35	304.02	306.56	304.45	304.43	303.85	303.85	303.74	303.93	
17	303.61	303.67	303.88	304.54	303.97	305.66	304.43	304.41	303.81	303.78	303.73	303.87	
18	303.59	303.67	303.85	304.13	303.88	306.65	304.27	304.20	303.82	303.72	303.77	303.93	
19	303.59	303.67	303.80	304.28	303.81	306.42	304.12	304.32	303.82	303.71	303.79	303.68	
20	303.63	303.74	303.83	303.97	303.69	306.48	304.01	304.17	303.83	303.71	303.76	303.64	
21	303.64	303.75	303.98	303.96	303.69	305.78	303.97	304.16	303.83	303.70	303.68	303.62	
22	303.65	303.73	303.98	303.98	303.67	305.27	304.04	304.15	303.82	303.70	303.69	303.61	
23	303.66	303.78	303.92	304.38	303.68	305.15	304.02	304.14	303.81	303.71	303.69	303.62	
24	303.70	303.81	303.90	304.21	303.75	306.01	304.03	304.12	303.82	303.69	303.67	303.61	
25	303.64	303.73	303.81	304.30	303.71	305.63	304.04	304.12	303.81	303.76	303.63	303.61	
26	303.64	303.72	303.82	304.42	303.70	305.03	304.03	304.10	303.81	303.77	303.70	303.61	
27	303.65	303.72	303.82	304.21	303.69	304.88	304.00	304.10	303.82	303.79	303.77	303.59	
28	303.64	303.77	303.81	304.15	303.75	304.94	303.99	304.09	304.05	303.80	303.64	303.60	
29	303.64	303.75	303.76	304.11	303.67	305.45	304.13	304.08	303.85	303.80		303.60	
30	303.64	303.99	303.73	304.02	303.66	305.03	304.26	304.08	303.84	303.76		303.73	
31		303.84		304.00	303.67		305.88		303.82	303.72		303.59	
Mean	303.67	303.72	303.90	304.01	303.85	305.30	304.44	304.44	303.99	303.79	303.73	303.70	
Max	303.91	303.99	304.34	304.54	304.73	306.77	305.88	305.76	304.50	303.86	303.83	303.93	306.77
Min	303.59	303.60	303.73	303.72	303.66	303.71	303.97	304.08	303.81	303.69	303.63	303.59	303.59
Annual Max Momentary Gage Height	307.44		m. (MSL.) ,				at 10.00 Hours ,						on Sep 18 , 2005
Zero Gage at Bottom Elevation	303.24		m. (MSL.) ,			River Bed	302.18		m. (MSL.)				
Left Bank Elevation		308.01		m. (MSL.) ,									
Right Bank Elevation		308.00		m. (MSL.) ,		Drainage Are	491		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.53	0.28	0.58	0.58	1.05	5.15	6.43	13.92	1.49	0.80	0.58	0.35	
2	1.09	0.30	1.23	0.58	1.05	3.30	6.08	5.87	1.85	0.77	0.60	0.98	
3	1.05	0.28	1.53	0.58	1.23	2.35	5.94	4.89	1.72	0.84	0.60	0.91	
4	0.68	0.20	1.36	0.53	1.05	1.67	6.78	4.56	1.72	0.88	0.70	0.40	
5	0.32	0.30	3.00	0.50	1.02	0.58	6.08	4.08	1.80	0.88	0.80	0.40	
6	0.22	0.22	1.19	0.70	0.88	0.55	5.41	3.78	2.03	0.91	0.62	0.30	
7	0.30	0.35	0.62	0.95	0.84	0.47	5.02	3.66	3.90	0.84	0.50	0.28	
8	0.22	0.60	1.89	0.91	0.70	11.55	4.56	5.54	3.30	0.84	0.45	0.20	
9	0.25	1.02	1.67	0.95	0.70	19.08	4.44	5.48	3.20	0.84	0.43	0.32	
10	0.22	0.53	1.26	0.80	0.70	9.65	4.38	6.29	2.80	0.84	0.50	0.32	
11	0.25	0.38	1.19	0.60	0.70	39.37	4.26	5.54	2.60	0.80	0.55	0.58	
12	0.32	0.43	1.09	0.70	1.23	12.31	4.02	5.28	2.07	0.80	0.50	0.60	
13	0.32	0.47	0.95	1.49	2.25	12.21	3.84	4.20	1.30	0.80	0.50	0.55	
14	0.84	0.62	0.91	1.45	5.35	7.28	3.84	3.84	1.15	0.77	0.55	0.58	
15	0.38	0.40	0.95	1.05	1.89	11.83	3.66	3.66	0.98	0.77	0.47	0.70	
16	0.25	0.45	1.02	3.05	1.49	31.70	3.60	3.48	0.88	0.88	0.55	1.15	
17	0.22	0.38	0.98	4.14	1.30	12.97	3.48	3.36	0.74	0.65	0.53	0.95	
18	0.19	0.38	0.88	1.98	0.98	34.87	2.65	2.30	0.77	0.50	0.62	1.15	
19	0.19	0.38	0.70	2.70	0.74	27.15	1.94	2.90	0.77	0.47	0.68	0.40	
20	0.28	0.55	0.80	1.30	0.43	29.10	1.45	2.17	0.80	0.47	0.60	0.30	
21	0.30	0.58	1.33	1.26	0.43	14.11	1.30	2.12	0.80	0.45	0.40	0.25	
22	0.32	0.53	1.33	1.33	0.38	9.39	1.58	2.07	0.77	0.45	0.43	0.22	
23	0.35	0.65	1.12	3.20	0.40	8.40	1.49	2.03	0.74	0.47	0.43	0.25	
24	0.45	0.74	1.05	2.35	0.58	16.44	1.53	1.94	0.77	0.43	0.38	0.22	
25	0.30	0.53	0.74	2.80	0.47	12.69	1.58	1.94	0.74	0.60	0.28	0.22	
26	0.30	0.50	0.77	3.42	0.45	7.44	1.53	1.85	0.74	0.62	0.45	0.22	
27	0.32	0.50	0.77	2.35	0.43	6.36	1.40	1.85	0.77	0.68	0.62	0.19	
28	0.30	0.62	0.74	2.07	0.58	6.78	1.36	1.80	1.62	0.70	0.30	0.20	
29	0.30	0.58	0.60	1.89	0.38	10.98	1.98	1.76	0.88	0.70		0.20	
30	0.30	1.36	0.53	1.49	0.35	7.44	2.60	1.76	0.84	0.60		0.53	
31		0.84		1.40	0.38		15.06		0.77	0.50		0.19	
Total	11.36	15.95	32.78	49.10	30.41	373.17	119.27	113.92	45.31	21.55	14.62	14.11	841.55 CMSDAY
Mean	0.38	0.51	1.09	1.58	0.98	12.44	3.85	3.80	1.46	0.70	0.52	0.46	2.31 CMS
Max	1.09	1.36	3.00	4.14	5.35	39.37	15.06	13.92	3.90	0.91	0.80	1.15	39.37 CMS
Min	0.19	0.20	0.53	0.50	0.35	0.47	1.30	1.76	0.74	0.43	0.28	0.19	0.19 CMS
Runoff	0.98	1.38	2.83	4.24	2.63	32.24	10.31	9.84	3.92	1.86	1.26	1.22	72.71 MCM
Momentary Peak	74.00	CMS. at 307.44 m. (MSL.) at 10.00 Hours , on Sep 18 , 2005											
Runoff Yield	4.70	Liters/Second/Square KM. Momentary Peak Yield 150.713 Liters/Second/Square KM.											

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Li at Ban Lai Khaeo , Lamphun (P.85)

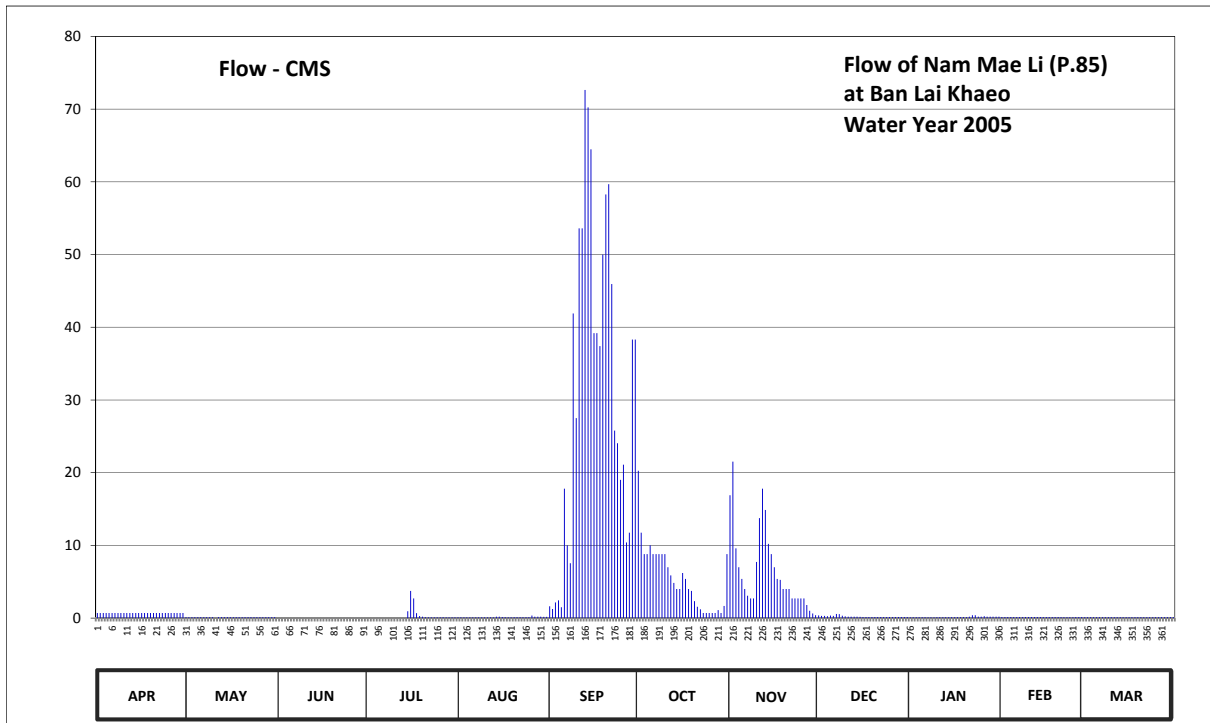
Lat 18 - 21 - 49 N Long 98 - 46 - 31 E

Location : on right bank at Ban Lai Khaeo.

	Ban Lai Khaeo	Amphoe Ban Hong	Changwat Lamphun
Drainage Area	2,037 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+294.600 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation +295.600 m. (MSL.)	
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good.Stage-discharge relation defined by 11 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	294.90	294.57	294.30	294.30	294.50	295.07	296.03	295.93	294.79	294.53	294.61	294.57	
2	294.90	294.57	294.30	294.30	294.50	295.01	295.74	296.06	294.75	294.54	294.61	294.57	
3	294.90	294.57	294.30	294.30	294.50	295.14	295.60	295.64	294.75	294.55	294.61	294.57	
4	294.90	294.57	294.30	294.30	294.50	295.17	295.60	295.50	294.73	294.55	294.61	294.57	
5	294.90	294.57	294.30	294.30	294.50	295.05	295.66	295.40	294.78	294.55	294.61	294.57	
6	294.90	294.57	294.30	294.30	294.50	295.96	295.60	295.30	294.75	294.55	294.61	294.57	
7	294.90	294.57	294.30	294.30	294.50	295.66	295.60	295.23	294.86	294.52	294.61	294.57	
8	294.90	294.57	294.30	294.30	294.50	295.53	295.60	295.20	294.85	294.52	294.61	294.57	
9	294.90	294.57	294.30	294.30	294.50	296.52	295.60	295.20	294.76	294.52	294.60	294.57	
10	294.90	294.57	294.30	294.30	294.50	296.20	295.60	295.54	294.72	294.55	294.60	294.57	
11	294.90	294.30	294.30	294.30	294.50	296.78	295.50	295.82	294.70	294.55	294.60	294.57	
12	294.90	294.57	294.30	294.30	294.50	296.78	295.43	295.96	294.70	294.55	294.60	294.57	
13	294.90	294.57	294.30	294.30	294.50	297.18	295.36	295.86	294.70	294.55	294.60	294.57	
14	294.90	294.57	294.30	294.30	294.67	297.13	295.30	295.67	294.70	294.54	294.60	294.57	
15	294.90	294.57	294.30	294.95	294.69	297.01	295.30	295.60	294.66	294.54	294.60	294.57	
16	294.90	294.57	294.30	295.28	294.60	296.46	295.45	295.50	294.63	294.54	294.60	294.57	
17	294.90	294.57	294.30	295.20	294.55	296.46	295.40	295.40	294.60	294.55	294.60	294.57	
18	294.90	294.57	294.30	294.89	294.53	296.42	295.30	295.39	294.60	294.57	294.60	294.57	
19	294.90	294.57	294.30	294.74	294.53	296.70	295.28	295.30	294.60	294.60	294.60	294.57	
20	294.90	294.57	294.30	294.69	294.54	296.88	295.16	295.30	294.60	294.58	294.60	294.57	
21	294.90	294.57	294.30	294.56	294.55	296.91	295.06	295.30	294.60	294.70	294.58	294.57	
22	294.90	294.57	294.30	294.50	294.55	296.61	295.00	295.20	294.60	294.80	294.58	294.57	
23	294.90	294.57	294.30	294.50	294.55	296.16	294.90	295.20	294.60	294.80	294.58	294.57	
24	294.90	294.57	294.30	294.50	294.55	296.12	294.90	295.20	294.60	294.70	294.58	294.57	
25	294.90	294.57	294.30	294.50	294.55	296.00	294.90	295.20	294.60	294.70	294.57	294.57	
26	294.90	294.57	294.30	294.50	294.77	296.05	294.90	295.20	294.60	294.73	294.60	294.57	
27	294.90	294.57	294.30	294.54	294.70	295.68	294.90	295.10	294.60	294.70	294.60	294.57	
28	294.90	294.57	294.30	294.50	294.70	295.74	294.98	294.96	294.60	294.70	294.60	294.57	
29	294.90	294.57	294.30	294.50	294.70	296.44	294.90	294.88	294.60	294.70	294.60	294.57	
30	294.90	294.57	294.30	294.50	294.65	296.44	295.08	294.80	294.60	294.70	294.60	294.57	
31		294.57		294.50	294.65		295.60		294.60	294.70		294.57	
Mean	294.90	294.56	294.30	294.50	294.57	296.18	295.33	295.39	294.67	294.61	294.60	294.57	
Max	294.90	294.57	294.30	295.28	294.77	297.18	296.03	296.06	294.86	294.80	294.61	294.57	297.18
Min	294.90	294.30	294.30	294.30	294.50	295.01	294.90	294.80	294.60	294.52	294.57	294.57	294.30
Annual Max Momentary Gage Height	297.30		m. (MSL.) ,			at 06.00 Hours ,	on Sep 13 , 2005						
Zero Gage at Bottom Elevation	294.60		m. (MSL.) ,			River Bed	294.53	m. (MSL.)					
Left Bank Elevation	299.60		m. (MSL.) ,										
Right Bank Elevation	299.60		m. (MSL.) ,			Drainage Are	2,037	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	0.14	0.00	0.00	0.10	1.62	20.26	16.90	0.38	0.11	0.15	0.14	
2	0.70	0.14	0.00	0.00	0.10	1.26	11.76	21.52	0.30	0.12	0.15	0.14	
3	0.70	0.14	0.00	0.00	0.10	2.16	8.80	9.60	0.30	0.12	0.15	0.14	
4	0.70	0.14	0.00	0.00	0.10	2.43	8.80	7.00	0.26	0.12	0.15	0.14	
5	0.70	0.14	0.00	0.00	0.10	1.50	10.00	5.40	0.36	0.12	0.15	0.14	
6	0.70	0.14	0.00	0.00	0.10	17.80	8.80	4.00	0.30	0.12	0.15	0.14	
7	0.70	0.14	0.00	0.00	0.10	10.00	8.80	3.09	0.58	0.11	0.15	0.14	
8	0.70	0.14	0.00	0.00	0.10	7.54	8.80	2.70	0.55	0.11	0.15	0.14	
9	0.70	0.14	0.00	0.00	0.10	41.90	8.80	2.70	0.32	0.11	0.15	0.14	
10	0.70	0.14	0.00	0.00	0.10	27.50	8.80	7.72	0.24	0.12	0.15	0.14	
11	0.70	0.00	0.00	0.00	0.10	53.60	7.00	13.76	0.20	0.12	0.15	0.14	
12	0.70	0.14	0.00	0.00	0.10	53.60	5.88	17.80	0.20	0.12	0.15	0.14	
13	0.70	0.14	0.00	0.00	0.10	72.64	4.84	14.88	0.20	0.12	0.15	0.14	
14	0.70	0.14	0.00	0.00	0.19	70.24	4.00	10.20	0.20	0.12	0.15	0.14	
15	0.70	0.14	0.00	0.95	0.19	64.48	4.00	8.80	0.18	0.12	0.15	0.14	
16	0.70	0.14	0.00	3.74	0.15	39.20	6.20	7.00	0.16	0.12	0.15	0.14	
17	0.70	0.14	0.00	2.70	0.12	39.20	5.40	5.40	0.15	0.12	0.15	0.14	
18	0.70	0.14	0.00	0.67	0.11	37.40	4.00	5.26	0.15	0.14	0.15	0.14	
19	0.70	0.14	0.00	0.28	0.11	50.00	3.74	4.00	0.15	0.15	0.15	0.14	
20	0.70	0.14	0.00	0.19	0.12	58.26	2.34	4.00	0.15	0.14	0.15	0.14	
21	0.70	0.14	0.00	0.13	0.12	59.68	1.56	4.00	0.15	0.20	0.14	0.14	
22	0.70	0.14	0.00	0.10	0.12	45.95	1.20	2.70	0.15	0.40	0.14	0.14	
23	0.70	0.14	0.00	0.10	0.12	25.78	0.70	2.70	0.15	0.40	0.14	0.14	
24	0.70	0.14	0.00	0.10	0.12	24.06	0.70	2.70	0.15	0.20	0.14	0.14	
25	0.70	0.14	0.00	0.10	0.12	19.00	0.70	2.70	0.15	0.20	0.14	0.14	
26	0.70	0.14	0.00	0.10	0.34	21.10	0.70	2.70	0.15	0.26	0.15	0.14	
27	0.70	0.14	0.00	0.12	0.20	10.40	0.70	1.80	0.15	0.20	0.15	0.14	
28	0.70	0.14	0.00	0.10	0.20	11.76	1.10	1.00	0.15	0.20	0.15	0.14	
29	0.70	0.14	0.00	0.10	0.20	38.30	0.70	0.64	0.15	0.20	0.14	0.14	
30	0.70	0.14	0.00	0.10	0.17	38.30	1.68	0.40	0.15	0.20	0.14	0.14	
31	0.70	0.14	0.00	0.10	0.17		8.80		0.15	0.20	0.14	0.14	
Total	21.00	4.20	0.00	9.68	4.17	946.66	169.56	193.07	6.98	5.09	4.15	4.34	1368.90 CMSDAY
Mean	0.70	0.14	0.00	0.31	0.13	31.56	5.47	6.44	0.23	0.16	0.15	0.14	3.75 CMS
Max	0.70	0.14	0.00	3.74	0.34	72.64	20.26	21.52	0.58	0.40	0.15	0.14	72.64 CMS
Min	0.70	0.00	0.00	0.00	0.10	1.26	0.70	0.40	0.15	0.11	0.14	0.14	0.00 CMS
Runoff	1.81	0.36	0.00	0.84	0.36	81.79	14.65	16.68	0.60	0.44	0.36	0.38	118.27 MCM
Momentary Peak	78.50	CMS.	at 297.30 m. (MSL.)	at 06.00 Hours	, on Sep 13, 2005								
Runoff Yield	1.84	Liters/Second/Square KM.		Momentary Peak Yield	38.537	Liters/Second/Square KM.							

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae On at Ban Hong , Chiang Mai (P.86)

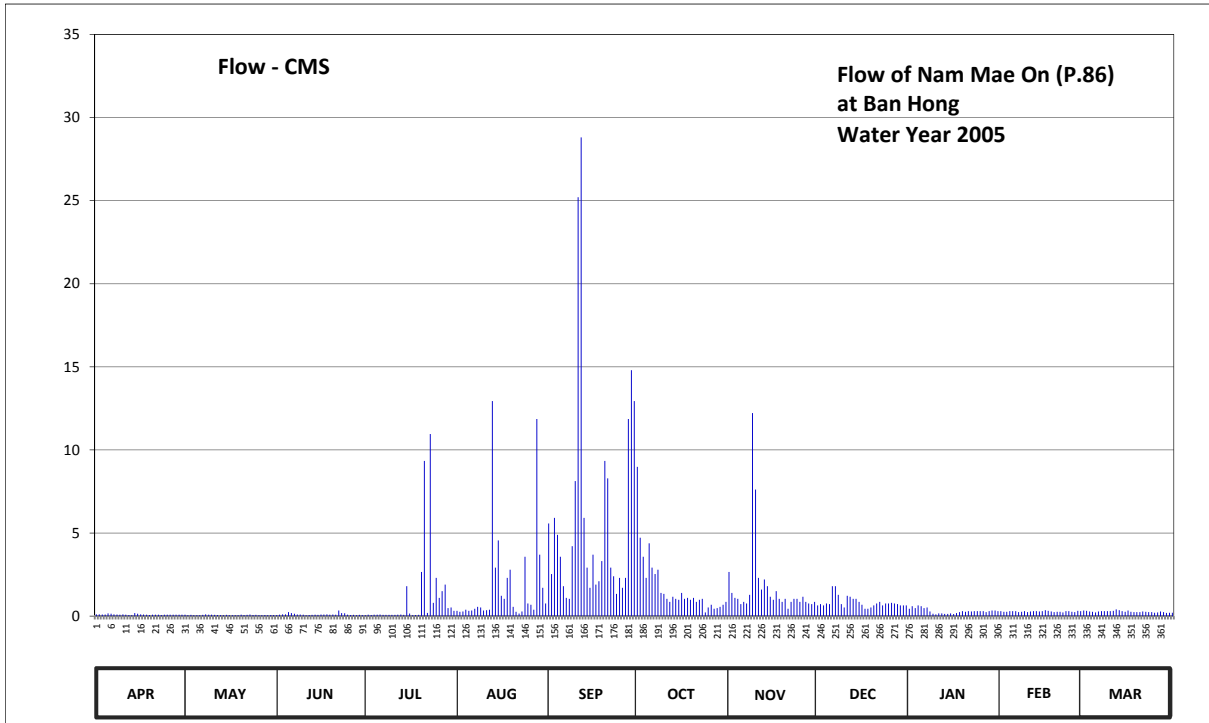
Lat 18 - 44 - 18 N Long 99 - 13 - 18 E

Location : on left bank at Ban Hong.

	Ban Hong	Amphoe San Kamphaeng	Changwat Chiang Mai
Drainage Area	97 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+341.205 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation	+345.535 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 38 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	341.51	341.49	341.47	341.46	341.66	342.21	342.41	342.02	341.76	341.71	341.65	341.67	
2	341.51	341.46	341.49	341.49	341.63	342.01	342.16	341.90	341.78	341.75	341.63	341.66	
3	341.50	341.48	341.51	341.47	341.64	342.23	342.09	341.85	341.76	341.72	341.63	341.64	
4	341.50	341.46	341.51	341.49	341.69	342.17	341.99	341.84	341.79	341.76	341.65	341.63	
5	341.56	341.46	341.62	341.49	341.66	342.09	342.14	341.78	341.78	341.75	341.65	341.61	
6	341.54	341.46	341.58	341.50	341.67	341.94	342.04	341.81	341.94	341.72	341.65	341.64	
7	341.51	341.48	341.54	341.48	341.71	341.85	342.01	341.79	341.94	341.73	341.62	341.65	
8	341.50	341.51	341.50	341.48	341.74	341.84	342.03	341.88	341.88	341.64	341.63	341.65	
9	341.49	341.49	341.50	341.48	341.73	342.13	341.90	342.59	341.78	341.54	341.65	341.65	
10	341.51	341.49	341.49	341.48	341.67	342.36	341.89	342.33	341.73	341.51	341.62	341.65	
11	341.49	341.48	341.46	341.48	341.68	343.25	341.84	341.99	341.87	341.56	341.64	341.66	
12	341.47	341.47	341.47	341.49	341.69	343.43	341.81	341.92	341.86	341.56	341.65	341.70	
13	341.46	341.46	341.48	341.50	342.63	342.23	341.86	341.98	341.84	341.53	341.65	341.68	
14	341.58	341.46	341.49	341.48	342.04	342.04	341.84	341.94	341.84	341.53	341.64	341.65	
15	341.54	341.48	341.48	341.94	342.15	341.93	341.83	341.86	341.81	341.56	341.65	341.63	
16	341.51	341.46	341.50	341.55	341.87	342.10	341.90	341.83	341.77	341.52	341.68	341.67	
17	341.50	341.46	341.50	341.46	341.84	341.95	341.84	341.91	341.71	341.58	341.66	341.63	
18	341.49	341.46	341.51	341.47	341.99	341.97	341.85	341.84	341.71	341.62	341.64	341.62	
19	341.47	341.46	341.49	341.48	342.03	342.07	341.83	341.81	341.73	341.65	341.62	341.62	
20	341.49	341.49	341.50	342.02	341.74	342.43	341.85	341.84	341.76	341.63	341.63	341.62	
21	341.49	341.47	341.49	342.43	341.63	342.37	341.81	341.71	341.79	341.65	341.63	341.64	
22	341.49	341.48	341.67	341.59	341.55	342.04	341.83	341.81	341.81	341.64	341.61	341.63	
23	341.47	341.50	341.58	342.52	341.64	342.00	341.84	341.84	341.76	341.65	341.65	341.62	
24	341.49	341.47	341.57	341.80	342.09	341.89	341.61	341.84	341.79	341.65	341.65	341.62	
25	341.49	341.48	341.49	341.99	341.79	341.99	341.73	341.81	341.79	341.65	341.63	341.60	
26	341.49	341.46	341.47	341.85	341.77	341.93	341.77	341.86	341.80	341.65	341.62	341.61	
27	341.49	341.46	341.48	341.91	341.69	341.99	341.71	341.81	341.79	341.62	341.66	341.64	
28	341.49	341.47	341.46	341.95	342.57	342.57	341.72	341.79	341.78	341.65	341.65	341.62	
29	341.49	341.46	341.48	341.72	342.10	342.73	341.74	341.78	341.76	341.67		341.59	
30	341.49	341.47	341.47	341.73	341.93	342.63	341.77	341.81	341.76	341.67		341.60	
31		341.47		341.66	341.79		341.81		341.76	341.65		341.60	
Mean	341.50	341.47	341.51	341.67	341.84	342.21	341.89	341.89	341.79	341.64	341.64	341.64	
Max	341.58	341.51	341.67	342.52	342.63	343.43	342.41	342.59	341.94	341.76	341.68	341.70	343.43
Min	341.46	341.46	341.46	341.46	341.55	341.84	341.61	341.71	341.71	341.51	341.61	341.59	341.46
Annual Max Momentary Gage Height	344.21	m. (MSL.) ,		at 09.00 Hours , on Sep 12 , 2005									
Zero Gage at Bottom Elevation	341.21	m. (MSL.) ,		River Bed 340.96 m. (MSL.)									
Left Bank Elevation	345.40	m. (MSL.) ,											
Right Bank Elevation	345.37	m. (MSL.) ,		Drainage Are	97	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.11	0.09	0.07	0.06	0.32	5.57	8.98	2.66	0.64	0.44	0.30	0.34	
2	0.11	0.06	0.09	0.09	0.26	2.53	4.72	1.40	0.72	0.60	0.26	0.32	
3	0.10	0.08	0.11	0.07	0.28	5.91	3.57	1.10	0.64	0.48	0.26	0.28	
4	0.10	0.06	0.11	0.09	0.38	4.89	2.30	1.04	0.76	0.64	0.30	0.26	
5	0.16	0.06	0.24	0.09	0.32	3.57	4.38	0.72	0.72	0.60	0.30	0.22	
6	0.14	0.06	0.18	0.10	0.34	1.80	2.92	0.86	1.80	0.48	0.30	0.28	
7	0.11	0.08	0.14	0.08	0.44	1.10	2.53	0.76	1.80	0.52	0.24	0.30	
8	0.10	0.11	0.10	0.08	0.56	1.04	2.79	1.28	1.28	0.28	0.26	0.30	
9	0.09	0.09	0.10	0.08	0.52	4.21	1.40	12.22	0.72	0.14	0.30	0.30	
10	0.11	0.09	0.09	0.08	0.34	8.12	1.34	7.61	0.52	0.11	0.24	0.30	
11	0.09	0.08	0.06	0.08	0.36	25.20	1.04	2.30	1.22	0.16	0.28	0.32	
12	0.07	0.07	0.07	0.09	0.38	28.80	0.86	1.60	1.16	0.16	0.30	0.40	
13	0.06	0.06	0.08	0.10	12.94	5.91	1.16	2.20	1.04	0.13	0.30	0.36	
14	0.18	0.06	0.09	0.08	2.92	2.92	1.04	1.80	1.04	0.13	0.28	0.30	
15	0.14	0.08	0.08	1.80	4.55	1.70	0.98	1.16	0.86	0.16	0.30	0.26	
16	0.11	0.06	0.10	0.15	1.22	3.70	1.40	0.98	0.68	0.12	0.36	0.34	
17	0.10	0.06	0.10	0.06	1.04	1.90	1.04	1.50	0.44	0.18	0.32	0.26	
18	0.09	0.06	0.11	0.07	2.30	2.10	1.10	1.04	0.44	0.24	0.28	0.24	
19	0.07	0.06	0.09	0.08	2.79	3.31	0.98	0.86	0.52	0.30	0.24	0.24	
20	0.09	0.09	0.10	2.66	0.56	9.34	1.10	1.04	0.64	0.26	0.26	0.24	
21	0.09	0.07	0.09	9.34	0.26	8.29	0.86	0.44	0.76	0.30	0.26	0.28	
22	0.09	0.08	0.34	0.19	0.15	2.92	0.98	0.86	0.86	0.28	0.22	0.26	
23	0.07	0.10	0.18	10.96	0.28	2.40	1.04	1.04	0.64	0.30	0.30	0.24	
24	0.09	0.07	0.17	0.80	3.57	1.34	0.22	1.04	0.76	0.30	0.30	0.24	
25	0.09	0.08	0.09	2.30	0.76	2.30	0.52	0.86	0.76	0.30	0.26	0.20	
26	0.09	0.06	0.07	1.10	0.68	1.70	0.68	1.16	0.80	0.30	0.24	0.22	
27	0.09	0.06	0.08	1.50	0.38	2.30	0.44	0.86	0.76	0.24	0.32	0.28	
28	0.09	0.07	0.06	1.90	11.86	11.86	0.48	0.76	0.72	0.30	0.30	0.24	
29	0.09	0.06	0.08	0.48	3.70	14.80	0.56	0.72	0.64	0.34		0.19	
30	0.09	0.07	0.07	0.52	1.70	12.94	0.68	0.86	0.64	0.34		0.20	
31		0.07		0.32	0.76		0.86		0.64	0.30		0.20	
Total	3.01	2.25	3.34	35.40	56.92	184.47	52.95	52.73	25.62	9.43	7.88	8.41	442.41 CMSDAY
Mean	0.10	0.07	0.11	1.14	1.84	6.15	1.71	1.76	0.83	0.30	0.28	0.27	1.21 CMS
Max	0.18	0.11	0.34	10.96	12.94	28.80	8.98	12.22	1.80	0.64	0.36	0.40	28.80 CMS
Min	0.06	0.06	0.06	0.06	0.15	1.04	0.22	0.44	0.44	0.11	0.22	0.19	0.06 CMS
Runoff	0.26	0.19	0.29	3.06	4.92	15.94	4.58	4.56	2.21	0.82	0.68	0.73	38.22 MCM
Momentary Peak	45.52	CMS.	at 344.21 m. (MSL.)	at 09.00 Hours	, on Sep 12, 2005								
Runoff Yield	12.50	Liters/Second/Square KM.			12.50	469.278	Liters/Second/Square KM.						

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Tha at Ban Pa Cang Noy, Lamphun (P.87)

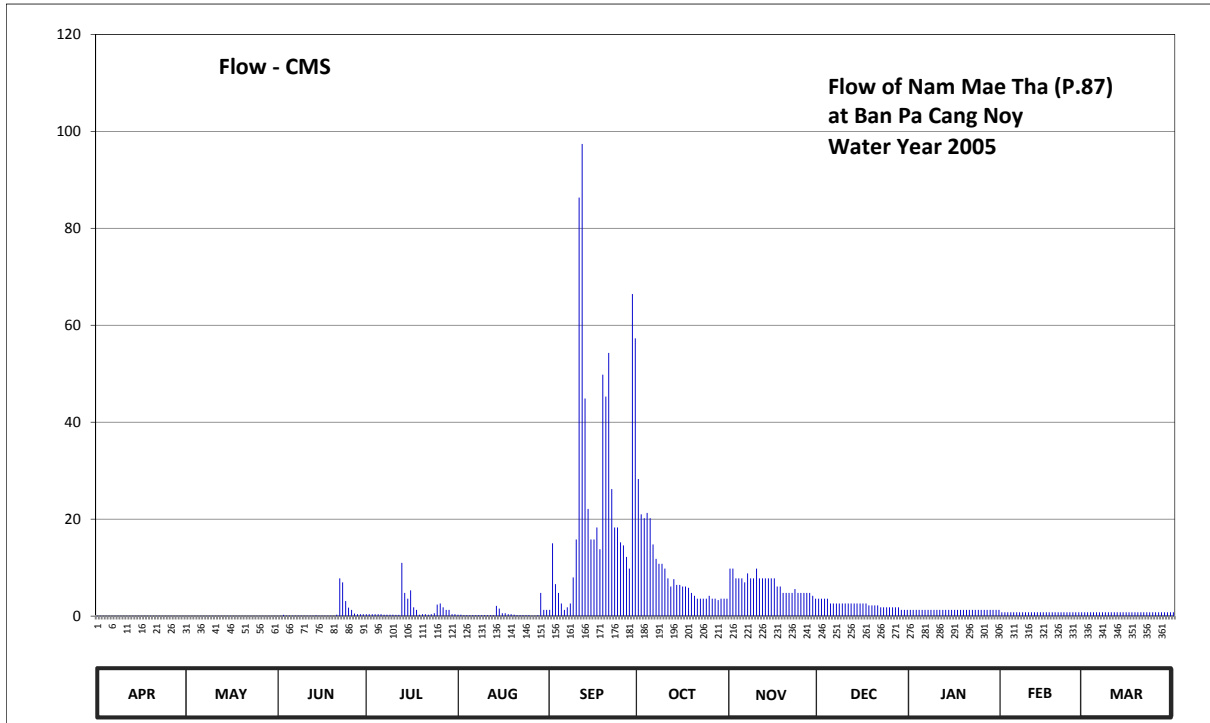
Lat 18 - 31 - 04 N Long 98 - 56 - 42 E

Location : on left bank at Ban Pa Cang Noy.

	Ban Pa Cang Noy	Amphoe Pa Cang	Changwat Lamphun
Drainage Area	934 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	- m. (A.D.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.45	-0.45	-0.43	-0.10	-0.23	0.10	1.55	0.80	0.40	0.10	0.00	0.00	
2	-0.45	-0.45	-0.43	-0.10	-0.23	1.06	1.30	0.80	0.40	0.10	0.00	0.00	
3	-0.45	-0.45	-0.23	-0.10	-0.30	0.63	1.27	0.70	0.40	0.10	0.00	0.00	
4	-0.45	-0.45	-0.41	-0.10	-0.30	0.50	1.31	0.70	0.40	0.10	0.00	0.00	
5	-0.45	-0.45	-0.40	-0.10	-0.30	0.30	1.27	0.70	0.30	0.10	0.00	0.00	
6	-0.45	-0.45	-0.40	-0.10	-0.30	0.10	1.05	0.65	0.30	0.10	0.00	0.00	
7	-0.45	-0.45	-0.40	-0.20	-0.30	0.20	0.90	0.75	0.30	0.10	0.00	0.00	
8	-0.45	-0.45	-0.40	-0.20	-0.30	0.30	0.85	0.70	0.30	0.10	0.00	0.00	
9	-0.45	-0.45	-0.40	-0.20	-0.30	0.71	0.85	0.70	0.30	0.10	0.00	0.00	
10	-0.45	-0.45	-0.40	-0.20	-0.30	1.10	0.80	0.80	0.30	0.10	0.00	0.00	
11	-0.45	-0.45	-0.40	-0.25	-0.30	2.77	0.70	0.70	0.30	0.10	0.00	0.00	
12	-0.45	-0.45	-0.40	-0.25	-0.30	2.94	0.60	0.70	0.30	0.10	0.00	0.00	
13	-0.45	-0.45	-0.40	0.86	-0.30	1.99	0.69	0.70	0.30	0.10	0.00	0.00	
14	-0.45	-0.45	-0.35	0.50	0.24	1.34	0.62	0.70	0.30	0.10	0.00	0.00	
15	-0.45	-0.45	-0.40	0.40	0.15	1.10	0.62	0.70	0.30	0.10	0.00	0.00	
16	-0.45	-0.45	-0.40	0.54	-0.05	1.10	0.60	0.70	0.30	0.10	0.00	0.00	
17	-0.45	-0.45	-0.40	0.20	-0.05	1.20	0.60	0.60	0.30	0.10	0.00	0.00	
18	-0.45	-0.45	-0.40	0.10	-0.10	1.00	0.58	0.60	0.25	0.10	0.00	0.00	
19	-0.45	-0.45	-0.40	-0.20	-0.10	2.10	0.50	0.52	0.25	0.10	0.00	0.00	
20	-0.45	-0.45	-0.40	-0.10	-0.20	2.00	0.45	0.50	0.25	0.10	0.00	0.00	
21	-0.45	-0.45	-0.20	-0.10	-0.30	2.19	0.40	0.50	0.25	0.10	0.00	0.00	
22	-0.45	-0.45	0.70	-0.20	-0.30	1.48	0.40	0.50	0.20	0.10	0.00	0.00	
23	-0.45	-0.45	0.65	-0.12	-0.30	1.20	0.40	0.56	0.20	0.10	0.00	0.00	
24	-0.45	-0.45	0.35	-0.05	-0.30	1.20	0.40	0.50	0.20	0.10	0.00	0.00	
25	-0.45	-0.45	0.19	0.27	-0.30	1.07	0.45	0.50	0.20	0.10	0.00	0.00	
26	-0.45	-0.45	0.10	0.30	-0.40	1.04	0.40	0.50	0.20	0.10	0.00	0.00	
27	-0.45	-0.45	-0.07	0.20	-0.40	0.92	0.40	0.50	0.20	0.10	0.00	0.00	
28	-0.45	-0.45	-0.10	0.10	-0.30	0.80	0.37	0.50	0.20	0.10	0.00	0.00	
29	-0.45	-0.45	-0.10	0.10	0.50	2.43	0.40	0.45	0.10	0.10	0.00	0.00	
30	-0.45	-0.45	-0.10	-0.10	0.10	2.25	0.40	0.40	0.10	0.10	0.00	0.00	
31	-0.45	-0.45	-0.10	-0.10	0.10		0.40		0.10	0.10	0.00	0.00	
Mean	-0.45	-0.45	-0.21	0.02	-0.19	1.24	0.69	0.62	0.26	0.10	0.00	0.00	
Max	-0.45	-0.45	0.70	0.86	0.50	2.94	1.55	0.80	0.40	0.10	0.00	0.00	2.94
Min	-0.45	-0.45	-0.43	-0.25	-0.40	0.10	0.37	0.40	0.10	0.10	0.00	0.00	-0.45
Annual Max Momentary Gage Height	3.30		m. (MSL.) ,			at 09.00 Hours ,	on Sep 12, 2005						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	-0.46	m. (MSL.)					
Left Bank Elevation	4.73		m. (MSL.) ,										
Right Bank Elevation	4.73		m. (MSL.) ,			Drainage Are	934	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	0.05	0.07	0.40	0.30	1.30	28.30	9.80	3.60	1.30	0.80	0.80	
2	0.05	0.05	0.07	0.40	0.30	15.00	21.00	9.80	3.60	1.30	0.80	0.80	
3	0.05	0.05	0.27	0.40	0.20	6.61	20.19	7.80	3.60	1.30	0.80	0.80	
4	0.05	0.05	0.09	0.40	0.20	4.80	21.28	7.80	3.60	1.30	0.80	0.80	
5	0.05	0.05	0.10	0.40	0.20	2.60	20.19	7.80	2.60	1.30	0.80	0.80	
6	0.05	0.05	0.10	0.40	0.20	1.30	14.80	6.95	2.60	1.30	0.80	0.80	
7	0.05	0.05	0.10	0.30	0.20	1.80	11.80	8.80	2.60	1.30	0.80	0.80	
8	0.05	0.05	0.10	0.30	0.20	2.60	10.80	7.80	2.60	1.30	0.80	0.80	
9	0.05	0.05	0.10	0.30	0.20	8.00	10.80	7.80	2.60	1.30	0.80	0.80	
10	0.05	0.05	0.10	0.30	0.20	15.80	9.80	9.80	2.60	1.30	0.80	0.80	
11	0.05	0.05	0.10	0.25	0.20	86.35	7.80	7.80	2.60	1.30	0.80	0.80	
12	0.05	0.05	0.10	0.25	0.20	97.40	6.10	7.80	2.60	1.30	0.80	0.80	
13	0.05	0.05	0.10	11.00	0.20	44.90	7.63	7.80	2.60	1.30	0.80	0.80	
14	0.05	0.05	0.15	4.80	2.12	22.12	6.44	7.80	2.60	1.30	0.80	0.80	
15	0.05	0.05	0.10	3.60	1.55	15.80	6.44	7.80	2.60	1.30	0.80	0.80	
16	0.05	0.05	0.10	5.32	0.60	15.80	6.10	7.80	2.60	1.30	0.80	0.80	
17	0.05	0.05	0.10	1.80	0.60	18.30	6.10	6.10	2.60	1.30	0.80	0.80	
18	0.05	0.05	0.10	1.30	0.40	13.80	5.84	6.10	2.20	1.30	0.80	0.80	
19	0.05	0.05	0.10	0.30	0.40	49.80	4.80	4.80	2.20	1.30	0.80	0.80	
20	0.05	0.05	0.10	0.40	0.30	45.30	4.20	4.80	2.20	1.30	0.80	0.80	
21	0.05	0.05	0.30	0.40	0.20	54.30	3.60	4.80	2.20	1.30	0.80	0.80	
22	0.05	0.05	7.80	0.30	0.20	26.20	3.60	4.80	1.80	1.30	0.80	0.80	
23	0.05	0.05	6.95	0.38	0.20	18.30	3.60	5.58	1.80	1.30	0.80	0.80	
24	0.05	0.05	3.10	0.60	0.20	18.30	3.60	4.80	1.80	1.30	0.80	0.80	
25	0.05	0.05	1.75	2.36	0.20	15.20	4.20	4.80	1.80	1.30	0.80	0.80	
26	0.05	0.05	1.30	2.60	0.10	14.60	3.60	4.80	1.80	1.30	0.80	0.80	
27	0.05	0.05	0.52	1.80	0.10	12.20	3.60	4.80	1.80	1.30	0.80	0.80	
28	0.05	0.05	0.40	1.30	0.20	9.80	3.30	4.80	1.80	1.30	0.80	0.80	
29	0.05	0.05	0.40	1.30	4.80	66.45	3.60	4.20	1.30	1.30		0.80	
30	0.05	0.05	0.40	0.40	1.30	57.30	3.60	3.60	1.30	1.30		0.80	
31		0.05		0.40	1.30		3.60		1.30	1.30		0.80	
Total	1.50	1.55	25.07	44.46	17.57	762.03	270.31	199.73	73.50	40.30	22.40	24.80	1483.22 CMSDAY
Mean	0.05	0.05	0.84	1.43	0.57	25.40	8.72	6.66	2.37	1.30	0.80	0.80	4.06 CMS
Max	0.05	0.05	7.80	11.00	4.80	97.40	28.30	9.80	3.60	1.30	0.80	0.80	97.40 CMS
Min	0.05	0.05	0.07	0.25	0.10	1.30	3.30	3.60	1.30	1.30	0.80	0.80	0.05 CMS
Runoff	0.13	0.13	2.17	3.84	1.52	65.84	23.35	17.26	6.35	3.48	1.94	2.14	128.15 MCM
Momentary Peak	121.80 CMS. at 3.30 m. (MSL.) at 09.00 Hours , on Sep 12 , 2005												
Runoff Yield	33.86 Liters/Second/Square KM. Momentary Peak Yield 1015.000 Liters/Second/Square KM.												

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Kuang at Ban Mueang Nga, Lamphun (P.89)

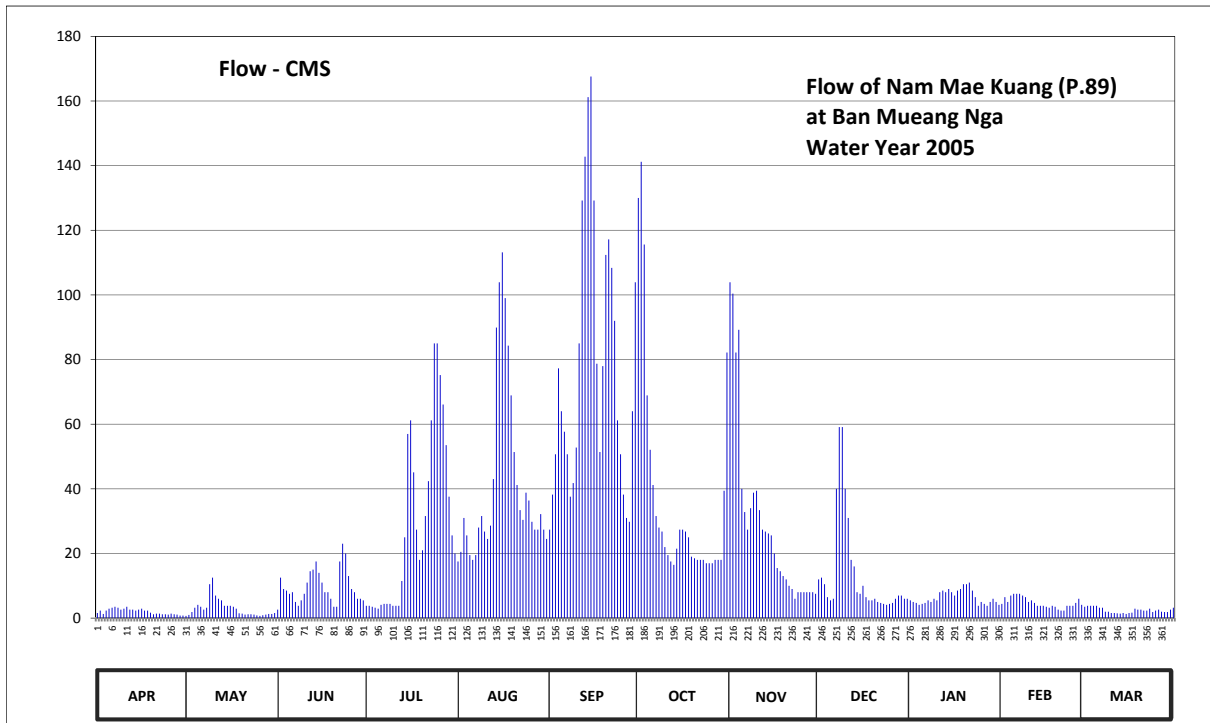
Lat 18 - 35 - 45 N Long 99 - 02 - 03 E

Location : on right bank at Ban Mueang Nga.

	Ban Mueang Nga	Amphoe Mueang	Changwat Lamphun
Drainage Area	-	sq.km.	
Type of Gage	Staff gage.		
Zero Gage at Bottom	+288.860 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.	Elevation	- m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 7 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	289.46	289.34	289.52	289.56	289.85	290.04	291.50	291.17	289.74	289.61	289.58	289.55	
2	289.51	289.40	289.75	289.56	289.91	290.22	291.64	291.12	289.75	289.60	289.63	289.56	
3	289.43	289.49	289.68	289.55	290.10	290.41	291.32	290.86	289.71	289.59	289.60	289.56	
4	289.51	289.54	289.67	289.54	290.01	290.79	290.67	290.96	289.63	289.57	289.64	289.56	
5	289.53	289.57	289.65	289.53	289.89	290.60	290.43	290.25	289.61	289.58	289.65	289.56	
6	289.54	289.55	289.66	289.57	289.86	290.51	290.27	290.13	289.62	289.59	289.65	289.54	
7	289.55	289.52	289.60	289.58	289.89	290.41	290.11	290.04	290.25	289.61	289.65	289.54	
8	289.54	289.54	289.56	289.58	290.05	290.21	290.05	290.15	290.53	289.60	289.64	289.50	
9	289.52	289.71	289.61	289.58	290.11	290.28	290.03	290.23	290.53	289.62	289.63	289.50	
10	289.53	289.75	289.65	289.56	290.03	290.44	289.94	290.23	290.25	289.61	289.60	289.46	
11	289.55	289.64	289.72	289.56	289.99	290.90	289.89	290.14	290.10	289.66	289.61	289.46	
12	289.52	289.62	289.79	289.56	290.06	291.49	289.85	290.04	289.86	289.67	289.59	289.45	
13	289.52	289.61	289.80	289.73	290.30	291.66	289.83	290.03	289.82	289.66	289.56	289.44	
14	289.51	289.56	289.85	290.00	290.97	291.89	289.93	290.02	289.66	289.68	289.56	289.46	
15	289.52	289.56	289.78	290.50	291.17	291.97	290.04	290.01	289.65	289.66	289.56	289.43	
16	289.53	289.56	289.72	290.56	291.29	291.49	290.04	289.90	289.70	289.64	289.55	289.46	
17	289.51	289.55	289.66	290.33	291.10	290.81	290.03	289.81	289.63	289.67	289.54	289.47	
18	289.51	289.53	289.66	290.04	290.89	290.42	290.00	289.79	289.61	289.68	289.56	289.53	
19	289.47	289.45	289.62	289.86	290.67	290.80	289.88	289.76	289.61	289.71	289.55	289.52	
20	289.42	289.44	289.55	289.92	290.42	291.28	289.87	289.74	289.62	289.71	289.52	289.52	
21	289.44	289.41	289.55	290.11	290.27	291.34	289.86	289.70	289.60	289.72	289.51	289.51	
22	289.44	289.42	289.85	290.29	290.14	291.23	289.86	289.68	289.59	289.67	289.51	289.51	
23	289.42	289.42	289.96	290.56	290.09	291.00	289.86	289.62	289.58	289.63	289.56	289.53	
24	289.42	289.41	289.90	290.90	290.23	290.56	289.84	289.66	289.57	289.56	289.56	289.49	
25	289.41	289.37	289.76	290.90	290.19	290.41	289.84	289.66	289.58	289.60	289.56	289.51	
26	289.44	289.34	289.68	290.76	290.08	290.22	289.84	289.66	289.59	289.58	289.59	289.52	
27	289.42	289.38	289.66	290.63	290.04	290.10	289.86	289.66	289.62	289.56	289.62	289.50	
28	289.41	289.41	289.62	290.45	290.04	290.08	289.86	289.66	289.64	289.60	289.57	289.49	
29	289.36	289.43	289.62	290.21	290.12	290.60	289.86	289.66	289.64	289.62	289.60	289.49	
30	289.36	289.43	289.61	290.01	290.04	291.17	290.24	289.65	289.62	289.60	289.60	289.52	
31		289.46		289.90	289.99		290.86		289.62	289.57		289.54	
Mean	289.48	289.50	289.69	290.01	290.25	290.78	290.16	290.03	289.76	289.63	289.58	289.51	
Max	289.55	289.75	289.96	290.90	291.29	291.97	291.64	291.17	290.53	289.72	289.65	289.56	291.97
Min	289.36	289.34	289.52	289.53	289.85	290.04	289.83	289.62	289.57	289.56	289.51	289.43	289.34
Annual Max Momentary Gage Height	292.00		m. (MSL.) ,			at 06.00 Hours ,	on Sep 15 , 2005						
Zero Gage at Bottom Elevation	288.86		m. (MSL.) ,			River Bed	286.46	m. (MSL.)					
Left Bank Elevation	294.16		m. (MSL.) ,										
Right Bank Elevation	294.21		m. (MSL.) ,			Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.60	0.70	2.60	3.80	17.50	27.40	130.00	103.90	12.00	5.50	4.40	3.50	
2	2.30	1.00	12.50	3.80	20.50	38.20	141.20	100.40	12.50	5.00	6.50	3.80	
3	1.30	1.90	9.00	3.50	31.00	50.70	115.60	82.20	10.50	4.70	5.00	3.80	
4	2.30	3.20	8.50	3.20	25.60	77.30	68.90	89.20	6.50	4.10	7.00	3.80	
5	2.90	4.10	7.50	2.90	19.50	64.00	52.10	40.00	5.50	4.40	7.50	3.80	
6	3.20	3.50	8.00	4.10	18.00	57.70	41.20	32.80	6.00	4.70	7.50	3.20	
7	3.50	2.60	5.00	4.40	19.50	50.70	31.60	27.40	40.00	5.50	7.50	3.20	
8	3.20	3.20	3.80	4.40	28.00	37.60	28.00	34.00	59.10	5.00	7.00	2.00	
9	2.60	10.50	5.50	4.40	31.60	41.80	26.80	38.80	59.10	6.00	6.50	2.00	
10	2.90	12.50	7.50	3.80	26.80	52.80	22.00	39.40	40.00	5.50	5.00	1.60	
11	3.50	7.00	11.00	3.80	24.50	85.00	19.50	33.40	31.00	8.00	5.50	1.60	
12	2.60	6.00	14.50	3.80	28.60	129.20	17.50	27.40	18.00	8.50	4.70	1.50	
13	2.60	5.50	15.00	11.50	43.00	142.80	16.50	26.80	16.00	8.00	3.80	1.40	
14	2.30	3.80	17.50	25.00	89.90	161.20	21.50	26.20	8.00	9.00	3.80	1.60	
15	2.60	3.80	14.00	57.00	103.90	167.60	27.40	25.60	7.50	8.00	3.80	1.30	
16	2.90	3.80	11.00	61.20	113.20	129.20	27.40	20.00	10.00	7.00	3.50	1.60	
17	2.30	3.50	8.00	45.10	99.00	78.70	26.80	15.50	6.50	8.50	3.20	1.70	
18	2.30	2.90	8.00	27.40	84.30	51.40	25.00	14.50	5.50	9.00	3.80	2.90	
19	1.70	1.50	6.00	18.00	68.90	78.00	19.00	13.00	5.50	10.50	3.50	2.60	
20	1.20	1.40	3.50	21.00	51.40	112.40	18.50	12.00	6.00	10.50	2.60	2.60	
21	1.40	1.10	3.50	31.60	41.20	117.20	18.00	10.00	5.00	11.00	2.30	2.30	
22	1.40	1.20	17.50	42.40	33.40	108.40	18.00	9.00	4.70	8.50	2.30	2.30	
23	1.20	1.20	23.00	61.20	30.40	92.00	18.00	6.00	4.40	6.50	3.80	2.90	
24	1.20	1.10	20.00	85.00	38.80	61.20	17.00	8.00	4.10	3.80	3.80	1.90	
25	1.10	0.85	13.00	85.00	36.40	50.70	17.00	8.00	4.40	5.00	3.80	2.30	
26	1.40	0.70	9.00	75.20	29.80	38.20	17.00	8.00	4.70	4.40	4.70	2.60	
27	1.20	0.90	8.00	66.10	27.40	31.00	18.00	8.00	6.00	3.80	6.00	2.00	
28	1.10	1.10	6.00	53.50	27.40	29.80	18.00	8.00	7.00	5.00	4.10	1.90	
29	0.80	1.30	6.00	37.60	32.20	64.00	18.00	8.00	7.00	6.00		1.90	
30	0.80	1.30	5.50	25.60	27.40	103.90	39.40	7.50	6.00	5.00		2.60	
31		1.60		20.00	24.50		82.20		6.00	4.10		3.20	
Total	61.40	94.75	289.90	895.30	1293.60	2330.10	1157.10	883.00	424.50	200.50	132.90	75.40	7838.45 CMSDAY
Mean	2.05	3.06	9.66	28.88	41.73	77.67	37.33	29.43	13.69	6.47	4.75	2.43	21.48 CMS
Max	3.50	12.50	23.00	85.00	113.20	167.60	141.20	103.90	59.10	11.00	7.50	3.80	167.60 CMS
Min	0.80	0.70	2.60	2.90	17.50	27.40	16.50	6.00	4.10	3.80	2.30	1.30	0.70 CMS
Runoff	5.31	8.19	25.05	77.35	111.77	201.32	99.97	76.29	36.68	17.32	11.48	6.52	677.24 MCM
Momentary Peak	170.00 CMS. at 292.00 m. (MSL.) at 06.00 Hours , on Sep 15 , 2005												
Runoff Yield	***** Liters/Second/Square KM.			Momentary Peak Yield			***** Liters/Second/Square KM.						

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Don Chai , Lampang (W.3A)

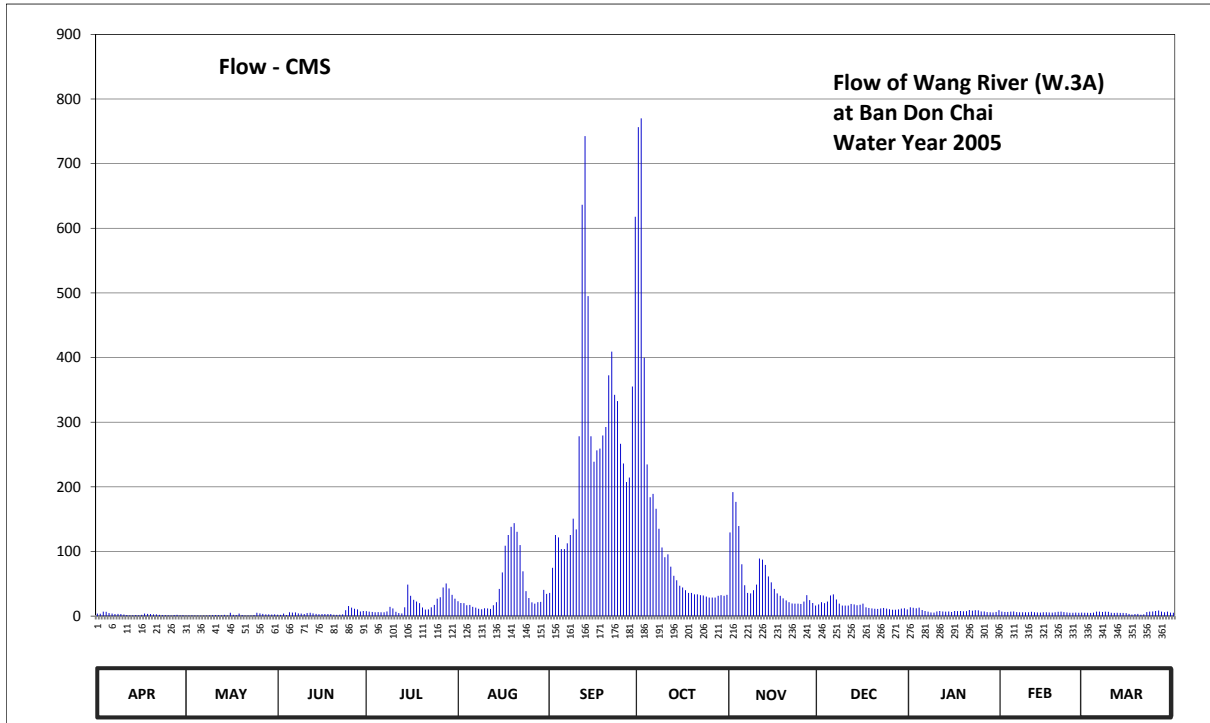
Lat 17 - 38 - 28 N Long 99 - 14 - 01 E

Location : on right bank about 30 meters upstream from Siriyong Bridge.

	Ban Don Chai	Amphoe Thoen	Changwat Lampang
Drainage Area	8,924 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+161.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 15 meters from automatic gage building	Elevation	+167.074 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1967 to date		
Rated by Flot	-		
Rated by Current Meter	1967 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The channel is filled of the Mimosa pudica plants. Stage-discharge relation defined by 49 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.79	160.58	160.68	160.98	161.42	161.64	166.14	162.72	161.30	161.19	160.95	160.86	
2	160.78	160.57	160.67	160.94	161.36	162.12	166.19	163.26	161.39	161.16	160.92	160.86	
3	160.94	160.62	160.79	160.92	161.35	162.68	164.62	163.14	161.35	161.14	160.92	160.85	
4	160.93	160.59	160.65	160.90	161.27	162.64	163.57	162.82	161.41	161.17	160.94	160.87	
5	160.84	160.60	160.89	160.91	161.28	162.44	163.20	162.18	161.58	161.05	160.96	160.94	
6	160.79	160.55	160.87	160.89	161.21	162.44	163.24	161.81	161.61	161.00	160.91	160.94	
7	160.75	160.57	160.88	160.89	161.17	162.54	163.05	161.64	161.47	160.94	160.89	160.92	
8	160.76	160.60	160.81	160.96	161.11	162.68	162.78	161.63	161.33	160.88	160.89	160.95	
9	160.74	160.61	160.79	161.21	161.09	162.92	162.47	161.70	161.26	160.87	160.90	160.93	
10	160.70	160.63	160.74	161.13	161.14	162.77	162.30	161.82	161.26	160.96	160.90	160.86	
11	160.64	160.64	160.83	160.93	161.13	163.87	162.35	162.28	161.26	161.00	160.93	160.85	
12	160.61	160.63	160.86	160.83	161.10	165.70	162.14	162.26	161.32	160.96	160.90	160.86	
13	160.61	160.61	160.81	160.81	161.27	166.09	161.98	162.17	161.30	160.94	160.88	160.85	
14	160.64	160.67	160.76	161.19	161.39	165.10	161.90	161.97	161.27	160.96	160.87	160.85	
15	160.62	160.58	160.73	161.82	161.73	163.87	161.80	161.86	161.29	160.92	160.90	160.83	
16	160.66	160.86	160.74	161.57	162.04	163.60	161.76	161.73	161.33	160.99	160.89	160.77	
17	160.80	160.67	160.74	161.46	162.50	163.72	161.70	161.63	161.19	160.98	160.88	160.70	
18	160.77	160.64	160.74	161.41	162.68	163.74	161.64	161.57	161.15	161.00	160.87	160.74	
19	160.74	160.80	160.74	161.35	162.81	163.88	161.64	161.50	161.13	160.97	160.90	160.76	
20	160.72	160.64	160.68	161.18	162.86	163.97	161.61	161.44	161.11	160.98	160.93	160.68	
21	160.71	160.60	160.67	161.07	162.73	164.47	161.61	161.39	161.10	161.05	160.95	160.71	
22	160.67	160.58	160.68	161.08	162.51	164.67	161.59	161.34	161.13	161.01	160.91	160.91	
23	160.64	160.59	160.72	161.19	162.06	164.29	161.58	161.33	161.15	161.04	160.88	160.95	
24	160.63	160.64	161.04	161.28	161.68	164.23	161.55	161.33	161.12	161.03	160.86	160.96	
25	160.62	160.86	161.24	161.49	161.51	163.79	161.52	161.32	161.09	160.96	160.86	160.99	
26	160.60	160.81	161.17	161.53	161.38	163.58	161.52	161.41	161.06	160.96	160.87	161.02	
27	160.65	160.76	161.11	161.76	161.33	163.38	161.52	161.59	161.06	160.91	160.86	160.95	
28	160.66	160.72	161.08	161.84	161.39	163.43	161.57	161.45	161.08	160.90	160.87	160.90	
29	160.61	160.71	160.96	161.74	161.40	164.37	161.59	161.36	161.12	160.88		160.95	
30	160.63	160.69	160.99	161.60	161.71	165.63	161.57	161.26	161.14	160.92		160.87	
31		160.71		161.49	161.62		161.60		161.08	161.04		160.86	
Mean	160.71	160.66	160.84	161.24	161.65	163.68	162.36	161.83	161.24	160.99	160.90	160.87	
Max	160.94	160.86	161.24	161.84	162.86	166.09	166.19	163.26	161.61	161.19	160.96	161.02	166.19
Min	160.60	160.55	160.65	160.81	161.09	161.64	161.52	161.26	161.06	160.87	160.86	160.68	160.55
Annual Max Momentary Gage Height	166.43		m. (MSL.) ,			at 06.00 Hours ,		on Oct 2 , 2005					
Zero Gage at Bottom Elevation	161.00		m. (MSL.) ,			River Bed	159.29	m. (MSL.)					
Left Bank Elevation		169.08		m. (MSL.) ,									
Right Bank Elevation		169.01		m. (MSL.) ,		Drainage Are	8,924	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.85	0.90	2.20	7.60	23.10	35.80	756.50	129.40	18.00	13.70	7.00	5.20	
2	3.70	0.85	2.05	6.80	20.40	74.80	770.25	191.80	21.60	12.80	6.40	5.20	
3	6.80	1.30	3.85	6.40	20.00	125.60	399.80	176.80	20.00	12.20	6.40	5.00	
4	6.60	0.95	1.75	6.00	16.80	121.80	234.65	139.30	22.55	13.10	6.80	5.40	
5	4.80	1.00	5.80	6.20	17.20	103.60	184.00	80.20	31.90	9.50	7.20	6.80	
6	3.85	0.75	5.40	5.80	14.40	103.60	189.20	47.85	33.70	8.00	6.20	6.80	
7	3.25	0.85	5.60	5.80	13.10	112.60	166.00	35.80	25.85	6.80	5.80	6.40	
8	3.40	1.00	4.20	7.20	11.30	125.60	135.10	35.10	19.20	5.60	5.80	7.00	
9	3.10	1.15	3.85	14.40	10.70	150.80	106.30	40.00	16.40	5.40	6.00	6.60	
10	2.50	1.45	3.10	11.90	12.20	134.15	91.00	48.70	16.40	7.20	6.00	5.20	
11	1.60	1.60	4.60	6.60	11.90	278.15	95.50	89.20	16.40	8.00	6.60	5.00	
12	1.15	1.45	5.20	4.60	11.00	636.50	76.60	87.40	18.80	7.20	6.00	5.20	
13	1.15	1.15	4.20	4.20	16.80	742.75	62.30	79.30	18.00	6.80	5.60	5.00	
14	1.60	2.05	3.40	13.70	21.60	495.00	55.50	61.45	16.80	7.20	5.40	5.00	
15	1.30	0.90	2.95	48.70	42.10	278.15	47.00	52.10	17.60	6.40	6.00	4.60	
16	1.90	5.20	3.10	31.35	67.60	239.00	44.20	42.10	19.20	7.80	5.80	3.55	
17	4.00	2.05	3.10	25.30	109.00	256.40	40.00	35.10	13.70	7.60	5.60	2.50	
18	3.55	1.60	3.10	22.55	125.60	259.30	35.80	31.35	12.50	8.00	5.40	3.10	
19	3.10	4.00	3.10	20.00	138.15	279.60	35.80	27.50	11.90	7.40	6.00	3.40	
20	2.80	1.60	2.20	13.40	143.90	292.65	33.70	24.20	11.30	7.60	6.60	2.20	
21	2.65	1.00	2.05	10.10	130.35	372.60	33.70	21.60	11.00	9.50	7.00	2.65	
22	2.05	0.90	2.20	10.40	109.90	409.30	32.45	19.60	11.90	8.30	6.20	6.20	
23	1.60	0.95	2.80	13.70	69.40	342.40	31.90	19.20	12.50	9.20	5.60	7.00	
24	1.45	1.60	9.20	17.20	38.60	332.80	30.25	19.20	11.60	8.90	5.20	7.20	
25	1.30	5.20	15.60	26.95	28.05	266.55	28.60	18.80	10.70	7.20	5.20	7.80	
26	1.00	4.20	13.10	29.15	21.20	236.10	28.60	22.55	9.80	7.20	5.40	8.60	
27	1.75	3.40	11.30	44.20	19.20	207.40	28.60	32.45	9.80	6.20	5.20	7.00	
28	1.90	2.80	10.40	50.40	21.60	214.35	31.35	24.75	10.40	6.00	5.40	6.00	
29	1.15	2.65	7.20	42.80	22.00	355.20	32.45	20.40	11.60	5.60	7.00	7.00	
30	1.45	2.35	7.80	33.00	40.70	617.95	31.35	16.40	12.20	6.40	5.40	5.40	
31		2.65		26.95	34.40		33.00		10.40	9.20		5.20	
Total	80.30	59.50	154.40	573.35	1382.25	8200.50	3901.45	1669.60	503.70	252.00	167.80	169.20	17114.05 CMSDAY
Mean	2.68	1.92	5.15	18.50	44.59	273.35	125.85	55.65	16.25	8.13	5.99	5.46	46.89 CMS
Max	6.80	5.20	15.60	50.40	143.90	742.75	770.25	191.80	33.70	13.70	7.20	8.60	770.25 CMS
Min	1.00	0.75	1.75	4.20	10.70	35.80	28.60	16.40	9.80	5.40	5.20	2.20	0.75 CMS
Runoff	6.94	5.14	13.34	49.54	119.43	708.52	337.09	144.25	43.52	21.77	14.50	14.62	1478.65 MCM
Momentary Peak	836.40 CMS. at 166.43 m. (MSL.) at 06.00 Hours , on Oct 2, 2005												
Runoff Yield	5.25 Liters/Second/Square KM.			Momentary Peak Yield				93.725 Liters/Second/Square KM.					

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Wang Man , Tak (W.4A)

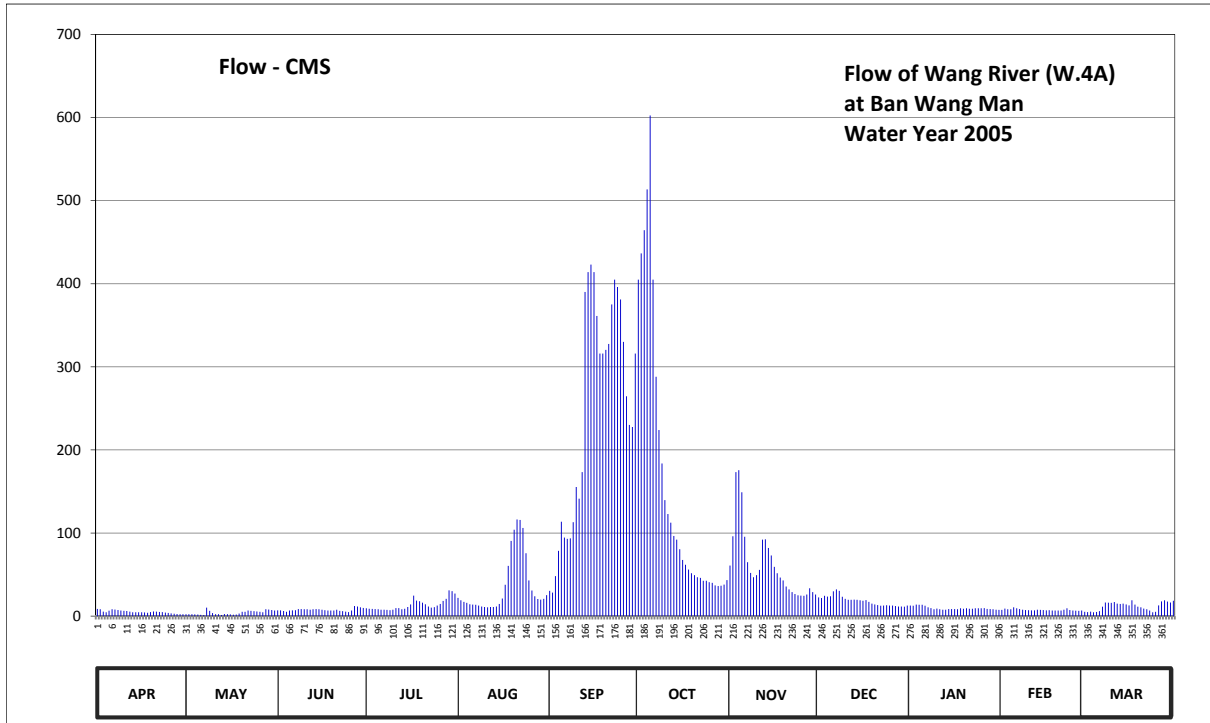
Lat 17 - 12 - 19 N Long 99 - 06 - 05 E

Location : on left bank about 200 meters upstream from the bridge on highway.

	Ban Wang Man	Amphoe Sam Ngao	Changwat Tak
Drainage Area	10,439 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+130.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of Wat Wang Man		Elevation +141.997 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1968 to date		
Rating Operation			
Period of Rating	1971 to date		
Rated by Flot	-		
Rated by Current Meter	1971 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 43 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.96	130.50	130.86	131.00	131.50	131.78	136.13	132.62	131.52	131.15	130.89	130.75	
2	130.93	130.51	130.86	130.97	131.40	131.71	136.23	133.36	131.49	131.14	130.98	130.72	
3	130.76	130.50	130.81	130.96	131.33	132.29	136.31	134.64	131.58	131.20	130.93	130.76	
4	130.71	130.47	130.75	130.95	131.28	133.01	136.44	134.67	131.55	131.19	130.94	130.71	
5	130.84	130.45	130.85	130.93	131.22	133.70	136.64	134.30	131.56	131.19	131.05	130.73	
6	130.94	130.41	130.86	130.90	131.20	133.33	136.13	133.35	131.76	131.14	131.00	130.80	
7	130.91	130.40	130.87	130.90	131.19	133.30	135.65	132.71	131.83	131.05	130.95	131.09	
8	130.88	131.04	130.95	130.89	131.15	133.31	135.20	132.40	131.78	131.01	130.90	131.30	
9	130.85	130.83	130.95	130.87	131.10	133.69	134.77	132.25	131.54	130.94	130.88	131.29	
10	130.83	130.63	130.93	130.90	131.07	134.39	134.16	132.32	131.46	130.98	130.87	131.28	
11	130.81	130.51	130.93	131.01	131.05	134.19	133.87	132.49	131.42	130.93	130.86	131.32	
12	130.76	130.49	130.90	131.01	131.07	134.64	133.68	133.28	131.42	130.90	130.86	131.25	
13	130.71	130.37	130.93	130.94	131.07	136.08	133.37	133.29	131.43	130.90	130.90	131.23	
14	130.71	130.53	130.95	130.97	131.10	136.16	133.28	133.08	131.42	130.95	130.89	131.25	
15	130.70	130.51	130.93	131.07	131.23	136.19	133.05	132.89	131.40	130.95	130.88	131.21	
16	130.70	130.48	130.90	131.21	131.47	136.16	132.77	132.58	131.38	130.95	130.86	131.16	
17	130.69	130.44	130.87	131.59	131.99	135.98	132.64	132.39	131.41	130.93	130.87	131.40	
18	130.66	130.46	130.85	131.39	132.61	135.79	132.50	132.24	131.33	131.00	130.85	131.20	
19	130.72	130.58	130.85	131.36	133.25	135.79	132.39	132.14	131.25	130.97	130.85	131.09	
20	130.78	130.75	130.85	131.29	133.52	135.81	132.32	131.93	131.21	131.00	130.85	131.05	
21	130.76	130.75	130.90	131.22	133.75	135.84	132.25	131.83	131.18	130.97	130.85	130.98	
22	130.73	130.85	130.83	131.10	133.74	136.03	132.23	131.73	131.14	130.97	130.90	130.94	
23	130.72	130.83	130.80	131.04	133.56	136.13	132.13	131.65	131.15	131.00	131.00	130.85	
24	130.68	130.80	130.76	131.06	132.95	136.10	132.13	131.60	131.17	131.00	130.88	130.71	
25	130.65	130.77	130.72	131.15	132.14	136.05	132.08	131.59	131.15	131.00	130.85	130.75	
26	130.61	130.75	130.85	131.23	131.79	135.85	132.06	131.58	131.15	131.01	130.84	131.16	
27	130.56	130.71	131.12	131.37	131.56	135.51	131.97	131.63	131.12	130.96	130.83	131.35	
28	130.53	130.94	131.10	131.46	131.45	135.25	131.95	131.87	131.10	130.95	130.85	131.40	
29	130.51	130.91	131.05	131.80	131.43	135.23	131.96	131.73	131.10	130.93		131.34	
30	130.49	130.88	131.02	131.77	131.46	135.79	132.00	131.63	131.09	130.90		131.30	
31		130.85		131.67	131.61		132.15		131.15	130.89		131.38	
Mean	130.74	130.64	130.89	131.16	131.81	134.84	133.56	132.53	131.36	131.00	130.90	131.09	
Max	130.96	131.04	131.12	131.80	133.75	136.19	136.64	134.67	131.83	131.20	131.05	131.40	136.64
Min	130.49	130.37	130.72	130.87	131.05	131.71	131.95	131.58	131.09	130.89	130.83	130.71	130.37
Annual Max Momentary Gage Height	136.66		m. (MSL.) ,				at 15.00 Hours , on Oct 5 , 2005						
Zero Gage at Bottom Elevation	130.00		m. (MSL.) ,			River Bed	129.28	m. (MSL.)					
Left Bank Elevation		141.80		m. (MSL.) ,									
Right Bank Elevation		141.87		m. (MSL.) ,		Drainage Are	10,439	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.70	2.30	6.95	9.40	22.00	30.40	405.00	60.90	22.60	12.70	7.47	5.22	
2	8.17	2.39	6.95	8.88	19.00	28.30	436.50	96.00	21.70	12.48	9.05	4.82	
3	5.36	2.30	6.07	8.70	17.18	48.15	464.50	173.20	24.40	13.80	8.17	5.36	
4	4.69	2.03	5.22	8.52	15.88	78.50	513.60	175.60	23.50	13.58	8.35	4.69	
5	6.60	1.85	6.78	8.17	14.32	113.50	602.40	149.00	23.80	13.58	10.50	4.95	
6	8.35	1.49	6.95	7.65	13.80	94.50	405.00	95.50	29.80	12.48	9.40	5.90	
7	7.83	1.40	7.12	7.65	13.58	93.00	288.00	64.95	32.05	10.50	8.52	11.38	
8	7.30	10.28	8.52	7.47	12.70	93.50	224.00	52.00	30.40	9.62	7.65	16.40	
9	6.78	6.42	8.52	7.12	11.60	112.95	183.60	46.75	23.20	8.35	7.30	16.14	
10	6.42	3.60	8.17	7.65	10.94	155.30	139.60	49.20	20.80	9.05	7.12	15.88	
11	6.07	2.39	8.17	9.62	10.50	141.40	122.85	55.60	19.60	8.17	6.95	16.92	
12	5.36	2.21	7.65	9.62	10.94	173.20	112.40	92.00	19.60	7.65	6.95	15.10	
13	4.69	1.24	8.17	8.35	10.94	390.00	96.50	92.50	19.90	7.65	7.65	14.58	
14	4.69	2.57	8.52	8.88	11.60	414.00	92.00	82.00	19.60	8.52	7.47	15.10	
15	4.55	2.39	8.17	10.94	14.58	423.00	80.50	73.05	19.00	8.52	7.30	14.06	
16	4.55	2.12	7.65	14.06	21.10	414.00	67.65	59.20	18.48	8.52	6.95	12.92	
17	4.41	1.76	7.12	24.70	37.65	361.20	61.80	51.65	19.30	8.17	7.12	19.00	
18	4.01	1.94	6.78	18.74	60.45	316.00	56.00	46.40	17.18	9.40	6.78	13.80	
19	4.82	3.02	6.78	17.96	90.50	316.00	51.65	42.90	15.10	8.88	6.78	11.38	
20	5.63	5.22	6.78	16.14	104.00	320.40	49.20	35.55	14.06	9.40	6.78	10.50	
21	5.36	5.22	7.65	14.32	116.25	327.60	46.75	32.05	13.36	8.88	6.78	9.05	
22	4.95	6.78	6.42	11.60	115.70	375.00	46.05	28.90	12.48	8.88	7.65	8.35	
23	4.82	6.42	5.90	10.28	106.00	405.00	42.55	26.50	12.70	9.40	9.40	6.78	
24	4.28	5.90	5.36	10.72	75.75	396.00	42.55	25.00	13.14	9.40	7.30	4.69	
25	3.87	5.50	4.82	12.70	42.90	381.00	40.80	24.70	12.70	9.40	6.78	5.22	
26	3.33	5.22	6.78	14.58	30.70	330.00	40.10	24.40	12.70	9.62	6.60	12.92	
27	2.84	4.69	12.04	18.22	23.80	264.50	36.95	25.90	12.04	8.70	6.42	17.70	
28	2.57	8.35	11.60	20.80	20.50	230.00	36.25	33.45	11.60	8.52	6.78	19.00	
29	2.39	7.83	10.50	31.00	19.90	227.60	36.60	28.90	11.60	8.17		17.44	
30	2.21	7.30	9.84	30.10	20.80	316.00	38.00	25.90	11.38	7.65		16.40	
31		6.78		27.10	25.30		43.25		12.70	7.47		18.48	
Total	155.60	128.91	227.95	421.64	1120.86	7370.00	4902.60	1869.65	570.47	297.11	211.97	370.13	17646.89 CMSDAY
Mean	5.19	4.16	7.60	13.60	36.16	245.67	158.15	62.32	18.40	9.58	7.57	11.94	48.35 CMS
Max	8.70	10.28	12.04	31.00	116.25	423.00	602.40	175.60	32.05	13.80	10.50	19.00	602.40 CMS
Min	2.21	1.24	4.82	7.12	10.50	28.30	36.25	24.40	11.38	7.47	6.42	4.69	1.24 CMS
Runoff	13.44	11.14	19.70	36.43	96.84	636.77	423.59	161.54	49.29	25.67	18.31	31.98	1524.69 MCM
Momentary Peak		611.60 CMS.											at 136.66 m. (MSL.) at 15.00 Hours , on Oct 5 , 2005
Runoff Yield		4.63											Liters/Second/Square KM. Momentary Peak Yield 58.588 Liters/Second/Square KM.

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Don Mun , Lampang (W.10A)

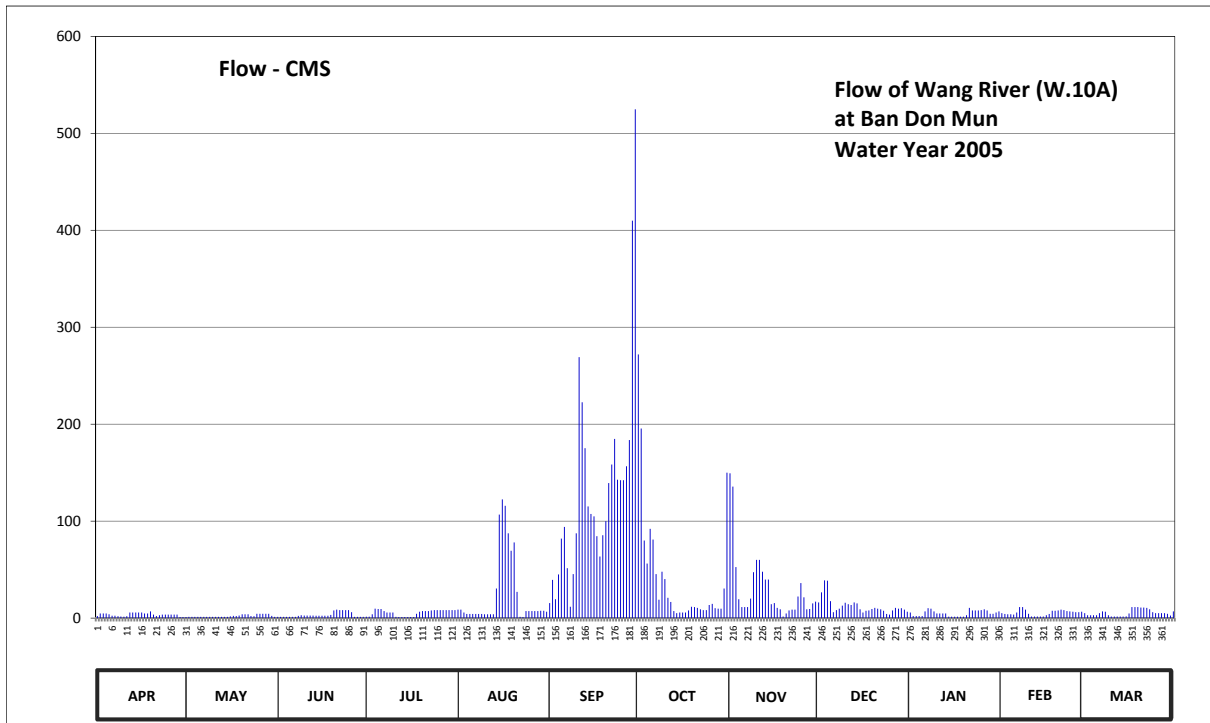
Lat 18 - 31 - 16 N Long 99 - 37 - 52 E

Location : on left bank at Ban Don Mun

	Ban Don Mun	Amphoe Mueang	Changwat Lampang
Drainage Area	2,798 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+259.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the bridge.	Elevation	+270.290 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair.Stage-discharge relation defined by 52 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	259.07	259.01	259.02	259.03	259.28	259.46	264.02	262.19	259.48	259.20	259.18	259.18	
2	259.17	259.02	259.02	259.03	259.28	260.06	262.96	261.96	259.74	259.07	259.15	259.11	
3	259.17	259.02	259.02	259.14	259.20	259.56	260.96	260.39	260.05	259.07	259.14	259.11	
4	259.17	259.02	259.02	259.31	259.15	260.20	260.48	259.56	260.04	259.07	259.14	259.11	
5	259.14	259.02	259.02	259.30	259.15	261.00	261.20	259.35	259.51	259.07	259.13	259.11	
6	259.09	259.02	259.02	259.30	259.15	261.24	260.98	259.35	259.21	259.23	259.20	259.18	
7	259.09	259.02	259.02	259.24	259.15	260.36	260.21	259.35	259.27	259.32	259.35	259.23	
8	259.06	259.02	259.08	259.20	259.15	259.36	259.55	259.58	259.31	259.31	259.35	259.22	
9	259.04	259.02	259.11	259.20	259.15	260.21	260.27	260.26	259.39	259.23	259.28	259.11	
10	259.03	259.02	259.10	259.20	259.14	261.11	260.08	260.56	259.47	259.17	259.16	259.04	
11	259.06	259.02	259.10	259.02	259.14	263.99	259.60	260.56	259.43	259.17	259.04	259.04	
12	259.20	259.02	259.10	259.01	259.14	263.38	259.49	260.27	259.41	259.17	259.04	259.04	
13	259.20	259.02	259.10	259.01	259.14	262.62	259.24	260.07	259.48	259.17	259.04	259.04	
14	259.20	259.02	259.09	259.01	259.84	261.62	259.18	260.07	259.45	259.03	259.04	259.04	
15	259.20	259.02	259.09	259.01	261.48	261.49	259.20	259.43	259.29	259.03	259.04	259.05	
16	259.20	259.05	259.09	259.01	261.74	261.45	259.20	259.46	259.20	259.03	259.11	259.17	
17	259.17	259.08	259.09	259.01	261.63	261.05	259.20	259.33	259.25	259.03	259.15	259.35	
18	259.17	259.07	259.09	259.16	261.11	260.63	259.26	259.29	259.26	259.03	259.25	259.35	
19	259.23	259.10	259.12	259.22	260.75	261.07	259.36	259.04	259.30	259.03	259.25	259.35	
20	259.13	259.14	259.26	259.24	260.92	261.36	259.35	259.17	259.33	259.11	259.26	259.34	
21	259.07	259.14	259.28	259.24	259.75	262.02	259.33	259.26	259.31	259.33	259.28	259.34	
22	259.11	259.14	259.27	259.24	259.02	262.34	259.29	259.28	259.29	259.26	259.27	259.33	
23	259.13	259.07	259.27	259.26	259.01	262.78	259.27	259.28	259.25	259.26	259.24	259.29	
24	259.13	259.06	259.27	259.27	259.24	262.08	259.27	259.63	259.15	259.26	259.23	259.21	
25	259.13	259.16	259.27	259.27	259.24	262.07	259.41	259.98	259.13	259.27	259.22	259.18	
26	259.13	259.16	259.21	259.27	259.24	262.07	259.44	259.61	259.26	259.29	259.21	259.18	
27	259.13	259.16	259.02	259.27	259.24	262.31	259.32	259.29	259.33	259.26	259.21	259.18	
28	259.13	259.16	259.02	259.27	259.24	262.76	259.31	259.30	259.31	259.16	259.22	259.18	
29	259.01	259.16	259.02	259.27	259.25	265.20	259.31	259.45	259.32	259.16		259.16	
30	259.01	259.08	259.02	259.27	259.25	265.85	259.84	259.50	259.28	259.20		259.10	
31		259.02		259.27	259.22		262.20		259.22	259.23		259.23	
Mean	259.13	259.07	259.11	259.18	259.63	261.69	259.99	259.79	259.38	259.17	259.19	259.18	
Max	259.23	259.16	259.28	259.31	261.74	265.85	264.02	262.19	260.05	259.33	259.35	259.35	265.85
Min	259.01	259.01	259.02	259.01	259.01	259.36	259.18	259.04	259.13	259.03	259.04	259.04	259.01
Annual Max Momentary Gage Height	266.30		m. (MSL.) ,				at 06.00 Hours ,	on Sep 30 , 2005					
Zero Gage at Bottom Elevation	259.00		m. (MSL.) ,				River Bed	257.38	m. (MSL.)				
Left Bank Elevation		270.14		m. (MSL.) ,									
Right Bank Elevation		269.84		m. (MSL.) ,		Drainage Are	2,798	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.12	1.16	1.32	1.48	8.68	15.48	271.90	149.40	16.24	5.80	5.16	5.16		
2	4.84	1.32	1.32	1.48	8.68	39.40	195.60	135.60	26.60	2.12	4.20	2.92		
3	4.84	1.32	1.32	3.88	5.80	19.40	80.00	52.60	39.00	2.12	3.88	2.92		
4	4.84	1.32	1.32	9.78	4.20	45.00	56.20	19.40	38.60	2.12	3.88	2.92		
5	3.88	1.32	1.32	9.40	4.20	82.00	92.00	11.30	17.40	2.12	3.56	2.92		
6	2.44	1.32	1.32	9.40	4.20	94.00	81.00	11.30	6.16	6.88	5.80	5.16		
7	2.44	1.32	1.32	7.24	4.20	51.40	45.40	11.30	8.32	10.16	11.30	6.88		
8	1.96	1.32	2.28	5.80	4.20	11.68	19.00	20.20	9.78	9.78	11.30	6.52		
9	1.64	1.32	2.92	5.80	4.20	45.40	47.80	47.40	12.82	6.88	8.68	2.92		
10	1.48	1.32	2.60	5.80	3.88	87.50	40.20	60.00	15.86	4.84	4.52	1.64		
11	1.96	1.32	2.60	1.32	3.88	269.20	21.00	60.00	14.34	4.84	1.64	1.64		
12	5.80	1.32	2.60	1.16	3.88	222.60	16.62	47.80	13.58	4.84	1.64	1.64		
13	5.80	1.32	2.60	1.16	3.88	175.20	7.24	39.80	16.24	4.84	1.64	1.64		
14	5.80	1.32	2.44	1.16	30.60	115.20	5.16	39.80	15.10	1.48	1.64	1.64		
15	5.80	1.32	2.44	1.16	106.80	107.40	5.80	14.34	9.04	1.48	1.64	1.80		
16	5.80	1.80	2.44	1.16	122.40	105.00	5.80	15.48	5.80	1.48	2.92	4.84		
17	4.84	2.28	2.44	1.16	115.80	84.50	5.80	10.54	7.60	1.48	4.20	11.30		
18	4.84	2.12	2.44	4.52	87.50	63.50	7.96	9.04	7.96	1.48	7.60	11.30		
19	6.88	2.60	3.24	6.52	69.50	85.50	11.68	1.64	9.40	1.48	7.60	11.30		
20	3.56	3.88	7.96	7.24	78.00	100.00	11.30	4.84	10.54	2.92	7.96	10.92		
21	2.12	3.88	8.68	7.24	27.00	139.20	10.54	7.96	9.78	10.54	8.68	10.92		
22	2.92	3.88	8.32	7.24	1.32	158.40	9.04	8.68	9.04	7.96	8.32	10.54		
23	3.56	2.12	8.32	7.96	1.16	184.80	8.32	8.68	7.60	7.96	7.24	9.04		
24	3.56	1.96	8.32	8.32	7.24	142.80	8.32	22.20	4.20	7.96	6.88	6.16		
25	3.56	4.52	8.32	8.32	7.24	142.20	13.58	36.20	3.56	8.32	6.52	5.16		
26	3.56	4.52	6.16	8.32	7.24	142.20	14.72	21.40	7.96	9.04	6.16	5.16		
27	3.56	4.52	1.32	8.32	7.24	156.60	10.16	9.04	10.54	7.96	6.16	5.16		
28	3.56	4.52	1.32	8.32	7.24	183.60	9.78	9.40	9.78	4.52	6.52	5.16		
29	1.16	4.52	1.32	8.32	7.60	410.00	9.78	15.10	10.16	4.52		4.52		
30	1.16	2.28	1.32	8.32	7.60	524.75	30.60	17.00	8.68	5.80		2.60		
31		1.32		8.32	6.52		150.00		6.52	6.88		6.88		
Total	110.28	70.36	101.64	175.62	761.88	4003.91	1302.30	917.44	388.20	160.60	157.24	169.28	8318.75	CMSDAY
Mean	3.68	2.27	3.39	5.67	24.58	133.46	42.01	30.58	12.52	5.18	5.62	5.46	22.79	CMS
Max	6.88	4.52	8.68	9.78	122.40	524.75	271.90	149.40	39.00	10.54	11.30	11.30	524.75	CMS
Min	1.16	1.16	1.32	1.16	1.16	11.68	5.16	1.64	3.56	1.48	1.64	1.64	1.16	CMS
Runoff	9.53	6.08	8.78	15.17	65.83	345.94	112.52	79.27	33.54	13.88	13.59	14.63	718.74	MCM
Momentary Peak	620.00 CMS. at 266.30 m. (MSL.) at 06.00 Hours , on Sep 30 , 2005													
Runoff Yield	8.15 Liters/Second/Square KM.			Momentary Peak Yield				221.587 Liters/Second/Square KM.						

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Hai , Lampang (W.16A)

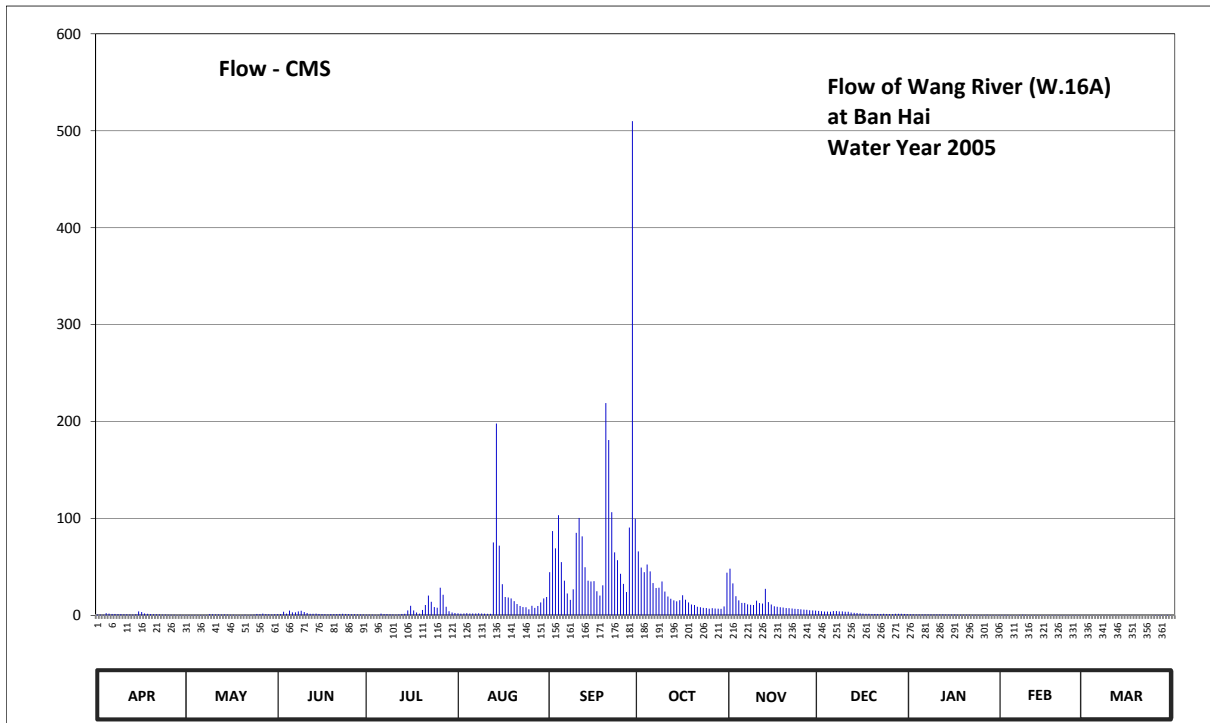
Lat 18 - 46 - 45 N Long 99 - 37 - 52 E

Location : on left bank at Ban Hai

	Ban Hai	Amphoe Chae Hom	Changwat Lampang
Drainage Area	1,392 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+304.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10.00 meters from the top staff gage.	Elevation	+310.113 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1995 to date		
Rating Operation			
Period of Rating	1995 to date		
Rated by Flot	-		
Rated by Current Meter	1995 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The pumping station is located about 150 meters upstream from the gage site. Stage-discharge relation defined by 53 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	304.95	304.88	305.06	304.98	305.21	306.69	307.18	306.78	305.38	305.05	304.87	304.76	
2	304.95	304.86	305.09	304.96	305.18	307.55	306.81	306.40	305.36	305.05	304.87	304.76	
3	304.94	304.86	305.32	304.95	305.20	307.24	306.69	306.03	305.33	305.01	304.86	304.75	
4	305.22	304.86	305.18	304.94	305.22	307.79	306.89	305.86	305.33	305.01	304.83	304.75	
5	305.16	304.88	305.40	304.94	305.20	306.95	306.71	305.76	305.32	305.01	304.84	304.75	
6	305.12	304.88	305.28	305.16	305.19	306.47	306.41	305.76	305.37	304.99	304.85	304.75	
7	305.11	304.86	305.28	305.07	305.20	306.12	306.28	305.70	305.37	305.00	304.90	304.75	
8	305.09	304.90	305.35	305.08	305.21	305.88	306.29	305.68	305.34	305.00	304.91	304.74	
9	305.07	305.08	305.39	305.03	305.19	306.25	306.45	305.67	305.34	305.00	304.86	304.74	
10	305.05	305.04	305.30	304.99	305.17	307.52	306.19	305.85	305.32	304.99	304.85	304.75	
11	305.03	305.02	305.23	304.98	305.15	307.75	306.02	305.75	305.32	305.01	304.84	304.74	
12	305.01	305.01	305.15	305.00	305.15	307.46	305.93	305.73	305.27	305.00	304.85	304.74	
13	304.98	304.98	305.13	305.11	307.35	306.82	305.86	306.26	305.25	304.97	304.85	304.73	
14	305.03	304.99	305.16	305.14	308.65	306.47	305.82	305.79	305.23	304.98	304.83	304.73	
15	305.34	304.97	305.11	305.41	307.29	306.45	305.87	305.69	305.21	304.98	304.82	304.73	
16	305.30	304.94	305.07	305.64	306.38	306.46	306.06	305.62	305.16	304.95	304.82	304.75	
17	305.20	304.93	305.04	305.41	306.00	306.20	305.89	305.60	305.13	304.94	304.80	304.76	
18	305.14	304.88	305.00	305.27	305.98	306.05	305.78	305.57	305.14	304.92	304.80	304.75	
19	305.09	304.86	305.07	305.17	305.94	306.35	305.69	305.56	305.12	304.94	304.80	304.74	
20	305.03	304.86	305.09	305.43	305.83	308.76	305.67	305.53	305.11	304.93	304.80	304.71	
21	305.03	304.93	305.08	305.67	305.71	308.55	305.60	305.52	305.10	304.93	304.81	304.68	
22	305.02	304.90	305.11	306.05	305.63	307.83	305.57	305.51	305.10	304.88	304.81	304.66	
23	304.98	304.94	305.15	305.80	305.58	307.16	305.54	305.49	305.13	304.86	304.81	304.65	
24	304.96	304.98	305.12	305.58	305.57	307.00	305.53	305.48	305.10	304.88	304.80	304.74	
25	304.92	305.12	305.07	305.55	305.47	306.65	305.50	305.47	305.08	304.90	304.81	304.83	
26	304.91	305.08	305.05	306.29	305.64	306.39	305.52	305.45	305.09	304.89	304.80	304.82	
27	304.91	305.16	305.03	306.08	305.54	306.17	305.51	305.44	305.14	304.91	304.80	304.80	
28	304.90	305.06	305.02	305.60	305.63	307.61	305.50	305.42	305.15	304.90	304.78	304.79	
29	304.91	305.03	305.02	305.36	305.78	309.47	305.49	305.41	305.14	304.90	304.89	304.89	
30	304.90	305.02	305.00	305.27	305.94	307.74	305.61	305.40	305.11	304.90	304.89	304.74	
31		305.04		305.23	306.00		306.68		305.08	304.89		304.66	
Mean	305.04	304.96	305.14	305.33	305.75	307.06	306.02	305.71	305.21	304.95	304.83	304.75	
Max	305.34	305.16	305.40	306.29	308.65	309.47	307.18	306.78	305.38	305.05	304.91	304.89	309.47
Min	304.90	304.86	305.00	304.94	305.15	305.88	305.49	305.40	305.08	304.86	304.78	304.65	304.65
Annual Max Momentary Gage Height	309.87		m. (MSL.) ,			at 06.00 Hours ,	on Sep 29 , 2005						
Zero Gage at Bottom Elevation	304.00		m. (MSL.) ,			River Bed	302.44	m. (MSL.)					
Left Bank Elevation		311.02		m. (MSL.) ,									
Right Bank Elevation		310.92		m. (MSL.) ,		Drainage Are	1,392	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	0.54	1.30	0.92	2.15	44.60	66.00	48.20	4.70	1.25	0.51	0.22	
2	0.80	0.48	1.45	0.84	1.90	87.00	49.40	33.00	4.40	1.25	0.51	0.22	
3	0.76	0.48	3.80	0.80	2.00	69.20	44.60	19.90	3.95	1.05	0.48	0.20	
4	2.30	0.48	1.90	0.76	2.30	103.30	52.60	15.50	3.95	1.05	0.39	0.20	
5	1.80	0.54	5.00	0.76	2.00	55.00	45.40	13.00	3.80	1.05	0.42	0.20	
6	1.60	0.54	3.20	1.80	1.95	35.80	33.40	13.00	4.55	0.96	0.45	0.20	
7	1.55	0.48	3.20	1.35	2.00	22.60	28.20	11.50	4.55	1.00	0.60	0.20	
8	1.45	0.60	4.25	1.40	2.15	16.00	28.60	11.00	4.10	1.00	0.64	0.18	
9	1.35	1.40	4.85	1.15	1.95	27.00	35.00	10.75	4.10	1.00	0.48	0.18	
10	1.25	1.20	3.50	0.96	1.85	85.20	24.70	15.25	3.80	0.96	0.45	0.20	
11	1.15	1.10	2.45	0.92	1.75	100.50	19.60	12.75	3.80	1.05	0.42	0.18	
12	1.05	1.05	1.75	1.00	1.75	81.60	17.25	12.25	3.05	1.00	0.45	0.18	
13	0.92	0.92	1.65	1.55	75.25	49.80	15.50	27.40	2.75	0.88	0.45	0.16	
14	1.15	0.96	1.80	1.70	198.00	35.80	14.50	13.75	2.45	0.92	0.39	0.16	
15	4.10	0.88	1.55	5.20	71.95	35.00	15.75	11.25	2.15	0.92	0.36	0.16	
16	3.50	0.76	1.35	10.00	32.20	35.40	20.80	9.50	1.80	0.80	0.36	0.20	
17	2.00	0.72	1.20	5.20	19.00	25.00	16.25	9.00	1.65	0.76	0.30	0.22	
18	1.70	0.54	1.00	3.05	18.50	20.50	13.50	8.40	1.70	0.68	0.30	0.20	
19	1.45	0.48	1.35	1.85	17.50	31.00	11.25	8.20	1.60	0.76	0.30	0.18	
20	1.15	0.48	1.45	5.60	14.75	219.00	10.75	7.60	1.55	0.72	0.30	0.12	
21	1.15	0.72	1.40	10.75	11.75	181.00	9.00	7.40	1.50	0.72	0.33	0.08	
22	1.10	0.60	1.55	20.50	9.75	106.55	8.40	7.20	1.50	0.54	0.33	0.06	
23	0.92	0.76	1.75	14.00	8.60	65.00	7.80	6.80	1.65	0.48	0.33	0.05	
24	0.84	0.92	1.60	8.60	8.40	57.00	7.60	6.60	1.50	0.54	0.30	0.18	
25	0.68	1.60	1.35	8.00	6.40	43.00	7.00	6.40	1.40	0.60	0.33	0.39	
26	0.64	1.40	1.25	28.60	10.00	32.60	7.40	6.00	1.45	0.57	0.30	0.36	
27	0.64	1.80	1.15	21.40	7.80	24.10	7.20	5.80	1.70	0.64	0.30	0.30	
28	0.60	1.30	1.10	9.00	9.75	90.70	7.00	5.40	1.75	0.60	0.26	0.28	
29	0.64	1.15	1.10	4.40	13.50	509.80	6.80	5.20	1.70	0.60		0.57	
30	0.60	1.10	1.00	3.05	17.50	99.80	9.25	5.00	1.55	0.60		0.18	
31		1.20		2.45	19.00		44.20		1.40	0.57		0.06	
Total	39.64	27.18	61.25	177.56	593.35	2388.85	684.70	373.00	81.50	25.52	11.04	6.27	4469.86 CMSDAY
Mean	1.32	0.88	2.04	5.73	19.14	79.63	22.09	12.43	2.63	0.82	0.39	0.20	12.25 CMS
Max	4.10	1.80	5.00	28.60	198.00	509.80	66.00	48.20	4.70	1.25	0.64	0.57	509.80 CMS
Min	0.60	0.48	1.00	0.76	1.75	16.00	6.80	5.00	1.40	0.48	0.26	0.05	0.05 CMS
Runoff	3.43	2.35	5.29	15.34	51.27	206.40	59.16	32.23	7.04	2.21	0.95	0.54	386.20 MCM
Momentary Peak	740.50	CMS.	at 309.87 m. (MSL.)	at 06.00 Hours	, on Sep 29, 2005								
Runoff Yield	8.80	Liters/Second/Square KM.		Momentary Peak Yield	531.968	Liters/Second/Square KM.							

WATER YEAR : 2005

WANG RIVER BASIN

Nam Mae Soi at Ban Nong Nao , Lampang (W.17)

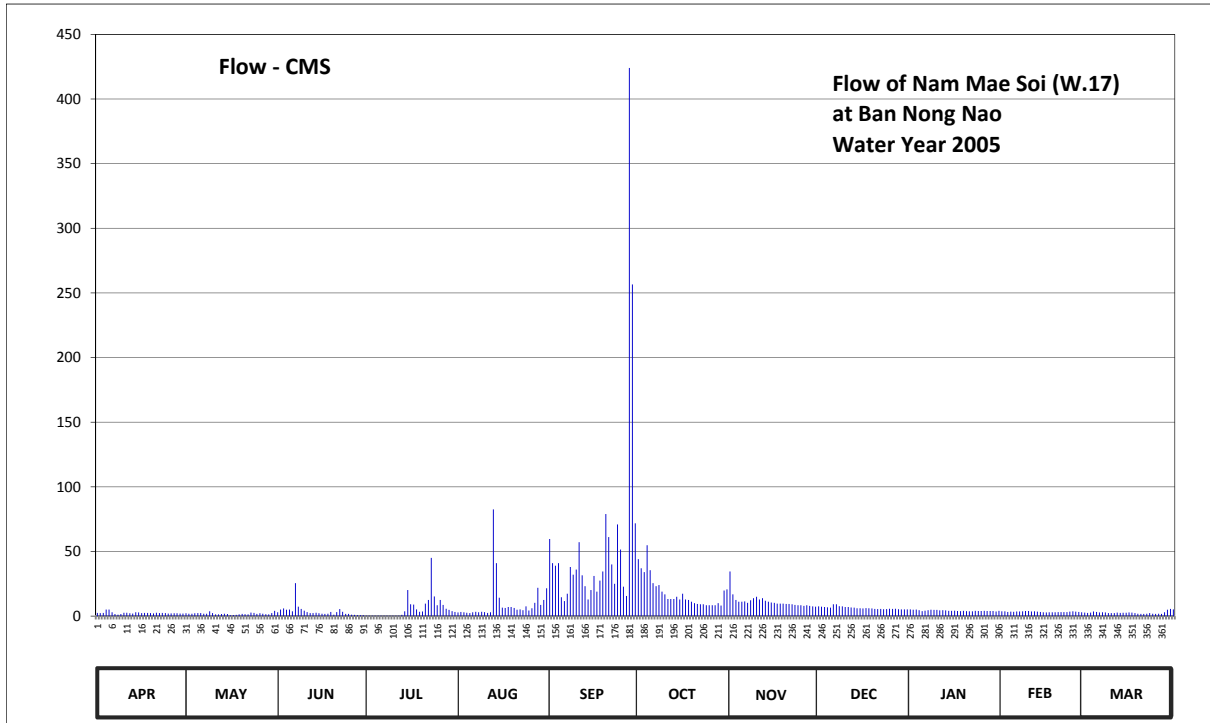
Lat 18 - 43 - 13 N Long 99 - 34 - 04 E

Location : on right at the bridge of Lampang - Wang Nua Road.

	Ban Nong Nao	Amphoe Chae Hom	Changwat Lampang
Drainage Area	726 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+292.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 21 meters from the top staff gage.	Elevation	+295.790 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1980 to date		
Rating Operation			
Period of Rating	1980 to date		
Rated by Flot	-		
Rated by Current Meter	1980 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The local weir situated about 500 meters downstream from the gage site. Stage-discharge relation defined by 56 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	291.65	291.62	291.69	291.40	291.68	293.17	292.90	292.71	292.02	291.87	291.76	291.67	
2	291.64	291.59	291.86	291.40	291.72	292.84	292.76	292.33	292.01	291.85	291.76	291.65	
3	291.65	291.59	291.92	291.39	291.69	292.80	292.70	292.21	292.00	291.86	291.72	291.67	
4	291.86	291.62	291.85	291.39	291.66	292.84	293.11	292.16	291.99	291.83	291.74	291.75	
5	291.86	291.63	291.86	291.38	291.63	292.27	292.73	292.16	291.97	291.77	291.73	291.72	
6	291.69	291.64	291.76	291.38	291.69	292.18	292.53	292.17	292.09	291.80	291.75	291.68	
7	291.56	291.59	292.53	291.38	291.73	292.34	292.48	292.13	292.09	291.83	291.75	291.70	
8	291.51	291.59	292.01	291.38	291.69	292.78	292.50	292.20	292.02	291.85	291.76	291.68	
9	291.56	291.76	291.90	291.38	291.73	292.66	292.38	292.24	292.02	291.84	291.78	291.64	
10	291.66	291.64	291.80	291.38	291.71	292.74	292.33	292.28	292.00	291.84	291.78	291.63	
11	291.66	291.54	291.71	291.39	291.65	293.14	292.23	292.22	292.00	291.82	291.75	291.63	
12	291.62	291.53	291.63	291.39	291.70	292.65	292.23	292.25	291.98	291.83	291.76	291.67	
13	291.60	291.56	291.63	291.50	293.44	292.48	292.23	292.19	291.97	291.82	291.74	291.65	
14	291.70	291.58	291.66	291.76	292.84	292.22	292.28	292.16	291.93	291.80	291.72	291.66	
15	291.68	291.56	291.62	292.41	292.26	292.41	292.22	292.14	291.93	291.79	291.70	291.66	
16	291.64	291.46	291.58	292.09	291.97	292.64	292.34	292.13	291.92	291.80	291.68	291.68	
17	291.65	291.47	291.57	292.08	291.95	292.38	292.22	292.11	291.94	291.78	291.70	291.67	
18	291.65	291.50	291.58	291.87	292.00	292.57	292.21	292.11	291.93	291.77	291.70	291.64	
19	291.64	291.53	291.72	291.73	292.00	292.71	292.16	292.11	291.92	291.79	291.70	291.59	
20	291.61	291.57	291.51	291.75	291.95	293.40	292.12	292.10	291.90	291.77	291.71	291.57	
21	291.66	291.55	291.71	292.11	291.85	293.19	292.10	292.10	291.89	291.76	291.71	291.57	
22	291.64	291.54	291.89	292.21	291.87	292.82	292.09	292.09	291.90	291.76	291.71	291.59	
23	291.65	291.67	291.73	292.92	291.83	292.52	292.09	292.07	291.88	291.79	291.71	291.63	
24	291.63	291.65	291.57	292.29	292.02	293.31	292.06	292.06	291.89	291.78	291.74	291.59	
25	291.60	291.57	291.57	292.06	291.81	293.05	292.06	292.06	291.91	291.78	291.76	291.57	
26	291.61	291.62	291.51	292.21	291.93	292.47	292.06	292.04	291.90	291.79	291.74	291.59	
27	291.62	291.59	291.49	292.07	292.13	292.30	292.06	292.06	291.91	291.78	291.72	291.57	
28	291.62	291.55	291.46	291.91	292.45	295.12	292.12	292.04	291.88	291.78	291.69	291.70	
29	291.60	291.54	291.45	291.84	292.07	294.51	292.05	292.02	291.87	291.78		291.85	
30	291.60	291.63	291.45	291.77	292.21	293.32	292.40	292.01	291.87	291.75		291.90	
31		291.79		291.72	292.44		292.42		291.87	291.79		291.87	
Mean	291.64	291.59	291.71	291.77	291.98	292.86	292.33	292.16	291.95	291.80	291.73	291.67	
Max	291.86	291.79	292.53	292.92	293.44	295.12	293.11	292.71	292.09	291.87	291.78	291.90	295.12
Min	291.51	291.46	291.45	291.38	291.63	292.18	292.05	292.01	291.87	291.75	291.68	291.57	291.38
Annual Max Momentary Gage Height	296.00		m. (MSL.) ,				at 10.00 Hours , on Sep 28 , 2005						
Zero Gage at Bottom Elevation	292.00		m. (MSL.) ,			River Bed	291.24	m. (MSL.)					
Left Bank Elevation	296.47		m. (MSL.) ,										
Right Bank Elevation	296.45		m. (MSL.) ,			Drainage Are	726	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.50	2.20	2.90	0.40	2.80	59.60	44.00	34.50	7.48	5.18	3.72	2.70	
2	2.40	1.90	5.04	0.40	3.24	41.00	37.00	16.86	7.24	4.90	3.72	2.50	
3	2.50	1.90	5.88	0.37	2.90	39.00	34.00	12.54	7.00	5.04	3.24	2.70	
4	5.04	2.20	4.90	0.37	2.60	41.00	54.80	11.08	6.86	4.62	3.48	3.60	
5	5.04	2.30	5.04	0.34	2.30	14.58	35.50	11.08	6.58	3.84	3.36	3.24	
6	2.90	2.40	3.72	0.34	2.90	11.64	25.50	11.36	9.16	4.20	3.60	2.80	
7	1.60	1.90	25.50	0.34	3.36	17.28	23.16	10.24	9.16	4.62	3.60	3.00	
8	1.10	1.90	7.24	0.34	2.90	38.00	24.00	12.20	7.72	4.90	3.72	2.80	
9	1.60	3.72	5.60	0.34	3.36	32.00	18.96	13.90	7.48	4.76	3.96	2.40	
10	2.60	2.40	4.20	0.34	3.12	36.00	16.86	14.92	7.00	4.76	3.96	2.30	
11	2.60	1.40	3.12	0.37	2.50	57.20	13.22	12.88	7.00	4.48	3.60	2.30	
12	2.20	1.30	2.30	0.37	3.00	31.50	13.22	13.90	6.72	4.62	3.72	2.70	
13	2.00	1.60	2.30	1.00	82.60	23.16	13.22	11.92	6.58	4.48	3.48	2.50	
14	3.00	1.80	2.60	3.72	41.00	12.88	14.92	11.08	6.02	4.08	3.24	2.60	
15	2.80	1.60	2.20	20.22	14.24	20.22	12.88	10.52	6.02	4.08	3.00	2.60	
16	2.40	0.76	1.80	9.16	6.58	31.00	17.28	10.24	5.88	4.20	2.80	2.80	
17	2.50	0.82	1.70	8.92	6.30	18.96	12.88	9.68	6.16	3.96	3.00	2.70	
18	2.50	1.00	1.80	5.18	7.00	27.50	12.54	9.68	6.02	3.84	3.00	2.40	
19	2.40	1.30	3.24	3.36	7.00	34.50	11.08	9.68	5.88	4.08	3.00	1.90	
20	2.10	1.70	1.10	3.60	6.30	79.00	9.96	9.40	5.60	3.84	3.12	1.70	
21	2.60	1.50	3.12	9.68	4.90	61.20	9.40	9.40	5.46	3.72	3.12	1.70	
22	2.40	1.40	5.46	12.54	5.18	40.00	9.16	9.16	5.60	3.72	3.12	1.90	
23	2.50	2.70	3.36	45.00	4.62	25.00	9.16	8.68	5.32	4.08	3.12	2.30	
24	2.30	2.50	1.70	15.26	7.48	70.90	8.44	8.44	5.46	3.96	3.48	1.90	
25	2.00	1.70	1.70	8.44	4.34	51.50	8.44	8.44	5.74	3.96	3.72	1.70	
26	2.10	2.20	1.10	12.54	6.02	22.74	8.44	7.96	5.60	4.08	3.48	1.90	
27	2.20	1.90	0.94	8.68	10.24	15.60	8.44	8.44	5.74	3.96	3.24	1.70	
28	2.20	1.50	0.76	5.74	21.90	424.00	9.96	7.96	5.32	3.96	2.90	3.00	
29	2.00	1.40	0.70	4.76	8.68	256.60	8.20	7.48	5.18	3.96		4.90	
30	2.00	2.30	0.70	3.84	12.54	71.80	19.80	7.24	5.18	3.60		5.60	
31		4.08		3.24	21.48		20.64		5.18	4.08		5.18	
Total	74.08	59.28	111.72	189.20	313.38	1705.36	565.06	340.86	197.34	131.56	94.50	84.02	3866.36 CMSDAY
Mean	2.47	1.91	3.72	6.10	10.11	56.85	18.23	11.36	6.37	4.24	3.38	2.71	10.59 CMS
Max	5.04	4.08	25.50	45.00	82.60	424.00	54.80	34.50	9.16	5.18	3.96	5.60	424.00 CMS
Min	1.10	0.76	0.70	0.34	2.30	11.64	8.20	7.24	5.18	3.60	2.80	1.70	0.34 CMS
Runoff	6.40	5.12	9.65	16.35	27.08	147.34	48.82	29.45	17.05	11.37	8.17	7.26	334.05 MCM
Momentary Peak		698.00	CMS.	at 296.00 m. (MSL.)	at 10.00 Hours ,	on Sep 28 , 2005							
Runoff Yield		14.59	Liters/Second/Square KM.		Momentary Peak Yield	961.432	Liters/Second/Square KM.						

WATER YEAR : 2005

WANG RIVER BASIN

Nam Mae Tui at Ban Tha Lo , Lampang (W.20)

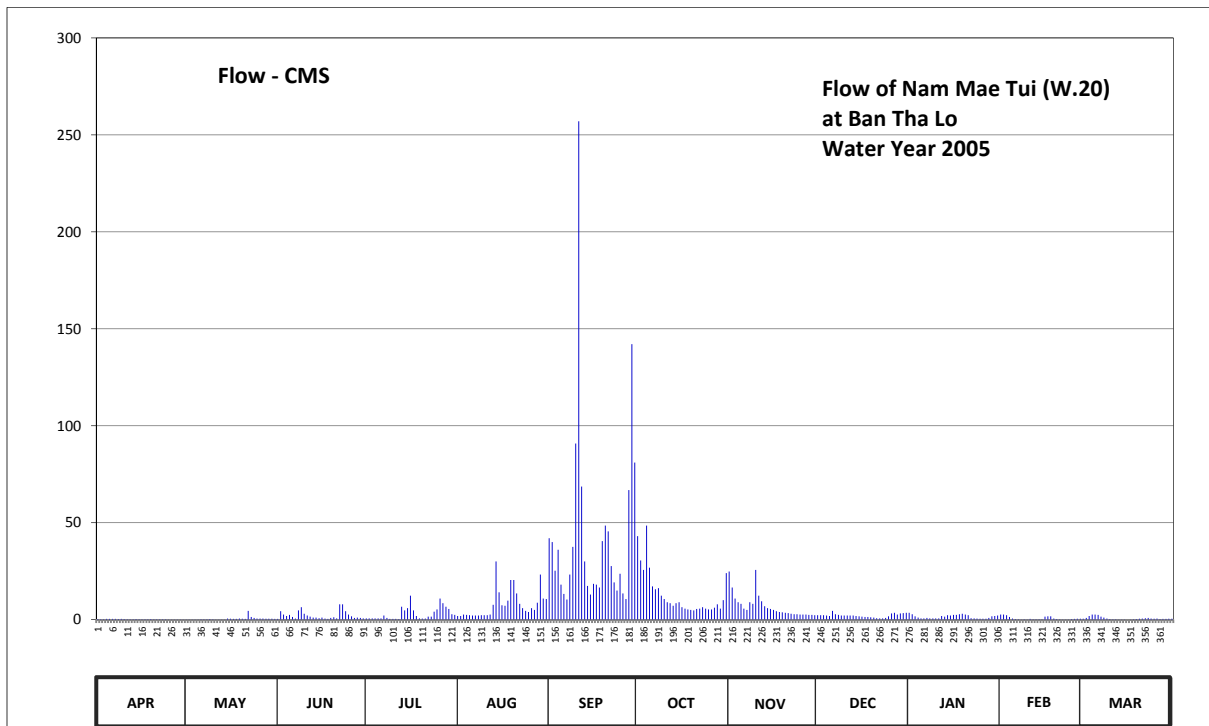
Lat 18 - 18 - 34 N Long 99 - 27 - 40 E

Location : on left bank at the bridge of Lampang - Hang Chat Highway.

	Ban Tha Lo	Amphoe Mueang	Changwat Lampang
Drainage Area	941 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+230.420 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the approach of the bridge.	Elevation	+238.130 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.		
Period of Available Gage Records	1993 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair.Flow effected by the local weir about 200 meters downstream from the gage site. Stage-discharge relation defined by 53 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	230.70	230.65	230.73	230.79	230.87	232.04	232.06	231.67	230.89	230.96	230.91	230.75	
2	230.68	230.64	231.00	230.79	230.87	232.00	231.81	231.45	230.89	230.92	230.91	230.81	
3	230.69	230.64	230.91	230.79	230.91	231.68	231.69	231.26	230.89	230.86	230.89	230.87	
4	230.72	230.65	230.87	230.79	230.90	231.92	232.17	231.19	230.88	230.82	230.84	230.91	
5	230.72	230.65	230.90	230.79	230.89	231.50	231.72	231.16	230.87	230.79	230.77	230.91	
6	230.72	230.66	230.84	230.78	230.88	231.34	231.47	231.06	231.01	230.79	230.71	230.90	
7	230.72	230.67	230.77	230.88	230.88	231.24	231.42	231.03	230.92	230.81	230.67	230.85	
8	230.71	230.66	231.02	230.81	230.88	231.63	231.44	231.19	230.90	230.78	230.65	230.82	
9	230.72	230.70	231.09	230.72	230.89	231.95	231.31	231.16	230.88	230.78	230.66	230.76	
10	230.70	230.67	230.93	230.73	230.89	232.84	231.25	231.69	230.88	230.78	230.64	230.71	
11	230.69	230.63	230.88	230.72	230.89	234.71	231.19	231.31	230.88	230.78	230.72	230.67	
12	230.67	230.64	230.85	230.71	230.91	232.51	231.17	231.21	230.88	230.87	230.69	230.66	
13	230.67	230.65	230.82	231.10	231.14	231.80	231.12	231.11	230.88	230.85	230.67	230.63	
14	230.71	230.65	230.82	231.02	231.80	231.48	231.17	231.07	230.87	230.89	230.67	230.62	
15	230.69	230.77	230.80	231.07	231.37	231.33	231.19	231.05	230.86	230.88	230.69	230.62	
16	230.68	230.75	230.82	231.31	231.13	231.51	231.09	231.03	230.85	230.90	230.85	230.60	
17	230.67	230.73	230.76	231.02	231.12	231.50	231.06	231.00	230.84	230.90	230.86	230.62	
18	230.66	230.73	230.73	230.87	231.22	231.45	231.04	230.98	230.84	230.92	230.86	230.67	
19	230.70	230.76	230.81	230.79	231.56	232.01	231.03	230.97	230.83	230.93	230.76	230.71	
20	230.68	230.74	230.83	230.77	231.56	232.17	231.02	230.96	230.82	230.91	230.71	230.74	
21	230.67	230.73	230.79	230.76	231.35	232.11	231.05	230.95	230.80	230.89	230.67	230.77	
22	230.67	231.01	231.15	230.85	231.16	231.74	231.06	230.93	230.79	230.80	230.65	230.80	
23	230.66	230.84	231.15	230.85	231.07	231.53	231.09	230.92	230.79	230.78	230.65	230.81	
24	230.66	230.81	231.00	230.99	231.01	231.40	231.06	230.92	230.81	230.77	230.63	230.77	
25	230.64	230.77	230.91	231.04	230.98	231.64	231.04	230.91	230.86	230.75	230.71	230.75	
26	230.65	230.77	230.86	231.26	231.07	231.35	231.04	230.91	230.94	230.75	230.72	230.76	
27	230.65	230.77	230.81	231.17	231.03	231.25	231.08	230.91	230.96	230.74	230.75	230.71	
28	230.65	230.75	230.82	231.10	231.18	232.48	231.15	230.90	230.91	230.81	230.75	230.72	
29	230.65	230.75	230.81	231.05	231.63	233.49	231.06	230.90	230.94	230.86		230.72	
30	230.65	230.75	230.79	230.92	231.26	232.70	231.23	230.89	230.95	230.87		230.75	
31		230.73		230.90	231.25		231.65		230.96	230.88		230.74	
Mean	230.68	230.72	230.88	230.91	231.11	231.94	231.29	231.09	230.88	230.84	230.74	230.75	
Max	230.72	231.01	231.15	231.31	231.80	234.71	232.17	231.69	231.01	230.96	230.91	230.91	234.71
Min	230.64	230.63	230.73	230.71	230.87	231.24	231.02	230.89	230.79	230.74	230.63	230.60	230.60
Annual Max Momentary Gage Height	235.16		m. (MSL.) ,				at 12.00 Hours ,						on Sep 11 , 2005
Zero Gage at Bottom Elevation	230.42		m. (MSL.) ,			River Bed	230.23		m. (MSL.)				
Left Bank Elevation		239.07		m. (MSL.) ,									
Right Bank Elevation		238.05		m. (MSL.) ,		Drainage Are	941		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.25	0.15	0.38	0.65	1.89	42.00	43.00	24.80	2.23	3.54	2.59	0.48	
2	0.21	0.13	4.30	0.65	1.89	40.00	30.50	16.50	2.23	2.78	2.59	0.87	
3	0.23	0.13	2.59	0.65	2.59	25.20	25.60	10.88	2.23	1.72	2.23	1.89	
4	0.34	0.15	1.89	0.65	2.40	36.00	48.50	8.94	2.06	1.04	1.38	2.59	
5	0.34	0.15	2.40	0.65	2.23	18.00	26.80	8.16	1.89	0.65	0.57	2.59	
6	0.34	0.17	1.38	0.61	2.06	13.20	17.10	5.68	4.53	0.65	0.30	2.40	
7	0.34	0.19	0.57	2.06	2.06	10.32	15.60	4.99	2.78	0.87	0.19	1.55	
8	0.30	0.17	4.76	0.87	2.06	23.20	16.20	8.94	2.40	0.61	0.15	1.04	
9	0.34	0.25	6.37	0.34	2.23	37.50	12.30	8.16	2.06	0.61	0.17	0.52	
10	0.25	0.19	2.97	0.38	2.23	90.80	10.60	25.60	2.06	0.61	0.13	0.30	
11	0.23	0.11	2.06	0.34	2.23	257.00	8.94	12.30	2.06	0.61	0.34	0.19	
12	0.19	0.13	1.55	0.30	2.59	68.60	8.42	9.48	2.06	1.89	0.23	0.17	
13	0.19	0.15	1.04	6.60	7.64	30.00	7.12	6.86	2.06	1.55	0.19	0.11	
14	0.30	0.15	1.04	4.76	30.00	17.40	8.42	5.91	1.89	2.23	0.19	0.09	
15	0.23	0.57	0.70	5.91	14.10	12.90	8.94	5.45	1.72	2.06	0.23	0.09	
16	0.21	0.48	1.04	12.30	7.38	18.40	6.37	4.99	1.55	2.40	1.55	0.05	
17	0.19	0.38	0.52	4.76	7.12	18.00	5.68	4.30	1.38	2.40	1.72	0.09	
18	0.17	0.38	0.38	1.89	9.76	16.50	5.22	3.92	1.38	2.78	1.72	0.19	
19	0.25	0.52	0.87	0.65	20.40	40.50	4.99	3.73	1.21	2.97	0.52	0.30	
20	0.21	0.43	1.21	0.57	20.40	48.50	4.76	3.54	1.04	2.59	0.30	0.43	
21	0.19	0.38	0.65	0.52	13.50	45.50	5.45	3.35	0.70	2.23	0.19	0.57	
22	0.19	4.53	7.90	1.55	8.16	27.60	5.68	2.97	0.65	0.70	0.15	0.70	
23	0.17	1.38	7.90	1.55	5.91	19.20	6.37	2.78	0.65	0.61	0.15	0.87	
24	0.17	0.87	4.30	4.11	4.53	15.00	5.68	2.78	0.87	0.57	0.11	0.57	
25	0.13	0.57	2.59	5.22	3.92	23.60	5.22	2.59	1.72	0.48	0.30	0.48	
26	0.15	0.57	1.72	10.88	5.91	13.50	5.22	2.59	3.16	0.48	0.34	0.52	
27	0.15	0.57	0.87	8.42	4.99	10.60	6.14	2.59	3.54	0.43	0.48	0.30	
28	0.15	0.48	1.04	6.60	8.68	66.80	7.90	2.40	2.59	0.87	0.48	0.34	
29	0.15	0.48	0.87	5.45	23.20	142.10	5.68	2.40	3.16	1.72		0.34	
30	0.15	0.48	0.65	2.78	10.88	81.00	10.04	2.23	3.35	1.89		0.48	
31		0.38		2.40	10.60		24.00		3.54	2.06		0.43	
Total	6.71	15.67	66.51	95.07	243.54	1308.92	402.44	209.81	64.75	46.60	19.49	21.54	2501.05 CMSDAY
Mean	0.22	0.51	2.22	3.07	7.86	43.63	12.98	6.99	2.09	1.50	0.70	0.69	6.85 CMS
Max	0.34	4.53	7.90	12.30	30.00	257.00	48.50	25.60	4.53	3.54	2.59	2.59	257.00 CMS
Min	0.13	0.11	0.38	0.30	1.89	10.32	4.76	2.23	0.65	0.43	0.11	0.05	0.05 CMS
Runoff	0.58	1.35	5.75	8.21	21.04	113.09	34.77	18.13	5.59	4.03	1.68	1.86	216.09 MCM
Momentary Peak		302.00 CMS.											at 235.16 m. (MSL.) at 12.00 Hours , on Sep 11 , 2005
Runoff Yield		7.28											Liters/Second/Square KM. Momentary Peak Yield 320.935 Liters/Second/Square KM.

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Tha Dua , Lampang (W.21)

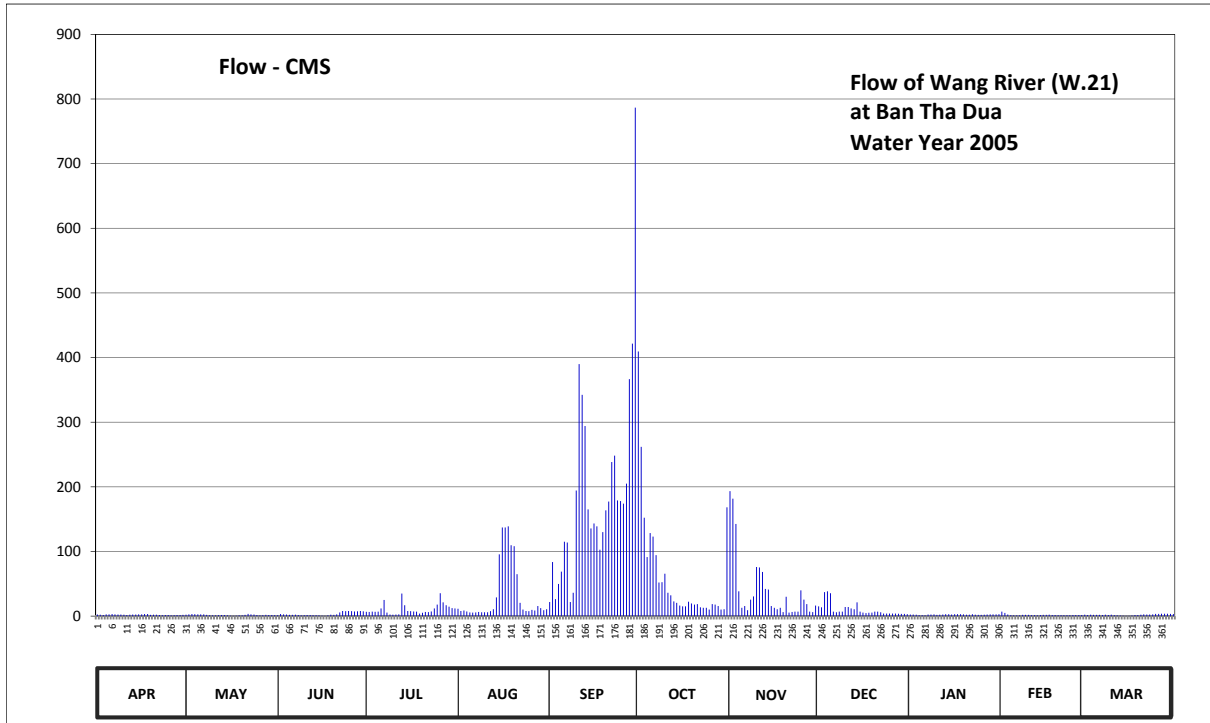
Lat 18 - 20 - 18 N Long 99 - 32 - 27 E

Location : on left bank at the bridge on highway.

	Ban	Tha Dua	Amphoe	Mueang	Changwat	Lampang
Drainage Area	3,367	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+232.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 5 meters from the top staff gage.				Elevation	+236.495 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.					
Period of Available Gage Records	1999 to date					
Rating Operation						
Period of Rating	1999 to date					
Rated by Flot	-					
Rated by Current Meter	1999 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 56 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	231.84	231.81	231.75	232.13	232.26	232.45	237.07	234.97	232.33	231.85	232.14	231.81	
2	231.83	231.87	231.91	232.12	232.19	233.51	235.72	234.84	232.30	231.85	232.05	231.78	
3	231.78	231.93	231.86	232.14	232.21	232.53	234.47	234.34	232.73	231.82	231.85	231.83	
4	231.87	231.90	231.84	232.13	232.16	232.96	233.62	232.75	232.75	231.75	231.75	231.80	
5	231.88	231.87	231.80	232.15	232.08	233.29	234.15	232.29	232.70	231.75	231.72	231.79	
6	231.91	231.88	231.79	232.27	232.07	233.96	234.07	232.34	232.15	231.73	231.72	231.80	
7	231.88	231.86	231.81	232.51	232.08	233.94	233.66	232.22	232.10	231.84	231.72	231.76	
8	231.85	231.80	231.77	232.07	232.12	232.45	233.00	232.52	232.15	231.84	231.80	231.81	
9	231.84	231.75	231.73	231.85	232.10	232.71	233.01	232.61	232.15	231.87	231.80	231.78	
10	231.82	231.72	231.75	231.83	232.09	234.98	233.24	233.40	232.31	231.80	231.79	231.83	
11	231.78	231.71	231.76	231.84	232.10	236.92	232.71	233.39	232.31	231.83	231.75	231.75	
12	231.83	231.74	231.76	231.86	232.18	236.49	232.64	233.28	232.27	231.85	231.74	231.72	
13	231.84	231.77	231.75	232.69	232.25	236.03	232.47	232.82	232.25	231.90	231.73	231.70	
14	231.84	231.76	231.74	232.36	232.58	234.64	232.43	232.80	232.44	231.89	231.78	231.67	
15	231.87	231.72	231.71	232.19	233.68	234.25	232.35	232.34	232.15	231.85	231.79	231.66	
16	231.88	231.68	231.68	232.18	234.27	234.35	232.33	232.29	232.07	231.90	231.80	231.66	
17	231.91	231.64	231.66	232.16	234.27	234.29	232.33	232.25	232.03	231.89	231.82	231.70	
18	231.91	231.68	231.73	232.14	234.29	233.78	232.46	232.29	232.06	231.89	231.78	231.76	
19	231.80	231.72	231.82	232.00	233.88	234.17	232.41	232.11	232.07	231.87	231.77	231.76	
20	231.81	231.71	231.79	232.06	233.86	234.62	232.38	232.60	232.14	231.82	231.74	231.83	
21	231.81	231.79	231.87	232.12	233.23	234.79	232.39	232.07	232.15	231.82	231.74	231.88	
22	231.77	231.95	232.08	232.11	232.43	235.47	232.30	232.12	232.10	231.90	231.75	231.84	
23	231.75	231.86	232.19	232.16	232.24	235.58	232.29	232.15	232.00	231.82	231.75	231.85	
24	231.77	231.84	232.18	232.27	232.20	234.81	232.29	232.15	232.00	231.80	231.75	231.87	
25	231.76	231.76	232.19	232.38	232.18	234.80	232.24	232.78	232.00	231.80	231.77	231.95	
26	231.73	231.71	232.18	232.70	232.23	234.75	232.39	232.52	232.00	231.82	231.77	231.95	
27	231.74	231.75	232.16	232.44	232.21	235.10	232.38	232.39	232.00	231.85	231.78	231.96	
28	231.76	231.80	232.17	232.36	232.34	236.72	232.34	232.15	231.97	231.86	231.77	231.97	
29	231.78	231.76	232.19	232.32	232.28	237.16	232.24	232.11	231.95	231.87		231.96	
30	231.80	231.76	232.17	232.28	232.22	239.22	232.25	232.35	231.94	231.87		231.94	
31		231.75		232.27	232.25		234.68		231.90	231.89		231.93	
Mean	231.82	231.78	231.89	232.20	232.60	234.69	233.04	232.71	232.18	231.84	231.79	231.82	
Max	231.91	231.95	232.19	232.70	234.29	239.22	237.07	234.97	232.75	231.90	232.14	231.97	239.22
Min	231.73	231.64	231.66	231.83	232.07	232.45	232.24	232.07	231.90	231.73	231.72	231.66	231.64
Annual Max Momentary Gage Height	237.83		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	232.00		m. (MSL.) ,			River Bed	231.33		m. (MSL.)				
Left Bank Elevation	239.83		m. (MSL.) ,										
Right Bank Elevation	240.73		m. (MSL.) ,			Drainage Are	3,367		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.40	2.10	1.50	6.60	11.30	21.75	409.45	193.30	15.15	2.50	6.80	2.10	
2	2.30	2.70	3.10	6.40	7.80	83.70	262.00	181.60	13.50	2.50	5.00	1.80	
3	1.80	3.30	2.60	6.80	8.55	26.15	152.25	142.50	37.15	2.20	2.50	2.30	
4	2.70	3.00	2.40	6.60	7.20	49.80	91.40	38.25	38.25	1.50	1.50	2.00	
5	2.80	2.70	2.00	7.00	5.60	68.85	128.50	12.95	35.50	1.50	1.20	1.90	
6	3.10	2.80	1.90	11.85	5.40	115.20	122.90	15.70	7.00	1.30	1.20	2.00	
7	2.80	2.60	2.10	25.05	5.60	113.80	94.20	9.10	6.00	2.40	1.20	1.60	
8	2.50	2.00	1.70	5.40	6.40	21.75	52.00	25.60	7.00	2.40	2.00	2.10	
9	2.40	1.50	1.30	2.50	6.00	36.05	52.55	30.55	7.00	2.70	2.00	1.80	
10	2.20	1.20	1.50	2.30	5.80	194.20	65.60	76.00	14.05	2.00	1.90	2.30	
11	1.80	1.10	1.60	2.40	6.00	390.00	36.05	75.35	14.05	2.30	1.50	1.50	
12	2.30	1.40	1.60	2.60	7.60	342.45	32.20	68.20	11.85	2.50	1.40	1.20	
13	2.40	1.70	1.50	34.95	10.75	294.15	22.85	42.10	10.75	3.00	1.30	1.00	
14	2.40	1.60	1.40	16.80	28.90	165.20	20.65	41.00	21.20	2.90	1.80	0.70	
15	2.70	1.20	1.10	7.80	95.60	135.75	16.25	15.70	7.00	2.50	1.90	0.60	
16	2.80	0.80	0.80	7.60	137.25	143.25	15.15	12.95	5.40	3.00	2.00	0.60	
17	3.10	0.40	0.60	7.20	137.25	138.75	15.15	10.75	4.60	2.90	2.20	1.00	
18	3.10	0.80	1.30	6.80	138.75	102.60	22.30	12.95	5.20	2.90	1.80	1.60	
19	2.00	1.20	2.20	4.00	109.60	129.90	19.55	6.20	5.40	2.70	1.70	1.60	
20	2.10	1.10	1.90	5.20	108.20	163.60	17.90	30.00	6.80	2.20	1.40	2.30	
21	2.10	1.90	2.70	6.40	64.95	177.20	18.45	5.40	7.00	2.20	1.40	2.80	
22	1.70	3.50	5.60	6.20	20.65	238.30	13.50	6.40	6.00	3.00	1.50	2.40	
23	1.50	2.60	7.80	7.20	10.20	248.20	12.95	7.00	4.00	2.20	1.50	2.50	
24	1.70	2.40	7.60	11.85	8.00	178.90	12.95	7.00	4.00	2.00	1.50	2.70	
25	1.60	1.60	7.80	17.90	7.60	178.00	10.20	39.90	4.00	2.00	1.70	3.50	
26	1.30	1.10	7.60	35.50	9.65	174.00	18.45	25.60	4.00	2.20	1.70	3.50	
27	1.40	1.50	7.20	21.20	8.55	205.00	17.90	18.45	4.00	2.50	1.80	3.60	
28	1.60	2.00	7.40	16.80	15.70	366.60	15.70	7.00	3.70	2.60	1.70	3.70	
29	1.80	1.60	7.80	14.60	12.40	421.60	10.20	6.20	3.50	2.70		3.60	
30	2.00	1.60	7.40	12.40	9.10	786.80	10.75	16.25	3.40	2.70		3.40	
31		1.50		11.85	10.75		168.40		3.00	2.90		3.30	
Total	66.40	56.50	103.00	337.75	1027.10	5711.50	1958.35	1179.95	319.45	74.90	55.10	67.00	10957.00 CMSDAY
Mean	2.21	1.82	3.43	10.90	33.13	190.38	63.17	39.33	10.30	2.42	1.97	2.16	30.02 CMS
Max	3.10	3.50	7.80	35.50	138.75	786.80	409.45	193.30	38.25	3.00	6.80	3.70	786.80 CMS
Min	1.30	0.40	0.60	2.30	5.40	21.75	10.20	5.40	3.00	1.30	1.20	0.60	0.40 CMS
Runoff	5.74	4.88	8.90	29.18	88.74	493.47	169.20	101.95	27.60	6.47	4.76	5.79	946.69 MCM
Momentary Peak	514.50 CMS. at 237.83 m. (MSL.) at 18.00 Hours , on Sep 29 , 2005												
Runoff Yield	8.92 Liters/Second/Square KM.			Momentary Peak Yield				152.807 Liters/Second/Square KM.					

WATER YEAR : 2005

WANG RIVER BASIN

Nam Mae Chang at Ban Wang Phrao , Lampang (W.22)

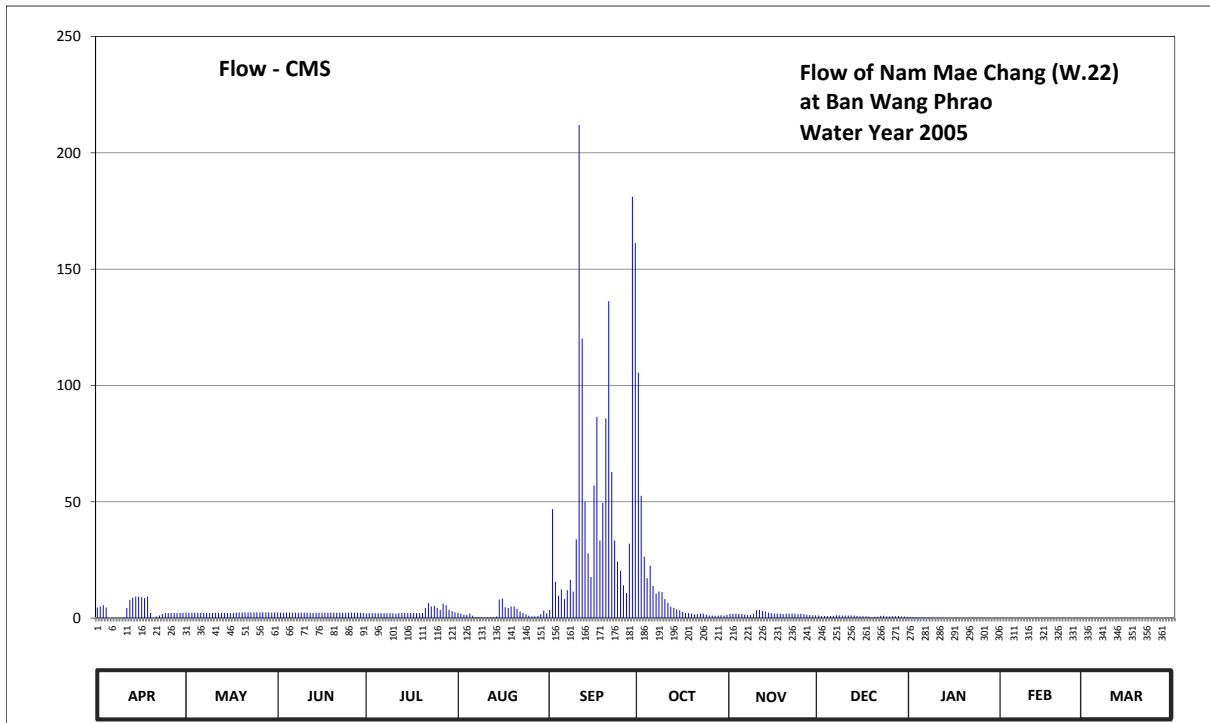
Lat 18 - 08 - 35 N Long 99 - 24 - 48 E

Location : on right bank at the bridge.

	Ban Wang Phrao	Amphoe Ko Kha	Changwat Lampang
Drainage Area	1,549 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+215.161 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the approach of the bridge.	Elevation	+221.226 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings.		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 45 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	216.20	215.98	216.00	215.94	215.97	216.10	218.52	215.91	215.81	215.70	216.24	216.22	
2	216.23	215.98	215.98	215.95	215.92	217.53	217.65	215.91	215.78	215.69	216.24	216.22	
3	216.26	215.98	215.98	215.95	215.86	216.72	217.04	215.92	215.78	215.66	216.24	216.22	
4	216.20	215.98	215.99	215.95	215.85	216.48	216.77	215.90	215.78	215.87	216.24	216.22	
5	215.50	215.97	215.99	215.95	215.93	216.61	216.93	215.90	215.78	216.26	216.24	216.22	
6	215.56	215.97	215.98	215.95	215.80	216.41	216.66	215.87	215.80	216.26	216.24	216.22	
7	215.56	215.97	215.98	215.95	215.67	216.60	216.53	215.85	215.83	216.28	216.24	216.22	
8	215.57	215.97	215.98	215.95	215.67	216.75	216.57	215.85	215.82	216.26	216.24	216.22	
9	215.58	215.97	215.98	215.95	215.66	216.57	216.56	215.91	215.81	216.25	216.24	216.22	
10	215.65	215.97	215.98	215.94	215.66	217.24	216.41	216.08	215.81	216.24	216.24	216.22	
11	216.18	215.97	215.98	215.92	215.66	219.79	216.32	216.10	215.81	216.24	216.24	216.22	
12	216.39	215.97	215.98	215.95	215.66	218.73	216.22	216.05	215.81	216.26	216.26	216.21	
13	216.44	215.97	215.96	215.98	215.69	217.60	216.19	216.04	215.81	216.27	216.24	216.21	
14	216.46	215.97	215.97	215.96	215.74	217.08	216.12	215.98	215.79	216.27	216.22	216.21	
15	216.46	215.96	215.98	215.96	216.40	216.79	216.09	215.95	215.77	216.24	216.22	216.21	
16	216.45	215.96	215.98	215.96	216.42	217.74	216.02	215.93	215.76	216.25	216.23	216.21	
17	216.43	215.97	215.98	215.96	216.21	218.25	215.97	215.92	215.76	216.34	216.22	216.21	
18	216.46	215.99	215.98	215.95	216.18	217.23	215.95	215.92	215.74	216.32	216.21	216.21	
19	215.96	216.00	215.98	215.95	216.23	217.59	215.92	215.90	215.66	216.24	216.21	216.21	
20	215.57	216.00	215.98	215.96	216.23	218.24	215.88	215.92	215.72	216.22	216.19	216.21	
21	215.73	216.00	215.98	216.18	216.15	218.95	215.90	215.92	215.72	216.24	216.21	216.20	
22	215.81	216.00	215.98	216.31	216.04	217.85	215.93	215.92	215.79	216.23	216.21	216.20	
23	215.90	216.00	215.98	216.23	215.96	217.23	215.92	215.92	215.80	216.24	216.21	216.20	
24	215.95	216.00	215.98	216.24	215.88	216.98	215.87	215.89	215.75	216.24	216.21	216.20	
25	215.96	216.00	215.98	216.18	215.80	216.87	215.82	215.92	215.75	216.26	216.21	216.20	
26	215.96	216.00	215.98	216.10	215.76	216.67	215.81	215.90	215.76	216.24	216.21	216.20	
27	215.97	216.00	215.98	216.30	215.75	216.54	215.80	215.86	215.77	216.24	216.21	216.20	
28	215.96	216.00	215.98	216.26	215.78	217.20	215.81	215.84	215.78	216.24	216.22	216.21	
29	215.96	216.00	215.97	216.11	215.89	219.49	215.83	215.82	215.75	216.25	216.24	216.21	
30	215.97	215.99	215.96	216.05	216.07	219.26	215.81	215.82	215.73	216.24	216.24	216.21	
31		215.99		216.00	215.94		215.85		215.71	216.24		216.21	
Mean	216.01	215.98	215.98	216.03	215.92	217.44	216.28	215.92	215.77	216.19	216.23	216.21	
Max	216.46	216.00	216.00	216.31	216.42	219.79	218.52	216.10	215.83	216.34	216.26	216.22	219.79
Min	215.50	215.96	215.96	215.92	215.66	216.10	215.80	215.82	215.66	215.66	216.19	216.20	215.50
Annual Max Momentary Gage Height	220.20		m. (MSL.) ,			at 09.00 Hours ,	on Sep 11 , 2005						
Zero Gage at Bottom Elevation	215.16		m. (MSL.) ,			River Bed	214.36	m. (MSL.)					
Left Bank Elevation	221.16		m. (MSL.) ,										
Right Bank Elevation	221.36		m. (MSL.) ,			Drainage Are	1,549	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.50	2.35	2.50	2.05	2.28	3.50	105.40	1.83	1.07	0.50	0.01	0.00	
2	5.02	2.35	2.35	2.12	1.90	46.85	52.50	1.83	0.90	0.46	0.01	0.00	
3	5.55	2.35	2.35	2.12	1.45	15.60	26.40	1.90	0.90	0.34	0.01	0.00	
4	4.50	2.35	2.43	2.12	1.38	9.60	17.10	1.75	0.90	0.30	0.01	0.00	
5	0.00	2.28	2.43	2.12	1.97	12.30	22.55	1.75	0.90	0.27	0.01	0.00	
6	0.06	2.28	2.35	2.12	1.00	8.20	13.80	1.52	1.00	0.24	0.01	0.00	
7	0.06	2.28	2.35	2.12	0.38	12.00	10.60	1.38	1.22	0.22	0.01	0.00	
8	0.07	2.28	2.35	2.12	0.38	16.50	11.40	1.38	1.15	0.20	0.01	0.00	
9	0.08	2.28	2.35	2.12	0.34	11.40	11.20	1.83	1.07	0.17	0.01	0.00	
10	0.30	2.28	2.35	2.05	0.34	33.80	8.20	3.30	1.07	0.16	0.01	0.00	
11	4.30	2.28	2.35	1.90	0.34	211.90	6.60	3.50	1.07	0.14	0.00	0.00	
12	7.83	2.28	2.35	2.12	0.34	120.10	4.85	3.00	1.07	0.13	0.00	0.00	
13	8.80	2.28	2.20	2.35	0.46	50.00	4.40	2.90	1.07	0.11	0.00	0.00	
14	9.20	2.28	2.28	2.20	0.70	27.80	3.70	2.35	0.95	0.10	0.00	0.00	
15	9.20	2.20	2.35	2.20	8.00	17.70	3.40	2.12	0.85	0.09	0.00	0.00	
16	9.00	2.20	2.35	2.20	8.40	57.00	2.70	1.97	0.80	0.08	0.00	0.00	
17	8.60	2.28	2.35	2.20	4.68	86.50	2.28	1.90	0.80	0.07	0.00	0.00	
18	9.20	2.43	2.35	2.12	4.30	33.35	2.12	1.90	0.70	0.06	0.00	0.00	
19	2.20	2.50	2.35	2.12	5.02	49.55	1.90	1.75	0.34	0.06	0.00	0.00	
20	0.07	2.50	2.35	2.20	5.02	85.80	1.60	1.90	0.60	0.05	0.00	0.00	
21	0.65	2.50	2.35	4.30	4.00	136.25	1.75	1.90	0.60	0.05	0.00	0.00	
22	1.07	2.50	2.35	6.43	2.90	62.75	1.97	1.90	0.95	0.04	0.00	0.00	
23	1.75	2.50	2.35	5.02	2.20	33.35	1.90	1.90	1.00	0.04	0.00	0.00	
24	2.12	2.50	2.35	5.20	1.60	24.30	1.52	1.67	0.75	0.03	0.00	0.00	
25	2.20	2.50	2.35	4.30	1.00	20.45	1.15	1.90	0.75	0.03	0.00	0.00	
26	2.20	2.50	2.35	3.50	0.80	14.10	1.07	1.75	0.80	0.03	0.00	0.00	
27	2.28	2.50	2.35	6.25	0.75	10.80	1.00	1.45	0.85	0.02	0.00	0.00	
28	2.20	2.50	2.35	5.55	0.90	32.00	1.07	1.30	0.90	0.02	0.00	0.00	
29	2.20	2.50	2.28	3.60	1.67	181.10	1.22	1.15	0.75	0.02	0.00	0.00	
30	2.28	2.43	2.20	3.00	3.20	161.10	1.07	1.15	0.65	0.02	0.00	0.00	
31		2.43		2.50	2.05		1.38		0.55	0.02		0.00	
Total	107.49	73.67	70.37	92.32	69.75	1585.65	327.80	57.83	26.98	4.07	0.10	0.00	2416.03 CMSDAY
Mean	3.58	2.38	2.35	2.98	2.25	52.85	10.57	1.93	0.87	0.13	0.00	0.00	6.62 CMS
Max	9.20	2.50	2.50	6.43	8.40	211.90	105.40	3.50	1.22	0.50	0.01	0.00	211.90 CMS
Min	0.00	2.20	2.20	1.90	0.34	3.50	1.00	1.15	0.34	0.02	0.00	0.00	0.00 CMS
Runoff	9.29	6.37	6.08	7.98	6.03	137.00	28.32	5.00	2.33	0.35	0.01	0.00	208.75 MCM
Momentary Peak	264.67 CMS. at 220.20 m. (MSL.) at 09.00 Hours , on Sep 11 , 2005												
Runoff Yield	4.27 Liters/Second/Square KM.			Momentary Peak Yield			170.865 Liters/Second/Square KM.						

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Chiang Rai , Tak (W.23)

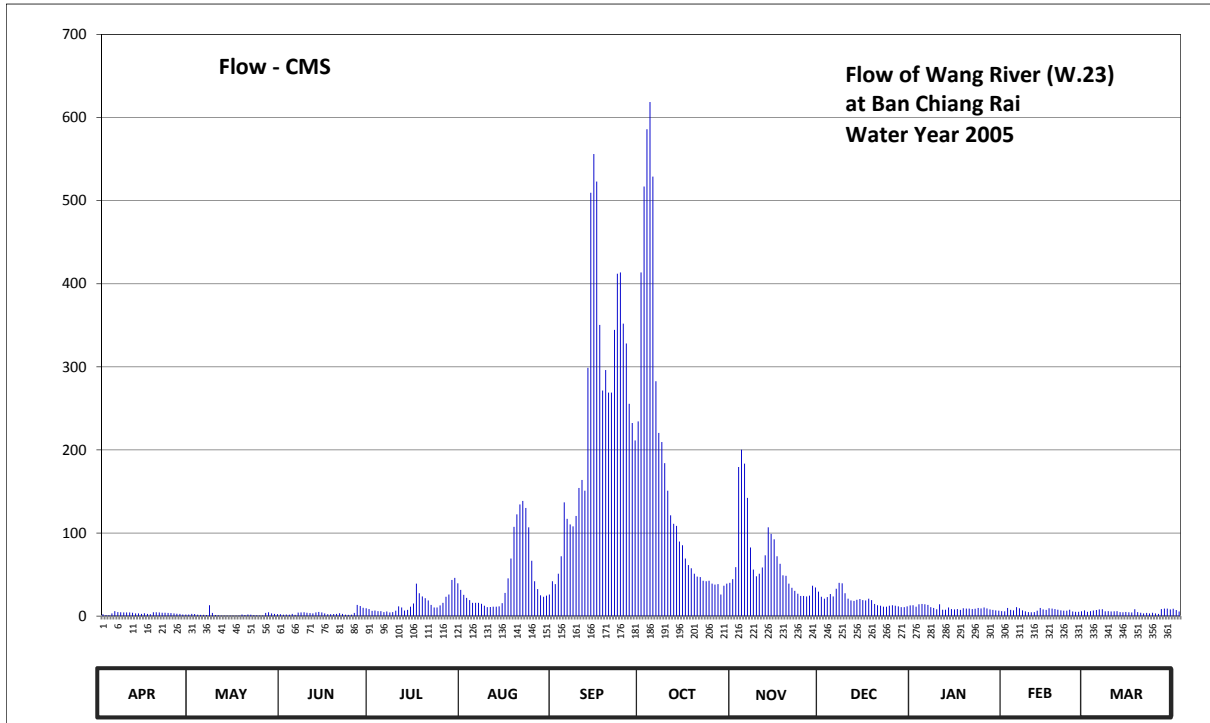
Lat 17 - 22 - 01 N Long 99 - 06 - 55 E

Location : on left bank at Amphoe Sam Ngao.

	Ban Chiang Rai	Amphoe Sam Ngao	Changwat Tak
Drainage Area	9,930 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+141.291 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+148.271 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 45 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	141.62	141.65	141.56	141.85	142.39	142.65	148.30	143.06	142.29	142.04	141.99	141.84	
2	141.49	141.63	141.59	141.87	142.31	142.90	148.67	145.10	142.33	142.12	141.90	141.87	
3	141.46	141.57	141.55	141.84	142.25	143.31	148.83	145.42	142.41	142.13	141.88	141.89	
4	141.68	141.54	141.65	141.84	142.17	144.43	148.38	145.16	142.35	142.12	142.02	141.92	
5	141.84	141.53	141.53	141.79	142.17	144.10	146.56	144.52	142.54	142.10	141.98	141.93	
6	141.79	141.50	141.75	141.82	142.17	143.99	145.72	143.50	142.68	142.02	141.88	141.83	
7	141.78	142.09	141.76	141.76	142.14	143.95	145.56	143.00	142.67	141.99	141.83	141.84	
8	141.76	141.72	141.78	141.79	142.07	144.16	145.17	142.84	142.43	141.93	141.79	141.82	
9	141.76	141.52	141.73	141.86	142.02	144.71	144.66	142.90	142.29	142.12	141.78	141.83	
10	141.76	141.45	141.71	142.05	142.03	144.86	144.17	143.05	142.24	141.91	141.79	141.84	
11	141.73	141.42	141.68	142.01	142.04	144.66	144.00	143.33	142.23	141.91	141.86	141.79	
12	141.69	141.40	141.76	141.87	142.04	146.75	143.96	143.93	142.26	142.01	141.99	141.78	
13	141.68	141.40	141.80	141.90	142.05	148.25	143.63	143.80	142.28	141.94	141.92	141.80	
14	141.65	141.40	141.76	142.04	142.16	148.52	143.55	143.68	142.25	141.92	141.90	141.78	
15	141.70	141.40	141.69	142.15	142.44	148.34	143.26	143.31	142.24	141.94	141.98	141.76	
16	141.65	141.40	141.62	142.66	142.79	147.19	143.11	143.14	142.29	141.90	141.96	141.93	
17	141.62	141.41	141.62	142.43	143.26	146.43	143.03	142.86	142.25	141.98	141.94	141.79	
18	141.77	141.59	141.63	142.35	143.94	146.72	142.90	142.85	142.13	141.96	141.91	141.73	
19	141.78	141.51	141.64	142.30	144.19	146.40	142.83	142.66	142.09	141.96	141.88	141.69	
20	141.76	141.58	141.70	142.24	144.39	146.40	142.82	142.56	142.07	141.94	141.86	141.72	
21	141.74	141.55	141.64	142.10	144.46	147.15	142.73	142.49	142.04	141.95	141.86	141.69	
22	141.74	141.49	141.56	142.01	144.32	147.60	142.72	142.42	142.04	141.99	141.91	141.73	
23	141.72	141.45	141.54	142.01	143.93	147.61	142.73	142.36	142.07	141.97	141.82	141.68	
24	141.71	141.44	141.55	142.08	143.21	147.20	142.66	142.36	142.09	142.01	141.81	141.65	
25	141.68	141.43	141.72	142.17	142.72	147.04	142.64	142.35	142.07	141.97	141.81	141.94	
26	141.66	141.72	142.10	142.34	142.53	146.22	142.65	142.37	142.05	141.92	141.83	141.96	
27	141.64	141.78	142.06	142.40	142.38	145.89	142.40	142.61	142.02	141.90	141.88	141.96	
28	141.60	141.69	142.00	142.75	142.34	145.59	142.61	142.57	142.02	141.88	141.81	141.92	
29	141.59	141.64	141.98	142.80	142.37	145.92	142.66	142.47	142.05	141.86		141.95	
30	141.58	141.62	141.94	142.67	142.40	147.61	142.68	142.34	142.08	141.84		141.89	
31		141.62		142.51	142.72		142.77		142.09	141.83		141.82	
Mean	141.69	141.55	141.72	142.14	142.72	145.88	144.14	143.17	142.22	141.97	141.88	141.82	
Max	141.84	142.09	142.10	142.80	144.46	148.52	148.83	145.42	142.68	142.13	142.02	141.96	148.83
Min	141.46	141.40	141.53	141.76	142.02	142.65	142.40	142.34	142.02	141.83	141.78	141.65	141.40
Annual Max Momentary Gage Height	148.84		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	141.29		m. (MSL.) ,			River Bed	141.33		m. (MSL.)				
Left Bank Elevation	148.97		m. (MSL.) ,										
Right Bank Elevation	149.25		m. (MSL.) ,			Drainage Are	9,930		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.30	2.75	1.70	6.25	25.55	38.50	517.00	59.00	21.05	11.40	9.75	6.00		
2	1.18	2.45	1.92	6.75	21.95	51.00	586.00	179.50	22.85	14.20	7.50	6.75		
3	0.95	1.78	1.63	6.00	19.25	72.05	618.60	200.30	26.50	14.55	7.00	7.25		
4	3.20	1.55	2.75	6.00	15.95	136.80	529.00	183.40	23.75	14.20	10.70	8.00		
5	6.00	1.47	1.47	4.85	15.95	117.00	282.60	142.20	33.00	13.50	9.50	8.25		
6	4.85	1.25	4.25	5.50	15.95	110.40	220.40	82.50	40.00	10.70	7.00	5.75		
7	4.70	13.15	4.40	4.40	14.90	108.00	209.40	56.00	39.50	9.75	5.75	6.00		
8	4.40	3.80	4.70	4.85	12.45	120.60	184.05	48.00	27.50	8.25	4.85	5.50		
9	4.40	1.40	3.95	6.50	10.70	154.15	150.90	51.00	21.05	14.20	4.70	5.75		
10	4.40	0.88	3.65	11.75	11.05	163.90	121.20	58.50	18.80	7.75	4.85	6.00		
11	3.95	0.65	3.20	10.35	11.40	150.90	111.00	73.15	18.35	7.75	6.50	4.85		
12	3.35	0.50	4.40	6.75	11.40	298.75	108.60	106.80	19.70	10.35	9.75	4.70		
13	3.20	0.50	5.00	7.50	11.75	509.50	89.65	99.00	20.60	8.50	8.00	5.00		
14	2.75	0.50	4.40	11.40	15.60	556.00	85.25	92.40	19.25	8.00	7.50	4.70		
15	3.50	0.50	3.35	15.25	28.00	523.00	69.30	72.05	18.80	8.50	9.50	4.40		
16	2.75	0.50	2.30	39.00	45.50	350.50	61.50	63.00	21.05	7.50	9.00	8.25		
17	2.30	0.58	2.30	27.50	69.30	271.55	57.50	49.00	19.25	9.50	8.50	4.85		
18	4.55	1.92	2.45	23.75	107.40	296.20	51.00	48.50	14.55	9.00	7.75	3.95		
19	4.70	1.32	2.60	21.50	122.40	269.00	47.50	39.00	13.15	9.00	7.00	3.35		
20	4.40	1.85	3.50	18.80	134.40	269.00	47.00	34.00	12.45	8.50	6.50	3.80		
21	4.10	1.63	2.60	13.50	138.60	344.50	42.50	30.50	11.40	8.75	6.50	3.35		
22	4.10	1.18	1.70	10.35	130.20	412.00	42.00	27.00	11.40	9.75	7.75	3.95		
23	3.80	0.88	1.55	10.35	106.80	413.50	42.50	24.20	12.45	9.25	5.50	3.20		
24	3.65	0.80	1.63	12.80	66.55	352.00	39.00	24.20	13.15	10.35	5.25	2.75		
25	3.20	0.72	3.80	15.95	42.00	328.00	38.00	23.75	12.45	9.25	5.25	8.50		
26	2.90	3.80	13.50	23.30	32.50	255.50	38.50	24.65	11.75	8.00	5.75	9.00		
27	2.60	4.70	12.10	26.00	25.10	232.30	26.00	36.50	10.70	7.50	7.00	9.00		
28	2.00	3.35	10.00	43.50	23.30	211.35	36.50	34.50	10.70	7.00	5.25	8.00		
29	1.92	2.60	9.50	46.00	24.65	234.40	39.00	29.50	11.75	6.50		8.75		
30	1.85	2.30	8.50	39.50	26.00	413.50	40.00	23.30	12.80	6.00		7.25		
31		2.30		31.50	42.00		44.50		13.15	5.75		5.50		
Total	101.95	63.56	128.80	517.40	1378.55	7763.85	4575.95	2015.40	582.85	293.20	199.85	182.35	17803.71	CMSDAY
Mean	3.40	2.05	4.29	16.69	44.47	258.80	147.61	67.18	18.80	9.46	7.14	5.88	48.78	CMS
Max	6.00	13.15	13.50	46.00	138.60	556.00	618.60	200.30	40.00	14.55	10.70	9.00	618.60	CMS
Min	0.95	0.50	1.47	4.40	10.70	38.50	26.00	23.30	10.70	5.75	4.70	2.75	0.50	CMS
Runoff	8.81	5.49	11.13	44.70	119.11	670.80	395.36	174.13	50.36	25.33	17.27	15.76	1538.24	MCM
Momentary Peak	620.80 CMS. at 148.84 m. (MSL.) at 12.00 Hours , on Oct 3 , 2005													
Runoff Yield	4.91 Liters/Second/Square KM.			Momentary Peak Yield 62.518 Liters/Second/Square KM.										

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Nam Khong , Phrae (Y.1C)

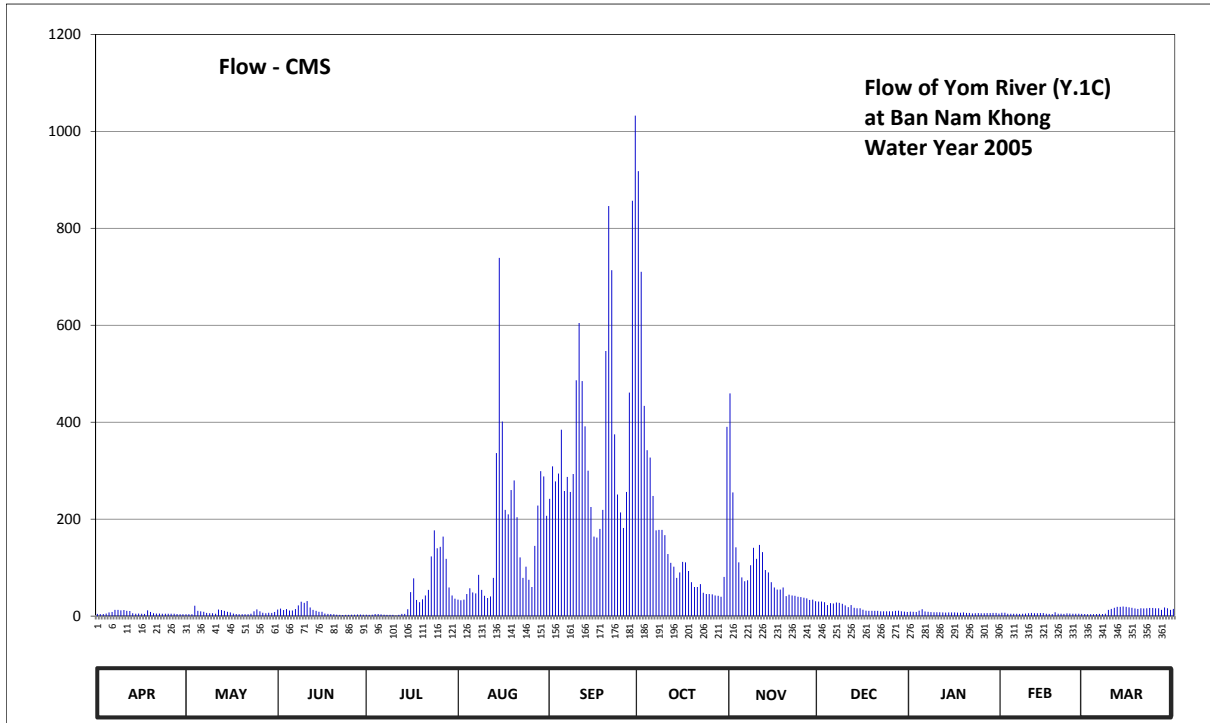
Lat 18 - 07 - 57 N Long 100 - 07 - 42 E

Location : on right bank about 5 meters downstream from Phathana Phak Nua 8 Bridge.

	Ban	Nam Khong	Amphoe	Mueang	Changwat	Phrae
Drainage Area	7,749	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+143.500 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	In front of the station office				Elevation	+153.972 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1979 to date					
Rating Operation						
Period of Rating	1979 to date					
Rated by Flot	-					
Rated by Current Meter	1979 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Mae yom weir situated about 76 kilometers above gage site. Stage-discharge relation defined by 71 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	144.13	144.09	144.35	144.05	144.43	146.64	151.20	148.57	144.37	143.97	143.87	143.77	
2	144.11	144.10	144.39	144.03	144.41	147.31	150.06	146.77	144.37	143.95	143.87	143.75	
3	144.11	144.09	144.33	144.05	144.43	147.00	148.38	145.64	144.35	143.94	143.80	143.75	
4	144.17	144.49	144.37	144.12	144.61	147.16	147.62	145.33	144.26	144.03	143.80	143.75	
5	144.23	144.30	144.31	144.12	144.79	147.97	147.49	145.02	144.32	144.09	143.79	143.76	
6	144.25	144.28	144.31	144.08	144.66	146.80	146.70	144.94	144.31	143.98	143.79	143.78	
7	144.34	144.26	144.37	144.05	144.63	147.09	145.99	144.96	144.34	143.95	143.78	143.77	
8	144.34	144.21	144.50	144.03	145.07	146.78	146.00	145.27	144.33	143.93	143.79	143.80	
9	144.32	144.20	144.63	144.03	144.74	147.15	146.00	145.63	144.30	143.91	143.81	144.06	
10	144.33	144.20	144.59	144.03	144.55	148.74	145.89	145.40	144.25	143.91	143.84	144.11	
11	144.30	144.15	144.65	143.96	144.48	149.44	145.50	145.69	144.19	143.91	143.86	144.16	
12	144.29	144.35	144.43	144.03	144.53	148.73	145.32	145.54	144.26	143.90	143.84	144.20	
13	144.20	144.33	144.34	144.13	145.01	148.03	145.24	145.17	144.16	143.89	143.84	144.20	
14	144.15	144.30	144.30	144.13	147.57	147.22	145.01	145.12	144.14	143.90	143.85	144.21	
15	144.17	144.26	144.26	144.09	150.23	146.47	145.12	144.92	144.14	143.90	143.85	144.20	
16	144.15	144.23	144.26	144.67	148.11	145.86	145.34	144.81	144.07	143.90	143.80	144.18	
17	144.13	144.17	144.16	145.00	146.41	145.84	145.33	144.75	144.03	143.89	143.78	144.16	
18	144.32	144.12	144.13	144.42	146.32	146.02	145.15	144.75	144.02	143.88	143.77	144.13	
19	144.25	144.10	144.12	144.35	146.82	146.41	144.92	144.81	144.02	143.90	143.91	144.11	
20	144.20	144.09	144.10	144.44	147.02	149.10	144.82	144.54	144.02	143.86	143.79	144.14	
21	144.17	144.10	144.04	144.56	146.26	150.85	144.82	144.59	144.02	143.86	143.80	144.13	
22	144.16	144.10	144.03	144.74	145.43	150.08	144.88	144.56	144.00	143.83	143.78	144.14	
23	144.14	144.15	144.02	145.45	145.01	147.89	144.65	144.55	144.00	143.84	143.83	144.15	
24	144.14	144.28	144.03	145.99	145.24	146.73	144.61	144.52	144.00	143.85	143.81	144.15	
25	144.14	144.36	144.03	145.62	144.97	146.36	144.61	144.51	144.00	143.84	143.80	144.14	
26	144.15	144.28	144.04	145.65	144.82	146.04	144.60	144.49	144.00	143.84	143.80	144.14	
27	144.14	144.22	144.05	145.86	145.67	146.78	144.56	144.47	144.02	143.85	143.79	144.06	
28	144.12	144.20	144.06	145.40	146.50	148.58	144.55	144.42	144.03	143.85	143.78	144.17	
29	144.10	144.22	144.06	144.81	147.21	150.91	144.52	144.43	144.00	143.86		144.14	
30	144.10	144.21	144.05	144.56	147.10	151.72	145.03	144.38	143.97	143.86		144.06	
31		144.25		144.46	146.29		148.02		143.94	143.81		144.11	
Mean	144.19	144.22	144.24	144.55	145.72	147.72	145.87	145.09	144.14	143.90	143.82	144.04	
Max	144.34	144.49	144.65	145.99	150.23	151.72	151.20	148.57	144.37	144.09	143.91	144.21	151.72
Min	144.10	144.09	144.02	143.96	144.41	145.84	144.52	144.38	143.94	143.81	143.77	143.75	143.75
Annual Max Momentary Gage Height	151.78	m. (MSL.) ,		at 10.00 Hours , on Sep 30 , 2005									
Zero Gage at Bottom Elevation	143.50	m. (MSL.) ,		River Bed 143.60 m. (MSL.)									
Left Bank Elevation	153.84	m. (MSL.) ,											
Right Bank Elevation	153.83	m. (MSL.) ,		Drainage Area		7,749	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.60	3.80	13.50	3.00	33.95	242.00	918.00	459.50	30.05	9.25	6.75	4.40		
2	4.20	4.00	15.50	2.60	32.65	309.00	710.20	255.00	30.05	8.75	6.75	4.00		
3	4.20	3.80	12.50	3.00	33.95	278.00	433.60	142.00	28.75	8.50	5.00	4.00		
4	5.40	21.40	14.50	4.40	45.65	294.00	342.40	111.00	22.90	11.35	5.00	4.00		
5	7.50	11.00	11.50	4.40	57.35	384.40	327.00	80.00	26.80	14.05	4.80	4.20		
6	8.50	10.00	11.50	3.60	48.90	258.00	248.00	72.00	26.15	9.50	4.80	4.60		
7	13.00	9.00	14.50	3.00	46.95	287.00	177.00	74.00	28.10	8.75	4.60	4.40		
8	13.00	6.50	22.00	2.60	85.00	256.00	178.00	105.00	27.45	8.25	4.80	5.00		
9	12.00	6.00	29.80	2.60	54.10	293.00	178.00	141.00	25.50	7.75	5.25	12.70		
10	12.50	6.00	27.40	2.60	41.75	486.40	167.00	118.00	22.25	7.75	6.00	14.95		
11	11.00	5.00	31.00	1.20	37.20	604.80	128.00	147.00	18.55	7.75	6.50	17.20		
12	10.50	13.50	17.80	2.60	40.45	484.80	110.00	132.00	22.90	7.50	6.00	19.00		
13	6.00	12.50	13.00	4.60	79.00	391.60	102.00	95.00	17.20	7.25	6.00	19.00		
14	5.00	11.00	11.00	4.60	336.40	300.00	79.00	90.00	16.30	7.50	6.25	19.65		
15	5.40	9.00	9.00	14.05	739.10	225.00	90.00	70.00	16.30	7.50	6.25	19.00		
16	5.00	7.50	9.00	49.55	401.20	164.00	112.00	59.00	13.15	7.50	5.00	18.10		
17	4.60	5.40	5.20	78.00	219.00	162.00	111.00	54.75	11.35	7.25	4.60	17.20		
18	12.00	4.40	4.60	33.30	210.00	180.00	93.00	54.75	10.90	7.00	4.40	15.85		
19	8.50	4.00	4.40	28.75	260.00	219.00	70.00	59.00	10.90	7.50	7.75	14.95		
20	6.00	3.80	4.00	34.60	280.00	547.00	60.00	41.10	10.90	6.50	4.80	16.30		
21	5.40	4.00	2.80	42.40	204.00	846.00	60.00	44.35	10.90	6.50	5.00	15.85		
22	5.20	4.00	2.60	54.10	121.00	713.60	66.00	42.40	10.00	5.75	4.60	16.30		
23	4.80	5.00	2.40	123.00	79.00	374.80	48.25	41.75	10.00	6.00	5.75	16.75		
24	4.80	10.00	2.60	177.00	102.00	251.00	45.65	39.80	10.00	6.25	5.25	16.75		
25	4.80	14.00	2.60	140.00	75.00	214.00	45.65	39.15	10.00	6.00	5.00	16.30		
26	5.00	10.00	2.80	143.00	60.00	182.00	45.00	37.85	10.00	6.00	5.00	16.30		
27	4.80	7.00	3.00	164.00	145.00	256.00	42.40	36.55	10.90	6.25	4.80	12.70		
28	4.40	6.00	3.20	118.00	228.00	461.00	41.75	33.30	11.35	6.25	4.60	17.65		
29	4.00	7.00	3.20	59.00	299.00	856.90	39.80	33.95	10.00	6.50		16.30		
30	4.00	6.50	3.00	42.40	288.00	1032.40	81.00	30.70	9.25	6.50		12.70		
31		8.50		35.90	207.00		390.40		8.50	5.25		14.95		
Total	206.10	239.60	309.90	1381.85	4890.60	11553.70	5540.10	2739.90	527.35	234.40	151.30	411.05	28185.85	CMSDAY
Mean	6.87	7.73	10.33	44.58	157.76	385.12	178.71	91.33	17.01	7.56	5.40	13.26	77.22	CMS
Max	13.00	21.40	31.00	177.00	739.10	1032.40	918.00	459.50	30.05	14.05	7.75	19.65	1032.40	CMS
Min	4.00	3.80	2.40	1.20	32.65	162.00	39.80	30.70	8.50	5.25	4.40	4.00	1.20	CMS
Runoff	17.81	20.70	26.78	119.39	422.55	998.24	478.67	236.73	45.56	20.25	13.07	35.52	2435.26	MCM
Momentary Peak	1045.60	CMS.	at 151.78 m. (MSL.)											at 10.00 Hours , on Sep 30, 2005
Runoff Yield	9.97		Liters/Second/Square KM.											Momentary Peak Yield 134.934 Liters/Second/Square KM.

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Wang Mai Khon , Sukhothai (Y.3A)

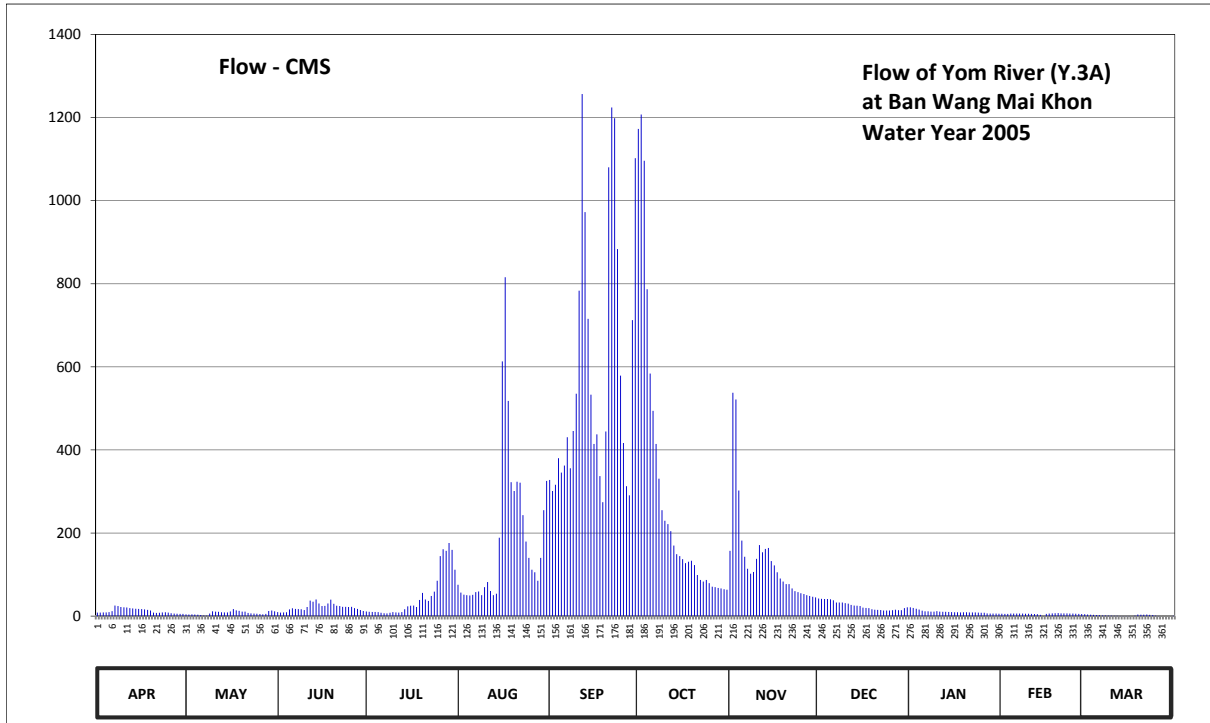
Lat 17 - 18 - 28 N Long 99 - 49 - 44 E

Location : on right bank about 100 meters downstream from the bridge on highway.

	Ban Wang Mai Khon	Amphoe Sawankhalok	Changwat Sukhothai
Drainage Area	13,331 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+51.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of automatic gage building.	Elevation	+65.350 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1967 to date		
Rated by Flot	-		
Rated by Current Meter	1967 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +59.290 m.(M.S.L.) and is including overbank flow.No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	50.94	50.77	50.98	51.03	52.36	55.31	60.98	53.51	51.77	51.30	50.83	50.78	
2	50.94	50.75	50.93	51.01	52.04	55.06	61.14	57.17	51.75	51.27	50.82	50.75	
3	50.95	50.77	50.96	50.99	51.95	55.20	60.61	57.03	51.74	51.22	50.82	50.74	
4	50.95	50.75	50.97	50.99	51.93	55.80	58.94	55.07	51.74	51.16	50.85	50.72	
5	50.98	50.73	51.18	50.98	51.91	55.48	57.55	53.81	51.73	51.09	50.85	50.70	
6	51.06	50.70	51.25	50.92	51.94	55.64	56.79	53.32	51.68	51.05	50.84	50.69	
7	51.41	50.66	51.21	50.88	52.06	56.24	56.10	52.93	51.57	51.04	50.84	50.67	
8	51.38	50.65	51.20	50.86	52.09	55.58	55.34	52.77	51.57	51.02	50.84	50.66	
9	51.32	50.84	51.19	50.92	51.93	56.37	54.61	52.83	51.57	51.02	50.83	50.65	
10	51.30	51.04	51.13	50.98	52.26	57.15	54.35	53.25	51.54	51.06	50.83	50.64	
11	51.29	51.02	51.32	50.95	52.46	58.92	54.26	53.68	51.51	51.02	50.81	50.63	
12	51.26	51.01	51.67	50.93	52.11	61.37	54.07	53.46	51.44	51.01	50.80	50.63	
13	51.24	50.97	51.61	50.98	51.93	59.99	53.67	53.57	51.41	51.01	50.78	50.62	
14	51.22	50.96	51.72	51.19	52.00	58.49	53.40	53.60	51.40	50.99	50.72	50.62	
15	51.21	50.95	51.52	51.36	53.89	57.13	53.34	53.18	51.38	50.98	50.60	50.61	
16	51.20	51.03	51.38	51.40	57.77	56.10	53.24	53.04	51.28	50.97	50.82	50.61	
17	51.18	51.20	51.39	51.41	59.11	56.30	53.11	52.82	51.27	50.97	50.85	50.57	
18	51.14	51.11	51.52	51.32	57.00	55.40	53.16	52.59	51.26	50.96	50.87	50.65	
19	51.10	51.08	51.71	51.70	55.26	54.80	53.19	52.48	51.19	50.97	50.88	50.75	
20	50.94	51.02	51.50	52.03	55.06	56.36	53.05	52.38	51.15	50.97	50.89	50.73	
21	50.90	51.02	51.40	51.72	55.27	60.53	52.72	52.38	51.14	50.96	50.87	50.73	
22	50.92	50.91	51.38	51.65	55.25	61.22	52.54	52.21	51.13	50.95	50.87	50.75	
23	50.96	50.87	51.33	51.89	54.49	61.10	52.48	52.10	51.10	50.95	50.86	50.72	
24	50.97	50.84	51.33	52.08	53.78	59.50	52.54	52.06	51.10	50.94	50.85	50.70	
25	50.93	50.83	51.32	52.51	53.28	57.51	52.42	52.02	51.10	50.92	50.84	50.64	
26	50.88	50.80	51.33	53.34	52.90	56.12	52.28	51.98	51.12	50.92	50.83	50.62	
27	50.84	50.77	51.26	53.56	52.82	55.17	52.26	51.93	51.15	50.87	50.82	50.60	
28	50.83	50.82	51.21	53.51	52.51	54.96	52.23	51.89	51.12	50.85	50.80	50.58	
29	50.82	51.07	51.13	53.74	53.28	58.47	52.21	51.85	51.12	50.84		50.57	
30	50.81	51.10	51.07	53.54	54.61	60.64	52.18	51.82	51.26	50.84		50.57	
31		51.04		52.90	55.29		52.16		51.30	50.83		50.63	
Mean	51.06	50.91	51.30	51.72	53.57	57.26	54.42	53.09	51.37	51.00	50.83	50.66	
Max	51.41	51.20	51.72	53.74	59.11	61.37	61.14	57.17	51.77	51.30	50.89	50.78	61.37
Min	50.81	50.65	50.93	50.86	51.91	54.80	52.16	51.82	51.10	50.83	50.60	50.57	50.57
Annual Max Momentary Gage Height	61.56		m. (MSL.) ,				at 07.00 Hours ,						
Zero Gage at Bottom Elevation	51.00		m. (MSL.) ,			River Bed	49.0	m. (MSL.)					
Left Bank Elevation	59.28		m. (MSL.) ,										
Right Bank Elevation	62.17		m. (MSL.) ,			Drainage Are	13,331	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	8.50	4.30	9.50	11.00	75.60	327.60	1172.70	157.20	42.50	21.00	5.80	4.50		
2	8.50	3.80	8.30	10.30	56.40	301.30	1207.10	537.50	41.50	19.80	5.50	3.80		
3	8.80	4.30	9.00	9.80	51.50	316.00	1096.00	521.40	41.00	17.80	5.50	3.50		
4	8.80	3.80	9.30	9.80	50.50	380.00	786.80	302.40	41.00	15.60	6.20	3.00		
5	9.50	3.30	16.30	9.50	49.50	345.40	583.70	181.90	40.50	13.10	6.20	2.50		
6	12.10	2.50	19.00	8.00	51.00	362.40	493.90	143.00	38.00	11.70	6.00	2.20		
7	25.40	1.50	17.40	7.00	57.60	430.60	414.50	113.80	32.70	11.40	6.00	1.70		
8	24.20	1.30	17.00	6.50	59.40	355.90	330.70	102.10	32.70	10.70	6.00	1.50		
9	21.80	6.00	16.60	8.00	50.50	445.50	255.00	106.30	32.70	10.70	5.80	1.30		
10	21.00	11.40	14.60	9.50	69.60	535.30	229.50	137.80	31.30	12.10	5.80	1.00		
11	20.60	10.70	21.80	8.80	81.90	783.40	221.40	170.80	29.90	10.70	5.30	0.80		
12	19.40	10.30	37.50	8.30	60.60	1256.50	204.30	153.50	26.80	10.30	5.00	0.80		
13	18.60	9.30	34.50	9.50	50.50	972.20	169.90	161.80	25.40	10.30	4.50	0.50		
14	17.80	9.00	40.00	16.60	54.00	715.50	149.00	164.00	25.00	9.80	3.00	0.50		
15	17.40	8.80	30.40	23.40	188.60	533.00	144.50	132.50	24.20	9.50	0.00	0.30		
16	17.00	11.00	24.20	25.00	613.00	414.50	137.00	122.00	20.20	9.30	5.50	0.30		
17	16.30	17.00	24.60	25.40	815.70	437.50	127.30	105.50	19.80	9.30	6.20	0.00		
18	14.90	13.90	30.40	21.80	518.00	337.00	131.00	90.30	19.40	9.00	6.70	1.30		
19	13.50	12.80	39.50	39.00	322.30	274.00	133.20	83.20	16.60	9.30	7.00	3.80		
20	8.50	10.70	29.50	55.80	301.30	444.40	122.80	76.80	15.30	9.30	7.20	3.30		
21	7.50	10.70	25.00	40.00	323.40	1080.00	98.80	76.80	14.90	9.00	6.70	3.30		
22	8.00	7.80	24.20	36.50	321.30	1224.30	87.10	66.60	14.60	8.80	6.70	3.80		
23	9.00	6.70	22.20	48.50	243.00	1198.50	83.20	60.00	13.50	8.80	6.50	3.00		
24	9.30	6.00	22.20	58.80	179.30	883.50	87.10	57.60	13.50	8.50	6.20	2.50		
25	8.30	5.80	21.80	85.10	140.00	578.70	79.30	55.20	13.50	8.00	6.00	1.00		
26	7.00	5.00	22.20	144.50	111.50	416.80	70.80	53.00	14.20	8.00	5.80	0.50		
27	6.00	4.30	19.40	161.00	105.50	312.80	69.60	50.50	15.30	6.70	5.50	0.00		
28	5.80	5.50	17.40	157.20	85.10	290.80	67.80	48.50	14.20	6.20	5.00	0.00		
29	5.50	12.40	14.60	175.90	140.00	712.50	66.60	46.50	14.20	6.00	0.00	0.00		
30	5.30	13.50	12.40	159.50	255.00	1102.00	64.80	45.00	19.40	6.00	0.00	0.00		
31		11.40		111.50	325.50		63.60		21.00	5.80		0.80		
Total	384.30	244.80	650.80	1501.50	5807.10	17767.90	8949.00	4123.50	764.80	322.50	157.60	51.50	40725.30	CMSDAY
Mean	12.80	7.90	21.70	48.40	187.30	592.30	288.70	137.50	24.70	10.40	5.60	1.70	111.60	CMS
Max	25.40	17.00	40.00	175.90	815.70	1256.50	1207.10	537.50	42.50	21.00	7.20	4.50	1256.50	CMS
Min	5.30	1.30	8.30	6.50	49.50	274.00	63.60	45.00	13.50	5.80	0.00	0.00	0.00	CMS
Runoff	33.20	21.15	56.23	129.73	501.73	1535.15	773.19	356.27	66.08	27.86	13.62	4.45	3518.67	MCM
Momentary Peak	1298.20 CMS. at 61.56 m. (MSL.) at 07.00 Hours , on Sep 12 , 2005													
Runoff Yield	8.37 Liters/Second/Square KM.			Momentary Peak Yield				97.382 Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Kaeng Luang , Sukhothai (Y.6)

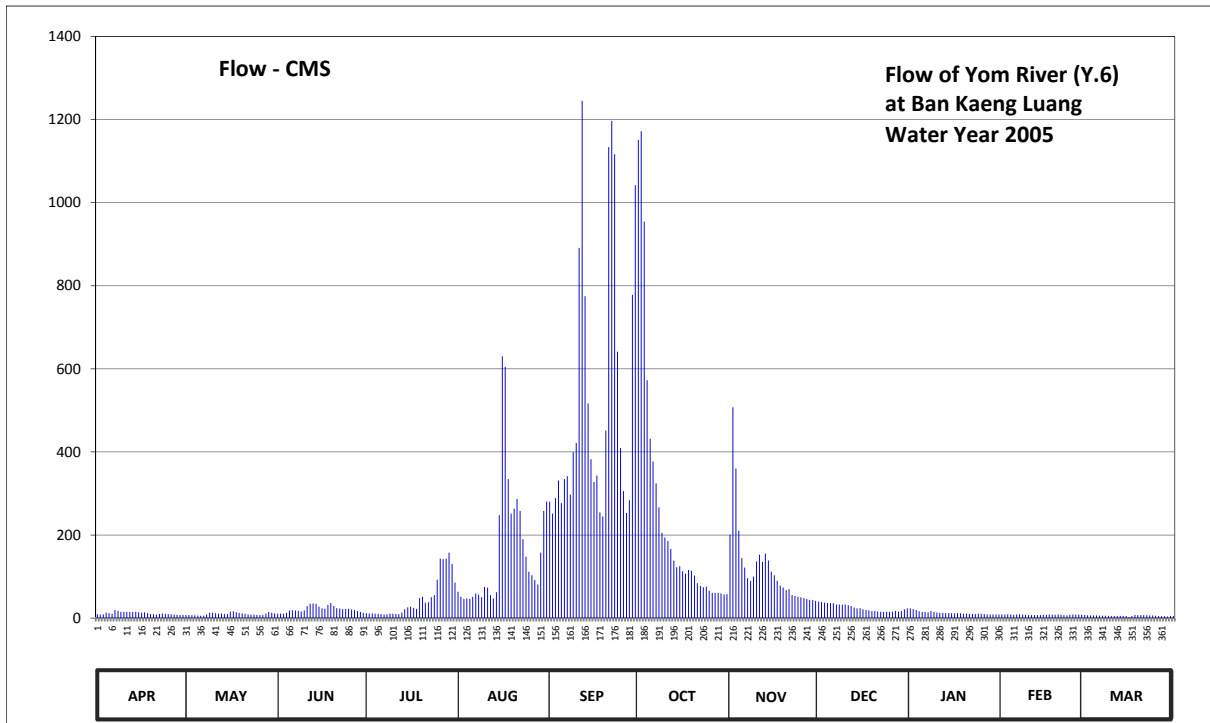
Lat 17 - 26 - 05 N Long 99 - 47 - 30 E

Location : on left bank about 150 meters upstream from Kaeng Luang.

	Ban Kaeng Luang	Amphoe Si Satchanalai	Changwat Sukhothai
Drainage Area	12,769 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+59.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near automatic gage building	Elevation	+68.928 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1952 to date		
Rating Operation			
Period of Rating	1952 to date		
Rated by Flot	-		
Rated by Current Meter	1952 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 55 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	59.47	59.36	59.57	59.63	60.89	62.66	66.08	62.19	60.45	60.04	59.46	59.38	
2	59.42	59.35	59.59	59.60	60.68	62.49	66.14	63.90	60.42	59.98	59.46	59.32	
3	59.45	59.33	59.59	59.60	60.59	62.71	65.49	63.13	60.38	59.92	59.48	59.29	
4	59.68	59.30	59.67	59.59	60.61	62.96	64.17	62.25	60.36	59.82	59.46	59.29	
5	59.64	59.28	59.87	59.55	60.58	62.64	63.55	61.75	60.35	59.75	59.40	59.29	
6	59.55	59.26	59.90	59.50	60.68	62.98	63.23	61.55	60.34	59.75	59.45	59.28	
7	59.92	59.25	59.88	59.46	60.83	63.02	62.92	61.30	60.27	59.72	59.48	59.26	
8	59.86	59.46	59.86	59.47	60.79	62.76	62.58	61.23	60.27	59.83	59.43	59.24	
9	59.76	59.69	59.80	59.57	60.67	63.36	62.22	61.34	60.25	59.76	59.37	59.22	
10	59.75	59.68	59.88	59.58	61.04	63.49	62.14	61.68	60.27	59.70	59.34	59.21	
11	59.76	59.64	60.17	59.53	61.02	65.29	62.08	61.82	60.23	59.66	59.36	59.21	
12	59.76	59.59	60.32	59.51	60.76	66.34	61.93	61.67	60.18	59.66	59.35	59.23	
13	59.75	59.61	60.33	59.70	60.61	64.91	61.70	61.84	60.08	59.65	59.34	59.22	
14	59.78	59.54	60.31	59.98	60.87	63.94	61.56	61.70	60.04	59.64	59.34	59.23	
15	59.73	59.53	60.14	60.09	62.47	63.26	61.58	61.46	60.05	59.64	59.40	59.21	
16	59.69	59.81	60.04	60.13	64.40	62.94	61.47	61.38	59.97	59.62	59.40	59.03	
17	59.71	59.82	60.02	60.07	64.30	63.03	61.42	61.23	59.92	59.63	59.43	59.21	
18	59.63	59.73	60.25	60.00	62.98	62.51	61.50	61.08	59.89	59.62	59.40	59.38	
19	59.53	59.66	60.35	60.62	62.49	62.45	61.48	61.02	59.83	59.57	59.41	59.35	
20	59.48	59.62	60.18	60.68	62.56	63.65	61.37	60.94	59.84	59.57	59.46	59.34	
21	59.44	59.56	60.05	60.37	62.70	66.03	61.16	60.97	59.80	59.56	59.41	59.35	
22	59.52	59.49	60.03	60.40	62.53	66.21	61.07	60.77	59.77	59.54	59.36	59.33	
23	59.61	59.44	59.99	60.67	62.11	65.98	61.03	60.73	59.76	59.56	59.30	59.31	
24	59.55	59.43	60.01	60.77	61.78	64.44	61.05	60.69	59.77	59.57	59.41	59.29	
25	59.51	59.38	60.01	61.26	61.46	63.42	60.92	60.66	59.75	59.55	59.46	59.24	
26	59.48	59.36	59.96	61.74	61.38	62.81	60.85	60.62	59.78	59.50	59.44	59.19	
27	59.42	59.39	59.91	61.73	61.25	62.50	60.85	60.57	59.84	59.46	59.43	59.18	
28	59.39	59.58	59.83	61.74	61.12	62.68	60.85	60.53	59.79	59.46	59.41	59.17	
29	59.38	59.74	59.75	61.86	61.86	64.92	60.83	60.52	59.84	59.45		59.13	
30	59.38	59.68	59.66	61.63	61.63	65.76	60.80	60.48	59.97	59.45		59.23	
31		59.62		61.18	62.66		60.81		60.04	59.45		59.21	
Mean	59.60	59.52	59.96	60.30	61.65	63.74	62.09	61.37	60.05	59.65	59.41	59.25	
Max	59.92	59.82	60.35	61.86	64.40	66.34	66.14	63.90	60.45	60.04	59.48	59.38	66.34
Min	59.38	59.25	59.57	59.46	60.58	62.45	60.80	60.48	59.75	59.45	59.30	59.03	59.03
Annual Max Momentary Gage Height	66.75		m. (MSL.) ,			at 05.00 Hours ,	on Sep 12 , 2005						
Zero Gage at Bottom Elevation	59.00		m. (MSL.) ,			River Bed	57.84	m. (MSL.)					
Left Bank Elevation	68.91		m. (MSL.) ,										
Right Bank Elevation	68.73		m. (MSL.) ,			Drainage Area	12,769	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	9.10	7.40	10.60	11.80	63.70	280.20	1151.00	200.60	40.20	23.60	8.90	7.70		
2	8.30	7.20	10.90	11.00	51.00	251.30	1172.00	507.50	38.90	21.40	8.90	6.80		
3	8.80	7.00	10.90	11.00	46.60	288.70	954.20	360.10	37.20	19.60	9.20	6.40		
4	13.00	6.50	12.70	10.90	47.50	331.20	572.50	210.50	36.40	16.60	8.90	6.40		
5	12.00	6.20	18.10	10.30	46.10	276.80	431.50	144.30	36.00	14.80	8.00	6.40		
6	10.30	5.90	19.00	9.50	51.00	334.60	377.10	121.50	35.60	14.80	8.80	6.20		
7	19.60	5.80	18.40	8.90	59.30	341.40	324.40	96.00	32.80	14.00	9.20	5.90		
8	17.80	8.90	17.80	9.10	56.50	297.20	266.60	89.70	32.80	16.90	8.50	5.60		
9	15.00	13.20	16.00	10.60	50.50	399.20	205.40	99.60	32.00	15.00	7.50	5.30		
10	14.80	13.00	18.40	10.70	75.00	421.30	193.90	136.20	32.80	13.50	7.10	5.10		
11	15.00	12.00	28.80	10.00	73.50	890.90	185.80	152.50	31.20	12.50	7.40	5.10		
12	15.00	10.90	34.80	9.60	55.00	1244.80	166.30	135.00	29.20	12.50	7.20	5.50		
13	14.80	11.30	35.20	13.50	47.50	774.90	138.50	155.00	25.20	12.30	7.10	5.30		
14	15.50	10.10	34.40	21.40	62.20	516.50	122.60	138.50	23.60	12.00	7.10	5.50		
15	14.30	10.00	27.60	25.60	247.90	382.20	124.80	111.60	24.00	12.00	8.00	5.10		
16	13.20	16.30	23.60	27.20	630.00	327.80	112.70	103.20	21.10	11.50	8.00	2.40		
17	13.80	16.60	22.80	24.80	605.00	343.10	107.20	89.70	19.60	11.80	8.50	5.10		
18	11.80	14.30	32.00	22.00	334.60	254.70	116.00	78.00	18.70	11.50	8.00	7.70		
19	10.00	12.50	36.00	48.00	251.30	244.50	113.80	73.50	16.90	10.60	8.20	7.20		
20	9.20	11.50	29.20	51.00	263.20	451.30	102.30	67.50	17.20	10.60	8.90	7.10		
21	8.60	10.40	24.00	36.80	287.00	1133.50	84.00	69.80	16.00	10.40	8.20	7.20		
22	9.80	9.40	23.20	38.00	258.10	1196.70	77.20	55.50	15.30	10.10	7.40	7.00		
23	11.30	8.60	21.70	50.50	189.90	1116.20	74.20	53.50	15.00	10.40	6.50	6.70		
24	10.30	8.50	22.40	55.50	147.70	641.00	75.70	51.50	15.30	10.60	8.20	6.40		
25	9.60	7.70	22.40	92.40	111.60	409.40	66.00	50.00	14.80	10.30	8.90	5.60		
26	9.20	7.40	20.80	143.10	103.20	305.70	60.70	48.00	15.50	9.50	8.60	4.80		
27	8.30	7.90	19.30	142.00	91.50	253.00	60.70	45.70	17.20	8.90	8.50	4.70		
28	7.90	10.70	16.90	143.10	81.00	283.60	60.70	43.80	15.80	8.90	8.20	4.50		
29	7.70	14.50	14.80	157.50	157.50	777.80	59.30	43.40	17.20	8.80		4.00		
30	7.70	13.00	12.50	130.50	258.10	1042.00	57.00	41.60	21.10	8.80		5.50		
31		11.50		85.50	280.20		57.80		23.60	8.80		5.10		
Total	351.70	316.20	655.20	1431.80	5083.20	15811.50	7671.90	3573.30	768.20	393.00	227.90	179.30	36463.20	CMSDAY
Mean	11.70	10.20	21.80	46.20	164.00	527.10	247.50	119.10	24.80	12.70	8.10	5.80	99.90	CMS
Max	19.60	16.60	36.00	157.50	630.00	1244.80	1172.00	507.50	40.20	23.60	9.20	7.70	1244.80	CMS
Min	7.70	5.80	10.60	8.90	46.10	244.50	57.00	41.60	14.80	8.80	6.50	2.40	2.40	CMS
Runoff	30.39	27.32	56.61	123.71	439.19	1366.11	662.85	308.73	66.37	33.96	19.69	15.49	3150.42	MCM
Momentary Peak	1396.50 CMS. at 66.75 m. (MSL.) at 05.00 Hours , on Sep 12 , 2005													
Runoff Yield	7.82 Liters/Second/Square KM.			Momentary Peak Yield 109.366 Liters/Second/Square KM.										

WATER YEAR : 2005

YOM RIVER BASIN

Nam Ngao at Ban Luang Nua , Lampang (Y.13A)

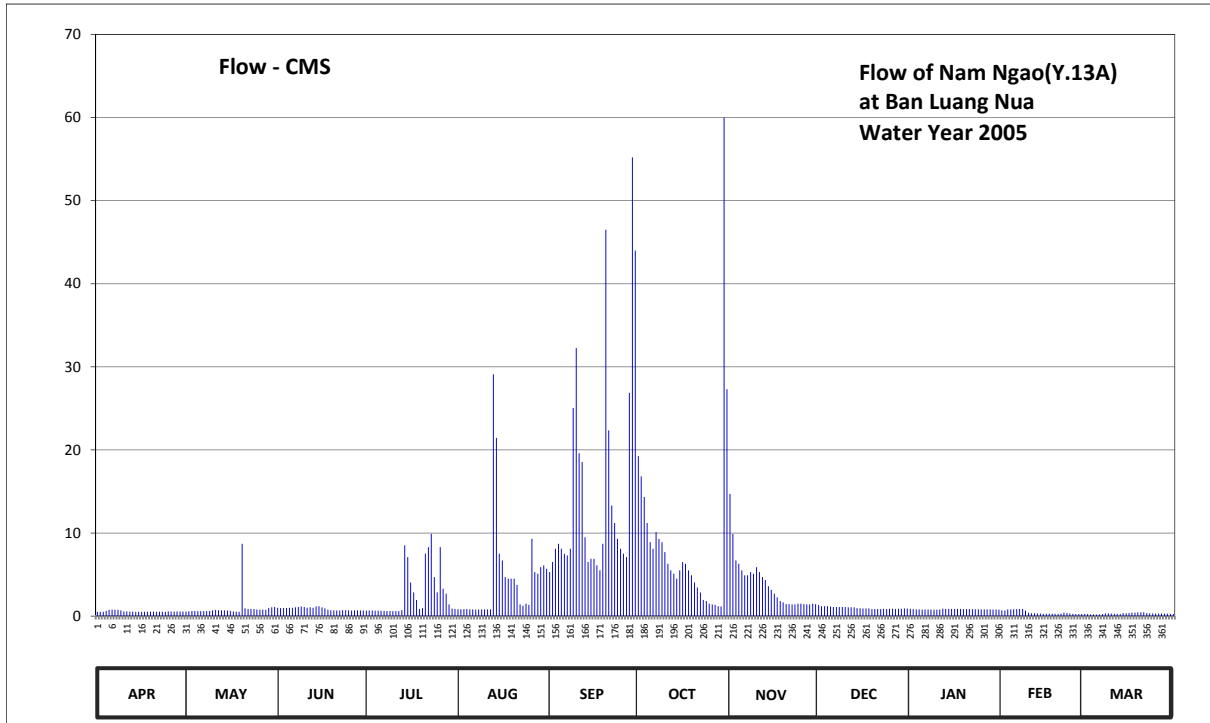
Lat 18 - 45 - 32 N Long 99 - 58 - 33 E

Location : on left bank at the bridge on highway about 1.6 kilometers upstream from station Y.13

	Ban Luang Nua	Amphoe Ngao	Changwat Lampang
Drainage Area	381 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+268.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10 meters from the top staff gage.	Elevation	+272.644 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1988 - 1995, 2001 to date		
Rating Operation			
Period of Rating	1988 - 1995, 2001 to date		
Rated by Flot	-		
Rated by Current Meter	1988 - 1995, 2001 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 35 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	268.56	268.57	268.80	268.64	268.71	269.14	269.65	269.52	268.87	268.74	268.65	268.43	
2	268.56	268.59	268.78	268.64	268.71	269.20	269.58	269.37	268.84	268.72	268.64	268.42	
3	268.56	268.61	268.79	268.64	268.72	269.28	269.51	269.21	268.84	268.70	268.70	268.41	
4	268.62	268.61	268.79	268.63	268.72	269.31	269.42	269.19	268.84	268.70	268.70	268.41	
5	268.67	268.60	268.80	268.63	268.70	269.28	269.32	269.15	268.83	268.69	268.71	268.40	
6	268.69	268.60	268.80	268.63	268.70	269.25	269.28	269.12	268.82	268.69	268.72	268.40	
7	268.68	268.60	268.81	268.62	268.69	269.24	269.38	269.12	268.82	268.69	268.72	268.42	
8	268.67	268.60	268.82	268.61	268.69	269.28	269.34	269.14	268.82	268.69	268.73	268.46	
9	268.65	268.62	268.83	268.61	268.70	269.79	269.32	269.13	268.82	268.68	268.64	268.46	
10	268.58	268.65	268.82	268.60	268.70	269.95	269.26	269.17	268.82	268.68	268.50	268.45	
11	268.58	268.67	268.80	268.60	268.70	269.66	269.19	269.14	268.81	268.69	268.47	268.44	
12	268.57	268.66	268.81	268.60	268.70	269.63	269.15	269.11	268.81	268.75	268.47	268.43	
13	268.57	268.65	268.80	268.66	269.88	269.35	269.13	269.09	268.81	268.73	268.46	268.42	
14	268.56	268.65	268.83	269.30	269.71	269.20	269.10	269.04	268.78	268.73	268.45	268.47	
15	268.56	268.64	268.84	269.23	269.25	269.22	269.15	269.01	268.77	268.73	268.44	268.47	
16	268.56	268.62	268.81	269.07	269.21	269.22	269.20	268.98	268.76	268.73	268.44	268.48	
17	268.56	268.58	268.77	268.99	269.11	269.18	269.19	268.95	268.76	268.73	268.44	268.51	
18	268.57	268.57	268.68	268.93	269.10	269.15	269.15	268.92	268.76	268.73	268.44	268.51	
19	268.57	268.56	268.65	268.73	269.10	269.31	269.12	268.91	268.72	268.72	268.43	268.52	
20	268.57	269.31	268.65	268.78	269.10	270.25	269.07	268.89	268.72	268.72	268.43	268.53	
21	268.56	268.77	268.64	269.25	269.05	269.73	269.03	268.89	268.72	268.72	268.44	268.53	
22	268.56	268.73	268.64	269.29	268.88	269.48	268.99	268.88	268.72	268.71	268.51	268.48	
23	268.56	268.73	268.66	269.37	268.85	269.42	268.93	268.88	268.73	268.71	268.49	268.46	
24	268.56	268.72	268.66	269.11	268.90	269.34	268.92	268.90	268.72	268.71	268.45	268.46	
25	268.59	268.69	268.65	268.99	268.87	269.28	268.90	268.90	268.74	268.70	268.43	268.45	
26	268.57	268.68	268.64	269.29	269.34	269.25	268.88	268.89	268.74	268.70	268.42	268.45	
27	268.57	268.68	268.65	269.02	269.14	269.23	268.87	268.88	268.73	268.70	268.42	268.45	
28	268.58	268.67	268.65	268.98	269.13	269.83	268.84	268.88	268.74	268.70	268.42	268.45	
29	268.58	268.79	268.65	268.88	269.17	270.42	268.83	268.90	268.74	268.69		268.44	
30	268.58	268.81	268.64	268.75	269.18	270.20	270.50	268.89	268.76	268.69		268.43	
31		268.82		268.73	269.16		269.84		268.75	268.68		268.42	
Mean	268.59	268.68	268.74	268.86	268.99	269.47	269.23	269.04	268.78	268.71	268.53	268.45	
Max	268.69	269.31	268.84	269.37	269.88	270.42	270.50	269.52	268.87	268.75	268.73	268.53	270.50
Min	268.56	268.56	268.64	268.60	268.69	269.14	268.83	268.88	268.72	268.68	268.42	268.40	268.40
Annual Max Momentary Gage Height	271.34		m. (MSL.) ,			at 17.00 Hours ,		on Oct 30 , 2005					
Zero Gage at Bottom Elevation	268.30		m. (MSL.) ,			River Bed	267.25	m. (MSL.)					
Left Bank Elevation		274.83		m. (MSL.) ,									
Right Bank Elevation		274.80		m. (MSL.) ,		Drainage Are	381	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.52	0.54	1.00	0.68	0.82	5.30	19.25	14.70	1.35	0.88	0.70	0.26	
2	0.52	0.58	0.96	0.68	0.82	6.50	16.80	9.90	1.20	0.84	0.68	0.24	
3	0.52	0.62	0.98	0.68	0.84	8.10	14.35	6.70	1.20	0.80	0.80	0.22	
4	0.64	0.62	0.98	0.66	0.84	8.70	11.20	6.30	1.20	0.80	0.80	0.22	
5	0.74	0.60	1.00	0.66	0.80	8.10	8.90	5.50	1.15	0.78	0.82	0.20	
6	0.78	0.60	1.00	0.66	0.80	7.50	8.10	4.90	1.10	0.78	0.84	0.20	
7	0.76	0.60	1.05	0.64	0.78	7.30	10.10	4.90	1.10	0.78	0.84	0.24	
8	0.74	0.60	1.10	0.62	0.78	8.10	9.30	5.30	1.10	0.78	0.86	0.32	
9	0.70	0.64	1.15	0.62	0.80	25.05	8.90	5.10	1.10	0.76	0.68	0.32	
10	0.56	0.70	1.10	0.60	0.80	32.25	7.70	5.90	1.10	0.76	0.40	0.30	
11	0.56	0.74	1.00	0.60	0.80	19.60	6.30	5.30	1.05	0.78	0.34	0.28	
12	0.54	0.72	1.05	0.60	0.80	18.55	5.50	4.70	1.05	0.90	0.34	0.26	
13	0.54	0.70	1.00	0.72	29.10	9.50	5.10	4.35	1.05	0.86	0.32	0.24	
14	0.52	0.70	1.15	8.50	21.45	6.50	4.50	3.60	0.96	0.86	0.30	0.34	
15	0.52	0.68	1.20	7.10	7.50	6.90	5.50	3.15	0.94	0.86	0.28	0.34	
16	0.52	0.64	1.05	4.05	6.70	6.90	6.50	2.70	0.92	0.86	0.28	0.36	
17	0.52	0.56	0.94	2.85	4.70	6.10	6.30	2.25	0.92	0.86	0.28	0.42	
18	0.54	0.54	0.76	1.95	4.50	5.50	5.50	1.80	0.92	0.86	0.28	0.42	
19	0.54	0.52	0.70	0.86	4.50	8.70	4.90	1.65	0.84	0.84	0.26	0.44	
20	0.54	8.70	0.70	0.96	4.50	46.50	4.05	1.45	0.84	0.84	0.26	0.46	
21	0.52	0.94	0.68	7.50	3.75	22.35	3.45	1.45	0.84	0.84	0.28	0.46	
22	0.52	0.86	0.68	8.30	1.40	13.30	2.85	1.40	0.84	0.82	0.42	0.36	
23	0.52	0.86	0.72	9.90	1.25	11.20	1.95	1.40	0.86	0.82	0.38	0.32	
24	0.52	0.84	0.72	4.70	1.50	9.30	1.80	1.50	0.84	0.82	0.30	0.32	
25	0.58	0.78	0.70	2.85	1.35	8.10	1.50	1.50	0.88	0.80	0.26	0.30	
26	0.54	0.76	0.68	8.30	9.30	7.50	1.40	1.45	0.88	0.80	0.24	0.30	
27	0.54	0.76	0.70	3.30	5.30	7.10	1.35	1.40	0.86	0.80	0.24	0.30	
28	0.56	0.74	0.70	2.70	5.10	26.85	1.20	1.40	0.88	0.80	0.24	0.30	
29	0.56	0.98	0.70	1.40	5.90	55.20	1.15	1.50	0.88	0.78		0.28	
30	0.56	1.05	0.68	0.90	6.10	44.00	60.00	1.45	0.92	0.78		0.26	
31		1.10		0.86	5.70		27.30		0.90	0.76		0.24	
Total	17.24	30.27	26.83	85.40	139.28	456.55	272.70	114.60	30.67	25.30	12.72	9.52	1221.08 CMSDAY
Mean	0.57	0.98	0.89	2.75	4.49	15.22	8.80	3.82	0.99	0.82	0.45	0.31	3.35 CMS
Max	0.78	8.70	1.20	9.90	29.10	55.20	60.00	14.70	1.35	0.90	0.86	0.46	60.00 CMS
Min	0.52	0.52	0.68	0.60	0.78	5.30	1.15	1.40	0.84	0.76	0.24	0.20	0.20 CMS
Runoff	1.49	2.62	2.32	7.38	12.03	39.45	23.56	9.90	2.65	2.19	1.10	0.82	105.50 MCM
Momentary Peak	118.20 CMS. at 271.34 m. (MSL.) at 17.00 Hours , on Oct 30 , 2005												
Runoff Yield	8.78 Liters/Second/Square KM.			Momentary Peak Yield 310.236 Liters/Second/Square KM.									

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Don Rabiang , Sukhothai (Y.14)

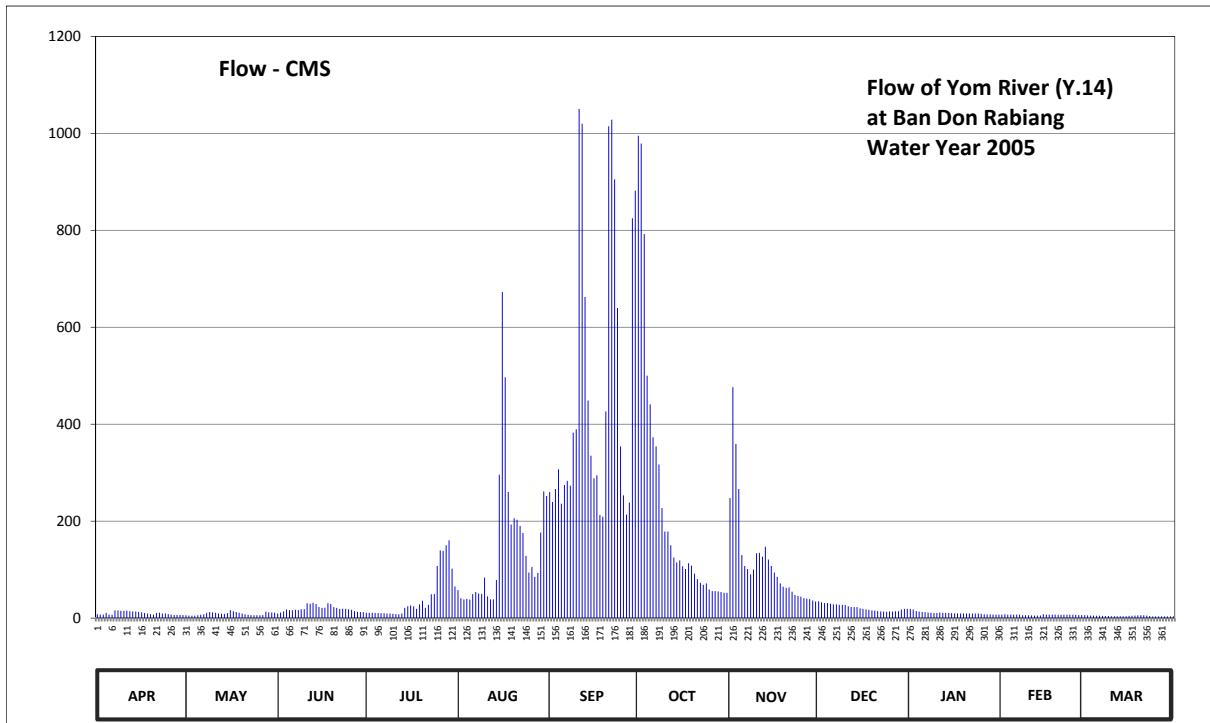
Lat 17 - 35 - 42 N Long 99 - 43 - 06 E

Location : on left bank about 50 meters from Si Satchanalai - Den Chai Highway No.101 at guidepost 44 th.

	Ban Don Rabiang	Amphoe Si Satchanalai	Changwat Sukhothai
Drainage Area	12,100 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+65.100 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of gage observer's house.	Elevation	+78.363 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1964 to date		
Rating Operation			
Period of Rating	1964 to date		
Rated by Flot	-		
Rated by Current Meter	1964 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +68.740 m.(M.S.L.) records are channel flow only.		
General Description	Records very good. Stage-discharge relation defined by 38 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.79	65.70	65.85	65.89	66.84	69.06	73.03	68.95	66.45	66.10	65.76	65.69	
2	65.77	65.67	65.90	65.88	66.56	68.88	72.97	70.62	66.41	66.07	65.79	65.68	
3	65.76	65.65	65.97	65.88	66.52	69.11	72.23	69.84	66.38	65.99	65.77	65.67	
4	65.88	65.64	66.07	65.87	66.54	69.44	70.76	69.11	66.38	65.96	65.77	65.66	
5	65.77	65.69	66.04	65.87	66.51	68.85	70.40	67.79	66.35	65.93	65.77	65.65	
6	65.75	65.75	66.03	65.86	66.71	69.18	69.94	67.52	66.32	65.92	65.76	65.64	
7	66.02	65.79	66.05	65.86	66.78	69.25	69.80	67.44	66.32	65.90	65.76	65.63	
8	66.02	65.88	66.04	65.85	66.73	69.17	69.52	67.30	66.30	65.89	65.70	65.62	
9	66.00	65.93	66.08	65.84	66.72	70.01	68.77	67.43	66.30	65.87	65.70	65.61	
10	66.00	65.91	66.09	65.83	67.22	70.06	68.30	67.83	66.29	65.87	65.69	65.60	
11	66.01	65.88	66.37	65.81	66.63	73.23	68.30	67.84	66.23	65.90	65.68	65.60	
12	65.98	65.84	66.35	65.79	66.52	73.12	68.00	67.75	66.19	65.88	65.66	65.59	
13	65.97	65.83	66.39	65.84	66.52	71.63	67.73	67.97	66.19	65.88	65.66	65.59	
14	65.96	65.83	66.33	66.15	67.15	70.45	67.61	67.68	66.19	65.87	65.66	65.60	
15	65.94	65.86	66.19	66.23	69.35	69.66	67.66	67.52	66.13	65.86	65.79	65.60	
16	65.91	66.04	66.15	66.27	71.68	69.29	67.51	67.35	66.10	65.85	65.77	65.63	
17	65.87	65.98	66.16	66.23	70.74	69.34	67.44	67.24	66.08	65.85	65.77	65.65	
18	65.84	65.93	66.37	66.10	69.06	68.64	67.59	67.05	66.05	65.85	65.77	65.66	
19	65.79	65.89	66.33	66.32	68.45	68.61	67.53	66.95	66.02	65.85	65.77	65.68	
20	65.77	65.85	66.19	66.47	68.58	70.31	67.32	66.91	66.01	65.85	65.75	65.70	
21	65.87	65.80	66.15	66.15	68.55	73.10	67.18	66.93	65.99	65.84	65.75	65.70	
22	65.89	65.75	66.10	66.30	68.42	73.15	67.07	66.79	65.97	65.84	65.75	65.66	
23	65.85	65.72	66.11	66.70	68.27	72.69	67.01	66.68	65.96	65.84	65.75	65.61	
24	65.84	65.70	66.10	66.71	67.77	71.52	67.05	66.65	65.95	65.85	65.75	65.57	
25	65.81	65.69	66.08	67.52	67.35	69.80	66.86	66.62	65.97	65.83	65.74	65.56	
26	65.76	65.70	66.05	67.89	67.49	69.00	66.81	66.57	65.96	65.79	65.73	65.57	
27	65.73	65.72	65.98	67.88	67.24	68.65	66.81	66.55	65.98	65.78	65.72	65.58	
28	65.73	65.95	65.94	68.00	67.34	68.87	66.80	66.53	65.98	65.78	65.70	65.58	
29	65.73	65.91	65.93	68.11	68.28	72.37	66.78	66.48	66.07	65.76		65.58	
30	65.72	65.90	65.92	67.45	69.07	72.60	66.75	66.44	66.10	65.77		65.58	
31		65.89		66.96	68.99		66.75		66.10	65.77		65.58	
Mean	65.86	65.82	66.11	66.44	67.76	70.30	68.33	67.48	66.15	65.87	65.74	65.62	
Max	66.02	66.04	66.39	68.11	71.68	73.23	73.03	70.62	66.45	66.10	65.79	65.70	73.23
Min	65.72	65.64	65.85	65.79	66.51	68.61	66.75	66.44	65.95	65.76	65.66	65.56	65.56
Annual Max Momentary Gage Height	73.99		m. (MSL.) ,			at 18.00 Hours ,	on Sep 11 ,	2005					
Zero Gage at Bottom Elevation	65.10		m. (MSL.) ,			River Bed	62.91	m. (MSL.)					
Left Bank Elevation	78.86		m. (MSL.) ,										
Right Bank Elevation	78.36		m. (MSL.) ,			Drainage Are	12,100	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	7.80	6.00	9.70	11.10	57.60	260.20	995.20	247.40	34.70	19.00	7.20	5.80		
2	7.40	5.40	11.50	10.80	40.80	239.50	978.90	476.40	32.60	17.80	7.80	5.60		
3	7.20	5.00	14.00	10.80	38.60	266.20	792.10	359.40	31.10	14.60	7.40	5.40		
4	10.80	4.80	17.80	10.50	39.70	307.00	500.20	266.20	31.10	13.60	7.40	5.20		
5	7.40	5.80	16.60	10.50	38.10	236.10	441.00	130.10	29.70	12.50	7.40	5.00		
6	7.00	7.00	16.20	10.10	49.60	274.60	372.90	107.60	28.40	12.20	7.20	4.80		
7	15.80	7.80	17.00	10.10	53.80	283.30	354.00	101.20	28.40	11.50	7.20	4.60		
8	15.80	10.80	16.60	9.70	50.80	273.40	317.00	90.00	27.50	11.10	6.00	4.40		
9	15.00	12.50	18.20	9.40	50.20	382.40	227.10	100.40	27.50	10.50	6.00	4.20		
10	15.00	11.90	18.60	9.00	83.60	389.40	178.50	133.80	27.10	10.50	5.80	4.00		
11	15.40	10.80	30.70	8.30	44.80	1050.40	178.50	134.80	24.40	11.50	5.60	4.00		
12	14.30	9.40	29.70	7.80	38.60	1020.00	150.00	126.70	22.60	10.80	5.20	3.90		
13	14.00	9.00	31.50	9.40	38.60	662.30	125.10	147.10	22.60	10.80	5.20	3.90		
14	13.60	9.00	28.90	21.00	78.50	449.00	114.90	120.80	22.60	10.50	5.20	4.00		
15	12.90	10.10	22.60	24.40	295.80	335.10	119.10	107.60	20.20	10.10	7.80	4.00		
16	11.90	16.60	21.00	26.10	672.80	288.30	106.80	94.00	19.00	9.70	7.40	4.60		
17	10.50	14.30	21.40	24.40	496.80	294.50	101.20	85.20	18.20	9.70	7.40	5.00		
18	9.40	12.50	30.70	19.00	260.20	212.50	113.20	71.50	17.00	9.70	7.40	5.20		
19	7.80	11.10	28.90	28.40	193.00	209.10	108.40	64.70	15.80	9.70	7.40	5.60		
20	7.40	9.70	22.60	35.90	206.00	426.60	91.60	62.20	15.40	9.70	7.00	6.00		
21	10.50	8.00	21.00	21.00	203.00	1014.50	80.60	63.40	14.60	9.40	7.00	6.00		
22	11.10	7.00	19.00	27.50	190.00	1028.30	72.90	54.40	14.00	9.40	7.00	5.20		
23	9.70	6.40	19.40	49.00	175.60	905.00	68.70	47.80	13.60	9.40	7.00	4.20		
24	9.40	6.00	19.00	49.60	128.40	639.60	71.50	46.00	13.20	9.70	7.00	3.60		
25	8.30	5.80	18.20	107.60	94.00	354.00	58.90	44.20	14.00	9.00	6.80	3.50		
26	7.20	6.00	17.00	139.50	105.20	253.00	55.60	41.40	13.60	7.80	6.60	3.60		
27	6.60	6.40	14.30	138.60	85.20	213.60	55.60	40.30	14.30	7.60	6.40	3.70		
28	6.60	13.20	12.90	150.00	93.20	238.40	55.00	39.10	14.30	7.60	6.00	3.70		
29	6.60	11.90	12.50	160.40	176.60	825.00	53.80	36.40	17.80	7.20	7.20	3.70		
30	6.40	11.50	12.20	102.00	261.40	882.00	52.00	34.20	19.00	7.40	7.40	3.70		
31		11.10		65.40	251.90		52.00		19.00	7.40		3.70		
Total	308.80	282.80	589.70	1317.30	4592.40	14213.30	7042.30	3474.30	663.30	327.40	188.80	139.80	33140.20	CMSDAY
Mean	10.30	9.10	19.70	42.50	148.10	473.80	227.20	115.80	21.40	10.60	6.70	4.50	90.80	CMS
Max	15.80	16.60	31.50	160.40	672.80	1050.40	995.20	476.40	34.70	19.00	7.80	6.00	1050.40	CMS
Min	6.40	4.80	9.70	7.80	38.10	209.10	52.00	34.20	13.20	7.20	5.20	3.50	3.50	CMS
Runoff	26.68	24.43	50.95	113.81	396.78	1228.03	608.45	300.18	57.31	28.29	16.31	12.08	2863.31	MCM
Momentary Peak	1275.00 CMS. at 73.99 m. (MSL.) at 18.00 Hours , on Sep 11 , 2005													
Runoff Yield	7.50 Liters/Second/Square KM.			Momentary Peak Yield			105.372 Liters/Second/Square KM.							

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Bang Rakam , Phitsanulok (Y.16)

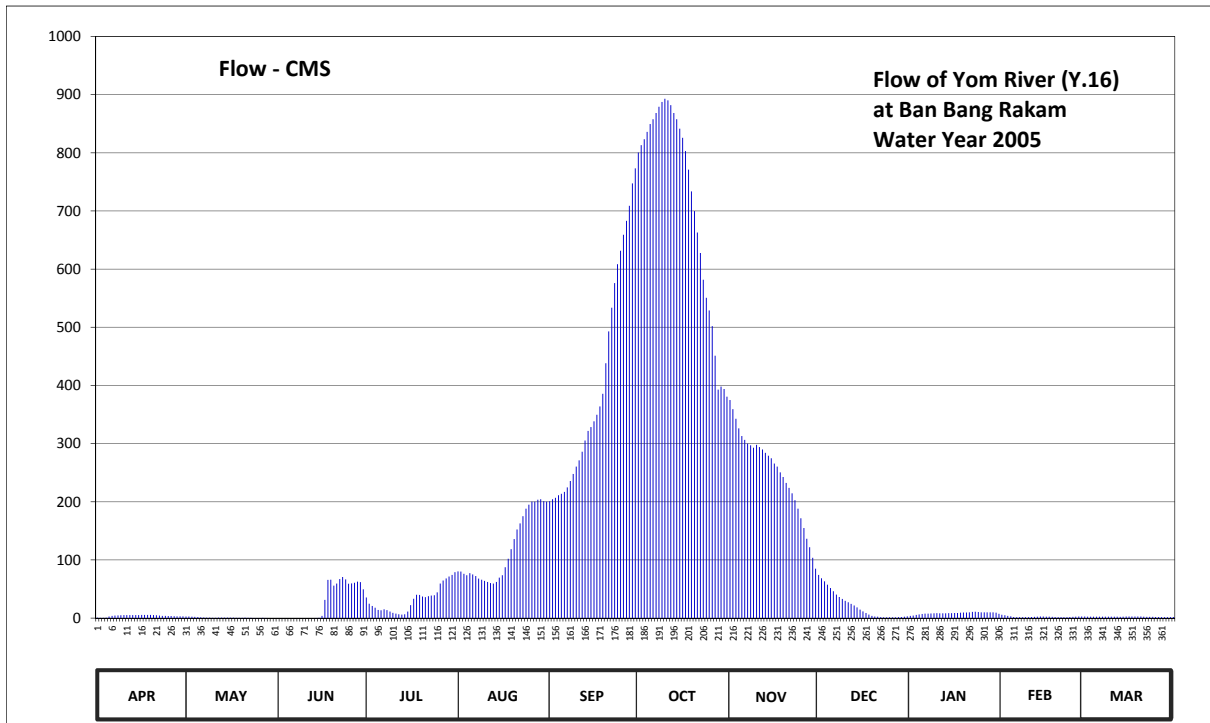
Lat 16 - 45 - 26 N Long 100 - 07 - 15 E

Location : on right bank about 58 meters upstream from the old staff gage.

	Ban	Bang Rakam	Amphoe	Bang Rakam	Changwat	Phitsanulok
Drainage Area	20,201	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+31.630	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 13 meters from the top staff gage.				Elevation	+44.368 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1967 to date					
Rating Operation						
Period of Rating	1967 , 1995 to date					
Rated by Flot	-					
Rated by Current Meter	1967 , 1995 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records very good. Stage-discharge relation defined by 14 discharge measurements made in 2005.					
Remark	The construction of the stations surveyed volume.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.87	32.08	31.80	34.06	35.43	37.47	41.66	39.24	35.28	32.17	32.38	32.06	
2	31.86	32.06	31.79	33.54	35.42	37.51	41.71	39.11	35.13	32.25	32.28	32.05	
3	31.86	32.04	31.78	33.34	35.33	37.54	41.75	38.97	34.98	32.35	32.19	32.04	
4	31.88	32.02	31.78	33.19	35.27	37.59	41.80	38.82	34.81	32.43	32.09	32.04	
5	32.06	31.98	31.77	33.00	35.36	37.62	41.85	38.70	34.65	32.51	32.00	32.05	
6	32.17	31.94	31.77	32.97	35.30	37.66	41.88	38.64	34.47	32.56	31.96	32.05	
7	32.25	31.91	31.78	33.06	35.23	37.75	41.92	38.58	34.26	32.58	31.96	32.05	
8	32.27	31.89	31.78	32.99	35.11	37.88	41.96	38.55	34.09	32.60	31.96	32.05	
9	32.29	31.87	31.77	32.86	35.06	38.02	41.99	38.51	33.95	32.63	31.95	32.05	
10	32.31	31.86	31.77	32.70	35.00	38.16	42.01	38.56	33.79	32.64	31.96	32.04	
11	32.32	31.86	31.78	32.56	34.95	38.28	42.00	38.52	33.66	32.63	31.99	32.04	
12	32.32	31.87	31.80	32.46	34.89	38.44	41.97	38.48	33.52	32.63	32.01	32.04	
13	32.32	31.89	31.81	32.39	34.87	38.63	41.92	38.42	33.39	32.63	32.04	32.03	
14	32.33	31.89	31.82	32.46	34.95	38.78	41.88	38.37	33.22	32.64	32.06	32.04	
15	32.33	31.88	31.84	32.86	35.16	38.84	41.82	38.32	33.03	32.66	32.06	32.06	
16	32.34	31.87	32.18	33.41	35.27	38.93	41.76	38.22	32.87	32.67	32.05	32.07	
17	32.35	31.87	33.86	33.97	35.59	39.03	41.67	38.16	32.68	32.69	32.04	32.07	
18	32.36	31.86	35.05	34.25	35.91	39.15	41.54	38.05	32.40	32.72	32.02	32.07	
19	32.35	31.86	35.06	34.24	36.23	39.33	41.38	37.96	32.18	32.75	31.99	32.06	
20	32.32	31.86	34.77	34.13	36.53	39.73	41.23	37.84	32.08	32.76	31.97	32.06	
21	32.28	31.87	34.87	34.08	36.79	40.10	41.05	37.74	32.04	32.80	31.96	32.05	
22	32.23	31.86	35.09	34.15	36.95	40.36	40.87	37.63	31.97	32.84	31.95	32.03	
23	32.19	31.85	35.19	34.19	37.13	40.60	40.63	37.49	31.93	32.85	31.95	32.02	
24	32.17	31.83	35.07	34.21	37.31	40.77	40.46	37.31	31.93	32.82	31.98	32.01	
25	32.16	31.83	34.86	34.41	37.40	40.89	40.33	37.08	31.93	32.80	32.01	31.99	
26	32.16	31.83	34.88	34.87	37.46	41.03	40.16	36.83	31.93	32.79	32.04	31.98	
27	32.14	31.84	34.91	35.02	37.46	41.15	39.82	36.54	31.94	32.79	32.06	31.97	
28	32.11	31.82	34.96	35.12	37.50	41.27	39.39	36.29	31.95	32.78	32.06	31.95	
29	32.10	31.80	34.94	35.21	37.51	41.44	39.43	35.95	31.98	32.78		31.95	
30	32.09	31.79	34.58	35.28	37.47	41.55	39.40	35.53	32.04	32.72		31.97	
31		31.78		35.40	37.46		39.29		32.10	32.55		32.00	
Mean	32.19	31.89	33.24	33.75	36.04	39.18	41.18	37.95	33.10	32.65	32.03	32.03	
Max	32.36	32.08	35.19	35.40	37.51	41.55	42.01	39.24	35.28	32.85	32.38	32.07	42.01
Min	31.86	31.78	31.77	32.39	34.87	37.47	39.29	35.53	31.93	32.17	31.95	31.95	31.77
Annual Max Momentary Gage Height	42.01		m. (MSL.) ,				at 06.00 Hours ,		on Oct 10 , 2005				
Zero Gage at Bottom Elevation	31.63		m. (MSL.) ,			River Bed	31.19		m. (MSL.)				
Left Bank Elevation		38.97		m. (MSL.) ,									
Right Bank Elevation		42.90		m. (MSL.) ,		Drainage Are	20,201		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.70	2.80	0.00	35.50	80.35	200.95	800.30	374.80	74.20	3.70	5.80	2.60		
2	0.60	2.60	0.00	24.80	79.90	204.35	813.05	359.20	68.55	4.50	4.80	2.50		
3	0.60	2.40	0.00	20.80	76.20	206.90	823.25	342.70	63.30	5.50	3.90	2.40		
4	0.80	2.20	0.00	17.80	73.80	211.15	836.00	326.20	57.35	6.30	2.90	2.40		
5	2.60	1.80	0.00	14.00	77.40	213.70	849.50	313.00	51.75	7.10	2.00	2.50		
6	3.70	1.40	0.00	13.40	75.00	217.10	857.60	306.40	46.10	7.60	1.60	2.50		
7	4.50	1.10	0.00	15.20	72.20	224.75	868.40	300.00	40.50	7.80	1.60	2.50		
8	4.70	0.90	0.00	13.80	67.85	235.80	879.20	297.00	36.25	8.00	1.60	2.50		
9	4.90	0.70	0.00	11.20	66.10	247.80	887.30	293.00	33.00	8.30	1.50	2.50		
10	5.10	0.60	0.00	9.00	64.00	260.40	892.90	298.00	29.80	8.40	1.60	2.40		
11	5.20	0.60	0.00	7.60	62.25	271.20	890.00	294.00	27.20	8.30	1.90	2.40		
12	5.20	0.70	0.00	6.60	60.15	286.00	881.90	290.00	24.40	8.30	2.10	2.40		
13	5.20	0.90	0.10	5.90	59.45	305.30	868.40	284.00	21.80	8.30	2.40	2.30		
14	5.30	0.90	0.20	6.60	62.25	321.80	857.60	279.30	18.40	8.40	2.60	2.40		
15	5.30	0.80	0.40	11.20	69.60	328.40	841.40	274.80	14.60	8.60	2.60	2.60		
16	5.40	0.70	3.80	22.20	73.80	338.30	825.80	265.80	11.40	8.70	2.50	2.70		
17	5.50	0.70	31.20	33.40	87.55	349.60	802.85	260.40	8.80	8.90	2.40	2.70		
18	5.60	0.60	65.75	40.25	101.95	364.00	770.90	250.50	6.00	9.20	2.20	2.70		
19	5.50	0.60	66.10	40.00	118.65	385.60	733.50	242.60	3.80	9.50	1.90	2.60		
20	5.20	0.60	55.95	37.25	135.80	438.20	699.75	232.40	2.80	9.60	1.70	2.60		
21	4.80	0.70	59.45	36.00	152.35	493.00	663.00	223.90	2.40	10.00	1.60	2.50		
22	4.30	0.60	67.15	37.75	162.75	533.60	627.65	214.55	1.70	10.80	1.50	2.30		
23	3.90	0.50	70.65	38.75	175.10	576.00	581.70	202.65	1.30	11.00	1.50	2.20		
24	3.70	0.30	66.45	39.25	188.25	608.30	550.80	188.25	1.30	10.40	1.80	2.10		
25	3.60	0.30	59.10	44.30	195.00	631.55	528.80	171.60	1.30	10.00	2.10	1.90		
26	3.60	0.30	59.80	59.45	200.10	659.00	502.00	154.95	1.30	9.90	2.40	1.80		
27	3.40	0.40	60.85	64.70	200.10	683.00	451.00	136.40	1.40	9.90	2.60	1.70		
28	3.10	0.20	62.60	68.20	203.50	708.75	392.80	121.95	1.50	9.80	2.60	1.50		
29	3.00	0.00	61.90	71.40	204.35	747.40	397.90	103.75	1.80	9.80		1.50		
30	2.90	0.00	49.40	74.20	200.95	773.25	394.00	84.85	2.40	9.20		1.70		
31		0.00		79.00	200.10		380.80		3.00	7.50		2.00		
Total	117.90	26.90	840.85	999.50	3646.80	12025.15	22150.05	7486.95	659.40	263.30	65.70	71.40	48383.90	CMSDAY
Mean	3.93	0.87	28.03	32.24	117.64	400.84	714.52	249.56	21.27	8.49	2.35	2.30	132.48	CMS
Max	5.60	2.80	70.65	79.00	204.35	773.25	892.90	374.80	74.20	11.00	5.80	2.70	892.90	CMS
Min	0.60	0.00	0.00	5.90	59.45	200.95	380.80	84.85	1.30	3.70	1.50	1.50	0.00	CMS
Runoff	10.19	2.32	72.65	86.36	315.08	1038.97	1913.77	646.87	56.97	22.75	5.68	6.17	4177.78	MCM
Momentary Peak	892.90 CMS. at 42.01 m. (MSL.) at 06.00 Hours , on Oct 10 , 2005													
Runoff Yield	6.56 Liters/Second/Square KM.			Momentary Peak Yield				44.201 Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Sam Ngam , Phichit (Y.17)

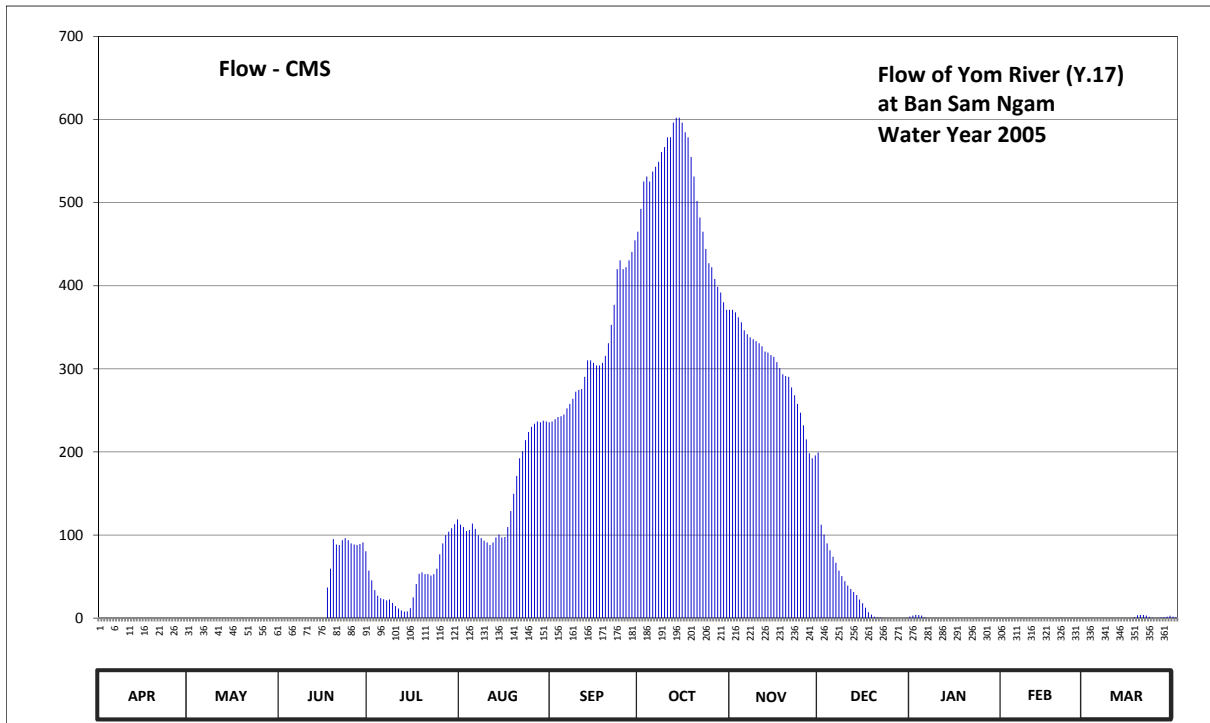
Lat 16 - 30 - 24 N Long 100 - 12 - 27 E

Location : on left bank at the bridge on highway from in front of Amphoe Sam Ngam office.

	Ban Sam Ngam	Amphoe Sam Ngam	Changwat Phichit
Drainage Area	22,034 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+31.490 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 50 meters from Amphoe Sam Ngam Office.	Elevation	+41.843 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1967 , 1990 to date		
Rated by Flot	-		
Rated by Current Meter	1967 , 1990 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 14 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.80	31.80	31.80	33.35	34.22	35.74	37.39	36.94	34.22	31.95	31.19	31.19	
2	31.80	31.80	31.80	33.13	34.18	35.77	37.45	36.92	34.05	31.99	31.40	31.19	
3	31.80	31.80	31.80	32.88	34.11	35.80	37.46	36.88	33.89	31.98	31.40	31.19	
4	31.80	31.80	31.80	32.73	34.13	35.81	37.45	36.84	33.76	31.95	31.40	31.19	
5	31.80	31.80	31.80	32.67	34.24	35.83	37.47	36.77	33.63	31.85	31.40	31.19	
6	31.80	31.80	31.80	32.64	34.15	35.90	37.48	36.73	33.51	31.77	31.40	31.19	
7	31.80	31.80	31.80	32.61	34.04	35.95	37.49	36.70	33.35	31.67	31.40	31.21	
8	31.80	31.80	31.80	32.63	33.99	36.01	37.51	36.68	33.23	31.57	31.40	31.31	
9	31.80	31.80	31.80	32.52	33.94	36.09	37.52	36.66	33.11	31.47	31.40	31.41	
10	31.80	31.80	31.80	32.41	33.91	36.11	37.54	36.64	33.00	31.35	31.40	31.50	
11	31.80	31.80	31.80	32.32	33.86	36.12	37.54	36.61	32.91	31.26	31.40	31.55	
12	31.80	31.80	31.80	32.24	33.91	36.26	37.57	36.55	32.83	31.15	31.40	31.60	
13	31.80	31.80	31.80	32.19	34.00	36.45	37.58	36.54	32.75	30.99	31.40	31.65	
14	31.80	31.80	31.80	32.20	34.05	36.45	37.58	36.51	32.63	30.99	31.40	31.70	
15	31.80	31.80	31.80	32.33	34.00	36.42	37.57	36.49	32.51	30.99	31.40	31.75	
16	31.80	31.80	31.79	32.69	34.01	36.39	37.55	36.43	32.35	30.99	31.40	31.80	
17	31.80	31.80	32.95	33.04	34.18	36.39	37.54	36.36	32.16	30.99	31.40	31.85	
18	31.80	31.80	33.39	33.28	34.45	36.42	37.50	36.29	32.01	30.99	31.40	31.97	
19	31.80	31.80	33.97	33.31	34.72	36.50	37.46	36.27	31.89	30.99	31.40	31.99	
20	31.80	31.80	33.87	33.27	34.99	36.64	37.41	36.26	31.84	30.99	31.40	31.99	
21	31.80	31.80	33.86	33.27	35.24	36.82	37.36	36.14	31.84	30.99	31.40	31.95	
22	31.80	31.80	33.95	33.24	35.34	36.98	37.31	36.05	31.81	30.99	31.40	31.88	
23	31.80	31.80	33.99	33.27	35.49	37.17	37.25	35.95	31.71	30.99	31.40	31.83	
24	31.80	31.80	33.95	33.39	35.60	37.21	37.20	35.85	31.54	30.99	31.40	31.79	
25	31.80	31.80	33.89	33.68	35.67	37.17	37.18	35.69	31.33	30.99	31.40	31.81	
26	31.80	31.80	33.87	33.89	35.71	37.18	37.12	35.50	31.13	30.99	31.40	31.83	
27	31.80	31.80	33.86	34.04	35.74	37.21	37.08	35.31	30.99	30.99	31.40	31.86	
28	31.80	31.80	33.88	34.10	35.73	37.24	37.05	35.24	30.98	30.99	31.40	31.89	
29	31.80	31.80	33.91	34.16	35.75	37.28	37.00	35.28	31.57	31.52	31.40	31.94	
30	31.80	31.80	33.74	34.23	35.74	37.31	36.94	35.32	31.81	31.57	31.40	31.89	
31		31.80		34.31	35.73		36.94		31.90	31.52		31.86	
Mean	31.80	31.80	32.73	33.10	34.67	36.49	37.37	36.28	32.46	31.30	31.39	31.64	
Max	31.80	31.80	33.99	34.31	35.75	37.31	37.58	36.94	34.22	31.99	31.40	31.99	37.58
Min	31.80	31.80	31.79	32.19	33.86	35.74	36.94	35.24	30.98	30.99	31.19	31.19	30.98
Annual Max Momentary Gage Height	37.58		m. (MSL.) ,				at 06.00 Hours ,						on Oct 13 , 2005
Zero Gage at Bottom Elevation	31.49		m. (MSL.) ,			River Bed	30.33		m. (MSL.)				
Left Bank Elevation		40.98		m. (MSL.) ,									
Right Bank Elevation		39.57		m. (MSL.) ,		Drainage Are	22,034		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	57.25	112.40	236.60	492.55	371.00	112.40	3.00	0.00	0.00	
2	0.00	0.00	0.00	45.50	109.60	239.30	525.50	368.00	100.50	3.80	0.00	0.00	
3	0.00	0.00	0.00	33.60	104.70	242.00	531.40	362.00	89.85	3.60	0.00	0.00	
4	0.00	0.00	0.00	26.85	106.10	243.05	525.50	356.00	81.60	3.00	0.00	0.00	
5	0.00	0.00	0.00	24.15	113.80	245.15	537.30	346.40	73.80	1.00	0.00	0.00	
6	0.00	0.00	0.00	22.80	107.50	252.50	543.20	341.60	66.60	0.00	0.00	0.00	
7	0.00	0.00	0.00	21.45	99.80	257.75	549.10	338.00	57.25	0.00	0.00	0.00	
8	0.00	0.00	0.00	22.35	96.35	264.05	560.90	335.60	50.65	0.00	0.00	0.00	
9	0.00	0.00	0.00	18.20	93.10	272.45	566.80	333.20	44.50	0.00	0.00	0.00	
10	0.00	0.00	0.00	14.35	91.15	274.55	578.60	330.80	39.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	11.60	87.90	275.60	578.60	327.20	34.95	0.00	0.00	0.00	
12	0.00	0.00	0.00	9.20	91.15	290.30	596.30	320.75	31.35	0.00	0.00	0.00	
13	0.00	0.00	0.00	7.80	97.00	310.25	602.20	319.70	27.75	0.00	0.00	0.00	
14	0.00	0.00	0.00	8.00	100.50	310.25	602.20	316.55	22.35	0.00	0.00	0.00	
15	0.00	0.00	0.00	11.90	97.00	307.10	596.30	314.45	17.85	0.00	0.00	0.00	
16	0.00	0.00	0.00	25.05	97.70	303.95	584.50	308.15	12.50	0.00	0.00	0.00	
17	0.00	0.00	36.75	41.00	109.60	303.95	578.60	300.80	7.20	0.00	0.00	1.00	
18	0.00	0.00	59.45	53.40	128.75	307.10	555.00	293.45	4.20	0.00	0.00	3.40	
19	0.00	0.00	95.05	55.05	149.60	315.50	531.40	291.35	1.80	0.00	0.00	3.80	
20	0.00	0.00	88.55	52.85	171.20	330.80	501.90	290.30	0.80	0.00	0.00	3.80	
21	0.00	0.00	87.90	52.85	192.40	353.00	482.20	277.70	0.80	0.00	0.00	3.00	
22	0.00	0.00	93.75	51.20	200.90	377.00	464.95	268.25	0.20	0.00	0.00	1.60	
23	0.00	0.00	96.35	52.85	214.10	419.95	444.25	257.75	0.00	0.00	0.00	0.60	
24	0.00	0.00	93.75	59.45	224.00	430.45	427.00	247.25	0.00	0.00	0.00	0.00	
25	0.00	0.00	89.85	76.80	230.30	419.95	422.30	232.10	0.00	0.00	0.00	0.20	
26	0.00	0.00	88.55	89.85	233.90	422.30	408.20	215.00	0.00	0.00	0.00	0.60	
27	0.00	0.00	87.90	99.80	236.60	430.45	398.80	198.35	0.00	0.00	0.00	1.20	
28	0.00	0.00	89.20	104.00	235.70	440.80	391.75	192.40	0.00	0.00	0.00	1.80	
29	0.00	0.00	91.15	108.20	237.50	454.60	380.00	195.80	0.00	0.00	0.00	2.80	
30	0.00	0.00	80.40	113.10	236.60	464.95	371.00	199.20	0.20	0.00	0.00	1.80	
31	0.00	0.00	118.70	235.70			371.00		2.00	0.00		1.20	
Total	0.00	0.00	1178.60	1489.15	4642.60	9795.65	15699.30	8849.10	880.10	14.40	0.00	26.80	42575.70 CMSDAY
Mean	0.00	0.00	39.29	48.04	149.76	326.52	506.43	294.97	28.39	0.46	0.00	0.86	116.65 CMS
Max	0.00	0.00	96.35	118.70	237.50	464.95	602.20	371.00	112.40	3.80	0.00	3.80	602.20 CMS
Min	0.00	0.00	0.00	7.80	87.90	236.60	371.00	192.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	101.83	128.66	401.12	846.34	1356.42	764.56	76.04	1.24	0.00	2.32	3678.54 MCM
Momentary Peak	602.20	CMS. at 37.58 m. (MSL.) at 06.00 Hours , on Oct 13 , 2005											
Runoff Yield	5.29	Liters/Second/Square KM.		Momentary Peak Yield		27.330	Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Huai Sak , Phrae (Y.20)

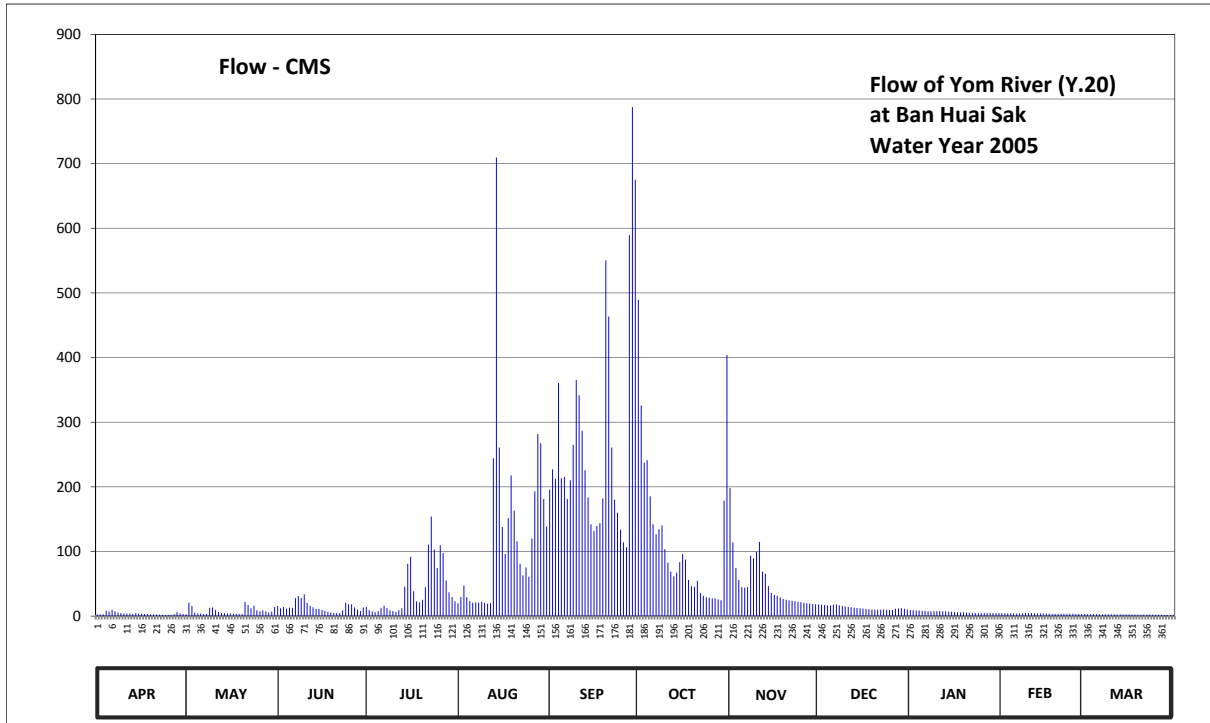
Lat 18 - 35 - 06 N Long 100 - 09 - 16 E

Location : on left bank about 1 kilometer downstream from Sop Ngao.

	Ban Huai Sak	Amphoe Song	Changwat Phrae
Drainage Area	5,394 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+181.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+193.552 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1971 to date		
Rating Operation			
Period of Rating	1972 to date		
Rated by Flot	-		
Rated by Current Meter	1972 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Mae yom weir situated about 15 kilometers above site. Stage-discharge relation defined by 121 discharge measurements made in 2005.		

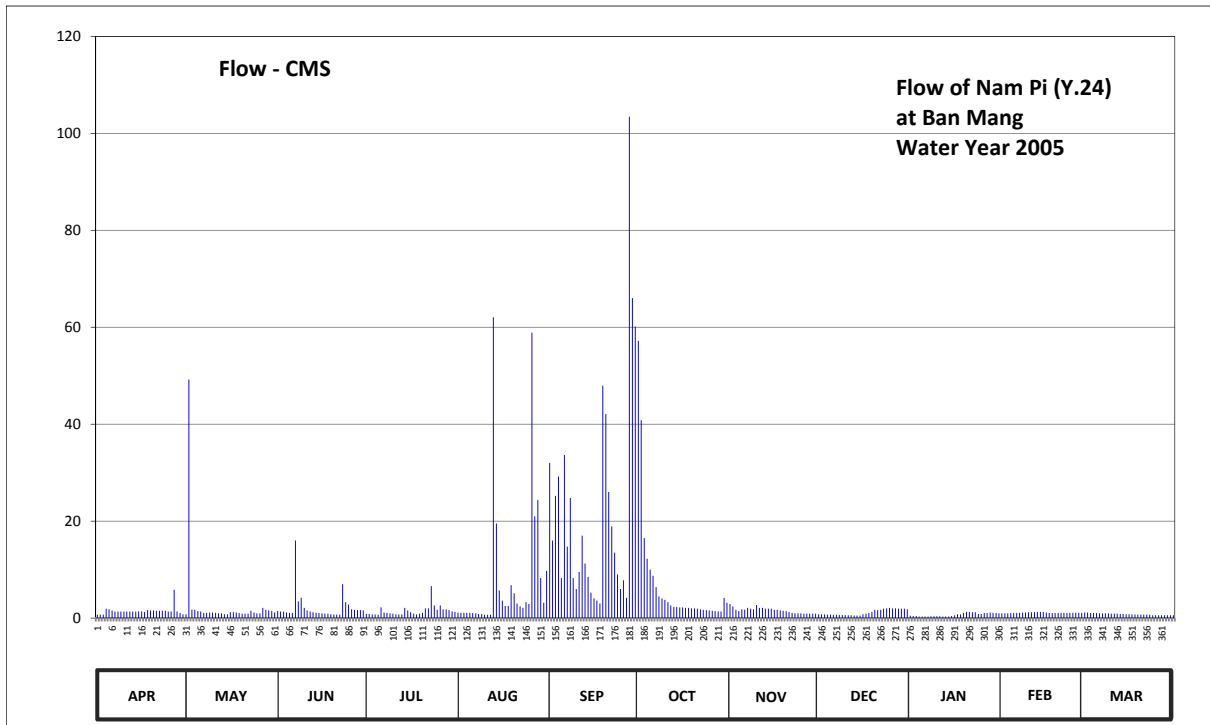
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	181.77	181.78	182.42	182.36	182.59	184.96	187.01	184.99	182.52	182.18	181.96	181.82	
2	181.77	182.64	182.28	182.17	182.93	185.32	186.08	184.00	182.50	182.17	181.95	181.80	
3	181.77	182.42	182.36	182.09	183.19	185.16	185.40	183.53	182.48	182.15	181.93	181.79	
4	182.14	182.02	182.26	182.04	182.92	186.34	185.43	183.30	182.46	182.15	181.94	181.79	
5	182.09	181.93	182.32	182.11	182.73	185.17	184.84	183.16	182.45	182.13	181.93	181.79	
6	182.19	181.89	182.31	182.29	182.63	185.19	184.33	183.15	182.51	182.13	181.89	181.78	
7	182.10	181.85	182.88	182.44	182.65	184.79	184.15	183.16	182.52	182.11	181.93	181.78	
8	182.02	181.82	182.97	182.29	182.63	185.13	184.24	183.76	182.46	182.10	181.94	181.78	
9	181.97	182.31	182.89	182.17	182.68	185.61	184.31	183.71	182.42	182.11	181.99	181.77	
10	181.93	182.33	183.02	182.12	182.62	186.37	183.88	183.83	182.39	182.11	181.99	181.76	
11	181.89	182.19	182.63	182.07	182.57	186.20	183.63	184.01	182.36	182.13	181.96	181.76	
12	181.86	182.06	182.43	182.16	182.60	185.78	183.46	183.46	182.35	182.10	181.93	181.75	
13	181.83	182.00	182.34	182.28	185.45	185.31	183.37	183.42	182.32	182.10	181.92	181.76	
14	181.97	181.97	182.24	183.17	187.92	184.82	183.44	183.18	182.30	182.08	181.91	181.77	
15	181.88	181.93	182.24	183.61	185.58	184.33	183.64	183.05	182.28	182.07	181.91	181.76	
16	181.84	181.91	182.18	183.74	184.28	184.21	183.79	183.01	182.26	182.06	181.89	181.77	
17	181.82	181.88	182.13	183.08	183.79	184.30	183.69	182.98	182.24	182.04	181.86	181.75	
18	181.80	181.87	182.07	182.71	184.44	184.35	183.30	182.91	182.23	182.03	181.85	181.74	
19	181.78	181.85	182.02	182.65	185.22	184.80	183.18	182.84	182.21	182.04	181.84	181.74	
20	181.76	181.82	181.98	182.81	184.58	187.27	183.17	182.81	182.20	182.02	181.84	181.73	
21	181.75	182.68	181.96	183.16	184.02	186.90	183.28	182.77	182.20	182.01	181.86	181.73	
22	181.73	182.49	181.96	183.96	183.61	185.58	183.05	182.75	182.20	181.99	181.88	181.74	
23	181.71	182.28	182.16	184.47	183.39	184.78	182.98	182.72	182.21	181.98	181.87	181.74	
24	181.70	182.44	182.63	183.87	183.54	184.54	182.92	182.68	182.19	181.98	181.86	181.74	
25	181.70	182.16	182.52	183.53	183.36	184.23	182.90	182.66	182.19	181.98	181.87	181.72	
26	181.68	182.10	182.53	183.95	184.07	184.00	182.87	182.62	182.19	181.99	181.85	181.71	
27	181.79	182.16	182.33	183.81	184.93	183.91	182.87	182.59	182.25	181.99	181.85	181.69	
28	182.05	182.10	182.21	183.29	185.74	187.43	182.82	182.58	182.27	182.00	181.83	181.68	
29	181.92	182.03	182.12	183.06	185.63	188.24	182.78	182.55	182.29	181.98	181.86	181.68	
30	181.82	182.08	182.33	182.93	184.79	187.78	184.76	182.53	182.25	181.97	181.86	181.68	
31		182.36		182.72	184.29		186.62		182.21	181.97		181.69	
Mean	181.87	182.11	182.36	182.87	183.92	185.43	183.94	183.16	182.32	182.06	181.90	181.75	
Max	182.19	182.68	183.02	184.47	187.92	188.24	187.01	184.99	182.52	182.18	181.99	181.82	188.24
Min	181.68	181.78	181.96	182.04	182.57	183.91	182.78	182.53	182.19	181.97	181.83	181.68	181.68
Annual Max Momentary Gage Height	188.88		m. (MSL.) ,				at 16.00 Hours ,						
Zero Gage at Bottom Elevation	181.00		m. (MSL.) ,			River Bed	179.44	m. (MSL.)					
Left Bank Elevation		193.51		m. (MSL.) ,									
Right Bank Elevation		193.53		m. (MSL.) ,		Drainage Are	5,394	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.70	2.80	15.50	14.00	19.75	195.60	489.35	198.15	18.00	9.50	4.60	3.20		
2	2.70	21.00	12.00	9.25	29.55	227.10	325.90	114.00	17.50	9.25	4.50	3.00		
3	2.70	15.50	14.00	7.25	47.20	212.60	237.50	74.40	17.00	8.75	4.30	2.90		
4	8.50	5.50	11.50	6.00	29.20	360.70	241.40	56.00	16.50	8.75	4.40	2.90		
5	7.25	4.30	13.00	7.75	23.25	213.45	185.40	44.80	16.25	8.25	4.30	2.90		
6	9.75	3.90	12.75	12.25	20.75	215.15	142.05	44.00	17.75	8.25	3.90	2.80		
7	7.50	3.50	27.80	16.00	21.25	181.15	126.75	44.80	18.00	7.75	4.30	2.80		
8	5.50	3.20	30.95	12.25	20.75	210.05	134.40	93.60	16.50	7.50	4.40	2.80		
9	4.70	12.75	28.15	9.25	22.00	264.80	140.35	89.35	15.50	7.75	4.90	2.70		
10	4.30	13.25	33.60	8.00	20.50	365.35	103.80	99.55	14.75	7.75	4.90	2.60		
11	3.90	9.75	20.75	6.75	19.25	341.50	82.55	114.85	14.00	8.25	4.60	2.60		
12	3.60	6.50	15.75	9.00	20.00	286.90	68.80	68.80	13.75	7.50	4.30	2.50		
13	3.30	5.00	13.50	12.00	244.00	225.80	61.60	65.60	13.00	7.50	4.20	2.60		
14	4.70	4.70	11.00	45.60	709.40	183.70	67.20	46.40	12.50	7.00	4.10	2.70		
15	3.80	4.30	11.00	80.85	260.90	142.05	83.40	36.00	12.00	6.75	4.10	2.60		
16	3.40	4.10	9.50	91.90	137.80	131.85	96.15	32.80	11.50	6.50	3.90	2.70		
17	3.20	3.80	8.25	38.40	96.15	139.50	87.65	31.30	11.00	6.00	3.60	2.50		
18	3.00	3.70	6.75	22.75	151.40	143.75	56.00	28.85	10.75	5.75	3.50	2.40		
19	2.80	3.50	5.50	21.25	217.70	182.00	46.40	26.40	10.25	6.00	3.40	2.40		
20	2.60	3.20	4.80	25.35	163.30	550.45	45.60	25.35	10.00	5.50	3.40	2.30		
21	2.50	22.00	4.60	44.80	115.70	463.50	54.40	24.25	10.00	5.25	3.60	2.30		
22	2.30	17.25	4.60	110.60	80.85	260.90	36.00	23.75	10.00	4.90	3.80	2.40		
23	2.10	12.00	9.00	153.95	63.20	180.30	31.30	23.00	10.25	4.80	3.70	2.40		
24	2.00	16.00	20.75	102.95	75.20	159.90	29.20	22.00	9.75	4.80	3.60	2.40		
25	2.00	9.00	18.00	74.40	60.80	133.55	28.50	21.50	9.75	4.80	3.70	2.20		
26	1.80	7.50	18.25	109.75	119.95	114.00	27.45	20.50	9.75	4.90	3.50	2.10		
27	2.90	9.00	13.25	97.85	193.05	106.35	27.45	19.75	11.25	4.90	3.50	1.90		
28	6.25	7.50	10.25	55.20	281.70	589.35	25.70	19.50	11.75	5.00	3.30	1.80		
29	4.20	5.75	8.00	36.80	267.40	787.80	24.50	18.75	12.25	4.80		1.80		
30	3.20	7.00	13.25	29.55	181.15	675.10	178.60	18.25	11.25	4.70		1.80		
31		14.00		23.00	138.65		404.10		10.25	4.70		1.90		
Total	119.15	261.25	426.00	1294.70	3851.75	8244.20	3689.45	1546.25	402.75	203.80	112.30	76.90	20228.50	CMSDAY
Mean	3.97	8.43	14.20	41.76	124.25	274.81	119.01	51.54	12.99	6.57	4.01	2.48	55.42	CMS
Max	9.75	22.00	33.60	153.95	709.40	787.80	489.35	198.15	18.00	9.50	4.90	3.20	787.80	CMS
Min	1.80	2.80	4.60	6.00	19.25	106.35	24.50	18.25	9.75	4.70	3.30	1.80	1.80	CMS
Runoff	10.30	22.57	36.81	111.86	332.79	712.30	318.77	133.60	34.80	17.61	9.70	6.64	1747.74	MCM
Momentary Peak	1020.00 CMS. at 188.88 m. (MSL.) at 16.00 Hours , on Sep 28 , 2005													
Runoff Yield	10.27 Liters/Second/Square KM.			Momentary Peak Yield 189.099 Liters/Second/Square KM.										



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	0.80	1.46	0.86	1.16	32.00	57.20	2.90	0.80	0.48	0.98	1.16	
2	0.72	49.22	1.34	0.86	1.10	16.00	40.82	2.40	0.78	0.44	0.98	1.16	
3	0.72	1.76	1.34	0.76	1.10	25.20	16.50	1.70	0.76	0.42	0.98	1.04	
4	1.94	1.76	1.16	0.76	1.10	29.20	12.25	1.46	0.74	0.34	1.04	1.04	
5	1.82	1.46	1.10	0.70	1.10	8.25	10.00	1.82	0.72	0.34	1.04	1.04	
6	1.58	1.34	1.10	2.20	1.04	33.68	8.75	1.76	0.70	0.34	1.10	0.98	
7	1.34	1.10	16.00	1.16	0.98	14.75	6.40	2.10	0.68	0.34	1.10	0.98	
8	1.34	1.10	3.45	1.10	0.86	24.80	4.50	1.94	0.66	0.40	1.16	0.98	
9	1.34	1.16	4.20	0.98	0.86	8.25	4.05	1.82	0.64	0.40	1.16	0.98	
10	1.34	1.16	2.10	0.92	0.70	6.00	3.75	2.70	0.62	0.38	1.22	0.92	
11	1.34	1.10	1.58	0.80	0.68	9.50	3.30	2.10	0.60	0.38	1.22	0.92	
12	1.34	0.98	1.40	0.76	0.68	17.00	2.60	2.10	0.58	0.34	1.22	0.92	
13	1.34	0.98	1.22	0.76	62.06	11.25	2.30	1.94	0.54	0.32	1.28	0.86	
14	1.34	0.80	1.10	2.10	19.50	8.50	2.30	1.94	0.54	0.32	1.28	0.86	
15	1.40	0.80	1.04	1.58	5.70	5.25	2.20	1.94	0.54	0.44	1.28	0.78	
16	1.40	1.22	0.98	1.22	3.60	4.05	2.20	1.70	0.80	0.56	1.16	0.78	
17	1.28	1.22	0.92	0.92	2.50	3.60	2.10	1.70	0.92	0.78	1.04	0.76	
18	1.64	1.16	0.92	0.76	2.50	3.00	2.10	1.58	1.10	0.76	1.04	0.76	
19	1.58	1.04	0.80	0.92	6.80	47.96	2.00	1.52	1.28	1.10	1.04	0.74	
20	1.58	0.92	0.74	1.10	5.10	42.08	2.00	1.46	1.70	1.28	1.04	0.74	
21	1.52	0.92	0.74	2.00	3.00	26.00	1.94	1.28	1.64	1.28	1.10	0.72	
22	1.52	0.92	0.74	2.00	2.40	18.90	1.82	1.10	1.70	1.22	1.10	0.72	
23	1.52	1.52	7.00	6.60	2.10	13.50	1.70	0.98	1.94	1.22	1.10	0.70	
24	1.52	1.16	3.30	2.60	3.30	9.00	1.64	0.98	2.00	0.86	1.10	0.60	
25	1.34	0.98	2.80	1.70	2.90	6.00	1.58	0.98	2.10	0.86	1.10	0.60	
26	1.40	0.98	1.82	2.60	58.88	7.80	1.52	0.92	2.00	1.04	1.10	0.60	
27	5.85	2.10	1.70	1.82	21.00	4.20	1.46	0.92	2.00	1.04	1.10	0.58	
28	1.40	1.70	1.64	1.82	24.40	103.43	1.40	0.92	1.94	1.16	1.10	0.58	
29	1.04	1.58	1.64	1.64	8.25	66.02	1.34	0.92	1.94	1.10		0.58	
30	0.80	1.46	1.58	1.40	3.15	60.14	4.20	0.92	1.94	1.04		0.58	
31		1.16		1.28	9.75		3.15		1.82	0.98		0.58	
Total	44.99	85.56	66.91	46.68	258.25	665.31	209.07	48.50	36.72	21.96	31.16	25.24	1540.35 CMSDAY
Mean	1.50	2.76	2.23	1.51	8.33	22.18	6.74	1.62	1.18	0.71	1.11	0.81	4.22 CMS
Max	5.85	49.22	16.00	6.60	62.06	103.43	57.20	2.90	2.10	1.28	1.28	1.16	103.43 CMS
Min	0.70	0.80	0.74	0.70	0.68	3.00	1.34	0.92	0.54	0.32	0.98	0.58	0.32 CMS
Runoff	3.89	7.39	5.78	4.03	22.31	57.48	18.06	4.19	3.17	1.90	2.69	2.18	133.09 MCM
Momentary Peak		143.50 CMS.											at 262.47 m. (MSL.) at 08.00 Hours , on May 2 , 2005
Runoff Yield		7.15											Liters/Second/Square KM. Momentary Peak Yield 243.220 Liters/Second/Square KM.

WATER YEAR : 2005

YOM RIVER BASIN

Nam Mae Suat at Ban Pa Wai Mai, Nan (Y.25)

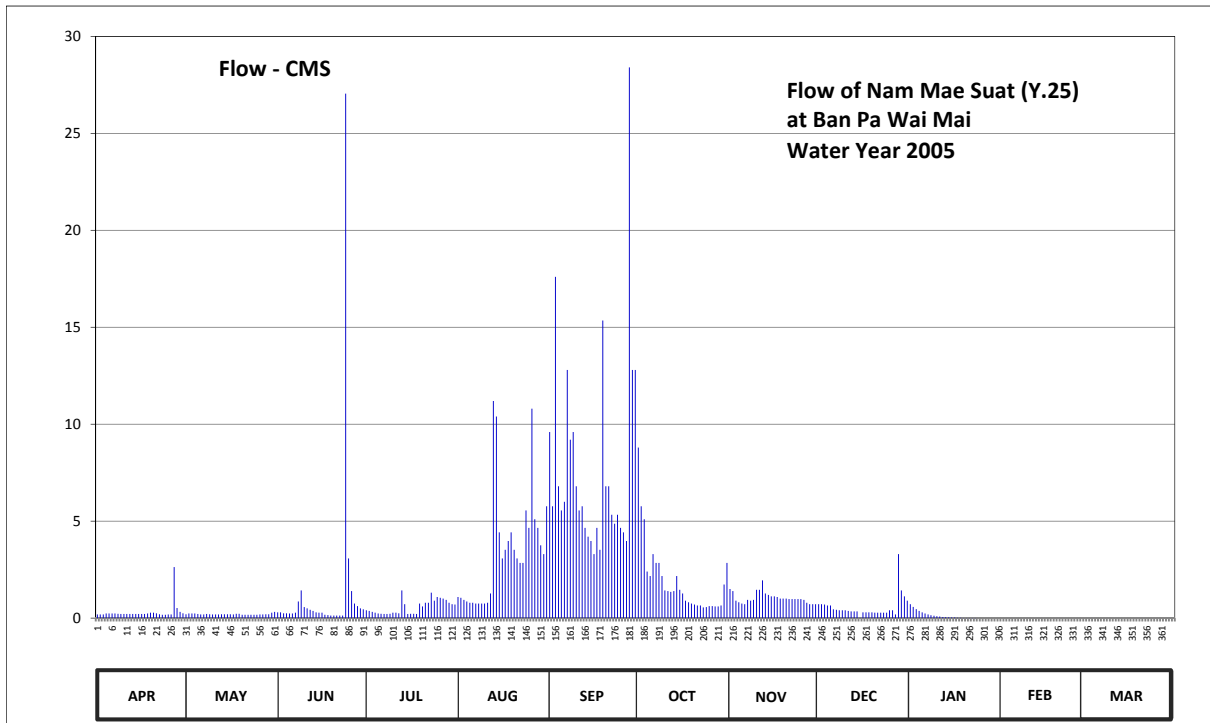
Lat 18 - 50 - 28 N Long 100 - 25 - 55 E

Location : on left bank at the bridge of Phayao - Nan Highway and about 1.5 kilometers from Amphoe Ban Luang.

	Ban Pa Wai Mai	Amphoe Ban Luang	Changwat Nan
Drainage Area	203 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+339.742 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 6.00 meters from the abutment of the bridge.	Elevation	+345.692 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1980 to date		
Rating Operation			
Period of Rating	1980 - 1988 , 2000 to date		
Rated by Flot	-		
Rated by Current Meter	1980 - 1988 , 2000 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage - discharge relation defined by 4 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	339.95	339.96	340.02	340.06	340.29	340.69	340.67	340.40	340.19	340.26	340.35	340.00	
2	339.95	339.99	340.02	340.05	340.28	340.59	340.59	340.37	340.19	340.26	340.35	340.00	
3	339.95	339.99	340.00	340.03	340.25	340.88	340.56	340.24	340.18	340.27	340.35	340.00	
4	339.99	339.99	340.00	340.01	340.23	340.62	340.44	340.22	340.16	340.31	340.35	340.00	
5	339.99	339.97	339.99	339.99	340.21	340.58	340.43	340.20	340.16	340.33	340.35	340.00	
6	339.99	339.95	339.99	339.98	340.21	340.60	340.48	340.19	340.08	340.35	340.35	340.00	
7	339.99	339.95	340.01	339.97	340.20	340.77	340.46	340.25	340.07	340.35	340.35	340.00	
8	339.98	339.97	340.23	339.97	340.20	340.68	340.46	340.24	340.06	340.35	340.35	340.00	
9	339.97	339.96	340.38	339.98	340.20	340.69	340.43	340.25	340.06	340.35	340.35	340.00	
10	339.97	339.95	340.13	340.01	340.20	340.62	340.38	340.39	340.06	340.35	340.35	340.00	
11	339.97	339.95	340.10	340.01	340.21	340.58	340.37	340.39	340.05	340.35	340.35	340.00	
12	339.97	339.95	340.07	340.00	340.34	340.59	340.36	340.42	340.04	340.35	340.35	340.00	
13	339.97	339.96	340.05	340.38	340.73	340.54	340.37	340.34	340.04	340.35	340.35	339.98	
14	339.97	339.96	340.02	340.19	340.71	340.52	340.43	340.32	340.04	340.35	340.35	339.98	
15	339.97	339.96	340.01	339.97	340.53	340.51	340.39	340.30	340.03	340.35	340.35	339.98	
16	339.97	339.96	340.01	339.98	340.47	340.48	340.34	340.30	340.02	340.35	340.35	339.98	
17	339.97	339.95	339.94	339.98	340.49	340.54	340.24	340.29	340.02	340.35	340.35	339.98	
18	339.99	339.98	339.93	339.97	340.51	340.49	340.22	340.27	340.02	340.35	340.35	339.98	
19	340.01	339.98	339.91	340.20	340.53	340.83	340.20	340.27	340.02	340.35	340.35	339.98	
20	340.01	339.94	339.91	340.14	340.49	340.62	340.18	340.27	340.01	340.35	340.35	339.98	
21	340.00	339.94	339.91	340.21	340.47	340.62	340.16	340.26	340.01	340.35	340.35	339.98	
22	339.96	339.94	339.91	340.21	340.46	340.57	340.16	340.26	340.01	340.35	340.35	339.98	
23	339.94	339.94	339.91	340.35	340.46	340.55	340.12	340.26	340.01	340.35	340.35	339.96	
24	339.94	339.94	341.09	340.24	340.58	340.57	340.13	340.26	340.01	340.35	340.35	339.96	
25	339.95	339.94	340.47	340.29	340.54	340.54	340.15	340.26	340.06	340.35	340.35	339.96	
26	339.95	339.95	340.37	340.28	340.72	340.53	340.15	340.25	340.06	340.35	340.35	339.95	
27	340.45	339.95	340.20	340.27	340.56	340.51	340.14	340.21	339.95	340.35	340.35	339.95	
28	340.11	339.96	340.15	340.25	340.54	341.12	340.14	340.19	340.48	340.35	340.35	339.95	
29	340.03	339.96	340.10	340.21	340.50	340.77	340.16	340.19	340.38	340.35		339.95	
30	340.00	340.01	340.08	340.19	340.48	340.77	340.41	340.19	340.30	340.35		339.95	
31		340.03		340.18	340.59		340.46		340.24	340.35		339.95	
Mean	340.00	339.96	340.10	340.11	340.43	340.63	340.33	340.28	340.10	340.34	340.35	339.98	
Max	340.45	340.03	341.09	340.38	340.73	341.12	340.67	340.42	340.48	340.35	340.35	340.00	341.12
Min	339.94	339.94	339.91	339.97	340.20	340.48	340.12	340.19	339.95	340.26	340.35	339.95	339.91
Annual Max Momentary Gage Height	341.56		m. (MSL.) ,				at 04.00 Hours , on Sep 28 , 2005						
Zero Gage at Bottom Elevation	339.74		m. (MSL.) ,			River Bed	339.26		m. (MSL.)				
Left Bank Elevation		346.09		m. (MSL.) ,									
Right Bank Elevation		346.08		m. (MSL.) ,		Drainage Are	203		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	0.20	0.30	0.40	1.09	9.60	8.80	1.50	0.72	0.72	0.00	0.00	
2	0.19	0.24	0.30	0.37	1.05	5.77	5.77	1.39	0.72	0.58	0.00	0.00	
3	0.19	0.24	0.25	0.32	0.94	17.60	5.10	0.90	0.70	0.46	0.00	0.00	
4	0.24	0.24	0.25	0.28	0.86	6.80	2.40	0.82	0.65	0.37	0.00	0.00	
5	0.24	0.21	0.24	0.24	0.79	5.55	2.17	0.75	0.65	0.30	0.00	0.00	
6	0.24	0.19	0.24	0.22	0.79	6.00	3.30	0.72	0.45	0.24	0.00	0.00	
7	0.24	0.19	0.28	0.21	0.75	12.80	2.85	0.94	0.43	0.19	0.00	0.00	
8	0.22	0.21	0.86	0.21	0.75	9.20	2.85	0.90	0.40	0.15	0.00	0.00	
9	0.21	0.20	1.43	0.22	0.75	9.60	2.17	0.94	0.40	0.12	0.00	0.00	
10	0.21	0.19	0.57	0.28	0.75	6.80	1.43	1.46	0.40	0.10	0.00	0.00	
11	0.21	0.19	0.50	0.28	0.79	5.55	1.39	1.46	0.37	0.08	0.00	0.00	
12	0.21	0.19	0.43	0.25	1.27	5.77	1.35	1.95	0.35	0.06	0.00	0.00	
13	0.21	0.20	0.37	1.43	11.20	4.65	1.39	1.27	0.35	0.05	0.00	0.00	
14	0.21	0.20	0.30	0.72	10.40	4.20	2.17	1.20	0.35	0.04	0.00	0.00	
15	0.21	0.20	0.28	0.21	4.42	3.98	1.46	1.12	0.02	0.03	0.00	0.00	
16	0.21	0.20	0.28	0.22	3.08	3.30	1.27	1.12	0.30	0.03	0.00	0.00	
17	0.21	0.19	0.17	0.22	3.52	4.65	0.90	1.09	0.30	0.02	0.00	0.00	
18	0.24	0.22	0.16	0.21	3.98	3.52	0.82	1.01	0.30	0.02	0.00	0.00	
19	0.28	0.22	0.13	0.75	4.42	15.35	0.75	1.01	0.30	0.01	0.00	0.00	
20	0.28	0.17	0.13	0.60	3.52	6.80	0.70	1.01	0.28	0.01	0.00	0.00	
21	0.25	0.17	0.13	0.79	3.08	6.80	0.65	0.98	0.28	0.01	0.00	0.00	
22	0.20	0.17	0.13	0.79	2.85	5.33	0.65	0.98	0.28	0.01	0.00	0.00	
23	0.17	0.17	0.13	1.31	2.85	4.87	0.55	0.98	0.28	0.01	0.00	0.00	
24	0.17	0.17	27.05	0.90	5.55	5.33	0.57	0.98	0.28	0.00	0.00	0.00	
25	0.19	0.17	3.08	1.09	4.65	4.65	0.62	0.98	0.40	0.00	0.00	0.00	
26	0.19	0.19	1.39	1.05	10.80	4.42	0.62	0.94	0.40	0.00	0.00	0.00	
27	2.63	0.19	0.75	1.01	5.10	3.98	0.60	0.79	0.19	0.00	0.00	0.00	
28	0.52	0.20	0.62	0.94	4.65	28.40	0.60	0.72	3.30	0.00	0.00	0.00	
29	0.32	0.20	0.50	0.79	3.75	12.80	0.65	0.72	1.43	0.00	0.00	0.00	
30	0.25	0.28	0.45	0.72	3.30	12.80	1.73	0.72	1.12	0.00	0.00	0.00	
31		0.32		0.70	5.77		2.85		0.90	0.00		0.00	
Total	9.33	6.32	41.70	17.73	107.47	236.87	59.13	31.35	17.30	3.61	0.00	0.00	530.81 CMSDAY
Mean	0.31	0.20	1.39	0.57	3.47	7.90	1.91	1.04	0.56	0.12	0.00	0.00	1.45 CMS
Max	2.63	0.32	27.05	1.43	11.20	28.40	8.80	1.95	3.30	0.72	0.00	0.00	28.40 CMS
Min	0.17	0.17	0.13	0.21	0.75	3.30	0.55	0.72	0.02	0.00	0.00	0.00	0.00 CMS
Runoff	0.81	0.55	3.60	1.53	9.29	20.47	5.11	2.71	1.50	0.31	0.00	0.00	45.86 MCM
Momentary Peak	49.00 CMS. at 341.56 m. (MSL.) at 04.00 Hours , on Sep 28 , 2005												
Runoff Yield	7.16 Liters/Second/Square KM.			Momentary Peak Yield			241.142 Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Huai Mae Mok at Ban Mae Phu , Lampang (Y.26)

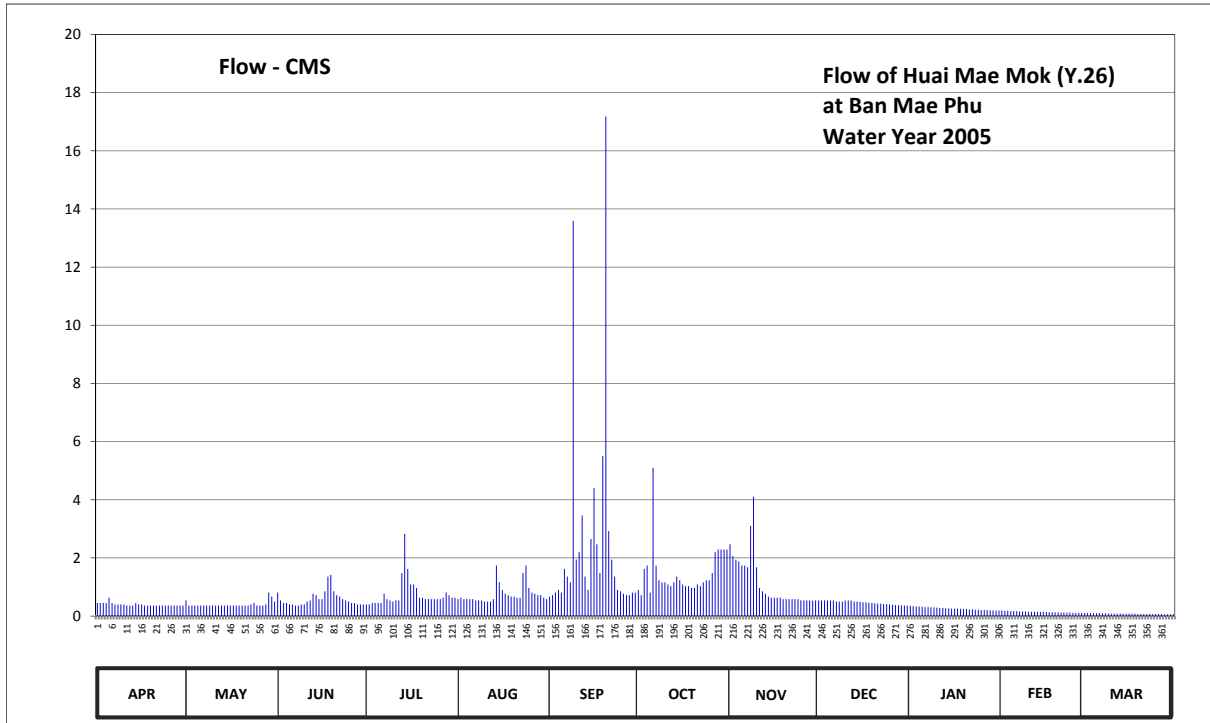
Lat 17 - 19 - 37 N Long 99 - 27 - 42 E

Location : on left bank downstream from Ban Mae Phu Tambon Wiang Mok.

	Ban Mae Phu	Amphoe Thoen	Changwat Lampang
Drainage Area	784 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+100.380 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of gage observer's house.	Elevation	+108.388 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1979 to date		
Rated by Flot	-		
Rated by Current Meter	1979 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 31 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	100.90	100.92	100.98	100.89	100.93	100.95	101.00	101.23	100.92	101.38	101.35	101.22	
2	100.90	100.88	100.92	100.89	100.94	100.96	100.96	101.18	100.92	101.38	101.35	101.22	
3	100.90	100.88	100.90	100.90	100.93	100.98	101.11	101.16	100.92	101.38	101.36	101.22	
4	100.90	100.88	100.90	100.90	100.93	101.00	101.13	101.15	100.92	101.38	101.37	101.22	
5	100.94	100.88	100.89	100.90	100.93	100.98	100.98	101.13	100.92	101.38	101.37	101.21	
6	100.90	100.88	100.89	100.90	100.93	101.11	101.51	101.13	100.92	101.38	101.36	101.21	
7	100.89	100.88	100.88	100.97	100.92	101.07	101.13	101.12	100.91	101.38	101.36	101.21	
8	100.89	100.88	100.88	100.93	100.92	101.04	101.05	101.30	100.91	101.38	101.35	101.21	
9	100.89	100.88	100.89	100.92	100.92	102.14	101.04	101.41	100.91	101.38	101.35	101.22	
10	100.89	100.88	100.89	100.91	100.91	101.16	101.04	101.12	100.92	101.38	101.35	101.21	
11	100.88	100.88	100.91	100.92	100.91	101.20	101.03	101.01	100.92	101.55	101.35	101.21	
12	100.88	100.88	100.92	100.92	100.91	101.34	101.02	100.99	100.92	101.55	101.35	101.20	
13	100.88	100.88	100.97	101.09	100.93	101.07	101.04	100.97	100.91	101.55	101.35	101.19	
14	100.90	100.88	100.96	101.27	101.13	101.00	101.07	100.95	100.91	101.56	101.32	101.19	
15	100.89	100.88	100.93	101.11	101.04	101.25	101.05	100.94	100.93	101.56	101.26	101.19	
16	100.89	100.88	100.93	101.03	101.00	101.44	101.03	100.94	100.94	101.56	101.37	101.19	
17	100.88	100.88	100.99	101.03	100.97	101.23	101.02	100.94	100.99	101.56	101.37	101.19	
18	100.88	100.88	101.07	101.01	100.96	101.09	101.02	100.94	101.37	101.56	101.37	101.19	
19	100.88	100.88	101.08	100.94	100.95	101.55	101.01	100.93	101.39	101.56	101.85	101.19	
20	100.88	100.88	100.99	100.94	100.95	102.29	101.01	100.93	101.41	101.56	101.85	101.19	
21	100.88	100.88	100.96	100.93	100.94	101.28	101.03	100.93	101.40	101.55	101.85	101.19	
22	100.88	100.88	100.95	100.93	100.94	101.16	101.02	100.93	101.40	101.55	101.85	101.19	
23	100.88	100.89	100.93	100.93	101.09	101.07	101.04	100.93	101.41	101.50	101.85	101.19	
24	100.88	100.90	100.92	100.93	101.13	101.00	101.05	100.93	101.41	101.35	101.85	101.25	
25	100.88	100.88	100.91	100.93	101.01	100.99	101.05	100.92	101.41	101.35	101.80	101.18	
26	100.88	100.88	100.90	100.93	100.98	100.97	101.09	100.92	101.41	101.35	101.23	101.18	
27	100.88	100.88	100.90	100.94	100.97	100.96	101.20	100.92	101.41	101.35	101.22	101.17	
28	100.88	100.89	100.89	100.98	100.96	100.96	101.21	100.92	101.39	101.35	101.22	101.17	
29	100.88	100.98	100.89	100.96	100.96	100.98	101.21	100.92	101.39	101.35		101.21	
30	100.88	100.95	100.89	100.94	100.94	100.98	101.21	100.92	101.38	101.34		101.26	
31		100.91		100.94	100.93		101.21		101.38	101.34		101.26	
Mean	100.89	100.89	100.93	100.96	100.96	101.17	101.08	101.02	101.14	101.44	101.46	101.20	
Max	100.94	100.98	101.08	101.27	101.13	102.29	101.51	101.41	101.41	101.56	101.85	101.26	102.29
Min	100.88	100.88	100.88	100.89	100.91	100.95	100.96	100.92	100.91	101.34	101.22	101.17	100.88
Annual Max Momentary Gage Height	103.42		m. (MSL.) ,				at 06.00 Hours ,						on Sep 9 , 2005
Zero Gage at Bottom Elevation	100.38		m. (MSL.) ,				River Bed	100.43		m. (MSL.)			
Left Bank Elevation		107.84		m. (MSL.) ,									
Right Bank Elevation		107.95		m. (MSL.) ,		Drainage Are	784		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.45	0.54	0.81	0.40	0.58	0.67	0.90	2.47	0.54	0.35	0.19	0.11	
2	0.45	0.36	0.54	0.40	0.63	0.72	0.72	2.07	0.54	0.34	0.18	0.11	
3	0.45	0.36	0.45	0.45	0.58	0.81	1.62	1.94	0.54	0.33	0.18	0.11	
4	0.45	0.36	0.45	0.45	0.58	0.90	1.74	1.88	0.54	0.33	0.17	0.10	
5	0.63	0.36	0.40	0.45	0.58	0.81	0.81	1.74	0.54	0.32	0.17	0.10	
6	0.45	0.36	0.40	0.45	0.58	1.62	5.10	1.74	0.54	0.31	0.17	0.10	
7	0.40	0.36	0.36	0.77	0.54	1.36	1.74	1.68	0.50	0.31	0.16	0.10	
8	0.40	0.36	0.36	0.58	0.54	1.16	1.23	3.10	0.50	0.30	0.16	0.10	
9	0.40	0.36	0.40	0.54	0.54	13.59	1.16	4.10	0.50	0.30	0.16	0.09	
10	0.40	0.36	0.40	0.50	0.50	1.94	1.16	1.68	0.54	0.29	0.15	0.09	
11	0.36	0.36	0.50	0.54	0.50	2.20	1.09	0.97	0.54	0.28	0.15	0.09	
12	0.36	0.36	0.54	0.54	0.50	3.46	1.03	0.85	0.54	0.28	0.15	0.09	
13	0.36	0.36	0.77	1.48	0.58	1.36	1.16	0.77	0.50	0.27	0.15	0.09	
14	0.45	0.36	0.72	2.83	1.74	0.90	1.36	0.67	0.50	0.27	0.14	0.08	
15	0.40	0.36	0.58	1.62	1.16	2.65	1.23	0.63	0.49	0.26	0.14	0.08	
16	0.40	0.36	0.58	1.09	0.90	4.40	1.09	0.63	0.48	0.26	0.14	0.08	
17	0.36	0.36	0.85	1.09	0.77	2.47	1.03	0.63	0.47	0.25	0.13	0.08	
18	0.36	0.36	1.36	0.97	0.72	1.48	1.03	0.63	0.46	0.25	0.13	0.08	
19	0.36	0.36	1.42	0.63	0.67	5.50	0.97	0.58	0.45	0.24	0.13	0.07	
20	0.36	0.36	0.85	0.63	0.67	17.18	0.97	0.58	0.44	0.24	0.13	0.07	
21	0.36	0.36	0.72	0.58	0.63	2.92	1.09	0.58	0.43	0.23	0.12	0.07	
22	0.36	0.36	0.67	0.58	0.63	1.94	1.03	0.58	0.43	0.23	0.12	0.07	
23	0.36	0.40	0.58	0.58	1.48	1.36	1.16	0.58	0.42	0.22	0.12	0.07	
24	0.36	0.45	0.54	0.58	1.74	0.90	1.23	0.58	0.41	0.22	0.12	0.07	
25	0.36	0.36	0.50	0.58	0.97	0.85	1.23	0.54	0.40	0.21	0.11	0.07	
26	0.36	0.36	0.45	0.58	0.81	0.77	1.48	0.54	0.39	0.21	0.11	0.07	
27	0.36	0.36	0.45	0.63	0.77	0.72	2.20	0.54	0.38	0.21	0.11	0.07	
28	0.36	0.40	0.40	0.81	0.72	0.72	2.29	0.54	0.38	0.20	0.11	0.06	
29	0.36	0.81	0.40	0.72	0.72	0.81	2.29	0.54	0.37	0.20	0.11	0.06	
30	0.36	0.67	0.40	0.63	0.63	0.81	2.29	0.54	0.36	0.19	0.11	0.06	
31		0.50		0.63	0.58		2.29		0.36	0.19		0.06	
Total	11.85	12.41	17.85	23.31	23.54	76.98	45.72	34.90	14.48	8.09	4.00	2.55	275.68 CMSDAY
Mean	0.39	0.40	0.60	0.75	0.76	2.57	1.47	1.16	0.47	0.26	0.14	0.08	0.76 CMS
Max	0.63	0.81	1.42	2.83	1.74	17.18	5.10	4.10	0.54	0.35	0.19	0.11	17.18 CMS
Min	0.36	0.36	0.36	0.40	0.50	0.67	0.72	0.54	0.36	0.19	0.11	0.06	0.06 CMS
Runoff	1.02	1.07	1.54	2.01	2.03	6.65	3.95	3.02	1.25	0.70	0.35	0.22	23.82 MCM
Momentary Peak		67.16											CMS. at 103.42 m. (MSL.) at 06.00 Hours , on Sep 9 , 2005
Runoff Yield		0.96											Liters/Second/Square KM. Momentary Peak Yield 85,663 Liters/Second/Square KM.

WATER YEAR : 2005

YOM RIVER BASIN

Huai Mae Phuak at Ban Pak Phuak, Phrae (Y.27)

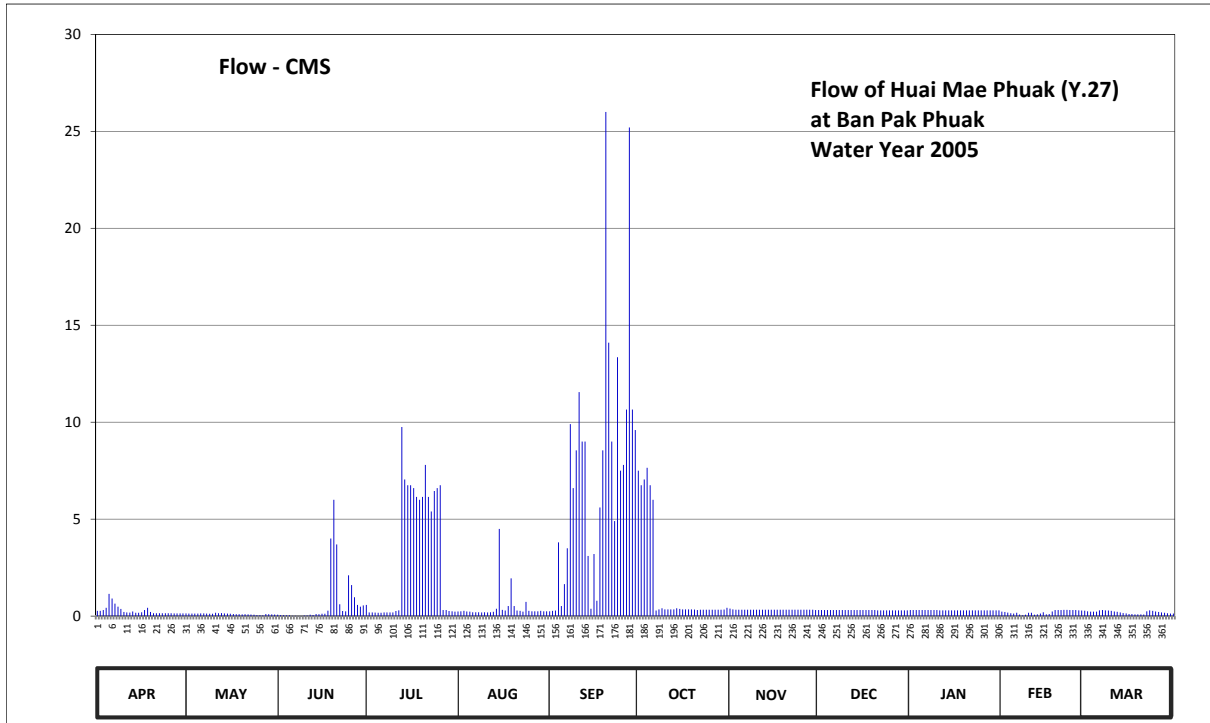
Lat 17 - 58 - 20 N Long 100 - 04 - 04 E

Location : on right bank at the bridge near the College of Agriculture.

	Ban Pak Phuak	Amphoe Den Chai	Changwat Phrae
Drainage Area	229 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+3.066 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1982 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The weir situated about 3 kilometers above gage site. Stage-discharge relation defined by 9 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.67	0.54	0.43	0.86	0.64	0.65	1.70	1.69	1.61	1.61	1.53	1.58	
2	0.67	0.53	0.41	0.59	0.65	0.67	1.65	1.65	1.61	1.61	1.51	1.55	
3	0.71	0.53	0.40	0.59	0.67	0.69	1.67	1.63	1.61	1.61	1.48	1.53	
4	0.81	0.53	0.36	0.58	0.64	1.38	1.71	1.63	1.61	1.61	1.45	1.53	
5	1.03	0.53	0.33	0.57	0.63	0.84	1.65	1.63	1.61	1.61	1.43	1.53	
6	0.97	0.54	0.28	0.57	0.60	1.13	1.60	1.63	1.61	1.61	1.47	1.60	
7	0.88	0.54	0.26	0.59	0.60	1.35	1.59	1.63	1.61	1.61	1.32	1.61	
8	0.83	0.53	0.25	0.59	0.60	1.86	1.65	1.63	1.61	1.61	1.19	1.60	
9	0.77	0.52	0.22	0.59	0.59	1.64	1.70	1.63	1.61	1.61	1.29	1.59	
10	0.61	0.52	0.29	0.59	0.60	1.77	1.65	1.63	1.61	1.61	1.47	1.57	
11	0.59	0.57	0.32	0.66	0.59	1.97	1.65	1.63	1.61	1.60	1.47	1.54	
12	0.58	0.55	0.43	0.70	0.60	1.80	1.65	1.63	1.61	1.60	1.29	1.52	
13	0.64	0.56	0.42	1.85	0.62	1.80	1.65	1.63	1.61	1.60	1.38	1.49	
14	0.57	0.54	0.51	1.67	0.78	1.31	1.70	1.63	1.61	1.60	1.43	1.46	
15	0.57	0.53	0.50	1.65	1.45	0.78	1.67	1.63	1.61	1.60	1.50	1.44	
16	0.60	0.52	0.52	1.65	0.72	1.32	1.65	1.63	1.61	1.60	1.37	1.41	
17	0.71	0.51	0.52	1.64	0.69	0.93	1.65	1.63	1.61	1.60	1.41	1.41	
18	0.81	0.50	0.68	1.61	0.84	1.56	1.65	1.63	1.61	1.60	1.54	1.38	
19	0.61	0.50	1.40	1.60	1.19	1.77	1.65	1.63	1.61	1.60	1.61	1.36	
20	0.55	0.48	1.60	1.61	0.84	2.75	1.64	1.63	1.61	1.60	1.61	1.35	
21	0.55	0.49	1.37	1.72	0.69	2.14	1.61	1.63	1.60	1.60	1.61	1.32	
22	0.55	0.47	0.87	1.61	0.67	1.80	1.63	1.63	1.60	1.60	1.62	1.55	
23	0.55	0.45	0.66	1.54	0.63	1.49	1.63	1.63	1.60	1.60	1.62	1.60	
24	0.55	0.43	0.65	1.63	0.91	2.09	1.63	1.63	1.60	1.60	1.61	1.57	
25	0.55	0.41	1.21	1.64	0.67	1.70	1.63	1.63	1.60	1.60	1.61	1.54	
26	0.55	0.38	1.12	1.65	0.65	1.72	1.63	1.63	1.60	1.60	1.61	1.51	
27	0.54	0.35	0.99	0.71	0.65	1.91	1.63	1.63	1.60	1.60	1.60	1.49	
28	0.54	0.51	0.86	0.71	0.65	2.71	1.63	1.63	1.60	1.60	1.59	1.47	
29	0.54	0.50	0.83	0.66	0.67	1.91	1.63	1.63	1.60	1.60	1.60	1.45	
30	0.54	0.48	0.85	0.65	0.65	1.84	1.64	1.61	1.60	1.60	1.60	1.43	
31		0.46		0.63	0.65		1.73		1.60	1.60		1.43	
Mean	0.65	0.50	0.65	1.09	0.71	1.58	1.65	1.63	1.61	1.60	1.49	1.50	
Max	1.03	0.57	1.60	1.85	1.45	2.75	1.73	1.69	1.61	1.61	1.62	1.61	2.75
Min	0.54	0.35	0.22	0.57	0.59	0.65	1.59	1.61	1.60	1.60	1.19	1.32	0.22
Annual Max Momentary Gage Height	3.00												at 18.00 Hours , on Sep 20 , 2005
Zero Gage at Bottom Elevation	0.00						River Bed -0.79						m. (A.D.)
Left Bank Elevation		8.80											m. (A.D.)
Right Bank Elevation		8.31					Drainage Are 229						Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.27	0.14	0.07	0.58	0.24	0.25	7.50	0.39	0.31	0.31	0.23	0.28	
2	0.27	0.13	0.05	0.19	0.25	0.27	6.75	0.35	0.31	0.31	0.21	0.25	
3	0.31	0.13	0.05	0.19	0.27	0.29	7.05	0.33	0.31	0.31	0.18	0.23	
4	0.43	0.13	0.04	0.18	0.24	3.80	7.65	0.33	0.31	0.31	0.15	0.23	
5	1.15	0.13	0.04	0.17	0.23	0.52	6.75	0.33	0.31	0.31	0.13	0.23	
6	0.91	0.14	0.02	0.17	0.20	1.65	6.00	0.33	0.31	0.31	0.17	0.30	
7	0.64	0.14	0.02	0.19	0.20	3.50	0.29	0.33	0.31	0.31	0.08	0.31	
8	0.49	0.13	0.01	0.19	0.20	9.90	0.35	0.33	0.31	0.31	0.04	0.30	
9	0.37	0.12	0.01	0.19	0.19	6.60	0.40	0.33	0.31	0.31	0.07	0.29	
10	0.21	0.12	0.03	0.19	0.20	8.55	0.35	0.33	0.31	0.31	0.17	0.27	
11	0.19	0.17	0.03	0.26	0.19	11.55	0.35	0.33	0.31	0.30	0.17	0.24	
12	0.18	0.15	0.07	0.30	0.20	9.00	0.35	0.33	0.31	0.30	0.07	0.22	
13	0.24	0.16	0.06	9.75	0.22	9.00	0.35	0.33	0.31	0.30	0.09	0.19	
14	0.17	0.14	0.11	7.05	0.38	3.10	0.40	0.33	0.31	0.30	0.13	0.16	
15	0.17	0.13	0.10	6.75	4.50	0.38	0.37	0.33	0.31	0.30	0.20	0.14	
16	0.20	0.12	0.12	6.75	0.32	3.20	0.35	0.33	0.31	0.30	0.09	0.11	
17	0.31	0.11	0.12	6.60	0.29	0.79	0.35	0.33	0.31	0.30	0.11	0.11	
18	0.43	0.10	0.28	6.15	0.52	5.60	0.35	0.33	0.31	0.30	0.24	0.09	
19	0.21	0.10	4.00	6.00	1.95	8.55	0.35	0.33	0.31	0.30	0.31	0.09	
20	0.15	0.09	6.00	6.15	0.52	26.00	0.34	0.33	0.31	0.30	0.31	0.09	
21	0.15	0.10	3.70	7.80	0.29	14.10	0.31	0.33	0.30	0.30	0.31	0.08	
22	0.15	0.09	0.61	6.15	0.27	9.00	0.33	0.33	0.30	0.30	0.32	0.25	
23	0.15	0.08	0.26	5.40	0.23	4.90	0.33	0.33	0.30	0.30	0.32	0.30	
24	0.15	0.07	0.25	6.45	0.73	13.35	0.33	0.33	0.30	0.30	0.31	0.27	
25	0.15	0.05	2.10	6.60	0.27	7.50	0.33	0.33	0.30	0.30	0.31	0.24	
26	0.15	0.05	1.60	6.75	0.25	7.80	0.33	0.33	0.30	0.30	0.31	0.21	
27	0.14	0.04	0.97	0.31	0.25	10.65	0.33	0.33	0.30	0.30	0.30	0.19	
28	0.14	0.11	0.58	0.31	0.25	25.20	0.33	0.33	0.30	0.30	0.29	0.17	
29	0.14	0.10	0.49	0.26	0.27	10.65	0.33	0.33	0.30	0.30		0.15	
30	0.14	0.09	0.55	0.25	0.25	9.60	0.34	0.31	0.30	0.30		0.13	
31		0.08		0.23	0.25		0.43		0.30	0.30		0.13	
Total	8.76	3.44	22.34	98.51	14.62	225.25	50.37	9.96	9.50	9.40	5.62	6.25	464.02 CMSDAY
Mean	0.29	0.11	0.74	3.18	0.47	7.51	1.62	0.33	0.31	0.30	0.20	0.20	1.27 CMS
Max	1.15	0.17	6.00	9.75	4.50	26.00	7.65	0.39	0.31	0.31	0.32	0.31	26.00 CMS
Min	0.14	0.04	0.01	0.17	0.19	0.25	0.29	0.31	0.30	0.30	0.04	0.08	0.01 CMS
Runoff	0.76	0.30	1.93	8.51	1.26	19.46	4.35	0.86	0.82	0.81	0.49	0.54	40.09 MCM
Momentary Peak	32.00	CMS. at 3.00 m. (A.D.) at 18.00 Hours , on Sep 20 , 2005											
Runoff Yield	5.55	Liters/Second/Square KM. Momentary Peak Yield 139.738 Liters/Second/Square KM.											

WATER YEAR : 2005

YOM RIVER BASIN

Hual Pong at Ban Pong , Lampang (Y.30)

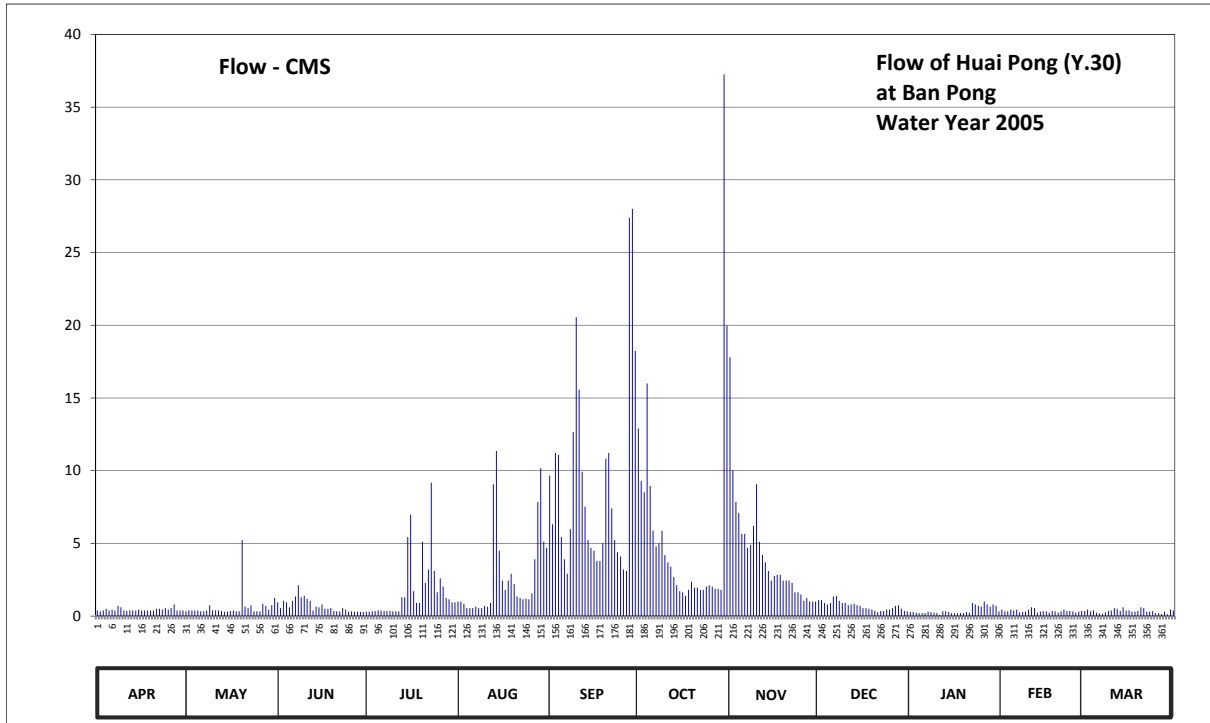
Lat 18 - 42 - 29 N Long 99 - 57 - 40 E

Location : on right bank at the bridge on highway.

	Ban Pong	Amphoe Ngao	Changwat Lampang
Drainage Area	325 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+265.630 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 25 meters from the top staff gage.	Elevation	+271.053 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1983 to date		
Rated by Flot	-		
Rated by Current Meter	1983 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The carcass of the bridge is near the gage site. Stage-discharge relation defined by 39 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	266.20	266.17	266.31	266.16	266.32	267.22	267.47	267.80	266.34	266.15	266.21	266.18	
2	266.17	266.20	266.23	266.16	266.32	266.92	267.19	267.25	266.34	266.15	266.17	266.21	
3	266.20	266.19	266.33	266.17	266.29	267.34	267.12	267.06	266.30	266.13	266.17	266.17	
4	266.22	266.19	266.31	266.18	266.23	267.33	267.70	266.99	266.28	266.12	266.21	266.20	
5	266.20	266.19	266.24	266.20	266.23	266.84	267.16	266.86	266.30	266.12	266.19	266.13	
6	266.21	266.17	266.33	266.19	266.23	266.69	266.88	266.86	266.39	266.12	266.21	266.11	
7	266.19	266.17	266.39	266.18	266.25	266.59	266.78	266.77	266.40	266.16	266.14	266.10	
8	266.26	266.19	266.49	266.18	266.23	266.89	266.80	266.79	266.33	266.14	266.15	266.14	
9	266.24	266.27	266.38	266.18	266.23	267.45	266.88	266.91	266.30	266.13	266.16	266.18	
10	266.19	266.20	266.40	266.17	266.26	267.97	266.72	267.17	266.30	266.12	266.21	266.19	
11	266.18	266.20	266.36	266.17	266.25	267.67	266.67	266.81	266.27	266.07	266.24	266.23	
12	266.20	266.20	266.33	266.17	266.30	267.24	266.64	266.72	266.28	266.17	266.23	266.22	
13	266.19	266.18	266.19	266.38	267.17	267.03	266.56	266.67	266.29	266.17	266.13	266.18	
14	266.19	266.16	266.25	266.38	267.35	266.82	266.49	266.61	266.27	266.15	266.16	266.24	
15	266.21	266.16	266.24	266.84	266.75	266.77	266.44	266.53	266.26	266.12	266.17	266.19	
16	266.19	266.18	266.28	266.98	266.53	266.75	266.43	266.57	266.23	266.12	266.17	266.20	
17	266.19	266.19	266.22	266.44	266.45	266.68	266.40	266.58	266.23	266.11	266.13	266.16	
18	266.19	266.17	266.22	266.30	266.53	266.68	266.45	266.58	266.22	266.12	266.18	266.16	
19	266.19	266.17	266.23	266.30	266.59	266.80	266.52	266.53	266.21	266.12	266.17	266.18	
20	266.19	266.82	266.18	266.81	266.50	267.31	266.47	266.53	266.18	266.15	266.13	266.24	
21	266.22	266.25	266.17	266.51	266.39	267.34	266.47	266.53	266.14	266.13	266.17	266.23	
22	266.22	266.23	266.17	266.62	266.37	267.02	266.45	266.51	266.18	266.30	266.21	266.16	
23	266.21	266.27	266.23	267.18	266.35	266.82	266.45	266.43	266.18	266.28	266.18	266.16	
24	266.23	266.17	266.21	266.61	266.36	266.74	266.48	266.43	266.21	266.26	266.18	266.18	
25	266.21	266.17	266.16	266.43	266.35	266.71	266.49	266.41	266.21	266.25	266.17	266.12	
26	266.23	266.17	266.17	266.55	266.42	266.62	266.48	266.33	266.23	266.32	266.13	266.12	
27	266.28	266.29	266.16	266.48	266.69	266.61	266.46	266.37	266.26	266.28	266.16	266.09	
28	266.19	266.26	266.16	266.37	267.06	268.32	266.46	266.32	266.27	266.25	266.18	266.16	
29	266.19	266.21	266.15	266.35	267.26	268.35	266.45	266.32	266.22	266.28	266.28	266.08	
30	266.20	266.27	266.15	266.31	266.81	267.83	268.75	266.32	266.18	266.26	266.26	266.21	
31		266.37		266.31	266.77		267.94		266.17	266.17		266.19	
Mean	266.21	266.23	266.25	266.40	266.51	267.11	266.80	266.69	266.26	266.17	266.18	266.17	
Max	266.28	266.82	266.49	267.18	267.35	268.35	268.75	267.80	266.40	266.32	266.24	266.24	268.75
Min	266.17	266.16	266.15	266.16	266.23	266.59	266.40	266.32	266.14	266.07	266.13	266.08	266.07
Annual Max Momentary Gage Height	269.48		m. (MSL.) ,				at 15.00 Hours ,						on Oct 30 , 2005
Zero Gage at Bottom Elevation	265.63		m. (MSL.) ,			River Bed	265.79		m. (MSL.)				
Left Bank Elevation		273.90		m. (MSL.) ,									
Right Bank Elevation		274.87		m. (MSL.) ,		Drainage Are	325		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.33	0.95	0.31	1.00	9.66	12.91	17.80	1.10	0.28	0.45	0.35	
2	0.33	0.40	0.55	0.31	1.00	6.32	9.29	10.05	1.10	0.28	0.33	0.45	
3	0.40	0.38	1.05	0.33	0.85	11.22	8.52	7.86	0.90	0.24	0.33	0.33	
4	0.50	0.38	0.95	0.35	0.55	11.09	16.00	7.09	0.80	0.21	0.45	0.40	
5	0.40	0.38	0.60	0.40	0.55	5.44	8.96	5.66	0.90	0.21	0.38	0.24	
6	0.45	0.33	1.05	0.38	0.55	3.90	5.88	5.66	1.35	0.21	0.45	0.19	
7	0.38	0.33	1.35	0.35	0.65	2.92	4.80	4.70	1.40	0.31	0.26	0.16	
8	0.70	0.38	2.12	0.35	0.55	5.99	5.00	4.90	1.05	0.26	0.28	0.26	
9	0.60	0.75	1.30	0.35	0.55	12.65	5.88	6.21	0.90	0.24	0.31	0.35	
10	0.38	0.40	1.40	0.33	0.70	20.55	4.20	9.07	0.90	0.21	0.45	0.38	
11	0.35	0.40	1.20	0.33	0.65	15.58	3.70	5.11	0.75	0.09	0.60	0.55	
12	0.40	0.40	1.05	0.33	0.90	9.92	3.40	4.20	0.80	0.33	0.55	0.50	
13	0.38	0.35	0.38	1.30	9.07	7.53	2.68	3.70	0.85	0.33	0.24	0.35	
14	0.38	0.31	0.65	1.30	11.35	5.22	2.12	3.10	0.75	0.28	0.31	0.60	
15	0.45	0.31	0.60	5.44	4.50	4.70	1.72	2.44	0.70	0.21	0.33	0.38	
16	0.38	0.35	0.80	6.98	2.44	4.50	1.64	2.76	0.55	0.21	0.33	0.40	
17	0.38	0.38	0.50	1.72	1.80	3.80	1.40	2.84	0.55	0.19	0.24	0.31	
18	0.38	0.33	0.50	0.90	2.44	3.80	1.80	2.84	0.50	0.21	0.35	0.31	
19	0.38	0.33	0.55	0.90	2.92	5.00	2.36	2.44	0.45	0.21	0.33	0.35	
20	0.38	5.22	0.35	5.11	2.20	10.83	1.96	2.44	0.35	0.28	0.24	0.60	
21	0.50	0.65	0.33	2.28	1.35	11.22	1.96	2.44	0.26	0.24	0.33	0.55	
22	0.50	0.55	0.33	3.20	1.25	7.42	1.80	2.28	0.35	0.90	0.45	0.31	
23	0.45	0.75	0.55	9.18	1.15	5.22	1.80	1.64	0.35	0.80	0.35	0.31	
24	0.55	0.33	0.45	3.10	1.20	4.40	2.04	1.64	0.45	0.70	0.35	0.35	
25	0.45	0.33	0.31	1.64	1.15	4.10	2.12	1.48	0.45	0.65	0.33	0.21	
26	0.55	0.33	0.33	2.60	1.56	3.20	2.04	1.05	0.55	1.00	0.24	0.21	
27	0.80	0.85	0.31	2.04	3.90	3.10	1.88	1.25	0.70	0.80	0.31	0.14	
28	0.38	0.70	0.31	1.25	7.86	27.40	1.88	1.00	0.75	0.65	0.35	0.31	
29	0.38	0.45	0.28	1.15	10.18	28.00	1.80	1.00	0.50	0.80		0.12	
30	0.40	0.75	0.28	0.95	5.11	18.23	37.25	1.00	0.35	0.70		0.45	
31		1.25		0.95	4.70		19.99		0.33	0.33		0.38	
Total	13.36	19.38	21.38	56.11	84.63	272.91	178.78	125.65	21.69	12.36	9.92	10.80	826.97 CMSDAY
Mean	0.45	0.63	0.71	1.81	2.73	9.10	5.77	4.19	0.70	0.40	0.35	0.35	2.27 CMS
Max	0.80	5.22	2.12	9.18	11.35	28.00	37.25	17.80	1.40	1.00	0.60	0.60	37.25 CMS
Min	0.33	0.31	0.28	0.31	0.55	2.92	1.40	1.00	0.26	0.09	0.24	0.12	0.09 CMS
Runoff	1.15	1.67	1.85	4.85	7.31	23.58	15.45	10.86	1.87	1.07	0.86	0.93	71.45 MCM
Momentary Peak	56.20 CMS. at 269.48 m. (MSL.) at 15.00 Hours , on Oct 30 , 2005												
Runoff Yield	6.97 Liters/Second/Square KM.			Momentary Peak Yield 172.923 Liters/Second/Square KM.									

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Thung Nong , Phayao (Y.31)

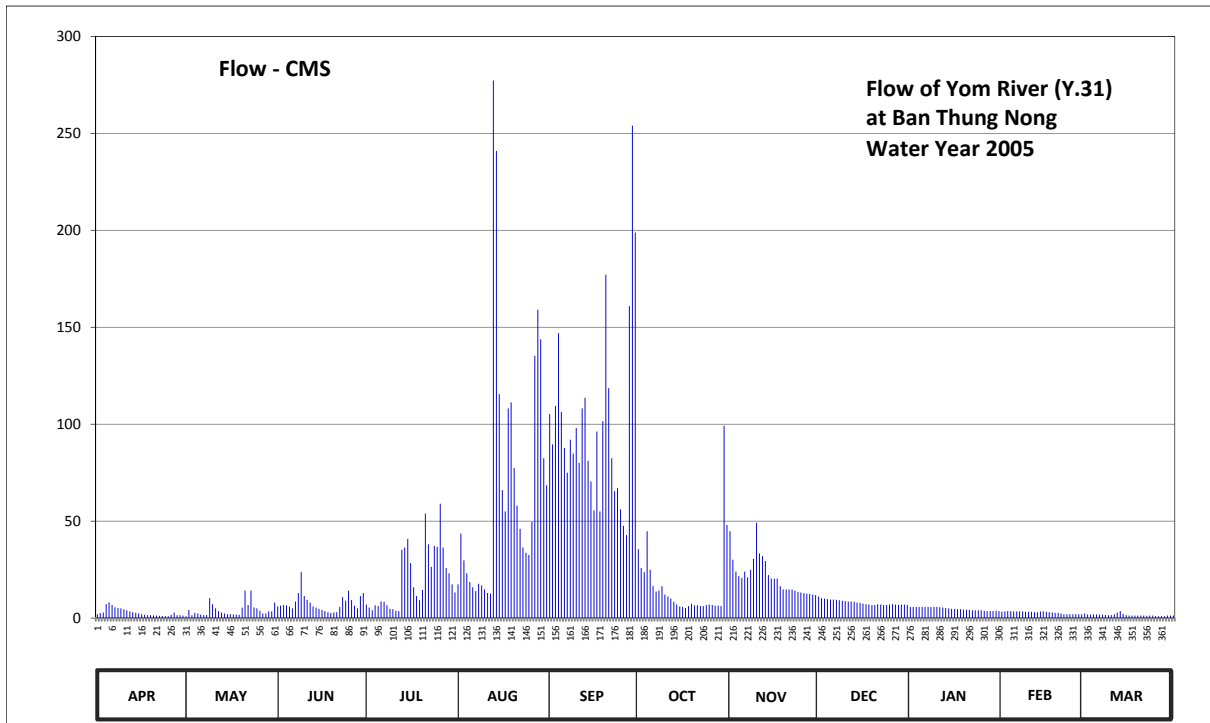
Lat 18 - 57 - 28 N Long 100 - 15 - 58 E

Location : on right bank downstream of the bridge of Pong - Chiang Muan road.

	Ban Thung Nong	Amphoe	Chiang Muan	Changwat	Phayao
Drainage Area	1,981 sq.km.				
Type of Gage	Staff gage.				
Zero Gage at Bottom	+257.000 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On right bank about 5 meters from the top staff gage.			Elevation	+266.960 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1983 to date				
Rating Operation					
Period of Rating	1996 to date				
Rated by Flot	-				
Rated by Current Meter	1996 to date				
Stability of Channel Regimes	Fairly stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Flow effected by the islet about 200 meters downstream from the gage site. Stage-discharge relation defined by 48 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	257.60	257.50	257.81	257.86	258.28	260.22	258.84	259.07	258.05	257.80	257.67	257.62	
2	257.63	257.72	257.83	257.78	259.04	259.96	258.56	258.69	258.02	257.80	257.68	257.59	
3	257.65	257.55	257.85	257.71	258.68	260.29	258.49	258.50	258.01	257.80	257.69	257.59	
4	257.87	257.64	257.84	257.84	258.47	260.85	259.07	258.42	258.00	257.80	257.69	257.59	
5	257.92	257.62	257.81	257.82	258.32	260.24	258.53	258.39	257.99	257.80	257.68	257.59	
6	257.85	257.58	257.76	257.94	258.23	259.93	258.25	258.50	257.99	257.80	257.68	257.59	
7	257.79	257.56	257.94	257.93	258.16	259.70	258.15	258.40	257.98	257.80	257.68	257.58	
8	257.77	257.56	258.12	257.84	258.29	260.00	258.17	258.53	257.97	257.80	257.68	257.56	
9	257.76	258.02	258.49	257.75	258.26	259.88	258.25	258.70	257.96	257.80	257.67	257.55	
10	257.74	257.87	258.06	257.74	258.19	260.10	258.09	259.18	257.95	257.80	257.67	257.56	
11	257.71	257.76	257.98	257.70	258.12	259.80	258.05	258.78	257.94	257.79	257.67	257.60	
12	257.68	257.69	257.91	257.69	258.11	260.27	258.01	258.74	257.94	257.78	257.66	257.65	
13	257.66	257.65	257.81	258.83	261.95	260.36	257.93	258.67	257.93	257.77	257.66	257.69	
14	257.64	257.62	257.78	258.86	261.71	259.82	257.86	258.44	257.91	257.76	257.68	257.61	
15	257.62	257.60	257.75	258.97	260.39	259.61	257.81	258.38	257.90	257.75	257.68	257.56	
16	257.60	257.60	257.72	258.64	259.52	259.31	257.80	258.38	257.88	257.75	257.67	257.53	
17	257.57	257.59	257.69	258.23	259.30	260.07	257.77	258.38	257.87	257.74	257.66	257.53	
18	257.55	257.58	257.66	258.06	260.27	259.30	257.82	258.25	257.86	257.74	257.65	257.53	
19	257.55	257.57	257.64	257.97	260.32	260.16	257.88	258.19	257.85	257.73	257.64	257.53	
20	257.54	257.78	257.65	258.18	259.75	261.19	257.84	258.19	257.85	257.73	257.64	257.53	
21	257.53	258.17	257.66	259.28	259.36	260.44	257.84	258.19	257.87	257.72	257.62	257.53	
22	257.52	257.85	257.80	258.90	259.10	259.84	257.82	258.19	257.86	257.71	257.60	257.52	
23	257.51	258.17	258.04	258.58	258.86	259.51	257.82	258.17	257.85	257.71	257.60	257.53	
24	257.50	257.78	257.96	258.88	258.79	259.54	257.85	258.14	257.85	257.71	257.60	257.53	
25	257.49	257.76	258.17	258.87	258.76	259.32	257.86	258.13	257.86	257.71	257.60	257.51	
26	257.57	257.70	257.98	259.38	259.19	259.14	257.85	258.12	257.87	257.70	257.60	257.50	
27	257.65	257.62	257.83	258.86	260.69	259.02	257.83	258.11	257.86	257.69	257.60	257.49	
28	257.55	257.62	257.76	258.56	261.00	261.02	257.83	258.10	257.85	257.69	257.60	257.50	
29	257.55	257.68	258.06	258.47	260.81	261.80	257.82	258.09	257.86	257.69	257.60	257.53	
30	257.53	257.68	258.12	258.28	259.84	261.39	260.12	258.08	257.86	257.70	257.60	257.53	
31		257.91		258.13	259.57		259.15		257.85	257.69		257.53	
Mean	257.64	257.71	257.88	258.31	259.33	260.07	258.16	258.40	257.91	257.75	257.65	257.56	
Max	257.92	258.17	258.49	259.38	261.95	261.80	260.12	259.18	258.05	257.80	257.69	257.69	261.95
Min	257.49	257.50	257.64	257.69	258.11	259.02	257.77	258.08	257.85	257.69	257.60	257.49	257.49
Annual Max Momentary Gage Height	263.14		m. (MSL.) ,			at 18.00 Hours ,	on Aug 13 , 2005						
Zero Gage at Bottom Elevation	257.00		m. (MSL.) ,			River Bed	252.64	m. (MSL.)					
Left Bank Elevation	267.37		m. (MSL.) ,										
Right Bank Elevation	267.38		m. (MSL.) ,			Drainage Are	1,981	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.00	1.00	6.00	7.00	17.40	105.20	35.60	44.80	11.10	5.80	3.26	2.36	
2	2.54	4.20	6.40	5.40	43.60	89.60	25.80	30.15	10.32	5.80	3.44	1.90	
3	2.90	1.50	6.80	4.00	29.80	109.40	23.70	24.00	10.06	5.80	3.62	1.90	
4	7.20	2.72	6.60	6.60	23.10	147.00	44.80	21.60	9.80	5.80	3.62	1.90	
5	8.20	2.36	6.00	6.20	18.60	106.40	24.90	20.70	9.60	5.80	3.44	1.90	
6	6.80	1.80	5.00	8.60	15.90	87.80	16.50	24.00	9.60	5.80	3.44	1.90	
7	5.60	1.60	8.60	8.40	13.96	75.00	13.70	21.00	9.40	5.80	3.44	1.80	
8	5.20	1.60	12.92	6.60	17.70	92.00	14.22	24.90	9.20	5.80	3.44	1.60	
9	5.00	10.32	23.70	4.80	16.80	84.80	16.50	30.50	9.00	5.80	3.26	1.50	
10	4.60	7.20	11.36	4.60	14.74	98.00	12.14	49.20	8.80	5.80	3.26	1.60	
11	4.00	5.00	9.40	3.80	12.92	80.00	11.10	33.30	8.60	5.60	3.26	2.00	
12	3.44	3.62	8.00	3.62	12.66	108.20	10.06	31.90	8.60	5.40	3.08	2.90	
13	3.08	2.90	6.00	35.20	277.25	113.60	8.40	29.45	8.40	5.20	3.08	3.62	
14	2.72	2.36	5.40	36.40	240.95	81.20	7.00	22.20	8.00	5.00	3.44	2.18	
15	2.36	2.00	4.80	40.80	115.40	70.50	6.00	20.40	7.80	4.80	3.44	1.60	
16	2.00	2.00	4.20	28.40	66.00	55.50	5.80	20.40	7.40	4.80	3.26	1.30	
17	1.70	1.90	3.62	15.90	55.00	96.20	5.20	20.40	7.20	4.60	3.08	1.30	
18	1.50	1.80	3.08	11.36	108.20	55.00	6.20	16.50	7.00	4.60	2.90	1.30	
19	1.50	1.70	2.72	9.20	111.20	101.60	7.40	14.74	6.80	4.40	2.72	1.30	
20	1.40	5.40	2.90	14.48	77.50	177.05	6.60	14.74	6.80	4.40	2.72	1.30	
21	1.30	14.22	3.08	54.00	58.00	118.60	6.60	14.74	7.20	4.20	2.36	1.30	
22	1.20	6.80	5.80	38.00	46.00	82.40	6.20	14.74	7.00	4.00	2.00	1.20	
23	1.10	14.22	10.84	26.40	36.40	65.50	6.20	14.22	6.80	4.00	2.00	1.30	
24	1.00	5.40	9.00	37.20	33.65	67.00	6.80	13.44	6.80	4.00	2.00	1.30	
25	0.96	5.00	14.22	36.80	32.60	56.00	7.00	13.18	7.00	4.00	2.00	1.10	
26	1.70	3.80	9.40	59.00	49.60	47.60	6.80	12.92	7.20	3.80	2.00	1.00	
27	2.90	2.36	6.40	36.40	135.30	42.80	6.40	12.66	7.00	3.62	2.00	0.96	
28	1.50	2.36	5.00	25.80	159.00	160.90	6.40	12.40	6.80	3.62	2.00	1.00	
29	1.50	3.44	11.36	23.10	143.80	254.00	6.20	12.14	7.00	3.62		1.30	
30	1.30	3.44	12.92	17.40	82.40	198.90	99.20	11.88	7.00	3.80		1.30	
31		8.00		13.18	68.50		48.00		6.80	3.62		1.30	
Total	88.20	132.02	231.52	628.64	2133.93	3027.75	507.42	647.20	250.08	149.08	81.56	50.22	7927.62 CMSDAY
Mean	2.94	4.26	7.72	20.28	68.84	100.92	16.37	21.57	8.07	4.81	2.91	1.62	21.72 CMS
Max	8.20	14.22	23.70	59.00	277.25	254.00	99.20	49.20	11.10	5.80	3.62	3.62	277.25 CMS
Min	0.96	1.00	2.72	3.62	12.66	42.80	5.20	11.88	6.80	3.62	2.00	0.96	0.96 CMS
Runoff	7.62	11.41	20.00	54.31	184.37	261.60	43.84	55.92	21.61	12.88	7.05	4.34	684.95 MCM
Momentary Peak		508.95	CMS.	at 263.14 m. (MSL.)	at 18.00 Hours	, on Aug 13, 2005							
Runoff Yield		10.96	Liters/Second/Square KM.		10.96	Liters/Second/Square KM.		256.916	Liters/Second/Square KM.				

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Khlong Tan , Sukhothai (Y.33)

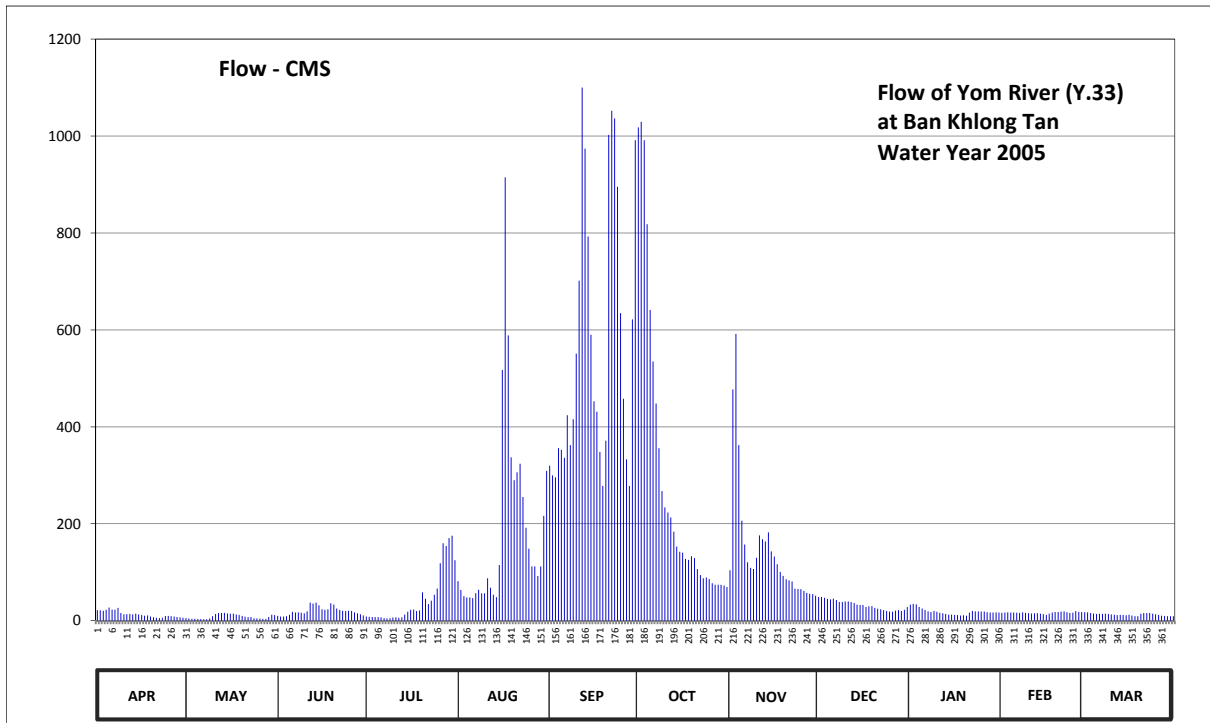
Lat 17 - 10 - 06 N Long 99 - 51 - 52 E

Location : on left bank at the bridge on road from Tambon Khlong Tan.

	Ban Khlong Tan	Amphoe Si Samrong	Changwat Sukhothai
Drainage Area	13,948 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+45.820 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20.30 meters from the top staff gage.	Elevation	+55.420 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1990 to date		
Rating Operation			
Period of Rating	1990 to date		
Rated by Flot	-		
Rated by Current Meter	1990 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +55.390 m.(M.S.L.) and is including overbank flow.		
General Description	Records very good. Flow effected by the temporary weir about 500 meters downstream from the gage site. Stage-discharge relation defined by 33 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	47.46	46.89	47.09	47.04	48.73	51.90	56.29	49.14	48.10	47.74	47.30	47.34	
2	47.45	46.85	47.03	47.01	48.39	51.70	56.34	53.27	48.10	47.78	47.32	47.33	
3	47.42	46.82	47.03	46.99	48.13	51.66	56.17	54.09	48.06	47.76	47.33	47.29	
4	47.48	46.82	47.07	46.99	48.08	52.25	55.36	52.31	48.01	47.63	47.32	47.26	
5	47.60	46.80	47.17	46.98	48.08	52.22	54.40	50.61	47.99	47.55	47.32	47.22	
6	47.49	46.78	47.36	46.96	48.05	52.06	53.70	49.93	48.03	47.47	47.31	47.23	
7	47.49	46.77	47.32	46.90	48.26	52.85	53.05	49.41	47.96	47.39	47.30	47.23	
8	47.58	46.76	47.33	46.86	48.40	52.31	52.25	49.23	47.87	47.35	47.33	47.24	
9	47.29	46.85	47.31	46.88	48.25	52.78	51.36	49.19	47.87	47.41	47.30	47.22	
10	47.20	47.06	47.27	46.95	48.25	53.81	50.96	49.54	47.89	47.37	47.28	47.19	
11	47.21	47.22	47.39	46.96	48.84	54.74	50.83	50.20	47.89	47.30	47.26	47.17	
12	47.22	47.28	47.84	46.92	48.48	56.64	50.70	50.09	47.86	47.27	47.27	47.15	
13	47.19	47.29	47.80	46.96	48.19	56.09	50.31	50.02	47.82	47.22	47.28	47.16	
14	47.24	47.30	47.84	47.18	48.09	55.23	49.87	50.29	47.74	47.17	47.25	47.16	
15	47.19	47.26	47.71	47.37	49.33	54.08	49.72	49.73	47.73	47.18	47.21	47.14	
16	47.16	47.24	47.51	47.48	53.57	53.09	49.69	49.58	47.73	47.16	47.16	47.17	
17	47.11	47.24	47.48	47.50	55.82	52.91	49.51	49.35	47.63	47.15	47.24	47.12	
18	47.13	47.19	47.51	47.40	54.07	52.18	49.48	49.08	47.66	47.12	47.32	47.06	
19	47.03	47.16	47.81	47.44	52.07	51.48	49.59	48.93	47.67	47.14	47.35	47.07	
20	46.96	47.09	47.75	48.29	51.60	52.40	49.53	48.80	47.58	47.11	47.35	47.25	
21	46.92	47.02	47.55	48.02	51.76	56.22	49.18	48.76	47.54	47.31	47.38	47.29	
22	46.90	46.98	47.47	47.77	51.94	56.44	48.96	48.72	47.51	47.41	47.39	47.29	
23	46.93	46.99	47.42	47.93	51.22	56.37	48.84	48.44	47.46	47.39	47.34	47.29	
24	47.08	46.87	47.41	48.19	50.42	55.73	48.87	48.43	47.41	47.39	47.29	47.24	
25	47.09	46.85	47.42	48.45	49.81	54.36	48.81	48.42	47.38	47.38	47.31	47.20	
26	47.06	46.83	47.41	49.38	49.28	53.13	48.65	48.35	47.37	47.38	47.40	47.16	
27	47.03	46.81	47.33	49.97	49.28	52.03	48.60	48.27	47.43	47.34	47.36	47.11	
28	46.99	46.81	47.27	49.89	48.92	51.48	48.60	48.23	47.46	47.32	47.35	47.08	
29	46.96	46.99	47.20	50.12	49.28	54.28	48.59	48.22	47.41	47.32		47.06	
30	46.93	47.17	47.13	50.19	50.74	56.17	48.57	48.15	47.48	47.33		47.06	
31		47.15		49.47	51.79		48.51		47.62	47.32		47.06	
Mean	47.19	47.00	47.41	47.82	49.91	53.62	50.82	49.56	47.72	47.36	47.31	47.19	
Max	47.60	47.30	47.84	50.19	55.82	56.64	56.34	54.09	48.10	47.78	47.40	47.34	56.64
Min	46.90	46.76	47.03	46.86	48.05	51.48	48.51	48.15	47.37	47.11	47.16	47.06	46.76
Annual Max Momentary Gage Height	56.70		m. (MSL.) ,			at 06.00 Hours ,	on Sep 12 , 2005						
Zero Gage at Bottom Elevation	45.82		m. (MSL.) ,			River Bed	44.44	m. (MSL.)					
Left Bank Elevation	55.39		m. (MSL.) ,										
Right Bank Elevation	56.03		m. (MSL.) ,			Drainage Are	13,948	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.90	5.30	10.00	8.80	81.60	320.00	1017.80	104.20	49.00	33.00	16.30	17.70	
2	21.60	4.60	8.60	8.10	63.50	300.00	1029.20	477.00	49.00	34.80	17.00	17.40	
3	20.50	4.10	8.60	7.60	50.50	296.00	991.40	591.60	47.20	33.90	17.40	16.00	
4	22.60	4.10	9.50	7.60	48.10	355.80	818.00	362.10	44.90	28.50	17.00	15.10	
5	27.30	3.70	12.30	7.40	48.10	352.60	641.00	206.30	44.10	25.30	17.00	13.90	
6	23.00	3.40	18.40	6.90	46.70	336.00	535.00	157.10	45.80	22.30	16.70	14.20	
7	23.00	3.20	17.00	5.50	57.00	424.00	448.00	120.70	42.70	19.40	16.30	14.20	
8	26.50	3.00	17.40	4.80	64.00	362.10	355.80	109.20	38.70	18.00	17.40	14.50	
9	16.00	4.60	16.70	5.10	56.50	415.60	267.40	106.90	38.70	20.20	16.30	13.90	
10	13.30	9.30	15.40	6.70	56.50	551.00	233.80	129.80	39.60	18.70	15.70	12.90	
11	13.60	13.90	19.40	6.90	87.70	701.40	223.40	176.00	39.60	16.30	15.10	12.30	
12	13.90	15.70	37.40	6.00	68.00	1100.10	213.00	168.30	38.30	15.40	15.40	11.70	
13	12.90	16.00	35.60	6.90	53.50	973.80	183.80	163.40	36.50	13.90	15.70	12.00	
14	14.50	16.30	37.40	12.60	48.60	792.70	152.90	182.30	33.00	12.30	14.80	12.00	
15	12.90	15.10	31.70	18.70	115.10	590.10	142.40	143.10	32.60	12.60	13.60	11.40	
16	12.00	14.50	23.70	22.60	517.40	452.80	140.30	132.60	32.60	12.00	12.00	12.30	
17	10.50	14.50	22.60	23.30	914.80	431.20	127.70	116.50	28.50	11.70	14.50	10.80	
18	11.10	12.90	23.70	19.80	588.70	348.40	125.60	100.90	29.70	10.80	17.00	9.30	
19	8.60	12.00	36.10	21.20	337.00	278.20	133.30	92.70	30.10	11.40	18.00	9.50	
20	6.90	10.00	33.50	58.50	290.00	371.50	129.10	85.50	26.50	10.50	18.00	14.80	
21	6.00	8.30	25.30	45.40	306.00	1002.40	106.40	83.30	24.90	16.70	19.10	16.00	
22	5.50	7.40	22.30	34.30	324.00	1052.20	94.30	81.10	23.70	20.20	19.40	16.00	
23	6.20	7.60	20.50	41.30	255.20	1036.10	87.70	66.00	21.90	19.40	17.70	16.00	
24	9.70	5.00	20.20	53.50	192.00	895.40	89.30	65.50	20.20	19.40	16.00	14.50	
25	10.00	4.60	20.50	66.50	148.70	634.60	86.10	65.00	19.10	19.10	16.70	13.30	
26	9.30	4.30	20.20	118.60	111.90	458.10	77.30	61.50	18.70	19.10	19.80	12.00	
27	8.60	3.90	17.40	159.90	111.90	333.00	74.50	57.50	20.90	17.70	18.40	10.50	
28	7.60	3.90	15.40	154.30	92.10	278.20	74.50	55.50	21.90	17.00	18.00	9.70	
29	6.90	7.60	13.30	170.40	111.90	621.80	74.00	55.00	20.20	17.00		9.30	
30	6.20	12.30	11.10	175.30	216.20	991.40	72.80	51.50	22.60	17.40		9.30	
31		11.70		124.90	309.00		69.50		28.10	17.00		9.30	
Total	408.60	262.80	621.20	1409.40	5772.20	17056.50	8815.30	4368.10	1009.30	581.00	466.30	401.80	41172.50 CMSDAY
Mean	13.60	8.50	20.70	45.50	186.20	568.60	284.40	145.60	32.60	18.70	16.70	13.00	112.80 CMS
Max	27.30	16.30	37.40	175.30	914.80	1100.10	1029.20	591.60	49.00	34.80	19.80	17.70	1100.10 CMS
Min	5.50	3.00	8.60	4.80	46.70	278.20	69.50	18.70	10.50	12.00	9.30	3.00	3.00 CMS
Runoff	35.30	22.71	53.67	121.77	498.72	1473.68	761.64	377.40	87.20	50.20	40.29	34.72	3557.30 MCM
Momentary Peak	1114.67 CMS. at 56.70 m. (MSL.) at 06.00 Hours , on Sep 12 , 2005												
Runoff Yield	8.09 Liters/Second/Square KM.			Momentary Peak Yield				79.916 Liters/Second/Square KM.					

WATER YEAR : 2005

YOM RIVER BASIN

Nam Mae Lai at Ban Mae Lai , Phrae (Y.34)

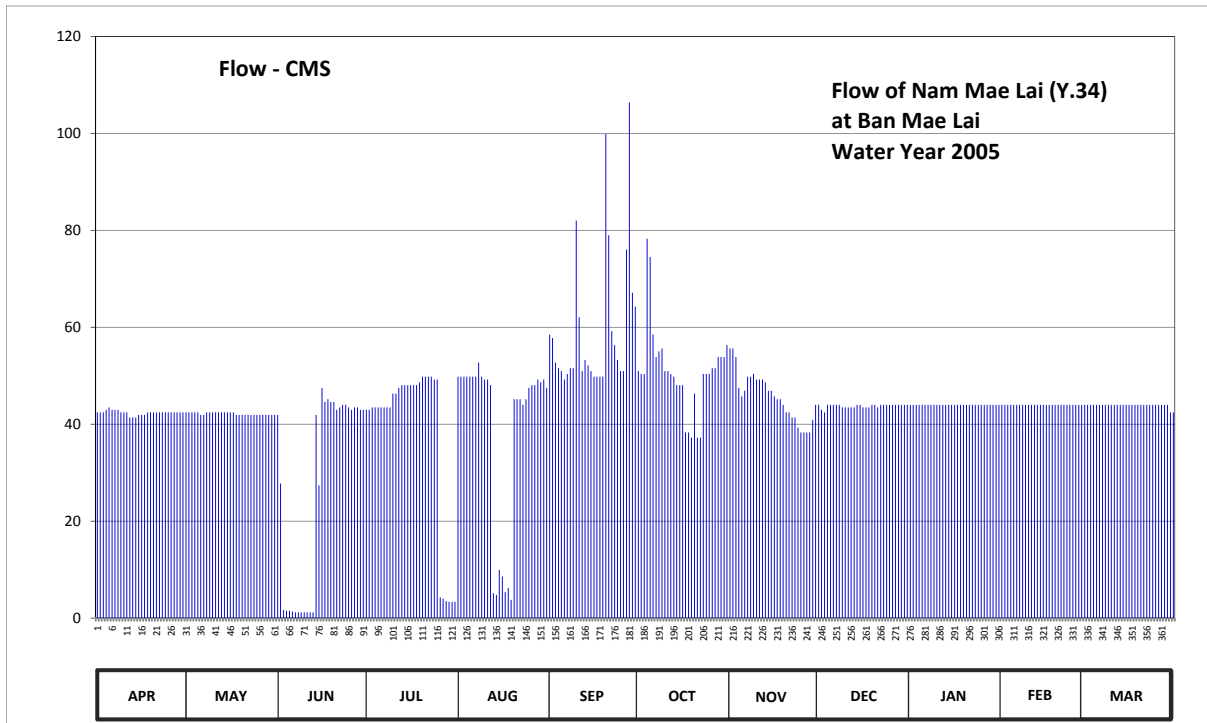
Lat 18 - 12 - 59 N Long 100 - 12 - 36 E

Location : on left bank at the bridge on highway.

	Ban Mae Lai	Amphoe Mueang	Changwat Phrae
Drainage Area	336 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+157.270 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10 meters from the top staff gage.	Elevation	+161.734 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1996 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Rather unstable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by the temporary weir about 300 meters downstream from the gage site. Stage-discharge relation defined by 22 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	159.17	159.17	159.16	159.18	159.30	159.44	159.32	159.40	159.20	159.20	159.20	159.20	
2	159.17	159.17	158.85	159.18	159.30	159.43	159.31	159.40	159.18	159.20	159.20	159.20	
3	159.17	159.17	157.74	159.19	159.30	159.35	159.31	159.37	159.17	159.20	159.20	159.20	
4	159.18	159.17	157.72	159.19	159.30	159.33	159.71	159.26	159.20	159.20	159.20	159.20	
5	159.19	159.17	157.72	159.19	159.30	159.32	159.66	159.23	159.20	159.20	159.20	159.20	
6	159.18	159.16	157.70	159.19	159.30	159.29	159.44	159.25	159.20	159.20	159.20	159.20	
7	159.18	159.16	157.68	159.19	159.30	159.31	159.37	159.30	159.20	159.20	159.20	159.20	
8	159.18	159.17	157.68	159.19	159.35	159.33	159.39	159.30	159.20	159.20	159.20	159.20	
9	159.17	159.17	157.68	159.19	159.30	159.33	159.40	159.31	159.19	159.20	159.20	159.20	
10	159.17	159.17	157.68	159.24	159.29	159.76	159.32	159.29	159.19	159.20	159.20	159.20	
11	159.17	159.17	157.68	159.24	159.29	159.49	159.32	159.29	159.19	159.20	159.20	159.20	
12	159.15	159.17	157.68	159.26	159.27	159.32	159.31	159.29	159.19	159.20	159.20	159.20	
13	159.15	159.17	157.68	159.27	158.02	159.36	159.30	159.28	159.19	159.20	159.20	159.20	
14	159.15	159.17	159.16	159.27	158.00	159.34	159.27	159.25	159.20	159.20	159.20	159.20	
15	159.16	159.17	158.84	159.27	158.28	159.32	159.27	159.25	159.20	159.20	159.20	159.20	
16	159.16	159.17	159.26	159.27	158.21	159.30	159.27	159.23	159.19	159.20	159.20	159.20	
17	159.16	159.17	159.21	159.27	158.03	159.30	159.09	159.22	159.19	159.20	159.20	159.20	
18	159.17	159.16	159.22	159.27	158.08	159.30	159.09	159.22	159.19	159.20	159.20	159.20	
19	159.17	159.16	159.21	159.28	157.92	159.30	159.07	159.20	159.20	159.20	159.20	159.20	
20	159.17	159.16	159.21	159.30	159.22	159.96	159.24	159.17	159.20	159.20	159.20	159.20	
21	159.17	159.16	159.18	159.30	159.22	159.72	159.07	159.17	159.19	159.20	159.20	159.20	
22	159.17	159.16	159.19	159.30	159.22	159.45	159.07	159.15	159.20	159.20	159.20	159.20	
23	159.17	159.16	159.20	159.30	159.20	159.41	159.31	159.15	159.20	159.20	159.20	159.20	
24	159.17	159.16	159.20	159.29	159.22	159.36	159.31	159.11	159.20	159.20	159.20	159.20	
25	159.17	159.16	159.19	159.29	159.26	159.32	159.31	159.09	159.20	159.20	159.20	159.20	
26	159.17	159.16	159.18	157.96	159.27	159.32	159.33	159.09	159.20	159.20	159.20	159.20	
27	159.17	159.16	159.19	157.94	159.27	159.68	159.33	159.09	159.20	159.20	159.20	159.20	
28	159.17	159.16	159.19	157.90	159.29	160.03	159.37	159.09	159.20	159.20	159.20	159.20	
29	159.17	159.16	159.18	157.89	159.28	159.56	159.37	159.14	159.20	159.20	159.20	159.20	
30	159.17	159.16	159.18	157.89	159.29	159.52	159.37	159.20	159.20	159.20	159.20	159.17	
31		159.16		157.89	159.26		159.41		159.20	159.20		159.17	
Mean	159.17	159.16	158.62	158.99	159.00	159.44	159.31	159.23	159.20	159.20	159.20	159.20	
Max	159.19	159.17	159.26	159.30	159.35	160.03	159.71	159.40	159.20	159.20	159.20	159.20	160.03
Min	159.15	159.16	157.68	157.89	157.92	159.29	159.07	159.09	159.17	159.20	159.20	159.17	157.68
Annual Max Momentary Gage Height	160.07		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	157.27		m. (MSL.) ,			River Bed	157.70	m. (MSL)					
Left Bank Elevation		167.46		m. (MSL.) ,									
Right Bank Elevation		167.67		m. (MSL.) ,		Drainage Are	336	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	42.44	42.44	41.92	42.96	49.80	58.48	50.96	55.60	44.00	44.00	44.00	44.00		
2	42.44	42.44	27.75	42.96	49.80	57.76	50.38	55.60	42.96	44.00	44.00	44.00		
3	42.44	42.44	1.69	43.48	49.80	52.70	50.38	53.86	42.44	44.00	44.00	44.00		
4	42.96	42.44	1.52	43.48	49.80	51.54	78.25	47.48	44.00	44.00	44.00	44.00		
5	43.48	42.44	1.52	43.48	49.80	50.96	74.50	45.74	44.00	44.00	44.00	44.00		
6	42.96	41.92	1.35	43.48	49.80	49.22	58.48	46.90	44.00	44.00	44.00	44.00		
7	42.96	41.92	1.18	43.48	49.80	50.38	53.86	49.80	44.00	44.00	44.00	44.00		
8	42.96	42.44	1.18	43.48	52.70	51.54	55.02	49.80	44.00	44.00	44.00	44.00		
9	42.44	42.44	1.18	43.48	49.80	51.54	55.60	50.38	43.48	44.00	44.00	44.00		
10	42.44	42.44	1.18	46.32	49.22	82.00	50.96	49.22	43.48	44.00	44.00	44.00		
11	42.44	42.44	1.18	46.32	49.22	62.08	50.96	49.22	43.48	44.00	44.00	44.00		
12	41.40	42.44	1.18	47.48	48.06	50.96	50.38	49.22	43.48	44.00	44.00	44.00		
13	41.40	42.44	1.18	48.06	5.16	53.28	49.80	48.64	43.48	44.00	44.00	44.00		
14	41.40	42.44	41.92	48.06	4.80	52.12	48.06	46.90	44.00	44.00	44.00	44.00		
15	41.92	42.44	27.36	48.06	9.92	50.96	48.06	46.90	44.00	44.00	44.00	44.00		
16	41.92	42.44	47.48	48.06	8.59	49.80	48.06	45.74	43.48	44.00	44.00	44.00		
17	41.92	42.44	44.58	48.06	5.34	49.80	38.28	45.16	43.48	44.00	44.00	44.00		
18	42.44	41.92	45.16	48.06	6.24	49.80	38.28	45.16	43.48	44.00	44.00	44.00		
19	42.44	41.92	44.58	48.64	3.76	49.80	37.24	44.00	44.00	44.00	44.00	44.00		
20	42.44	41.92	44.58	49.80	45.16	99.88	46.32	42.44	44.00	44.00	44.00	44.00		
21	42.44	41.92	42.96	49.80	45.16	79.00	37.24	42.44	43.48	44.00	44.00	44.00		
22	42.44	41.92	43.48	49.80	45.16	59.20	37.24	41.40	44.00	44.00	44.00	44.00		
23	42.44	41.92	44.00	49.80	44.00	56.32	50.38	41.40	44.00	44.00	44.00	44.00		
24	42.44	41.92	44.00	49.22	45.16	53.28	50.38	39.32	44.00	44.00	44.00	44.00		
25	42.44	41.92	43.48	49.22	47.48	50.96	50.38	38.28	44.00	44.00	44.00	44.00		
26	42.44	41.92	42.96	4.28	48.06	50.96	51.54	38.28	44.00	44.00	44.00	44.00		
27	42.44	41.92	43.48	4.02	48.06	76.00	51.54	38.28	44.00	44.00	44.00	44.00		
28	42.44	41.92	43.48	3.50	49.22	106.39	53.86	38.28	44.00	44.00	44.00	44.00		
29	42.44	41.92	42.96	3.37	48.64	67.12	53.86	40.88	44.00	44.00	44.00	44.00		
30	42.44	41.92	42.96	3.37	49.22	64.24	53.86	44.00	44.00	44.00	44.00	42.44		
31		41.92		3.37	47.48		56.32		44.00	44.00		42.44		
Total	1271.64	1307.32	813.43	1186.95	1204.21	1788.07	1580.43	1370.32	1356.72	1364.00	1232.00	1360.88	15835.97	CMSDAY
Mean	42.39	42.17	27.11	38.29	38.85	59.60	50.98	45.68	43.77	44.00	44.00	43.90	43.39	CMS
Max	43.48	42.44	47.48	49.80	52.70	106.39	78.25	55.60	44.00	44.00	44.00	44.00	106.39	CMS
Min	41.40	41.92	1.18	3.37	3.76	49.22	37.24	38.28	42.44	44.00	44.00	42.44	1.18	CMS
Runoff	109.87	112.95	70.28	102.55	104.04	154.49	136.55	118.40	117.22	117.85	106.45	117.58	1368.23	MCM
Momentary Peak	110.11 CMS. at 160.07 m. (MSL.) at 06.00 Hours , on Sep 28 , 2005													
Runoff Yield	129.13	Liters/Second/Square KM.		Momentary Peak Yield			327.708	Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Nam Khuan at Ban Pa Kha , Phayao (Y.36)

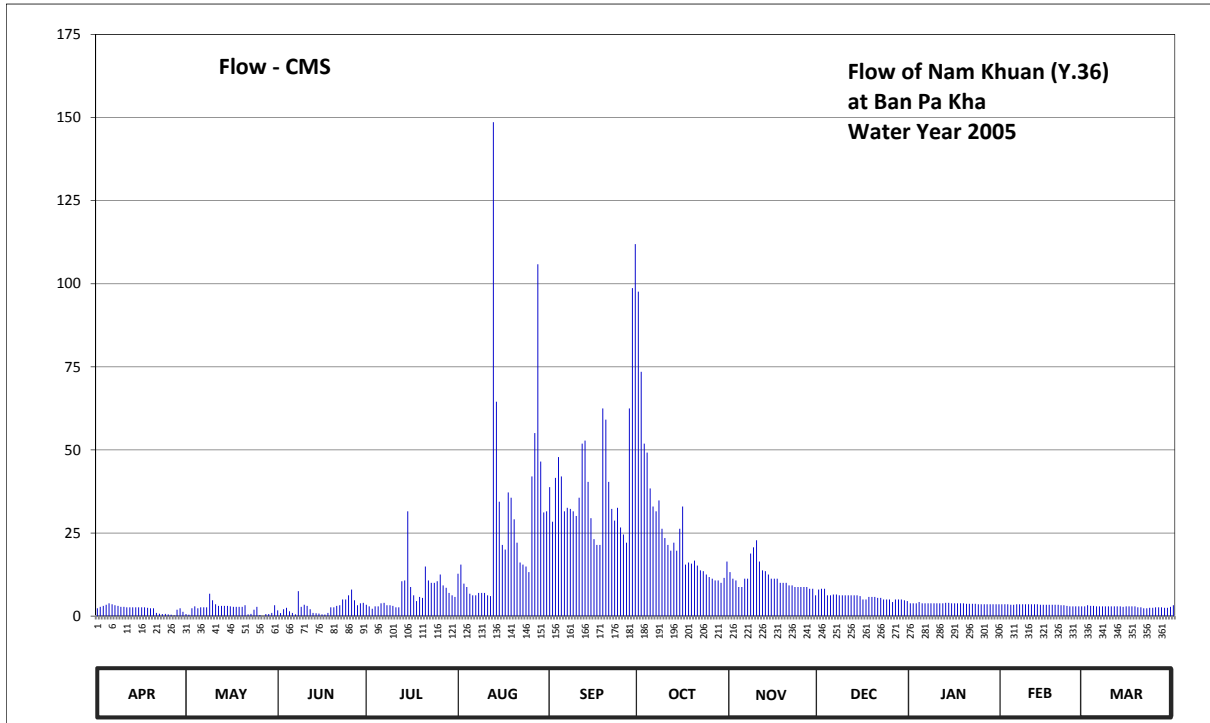
Lat 19 - 09 - 24 N Long 100 - 19 - 36 E

Location : on left bank at the bridge.

	Ban Pa Kha	Amphoe Pong	Changwat Phayao
Drainage Area	853 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+298.586 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20 meters from the abutment of the bridge.	Elevation	+307.764 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1998 to date		
Rating Operation			
Period of Rating	1998 to date		
Rated by Flot	-		
Rated by Current Meter	1998 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by the islet at the gage site. Stage-discharge relation defined by 43 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	300.29	300.12	300.25	300.36	300.75	301.52	302.72	300.77	300.56	300.39	300.37	300.33	
2	300.32	300.08	300.18	300.33	300.85	301.24	302.27	300.69	300.57	300.39	300.37	300.35	
3	300.34	300.29	300.27	300.28	300.63	301.59	301.82	300.67	300.57	300.39	300.37	300.34	
4	300.36	300.33	300.30	300.33	300.59	301.73	301.76	300.59	300.49	300.41	300.36	300.34	
5	300.39	300.29	300.23	300.33	300.51	301.60	301.51	300.59	300.49	300.39	300.36	300.33	
6	300.37	300.31	300.19	300.39	300.49	301.33	301.37	300.69	300.50	300.39	300.37	300.33	
7	300.35	300.31	300.11	300.40	300.49	301.36	301.33	300.69	300.50	300.39	300.37	300.33	
8	300.34	300.31	300.54	300.35	300.52	301.35	301.42	300.96	300.49	300.39	300.37	300.33	
9	300.32	300.51	300.32	300.35	300.52	301.33	301.18	301.02	300.49	300.39	300.37	300.33	
10	300.32	300.43	300.36	300.34	300.52	301.29	301.10	301.08	300.49	300.39	300.37	300.33	
11	300.31	300.37	300.34	300.31	300.49	301.44	301.04	300.88	300.49	300.39	300.37	300.33	
12	300.31	300.34	300.27	300.31	300.48	301.82	300.99	300.79	300.49	300.39	300.37	300.33	
13	300.31	300.34	300.19	300.66	303.61	301.84	301.06	300.78	300.49	300.40	300.37	300.33	
14	300.31	300.34	300.17	300.67	302.09	301.56	300.99	300.74	300.49	300.40	300.36	300.32	
15	300.31	300.34	300.15	301.33	301.41	301.27	301.18	300.69	300.48	300.39	300.36	300.33	
16	300.31	300.33	300.11	300.59	301.04	301.09	301.37	300.69	300.44	300.39	300.36	300.33	
17	300.31	300.32	300.09	300.49	301.00	301.04	300.85	300.69	300.44	300.39	300.36	300.33	
18	300.30	300.32	300.19	300.42	301.48	301.04	300.87	300.64	300.47	300.39	300.36	300.33	
19	300.29	300.32	300.31	300.47	301.44	302.05	300.86	300.64	300.47	300.39	300.36	300.31	
20	300.29	300.32	300.31	300.46	301.26	301.98	300.89	300.64	300.47	300.38	300.36	300.31	
21	300.19	300.35	300.34	300.83	301.06	301.56	300.84	300.61	300.46	300.38	300.35	300.29	
22	300.14	300.11	300.35	300.67	300.87	301.35	300.79	300.61	300.46	300.38	300.35	300.29	
23	300.12	300.13	300.44	300.64	300.85	301.25	300.78	300.59	300.44	300.38	300.34	300.30	
24	300.13	300.26	300.44	300.64	300.83	301.36	300.74	300.59	300.44	300.37	300.33	300.30	
25	300.11	300.32	300.49	300.66	300.77	301.19	300.71	300.59	300.44	300.37	300.33	300.31	
26	300.07	300.03	300.56	300.74	301.60	301.13	300.69	300.59	300.41	300.37	300.33	300.31	
27	299.99	299.90	300.43	300.61	301.89	301.06	300.67	300.59	300.44	300.37	300.33	300.31	
28	300.26	300.12	300.35	300.58	302.87	302.05	300.67	300.57	300.44	300.37	300.33	300.30	
29	300.29	300.12	300.39	300.52	301.70	302.74	300.64	300.57	300.44	300.37	300.33	300.30	
30	300.22	300.19	300.40	300.49	301.32	302.98	300.70	300.49	300.43	300.37	300.33	300.32	
31		300.35		300.47	301.33		300.88		300.42	300.37		300.35	
Mean	300.27	300.26	300.30	300.52	301.14	301.54	301.12	300.69	300.47	300.38	300.36	300.32	
Max	300.39	300.51	300.56	301.33	303.61	302.98	302.72	301.08	300.57	300.41	300.37	300.35	303.61
Min	299.99	299.90	300.09	300.28	300.48	301.04	300.64	300.49	300.41	300.37	300.33	300.29	299.90
Annual Max Momentary Gage Height	303.99		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	298.59		m. (MSL.) ,				River Bed	299.16		m. (MSL.)			
Left Bank Elevation	307.39		m. (MSL.) ,										
Right Bank Elevation	307.49		m. (MSL.) ,				Drainage Are	853		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.35	0.60	1.75	3.40	12.75	38.80	97.60	13.25	8.00	3.85	3.55	2.95		
2	2.80	0.45	0.90	2.95	15.50	28.40	73.50	11.25	8.25	3.85	3.55	3.25		
3	3.10	2.35	2.05	2.20	9.75	41.60	51.90	10.75	8.25	3.85	3.55	3.10		
4	3.40	2.95	2.50	2.95	8.75	47.85	49.20	8.75	6.25	4.25	3.40	3.10		
5	3.85	2.35	1.45	2.95	6.75	42.00	38.40	8.75	6.25	3.85	3.40	2.95		
6	3.55	2.65	0.95	3.85	6.25	31.55	32.95	11.25	6.50	3.85	3.55	2.95		
7	3.25	2.65	0.55	4.00	6.25	32.60	31.55	11.25	6.50	3.85	3.55	2.95		
8	3.10	2.65	7.50	3.25	7.00	32.25	34.80	18.80	6.25	3.85	3.55	2.95		
9	2.80	6.75	2.80	3.25	7.00	31.55	26.30	20.70	6.25	3.85	3.55	2.95		
10	2.80	4.75	3.40	3.10	7.00	30.15	23.50	22.80	6.25	3.85	3.55	2.95		
11	2.65	3.55	3.10	2.65	6.25	35.60	21.40	16.40	6.25	3.85	3.55	2.95		
12	2.65	3.10	2.05	2.65	6.00	51.90	19.70	13.75	6.25	3.85	3.55	2.95		
13	2.65	3.10	0.95	10.50	148.60	52.80	22.10	13.50	6.25	4.00	3.55	2.95		
14	2.65	3.10	0.85	10.75	64.50	40.40	19.70	12.50	6.25	4.00	3.40	2.80		
15	2.65	3.10	0.75	31.55	34.40	29.45	26.30	11.25	6.00	3.85	3.40	2.95		
16	2.65	2.95	0.55	8.75	21.40	23.15	32.95	11.25	5.00	3.85	3.40	2.95		
17	2.65	2.80	0.47	6.25	20.00	21.40	15.50	11.25	5.00	3.85	3.40	2.95		
18	2.50	2.80	0.95	4.50	37.20	21.40	16.10	10.00	5.75	3.85	3.40	2.95		
19	2.35	2.80	2.65	5.75	35.60	62.50	15.80	10.00	5.75	3.85	3.40	2.65		
20	2.35	2.80	2.65	5.50	29.10	59.10	16.70	10.00	5.75	3.70	3.40	2.65		
21	0.95	3.25	3.10	14.90	22.10	40.40	15.20	9.25	5.50	3.70	3.25	2.35		
22	0.70	0.55	3.25	10.75	16.10	32.25	13.75	9.25	5.50	3.70	3.25	2.35		
23	0.60	0.65	5.00	10.00	15.50	28.75	13.50	8.75	5.00	3.70	3.10	2.50		
24	0.65	1.90	5.00	10.00	14.90	32.60	12.50	8.75	5.00	3.55	2.95	2.50		
25	0.55	2.80	6.25	10.50	13.25	26.65	11.75	8.75	5.00	3.55	2.95	2.65		
26	0.43	0.32	8.00	12.50	42.00	24.55	11.25	8.75	4.25	3.55	2.95	2.65		
27	0.23	0.01	4.75	9.25	55.05	22.10	10.75	8.75	5.00	3.55	2.95	2.65		
28	1.90	0.60	3.25	8.50	105.85	62.50	10.75	8.25	5.00	3.55	2.95	2.50		
29	2.35	0.60	3.85	7.00	46.50	98.70	10.00	8.25	5.00	3.55		2.50		
30	1.30	0.95	4.00	6.25	31.20	111.90	11.50	6.25	4.75	3.55		2.80		
31		3.25		5.75	31.55		16.40		4.50	3.55		3.25		
Total	66.41	73.13	85.27	226.15	884.05	1234.85	803.30	342.45	181.50	117.05	94.00	87.55	4195.71	CMSDAY
Mean	2.21	2.36	2.84	7.30	28.52	41.16	25.91	11.41	5.85	3.78	3.36	2.82	11.50	CMS
Max	3.85	6.75	8.00	31.55	148.60	111.90	97.60	22.80	8.25	4.25	3.55	3.25	148.60	CMS
Min	0.23	0.01	0.47	2.20	6.00	21.40	10.00	6.25	4.25	3.55	2.95	2.35	0.01	CMS
Runoff	5.74	6.32	7.37	19.54	76.38	106.69	69.41	29.59	15.68	10.11	8.12	7.56	362.51	MCM
Momentary Peak	171.40		CMS. at 303.99 m. (MSL.) at 06.00 Hours , on Aug 13 , 2005											
Runoff Yield	13.48		Liters/Second/Square KM.		Momentary Peak Yield	200.938		Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Yom River at Ban Wang Chin , Phrae (Y.37)

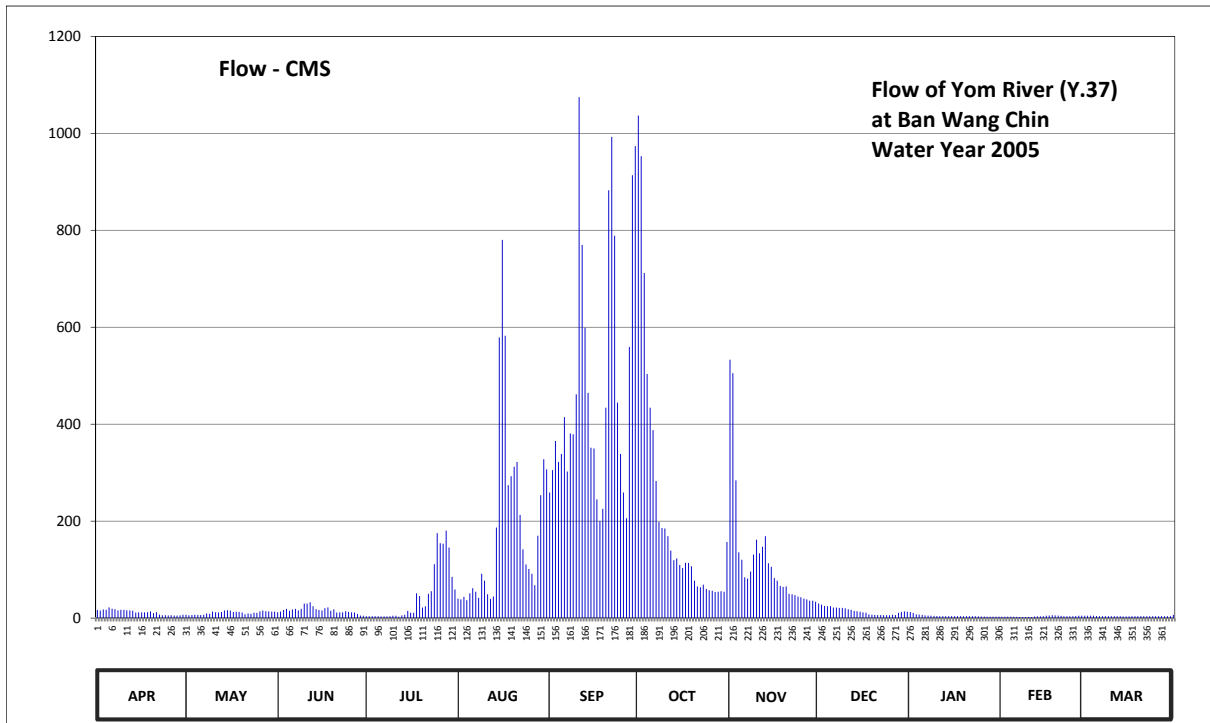
Lat 17 - 53 - 48 N Long 99 - 36 - 28 E

Location : on left bank at the bridge on road.

	Ban Wang Chin	Amphoe Wang Chin	Changwat Phrae
Drainage Area	10,305 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 5 meters from the top staff gage.	Elevation	+10.030 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The weir situated about 1 kilometer downstream from the gage site. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.24	1.95	2.12	1.80	2.58	4.75	9.38	6.63	2.46	2.13	1.71	1.84	
2	2.21	1.90	2.16	1.80	2.56	5.08	8.98	6.46	2.43	2.07	1.71	1.84	
3	2.26	1.91	2.24	1.80	2.62	5.51	7.68	4.93	2.40	1.98	1.70	1.84	
4	2.25	1.94	2.29	1.80	2.54	5.20	6.45	3.64	2.39	1.97	1.69	1.84	
5	2.35	1.93	2.20	1.78	2.70	5.32	6.00	3.47	2.39	1.93	1.68	1.82	
6	2.30	1.92	2.26	1.76	2.82	5.86	5.67	3.07	2.34	1.88	1.65	1.80	
7	2.28	1.94	2.29	1.75	2.74	5.06	4.92	3.04	2.34	1.86	1.62	1.80	
8	2.22	2.05	2.22	1.77	2.60	5.62	4.29	3.20	2.33	1.84	1.62	1.80	
9	2.25	2.03	2.29	1.80	3.15	5.61	4.17	3.59	2.33	1.83	1.63	1.80	
10	2.25	2.16	2.46	1.85	2.99	6.18	4.16	3.93	2.31	1.82	1.62	1.80	
11	2.23	2.12	2.46	1.85	2.68	9.56	4.01	3.62	2.27	1.80	1.63	1.79	
12	2.22	2.10	2.49	1.70	2.57	8.01	3.68	3.77	2.25	1.80	1.72	1.78	
13	2.20	2.13	2.39	1.88	2.63	7.03	3.46	4.01	2.19	1.80	1.75	1.78	
14	2.10	2.22	2.28	1.95	4.18	6.20	3.50	3.39	2.18	1.80	1.77	1.77	
15	2.11	2.23	2.24	2.19	6.91	5.41	3.35	3.31	2.15	1.80	1.79	1.77	
16	2.11	2.21	2.22	2.09	8.07	5.40	3.28	3.05	2.11	1.80	1.84	1.77	
17	2.11	2.13	2.32	2.08	6.93	4.65	3.40	2.99	2.09	1.80	1.86	1.78	
18	2.12	2.15	2.35	2.70	4.86	4.31	3.40	2.87	1.98	1.80	1.90	1.80	
19	2.17	2.14	2.20	2.64	4.99	4.51	3.32	2.85	1.95	1.80	1.88	1.79	
20	2.06	2.10	2.27	2.34	5.13	6.00	2.99	2.86	1.93	1.80	1.86	1.78	
21	2.12	2.00	2.10	2.39	5.20	8.64	2.86	2.69	1.92	1.79	1.83	1.78	
22	1.96	2.04	2.11	2.69	4.42	9.17	2.84	2.68	1.91	1.79	1.80	1.78	
23	1.90	2.03	2.11	2.75	3.71	8.12	2.90	2.66	1.90	1.79	1.80	1.78	
24	1.90	2.09	2.18	3.37	3.36	6.07	2.80	2.63	1.89	1.77	1.80	1.78	
25	1.88	2.08	2.14	4.07	3.26	5.32	2.77	2.61	1.89	1.74	1.79	1.78	
26	1.90	2.17	2.11	3.85	3.15	4.75	2.76	2.58	1.94	1.72	1.81	1.78	
27	1.87	2.21	2.10	3.84	2.89	4.36	2.73	2.56	1.91	1.71	1.85	1.78	
28	1.87	2.18	2.02	4.12	4.02	6.79	2.74	2.53	2.08	1.71	1.85	1.78	
29	1.88	2.17	1.86	3.75	4.71	8.79	2.75	2.53	2.14	1.71		1.79	
30	1.95	2.15	1.85	3.08	5.24	9.08	2.74	2.50	2.17	1.71		1.80	
31		2.16		2.79	5.09		3.88		2.15	1.71		1.93	
Mean	2.11	2.08	2.21	2.45	3.91	6.21	4.12	3.36	2.15	1.82	1.76	1.80	
Max	2.35	2.23	2.49	4.12	8.07	9.56	9.38	6.63	2.46	2.13	1.90	1.93	9.56
Min	1.87	1.90	1.85	1.70	2.54	4.31	2.73	2.50	1.89	1.71	1.62	1.77	1.62
Annual Max Momentary Gage Height	9.69		m. (A.D.) ,			at 09.00 Hours ,	on Sep 11 , 2005						
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	-0.47	m. (A.D.)					
Left Bank Elevation	13.00		m. (A.D.) ,										
Right Bank Elevation	14.05		m. (A.D.) ,			Drainage Area	10,305	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	16.80	7.00	12.20	4.00	40.30	259.00	1036.80	533.00	30.10	12.60	3.10	4.80		
2	15.50	6.00	13.60	4.00	38.60	305.20	952.80	505.20	27.60	10.40	3.10	4.80		
3	17.70	6.20	16.80	4.00	43.80	365.40	712.00	284.20	25.00	7.60	3.00	4.80		
4	17.20	6.80	19.00	4.00	36.90	322.00	503.60	135.60	24.50	7.40	2.90	4.80		
5	22.20	6.60	15.00	3.80	51.00	338.80	434.00	120.30	24.50	6.60	2.80	4.40		
6	19.50	6.40	17.70	3.60	61.80	414.40	387.80	84.30	21.70	5.60	2.50	4.00		
7	18.60	6.80	19.00	3.50	54.60	302.40	282.80	81.60	21.70	5.20	2.20	4.00		
8	15.90	9.70	15.90	3.70	42.00	380.80	198.50	96.00	21.10	4.80	2.20	4.00		
9	17.20	9.00	19.00	4.00	91.50	379.40	185.90	131.10	21.10	4.60	2.30	4.00		
10	17.20	13.60	30.10	5.00	77.10	461.60	184.80	161.70	20.00	4.40	2.20	4.00		
11	16.30	12.20	30.10	5.00	49.20	1074.60	169.10	133.80	18.10	4.00	2.30	3.90		
12	15.90	11.50	32.70	3.00	39.50	769.80	139.20	147.30	17.20	4.00	3.20	3.80		
13	15.00	12.60	24.50	5.60	44.70	599.00	119.40	169.10	14.70	4.00	3.50	3.80		
14	11.50	15.90	18.60	7.00	186.90	464.70	123.00	113.10	14.30	4.00	3.70	3.70		
15	11.80	16.30	16.80	14.70	579.10	351.40	109.50	105.90	13.30	4.00	3.90	3.70		
16	11.80	15.50	15.90	11.10	780.20	350.00	103.20	82.50	11.80	4.00	4.80	3.70		
17	11.80	12.60	20.60	10.80	582.50	245.00	114.00	77.10	11.10	4.00	5.20	3.80		
18	12.20	13.30	22.20	51.00	274.40	200.50	114.00	66.30	7.60	4.00	6.00	4.00		
19	14.00	12.90	15.00	45.60	292.60	225.40	106.80	64.50	7.00	4.00	5.60	3.90		
20	10.10	11.50	18.10	21.70	312.20	434.00	77.10	65.40	6.60	4.00	5.20	3.80		
21	12.20	8.00	11.50	24.50	322.00	882.70	65.40	50.10	6.40	3.90	4.60	3.80		
22	7.20	9.40	11.80	50.10	212.80	992.70	63.60	49.20	6.20	3.90	4.00	3.80		
23	6.00	9.00	11.80	55.50	141.90	789.00	69.00	47.40	6.00	3.90	4.00	3.80		
24	6.00	11.10	14.30	111.30	110.40	444.70	60.00	44.70	5.80	3.70	4.00	3.80		
25	5.60	10.80	12.90	175.40	101.40	338.80	57.30	42.90	5.80	3.40	3.90	3.80		
26	6.00	14.00	11.80	154.50	91.50	259.00	56.40	40.30	6.80	3.20	4.20	3.80		
27	5.40	15.50	11.50	153.60	68.10	205.80	53.70	38.60	6.20	3.10	5.00	3.80		
28	5.40	14.30	8.70	180.60	170.10	559.30	54.60	36.00	10.80	3.10	5.00	3.80		
29	5.60	14.00	5.20	145.50	253.40	913.50	55.50	36.00	12.90	3.10		3.90		
30	7.00	13.30	5.00	85.20	327.60	973.80	54.60	33.50	14.00	3.10		4.00		
31		13.60		59.10	306.60		157.20		13.30	3.10		6.60		
Total	374.60	345.40	497.30	1410.40	5784.70	14602.70	6801.60	3576.70	453.20	146.70	104.40	126.60	34224.30	CMSDAY
Mean	12.50	11.10	16.60	45.50	186.60	486.80	219.40	119.20	14.60	4.70	3.70	4.10	93.80	CMS
Max	22.20	16.30	32.70	180.60	780.20	1074.60	1036.80	533.00	30.10	12.60	6.00	6.60	1074.60	CMS
Min	5.40	6.00	5.00	3.00	36.90	200.50	53.70	33.50	5.80	3.10	2.20	3.70	2.20	CMS
Runoff	32.37	29.84	42.97	121.86	499.80	1261.67	587.66	309.03	39.16	12.67	9.02	10.94	2956.98	MCM
Momentary Peak	1101.90	CMS.	at 9.69 m. (A.D.) at 09.00 Hours , on Sep 11, 2005											
Runoff Yield	9.10	Liters/Second/Square KM.		Momentary Peak Yield			106.929	Liters/Second/Square KM.						

WATER YEAR : 2005

YOM RIVER BASIN

Nam Mae Kham Mi at Ban Mae Kham Mi Tamnak Tham , Phrae (Y.38)

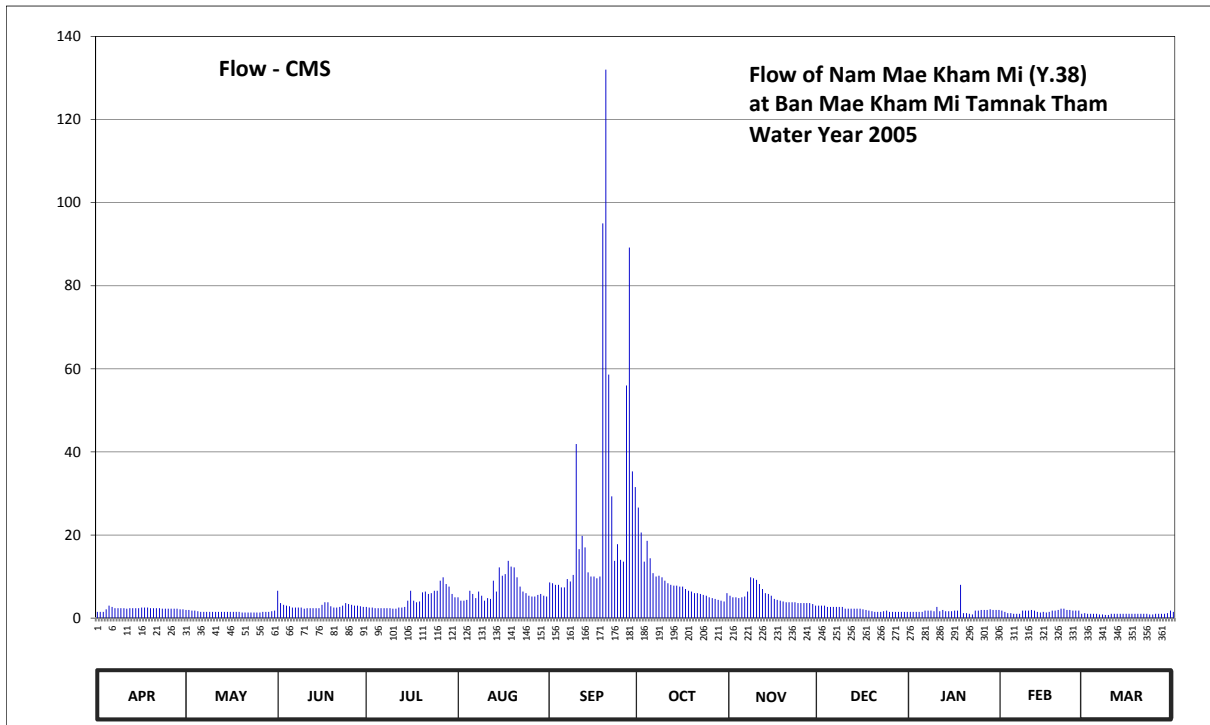
Lat 18 - 15 - 54 N Long 100 - 14 - 28 E

Location : on right bank at the bridge on road.

	Ban	Mae Kham Mi Tamnak Thar	Amphoe	Nong Muang Khai	Changwat	Phrae
Drainage Area	425	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+170.100 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 15 meters from the top staff gage.				Elevation	+173.100 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1999 to date					
Rating Operation						
Period of Rating	1999 to date					
Rated by Flot	-					
Rated by Current Meter	1999 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The islet situated of the gage site. Stage-discharge relation defined by 29 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	172.10	172.13	172.38	172.18	172.30	172.48	173.08	172.32	172.20	172.10	172.12	172.08	
2	172.10	172.13	172.23	172.17	172.26	172.47	172.94	172.30	172.20	172.10	172.10	172.07	
3	172.10	172.12	172.21	172.17	172.26	172.45	172.73	172.30	172.20	172.10	172.08	172.07	
4	172.14	172.12	172.20	172.16	172.27	172.45	172.89	172.29	172.18	172.10	172.08	172.07	
5	172.20	172.11	172.19	172.16	172.38	172.42	172.77	172.30	172.18	172.10	172.07	172.07	
6	172.18	172.10	172.17	172.16	172.34	172.42	172.59	172.31	172.18	172.12	172.07	172.06	
7	172.16	172.10	172.17	172.16	172.29	172.52	172.55	172.37	172.18	172.12	172.07	172.06	
8	172.16	172.10	172.17	172.16	172.37	172.49	172.56	172.54	172.18	172.12	172.12	172.05	
9	172.16	172.10	172.17	172.16	172.32	172.57	172.54	172.53	172.18	172.11	172.12	172.05	
10	172.16	172.10	172.15	172.15	172.26	173.38	172.50	172.51	172.15	172.18	172.12	172.07	
11	172.15	172.10	172.16	172.15	172.29	172.84	172.47	172.46	172.15	172.11	172.13	172.07	
12	172.16	172.10	172.16	172.17	172.28	172.92	172.45	172.40	172.15	172.13	172.12	172.07	
13	172.16	172.10	172.16	172.17	172.50	172.85	172.44	172.35	172.15	172.11	172.10	172.07	
14	172.16	172.10	172.16	172.18	172.37	172.60	172.44	172.34	172.15	172.11	172.09	172.07	
15	172.16	172.10	172.16	172.26	172.66	172.55	172.43	172.32	172.15	172.11	172.10	172.07	
16	172.17	172.10	172.21	172.38	172.56	172.55	172.43	172.28	172.14	172.12	172.09	172.07	
17	172.17	172.10	172.24	172.26	172.58	172.53	172.40	172.27	172.13	172.12	172.10	172.07	
18	172.17	172.10	172.24	172.24	172.74	172.55	172.38	172.26	172.12	172.45	172.12	172.07	
19	172.16	172.10	172.19	172.25	172.67	174.15	172.37	172.25	172.11	172.08	172.12	172.07	
20	172.16	172.09	172.17	172.36	172.66	174.52	172.35	172.24	172.10	172.08	172.13	172.07	
21	172.16	172.09	172.17	172.37	172.54	173.64	172.35	172.24	172.10	172.07	172.15	172.07	
22	172.16	172.09	172.18	172.34	172.43	173.14	172.34	172.24	172.10	172.06	172.15	172.07	
23	172.15	172.09	172.20	172.35	172.37	172.74	172.33	172.24	172.11	172.12	172.13	172.06	
24	172.15	172.09	172.23	172.38	172.35	172.87	172.32	172.23	172.12	172.12	172.13	172.06	
25	172.15	172.09	172.22	172.38	172.32	172.75	172.30	172.23	172.10	172.13	172.12	172.07	
26	172.15	172.09	172.21	172.50	172.31	172.73	172.29	172.23	172.10	172.13	172.12	172.07	
27	172.15	172.10	172.20	172.54	172.31	173.60	172.28	172.23	172.10	172.13	172.12	172.07	
28	172.15	172.10	172.20	172.46	172.33	174.09	172.27	172.23	172.10	172.14	172.07	172.07	
29	172.14	172.10	172.19	172.43	172.34	173.26	172.26	172.22	172.10	172.13		172.08	
30	172.14	172.11	172.18	172.34	172.32	173.19	172.25	172.20	172.10	172.13		172.12	
31		172.12		172.30	172.31		172.35		172.10	172.13		172.10	
Mean	172.15	172.10	172.20	172.27	172.40	172.92	172.47	172.31	172.14	172.12	172.11	172.07	
Max	172.20	172.13	172.38	172.54	172.74	174.52	173.08	172.54	172.20	172.45	172.15	172.12	174.52
Min	172.10	172.09	172.15	172.15	172.26	172.42	172.25	172.20	172.10	172.06	172.07	172.05	172.05
Annual Max Momentary Gage Height	176.10		m. (MSL.) ,				at 21.00 Hours ,						
Zero Gage at Bottom Elevation	170.10		m. (MSL.) ,			River Bed	172.63	m. (MSL.)					
Left Bank Elevation		180.04		m. (MSL.) ,									
Right Bank Elevation		180.00		m. (MSL.) ,		Drainage Are	425	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.50	1.95	6.60	2.70	5.00	8.60	26.60	5.40	3.00	1.50	1.80	1.20	
2	1.50	1.95	3.60	2.55	4.20	8.40	20.60	5.00	3.00	1.50	1.50	1.05	
3	1.50	1.80	3.20	2.55	4.20	8.00	13.60	5.00	3.00	1.50	1.20	1.05	
4	2.10	1.80	3.00	2.40	4.40	8.00	18.60	4.80	2.70	1.50	1.20	1.05	
5	3.00	1.65	2.85	2.40	6.60	7.40	14.40	5.00	2.70	1.50	1.05	1.05	
6	2.70	1.50	2.55	2.40	5.80	7.40	10.80	5.20	2.70	1.80	1.05	0.90	
7	2.40	1.50	2.55	2.40	4.80	9.40	10.00	6.40	2.70	1.80	1.05	0.90	
8	2.40	1.50	2.55	2.40	6.40	8.80	10.20	9.80	2.70	1.80	1.80	0.75	
9	2.40	1.50	2.55	2.40	5.40	10.40	9.80	9.60	2.70	1.65	1.80	0.75	
10	2.40	1.50	2.25	2.25	4.20	41.90	9.00	9.20	2.25	2.70	1.80	1.05	
11	2.25	1.50	2.40	2.25	4.80	16.60	8.40	8.20	2.25	1.65	1.95	1.05	
12	2.40	1.50	2.40	2.55	4.60	19.80	8.00	7.00	2.25	1.95	1.80	1.05	
13	2.40	1.50	2.40	2.55	9.00	17.00	7.80	6.00	2.25	1.65	1.50	1.05	
14	2.40	1.50	2.40	2.70	6.40	11.00	7.80	5.80	2.25	1.65	1.35	1.05	
15	2.40	1.50	2.40	4.20	12.20	10.00	7.60	5.40	2.25	1.65	1.50	1.05	
16	2.55	1.50	3.20	6.60	10.20	10.00	7.60	4.60	2.10	1.80	1.35	1.05	
17	2.55	1.50	3.80	4.20	10.60	9.60	7.00	4.40	1.95	1.80	1.50	1.05	
18	2.55	1.50	3.80	3.80	13.80	10.00	6.60	4.20	1.80	8.00	1.80	1.05	
19	2.40	1.50	2.85	4.00	12.40	95.00	6.40	4.00	1.65	1.20	1.80	1.05	
20	2.40	1.35	2.55	6.20	12.20	132.00	6.00	3.80	1.50	1.20	1.95	1.05	
21	2.40	1.35	2.55	6.40	9.80	58.60	6.00	3.80	1.50	1.05	2.25	1.05	
22	2.40	1.35	2.70	5.80	7.60	29.30	5.80	3.80	1.50	0.90	2.25	1.05	
23	2.25	1.35	3.00	6.00	6.40	13.80	5.60	3.80	1.65	1.80	1.95	0.90	
24	2.25	1.35	3.60	6.60	6.00	17.80	5.40	3.60	1.80	1.80	1.95	0.90	
25	2.25	1.35	3.40	6.60	5.40	14.00	5.00	3.60	1.50	1.95	1.80	1.05	
26	2.25	1.35	3.20	9.00	5.20	13.60	4.80	3.60	1.50	1.95	1.80	1.05	
27	2.25	1.50	3.00	9.80	5.20	56.00	4.60	3.60	1.50	1.95	1.80	1.05	
28	2.25	1.50	3.00	8.20	5.60	89.20	4.40	3.60	1.50	2.10	1.05	1.05	
29	2.10	1.50	2.85	7.60	5.80	35.30	4.20	3.40	1.50	1.95		1.20	
30	2.10	1.65	2.70	5.80	5.40	31.55	4.00	3.00	1.50	1.95		1.80	
31		1.80		5.00	5.20		6.00		1.50	1.95		1.50	
Total	68.70	47.55	89.90	140.30	214.80	808.45	272.60	154.60	64.65	59.15	45.60	32.85	1999.15 CMSDAY
Mean	2.29	1.53	3.00	4.53	6.93	26.95	8.79	5.15	2.09	1.91	1.63	1.06	5.48 CMS
Max	3.00	1.95	6.60	9.80	13.80	132.00	26.60	9.80	3.00	8.00	2.25	1.80	132.00 CMS
Min	1.50	1.35	2.25	2.25	4.20	7.40	4.00	3.00	1.50	0.90	1.05	0.75	0.75 CMS
Runoff	5.94	4.11	7.77	12.12	18.56	69.85	23.55	13.36	5.59	5.11	3.94	2.84	172.73 MCM
Momentary Peak		315.00	CMS.		at 176.10 m. (MSL.)								on Sep 19, 2005
Runoff Yield		12.89	Liters/Second/Square KM.			Momentary Peak Yield	741.176						Liters/Second/Square KM.

WATER YEAR : 2005**NAN RIVER BASIN****Nan River at Forestry Office , Nan (N.1)**

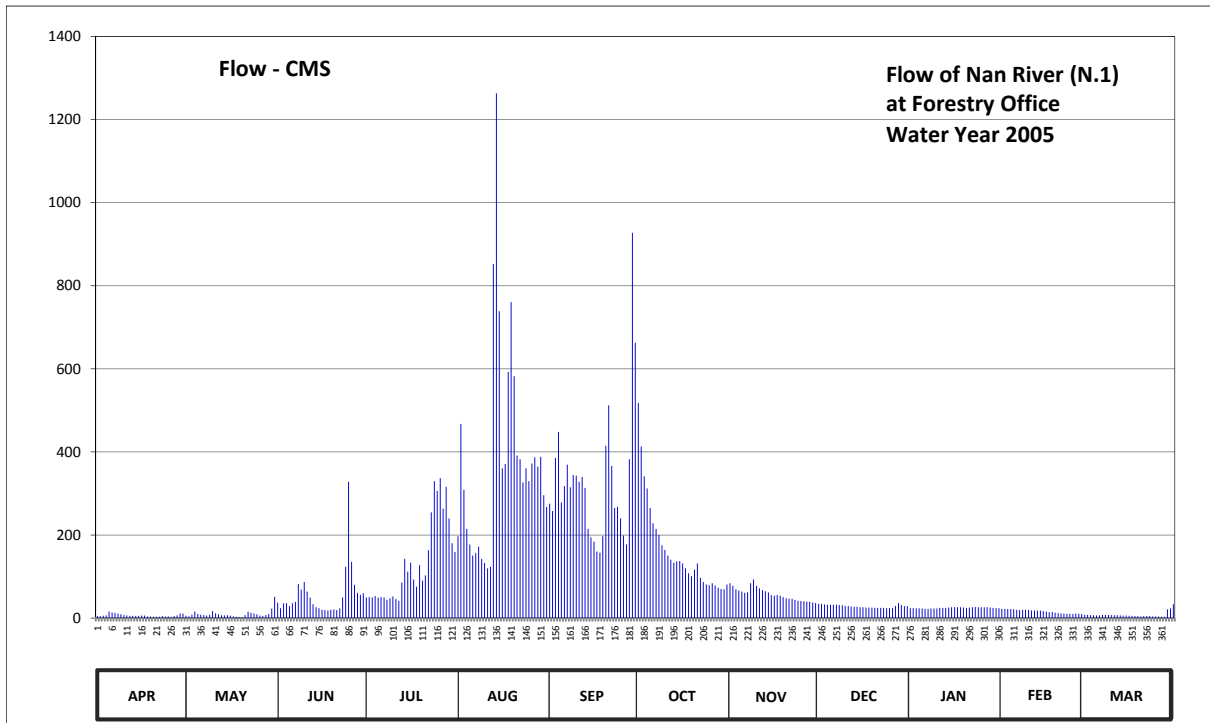
Lat 18 - 46 - 26 N Long 100 - 46 - 56 E

Location : on right bank in front of Forestry Office.

	Ban Forestry Office	Amphoe Mueang	Changwat Nan
Drainge Area	4,560 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+192.200 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On west side of automatic gage building.	Elevation +199.868 m. (MSL.)	
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1922 - 1956 , 1962 to date		
Rating Operation			
Period of Rating	1954 - 1956 , 1979 to date		
Rated by Flot	-		
Rated by Current Meter	1954 - 1956 , 1979 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 45 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	192.11	192.13	192.69	192.88	194.45	194.98	196.48	193.33	192.65	192.50	192.47	192.19	
2	192.11	192.10	192.50	192.89	196.22	194.86	195.92	193.26	192.65	192.50	192.47	192.18	
3	192.13	192.19	192.67	192.88	195.21	195.73	195.43	193.15	192.63	192.49	192.46	192.17	
4	192.15	192.35	192.67	192.93	194.57	196.12	195.23	193.11	192.62	192.49	192.46	192.16	
5	192.35	192.23	192.57	192.87	194.27	195.00	194.91	193.08	192.62	192.48	192.45	192.15	
6	192.31	192.19	192.67	192.89	194.00	195.27	194.66	193.04	192.62	192.47	192.43	192.15	
7	192.29	192.17	192.72	192.88	194.06	195.62	194.57	193.05	192.62	192.47	192.41	192.18	
8	192.25	192.14	193.31	192.80	194.22	195.25	194.47	193.33	192.61	192.48	192.43	192.18	
9	192.21	192.19	193.14	192.85	193.92	195.45	194.25	193.42	192.60	192.48	192.43	192.18	
10	192.17	192.37	193.36	192.91	193.82	195.44	194.14	193.26	192.58	192.48	192.42	192.17	
11	192.15	192.27	193.08	192.82	193.69	195.34	194.00	193.18	192.58	192.51	192.40	192.16	
12	192.13	192.21	192.87	192.76	193.73	195.42	193.90	193.12	192.56	192.51	192.40	192.16	
13	192.12	192.16	192.64	193.35	197.89	195.24	193.83	193.09	192.55	192.51	192.39	192.15	
14	192.12	192.15	192.53	193.92	199.25	194.57	193.86	193.05	192.55	192.52	192.39	192.14	
15	192.12	192.16	192.50	193.61	197.45	194.43	193.87	192.96	192.53	192.53	192.37	192.14	
16	192.14	192.13	192.43	193.83	195.56	194.34	193.81	192.94	192.53	192.54	192.35	192.13	
17	192.14	192.10	192.41	193.42	195.63	194.10	193.69	192.96	192.52	192.53	192.32	192.12	
18	192.10	192.07	192.40	193.23	196.85	194.07	193.57	192.94	192.52	192.53	192.33	192.11	
19	192.09	192.06	192.43	193.77	197.54	194.45	193.50	192.89	192.52	192.52	192.30	192.11	
20	192.08	192.06	192.44	193.39	196.81	195.93	193.66	192.85	192.51	192.51	192.28	192.10	
21	192.08	192.17	192.41	193.52	195.77	196.45	193.81	192.84	192.51	192.52	192.26	192.11	
22	192.08	192.34	192.49	194.13	195.71	195.60	193.46	192.83	192.51	192.53	192.25	192.11	
23	192.11	192.29	192.88	194.84	195.33	194.91	193.36	192.79	192.51	192.54	192.24	192.11	
24	192.09	192.26	193.73	195.35	195.56	194.93	193.30	192.76	192.50	192.53	192.23	192.10	
25	192.10	192.21	195.34	195.19	195.35	194.74	193.28	192.75	192.50	192.53	192.23	192.09	
26	192.07	192.14	193.85	195.40	195.64	194.46	193.33	192.74	192.51	192.53	192.25	192.09	
27	192.11	192.12	193.29	194.90	195.74	194.27	193.27	192.73	192.58	192.53	192.25	192.08	
28	192.15	192.18	193.04	195.26	195.59	195.71	193.20	192.72	192.68	192.52	192.22	192.08	
29	192.25	192.22	192.97	194.74	195.75	198.17	193.16	192.70	192.61	192.51		192.45	
30	192.25	192.48	193.03	194.30	195.12	197.14	193.15	192.68	192.57	192.50		192.48	
31		192.90		194.09	194.93		193.30		192.57	192.50		192.64	
Mean	192.15	192.22	192.90	193.70	195.47	195.27	194.01	192.99	192.57	192.51	192.35	192.17	
Max	192.35	192.90	195.34	195.40	199.25	198.17	196.48	193.42	192.68	192.54	192.47	192.64	199.25
Min	192.07	192.06	192.40	192.76	193.69	194.07	193.15	192.68	192.50	192.47	192.22	192.08	192.06
Annual Max Momentary Gage Height	199.45		m. (MSL.) ,										at 05.00 Hours , on Aug 14 , 2005
Zero Gage at Bottom Elevation	192.20		m. (MSL.) ,				River Bed	189.35		m. (MSL.)			
Left Bank Elevation	199.64		m. (MSL.) ,										
Right Bank Elevation	203.93		m. (MSL.) ,			Drainage Are	4,560		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.80	5.60	36.90	49.80	197.30	275.20	518.00	84.00	34.20	24.00	22.40	8.20		
2	4.80	4.30	24.00	50.50	467.60	257.60	413.20	77.80	34.20	24.00	22.40	7.80		
3	5.60	8.20	35.60	49.80	309.00	385.30	341.30	69.20	32.80	23.50	21.80	7.40		
4	6.50	15.80	35.60	53.20	215.00	448.20	311.90	66.30	32.20	23.50	21.80	6.90		
5	15.80	10.00	28.80	49.20	177.10	278.10	264.90	64.00	32.20	22.90	21.20	6.50		
6	13.50	8.20	35.60	50.50	150.40	317.80	228.20	61.00	32.20	22.40	20.10	6.50		
7	12.60	7.40	39.00	49.80	156.30	369.20	215.00	61.80	32.20	22.40	19.10	7.80		
8	10.80	6.10	82.00	44.40	172.20	314.80	200.30	84.00	31.50	22.90	20.10	7.80		
9	9.10	8.20	68.50	47.80	142.40	344.20	175.10	92.90	30.80	22.90	20.10	7.80		
10	7.40	16.80	86.90	51.90	132.50	342.80	164.20	77.80	29.40	22.90	19.60	7.40		
11	6.50	11.70	64.00	45.80	119.60	328.10	150.40	71.50	29.40	24.70	18.50	6.90		
12	5.60	9.10	49.20	41.70	123.60	339.80	140.50	67.00	28.10	24.70	18.50	6.90		
13	5.20	6.90	33.50	86.00	852.50	313.40	133.50	64.70	27.40	24.70	17.90	6.50		
14	5.20	6.50	26.00	142.40	1263.00	215.00	136.50	61.80	27.40	25.40	17.90	6.10		
15	5.20	6.90	24.00	111.70	738.40	194.40	137.50	55.30	26.00	26.00	16.80	6.10		
16	6.10	5.60	20.10	133.50	360.40	184.10	131.50	53.90	26.00	26.70	15.80	5.60		
17	6.10	4.30	19.10	92.90	370.70	160.30	119.60	55.30	25.40	26.00	14.10	5.20		
18	4.30	3.00	18.50	75.40	592.20	157.30	107.80	53.90	25.40	26.00	14.60	4.80		
19	3.90	2.60	20.10	127.60	760.40	197.30	100.80	50.50	25.40	25.40	13.00	4.80		
20	3.50	2.60	20.70	89.90	582.40	414.70	116.70	47.80	24.70	24.70	12.10	4.30		
21	3.50	7.40	19.10	102.80	391.20	512.20	131.50	47.10	24.70	25.40	11.30	4.80		
22	3.50	15.20	23.50	163.20	382.40	366.30	96.90	46.40	24.70	26.00	10.80	4.80		
23	4.80	12.60	49.80	254.60	326.60	264.90	86.90	43.70	24.70	26.70	10.40	4.80		
24	3.90	11.30	123.60	329.50	360.40	267.80	81.00	41.70	24.00	26.00	10.00	4.30		
25	4.30	9.10	328.10	306.00	329.50	239.90	79.40	41.00	24.00	26.00	10.00	3.90		
26	3.00	6.10	135.50	336.90	372.10	198.80	84.00	40.30	24.70	26.00	10.80	3.90		
27	4.80	5.20	80.20	263.40	386.80	177.10	78.60	39.60	29.40	26.00	10.80	3.50		
28	6.50	7.80	61.00	316.30	364.80	382.40	73.00	39.00	36.20	25.40	9.50	3.50		
29	10.80	9.50	56.00	239.90	388.30	927.30	70.00	37.60	31.50	24.70		21.20		
30	10.80	22.90	60.20	180.10	295.70	662.90	69.20	36.20	28.80	24.00		22.90		
31		51.20		159.30	267.80		81.00		28.80	24.00		33.50		
Total	198.40	308.10	1705.10	4095.80	11748.60	9837.20	5038.40	1733.10	888.40	765.90	451.40	242.40	37012.80	CMSDAY
Mean	6.60	9.90	56.80	132.10	379.00	327.90	162.50	57.80	28.70	24.70	16.10	7.80	101.40	CMS
Max	15.80	51.20	328.10	336.90	1263.00	927.30	518.00	92.90	36.20	26.70	22.40	33.50	1263.00	CMS
Min	3.00	2.60	18.50	41.70	119.60	157.30	69.20	36.20	24.00	22.40	9.50	3.50	2.60	CMS
Runoff	17.14	26.62	147.32	353.88	1015.08	849.93	435.32	149.74	76.76	66.17	39.00	20.94	3197.91	MCM
Momentary Peak	1339.57	CMS.	at 199.45 m. (MSL.) at 05.00 Hours , on Aug 14 , 2005											
Runoff Yield	22.24	Liters/Second/Square KM.		Momentary Peak Yield		293.765	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Nai Mueang , Uttaradit (N.2B)

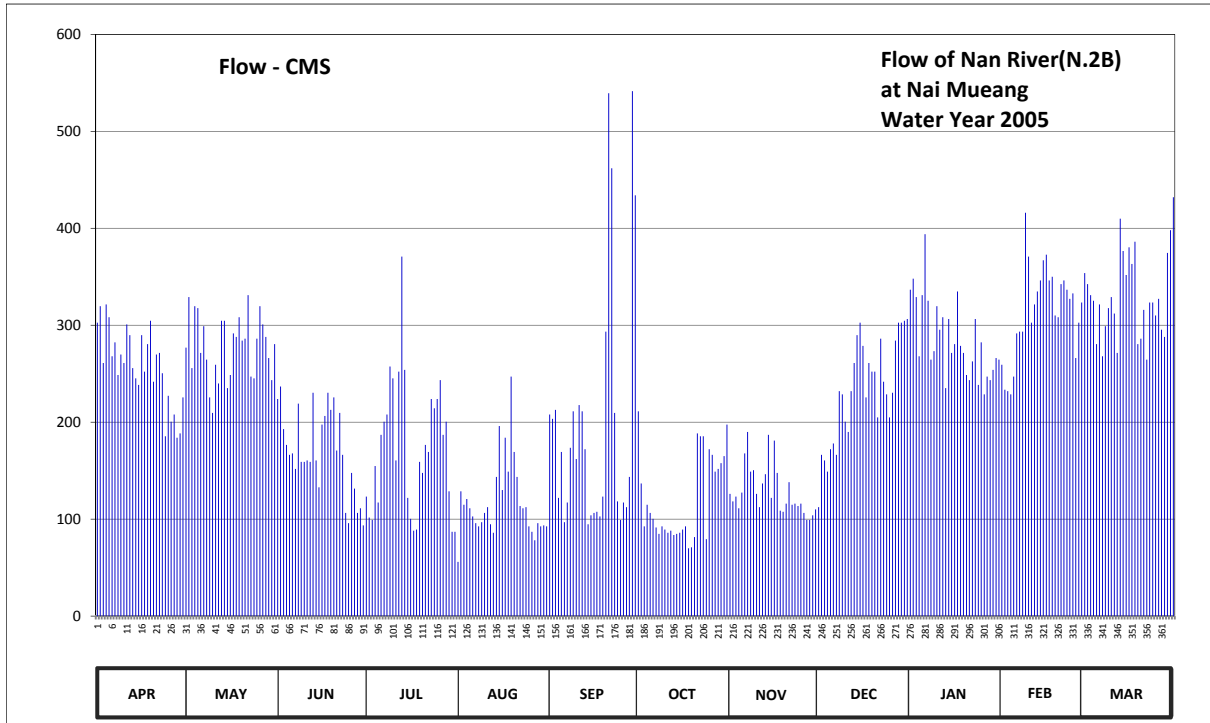
Lat 17 - 36 - 30 N Long 100 - 06 - 08 E

Location : on right bank at Mueang, Uttaradit.

	Ban Nai Mueang	Amphoe Mueang	Changwat Uttaradit
Drainage Area	16,865 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+52.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.	Elevation	+54.300 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1993 to date		
Rating Operation			
Period of Rating	1993 to date		
Rated by Flot	-		
Rated by Current Meter	1993 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 39 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	54.55	54.41	54.10	53.41	52.80	54.00	54.02	53.43	53.32	54.73	54.31	54.82	
2	54.64	54.69	54.18	53.23	53.45	53.97	53.51	53.37	53.72	54.79	54.16	54.76	
3	54.32	54.29	53.90	53.21	53.34	54.03	53.15	53.41	53.68	54.69	54.15	54.70	
4	54.65	54.64	53.79	53.64	53.39	53.40	53.34	53.31	53.60	54.36	54.13	54.67	
5	54.58	54.63	53.72	53.36	53.31	53.74	53.27	53.44	53.76	54.70	54.24	54.43	
6	54.36	54.38	53.73	53.86	53.24	53.19	53.22	53.73	53.80	55.03	54.49	54.65	
7	54.44	54.53	53.62	53.95	53.18	53.36	53.14	53.88	53.72	54.67	54.50	54.36	
8	54.25	54.34	54.07	54.00	53.15	53.77	53.08	53.60	54.15	54.34	54.50	54.53	
9	54.37	54.11	53.67	54.30	53.19	54.02	53.15	53.61	54.13	54.39	55.14	54.63	
10	54.32	54.01	53.67	54.23	53.27	53.69	53.12	53.43	53.95	54.64	54.91	54.69	
11	54.54	54.31	53.68	53.68	53.32	54.06	53.09	53.32	53.88	54.51	54.55	54.60	
12	54.48	54.20	53.67	54.27	53.17	54.02	53.11	53.51	54.15	54.58	54.65	54.38	
13	54.29	54.56	54.14	54.91	53.09	53.76	53.07	53.58	54.32	54.17	54.72	55.11	
14	54.23	54.56	53.68	54.28	53.56	53.17	53.08	53.86	54.48	54.57	54.78	54.94	
15	54.19	54.17	53.48	53.40	53.92	53.25	53.09	53.40	54.55	54.38	54.89	54.81	
16	54.48	54.25	53.93	53.22	53.46	53.27	53.12	53.82	54.42	54.43	54.92	54.96	
17	54.27	54.49	53.99	53.11	53.84	53.28	53.15	53.59	54.11	54.72	54.78	54.87	
18	54.43	54.47	54.14	53.12	53.60	53.24	52.94	53.29	54.32	54.42	54.80	54.99	
19	54.56	54.58	54.03	53.67	54.24	53.41	52.95	53.28	54.27	54.38	54.59	54.43	
20	54.21	54.45	54.11	53.59	53.74	54.50	53.05	53.35	54.27	54.25	54.58	54.46	
21	54.37	54.46	53.75	53.79	53.56	55.74	53.87	53.52	53.98	54.22	54.76	54.62	
22	54.38	54.70	54.01	53.74	53.33	55.37	53.85	53.34	54.46	54.33	54.78	54.34	
23	54.26	54.24	53.72	54.10	53.31	54.01	53.85	53.35	54.21	54.57	54.73	54.66	
24	53.85	54.23	53.27	54.04	53.32	53.37	53.03	53.33	54.13	54.19	54.68	54.66	
25	54.12	54.46	53.18	54.10	53.15	53.21	53.76	53.35	53.98	54.44	54.71	54.59	
26	53.95	54.64	53.59	54.22	53.10	53.36	53.72	53.27	54.14	54.13	54.35	54.68	
27	54.00	54.54	53.47	53.86	53.02	53.32	53.60	53.21	54.45	54.24	54.55	54.51	
28	53.84	54.47	53.27	53.95	53.18	53.56	53.62	53.21	54.55	54.22	54.66	54.47	
29	53.87	54.35	53.31	53.45	53.15	55.75	53.66	53.25	54.55	54.28		54.93	
30	54.11	54.22	53.16	53.10	53.16	55.23	53.71	53.30	54.56	54.35		55.05	
31		54.43		53.10	53.15		53.93		54.57	54.34		55.22	
Mean	54.30	54.41	53.73	53.74	53.34	53.87	53.36	53.44	54.13	54.45	54.61	54.69	
Max	54.65	54.70	54.18	54.91	54.24	55.75	54.02	53.88	54.57	55.03	55.14	55.22	55.75
Min	53.84	54.01	53.16	53.10	52.80	53.17	52.94	53.21	53.32	54.13	54.13	54.34	52.80
Annual Max Momentary Gage Height	56.30		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation		52.30	m. (MSL.) ,				River Bed 48.73	m. (MSL.)					
Left Bank Elevation		59.82	m. (MSL.) ,										
Right Bank Elevation		61.03	m. (MSL.) ,			Drainage Are	16,865	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	302.75	276.85	224.00	123.35	56.00	208.00	211.20	126.05	112.40	336.70	259.25	353.80		
2	319.60	329.10	236.80	101.60	128.75	203.50	136.85	118.40	166.40	348.10	233.60	342.40		
3	261.00	255.75	193.00	99.20	114.80	212.80	92.50	123.35	160.60	329.10	232.00	331.00		
4	321.50	319.60	176.55	154.80	120.80	122.00	114.80	111.20	149.00	268.00	228.80	325.30		
5	308.30	317.70	166.40	117.20	111.20	169.30	106.40	127.40	172.20	331.00	247.00	280.55		
6	268.00	271.50	167.85	187.00	102.80	96.90	100.40	167.85	178.00	394.00	291.65	321.50		
7	282.40	299.05	151.90	200.50	95.80	117.20	91.40	190.00	166.40	325.30	293.50	268.00		
8	248.75	264.50	219.20	208.00	92.50	173.65	84.80	149.00	232.00	264.50	293.50	299.05		
9	269.75	225.60	159.15	257.50	96.90	211.20	92.50	150.45	228.80	273.25	416.00	317.70		
10	261.00	209.60	159.15	245.25	106.40	162.05	89.20	126.05	200.50	319.60	370.90	329.10		
11	300.90	259.25	160.60	160.60	112.40	217.60	85.90	112.40	190.00	295.35	302.75	312.00		
12	289.80	240.00	159.15	252.25	94.70	211.20	88.10	136.85	232.00	308.30	321.50	271.50		
13	255.75	304.60	230.40	370.90	85.90	172.20	83.70	146.30	261.00	235.20	334.80	410.00		
14	245.25	304.60	160.60	254.00	143.60	94.70	84.80	187.00	289.80	306.45	346.20	376.60		
15	238.40	235.20	132.80	122.00	196.00	104.00	85.90	122.00	302.75	271.50	367.10	351.90		
16	289.80	248.75	197.50	100.40	130.10	106.40	89.20	181.00	278.70	280.55	372.80	380.40		
17	252.25	291.65	206.50	88.10	184.00	107.60	92.50	147.65	225.60	334.80	346.20	363.30		
18	280.55	287.95	230.40	89.20	149.00	102.80	70.00	108.80	261.00	278.70	350.00	386.10		
19	304.60	308.30	212.80	159.15	247.00	123.35	71.00	107.60	252.25	271.50	310.15	280.55		
20	241.75	284.25	225.60	147.65	169.30	293.50	81.50	116.00	252.25	248.75	308.30	286.10		
21	269.75	286.10	170.75	176.55	143.60	539.40	188.50	138.20	205.00	243.50	342.40	315.80		
22	271.50	331.00	209.60	169.30	113.60	462.00	185.50	114.80	286.10	262.75	346.20	264.50		
23	250.50	247.00	166.40	224.00	111.20	209.60	185.50	116.00	241.75	306.45	336.70	323.40		
24	185.50	245.25	106.40	214.40	112.40	118.40	79.30	113.60	228.80	238.40	327.20	323.40		
25	227.20	286.10	95.80	224.00	92.50	99.20	172.20	116.00	205.00	282.40	332.90	310.15		
26	200.50	319.60	147.65	243.50	87.00	117.20	166.40	106.40	230.40	228.80	266.25	327.20		
27	208.00	300.90	131.45	187.00	78.20	112.40	149.00	99.20	284.25	247.00	302.75	295.35		
28	184.00	287.95	106.40	200.50	95.80	143.60	151.90	99.20	302.75	243.50	323.40	287.95		
29	188.50	266.25	111.20	128.75	92.50	541.50	157.70	104.00	302.75	254.00		374.70		
30	225.60	243.50	93.60	87.00	93.60	434.00	164.95	110.00	304.60	266.25		398.00		
31		280.55		87.00	92.50		197.50		306.45	264.50		432.00		
Total	7753.15	8628.00	5109.60	5380.65	3650.85	5987.25	3751.10	3872.75	7209.50	8858.20	8803.80	10239.30	79244.16	CMSDAY
Mean	258.44	278.32	170.32	173.57	117.77	199.58	121.00	129.09	232.56	285.75	314.42	330.30	217.11	CMS
Max	321.50	331.00	236.80	370.90	247.00	541.50	211.20	190.00	306.45	394.00	416.00	432.00	541.50	CMS
Min	184.00	209.60	93.60	87.00	56.00	94.70	70.00	99.20	112.40	228.80	228.80	264.50	56.00	CMS
Runoff	669.87	745.46	441.47	464.89	315.43	517.30	324.10	334.61	622.90	765.35	760.65	884.68	6846.70	MCM
Momentary Peak	659.50 CMS. at 56.30 m. (MSL.) at 18.00 Hours , on Sep 29 , 2005													
Runoff Yield	12.87 Liters/Second/Square KM. Momentary Peak Yield 39.105 Liters/Second/Square KM.													

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Mueang , Phitsanulok (N.5A)

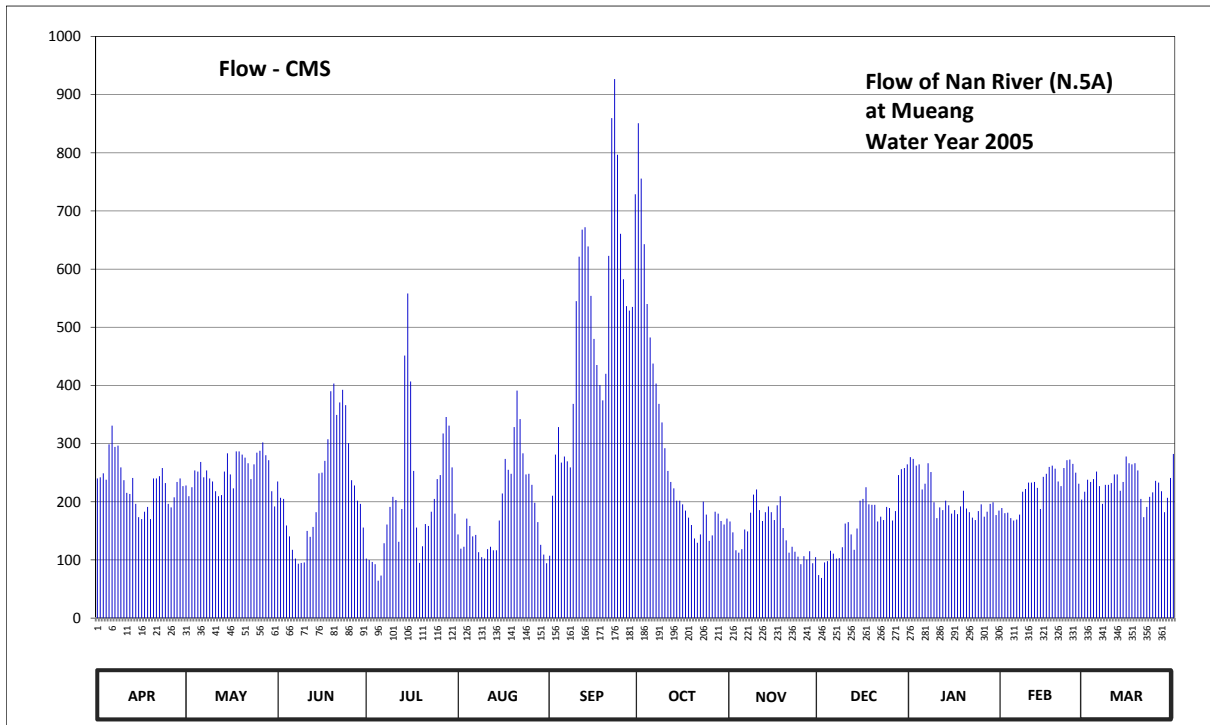
Lat 16 - 49 - 19 N Long 100 - 15 - 49 E

Location : on right bank near the Post Office and about 1 kilometer upstream from gaging station N.5

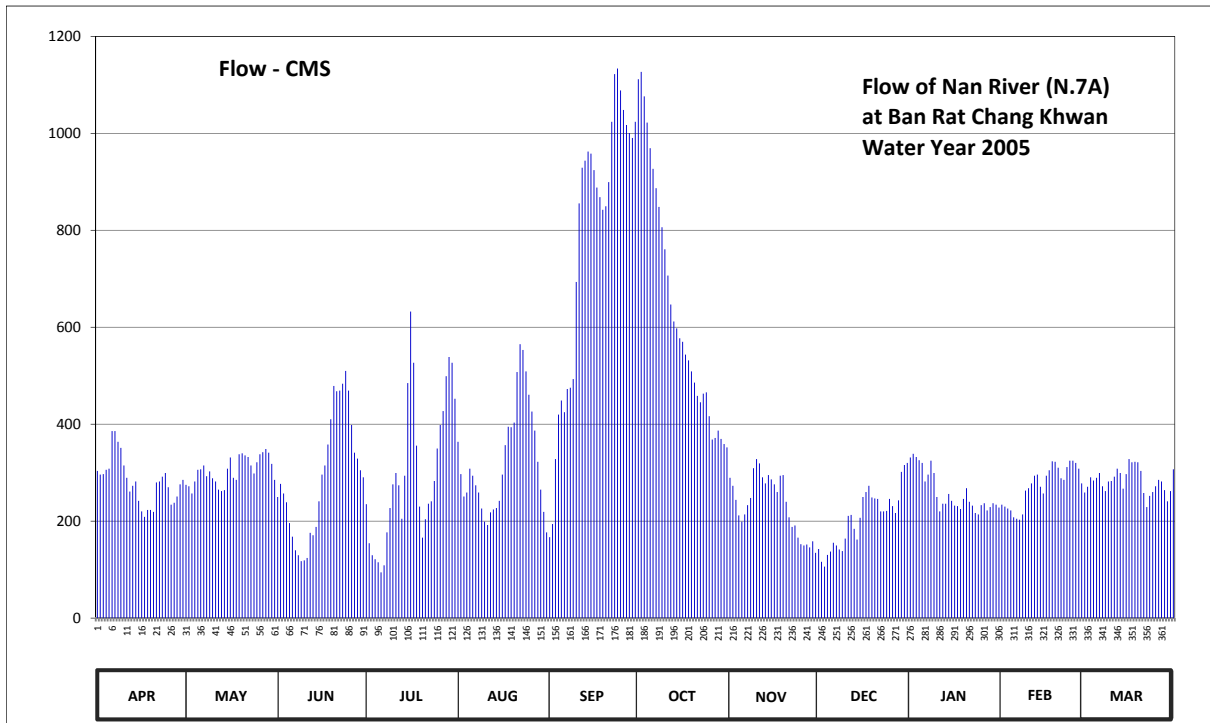
	Ban Nai Mueang	Amphoe Mueang	Changwat Phitsanulok
Drainage Area	25,039 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+34.500 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+45.739 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1963 to date		
Rating Operation			
Period of Rating	1966 to date		
Rated by Flot	-		
Rated by Current Meter	1966 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Naresuan Dam. Stage-discharge relation defined by 27 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	37.40	37.28	37.35	35.85	36.34	35.91	42.09	36.60	35.47	37.76	36.87	37.17	
2	37.42	37.09	37.06	35.82	36.05	37.10	41.53	36.38	35.40	37.73	36.77	37.38	
3	37.49	37.25	37.04	35.78	36.09	37.80	40.74	36.02	35.77	37.62	36.78	37.34	
4	37.38	37.54	36.52	35.73	36.66	38.23	39.96	35.97	35.80	37.64	36.67	37.39	
5	37.96	37.52	36.30	35.33	36.51	37.67	39.50	36.04	36.01	37.21	36.62	37.52	
6	38.25	37.68	36.03	35.46	36.30	37.77	39.14	36.44	35.95	37.31	36.64	37.27	
7	37.92	37.42	35.85	36.16	36.33	37.69	38.86	36.40	35.85	37.66	36.74	36.95	
8	37.94	37.54	35.74	36.54	35.98	37.59	38.57	36.78	35.86	37.51	37.17	37.29	
9	37.59	37.40	35.76	36.89	35.88	38.57	38.30	37.12	36.08	36.98	37.22	37.29	
10	37.37	37.35	35.77	37.08	35.85	40.00	37.90	37.21	36.56	36.67	37.33	37.32	
11	37.15	37.18	36.41	37.02	36.04	40.58	37.53	36.83	36.59	36.88	37.33	37.47	
12	37.13	37.09	36.29	36.19	36.09	40.92	37.34	36.61	36.34	36.83	37.34	37.47	
13	37.41	37.11	36.49	36.85	36.02	40.95	37.23	36.79	36.03	37.01	37.24	37.19	
14	36.95	37.52	36.79	39.25	36.02	40.71	37.01	36.90	36.46	36.92	36.85	37.34	
15	36.69	37.82	37.49	40.10	36.62	40.07	37.01	36.79	37.01	36.76	37.43	37.77	
16	36.65	37.47	37.50	38.89	37.14	39.48	36.94	36.63	37.04	36.83	37.48	37.66	
17	36.80	37.23	37.70	37.53	37.73	39.12	36.82	36.92	37.25	36.75	37.60	37.64	
18	36.89	37.85	38.04	36.48	37.55	38.84	36.68	37.09	36.94	36.90	37.62	37.66	
19	36.65	37.85	38.75	35.76	37.48	38.62	36.53	36.47	36.93	37.19	37.57	37.54	
20	37.40	37.80	38.86	36.10	38.23	39.00	36.26	36.22	36.93	36.86	37.35	37.04	
21	37.40	37.75	38.41	36.55	38.76	40.59	36.17	35.97	36.60	36.79	37.27	36.69	
22	37.44	37.66	38.59	36.51	38.35	42.14	36.34	36.09	36.70	36.68	37.58	36.89	
23	37.58	37.39	38.77	36.80	37.82	42.52	36.99	35.99	36.63	36.63	37.71	37.08	
24	37.32	37.64	38.55	37.04	37.47	41.78	36.74	35.89	36.89	36.81	37.72	37.16	
25	36.95	37.83	37.98	37.39	37.48	40.87	36.21	35.73	36.87	36.94	37.65	37.36	
26	36.88	37.86	37.37	37.46	37.29	40.29	36.32	35.90	36.62	36.70	37.50	37.33	
27	37.07	37.99	37.28	38.13	36.97	39.93	36.80	35.83	36.81	36.80	37.31	37.18	
28	37.34	37.79	37.01	38.38	36.59	39.87	36.76	36.00	37.46	36.95	37.03	36.79	
29	37.40	37.71	36.95	38.25	36.13	39.92	36.61	35.75	37.56	36.98		37.06	
30	37.27	37.18	36.48	37.59	35.93	41.35	36.54	35.88	37.58	36.73		37.41	
31		36.90		36.76	35.75		36.66		37.64	36.82		37.81	
Mean	37.30	37.51	37.17	36.96	36.76	39.53	37.68	36.37	36.57	37.03	37.23	37.31	
Max	38.25	37.99	38.86	40.10	38.76	42.52	42.09	37.21	37.64	37.76	37.72	37.81	42.52
Min	36.65	36.90	35.74	35.33	35.75	35.91	36.17	35.73	35.40	36.63	36.62	36.69	35.33
Annual Max Momentary Gage Height	42.65		m. (MSL.) ,				at 06.00 Hours ,						on Sep 23 , 2005
Zero Gage at Bottom Elevation	34.50		m. (MSL.) ,				River Bed	33.45		m. (MSL.)			
Left Bank Elevation		44.26		m. (MSL.) ,									
Right Bank Elevation		44.53		m. (MSL.) ,		Drainage Are	25,039		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	240.00	228.00	235.00	102.25	143.90	107.35	850.75	166.00	73.90	276.80	189.30	217.15		
2	242.00	209.55	206.70	99.70	119.25	210.50	755.50	147.30	69.00	273.65	180.45	238.00		
3	249.00	225.00	204.80	96.50	122.65	281.00	642.90	116.70	95.75	262.10	181.30	234.00		
4	238.00	254.00	159.20	92.75	171.10	328.45	540.00	112.45	98.00	264.20	171.95	239.00		
5	298.60	252.00	140.50	64.45	158.35	267.35	482.50	118.40	115.85	221.00	167.70	252.00		
6	330.75	268.40	117.55	73.20	140.50	277.85	437.50	152.40	110.75	231.00	169.40	227.00		
7	294.20	242.00	102.25	128.60	143.05	269.45	403.20	149.00	102.25	266.30	177.90	196.50		
8	296.40	254.00	93.50	160.90	113.30	259.00	368.40	181.30	103.10	251.00	217.15	229.00		
9	259.00	240.00	95.00	191.10	104.80	368.40	336.50	212.40	121.80	199.20	222.00	229.00		
10	237.00	235.00	95.75	208.60	102.25	545.00	292.00	221.00	162.60	171.95	233.00	232.00		
11	215.25	218.10	149.85	202.90	118.40	621.30	253.00	185.70	165.15	190.20	233.00	247.00		
12	213.35	209.55	139.65	131.15	122.65	667.80	234.00	166.85	143.90	185.70	234.00	247.00		
13	241.00	211.45	156.65	187.50	116.70	672.00	223.00	182.15	117.55	201.95	224.00	219.05		
14	196.50	252.00	182.15	451.25	116.70	638.85	201.95	192.00	154.10	193.80	187.50	234.00		
15	173.65	283.20	249.00	558.00	167.70	554.10	201.95	182.15	201.95	179.60	243.00	277.85		
16	170.25	247.00	250.00	406.80	214.30	480.00	195.60	168.55	204.80	185.70	248.00	266.30		
17	183.00	223.00	270.50	253.00	273.65	435.00	184.80	193.80	225.00	178.75	260.00	264.20		
18	191.10	286.50	307.40	155.80	255.00	400.80	172.80	209.55	195.60	192.00	262.10	266.30		
19	170.25	286.50	390.00	95.00	248.00	374.40	160.05	154.95	194.70	219.05	257.00	254.00		
20	240.00	281.00	403.20	123.50	328.45	420.00	137.10	133.70	194.70	188.40	235.00	204.80		
21	240.00	275.75	349.20	161.75	391.20	622.65	129.45	112.45	166.00	182.15	227.00	173.65		
22	244.00	266.30	370.80	158.35	342.25	859.50	143.90	122.65	174.50	172.80	258.00	191.10		
23	258.00	239.00	392.40	183.00	283.20	926.60	200.10	114.15	168.55	168.55	271.55	208.60		
24	232.00	264.20	366.00	204.80	247.00	796.60	177.90	105.65	191.10	183.90	272.60	216.20		
25	196.50	284.30	300.80	239.00	248.00	660.80	132.85	92.75	189.30	195.60	265.25	236.00		
26	190.20	287.60	237.00	246.00	229.00	582.70	142.20	106.50	167.70	174.50	250.00	233.00		
27	207.65	301.90	228.00	317.30	198.30	536.25	183.00	100.55	183.90	183.00	231.00	218.10		
28	234.00	279.95	201.95	345.70	165.15	528.75	179.60	115.00	246.00	196.50	203.85	182.15		
29	240.00	271.55	196.50	330.75	126.05	535.00	166.85	94.25	256.00	199.20		206.70		
30	227.00	218.10	155.80	259.00	109.05	728.75	160.90	104.80	258.00	177.05		241.00		
31		192.00		179.60	94.25		171.10		264.20	184.80		282.10		
Total	6948.65	7786.90	6747.10	6408.20	5714.15	14956.20	8861.35	4415.10	5115.70	6350.40	6273.00	7162.75	86739.50	CMSDAY
Mean	231.62	251.19	224.90	206.72	184.33	498.54	285.85	147.17	165.02	204.85	224.04	231.06	237.64	CMS
Max	330.75	301.90	403.20	558.00	391.20	926.60	850.75	221.00	264.20	276.80	272.60	282.10	926.60	CMS
Min	170.25	192.00	93.50	64.45	94.25	107.35	129.45	92.75	69.00	168.55	167.70	173.65	64.45	CMS
Runoff	600.36	672.79	582.95	553.67	493.70	1292.22	765.62	381.47	442.00	548.67	541.99	618.86	7494.29	MCM
Momentary Peak		950.25	CMS. at 42.65 m. (MSL.) at 06.00 Hours , on Sep 23 , 2005											
Runoff Yield		9.49	Liters/Second/Square KM.			Momentary Peak Yield		37.951	Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	303.80	275.00	250.00	235.00	363.80	167.00	1111.60	289.50	142.50	331.30	234.00	259.00		
2	296.10	272.00	277.00	154.50	297.20	194.00	1126.90	273.00	116.00	339.00	230.00	271.00		
3	297.20	257.00	257.00	129.70	251.00	328.00	1076.30	244.00	106.40	332.40	226.00	290.60		
4	306.00	282.00	239.00	121.60	259.00	420.00	1022.20	212.00	130.50	325.80	222.00	284.00		
5	308.20	306.00	196.00	115.20	308.20	448.80	969.40	199.00	137.30	320.30	208.00	289.50		
6	385.70	307.10	168.00	94.40	293.90	424.80	926.70	214.00	155.50	282.00	205.00	299.40		
7	385.70	314.80	139.90	108.80	274.00	472.80	887.00	233.00	149.80	296.10	203.00	272.00		
8	363.80	292.80	129.70	177.00	259.00	475.20	848.40	248.00	141.60	324.70	214.00	262.00		
9	351.20	302.70	117.60	227.00	226.00	493.20	806.40	309.30	138.20	299.40	263.00	282.00		
10	314.80	288.40	119.20	276.00	199.00	693.60	760.80	328.00	164.00	250.00	268.00	283.00		
11	289.50	282.00	124.00	299.40	192.00	855.70	706.80	319.20	211.00	220.00	278.00	291.70		
12	261.00	265.00	176.00	274.00	218.00	929.30	646.80	290.60	213.00	236.00	293.90	308.20		
13	273.00	262.00	171.00	205.00	224.00	943.60	612.00	278.00	184.00	236.00	296.10	299.40		
14	282.00	264.00	188.00	293.90	227.00	962.40	597.60	295.00	162.10	256.00	271.00	267.00		
15	242.00	308.20	241.00	484.80	242.00	958.20	577.20	286.20	207.00	242.00	257.00	297.20		
16	220.00	331.30	296.10	632.40	296.10	924.10	570.00	276.00	250.00	232.00	293.90	328.00		
17	209.00	289.50	314.80	526.80	356.90	888.20	543.60	260.00	260.00	231.00	304.90	321.40		
18	223.00	285.10	358.10	355.80	394.80	868.30	531.60	293.90	273.00	225.00	323.60	322.50		
19	223.00	337.90	410.40	230.00	393.70	842.40	508.80	295.00	249.00	246.00	322.50	321.40		
20	219.00	340.10	478.80	166.00	403.20	849.60	486.00	240.00	247.00	268.00	310.40	303.80		
21	280.00	335.70	468.00	204.00	507.60	899.50	458.40	208.00	246.00	240.00	288.40	258.00		
22	282.00	332.40	469.20	236.00	565.20	1023.80	445.20	188.00	220.00	232.00	285.10	229.00		
23	291.70	314.80	483.60	241.00	553.20	1122.30	463.20	191.00	220.00	217.00	311.50	252.00		
24	299.40	298.30	510.00	283.00	508.80	1133.80	465.60	166.00	221.00	214.00	324.70	260.00		
25	270.00	321.40	469.20	350.00	460.80	1088.50	416.40	152.60	246.00	233.00	324.70	272.00		
26	234.00	337.90	398.40	398.40	426.00	1048.20	368.40	149.80	231.00	237.00	320.30	285.10		
27	238.00	342.30	341.20	427.20	386.80	1017.40	371.80	151.70	217.00	222.00	308.20	282.00		
28	251.00	348.90	329.10	499.20	322.50	1000.90	386.80	146.00	243.00	229.00	278.00	264.00		
29	276.00	341.20	304.90	538.80	265.00	990.70	369.50	158.30	301.60	237.00		241.00		
30	285.10	318.10	290.60	526.80	219.00	1023.80	359.20	134.80	315.90	234.00		262.00		
31	285.10		452.40	177.00		352.30		320.30	228.00			307.10		
Total	8461.20	9439.00	8715.80	9264.10	10070.70	23488.10	19772.90	7029.90	6419.70	8016.00	7665.20	8765.30	127107.90	CMSDAY
Mean	282.00	304.50	290.50	298.80	324.90	782.90	637.80	234.30	207.10	258.60	273.80	282.80	348.20	CMS
Max	385.70	348.90	510.00	632.40	565.20	1133.80	1126.90	328.00	320.30	339.00	324.70	328.00	1133.80	CMS
Min	209.00	257.00	117.60	94.40	177.00	167.00	352.30	134.80	106.40	214.00	203.00	229.00	94.40	CMS
Runoff	731.05	815.53	753.05	800.42	870.11	2029.37	1708.38	607.38	554.66	692.58	662.27	757.32	10982.12	MCM
Momentary Peak	1138.40	CMS.	at 35.88 m. (MSL.)	at 06.00 Hours	on Sep 24, 2005									
Runoff Yield	12.48	Liters/Second/Square KM.			Momentary Peak Yield	40.807	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Taphan Hin , Phichit (N.10A)

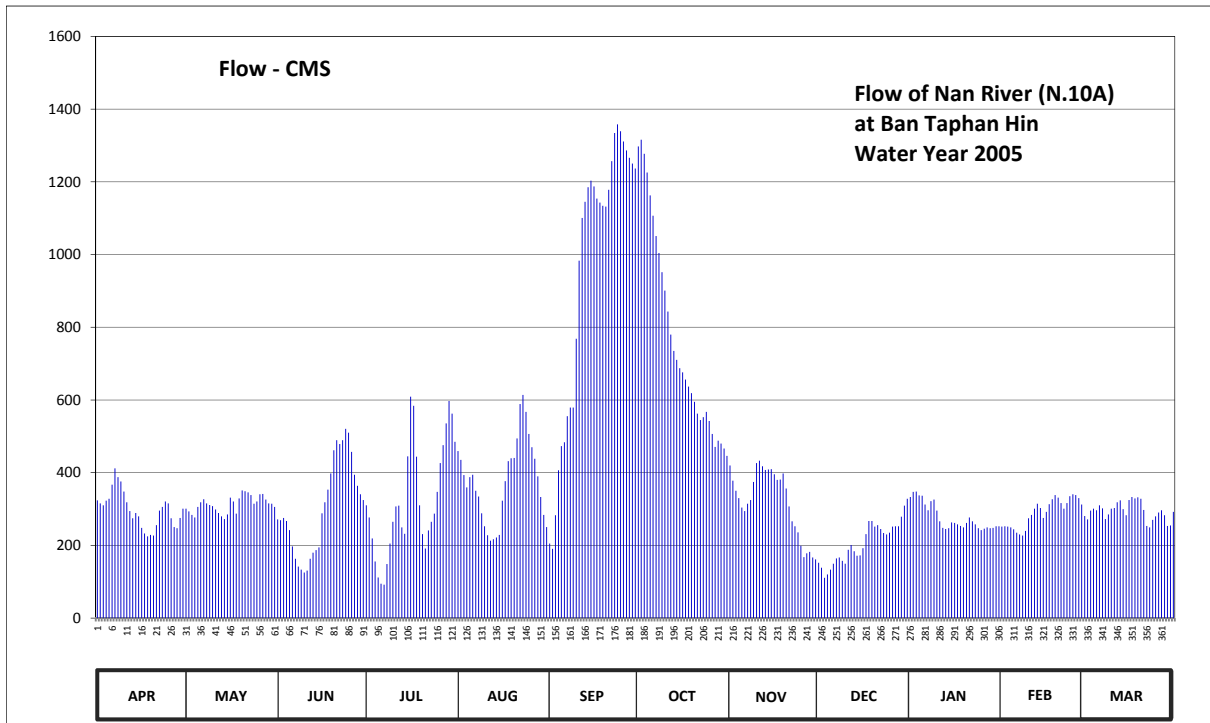
Lat 16 - 13 - 00 N Long 100 - 25 - 19 E

Location : on left bank near Amphoe Taphan Hin Office about 250 meters from Station N.10

	Ban Taphan Hin	Amphoe Taphan Hin	Changwat Phichit
Drainage Area	30,328 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+22.280 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near automatic gage building.	Elevation	+38.423 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1969 to date		
Rating Operation			
Period of Rating	1974 - 1979, 1991 to date		
Rated by Flot	-		
Rated by Current Meter	1974 - 1982, 1987, 1991 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Naresuan Dam. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	25.38	25.16	24.88	25.25	26.63	24.23	31.94	26.27	23.67	25.47	24.69	24.97	
2	25.30	25.09	24.86	24.93	26.41	24.08	32.02	25.89	23.52	25.60	24.70	24.88	
3	25.25	25.00	24.92	24.37	26.03	24.99	31.85	25.63	23.21	25.61	24.69	25.11	
4	25.37	24.93	24.84	23.71	25.72	26.15	31.62	25.44	23.31	25.51	24.67	25.16	
5	25.42	25.21	24.60	23.22	25.98	26.75	31.34	25.19	23.46	25.50	24.62	25.12	
6	25.79	25.33	24.15	23.03	26.04	26.84	31.08	25.10	23.64	25.27	24.53	25.25	
7	26.20	25.41	23.79	23.00	25.63	27.46	30.81	25.29	23.80	25.12	24.48	25.17	
8	25.98	25.30	23.55	23.63	25.48	27.66	30.58	25.39	23.83	25.36	24.45	24.89	
9	25.87	25.26	23.46	24.23	25.04	27.66	30.30	25.86	23.73	25.40	24.58	25.01	
10	25.61	25.23	23.37	24.82	24.70	29.14	30.01	26.33	23.64	25.11	24.91	25.16	
11	25.33	25.14	23.43	25.22	24.46	30.47	29.64	26.39	24.05	24.83	25.00	25.18	
12	25.10	25.05	23.79	25.24	24.31	31.05	29.22	26.25	24.19	24.66	25.16	25.33	
13	24.91	24.96	23.97	24.67	24.35	31.26	28.90	26.16	24.01	24.63	25.29	25.38	
14	25.05	24.89	24.04	24.50	24.40	31.44	28.72	26.17	23.88	24.65	25.18	25.15	
15	24.96	25.01	24.12	26.50	24.47	31.52	28.55	26.18	23.89	24.80	24.92	24.99	
16	24.66	25.45	25.04	27.91	25.37	31.45	28.46	26.05	24.10	24.79	25.08	25.39	
17	24.51	25.35	25.33	27.70	25.88	31.30	28.30	25.91	24.49	24.75	25.28	25.47	
18	24.43	25.03	25.66	26.49	26.38	31.25	28.14	25.92	24.84	24.71	25.41	25.43	
19	24.47	25.43	26.07	25.25	26.45	31.21	27.99	26.07	24.84	24.67	25.52	25.46	
20	24.45	25.64	26.65	24.49	26.46	31.20	27.79	25.69	24.69	24.79	25.45	25.42	
21	24.73	25.62	26.89	24.09	26.93	31.41	27.52	25.22	24.73	24.93	25.31	25.13	
22	25.11	25.59	26.80	24.59	27.74	31.76	27.37	24.83	24.63	24.83	25.16	24.71	
23	25.21	25.52	26.89	24.82	27.95	32.10	27.44	24.70	24.52	24.75	25.31	24.67	
24	25.35	25.29	27.16	25.03	27.56	32.20	27.56	24.54	24.48	24.65	25.49	24.87	
25	25.30	25.35	27.07	25.60	27.04	32.12	27.35	24.17	24.53	24.60	25.54	24.96	
26	24.91	25.54	26.61	26.33	26.72	32.00	27.04	23.84	24.69	24.64	25.52	25.06	
27	24.68	25.55	26.04	26.77	26.44	31.89	26.73	23.95	24.70	24.67	25.44	25.12	
28	24.65	25.40	25.76	27.29	26.00	31.80	26.88	23.99	24.70	24.65	25.27	24.99	
29	24.92	25.30	25.54	27.81	25.47	31.73	26.81	23.83	24.95	24.66		24.71	
30	25.16	25.29	25.39	27.52	25.00	31.67	26.69	23.77	25.24	24.70		24.72	
31		25.21		26.85	24.68		26.51		25.42	24.70		25.08	
Mean	25.14	25.28	25.16	25.32	25.86	29.86	28.88	25.33	24.24	24.94	25.06	25.09	
Max	26.20	25.64	27.16	27.91	27.95	32.20	32.02	26.39	25.42	25.61	25.54	25.47	32.20
Min	24.43	24.89	23.37	23.00	24.31	24.08	26.51	23.77	23.21	24.60	24.45	24.67	23.00
Annual Max Momentary Gage Height	32.21		m. (MSL.) ,			at 07.00 Hours ,	on Sep 24 , 2005						
Zero Gage at Bottom Elevation	22.28		m. (MSL.) ,			River Bed	14.96	m. (MSL.)					
Left Bank Elevation		33.95		m. (MSL.) ,									
Right Bank Elevation		33.85		m. (MSL.) ,		Drainage Are	30,328	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	323.90	300.80	271.40	310.30	459.40	205.00	1297.50	419.70	152.30	333.30	251.50	280.80		
2	315.50	293.50	269.30	276.70	435.10	190.60	1315.70	377.90	138.80	347.00	252.50	271.40		
3	310.30	284.00	275.60	219.00	393.30	282.90	1277.30	350.10	110.90	348.10	251.50	295.60		
4	322.90	276.70	267.20	155.90	359.60	406.50	1225.50	330.20	119.90	337.60	249.30	300.80		
5	328.10	306.00	242.00	111.80	387.80	473.20	1162.80	304.00	133.40	336.50	244.10	296.60		
6	367.00	318.70	197.20	94.70	394.40	483.60	1106.80	294.50	149.60	312.40	235.00	310.30		
7	412.00	327.10	163.10	92.00	350.10	555.20	1051.00	314.50	164.00	296.60	230.00	301.90		
8	387.80	315.50	141.50	148.70	334.40	579.20	1004.20	324.90	166.90	321.80	227.00	272.40		
9	375.70	311.30	133.40	205.00	288.20	579.20	951.50	374.60	157.70	326.00	240.00	285.10		
10	348.10	308.10	125.30	265.10	252.50	768.60	900.70	426.30	149.60	295.60	274.50	300.80		
11	318.70	298.70	130.70	307.10	228.00	983.30	843.20	432.90	187.70	266.10	284.00	302.90		
12	294.50	289.20	163.10	309.20	213.00	1100.50	779.90	417.50	201.00	248.30	300.80	318.70		
13	274.50	279.80	180.10	249.30	217.00	1145.20	735.00	407.60	184.00	245.10	314.50	323.90		
14	289.20	272.40	186.80	232.00	222.00	1185.00	710.20	408.70	171.60	247.20	302.90	299.70		
15	279.80	285.10	194.40	445.00	229.00	1203.00	687.50	409.80	172.50	263.00	275.60	282.90		
16	248.30	331.30	288.20	609.20	322.90	1187.30	675.80	395.50	192.50	262.00	292.40	324.90		
17	233.00	320.80	318.70	584.00	376.80	1154.00	656.00	380.10	231.00	257.70	313.40	333.30		
18	225.00	287.20	353.30	443.90	431.80	1143.00	636.80	381.20	267.20	253.50	327.10	329.20		
19	229.00	329.20	397.70	310.30	439.50	1134.20	618.80	397.70	267.20	249.30	338.60	332.30		
20	227.00	351.20	461.70	231.00	440.60	1132.00	594.80	356.50	251.50	262.00	331.30	328.10		
21	255.60	349.10	489.30	191.50	494.00	1178.30	562.40	307.10	255.60	276.70	316.50	297.60		
22	295.60	346.00	479.00	241.00	588.80	1257.00	544.60	266.10	245.10	266.10	300.80	253.50		
23	306.00	338.60	489.30	265.10	614.00	1334.50	552.80	252.50	234.00	257.70	316.50	249.30		
24	320.80	314.50	520.40	287.20	567.20	1358.00	567.20	236.00	230.00	247.20	335.50	270.40		
25	315.50	320.80	510.00	347.00	506.60	1339.20	542.30	199.10	235.00	242.00	340.70	279.80		
26	274.50	340.70	457.20	426.30	469.80	1311.00	506.60	167.80	251.50	246.20	338.60	290.30		
27	250.40	341.70	394.40	475.60	438.40	1286.20	470.90	178.30	252.50	249.30	330.20	296.60		
28	247.20	326.00	363.80	535.40	390.00	1266.00	488.20	182.00	252.50	247.20	312.40	282.90		
29	275.60	315.50	340.70	597.20	333.30	1250.30	480.10	166.90	278.80	248.30		253.50		
30	300.80	314.50	324.90	562.40	284.00	1236.80	466.40	161.30	309.20	252.50		254.60		
31		306.00		484.80	250.40		446.10		328.10	252.50		292.40		
Total	8952.30	9700.00	9129.70	10013.70	11711.90	28708.80	23858.60	9621.30	6441.60	8594.80	8127.20	9112.50	143972.40	CMSDAY
Mean	298.40	312.90	304.30	323.00	377.80	957.00	769.60	320.70	207.80	277.30	290.30	294.00	394.40	CMS
Max	412.00	351.20	520.40	609.20	614.00	1358.00	1315.70	432.90	328.10	348.10	340.70	333.30	1358.00	CMS
Min	225.00	272.40	125.30	92.00	213.00	190.60	446.10	161.30	110.90	242.00	227.00	249.30	92.00	CMS
Runoff	773.48	838.08	788.81	865.18	1011.91	2480.44	2061.38	831.28	556.55	742.59	702.19	787.32	12439.22	MCM
Momentary Peak	1360.50	CMS.	at 32.21 m. (MSL.)											at 07.00 Hours , on Sep 24 , 2005
Runoff Yield	13.01	Liters/Second/Square KM.												Momentary Peak Yield 44,860 Liters/Second/Square KM.

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Hat Phai , Uttaradit (N.12A)

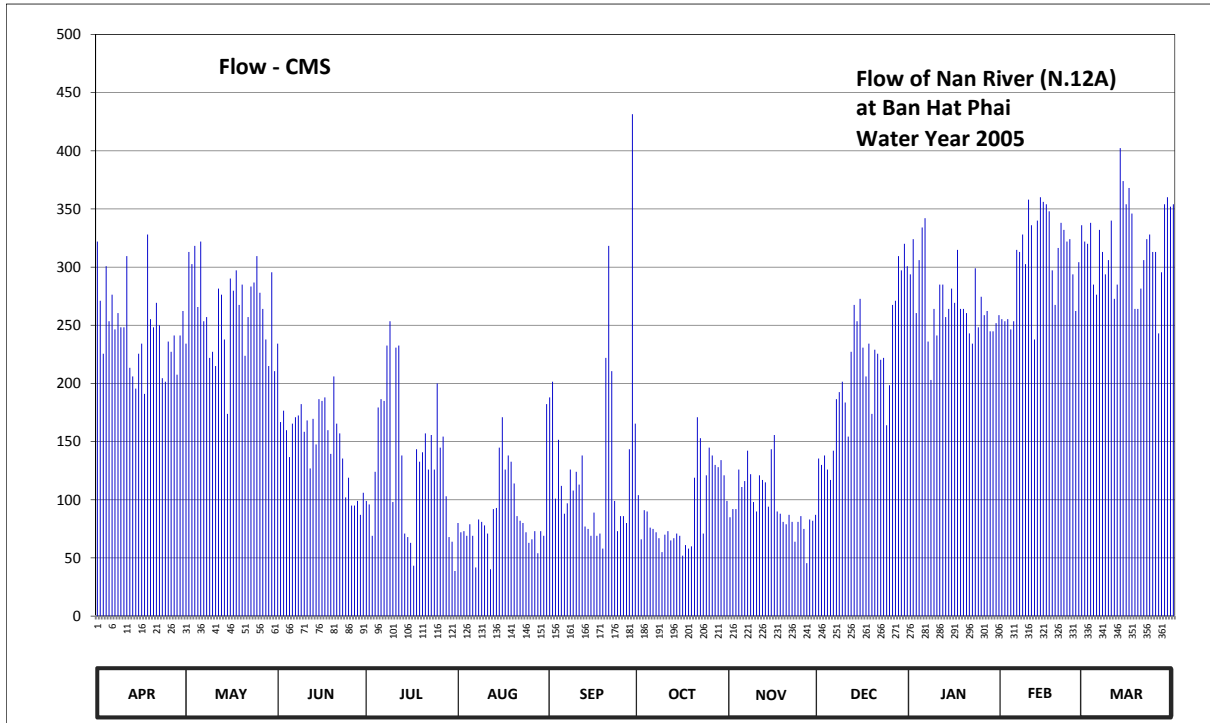
Lat 17 - 44 - 11 N Long 100 - 32 - 27 E

Location : on right bank about 4 kilometers downstream, Sirikit Dam Site, along Phasom - Silot road.

	Ban Hat Phai	Amphoe Tha Pla	Changwat	Uttaradit
Drainage Area	15,579 sq.km.			
Type of Gage	Water - stage recorder			
Zero Gage at Bottom	+69.000 m. (MSL.)			
Bench Mark	B.M.-H.D.			
Location BM	On right bank in front of gage observer's house.			Elevation +81.000 m. (MSL.)
Gage Reading Frequency	Recording			
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings			
Period of Available Gage Records	1966 to date			
Rating Operation				
Period of Rating	1966 to date			
Rated by Flot	-			
Rated by Current Meter	1966 to date			
Stability of Channel Regimes	Fairly stable.			
Overbank Flow Conditions	No overbank flow.			
General Description	Records good. Flow regulated by Sirikit Dam reservoir about 6 kilometers above gage site. Stage-discharge relation defined by 96 discharge measurements made in 2005.			

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	72.41	71.91	71.91	70.89	70.70	71.62	70.94	70.75	71.24	72.25	72.03	72.41	
2	72.12	72.36	71.47	70.86	70.62	71.71	70.56	70.82	71.20	72.42	72.02	72.40	
3	71.86	72.30	71.54	70.59	70.63	70.91	70.81	70.82	71.26	72.06	72.03	72.49	
4	72.29	72.39	71.42	71.14	70.59	71.36	70.80	71.16	71.16	72.32	71.98	72.20	
5	72.02	72.09	71.25	71.56	70.69	71.02	70.66	71.01	71.07	72.47	72.02	72.15	
6	72.15	72.41	71.46	71.61	70.59	70.78	70.65	71.06	71.29	72.51	72.37	72.46	
7	71.98	72.02	71.50	71.60	70.29	70.87	70.62	71.29	71.61	71.92	72.36	72.36	
8	72.06	72.04	71.51	71.90	70.73	71.16	70.57	71.12	71.65	71.72	72.44	72.25	
9	71.99	71.84	71.58	72.02	70.71	70.98	70.45	70.88	71.71	72.08	72.30	72.32	
10	71.99	71.87	71.41	70.88	70.68	71.14	70.60	70.80	71.59	71.95	72.59	72.50	
11	72.34	71.80	71.48	71.89	70.61	71.03	70.63	71.11	71.38	72.20	72.48	72.13	
12	71.79	72.18	71.17	71.90	70.27	71.26	70.55	71.07	71.87	72.20	71.93	72.20	
13	71.74	72.15	71.49	71.26	70.82	70.67	70.57	71.05	72.10	72.04	72.50	72.81	
14	71.67	71.93	71.33	70.61	70.83	70.65	70.61	70.84	72.02	72.08	72.60	72.67	
15	71.86	71.52	71.61	70.58	71.31	70.59	70.59	71.30	72.13	72.18	72.58	72.57	
16	71.91	72.23	71.60	70.53	71.50	70.79	70.42	71.39	71.89	72.11	72.57	72.64	
17	71.64	72.17	71.62	70.31	71.16	70.59	70.51	70.80	71.74	72.37	72.54	72.53	
18	72.44	72.27	71.42	71.30	71.26	70.61	70.48	70.78	71.91	72.08	72.27	72.08	
19	72.03	72.10	71.27	71.22	71.22	70.48	70.50	70.71	71.52	72.08	72.10	72.08	
20	71.99	72.20	71.74	71.28	71.04	71.84	71.09	70.69	71.88	72.06	72.38	72.18	
21	72.11	71.85	71.46	71.40	70.76	72.39	71.50	70.77	71.86	71.96	72.49	72.32	
22	72.00	72.04	71.40	71.16	70.72	71.77	71.37	70.71	71.83	71.91	72.46	72.42	
23	71.73	72.19	71.24	71.39	70.70	70.89	70.61	70.54	71.84	72.28	72.41	72.44	
24	71.71	72.21	70.92	71.16	70.62	70.63	71.11	70.71	71.45	71.99	72.42	72.36	
25	71.92	72.34	71.09	71.70	70.53	70.76	71.31	70.76	71.69	72.14	72.25	72.36	
26	71.87	72.16	70.85	71.31	70.56	70.76	71.26	70.65	72.10	72.05	72.07	71.96	
27	71.95	72.08	70.85	71.38	70.63	70.70	71.20	70.34	72.12	72.07	72.31	72.26	
28	71.75	71.93	70.89	70.93	70.44	71.30	71.18	70.73	72.34	71.97	72.48	72.57	
29	71.95	71.80	70.77	70.58	70.63	72.94	71.23	70.72	72.27	71.97		72.60	
30	72.07	72.26	70.96	70.54	70.59	71.46	71.11	70.77	72.40	72.01		72.56	
31		71.77		70.25	71.58		70.89		72.29	72.05		72.57	
Mean	71.98	72.08	71.34	71.15	70.77	71.12	70.82	70.87	71.76	72.11	72.32	72.38	
Max	72.44	72.41	71.91	72.02	71.58	72.94	71.50	71.39	72.40	72.51	72.60	72.81	72.94
Min	71.64	71.52	70.77	70.25	70.27	70.48	70.42	70.34	71.07	71.72	71.93	71.96	70.25
Annual Max Momentary Gage Height	74.32		m. (MSL.) ,			at 21.00 Hours ,							on Feb 8 , 2006
Zero Gage at Bottom Elevation	69.00		m. (MSL.) ,			River Bed	67.85	m. (MSL.)					
Left Bank Elevation		82.62		m. (MSL.) ,									
Right Bank Elevation		83.47		m. (MSL.) ,		Drainage Are	15,579	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	322.00	234.25	234.25	99.00	80.00	188.00	104.00	85.00	135.40	293.75	255.25	322.00		
2	271.00	313.00	166.80	96.00	72.00	201.50	66.00	92.00	130.00	324.00	253.50	320.00		
3	225.50	302.50	176.60	69.00	73.00	101.00	91.00	92.00	138.10	260.50	255.25	338.00		
4	300.75	318.25	159.80	124.00	69.00	151.60	90.00	126.00	126.00	306.00	246.50	285.00		
5	253.50	265.75	136.75	179.40	79.00	112.00	76.00	111.00	117.00	334.00	253.50	276.25		
6	276.25	322.00	165.40	186.50	69.00	88.00	75.00	116.00	142.15	342.00	314.75	332.00		
7	246.50	253.50	171.00	185.00	41.75	97.00	72.00	142.15	186.50	236.00	313.00	313.00		
8	260.50	257.00	172.40	232.50	83.00	126.00	67.00	122.00	192.50	203.00	328.00	293.75		
9	248.25	222.00	182.20	253.50	81.00	108.00	55.00	98.00	201.50	264.00	302.50	306.00		
10	248.25	227.25	158.40	98.00	78.00	124.00	70.00	90.00	183.60	241.25	358.00	340.00		
11	309.50	215.00	168.20	230.75	71.00	113.00	73.00	121.00	154.30	285.00	336.00	272.75		
12	213.50	281.50	127.00	232.50	40.25	138.10	65.00	117.00	227.25	285.00	237.75	285.00		
13	206.00	276.25	169.60	138.10	92.00	77.00	67.00	115.00	267.50	257.00	340.00	402.25		
14	195.50	237.75	147.55	71.00	93.00	75.00	71.00	94.00	253.50	264.00	360.00	374.00		
15	225.50	173.80	186.50	68.00	144.85	69.00	69.00	143.50	272.75	281.50	356.00	354.00		
16	234.25	290.25	185.00	63.00	171.00	89.00	52.00	155.65	230.75	269.25	354.00	368.00		
17	191.00	279.75	188.00	43.25	126.00	69.00	61.00	90.00	206.00	314.75	348.00	346.00		
18	328.00	297.25	159.80	143.50	138.10	71.00	58.00	88.00	234.25	264.00	297.25	264.00		
19	255.25	267.50	139.45	132.70	132.70	58.00	60.00	81.00	173.80	264.00	267.50	264.00		
20	248.25	285.00	206.00	140.80	114.00	222.00	119.00	79.00	229.00	260.50	316.50	281.50		
21	269.25	223.75	165.40	157.00	86.00	318.25	171.00	87.00	225.50	243.00	338.00	306.00		
22	250.00	257.00	157.00	126.00	82.00	210.50	152.95	81.00	220.25	234.25	332.00	324.00		
23	204.50	283.25	135.40	155.65	80.00	99.00	71.00	64.00	222.00	299.00	322.00	328.00		
24	201.50	286.75	102.00	126.00	72.00	73.00	121.00	81.00	164.00	248.25	324.00	313.00		
25	236.00	309.50	119.00	200.00	63.00	86.00	144.85	86.00	198.50	274.50	293.75	313.00		
26	227.25	278.00	95.00	144.85	66.00	86.00	138.10	75.00	267.50	258.75	262.25	243.00		
27	241.25	264.00	95.00	154.30	73.00	80.00	130.00	45.50	271.00	262.25	304.25	295.50		
28	207.50	237.75	99.00	103.00	54.00	143.50	128.00	83.00	309.50	244.75	336.00	354.00		
29	241.25	215.00	87.00	68.00	73.00	431.50	134.05	82.00	297.25	244.75		360.00		
30	262.25	295.50	106.00	64.00	69.00	165.40	121.00	87.00	320.00	251.75		352.00		
31		210.50		38.75	182.20		99.00		300.75	258.75		354.00		
Total	7400.00	8180.55	4561.50	4124.05	2748.85	3971.35	2871.95	2929.80	6598.10	8369.50	8605.50	9880.00	70241.16	CMSDAY
Mean	246.67	263.89	152.05	133.03	88.67	132.38	92.64	97.66	212.84	269.98	307.34	318.71	192.44	CMS
Max	328.00	322.00	234.25	253.50	182.20	431.50	171.00	155.65	320.00	342.00	360.00	402.25	431.50	CMS
Min	191.00	173.80	87.00	38.75	40.25	58.00	52.00	45.50	117.00	203.00	237.75	243.00	38.75	CMS
Runoff	639.36	706.80	394.11	356.32	237.50	343.13	248.14	253.14	570.08	723.13	743.52	853.63	6068.84	MCM
Momentary Peak	806.00 CMS. at 74.32 m. (MSL.) at 21.00 Hours , on Feb 8 , 2006													
Runoff Yield	12.35 Liters/Second/Square KM.			Momentary Peak Yield				51.736 Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Bun Nak , Nan (N.13A)

Lat 18 - 33 - 12 N Long 100 - 46 - 03 E

Location : on right bank about 2 kilometers upstream from Station N.13

	Ban	Bun Nak	Amphoe	Wiang Sa	Changwat	Nan
Drainage Area	8,706	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+177.400 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+192.690 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1987 to date					
Rating Operation						
Period of Rating	1987 to date					
Rated by Flot	-					
Rated by Current Meter	1987 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 199 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.93	178.00	178.48	178.69	179.76	181.17	183.00	178.86	178.36	178.25	178.10	178.03	
2	177.93	177.96	178.31	178.73	181.26	180.95	182.07	178.80	178.35	178.24	178.10	178.02	
3	177.92	177.95	178.37	178.63	180.87	181.38	181.38	178.74	178.35	178.23	178.10	178.01	
4	178.05	178.02	178.51	178.86	180.08	182.64	181.06	178.70	178.34	178.22	178.09	178.00	
5	178.11	178.05	178.38	178.64	179.76	181.26	180.69	178.68	178.33	178.21	178.09	178.00	
6	178.11	178.00	178.38	178.65	179.51	181.04	180.35	178.65	178.32	178.20	178.09	177.99	
7	178.07	177.99	178.71	178.70	179.42	181.55	180.25	178.66	178.32	178.19	178.12	177.99	
8	178.04	177.97	179.04	178.58	179.57	181.27	180.11	178.75	178.31	178.19	178.11	177.99	
9	178.01	177.98	178.71	178.54	179.42	180.97	179.93	179.06	178.31	178.18	178.10	177.98	
10	177.98	178.01	178.87	178.73	179.27	181.32	179.71	178.83	178.30	178.17	178.10	177.98	
11	177.96	178.09	178.73	178.61	179.16	180.98	179.57	178.75	178.29	178.17	178.09	177.97	
12	177.95	178.05	178.53	178.78	179.23	181.16	179.46	178.75	178.29	178.17	178.08	177.97	
13	177.94	178.05	178.38	179.01	182.45	181.12	179.38	178.73	178.28	178.16	178.08	177.97	
14	177.94	178.04	178.29	179.40	184.67	180.40	179.38	178.66	178.28	178.16	178.08	177.97	
15	177.94	178.01	178.25	179.13	184.03	180.05	179.33	178.61	178.26	178.16	178.10	177.97	
16	177.94	178.00	178.27	179.26	181.96	179.95	179.31	178.58	178.25	178.15	178.09	177.97	
17	177.94	177.98	178.38	179.03	181.69	179.81	179.20	178.57	178.25	178.15	178.08	177.97	
18	177.93	177.96	178.26	178.84	183.65	179.78	179.11	178.56	178.24	178.15	178.07	177.97	
19	177.93	177.95	178.30	179.34	183.91	181.00	179.06	178.53	178.24	178.14	178.09	177.97	
20	177.92	177.96	178.29	179.14	183.33	182.94	179.03	178.52	178.24	178.14	178.10	177.97	
21	177.97	177.95	178.23	179.02	181.99	183.23	179.26	178.50	178.24	178.14	178.09	177.99	
22	178.00	177.99	178.31	179.37	181.63	182.06	179.02	178.48	178.24	178.13	178.08	177.98	
23	177.95	178.04	179.03	179.94	181.73	181.12	178.93	178.48	178.24	178.13	178.07	177.98	
24	177.93	178.06	179.39	180.78	181.54	181.06	178.88	178.45	178.24	178.13	178.06	177.97	
25	177.92	178.09	180.77	180.66	181.38	180.72	178.85	178.44	178.23	178.13	178.05	177.96	
26	177.93	178.00	179.86	180.98	181.09	180.33	178.87	178.43	178.23	178.12	178.04	177.95	
27	178.05	177.99	179.05	180.62	181.98	180.30	178.86	178.42	178.28	178.12	178.04	177.94	
28	178.08	178.03	178.75	180.77	181.19	182.16	178.81	178.41	178.36	178.12	178.04	177.94	
29	178.10	178.03	178.62	180.37	181.43	184.21	178.79	178.40	178.33	178.12		177.93	
30	178.05	178.15	178.70	179.99	180.86	183.74	178.76	178.39	178.27	178.11		177.95	
31		178.51		179.74	180.69		178.86		178.26	178.11		178.16	
Mean	177.98	178.03	178.67	179.34	181.24	181.32	179.65	178.61	178.28	178.16	178.08	177.98	
Max	178.11	178.51	180.77	180.98	184.67	184.21	183.00	179.06	178.36	178.25	178.12	178.16	184.67
Min	177.92	177.95	178.23	178.54	179.16	179.78	178.76	178.39	178.23	178.11	178.04	177.93	177.92
Annual Max Momentary Gage Height	184.83		m. (MSL.) ,				at 17.00 Hours ,						
Zero Gage at Bottom Elevation	177.40		m. (MSL.) ,			River Bed	174.44	m. (MSL.)					
Left Bank Elevation		190.29		m. (MSL.) ,									
Right Bank Elevation		192.62		m. (MSL.) ,		Drainage Are	8,706	Square Kilometers					

WATER YEAR : 2005**Nan RIVER BASIN****Nan River at Wat Luang Pho Kao , Nakhon Sawan (N.14A)**

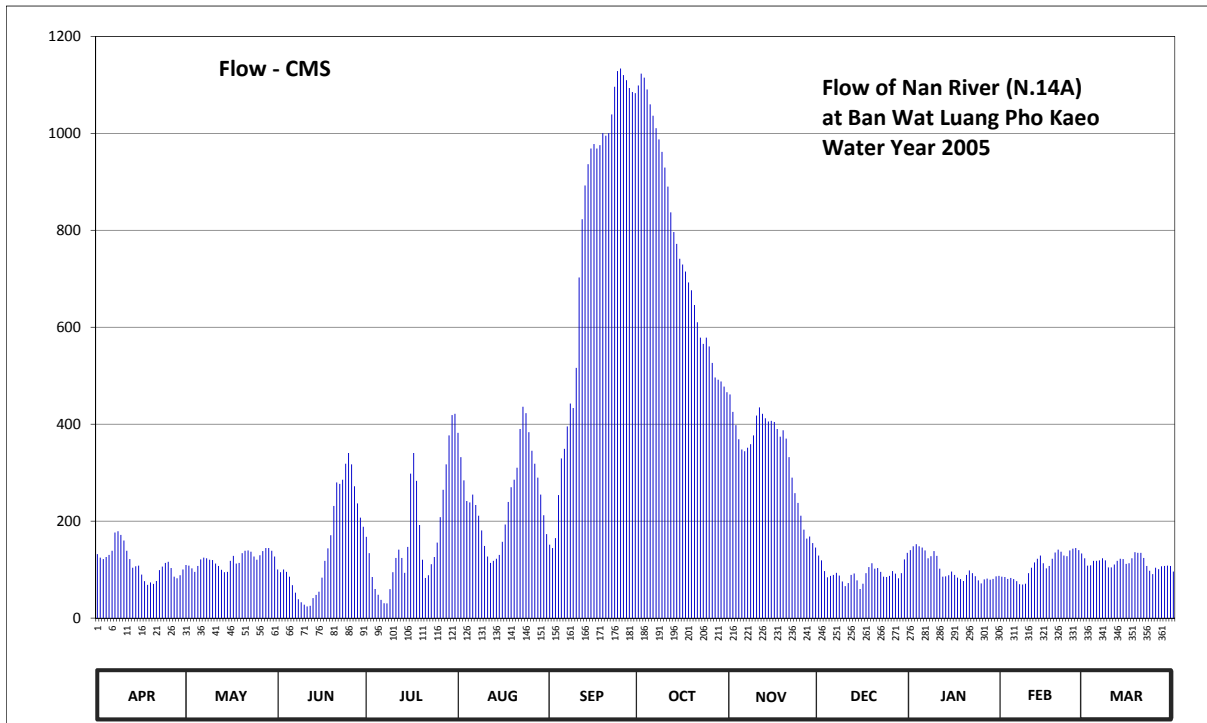
Lat 15 - 53 - 44 N Long 100 - 18 - 42 E

Location : on right bank in front of Wat Luang Pho Kao about 1 kilometer upstream from Station N.14

	Ban	Wat Luang Pho Kao	Amphoe	Chum Saeng	Changwat	Nakhon Sawan
Drainage Area	32,826	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+19.000	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank in front of automatic gage building.				Elevation	+29.837 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1971 to date					
Rating Operation						
Period of Rating	1973 - 1979, 1991 to date					
Rated by Flot	-					
Rated by Current Meter	1972 - 1980, 1991 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow					
General Description	Records fair. Flow effected by Naresuan Dam. Stage-discharge relation defined by 46 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.56	21.25	21.12	22.02	24.03	21.83	27.84	24.65	21.52	21.68	20.88	21.44	
2	21.46	21.23	21.03	21.59	23.63	21.74	27.93	24.36	21.38	21.79	20.87	21.23	
3	21.42	21.15	21.12	20.87	23.22	21.99	27.90	24.15	21.07	21.84	20.81	21.24	
4	21.48	21.04	21.04	20.45	22.80	22.92	27.81	23.93	20.86	21.79	20.84	21.37	
5	21.54	21.22	20.88	20.22	22.77	23.61	27.69	23.76	20.91	21.75	20.80	21.37	
6	21.66	21.41	20.60	20.00	22.93	23.77	27.60	23.73	20.94	21.67	20.73	21.38	
7	22.13	21.46	20.30	19.84	22.72	24.13	27.50	23.79	21.01	21.44	20.63	21.44	
8	22.16	21.44	20.03	19.83	22.50	24.49	27.41	23.85	20.92	21.50	20.62	21.38	
9	22.07	21.40	19.88	20.44	22.18	24.42	27.30	23.99	20.72	21.65	20.65	21.18	
10	21.93	21.39	19.76	21.03	21.80	25.12	27.16	24.30	20.56	21.51	21.00	21.18	
11	21.66	21.29	19.64	21.45	21.49	26.11	26.99	24.43	20.67	21.14	21.17	21.26	
12	21.42	21.22	19.69	21.69	21.31	26.70	26.76	24.33	20.94	20.88	21.32	21.37	
13	21.17	21.11	20.08	21.45	21.37	27.00	26.57	24.26	20.99	20.89	21.43	21.43	
14	21.21	21.03	20.21	21.01	21.43	27.19	26.45	24.21	20.76	20.93	21.52	21.42	
15	21.23	21.04	20.34	21.77	21.54	27.33	26.30	24.22	20.45	21.05	21.30	21.28	
16	20.95	21.37	20.85	23.34	21.90	27.37	26.24	24.20	20.65	20.94	21.15	21.30	
17	20.73	21.51	21.37	23.70	22.32	27.33	26.17	24.09	21.00	20.85	21.22	21.44	
18	20.61	21.29	21.73	23.21	22.78	27.36	26.06	23.97	21.19	20.80	21.43	21.62	
19	20.69	21.31	22.06	22.31	23.08	27.46	25.98	24.07	21.30	20.74	21.61	21.60	
20	20.64	21.59	22.70	21.40	23.23	27.44	25.82	23.94	21.14	20.94	21.69	21.60	
21	20.74	21.66	23.18	20.84	23.45	27.46	25.62	23.63	21.16	21.09	21.63	21.45	
22	21.10	21.67	23.15	20.93	24.09	27.61	25.46	23.27	21.04	21.00	21.52	21.22	
23	21.20	21.63	23.23	21.27	24.44	27.83	25.41	22.96	20.88	20.90	21.50	21.08	
24	21.31	21.49	23.52	21.48	24.34	27.95	25.46	22.76	20.87	20.76	21.67	20.97	
25	21.34	21.40	23.70	21.88	24.04	27.97	25.39	22.50	20.91	20.66	21.72	21.17	
26	21.16	21.53	23.51	22.47	23.74	27.92	25.21	22.20	21.07	20.79	21.74	21.13	
27	20.88	21.65	23.10	23.03	23.52	27.88	24.95	21.98	20.98	20.82	21.68	21.21	
28	20.83	21.74	22.75	23.51	23.27	27.82	24.91	22.03	20.83	20.78	21.58	21.22	
29	20.93	21.74	22.46	23.99	22.93	27.79	24.88	21.87	21.00	20.81		21.23	
30	21.12	21.66	22.27	24.31	22.51	27.78	24.79	21.75	21.41	20.89		21.22	
31		21.49		24.33	22.09		24.69		21.60	20.91		21.05	
Mean	21.28	21.40	21.51	21.80	22.82	26.11	26.33	23.57	20.99	21.14	21.24	21.31	
Max	22.16	21.74	23.70	24.33	24.44	27.97	27.93	24.65	21.60	21.84	21.74	21.62	27.97
Min	20.61	21.03	19.64	19.83	21.31	21.74	24.69	21.75	20.45	20.66	20.62	20.97	19.64
Annual Max Momentary Gage Height	27.97		m. (MSL.) ,			at 18.00 Hours ,	on Sep 24 , 2005						
Zero Gage at Bottom Elevation	19.00		m. (MSL.) ,			River Bed	13.80	m. (MSL.)					
Left Bank Elevation		29.84		m. (MSL.) ,									
Right Bank Elevation		32.10		m. (MSL.) ,		Drainage Are	32,826	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	131.90	109.70	100.40	167.50	382.10	151.50	1098.80	461.40	129.00	140.40	85.40	123.30	
2	124.70	108.30	94.70	134.00	331.90	144.70	1123.10	425.60	119.00	148.30	84.70	108.30	
3	121.90	102.60	100.40	84.70	284.30	165.00	1115.00	397.90	97.10	152.40	81.00	109.00	
4	126.10	95.30	95.30	60.20	241.60	253.70	1090.70	369.00	84.10	148.30	82.90	118.30	
5	130.40	107.60	85.40	48.20	238.50	329.50	1059.70	347.90	87.20	145.40	80.40	118.30	
6	139.00	121.10	68.00	37.70	254.70	349.10	1036.50	344.20	89.10	139.70	76.10	119.00	
7	176.70	124.70	52.40	30.70	233.50	395.30	1010.80	351.50	93.40	123.30	69.90	123.30	
8	179.20	123.30	39.00	30.30	211.20	442.70	987.60	358.90	87.80	127.60	69.20	119.00	
9	171.70	120.40	32.50	59.70	180.90	433.50	961.90	376.80	75.40	138.30	71.10	104.70	
10	159.90	119.70	27.70	94.70	149.00	516.10	929.50	417.70	65.90	128.30	92.80	104.70	
11	139.00	112.60	24.00	124.00	126.90	702.80	890.10	434.80	72.30	101.90	104.00	110.40	
12	121.90	107.60	25.50	141.10	114.00	823.00	836.90	421.60	89.10	85.40	114.70	118.30	
13	104.00	99.70	41.10	124.00	118.30	892.40	796.50	412.40	92.20	86.00	122.60	122.60	
14	106.90	94.70	47.70	93.40	122.60	936.40	772.10	405.80	77.90	88.50	129.00	121.90	
15	108.30	95.30	54.50	146.90	130.40	968.80	741.50	407.10	60.20	95.90	113.30	111.90	
16	89.70	118.30	83.50	297.90	157.40	978.10	729.30	404.50	71.10	89.10	102.60	113.30	
17	76.10	128.30	118.30	340.50	193.00	968.80	715.00	390.00	92.80	83.50	107.60	123.30	
18	68.60	112.60	144.00	283.10	239.50	975.70	692.60	374.20	105.40	80.40	122.60	136.10	
19	73.60	114.00	170.80	192.00	269.90	1000.40	676.30	387.40	113.30	76.70	135.40	134.70	
20	70.50	134.00	231.40	120.40	285.40	995.30	645.80	370.30	101.90	89.10	141.10	134.70	
21	76.70	139.00	280.00	82.90	310.30	1000.40	610.30	331.90	103.30	98.40	136.90	124.00	
22	99.00	139.70	276.90	88.50	390.00	1039.10	578.60	289.90	95.30	92.80	129.00	107.60	
23	106.10	136.90	285.40	111.10	436.10	1096.10	565.60	257.70	85.40	86.60	127.60	97.80	
24	114.00	126.90	318.50	126.10	422.90	1128.50	578.60	237.50	84.70	77.90	139.70	90.90	
25	116.10	120.40	340.50	155.70	383.40	1133.90	560.40	211.20	87.20	71.70	143.30	104.00	
26	103.30	129.70	317.20	208.20	345.40	1120.40	526.50	182.60	97.10	79.80	144.70	101.10	
27	85.40	138.30	271.90	264.80	318.50	1109.60	496.30	164.10	91.60	81.60	140.40	106.90	
28	82.30	144.70	236.50	317.20	289.90	1093.40	491.70	168.30	82.30	79.20	133.30	107.60	
29	88.50	144.70	207.20	376.80	254.70	1085.40	488.20	154.90	92.80	81.00	108.30	108.30	
30	100.40	139.00	188.50	419.00	212.20	1082.90	477.70	145.40	121.10	86.00	107.60	107.60	
31		126.90		421.60	173.40		466.10		134.70	87.20	95.90		
Total	3391.90	3736.00	4359.20	5182.90	7801.90	23312.50	23749.70	10002.50	2879.70	3190.70	3081.30	3526.80	94215.10 CMSDAY
Mean	113.10	120.50	145.30	167.20	251.70	777.10	766.10	333.40	92.90	102.90	110.00	113.80	258.10 CMS
Max	179.20	144.70	340.50	421.60	436.10	1133.90	1123.10	461.40	134.70	152.40	144.70	136.10	1133.90 CMS
Min	68.60	94.70	24.00	30.30	114.00	144.70	466.10	145.40	60.20	71.70	69.20	90.90	24.00 CMS
Runoff	293.06	322.79	376.63	447.80	674.08	2014.20	2051.97	864.22	248.81	275.68	266.22	304.72	8140.19 MCM
Momentary Peak	1133.90	CMS. at 27.97 m. (MSL.)											CMS at 18.00 Hours , on Sep 24 , 2005
Runoff Yield	7.86	Liters/Second/Square KM.											Momentary Peak Yield 34.543 Liters/Second/Square KM.

WATER YEAR : 2005

NAN RIVER BASIN

Khwaee Noi River at Ban Yang, Phitsanulok (N.22)

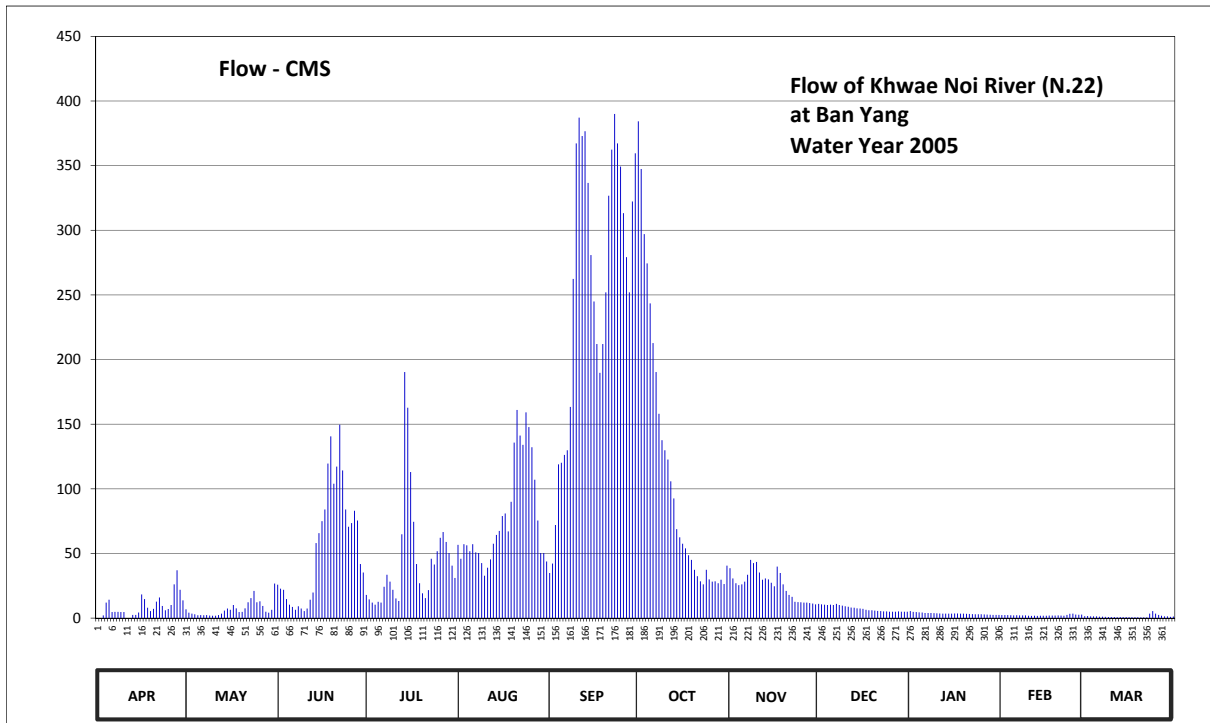
Lat 17 - 01 - 56 N Long 100 - 22 - 20 E

Location : on left bank about 1 kilometer downstream from District Forestry Office.

	Ban Yang	Amphoe Wat Bot	Changwat Phitsanulok
Drainage Area	4,764 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+42.670 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the Meteorological Station.	Elevation	+51.975 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1963 to date.		
Rating Operation			
Period of Rating	1963 - 1974, 1996 to date.		
Rated by Flot	-		
Rated by Current Meter	1963 - 1974, 1996 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 28 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	42.07	42.89	43.66	43.40	44.46	43.94	49.14	44.04	43.10	42.82	42.54	42.45	
2	42.21	42.72	43.56	43.26	44.22	44.13	48.75	43.82	43.08	42.78	42.53	42.46	
3	42.51	42.64	43.53	43.15	44.47	44.80	48.19	43.70	43.07	42.77	42.53	42.44	
4	43.15	42.60	43.27	43.07	44.45	45.65	47.93	43.65	43.06	42.74	42.52	42.44	
5	43.25	42.52	43.07	43.18	44.35	45.67	47.54	43.67	43.07	42.73	42.51	42.44	
6	42.77	42.54	42.98	43.15	44.47	45.77	47.13	43.74	43.06	42.70	42.52	42.41	
7	42.78	42.52	42.87	43.61	44.33	45.83	46.82	43.90	43.10	42.70	42.51	42.41	
8	42.78	42.53	43.01	43.90	44.32	46.39	46.30	44.20	43.06	42.69	42.51	42.39	
9	42.77	42.50	42.92	43.74	44.14	47.78	45.96	44.14	43.03	42.68	42.51	42.36	
10	42.77	42.48	42.82	43.53	43.88	48.96	45.83	44.16	43.01	42.67	42.49	42.38	
11	42.13	42.48	42.92	43.29	44.05	49.17	45.71	43.95	42.99	42.66	42.47	42.36	
12	42.09	42.54	43.25	43.21	44.21	49.02	45.43	43.79	42.96	42.65	42.48	42.35	
13	42.55	42.64	43.46	44.64	44.48	49.06	45.21	43.82	42.95	42.64	42.47	42.36	
14	42.55	42.84	44.49	46.82	44.63	48.63	44.73	43.80	42.93	42.65	42.48	42.36	
15	42.73	42.92	44.66	46.38	44.70	48.01	44.59	43.71	42.92	42.65	42.49	42.36	
16	43.41	42.87	44.86	45.55	44.94	47.56	44.48	43.62	42.91	42.66	42.49	42.35	
17	43.27	43.06	45.04	44.85	44.98	47.12	44.40	44.07	42.87	42.66	42.50	42.35	
18	42.95	42.93	45.66	44.12	44.69	46.81	44.28	43.94	42.85	42.65	42.50	42.34	
19	42.82	42.77	46.01	43.70	45.16	47.12	44.20	43.67	42.85	42.64	42.50	42.34	
20	42.91	42.78	45.40	43.44	45.93	47.65	44.01	43.50	42.84	42.63	42.51	42.33	
21	43.19	42.93	45.62	43.30	46.35	48.52	43.87	43.40	42.83	42.62	42.50	42.33	
22	43.32	43.16	46.16	43.52	46.02	48.91	43.75	43.34	42.82	42.61	42.49	42.32	
23	43.02	43.30	45.57	44.22	45.90	49.20	43.67	43.18	42.81	42.59	42.55	42.64	
24	42.85	43.50	45.04	44.11	46.32	48.96	44.01	43.17	42.81	42.60	42.63	42.82	
25	42.90	43.16	44.77	44.35	46.13	48.77	43.80	43.16	42.80	42.59	42.64	42.64	
26	43.06	43.20	44.83	44.58	45.87	48.37	43.74	43.15	42.80	42.58	42.57	42.55	
27	43.67	43.02	45.02	44.68	45.45	47.99	43.75	43.15	42.80	42.57	42.56	42.48	
28	44.00	42.80	44.87	44.51	44.87	47.65	43.70	43.13	42.81	42.56	42.57	42.44	
29	43.53	42.72	44.12	44.32	44.32	48.47	43.79	43.11	42.80	42.55		42.43	
30	43.23	42.87	43.95	44.09	44.32	48.88	43.68	43.08	42.80	42.55		42.40	
31		43.69		43.83	44.17		44.09		42.79	42.55		42.42	
Mean	42.91	42.84	44.25	44.05	44.86	47.49	45.24	43.63	42.92	42.65	42.52	42.42	
Max	44.00	43.69	46.16	46.82	46.35	49.20	49.14	44.20	43.10	42.82	42.64	42.82	49.20
Min	42.07	42.48	42.82	43.07	43.88	43.94	43.67	43.08	42.79	42.55	42.47	42.32	42.07
Annual Max Momentary Gage Height	49.24		m. (MSL.) ,			at 06.00 Hours ,	on Sep 23 , 2005						
Zero Gage at Bottom Elevation	42.67		m. (MSL.) ,			River Bed	40.46	m. (MSL.)					
Left Bank Elevation		52.20		m. (MSL.) ,									
Right Bank Elevation		51.11		m. (MSL.) ,		Drainage Are	4,764	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual		
1	0.00	6.80	25.80	18.00	56.70	34.90	384.30	38.60	11.00	5.40	2.40	1.50			
2	0.05	4.20	22.80	14.50	45.90	42.20	347.50	30.70	10.60	4.80	2.30	1.60			
3	2.10	3.40	21.90	12.00	57.15	72.00	297.10	27.00	10.40	4.70	2.30	1.40			
4	12.00	3.00	14.75	10.40	56.25	119.00	274.40	25.50	10.20	4.40	2.20	1.40			
5	14.25	2.20	10.40	12.60	51.75	120.20	243.50	26.10	10.40	4.30	2.10	1.40			
6	4.70	2.40	8.60	12.00	57.15	126.20	212.75	28.20	10.20	4.00	2.20	1.10			
7	4.80	2.20	6.40	24.30	50.85	129.80	190.40	33.50	11.00	4.00	2.10	1.10			
8	4.80	2.30	9.20	33.50	50.40	163.40	158.00	45.00	10.20	3.90	2.10	0.95			
9	4.70	2.00	7.40	28.20	42.60	262.40	137.60	42.60	9.60	3.80	2.10	0.80			
10	4.70	1.80	5.40	21.90	32.80	367.20	129.80	43.40	9.20	3.70	1.90	0.90			
11	0.00	1.80	7.40	15.25	39.00	387.15	122.60	35.25	8.80	3.60	1.70	0.80			
12	0.00	2.40	14.25	13.25	45.45	372.90	105.80	29.70	8.20	3.50	1.80	0.75			
13	2.50	3.40	19.80	64.80	57.60	376.70	92.60	30.70	8.00	3.40	1.70	0.80			
14	2.50	5.80	58.05	190.40	64.35	336.70	68.85	30.00	7.60	3.50	1.80	0.80			
15	4.30	7.40	65.70	162.80	67.50	280.90	62.55	27.30	7.40	3.50	1.90	0.80			
16	18.30	6.40	75.00	113.00	79.00	245.00	57.60	24.60	7.20	3.60	1.90	0.75			
17	14.75	10.20	84.00	74.50	81.00	212.00	54.00	39.80	6.40	3.60	2.00	0.75			
18	8.00	7.60	119.60	41.80	67.05	189.70	48.60	34.90	6.00	3.50	2.00	0.70			
19	5.40	4.70	140.60	27.00	90.00	212.00	45.00	26.10	6.00	3.40	2.00	0.70			
20	7.20	4.80	104.00	19.20	135.80	252.00	37.40	21.00	5.80	3.30	2.10	0.65			
21	12.80	7.60	117.20	15.50	161.00	326.80	32.45	18.00	5.60	3.20	2.00	0.65			
22	16.00	12.20	149.60	21.60	141.20	362.45	28.50	16.50	5.40	3.10	1.90	0.60			
23	9.40	15.50	114.20	45.90	134.00	390.00	26.10	12.60	5.20	2.90	2.50	3.40			
24	6.00	21.00	84.00	41.40	159.20	367.20	37.40	12.40	5.20	3.00	3.30	5.40			
25	7.00	12.20	70.65	51.75	147.80	349.30	30.00	12.20	5.00	2.90	3.40	3.40			
26	10.20	13.00	73.50	62.10	132.20	313.30	28.20	12.00	5.00	2.80	2.70	2.50			
27	26.10	9.40	83.00	66.60	107.00	279.20	28.50	12.00	5.00	2.70	2.60	1.80			
28	37.00	5.00	75.50	58.95	75.50	252.00	27.00	11.60	5.20	2.60	2.70	1.40			
29	21.90	4.20	41.80	50.40	50.40	322.30	29.70	11.20	5.00	2.50		1.30			
30	13.75	6.40	35.25	40.60	50.40	359.60	26.40	10.60	5.00	2.50		1.00			
31		26.70		31.05	43.80		40.60		4.90	2.50		1.20			
Total	275.20	218.00	1665.75	1395.25	2430.80	7624.50	3405.20	769.05	230.70	108.60	61.70	42.30	18227.05	CMSDAY	
Mean	9.17	7.03	55.53	45.01	78.41	254.15	109.85	25.64	7.44	3.50	2.20	1.36	49.94	CMS	
Max	37.00	26.70	149.60	190.40	161.00	390.00	384.30	45.00	11.00	5.40	3.40	5.40	390.00	CMS	
Min	0.00	1.80	5.40	10.40	32.80	34.90	26.10	10.60	4.90	2.50	1.70	0.60	0.00	CMS	
Runoff	23.78	18.84	143.92	120.55	210.02	658.76	294.21	66.45	19.93	9.38	5.33	3.66	1574.82	MCM	
Momentary Peak	394.00 CMS. at 49.24 m. (MSL.) at 06.00 Hours , on Sep 23, 2005														
Runoff Yield	10.48 Liters/Second/Square KM.			Momentary Peak Yield				82.704 Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Khek River at Ban Wang Nok Aen , Phitsanulok (N.24)

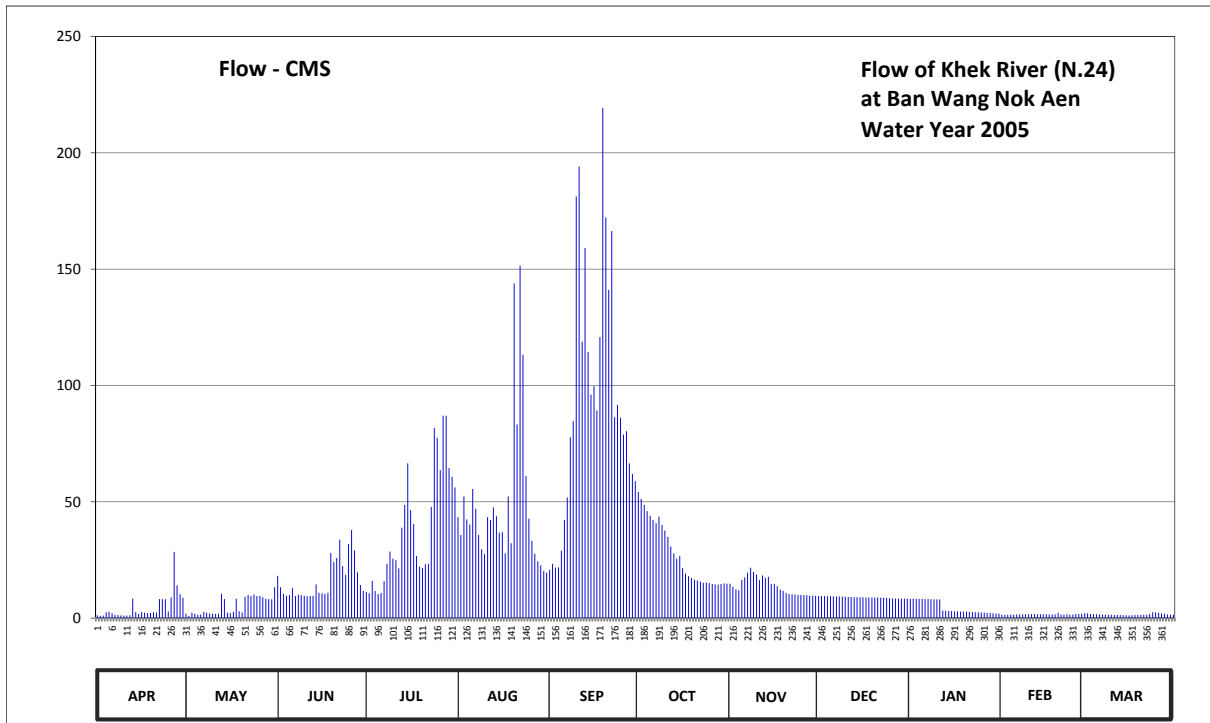
Lat 16 - 50 - 36 N Long 100 - 31 - 20 E

Location : on right bank about 2 kilometers downstream from Sakunothayan Fall.

	Ban Wang Nok Aen	Amphoe Wang Thong	Changwat Phitsanulok
Drainage Area	1,838 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+40.710 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+55.246 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1965 to date		
Rating Operation			
Period of Rating	1965 - 1974 , 1980 to date		
Rated by Flot	-		
Rated by Current Meter	1965 - 1974 , 1980 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 20 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.46	41.59	43.11	42.62	44.61	43.29	45.14	42.87	42.21	41.88	41.51	41.61	
2	41.43	41.43	42.76	42.51	44.22	43.47	45.00	42.77	42.20	41.88	41.51	41.61	
3	41.45	41.65	42.46	42.96	45.05	43.36	44.87	42.70	42.19	41.87	41.51	41.58	
4	41.69	41.58	42.24	42.65	44.56	43.37	44.74	42.67	42.18	41.87	41.52	41.55	
5	41.72	41.50	42.30	42.41	44.45	43.82	44.64	42.99	42.17	41.86	41.52	41.54	
6	41.61	41.53	42.73	42.55	45.20	44.55	44.55	43.06	42.16	41.85	41.53	41.53	
7	41.49	41.70	42.19	42.95	44.79	45.03	44.48	43.21	42.15	41.84	41.53	41.52	
8	41.48	41.65	42.34	43.47	44.22	46.12	44.62	43.36	42.14	41.83	41.54	41.52	
9	41.46	41.60	42.31	43.80	43.86	46.36	44.44	43.23	42.12	41.82	41.54	41.51	
10	41.45	41.57	42.23	43.61	43.73	48.62	44.32	43.15	42.10	41.81	41.54	41.51	
11	41.45	41.56	42.17	43.57	44.61	48.83	44.17	42.98	42.09	41.81	41.55	41.50	
12	41.47	41.59	42.19	43.34	44.55	47.37	43.93	43.12	42.08	41.80	41.55	41.50	
13	41.91	42.45	42.22	44.38	44.82	48.24	43.75	43.05	42.07	41.79	41.54	41.49	
14	41.70	41.84	42.85	44.87	44.63	47.26	43.61	43.08	42.06	41.78	41.54	41.48	
15	41.56	41.65	42.59	45.67	44.27	46.74	43.68	42.86	42.05	41.77	41.54	41.47	
16	41.70	41.62	42.50	44.76	44.28	46.85	43.35	42.86	42.05	41.76	41.54	41.46	
17	41.66	41.72	42.44	44.46	43.75	46.52	43.18	42.79	42.04	41.75	41.53	41.47	
18	41.63	41.88	42.57	43.68	45.05	47.42	43.10	42.69	42.04	41.74	41.53	41.49	
19	41.63	41.76	43.76	43.39	44.01	49.19	43.04	42.65	42.03	41.73	41.53	41.50	
20	41.69	41.67	43.52	43.35	47.95	48.47	42.99	42.52	42.03	41.72	41.64	41.51	
21	41.65	42.12	43.63	43.46	46.31	47.89	42.97	42.42	42.03	41.71	41.52	41.51	
22	41.85	42.30	44.10	43.47	48.10	48.37	42.94	42.40	42.02	41.70	41.52	41.51	
23	41.85	42.20	43.41	44.83	47.23	46.42	42.90	42.37	42.00	41.69	41.54	41.55	
24	41.83	42.38	43.14	46.26	45.44	46.60	42.91	42.35	41.98	41.68	41.52	41.69	
25	41.75	42.20	43.99	46.11	44.58	46.41	42.89	42.32	41.95	41.67	41.53	41.68	
26	42.03	42.19	44.33	45.55	44.07	46.16	42.86	42.30	41.92	41.66	41.55	41.66	
27	43.79	42.05	43.83	46.44	43.74	46.21	42.85	42.28	41.91	41.64	41.56	41.60	
28	42.82	41.90	43.22	46.44	43.54	45.67	42.84	42.25	41.90	41.63	41.57	41.58	
29	42.42	41.83	42.83	45.59	43.43	45.48	42.86	42.24	41.90	41.61		41.53	
30	41.99	41.83	42.65	45.43	43.26	45.35	42.88	42.22	41.90	41.60		41.51	
31		42.76		45.23	43.21		42.87		41.90	41.59		41.51	
Mean	41.79	41.85	42.89	44.19	44.69	46.31	43.66	42.73	42.05	41.75	41.54	41.54	
Max	43.79	42.76	44.33	46.44	48.10	49.19	45.14	43.36	42.21	41.88	41.64	41.69	49.19
Min	41.43	41.43	42.17	42.41	43.21	43.29	42.84	42.22	41.90	41.59	41.51	41.46	41.43
Annual Max Momentary Gage Height	49.43		m. (MSL.) ,			at 09.00 Hours ,		on Sep 19 , 2005					
Zero Gage at Bottom Elevation	40.71		m. (MSL.) ,			River Bed	41.05	m. (MSL.)					
Left Bank Elevation		54.65		m. (MSL.) ,									
Right Bank Elevation		55.23		m. (MSL.) ,		Drainage Are	1,838	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.16	1.94	18.14	11.28	43.40	20.66	54.21	14.78	9.54	8.30	1.46	2.06		
2	0.98	0.98	13.24	10.66	35.78	23.32	51.20	13.38	9.50	8.30	1.46	2.06		
3	1.10	2.30	10.48	16.04	52.27	21.64	48.60	12.40	9.46	8.26	1.46	1.88		
4	2.54	1.88	9.65	11.70	42.40	21.78	46.00	11.98	9.43	8.26	1.52	1.70		
5	2.72	1.40	9.88	10.29	40.20	28.94	44.00	16.46	9.39	8.23	1.52	1.64		
6	2.06	1.58	12.82	10.81	55.50	42.20	42.20	17.44	9.35	8.19	1.58	1.58		
7	1.34	2.60	9.46	15.90	47.00	51.84	40.80	19.54	9.31	8.15	1.58	1.52		
8	1.28	2.30	10.03	23.32	35.78	77.76	43.60	21.64	9.28	8.11	1.64	1.52		
9	1.16	2.00	9.91	28.60	29.62	84.64	40.00	19.82	9.20	8.08	1.64	1.46		
10	1.10	1.82	9.61	25.56	27.48	181.20	37.68	18.70	9.12	8.04	1.64	1.46		
11	1.10	1.76	9.39	24.92	43.40	194.07	34.89	16.32	9.09	8.04	1.70	1.40		
12	1.22	1.94	9.46	21.36	42.20	118.80	30.81	18.28	9.05	3.20	1.70	1.40		
13	8.41	10.44	9.58	38.82	47.60	159.04	27.80	17.30	9.01	3.14	1.64	1.34		
14	2.60	8.15	14.50	48.60	43.80	114.40	25.56	17.72	8.98	3.08	1.64	1.28		
15	1.76	2.30	10.96	66.48	36.73	96.08	26.68	14.64	8.94	3.02	1.64	1.22		
16	2.60	2.12	10.63	46.40	36.92	99.70	21.50	14.64	8.94	2.96	1.64	1.16		
17	2.36	2.72	10.40	40.40	27.80	89.28	19.12	13.66	8.90	2.90	1.58	1.22		
18	2.18	8.30	10.89	26.68	52.27	120.80	18.00	12.26	8.90	2.84	1.58	1.34		
19	2.18	2.96	27.96	22.06	32.17	219.29	17.16	11.70	8.86	2.78	1.58	1.40		
20	2.54	2.42	24.12	21.50	143.85	172.20	16.46	10.70	8.86	2.72	2.24	1.46		
21	2.30	9.20	25.88	23.16	83.19	141.03	16.18	10.32	8.86	2.66	1.52	1.46		
22	8.19	9.88	33.70	23.32	151.50	166.32	15.76	10.25	8.83	2.60	1.52	1.46		
23	8.19	9.50	22.36	47.80	113.20	86.38	15.20	10.14	8.75	2.54	1.64	1.70		
24	8.11	10.18	18.56	81.74	60.96	91.60	15.34	10.06	8.68	2.48	1.52	2.54		
25	2.90	9.50	31.83	77.48	42.80	86.09	15.06	9.95	8.56	2.42	1.58	2.48		
26	8.86	9.46	37.87	63.60	33.19	78.88	14.64	9.88	8.45	2.36	1.70	2.36		
27	28.44	8.94	29.11	86.96	27.64	80.29	14.50	9.80	8.41	2.24	1.76	2.00		
28	14.08	8.38	19.68	86.96	24.44	66.48	14.36	9.69	8.38	2.18	1.82	1.88		
29	10.32	8.11	14.22	64.56	22.68	61.92	14.64	9.65	8.38	2.06		1.58		
30	8.71	8.11	11.70	60.72	20.24	58.87	14.92	9.58	8.38	2.00		1.46		
31		13.24		56.17	19.54		14.78		8.38	1.94		1.46		
Total	142.49	166.41	496.02	1193.85	1515.55	2855.50	851.65	412.68	277.17	142.08	45.50	50.48	8149.38	CMSDAY
Mean	4.75	5.37	16.53	38.51	48.89	95.18	27.47	13.76	8.94	4.58	1.63	1.63	22.33	CMS
Max	28.44	13.24	37.87	86.96	151.50	219.29	54.21	21.64	9.54	8.30	2.24	2.54	219.29	CMS
Min	0.98	0.98	9.39	10.29	19.54	20.66	14.36	9.58	8.38	1.94	1.46	1.16	0.98	CMS
Runoff	12.31	14.38	42.86	103.15	130.94	246.72	73.58	35.66	23.95	12.28	3.93	4.36	704.11	MCM
Momentary Peak		238.40	CMS.	at 49.43 m. (MSL.) at 09.00 Hours , on Sep 19, 2005										
Runoff Yield		12.15	Liters/Second/Square KM.		Momentary Peak Yield	129.706	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Nong Kham , Phitsanulok (N.27A)

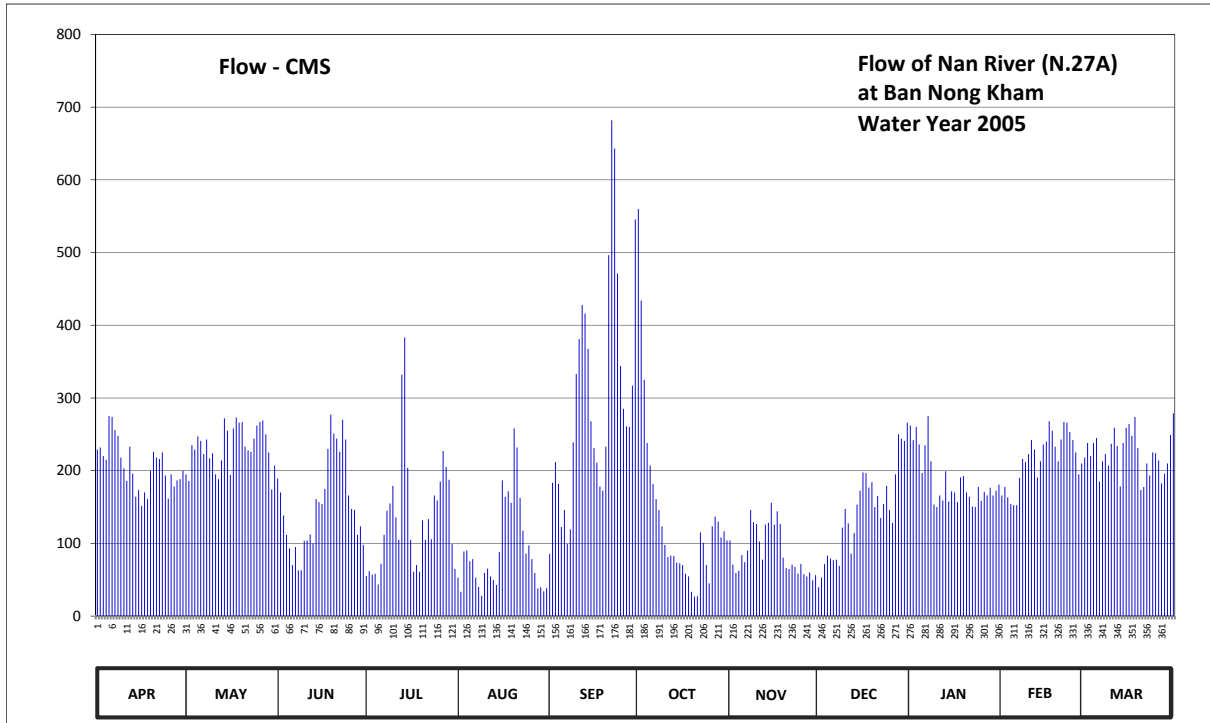
Lat 17 - 01 - 46 N Long 100 - 11 - 00 E

Location : on right bank about 1.8 kilometers downstream from Phrom Phiram Dam.

	Ban Nong Kham	Amphoe Phrom Phiram	Changwat Phitsanulok
Drainage Area	19,363 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+38.430 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 10 meters from the top staff gage.	Elevation	+48.572 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1980 to date		
Rating Operation			
Period of Rating	1980 to date		
Rated by Flot	-		
Rated by Current Meter	1980 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Naresuan Dam about 2 kilometers above gage site. Stage-discharge relation defined by 23 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.29	40.94	40.87	39.12	39.08	39.59	44.29	39.85	38.83	41.62	40.59	41.18	
2	41.32	40.83	40.64	39.23	38.71	40.80	43.25	39.38	39.08	41.42	40.73	41.38	
3	41.20	41.35	40.26	39.15	39.64	41.12	42.25	39.19	39.39	41.60	40.56	41.20	
4	41.15	41.29	39.94	39.17	39.66	40.78	41.38	39.24	39.56	41.36	40.45	41.38	
5	41.75	41.47	39.70	38.91	39.45	40.07	41.07	39.57	39.50	40.96	40.43	41.45	
6	41.74	41.41	39.37	39.40	39.49	40.35	40.78	39.43	39.47	41.35	40.43	40.82	
7	41.56	41.23	39.73	39.94	39.08	39.79	40.53	39.66	39.48	41.75	40.88	41.13	
8	41.48	41.43	39.25	40.34	38.84	40.03	40.35	40.35	39.35	41.13	41.16	41.23	
9	41.18	41.17	39.25	40.46	38.60	41.39	40.08	40.15	40.06	40.44	41.12	41.07	
10	41.03	41.24	39.84	40.75	39.19	42.33	39.77	40.12	40.37	40.40	41.23	41.37	
11	40.83	40.94	39.85	40.23	39.29	42.79	39.53	39.83	40.13	40.59	41.42	41.59	
12	41.33	40.86	39.95	39.86	39.11	43.20	39.56	39.48	39.60	40.51	41.29	41.34	
13	40.95	41.14	39.80	42.32	39.03	43.10	39.55	40.11	39.97	40.99	40.89	40.74	
14	40.57	41.72	40.53	42.81	38.90	42.67	39.42	40.14	40.44	40.49	41.13	41.38	
15	40.68	41.55	40.48	41.04	39.63	41.68	39.41	40.47	40.67	40.66	41.36	41.59	
16	40.42	40.93	40.45	39.86	40.84	41.31	39.37	40.11	40.97	40.64	41.40	41.64	
17	40.64	41.58	40.70	39.22	40.57	41.11	39.17	40.33	40.96	40.48	41.68	41.48	
18	40.53	41.73	41.30	39.37	40.66	40.74	39.11	40.12	40.72	40.89	41.55	41.74	
19	41.00	41.66	41.77	39.22	40.47	40.67	38.71	39.52	40.81	40.91	41.33	41.31	
20	41.26	41.67	41.51	40.18	41.58	41.33	38.57	39.30	40.40	40.64	41.13	40.68	
21	41.18	41.33	41.44	39.86	41.32	43.77	38.58	39.28	40.58	40.57	41.43	40.73	
22	41.16	41.28	41.26	40.20	40.55	45.23	39.98	39.38	40.22	40.41	41.67	41.10	
23	41.25	41.26	41.70	39.87	40.01	44.93	39.81	39.33	40.45	40.40	41.66	40.92	
24	40.92	41.44	41.43	40.59	39.60	43.56	39.37	39.17	40.75	40.73	41.53	41.25	
25	40.54	41.62	40.59	40.51	39.76	42.44	38.94	39.39	40.35	40.50	41.42	41.24	
26	40.94	41.67	40.37	40.82	39.49	41.85	40.08	39.16	40.14	40.65	41.25	41.14	
27	40.74	41.69	40.35	41.27	39.19	41.61	40.24	39.11	40.94	40.59	40.94	40.79	
28	40.84	41.50	39.94	41.05	38.80	41.60	40.16	39.20	41.50	40.72	41.10	40.95	
29	40.86	41.25	40.08	40.85	38.83	42.17	39.90	39.02	41.44	40.59		41.10	
30	41.00	40.69	39.77	39.79	38.72	44.18	40.00	39.14	41.41	40.67		41.49	
31		41.07		39.28	38.81		39.85		41.66	40.77		41.79	
Mean	41.04	41.32	40.40	40.15	39.58	41.87	40.10	39.62	40.30	40.82	41.13	41.23	
Max	41.75	41.73	41.77	42.81	41.58	45.23	44.29	40.47	41.66	41.75	41.68	41.79	45.23
Min	40.42	40.69	39.25	38.91	38.60	39.59	38.57	39.02	38.83	40.40	40.43	40.68	38.57
Annual Max Momentary Gage Height	45.39		m. (MSL.) ,			at 19.00 Hours ,	on Sep 22 , 2005						
Zero Gage at Bottom Elevation	38.43		m. (MSL.) ,			River Bed	36.89	m. (MSL.)					
Left Bank Elevation		48.75		m. (MSL.) ,									
Right Bank Elevation		48.97		m. (MSL.) ,		Drainage Are	19,363	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	229.00	195.00	189.17	55.20	52.80	85.30	559.70	104.17	39.50	262.00	165.83	218.00		
2	232.00	185.83	170.00	61.80	33.50	183.33	434.00	70.80	52.80	242.00	177.50	238.00		
3	220.00	235.00	138.33	57.00	88.80	212.00	325.00	59.40	71.40	260.00	163.33	220.00		
4	215.00	229.00	111.67	58.20	90.20	181.67	238.00	62.40	83.20	236.00	154.17	238.00		
5	275.00	247.00	93.00	43.50	75.50	122.50	207.00	83.90	79.00	196.67	152.50	245.00		
6	274.00	241.00	70.20	72.00	78.30	145.83	181.67	74.10	76.90	235.00	152.50	185.00		
7	256.00	223.00	95.10	111.67	52.80	99.30	160.83	90.20	77.60	275.00	190.00	213.00		
8	248.00	243.00	63.00	145.00	40.00	119.17	145.83	145.83	69.00	213.00	216.00	223.00		
9	218.00	217.00	63.00	155.00	28.00	239.00	123.33	129.17	121.67	153.33	212.00	207.00		
10	203.00	224.00	103.33	179.17	59.40	333.00	97.90	126.67	147.50	150.00	223.00	237.00		
11	185.83	195.00	104.17	135.83	65.40	380.90	81.10	102.50	127.50	165.83	242.00	259.00		
12	233.00	188.33	112.50	105.00	54.60	428.00	83.20	77.60	86.00	159.17	229.00	234.00		
13	195.83	214.00	100.00	332.00	49.80	416.00	82.50	125.83	114.17	199.17	190.83	178.33		
14	164.17	272.00	160.83	383.10	43.00	367.70	73.40	128.33	153.33	157.50	213.00	238.00		
15	173.33	255.00	156.67	204.00	88.10	268.00	72.70	155.83	172.50	171.67	236.00	259.00		
16	151.67	194.17	154.17	105.00	186.67	231.00	70.20	125.83	197.50	170.00	240.00	264.00		
17	170.00	258.00	175.00	61.20	164.17	211.00	58.20	144.17	196.67	156.67	268.00	248.00		
18	160.83	273.00	230.00	70.20	171.67	178.33	54.60	126.67	176.67	190.83	255.00	274.00		
19	200.00	266.00	277.00	61.20	155.83	172.50	33.50	80.40	184.17	192.50	233.00	231.00		
20	226.00	267.00	251.00	131.67	258.00	233.00	26.80	66.00	150.00	170.00	213.00	173.33		
21	218.00	233.00	244.00	105.00	232.00	496.40	27.20	64.80	165.00	164.17	243.00	177.50		
22	216.00	228.00	226.00	133.33	162.50	681.90	115.00	70.80	135.00	150.83	267.00	210.00		
23	225.00	226.00	270.00	105.83	117.50	642.90	100.83	67.80	154.17	150.00	266.00	193.33		
24	193.33	244.00	243.00	165.83	86.00	471.20	70.20	58.20	179.17	177.50	253.00	225.00		
25	161.67	262.00	165.83	159.17	97.20	344.00	45.00	71.40	145.83	158.33	242.00	224.00		
26	195.00	267.00	147.50	185.00	78.30	285.00	123.33	57.60	128.33	170.83	225.00	214.00		
27	178.33	269.00	145.83	227.00	59.40	261.00	136.67	54.60	195.00	165.83	195.00	182.50		
28	186.67	250.00	111.67	205.00	38.00	260.00	130.00	60.00	250.00	176.67	210.00	195.83		
29	188.33	225.00	123.33	187.50	39.50	317.00	108.33	49.20	244.00	165.83		210.00		
30	200.00	174.17	97.90	99.30	34.00	545.60	116.67	56.40	241.00	172.50		249.00		
31		207.00		64.80	38.50		104.17		266.00	180.83		279.00		
Total	6192.99	7207.50	4593.20	4165.50	2819.44	8912.53	4186.86	2690.60	4480.58	5789.66	6027.66	6942.82	64009.34	CMSDAY
Mean	206.43	232.50	153.11	134.37	90.95	297.08	135.06	89.69	144.53	186.76	215.27	223.96	175.37	CMS
Max	275.00	273.00	277.00	383.10	258.00	681.90	559.70	155.83	266.00	275.00	268.00	279.00	681.90	CMS
Min	151.67	174.17	63.00	43.50	28.00	85.30	26.80	49.20	39.50	150.00	152.50	173.33	26.80	CMS
Runoff	535.07	622.73	396.85	359.90	243.60	770.04	361.75	232.47	387.12	500.23	520.79	599.86	5530.41	MCM
Momentary Peak		702.70	CMS. at 45.39 m. (MSL.)											
Runoff Yield		9.06	Liters/Second/Square KM.				36.291							Liters/Second/Square KM.

WATER YEAR : 2005**NAN RIVER BASIN****Khlong Tron at Ban Na Klam , Uttaradit (N.28A)**

Lat 17 - 35 - 00 N Long 100 - 29 - 30 E

Location : on right bank at Ban Na Klam.

	Ban Na Klam	Amphoe Nam Pat	Changwat Uttaradit
Drainage Area	368 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.	Elevation	+5.757 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1997 to date.		
Rating Operation			
Period of Rating	1997 to date.		
Rated by Flot	-		
Rated by Current Meter	1997 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 30 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.60	1.78	1.65	1.27	1.69	1.70	2.56	1.66	1.35	1.68	1.71	1.33	
2	1.60	1.78	1.33	1.25	1.76	1.52	2.32	1.59	1.35	1.68	1.77	1.66	
3	1.54	1.61	1.27	1.24	1.44	1.50	2.13	1.65	1.35	1.68	1.77	1.66	
4	1.40	1.61	1.20	1.24	1.46	1.52	2.10	1.69	1.35	1.68	1.85	1.66	
5	1.63	1.61	1.15	1.23	1.67	1.56	2.01	1.68	1.35	1.68	1.84	1.77	
6	1.70	1.61	1.13	1.22	1.70	1.50	1.97	1.86	1.35	1.68	1.84	1.94	
7	1.73	1.61	1.18	1.21	1.70	1.48	2.18	1.78	1.35	1.68	1.84	1.94	
8	1.73	1.61	1.17	1.21	1.70	1.65	2.04	1.68	1.35	1.68	1.78	1.94	
9	1.73	1.61	1.13	1.20	1.70	1.76	1.87	1.51	1.35	1.66	1.75	1.92	
10	1.73	1.36	1.12	1.20	1.69	1.80	1.79	1.40	1.35	1.66	1.74	1.91	
11	1.73	1.14	1.14	1.19	1.69	1.68	1.75	1.39	1.34	1.66	1.74	1.91	
12	1.73	1.12	1.19	1.27	1.38	1.68	1.69	1.38	1.34	1.66	1.74	1.91	
13	1.73	1.12	1.31	1.46	1.41	1.70	1.67	1.37	1.34	1.66	1.64	1.80	
14	1.73	1.47	1.43	1.46	1.43	1.64	1.69	1.37	1.34	1.66	1.64	1.73	
15	1.73	1.47	1.27	1.51	1.75	1.58	1.67	1.37	1.34	1.66	1.64	1.73	
16	1.73	1.47	1.25	1.39	1.57	1.68	1.65	1.39	1.34	1.66	1.74	1.72	
17	1.73	1.47	1.40	1.35	1.50	1.58	1.59	1.37	1.34	1.66	1.83	1.72	
18	1.73	1.47	1.33	1.80	1.62	1.65	1.59	1.37	1.34	1.66	1.92	1.72	
19	1.73	1.47	1.40	1.80	2.23	2.31	1.57	1.36	1.34	1.66	1.72	1.72	
20	1.54	1.47	1.43	1.78	1.78	2.83	1.53	1.36	1.34	1.66	1.85	1.72	
21	1.51	1.47	1.38	1.71	1.64	2.12	1.61	1.36	1.34	1.66	1.79	1.72	
22	1.51	1.47	1.82	1.65	1.54	1.81	1.69	1.36	1.34	1.51	1.79	1.73	
23	1.73	1.46	1.50	1.65	1.49	1.72	1.70	1.35	1.34	1.33	1.35	1.73	
24	1.75	1.46	1.43	1.65	1.45	1.64	1.76	1.35	1.34	1.33	1.72	1.80	
25	1.79	1.46	1.39	1.65	1.41	1.59	1.76	1.35	1.67	1.40	1.70	1.85	
26	1.79	1.46	1.37	1.64	1.40	1.58	1.89	1.35	1.57	1.68	1.70	1.85	
27	1.79	1.46	1.35	1.55	1.39	1.56	1.76	1.35	1.70	1.66	1.57	1.85	
28	1.79	1.46	1.31	1.48	1.39	2.15	1.74	1.35	1.78	1.66	1.33	1.85	
29	1.79	1.46	1.29	1.50	1.38	1.81	1.79	1.35	1.73	1.76		1.85	
30	1.78	1.46	1.28	1.69	1.38	2.73	1.80	1.35	1.69	1.76		1.87	
31		1.61		1.69	1.65		1.82		1.69	1.76		1.73	
Mean	1.69	1.49	1.32	1.46	1.58	1.77	1.83	1.46	1.42	1.64	1.73	1.78	
Max	1.79	1.78	1.82	1.80	2.23	2.83	2.56	1.86	1.78	1.76	1.92	1.94	2.83
Min	1.40	1.12	1.12	1.19	1.38	1.48	1.53	1.35	1.34	1.33	1.33	1.33	1.12
Annual Max Momentary Gage Height	3.05												at 06.00 Hours , on Sep 20 , 2005
Zero Gage at Bottom Elevation	0.00						0.34						m. (A.D.)
Left Bank Elevation		6.14											m. (A.D.)
Right Bank Elevation		6.69											m. (A.D.)
Drainage Area						368							Square Kilometers

WATER YEAR : 2005

NAN RIVER BASIN

Khwaee Noi River at Ban Nong Krathao , Phitsanulok (N.36)

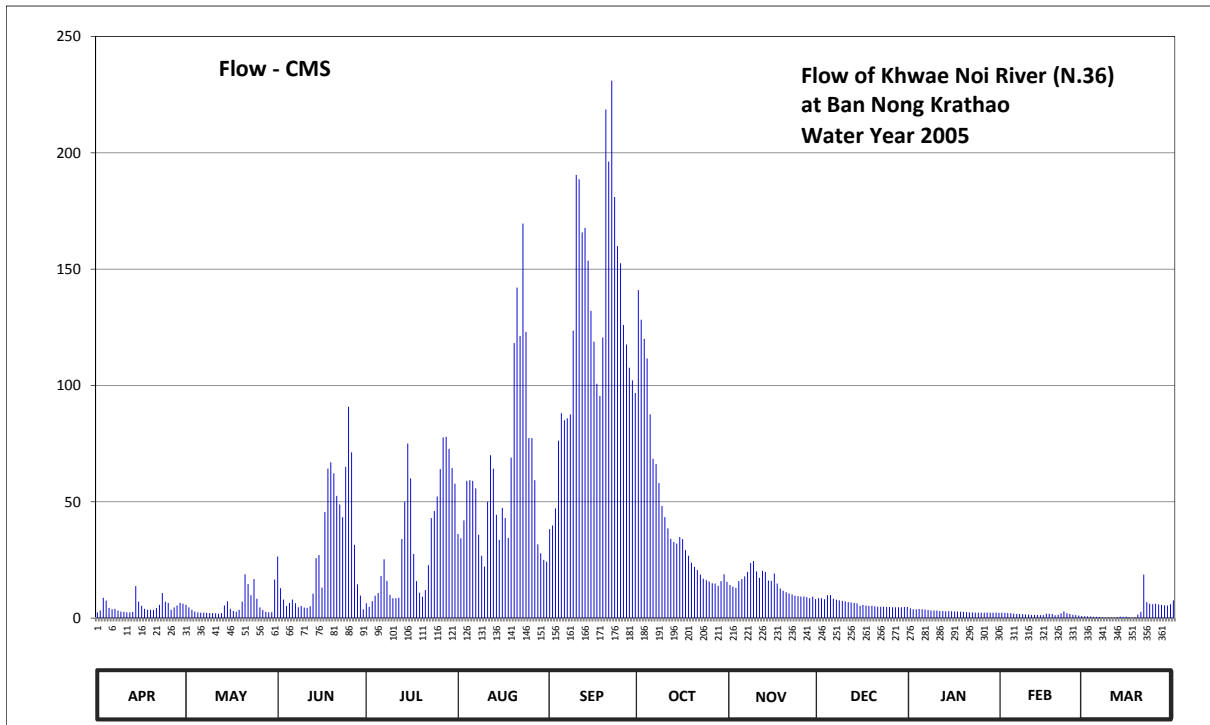
Lat 17 - 04 - 59 N Long 100 - 49 - 44 E

Location : on left bank about 50 meters upstream from the bridge along Lom Sak - Nakhon Thai Road, Tambon Nong Krathao.

	Ban Nong Krathao	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	1,710 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+191.880 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank along the measuring line.		Elevation +200.293 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1971 - 1979 , 1993 to date		
Rated by Flot	-		
Rated by Current Meter	1971 - 1979 , 1993 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +198.360 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	192.89	193.27	194.90	193.34	195.46	195.56	198.80	194.06	193.56	193.12	192.86	192.56	
2	193.03	193.16	193.95	193.18	195.36	195.64	198.63	194.00	193.55	193.08	192.85	192.55	
3	193.57	193.06	193.50	193.43	195.75	196.01	198.50	193.96	193.51	193.08	192.84	192.53	
4	193.45	192.96	193.22	193.66	196.52	197.21	198.34	194.19	193.68	193.09	192.82	192.51	
5	193.14	192.89	193.35	193.78	196.53	197.64	197.62	194.25	193.69	193.08	192.78	192.51	
6	193.08	192.87	193.50	194.34	196.52	197.53	196.90	194.33	193.53	193.07	192.76	192.50	
7	193.10	192.86	193.34	194.82	196.39	197.56	196.81	194.46	193.49	193.05	192.76	192.45	
8	193.02	192.85	193.17	194.20	195.44	197.62	196.48	194.71	193.46	193.03	192.74	192.44	
9	192.96	192.84	193.22	193.70	194.92	198.56	196.06	194.77	193.44	193.02	192.72	192.44	
10	192.93	192.83	193.15	193.55	194.61	199.15	195.82	194.47	193.42	193.02	192.71	192.45	
11	192.90	192.81	193.14	193.55	196.15	199.14	195.58	194.29	193.39	193.00	192.68	192.45	
12	192.89	192.77	193.21	193.57	196.96	199.02	195.35	194.49	193.37	193.00	192.68	192.48	
13	192.93	192.82	193.75	195.34	196.73	199.03	195.27	194.46	193.35	192.99	192.67	192.52	
14	194.02	193.24	194.85	196.15	195.87	198.92	195.23	194.21	193.33	192.99	192.66	192.51	
15	193.41	193.42	194.94	197.16	195.32	198.68	195.39	194.20	193.23	192.99	192.66	192.52	
16	193.23	193.10	193.97	196.56	196.02	198.48	195.34	194.41	193.26	192.98	192.79	192.47	
17	193.10	193.01	195.93	194.97	195.80	198.05	195.07	194.11	193.24	192.96	192.77	192.44	
18	193.06	192.95	196.73	194.19	195.37	197.89	194.92	193.94	193.23	192.95	192.75	192.45	
19	193.06	193.06	196.84	193.79	196.92	198.51	194.72	193.86	193.23	192.93	192.65	192.70	
20	193.05	193.41	196.65	193.62	198.47	199.26	194.60	193.81	193.21	192.91	192.69	192.94	
21	193.13	194.39	196.26	193.88	198.81	199.18	194.51	193.76	193.19	192.89	192.81	194.38	
22	193.27	194.09	196.09	194.65	198.52	199.30	194.38	193.72	193.19	192.88	192.98	193.39	
23	193.78	193.68	195.82	195.80	199.04	199.10	194.26	193.66	193.19	192.87	192.82	193.32	
24	193.40	194.25	196.76	195.95	198.55	198.98	194.22	193.64	193.18	192.86	192.75	193.30	
25	193.35	193.53	197.74	196.25	197.25	198.91	194.18	193.63	193.18	192.86	192.69	193.32	
26	193.06	193.16	197.01	196.72	197.25	198.60	194.12	193.63	193.17	192.87	192.66	193.29	
27	193.16	193.05	195.20	197.26	196.53	198.46	194.11	193.60	193.17	192.88	192.62	193.27	
28	193.24	192.95	194.08	197.27	195.21	198.24	194.03	193.55	193.17	192.87	192.58	193.25	
29	193.35	192.90	193.67	197.07	194.99	198.09	194.19	193.62	193.17	192.87		193.24	
30	193.32	192.91	193.08	196.74	194.80	197.93	194.39	193.52	193.18	192.86		193.30	
31		194.24		196.47	194.75		194.17		193.18	192.85		193.46	
Mean	193.20	193.20	194.70	195.00	196.35	198.21	195.55	194.04	193.33	192.96	192.74	192.84	
Max	194.02	194.39	197.74	197.27	199.04	199.30	198.80	194.77	193.69	193.12	192.98	194.38	199.30
Min	192.89	192.77	193.08	193.18	194.61	195.56	194.03	193.52	193.17	192.85	192.58	192.44	192.44
Annual Max Momentary Gage Height	199.37		m. (MSL.) ,				at 06.00 Hours , on Sep 22 , 2005						
Zero Gage at Bottom Elevation	191.88		m. (MSL.) ,			River Bed	191.78	m. (MSL.)					
Left Bank Elevation	199.91		m. (MSL.) ,										
Right Bank Elevation	199.98		m. (MSL.) ,			Drainage Are	1,710	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.45	5.70	26.50	6.40	36.20	38.20	141.00	14.25	8.60	4.20	2.30	0.80		
2	3.30	4.60	12.87	4.80	34.30	39.80	128.25	13.50	8.50	3.80	2.25	0.75		
3	8.70	3.60	8.00	7.30	42.00	47.20	120.00	13.00	8.10	3.80	2.20	0.65		
4	7.50	2.80	5.20	9.60	59.00	76.28	111.60	15.88	9.80	3.90	2.10	0.55		
5	4.40	2.45	6.50	10.80	59.25	88.10	87.55	16.75	9.90	3.80	1.90	0.55		
6	3.80	2.35	8.00	18.10	59.00	85.07	68.50	17.95	8.30	3.70	1.80	0.50		
7	4.00	2.30	6.40	25.30	55.75	85.90	66.25	19.90	7.90	3.50	1.80	0.25		
8	3.20	2.25	4.70	16.00	35.80	87.55	58.00	23.65	7.60	3.30	1.70	0.20		
9	2.80	2.20	5.20	10.00	26.80	123.60	48.20	24.55	7.40	3.20	1.60	0.20		
10	2.65	2.15	4.50	8.50	22.15	190.50	43.40	20.05	7.20	3.20	1.55	0.25		
11	2.50	2.05	4.40	8.50	50.00	188.60	38.60	17.35	6.90	3.00	1.40	0.25		
12	2.45	1.85	5.10	8.70	70.00	165.80	34.13	20.35	6.70	3.00	1.40	0.40		
13	2.65	2.10	10.50	33.95	64.25	167.70	32.73	19.90	6.50	2.95	1.35	0.60		
14	13.75	5.40	25.75	50.00	44.40	153.60	32.02	16.15	6.30	2.95	1.30	0.55		
15	7.10	7.20	27.10	75.00	33.60	132.00	34.83	16.00	5.30	2.95	1.30	0.60		
16	5.30	4.00	13.13	60.00	47.40	118.80	33.95	19.15	5.60	2.90	1.95	0.35		
17	4.00	3.10	45.60	27.55	43.00	100.75	29.23	14.88	5.40	2.80	1.85	0.20		
18	3.60	2.75	64.25	15.88	34.48	95.42	26.80	12.75	5.30	2.75	1.75	0.25		
19	3.60	3.60	67.00	10.90	69.00	120.60	23.80	11.75	5.30	2.65	1.25	1.50		
20	3.50	7.10	62.25	9.20	118.20	218.60	22.00	11.12	5.10	2.55	1.45	2.70		
21	4.30	18.85	52.50	12.00	142.05	196.20	20.65	10.60	4.90	2.45	2.05	18.70		
22	5.70	14.62	48.80	22.75	121.20	231.00	18.70	10.20	4.90	2.40	2.90	6.90		
23	10.80	9.80	43.40	43.00	169.60	181.00	16.90	9.60	4.90	2.35	2.10	6.20		
24	7.00	16.75	65.00	46.00	123.00	159.90	16.30	9.40	4.80	2.30	1.75	6.00		
25	6.50	8.30	90.85	52.25	77.38	152.55	15.75	9.30	4.80	2.30	1.45	6.20		
26	3.60	4.60	71.25	64.00	77.38	126.00	15.00	9.30	4.70	2.35	1.30	5.90		
27	4.60	3.50	31.50	77.65	59.25	117.60	14.88	9.00	4.70	2.40	1.10	5.70		
28	5.40	2.75	14.50	77.93	31.68	107.60	13.87	8.50	4.70	2.35	0.90	5.50		
29	6.50	2.50	9.70	72.75	27.85	102.15	15.88	9.20	4.70	2.35		5.40		
30	6.20	2.55	3.80	64.50	25.00	96.72	18.85	8.20	4.80	2.30		6.00		
31		16.60		57.75	24.25		15.63		4.80	2.25		7.60		
Total	151.85	170.37	844.25	1007.06	1883.22	3794.79	1363.25	432.18	194.40	90.70	47.75	92.20	10072.02	CMSDAY
Mean	5.06	5.50	28.14	32.49	60.75	126.49	43.98	14.41	6.27	2.93	1.71	2.97	27.59	CMS
Max	13.75	18.85	90.85	77.93	169.60	231.00	141.00	24.55	9.90	4.20	2.90	18.70	231.00	CMS
Min	2.45	1.85	3.80	4.80	22.15	38.20	13.87	8.20	4.70	2.25	0.90	0.20	0.20	CMS
Runoff	13.12	14.72	72.94	87.01	162.71	327.87	117.79	37.34	16.80	7.84	4.13	7.97	870.22	MCM
Momentary Peak		252.70	CMS.		at 199.37 m. (MSL.)			on Sep 22, 2005						
Runoff Yield		16.14	Liters/Second/Square KM.			Momentary Peak Yield	147.778	Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Khwaeng Noi River at Ban Nong Bon, Phitsanulok (N.40)

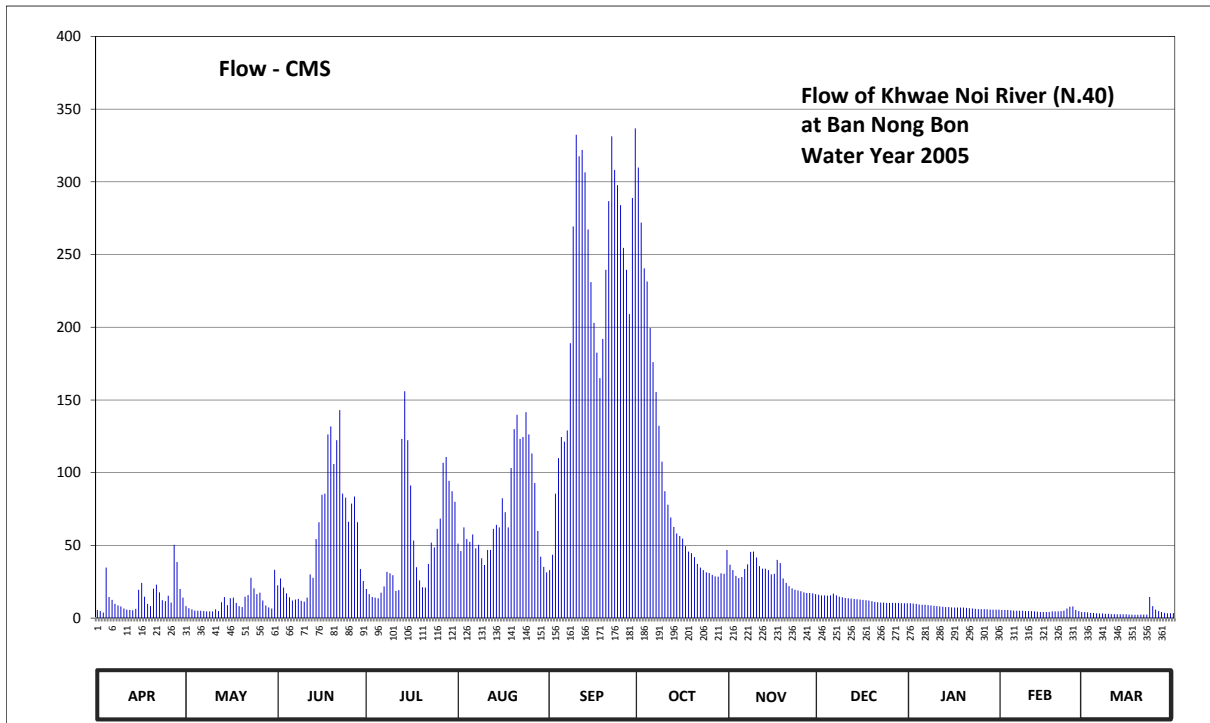
Lat 17 - 13 - 07 N Long 100 - 21 - 14 E

Location : on left bank about 2 kilometers upstream, Ban Nong Bon.

	Ban Nong Bon	Amphoe Wat Bot	Changwat Phitsanulok
Drainage Area	4,264 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+47.450 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.	Elevation	+61.392 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1967 -1968, 1972 to date.		
Rating Operation			
Period of Rating	1977 to date.		
Rated by Flot	-		
Rated by Current Meter	1977 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 71 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	48.08	48.21	48.82	48.72	49.91	49.24	55.47	49.39	48.56	48.30	48.08	48.01	
2	48.04	48.14	49.01	48.58	49.73	49.64	54.77	49.24	48.54	48.29	48.08	48.00	
3	47.99	48.10	48.76	48.49	50.24	50.84	54.17	49.08	48.54	48.28	48.08	47.98	
4	49.31	48.06	48.60	48.47	50.01	51.45	53.99	49.02	48.53	48.26	48.07	47.97	
5	48.49	48.05	48.48	48.45	49.95	51.79	53.35	49.05	48.54	48.25	48.06	47.96	
6	48.40	48.05	48.38	48.62	50.10	51.72	52.88	49.27	48.59	48.25	48.05	47.95	
7	48.28	48.04	48.41	48.79	49.80	51.89	52.47	49.40	48.54	48.24	48.05	47.95	
8	48.23	48.03	48.43	49.19	49.88	53.14	51.96	49.71	48.50	48.23	48.05	47.94	
9	48.20	48.03	48.37	49.15	49.55	54.72	51.39	49.72	48.48	48.22	48.04	47.94	
10	48.13	48.03	48.35	49.10	49.38	55.88	50.88	49.57	48.46	48.21	48.04	47.93	
11	48.09	48.10	48.47	48.67	49.76	55.61	50.65	49.35	48.45	48.20	48.04	47.93	
12	48.08	48.04	49.12	48.69	49.76	55.69	50.43	49.28	48.44	48.19	48.03	47.92	
13	48.07	48.33	49.03	51.76	50.21	55.41	50.25	49.28	48.43	48.18	48.02	47.92	
14	48.12	48.49	50.01	52.48	50.29	54.68	50.12	49.24	48.42	48.18	48.01	47.92	
15	48.70	48.24	50.34	51.74	50.24	53.98	50.07	49.12	48.41	48.17	48.01	47.92	
16	48.89	48.45	50.82	50.98	50.76	53.42	50.02	49.14	48.40	48.16	48.01	47.91	
17	48.50	48.47	50.84	49.98	50.52	53.01	49.85	49.51	48.39	48.16	48.01	47.91	
18	48.28	48.31	51.83	49.32	50.24	52.66	49.72	49.43	48.38	48.16	48.03	47.90	
19	48.21	48.21	51.95	48.96	51.28	53.20	49.68	49.01	48.36	48.16	48.03	47.90	
20	48.73	48.18	51.35	48.77	51.91	54.15	49.58	48.89	48.34	48.15	48.03	47.91	
21	48.84	48.50	51.74	48.76	52.13	55.05	49.41	48.80	48.33	48.14	48.04	47.91	
22	48.63	48.55	52.20	49.41	51.76	55.86	49.31	48.74	48.32	48.13	48.06	47.91	
23	48.39	49.03	50.84	49.93	51.79	55.44	49.24	48.70	48.32	48.12	48.13	48.49	
24	48.36	48.74	50.77	49.82	52.17	55.25	49.18	48.68	48.31	48.11	48.19	48.21	
25	48.53	48.58	50.35	50.21	51.83	55.00	49.16	48.66	48.31	48.11	48.20	48.09	
26	48.32	48.62	50.67	50.41	51.53	54.44	49.11	48.63	48.31	48.11	48.08	48.04	
27	49.88	48.38	50.79	51.37	51.02	54.15	49.07	48.61	48.31	48.10	48.04	48.01	
28	49.46	48.23	50.34	51.47	50.17	53.54	49.06	48.61	48.31	48.09	48.01	47.98	
29	48.72	48.17	49.27	51.06	49.59	55.09	49.15	48.60	48.30	48.09		47.96	
30	48.47	48.13	48.94	50.88	49.33	55.96	49.14	48.58	48.30	48.09		47.96	
31		49.25		50.70	49.18		49.76		48.30	48.09		47.97	
Mean	48.48	48.31	49.84	49.77	50.45	53.73	50.75	49.08	48.41	48.17	48.06	47.98	
Max	49.88	49.25	52.20	52.48	52.17	55.96	55.47	49.72	48.59	48.30	48.20	48.49	55.96
Min	47.99	48.03	48.35	48.45	49.18	49.24	49.06	48.58	48.30	48.09	48.01	47.90	47.90
Annual Max Momentary Gage Height	56.18		m. (MSL.) ,			at 24.00 Hours ,		on Sep 30 , 2005					
Zero Gage at Bottom Elevation	47.45		m. (MSL.) ,			River Bed	46.56	m. (MSL.)					
Left Bank Elevation		60.88		m. (MSL.) ,									
Right Bank Elevation		59.64		m. (MSL.) ,		Drainage Are	4,264	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.60	8.22	22.50	20.00	51.30	33.00	309.85	36.75	16.10	10.25	5.60	4.20		
2	4.80	6.80	27.25	16.55	46.07	43.60	271.93	33.00	15.65	10.03	5.60	4.00		
3	3.83	6.00	21.00	14.53	62.40	85.60	240.50	29.00	15.65	9.80	5.60	3.65		
4	34.75	5.20	17.00	14.08	54.35	110.00	231.50	27.50	15.42	9.35	5.40	3.48		
5	14.53	5.00	14.30	13.63	52.50	124.55	199.50	28.25	15.65	9.12	5.20	3.30		
6	12.50	5.00	12.05	17.50	57.50	121.40	176.00	33.75	16.78	9.12	5.00	3.13		
7	9.80	4.80	12.73	21.75	48.00	129.05	155.50	37.00	15.65	8.90	5.00	3.13		
8	8.67	4.60	13.18	31.75	50.40	189.00	132.20	45.52	14.75	8.67	5.00	2.95		
9	8.00	4.60	11.82	30.75	41.12	269.30	107.60	45.80	14.30	8.45	4.80	2.95		
10	6.60	4.60	11.37	29.50	36.50	332.40	87.20	41.67	13.85	8.22	4.80	2.78		
11	5.80	6.00	14.08	18.75	46.90	317.55	78.00	35.75	13.63	8.00	4.80	2.78		
12	5.60	4.80	30.00	19.25	46.90	321.95	69.20	34.00	13.40	7.80	4.60	2.60		
13	5.40	10.93	27.75	123.20	61.35	306.55	62.75	34.00	13.18	7.60	4.40	2.60		
14	6.40	14.53	54.35	156.00	64.15	267.20	58.20	33.00	12.95	7.60	4.20	2.60		
15	19.50	8.90	65.90	122.30	62.40	231.00	56.45	30.00	12.73	7.40	4.20	2.60		
16	24.25	13.63	84.80	91.20	82.40	203.00	54.70	30.50	12.50	7.20	4.20	2.43		
17	14.75	14.08	85.60	53.40	72.80	182.50	49.50	40.02	12.27	7.20	4.20	2.43		
18	9.80	10.48	126.35	35.00	62.40	165.00	45.80	37.82	12.05	7.20	4.60	2.25		
19	8.22	8.22	131.75	26.00	103.20	192.00	44.70	27.25	11.60	7.20	4.60	2.25		
20	20.25	7.60	106.00	21.25	129.95	239.50	41.95	24.25	11.15	7.00	4.60	2.43		
21	23.00	14.75	122.30	21.00	139.85	286.75	37.27	22.00	10.93	6.80	4.80	2.43		
22	17.75	15.88	143.00	37.27	123.20	331.30	34.75	20.50	10.70	6.60	5.20	2.43		
23	12.27	27.75	85.60	51.90	124.55	308.20	33.00	19.50	10.70	6.40	6.60	14.53		
24	11.60	20.50	82.80	48.60	141.65	297.75	31.50	19.00	10.48	6.20	7.80	8.22		
25	15.42	16.55	66.25	61.35	126.35	284.00	31.00	18.50	10.48	6.20	8.00	5.80		
26	10.70	17.50	78.80	68.40	113.20	254.60	29.75	17.75	10.48	6.20	5.60	4.80		
27	50.40	12.05	83.60	106.80	92.80	239.50	28.75	17.25	10.48	6.00	4.80	4.20		
28	38.65	8.67	65.90	110.80	59.95	209.00	28.50	17.25	10.48	5.80	4.20	3.65		
29	20.00	7.40	33.75	94.40	42.22	288.95	30.75	17.00	10.25	5.80	4.20	3.30		
30	14.08	6.60	25.50	87.20	35.25	336.80	30.50	16.55	10.25	5.80	4.20	3.30		
31		33.25		80.00	31.50		46.90		10.25	5.80		3.48		
Total	442.92	334.89	1677.28	1644.11	2263.11	6701.00	2835.70	870.13	394.74	233.71	143.40	114.68	17655.67	CMSDAY
Mean	14.76	10.80	55.91	53.04	73.00	223.37	91.47	29.00	12.73	7.54	5.12	3.70	48.37	CMS
Max	50.40	33.25	143.00	156.00	141.65	336.80	309.85	45.80	16.78	10.25	8.00	14.53	336.80	CMS
Min	3.83	4.60	11.37	13.63	31.50	33.00	28.50	16.55	10.25	5.80	4.20	2.25	2.25	CMS
Runoff	38.27	28.93	144.92	142.05	195.53	578.97	245.00	75.18	34.11	20.19	12.39	9.91	1525.45	MCM
Momentary Peak	348.90 CMS. at 56.18 m. (MSL.) at 24.00 Hours , on Sep 30, 2005													
Runoff Yield	11.34 Liters/Second/Square KM.			Momentary Peak Yield				81.825 Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Nam Yao at Ban Nam Yao , Nan (N.49)

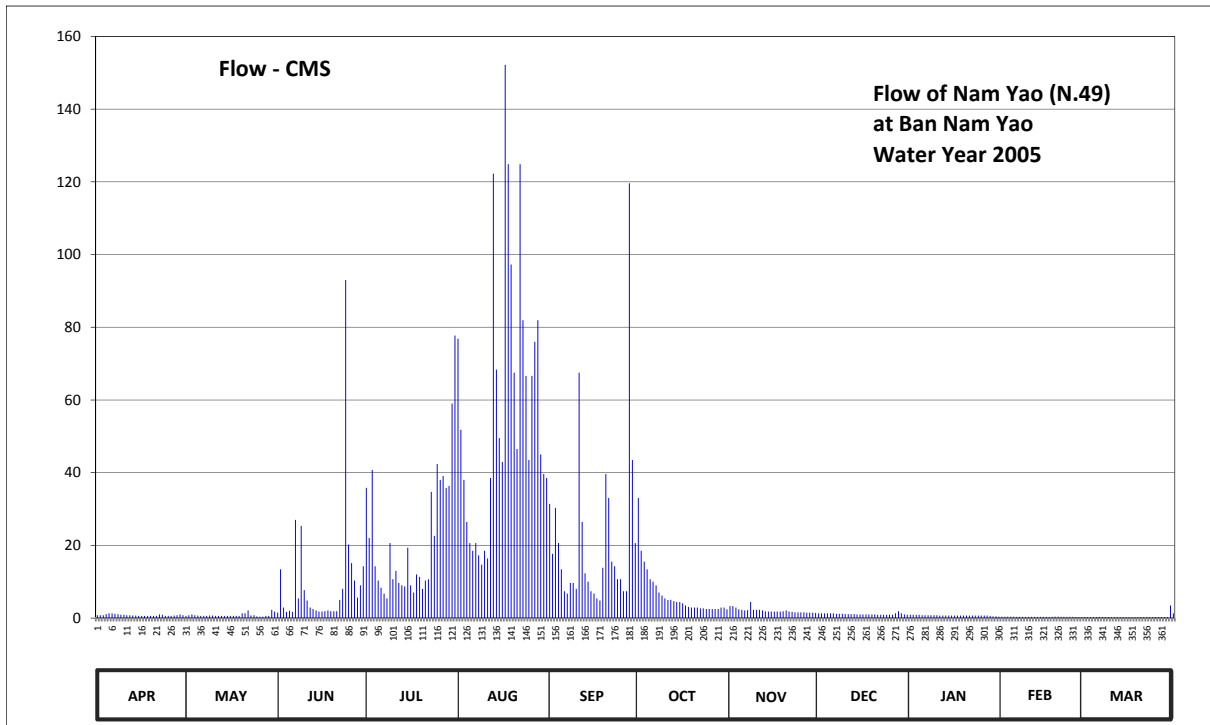
Lat 18 - 59 - 33 N Long 100 - 56 - 36 E

Location : on right bank downstream of the bridge of Nam Yao, along Pua - Sila Phet Road.

	Ban Nam Yao	Amphoe Pua	Changwat Nan
Drainage Area	153 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+263.983 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 15 meters from the top staff gage.	Elevation	+270.035 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1979 to date		
Rated by Flot	-		
Rated by Current Meter	1979 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	265.23	265.21	265.30	266.26	266.81	266.18	266.21	265.44	265.28	265.24	265.16	265.14	
2	265.23	265.23	265.81	266.01	266.51	265.91	265.93	265.44	265.28	265.24	265.16	265.14	
3	265.23	265.25	265.42	266.35	266.30	266.16	265.86	265.42	265.28	265.24	265.16	265.14	
4	265.26	265.23	265.32	265.83	266.09	265.98	265.81	265.39	265.28	265.24	265.16	265.14	
5	265.28	265.22	265.35	265.72	265.98	265.81	265.73	265.38	265.28	265.23	265.16	265.14	
6	265.28	265.21	265.32	265.66	265.93	265.63	265.71	265.36	265.28	265.23	265.15	265.13	
7	265.27	265.21	266.10	265.61	265.98	265.61	265.68	265.37	265.27	265.23	265.15	265.13	
8	265.26	265.21	265.55	265.55	265.90	265.70	265.62	265.50	265.27	265.23	265.15	265.13	
9	265.24	265.22	266.07	265.98	265.84	265.70	265.59	265.38	265.27	265.23	265.15	265.13	
10	265.24	265.22	265.64	265.73	265.93	265.65	265.55	265.38	265.26	265.23	265.15	265.13	
11	265.23	265.21	265.52	265.80	265.88	266.70	265.53	265.38	265.26	265.22	265.15	265.13	
12	265.23	265.21	265.42	265.70	266.31	266.09	265.53	265.36	265.26	265.22	265.15	265.13	
13	265.22	265.21	265.40	265.68	267.34	265.78	265.51	265.34	265.26	265.22	265.15	265.12	
14	265.22	265.21	265.36	265.67	266.71	265.71	265.50	265.33	265.25	265.22	265.15	265.12	
15	265.21	265.21	265.33	265.95	266.48	265.63	265.50	265.33	265.25	265.22	265.15	265.12	
16	265.21	265.21	265.33	265.68	266.39	265.61	265.48	265.33	265.25	265.22	265.15	265.12	
17	265.21	265.21	265.34	265.62	267.66	265.55	265.45	265.33	265.25	265.22	265.14	265.12	
18	265.21	265.21	265.36	265.77	267.37	265.52	265.43	265.33	265.25	265.22	265.15	265.12	
19	265.21	265.21	265.34	265.75	267.05	265.82	265.42	265.34	265.25	265.22	265.17	265.12	
20	265.21	265.28	265.34	265.65	266.70	266.33	265.42	265.36	265.25	265.22	265.16	265.13	
21	265.21	265.28	265.34	265.72	266.44	266.21	265.42	265.33	265.24	265.22	265.15	265.13	
22	265.25	265.36	265.53	265.73	267.37	265.86	265.41	265.32	265.24	265.22	265.15	265.13	
23	265.24	265.22	265.65	266.24	266.87	265.83	265.41	265.31	265.24	265.22	265.15	265.13	
24	265.21	265.23	267.00	266.02	266.69	265.73	265.40	265.31	265.24	265.22	265.15	265.13	
25	265.21	265.19	265.97	266.38	266.40	265.73	265.40	265.31	265.24	265.22	265.15	265.13	
26	265.21	265.16	265.85	266.30	266.69	265.63	265.40	265.31	265.24	265.22	265.14	265.13	
27	265.22	265.16	265.72	266.32	266.80	265.63	265.40	265.30	265.28	265.22	265.13	265.13	
28	265.23	265.21	265.56	266.26	266.87	267.31	265.40	265.30	265.34	265.21	265.13	265.13	
29	265.25	265.21	265.68	266.27	266.42	266.40	265.42	265.30	265.28	265.20	265.13	265.13	
30	265.23	265.38	265.83	266.60	266.33	265.98	265.42	265.29	265.25	265.19	265.15	265.12	
31		265.33		266.82	266.31		265.39		265.24	265.17		265.12	
Mean	265.23	265.23	265.59	265.96	266.53	265.91	265.55	265.35	265.26	265.22	265.15	265.14	
Max	265.28	265.38	267.00	266.82	267.66	267.31	266.21	265.50	265.34	265.24	265.17	265.15	267.66
Min	265.21	265.16	265.30	265.55	265.84	265.52	265.39	265.29	265.24	265.17	265.13	265.12	265.12
Annual Max Momentary Gage Height	268.18		m. (MSL.) ,				at 06.00 Hours ,		on Aug 22 , 2005				
Zero Gage at Bottom Elevation	263.98		m. (MSL.) ,				River Bed	264.00	m. (MSL.)				
Left Bank Elevation		275.17		m. (MSL.) ,									
Right Bank Elevation		275.22		m. (MSL.) ,			Drainage Are	153	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	0.60	1.50	35.80	76.85	31.40	33.05	3.28	1.30	0.90	0.38	0.32	
2	0.80	0.80	13.43	22.05	51.80	17.68	18.52	3.28	1.30	0.90	0.38	0.32	
3	0.80	1.00	2.89	40.75	38.00	30.30	15.55	2.89	1.30	0.90	0.38	0.32	
4	1.10	0.80	1.70	14.27	26.45	20.65	13.43	2.40	1.30	0.90	0.38	0.32	
5	1.30	0.70	2.00	10.36	20.65	13.43	10.69	2.30	1.30	0.80	0.38	0.32	
6	1.30	0.60	1.70	8.38	18.52	7.39	10.03	2.10	1.30	0.80	0.35	0.29	
7	1.20	0.60	27.00	6.73	20.65	6.73	9.04	2.20	1.20	0.80	0.35	0.29	
8	1.10	0.60	5.42	5.42	17.25	9.70	7.06	4.45	1.20	0.80	0.35	0.29	
9	0.90	0.70	25.35	20.65	14.70	9.70	6.20	2.30	1.20	0.80	0.35	0.29	
10	0.90	0.70	7.72	10.69	18.52	8.05	5.42	2.30	1.10	0.80	0.35	0.29	
11	0.80	0.60	4.84	13.00	16.40	67.50	5.03	2.30	1.10	0.70	0.35	0.29	
12	0.80	0.60	2.89	9.70	38.55	26.45	5.03	2.10	1.10	0.70	0.35	0.29	
13	0.70	0.60	2.50	9.04	122.25	12.34	4.65	1.90	1.10	0.70	0.35	0.26	
14	0.70	0.60	2.10	8.71	68.35	10.03	4.45	1.80	1.00	0.70	0.35	0.26	
15	0.60	0.60	1.80	19.38	49.50	7.39	4.45	1.80	1.00	0.70	0.35	0.26	
16	0.60	0.60	1.80	9.04	42.95	6.73	4.06	1.80	1.00	0.70	0.35	0.26	
17	0.60	0.60	1.90	7.06	152.20	5.42	3.48	1.80	1.00	0.70	0.32	0.26	
18	0.60	0.60	2.10	12.01	124.87	4.84	3.08	1.80	1.00	0.70	0.35	0.26	
19	0.60	0.60	1.90	11.35	97.25	13.85	2.89	1.90	1.00	0.70	0.41	0.26	
20	0.60	1.30	1.90	8.05	67.50	39.65	2.89	2.10	1.00	0.70	0.38	0.29	
21	0.60	1.30	1.90	10.36	46.50	33.05	2.89	1.80	0.90	0.70	0.35	0.29	
22	1.00	2.10	5.03	10.69	124.87	15.55	2.70	1.70	0.90	0.70	0.35	0.29	
23	0.90	0.70	8.05	34.70	81.95	14.27	2.70	1.60	0.90	0.70	0.35	0.29	
24	0.60	0.80	93.00	22.60	66.65	10.69	2.50	1.60	0.90	0.70	0.35	0.29	
25	0.60	0.47	20.23	42.40	43.50	10.69	2.50	1.60	0.90	0.70	0.35	0.29	
26	0.60	0.38	15.13	38.00	66.65	7.39	2.50	1.60	0.90	0.70	0.32	0.29	
27	0.70	0.38	10.36	39.10	76.00	7.39	2.50	1.50	1.30	0.70	0.29	0.29	
28	0.80	0.60	5.62	35.80	81.95	119.62	2.50	1.50	1.90	0.60	0.29	0.29	
29	1.00	0.60	9.04	36.35	45.00	43.50	2.89	1.50	1.30	0.50	0.29	0.29	
30	0.80	2.30	14.27	59.00	39.65	20.65	2.89	1.40	1.00	0.47	0.29	3.48	
31		1.80		77.70	38.55		2.40		0.90	0.41		1.30	
Total	24.40	25.23	295.07	689.14	1794.48	632.03	197.97	62.60	34.60	22.28	9.86	13.13	3800.79 CMSDAY
Mean	0.81	0.81	9.84	22.23	57.89	21.07	6.39	2.09	1.12	0.72	0.35	0.42	10.41 CMS
Max	1.30	2.30	93.00	77.70	152.20	119.62	33.05	4.45	1.90	0.90	0.41	3.48	152.20 CMS
Min	0.60	0.38	1.50	5.42	14.70	4.84	2.40	1.40	0.90	0.41	0.29	0.26	0.26 CMS
Runoff	2.11	2.18	25.49	59.54	155.04	54.61	17.11	5.41	2.99	1.93	0.85	1.13	328.39 MCM
Momentary Peak	201.60	CMS.	at 268.18 m. (MSL.)	at 06.00 Hours	on Aug 22, 2005								
Runoff Yield	67.87	Liters/Second/Square KM.		Momentary Peak Yield	1313.954	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Klong Wang Pong at Ban Wang Pong , Phetchabun (N.54)

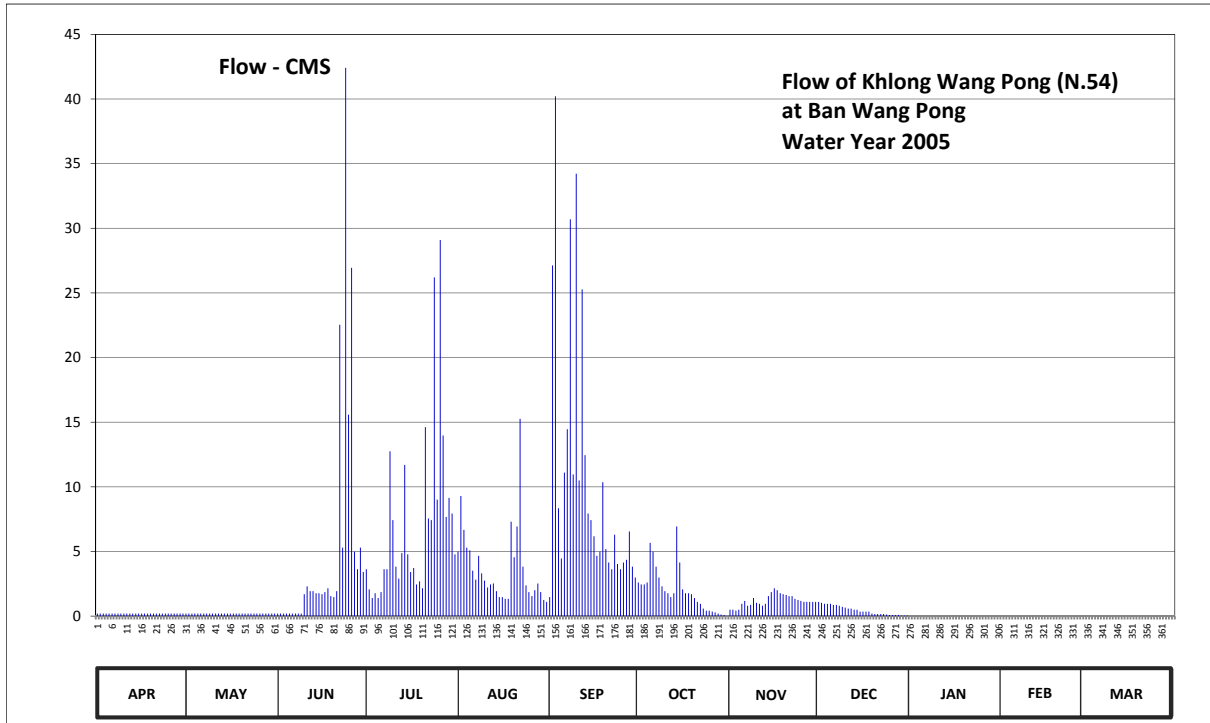
Lat 16 - 19 - 34 N Long 100 - 48 - 17 E

Location : on left bank at the bridge on road.

	Ban Wang Pong	Amphoe Chon Dan	Changwat Phetchabun
Drainage Area	174 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+104.350 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation	+107.656 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1982 to date.		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	104.00	104.00	104.00	104.44	104.57	104.17	104.32	104.04	104.12	103.95	103.80	103.81	
2	104.00	104.00	104.00	104.25	104.91	105.98	104.30	104.04	104.11	103.95	103.80	103.81	
3	104.00	104.00	104.00	104.16	104.71	106.61	104.30	104.03	104.10	103.94	103.80	103.81	
4	104.00	104.00	104.00	104.21	104.60	104.84	104.32	104.04	104.10	103.94	103.80	103.81	
5	104.00	104.00	104.00	104.16	104.58	104.52	104.63	104.10	104.10	103.94	103.80	103.81	
6	104.00	104.00	104.00	104.22	104.43	105.04	104.57	104.13	104.09	103.93	103.80	103.81	
7	104.00	104.00	104.00	104.44	104.35	105.26	104.46	104.08	104.09	103.93	103.80	103.81	
8	104.00	104.00	104.00	104.44	104.54	106.16	104.37	104.09	104.08	103.93	103.80	103.81	
9	104.00	104.00	104.00	105.15	104.41	105.03	104.28	104.16	104.07	103.92	103.80	103.81	
10	104.00	104.00	104.20	104.77	104.34	106.33	104.23	104.11	104.06	103.92	103.80	103.81	
11	104.00	104.00	104.28	104.46	104.27	105.00	104.21	104.10	104.05	103.91	103.79	103.81	
12	104.00	104.00	104.23	104.36	104.30	105.88	104.17	104.08	104.05	103.91	103.79	103.81	
13	104.00	104.00	104.23	104.56	104.31	105.13	104.21	104.10	104.04	103.90	103.79	103.81	
14	104.00	104.00	104.21	105.08	104.23	104.81	104.73	104.18	104.04	103.90	103.79	103.81	
15	104.00	104.00	104.21	104.55	104.17	104.77	104.49	104.22	104.02	103.89	103.79	103.81	
16	104.00	104.00	104.20	104.42	104.17	104.67	104.25	104.26	104.02	103.89	103.79	103.81	
17	104.00	104.00	104.22	104.45	104.15	104.54	104.21	104.24	104.02	103.89	103.79	103.81	
18	104.00	104.00	104.26	104.30	104.15	104.57	104.21	104.21	104.02	103.88	103.79	103.81	
19	104.00	104.00	104.18	104.33	104.76	104.99	104.20	104.20	104.00	103.85	103.79	103.81	
20	104.00	104.00	104.17	104.26	104.53	104.59	104.16	104.19	103.99	103.85	103.79	103.81	
21	104.00	104.00	104.23	105.27	104.73	104.49	104.12	104.18	103.99	103.85	103.78	103.81	
22	104.00	104.00	105.73	104.78	105.31	104.44	104.10	104.18	103.99	103.85	103.78	103.81	
23	104.00	104.00	104.60	104.77	104.46	104.68	104.05	104.15	103.99	103.85	103.78	103.81	
24	104.00	104.00	106.71	105.93	104.29	104.48	104.03	104.14	103.98	103.85	103.78	103.81	
25	104.00	104.00	105.33	104.89	104.22	104.44	104.03	104.13	103.97	103.85	103.78	103.81	
26	104.00	104.00	105.97	106.08	104.18	104.49	104.02	104.12	103.97	103.84	103.78	103.81	
27	104.00	104.00	104.57	105.23	104.24	104.51	104.01	104.12	103.97	103.84	103.78	103.81	
28	104.00	104.00	104.44	104.79	104.31	104.70	104.00	104.12	103.97	103.84	103.78	103.81	
29	104.00	104.00	104.60	104.90	104.22	104.46	103.98	104.12	103.96	103.83		103.81	
30	104.00	104.00	104.42	104.81	104.14	104.37	103.97	104.12	103.96	103.83		103.81	
31		104.00		104.55	104.12		103.95		103.96	103.83		103.81	
Mean	104.00	104.00	104.43	104.68	104.41	104.93	104.22	104.13	104.03	103.89	103.79	103.81	
Max	104.00	104.00	106.71	106.08	105.31	106.61	104.73	104.26	104.12	103.95	103.80	103.81	106.71
Min	104.00	104.00	104.00	104.16	104.12	104.17	103.95	104.03	103.96	103.83	103.78	103.81	103.78
Annual Max Momentary Gage Height	108.15		m. (MSL.) ,				at 12.00 Hours ,						on Jun 24 , 2005
Zero Gage at Bottom Elevation	104.35		m. (MSL.) ,			River Bed	103.72		m. (MSL.)				
Left Bank Elevation		109.42		m. (MSL.) ,									
Right Bank Elevation		109.72		m. (MSL.) ,		Drainage Are	174		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.20	0.20	3.62	4.99	1.47	2.60	0.50	1.10	0.00	0.00	0.00	
2	0.20	0.20	0.20	2.07	9.29	27.13	2.45	0.50	1.03	0.00	0.00	0.00	
3	0.20	0.20	0.20	1.40	6.67	40.22	2.45	0.42	0.95	0.00	0.00	0.00	
4	0.20	0.20	0.20	1.77	5.30	8.34	2.60	0.50	0.95	0.00	0.00	0.00	
5	0.20	0.20	0.20	1.40	5.09	4.46	5.67	0.95	0.95	0.00	0.00	0.00	
6	0.20	0.20	0.20	1.85	3.51	11.10	4.99	1.17	0.87	0.00	0.00	0.00	
7	0.20	0.20	0.20	3.62	2.82	14.46	3.83	0.80	0.87	0.00	0.00	0.00	
8	0.20	0.20	0.20	3.62	4.67	30.70	2.98	0.87	0.80	0.00	0.00	0.00	
9	0.20	0.20	0.20	12.75	3.31	10.95	2.30	1.40	0.72	0.00	0.00	0.00	
10	0.20	0.20	1.70	7.42	2.75	34.23	1.93	1.03	0.65	0.00	0.00	0.00	
11	0.20	0.20	2.30	3.83	2.22	10.50	1.77	0.95	0.58	0.00	0.00	0.00	
12	0.20	0.20	1.93	2.90	2.45	25.28	1.47	0.80	0.58	0.00	0.00	0.00	
13	0.20	0.20	1.93	4.88	2.52	12.45	1.77	0.95	0.50	0.00	0.00	0.00	
14	0.20	0.20	1.77	11.70	1.93	7.93	6.93	1.55	0.50	0.00	0.00	0.00	
15	0.20	0.20	1.77	4.78	1.47	7.42	4.14	1.85	0.35	0.00	0.00	0.00	
16	0.20	0.20	1.70	3.41	1.47	6.17	2.07	2.15	0.35	0.00	0.00	0.00	
17	0.20	0.20	1.85	3.72	1.33	4.67	1.77	2.00	0.35	0.00	0.00	0.00	
18	0.20	0.20	2.15	2.45	1.33	4.99	1.77	1.77	0.35	0.00	0.00	0.00	
19	0.20	0.20	1.55	2.68	7.30	10.36	1.70	1.70	0.20	0.00	0.00	0.00	
20	0.20	0.20	1.47	2.15	4.56	5.19	1.40	1.63	0.16	0.00	0.00	0.00	
21	0.20	0.20	1.93	14.62	6.93	4.14	1.10	1.55	0.16	0.00	0.00	0.00	
22	0.20	0.20	22.54	7.55	15.26	3.62	0.95	1.55	0.16	0.00	0.00	0.00	
23	0.20	0.20	5.30	7.42	3.83	6.30	0.58	1.33	0.16	0.00	0.00	0.00	
24	0.20	0.20	42.42	26.20	2.37	4.04	0.42	1.25	0.12	0.00	0.00	0.00	
25	0.20	0.20	15.58	9.01	1.85	3.62	0.42	1.17	0.08	0.00	0.00	0.00	
26	0.20	0.20	26.95	29.10	1.55	4.14	0.35	1.10	0.08	0.00	0.00	0.00	
27	0.20	0.20	4.99	13.98	2.00	4.36	0.28	1.10	0.08	0.00	0.00	0.00	
28	0.20	0.20	3.62	7.67	2.52	6.55	0.20	1.10	0.08	0.00	0.00	0.00	
29	0.20	0.20	5.30	9.15	1.85	3.83	0.12	1.10	0.04	0.00	0.00	0.00	
30	0.20	0.20	3.41	7.93	1.25	2.98	0.08	1.10	0.04	0.00	0.00	0.00	
31	0.20	0.20	4.78	1.10	1.10	1.10	0.00	0.04	0.04	0.00	0.00	0.00	
Total	6.00	6.20	153.96	219.43	115.49	321.60	61.09	35.84	13.85	0.00	0.00	0.00	933.46 CMSDAY
Mean	0.20	0.20	5.13	7.08	3.73	10.72	1.97	1.19	0.45	0.00	0.00	0.00	2.56 CMS
Max	0.20	0.20	42.42	29.10	15.26	40.22	6.93	2.15	1.10	0.00	0.00	0.00	42.42 CMS
Min	0.20	0.20	0.20	1.40	1.10	1.47	0.00	0.42	0.04	0.00	0.00	0.00	0.00 CMS
Runoff	0.52	0.54	13.30	18.96	9.98	27.79	5.28	3.10	1.20	0.00	0.00	0.00	80.65 MCM
Momentary Peak	77.10	CMS.	at 108.15 m. (MSL.)	at 12.00 Hours	, on Jun 24, 2005								
Runoff Yield	14.70	Liters/Second/Square KM.		Momentary Peak Yield	443.103	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Nam Phak at Ban Tha Sakae , Phitsanulok (N.55)

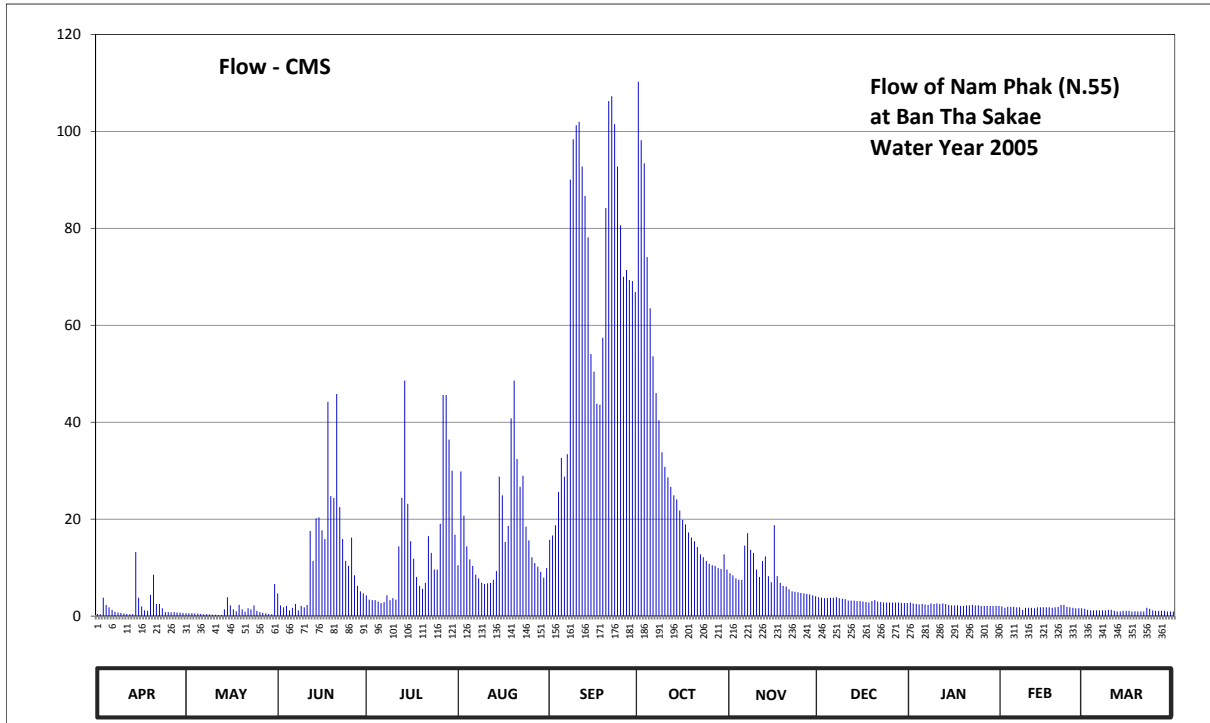
Lat 17 - 15 - 06 N Long 100 - 37 - 53 E

Location : on left bank at the bridge of Nakhon Thai - Chat Trakan Road , Tambon Pa Daeng.

	Ban Tha Sakae	Amphoe Chat Trakan	Changwat Phitsanulok
Drainage Area	971 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+182.830 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 13 meters from the top staff gage.	Elevation +191.414 m. (MSL.)	
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1994 to date		
Rated by Flot	-		
Rated by Current Meter	1994 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	183.31	183.33	183.77	183.73	184.20	184.55	189.03	184.09	183.69	183.58	183.50	183.45	
2	183.30	183.33	183.52	183.64	185.39	184.61	188.54	184.06	183.68	183.56	183.47	183.43	
3	183.68	183.33	183.48	183.63	184.87	184.75	188.33	184.02	183.67	183.55	183.49	183.42	
4	183.53	183.32	183.51	183.63	184.46	185.15	187.47	184.00	183.67	183.54	183.49	183.42	
5	183.48	183.32	183.42	183.60	184.28	185.53	187.00	184.00	183.68	183.55	183.49	183.42	
6	183.43	183.31	183.47	183.57	184.19	185.33	186.56	184.47	183.68	183.54	183.48	183.42	
7	183.38	183.30	183.55	183.59	184.07	185.57	186.20	184.64	183.69	183.53	183.48	183.42	
8	183.36	183.30	183.42	183.73	184.02	188.18	185.92	184.41	183.67	183.56	183.43	183.42	
9	183.34	183.29	183.51	183.63	183.95	188.55	185.59	184.37	183.66	183.55	183.47	183.43	
10	183.32	183.28	183.48	183.67	183.93	188.67	185.44	184.14	183.65	183.56	183.47	183.43	
11	183.31	183.28	183.53	183.64	183.94	188.70	185.32	184.04	183.62	183.55	183.47	183.41	
12	183.30	183.26	184.67	184.46	183.95	188.30	185.21	184.26	183.62	183.56	183.46	183.39	
13	183.30	183.27	184.26	185.08	184.00	188.03	185.11	184.32	183.62	183.55	183.48	183.39	
14	184.38	183.44	184.84	186.33	184.12	187.65	185.06	184.05	183.61	183.53	183.48	183.41	
15	183.68	183.69	184.85	185.01	185.33	186.58	184.93	183.96	183.61	183.52	183.48	183.41	
16	183.50	183.52	184.68	184.53	185.11	186.42	184.82	184.75	183.60	183.52	183.48	183.41	
17	183.42	183.44	184.56	184.29	184.52	186.09	184.76	184.05	183.59	183.52	183.48	183.39	
18	183.41	183.40	186.11	184.04	184.74	186.08	184.65	183.95	183.58	183.51	183.47	183.40	
19	183.74	183.53	185.10	183.90	185.94	186.73	184.58	183.90	183.61	183.51	183.48	183.39	
20	184.07	183.44	185.08	183.85	186.33	187.92	184.53	183.89	183.63	183.52	183.49	183.39	
21	183.55	183.38	186.19	183.95	185.52	188.87	184.45	183.84	183.60	183.52	183.53	183.39	
22	183.55	183.46	184.97	184.60	185.21	188.91	184.35	183.81	183.59	183.53	183.53	183.47	
23	183.46	183.44	184.56	184.37	185.34	188.68	184.31	183.80	183.58	183.52	183.49	183.45	
24	183.37	183.52	184.26	184.14	184.73	188.30	184.26	183.79	183.58	183.52	183.48	183.42	
25	183.37	183.41	184.19	184.14	184.54	187.76	184.22	183.78	183.58	183.51	183.47	183.41	
26	183.36	183.37	184.58	184.77	184.31	187.29	184.20	183.77	183.58	183.51	183.46	183.41	
27	183.37	183.34	184.06	186.18	184.23	187.35	184.19	183.76	183.58	183.51	183.46	183.41	
28	183.36	183.33	183.90	186.18	184.18	187.26	184.16	183.75	183.58	183.51	183.46	183.41	
29	183.35	183.31	183.81	185.72	184.11	187.25	184.15	183.73	183.57	183.51		183.39	
30	183.34	183.30	183.77	185.40	184.03	187.15	184.35	183.71	183.57	183.51		183.39	
31		183.93		184.62	184.16		184.14		183.57	183.51		183.39	
Mean	183.48	183.39	184.24	184.37	184.57	187.07	185.35	184.04	183.62	183.53	183.48	183.41	
Max	184.38	183.93	186.19	186.33	186.33	188.91	189.03	184.75	183.69	183.58	183.53	183.47	189.03
Min	183.30	183.26	183.42	183.57	183.93	184.55	184.14	183.71	183.57	183.51	183.43	183.39	183.26
Annual Max Momentary Gage Height	189.15		m. (MSL.) ,				at 06.00 Hours ,						on Oct 1 , 2005
Zero Gage at Bottom Elevation	182.83		m. (MSL.) ,			River Bed	182.49		m. (MSL.)				
Left Bank Elevation		190.99		m. (MSL.) ,									
Right Bank Elevation		190.19		m. (MSL.) ,		Drainage Are	971		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.47	0.59	4.70	4.30	10.50	15.75	110.25	8.85	3.90	2.80	2.00	1.50	
2	0.41	0.59	2.20	3.40	29.83	16.65	98.15	8.40	3.80	2.60	1.70	1.30	
3	3.80	0.59	1.80	3.30	20.72	18.75	93.42	7.80	3.70	2.50	1.90	1.20	
4	2.30	0.53	2.10	3.30	14.40	25.62	74.08	7.50	3.70	2.40	1.90	1.20	
5	1.80	0.53	1.20	3.00	11.70	32.60	63.50	7.50	3.80	2.50	1.90	1.20	
6	1.30	0.47	1.70	2.70	10.35	28.78	53.60	14.55	3.80	2.40	1.80	1.20	
7	0.88	0.41	2.50	2.90	8.55	33.40	46.00	17.10	3.90	2.30	1.80	1.20	
8	0.76	0.41	1.20	4.30	7.80	90.05	40.40	13.65	3.70	2.60	1.30	1.20	
9	0.65	0.35	2.10	3.30	6.87	98.37	33.80	13.05	3.60	2.50	1.70	1.30	
10	0.53	0.29	1.80	3.70	6.62	101.25	30.80	9.60	3.50	2.60	1.70	1.30	
11	0.47	0.29	2.30	3.40	6.75	102.00	28.60	8.10	3.20	2.50	1.70	1.10	
12	0.41	0.18	17.55	14.40	6.87	92.75	26.68	11.40	3.20	2.60	1.60	0.94	
13	0.41	0.24	11.40	24.40	7.50	86.67	24.93	12.30	3.20	2.50	1.80	0.94	
14	13.20	1.40	20.20	48.60	9.30	78.12	24.05	8.25	3.10	2.30	1.80	1.10	
15	3.80	3.90	20.38	23.17	28.78	54.05	21.77	7.00	3.10	2.20	1.80	1.10	
16	2.00	2.20	17.70	15.45	24.93	50.45	19.85	18.75	3.00	2.20	1.80	1.10	
17	1.20	1.40	15.90	11.85	15.30	43.80	18.90	8.25	2.90	2.20	1.80	0.94	
18	1.10	1.00	44.20	8.10	18.60	43.60	17.25	6.87	2.80	2.10	1.70	1.00	
19	4.40	2.30	24.75	6.25	40.80	57.43	16.20	6.25	3.10	2.10	1.80	0.94	
20	8.55	1.40	24.40	5.63	48.60	84.20	15.45	6.12	3.30	2.20	1.90	0.94	
21	2.50	0.88	45.80	6.87	32.40	106.25	14.25	5.50	3.00	2.20	2.30	0.94	
22	2.50	1.60	22.48	16.50	26.68	107.25	12.75	5.12	2.90	2.30	2.30	1.70	
23	1.60	1.40	15.90	13.05	28.95	101.50	12.15	5.00	2.80	2.20	1.90	1.50	
24	0.82	2.20	11.40	9.60	18.45	92.75	11.40	4.90	2.80	2.20	1.80	1.20	
25	0.82	1.10	10.35	9.60	15.60	80.60	10.80	4.80	2.80	2.10	1.70	1.10	
26	0.76	0.82	16.20	19.05	12.15	70.02	10.50	4.70	2.80	2.10	1.60	1.10	
27	0.82	0.65	8.40	45.60	10.95	71.38	10.35	4.60	2.80	2.10	1.60	1.10	
28	0.76	0.59	6.25	45.60	10.20	69.35	9.90	4.50	2.80	2.10	1.60	1.10	
29	0.71	0.47	5.12	36.40	9.15	69.13	9.75	4.30	2.70	2.10		0.94	
30	0.65	0.41	4.70	30.00	7.95	66.87	12.75	4.10	2.70	2.10		0.94	
31		6.62		16.80	9.90		9.60		2.70	2.10		0.94	
Total	60.38	35.81	366.68	444.52	517.15	1989.39	981.88	248.81	99.10	71.70	50.20	35.26	4900.88 CMSDAY
Mean	2.01	1.16	12.22	14.34	16.68	66.31	31.67	8.29	3.20	2.31	1.79	1.14	13.43 CMS
Max	13.20	6.62	45.80	48.60	48.60	107.25	110.25	18.75	3.90	2.80	2.30	1.70	110.25 CMS
Min	0.41	0.18	1.20	2.70	6.62	15.75	9.60	4.10	2.70	2.10	1.30	0.94	0.18 CMS
Runoff	5.22	3.09	31.68	38.41	44.68	171.88	84.83	21.50	8.56	6.20	4.34	3.05	423.44 MCM
Momentary Peak	113.25 CMS. at 189.15 m. (MSL.) at 06.00 Hours , on Oct 1, 2005												
Runoff Yield	13.83 Liters/Second/Square KM.			Momentary Peak Yield 116.632 Liters/Second/Square KM.									

WATER YEAR : 2005

NAN RIVER BASIN

Nam Fua at Ban Nam Fua , Phitsanulok (N.58)

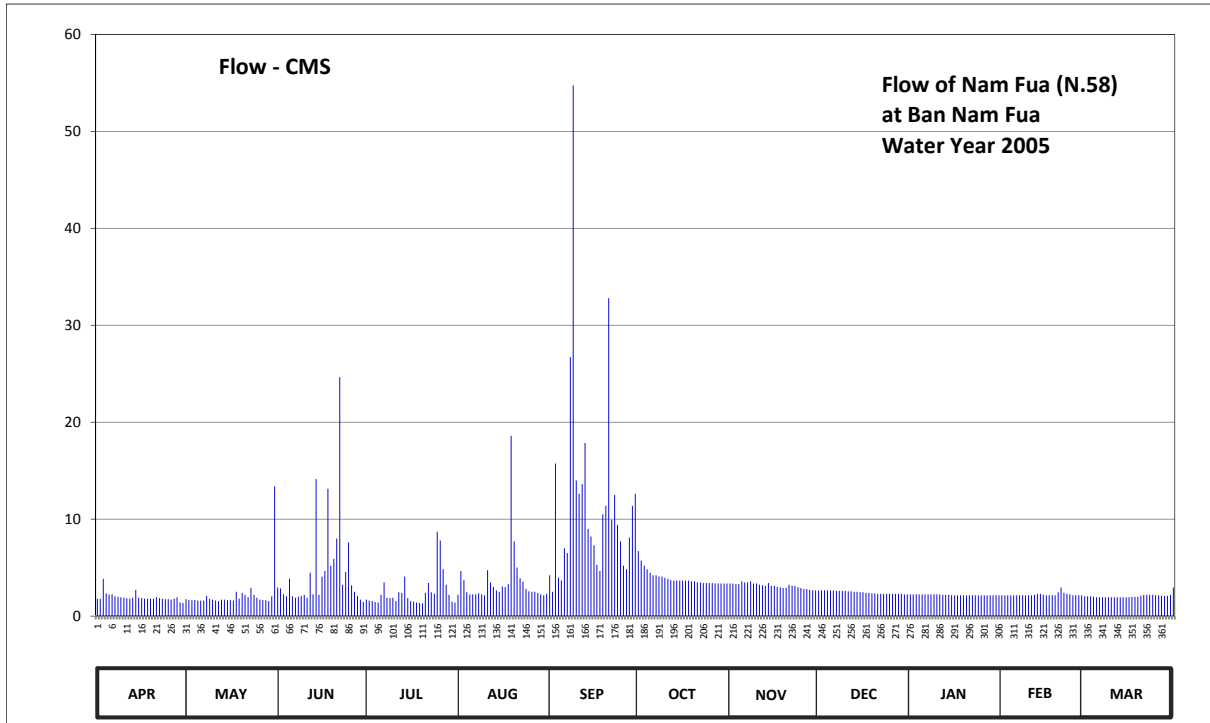
Lat 17 - 08 - 45 N Long 100 - 56 - 04 E

Location : on left bank at the bridge of Nakhon Thai - Dan Sai Road from the guidpost 11.5

	Ban Nam Fua	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	317 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+208.360 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 16 meters from the top staff gage.	Elevation	+214.931 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	208.96	208.95	209.19	208.94	209.04	209.40	209.67	209.26	209.13	209.05	209.03	209.01	
2	208.96	208.93	209.17	208.92	209.45	209.10	209.57	209.26	209.13	209.05	209.03	209.01	
3	209.34	208.93	209.05	208.91	209.32	210.45	209.51	209.25	209.13	209.05	209.03	209.01	
4	209.07	208.93	209.01	208.89	209.09	209.36	209.47	209.25	209.13	209.05	209.03	209.00	
5	209.05	208.92	209.34	208.88	209.05	209.31	209.43	209.30	209.13	209.05	209.03	208.99	
6	209.05	208.92	209.01	209.04	209.05	209.70	209.40	209.28	209.13	209.05	209.03	208.99	
7	209.01	208.92	208.98	209.28	209.05	209.65	209.40	209.28	209.12	209.05	209.03	208.99	
8	209.00	209.02	209.00	208.98	209.07	211.17	209.38	209.30	209.12	209.05	209.03	208.99	
9	208.99	208.96	209.02	208.97	209.05	212.49	209.38	209.26	209.12	209.05	209.03	208.99	
10	208.98	208.94	209.04	208.98	209.03	210.32	209.36	209.26	209.12	209.05	209.03	208.99	
11	208.97	208.92	208.98	208.91	209.46	210.21	209.34	209.24	209.11	209.05	209.03	208.99	
12	208.96	208.91	209.43	209.09	209.28	210.29	209.32	209.23	209.11	209.04	209.04	208.99	
13	208.98	208.94	209.05	209.08	209.20	210.59	209.31	209.22	209.10	209.04	209.06	208.99	
14	209.14	208.94	210.33	209.38	209.13	209.90	209.31	209.27	209.10	209.04	209.06	208.99	
15	208.98	208.93	209.04	208.97	209.10	209.82	209.31	209.22	209.09	209.03	209.04	208.99	
16	208.97	208.93	209.38	208.91	209.21	209.73	209.31	209.22	209.09	209.03	209.03	208.99	
17	208.96	208.92	209.45	208.90	209.20	209.52	209.31	209.20	209.08	209.03	209.03	209.00	
18	208.96	209.10	210.25	208.88	209.25	209.45	209.31	209.19	209.08	209.03	209.03	209.00	
19	208.96	208.96	209.51	208.87	210.64	210.04	209.30	209.18	209.07	209.03	209.03	209.00	
20	208.96	209.08	209.59	208.86	209.77	210.11	209.30	209.18	209.07	209.03	209.09	209.02	
21	208.99	209.04	209.80	209.08	209.49	211.51	209.28	209.24	209.06	209.03	209.19	209.04	
22	208.97	208.99	211.04	209.27	209.35	209.99	209.28	209.22	209.06	209.03	209.08	209.04	
23	208.96	209.18	209.24	209.09	209.29	210.20	209.27	209.22	209.06	209.03	209.06	209.04	
24	208.95	209.04	209.44	209.06	209.16	209.94	209.27	209.20	209.06	209.03	209.05	209.04	
25	208.95	208.98	209.76	209.87	209.11	209.77	209.27	209.18	209.06	209.03	209.03	209.03	
26	208.94	208.94	209.23	209.78	209.10	209.51	209.27	209.16	209.06	209.03	209.03	209.03	
27	208.96	208.93	209.10	209.47	209.10	209.47	209.26	209.16	209.06	209.03	209.03	209.02	
28	208.99	208.93	209.02	209.24	209.08	209.81	209.26	209.14	209.06	209.03	209.03	209.02	
29	208.88	208.91	208.94	209.04	209.05	210.11	209.26	209.13	209.06	209.03		209.02	
30	208.87	209.01	208.89	208.90	209.03	210.21	209.26	209.13	209.05	209.03		209.04	
31		210.27		208.88	209.06		209.26		209.05	209.03		209.19	
Mean	208.99	209.01	209.34	209.07	209.23	210.04	209.34	209.22	209.09	209.04	209.04	209.01	
Max	209.34	210.27	211.04	209.87	210.64	212.49	209.67	209.30	209.13	209.05	209.19	209.19	212.49
Min	208.87	208.91	208.89	208.86	209.03	209.10	209.26	209.13	209.05	209.03	209.03	208.99	208.86
Annual Max Momentary Gage Height	213.19			m. (MSL.) ,			at 12.00 Hours ,						on Sep 9 , 2005
Zero Gage at Bottom Elevation	208.36			m. (MSL.) ,		River Bed	208.75		m. (MSL.)				
Left Bank Elevation		212.38		m. (MSL.) ,									
Right Bank Elevation		211.79		m. (MSL.) ,		Drainage Are	317		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.80	1.75	2.95	1.70	2.20	4.20	6.70	3.36	2.65	2.25	2.15	2.05	
2	1.80	1.65	2.85	1.60	4.65	2.50	5.73	3.36	2.65	2.25	2.15	2.05	
3	3.84	1.65	2.25	1.55	3.72	15.75	5.19	3.30	2.65	2.25	2.15	2.05	
4	2.35	1.65	2.05	1.45	2.45	3.96	4.83	3.30	2.65	2.25	2.15	2.00	
5	2.25	1.60	3.84	1.40	2.25	3.66	4.47	3.60	2.65	2.25	2.15	1.95	
6	2.25	1.60	2.05	2.20	2.25	7.00	4.20	3.48	2.65	2.25	2.15	1.95	
7	2.05	1.60	1.90	3.48	2.25	6.50	4.20	3.48	2.60	2.25	2.15	1.95	
8	2.00	2.10	2.00	1.90	2.35	26.72	4.08	3.60	2.60	2.25	2.15	1.95	
9	1.95	1.80	2.10	1.85	2.25	54.75	4.08	3.36	2.60	2.25	2.15	1.95	
10	1.90	1.70	2.20	1.90	2.15	14.00	3.96	3.36	2.60	2.25	2.15	1.95	
11	1.85	1.60	1.90	1.55	4.74	12.63	3.84	3.24	2.55	2.25	2.15	1.95	
12	1.80	1.55	4.47	2.45	3.48	13.62	3.72	3.18	2.55	2.20	2.20	1.95	
13	1.90	1.70	2.25	2.40	3.00	17.85	3.66	3.12	2.50	2.20	2.30	1.95	
14	2.70	1.70	14.13	4.08	2.65	9.00	3.66	3.42	2.50	2.20	2.30	1.95	
15	1.90	1.65	2.20	1.85	2.50	8.20	3.66	3.12	2.45	2.15	2.20	1.95	
16	1.85	1.65	4.08	1.55	3.06	7.30	3.66	3.12	2.45	2.15	2.15	1.95	
17	1.80	1.60	4.65	1.50	3.00	5.28	3.66	3.00	2.40	2.15	2.15	2.00	
18	1.80	2.50	13.13	1.40	3.30	4.65	3.66	2.95	2.40	2.15	2.15	2.00	
19	1.80	1.80	5.19	1.35	18.60	10.50	3.60	2.90	2.35	2.15	2.15	2.00	
20	1.80	2.40	5.91	1.30	7.70	11.38	3.60	2.90	2.35	2.15	2.45	2.10	
21	1.95	2.20	8.00	2.40	5.01	32.79	3.48	3.24	2.30	2.15	2.95	2.20	
22	1.85	1.95	24.64	3.42	3.90	9.90	3.48	3.12	2.30	2.15	2.40	2.20	
23	1.80	2.90	3.24	2.45	3.54	12.50	3.42	3.12	2.30	2.15	2.30	2.20	
24	1.75	2.20	4.56	2.30	2.80	9.40	3.42	3.00	2.30	2.15	2.25	2.20	
25	1.75	1.90	7.60	8.70	2.55	7.70	3.42	2.90	2.30	2.15	2.15	2.15	
26	1.70	1.70	3.18	7.80	2.50	5.19	3.42	2.80	2.30	2.15	2.15	2.15	
27	1.80	1.65	2.50	4.83	2.50	4.83	3.36	2.80	2.30	2.15	2.15	2.10	
28	1.95	1.65	2.10	3.24	2.40	8.10	3.36	2.70	2.30	2.15	2.15	2.10	
29	1.40	1.55	1.70	2.20	2.25	11.38	3.36	2.65	2.30	2.15	2.15	2.10	
30	1.35	2.05	1.45	1.50	2.15	12.63	3.36	2.65	2.25	2.15	2.15	2.20	
31		13.38		1.40	2.30		3.36		2.25	2.15		2.95	
Total	58.69	68.38	141.07	78.70	110.45	353.87	121.60	94.13	76.00	67.90	62.20	64.20	1297.19 CMSDAY
Mean	1.96	2.21	4.70	2.54	3.56	11.80	3.92	3.14	2.45	2.19	2.22	2.07	3.55 CMS
Max	3.84	13.38	24.64	8.70	18.60	54.75	6.70	3.60	2.65	2.25	2.95	2.95	54.75 CMS
Min	1.35	1.55	1.45	1.30	2.15	2.50	3.36	2.65	2.25	2.15	1.95	1.30	1.30 CMS
Runoff	5.07	5.91	12.19	6.80	9.54	30.57	10.51	8.13	6.57	5.87	5.37	5.55	112.08 MCM
Momentary Peak	72.25 CMS. at 213.19 m. (MSL.) at 12.00 Hours , on Sep 9, 2005												
Runoff Yield	11.21 Liters/Second/Square KM.			Momentary Peak Yield			227.918 Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Lam Nam Khan at Ban Na Pho Na Chan , Phitsanulok (N.59)

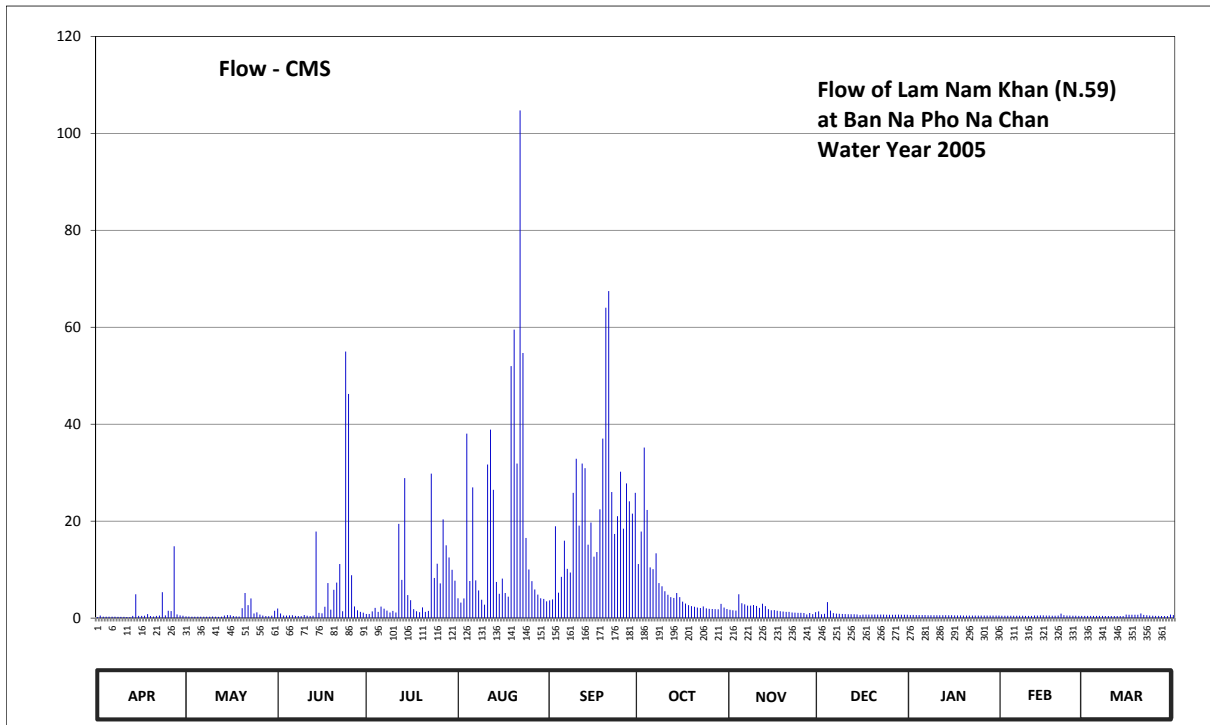
Lat 17 - 01 - 49 N Long 100 - 50 - 35 E

Location : on left bank at Ban Na Pho Na Chan.

	Ban	Na Pho Na Chan	Amphoe	Nakhon Thai	Changwat	Phitsanulok
Drainage Area	415	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+197.680 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 25 meters from the top staff gage.				Elevation	+206.935 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1984 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	199.28	199.47	200.66	200.04	201.18	201.09	202.26	200.56	200.38	199.84	199.67	199.63	
2	199.70	199.45	200.10	200.03	201.00	201.13	202.92	200.50	199.98	199.85	199.66	199.62	
3	199.37	199.42	199.70	200.40	201.17	203.01	204.00	200.48	200.05	199.84	199.66	199.62	
4	199.38	199.41	199.68	200.70	204.14	201.39	203.26	201.33	201.02	199.83	199.65	199.61	
5	199.37	199.38	199.76	200.31	201.78	201.90	202.18	200.97	200.48	199.82	199.65	199.61	
6	199.38	199.39	199.77	200.79	203.56	202.76	202.13	200.91	200.15	199.81	199.65	199.60	
7	199.37	199.38	199.63	200.65	201.80	202.14	202.50	200.84	200.09	199.80	199.64	199.60	
8	199.36	199.38	199.57	200.48	201.47	202.03	201.71	200.84	200.05	199.79	199.64	199.59	
9	199.34	199.40	199.54	200.23	201.12	203.49	201.61	200.88	200.03	199.78	199.63	199.58	
10	199.33	199.45	199.82	200.44	200.89	203.88	201.44	200.83	200.01	199.78	199.63	199.58	
11	199.29	199.41	199.64	200.24	203.82	203.02	201.31	200.70	200.00	199.77	199.63	199.59	
12	199.27	199.36	199.59	203.05	204.18	203.83	201.22	200.94	200.00	199.77	199.68	199.59	
13	199.60	199.42	199.64	201.81	203.53	203.78	201.19	200.82	199.99	199.77	199.71	199.59	
14	201.33	199.68	202.92	203.67	201.75	202.68	201.38	200.62	199.97	199.77	199.75	199.58	
15	199.62	199.83	200.20	201.30	201.35	203.07	201.22	200.51	199.83	199.77	199.74	199.92	
16	199.61	199.77	200.13	201.10	201.85	202.43	201.04	200.53	199.93	199.75	199.71	199.89	
17	199.66	199.57	200.78	200.61	201.38	202.53	200.95	200.46	199.92	199.74	199.68	199.89	
18	200.02	199.46	201.71	200.41	201.24	203.27	200.87	200.41	199.91	199.73	199.66	199.89	
19	199.59	199.43	200.57	200.29	204.70	204.09	200.82	200.36	199.91	199.72	199.67	199.89	
20	199.43	200.68	201.49	200.74	204.95	205.08	200.78	200.31	199.91	199.72	199.70	200.10	
21	199.61	201.38	201.73	200.32	203.83	205.17	200.73	200.31	199.92	199.71	200.07	199.87	
22	199.71	200.87	202.26	200.44	206.06	203.50	200.69	200.23	199.91	199.71	199.77	199.79	
23	201.41	201.17	200.41	203.72	204.79	202.88	200.80	200.21	199.91	199.71	199.71	199.71	
24	199.74	200.10	204.80	201.87	202.81	203.17	200.67	200.20	199.89	199.70	199.70	199.64	
25	200.46	200.25	204.49	202.27	202.12	203.74	200.64	200.19	199.88	199.70	199.67	199.62	
26	200.43	199.94	201.95	201.70	201.77	202.97	200.63	200.17	199.89	199.70	199.65	199.60	
27	202.65	199.69	200.80	203.12	201.50	203.61	200.61	199.97	199.90	199.69	199.63	199.59	
28	199.95	199.58	200.50	202.67	201.32	203.38	200.60	200.16	199.91	199.69	199.63	199.58	
29	199.75	199.51	200.33	202.41	201.18	203.21	200.93	200.02	199.90	199.68		199.57	
30	199.64	199.64	200.21	202.11	201.15	203.49	200.73	200.27	199.89	199.68		199.91	
31		200.45		201.79	201.05		200.63		199.88	199.68		199.82	
Mean	199.82	199.78	200.75	201.28	202.40	203.06	201.37	200.52	200.02	199.75	199.69	199.70	
Max	202.65	201.38	204.80	203.72	206.06	205.17	204.00	201.33	201.02	199.85	200.07	200.10	206.06
Min	199.27	199.36	199.54	200.03	200.89	201.09	200.60	199.97	199.83	199.68	199.63	199.57	199.27
Annual Max Momentary Gage Height	206.76		m. (MSL.) ,				at 15.00 Hours ,						on Aug 22 , 2005
Zero Gage at Bottom Elevation	197.68		m. (MSL.) ,			River Bed	199.20		m. (MSL.)				
Left Bank Elevation		207.27		m. (MSL.) ,									
Right Bank Elevation		207.38		m. (MSL.) ,		Drainage Are	415		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.21	0.35	1.98	0.86	4.10	3.65	11.14	1.72	1.37	0.64	0.50	0.47	
2	0.52	0.34	0.95	0.84	3.20	3.85	17.84	1.60	0.78	0.65	0.50	0.46	
3	0.28	0.31	0.52	1.40	4.05	18.93	35.20	1.56	0.88	0.64	0.50	0.46	
4	0.29	0.31	0.51	2.10	38.07	5.25	22.30	4.92	3.30	0.63	0.49	0.46	
5	0.28	0.29	0.57	1.27	7.67	8.50	10.46	3.08	1.56	0.62	0.49	0.46	
6	0.29	0.29	0.58	2.37	26.96	15.98	10.11	2.84	1.02	0.61	0.49	0.45	
7	0.28	0.29	0.47	1.95	7.80	10.18	13.35	2.56	0.93	0.60	0.48	0.45	
8	0.27	0.29	0.43	1.56	5.72	9.41	7.22	2.56	0.88	0.59	0.48	0.44	
9	0.25	0.30	0.40	1.14	3.80	25.84	6.56	2.72	0.84	0.58	0.47	0.44	
10	0.25	0.34	0.62	1.48	2.76	32.86	5.54	2.52	0.81	0.58	0.47	0.44	
11	0.22	0.31	0.48	1.16	31.69	19.06	4.81	2.10	0.80	0.58	0.47	0.44	
12	0.20	0.27	0.44	19.45	38.89	31.88	4.31	2.96	0.80	0.58	0.51	0.44	
13	0.45	0.31	0.48	7.87	26.48	30.93	4.15	2.48	0.79	0.58	0.53	0.44	
14	4.92	0.51	17.84	28.89	7.47	15.14	5.19	1.86	0.77	0.58	0.56	0.44	
15	0.46	0.63	1.10	4.75	5.03	19.71	4.31	1.62	0.63	0.58	0.56	0.72	
16	0.46	0.58	1.00	3.70	8.15	12.68	3.40	1.66	0.73	0.56	0.53	0.69	
17	0.50	0.43	2.34	1.83	5.19	13.63	3.00	1.52	0.72	0.56	0.51	0.69	
18	0.83	0.35	7.22	1.42	4.42	22.45	2.68	1.42	0.71	0.55	0.50	0.69	
19	0.44	0.32	1.74	1.23	52.00	37.04	2.48	1.34	0.71	0.54	0.50	0.69	
20	0.32	2.04	5.84	2.22	59.50	64.04	2.34	1.27	0.71	0.54	0.52	0.95	
21	0.46	5.19	7.34	1.28	31.88	67.46	2.19	1.27	0.72	0.53	0.91	0.67	
22	0.53	2.68	11.14	1.48	104.74	26.00	2.07	1.14	0.71	0.53	0.58	0.59	
23	5.36	4.05	1.42	29.82	54.70	17.36	2.40	1.12	0.71	0.53	0.53	0.53	
24	0.56	0.95	55.00	8.29	16.52	21.01	2.01	1.10	0.69	0.52	0.52	0.48	
25	1.52	1.18	46.25	11.23	10.04	30.19	1.92	1.09	0.68	0.52	0.50	0.46	
26	1.46	0.74	8.85	7.15	7.61	18.44	1.89	1.06	0.69	0.52	0.49	0.45	
27	14.82	0.52	2.40	20.36	5.90	27.78	1.83	0.77	0.70	0.52	0.47	0.44	
28	0.75	0.44	1.60	15.03	4.86	24.10	1.80	1.04	0.71	0.52	0.47	0.44	
29	0.56	0.38	1.30	12.50	4.10	21.55	2.92	0.83	0.70	0.51	0.43	0.43	
30	0.48	0.48	1.12	9.97	3.95	25.84	2.19	1.21	0.69	0.51	0.43	0.71	
31		1.50		7.73	3.45		1.89		0.68	0.51		0.62	
Total	38.22	26.97	181.93	212.33	590.70	680.74	199.50	54.94	27.42	17.51	14.53	16.54	2061.33 CMSDAY
Mean	1.27	0.87	6.06	6.85	19.05	22.69	6.44	1.83	0.88	0.56	0.52	0.53	5.65 CMS
Max	14.82	5.19	55.00	29.82	104.74	67.46	35.20	4.92	3.30	0.65	0.91	0.95	104.74 CMS
Min	0.20	0.27	0.40	0.84	2.76	3.65	1.80	0.77	0.63	0.51	0.47	0.43	0.20 CMS
Runoff	3.30	2.33	15.72	18.35	51.04	58.82	17.24	4.75	2.37	1.51	1.26	1.43	178.10 MCM
Momentary Peak	140.72	CMS. at 206.76 m. (MSL.) at 15.00 Hours , on Aug 22 , 2005											
Runoff Yield	13.61	Liters/Second/Square KM. Momentary Peak Yield 339.084 Liters/Second/Square KM.											

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Hat Song Khwae , Uttaradit (N.60)

Lat 17 - 24 - 54 N Long 100 - 07 - 58 E

Location : on right bank about 1 kilometer downstream from Wat Hat Song Khwae.

	Ban Hat Song Khwae	Amphoe Tron	Changwat Uttaradit
Drainage Area	18,447 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+48.500 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the Meteorological Station.	Elevation	+59.828 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1986 to date		
Rating Operation			
Period of Rating	1986 to date		
Rated by Flot	-		
Rated by Current Meter	1986 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Flow effected by Sirikit Dam reservoir. Stage-discharge relation defined by 38 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	51.31	51.12	50.89	49.69	49.18	50.39	51.46	49.92	49.45	51.39	50.89	51.52	
2	51.38	51.10	50.92	49.70	49.58	50.71	50.58	49.71	49.81	51.33	50.92	51.41	
3	51.18	51.35	50.41	49.61	49.95	50.82	49.87	49.71	50.03	51.43	50.83	51.38	
4	51.04	51.36	50.39	49.48	49.68	50.00	49.82	49.72	50.09	51.06	50.80	51.57	
5	51.41	51.36	50.30	49.98	49.54	50.09	49.76	49.95	49.92	51.37	50.83	51.26	
6	51.11	51.09	50.13	50.37	49.52	49.92	49.61	49.85	49.86	51.58	50.96	51.03	
7	51.21	51.44	50.30	50.39	49.38	49.60	49.59	49.97	50.12	51.57	51.37	51.41	
8	51.13	51.10	50.41	50.53	49.26	50.19	49.58	50.22	50.38	51.03	51.25	51.34	
9	51.12	51.04	50.30	50.75	49.52	50.93	49.48	50.14	50.57	50.73	51.38	51.40	
10	51.02	50.89	50.47	50.88	49.35	50.72	49.39	49.85	50.65	51.05	51.38	51.42	
11	50.96	50.89	50.33	49.85	49.43	51.14	49.47	49.67	50.62	50.95	51.48	51.47	
12	51.32	50.73	50.43	50.78	49.32	51.02	49.42	49.94	50.26	51.09	51.43	51.20	
13	50.70	51.24	50.27	51.77	49.19	50.89	49.37	49.97	50.72	51.13	51.09	51.36	
14	50.71	51.34	50.52	52.30	49.79	50.12	49.40	49.91	51.12	50.97	51.52	51.80	
15	50.58	51.07	50.35	50.70	49.97	49.72	49.44	49.76	51.15	50.97	51.61	51.69	
16	50.69	50.68	50.45	50.00	50.56	49.70	49.32	50.06	51.18	51.01	51.64	51.71	
17	50.77	51.29	50.57	49.60	50.30	49.73	49.33	50.33	50.94	51.14	51.59	51.72	
18	50.65	51.25	50.96	49.36	50.27	49.53	49.42	49.71	50.91	51.26	51.58	51.62	
19	51.28	51.34	51.11	49.99	50.61	49.66	49.23	49.57	51.06	51.04	51.31	51.12	
20	51.12	51.20	50.64	50.28	50.91	50.98	49.23	49.48	50.52	50.97	51.17	50.93	
21	51.09	51.16	50.91	50.16	50.24	53.12	49.79	49.49	51.08	50.86	51.44	51.16	
22	51.24	50.86	50.69	50.38	49.80	53.01	50.20	49.51	50.89	50.86	51.56	51.25	
23	51.15	50.97	50.65	50.15	49.67	51.59	50.05	49.47	50.85	50.90	51.54	51.35	
24	50.75	51.12	50.35	50.35	49.60	50.27	49.47	49.41	50.88	51.06	51.55	51.41	
25	50.69	51.25	49.92	50.23	49.48	49.81	49.79	49.50	50.55	50.90	51.47	51.39	
26	50.92	51.34	49.88	50.78	49.36	49.70	50.03	49.45	50.58	51.03	51.35	51.37	
27	50.81	51.25	49.70	50.63	49.30	49.89	50.03	49.38	51.13	50.95	51.22	50.94	
28	50.89	51.21	49.93	50.45	49.33	49.98	50.03	49.22	51.22	50.92	51.38	51.33	
29	50.89	50.91	49.71	49.97	49.24	51.53	49.96	49.44	51.37	50.84		51.56	
30	50.98	50.78	49.57	49.55	49.40	52.70	50.07	49.42	51.39	50.90		51.72	
31		51.32		49.31	49.42		50.04		51.49	50.94		51.69	
Mean	51.00	51.13	50.38	50.26	49.68	50.58	49.75	49.72	50.67	51.07	51.31	51.40	
Max	51.41	51.44	51.11	52.30	50.91	53.12	51.46	50.33	51.49	51.58	51.64	51.80	53.12
Min	50.58	50.68	49.57	49.31	49.18	49.53	49.23	49.22	49.45	50.73	50.80	50.93	49.18
Annual Max Momentary Gage Height	53.33		m. (MSL.) ,				at 18.00 Hours ,						on Sep 21 , 2005
Zero Gage at Bottom Elevation	48.50		m. (MSL.) ,				River Bed 47.84						m. (MSL.)
Left Bank Elevation		58.08		m. (MSL.) ,									
Right Bank Elevation		57.59		m. (MSL.) ,			Drainage Are 18,447						Square Kilometers

WATER YEAR : 2005

NAN RIVER BASIN

Huai Nam Khlung at Ban Huai Tha Nua , Phitsanulok (N.62)

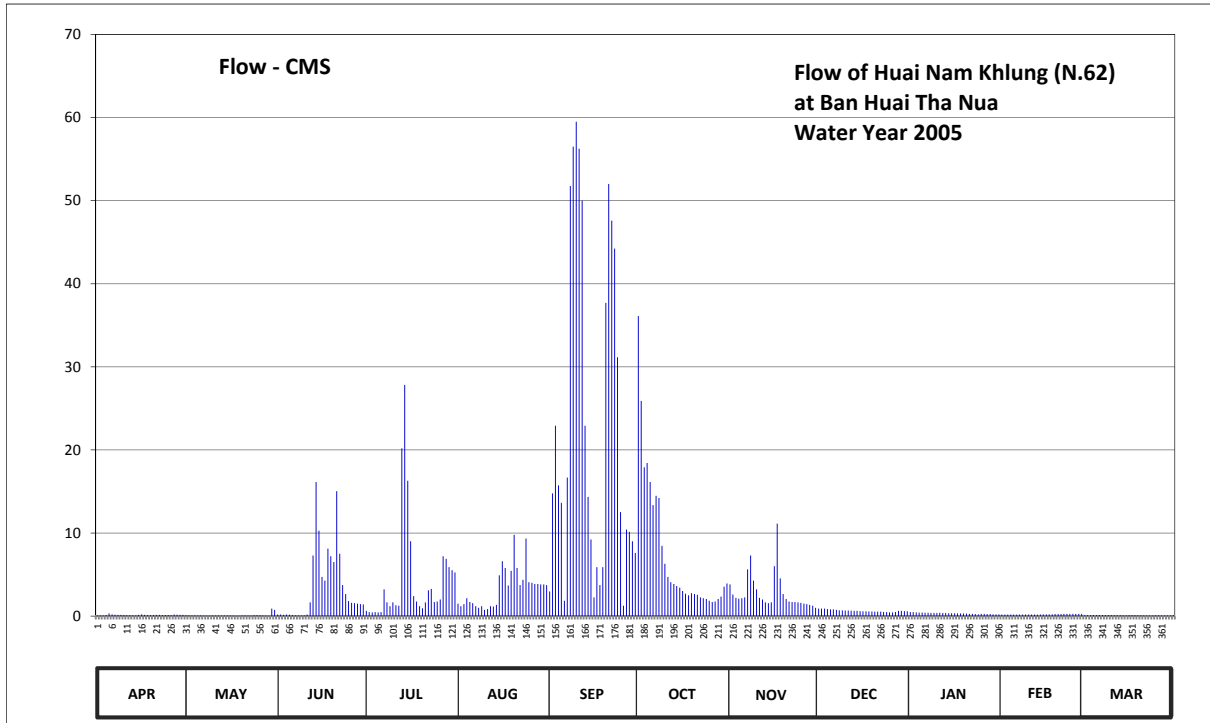
Lat 17 - 14 - 24 N Long 100 - 33 - 18 E

Location : on left bank at Ban Huai Tha Nua.

	Ban	Huai Tha Nua	Amphoe	Chat Trakan	Changwat	Phitsanulok
Drainage Area	353	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+190.310 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 60 meters from the top staff gage.				Elevation	+200.077 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1986 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.91	190.94	191.00	191.17	191.36	191.64	194.03	191.77	191.24	191.11	191.00	190.93	
2	190.91	190.92	190.99	191.11	191.30	192.74	193.48	191.58	191.24	191.11	191.00	190.94	
3	190.90	190.91	190.97	191.10	191.35	193.31	192.97	191.50	191.24	191.10	191.00	190.94	
4	190.95	190.90	190.99	191.11	191.49	192.81	193.01	191.48	191.23	191.09	191.00	190.95	
5	191.05	190.90	190.98	191.10	191.40	192.66	192.84	191.49	191.22	191.09	191.00	190.95	
6	191.01	190.90	190.95	191.11	191.37	191.43	192.64	191.51	191.22	191.08	191.00	190.95	
7	190.98	190.89	190.92	191.68	191.30	192.88	192.72	191.98	191.21	191.08	190.99	190.95	
8	190.96	190.89	190.90	191.39	191.26	194.73	192.70	192.15	191.20	191.07	190.99	190.95	
9	190.96	190.89	190.90	191.30	191.30	194.92	192.26	191.83	191.20	191.07	190.99	190.95	
10	190.95	190.91	190.92	191.39	191.21	195.04	192.05	191.68	191.19	191.07	190.99	190.95	
11	190.94	190.91	190.99	191.32	191.23	194.91	191.88	191.50	191.19	191.08	191.00	190.94	
12	190.93	190.90	191.39	191.31	191.30	194.66	191.81	191.46	191.18	191.07	191.00	190.93	
13	190.92	190.89	192.15	193.14	191.29	193.31	191.78	191.39	191.17	191.07	190.99	190.93	
14	190.91	190.91	192.84	193.59	191.33	192.71	191.74	191.37	191.17	191.06	191.00	190.92	
15	190.97	190.91	192.42	192.85	191.90	192.33	191.71	191.39	191.16	191.06	191.01	190.92	
16	191.01	190.90	191.88	192.31	192.08	191.51	191.65	192.02	191.15	191.06	191.01	190.93	
17	190.96	190.89	191.83	191.54	192.00	192.01	191.60	192.48	191.15	191.05	191.01	190.93	
18	190.95	190.88	192.23	191.41	191.75	191.76	191.56	191.86	191.14	191.05	191.01	190.93	
19	190.94	190.87	192.14	191.30	191.96	192.01	191.61	191.59	191.14	191.05	191.02	190.93	
20	190.95	190.90	192.07	191.25	192.38	194.11	191.59	191.47	191.13	191.04	191.02	190.92	
21	190.96	190.91	192.76	191.39	192.00	194.74	191.57	191.41	191.13	191.03	191.02	190.92	
22	190.96	190.90	192.17	191.66	191.76	194.56	191.51	191.40	191.13	191.03	191.03	190.91	
23	190.95	190.89	191.76	191.69	191.84	194.41	191.49	191.40	191.12	191.02	191.03	190.91	
24	190.95	190.93	191.59	191.40	192.34	193.78	191.47	191.39	191.11	191.01	191.03	190.91	
25	190.95	190.94	191.42	191.41	191.81	192.58	191.43	191.38	191.10	191.03	191.03	190.92	
26	190.94	190.92	191.38	191.46	191.80	191.31	191.40	191.36	191.10	191.03	191.03	190.92	
27	190.99	190.90	191.37	192.14	191.78	192.43	191.41	191.35	191.12	191.02	191.03	190.91	
28	190.98	190.89	191.36	192.11	191.78	192.41	191.47	191.33	191.17	191.02	191.03	190.90	
29	190.97	190.88	191.35	192.01	191.77	192.31	191.53	191.31	191.17	191.01		190.90	
30	190.96	191.24	191.34	191.97	191.77	192.18	191.73	191.26	191.16	191.01		190.90	
31		191.21		191.94	191.76		191.79		191.15	191.01		190.95	
Mean	190.96	190.92	191.53	191.67	191.64	193.07	192.01	191.57	191.17	191.05	191.01	190.93	
Max	191.05	191.24	192.84	193.59	192.38	195.04	194.03	192.48	191.24	191.11	191.03	190.95	195.04
Min	190.90	190.87	190.90	191.10	191.21	191.31	191.40	191.26	191.10	191.01	190.99	190.90	190.87
Annual Max Momentary Gage Height	195.06		m. (MSL.) ,			at 15.00 Hours ,		on Sep 10 , 2005					
Zero Gage at Bottom Elevation	190.31		m. (MSL.) ,			River Bed	190.67	m. (MSL.)					
Left Bank Elevation		195.97		m. (MSL.) ,									
Right Bank Elevation		195.47		m. (MSL.) ,		Drainage Are	353	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.08	0.12	0.20	0.63	1.50	2.96	36.10	3.81	0.90	0.48	0.20	0.11	
2	0.08	0.09	0.19	0.48	1.20	14.76	25.90	2.60	0.90	0.48	0.20	0.12	
3	0.07	0.08	0.16	0.45	1.45	22.92	17.90	2.20	0.90	0.45	0.20	0.12	
4	0.13	0.07	0.19	0.48	2.15	15.73	18.43	2.10	0.85	0.42	0.20	0.13	
5	0.33	0.07	0.17	0.45	1.70	13.64	16.14	2.15	0.80	0.42	0.20	0.13	
6	0.22	0.07	0.13	0.48	1.55	1.85	13.36	2.25	0.80	0.40	0.20	0.13	
7	0.17	0.05	0.09	3.22	1.20	16.68	14.48	5.62	0.75	0.40	0.19	0.13	
8	0.15	0.05	0.07	1.65	1.00	51.75	14.20	7.30	0.70	0.38	0.19	0.13	
9	0.15	0.05	0.07	1.20	1.20	56.50	8.46	4.27	0.70	0.38	0.19	0.13	
10	0.13	0.08	0.09	1.65	0.75	59.50	6.30	3.22	0.68	0.38	0.19	0.13	
11	0.12	0.08	0.19	1.30	0.85	56.25	4.72	2.20	0.68	0.40	0.20	0.12	
12	0.11	0.07	1.65	1.25	1.20	50.00	4.09	2.00	0.65	0.38	0.20	0.11	
13	0.09	0.05	7.30	20.19	1.15	22.92	3.87	1.65	0.63	0.38	0.19	0.11	
14	0.08	0.08	16.14	27.82	1.35	14.34	3.61	1.55	0.63	0.35	0.20	0.09	
15	0.16	0.08	10.28	16.28	4.90	9.23	3.42	1.65	0.60	0.35	0.22	0.09	
16	0.22	0.07	4.72	9.01	6.60	2.25	3.02	6.00	0.57	0.35	0.22	0.11	
17	0.15	0.05	4.27	2.40	5.80	5.90	2.70	11.12	0.57	0.33	0.22	0.11	
18	0.13	0.04	8.13	1.75	3.67	3.74	2.50	4.54	0.55	0.33	0.22	0.11	
19	0.12	0.03	7.20	1.20	5.44	5.90	2.76	2.65	0.55	0.33	0.25	0.11	
20	0.13	0.07	6.50	0.95	9.78	37.70	2.65	2.05	0.53	0.30	0.25	0.09	
21	0.15	0.08	15.04	1.65	5.80	52.00	2.55	1.75	0.53	0.27	0.25	0.09	
22	0.15	0.07	7.50	3.09	3.74	47.60	2.25	1.70	0.53	0.27	0.27	0.08	
23	0.13	0.05	3.74	3.28	4.36	44.23	2.15	1.70	0.50	0.25	0.27	0.08	
24	0.13	0.11	2.65	1.70	9.34	31.15	2.05	1.65	0.48	0.22	0.27	0.08	
25	0.13	0.12	1.80	1.75	4.09	12.52	1.85	1.60	0.45	0.27	0.27	0.09	
26	0.12	0.09	1.60	2.00	4.00	1.25	1.70	1.50	0.45	0.27	0.27	0.09	
27	0.19	0.07	1.55	7.20	3.87	10.42	1.75	1.45	0.50	0.25	0.27	0.08	
28	0.17	0.05	1.50	6.90	3.87	10.14	2.05	1.35	0.63	0.25	0.27	0.07	
29	0.16	0.04	1.45	5.90	3.81	9.01	2.35	1.25	0.63	0.22		0.07	
30	0.15	0.90	1.40	5.53	3.81	7.60	3.54	1.00	0.60	0.22		0.07	
31		0.75		5.26	3.74		3.93		0.57	0.22		0.13	
Total	4.30	3.68	105.97	137.10	104.87	690.44	230.78	85.88	19.81	10.40	6.27	3.24	1402.74 CMSDAY
Mean	0.14	0.12	3.53	4.42	3.38	23.01	7.44	2.86	0.64	0.34	0.22	0.10	3.84 CMS
Max	0.33	0.90	16.14	27.82	9.78	59.50	36.10	11.12	0.90	0.48	0.27	0.13	59.50 CMS
Min	0.07	0.03	0.07	0.45	0.75	1.25	1.70	1.00	0.45	0.22	0.19	0.07	0.03 CMS
Runoff	0.37	0.32	9.16	11.85	9.06	59.65	19.94	7.42	1.71	0.90	0.54	0.28	121.20 MCM
Momentary Peak	60.00 CMS. at 195.06 m. (MSL.) at 15.00 Hours , on Sep 10, 2005												
Runoff Yield	10.89 Liters/Second/Square KM.			Momentary Peak Yield 169.972 Liters/Second/Square KM.									

WATER YEAR : 2005

NAN RIVER BASIN

Nam Haeng at Ban Hua Mueang, Nan (N.63)

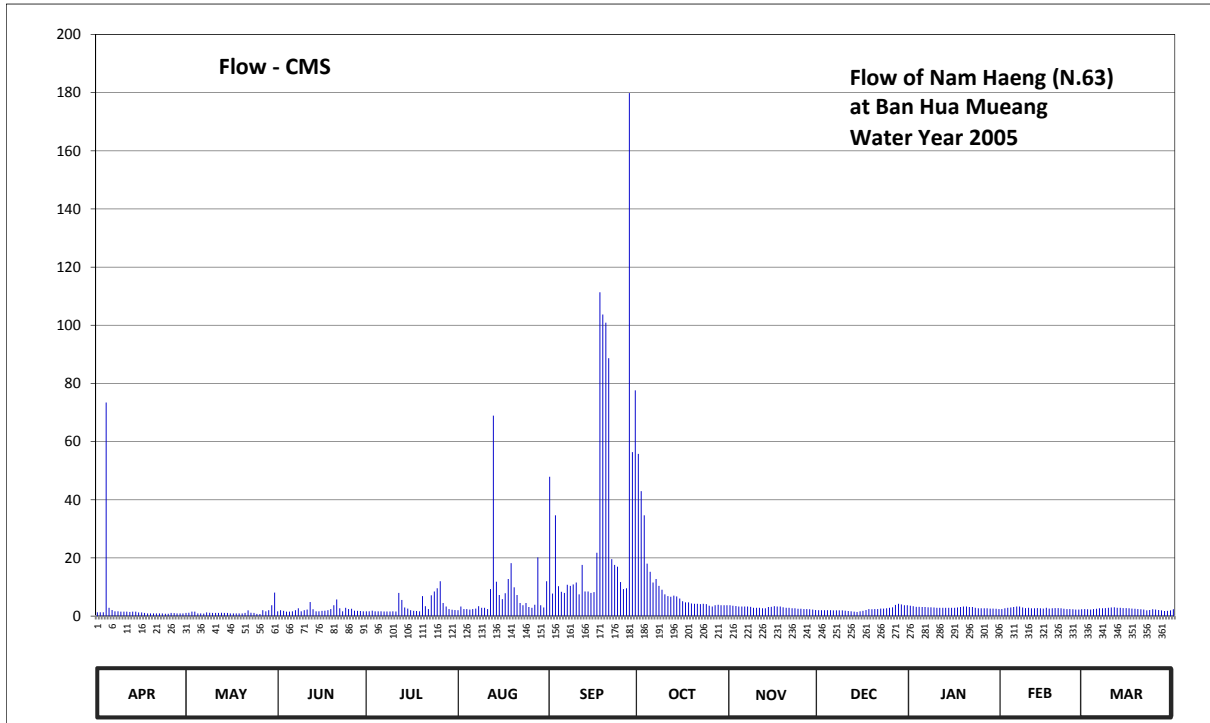
Lat 18 - 21 - 47 N Long 100 - 43 - 40 E

Location : on left bank at the bridge on road, tambon Si Sa Ket.

	Ban	Hua Mueang	Amphoe	Na Noi	Changwat	Nan
Drainage Area	795	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+241.916 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 34 meters from the first staff gage.				Elevation	+252.916 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1987 to date.					
Rating Operation						
Period of Rating	1987 to date.					
Rated by Flot	-					
Rated by Current Meter	1987 to date.					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by Nam Ngae reservoir about 6 kilometers above gage site. Stage-discharge relation defined by 40 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	242.97	242.94	243.02	243.02	243.07	245.75	246.06	243.27	243.07	243.25	243.12	243.12	
2	242.97	242.95	243.07	243.02	243.22	243.61	245.54	243.25	243.07	243.23	243.15	243.11	
3	242.97	243.00	243.04	243.05	243.12	245.13	245.13	243.24	243.07	243.21	243.17	243.10	
4	246.61	243.00	243.00	243.02	243.12	243.82	244.29	243.22	243.07	243.21	243.18	243.12	
5	243.17	242.92	243.00	243.02	243.10	243.66	244.15	243.22	243.07	243.20	243.20	243.13	
6	243.08	242.92	243.02	243.02	243.12	243.63	243.92	243.22	243.06	243.20	243.22	243.15	
7	243.02	242.91	243.07	243.01	243.14	243.86	244.00	243.22	243.06	243.19	243.22	243.15	
8	243.02	242.96	243.15	243.01	243.23	243.83	243.83	243.21	243.06	243.19	243.18	243.16	
9	243.00	242.95	243.02	243.01	243.17	243.87	243.72	243.17	243.06	243.18	243.16	243.17	
10	243.00	242.94	243.07	243.02	243.17	243.92	243.59	243.17	243.05	243.17	243.17	243.18	
11	243.00	242.94	243.10	243.01	243.12	243.59	243.54	243.17	243.03	243.17	243.15	243.19	
12	242.99	242.94	243.37	243.63	243.74	244.27	243.52	243.15	243.02	243.17	243.15	243.17	
13	243.00	242.95	243.11	243.43	246.47	243.67	243.55	243.15	243.00	243.17	243.16	243.17	
14	243.00	242.94	243.02	243.18	243.94	243.67	243.53	243.20	242.99	243.17	243.15	243.16	
15	242.96	242.94	243.02	243.14	243.57	243.63	243.47	243.21	243.02	243.17	243.14	243.16	
16	242.96	242.92	243.04	243.07	243.45	243.65	243.39	243.23	243.04	243.17	243.17	243.15	
17	242.94	242.92	243.05	243.04	243.62	244.48	243.36	243.22	243.08	243.18	243.14	243.14	
18	242.92	242.92	243.07	243.03	244.00	247.72	243.36	243.22	243.12	243.20	243.15	243.13	
19	242.92	242.92	243.12	243.02	244.30	247.50	243.33	243.19	243.11	243.22	243.16	243.12	
20	242.92	242.92	243.27	243.54	243.79	247.42	243.32	243.17	243.12	243.22	243.16	243.11	
21	242.92	242.94	243.44	243.23	243.57	247.07	243.32	243.17	243.12	243.20	243.15	243.10	
22	242.92	243.06	243.15	243.12	243.34	244.37	243.31	243.15	243.14	243.20	243.13	243.06	
23	242.92	242.95	243.02	243.56	243.27	244.27	243.32	243.15	243.14	243.17	243.12	243.08	
24	242.90	242.94	243.17	243.67	243.34	244.24	243.31	243.13	243.15	243.15	243.12	243.11	
25	242.90	242.89	243.12	243.76	243.20	243.93	243.25	243.13	243.17	243.15	243.11	243.10	
26	242.94	242.87	243.13	243.95	243.17	243.74	243.22	243.12	243.19	243.15	243.10	243.08	
27	242.93	243.07	243.05	243.34	243.29	243.76	243.27	243.12	243.28	243.15	243.10	243.06	
28	242.92	243.02	243.04	243.22	244.40	249.45	243.29	243.11	243.32	243.14	243.11	243.03	
29	242.92	243.07	243.03	243.12	243.27	246.08	243.27	243.10	243.30	243.14		243.04	
30	242.92	243.27	243.02	243.09	243.18	246.74	243.27	243.08	243.27	243.13		243.06	
31		243.64		243.08	243.95		243.27		243.27	243.12		243.11	
Mean	243.09	242.98	243.09	243.21	243.53	244.81	243.70	243.18	243.11	243.18	243.15	243.12	
Max	246.61	243.64	243.44	243.95	246.47	249.45	246.06	243.27	243.32	243.25	243.22	243.19	249.45
Min	242.90	242.87	243.00	243.01	243.07	243.59	243.22	243.08	242.99	243.12	243.10	243.03	242.87
Annual Max Momentary Gage Height	249.92		m. (MSL.) ,			at 08.00 Hours ,	on Sep 28 , 2005						
Zero Gage at Bottom Elevation	241.92		m. (MSL.) ,			River Bed	242.57	m. (MSL.)					
Left Bank Elevation		251.75		m. (MSL.) ,									
Right Bank Elevation		251.76		m. (MSL.) ,		Drainage Are	795	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.31	1.09	1.67	1.67	2.03	47.94	55.80	3.74	2.03	3.56	2.42	2.42		
2	1.31	1.16	2.03	1.67	3.30	7.75	42.95	3.56	2.03	3.39	2.69	2.34		
3	1.31	1.53	1.81	1.89	2.42	34.67	34.67	3.48	2.03	3.21	2.86	2.25		
4	73.42	1.53	1.53	1.67	2.42	10.28	18.02	3.30	2.03	3.21	2.95	2.42		
5	2.86	0.95	1.53	1.67	2.25	8.35	15.24	3.30	2.03	3.12	3.12	2.51		
6	2.10	0.95	1.67	1.67	2.42	7.99	11.55	3.30	1.96	3.12	3.30	2.69		
7	1.67	0.87	2.03	1.60	2.60	10.77	12.75	3.30	1.96	3.04	3.30	2.69		
8	1.67	1.24	2.69	1.60	3.39	10.40	10.40	3.21	1.96	3.04	2.95	2.77		
9	1.53	1.16	1.67	1.60	2.86	10.89	9.08	2.86	1.96	2.95	2.77	2.86		
10	1.53	1.09	2.03	1.67	2.86	11.55	7.50	2.86	1.89	2.86	2.86	2.95		
11	1.53	1.09	2.25	1.60	2.42	7.50	6.90	2.86	1.74	2.86	2.69	3.04		
12	1.45	1.09	4.85	7.99	9.32	17.62	6.66	2.69	1.67	2.86	2.69	2.86		
13	1.53	1.16	2.34	5.57	68.91	8.47	7.02	2.69	1.53	2.86	2.77	2.86		
14	1.53	1.09	1.67	2.95	11.85	8.47	6.78	3.12	1.45	2.86	2.69	2.77		
15	1.24	1.09	1.67	2.60	7.26	7.99	6.05	3.21	1.67	2.86	2.60	2.77		
16	1.24	0.95	1.81	2.03	5.81	8.23	5.09	3.39	1.81	2.86	2.86	2.69		
17	1.09	0.95	1.89	1.81	7.87	21.78	4.72	3.30	2.10	2.95	2.60	2.60		
18	0.95	0.95	2.03	1.74	12.75	111.35	4.72	3.30	2.42	3.12	2.69	2.51		
19	0.95	0.95	2.42	1.67	18.21	103.68	4.36	3.04	2.34	3.30	2.77	2.42		
20	0.95	0.95	3.74	6.90	9.92	100.89	4.24	2.86	2.42	3.30	2.77	2.34		
21	0.95	1.09	5.69	3.39	7.26	88.68	4.24	2.86	2.42	3.12	2.69	2.25		
22	0.95	1.96	2.69	2.42	4.48	19.60	4.12	2.69	2.60	3.12	2.51	1.96		
23	0.95	1.16	1.67	7.14	3.74	17.62	4.24	2.69	2.60	2.86	2.42	2.10		
24	0.80	1.09	2.86	8.47	4.48	17.02	4.12	2.51	2.69	2.69	2.42	2.34		
25	0.80	0.76	2.42	9.56	3.12	11.70	3.56	2.51	2.86	2.69	2.34	2.25		
26	1.09	0.69	2.51	12.00	2.86	9.32	3.30	2.42	3.04	2.69	2.25	2.10		
27	1.02	2.03	1.89	4.48	3.91	9.56	3.74	2.42	3.82	2.69	2.25	1.96		
28	0.95	1.67	1.81	3.30	20.20	179.85	3.91	2.34	4.24	2.60	2.34	1.74		
29	0.95	2.03	1.74	2.42	3.74	56.40	3.74	2.25	4.00	2.60		1.81		
30	0.95	3.74	1.67	2.18	2.95	77.60	3.74	2.10	3.74	2.51		1.96		
31		8.11		2.10	12.00		3.74		3.74	2.42		2.34		
Total	110.58	46.17	68.28	109.03	249.61	1043.92	316.95	88.16	74.78	91.32	75.57	75.57	2349.94	CMSDAY
Mean	3.69	1.49	2.28	3.52	8.05	34.80	10.22	2.94	2.41	2.95	2.70	2.44	6.44	CMS
Max	73.42	8.11	5.69	12.00	68.91	179.85	55.80	3.74	4.24	3.56	3.30	3.04	179.85	CMS
Min	0.80	0.69	1.53	1.60	2.03	7.50	3.30	2.10	1.45	2.42	2.25	1.74	0.69	CMS
Runoff	9.55	3.99	5.90	9.42	21.57	90.20	27.38	7.62	6.46	7.89	6.53	6.53	203.04	MCM
Momentary Peak		204.76		CMS. at 249.92 m. (MSL.) at 08.00 Hours , on Sep 28, 2005										
Runoff Yield		8.10		Liters/Second/Square KM.		Momentary Peak Yield	257.560		Liters/Second/Square KM.					

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Pha Khwang , Nan (N.64)

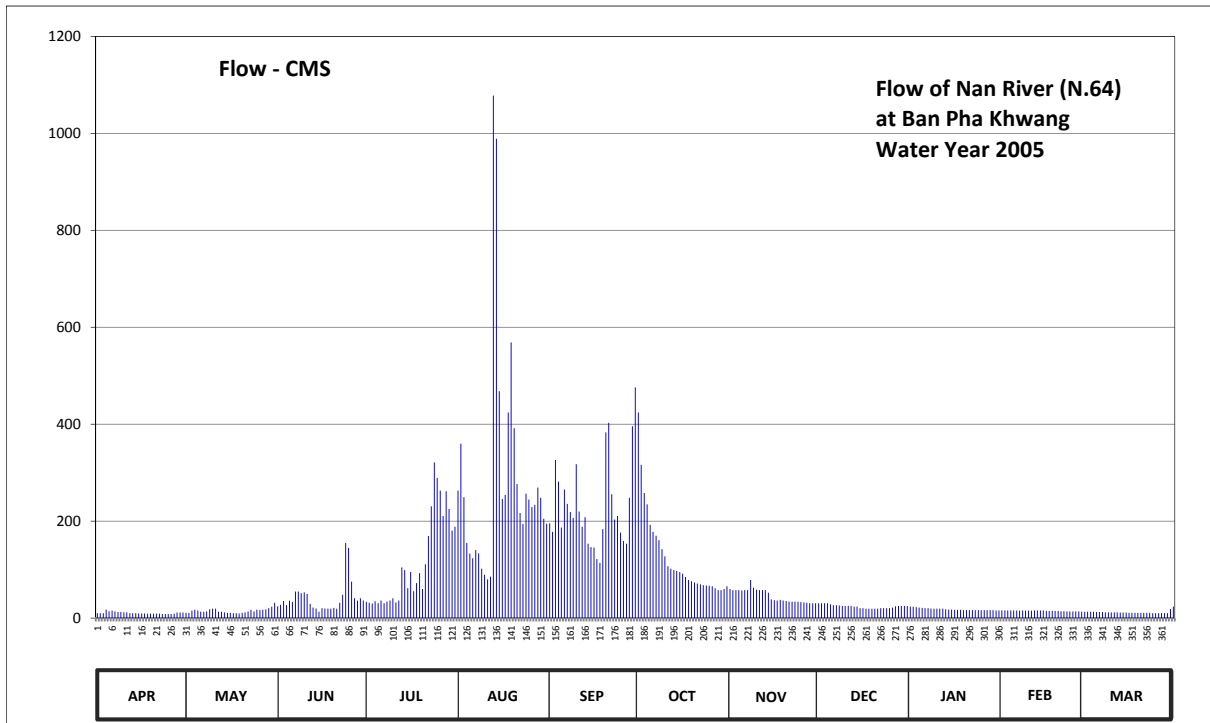
Lat 19 - 00 - 32 N Long 100 - 47 - 19 E

Location : on right bank at the bridge on highway from Tambon Bo.

	Ban Pha Khwang	Amphoe Mueang	Changwat Nan
Drainage Area	3,476 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+210.897 m. (MSL.)		
Bench Mark	B.M.- Temporary.		
Location BM	On right bank at the approach of the bridge.	Elevation	+224.092 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1994 to date		
Rating Operation			
Period of Rating	1994 to date		
Rated by Flot	-		
Rated by Current Meter	1994 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 45 discharge measurements made in 2005.		

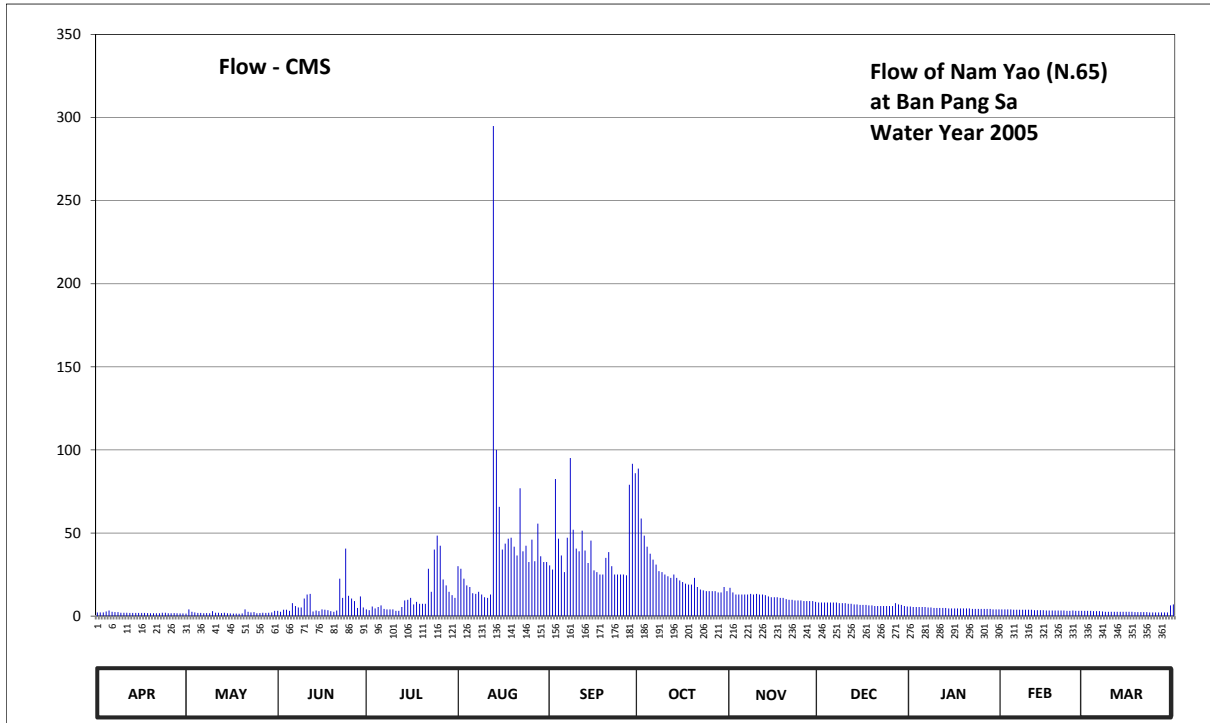
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	211.54	211.55	211.79	211.95	214.73	214.04	216.03	212.33	211.90	211.78	211.64	211.59	
2	211.54	211.55	211.84	211.92	215.51	213.82	215.16	212.30	211.90	211.77	211.64	211.59	
3	211.54	211.63	211.98	211.89	214.62	215.24	214.69	212.30	211.90	211.76	211.64	211.59	
4	211.67	211.66	211.83	211.97	213.53	214.88	214.50	212.30	211.90	211.74	211.64	211.59	
5	211.61	211.63	211.99	211.90	213.25	213.93	214.00	212.29	211.86	211.73	211.64	211.58	
6	211.63	211.59	211.95	212.00	213.13	214.75	213.82	212.30	211.83	211.72	211.64	211.58	
7	211.60	211.59	212.26	211.90	213.34	214.51	213.72	212.30	211.83	211.72	211.63	211.58	
8	211.58	211.60	212.26	211.96	213.26	214.33	213.60	212.56	211.82	211.71	211.64	211.57	
9	211.58	211.68	212.22	212.00	212.86	214.18	213.37	212.36	211.80	211.70	211.63	211.57	
10	211.57	211.70	212.24	212.08	212.70	215.17	213.18	212.31	211.80	211.70	211.63	211.57	
11	211.57	211.70	212.20	211.93	212.58	214.34	212.92	212.30	211.80	211.70	211.63	211.57	
12	211.54	211.59	211.88	212.00	212.65	213.95	212.86	212.30	211.80	211.70	211.64	211.57	
13	211.54	211.59	211.74	212.89	220.10	214.20	212.82	212.30	211.78	211.68	211.64	211.56	
14	211.54	211.57	211.71	212.82	219.59	213.51	212.80	212.23	211.78	211.67	211.64	211.56	
15	211.53	211.55	211.59	212.35	216.38	213.42	212.77	212.04	211.72	211.67	211.64	211.56	
16	211.53	211.55	211.72	212.77	214.59	213.41	212.73	212.01	211.72	211.66	211.62	211.55	
17	211.53	211.54	211.71	212.27	214.66	213.11	212.64	212.00	211.70	211.66	211.62	211.55	
18	211.52	211.54	211.70	212.48	216.03	213.01	212.56	212.02	211.70	211.66	211.62	211.55	
19	211.52	211.53	211.70	212.74	217.07	213.89	212.53	212.00	211.70	211.65	211.62	211.55	
20	211.52	211.55	211.73	212.33	215.77	215.70	212.50	211.98	211.70	211.65	211.62	211.55	
21	211.52	211.57	211.70	212.97	214.84	215.86	212.47	211.96	211.70	211.65	211.61	211.55	
22	211.52	211.60	211.92	213.71	214.31	214.67	212.45	211.96	211.72	211.65	211.61	211.55	
23	211.51	211.66	212.18	214.46	214.02	214.14	212.43	211.96	211.72	211.65	211.60	211.55	
24	211.51	211.60	213.53	215.20	214.68	214.23	212.42	211.95	211.72	211.65	211.60	211.54	
25	211.51	211.67	213.40	214.94	214.58	213.80	212.41	211.94	211.72	211.65	211.60	211.54	
26	211.51	211.65	212.52	214.73	214.44	213.58	212.40	211.93	211.74	211.65	211.60	211.54	
27	211.52	211.66	212.08	214.23	214.49	213.51	212.35	211.92	211.79	211.65	211.60	211.54	
28	211.56	211.68	211.99	214.72	214.78	214.61	212.30	211.90	211.80	211.65	211.59	211.54	
29	211.56	211.72	212.08	214.40	214.61	215.80	212.30	211.90	211.80	211.65	211.64	211.54	
30	211.56	211.77	212.00	213.85	214.16	216.44	212.33	211.90	211.80	211.64	211.64	211.69	
31		211.92		213.95	214.03		212.40		211.80	211.64		211.78	
Mean	211.55	211.63	212.05	212.95	214.69	214.33	213.08	212.13	211.78	211.68	211.62	211.57	
Max	211.67	211.92	213.53	215.20	220.10	216.44	216.03	212.56	211.90	211.78	211.64	211.78	220.10
Min	211.51	211.53	211.59	211.89	212.58	213.01	212.30	211.90	211.70	211.64	211.59	211.54	211.51
Annual Max Momentary Gage Height	221.10		m. (MSL.) ,				at 22.00 Hours ,						
Zero Gage at Bottom Elevation	210.90		m. (MSL.) ,			River Bed	210.85		m. (MSL.)				
Left Bank Elevation		226.41		m. (MSL.) ,									
Right Bank Elevation		224.09		m. (MSL.) ,		Drainage Are	3,476		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.30	10.80	24.40	33.50	263.00	195.40	424.00	60.20	30.70	23.90	15.90	13.10		
2	10.30	10.80	27.30	31.80	359.60	178.00	316.30	57.80	30.70	23.30	15.90	13.10		
3	10.30	15.40	35.20	30.10	249.40	326.20	258.00	57.80	30.70	22.70	15.90	13.10		
4	17.60	17.10	26.70	34.60	155.10	281.60	234.50	57.80	30.70	21.60	15.90	13.10		
5	14.20	15.40	35.80	30.70	133.00	186.70	192.30	57.00	28.40	21.00	15.90	12.50		
6	15.40	13.10	33.50	36.30	123.50	265.50	178.00	57.80	26.70	20.50	15.90	12.50		
7	13.70	13.10	54.70	30.70	140.10	235.70	170.10	57.80	26.70	20.50	15.40	12.50		
8	12.50	13.70	54.70	34.10	133.70	218.80	160.60	78.40	26.10	19.90	15.90	12.00		
9	12.50	18.20	51.50	36.30	102.10	206.50	142.40	62.60	25.00	19.30	15.40	12.00		
10	12.00	19.30	53.10	40.90	89.50	317.50	127.40	58.60	25.00	19.30	15.40	12.00		
11	12.00	19.30	49.90	32.40	80.00	219.70	106.90	57.80	25.00	19.30	15.40	12.00		
12	10.30	13.10	29.50	36.30	85.50	188.30	102.10	57.80	25.00	19.30	15.90	12.00		
13	10.30	13.10	21.60	104.50	1077.90	208.10	98.90	57.80	23.90	18.20	15.90	11.40		
14	10.30	12.00	19.90	98.90	988.90	153.50	97.40	52.30	23.90	17.60	15.90	11.40		
15	9.70	10.80	13.10	61.80	468.10	146.40	95.00	38.60	20.50	17.60	15.90	11.40		
16	9.70	10.80	20.50	95.00	245.60	145.60	91.80	36.90	20.50	17.10	14.80	10.80		
17	9.70	10.30	19.90	55.40	254.30	121.90	84.70	36.30	19.30	17.10	14.80	10.80		
18	9.10	10.30	19.30	72.10	424.00	114.00	78.40	37.50	19.30	17.10	14.80	10.80		
19	9.10	9.70	19.30	92.60	568.70	183.60	76.00	36.30	19.30	16.50	14.80	10.80		
20	9.10	10.80	21.00	60.20	391.80	383.20	73.60	35.20	19.30	16.50	14.80	10.80		
21	9.10	12.00	19.30	110.80	276.60	403.00	71.30	34.10	19.30	16.50	14.20	10.80		
22	9.10	13.70	31.80	169.30	216.90	255.60	69.70	34.10	20.50	16.50	14.20	10.80		
23	8.60	17.10	48.30	230.80	193.90	203.30	68.10	34.10	20.50	16.50	13.70	10.80		
24	8.60	13.70	155.10	321.20	256.80	210.50	67.30	33.50	20.50	16.50	13.70	10.30		
25	8.60	17.60	144.80	289.00	244.40	176.50	66.50	32.90	20.50	16.50	13.70	10.30		
26	8.60	16.50	75.20	263.00	229.00	159.10	65.70	32.40	21.60	16.50	13.70	10.30		
27	9.10	17.10	40.90	210.50	233.60	153.50	61.80	31.80	24.40	16.50	13.70	10.30		
28	11.40	18.20	35.80	261.80	269.20	248.10	57.80	30.70	25.00	16.50	13.10	10.30		
29	11.40	20.50	40.90	225.20	248.10	395.60	57.80	30.70	25.00	16.50	10.30	10.30		
30	11.40	23.30	36.30	180.40	204.90	476.10	60.20	30.70	25.00	15.90	10.30	18.80		
31		31.80		188.30	194.60		65.70		25.00	15.90		23.90		
Total	324.00	468.60	1259.30	3498.50	8901.80	6957.50	3820.30	1377.30	744.00	568.60	420.50	375.00	28715.40	CMSDAY
Mean	10.80	15.10	42.00	112.90	287.20	231.90	123.20	45.90	24.00	18.30	15.00	12.10	78.70	CMS
Max	17.60	31.80	155.10	321.20	1077.90	476.10	424.00	78.40	30.70	23.90	15.90	23.90	1077.90	CMS
Min	8.60	9.70	13.10	30.10	80.00	114.00	57.80	30.70	19.30	15.90	13.10	10.30	8.60	CMS
Runoff	27.99	40.49	108.80	302.27	769.12	601.13	330.07	119.00	64.28	49.13	36.33	32.40	2481.01	MCM
Momentary Peak	1262.50 CMS. at 221.10 m. (MSL.) at 22.00 Hours , on Aug 13 , 2005													
Runoff Yield	22.63 Liters/Second/Square KM.			Momentary Peak Yield				363.193 Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.20	1.50	3.20	4.00	30.00	30.50	88.80	17.00	8.20	5.80	4.00	3.20	
2	2.20	4.00	2.60	3.60	28.50	28.00	58.70	14.20	8.20	5.50	4.00	3.20	
3	2.20	2.60	3.80	5.80	22.50	82.50	48.40	13.00	8.20	5.50	4.00	3.20	
4	2.80	2.20	3.80	4.60	18.50	46.60	41.80	13.00	8.20	5.50	4.00	3.00	
5	3.40	1.90	3.20	5.50	17.50	36.50	37.50	13.00	8.20	5.50	3.80	3.00	
6	2.60	1.90	7.80	6.40	13.80	26.50	34.00	13.00	8.20	5.50	3.80	3.00	
7	2.40	1.70	6.10	4.30	13.40	47.20	31.00	13.00	8.20	5.20	3.80	2.80	
8	2.40	1.80	5.20	4.00	14.60	95.10	27.00	13.40	7.80	5.20	3.80	2.60	
9	2.00	1.70	5.20	4.00	13.00	52.00	26.50	13.00	7.80	4.90	3.80	2.60	
10	2.00	3.00	10.60	4.00	11.40	40.60	25.00	13.40	7.80	4.90	3.80	2.60	
11	2.00	2.00	13.00	3.20	11.00	39.00	24.00	13.00	7.40	4.90	3.80	2.60	
12	1.90	2.00	13.40	3.20	13.00	51.40	23.00	13.00	7.40	4.90	3.60	2.60	
13	1.90	1.80	2.80	5.50	294.89	39.50	25.00	12.60	7.00	4.90	3.60	2.60	
14	1.90	2.00	3.40	9.40	100.00	32.00	23.00	11.80	7.00	4.60	3.60	2.60	
15	1.90	1.70	3.00	9.80	65.70	45.40	21.50	11.40	6.70	4.60	3.60	2.60	
16	1.90	1.60	4.00	11.00	40.00	27.50	20.50	11.40	6.70	4.60	3.40	2.60	
17	1.90	1.50	3.80	7.00	43.60	26.50	19.50	11.40	6.70	4.60	3.40	2.60	
18	1.80	1.50	3.60	8.60	46.60	25.00	19.00	11.00	6.40	4.60	3.40	2.40	
19	1.70	1.40	3.00	7.40	47.20	25.00	19.00	11.00	6.40	4.60	3.40	2.40	
20	1.70	1.60	2.60	7.40	41.80	35.00	23.00	10.20	6.10	4.60	3.40	2.40	
21	1.70	4.00	3.40	7.40	36.50	38.50	17.50	9.80	6.10	4.60	3.40	2.40	
22	1.70	2.60	22.50	28.50	76.90	30.00	16.00	9.80	6.10	4.30	3.40	2.40	
23	2.00	2.20	11.00	14.60	39.00	25.00	15.50	9.40	6.10	4.30	3.20	2.20	
24	2.00	2.40	40.60	40.00	42.40	25.00	15.00	9.40	6.10	4.30	3.20	2.20	
25	1.70	1.70	12.20	48.40	32.50	25.00	15.00	9.40	6.10	4.30	3.40	2.20	
26	1.70	1.80	10.60	42.40	46.00	25.00	15.00	9.00	6.10	4.30	3.20	2.20	
27	1.80	2.00	9.00	22.00	33.00	24.50	15.00	9.00	7.80	4.30	3.20	2.20	
28	1.70	1.90	4.90	18.50	55.60	79.00	14.20	9.00	7.00	4.30	3.20	2.20	
29	1.60	2.00	11.80	14.60	36.00	91.60	14.20	9.00	6.70	4.00	3.20	2.20	
30	1.60	2.20	5.20	12.60	32.50	86.00	17.50	8.60	6.10	4.00	3.20	2.20	
31		3.20		11.00	32.50		15.00		5.80	4.00	3.20	2.20	
Total	60.30	65.40	235.30	378.70	1349.89	1281.40	806.10	345.20	218.60	147.10	100.20	88.20	5076.39 CMSDAY
Mean	2.01	2.11	7.84	12.22	43.54	42.71	26.00	11.51	7.05	4.75	3.58	2.85	13.91 CMS
Max	3.40	4.00	40.60	48.40	294.89	95.10	88.80	17.00	8.20	5.80	4.00	7.00	294.89 CMS
Min	1.60	1.40	2.60	3.20	11.00	24.50	14.20	8.60	5.80	4.00	3.20	2.20	1.40 CMS
Runoff	5.21	5.65	20.33	32.72	116.63	110.71	69.65	29.83	18.89	12.71	8.66	7.62	438.60 MCM
Momentary Peak	358.00 CMS. at 5.80 m. (A.D.) at 07.00 Hours , on Aug 13 , 2005												
Runoff Yield	22.40 Liters/Second/Square KM.			Momentary Peak Yield			576.490 Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Huai Om Sing at Ban Noen Phoem , Phitsanulok (N.66)

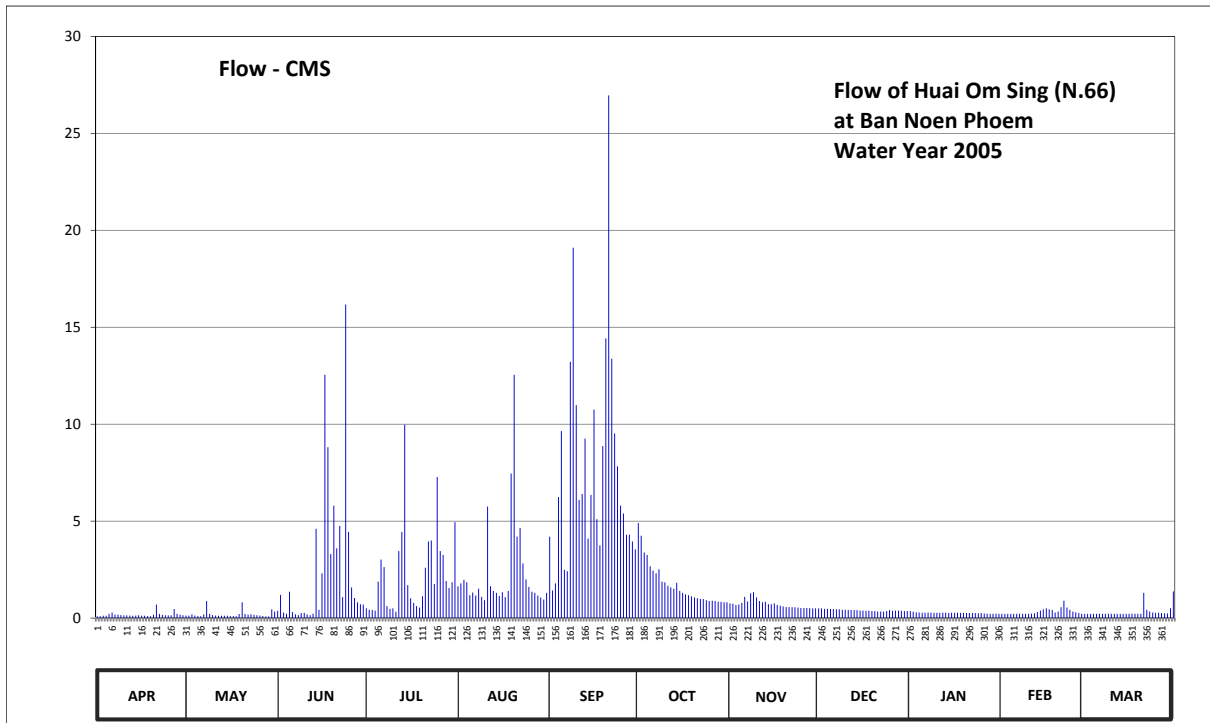
Lat 17 - 07 - 22 N Long 100 - 53 - 58 E

Location : on right bank at Ban Om Sing.

	Ban Noen Phoem	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	152 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+201.220 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank about 8 meters from the top staff gage.	Elevation	+208.617 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1995 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 15 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	201.78	201.83	202.05	202.13	202.68	203.34	203.48	202.28	202.13	202.04	201.92	201.92	
2	201.80	201.83	202.50	202.09	202.73	202.61	203.35	202.27	202.13	202.02	201.92	201.92	
3	201.82	201.89	201.99	202.08	202.79	202.73	203.17	202.24	202.12	202.00	201.92	201.92	
4	201.82	201.83	201.92	202.06	202.75	203.75	203.14	202.25	202.12	201.99	201.92	201.92	
5	201.91	201.81	202.58	202.76	202.49	204.30	202.99	202.29	202.11	201.98	201.92	201.92	
6	201.99	201.80	202.01	203.08	202.56	202.94	202.93	202.45	202.11	201.98	201.92	201.92	
7	201.88	201.89	201.90	202.98	202.48	202.92	202.89	202.33	202.10	201.99	201.92	201.92	
8	201.88	202.34	201.86	202.21	202.64	204.79	202.95	202.54	202.10	201.98	201.92	201.92	
9	201.86	201.91	201.96	202.12	202.45	205.47	202.76	202.57	202.09	201.97	201.92	201.92	
10	201.84	201.86	201.97	202.13	202.36	204.49	202.75	202.43	202.09	201.97	201.92	201.92	
11	201.84	201.83	201.89	202.02	203.65	203.72	202.69	202.34	202.08	201.97	201.93	201.92	
12	201.83	201.82	201.85	203.19	202.68	203.78	202.66	202.31	202.08	201.98	201.95	201.92	
13	201.82	201.82	201.93	203.39	202.60	204.24	202.64	202.32	202.07	201.98	202.01	201.92	
14	201.83	201.82	203.42	204.35	202.55	203.32	202.74	202.26	202.07	201.96	202.06	201.92	
15	201.85	201.82	202.09	202.70	202.47	203.77	202.60	202.26	202.06	201.98	202.10	201.92	
16	201.82	201.81	202.89	202.41	202.57	204.46	202.55	202.28	202.06	201.97	202.13	201.92	
17	201.82	201.81	204.70	202.29	202.44	203.52	202.51	202.24	202.05	201.98	202.10	201.92	
18	201.81	201.80	204.17	202.21	202.60	203.25	202.49	202.22	202.05	201.97	202.08	201.92	
19	201.80	201.91	203.15	202.16	203.96	204.18	202.46	202.20	202.04	201.97	201.99	201.92	
20	201.87	202.31	203.66	202.46	204.70	204.94	202.43	202.18	202.04	201.96	202.03	201.92	
21	202.25	201.91	203.22	202.97	203.34	206.18	202.41	202.18	202.03	201.96	202.17	202.55	
22	201.91	201.88	203.45	203.29	203.43	204.81	202.39	202.17	202.03	201.96	202.35	202.09	
23	201.87	201.90	202.44	203.30	203.03	204.28	202.39	202.17	202.03	201.96	202.16	202.03	
24	201.85	201.87	205.15	202.72	202.80	204.02	202.36	202.16	202.04	201.95	202.09	201.99	
25	201.84	201.85	203.39	203.93	202.67	203.66	202.34	202.15	202.07	201.96	202.03	201.97	
26	201.84	201.83	202.66	203.19	202.58	203.58	202.35	202.15	202.05	201.94	202.00	201.98	
27	202.11	201.81	202.42	203.14	202.55	203.36	202.34	202.15	202.06	201.93	201.96	201.96	
28	201.92	201.79	202.31	202.77	202.48	203.36	202.32	202.14	202.06	201.92	201.92	201.95	
29	201.87	201.79	202.26	202.65	202.43	203.29	202.32	202.13	202.05	201.92		201.94	
30	201.85	202.10	202.25	202.75	202.38	203.21	202.31	202.13	202.04	201.92		202.13	
31		202.03		203.49	202.55		202.31		202.04	201.92		202.59	
Mean	201.87	201.89	202.67	202.74	202.79	203.88	202.65	202.26	202.07	201.97	202.01	201.99	
Max	202.25	202.34	205.15	204.35	204.70	206.18	203.48	202.57	202.13	202.04	202.35	202.59	206.18
Min	201.78	201.79	201.85	202.02	202.36	202.61	202.31	202.13	202.03	201.92	201.92	201.92	201.78
Annual Max Momentary Gage Height	206.52		m. (MSL.) ,				at 09.00 Hours , on Sep 21 , 2005						
Zero Gage at Bottom Elevation	201.22		m. (MSL.) ,			River Bed	201.70	m. (MSL.)					
Left Bank Elevation		206.47		m. (MSL.) ,									
Right Bank Elevation		206.15		m. (MSL.) ,		Drainage Are	152	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.09	0.13	0.38	0.50	1.64	4.20	4.90	0.76	0.50	0.36	0.22	0.22	
2	0.10	0.13	1.20	0.43	1.79	1.43	4.25	0.74	0.50	0.33	0.22	0.22	
3	0.12	0.19	0.29	0.42	1.97	1.79	3.38	0.68	0.48	0.30	0.22	0.22	
4	0.12	0.13	0.22	0.39	1.85	6.25	3.26	0.70	0.48	0.29	0.22	0.22	
5	0.21	0.11	1.36	1.88	1.18	9.65	2.67	0.78	0.47	0.28	0.22	0.22	
6	0.29	0.10	0.31	3.02	1.32	2.49	2.45	1.10	0.47	0.28	0.22	0.22	
7	0.18	0.19	0.20	2.63	1.16	2.42	2.31	0.86	0.45	0.29	0.22	0.22	
8	0.18	0.88	0.16	0.62	1.52	13.22	2.52	1.28	0.45	0.28	0.22	0.22	
9	0.16	0.21	0.26	0.48	1.10	19.10	1.88	1.34	0.43	0.27	0.22	0.22	
10	0.14	0.16	0.27	0.50	0.92	10.98	1.85	1.06	0.43	0.27	0.22	0.22	
11	0.14	0.13	0.19	0.33	5.75	6.10	1.67	0.88	0.42	0.27	0.23	0.22	
12	0.13	0.12	0.15	3.46	1.64	6.40	1.58	0.82	0.42	0.28	0.25	0.22	
13	0.12	0.12	0.23	4.45	1.40	9.26	1.52	0.84	0.41	0.28	0.31	0.22	
14	0.13	0.12	4.60	9.98	1.30	4.10	1.82	0.72	0.41	0.26	0.39	0.22	
15	0.15	0.12	0.43	1.70	1.14	6.35	1.40	0.72	0.39	0.28	0.45	0.22	
16	0.12	0.11	2.31	1.02	1.34	10.75	1.30	0.76	0.39	0.27	0.50	0.22	
17	0.12	0.11	12.55	0.78	1.08	5.10	1.22	0.68	0.38	0.28	0.45	0.22	
18	0.11	0.10	8.81	0.62	1.40	3.75	1.18	0.64	0.38	0.27	0.42	0.22	
19	0.10	0.21	3.30	0.54	7.46	8.87	1.12	0.60	0.36	0.27	0.29	0.22	
20	0.17	0.82	5.80	1.12	12.55	14.42	1.06	0.57	0.36	0.26	0.34	0.22	
21	0.70	0.21	3.60	2.60	4.20	26.96	1.02	0.57	0.34	0.26	0.56	1.30	
22	0.21	0.18	4.75	3.95	4.65	13.38	0.98	0.56	0.34	0.26	0.90	0.43	
23	0.17	0.20	1.08	4.00	2.82	9.52	0.98	0.56	0.34	0.26	0.54	0.34	
24	0.15	0.17	16.17	1.76	2.00	7.83	0.92	0.54	0.36	0.25	0.43	0.29	
25	0.14	0.15	4.45	7.28	1.61	5.80	0.88	0.52	0.41	0.26	0.34	0.27	
26	0.14	0.13	1.58	3.46	1.36	5.40	0.90	0.52	0.38	0.24	0.30	0.28	
27	0.47	0.11	1.04	3.26	1.30	4.30	0.88	0.52	0.39	0.23	0.26	0.26	
28	0.22	0.09	0.82	1.91	1.16	4.30	0.84	0.51	0.39	0.22	0.22	0.25	
29	0.17	0.09	0.72	1.55	1.06	3.95	0.84	0.50	0.38	0.22	0.22	0.24	
30	0.15	0.45	0.70	1.85	0.96	3.55	0.82	0.50	0.36	0.22	0.22	0.50	
31		0.34		4.95	1.30		0.82		0.36	0.22		1.38	
Total	5.40	6.31	77.93	71.44	71.93	231.62	53.22	21.83	12.63	8.31	9.38	9.94	579.94 CMSDAY
Mean	0.18	0.20	2.60	2.30	2.32	7.72	1.72	0.73	0.41	0.27	0.34	0.32	1.59 CMS
Max	0.70	0.88	16.17	9.98	12.55	26.96	4.90	1.34	0.50	0.36	0.90	1.38	26.96 CMS
Min	0.09	0.09	0.15	0.33	0.92	1.43	0.82	0.50	0.34	0.22	0.22	0.22	0.09 CMS
Runoff	0.47	0.55	6.73	6.17	6.22	20.01	4.60	1.89	1.09	0.72	0.81	0.86	50.11 MCM
Momentary Peak	31.16	CMS.	at 206.52 m. (MSL.)	at 09.00 Hours	, on Sep 21, 2005								
Runoff Yield	10.45	Liters/Second/Square KM.			Momentary Peak Yield	205.000	Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Koei Chai, Nakhon Sawan (N.67)

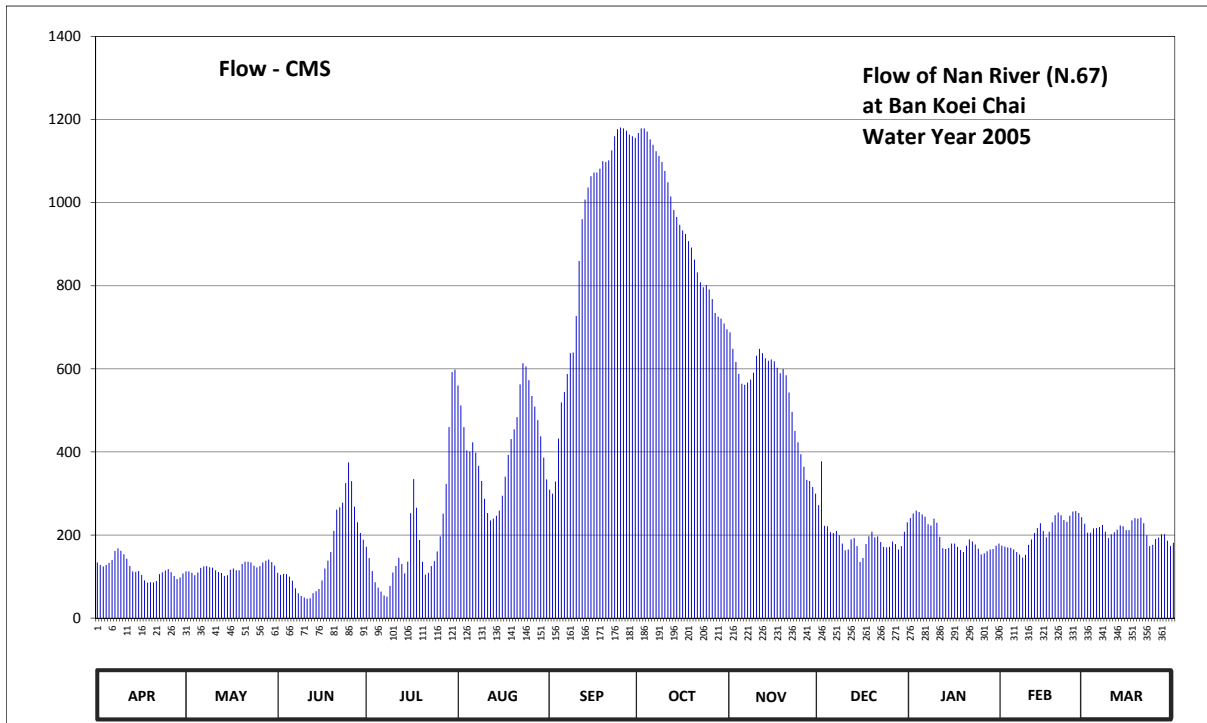
Lat 15 - 52 - 05 N Long 100 - 16 - 07 E

Location : on right bank at the bridge near Wat Koei Chai Nua

	Ban Koei Chai	Amphoe Chum Saeng	Changwat Nakhon Sawan
Drainage Area	57,384 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+13.120 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage observe's house	Elevation	+27.470 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1997 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Mae Yom side flow. Stage-discharge relation defined by 51 discharge measurements made in 2005.		

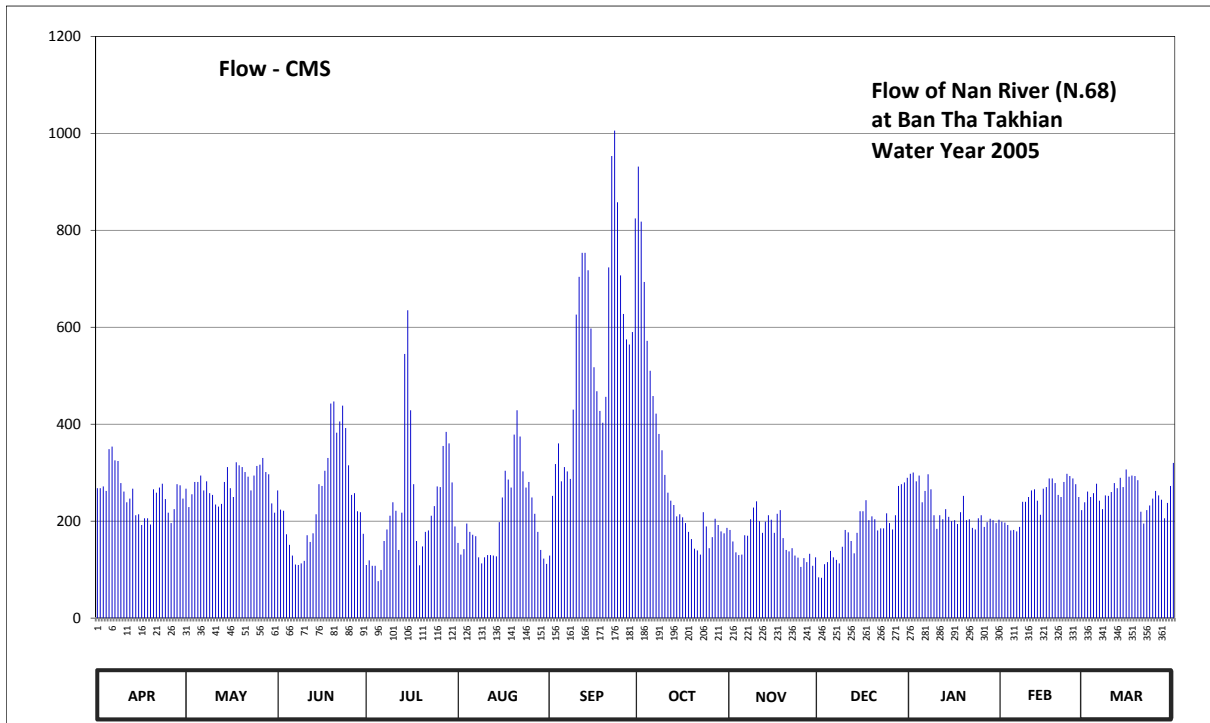
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	20.93	20.57	20.50	21.55	23.40	21.53	27.06	24.25	21.22	20.94	20.30	20.82	
2	20.83	20.57	20.40	21.10	23.06	21.45	27.12	23.99	22.06	21.04	20.28	20.61	
3	20.77	20.50	20.46	20.58	22.69	21.69	27.12	23.78	20.77	21.10	20.26	20.61	
4	20.83	20.39	20.44	20.06	22.26	22.48	27.08	23.59	20.76	21.07	20.25	20.71	
5	20.91	20.52	20.32	19.80	22.24	23.11	26.98	23.43	20.62	21.02	20.21	20.72	
6	21.03	20.71	20.13	19.60	22.41	23.29	26.91	23.41	20.60	20.97	20.15	20.74	
7	21.38	20.77	19.77	19.37	22.22	23.59	26.83	23.45	20.65	20.81	20.09	20.79	
8	21.48	20.78	19.50	19.30	21.98	23.92	26.77	23.50	20.55	20.78	20.01	20.63	
9	21.39	20.74	19.34	19.88	21.70	23.93	26.69	23.61	20.35	20.93	20.08	20.48	
10	21.25	20.72	19.25	20.52	21.35	24.51	26.57	23.88	20.19	20.84	20.32	20.57	
11	21.07	20.62	19.18	20.79	21.05	25.33	26.42	23.99	20.21	20.51	20.45	20.62	
12	20.79	20.54	19.21	21.11	20.89	25.92	26.23	23.92	20.45	20.24	20.60	20.68	
13	20.57	20.49	19.51	20.87	20.93	26.19	26.05	23.84	20.48	20.22	20.72	20.78	
14	20.55	20.36	19.62	20.48	20.99	26.35	25.95	23.80	20.29	20.25	20.83	20.76	
15	20.58	20.39	19.74	20.96	21.10	26.50	25.84	23.82	19.90	20.35	20.65	20.67	
16	20.40	20.64	20.14	22.45	21.41	26.55	25.76	23.79	20.00	20.35	20.50	20.67	
17	20.15	20.69	20.69	22.93	21.78	26.55	25.71	23.69	20.34	20.27	20.63	20.89	
18	20.04	20.62	21.00	22.55	22.18	26.60	25.61	23.60	20.52	20.20	20.85	20.94	
19	20.06	20.62	21.34	21.77	22.47	26.70	25.52	23.67	20.63	20.15	21.00	20.93	
20	20.05	20.87	22.04	20.95	22.65	26.69	25.35	23.57	20.50	20.30	21.06	20.95	
21	20.12	20.96	22.52	20.42	22.86	26.71	25.17	23.28	20.52	20.45	21.00	20.83	
22	20.44	20.96	22.56	20.50	23.42	26.84	25.03	22.95	20.39	20.40	20.90	20.55	
23	20.53	20.93	22.63	20.79	23.76	27.02	24.96	22.62	20.27	20.33	20.86	20.29	
24	20.61	20.80	22.89	20.98	23.71	27.11	24.99	22.41	20.26	20.23	20.99	20.32	
25	20.66	20.73	23.09	21.36	23.49	27.13	24.93	22.19	20.27	20.09	21.08	20.46	
26	20.53	20.78	22.91	21.88	23.22	27.12	24.78	21.96	20.40	20.12	21.09	20.49	
27	20.35	20.93	22.57	22.44	23.04	27.09	24.56	21.72	20.34	20.17	21.05	20.57	
28	20.21	21.00	22.25	22.88	22.81	27.04	24.50	21.70	20.21	20.21	20.96	20.57	
29	20.28	21.04	21.98	23.35	22.52	27.02	24.47	21.58	20.29	20.22		20.42	
30	20.47	20.94	21.78	23.62	22.13	27.00	24.39	21.45	20.63	20.30		20.29	
31		20.80		23.66	21.73		24.30		20.85	20.35		20.37	
Mean	20.64	20.71	20.93	21.24	22.30	25.43	25.80	23.21	20.50	20.49	20.61	20.64	
Max	21.48	21.04	23.09	23.66	23.76	27.13	27.12	24.25	22.06	21.10	21.09	20.95	27.13
Min	20.04	20.36	19.18	19.30	20.89	21.45	24.30	21.45	19.90	20.09	20.01	20.29	19.18
Annual Max Momentary Gage Height	27.14		m. (MSL.) ,			at 11.00 Hours ,	on Sep 25 , 2005						
Zero Gage at Bottom Elevation	13.12		m. (MSL.) ,			River Bed	12.51	m. (MSL.)					
Left Bank Elevation		28.98		m. (MSL.) ,									
Right Bank Elevation		27.40		m. (MSL.) ,		Drainage Are	57,384	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	134.10	112.50	108.90	171.90	559.90	309.20	1167.40	687.60	272.00	240.70	174.30	227.20		
2	128.00	112.50	103.80	144.50	511.80	299.40	1178.80	648.20	377.20	251.90	172.30	205.70		
3	124.40	108.90	106.80	113.00	459.70	328.80	1178.80	616.40	222.00	258.60	170.20	205.70		
4	128.00	103.30	105.80	86.40	403.40	432.20	1171.20	587.60	220.90	255.20	169.20	215.90		
5	132.90	109.90	99.70	73.10	400.70	518.90	1152.20	564.10	206.70	249.60	165.20	216.90		
6	140.20	120.70	90.00	63.90	423.00	544.30	1138.90	561.30	204.70	244.00	159.10	218.90		
7	161.60	124.40	71.60	54.40	398.10	587.60	1123.70	566.90	209.80	226.10	153.10	224.00		
8	167.70	125.00	59.80	51.60	366.70	637.60	1112.60	574.00	199.60	223.00	145.60	207.80		
9	162.20	122.50	53.20	77.20	330.00	639.10	1098.00	590.70	179.40	239.60	152.10	192.50		
10	153.60	121.30	49.50	109.90	287.10	726.90	1076.30	631.50	163.10	229.50	176.30	201.70		
11	142.70	115.20	46.60	125.60	253.00	859.50	1049.10	648.20	165.20	195.60	189.50	206.70		
12	125.60	110.90	47.90	145.10	235.10	960.20	1014.60	637.60	189.50	168.20	204.70	212.80		
13	112.50	108.40	60.20	130.50	239.60	1007.30	982.50	625.50	192.50	166.20	216.90	223.00		
14	111.40	101.70	64.70	107.90	246.30	1036.40	965.40	619.40	173.30	169.20	228.40	220.90		
15	113.00	103.30	70.00	136.00	258.60	1063.60	946.60	622.50	135.30	179.40	209.80	211.80		
16	103.80	116.40	90.50	252.50	294.50	1072.60	932.90	617.90	144.70	179.40	194.60	211.80		
17	91.00	119.50	119.50	334.50	340.50	1072.60	924.40	602.80	178.30	171.20	207.80	235.10		
18	85.40	115.20	138.40	265.50	392.90	1081.70	907.30	589.10	196.60	164.10	230.60	240.70		
19	86.40	115.20	159.10	187.80	430.90	1099.90	891.90	599.70	207.80	159.10	247.40	239.60		
20	85.90	130.50	210.00	135.40	454.40	1098.00	862.90	584.60	194.60	174.30	254.10	241.80		
21	89.50	136.00	261.00	104.80	483.60	1101.70	832.10	542.90	196.60	189.50	247.40	228.40		
22	105.80	136.00	267.00	108.90	562.70	1125.60	808.20	496.30	183.40	184.40	236.20	199.60		
23	110.40	134.10	277.50	125.60	613.40	1159.80	796.20	450.50	171.20	177.30	231.70	173.30		
24	114.60	126.20	325.00	137.20	605.80	1176.90	801.40	423.00	170.20	167.20	246.30	176.30		
25	117.70	121.90	374.50	160.40	572.60	1180.70	791.10	394.20	171.20	153.10	256.40	190.50		
26	110.40	125.00	329.50	196.70	534.40	1178.80	767.80	364.10	184.40	156.00	257.50	193.60		
27	101.20	134.10	268.50	251.40	509.00	1173.10	734.50	332.60	178.30	161.10	253.00	201.70		
28	94.10	138.40	230.50	323.10	476.50	1163.60	725.40	330.00	165.20	165.20	242.90	201.70		
29	97.60	140.80	205.00	459.80	437.40	1159.80	720.90	315.30	173.30	166.20		186.50		
30	107.40	134.70	188.50	592.20	386.30	1156.00	708.80	299.40	207.80	174.30		173.30		
31		126.20		598.20	333.90		695.10		230.60	179.40		181.40		
Total	3539.10	3750.70	4583.00	5825.00	12801.80	26951.80	29257.00	16123.90	6065.40	6018.60	5792.60	6466.80	127175.70	CMSDAY
Mean	118.00	121.00	152.80	187.90	413.00	898.40	943.80	537.50	195.70	194.10	206.90	208.60	348.40	CMS
Max	167.70	140.80	374.50	598.20	613.40	1180.70	1178.80	687.60	377.20	258.60	257.50	241.80	1180.70	CMS
Min	85.40	101.70	46.60	51.60	235.10	299.40	695.10	299.40	135.30	153.10	145.60	173.30	46.60	CMS
Runoff	305.78	324.06	395.97	503.28	1106.08	2328.64	2527.80	1393.10	524.05	520.01	500.48	558.73	10987.98	MCM
Momentary Peak		1182.60	CMS. at 27.14 m. (MSL.)											CMS at 11.00 Hours , on Sep 25 , 2005
Runoff Yield		6.07	Liters/Second/Square KM.											Momentary Peak Yield 20,609 Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	268.10	266.90	263.50	109.60	155.00	129.10	931.50	182.00	84.00	297.80	199.00	238.80		
2	268.10	228.90	223.70	119.20	130.90	252.00	818.00	158.00	83.20	300.30	197.00	261.20		
3	271.60	255.40	221.60	108.00	142.40	317.80	693.50	135.70	111.20	282.20	192.00	249.80		
4	262.40	281.00	173.00	108.00	195.00	360.40	572.00	130.00	115.60	294.20	181.00	257.70		
5	348.70	281.00	151.00	76.30	178.00	282.20	510.20	130.90	138.50	238.80	182.00	277.40		
6	353.90	294.20	129.10	99.20	172.00	311.50	458.00	171.00	125.50	262.40	179.00	242.10		
7	325.30	263.50	110.40	159.00	169.00	302.80	421.90	170.00	120.10	296.60	188.00	224.80		
8	324.00	282.20	109.60	183.00	125.50	287.00	380.00	204.00	112.90	265.80	239.90	253.10		
9	278.60	257.70	112.90	211.10	112.90	430.00	346.10	227.90	147.10	212.10	239.90	252.00		
10	261.20	254.30	118.30	238.80	125.50	626.00	295.40	241.00	182.00	184.00	249.80	260.10		
11	238.80	234.40	171.00	221.60	130.00	704.00	258.90	200.00	177.00	212.10	263.50	278.60		
12	246.50	230.00	157.00	140.50	130.00	753.50	242.10	176.00	159.00	204.00	265.80	268.10		
13	266.90	235.50	175.00	217.40	129.10	753.50	233.30	199.00	133.80	224.80	242.10	289.40		
14	212.10	281.00	214.20	545.00	127.30	717.50	210.00	212.10	176.00	209.00	213.20	270.40		
15	214.20	311.50	276.20	635.00	198.00	597.50	214.20	203.00	220.60	200.00	266.90	306.50		
16	192.00	268.10	272.70	428.70	248.70	517.50	208.00	176.00	220.60	202.00	270.40	291.80		
17	206.00	249.80	304.00	276.20	304.00	468.10	196.00	215.30	243.20	194.00	288.20	294.20		
18	206.00	321.50	330.50	159.00	285.80	427.30	178.00	222.70	202.00	218.40	288.20	293.00		
19	193.00	315.30	442.60	108.80	269.20	403.00	163.00	165.00	210.00	252.00	278.60	284.60		
20	265.80	311.50	446.80	148.00	378.70	456.60	143.30	140.50	204.00	202.00	254.30	219.50		
21	258.90	301.50	382.70	178.00	428.70	723.50	139.50	137.60	181.00	204.00	249.80	195.00		
22	269.20	291.80	405.70	181.00	374.70	953.10	130.90	144.20	185.00	186.00	281.00	222.70		
23	277.40	263.50	438.40	211.10	302.80	1005.80	218.40	129.10	185.00	183.00	297.80	232.20		
24	245.40	294.20	392.20	231.10	269.20	858.00	189.00	124.60	216.30	206.00	293.00	246.50		
25	217.40	314.00	315.30	271.60	281.00	707.00	144.20	105.60	196.00	212.10	288.20	262.40		
26	196.00	316.50	254.30	270.40	248.70	627.50	167.00	123.70	183.00	188.00	276.20	253.10		
27	224.80	330.50	257.70	355.20	215.30	575.00	205.00	115.60	212.10	198.00	249.80	244.30		
28	276.20	301.50	220.60	384.10	178.00	564.50	192.00	132.80	272.70	205.00	222.70	206.00		
29	273.90	296.60	218.40	360.40	140.50	590.00	179.00	108.00	276.20	202.00		237.70		
30	246.50	236.60	174.00	279.80	122.80	824.40	175.00	125.50	279.80	196.00		272.70		
31		217.40		189.00	112.00		186.00		289.40	203.00		320.30		
Total	7688.90	8587.80	7462.40	7204.10	6380.70	16526.10	9399.40	4906.80	5642.80	6935.60	6837.30	8006.00	95577.90	CMSDAY
Mean	256.30	277.00	248.70	232.40	205.80	550.90	303.20	163.60	182.00	223.70	244.20	258.30	261.90	CMS
Max	353.90	330.50	446.80	635.00	428.70	1005.80	931.50	241.00	289.40	300.30	297.80	320.30	1005.80	CMS
Min	192.00	217.40	109.60	76.30	112.00	129.10	130.90	105.60	83.20	183.00	179.00	195.00	76.30	CMS
Runoff	664.32	741.99	644.75	622.43	551.29	1427.86	812.11	423.95	487.54	599.24	590.74	691.72	8257.93	MCM
Momentary Peak	1024.50	CMS	at 43.65 m. (MSL.)	at 06.00 Hours	on Sep 23, 2005									
Runoff Yield	10.47	Liters/Second/Square KM.			Momentary Peak Yield	40.951	Liters/Second/Square KM.							

WATER YEAR : 2005

NAN RIVER BASIN

Khek River at Ban Tan Tawan , Phetchabun (N.73)

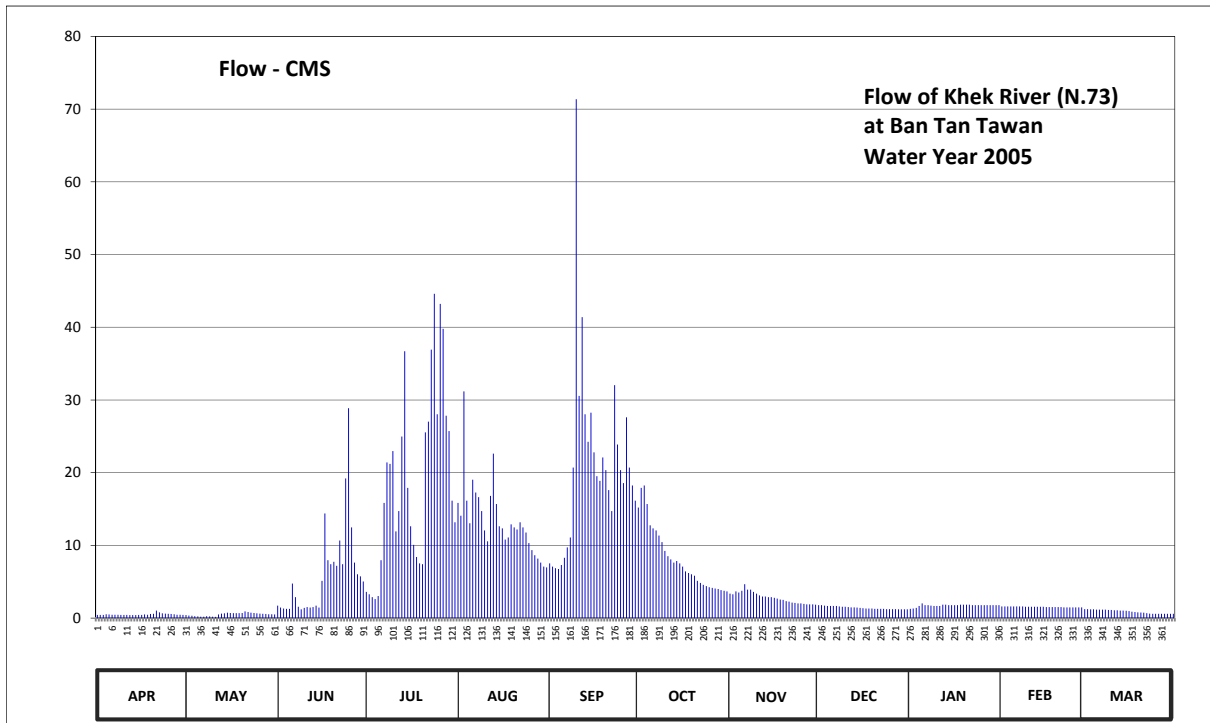
Lat 16 - 33 - 24 N Long 100 - 53 - 44 E

Location : on right bank at Ban Tan Tawan.

	Ban Tan Tawan	Amphoe Khao Kho	Changwat Phetchabun
Drainage Area	213 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+684.529 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank near the gage site.		Elevation +693.038 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2002 to date		
Rating Operation			
Period of Rating	2002 to date		
Rated by Flot	-		
Rated by Current Meter	2002 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	685.48	685.47	685.82	686.10	687.14	686.52	687.10	686.07	685.83	685.72	685.80	685.71	
2	685.48	685.45	685.76	686.06	687.03	686.48	687.27	686.06	685.83	685.73	685.80	685.71	
3	685.48	685.44	685.73	686.01	687.99	686.46	687.29	686.11	685.82	685.75	685.80	685.70	
4	685.51	685.42	685.72	685.97	687.16	686.45	687.13	686.09	685.81	685.81	685.80	685.70	
5	685.50	685.41	685.72	686.03	686.96	686.50	686.94	686.12	685.81	685.87	685.80	685.69	
6	685.49	685.40	686.24	686.56	687.34	686.59	686.91	686.23	685.81	685.83	685.80	685.69	
7	685.49	685.40	686.01	687.14	687.23	686.71	686.89	686.14	685.81	685.83	685.80	685.69	
8	685.49	685.42	685.79	687.48	687.19	686.82	686.84	686.14	685.80	685.82	685.80	685.69	
9	685.48	685.41	685.70	687.47	687.07	687.44	686.77	686.10	685.79	685.81	685.79	685.68	
10	685.48	685.40	685.75	687.57	686.89	689.62	686.67	686.07	685.79	685.81	685.79	685.68	
11	685.48	685.39	685.78	686.88	686.78	687.96	686.61	686.04	685.78	685.81	685.79	685.67	
12	685.47	685.50	685.76	687.07	687.20	688.46	686.57	686.02	685.77	685.84	685.79	685.67	
13	685.47	685.54	685.78	687.68	687.55	687.84	686.53	686.02	685.77	685.84	685.79	685.66	
14	685.47	685.55	685.82	688.25	687.13	687.64	686.55	686.01	685.76	685.83	685.79	685.66	
15	685.48	685.58	685.76	687.27	686.93	687.85	686.52	686.01	685.75	685.83	685.79	685.65	
16	685.48	685.57	686.28	686.93	686.91	687.56	686.48	686.00	685.74	685.83	685.78	685.64	
17	685.50	685.56	687.05	686.74	686.80	687.37	686.42	685.98	685.73	685.83	685.78	685.62	
18	685.49	685.56	686.56	686.60	686.82	687.33	686.40	685.96	685.73	685.84	685.78	685.61	
19	685.52	685.56	686.51	686.52	686.95	687.52	686.38	685.95	685.73	685.84	685.78	685.60	
20	685.53	685.57	686.54	686.51	686.92	687.42	686.36	685.92	685.72	685.84	685.78	685.59	
21	685.66	685.63	686.49	687.71	686.90	687.25	686.28	685.91	685.72	685.84	685.78	685.58	
22	685.60	685.61	686.79	687.79	686.97	687.07	686.25	685.89	685.72	685.83	685.77	685.56	
23	685.55	685.58	686.51	688.26	686.92	688.03	686.22	685.88	685.72	685.83	685.77	685.54	
24	685.54	685.57	687.35	688.60	686.87	687.62	686.20	685.87	685.71	685.83	685.77	685.53	
25	685.53	685.55	687.88	687.84	686.76	687.42	686.18	685.87	685.71	685.83	685.77	685.53	
26	685.52	685.54	686.92	688.54	686.68	687.31	686.17	685.86	685.71	685.83	685.77	685.53	
27	685.51	685.53	686.53	688.39	686.62	687.82	686.16	685.85	685.71	685.83	685.77	685.53	
28	685.49	685.52	686.38	687.83	686.58	687.44	686.15	685.85	685.70	685.83	685.77	685.53	
29	685.49	685.51	686.35	687.72	686.53	687.29	686.13	685.85	685.70	685.83	685.77	685.53	
30	685.48	685.51	686.27	687.16	686.48	687.16	686.12	685.84	685.70	685.83	685.77	685.53	
31		685.50		686.97	686.47		686.11		685.70	685.83		685.53	
Mean	685.50	685.50	686.25	687.21	686.96	687.36	686.54	685.99	685.75	685.82	685.79	685.62	
Max	685.66	685.63	687.88	688.60	687.99	689.62	687.29	686.23	685.83	685.87	685.80	685.71	689.62
Min	685.47	685.39	685.70	685.97	686.47	686.45	686.11	685.84	685.70	685.72	685.77	685.53	685.39
Annual Max Momentary Gage Height	690.06		m. (MSL.) ,										at 09.00 Hours , on Sep 10 , 2005
Zero Gage at Bottom Elevation	684.50		m. (MSL.) ,				River Bed 685.11		m. (MSL.)				
Left Bank Elevation		690.91		m. (MSL.) ,									
Right Bank Elevation		690.91		m. (MSL.) ,		Drainage Are	213		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.44	0.41	1.72	3.60	15.84	7.52	15.20	3.36	1.78	1.28	1.60	1.24	
2	0.44	0.35	1.44	3.28	14.08	7.08	17.92	3.28	1.78	1.32	1.60	1.24	
3	0.44	0.32	1.32	2.88	31.19	6.86	18.24	3.68	1.72	1.40	1.60	1.20	
4	0.53	0.26	1.28	2.62	16.16	6.75	15.68	3.52	1.66	1.66	1.60	1.20	
5	0.50	0.23	1.28	3.04	13.04	7.30	12.76	3.76	1.66	2.02	1.60	1.16	
6	0.47	0.20	4.76	7.96	19.04	8.29	12.34	4.67	1.66	1.78	1.60	1.16	
7	0.47	0.20	2.88	15.84	17.28	9.72	12.06	3.92	1.66	1.78	1.60	1.16	
8	0.47	0.26	1.56	21.40	16.64	11.08	11.36	3.92	1.60	1.72	1.60	1.16	
9	0.44	0.23	1.20	21.22	14.72	20.70	10.44	3.60	1.56	1.66	1.56	1.12	
10	0.44	0.20	1.40	22.98	12.06	71.37	9.24	3.36	1.56	1.66	1.56	1.12	
11	0.44	0.18	1.52	11.92	10.56	30.56	8.52	3.12	1.52	1.66	1.56	1.08	
12	0.41	0.50	1.44	14.72	16.80	41.38	8.07	2.96	1.48	1.84	1.56	1.08	
13	0.41	0.62	1.52	24.98	22.62	28.04	7.63	2.96	1.48	1.84	1.56	1.04	
14	0.41	0.65	1.72	36.70	15.68	24.24	7.85	2.88	1.44	1.78	1.56	1.04	
15	0.44	0.74	1.44	17.92	12.62	28.25	7.52	2.88	1.40	1.78	1.56	1.00	
16	0.44	0.71	5.12	12.62	12.34	22.80	7.08	2.80	1.36	1.78	1.52	0.96	
17	0.50	0.68	14.40	10.08	10.80	19.52	6.42	2.68	1.32	1.78	1.52	0.88	
18	0.47	0.68	7.96	8.40	11.08	18.88	6.20	2.56	1.32	1.84	1.52	0.84	
19	0.56	0.68	7.41	7.52	12.90	22.10	6.02	2.50	1.32	1.84	1.52	0.80	
20	0.59	0.71	7.74	7.41	12.48	20.35	5.84	2.32	1.28	1.84	1.52	0.77	
21	1.04	0.92	7.19	25.54	12.20	17.60	5.12	2.26	1.28	1.84	1.52	0.74	
22	0.80	0.84	10.68	27.01	13.18	14.72	4.85	2.14	1.28	1.78	1.48	0.68	
23	0.65	0.74	7.41	36.92	12.48	32.03	4.58	2.08	1.28	1.78	1.48	0.62	
24	0.62	0.71	19.20	44.60	11.78	23.87	4.40	2.02	1.24	1.78	1.48	0.59	
25	0.59	0.65	28.88	28.04	10.32	20.35	4.24	2.02	1.24	1.78	1.48	0.59	
26	0.56	0.62	12.48	43.22	9.36	18.56	4.16	1.96	1.24	1.78	1.48	0.59	
27	0.53	0.59	7.63	39.78	8.64	27.62	4.08	1.90	1.24	1.78	1.48	0.59	
28	0.47	0.56	6.02	27.83	8.18	20.70	4.00	1.90	1.20	1.78	1.48	0.59	
29	0.47	0.53	5.75	25.72	7.63	18.24	3.84	1.90	1.20	1.78	1.48	0.59	
30	0.44	0.53	5.03	16.16	7.08	16.16	3.76	1.84	1.20	1.78	1.48	0.59	
31		0.50		13.18	6.97		3.68		1.20	1.78		0.59	
Total	15.48	16.00	179.38	585.09	415.75	622.64	253.10	84.75	44.16	53.90	43.20	28.01	2341.46 CMSDAY
Mean	0.52	0.52	5.98	18.87	13.41	20.75	8.16	2.83	1.42	1.74	1.54	0.90	6.41 CMS
Max	1.04	0.92	28.88	44.60	31.19	71.37	18.24	4.67	1.78	2.02	1.60	1.24	71.37 CMS
Min	0.41	0.18	1.20	2.62	6.97	6.75	3.68	1.84	1.20	1.28	1.48	0.59	0.18 CMS
Runoff	1.34	1.38	15.50	50.55	35.92	53.80	21.87	7.32	3.82	4.66	3.73	2.42	202.30 MCM
Momentary Peak	84.23	CMS.	at 690.06 m. (MSL.) at 09.00 Hours , on Sep 10 , 2005										
Runoff Yield	30.12	Liters/Second/Square KM.		Momentary Peak Yield		395.446	Liters/Second/Square KM.						

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Bang Krathum , Phitsanulok (N.74)

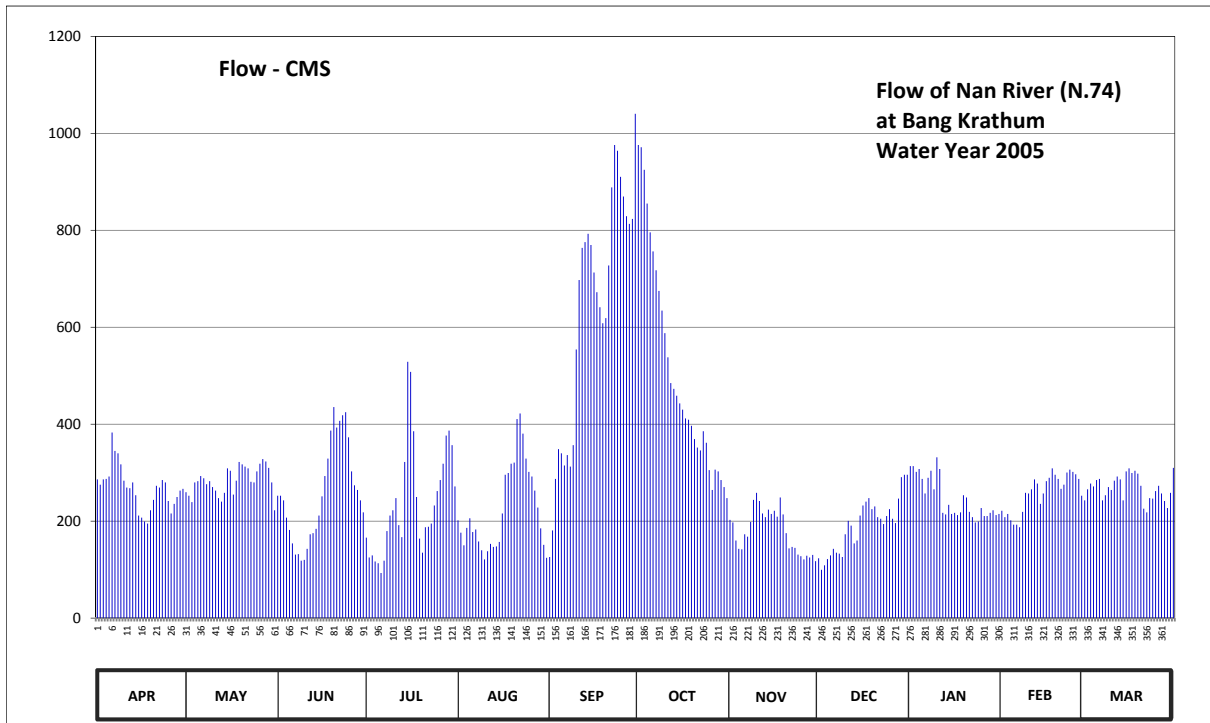
Lat 16 - 34 - 38 N Long 100 - 14 - 33 E

Location : on left bank at Bang Krathum.

	Ban -	Amphoe Bang Krathum	Changwat Phitsanulok
Drainage Area	25,489 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+29.360 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank near the gage site.	Elevation	+44.315 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.80	32.58	32.52	31.74	32.07	31.33	37.88	32.08	31.30	33.03	32.25	32.44	
2	32.71	32.52	32.52	31.32	31.84	31.88	37.85	32.03	31.02	33.03	32.13	32.63	
3	32.80	32.41	32.44	31.37	31.58	32.81	37.53	31.68	31.13	32.93	32.19	32.73	
4	32.81	32.75	32.12	31.22	31.93	33.32	37.05	31.51	31.28	32.98	32.07	32.68	
5	32.85	32.77	31.89	31.18	32.11	33.25	36.64	31.50	31.37	32.81	31.99	32.79	
6	33.60	32.86	31.62	30.94	31.85	33.04	36.37	31.81	31.51	32.56	31.99	32.81	
7	33.29	32.82	31.39	31.24	31.90	33.22	36.10	31.76	31.43	32.83	31.94	32.44	
8	33.25	32.72	31.40	31.87	31.66	33.02	35.80	32.04	31.41	32.95	32.23	32.53	
9	33.06	32.77	31.24	32.16	31.48	33.39	35.51	32.45	31.33	32.63	32.57	32.67	
10	32.78	32.67	31.26	32.26	31.27	34.92	35.17	32.57	31.81	33.18	32.56	32.62	
11	32.66	32.61	31.51	32.48	31.46	35.96	34.80	32.43	32.06	32.98	32.63	32.78	
12	32.65	32.48	31.81	31.98	31.61	36.42	34.39	32.20	31.97	32.21	32.80	32.85	
13	32.75	32.42	31.83	31.75	31.55	36.50	34.30	32.13	31.62	32.18	32.73	32.80	
14	32.53	32.57	31.91	33.10	31.56	36.62	34.19	32.27	31.68	32.36	32.38	32.44	
15	32.16	32.99	32.16	34.73	31.65	36.46	34.07	32.19	32.16	32.19	32.56	32.94	
16	32.12	32.95	32.51	34.57	32.20	36.07	33.97	32.25	32.35	32.21	32.77	32.99	
17	32.05	32.54	32.86	33.62	32.88	35.78	33.83	32.14	32.42	32.17	32.83	32.91	
18	32.01	32.78	33.16	32.50	32.91	35.56	33.81	32.49	32.48	32.22	32.99	32.95	
19	32.26	33.10	33.63	31.72	33.07	35.32	33.71	32.18	32.28	32.53	32.88	32.90	
20	32.45	33.06	34.01	31.43	33.09	35.40	33.49	31.83	32.33	32.49	32.81	32.69	
21	32.69	33.02	33.68	31.94	33.82	36.17	33.35	31.52	32.13	32.23	32.64	32.29	
22	32.66	32.99	33.79	31.95	33.91	37.28	33.30	31.55	32.10	32.13	32.71	32.22	
23	32.79	32.76	33.88	32.01	33.58	37.88	33.62	31.53	32.00	32.03	32.92	32.48	
24	32.75	32.75	33.93	32.35	33.16	37.80	33.43	31.39	32.15	32.05	32.97	32.47	
25	32.43	32.94	33.52	32.60	32.93	37.43	32.96	31.35	32.28	32.30	32.93	32.60	
26	32.20	33.07	32.94	32.79	32.85	37.15	32.62	31.27	32.10	32.15	32.89	32.69	
27	32.38	33.15	32.70	33.07	32.61	36.87	32.97	31.36	32.02	32.15	32.81	32.56	
28	32.50	33.11	32.62	33.55	32.31	36.76	32.94	31.32	32.47	32.21	32.52	32.43	
29	32.61	33.00	32.44	33.63	31.92	36.83	32.79	31.38	32.84	32.26		32.30	
30	32.64	32.75	32.22	33.39	31.59	38.31	32.67	31.23	32.88	32.17		32.57	
31		32.26		32.68	31.31		32.48		32.88	32.19		33.00	
Mean	32.64	32.78	32.52	32.36	32.25	35.43	34.50	31.85	31.96	32.46	32.56	32.65	
Max	33.60	33.15	34.01	34.73	33.91	38.31	37.88	32.57	32.88	33.18	32.99	33.00	38.31
Min	32.01	32.26	31.24	30.94	31.27	31.33	32.48	31.23	31.02	32.03	31.94	32.22	30.94
Annual Max Momentary Gage Height	38.64		m. (MSL.) ,				at 18.00 Hours ,						on Sep 30 , 2005
Zero Gage at Bottom Elevation	29.36		m. (MSL.) ,				River Bed 28.80		m. (MSL.)				
Left Bank Elevation	42.47		m. (MSL.) ,										
Right Bank Elevation	43.86		m. (MSL.) ,				Drainage Are 25,489		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	286.00	259.60	252.40	166.00	201.70	126.10	976.00	202.80	123.50	313.60	221.50	242.80		
2	275.20	252.40	252.40	125.20	176.40	180.80	971.50	197.30	99.70	313.60	208.30	265.60		
3	286.00	239.20	242.80	129.50	150.00	287.20	924.80	160.00	109.00	301.60	214.90	277.60		
4	287.20	280.00	207.20	116.70	186.30	348.40	855.20	143.00	121.80	307.60	201.70	271.60		
5	292.00	282.40	181.90	113.30	206.10	340.00	795.80	142.00	129.50	287.20	192.90	284.80		
6	383.00	293.20	154.00	93.20	177.50	314.80	756.60	173.10	143.00	257.20	192.90	287.20		
7	344.80	288.40	131.10	118.40	183.00	336.40	717.50	168.00	135.00	289.60	187.40	242.80		
8	340.00	276.40	132.00	179.70	158.00	312.40	675.00	198.40	133.00	304.00	219.30	253.60		
9	317.20	282.40	118.40	211.60	140.00	356.80	634.40	244.00	126.10	265.60	258.40	270.40		
10	283.60	270.40	120.10	222.60	121.00	554.20	587.90	258.40	173.10	331.60	257.20	264.40		
11	269.20	263.20	143.00	247.60	138.00	697.40	538.00	241.60	200.60	307.60	265.60	283.60		
12	268.00	247.60	173.10	191.80	153.00	763.90	484.70	216.00	190.70	217.10	286.00	292.00		
13	280.00	240.40	175.30	167.00	147.00	775.50	473.00	208.30	154.00	213.80	277.60	286.00		
14	253.60	258.40	184.10	322.00	148.00	792.90	458.70	223.70	160.00	233.60	235.80	242.80		
15	211.60	308.80	211.60	528.90	157.00	769.70	443.10	214.90	211.60	214.90	257.20	302.80		
16	207.20	304.00	251.20	508.10	216.00	713.10	430.10	221.50	232.50	217.10	282.40	308.80		
17	199.50	254.80	293.20	385.50	295.60	672.20	411.90	209.40	240.40	212.70	289.60	299.20		
18	195.10	283.60	329.20	250.00	299.20	641.40	409.30	248.80	247.60	218.20	308.80	304.00		
19	222.60	322.00	386.80	164.00	318.40	608.20	396.70	213.80	224.80	253.60	295.60	298.00		
20	244.00	317.20	435.30	135.00	320.80	619.00	369.30	175.30	230.30	248.80	287.20	272.80		
21	272.80	312.40	393.00	187.40	410.60	727.60	352.00	144.00	208.30	219.30	266.80	225.90		
22	269.20	308.80	406.80	188.50	422.30	888.60	346.00	147.00	205.00	208.30	275.20	218.20		
23	284.80	281.20	418.40	195.10	380.50	976.00	385.50	145.00	194.00	197.30	300.40	247.60		
24	280.00	280.00	424.90	232.50	329.20	964.00	361.70	131.10	210.50	199.50	306.40	246.40		
25	241.60	302.80	373.00	262.00	301.60	910.40	305.20	127.80	224.80	227.00	301.60	262.00		
26	216.00	318.40	302.80	284.80	292.00	869.80	264.40	121.00	205.00	210.50	296.80	272.80		
27	235.80	328.00	274.00	318.40	263.20	829.10	306.40	128.60	196.20	210.50	287.20	257.20		
28	250.00	323.20	264.40	376.70	228.10	813.20	302.80	125.20	246.40	217.10	252.40	241.60		
29	263.20	310.00	242.80	386.80	185.20	823.40	284.80	130.30	290.80	222.60	227.00	241.60		
30	266.80	280.00	218.20	356.80	151.00	1040.50	270.40	117.50	295.60	212.70	258.40	258.40		
31	222.60			271.60	124.30		247.60		295.60	214.90	310.00			
Total	8026.00	8791.80	7693.40	7436.70	6981.00	19053.00	15736.30	5377.80	5958.40	7648.70	7227.10	8317.90	108248.10	CMSDAY
Mean	267.50	283.60	256.40	239.90	225.20	635.10	507.60	179.30	192.20	246.70	258.10	268.30	296.60	CMS
Max	383.00	328.00	435.30	528.90	422.30	1040.50	976.00	258.40	295.60	331.60	308.80	310.00	1040.50	CMS
Min	195.10	222.60	118.40	93.20	121.00	126.10	247.60	117.50	99.70	197.30	187.40	218.20	93.20	CMS
Runoff	693.45	759.61	664.71	642.53	603.16	1646.18	1359.62	464.64	514.81	660.85	624.42	718.67	9352.64	MCM
Momentary Peak	1090.00	CMS. at 38.64 m. (MSL.)						on Sep 30, 2005						
Runoff Yield	11.64	Liters/Second/Square KM.						Momentary Peak Yield	42.764	Liters/Second/Square KM.				

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Khai Chira Prawat, Nakhon Sawan (C.2)

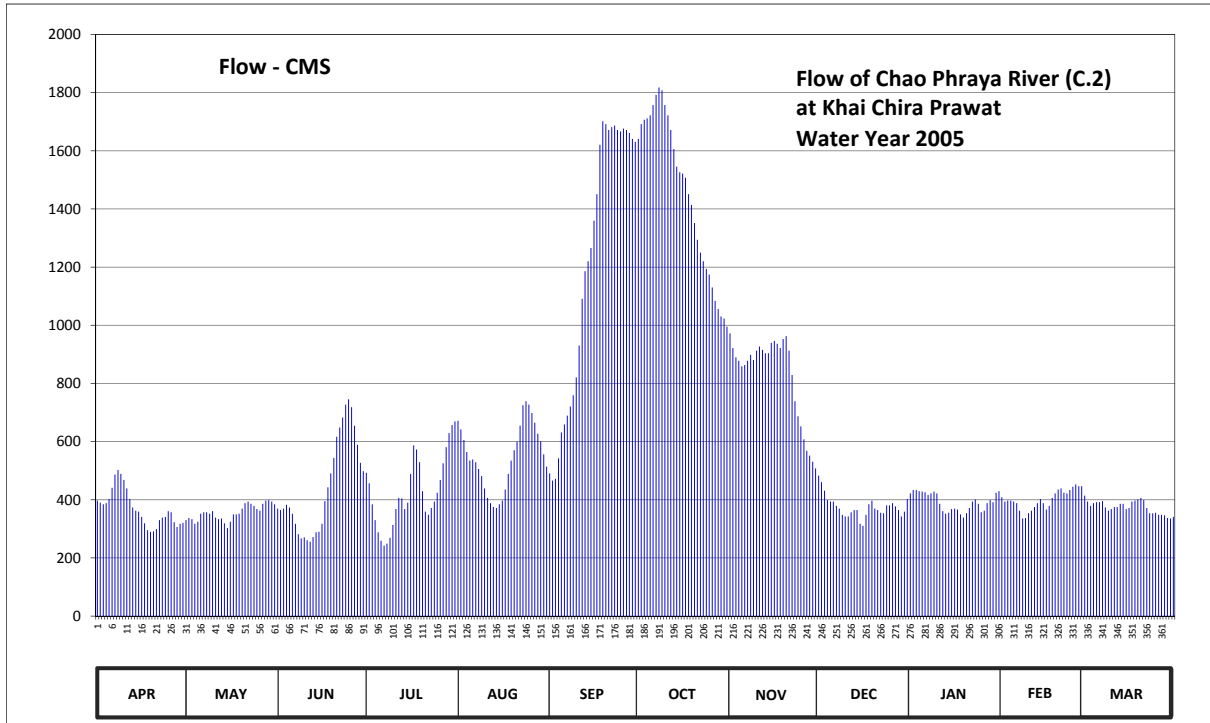
Lat 15 - 40 - 15 N Long 100 - 06 - 49 E

Location : on left bank at Khai Chira Prawat about 3 kilometers downstream from Dechatiwong Bridge.

	Ban Phai Lom	Amphoe Mueang	Changwat Nakhon Sawan
Drainage Area	109,973 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 20.00 meters west of the gage site	Elevation	+25.628 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1914 to date		
Rating Operation			
Period of Rating	1956 to date		
Rated by Flot	-		
Rated by Current Meter	1956 to date		
Stability of Channel Regimes	Fairly stable		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Phumiphol Dam, Sirikit Dam and Phrom Phiram Dam. Stage-discharge relation defined by 57 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	18.89	18.52	18.74	19.39	20.27	19.38	23.08	21.43	19.34	19.02	18.95	18.98	
2	18.85	18.56	18.71	19.20	20.13	19.25	23.18	21.27	19.22	19.08	18.87	18.87	
3	18.82	18.54	18.74	18.82	19.96	19.28	23.21	21.16	19.07	19.08	18.89	18.79	
4	18.84	18.45	18.81	18.52	19.76	19.65	23.22	21.12	18.90	19.06	18.89	18.84	
5	18.92	18.49	18.76	18.29	19.61	20.08	23.24	21.05	18.87	19.05	18.87	18.86	
6	19.12	18.64	18.64	18.11	19.63	20.21	23.31	21.07	18.87	19.04	18.84	18.86	
7	19.36	18.67	18.45	18.01	19.58	20.35	23.38	21.12	18.79	18.99	18.70	18.88	
8	19.44	18.67	18.25	18.05	19.46	20.49	23.43	21.19	18.74	19.02	18.55	18.76	
9	19.37	18.64	18.16	18.17	19.33	20.66	23.41	21.13	18.62	19.05	18.56	18.70	
10	19.26	18.69	18.18	18.43	19.11	20.91	23.31	21.24	18.59	19.02	18.65	18.73	
11	19.11	18.57	18.12	18.73	18.94	21.30	23.24	21.29	18.59	18.83	18.70	18.77	
12	18.92	18.54	18.09	18.94	18.84	21.77	23.14	21.25	18.67	18.69	18.77	18.77	
13	18.76	18.55	18.19	18.93	18.77	22.03	23.01	21.21	18.71	18.64	18.84	18.83	
14	18.70	18.46	18.29	18.73	18.75	22.12	22.89	21.21	18.71	18.66	18.92	18.83	
15	18.68	18.37	18.30	18.85	18.82	22.24	22.85	21.33	18.45	18.73	18.84	18.73	
16	18.58	18.49	18.45	19.37	18.89	22.47	22.84	21.35	18.41	18.74	18.72	18.75	
17	18.46	18.63	18.88	19.87	19.09	22.69	22.81	21.32	18.62	18.72	18.79	18.87	
18	18.33	18.63	19.13	19.80	19.37	23.04	22.69	21.27	18.82	18.63	18.94	18.89	
19	18.30	18.64	19.38	19.58	19.61	23.20	22.60	21.37	18.89	18.57	19.02	18.91	
20	18.31	18.74	19.66	19.06	19.79	23.18	22.45	21.40	18.74	18.65	19.09	18.94	
21	18.35	18.84	20.01	18.68	19.93	23.14	22.31	21.24	18.71	18.75	19.11	18.90	
22	18.52	18.87	20.16	18.62	20.19	23.16	22.20	20.94	18.66	18.87	19.03	18.75	
23	18.57	18.83	20.32	18.75	20.51	23.17	22.12	20.57	18.65	18.91	19.02	18.65	
24	18.58	18.79	20.52	18.87	20.57	23.14	22.05	20.34	18.80	18.83	19.08	18.65	
25	18.69	18.73	20.60	19.03	20.52	23.13	22.00	20.18	18.80	18.67	19.14	18.66	
26	18.67	18.70	20.48	19.26	20.39	23.15	21.88	19.97	18.84	18.70	19.18	18.62	
27	18.48	18.83	20.19	19.56	20.24	23.14	21.75	19.78	18.78	18.84	19.15	18.62	
28	18.39	18.89	19.88	19.84	20.06	23.12	21.67	19.70	18.71	18.90	19.15	18.61	
29	18.45	18.90	19.57	20.07	19.94	23.08	21.60	19.59	18.59	18.86		18.56	
30	18.47	18.87	19.42	20.20	19.72	23.06	21.58	19.47	18.68	19.03		18.55	
31		18.82		20.26	19.50		21.50		18.92	19.06		18.58	
Mean	18.74	18.66	19.10	19.03	19.65	21.85	22.64	20.89	18.77	18.86	18.90	18.76	
Max	19.44	18.90	20.60	20.26	20.57	23.20	23.43	21.43	19.34	19.08	19.18	18.98	23.43
Min	18.30	18.37	18.09	18.01	18.75	19.25	21.50	19.47	18.41	18.57	18.55	18.55	18.01
Annual Max Momentary Gage Height	23.44		m. (MSL.) ,			at 11.00 Hours ,	on Oct 8 , 2005						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	13.91	m. (MSL.)					
Left Bank Elevation		25.56		m. (MSL.) ,									
Right Bank Elevation		26.32		m. (MSL.) ,		Drainage Are	109,973	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	397.20	330.00	369.90	492.70	671.60	490.80	1640.90	972.30	483.10	422.00	408.60	414.30		
2	389.90	337.20	364.50	456.40	641.90	465.90	1691.40	921.30	460.20	433.40	393.60	393.60		
3	384.50	333.60	369.90	384.50	605.70	471.70	1706.50	889.40	431.50	433.40	397.20	379.00		
4	388.10	317.30	382.60	330.00	564.30	542.40	1711.60	877.80	399.00	429.60	397.20	388.10		
5	402.80	324.50	373.60	288.40	534.80	631.30	1721.70	858.50	393.60	427.70	393.60	391.70		
6	441.10	351.80	351.80	259.00	538.60	658.90	1757.00	863.90	393.60	425.80	388.10	391.70		
7	487.00	357.20	317.30	242.60	529.00	689.30	1792.40	877.80	379.00	416.20	362.70	395.40		
8	502.30	357.20	281.80	249.20	506.10	720.70	1817.70	898.10	369.90	422.00	335.40	373.60		
9	488.90	351.80	267.10	268.80	481.20	759.00	1807.60	880.70	348.10	427.70	337.20	362.70		
10	467.90	360.90	270.40	313.60	439.20	820.70	1757.00	912.60	342.70	422.00	353.60	368.10		
11	439.20	339.10	260.60	368.10	406.70	930.00	1721.70	927.10	342.70	386.30	362.70	375.40		
12	402.80	333.60	255.70	406.70	388.10	1090.90	1671.20	915.50	357.20	360.90	375.40	375.40		
13	373.60	335.40	272.00	404.70	375.40	1186.00	1605.60	903.90	364.50	351.80	388.10	386.30		
14	362.70	319.10	288.40	368.10	371.80	1219.90	1545.20	903.90	364.50	355.40	402.80	386.30		
15	359.00	302.70	290.00	389.90	384.50	1266.00	1526.30	939.80	317.30	368.10	388.10	368.10		
16	340.90	324.50	317.30	488.90	397.20	1360.10	1521.50	946.30	310.00	369.90	366.30	371.80		
17	319.10	349.90	395.40	586.90	435.30	1450.90	1507.20	936.50	348.10	366.30	379.00	393.60		
18	295.50	349.90	443.00	572.50	488.90	1620.70	1450.90	921.30	384.50	349.90	406.70	397.20		
19	290.00	351.80	490.80	529.00	534.80	1701.50	1413.80	952.80	397.20	339.10	422.00	400.90		
20	291.80	369.90	544.30	429.60	570.50	1691.40	1351.90	962.50	369.90	353.60	435.30	406.70		
21	299.10	388.10	616.40	359.00	599.40	1671.20	1294.10	912.60	364.50	371.80	439.20	399.00		
22	330.00	393.60	648.30	348.10	654.60	1681.30	1250.00	828.80	355.40	393.60	423.90	371.80		
23	339.10	386.30	682.50	371.80	725.30	1686.40	1219.90	738.70	353.60	400.90	422.00	353.60		
24	340.90	379.00	727.50	393.60	738.70	1671.20	1193.50	687.00	380.80	386.30	433.40	353.60		
25	360.90	368.10	745.50	423.90	727.50	1666.10	1174.70	652.50	380.80	357.20	444.90	355.40		
26	357.20	362.70	718.50	467.90	698.20	1676.30	1129.90	607.90	388.10	362.70	452.60	348.10		
27	322.70	386.30	654.60	525.20	665.30	1671.20	1083.80	568.40	377.20	388.10	446.80	348.10		
28	306.30	397.20	588.90	580.70	627.00	1661.10	1055.40	552.00	364.50	399.00	446.80	346.30		
29	317.30	399.00	527.10	629.10	601.50	1640.90	1030.50	531.00	342.70	391.70		337.20		
30	320.90	393.60	498.40	656.80	556.10	1630.80	1023.40	508.00	359.00	423.90		335.40		
31		384.50		669.50	513.70		995.00		402.80	429.60		340.90		
Total	11118.70	11035.80	13314.10	13255.20	16972.90	36424.60	45169.30	24848.90	11626.00	12165.90	11203.20	11603.90	218743.90	CMSDAY
Mean	370.60	356.00	443.80	427.60	547.50	1214.20	1457.10	828.30	375.00	392.40	400.10	374.50	599.30	CMS
Max	502.30	399.00	745.50	669.50	738.70	1701.50	1817.70	972.30	483.10	433.40	452.60	414.30	1817.70	CMS
Min	290.00	302.70	255.70	242.60	371.80	465.90	995.00	508.00	310.00	339.10	335.40	335.40	242.60	CMS
Runoff	960.66	953.49	1150.34	1145.25	1466.46	3147.09	3902.63	2146.95	1004.49	1051.13	967.96	1003.04	18899.47	MCM
Momentary Peak	1822.70	CMS. at 23.44 m. (MSL.)												on Oct 8, 2005
Runoff Yield	5.45	Liters/Second/Square KM.												Momentary Peak Yield 16.574 Liters/Second/Square KM.

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Bang Phutsa, Sing Buri (C.3)

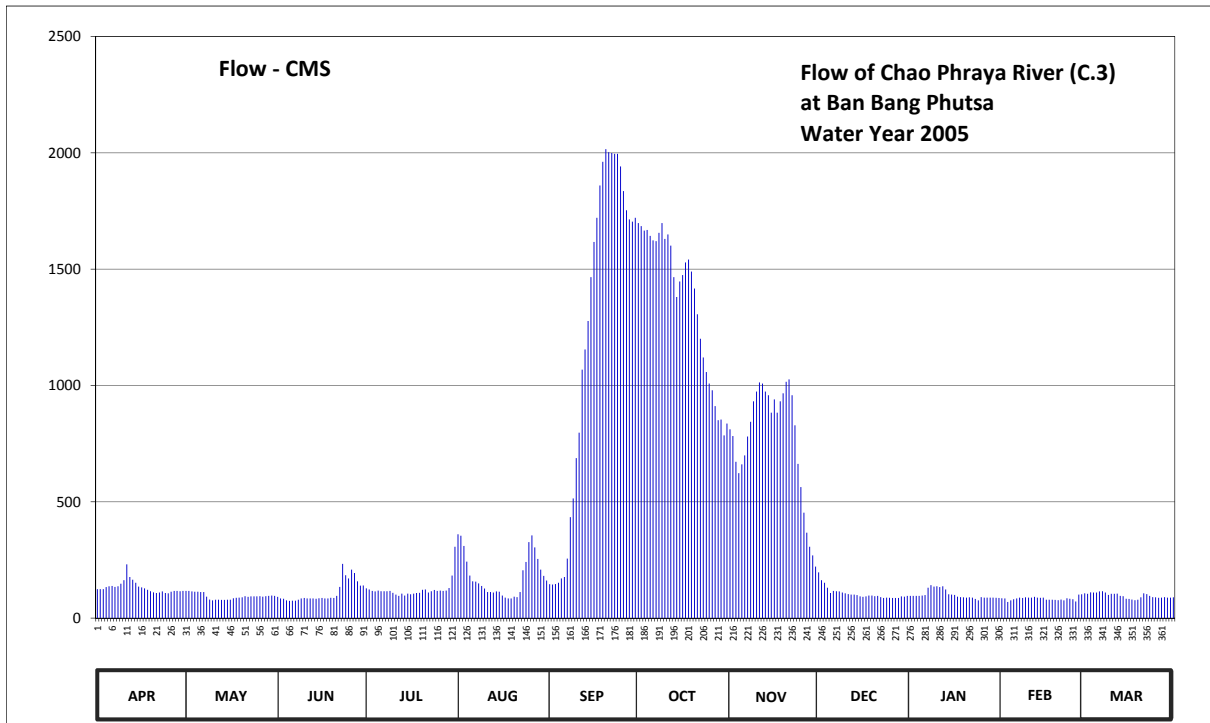
Lat 14 - 53 - 50 N Long 100 - 24 - 18 E

Location : on right bank at Ban Bang Phutsa

	Ban Bang Phutsa	Amphoe Mueang	Changwat Sing Buri
Drainage Area	118,752 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the bridge	Elevation	+11.880 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1950 to date		
Rating Operation			
Period of Rating	1950 to date		
Rated by Flot	-		
Rated by Current Meter	1950 to date		
Stability of Channel Regimes	Fairly stable		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 43 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.30	2.24	2.01	2.33	3.92	2.47	9.22	6.08	2.86	2.05	1.95	2.15	
2	2.30	2.24	1.94	2.29	3.88	2.46	9.18	5.96	2.61	2.05	1.94	2.13	
3	2.30	2.22	1.93	2.24	3.61	2.48	9.12	5.48	2.52	2.05	1.78	2.19	
4	2.37	2.21	1.85	2.22	3.18	2.52	9.13	5.25	2.35	2.05	1.85	2.18	
5	2.40	2.21	1.83	2.25	2.76	2.67	9.05	5.43	2.16	2.06	1.90	2.18	
6	2.41	2.20	1.84	2.23	2.57	2.72	8.99	5.60	2.24	2.08	1.94	2.22	
7	2.38	2.20	1.84	2.23	2.56	3.27	8.98	5.95	2.23	2.35	1.98	2.23	
8	2.40	2.02	1.88	2.23	2.50	4.33	9.09	6.21	2.22	2.44	1.96	2.18	
9	2.49	1.89	1.94	2.24	2.41	4.74	9.22	6.56	2.18	2.39	1.99	2.09	
10	2.61	1.85	1.96	2.17	2.32	5.55	9.01	6.72	2.15	2.40	1.98	2.13	
11	3.10	1.88	1.94	2.10	2.20	6.02	9.07	6.87	2.12	2.37	1.98	2.13	
12	2.72	1.88	1.94	2.05	2.20	7.08	8.92	6.85	2.10	2.40	2.01	2.14	
13	2.63	1.87	1.94	2.14	2.18	7.41	8.48	6.72	2.10	2.29	1.98	2.05	
14	2.52	1.87	1.93	2.06	2.22	7.85	8.20	6.66	2.08	2.11	1.97	2.04	
15	2.39	1.88	1.95	2.14	2.21	8.48	8.42	6.37	2.03	2.10	1.98	1.93	
16	2.36	1.88	1.96	2.11	2.06	8.97	8.51	6.59	2.01	2.09	1.88	1.92	
17	2.33	1.95	1.94	2.14	1.98	9.29	8.69	6.37	2.03	2.02	1.88	1.89	
18	2.28	1.97	1.94	2.16	1.94	9.71	8.73	6.56	2.06	2.00	1.88	1.86	
19	2.23	1.98	1.97	2.17	1.94	10.01	8.56	6.69	2.06	1.99	1.87	1.88	
20	2.19	1.99	1.96	2.28	2.02	10.17	8.32	6.88	2.04	1.98	1.86	1.99	
21	2.16	2.04	2.05	2.29	2.00	10.13	7.95	6.92	2.05	1.99	1.89	2.15	
22	2.18	2.01	2.38	2.18	2.20	10.12	7.58	6.66	2.00	1.98	1.85	2.12	
23	2.22	2.03	3.11	2.23	2.92	10.11	7.28	6.15	1.96	1.92	1.95	2.05	
24	2.16	2.03	2.77	2.27	3.17	10.11	7.04	5.44	1.98	1.85	1.93	2.00	
25	2.15	2.03	2.67	2.24	3.71	9.95	6.85	4.97	1.97	2.00	1.90	1.99	
26	2.21	2.04	2.94	2.25	3.89	9.64	6.74	4.43	1.96	1.98	1.80	1.97	
27	2.24	2.02	2.84	2.24	3.57	9.39	6.48	3.96	1.96	1.98	2.10	1.98	
28	2.24	2.04	2.57	2.25	3.26	9.27	6.24	3.59	1.96	1.98	2.11	2.00	
29	2.23	2.05	2.42	2.34	2.94	9.24	6.25	3.36	2.03	1.98		1.98	
30	2.24	2.06	2.43	2.76	2.75	9.29	5.97	3.03	2.02	1.97		1.98	
31		2.05		3.59	2.60		6.18		2.05	1.96		1.99	
Mean	2.36	2.03	2.16	2.27	2.70	7.18	8.11	5.81	2.13	2.09	1.93	2.06	
Max	3.10	2.24	3.11	3.59	3.92	10.17	9.22	6.92	2.86	2.44	2.11	2.23	10.17
Min	2.15	1.85	1.83	2.05	1.94	2.46	5.97	3.03	1.96	1.85	1.78	1.86	1.78
Annual Max Momentary Gage Height	10.18		m. (MSL.) ,			at 06.00 Hours ,	on Sep 20 , 2005						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	-2.14	m. (MSL.)					
Left Bank Elevation	11.69		m. (MSL.) ,										
Right Bank Elevation	12.04		m. (MSL.) ,			Drainage Are	118,752	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	124.40	117.00	91.10	128.10	360.50	145.50	1697.60	811.60	196.90	95.50	85.40	106.50		
2	124.40	117.00	84.50	123.20	353.80	144.20	1684.70	782.70	162.80	95.50	84.50	104.30		
3	124.40	114.50	83.50	117.00	310.10	146.70	1665.30	671.70	151.70	95.50	69.60	110.90		
4	133.10	113.20	76.10	114.50	242.80	151.70	1668.50	622.90	130.60	95.50	76.10	109.80		
5	136.80	113.20	74.30	118.20	182.60	170.30	1642.70	661.10	107.60	96.60	80.80	109.80		
6	138.00	112.00	75.20	115.70	157.90	176.90	1623.30	699.20	117.00	98.80	84.50	114.50		
7	134.30	112.00	75.20	115.70	156.60	255.70	1620.10	780.40	115.70	130.60	88.20	115.70		
8	136.80	92.20	78.90	115.70	149.20	434.20	1655.60	843.50	114.50	141.80	86.30	109.80		
9	148.00	79.80	84.50	117.00	138.00	514.50	1697.60	931.90	109.80	135.60	89.10	99.90		
10	162.80	76.10	86.30	108.70	126.90	687.60	1629.80	973.80	106.50	136.80	88.20	104.30		
11	231.30	78.90	84.50	101.00	112.00	796.90	1649.20	1013.10	103.20	133.10	88.20	104.30		
12	176.90	78.90	84.50	95.50	112.00	1068.00	1600.70	1007.80	101.00	136.80	91.10	105.40		
13	165.30	78.00	84.50	105.40	109.80	1154.40	1465.10	973.80	101.00	123.20	88.20	95.50		
14	151.70	78.00	83.50	96.60	114.50	1276.90	1380.30	958.10	98.80	102.10	87.20	94.40		
15	135.60	78.90	85.40	105.40	113.20	1465.10	1446.90	882.60	93.30	101.00	88.20	83.50		
16	131.80	78.90	86.30	102.10	96.60	1616.90	1474.20	939.70	91.10	99.90	78.90	82.60		
17	128.10	85.40	84.50	105.40	88.20	1720.20	1528.70	882.60	93.30	92.20	78.90	79.80		
18	121.90	87.20	84.50	107.60	84.50	1859.40	1540.80	931.90	96.60	90.00	78.90	77.10		
19	115.70	88.20	87.20	108.70	84.50	1961.40	1489.30	965.90	96.60	89.10	78.00	78.90		
20	110.90	89.10	86.30	121.90	92.20	2015.80	1416.60	1015.70	94.40	88.20	77.10	89.10		
21	107.60	94.40	95.50	123.20	90.00	2002.20	1305.70	1026.10	95.50	89.10	79.80	106.50		
22	109.80	91.10	134.30	109.80	112.00	1998.80	1200.60	958.10	90.00	88.20	76.10	103.20		
23	114.50	93.30	232.80	115.70	205.50	1995.40	1120.40	828.70	86.30	82.60	85.40	95.50		
24	107.60	93.30	184.00	120.70	241.40	1995.40	1057.60	663.20	88.20	76.10	83.50	90.00		
25	106.50	93.30	170.30	117.00	326.30	1941.00	1007.80	563.40	87.20	90.00	80.80	89.10		
26	113.20	94.40	208.40	118.20	355.40	1835.60	979.00	452.90	86.30	88.20	71.50	87.20		
27	117.00	92.20	194.10	117.00	303.60	1752.50	910.90	367.50	86.30	88.20	101.00	88.20		
28	117.00	94.40	157.90	118.20	254.30	1713.70	850.80	306.90	86.30	88.20	102.10	90.00		
29	115.70	95.50	139.30	129.40	208.40	1704.10	853.20	269.70	93.30	88.20		88.20		
30	117.00	96.60	140.50	182.60	181.20	1720.20	785.00	221.30	92.20	87.20		88.20		
31		95.50		306.90	161.60		836.10		95.50	86.30		89.10		
Total	3958.10	2902.50	3317.90	3782.10	5625.60	36421.20	42484.10	23007.80	3269.50	3130.10	2347.60	2991.30	133237.80	CMSDAY
Mean	131.90	93.60	110.60	122.00	181.50	1214.00	1370.50	766.90	105.50	101.00	83.80	96.50	365.00	CMS
Max	231.30	117.00	232.80	306.90	360.50	2015.80	1697.60	1026.10	196.90	141.80	102.10	115.70	2015.80	CMS
Min	106.50	76.10	74.30	95.50	84.50	144.20	785.00	221.30	86.30	76.10	69.60	77.10	69.60	CMS
Runoff	341.98	250.78	286.67	326.77	486.05	3146.79	3670.63	1987.87	282.48	270.44	202.83	258.45	11511.75	MCM
Momentary Peak	2019.20	CMS.	at 10.18 m. (MSL.)	at 06.00 Hours	on Sep 20, 2005									
Runoff Yield	3.07	Liters/Second/Square KM.			Momentary Peak Yield	17.004	Liters/Second/Square KM.							

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Bang Luang, Chai Nat (C.13)

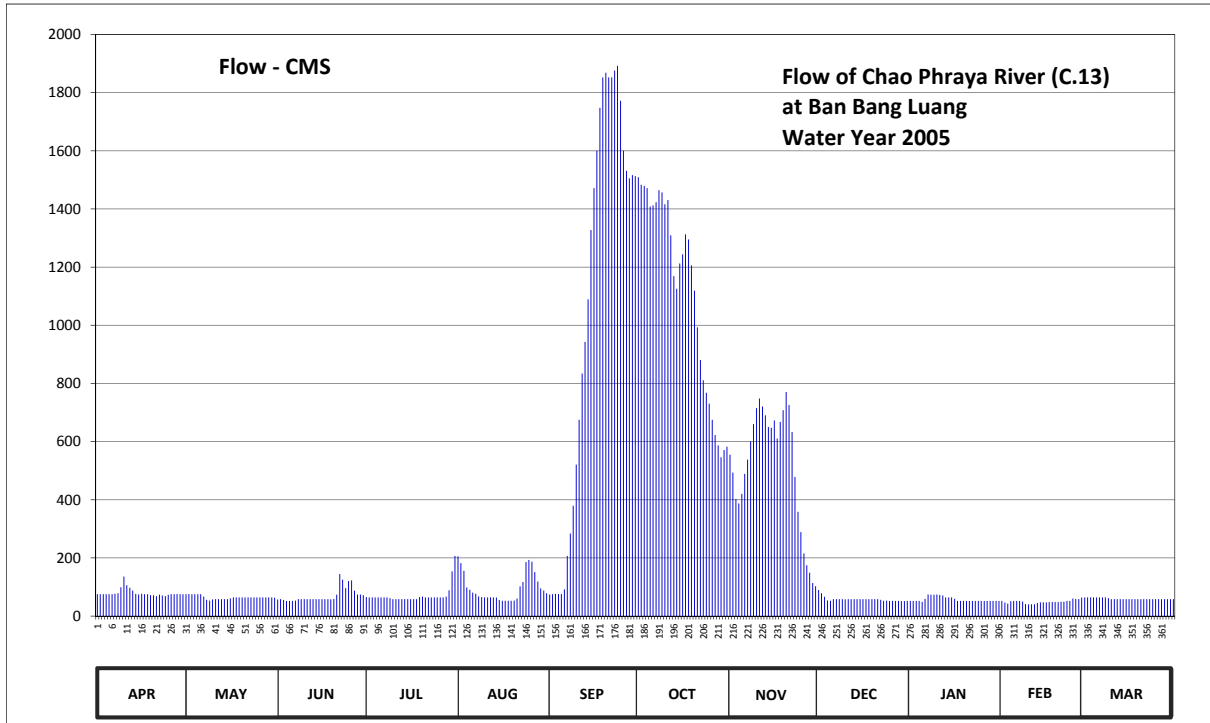
Lat 15 - 19 - 57 N Long 100 - 11 - 32 E

Location : on left bank at Wat Pho Ngam about 1.5 kilometers downstream from Chao Phraya Diversion Dam

	Ban	Bang Luang	Amphoe	Sanphaya	Changwat	Chai Nat
Drainage Area	117,187 sq.km.					
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	B.M.2 - on right bank about 400 meters from the B.M.1				Elevation	+16.260 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1947 to date					
Rating Operation						
Period of Rating	1953 - 1962, 1965 - 1968, 1972 - 1975 to date					
Rated by Flot	-					
Rated by Current Meter	1953 - 1962, 1965 - 1968, 1972 - 1975 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow regulated by Chao Phraya Dam above gage site. Stage-discharge relation defined by 53 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.27	6.27	5.98	6.11	7.77	6.26	12.86	9.70	6.47	5.90	5.90	6.10	
2	6.27	6.28	6.00	6.10	7.56	6.27	12.79	9.41	6.32	5.90	5.81	6.10	
3	6.27	6.27	5.95	6.10	7.27	6.29	12.78	8.97	6.13	5.90	5.74	6.10	
4	6.27	6.27	5.90	6.10	6.59	6.28	12.76	8.89	5.93	5.90	5.88	6.10	
5	6.27	6.27	5.90	6.10	6.48	6.28	12.59	9.06	5.91	5.85	5.90	6.10	
6	6.27	6.27	5.90	6.10	6.35	6.50	12.60	9.39	6.00	6.02	5.90	6.10	
7	6.30	6.14	5.92	6.10	6.30	7.78	12.63	9.62	6.00	6.26	5.90	6.10	
8	6.32	5.96	6.00	6.10	6.15	8.31	12.74	9.90	6.00	6.25	5.87	6.10	
9	6.60	5.92	6.00	6.05	6.11	8.85	12.72	10.14	6.00	6.25	5.71	6.05	
10	7.05	5.98	6.00	6.00	6.10	9.54	12.61	10.36	5.99	6.26	5.69	6.00	
11	6.69	6.00	6.00	6.00	6.10	10.20	12.65	10.49	6.00	6.24	5.70	6.00	
12	6.58	6.00	6.00	6.00	6.10	10.83	12.32	10.38	6.00	6.20	5.70	6.00	
13	6.44	6.00	6.00	6.00	6.10	11.21	11.91	10.26	6.00	6.10	5.78	6.00	
14	6.29	6.00	6.00	6.00	6.09	11.67	11.78	10.10	6.00	6.10	5.82	6.00	
15	6.26	6.00	6.00	6.00	5.95	12.37	12.04	10.09	6.00	6.10	5.82	6.00	
16	6.30	6.04	6.00	6.00	5.91	12.76	12.13	10.19	6.00	6.02	5.82	6.00	
17	6.27	6.10	6.00	6.00	5.91	13.10	12.33	9.94	6.00	5.90	5.84	6.00	
18	6.27	6.10	6.00	6.00	5.91	13.47	12.28	10.17	6.00	5.90	5.84	6.00	
19	6.22	6.10	5.99	6.11	5.91	13.73	12.02	10.33	6.00	5.90	5.84	6.00	
20	6.21	6.10	6.01	6.14	5.92	13.77	11.76	10.58	6.00	5.90	5.84	6.00	
21	6.17	6.10	6.25	6.10	6.03	13.73	11.37	10.40	6.00	5.90	5.86	6.00	
22	6.25	6.10	7.15	6.10	6.64	13.73	11.00	10.03	5.96	5.90	5.86	6.00	
23	6.20	6.10	6.92	6.10	6.82	13.79	10.74	9.34	5.91	5.90	5.90	6.00	
24	6.17	6.10	6.56	6.10	7.60	13.83	10.57	8.74	5.92	5.90	5.90	6.00	
25	6.24	6.10	6.86	6.10	7.66	13.53	10.42	8.34	5.90	5.90	6.03	6.00	
26	6.27	6.10	6.89	6.10	7.61	13.10	10.20	7.85	5.90	5.90	6.01	6.00	
27	6.27	6.10	6.44	6.10	7.22	12.92	9.99	7.48	5.90	5.90	6.00	6.00	
28	6.28	6.10	6.26	6.14	6.84	12.85	9.84	7.20	5.90	5.90	6.09	6.00	
29	6.27	6.10	6.26	6.46	6.55	12.88	9.66	6.78	5.89	5.90	6.00	6.00	
30	6.27	6.10	6.22	7.25	6.45	12.87	9.77	6.65	5.89	5.90	6.00	6.00	
31		6.08		7.78	6.32		9.82		5.90	5.90		6.00	
Mean	6.33	6.10	6.18	6.18	6.53	10.96	11.67	9.36	5.99	5.99	5.86	6.03	
Max	7.05	6.28	7.15	7.78	7.77	13.83	12.86	10.58	6.47	6.26	6.09	6.10	13.83
Min	6.17	5.92	5.90	6.00	5.91	6.26	9.66	6.65	5.89	5.85	5.69	6.00	5.69
Annual Max Momentary Gage Height	13.90		m. (MSL.) ,				at 21.00 Hours , on Sep 23 , 2005						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	1.51	m. (MSL.)					
Left Bank Elevation		16.55		m. (MSL.) ,									
Right Bank Elevation		16.34		m. (MSL.) ,		Drainage Are	117,187	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	75.10	75.10	57.20	65.20	205.50	74.50	1508.90	555.00	89.50	52.20	52.20	64.60	
2	75.10	75.80	58.40	64.60	182.30	75.10	1482.90	493.50	78.50	52.20	46.60	64.60	
3	75.10	75.10	55.30	64.60	155.60	76.40	1479.20	402.90	66.50	52.20	42.90	64.60	
4	75.10	75.10	52.20	64.60	98.30	75.80	1471.70	387.40	54.10	52.20	51.00	64.60	
5	75.10	75.10	52.20	64.60	90.20	75.80	1408.50	420.30	52.80	49.10	52.20	64.60	
6	75.10	75.10	52.20	64.60	80.70	91.70	1412.20	489.30	58.40	59.60	52.20	64.60	
7	77.00	67.10	53.40	64.60	77.00	206.70	1423.40	538.00	58.40	74.50	52.20	64.60	
8	78.50	55.90	58.40	64.60	67.70	284.00	1464.30	601.00	58.40	73.90	50.30	64.60	
9	99.00	53.40	58.40	61.50	65.20	379.70	1456.80	660.10	58.40	73.90	41.30	61.50	
10	135.90	57.20	58.40	58.40	64.60	521.10	1415.90	715.40	57.80	74.50	40.30	58.40	
11	106.40	58.40	58.40	58.40	64.60	675.10	1430.80	748.10	58.40	73.30	40.80	58.40	
12	97.50	58.40	58.40	58.40	64.60	834.10	1309.20	720.40	58.40	70.80	40.80	58.40	
13	87.30	58.40	58.40	58.40	64.60	943.10	1169.00	690.20	58.40	64.60	45.00	58.40	
14	76.40	58.40	58.40	58.40	64.00	1089.30	1125.70	650.00	58.40	64.60	47.20	58.40	
15	74.50	58.40	58.40	58.40	55.30	1327.20	1212.70	647.50	58.40	64.60	47.20	58.40	
16	77.00	60.90	58.40	58.40	52.80	1471.70	1243.60	672.60	58.40	59.60	47.20	58.40	
17	75.10	64.60	58.40	58.40	52.80	1600.50	1312.80	610.60	58.40	52.20	48.50	58.40	
18	75.10	64.60	58.40	58.40	52.80	1748.00	1295.10	667.60	58.40	52.20	48.50	58.40	
19	72.00	64.60	57.80	65.20	52.80	1852.00	1205.90	707.80	58.40	52.20	48.50	58.40	
20	71.40	64.60	59.00	67.10	53.40	1868.00	1119.00	770.70	58.40	52.20	48.50	58.40	
21	68.90	64.60	73.90	64.60	60.30	1852.00	993.00	725.40	58.40	52.20	49.70	58.40	
22	73.90	64.60	144.60	64.60	102.30	1852.00	881.00	632.50	55.90	52.20	49.70	58.40	
23	70.80	64.60	125.20	64.60	117.00	1876.00	810.90	478.70	52.80	52.20	52.20	58.40	
24	68.90	64.60	96.10	64.60	186.00	1892.00	768.20	358.90	53.40	52.20	52.20	58.40	
25	73.30	64.60	120.30	64.60	192.90	1772.00	730.50	288.90	52.20	52.20	60.30	58.40	
26	75.10	64.60	122.80	64.60	187.20	1600.50	675.10	215.50	52.20	52.20	59.00	58.40	
27	75.10	64.60	87.30	64.60	151.00	1531.20	622.60	175.00	52.20	52.20	58.40	58.40	
28	75.80	64.60	74.50	67.10	118.70	1505.20	587.20	149.20	52.20	52.20	64.00	58.40	
29	75.10	64.60	74.50	88.70	95.30	1516.40	546.50	113.80	51.60	52.20		58.40	
30	75.10	64.60	72.00	153.80	88.00	1512.60	571.10	103.10	51.60	52.20		58.40	
31		63.40		206.70	78.50		582.60		52.20	52.20		58.40	
Total	2385.70	2005.60	2131.30	2205.30	3042.00	32179.70	34716.30	15389.40	1801.50	1794.80	1388.90	1863.10	100903.60 CMSDAY
Mean	79.50	64.70	71.00	71.10	98.10	1072.70	1119.90	513.00	58.10	57.90	49.60	60.10	276.40 CMS
Max	135.90	75.80	144.60	206.70	205.50	1892.00	1508.90	770.70	89.50	74.50	64.00	64.60	1892.00 CMS
Min	68.90	53.40	52.20	58.40	52.80	74.50	546.50	103.10	51.60	49.10	40.30	58.40	40.30 CMS
Runoff	206.12	173.28	184.14	190.54	262.83	2780.33	2999.49	1329.64	155.65	155.07	120.00	160.97	8718.07 MCM
Momentary Peak	1920.00	CMS.	CMS. at 13.90 m. (MSL.)										at 21.00 Hours , on Sep 23 , 2005
Runoff Yield	2.360		Liters/Second/Square KM.										Momentary Peak Yield 16,384 Liters/Second/Square KM.

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Huai Khun Kaeo at Ban Samo Thong, Uthai Thani (C.30)

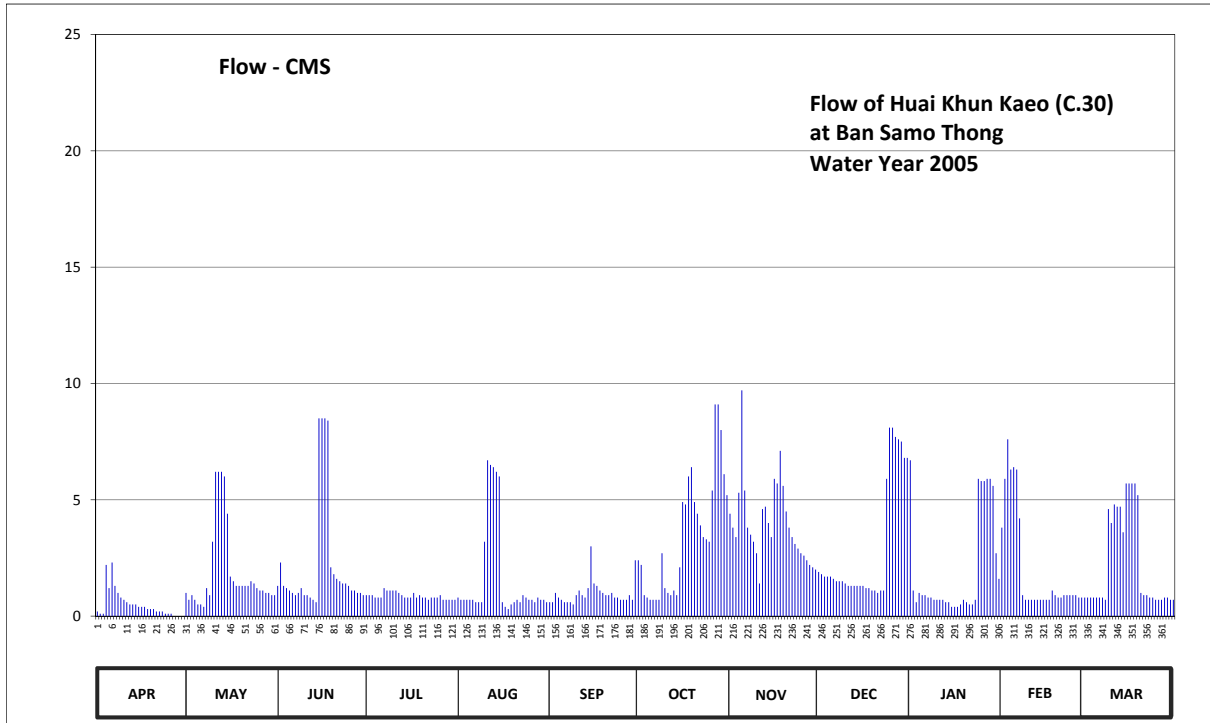
Lat 15 - 20 - 53 N Long 99 - 32 - 11 E

Location : on right bank in front of Wat Samo Thong School

	Ban	Samo Thong	Amphoe	Huai Khot	Changwat	Uthai Thani
Drainage Area	227	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+101.530 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 60 meters from the top staff gage				Elevation	+113.280 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1982 to date					
Rating Operation						
Period of Rating	1983 to date					
Rated by Flot	-					
Rated by Current Meter	1983 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 16 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	101.86	102.15	102.23	102.13	102.10	102.04	102.44	102.71	102.35	102.96	102.63	102.11	
2	101.84	102.08	102.42	102.12	102.09	102.04	102.41	102.64	102.33	102.17	102.87	102.11	
3	101.83	102.12	102.23	102.12	102.07	102.16	102.12	102.59	102.32	102.05	103.05	102.11	
4	102.41	102.07	102.20	102.11	102.06	102.11	102.10	102.81	102.32	102.16	102.92	102.11	
5	102.21	102.02	102.17	102.11	102.06	102.06	102.09	103.25	102.32	102.14	102.93	102.11	
6	102.42	102.01	102.15	102.11	102.07	102.04	102.07	102.82	102.29	102.12	102.92	102.10	
7	102.22	101.99	102.13	102.20	102.05	102.05	102.06	102.64	102.28	102.11	102.68	102.10	
8	102.15	102.20	102.15	102.17	102.04	102.04	102.06	102.60	102.27	102.10	102.12	102.09	
9	102.10	102.13	102.20	102.17	102.04	102.02	102.48	102.56	102.27	102.08	102.08	102.73	
10	102.06	102.55	102.13	102.17	102.56	102.12	102.20	102.49	102.25	102.08	102.08	102.66	
11	102.03	102.91	102.12	102.18	102.96	102.18	102.15	102.25	102.23	102.08	102.08	102.75	
12	102.01	102.90	102.10	102.16	102.94	102.14	102.12	102.73	102.23	102.07	102.08	102.74	
13	102.00	102.90	102.08	102.13	102.93	102.10	102.17	102.74	102.23	102.05	102.07	102.74	
14	102.00	102.88	102.05	102.11	102.90	102.20	102.13	102.66	102.22	102.04	102.07	102.61	
15	101.99	102.71	103.13	102.11	102.88	102.53	102.39	102.59	102.22	101.96	102.07	102.85	
16	101.98	102.31	103.13	102.10	102.03	102.24	102.77	102.87	102.22	101.97	102.06	102.85	
17	101.96	102.27	103.13	102.16	101.99	102.22	102.75	102.85	102.21	101.96	102.06	102.85	
18	101.95	102.23	103.12	102.10	101.94	102.18	102.88	103.00	102.20	102.01	102.18	102.85	
19	101.93	102.23	102.39	102.13	102.02	102.16	102.93	102.84	102.19	102.06	102.13	102.80	
20	101.92	102.23	102.33	102.10	102.04	102.14	102.77	102.72	102.18	102.04	102.11	102.15	
21	101.89	102.22	102.30	102.10	102.06	102.13	102.71	102.64	102.16	102.01	102.11	102.13	
22	101.88	102.22	102.27	102.08	102.05	102.15	102.65	102.59	102.18	102.00	102.12	102.12	
23	101.86	102.28	102.26	102.10	102.12	102.11	102.59	102.54	102.18	102.08	102.12	102.11	
24	101.84	102.24	102.25	102.10	102.11	102.10	102.57	102.51	102.87	102.87	102.12	102.10	
25	101.82	102.20	102.22	102.11	102.06	102.09	102.55	102.49	103.10	102.86	102.12	102.09	
26	101.79	102.19	102.18	102.12	102.06	102.07	102.82	102.46	103.10	102.86	102.12	102.09	
27	101.76	102.17	102.17	102.09	102.05	102.06	103.19	102.43	103.06	102.87	102.11	102.09	
28	101.70	102.16	102.16	102.08	102.11	102.12	103.19	102.41	103.05	102.87	102.10	102.11	
29	101.73	102.15	102.15	102.08	102.08	102.09	103.09	102.39	103.04	102.84		102.10	
30	101.71	102.14	102.13	102.09	102.06	102.44	102.89	102.37	102.97	102.49		102.09	
31		102.13		102.09	102.04		102.80		102.97	102.29		102.09	
Mean	101.96	102.29	102.32	102.12	102.21	102.14	102.52	102.64	102.45	102.27	102.29	102.34	
Max	102.42	102.91	103.13	102.20	102.96	102.53	103.19	103.25	103.10	102.96	103.05	102.85	103.25
Min	101.70	101.99	102.05	102.08	101.94	102.02	102.06	102.25	102.16	101.96	102.06	102.09	101.70
Annual Max Momentary Gage Height	103.28		m. (MSL.) ,				at 06.00 Hours ,	on Nov 5 , 2005					
Zero Gage at Bottom Elevation	101.53		m. (MSL.) ,			River Bed	101.69	m. (MSL.)					
Left Bank Elevation		108.27		m. (MSL.) ,									
Right Bank Elevation		108.36		m. (MSL.) ,		Drainage Are	227	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	1.00	1.30	0.90	0.80	0.60	2.40	4.40	1.90	6.70	3.80	0.80	
2	0.10	0.70	2.30	0.90	0.70	0.60	2.20	3.80	1.80	1.10	5.90	0.80	
3	0.10	0.90	1.30	0.90	0.70	1.00	0.90	3.40	1.70	0.60	7.60	0.80	
4	2.20	0.70	1.20	0.80	0.70	0.80	0.80	5.30	1.70	1.00	6.30	0.80	
5	1.20	0.50	1.10	0.80	0.70	0.70	0.70	9.70	1.70	0.90	6.40	0.80	
6	2.30	0.50	1.00	0.80	0.70	0.60	0.70	5.40	1.60	0.90	6.30	0.80	
7	1.30	0.40	0.90	1.20	0.60	0.60	0.70	3.80	1.50	0.80	4.20	0.80	
8	1.00	1.20	1.00	1.10	0.60	0.60	0.70	3.50	1.50	0.80	0.90	0.70	
9	0.80	0.90	1.20	1.10	0.60	0.50	2.70	3.20	1.50	0.70	0.70	4.60	
10	0.70	3.20	0.90	1.10	3.20	0.90	1.20	2.70	1.40	0.70	0.70	4.00	
11	0.60	6.20	0.90	1.10	6.70	1.10	1.00	1.40	1.30	0.70	0.70	4.80	
12	0.50	6.20	0.80	1.00	6.50	0.90	0.90	4.60	1.30	0.70	0.70	4.70	
13	0.50	6.20	0.70	0.90	6.40	0.80	1.10	4.70	1.30	0.60	0.70	4.70	
14	0.50	6.00	0.60	0.80	6.20	1.20	0.90	4.00	1.30	0.60	0.70	3.60	
15	0.40	4.40	8.50	0.80	6.00	3.00	2.10	3.40	1.30	0.40	0.70	5.70	
16	0.40	1.70	8.50	0.80	0.60	1.40	4.90	5.90	1.30	0.40	0.70	5.70	
17	0.40	1.50	8.50	1.00	0.40	1.30	4.80	5.70	1.20	0.40	0.70	5.70	
18	0.30	1.30	8.40	0.80	0.30	1.10	6.00	7.10	1.20	0.50	1.10	5.70	
19	0.30	1.30	2.10	0.90	0.50	1.00	6.40	5.60	1.10	0.70	0.90	5.20	
20	0.30	1.30	1.80	0.80	0.60	0.90	4.90	4.50	1.10	0.60	0.80	1.00	
21	0.20	1.30	1.60	0.80	0.70	0.90	4.40	3.80	1.00	0.50	0.80	0.90	
22	0.20	1.30	1.50	0.70	0.60	1.00	3.90	3.40	1.10	0.50	0.90	0.90	
23	0.20	1.50	1.40	0.80	0.90	0.80	3.40	3.10	1.10	0.70	0.90	0.80	
24	0.10	1.40	1.40	0.80	0.80	0.80	3.30	2.90	5.90	5.90	0.90	0.80	
25	0.10	1.20	1.30	0.80	0.70	0.70	3.20	2.70	8.10	5.80	0.90	0.70	
26	0.10	1.10	1.10	0.90	0.70	0.70	5.40	2.60	8.10	5.80	0.90	0.70	
27	0.00	1.10	1.10	0.70	0.60	0.70	9.10	2.40	7.70	5.90	0.80	0.70	
28	0.00	1.00	1.00	0.70	0.80	0.90	9.10	2.20	7.60	5.90	0.80	0.80	
29	0.00	1.00	1.00	0.70	0.70	0.70	8.00	2.10	7.50	5.60		0.80	
30	0.00	0.90	0.90	0.70	0.70	2.40	6.10	2.00	6.80	2.70		0.70	
31		0.90		0.70	0.60		5.20		6.80	1.60		0.70	
Total	15.00	58.80	65.30	26.80	51.30	29.20	107.10	119.30	90.40	60.70	57.40	70.20	751.50 CMSDAY
Mean	0.50	1.90	2.20	0.90	1.70	1.00	3.50	4.00	2.90	2.00	2.10	2.30	2.10 CMS
Max	2.30	6.20	8.50	1.20	6.70	3.00	9.10	9.70	8.10	6.70	7.60	9.70	9.70 CMS
Min	0.00	0.40	0.60	0.70	0.30	0.50	0.70	1.40	1.00	0.40	0.70	0.70	0.00 CMS
Runoff	1.30	5.08	5.64	2.32	4.43	2.52	9.25	10.31	7.81	5.24	4.96	6.07	64.93 MCM
Momentary Peak	10.06	CMS. at 103.28 m. (MSL.) at 06.00 Hours , on Nov 5 , 2005											
Runoff Yield	9.07	Liters/Second/Square KM. Momentary Peak Yield 44,317 Liters/Second/Square KM.											

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Pom, Phra Nakhon Si Ayutthaya (C.35)

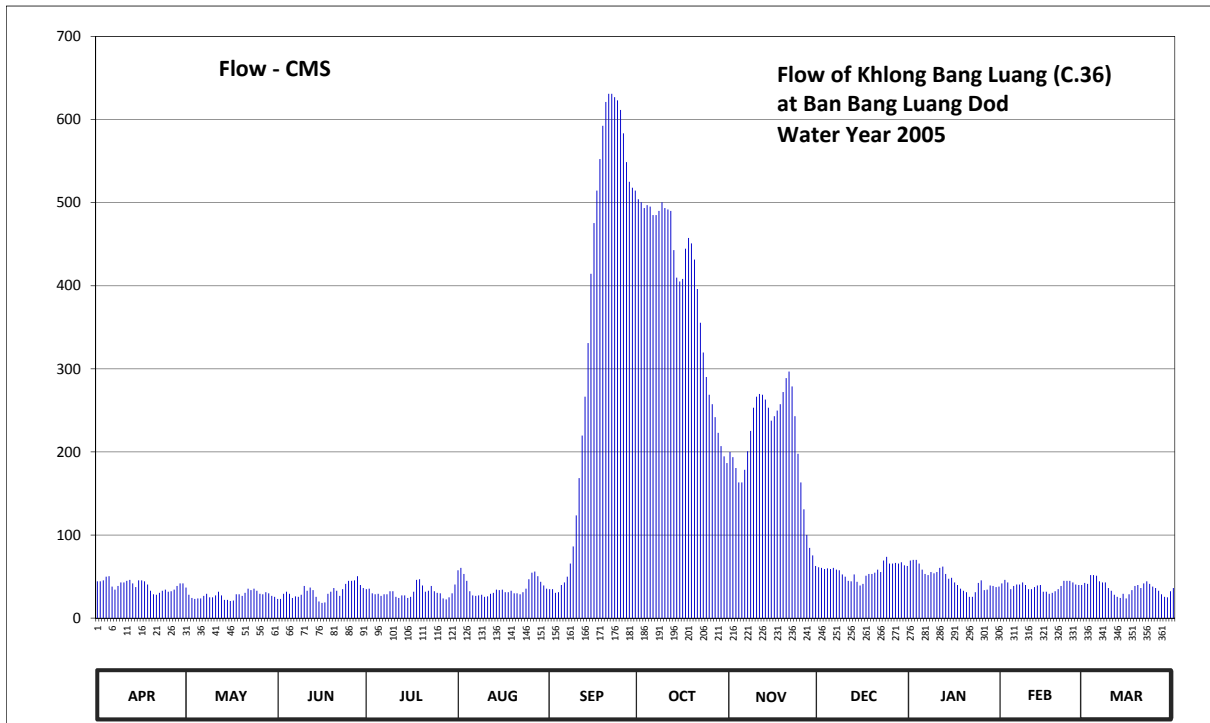
Lat 14 - 22 - 02 N Long 100 - 31 - 58 E

Location : on right bank at Ban Pom

	Ban Pom	Amphoe Phra Nakhon Si Ayutthaya	Changwat Phra Nakhon Si Ayutthaya
Drainage Area	Flood Plain		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.		Elevation +6.300 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1998 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 59 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.28	0.20	-0.07	0.07	0.36	0.10	2.84	1.31	0.50	0.61	0.31	0.29	
2	0.29	0.17	-0.03	0.12	0.32	0.15	2.83	1.25	0.47	0.64	0.37	0.27	
3	0.31	0.02	0.07	0.06	0.25	0.04	2.81	1.25	0.49	0.64	0.32	0.46	
4	0.38	-0.02	0.14	0.00	0.21	0.12	2.83	1.18	0.50	0.57	0.19	0.45	
5	0.35	-0.02	0.07	0.01	-0.04	0.23	2.81	1.17	0.52	0.48	0.25	0.37	
6	0.15	-0.05	-0.08	-0.03	-0.03	0.28	2.76	1.34	0.52	0.41	0.29	0.33	
7	0.11	0.05	0.00	0.03	-0.03	0.34	2.77	1.51	0.48	0.41	0.25	0.34	
8	0.17	0.08	-0.03	0.06	-0.01	0.45	2.80	1.68	0.48	0.44	0.33	0.31	
9	0.25	-0.02	0.07	0.12	0.02	0.61	2.84	1.81	0.44	0.43	0.27	0.30	
10	0.22	-0.10	0.24	0.10	-0.03	0.90	2.81	1.87	0.41	0.45	0.18	0.18	
11	0.25	0.04	0.13	0.01	-0.03	1.14	2.77	1.83	0.29	0.54	0.15	0.19	
12	0.27	-0.09	0.22	0.01	0.05	1.40	2.76	1.80	0.39	0.54	0.25	0.03	
13	0.23	-0.09	0.14	0.05	0.07	1.64	2.61	1.76	0.40	0.42	0.28	0.01	
14	0.20	-0.07	0.00	0.04	0.16	2.06	2.45	1.67	0.31	0.38	0.25	0.05	
15	0.33	-0.08	-0.15	0.02	0.06	2.60	2.49	1.60	0.18	0.38	0.10	-0.04	
16	0.32	-0.08	-0.16	0.03	0.12	2.93	2.56	1.67	0.27	0.34	0.15	0.01	
17	0.32	-0.16	-0.09	0.12	0.07	3.06	2.61	1.76	0.46	0.27	0.13	0.17	
18	0.22	-0.12	0.10	0.32	0.08	3.17	2.66	1.82	0.44	0.23	0.15	0.25	
19	0.17	-0.19	0.16	0.25	0.13	3.30	2.65	1.95	0.46	0.14	0.16	0.20	
20	0.04	-0.18	0.21	0.13	0.11	3.41	2.58	2.07	0.41	0.11	0.20	0.27	
21	0.08	-0.06	0.09	0.07	0.07	3.44	2.39	2.09	0.45	0.02	0.25	0.27	
22	0.10	-0.03	-0.04	0.13	0.10	3.46	2.22	1.93	0.36	0.01	0.36	0.33	
23	0.14	0.04	0.11	0.21	0.11	3.41	2.05	1.70	0.63	0.13	0.35	0.29	
24	0.15	0.04	0.19	0.14	0.12	3.35	1.93	1.44	0.65	0.35	0.35	0.24	
25	0.12	0.06	0.34	0.07	0.29	3.29	1.80	1.23	0.52	0.36	0.33	0.20	
26	0.11	0.04	0.29	0.06	0.34	3.18	1.72	1.00	0.53	0.15	0.28	0.15	
27	0.14	0.00	0.25	-0.04	0.39	3.02	1.63	0.73	0.52	0.16	0.28	0.06	
28	0.16	0.09	0.18	-0.07	0.33	2.93	1.45	0.65	0.54	0.24	0.27	0.01	
29	0.24	0.04	0.06	-0.04	0.21	2.89	1.35	0.57	0.54	0.27		-0.02	
30	0.24	0.04	-0.02	-0.01	0.17	2.89	1.28	0.41	0.51	0.34		0.11	
31		0.01		0.16	0.09		1.27		0.52	0.33		0.12	
Mean	0.21	-0.01	0.08	0.07	0.13	1.99	2.37	1.47	0.46	0.35	0.25	0.20	
Max	0.38	0.20	0.34	0.32	0.39	3.46	2.84	2.09	0.65	0.64	0.37	0.46	3.46
Min	0.04	-0.19	-0.16	-0.07	-0.04	0.04	1.27	0.41	0.18	0.01	0.10	-0.04	-0.19
Annual Max Momentary Gage Height	3.48		m. (MSL.) ,				at 01.00 Hours ,						on Sep 22 , 2005
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -6.52		m. (MSL.)				
Left Bank Elevation	4.41		m. (MSL.) ,										
Right Bank Elevation	6.30		m. (MSL.) ,				Drainage Area		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	44.20	36.70	23.10	34.90	57.60	34.90	504.00	199.80	61.30	69.30	41.70	42.30	
2	44.20	28.10	23.10	35.50	60.50	34.90	500.50	193.70	60.50	70.10	46.00	41.10	
3	45.40	24.30	29.30	29.90	53.20	30.50	493.50	180.50	59.10	70.10	42.90	51.70	
4	49.80	23.10	31.80	28.70	44.80	31.20	497.00	163.30	59.80	65.70	34.90	51.70	
5	50.40	23.70	29.30	29.30	32.40	39.80	495.30	163.30	59.10	58.30	38.60	51.00	
6	38.00	23.70	24.30	26.80	27.40	42.90	485.10	178.50	60.50	53.20	40.50	44.20	
7	34.30	26.80	26.20	28.70	26.80	49.80	485.10	200.80	58.30	51.70	40.50	42.90	
8	38.60	29.30	25.60	28.70	27.40	65.70	490.00	225.20	57.60	55.40	42.90	42.90	
9	42.90	25.00	28.10	32.40	28.10	86.20	500.50	253.10	52.50	53.90	39.80	36.10	
10	42.90	25.00	38.60	32.40	25.60	123.60	493.50	266.50	49.80	55.40	34.90	33.00	
11	44.80	27.40	33.00	25.60	26.20	168.40	491.80	269.80	44.80	60.50	34.90	28.10	
12	46.00	31.80	36.70	24.30	29.30	219.60	490.00	268.70	44.20	62.00	37.40	25.60	
13	41.70	27.40	33.60	27.40	30.50	266.50	442.90	263.10	52.50	53.20	39.20	24.30	
14	37.40	21.90	25.60	27.40	34.30	331.00	409.70	253.10	43.60	47.30	39.80	29.30	
15	45.40	21.90	20.00	24.30	33.60	414.30	405.20	237.50	39.20	48.50	31.80	23.70	
16	45.40	20.60	18.30	25.60	34.30	475.40	408.20	243.00	41.10	42.90	31.80	28.70	
17	44.20	21.20	18.90	31.80	31.20	514.50	444.50	249.70	51.00	39.80	29.30	33.60	
18	40.50	28.70	29.30	46.00	31.20	552.40	457.50	257.50	53.20	35.50	30.50	38.60	
19	33.00	28.70	31.80	46.70	33.00	592.50	451.00	272.10	53.20	33.00	32.40	39.80	
20	28.70	26.80	36.10	39.20	29.90	621.20	431.50	288.80	54.70	31.20	34.90	36.10	
21	28.10	30.50	33.00	31.80	29.90	630.90	396.00	296.70	58.30	25.60	38.60	41.70	
22	30.50	35.50	26.80	33.00	28.70	630.90	355.40	278.80	55.40	25.60	44.80	44.20	
23	33.00	33.60	34.90	38.60	31.20	627.00	319.60	243.00	69.30	31.20	44.80	41.10	
24	34.30	35.50	41.10	32.40	35.50	623.10	290.10	197.80	73.80	42.30	44.80	38.00	
25	31.80	33.00	44.80	30.50	46.70	611.50	268.70	163.30	65.70	45.40	42.90	36.10	
26	32.40	29.30	44.80	29.90	54.70	583.40	257.50	131.00	65.70	33.60	40.50	33.00	
27	34.30	28.70	45.40	23.70	56.10	548.70	241.90	100.20	66.40	34.30	39.80	28.70	
28	38.60	31.20	50.40	22.50	50.40	525.00	222.90	84.50	65.70	39.20	39.80	25.60	
29	41.70	29.90	39.80	25.00	43.60	518.00	206.90	75.50	67.10	38.60		25.00	
30	41.70	26.80	36.10	29.90	39.20	514.50	194.70	62.70	63.50	37.40		32.40	
31		25.60		40.50	35.50		186.60		62.70	38.00		36.10	
Total	1184.20	861.70	959.80	963.40	1148.80	10508.30	12317.10	6261.50	1769.60	1448.20	1080.70	1126.60	39629.90 CMSDAY
Mean	39.50	27.80	32.00	31.10	37.10	350.30	397.30	208.70	57.10	46.70	38.60	36.30	108.60 CMS
Max	50.40	36.70	50.40	46.70	60.50	630.90	504.00	296.70	73.80	70.10	46.00	51.70	630.90 CMS
Min	28.10	20.60	18.30	22.50	25.60	30.50	186.60	62.70	39.20	25.60	29.30	23.70	18.30 CMS
Runoff	102.31	74.45	82.93	83.24	99.26	907.92	1064.20	540.99	152.89	125.12	93.37	97.34	3424.02 MCM
Momentary Peak	630.87	CMS.	at 4.97 m. (MSL.)	at 02.00 Hours	, on Sep 21	, 2005							
Runoff Yield	*****	Liters/Second/Square KM.			Momentary Peak Yield	*****	Liters/Second/Square KM.						

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban In Buri, Sing Buri (C.44)

Lat 15 - 00 - 18 N Long 100 - 19 - 48 E

Location : on right bank at the bridge

	Ban In Buri	Amphoe In Buri	Changwat Sing Buri
Drainage Area	118,510 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site	Elevation	+13.856 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Fairly stable		
Overbank Flow Conditions	Overbank flow starts at elevation +11.850 m.(MSL.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 43 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.12	4.07	3.88	4.08	5.79	4.27	11.28	7.96	4.63	3.85	3.75	4.00	
2	4.13	4.07	3.77	4.07	5.64	4.23	11.23	7.88	4.44	3.85	3.74	3.95	
3	4.13	4.06	3.75	4.05	5.36	4.28	11.20	7.31	4.30	3.85	3.58	3.94	
4	4.20	4.06	3.67	4.06	4.79	4.36	11.18	7.13	4.07	3.85	3.65	4.03	
5	4.25	4.05	3.66	4.05	4.49	4.46	11.07	7.39	3.95	3.86	3.70	4.05	
6	4.24	4.05	3.66	4.05	4.36	4.52	11.03	7.58	4.06	3.88	3.74	4.00	
7	4.21	4.02	3.67	4.05	4.36	5.33	11.02	7.86	4.08	4.15	3.73	4.01	
8	4.25	3.79	3.70	4.05	4.29	6.32	11.15	8.16	4.05	4.24	3.75	3.99	
9	4.36	3.74	3.73	4.06	4.17	6.72	11.21	8.50	4.02	4.23	3.71	3.96	
10	4.51	3.74	3.75	3.96	4.08	7.64	11.02	8.69	3.97	4.25	3.62	3.98	
11	4.89	3.73	3.76	3.88	4.01	8.10	11.10	8.89	3.96	4.19	3.63	3.98	
12	4.46	3.73	3.76	3.89	3.98	9.18	11.05	8.79	3.94	4.23	3.72	3.99	
13	4.39	3.73	3.76	3.87	3.98	9.53	11.46	8.68	3.94	4.07	3.72	3.85	
14	4.30	3.72	3.76	3.85	4.07	10.01	11.11	8.59	3.92	3.91	3.73	3.84	
15	4.16	3.72	3.78	3.89	3.95	10.65	10.47	8.34	3.88	3.90	3.71	3.80	
16	4.15	3.71	3.80	3.93	3.80	11.13	10.52	8.69	3.87	3.91	3.71	3.81	
17	4.12	3.84	3.80	3.90	3.76	11.51	10.75	8.29	3.86	3.82	3.71	3.82	
18	4.08	3.83	3.79	3.89	3.74	11.87	10.75	8.50	3.87	3.80	3.72	3.83	
19	4.05	3.85	3.79	4.09	3.75	12.14	10.56	8.64	3.87	3.79	3.73	3.83	
20	4.01	3.84	3.76	4.08	3.83	12.21	10.25	8.87	3.86	3.78	3.71	3.86	
21	3.98	3.84	3.84	4.07	3.83	12.16	9.90	8.83	3.85	3.79	3.69	4.00	
22	3.98	3.85	4.39	4.06	4.16	12.14	9.50	8.48	3.83	3.78	3.78	3.97	
23	3.97	3.86	4.83	4.07	4.80	12.16	9.22	7.88	3.76	3.74	3.76	3.92	
24	3.96	3.86	4.51	4.07	5.16	12.12	8.99	7.17	3.78	3.74	3.77	3.87	
25	3.98	3.85	4.77	4.07	5.54	11.96	8.82	7.71	3.77	3.80	3.80	3.86	
26	4.04	3.85	4.50	4.07	5.73	11.64	8.73	7.15	3.76	3.78	3.91	3.85	
27	4.06	3.86	4.31	4.07	5.29	11.42	8.42	6.73	3.76	3.78	3.89	3.85	
28	4.06	3.89	4.23	4.10	4.97	11.30	8.18	6.29	3.76	3.78	3.93	3.87	
29	4.05	3.88	4.21	4.18	4.60	11.30	8.13	6.05	3.83	3.78		3.85	
30	4.06	3.88	4.24	4.60	4.47	11.34	8.07	5.77	3.83	3.77		3.85	
31		3.88		5.41	4.34		8.18		3.85	3.76		3.86	
Mean	4.17	3.87	3.96	4.08	4.49	9.20	10.18	7.89	3.95	3.90	3.74	3.91	
Max	4.89	4.07	4.83	5.41	5.79	12.21	11.46	8.89	4.63	4.25	3.93	4.05	12.21
Min	3.96	3.71	3.66	3.85	3.74	4.23	8.07	5.77	3.76	3.74	3.58	3.80	3.58
Annual Max Momentary Gage Height	12.23		m. (MSL.) ,				at 06.00 Hours , on Sep 20 , 2005						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	2.43	m. (MSL.)					
Left Bank Elevation		11.85	m. (MSL.) ,										
Right Bank Elevation		13.59	m. (MSL.) ,			Drainage Are	118,510	Square Kilometers					

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban Pang Makha, Kamphaeng Phet (Ct.5A)

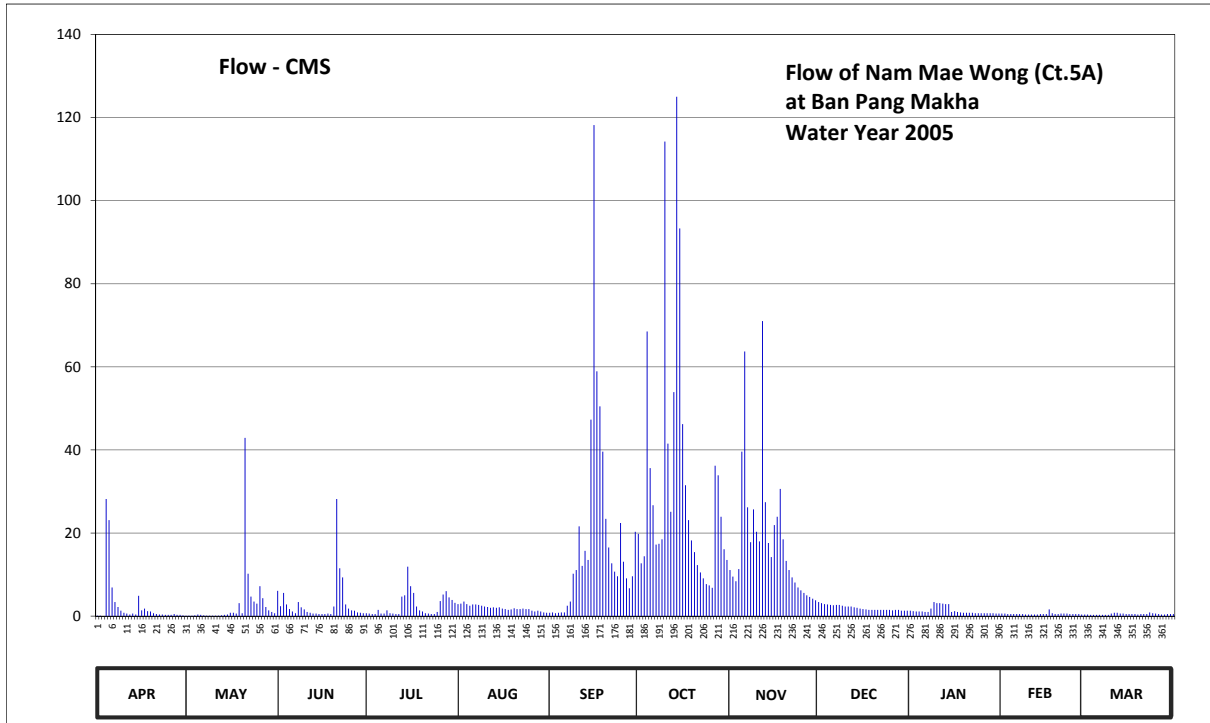
Lat 15 - 55 - 33 N Long 99 - 30 - 22 E

Location : on left bank behind Wat Pang Makha.

	Ban Pang Makha	Amphoe Khanu Worakabsaburi	Changwat Kamphaeng Phet
Drainage Area	977 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+102.480 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the station office	Elevation	+108.090 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1969 to date		
Rating Operation			
Period of Rating	1969 to date		
Rated by Flot	-		
Rated by Current Meter	1969 to date		
Stability of Channel Regimes	Fairly stable		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by the local weir above gage site estimated by recession equation. Stage-discharge relation defined by 53 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	102.42	102.44	103.12	102.60	102.88	102.61	103.83	103.42	102.92	102.68	102.57	102.53	
2	102.42	102.43	102.82	102.57	102.89	102.63	103.50	103.33	102.90	102.67	102.57	102.52	
3	102.41	102.42	103.08	102.55	102.93	102.60	103.58	103.27	102.88	102.66	102.56	102.51	
4	104.16	102.48	102.87	102.54	102.88	102.61	105.29	103.43	102.86	102.65	102.56	102.50	
5	103.96	102.53	102.73	102.71	102.83	102.63	104.42	104.55	102.85	102.65	102.56	102.49	
6	103.18	102.49	102.65	102.57	102.86	102.63	104.10	105.19	102.84	102.64	102.55	102.49	
7	102.92	102.46	102.60	102.57	102.87	102.83	103.71	104.08	102.85	102.64	102.55	102.49	
8	102.79	102.44	102.92	102.70	102.85	102.93	103.72	103.74	102.85	102.75	102.54	102.50	
9	102.69	102.43	102.78	102.59	102.83	103.37	103.77	104.06	102.83	102.92	102.53	102.50	
10	102.62	102.42	102.72	102.57	102.80	103.42	106.09	103.85	102.81	102.90	102.53	102.57	
11	102.57	102.42	102.64	102.56	102.79	103.90	104.61	103.75	102.80	102.90	102.53	102.61	
12	102.53	102.42	102.61	102.54	102.77	103.47	104.04	105.34	102.80	102.89	102.53	102.62	
13	102.58	102.48	102.58	103.02	102.78	103.64	104.96	104.13	102.78	102.88	102.53	102.58	
14	102.52	102.49	102.58	103.04	102.77	103.54	106.25	103.73	102.77	102.88	102.54	102.57	
15	103.03	102.53	102.56	103.46	102.78	104.78	105.75	103.57	102.75	102.64	102.56	102.56	
16	102.70	102.61	102.55	103.20	102.75	106.15	104.75	103.91	102.74	102.67	102.56	102.55	
17	102.75	102.62	102.55	103.08	102.74	105.08	104.28	103.99	102.72	102.64	102.72	102.55	
18	102.67	102.57	102.57	102.81	102.71	104.87	103.96	104.25	102.71	102.63	102.59	102.54	
19	102.65	102.90	102.56	102.70	102.72	104.55	103.76	103.77	102.71	102.62	102.56	102.53	
20	102.59	102.60	102.81	102.65	102.76	103.97	103.63	103.53	102.71	102.62	102.55	102.55	
21	102.56	104.65	104.16	102.60	102.74	103.68	103.48	103.42	102.71	102.61	102.58	102.56	
22	102.53	103.37	103.44	102.58	102.73	103.50	103.39	103.32	102.71	102.61	102.58	102.55	
23	102.53	103.02	103.32	102.56	102.75	103.40	103.31	103.25	102.71	102.59	102.57	102.63	
24	102.51	102.93	102.86	102.56	102.73	103.34	103.23	103.18	102.71	102.59	102.55	102.59	
25	102.51	102.89	102.75	102.64	102.73	103.93	103.21	103.13	102.71	102.60	102.54	102.57	
26	102.49	103.20	102.70	102.94	102.68	103.52	103.17	103.08	102.70	102.60	102.54	102.55	
27	102.55	102.99	102.68	103.05	102.66	103.31	104.44	103.04	102.71	102.60	102.54	102.53	
28	102.51	102.79	102.63	103.11	102.68	103.16	104.36	103.01	102.71	102.60	102.53	102.52	
29	102.49	102.70	102.61	103.00	102.65	103.34	103.99	102.98	102.69	102.59	102.54	102.54	
30	102.47	102.64	102.60	102.96	102.63	103.85	103.66	102.95	102.69	102.58	102.54	102.54	
31		102.60		102.91	102.61		103.54		102.69	102.57	102.54	102.54	
Mean	102.71	102.71	102.80	102.77	102.77	103.57	104.12	103.67	102.77	102.68	102.56	102.54	
Max	104.16	104.65	104.16	103.46	102.93	106.15	106.25	105.34	102.92	102.92	102.72	102.63	106.25
Min	102.41	102.42	102.55	102.54	102.61	102.60	103.17	102.95	102.69	102.57	102.53	102.49	102.41
Annual Max Momentary Gage Height	106.47		m. (MSL.) ,				at 06.00 Hours , on Sep 16 , 2005						
Zero Gage at Bottom Elevation	102.48		m. (MSL.) ,			River Bed	102.05	m. (MSL.)					
Left Bank Elevation		107.74		m. (MSL.) ,									
Right Bank Elevation		108.01		m. (MSL.) ,		Drainage Are	977	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.10	6.10	0.70	2.90	0.80	19.80	11.10	3.40	1.30	0.60	0.40	
2	0.10	0.10	2.40	0.60	3.00	0.90	12.70	9.50	3.10	1.20	0.60	0.40	
3	0.00	0.10	5.60	0.50	3.50	0.70	14.40	8.40	2.90	1.10	0.50	0.30	
4	28.20	0.20	2.80	0.50	2.90	0.80	68.50	11.30	2.80	1.10	0.50	0.30	
5	23.10	0.40	1.70	1.50	2.50	0.90	35.60	39.60	2.70	1.10	0.50	0.30	
6	6.90	0.30	1.10	0.60	2.80	0.90	26.70	63.70	2.60	1.00	0.50	0.30	
7	3.40	0.20	0.70	0.60	2.80	2.50	17.20	26.20	2.70	1.00	0.50	0.30	
8	2.20	0.10	3.40	1.40	2.70	3.50	17.40	17.80	2.70	1.80	0.50	0.30	
9	1.30	0.10	2.10	0.70	2.50	10.20	18.50	25.70	2.50	3.40	0.40	0.30	
10	0.80	0.10	1.60	0.60	2.30	11.10	114.20	20.30	2.30	3.10	0.40	0.60	
11	0.60	0.10	1.00	0.50	2.20	21.60	41.50	18.00	2.30	3.10	0.40	0.80	
12	0.40	0.10	0.80	0.50	2.00	12.10	25.10	71.00	2.30	3.00	0.40	0.80	
13	0.60	0.20	0.60	4.70	2.10	15.70	53.90	27.40	2.10	2.90	0.40	0.60	
14	0.40	0.30	0.60	5.00	2.00	13.50	125.00	17.60	2.00	2.90	0.50	0.60	
15	4.90	0.40	0.50	11.90	2.10	47.30	93.30	14.20	1.80	1.00	0.50	0.50	
16	1.40	0.80	0.50	7.20	1.80	118.20	46.20	21.90	1.70	1.20	0.50	0.50	
17	1.80	0.80	0.50	5.60	1.70	58.90	31.50	23.90	1.60	1.00	1.60	0.50	
18	1.20	0.60	0.60	2.30	1.50	50.50	23.10	30.60	1.50	0.90	0.70	0.50	
19	1.10	3.10	0.50	1.40	1.60	39.60	18.20	18.50	1.50	0.80	0.50	0.40	
20	0.70	0.70	2.30	1.10	1.90	23.40	15.40	13.30	1.50	0.80	0.50	0.50	
21	0.50	42.90	28.20	0.70	1.70	16.50	12.30	11.10	1.50	0.80	0.60	0.50	
22	0.40	10.20	11.50	0.60	1.70	12.70	10.50	9.30	1.50	0.80	0.60	0.50	
23	0.40	4.70	9.30	0.50	1.80	10.70	9.10	8.10	1.50	0.70	0.60	0.90	
24	0.30	3.50	2.80	0.50	1.70	9.60	7.70	6.90	1.50	0.70	0.50	0.70	
25	0.30	3.00	1.80	1.00	1.70	22.40	7.40	6.20	1.50	0.70	0.50	0.60	
26	0.30	7.20	1.40	3.60	1.30	13.10	6.80	5.60	1.40	0.70	0.50	0.50	
27	0.50	4.30	1.30	5.20	1.10	9.10	36.20	5.00	1.50	0.70	0.50	0.40	
28	0.30	2.20	0.90	6.00	1.30	6.70	33.90	4.60	1.50	0.70	0.40	0.40	
29	0.30	1.40	0.80	4.50	1.10	9.60	23.90	4.20	1.30	0.70		0.50	
30	0.20	1.00	0.70	3.90	0.90	20.30	16.10	3.80	1.30	0.60		0.50	
31		0.70		3.20	0.80		13.50		1.30	0.60		0.50	
Total	82.70	89.90	94.10	77.60	61.90	563.80	995.60	554.80	61.80	41.40	15.20	15.20	2654.00 CMSDAY
Mean	2.80	2.90	3.10	2.50	2.00	18.80	32.10	18.50	2.00	1.30	0.50	0.50	7.30 CMS
Max	28.20	42.90	28.20	11.90	3.50	118.20	125.00	71.00	3.40	3.40	1.60	0.90	125.00 CMS
Min	0.00	0.10	0.50	0.50	0.80	0.70	6.80	3.80	1.30	0.60	0.40	0.30	0.00 CMS
Runoff	7.15	7.77	8.13	6.70	5.35	48.71	86.02	47.93	5.34	3.58	1.31	1.31	229.31 MCM
Momentary Peak	140.39 CMS. at 106.47 m. (MSL.) at 06.00 Hours , on Sep 16, 2005												
Runoff Yield	7.44 Liters/Second/Square KM.			Momentary Peak Yield 143.695 Liters/Second/Square KM.									

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban Khao Chon Kan, Nakhon Sawan (Ct.5B)

Lat 15 - 54 - 11 N Long 99 - 27 - 37 E

Location : on left bank 8 kilometers upstream from Ct.5A, Tambon Mae Lay.

	Ban	Khao Chon Kan	Amphoe	Lat Yao	Changwat	Nakhon Sawan
Drainage Area	930	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+103.410 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the bridge.				Elevation	+116.583 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1987 to date					
Rating Operation						
Period of Rating	1988 to date					
Rated by Flot	-					
Rated by Current Meter	1988 to date					
Stability of Channel Regimes	Fairly stable					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by the local weir above gage site estimated by recession equation. Stage-discharge relation defined by 57 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	108.33	108.01	108.55	108.10	108.50	108.18	109.31	109.03	108.57	108.24	108.04	107.96	
2	108.32	107.94	108.33	108.09	108.50	108.18	109.02	108.98	108.54	108.22	108.04	107.95	
3	108.31	107.92	108.57	108.07	108.56	108.16	109.11	108.90	108.50	108.19	108.04	107.94	
4	109.87	108.14	108.38	108.05	108.50	108.15	110.84	109.06	108.49	108.18	108.04	107.94	
5	109.28	108.09	108.28	108.17	108.45	108.18	109.98	110.15	108.46	108.18	108.03	107.94	
6	108.69	108.02	108.18	108.08	108.48	108.18	110.09	110.49	108.45	108.17	108.03	107.94	
7	108.49	107.97	108.14	108.13	108.50	108.48	109.71	109.54	108.45	108.17	108.02	107.93	
8	108.40	107.93	108.23	108.26	108.47	108.61	109.73	109.33	108.44	108.17	108.01	107.93	
9	108.35	107.91	108.10	108.15	108.44	108.80	109.83	109.66	108.42	108.14	108.00	107.93	
10	108.30	107.89	108.23	108.10	108.43	109.26	111.55	109.50	108.41	108.13	108.00	107.92	
11	108.25	107.90	108.18	108.08	108.41	109.60	110.18	109.46	108.39	108.13	108.00	107.92	
12	108.33	107.89	108.13	108.08	108.40	108.93	109.57	110.91	108.38	108.13	107.99	107.92	
13	108.15	107.99	108.11	108.47	108.41	109.08	110.48	109.75	108.36	108.13	107.99	107.94	
14	108.09	108.02	108.09	108.48	108.40	108.98	111.66	109.38	108.35	108.12	107.99	107.93	
15	108.44	108.15	108.08	108.85	108.40	110.54	111.05	109.23	108.34	108.12	107.99	107.91	
16	108.29	108.26	108.08	108.61	108.38	111.29	110.25	109.55	108.33	108.12	107.98	107.91	
17	108.35	108.12	108.07	108.55	108.36	110.35	109.79	109.59	108.31	108.12	108.03	107.91	
18	108.22	108.03	108.07	108.34	108.35	110.17	109.45	109.89	108.30	108.10	107.99	107.90	
19	108.21	108.35	108.06	108.22	108.37	109.98	109.37	109.31	108.28	108.07	107.98	107.90	
20	108.16	108.13	108.47	108.14	108.39	109.37	109.29	109.16	108.28	108.07	107.98	107.89	
21	108.13	109.66	109.73	108.13	108.34	109.16	109.18	109.05	108.27	108.07	107.98	107.91	
22	108.10	109.00	108.93	108.11	108.31	108.97	109.06	108.95	108.27	108.06	107.98	107.91	
23	108.07	108.56	109.05	108.10	108.34	108.86	108.97	108.89	108.27	108.06	107.98	108.01	
24	108.07	108.43	108.63	108.08	108.31	108.85	108.89	108.81	108.27	108.06	107.97	107.95	
25	108.08	108.36	108.48	108.22	108.29	109.50	108.84	108.76	108.27	108.06	107.97	107.92	
26	108.11	108.78	108.38	108.56	108.25	109.03	108.81	108.71	108.27	108.05	107.97	107.91	
27	108.15	108.56	108.20	108.69	108.24	108.87	110.05	108.70	108.26	108.05	107.97	107.89	
28	108.11	108.33	108.17	108.77	108.26	108.77	109.93	108.69	108.28	108.05	107.96	107.89	
29	108.08	108.25	108.13	108.64	108.25	108.93	109.57	108.64	108.27	108.05		107.88	
30	108.06	108.17	108.12	108.57	108.24	109.40	109.25	108.61	108.27	108.05		107.88	
31		108.12		108.54	108.21		109.18		108.29	108.04		107.88	
Mean	108.33	108.22	108.34	108.30	108.38	109.09	109.74	109.29	108.36	108.11	108.00	107.92	
Max	109.87	109.66	109.73	108.85	108.56	111.29	111.66	110.91	108.57	108.24	108.04	108.01	111.66
Min	108.06	107.89	108.06	108.05	108.21	108.15	108.81	108.61	108.26	108.04	107.96	107.88	107.88
Annual Max Momentary Gage Height	111.93		m. (MSL.) ,				at 09.00 Hours ,	on Oct 14 , 2005					
Zero Gage at Bottom Elevation	103.41		m. (MSL.) ,			River Bed	107.86	m. (MSL.)					
Left Bank Elevation		116.86		m. (MSL.) ,									
Right Bank Elevation		116.58		m. (MSL.) ,		Drainage Are	930	Square Kilometers					

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Khlong Pho at Ban Mai Khlong Charoen, Nakhon Sawan (Ct.7)

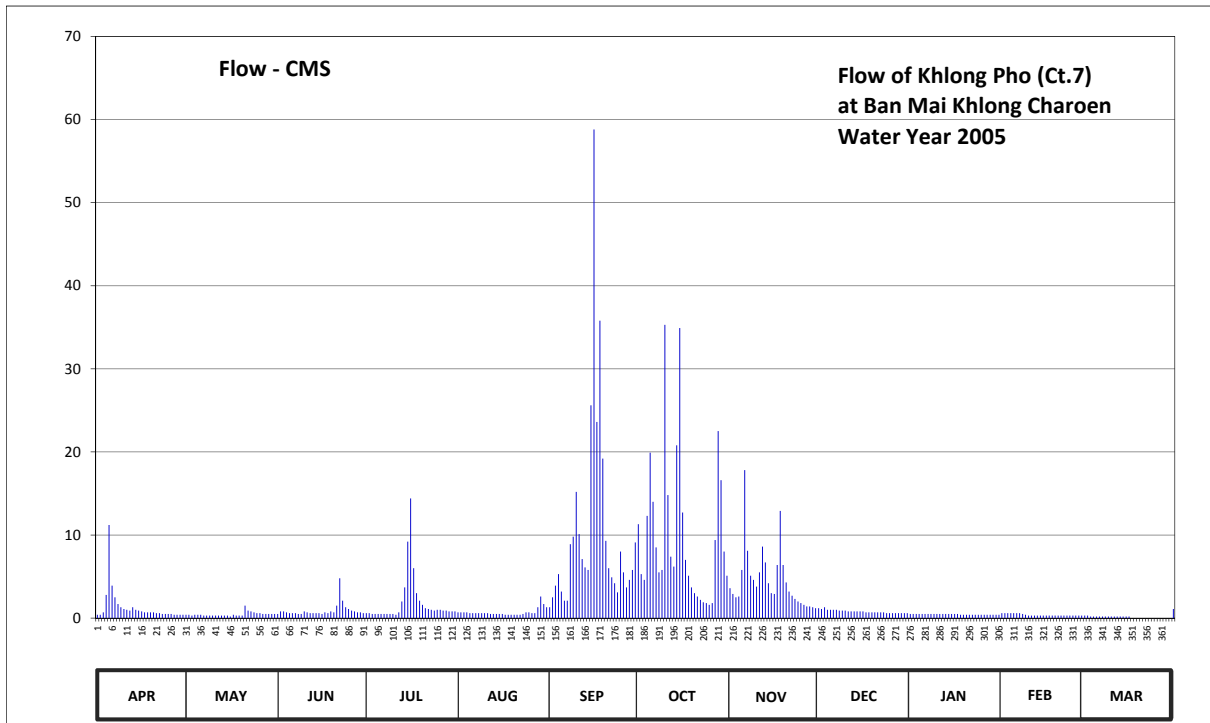
Lat 15 - 38 - 24 N Long 99 - 32 - 24 E

Location : on right bank at Ban Mai Khlong Charoen.

	Ban	Mai Khlong Charoen	Amphoe	Mae Poen	Changwat	Nakhon Sawan
Drainage Area	453	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+100.070 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	Near the sling pole.				Elevation	+104.520 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1975 - 1978, 2008 to date					
Rating Operation						
Period of Rating	1975 - 1978, 2008 to date					
Rated by Flot	-					
Rated by Current Meter	1975 - 1978, 2008 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by the local weir about 500 meters above gage site. Stage-discharge relation defined by 41 discharge measurements made in 2005					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	100.19	100.18	100.23	100.26	100.32	100.55	102.08	101.09	100.51	100.24	100.26	100.13	
2	100.18	100.17	100.33	100.25	100.31	100.85	101.36	100.95	100.49	100.24	100.25	100.13	
3	100.30	100.15	100.33	100.24	100.30	101.14	101.26	100.85	100.55	100.24	100.25	100.12	
4	100.92	100.20	100.30	100.24	100.29	101.37	102.16	100.88	100.44	100.24	100.25	100.12	
5	102.07	100.19	100.28	100.24	100.28	101.02	102.64	101.45	100.43	100.24	100.25	100.12	
6	101.15	100.18	100.27	100.24	100.28	100.76	102.28	102.54	100.43	100.24	100.25	100.11	
7	100.85	100.16	100.26	100.23	100.27	100.77	101.80	101.76	100.42	100.24	100.25	100.10	
8	100.67	100.16	100.23	100.23	100.26	101.85	101.39	101.33	100.41	100.24	100.22	100.10	
9	100.56	100.15	100.23	100.22	100.26	101.95	101.44	101.25	100.40	100.24	100.17	100.10	
10	100.47	100.15	100.33	100.21	100.25	102.37	103.10	101.13	100.38	100.24	100.16	100.10	
11	100.43	100.14	100.29	100.20	100.25	101.97	102.34	101.39	100.37	100.24	100.16	100.10	
12	100.39	100.13	100.28	100.29	100.24	101.64	101.67	101.82	100.37	100.24	100.16	100.10	
13	100.57	100.13	100.27	100.74	100.23	101.49	101.51	101.58	100.36	100.23	100.16	100.10	
14	100.43	100.13	100.26	101.11	100.23	101.44	102.68	101.19	100.35	100.22	100.16	100.09	
15	100.38	100.13	100.25	101.89	100.22	102.84	103.09	100.97	100.34	100.22	100.16	100.09	
16	100.34	100.12	100.24	102.31	100.21	103.52	102.19	100.94	100.33	100.22	100.15	100.08	
17	100.32	100.17	100.29	101.48	100.20	102.78	101.63	101.53	100.32	100.21	100.15	*****	
18	100.31	100.15	100.28	100.97	100.19	103.11	101.33	102.20	100.32	100.20	100.15	*****	
19	100.30	100.14	100.36	100.76	100.19	102.61	101.11	101.54	100.31	100.20	100.15	*****	
20	100.29	100.13	100.32	100.64	100.19	101.90	100.96	101.21	100.30	100.20	100.15	*****	
21	100.26	100.63	100.62	100.53	100.19	101.48	100.87	101.02	100.30	100.20	100.15	*****	
22	100.25	100.40	101.28	100.47	100.18	101.30	100.79	100.89	100.29	100.20	100.15	*****	
23	100.24	100.34	100.76	100.43	100.22	101.19	100.72	100.81	100.29	100.20	100.14	*****	
24	100.23	100.29	100.56	100.41	100.29	100.98	100.68	100.74	100.28	100.20	100.14	*****	
25	100.22	100.27	100.46	100.42	100.30	101.74	100.65	100.69	100.28	100.20	100.14	*****	
26	100.21	100.25	100.40	100.42	100.28	101.39	100.69	100.64	100.27	100.19	100.14	*****	
27	100.20	100.24	100.34	100.41	100.27	101.11	101.91	100.61	100.27	100.19	100.14	*****	
28	100.20	100.23	100.30	100.40	100.55	101.26	102.74	100.60	100.28	100.19	100.13	*****	
29	100.19	100.22	100.29	100.37	100.87	101.44	102.47	100.56	100.27	100.19		*****	
30	100.18	100.21	100.27	100.35	100.67	101.87	101.74	100.52	100.26	100.19		*****	
31		100.21		100.33	100.56		101.33		100.25	100.19		100.46	
Mean	100.44	100.20	100.36	100.56	100.30	101.66	101.70	101.16	100.35	100.22	100.18	*****	
Max	102.07	100.63	101.28	102.31	100.87	103.52	103.10	102.54	100.55	100.24	100.26	100.46	103.52
Min	100.18	100.12	100.23	100.20	100.18	100.55	100.65	100.52	100.25	100.19	100.13	*****	*****
Annual Max Momentary Gage Height	103.67		m. (MSL.) ,				at 06.00 Hours ,	on Sep 16 , 2005					
Zero Gage at Bottom Elevation	100.07		m. (MSL.) ,			River Bed	99.98	m. (MSL.)					
Left Bank Elevation		104.20		m. (MSL.) ,									
Right Bank Elevation		104.47		m. (MSL.) ,		Drainage Are	453	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.40	0.50	0.60	0.70	1.30	11.30	3.60	1.20	0.50	0.60	0.30	
2	0.40	0.40	0.80	0.60	0.70	2.50	5.30	2.90	1.10	0.50	0.60	0.30	
3	0.70	0.30	0.80	0.50	0.70	3.90	4.60	2.50	1.30	0.50	0.60	0.20	
4	2.80	0.40	0.70	0.50	0.70	5.30	12.30	2.60	1.00	0.50	0.60	0.20	
5	11.20	0.40	0.60	0.50	0.60	3.20	19.90	5.80	1.00	0.50	0.60	0.20	
6	3.90	0.40	0.60	0.50	0.60	2.10	14.00	17.80	1.00	0.50	0.60	0.20	
7	2.50	0.30	0.60	0.50	0.60	2.10	8.50	8.10	1.00	0.50	0.60	0.20	
8	1.70	0.30	0.50	0.50	0.60	8.90	5.50	5.10	0.90	0.50	0.50	0.20	
9	1.30	0.30	0.50	0.50	0.60	9.80	5.80	4.60	0.90	0.50	0.40	0.20	
10	1.10	0.30	0.80	0.50	0.60	15.20	35.30	3.80	0.90	0.50	0.30	0.20	
11	1.00	0.30	0.70	0.40	0.60	10.10	14.80	5.50	0.80	0.50	0.30	0.20	
12	0.90	0.30	0.60	0.70	0.50	7.10	7.40	8.60	0.80	0.50	0.30	0.20	
13	1.30	0.30	0.60	2.00	0.50	6.10	6.20	6.70	0.80	0.50	0.30	0.20	
14	1.00	0.30	0.60	3.70	0.50	5.80	20.80	4.20	0.80	0.50	0.30	0.20	
15	0.90	0.30	0.60	9.20	0.50	25.60	34.90	3.00	0.80	0.50	0.30	0.20	
16	0.80	0.20	0.50	14.40	0.50	58.80	12.70	2.90	0.80	0.50	0.30	0.20	
17	0.70	0.40	0.70	6.00	0.40	23.60	7.00	6.40	0.70	0.50	0.30	*****	
18	0.70	0.30	0.60	3.00	0.40	35.80	5.10	12.90	0.70	0.40	0.30	*****	
19	0.70	0.30	0.80	2.10	0.40	19.20	3.70	6.40	0.70	0.40	0.30	*****	
20	0.70	0.30	0.70	1.60	0.40	9.30	3.00	4.30	0.70	0.40	0.30	*****	
21	0.60	1.50	1.50	1.20	0.40	6.00	2.60	3.20	0.70	0.40	0.30	*****	
22	0.60	0.90	4.80	1.10	0.40	4.90	2.20	2.70	0.70	0.40	0.30	*****	
23	0.50	0.80	2.10	1.00	0.50	4.20	1.90	2.30	0.70	0.40	0.30	*****	
24	0.50	0.70	1.30	0.90	0.70	3.10	1.80	2.00	0.60	0.40	0.30	*****	
25	0.50	0.60	1.10	1.00	0.70	8.00	1.60	1.80	0.60	0.40	0.30	*****	
26	0.50	0.60	0.90	1.00	0.60	5.50	1.80	1.60	0.60	0.40	0.30	*****	
27	0.40	0.50	0.80	0.90	0.60	3.70	9.40	1.40	0.60	0.40	0.30	*****	
28	0.40	0.50	0.70	0.90	1.30	4.60	22.50	1.40	0.60	0.40	0.30	*****	
29	0.40	0.50	0.70	0.80	2.60	5.80	16.60	1.30	0.60	0.40		*****	
30	0.40	0.50	0.60	0.80	1.70	9.10	8.00	1.20	0.60	0.40		*****	
31		0.50		0.80	1.30		5.10		0.60	0.40		1.10	
Total	39.50	14.10	27.30	58.70	21.90	310.60	311.60	136.60	24.80	14.10	10.80	*****	***** CMSDAY
Mean	1.30	0.50	0.90	1.90	0.70	10.40	10.10	4.60	0.80	0.50	0.40	*****	***** CMS
Max	11.20	1.50	4.80	14.40	2.60	58.80	35.30	17.80	1.30	0.50	0.60	1.10	58.80 CMS
Min	0.40	0.20	0.50	0.40	0.40	1.30	1.60	1.20	0.60	0.40	0.30	*****	***** CMS
Runoff	3.41	1.22	2.36	5.07	1.89	26.84	26.92	11.80	2.14	1.22	0.93	*****	***** MCM
Momentary Peak	70.54 CMS. at 103.67 m. (MSL.) at 06.00 Hours , on Sep 16 , 2005												
Runoff Yield	***** Liters/Second/Square KM. Momentary Peak Yield 155.717 Liters/Second/Square KM.												

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Huai Thap Salao at Ban Bung Ai Chiam, Uthai Thani (Ct.9)

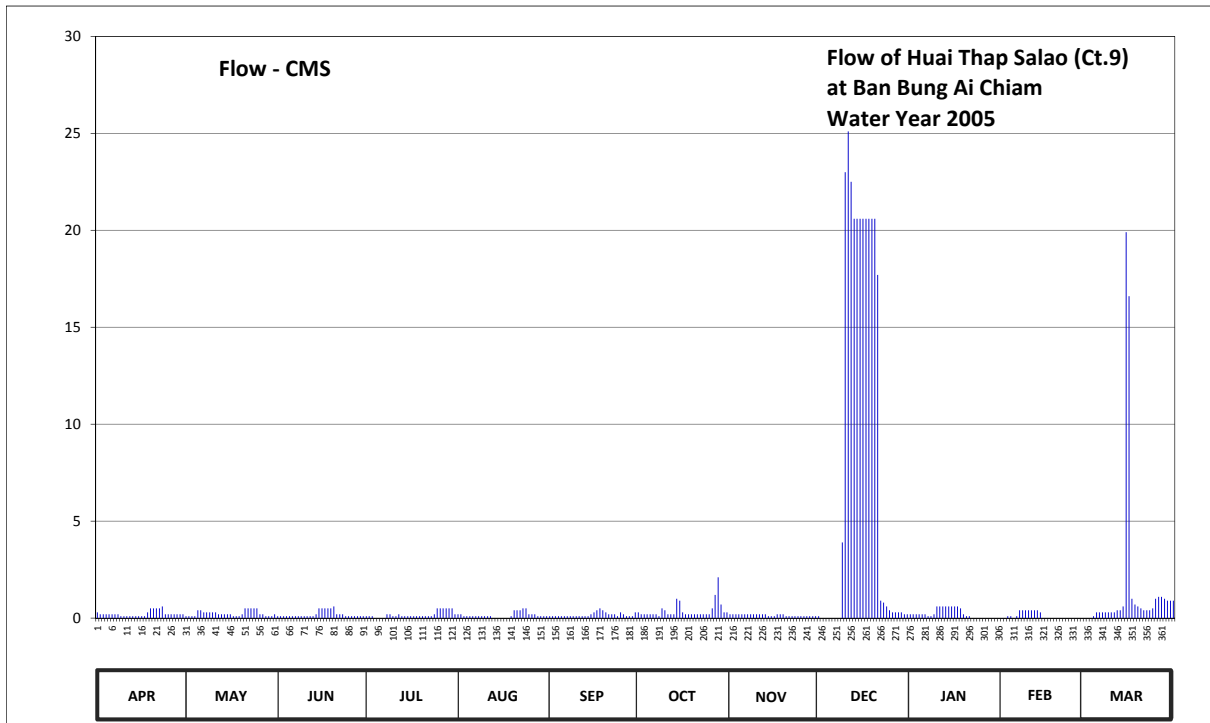
Lat 15 - 31 - 35 N Long 99 - 28 - 10 E

Location : on left bank about 9 kilometers upstream from Ct.6.

	Ban	Bung Ai Chiam	Amphoe	Lan Sak	Changwat	Uthai Thani	
Drainage Area	528	sq.km.					
Type of Gage	Staff gage.						
Zero Gage at Bottom	+123.450 m. (MSL.)						
Bench Mark	B.M.-H.D.						
Location BM	On left bank about 100 meters from the gage observer's house					Elevation	+129.000 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.						
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings						
Period of Available Gage Records	1977 to date						
Rating Operation							
Period of Rating	1977 to date						
Rated by Flot	-						
Rated by Current Meter	1977 to date						
Stability of Channel Regimes	Fairly stable						
Overbank Flow Conditions	No overbank flow.						
General Description	Records good. Flow regulated by Rabum Dam above gage site. Stage-discharge relation defined by 13 discharge measurements made in 2005.						

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.51	123.46	123.46	123.43	123.49	123.43	123.52	123.50	123.43	123.48	123.39	123.37	
2	123.48	123.46	123.46	123.43	123.47	123.43	123.48	123.49	123.42	123.48	123.39	123.37	
3	123.48	123.46	123.44	123.43	123.46	123.43	123.47	123.48	123.42	123.47	123.43	123.37	
4	123.48	123.46	123.44	123.42	123.46	123.43	123.47	123.48	123.42	123.47	123.43	123.45	
5	123.49	123.55	123.44	123.42	123.44	123.43	123.47	123.48	123.42	123.47	123.41	123.52	
6	123.48	123.54	123.44	123.42	123.44	123.43	123.47	123.48	123.42	123.47	123.46	123.52	
7	123.47	123.52	123.43	123.42	123.44	123.43	123.47	123.48	123.42	123.46	123.55	123.52	
8	123.47	123.52	123.43	123.47	123.44	123.43	123.46	123.48	123.42	123.46	123.55	123.52	
9	123.46	123.52	123.43	123.47	123.43	123.43	123.58	123.48	123.94	123.49	123.55	123.53	
10	123.46	123.52	123.43	123.46	123.43	123.43	123.55	123.48	124.63	123.60	123.55	123.53	
11	123.44	123.51	123.43	123.44	123.43	123.43	123.50	123.47	124.68	123.60	123.55	123.53	
12	123.44	123.48	123.43	123.48	123.43	123.43	123.48	123.47	124.62	123.60	123.55	123.54	
13	123.43	123.48	123.43	123.46	123.42	123.43	123.47	123.47	124.57	123.60	123.55	123.55	
14	123.43	123.47	123.49	123.44	123.42	123.43	123.66	123.46	124.57	123.60	123.53	123.60	
15	123.44	123.47	123.58	123.44	123.42	123.50	123.64	123.46	124.57	123.60	123.42	124.55	
16	123.44	123.47	123.58	123.46	123.42	123.52	123.53	123.46	124.57	123.60	123.40	124.46	
17	123.44	123.46	123.58	123.46	123.42	123.55	123.50	123.47	124.57	123.60	123.40	123.67	
18	123.51	123.46	123.58	123.46	123.42	123.58	123.48	123.47	124.57	123.57	123.39	123.62	
19	123.57	123.46	123.58	123.46	123.46	123.55	123.47	123.47	124.57	123.47	123.39	123.59	
20	123.57	123.50	123.59	123.44	123.55	123.51	123.47	123.46	124.57	123.43	123.39	123.57	
21	123.57	123.58	123.50	123.43	123.55	123.48	123.47	123.46	124.49	123.43	123.39	123.55	
22	123.58	123.58	123.48	123.43	123.55	123.47	123.47	123.46	123.65	123.42	123.39	123.55	
23	123.59	123.58	123.47	123.43	123.58	123.47	123.47	123.46	123.63	123.42	123.39	123.54	
24	123.50	123.58	123.46	123.47	123.56	123.46	123.47	123.46	123.59	123.42	123.38	123.56	
25	123.50	123.56	123.46	123.58	123.49	123.51	123.47	123.44	123.54	123.42	123.38	123.67	
26	123.48	123.48	123.46	123.58	123.47	123.49	123.57	123.44	123.53	123.41	123.38	123.68	
27	123.48	123.48	123.46	123.58	123.47	123.46	123.70	123.43	123.53	123.41	123.37	123.68	
28	123.48	123.46	123.44	123.58	123.46	123.46	123.81	123.43	123.52	123.40	123.37	123.67	
29	123.47	123.46	123.44	123.58	123.46	123.46	123.62	123.43	123.51	123.40		123.65	
30	123.47	123.46	123.44	123.57	123.44	123.53	123.53	123.43	123.49	123.40		123.65	
31		123.47		123.50	123.44		123.51		123.49	123.39		123.65	
Mean	123.49	123.50	123.48	123.47	123.46	123.47	123.52	123.46	123.93	123.49	123.44	123.62	
Max	123.59	123.58	123.59	123.58	123.58	123.58	123.81	123.50	124.68	123.60	123.55	124.55	124.68
Min	123.43	123.46	123.43	123.42	123.42	123.43	123.46	123.43	123.42	123.39	123.37	123.37	123.37
Annual Max Momentary Gage Height	124.68		m. (MSL.) ,				at 15.00 Hours ,		on Dec 10 , 2005				
Zero Gage at Bottom Elevation	123.45		m. (MSL.) ,			River Bed	123.38		m. (MSL.)				
Left Bank Elevation		127.52		m. (MSL.) ,									
Right Bank Elevation		127.71		m. (MSL.) ,		Drainage Are	528		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.10	0.10	0.10	0.20	0.10	0.30	0.20	0.10	0.20	0.00	0.00	
2	0.20	0.10	0.10	0.10	0.20	0.10	0.20	0.20	0.00	0.20	0.00	0.00	
3	0.20	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.00	0.20	0.10	0.00	
4	0.20	0.10	0.10	0.00	0.10	0.10	0.20	0.20	0.00	0.20	0.10	0.10	
5	0.20	0.40	0.10	0.00	0.10	0.10	0.20	0.20	0.00	0.20	0.00	0.30	
6	0.20	0.40	0.10	0.00	0.10	0.10	0.20	0.20	0.00	0.20	0.10	0.30	
7	0.20	0.30	0.10	0.00	0.10	0.10	0.20	0.20	0.00	0.10	0.40	0.30	
8	0.20	0.30	0.10	0.20	0.10	0.10	0.10	0.20	0.00	0.10	0.40	0.30	
9	0.10	0.30	0.10	0.20	0.10	0.10	0.50	0.20	3.90	0.20	0.40	0.30	
10	0.10	0.30	0.10	0.10	0.10	0.10	0.40	0.20	23.00	0.60	0.40	0.30	
11	0.10	0.30	0.10	0.10	0.10	0.10	0.20	0.20	25.10	0.60	0.40	0.30	
12	0.10	0.20	0.10	0.20	0.10	0.10	0.20	0.20	22.50	0.60	0.40	0.40	
13	0.10	0.20	0.10	0.10	0.00	0.10	0.20	0.20	20.60	0.60	0.40	0.40	
14	0.10	0.20	0.20	0.10	0.00	0.10	1.00	0.10	20.60	0.60	0.30	0.60	
15	0.10	0.20	0.50	0.10	0.00	0.20	0.90	0.10	20.60	0.60	0.00	19.90	
16	0.10	0.20	0.50	0.10	0.00	0.30	0.30	0.10	20.60	0.60	0.00	16.60	
17	0.10	0.10	0.50	0.10	0.00	0.40	0.20	0.20	20.60	0.60	0.00	1.00	
18	0.30	0.10	0.50	0.10	0.00	0.50	0.20	0.20	20.60	0.50	0.00	0.70	
19	0.50	0.10	0.50	0.10	0.10	0.40	0.20	0.20	20.60	0.20	0.00	0.60	
20	0.50	0.20	0.60	0.10	0.40	0.30	0.20	0.10	20.60	0.10	0.00	0.50	
21	0.50	0.50	0.20	0.10	0.40	0.20	0.20	0.10	17.70	0.10	0.00	0.40	
22	0.50	0.50	0.20	0.10	0.40	0.20	0.20	0.10	0.90	0.00	0.00	0.40	
23	0.60	0.50	0.20	0.10	0.50	0.20	0.20	0.10	0.80	0.00	0.00	0.40	
24	0.20	0.50	0.10	0.20	0.50	0.10	0.20	0.10	0.60	0.00	0.00	0.50	
25	0.20	0.50	0.10	0.50	0.20	0.30	0.20	0.10	0.40	0.00	0.00	1.00	
26	0.20	0.20	0.10	0.50	0.20	0.20	0.50	0.10	0.30	0.00	0.00	1.10	
27	0.20	0.20	0.10	0.50	0.20	0.10	1.20	0.10	0.30	0.00	0.00	1.10	
28	0.20	0.10	0.10	0.50	0.10	0.10	2.10	0.10	0.30	0.00	0.00	1.00	
29	0.20	0.10	0.10	0.50	0.10	0.10	0.70	0.10	0.30	0.00	0.00	0.90	
30	0.20	0.10	0.10	0.50	0.10	0.30	0.30	0.10	0.20	0.00	0.00	0.90	
31		0.20		0.20	0.10		0.30		0.20	0.00		0.90	
Total	6.90	7.60	5.90	5.60	4.70	5.30	12.20	4.60	261.40	7.30	3.40	51.50	376.40 CMSDAY
Mean	0.20	0.20	0.20	0.20	0.20	0.20	0.40	0.20	8.40	0.20	0.10	1.70	1.00 CMS
Max	0.60	0.50	0.60	0.50	0.50	0.50	2.10	0.20	25.10	0.60	0.40	19.90	25.10 CMS
Min	0.10	0.10	0.10	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.60	0.66	0.51	0.48	0.41	0.46	1.05	0.40	22.58	0.63	0.29	4.45	32.52 MCM
Momentary Peak	25.06	CMS. at 124.68 m. (MSL.) at 15.00 Hours , on Dec 10, 2005											
Runoff Yield	1.95	Liters/Second/Square KM. Momentary Peak Yield 47.462 Liters/Second/Square KM.											

WATER YEAR : 2005**PASAK RIVER BASIN****Pasak River at Ban Kaeng Khoi, Saraburi (S.2)**

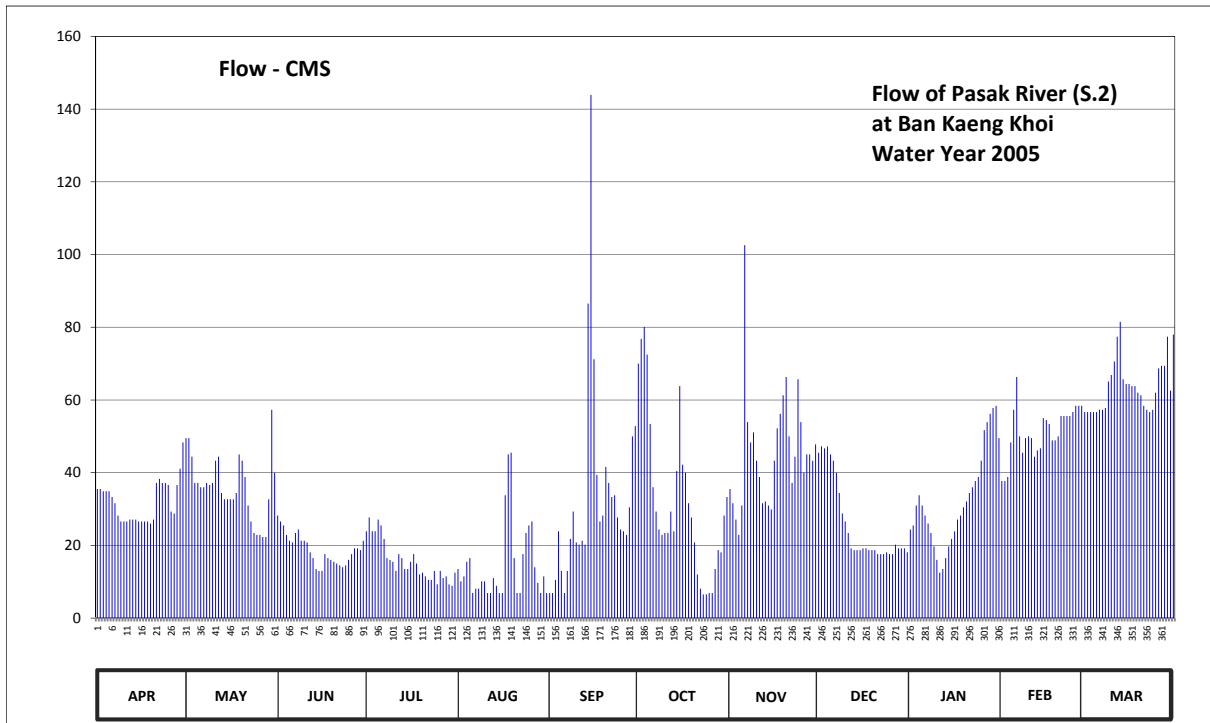
Lat 14 - 35 - 32 N Long 100 - 00 - 23 E

Location : on left bank about 100 meters downstream from Kaeng Khoi Water Supply.

	Ban Kaeng Khoi	Amphoe Kaeng Khoi	Changwat Saraburi
Drainage Area	14,449 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+6.110 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the automatic gage building.	Elevation	+21.622 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	1914 to date		
Rating Operation			
Period of Rating	1959 - 1962, 1965 - 1966, 1993 to date.		
Rated by Flot	-		
Rated by Current Meter	1959 - 1962, 1965 - 1966, 1993 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 34 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.57	7.82	7.44	7.36	7.16	7.01	8.17	7.57	7.75	7.37	7.61	7.95	
2	7.57	7.82	7.41	7.43	7.09	7.01	8.28	7.50	7.78	7.39	7.61	7.95	
3	7.56	7.73	7.39	7.36	7.12	7.10	8.33	7.42	7.77	7.49	7.63	7.95	
4	7.56	7.60	7.34	7.36	7.20	7.36	8.21	7.34	7.78	7.54	7.80	7.95	
5	7.56	7.60	7.31	7.42	7.22	7.15	7.89	7.49	7.74	7.49	7.96	7.95	
6	7.53	7.58	7.30	7.39	7.01	7.01	7.58	8.64	7.71	7.44	8.11	7.96	
7	7.50	7.58	7.35	7.32	7.04	7.15	7.46	7.90	7.65	7.40	7.83	7.96	
8	7.44	7.60	7.37	7.22	7.04	7.32	7.37	7.80	7.55	7.35	7.75	7.97	
9	7.41	7.59	7.31	7.21	7.09	7.46	7.34	7.85	7.45	7.28	7.82	8.09	
10	7.41	7.60	7.31	7.20	7.09	7.30	7.35	7.71	7.41	7.21	7.83	8.12	
11	7.41	7.71	7.30	7.15	7.01	7.29	7.35	7.63	7.35	7.14	7.82	8.18	
12	7.42	7.73	7.25	7.24	7.01	7.31	7.46	7.50	7.27	7.16	7.73	8.29	
13	7.42	7.55	7.22	7.22	7.11	7.29	7.36	7.51	7.26	7.22	7.76	8.35	
14	7.42	7.52	7.16	7.16	7.06	8.42	7.66	7.49	7.26	7.28	7.77	8.10	
15	7.41	7.52	7.15	7.16	7.01	9.09	8.07	7.47	7.26	7.32	7.92	8.08	
16	7.41	7.52	7.15	7.20	7.01	8.19	7.69	7.71	7.27	7.36	7.91	8.08	
17	7.41	7.52	7.24	7.24	7.54	7.64	7.65	7.87	7.27	7.42	7.89	8.07	
18	7.41	7.55	7.22	7.19	7.74	7.41	7.50	7.94	7.26	7.44	7.81	8.07	
19	7.40	7.74	7.21	7.13	7.75	7.44	7.43	8.03	7.26	7.48	7.81	8.04	
20	7.42	7.71	7.20	7.14	7.22	7.68	7.30	8.11	7.26	7.51	7.83	8.03	
21	7.60	7.63	7.19	7.12	7.01	7.60	7.13	7.83	7.24	7.55	7.93	7.98	
22	7.62	7.49	7.18	7.10	7.01	7.53	7.04	7.60	7.24	7.58	7.93	7.96	
23	7.60	7.41	7.17	7.10	7.24	7.54	7.00	7.73	7.24	7.61	7.93	7.95	
24	7.60	7.35	7.18	7.15	7.35	7.43	7.00	8.10	7.25	7.63	7.93	7.96	
25	7.59	7.34	7.21	7.07	7.39	7.37	7.01	7.90	7.24	7.71	7.95	8.04	
26	7.46	7.34	7.24	7.15	7.41	7.36	7.01	7.65	7.24	7.86	7.98	8.15	
27	7.45	7.33	7.27	7.11	7.17	7.34	7.16	7.74	7.29	7.90	7.98	8.16	
28	7.59	7.33	7.27	7.12	7.08	7.48	7.26	7.74	7.27	7.94	7.98	8.16	
29	7.67	7.52	7.26	7.07	7.01	7.83	7.25	7.71	7.27	7.97		8.29	
30	7.80	7.96	7.31	7.06	7.12	7.88	7.44	7.79	7.27	7.98		8.05	
31		7.65		7.14	7.01		7.53		7.25	7.82		8.30	
Mean	7.51	7.58	7.26	7.20	7.17	7.50	7.49	7.74	7.39	7.51	7.85	8.07	
Max	7.80	7.96	7.44	7.43	7.75	9.09	8.33	8.64	7.78	7.98	8.11	8.35	9.09
Min	7.40	7.33	7.15	7.06	7.01	7.01	7.00	7.34	7.24	7.14	7.61	7.95	7.00
Annual Max Momentary Gage Height	9.11		m. (MSL.) ,			at 15.00 Hours ,	on Sep 15 , 2005						
Zero Gage at Bottom Elevation	6.11		m. (MSL.) ,			River Bed	4.84	m. (MSL.)					
Left Bank Elevation		21.62	m. (MSL.) ,										
Right Bank Elevation		21.59	m. (MSL.) ,			Drainage Are	14,449	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	35.50	49.50	28.20	23.90	13.50	6.90	70.00	35.50	45.50	24.40	37.70	56.70		
2	35.50	49.50	26.60	27.70	10.10	6.90	76.80	31.60	47.20	25.50	37.70	56.70		
3	34.90	44.40	25.50	23.90	11.50	10.50	80.10	27.10	46.70	31.00	38.80	56.70		
4	34.90	37.20	22.90	23.90	15.50	23.90	72.50	22.90	47.20	33.80	48.30	56.70		
5	34.90	37.20	21.30	27.10	16.50	13.00	53.40	31.00	45.00	31.00	57.30	56.70		
6	33.30	36.00	20.80	25.50	6.90	6.90	36.00	102.60	43.30	28.20	66.30	57.30		
7	31.60	36.00	23.40	21.80	8.10	13.00	29.30	53.90	40.00	26.00	50.00	57.30		
8	28.20	37.20	24.40	16.50	8.10	21.80	24.40	48.30	34.40	23.40	45.50	57.80		
9	26.60	36.60	21.30	16.00	10.10	29.30	22.90	51.10	28.80	19.70	49.50	65.10		
10	26.60	37.20	21.30	15.50	10.10	20.80	23.40	43.30	26.60	16.00	50.00	66.90		
11	26.60	43.30	20.80	13.00	6.90	20.20	23.40	38.80	23.40	12.50	49.50	70.60		
12	27.10	44.40	18.10	17.60	6.90	21.30	29.30	31.60	19.20	13.50	44.40	77.40		
13	27.10	34.40	16.50	16.50	11.00	20.20	23.90	32.10	18.70	16.50	46.10	81.50		
14	27.10	32.70	13.50	13.50	8.90	86.50	40.50	31.00	18.70	19.70	46.70	65.70		
15	26.60	32.70	13.00	13.50	6.90	143.90	63.80	29.90	18.70	21.80	55.00	64.40		
16	26.60	32.70	13.00	15.50	6.90	71.20	42.20	43.30	19.20	23.90	54.50	64.40		
17	26.60	32.70	17.60	17.60	33.80	39.40	40.00	52.20	19.20	27.10	53.40	63.80		
18	26.60	34.40	16.50	15.00	45.00	26.60	31.60	56.20	18.70	28.20	48.90	63.80		
19	26.00	45.00	16.00	12.00	45.50	28.20	27.70	61.30	18.70	30.50	48.90	62.00		
20	27.10	43.30	15.50	12.50	16.50	41.60	20.80	66.30	18.70	32.10	50.00	61.30		
21	37.20	38.80	15.00	11.50	6.90	37.20	12.00	50.00	17.60	34.40	55.60	58.40		
22	38.30	31.00	14.50	10.50	6.90	33.30	8.10	37.20	17.60	36.00	55.60	57.30		
23	37.20	26.60	14.00	10.50	17.60	33.80	6.50	44.40	17.60	37.70	55.60	56.70		
24	37.20	23.40	14.50	13.00	23.40	27.70	6.50	65.70	18.10	38.80	55.60	57.30		
25	36.60	22.90	16.00	9.30	25.50	24.40	6.90	53.90	17.60	43.30	56.70	62.00		
26	29.30	22.90	17.60	13.00	26.60	23.90	6.90	40.00	17.60	51.70	58.40	68.70		
27	28.80	22.30	19.20	11.00	14.00	22.90	13.50	45.00	20.20	53.90	58.40	69.40		
28	36.60	22.30	19.20	11.50	9.70	30.50	18.70	45.00	19.20	56.20	58.40	69.40		
29	41.10	32.70	18.70	9.30	6.90	50.00	18.10	43.30	19.20	57.80		77.40		
30	48.30	57.30	21.30	8.90	11.50	52.80	28.20	47.80	19.20	58.40		62.60		
31		40.00		12.50	6.90		33.30		18.10	49.50		78.00		
Total	960.00	1116.60	566.20	489.50	454.60	988.60	990.70	1362.30	799.90	1002.50	1432.80	1980.00	12143.70	CMSDAY
Mean	32.00	36.00	18.90	15.80	14.70	33.00	32.00	45.40	25.80	32.30	51.20	63.90	33.30	CMS
Max	48.30	57.30	28.20	27.70	45.50	143.90	80.10	102.60	47.20	58.40	66.30	81.50	143.90	CMS
Min	26.00	22.30	13.00	8.90	6.90	6.90	6.50	22.90	17.60	12.50	37.70	56.70	6.50	CMS
Runoff	82.94	96.47	48.92	42.29	39.28	85.42	85.60	117.70	69.11	86.62	123.79	171.07	1049.22	MCM
Momentary Peak	146.10	CMS. at 9.11 m. (MSL.) at 15.00 Hours , on Sep 15 , 2005												
Runoff Yield	2.30	Liters/Second/Square KM.		Momentary Peak Yield		10.111	Liters/Second/Square KM.							

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Tan Dieo , Phetchabun (S.3)

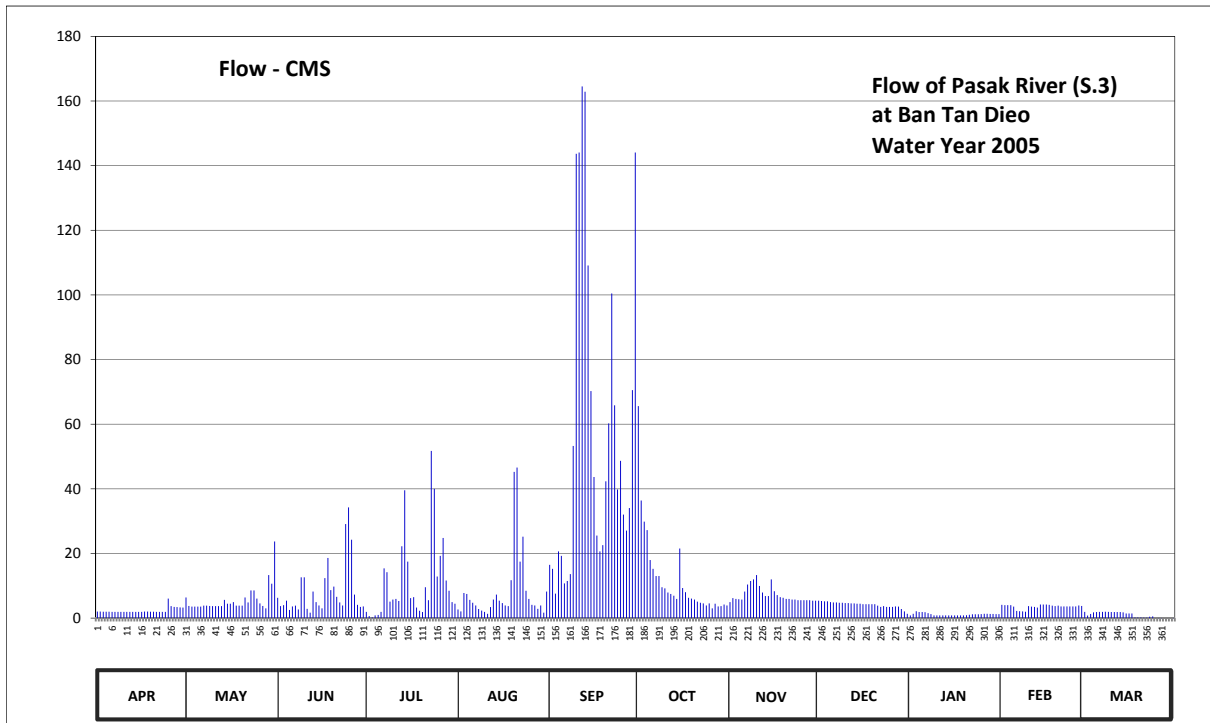
Lat 16 - 46 - 51 N Long 101 - 14 - 57 E

Location : on left bank near the bridge of Samakkhichai - Nonthakit Road.

	Ban Tan Dieo	Amphoe Lom Sak	Changwat Phetchabun
Drainage Area	1,037 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+136.630 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the staff gage.		Elevation +146.409 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1950 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by the concrete weir about 150 meters downstream from the gage site. Stage-discharge relation defined by 19 discharge measurements made in 2005.		

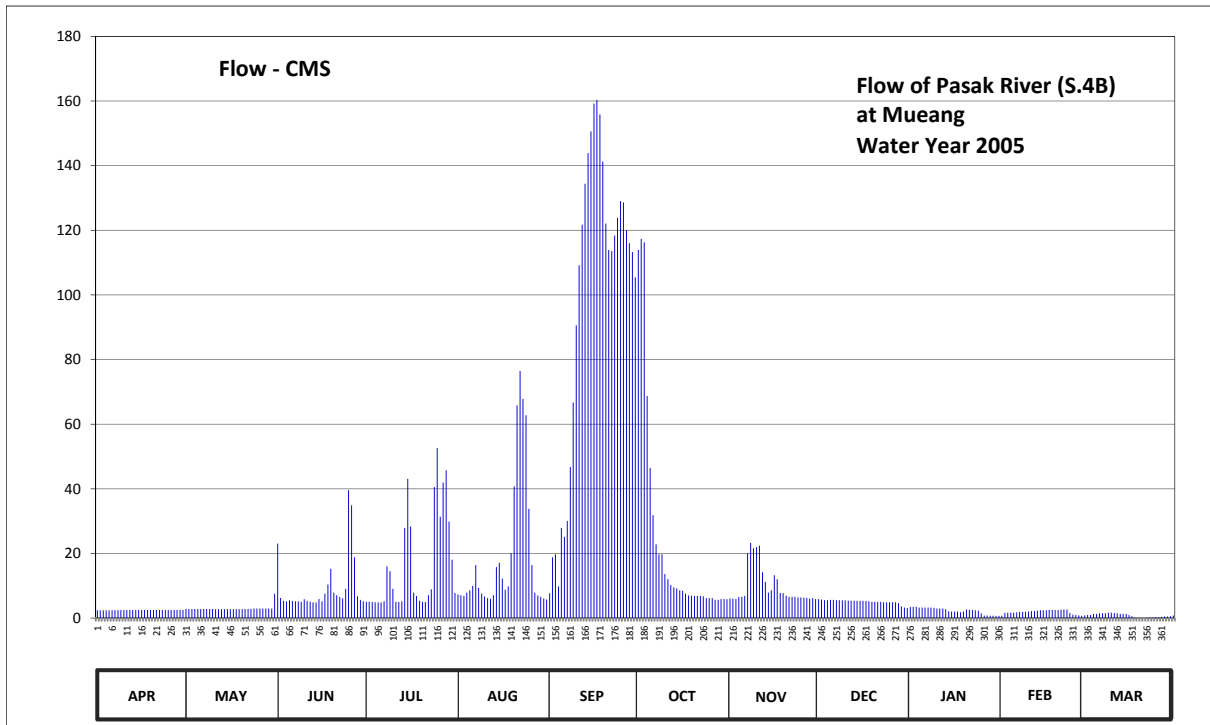
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.91	138.42	138.41	137.89	138.02	139.23	141.53	138.29	138.33	137.63	138.21	137.89	
2	137.91	138.17	138.16	137.55	137.92	139.15	140.30	138.40	138.32	137.75	138.20	137.61	
3	137.90	138.14	138.20	137.39	138.55	138.53	139.98	138.38	138.31	137.93	138.20	137.74	
4	137.90	138.14	138.33	137.63	138.52	139.48	139.84	138.37	138.31	137.88	138.20	137.86	
5	137.90	138.14	138.00	137.66	138.35	139.40	139.32	138.36	138.29	137.88	138.14	137.88	
6	137.89	138.14	138.15	137.89	138.27	138.82	139.15	138.59	138.28	137.87	137.94	137.89	
7	137.89	138.18	138.18	139.16	138.19	138.88	139.00	138.79	138.28	137.81	137.93	137.89	
8	137.89	138.18	138.02	139.08	138.04	139.04	139.00	138.88	138.27	137.73	137.92	137.90	
9	137.89	138.17	138.97	138.30	137.96	141.05	138.71	138.92	138.27	137.63	137.90	137.89	
10	137.89	138.16	138.97	138.36	137.89	143.88	138.68	139.02	138.26	137.63	138.16	137.88	
11	137.89	138.16	138.05	138.38	137.76	143.89	138.56	138.75	138.26	137.63	138.14	137.88	
12	137.89	138.16	137.84	138.32	138.12	144.40	138.52	138.56	138.25	137.63	138.13	137.88	
13	137.89	138.16	138.59	139.57	138.36	144.36	138.47	138.46	138.25	137.63	138.10	137.88	
14	137.89	138.35	138.29	140.45	138.50	143.03	138.38	138.46	138.24	137.63	138.22	137.86	
15	137.89	138.24	138.19	139.29	138.33	141.70	139.53	138.92	138.24	137.63	138.22	137.78	
16	137.89	138.24	138.07	138.40	138.26	140.64	138.69	138.60	138.23	137.63	138.22	137.78	
17	137.91	138.29	138.95	138.43	138.19	139.75	138.57	138.49	138.23	137.63	138.21	137.78	
18	137.91	138.18	139.36	138.10	138.16	139.48	138.41	138.43	138.23	137.63	138.18	137.36	
19	137.90	138.18	138.63	137.95	138.90	139.59	138.39	138.41	138.23	137.63	138.16	137.36	
20	137.90	138.18	138.73	137.88	140.71	140.58	138.36	138.38	138.23	137.64	138.18	137.36	
21	137.89	138.42	138.44	138.71	140.77	141.33	138.30	138.38	138.18	137.68	138.15	137.31	
22	137.89	138.28	138.28	138.34	139.29	142.68	138.27	138.36	138.13	137.71	138.15	137.33	
23	137.89	138.62	138.19	140.99	139.73	141.54	138.25	138.36	138.16	137.71	138.15	137.48	
24	137.89	138.62	139.94	140.47	138.61	140.46	138.19	138.34	138.13	137.71	138.15	137.52	
25	138.39	138.39	140.20	138.99	138.38	140.86	138.25	138.34	138.13	137.73	138.15	137.16	
26	138.16	138.25	139.68	139.40	138.21	140.09	138.07	138.34	138.13	137.75	138.15	137.26	
27	138.13	138.17	138.50	139.71	138.19	139.83	138.24	138.34	138.15	137.75	138.19	137.24	
28	138.12	138.07	138.21	138.89	138.05	140.19	138.15	138.34	138.14	137.74	138.17	137.10	
29	138.11	139.02	138.13	138.61	138.19	141.71	138.16	138.33	138.04	137.74		137.03	
30	138.10	138.81	138.15	138.29	137.84	143.89	138.22	138.33	137.92	137.73		137.16	
31		139.65		138.24	138.59		138.19		137.75	137.73		137.25	
Mean	137.95	138.33	138.53	138.66	138.48	140.92	138.76	138.50	138.20	137.71	138.14	137.59	
Max	138.39	139.65	140.20	140.99	140.77	144.40	141.53	139.02	138.33	137.93	138.22	137.90	144.40
Min	137.89	138.07	137.84	137.39	137.76	138.53	138.07	138.29	137.75	137.63	137.90	137.03	137.03
Annual Max Momentary Gage Height	144.49		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	136.63		m. (MSL.) ,			River Bed	136.45		m. (MSL.)				
Left Bank Elevation	145.90		m. (MSL.) ,										
Right Bank Elevation	145.90		m. (MSL.) ,			Drainage Are	1,037		Square Kilometers				



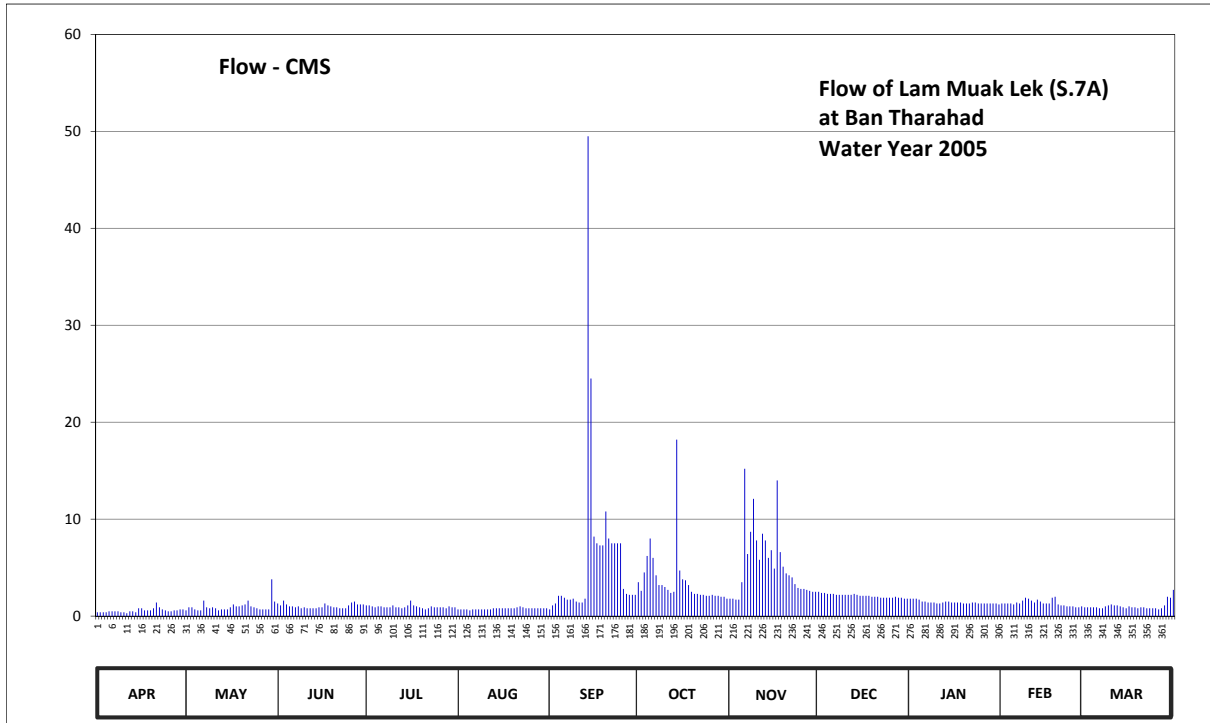
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.05	6.38	6.28	1.95	2.65	16.49	65.58	4.97	5.41	0.86	4.11	1.95	
2	2.05	3.78	3.70	0.63	2.10	15.25	36.38	6.17	5.30	1.31	4.00	0.79	
3	2.00	3.55	4.00	0.24	7.79	7.57	29.87	5.95	5.19	2.15	4.00	1.28	
4	2.00	3.55	5.41	0.86	7.47	20.65	27.25	5.84	5.19	1.90	4.00	1.80	
5	2.00	3.55	2.50	0.97	5.63	19.25	17.95	5.73	4.97	1.90	3.55	1.90	
6	1.95	3.55	3.62	1.95	4.76	10.75	15.25	8.22	4.87	1.85	2.20	1.95	
7	1.95	3.85	3.85	15.40	3.93	11.50	13.00	10.39	4.87	1.55	2.15	1.95	
8	1.95	3.85	2.65	14.20	2.80	13.60	13.00	11.50	4.76	1.24	2.10	2.00	
9	1.95	3.78	12.63	5.08	2.30	53.25	9.53	12.00	4.76	0.86	2.00	1.95	
10	1.95	3.70	12.63	5.73	1.95	143.70	9.20	13.30	4.65	0.86	3.70	1.90	
11	1.95	3.70	2.88	5.95	1.35	144.10	7.90	9.96	4.65	0.86	3.55	1.90	
12	1.95	3.70	1.70	5.30	3.40	164.50	7.47	7.90	4.54	0.86	3.48	1.90	
13	1.95	3.70	8.22	22.23	5.73	162.90	6.93	6.82	4.54	0.86	3.25	1.90	
14	1.95	5.63	4.97	39.56	7.25	109.10	5.95	6.82	4.43	0.86	4.22	1.80	
15	1.95	4.43	3.93	17.46	5.41	70.25	21.52	12.00	4.43	0.86	4.22	1.42	
16	1.95	4.43	3.03	6.17	4.65	43.65	9.31	8.33	4.32	0.86	4.22	1.42	
17	2.05	4.97	12.37	6.49	3.93	25.56	8.01	7.14	4.32	0.86	4.11	1.42	
18	2.05	3.85	18.60	3.25	3.70	20.65	6.28	6.49	4.32	0.86	3.85	0.20	
19	2.00	3.85	8.66	2.25	11.75	22.57	6.06	6.28	4.32	0.86	3.70	0.20	
20	2.00	3.85	9.74	1.90	45.23	42.32	5.73	5.95	4.32	0.90	3.85	0.20	
21	1.95	6.38	6.60	9.53	46.58	60.25	5.08	5.95	3.85	1.05	3.62	0.14	
22	1.95	4.87	4.87	5.52	17.46	100.45	4.76	5.73	3.48	1.16	3.62	0.16	
23	1.95	8.55	3.93	51.76	25.19	65.85	4.54	5.73	3.70	1.16	3.62	0.45	
24	1.95	8.55	29.13	39.99	8.44	39.78	3.93	5.52	3.48	1.16	3.62	0.55	
25	6.06	6.06	34.25	12.88	5.95	48.67	4.54	5.52	3.48	1.24	3.62	0.00	
26	3.70	4.54	24.25	19.25	4.11	32.05	3.03	5.52	3.48	1.31	3.62	0.07	
27	3.48	3.78	7.25	24.81	3.93	27.06	4.43	5.52	3.62	1.31	3.93	0.05	
28	3.40	3.03	4.11	11.62	2.88	34.05	3.62	5.52	3.55	1.28	3.78	0.00	
29	3.33	13.30	3.48	8.44	3.93	70.53	3.70	5.41	2.80	1.28		0.00	
30	3.25	10.62	3.62	4.97	1.70	144.10	4.22	5.41	2.10	1.24		0.00	
31		23.69		4.43	8.22		3.93		1.31	1.24		0.06	
Total	70.67	175.02	252.86	350.77	262.17	1740.40	367.95	217.59	129.01	36.55	99.69	31.31	3733.99 CMSDAY
Mean	2.36	5.65	8.43	11.32	8.46	58.01	11.87	7.25	4.16	1.18	3.56	1.01	10.23 CMS
Max	6.06	23.69	34.25	51.76	46.58	164.50	65.58	13.30	5.41	2.15	4.22	2.00	164.50 CMS
Min	1.95	3.03	1.70	0.24	1.35	7.57	3.03	4.97	1.31	0.86	2.00	0.00	0.00 CMS
Runoff	6.11	15.12	21.85	30.31	22.65	150.37	31.79	18.80	11.15	3.16	8.61	2.71	322.62 MCM
Momentary Peak		168.10	CMS.	at 144.49 m. (MSL.)	at 09.00 Hours ,	on Sep 13 , 2005							
Runoff Yield		9.87	Liters/Second/Square KM.		Momentary Peak Yield	162.102	Liters/Second/Square KM.						



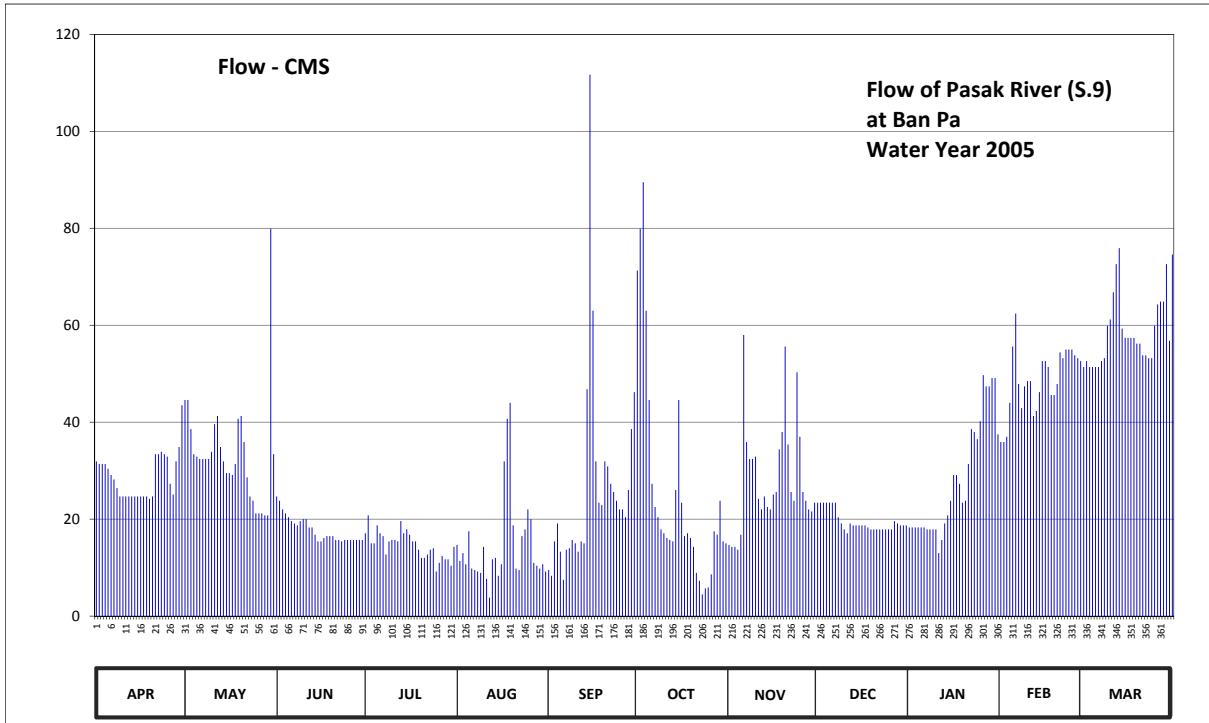
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.40	2.82	23.05	5.06	7.30	7.65	113.94	6.11	5.90	3.45	0.75	0.85		
2	2.40	2.82	6.25	5.06	7.09	18.81	117.34	6.04	5.76	3.45	1.56	1.00		
3	2.40	2.82	5.34	4.99	6.88	19.75	116.32	5.90	5.55	3.52	1.70	1.00		
4	2.40	2.82	5.13	4.92	7.86	9.80	68.71	6.46	5.55	3.24	1.70	1.28		
5	2.40	2.82	5.48	4.85	8.60	27.92	46.50	6.60	5.62	3.24	1.70	1.28		
6	2.40	2.82	5.27	4.85	9.95	25.15	31.82	6.88	5.62	3.24	1.77	1.49		
7	2.47	2.82	5.20	5.20	16.37	30.07	22.84	20.12	5.55	3.24	1.91	1.49		
8	2.47	2.82	5.20	16.00	9.35	46.75	19.75	23.26	5.55	3.24	1.91	1.49		
9	2.47	2.82	5.06	14.50	7.58	66.71	19.75	21.62	5.48	3.17	1.98	1.70		
10	2.47	2.82	5.83	9.05	6.67	90.59	13.62	22.00	5.48	2.96	2.05	1.70		
11	2.54	2.75	5.34	4.99	6.18	109.18	12.05	22.42	5.41	2.96	2.19	1.56		
12	2.54	2.75	5.06	4.99	5.97	121.76	10.25	14.15	5.41	2.96	2.19	1.49		
13	2.54	2.75	4.92	5.20	7.09	134.40	9.50	11.18	5.41	2.75	2.33	1.35		
14	2.54	2.75	4.85	27.92	15.81	143.88	9.20	7.86	5.34	2.12	2.40	1.35		
15	2.54	2.75	5.90	43.08	17.12	150.63	8.60	8.60	5.34	2.05	2.40	1.28		
16	2.54	2.75	5.20	28.35	12.22	159.25	8.45	13.28	5.34	2.05	2.40	0.95		
17	2.54	2.75	7.58	7.86	8.75	160.37	7.58	12.05	5.27	2.05	2.54	0.60		
18	2.54	2.75	10.40	6.81	9.80	155.88	7.02	7.79	5.20	1.84	2.54	0.15		
19	2.54	2.75	15.25	5.41	20.12	141.31	6.95	7.72	5.06	2.05	2.54	0.00		
20	2.54	2.75	7.86	5.06	40.78	122.10	6.88	6.95	5.06	2.68	2.54	0.00		
21	2.54	2.82	7.09	4.99	65.85	113.94	6.88	6.60	4.99	2.54	2.61	0.00		
22	2.54	2.82	6.53	7.09	76.50	113.60	6.88	6.60	5.06	2.54	2.68	0.05		
23	2.54	2.89	6.11	8.90	67.85	118.36	6.74	6.60	4.92	2.40	2.68	0.20		
24	2.54	2.96	9.05	40.55	62.80	123.82	6.18	6.39	4.92	2.33	1.56	0.20		
25	2.54	2.96	39.63	52.64	33.80	129.00	6.18	6.39	4.92	1.49	1.07	0.30		
26	2.54	2.96	34.90	31.38	16.37	128.65	6.18	6.32	4.92	0.80	0.95	0.30		
27	2.54	2.96	18.81	41.93	7.86	120.06	5.69	6.25	4.92	0.80	0.85	0.40		
28	2.54	2.96	6.74	45.75	7.02	115.98	5.69	6.04	4.64	0.75	0.75	0.50		
29	2.54	2.96	5.62	29.86	6.60	113.26	5.90	6.18	3.59	0.75		0.50		
30	2.54	2.96	5.20	18.06	6.11	105.44	5.90	5.90	3.24	0.70		0.60		
31		7.51		7.79	5.76		5.83		3.10	0.70		0.80		
Total	75.08	92.46	283.85	503.09	588.01	2924.07	725.12	300.26	158.12	72.06	54.25	25.86	5802.23	CMSDAY
Mean	2.50	2.98	9.46	16.23	18.97	97.47	23.39	10.01	5.10	2.32	1.94	0.83	15.90	CMS
Max	2.54	7.51	39.63	52.64	76.50	160.37	117.34	23.26	5.90	3.52	2.68	1.70	160.37	CMS
Min	2.40	2.75	4.85	4.85	5.76	7.65	5.69	5.90	3.10	0.70	0.75	0.00	0.00	CMS
Runoff	6.49	7.99	24.53	43.47	50.80	252.64	62.65	25.94	13.66	6.23	4.69	2.23	501.31	MCM
Momentary Peak	161.50 CMS. at 115.48 m. (MSL.) at 06.00 Hours , on Sep 16 , 2005													
Runoff Yield	4.60 Liters/Second/Square KM.			Momentary Peak Yield				46,690 Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.60	1.30	1.10	0.70	0.70	3.50	1.80	2.50	1.80	1.30	0.90	
2	0.40	0.90	1.10	1.10	0.70	1.10	2.60	1.80	2.40	1.80	1.30	0.90	
3	0.40	0.90	1.60	1.00	0.70	1.30	4.50	1.70	2.40	1.80	1.30	0.90	
4	0.40	0.70	1.20	0.90	0.70	2.10	6.20	1.70	2.30	1.70	1.30	0.90	
5	0.50	0.60	1.00	1.00	0.60	2.10	8.00	3.50	2.30	1.50	1.20	0.90	
6	0.50	0.60	1.00	1.00	0.70	1.90	6.00	15.20	2.30	1.50	1.40	0.80	
7	0.50	1.60	0.90	0.90	0.70	1.70	4.20	6.40	2.20	1.40	1.30	0.80	
8	0.50	0.90	1.00	0.90	0.70	1.70	3.20	8.70	2.20	1.40	1.60	1.00	
9	0.40	0.80	0.80	0.90	0.70	1.80	3.20	12.10	2.20	1.40	1.90	1.10	
10	0.40	0.90	0.90	1.10	0.70	1.50	3.00	7.80	2.20	1.30	1.80	1.20	
11	0.30	0.80	0.80	0.90	0.70	1.40	2.70	5.80	2.20	1.30	1.60	1.10	
12	0.50	0.60	0.80	0.90	0.70	1.40	2.40	8.50	2.20	1.40	1.40	1.10	
13	0.50	0.70	0.80	0.80	0.80	1.80	2.50	7.80	2.30	1.50	1.70	1.00	
14	0.40	0.70	0.80	0.90	0.80	49.50	18.20	6.00	2.20	1.50	1.50	0.90	
15	0.80	0.70	0.90	1.10	0.80	24.50	4.70	6.80	2.10	1.40	1.30	0.80	
16	0.80	0.90	0.90	1.60	0.80	8.20	3.80	4.90	2.10	1.40	1.30	1.00	
17	0.60	1.20	1.30	1.10	0.80	7.50	3.70	14.00	2.10	1.40	1.30	0.90	
18	0.60	1.00	1.10	1.00	0.80	7.30	3.20	6.60	2.10	1.40	1.90	0.90	
19	0.60	1.00	1.00	0.90	0.80	7.30	2.50	5.10	2.00	1.30	2.00	0.80	
20	0.80	1.10	0.90	0.80	0.80	10.80	2.30	4.40	2.00	1.30	1.20	0.90	
21	1.40	1.20	0.90	0.70	0.90	8.00	2.30	4.20	2.00	1.30	1.10	0.90	
22	0.90	1.60	0.80	0.80	1.00	7.50	2.20	4.00	1.90	1.40	1.10	0.80	
23	0.70	1.00	0.80	1.00	0.90	7.50	2.20	3.30	1.90	1.40	1.00	0.80	
24	0.60	0.90	0.80	0.90	0.80	7.50	2.10	2.90	1.90	1.30	1.00	0.80	
25	0.50	0.80	1.10	0.90	0.80	7.50	2.10	2.80	1.90	1.30	1.00	0.80	
26	0.50	0.70	1.40	0.90	0.80	2.80	2.20	2.80	1.90	1.30	0.90	0.70	
27	0.60	0.70	1.50	0.90	0.80	2.30	2.10	2.70	2.00	1.30	0.90	0.80	
28	0.60	0.70	1.20	0.80	0.80	2.20	2.10	2.60	1.90	1.30	1.00	1.10	
29	0.70	0.70	1.20	1.00	0.80	2.20	2.00	2.50	1.90	1.30		2.00	
30	0.70	3.80	1.20	0.90	0.80	2.20	2.00	2.50	1.80	1.30		1.90	
31		1.50		0.90	0.80		1.80		1.80	1.20		2.70	
Total	17.50	30.80	31.00	29.60	23.90	185.30	113.50	160.90	65.20	43.90	37.60	32.10	771.30 CMSDAY
Mean	0.60	1.00	1.00	1.00	0.80	6.20	3.70	5.40	2.10	1.40	1.30	1.00	2.10 CMS
Max	1.40	3.80	1.60	1.60	1.00	49.50	18.20	15.20	2.50	1.80	2.00	2.70	49.50 CMS
Min	0.30	0.60	0.80	0.70	0.60	0.70	1.80	1.70	1.80	1.20	0.90	0.70	0.30 CMS
Runoff	1.51	2.66	2.68	2.56	2.06	16.01	9.81	13.90	5.63	3.79	3.25	2.77	66.64 MCM
Momentary Peak	126.16 CMS. at 3.42 m. (A.D.) at 17.00 Hours , on Sep 14 , 2005												
Runoff Yield	3.64 Liters/Second/Square KM. Momentary Peak Yield 217.517 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	31.90	44.60	24.70	17.10	14.70	9.50	71.30	14.70	23.40	18.30	35.90	51.40		
2	31.40	44.60	23.80	20.80	11.40	8.30	79.90	14.30	23.40	18.30	35.90	52.60		
3	31.40	38.60	22.00	15.00	13.00	15.40	89.50	14.30	23.40	18.30	37.00	51.40		
4	31.40	33.40	21.20	15.00	10.70	19.10	63.00	13.70	23.40	18.30	44.00	51.40		
5	30.40	32.90	20.40	18.70	17.50	13.30	44.60	16.80	23.40	18.30	55.60	51.40		
6	29.10	32.40	19.60	17.10	9.80	7.50	27.30	58.00	23.40	18.30	62.40	51.40		
7	28.20	32.40	19.10	16.50	9.50	13.70	22.50	35.90	23.40	17.90	47.90	52.60		
8	26.40	32.40	18.70	12.70	9.20	14.00	20.40	32.40	20.40	17.90	42.90	53.20		
9	24.70	32.40	19.60	15.40	8.90	15.70	17.90	32.40	19.10	17.90	47.40	59.90		
10	24.70	33.90	20.00	15.70	14.30	15.00	17.10	32.90	17.90	17.90	48.50	61.20		
11	24.70	39.60	20.00	15.70	7.70	13.30	16.10	24.20	17.10	13.00	48.50	66.80		
12	24.70	41.30	18.30	15.40	3.80	15.40	15.70	22.00	19.10	15.70	41.30	72.60		
13	24.70	34.90	18.30	19.60	11.70	15.00	15.40	24.70	18.70	19.10	42.30	75.90		
14	24.70	31.90	16.80	17.10	12.00	46.80	26.00	22.50	18.70	20.80	46.20	59.30		
15	24.70	29.50	15.40	17.90	8.30	111.70	44.60	22.00	18.70	23.80	52.60	57.40		
16	24.70	29.50	15.40	16.80	10.70	63.00	23.40	25.10	18.70	29.10	52.60	57.40		
17	24.70	29.10	16.10	15.40	31.90	31.90	16.50	25.60	18.70	29.10	51.40	57.40		
18	24.70	31.40	16.50	15.40	40.70	23.40	17.10	34.40	18.30	27.30	45.60	57.40		
19	24.20	40.70	16.50	13.70	44.00	22.90	16.10	38.00	17.90	23.40	45.60	56.20		
20	24.70	41.30	16.50	12.00	18.70	31.90	14.30	55.60	17.90	23.80	47.90	56.20		
21	33.40	35.90	15.70	12.00	9.80	30.90	8.90	35.40	17.90	31.40	54.40	53.80		
22	33.40	28.60	15.70	12.70	9.50	27.30	7.30	25.60	17.90	38.60	53.20	53.80		
23	33.90	24.70	15.40	13.70	16.50	25.60	4.50	23.80	17.90	38.00	55.00	53.20		
24	33.40	23.80	15.70	14.00	17.90	23.80	5.70	50.30	17.90	36.50	55.00	53.20		
25	32.90	21.20	15.70	9.20	22.00	22.00	5.90	37.00	17.90	40.20	55.00	59.90		
26	27.30	21.20	15.70	11.00	20.00	22.00	8.60	25.60	17.90	49.70	53.80	64.30		
27	25.10	21.20	15.70	12.40	11.00	20.40	17.50	23.80	19.60	47.40	53.20	64.90		
28	31.90	20.80	15.70	11.70	10.40	26.00	16.80	22.00	19.10	47.40	52.60	64.90		
29	34.90	20.80	15.70	11.70	9.80	38.60	23.80	21.60	18.70	49.10	51.40	72.60		
30	43.50	79.90	15.70	10.40	10.70	46.20	15.40	23.40	18.70	49.10	51.40	56.80		
31		33.40		14.30	9.20		15.00		18.70	37.50		74.60		
Total	865.80	1038.30	535.60	456.10	455.30	789.60	788.10	848.00	607.20	871.40	1363.70	1825.10	10444.20	CMSDAY
Mean	28.90	33.50	17.90	14.70	14.70	26.30	25.40	28.30	19.60	28.10	48.70	58.90	28.60	CMS
Max	43.50	79.90	24.70	20.80	44.00	111.70	89.50	58.00	23.40	49.70	62.40	75.90	111.70	CMS
Min	24.20	20.80	15.40	9.20	3.80	7.50	4.50	13.70	17.10	13.00	35.90	51.40	3.80	CMS
Runoff	74.81	89.71	46.28	39.41	39.34	68.22	68.09	73.27	52.46	75.29	117.82	157.69	902.38	MCM
Momentary Peak		112.43	CMS. at 10.30 m. (MSL.)											at 12.00 Hours , on Sep 15, 2005
Runoff Yield		2.01	Liters/Second/Square KM.											Momentary Peak Yield 7,899 Liters/Second/Square KM.

WATER YEAR : 2005

PASAK RIVER BASIN

Lam Kong at Ban Tha Lao, Phetchabun (S.12)

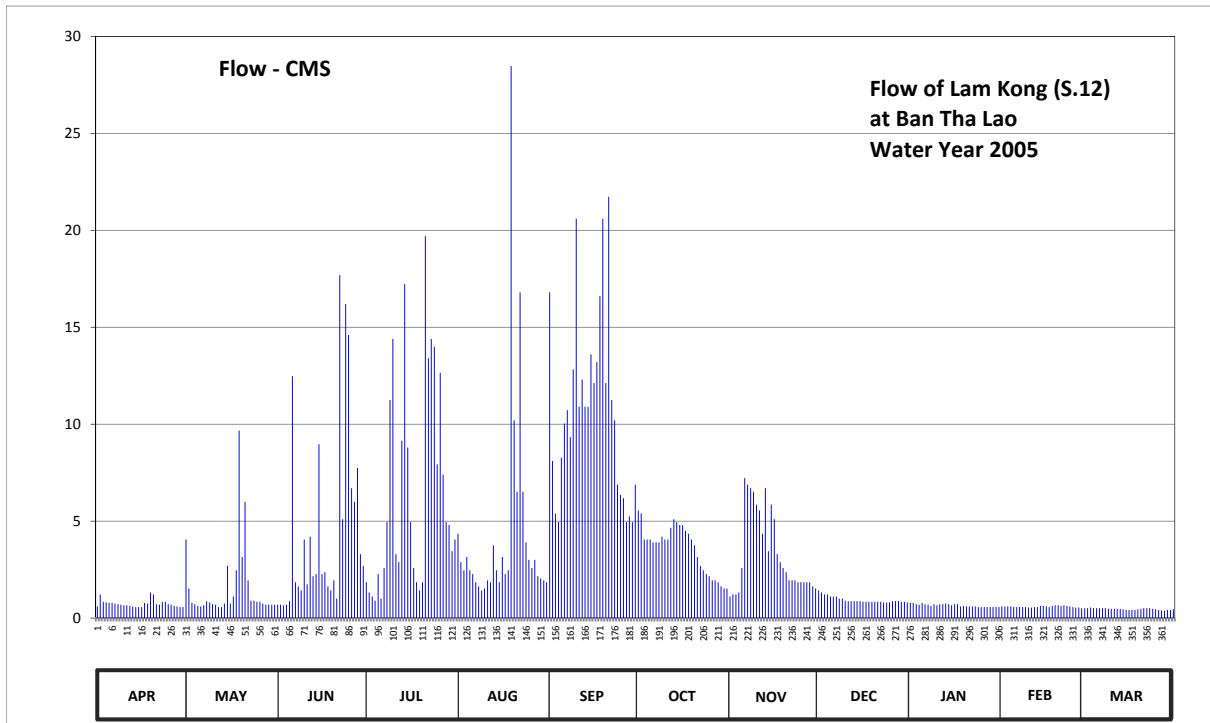
Lat 15 - 59 - 50 N Long 101 - 14 - 31 E

Location : on left bank at Ban Tha Lao.

	Ban Tha Lao	Amphoe Nong Phai	Changwat Phetchabun
Drainage Area	477 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+108.590 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank along the gage line.		Elevation +113.514 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1978 to date		
Rating Operation			
Period of Rating	1978 to date		
Rated by Flot	-		
Rated by Current Meter	1978 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 52 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.10	109.47	109.13	109.29	109.49	110.19	109.57	109.22	109.25	109.16	109.10	109.07	
2	109.23	109.26	109.13	109.24	109.39	109.72	109.56	109.23	109.24	109.16	109.10	109.07	
3	109.18	109.16	109.12	109.22	109.35	109.56	109.47	109.23	109.23	109.14	109.10	109.08	
4	109.17	109.14	109.13	109.20	109.41	109.53	109.47	109.24	109.23	109.13	109.10	109.07	
5	109.16	109.11	109.19	109.33	109.35	109.73	109.47	109.36	109.22	109.16	109.09	109.07	
6	109.16	109.10	109.97	109.21	109.33	109.83	109.46	109.67	109.22	109.14	109.09	109.07	
7	109.15	109.12	109.29	109.36	109.29	109.87	109.46	109.65	109.22	109.13	109.09	109.07	
8	109.14	109.19	109.27	109.53	109.27	109.79	109.46	109.64	109.21	109.11	109.09	109.07	
9	109.13	109.17	109.25	109.90	109.25	109.99	109.48	109.63	109.21	109.14	109.09	109.06	
10	109.12	109.14	109.47	110.07	109.26	110.36	109.47	109.59	109.20	109.12	109.08	109.06	
11	109.12	109.13	109.28	109.42	109.30	109.88	109.47	109.57	109.19	109.14	109.08	109.06	
12	109.11	109.09	109.48	109.39	109.29	109.96	109.51	109.49	109.19	109.14	109.09	109.06	
13	109.10	109.09	109.32	109.78	109.45	109.88	109.54	109.64	109.19	109.15	109.09	109.06	
14	109.09	109.15	109.33	110.21	109.35	109.88	109.53	109.43	109.19	109.14	109.11	109.05	
15	109.09	109.37	109.77	109.76	109.29	110.03	109.52	109.59	109.19	109.12	109.11	109.04	
16	109.09	109.15	109.33	109.53	109.41	109.95	109.52	109.54	109.18	109.14	109.10	109.04	
17	109.16	109.22	109.34	109.36	109.33	110.01	109.50	109.42	109.18	109.14	109.09	109.04	
18	109.15	109.35	109.27	109.29	109.35	110.18	109.49	109.39	109.18	109.10	109.11	109.04	
19	109.24	109.81	109.25	109.25	110.71	110.36	109.47	109.36	109.18	109.11	109.12	109.05	
20	109.23	109.41	109.30	109.29	109.84	109.95	109.45	109.34	109.18	109.10	109.12	109.06	
21	109.14	109.60	109.21	110.32	109.63	110.41	109.41	109.30	109.18	109.10	109.11	109.07	
22	109.13	109.30	110.23	110.02	110.19	109.90	109.37	109.30	109.18	109.10	109.12	109.07	
23	109.18	109.20	109.54	110.07	109.63	109.84	109.35	109.30	109.17	109.10	109.11	109.07	
24	109.18	109.20	110.16	110.05	109.46	109.65	109.33	109.29	109.17	109.09	109.10	109.06	
25	109.14	109.18	110.08	109.71	109.40	109.62	109.32	109.29	109.17	109.09	109.09	109.05	
26	109.13	109.18	109.64	109.98	109.36	109.61	109.30	109.29	109.19	109.09	109.08	109.04	
27	109.11	109.15	109.60	109.68	109.40	109.53	109.30	109.29	109.19	109.09	109.08	109.03	
28	109.10	109.13	109.70	109.53	109.32	109.55	109.29	109.29	109.19	109.09	109.07	109.03	
29	109.09	109.13	109.42	109.52	109.31	109.53	109.27	109.27	109.18	109.09		109.04	
30	109.09	109.13	109.37	109.43	109.30	109.65	109.26	109.26	109.18	109.09		109.04	
31		109.13		109.47	109.29		109.26		109.17	109.09		109.05	
Mean	109.14	109.22	109.45	109.59	109.45	109.86	109.43	109.40	109.20	109.12	109.10	109.06	
Max	109.24	109.81	110.23	110.32	110.71	110.41	109.57	109.67	109.25	109.16	109.12	109.08	110.71
Min	109.09	109.09	109.12	109.20	109.25	109.53	109.26	109.22	109.17	109.09	109.07	109.03	109.03
Annual Max Momentary Gage Height	112.43		m. (MSL.) ,				at 05.00 Hours ,						
Zero Gage at Bottom Elevation	108.59		m. (MSL.) ,			River Bed	107.61	m. (MSL.)					
Left Bank Elevation	112.92		m. (MSL.) ,										
Right Bank Elevation	112.53		m. (MSL.) ,			Drainage Are	477	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	4.05	0.69	1.85	4.35	16.80	5.55	1.11	1.43	0.78	0.60	0.51	
2	1.22	1.53	0.69	1.32	2.89	8.10	5.40	1.22	1.32	0.78	0.60	0.51	
3	0.84	0.78	0.66	1.11	2.47	5.40	4.05	1.22	1.22	0.72	0.60	0.54	
4	0.81	0.72	0.69	0.90	3.15	4.95	4.05	1.32	1.22	0.69	0.60	0.51	
5	0.78	0.63	0.87	2.27	2.47	8.28	4.05	2.58	1.11	0.78	0.57	0.51	
6	0.78	0.60	12.48	1.01	2.27	10.03	3.90	7.22	1.11	0.72	0.57	0.51	
7	0.75	0.66	1.85	2.58	1.85	10.73	3.90	6.88	1.11	0.69	0.57	0.51	
8	0.72	0.87	1.63	4.95	1.63	9.33	3.90	6.70	1.01	0.63	0.57	0.51	
9	0.69	0.81	1.43	11.25	1.43	12.82	4.20	6.52	1.01	0.72	0.57	0.48	
10	0.66	0.72	4.05	14.40	1.53	20.60	4.05	5.85	0.90	0.66	0.54	0.48	
11	0.66	0.69	1.74	3.30	1.95	10.90	4.05	5.55	0.87	0.72	0.54	0.48	
12	0.63	0.57	4.20	2.89	1.85	12.30	4.65	4.35	0.87	0.72	0.57	0.48	
13	0.60	0.57	2.16	9.15	3.75	10.90	5.10	6.70	0.87	0.75	0.57	0.48	
14	0.57	0.75	2.27	17.23	2.47	10.90	4.95	3.45	0.87	0.72	0.63	0.45	
15	0.57	2.69	8.97	8.80	1.85	13.60	4.80	5.85	0.87	0.66	0.63	0.42	
16	0.57	0.75	2.27	4.95	3.15	12.12	4.80	5.10	0.84	0.72	0.60	0.42	
17	0.78	1.11	2.37	2.58	2.27	13.20	4.50	3.30	0.84	0.72	0.57	0.42	
18	0.75	2.47	1.63	1.85	2.47	16.60	4.35	2.89	0.84	0.60	0.63	0.42	
19	1.32	9.67	1.43	1.43	28.48	20.60	4.05	2.58	0.84	0.63	0.66	0.45	
20	1.22	3.15	1.95	1.85	10.20	12.12	3.75	2.37	0.84	0.60	0.66	0.48	
21	0.72	6.00	1.01	19.70	6.52	21.73	3.15	1.95	0.84	0.60	0.63	0.51	
22	0.69	1.95	17.68	13.40	16.80	11.25	2.69	1.95	0.84	0.60	0.66	0.51	
23	0.84	0.90	5.10	14.40	6.52	10.20	2.47	1.95	0.81	0.60	0.63	0.51	
24	0.84	0.90	16.20	14.00	3.90	6.88	2.27	1.85	0.81	0.57	0.60	0.48	
25	0.72	0.84	14.60	7.93	3.00	6.35	2.16	1.85	0.81	0.57	0.57	0.45	
26	0.69	0.84	6.70	12.65	2.58	6.18	1.95	1.85	0.87	0.57	0.54	0.42	
27	0.63	0.75	6.00	7.40	3.00	4.95	1.95	1.85	0.87	0.57	0.54	0.39	
28	0.60	0.69	7.75	4.95	2.16	5.25	1.85	1.85	0.87	0.57	0.51	0.39	
29	0.57	0.69	3.30	4.80	2.05	4.95	1.63	1.63	0.84	0.57		0.42	
30	0.57	0.69	2.69	3.45	1.95	6.88	1.53	1.53	0.84	0.57		0.42	
31		0.69		4.05	1.85		1.53		0.81	0.57		0.45	
Total	22.39	48.73	135.06	202.40	132.81	324.90	111.23	101.02	29.20	20.37	16.53	14.52	1159.16 CMSDAY
Mean	0.75	1.57	4.50	6.53	4.28	10.83	3.59	3.37	0.94	0.66	0.59	0.47	3.18 CMS
Max	1.32	9.67	17.68	19.70	28.48	21.73	5.55	7.22	1.43	0.78	0.66	0.54	28.48 CMS
Min	0.57	0.57	0.66	0.90	1.43	4.95	1.53	1.11	0.81	0.57	0.51	0.39	0.39 CMS
Runoff	1.93	4.21	11.67	17.49	11.48	28.07	9.61	8.73	2.52	1.76	1.43	1.26	100.15 MCM
Momentary Peak	71.83 CMS. at 112.43 m. (MSL.) at 05.00 Hours , on Aug 19 , 2015												
Runoff Yield	6.66 Liters/Second/Square KM.			Momentary Peak Yield			150.587 Liters/Second/Square KM.						

WATER YEAR : 2005

PASAK RIVER BASIN

Lam Sonthi at Ban Tha Ruak , Lop Buri (S.14)

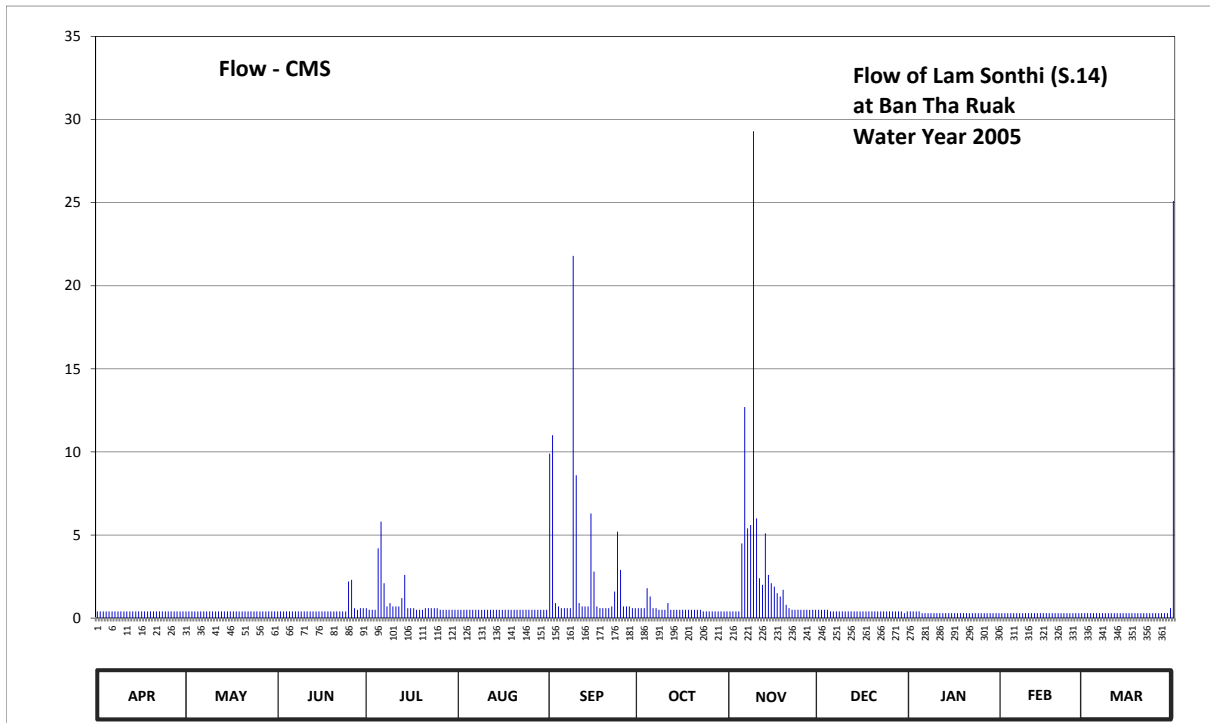
Lat 15 - 13 - 24 N Long 101 - 16 - 52 E

Location : on right bank at the bridge.

	Ban	Tha Ruak	Amphoe	Chai Badan	Changwat	Lop Buri
Drainage Area	1,263	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+52.580 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+63.824 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	2005 to date					
Rating Operation						
Period of Rating	2005 to date					
Rated by Flot	-					
Rated by Current Meter	2005 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 9 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	54.16	54.15	54.18	54.28	54.22	55.76	54.34	54.17	54.20	54.12	54.04	54.06	
2	54.16	54.15	54.18	54.26	54.22	55.86	54.33	54.16	54.20	54.12	54.04	54.06	
3	54.16	54.15	54.18	54.26	54.23	54.45	54.32	54.16	54.20	54.12	54.04	54.06	
4	54.16	54.15	54.18	54.25	54.25	54.36	54.66	54.19	54.20	54.11	54.04	54.06	
5	54.16	54.15	54.18	55.13	54.25	54.31	54.53	55.17	54.19	54.10	54.03	54.06	
6	54.16	54.15	54.18	55.34	54.26	54.32	54.32	56.01	54.19	54.10	54.03	54.06	
7	54.16	54.15	54.18	54.72	54.26	54.34	54.28	55.29	54.18	54.10	54.03	54.06	
8	54.16	54.15	54.18	54.38	54.25	54.34	54.24	55.31	54.17	54.09	54.03	54.06	
9	54.15	54.15	54.18	54.45	54.24	56.66	54.22	57.10	54.17	54.08	54.03	54.06	
10	54.15	54.15	54.18	54.38	54.24	55.64	54.23	55.36	54.17	54.08	54.03	54.06	
11	54.15	54.15	54.18	54.38	54.23	54.44	54.44	54.80	54.17	54.08	54.03	54.06	
12	54.15	54.15	54.18	54.37	54.23	54.41	54.27	54.71	54.17	54.08	54.03	54.06	
13	54.15	54.15	54.18	54.51	54.23	54.39	54.24	55.24	54.17	54.08	54.04	54.06	
14	54.15	54.15	54.18	54.84	54.23	54.38	54.23	54.83	54.17	54.08	54.04	54.06	
15	54.15	54.15	54.18	54.34	54.22	55.39	54.23	54.72	54.16	54.07	54.05	54.06	
16	54.15	54.14	54.18	54.31	54.22	54.89	54.24	54.68	54.16	54.07	54.06	54.06	
17	54.15	54.14	54.18	54.28	54.22	54.36	54.23	54.59	54.16	54.07	54.07	54.06	
18	54.15	54.15	54.18	54.26	54.22	54.33	54.23	54.53	54.15	54.07	54.07	54.06	
19	54.15	54.15	54.18	54.24	54.22	54.32	54.22	54.63	54.15	54.07	54.07	54.06	
20	54.15	54.17	54.18	54.24	54.22	54.32	54.21	54.43	54.15	54.06	54.07	54.05	
21	54.15	54.18	54.18	54.28	54.22	54.33	54.21	54.31	54.14	54.06	54.07	54.06	
22	54.15	54.18	54.18	54.29	54.22	54.40	54.20	54.23	54.14	54.06	54.07	54.09	
23	54.15	54.18	54.18	54.29	54.22	54.60	54.19	54.21	54.13	54.06	54.07	54.08	
24	54.15	54.18	54.18	54.28	54.22	55.26	54.18	54.21	54.13	54.06	54.08	54.08	
25	54.15	54.18	54.75	54.28	54.22	54.90	54.17	54.21	54.12	54.05	54.08	54.08	
26	54.15	54.18	54.77	54.27	54.22	54.37	54.16	54.20	54.12	54.05	54.08	54.08	
27	54.15	54.18	54.28	54.26	54.22	54.36	54.18	54.20	54.12	54.05	54.07	54.07	
28	54.15	54.18	54.27	54.24	54.21	54.36	54.18	54.20	54.11	54.05	54.07	54.07	
29	54.15	54.18	54.28	54.23	54.21	54.35	54.18	54.20	54.11	54.05		54.07	
30	54.15	54.18	54.28	54.22	54.20	54.34	54.18	54.20	54.10	54.05		54.30	
31		54.18		54.22	54.20		54.18		54.12	54.05		56.86	
Mean	54.15	54.16	54.23	54.39	54.23	54.68	54.26	54.67	54.16	54.08	54.05	54.16	
Max	54.16	54.18	54.77	55.34	54.26	56.66	54.66	57.10	54.20	54.12	54.08	56.86	57.10
Min	54.15	54.14	54.18	54.22	54.20	54.31	54.16	54.16	54.10	54.05	54.03	54.05	54.03
Annual Max Momentary Gage Height	58.42		m. (MSL.) ,										
Zero Gage at Bottom Elevation	52.58		m. (MSL.) ,			River Bed	52.90	m. (MSL.)					
Left Bank Elevation		63.82	m. (MSL.) ,										
Right Bank Elevation		63.83	m. (MSL.) ,			Drainage Are	1,263	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.40	0.40	0.60	0.50	9.90	0.60	0.40	0.50	0.40	0.30	0.30	
2	0.40	0.40	0.40	0.50	0.50	11.00	0.60	0.40	0.50	0.40	0.30	0.30	
3	0.40	0.40	0.40	0.50	0.50	0.90	0.60	0.40	0.50	0.40	0.30	0.30	
4	0.40	0.40	0.40	0.50	0.50	0.70	1.80	0.40	0.50	0.40	0.30	0.30	
5	0.40	0.40	0.40	4.20	0.50	0.60	1.30	4.50	0.40	0.30	0.30	0.30	
6	0.40	0.40	0.40	5.80	0.50	0.60	0.60	12.70	0.40	0.30	0.30	0.30	
7	0.40	0.40	0.40	2.10	0.50	0.60	0.60	5.40	0.40	0.30	0.30	0.30	
8	0.40	0.40	0.40	0.70	0.50	0.60	0.50	5.60	0.40	0.30	0.30	0.30	
9	0.40	0.40	0.40	0.90	0.50	21.80	0.50	29.30	0.40	0.30	0.30	0.30	
10	0.40	0.40	0.40	0.70	0.50	8.60	0.50	6.00	0.40	0.30	0.30	0.30	
11	0.40	0.40	0.40	0.70	0.50	0.90	0.90	2.40	0.40	0.30	0.30	0.30	
12	0.40	0.40	0.40	0.70	0.50	0.70	0.50	2.00	0.40	0.30	0.30	0.30	
13	0.40	0.40	0.40	1.20	0.50	0.70	0.50	5.10	0.40	0.30	0.30	0.30	
14	0.40	0.40	0.40	2.60	0.50	0.70	0.50	2.60	0.40	0.30	0.30	0.30	
15	0.40	0.40	0.40	0.60	0.50	6.30	0.50	2.10	0.40	0.30	0.30	0.30	
16	0.40	0.40	0.40	0.60	0.50	2.80	0.50	1.90	0.40	0.30	0.30	0.30	
17	0.40	0.40	0.40	0.60	0.50	0.70	0.50	1.50	0.40	0.30	0.30	0.30	
18	0.40	0.40	0.40	0.50	0.50	0.60	0.50	1.30	0.40	0.30	0.30	0.30	
19	0.40	0.40	0.40	0.50	0.50	0.60	0.50	1.70	0.40	0.30	0.30	0.30	
20	0.40	0.40	0.40	0.50	0.50	0.60	0.50	0.80	0.40	0.30	0.30	0.30	
21	0.40	0.40	0.40	0.60	0.50	0.60	0.50	0.60	0.40	0.30	0.30	0.30	
22	0.40	0.40	0.40	0.60	0.50	0.70	0.50	0.50	0.40	0.30	0.30	0.30	
23	0.40	0.40	0.40	0.60	0.50	1.60	0.40	0.50	0.40	0.30	0.30	0.30	
24	0.40	0.40	0.40	0.60	0.50	5.20	0.40	0.50	0.40	0.30	0.30	0.30	
25	0.40	0.40	2.20	0.60	0.50	2.90	0.40	0.50	0.40	0.30	0.30	0.30	
26	0.40	0.40	2.30	0.50	0.50	0.70	0.40	0.50	0.40	0.30	0.30	0.30	
27	0.40	0.40	0.60	0.50	0.50	0.70	0.40	0.50	0.40	0.30	0.30	0.30	
28	0.40	0.40	0.50	0.50	0.50	0.70	0.40	0.50	0.40	0.30	0.30	0.30	
29	0.40	0.40	0.60	0.50	0.50	0.60	0.40	0.50	0.40	0.30	0.30	0.30	
30	0.40	0.40	0.60	0.50	0.50	0.60	0.40	0.50	0.30	0.30	0.30	0.60	
31		0.40		0.50	0.50		0.40		0.40	0.30		25.10	
Total	12.00	12.40	16.40	31.00	15.50	84.20	17.60	91.60	12.70	9.70	8.40	34.40	345.90 CMSDAY
Mean	0.40	0.40	0.50	1.00	0.50	2.80	0.60	3.10	0.40	0.30	0.30	1.10	0.90 CMS
Max	0.40	0.40	2.30	5.80	0.50	21.80	1.80	29.30	0.50	0.40	0.30	25.10	29.30 CMS
Min	0.40	0.40	0.40	0.50	0.50	0.60	0.40	0.40	0.30	0.30	0.30	0.30	0.30 CMS
Runoff	1.04	1.07	1.42	2.68	1.34	7.27	1.52	7.91	1.10	0.84	0.73	2.97	29.89 MCM
Momentary Peak	58.58	CMS.	at 58.42 m. (MSL.)	at 16.00 Hours	on Sep 9, 2005								
Runoff Yield	0.75	Liters/Second/Square KM.		Momentary Peak Yield	46,382	Liters/Second/Square KM.							

WATER YEAR : 2005

PASAK RIVER BASIN

Nam Chun at Ban Fai Wang Bon, Phetchabun (S.17)

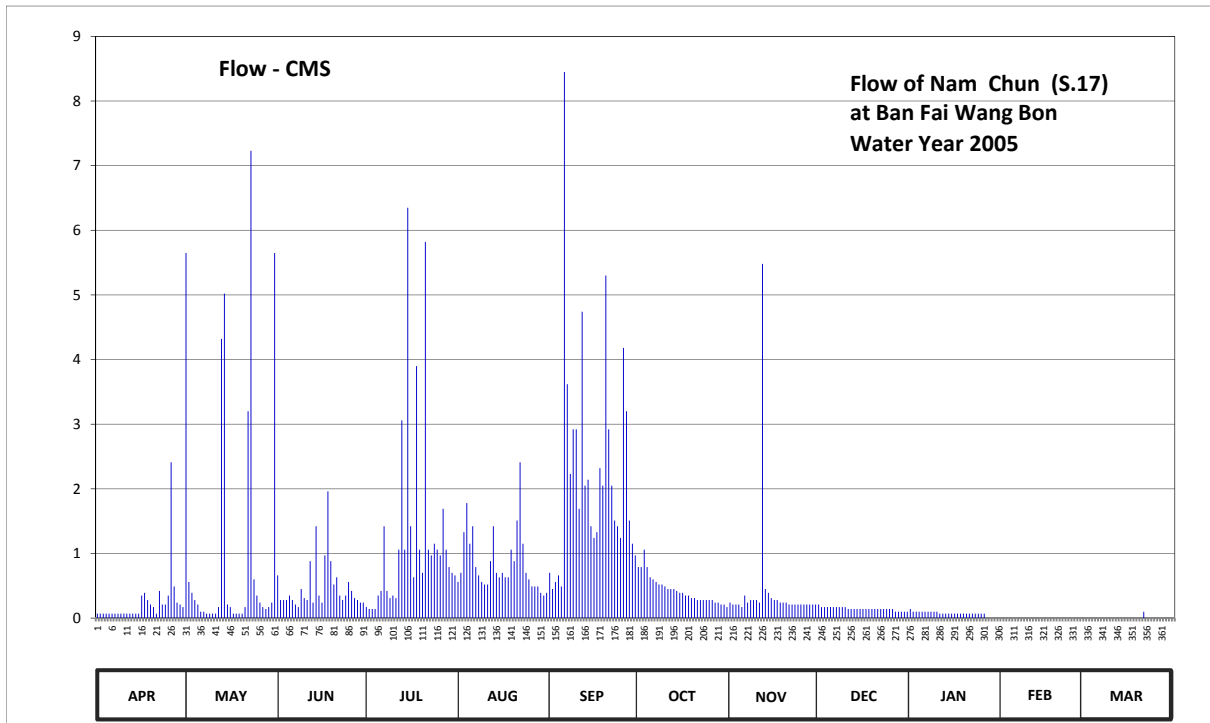
Lat 16 - 45 - 43 N Long 101 - 08 - 44 E

Location : on left bank at Ban Fai Wang Bon.

	Ban Fai Wang Bon	Amphoe Lom Sak	Changwat Phetchabun
Drainage Area	66 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+184.610 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.		Elevation +187.610 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 20 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	184.62	185.22	184.79	184.65	184.76	184.80	184.81	184.67	184.66	184.64	184.60	184.59	
2	184.62	184.76	184.68	184.64	184.80	184.73	184.81	184.66	184.65	184.63	184.60	184.59	
3	184.62	184.71	184.68	184.64	184.87	184.76	184.84	184.66	184.65	184.63	184.60	184.59	
4	184.62	184.68	184.68	184.64	184.92	184.79	184.81	184.66	184.65	184.63	184.60	184.59	
5	184.62	184.66	184.70	184.70	184.85	184.74	184.78	184.65	184.65	184.63	184.60	184.59	
6	184.62	184.63	184.68	184.72	184.88	185.38	184.77	184.70	184.65	184.63	184.60	184.58	
7	184.62	184.63	184.66	184.88	184.81	185.08	184.76	184.67	184.65	184.63	184.60	184.58	
8	184.62	184.62	184.65	184.72	184.79	184.97	184.75	184.68	184.65	184.63	184.60	184.58	
9	184.62	184.62	184.73	184.69	184.76	185.03	184.75	184.68	184.65	184.63	184.60	184.58	
10	184.62	184.62	184.69	184.70	184.75	185.03	184.74	184.68	184.65	184.63	184.60	184.58	
11	184.62	184.62	184.68	184.69	184.75	184.91	184.73	184.67	184.64	184.62	184.59	184.58	
12	184.62	184.65	184.82	184.84	184.82	185.16	184.73	185.21	184.64	184.62	184.59	184.58	
13	184.62	185.13	184.67	185.04	184.88	184.95	184.73	184.73	184.64	184.62	184.59	184.57	
14	184.62	185.18	184.88	184.84	184.80	184.96	184.72	184.71	184.64	184.62	184.59	184.57	
15	184.62	184.66	184.70	185.26	184.78	184.88	184.71	184.69	184.64	184.62	184.58	184.57	
16	184.70	184.65	184.67	184.88	184.80	184.86	184.71	184.68	184.64	184.62	184.58	184.57	
17	184.71	184.62	184.83	184.78	184.78	184.87	184.70	184.68	184.64	184.62	184.58	184.57	
18	184.68	184.62	184.94	185.10	184.78	184.98	184.70	184.67	184.64	184.62	184.58	184.57	
19	184.66	184.62	184.82	184.84	184.84	184.95	184.69	184.67	184.64	184.62	184.58	184.56	
20	184.65	184.62	184.75	184.80	184.82	185.20	184.69	184.67	184.64	184.62	184.57	184.56	
21	184.62	184.65	184.78	185.23	184.89	185.03	184.68	184.66	184.64	184.62	184.57	184.63	
22	184.72	185.05	184.70	184.84	184.99	184.95	184.68	184.66	184.64	184.62	184.57	184.60	
23	184.66	185.31	184.68	184.83	184.85	184.89	184.68	184.66	184.64	184.62	184.57	184.59	
24	184.66	184.77	184.70	184.85	184.80	184.88	184.68	184.66	184.64	184.62	184.57	184.59	
25	184.70	184.70	184.76	184.84	184.77	184.86	184.68	184.66	184.64	184.62	184.56	184.58	
26	184.99	184.67	184.72	184.83	184.74	185.12	184.68	184.66	184.64	184.62	184.56	184.58	
27	184.74	184.65	184.69	184.91	184.74	185.05	184.67	184.66	184.63	184.60	184.56	184.57	
28	184.67	184.64	184.68	184.84	184.74	184.89	184.67	184.66	184.63	184.60	184.56	184.56	
29	184.66	184.65	184.67	184.81	184.71	184.85	184.66	184.66	184.63	184.60	184.56	184.56	
30	184.65	184.67	184.67	184.80	184.70	184.83	184.66	184.66	184.63	184.60	184.56	184.56	
31		185.22		184.79	184.71		184.65		184.63	184.60		184.56	
Mean	184.66	184.76	184.73	184.83	184.80	184.95	184.72	184.69	184.64	184.62	184.58	184.58	
Max	184.99	185.31	184.94	185.26	184.99	185.38	184.84	185.21	184.66	184.64	184.60	184.63	185.38
Min	184.62	184.62	184.65	184.64	184.70	184.73	184.65	184.65	184.63	184.60	184.56	184.56	184.56
Annual Max Momentary Gage Height	186.51		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	184.61		m. (MSL.) ,			River Bed	184.54		m. (MSL.)				
Left Bank Elevation		192.14		m. (MSL.) ,									
Right Bank Elevation		192.04		m. (MSL.) ,		Drainage Are	66		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	5.65	0.66	0.17	0.56	0.70	0.79	0.24	0.21	0.14	0.00	0.00	
2	0.07	0.56	0.28	0.14	0.70	0.45	0.79	0.21	0.17	0.10	0.00	0.00	
3	0.07	0.39	0.28	0.14	1.33	0.56	1.06	0.21	0.17	0.10	0.00	0.00	
4	0.07	0.28	0.28	0.14	1.78	0.66	0.79	0.21	0.17	0.10	0.00	0.00	
5	0.07	0.21	0.35	0.35	1.15	0.49	0.63	0.17	0.17	0.10	0.00	0.00	
6	0.07	0.10	0.28	0.42	1.42	8.45	0.60	0.35	0.17	0.10	0.00	0.00	
7	0.07	0.10	0.21	1.42	0.79	3.62	0.56	0.24	0.17	0.10	0.00	0.00	
8	0.07	0.07	0.17	0.42	0.66	2.23	0.52	0.28	0.17	0.10	0.00	0.00	
9	0.07	0.07	0.45	0.31	0.56	2.92	0.52	0.28	0.17	0.10	0.00	0.00	
10	0.07	0.07	0.31	0.35	0.52	2.92	0.49	0.28	0.17	0.10	0.00	0.00	
11	0.07	0.07	0.28	0.31	0.52	1.69	0.45	0.24	0.14	0.07	0.00	0.00	
12	0.07	0.17	0.88	1.06	0.88	4.74	0.45	5.48	0.14	0.07	0.00	0.00	
13	0.07	4.32	0.24	3.06	1.42	2.05	0.45	0.45	0.14	0.07	0.00	0.00	
14	0.07	5.02	1.42	1.06	0.70	2.14	0.42	0.39	0.14	0.07	0.00	0.00	
15	0.07	0.21	0.35	6.35	0.63	1.42	0.39	0.31	0.14	0.07	0.00	0.00	
16	0.35	0.17	0.24	1.42	0.70	1.24	0.39	0.28	0.14	0.07	0.00	0.00	
17	0.39	0.07	0.97	0.63	0.63	1.33	0.35	0.28	0.14	0.07	0.00	0.00	
18	0.28	0.07	1.96	3.90	0.63	2.32	0.35	0.24	0.14	0.07	0.00	0.00	
19	0.21	0.07	0.88	1.06	1.06	2.05	0.31	0.24	0.14	0.07	0.00	0.00	
20	0.17	0.07	0.52	0.70	0.88	5.30	0.31	0.24	0.14	0.07	0.00	0.00	
21	0.07	0.17	0.63	5.82	1.51	2.92	0.28	0.21	0.14	0.07	0.00	0.10	
22	0.42	3.20	0.35	1.06	2.41	2.05	0.28	0.21	0.14	0.07	0.00	0.00	
23	0.21	7.23	0.28	0.97	1.15	1.51	0.28	0.21	0.14	0.07	0.00	0.00	
24	0.21	0.60	0.35	1.15	0.70	1.42	0.28	0.21	0.14	0.07	0.00	0.00	
25	0.35	0.35	0.56	1.06	0.60	1.24	0.28	0.21	0.14	0.07	0.00	0.00	
26	2.41	0.24	0.42	0.97	0.49	4.18	0.28	0.21	0.14	0.07	0.00	0.00	
27	0.49	0.17	0.31	1.69	0.49	3.20	0.24	0.21	0.10	0.00	0.00	0.00	
28	0.24	0.14	0.28	1.06	0.49	1.51	0.24	0.21	0.10	0.00	0.00	0.00	
29	0.21	0.17	0.24	0.79	0.39	1.15	0.21	0.21	0.10	0.00	0.00	0.00	
30	0.17	0.24	0.24	0.70	0.35	0.97	0.21	0.21	0.10	0.00	0.00	0.00	
31		5.65		0.66	0.39		0.17		0.10	0.00		0.00	
Total	7.23	35.90	14.67	39.34	26.49	67.43	13.37	12.72	4.48	2.16	0.00	0.10	223.89 CMSDAY
Mean	0.24	1.16	0.49	1.27	0.85	2.25	0.43	0.42	0.14	0.07	0.00	0.00	0.61 CMS
Max	2.41	7.23	1.96	6.35	2.41	8.45	1.06	5.48	0.21	0.14	0.00	0.10	8.45 CMS
Min	0.07	0.07	0.17	0.14	0.35	0.45	0.17	0.17	0.10	0.00	0.00	0.00	0.00 CMS
Runoff	0.63	3.10	1.27	3.40	2.29	5.83	1.16	1.10	0.39	0.19	0.00	0.01	19.34 MCM
Momentary Peak	42.57	CMS. at 186.51 m. (MSL.) at 15.00 Hours , on May 1 , 2005											
Runoff Yield	9.29	Liters/Second/Square KM.		Momentary Peak Yield		645.000	Liters/Second/Square KM.						

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Kham Phran, Lop Buri (S.28A)

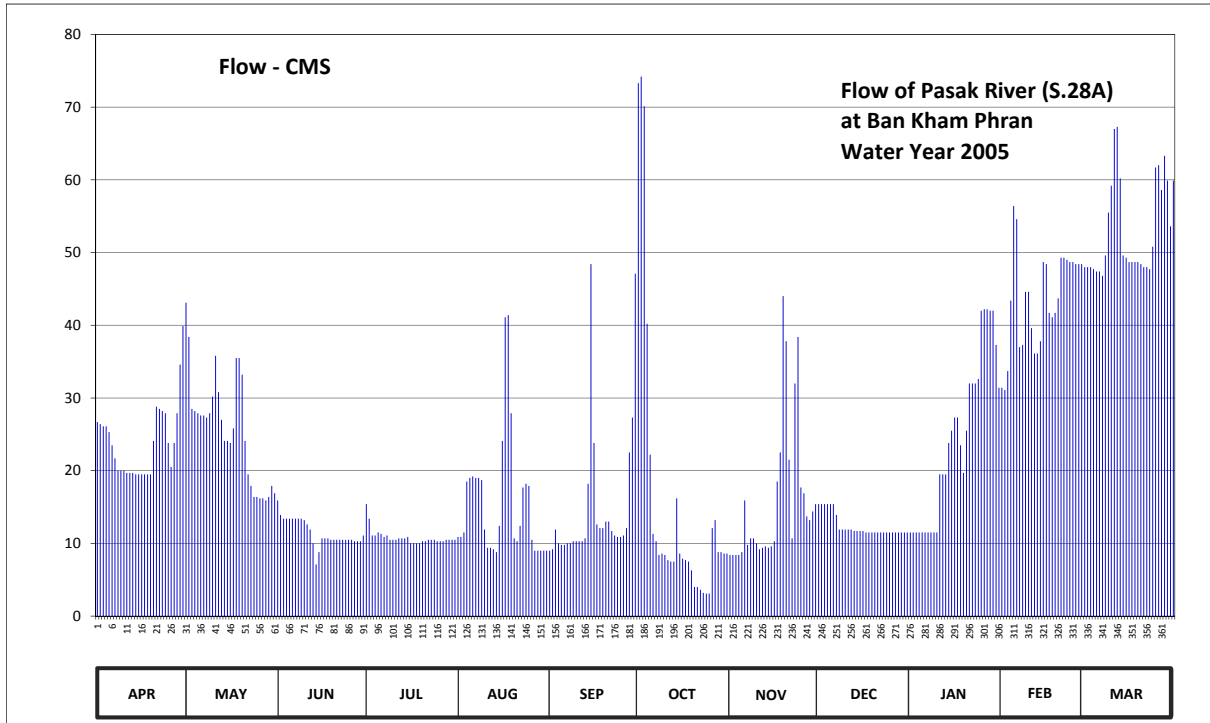
Lat 14 - 50 - 21 N Long 101 - 04 - 08 E

Location : on left bank at Ban Kam Pran.

	Ban	Kham Phran	Amphoe	Wang Muang	Changwat	Lop Buri
Drainage Area	12,843	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+15.500 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank near the automatic gage buiding				Elevation	+31.560 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1986 to date					
Rating Operation						
Period of Rating	1998 to date					
Rated by Flot	-					
Rated by Current Meter	1998 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by Pasak Cholasit Dam. Stage-discharge relation defined by 75 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.01	17.57	16.60	16.58	16.38	16.29	18.54	16.26	16.58	16.41	17.17	17.73	
2	17.00	17.41	16.52	16.50	16.38	16.30	18.57	16.26	16.58	16.41	17.16	17.73	
3	16.99	17.07	16.50	16.39	16.41	16.43	18.44	16.26	16.58	16.41	17.25	17.73	
4	16.99	17.06	16.50	16.39	16.70	16.34	17.47	16.26	16.58	16.41	17.58	17.72	
5	16.96	17.05	16.50	16.41	16.72	16.33	16.85	16.28	16.58	16.41	18.00	17.71	
6	16.90	17.04	16.50	16.40	16.73	16.33	16.40	16.60	16.58	16.41	17.94	17.71	
7	16.83	17.04	16.50	16.38	16.72	16.34	16.35	16.33	16.52	16.41	17.36	17.69	
8	16.76	17.03	16.50	16.39	16.72	16.34	16.26	16.37	16.43	16.41	17.37	17.78	
9	16.76	17.05	16.50	16.36	16.71	16.35	16.27	16.37	16.43	16.41	17.62	17.97	
10	16.76	17.13	16.49	16.36	16.43	16.35	16.26	16.34	16.43	16.41	17.62	18.09	
11	16.75	17.32	16.46	16.36	16.31	16.35	16.23	16.30	16.43	16.74	17.45	18.34	
12	16.75	17.15	16.43	16.37	16.31	16.35	16.22	16.31	16.43	16.74	17.33	18.35	
13	16.75	17.02	16.34	16.37	16.30	16.37	16.22	16.32	16.42	16.74	17.33	18.12	
14	16.74	16.92	16.20	16.37	16.28	16.69	16.61	16.31	16.42	16.91	17.39	17.78	
15	16.74	16.92	16.28	16.38	16.45	17.74	16.27	16.32	16.42	16.97	17.75	17.77	
16	16.74	16.91	16.37	16.34	16.92	16.91	16.24	16.35	16.42	17.03	17.74	17.75	
17	16.74	16.98	16.37	16.34	17.50	16.46	16.23	16.70	16.41	17.03	17.52	17.75	
18	16.74	17.31	16.37	16.34	17.51	16.44	16.22	16.86	16.41	16.90	17.50	17.75	
19	16.74	17.31	16.36	16.34	17.05	16.44	16.16	17.60	16.41	16.75	17.52	17.75	
20	16.92	17.23	16.36	16.35	16.37	16.48	16.04	17.39	16.41	16.97	17.59	17.74	
21	17.08	16.92	16.36	16.35	16.35	16.48	16.04	16.82	16.41	17.19	17.77	17.73	
22	17.07	16.74	16.36	16.36	16.45	16.42	16.02	16.37	16.41	17.19	17.77	17.73	
23	17.06	16.68	16.36	16.36	16.67	16.39	16.00	17.19	16.41	17.19	17.76	17.72	
24	17.05	16.62	16.36	16.36	16.69	16.38	15.99	17.41	16.41	17.21	17.75	17.82	
25	16.91	16.62	16.36	16.35	16.68	16.38	15.99	16.67	16.41	17.53	17.75	18.17	
26	16.78	16.61	16.36	16.35	16.36	16.39	16.44	16.64	16.41	17.54	17.74	18.18	
27	16.91	16.61	16.35	16.35	16.29	16.44	16.49	16.51	16.41	17.54	17.74	18.07	
28	17.05	16.60	16.35	16.36	16.29	16.86	16.28	16.49	16.41	17.53	17.74	18.22	
29	17.28	16.62	16.35	16.36	16.29	17.03	16.28	16.54	16.41	17.53		18.11	
30	17.46	16.68	16.39	16.36	16.29	17.70	16.27	16.58	16.41	17.37		17.91	
31		16.64		16.36	16.29		16.27		16.41	17.17		18.11	
Mean	16.91	16.96	16.41	16.38	16.57	16.54	16.51	16.57	16.45	16.90	17.58	17.89	
Max	17.46	17.57	16.60	16.58	17.51	17.74	18.57	17.60	16.58	17.54	18.00	18.35	18.57
Min	16.74	16.60	16.20	16.34	16.28	16.29	15.99	16.26	16.41	16.41	17.16	17.69	15.99
Annual Max Momentary Gage Height	18.67		m. (MSL.) ,				at 06.00 Hours , on Oct 3 , 2005						
Zero Gage at Bottom Elevation	15.50		m. (MSL.) ,			River Bed	15.20	m. (MSL.)					
Left Bank Elevation	31.46		m. (MSL.) ,										
Right Bank Elevation	33.64		m. (MSL.) ,			Drainage Are	12,843	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	26.70	43.10	15.90	15.40	10.90	9.00	73.30	8.40	15.40	11.50	31.40	48.00	
2	26.40	38.40	13.90	13.40	10.90	9.20	74.20	8.40	15.40	11.50	31.10	48.00	
3	26.10	28.50	13.40	11.10	11.50	11.90	70.10	8.40	15.40	11.50	33.70	48.00	
4	26.10	28.20	13.40	11.10	18.50	10.00	40.20	8.40	15.40	11.50	43.40	47.70	
5	25.30	27.90	13.40	11.50	19.00	9.80	22.20	8.80	15.40	11.50	56.40	47.40	
6	23.50	27.60	13.40	11.30	19.20	9.80	11.30	15.90	15.40	11.50	54.60	47.40	
7	21.70	27.60	13.40	10.90	19.00	10.00	10.30	9.80	13.90	11.50	37.00	46.80	
8	20.00	27.30	13.40	11.10	19.00	10.00	8.40	10.70	11.90	11.50	37.30	49.60	
9	20.00	27.90	13.40	10.50	18.70	10.30	8.60	10.70	11.90	11.50	44.60	55.50	
10	20.00	30.20	13.20	10.50	11.90	10.30	8.40	10.00	11.90	11.50	44.60	59.20	
11	19.70	35.80	12.60	10.50	9.40	10.30	7.70	9.20	11.90	19.50	39.60	67.00	
12	19.70	30.80	11.90	10.70	9.40	10.30	7.50	9.40	11.90	19.50	36.10	67.30	
13	19.70	27.00	10.00	10.70	9.20	10.70	7.50	9.60	11.70	19.50	36.10	60.20	
14	19.50	24.10	7.10	10.70	8.80	18.20	16.20	9.40	11.70	23.80	37.80	49.60	
15	19.50	24.10	8.80	10.90	12.40	48.40	8.60	9.60	11.70	25.50	48.70	49.30	
16	19.50	23.80	10.70	10.00	24.10	23.80	7.90	10.30	11.70	27.30	48.40	48.70	
17	19.50	25.80	10.70	10.00	41.10	12.60	7.70	18.50	11.50	27.30	41.70	48.70	
18	19.50	35.50	10.70	10.00	41.40	12.10	7.50	22.50	11.50	23.50	41.10	48.70	
19	19.50	35.50	10.50	10.00	27.90	12.10	6.30	44.00	11.50	19.70	41.70	48.70	
20	24.10	33.20	10.50	10.30	10.70	13.00	4.00	37.80	11.50	25.50	43.70	48.40	
21	28.80	24.10	10.50	10.30	10.30	13.00	4.00	21.50	11.50	32.00	49.30	48.00	
22	28.50	19.50	10.50	10.50	12.40	11.70	3.60	10.70	11.50	32.00	49.30	48.00	
23	28.20	17.90	10.50	10.50	17.70	11.10	3.20	32.00	11.50	32.00	49.00	47.70	
24	27.90	16.40	10.50	10.50	18.20	10.90	3.10	38.40	11.50	32.60	48.70	50.80	
25	23.80	16.40	10.50	10.30	17.90	10.90	3.10	17.70	11.50	42.00	48.70	61.70	
26	20.50	16.20	10.50	10.30	10.50	11.10	12.10	16.90	11.50	42.20	48.40	62.00	
27	23.80	16.20	10.30	10.30	9.00	12.10	13.20	13.70	11.50	42.20	48.40	58.60	
28	27.90	15.90	10.30	10.50	9.00	22.50	8.80	13.20	11.50	42.00	48.40	63.30	
29	34.60	16.40	10.30	10.50	9.00	27.30	8.80	14.40	11.50	42.00		59.90	
30	39.90	17.90	11.10	10.50	9.00	47.10	8.60	15.40	11.50	37.30		53.60	
31		16.90		10.50	9.00		8.60		11.50	31.40		59.90	
Total	719.90	796.10	345.30	335.30	485.00	449.50	485.00	473.70	385.10	753.80	1219.20	1647.70	8095.60 CMSDAY
Mean	24.00	25.70	11.50	10.80	15.60	15.00	15.60	15.80	12.40	24.30	43.50	53.20	22.20 CMS
Max	39.90	43.10	15.90	15.40	41.40	48.40	74.20	44.00	15.40	42.20	56.40	67.30	74.20 CMS
Min	19.50	15.90	7.10	10.00	8.80	9.00	3.10	8.40	11.50	11.50	31.10	46.80	3.10 CMS
Runoff	62.20	68.78	29.83	28.97	41.90	38.84	41.90	40.93	33.27	65.13	105.34	142.36	699.46 MCM
Momentary Peak		77.44	CMS.	at 18.67 m. (MSL.)	at 06.00 Hours		on Oct 3, 2005						
Runoff Yield		1.73	Liters/Second/Square KM.		Momentary Peak Yield	6.030	Liters/Second/Square KM.						

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Tha Hi Yong , Phetchabun (S.33)

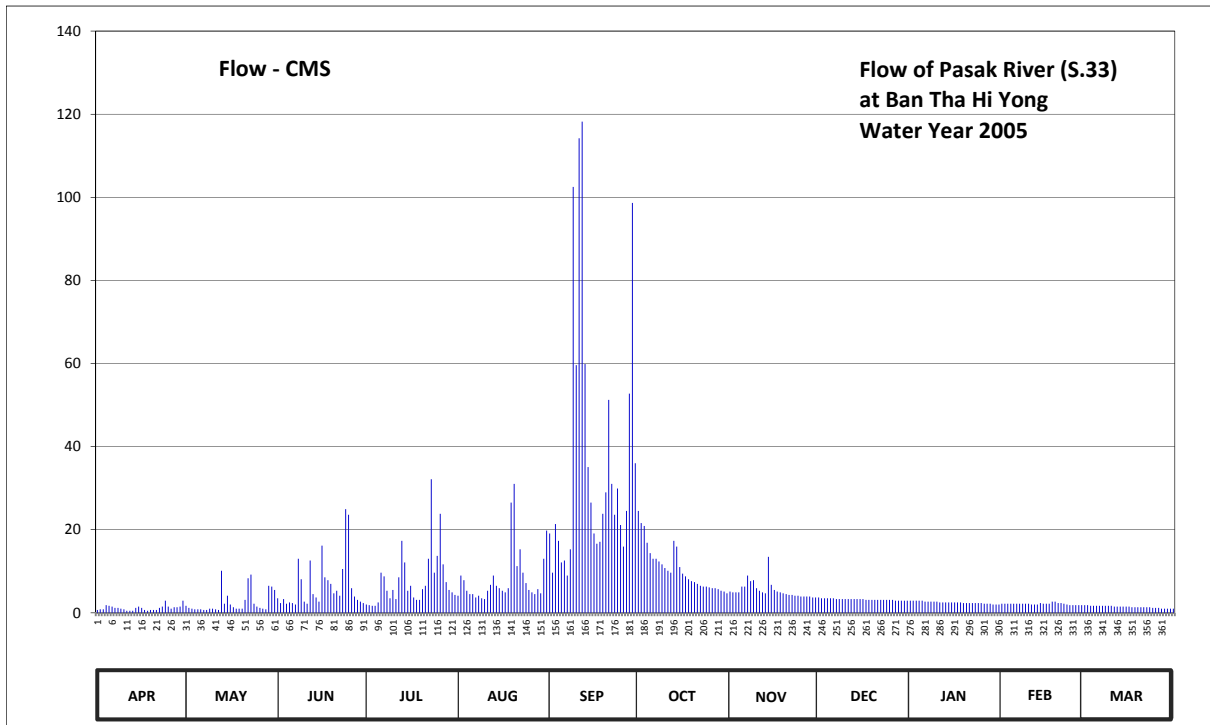
Lat 17 - 00 - 10 N Long 101 - 21 - 23 E

Location : on left bank at Ban Tha Hai Yong

	Ban	Tha Hai Yong	Amphoe	Lom Kao	Changwat	Phetchabun
Drainage Area	521	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+190.090 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank near the gage site.				Elevation	+198.009 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1999 to date					
Rating Operation						
Period of Rating	1999 to date					
Rated by Flot	-					
Rated by Current Meter	1999 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records very good. Stage-discharge relation defined by 83 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.49	190.55	190.65	190.57	190.68	191.36	191.60	190.73	190.66	190.62	190.58	190.56	
2	190.50	190.52	190.59	190.56	190.91	190.94	191.47	190.72	190.65	190.62	190.58	190.56	
3	190.50	190.51	190.64	190.55	190.86	191.46	191.44	190.72	190.65	190.62	190.58	190.55	
4	190.56	190.50	190.58	190.55	190.74	191.28	191.26	190.72	190.65	190.62	190.58	190.55	
5	190.55	190.50	190.60	190.60	190.70	191.05	191.15	190.79	190.65	190.62	190.58	190.55	
6	190.54	190.50	190.59	190.94	190.70	191.07	191.09	190.79	190.65	190.61	190.58	190.55	
7	190.52	190.49	190.57	190.90	190.66	190.91	191.09	190.91	190.64	190.61	190.58	190.55	
8	190.52	190.49	191.09	190.74	190.68	191.19	191.06	190.85	190.64	190.61	190.58	190.55	
9	190.51	190.51	190.87	190.65	190.65	194.50	191.03	190.86	190.64	190.61	190.58	190.55	
10	190.50	190.51	190.61	190.75	190.64	193.04	190.99	190.77	190.64	190.61	190.58	190.55	
11	190.48	190.50	190.58	190.64	190.74	194.83	190.96	190.74	190.64	190.60	190.57	190.54	
12	190.48	190.49	191.07	190.89	190.81	194.93	190.94	190.72	190.64	190.60	190.57	190.54	
13	190.48	190.96	190.70	191.28	190.91	193.05	191.28	190.71	190.64	190.60	190.57	190.54	
14	190.52	190.58	190.66	191.05	190.80	192.07	191.22	191.11	190.64	190.60	190.59	190.54	
15	190.54	190.68	190.61	190.74	190.77	191.69	191.00	190.81	190.64	190.60	190.58	190.54	
16	190.52	190.57	191.23	190.80	190.74	191.36	190.93	190.75	190.64	190.60	190.58	190.54	
17	190.49	190.53	190.89	190.66	190.72	191.25	190.90	190.73	190.63	190.60	190.58	190.53	
18	190.48	190.51	190.86	190.63	190.77	191.27	190.87	190.72	190.63	190.60	190.61	190.53	
19	190.49	190.51	190.82	190.63	191.69	191.57	190.85	190.71	190.63	190.59	190.61	190.53	
20	190.49	190.51	190.71	190.76	191.89	191.80	190.84	190.70	190.63	190.59	190.59	190.53	
21	190.49	190.63	190.74	190.80	191.01	192.73	190.82	190.69	190.63	190.59	190.59	190.53	
22	190.52	190.88	190.68	191.09	191.19	191.89	190.80	190.69	190.63	190.59	190.58	190.53	
23	190.54	190.92	190.98	191.94	190.94	191.56	190.79	190.68	190.63	190.59	190.57	190.53	
24	190.62	190.58	191.62	190.94	190.83	191.84	190.79	190.68	190.63	190.59	190.56	190.52	
25	190.54	190.54	191.56	191.12	190.75	191.45	190.78	190.67	190.63	190.59	190.56	190.52	
26	190.51	190.52	190.77	191.57	190.72	191.22	190.77	190.67	190.63	190.58	190.56	190.52	
27	190.53	190.51	190.67	191.03	190.70	191.60	190.77	190.67	190.62	190.58	190.56	190.51	
28	190.53	190.50	190.63	190.84	190.76	192.79	190.76	190.67	190.62	190.58	190.56	190.51	
29	190.54	190.80	190.61	190.75	190.71	194.39	190.74	190.66	190.62	190.57		190.51	
30	190.62	190.79	190.59	190.72	191.09	192.11	190.73	190.66	190.62	190.57		190.51	
31		190.75		190.69	191.39		190.71		190.62	190.57		190.51	
Mean	190.52	190.59	190.79	190.85	190.88	192.07	190.98	190.74	190.64	190.60	190.58	190.53	
Max	190.62	190.96	191.62	191.94	191.89	194.93	191.60	191.11	190.66	190.62	190.61	190.56	194.93
Min	190.48	190.49	190.57	190.55	190.64	190.91	190.71	190.66	190.62	190.57	190.56	190.51	190.48
Annual Max Momentary Gage Height	199.25		m. (MSL.) ,				at 24.00 Hours ,						
Zero Gage at Bottom Elevation	190.09		m. (MSL.) ,			River Bed	189.80		m. (MSL.)				
Left Bank Elevation		197.00		m. (MSL.) ,									
Right Bank Elevation		197.60		m. (MSL.) ,		Drainage Are	521		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.67	1.67	3.50	2.00	4.10	19.10	24.50	5.10	3.70	2.90	2.17	1.83		
2	0.83	1.17	2.33	1.83	8.98	9.65	21.58	4.90	3.50	2.90	2.17	1.83		
3	0.83	1.00	3.30	1.67	7.85	21.35	20.90	4.90	3.50	2.90	2.17	1.67		
4	1.83	0.83	2.17	1.67	5.30	17.30	16.85	4.90	3.50	2.90	2.17	1.67		
5	1.67	0.83	2.50	2.50	4.50	12.13	14.37	6.30	3.50	2.90	2.17	1.67		
6	1.50	0.83	2.33	9.65	4.50	12.58	13.02	6.30	3.50	2.70	2.17	1.67		
7	1.17	0.67	2.00	8.75	3.70	8.98	13.02	8.98	3.30	2.70	2.17	1.67		
8	1.17	0.67	13.02	5.30	4.10	15.28	12.35	7.63	3.30	2.70	2.17	1.67		
9	1.00	1.00	8.07	3.50	3.50	102.50	11.67	7.85	3.30	2.70	2.17	1.67		
10	0.83	1.00	2.70	5.50	3.30	59.60	10.78	5.90	3.30	2.70	2.17	1.67		
11	0.50	0.83	2.17	3.30	5.30	114.20	10.10	5.30	3.30	2.50	2.00	1.50		
12	0.50	0.67	12.58	8.52	6.72	118.20	9.65	4.90	3.30	2.50	2.00	1.50		
13	0.50	10.10	4.50	17.30	8.98	59.88	17.30	4.70	3.30	2.50	2.00	1.50		
14	1.17	2.17	3.70	12.13	6.50	35.08	15.95	13.47	3.30	2.50	2.33	1.50		
15	1.50	4.10	2.70	5.30	5.90	26.53	11.00	6.72	3.30	2.50	2.17	1.50		
16	1.17	2.00	16.17	6.50	5.30	19.10	9.42	5.50	3.30	2.50	2.17	1.50		
17	0.67	1.33	8.52	3.70	4.90	16.62	8.75	5.10	3.10	2.50	2.17	1.33		
18	0.50	1.00	7.85	3.10	5.90	17.08	8.07	4.90	3.10	2.50	2.70	1.33		
19	0.67	1.00	6.95	3.10	26.53	23.83	7.63	4.70	3.10	2.33	2.70	1.33		
20	0.67	1.00	4.70	5.70	31.03	29.00	7.40	4.50	3.10	2.33	2.33	1.33		
21	0.67	3.10	5.30	6.50	11.22	51.25	6.95	4.30	3.10	2.33	2.33	1.33		
22	1.17	8.30	4.10	13.02	15.28	31.03	6.50	4.30	3.10	2.33	2.17	1.33		
23	1.50	9.20	10.55	32.15	9.65	23.60	6.30	4.10	3.10	2.33	2.00	1.33		
24	2.90	2.17	24.95	9.65	7.17	29.90	6.30	4.10	3.10	2.33	1.83	1.17		
25	1.50	1.50	23.60	13.70	5.50	21.12	6.10	3.90	3.10	2.33	1.83	1.17		
26	1.00	1.17	5.90	23.83	4.90	15.95	5.90	3.90	3.10	2.17	1.83	1.17		
27	1.33	1.00	3.90	11.67	4.50	24.50	5.90	3.90	2.90	2.17	1.83	1.00		
28	1.33	0.83	3.10	7.40	5.70	52.75	5.70	3.90	2.90	2.17	1.83	1.00		
29	1.50	6.50	2.70	5.50	4.70	98.65	5.30	3.70	2.90	2.00		1.00		
30	2.90	6.30	2.33	4.90	13.02	35.98	5.10	3.70	2.90	2.00		1.00		
31		5.50		4.30	19.77		4.70		2.90	2.00		1.00		
Total	35.15	79.44	198.19	243.64	258.30	1122.72	329.06	162.35	99.70	76.82	59.92	43.84	2709.13	CMSDAY
Mean	1.17	2.56	6.61	7.86	8.33	37.42	10.61	5.41	3.22	2.48	2.14	1.41	7.42	CMS
Max	2.90	10.10	24.95	32.15	31.03	118.20	24.50	13.47	3.70	2.90	2.70	1.83	118.20	CMS
Min	0.50	0.67	2.00	1.67	3.30	8.98	4.70	3.70	2.90	2.00	1.83	1.00	0.50	CMS
Runoff	3.04	6.86	17.12	21.05	22.32	97.00	28.43	14.03	8.61	6.64	5.18	3.79	234.07	MCM
Momentary Peak	441.75	CMS. at 199.25 m. (MSL.) at 24.00 Hours , on Sep 28 , 2005												
Runoff Yield	14.25	Liters/Second/Square KM. Momentary Peak Yield 847.889 Liters/Second/Square KM.												

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Non Thong , Phetchabun (S.36)

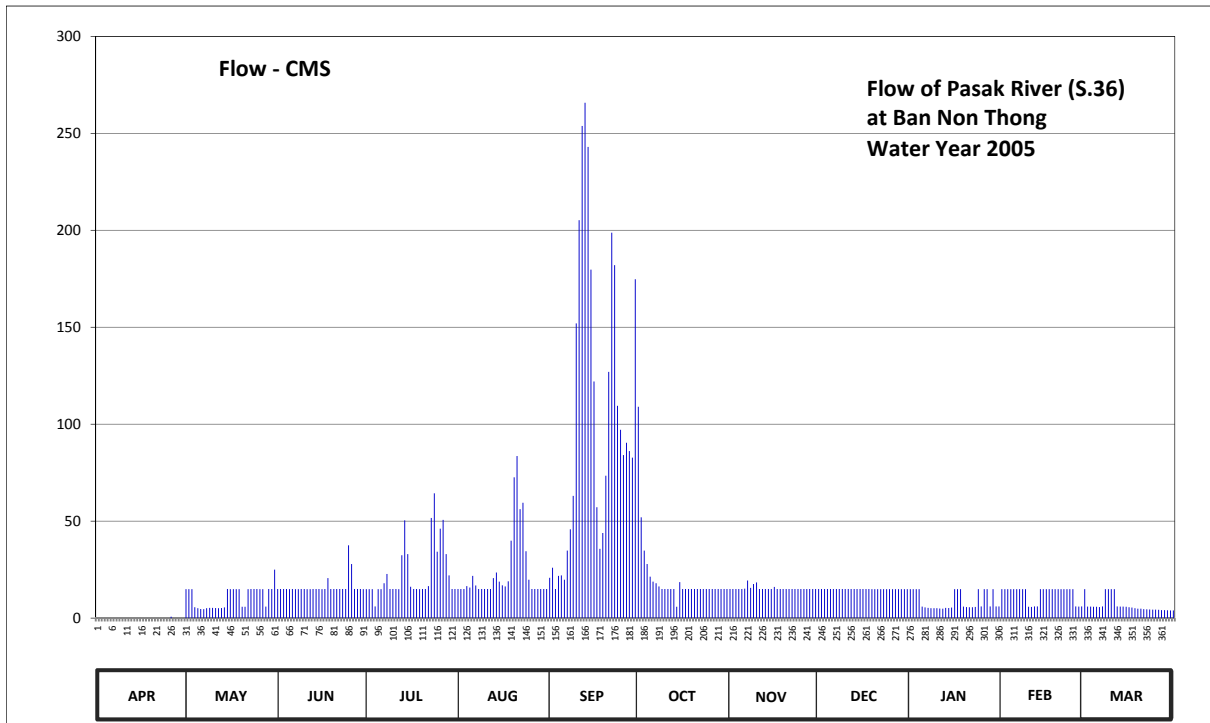
Lat 16 - 43 - 42 N Long 101 - 14 - 32 E

Location : on right bank at Ban Non Thong.

	Ban Non Thong	Amphoe Lom Sak	Changwat Phetchabun
Drainage Area	1,775 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+130.950 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.		Elevation +143.140 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 13 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

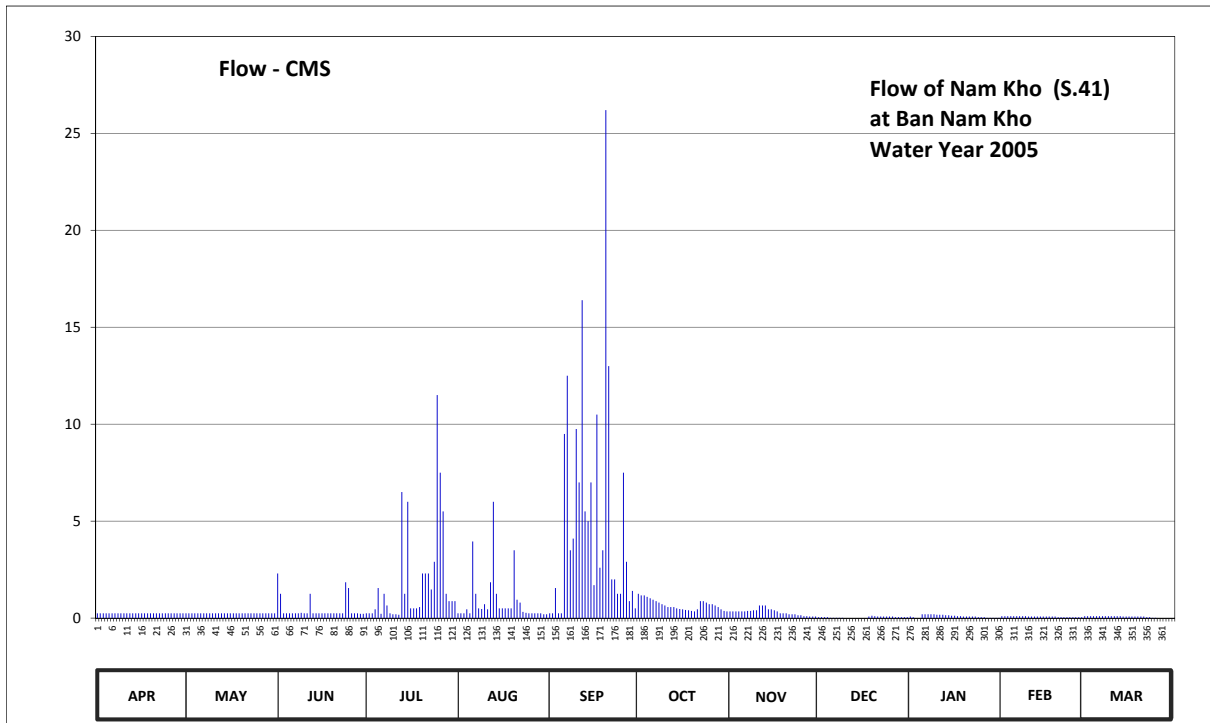
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	132.70	134.42	134.68	134.51	135.06	135.54	138.00	134.79	134.70	134.50	134.45	134.41	
2	132.70	134.48	134.61	134.49	134.94	135.76	136.60	134.82	134.73	134.50	134.45	134.39	
3	132.69	134.44	134.61	134.47	135.18	135.13	136.06	134.83	134.75	134.48	134.45	134.39	
4	132.66	134.35	134.77	134.40	135.30	135.59	135.83	134.83	134.70	134.42	134.45	134.38	
5	132.65	134.28	134.55	134.43	135.25	135.60	135.57	134.86	134.70	134.39	134.45	134.38	
6	132.65	134.23	134.60	134.45	135.59	135.49	135.44	135.21	134.69	134.34	134.43	134.36	
7	132.65	134.22	134.59	135.40	135.32	136.06	135.40	135.47	134.69	134.30	134.43	134.40	
8	132.64	134.28	134.53	135.63	135.20	136.41	135.29	135.24	134.67	134.28	134.43	134.44	
9	132.63	134.30	134.96	134.77	134.99	136.94	135.03	135.37	134.65	134.28	134.42	134.44	
10	132.60	134.30	134.74	134.72	135.10	138.80	135.13	135.42	134.67	134.28	134.38	134.44	
11	132.60	134.29	134.59	134.88	134.80	139.54	135.09	135.14	134.67	134.26	134.37	134.43	
12	132.60	134.28	134.50	134.59	135.01	140.12	135.04	135.12	134.66	134.25	134.40	134.40	
13	132.58	134.29	134.65	135.98	135.53	140.24	134.73	134.98	134.65	134.30	134.40	134.39	
14	132.57	134.34	134.73	136.55	135.66	140.00	134.38	134.93	134.65	134.29	134.41	134.39	
15	132.57	134.60	134.64	136.00	135.44	139.21	135.43	135.03	134.63	134.33	134.45	134.38	
16	132.57	134.43	134.59	135.28	135.33	138.26	135.17	135.27	134.61	134.46	134.48	134.35	
17	132.55	134.49	135.03	134.92	135.29	136.76	135.11	135.01	134.60	134.50	134.50	134.32	
18	132.55	134.46	135.53	134.70	135.45	136.09	134.98	135.08	134.60	134.45	134.48	134.28	
19	132.52	134.42	135.12	134.50	136.23	136.35	134.92	134.88	134.54	134.39	134.45	134.25	
20	132.50	134.38	135.04	134.67	137.19	137.21	134.90	134.80	134.49	134.36	134.43	134.25	
21	132.50	134.38	134.88	135.13	137.45	138.36	134.91	134.84	134.49	134.35	134.42	134.21	
22	132.50	134.53	134.82	135.30	136.73	139.46	134.84	134.85	134.49	134.35	134.45	134.20	
23	132.50	134.72	134.75	136.59	136.83	139.24	134.82	134.79	134.56	134.37	134.43	134.19	
24	132.49	134.81	135.04	136.98	136.05	138.01	134.81	134.75	134.56	134.42	134.43	134.18	
25	132.57	134.64	136.15	136.04	135.49	137.75	134.77	134.75	134.55	134.40	134.42	134.18	
26	133.29	134.53	135.83	136.42	135.14	137.46	134.77	134.72	134.55	134.41	134.40	134.17	
27	132.97	134.48	135.13	136.56	134.82	137.61	134.74	134.70	134.53	134.41	134.39	134.15	
28	132.92	134.39	134.69	136.00	134.71	137.51	134.70	134.79	134.52	134.40	134.40	134.15	
29	132.93	134.72	134.62	135.60	134.79	137.43	134.72	134.78	134.48	134.42		134.14	
30	132.92	135.02	134.51	134.97	134.67	139.14	134.67	134.77	134.46	134.40		134.13	
31		135.72		135.02	134.84		134.65		134.46	134.40		134.13	
Mean	132.66	134.49	134.85	135.29	135.46	137.57	135.18	134.96	134.60	134.38	134.43	134.30	
Max	133.29	135.72	136.15	136.98	137.45	140.24	138.00	135.47	134.75	134.50	134.50	134.44	140.24
Min	132.49	134.22	134.50	134.40	134.67	135.13	134.38	134.70	134.46	134.25	134.37	134.13	132.49
Annual Max Momentary Gage Height	140.25		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	130.95		m. (MSL.) ,				River Bed	130.49		m. (MSL.)			
Left Bank Elevation		142.04		m. (MSL.) ,									
Right Bank Elevation		141.99		m. (MSL.) ,			Drainage Are	1,775		Square Kilometers			



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	14.97	14.98	14.97	14.99	20.80	109.00	14.98	14.98	14.97	14.97	14.97	
2	0.00	14.97	14.98	14.97	14.99	26.00	52.00	14.98	14.98	14.97	14.97	5.93	
3	0.00	14.97	14.98	14.97	15.00	15.00	34.80	14.98	14.98	14.97	14.97	5.93	
4	0.00	5.63	14.98	6.00	16.50	21.80	27.90	14.98	14.98	14.97	14.97	5.85	
5	0.00	5.10	14.97	14.97	15.75	22.00	21.40	14.99	14.98	5.93	14.97	5.85	
6	0.00	4.72	14.98	14.97	21.80	19.80	18.80	15.15	14.98	5.55	14.97	5.70	
7	0.00	4.65	14.97	18.00	16.80	34.80	18.00	19.40	14.98	5.25	14.97	6.00	
8	0.00	5.10	14.97	22.75	15.00	45.83	16.35	15.60	14.98	5.10	14.97	14.97	
9	0.00	5.25	14.99	14.98	14.99	63.05	14.99	17.55	14.98	5.10	14.97	14.97	
10	0.00	5.25	14.98	14.98	15.00	152.00	15.00	18.40	14.98	5.10	5.85	14.97	
11	0.00	5.17	14.97	14.99	14.98	205.20	15.00	15.00	14.98	4.95	5.78	14.97	
12	0.00	5.10	14.97	14.97	14.99	253.80	14.99	15.00	14.98	4.88	6.00	6.00	
13	0.00	5.17	14.98	32.40	20.60	265.80	14.98	14.99	14.98	5.25	6.00	5.93	
14	0.00	5.55	14.98	50.38	23.50	243.00	5.85	14.99	14.98	5.17	14.97	5.93	
15	0.00	14.98	14.98	33.00	18.80	179.75	18.60	14.99	14.98	5.48	14.97	5.85	
16	0.00	14.97	14.97	16.20	16.95	122.00	15.00	16.05	14.98	14.97	14.97	5.63	
17	0.00	14.97	14.99	14.99	16.35	57.20	15.00	14.99	14.98	14.97	14.97	5.40	
18	0.00	14.97	20.60	14.98	19.00	35.70	14.99	15.00	14.98	14.97	14.97	5.10	
19	0.00	14.97	15.00	14.97	39.97	43.88	14.99	14.99	14.97	5.93	14.97	4.88	
20	0.00	5.85	14.99	14.98	72.60	73.43	14.99	14.98	14.97	5.70	14.97	4.88	
21	0.00	5.85	14.99	15.00	83.62	127.00	14.99	14.99	14.97	5.63	14.97	4.58	
22	0.00	14.97	14.98	16.50	56.22	198.80	14.99	14.99	14.97	5.63	14.97	4.50	
23	0.00	14.98	14.98	51.67	59.48	182.00	14.98	14.98	14.97	5.78	14.97	4.43	
24	0.00	14.98	14.99	64.35	34.50	109.50	14.98	14.98	14.97	14.97	14.97	4.35	
25	0.00	14.98	37.50	34.20	19.80	97.12	14.98	14.98	14.97	6.00	14.97	4.35	
26	0.72	14.97	27.90	46.15	15.00	84.05	14.98	14.98	14.97	14.97	6.00	4.28	
27	0.00	14.97	15.00	50.70	14.98	90.47	14.98	14.98	14.97	14.97	5.93	4.12	
28	0.00	5.93	14.98	33.00	14.98	86.17	14.98	14.98	14.97	6.00	6.00	4.12	
29	0.00	14.98	14.98	22.00	14.98	82.77	14.98	14.98	14.97	14.97		4.05	
30	0.00	14.99	14.97	14.99	14.98	174.80	14.98	14.98	14.97	6.00		3.98	
31		25.00		14.99	14.99		14.98		14.97	6.00		3.98	
Total	0.72	338.91	490.48	736.97	762.09	3133.52	637.43	461.81	464.25	275.10	355.93	206.45	7863.66 CMSDAY
Mean	0.02	10.93	16.35	23.77	24.58	104.45	20.56	15.39	14.98	8.87	12.71	6.66	21.54 CMS
Max	0.72	25.00	37.50	64.35	83.62	265.80	109.00	19.40	14.98	14.97	14.97	14.97	265.80 CMS
Min	0.00	4.65	14.97	6.00	14.98	15.00	5.85	14.98	14.97	4.88	5.78	3.98	0.00 CMS
Runoff	0.06	29.28	42.38	63.67	65.85	270.74	55.07	39.90	40.11	23.77	30.75	17.84	679.42 MCM
Momentary Peak	267.00	CMS.	at 140.25 m. (MSL.)	at 06.00 Hours	, on Sep 13, 2005								
Runoff Yield	12.14	Liters/Second/Square KM.			Momentary Peak Yield	150.423	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.25	0.25	2.30	0.25	0.25	0.25	1.25	0.35	0.05	0.08	0.10	0.10	
2	0.25	0.25	1.25	0.25	0.25	0.25	1.17	0.35	0.05	0.05	0.10	0.10	
3	0.25	0.25	0.25	0.25	0.25	1.55	1.17	0.35	0.05	0.00	0.10	0.10	
4	0.25	0.25	0.25	0.45	0.45	0.25	1.10	0.35	0.05	0.00	0.10	0.10	
5	0.25	0.25	0.25	1.55	0.25	0.25	1.02	0.35	0.02	0.20	0.10	0.10	
6	0.25	0.25	0.25	0.22	3.95	9.50	0.95	0.35	0.02	0.20	0.10	0.10	
7	0.25	0.25	0.25	1.25	1.25	12.50	0.87	0.37	0.02	0.20	0.10	0.10	
8	0.25	0.25	0.25	0.65	0.50	3.50	0.80	0.37	0.02	0.20	0.10	0.10	
9	0.25	0.25	0.27	0.25	0.47	4.10	0.72	0.40	0.02	0.20	0.10	0.10	
10	0.25	0.25	0.25	0.20	0.72	9.75	0.65	0.40	0.00	0.17	0.08	0.10	
11	0.25	0.25	0.25	0.20	0.45	7.00	0.57	0.65	0.00	0.17	0.08	0.10	
12	0.25	0.25	1.25	0.17	1.85	16.40	0.57	0.65	0.00	0.17	0.08	0.10	
13	0.25	0.25	0.25	6.50	6.00	5.50	0.57	0.65	0.00	0.15	0.08	0.10	
14	0.25	0.25	0.25	1.25	1.25	5.00	0.50	0.45	0.00	0.15	0.08	0.08	
15	0.25	0.25	0.25	6.00	0.50	7.00	0.47	0.45	0.00	0.12	0.08	0.08	
16	0.25	0.25	0.25	0.50	0.50	1.70	0.45	0.40	0.00	0.12	0.08	0.08	
17	0.25	0.25	0.25	0.50	0.50	10.50	0.42	0.35	0.00	0.10	0.08	0.08	
18	0.25	0.25	0.25	0.50	0.50	2.60	0.40	0.25	0.08	0.10	0.08	0.08	
19	0.25	0.25	0.25	0.57	0.50	3.50	0.37	0.25	0.12	0.08	0.08	0.08	
20	0.25	0.25	0.25	2.30	3.50	26.20	0.35	0.25	0.10	0.08	0.05	0.08	
21	0.25	0.25	0.25	2.30	0.95	13.00	0.45	0.20	0.08	0.08	0.05	0.08	
22	0.25	0.25	0.25	2.30	0.80	2.00	0.87	0.20	0.08	0.08	0.05	0.05	
23	0.25	0.25	0.25	1.48	0.32	2.00	0.87	0.20	0.08	0.08	0.05	0.05	
24	0.25	0.25	1.85	2.90	0.27	1.25	0.80	0.15	0.08	0.05	0.05	0.02	
25	0.25	0.25	1.55	11.50	0.25	1.25	0.72	0.15	0.08	0.05	0.05	0.02	
26	0.25	0.25	0.25	7.50	0.25	7.50	0.72	0.10	0.08	0.05	0.05	0.00	
27	0.25	0.25	0.25	5.50	0.25	2.90	0.65	0.10	0.05	0.02	0.05	0.00	
28	0.25	0.25	0.25	1.25	0.25	0.87	0.57	0.08	0.05	0.02	0.05	0.00	
29	0.25	0.25	0.22	0.87	0.25	1.40	0.45	0.08	0.05	0.02	0.00	0.00	
30	0.25	0.25	0.22	0.87	0.20	0.50	0.37	0.08	0.05	0.02	0.00	0.00	
31		0.25		0.87	0.20		0.35		0.05	0.02		0.00	
Total	7.50	7.75	14.41	61.15	27.88	159.97	21.19	9.33	1.33	3.03	2.15	2.08	317.77 CMSDAY
Mean	0.25	0.25	0.48	1.97	0.90	5.33	0.68	0.31	0.04	0.10	0.08	0.07	0.87 CMS
Max	0.25	0.25	2.30	11.50	6.00	26.20	1.25	0.65	0.12	0.20	0.10	0.10	26.20 CMS
Min	0.25	0.25	0.22	0.17	0.20	0.25	0.35	0.08	0.00	0.00	0.05	0.00	0.00 CMS
Runoff	0.65	0.67	1.25	5.28	2.41	13.82	1.83	0.81	0.12	0.26	0.19	0.18	27.46 MCM
Momentary Peak	96.50 CMS. at 3.10 m. (A.D.) at 18.00 Hours , on Sep 20 , 2005												
Runoff Yield	12.62	Liters/Second/Square KM.		Momentary Peak Yield		1398.55	Liters/Second/Square KM.						

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Bo Rang , Phetchabun (S.42)

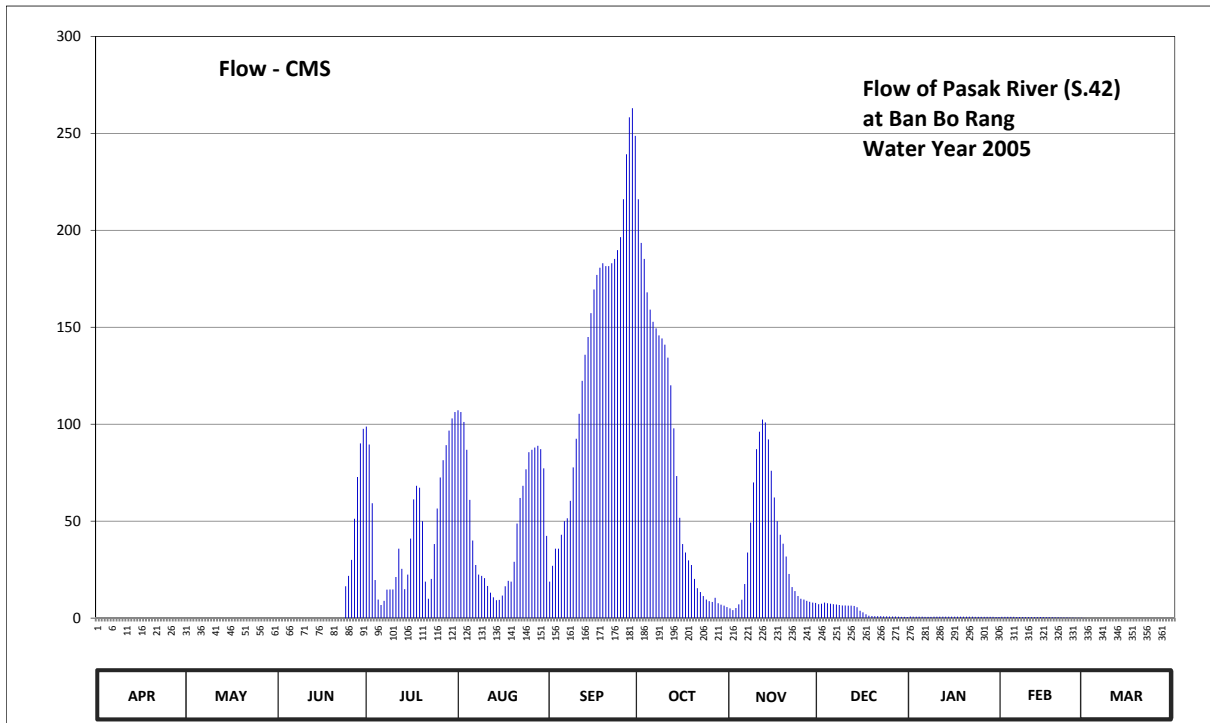
Lat 15 - 34 - 35 N Long 101 - 05 - 28 E

Location : on left bank at the bridge.

	Ban Bo Rang	Amphoe Wichian Buri	Changwat Phetchabun
Drainage Area	7,233 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+51.796 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+63.900 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 66 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	52.94	53.02	52.93	59.26	59.54	55.94	61.74	54.90	55.12	54.00	53.91	53.47	
2	52.93	53.02	52.93	58.95	59.51	56.35	61.58	54.81	55.14	53.98	53.92	53.43	
3	52.94	52.99	52.94	57.81	59.34	56.79	61.47	54.92	55.20	53.96	53.92	53.41	
4	52.98	53.00	52.91	55.98	58.86	56.79	61.16	55.11	55.17	53.95	53.93	53.38	
5	52.97	53.01	52.92	55.36	57.88	57.15	60.98	55.35	55.14	53.95	53.93	53.33	
6	52.89	53.00	52.93	55.08	57.00	57.44	60.84	55.88	55.12	53.94	53.90	53.30	
7	52.83	52.99	52.94	55.29	56.37	57.50	60.76	56.69	55.10	53.94	53.88	53.27	
8	52.82	52.99	52.94	55.71	56.12	57.86	60.67	57.41	55.08	53.94	53.87	53.25	
9	52.81	52.99	52.98	55.72	56.09	58.55	60.63	58.24	55.05	53.95	53.86	53.24	
10	52.81	53.00	53.00	55.72	56.03	59.05	60.55	58.87	55.05	53.95	53.85	53.21	
11	52.81	52.99	52.99	56.06	55.83	59.48	60.38	59.17	55.04	53.96	53.85	53.19	
12	52.82	52.99	52.98	56.79	55.61	60.04	59.97	59.38	55.04	53.97	53.86	53.16	
13	52.82	53.00	52.96	56.27	55.45	60.42	59.23	59.33	55.03	53.97	53.86	53.15	
14	52.81	53.01	52.96	55.73	55.32	60.65	58.37	59.04	54.96	53.97	53.87	53.13	
15	52.81	53.00	52.97	56.12	55.34	60.94	57.51	58.48	54.75	53.97	53.87	53.12	
16	52.85	52.98	52.95	57.05	55.51	61.19	56.91	57.93	54.59	53.97	53.86	53.08	
17	52.86	52.99	52.93	57.89	55.82	61.34	56.69	57.44	54.39	53.97	53.85	53.05	
18	52.87	52.99	52.91	58.17	55.96	61.41	56.49	57.15	54.20	53.97	53.84	53.05	
19	52.90	53.02	52.90	58.13	55.94	61.44	56.37	56.92	54.13	53.97	53.82	53.05	
20	52.93	53.04	52.91	57.44	56.45	61.42	56.01	56.59	54.11	53.97	53.79	53.04	
21	52.96	53.05	52.91	55.94	57.39	61.42	55.76	56.14	54.10	53.96	53.76	53.04	
22	52.97	53.06	52.91	55.40	57.92	61.44	55.63	55.80	54.09	53.95	53.75	52.99	
23	52.98	53.06	52.91	56.01	58.17	61.47	55.49	55.66	54.07	53.93	53.70	52.93	
24	53.01	53.03	55.82	56.91	58.51	61.53	55.36	55.49	54.06	53.92	53.65	52.92	
25	53.05	53.02	56.09	57.70	58.82	61.61	55.27	55.40	54.03	53.92	53.62	52.91	
26	53.04	53.00	56.50	58.34	58.86	61.74	55.23	55.36	54.00	53.92	53.59	52.91	
27	53.04	52.99	57.49	58.68	58.90	61.83	55.43	55.29	54.00	53.92	53.55	52.91	
28	53.04	52.97	58.35	58.94	58.93	61.87	55.17	55.24	53.97	53.92	53.53	52.93	
29	53.03	52.95	58.97	59.19	58.87	61.88	55.09	55.20	53.94	53.91	53.90	52.95	
30	53.02	52.92	59.22	59.40	58.53	61.85	55.04	55.18	53.91	53.90	53.90	52.96	
31		52.91		59.51	57.12		54.97		53.90	53.88		53.00	
Mean	52.92	53.00	54.00	57.11	57.29	59.95	57.96	56.61	54.56	53.95	53.81	53.12	
Max	53.05	53.06	59.22	59.51	59.54	61.88	61.74	59.38	55.20	54.00	53.93	53.47	61.88
Min	52.81	52.91	52.90	55.08	55.32	55.94	54.97	54.81	53.90	53.88	53.53	52.91	52.81
Annual Max Momentary Gage Height	61.89		m. (MSL.) ,			at 15.00 Hours ,	on Sep 29 , 2005						
Zero Gage at Bottom Elevation	51.79		m. (MSL.) ,			River Bed	52.45	m. (MSL.)					
Left Bank Elevation		64.19		m. (MSL.) ,									
Right Bank Elevation		64.02		m. (MSL.) ,		Drainage Are	7,233	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	98.80	107.20	18.80	216.00	5.00	7.20	0.80	0.62	0.07	
2	0.00	0.00	0.00	89.50	106.30	27.00	193.50	4.10	7.40	0.76	0.64	0.03	
3	0.00	0.00	0.00	59.25	101.20	35.80	185.25	5.20	8.00	0.72	0.64	0.01	
4	0.00	0.00	0.00	19.60	86.80	35.80	168.00	7.10	7.70	0.70	0.66	0.00	
5	0.00	0.00	0.00	9.60	61.00	43.00	159.10	9.50	7.40	0.70	0.66	0.00	
6	0.00	0.00	0.00	6.80	40.00	50.00	152.80	17.60	7.20	0.68	0.60	0.00	
7	0.00	0.00	0.00	8.90	27.40	51.50	149.40	33.80	7.00	0.68	0.56	0.00	
8	0.00	0.00	0.00	14.65	22.40	60.50	145.80	49.25	6.80	0.68	0.54	0.00	
9	0.00	0.00	0.00	14.80	21.80	77.75	144.20	70.00	6.50	0.70	0.52	0.00	
10	0.00	0.00	0.00	14.80	20.60	92.50	141.00	87.10	6.50	0.70	0.50	0.00	
11	0.00	0.00	0.00	21.20	16.60	105.40	134.30	96.10	6.40	0.72	0.50	0.00	
12	0.00	0.00	0.00	35.80	13.15	122.40	120.10	102.40	6.40	0.74	0.52	0.00	
13	0.00	0.00	0.00	25.40	10.75	135.80	97.90	100.90	6.30	0.74	0.52	0.00	
14	0.00	0.00	0.00	14.95	9.20	145.00	73.25	92.20	5.60	0.74	0.54	0.00	
15	0.00	0.00	0.00	22.40	9.40	157.30	51.75	76.00	3.75	0.74	0.54	0.00	
16	0.00	0.00	0.00	41.00	11.65	169.50	38.20	62.25	2.95	0.74	0.52	0.00	
17	0.00	0.00	0.00	61.25	16.40	177.00	33.80	50.00	1.96	0.74	0.50	0.00	
18	0.00	0.00	0.00	68.25	19.20	180.75	29.80	43.00	1.20	0.74	0.48	0.00	
19	0.00	0.00	0.00	67.25	18.80	183.00	27.40	38.40	1.06	0.74	0.44	0.00	
20	0.00	0.00	0.00	50.00	29.00	181.50	20.20	31.80	1.02	0.74	0.39	0.00	
21	0.00	0.00	0.00	18.80	48.75	181.50	15.40	22.80	1.00	0.72	0.36	0.00	
22	0.00	0.00	0.00	10.00	62.00	183.00	13.45	16.00	0.98	0.70	0.35	0.00	
23	0.00	0.00	0.00	20.20	68.25	185.25	11.35	13.90	0.94	0.66	0.30	0.00	
24	0.00	0.00	16.40	38.20	76.75	189.75	9.60	11.35	0.92	0.64	0.25	0.00	
25	0.00	0.00	21.80	56.50	85.60	196.50	8.70	10.00	0.86	0.64	0.22	0.00	
26	0.00	0.00	30.00	72.50	86.80	216.00	8.30	9.60	0.80	0.64	0.19	0.00	
27	0.00	0.00	51.25	81.40	88.00	239.25	10.45	8.90	0.80	0.64	0.15	0.00	
28	0.00	0.00	72.75	89.20	88.90	258.25	7.70	8.40	0.74	0.64	0.13	0.00	
29	0.00	0.00	90.10	96.70	87.10	263.00	6.90	8.00	0.68	0.62	0.00	0.00	
30	0.00	0.00	97.60	103.00	77.25	248.75	6.40	7.80	0.62	0.60	0.00	0.00	
31	0.00	0.00	106.30	42.40			5.70		0.60	0.56		0.00	
Total	0.00	0.00	379.90	1437.00	1560.65	4211.55	2385.70	1098.45	117.28	21.56	12.84	0.11	11225.04 CMSDAY
Mean	0.00	0.00	12.66	46.35	50.34	140.39	76.96	36.62	3.78	0.70	0.46	0.00	30.75 CMS
Max	0.00	0.00	97.60	106.30	107.20	263.00	216.00	102.40	8.00	0.80	0.66	0.07	263.00 CMS
Min	0.00	0.00	0.00	6.80	9.20	18.80	5.70	4.10	0.60	0.56	0.13	0.00	0.00 CMS
Runoff	0.00	0.00	32.82	124.16	134.84	363.88	206.12	94.91	10.13	1.86	1.11	0.01	969.84 MCM
Momentary Peak	267.75	CMS.	at 61.89 m. (MSL.)	at 15.00 Hours	on Sep 29, 2005								
Runoff Yield	4.25	Liters/Second/Square KM.		Momentary Peak Yield	37.018	Liters/Second/Square KM.							

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Lam Ta Phoen at Ban Thung Na Nang Rok , Kanchanaburi (K.12)

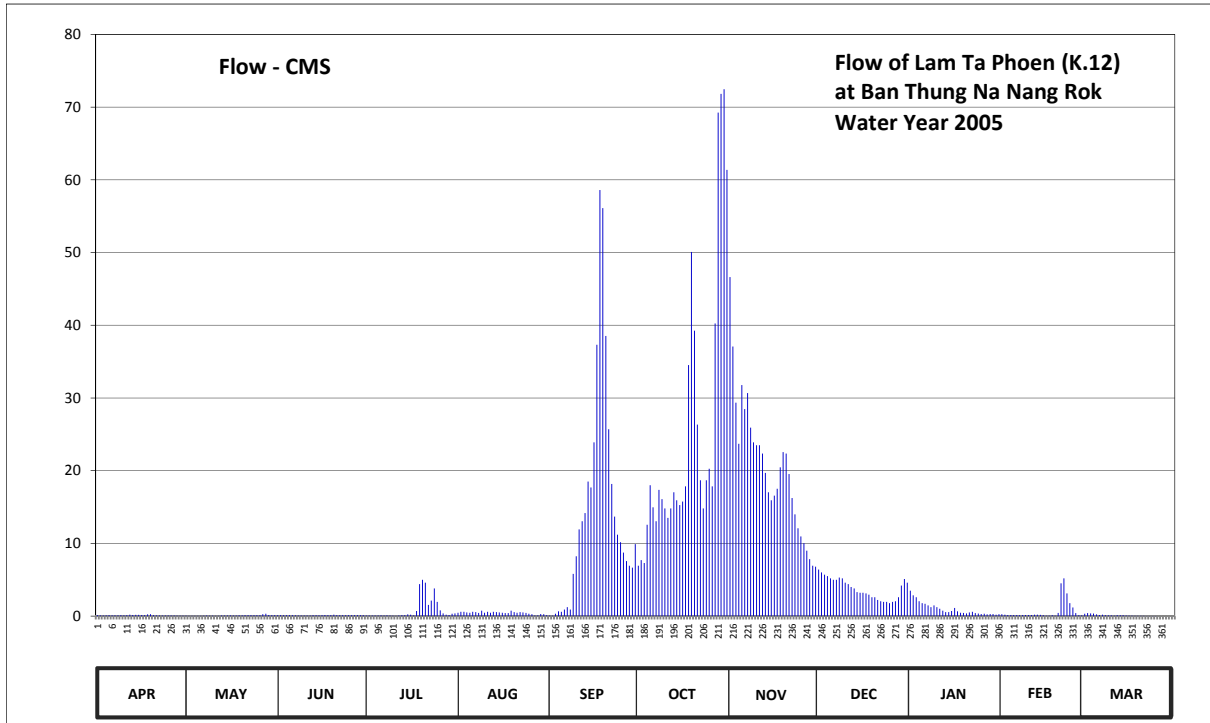
Lat 14 - 09 - 17 N Long 99 - 25 - 07 E

Location : on left bank about 50 meters downstream from Wat Thung Na Nang Rok.

	Ban Thung Na Nang Rok	Amphoe Mueang	Changwat Kanchanaburi
Drainage Area	2,375 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+40.437 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 6 meters from the top staff gage.	Elevation	+49.887 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1965 to date		
Rating Operation			
Period of Rating	1965 - 1968 , 1995 to date		
Rated by Flot	-		
Rated by Current Meter	1965 - 1968 , 1995 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.26	41.23	41.27	41.24	41.39	41.24	42.14	44.19	42.10	41.81	41.32	41.34	
2	41.25	41.22	41.27	41.24	41.42	41.23	42.20	43.82	42.06	41.74	41.30	41.37	
3	41.24	41.22	41.27	41.24	41.42	41.34	42.17	43.48	42.03	41.71	41.28	41.36	
4	41.25	41.22	41.27	41.24	41.40	41.43	42.56	43.21	42.01	41.65	41.28	41.35	
5	41.26	41.22	41.27	41.24	41.39	41.42	42.90	43.59	41.98	41.62	41.28	41.31	
6	41.25	41.22	41.27	41.25	41.42	41.48	42.71	43.44	41.96	41.61	41.28	41.28	
7	41.25	41.23	41.25	41.24	41.41	41.54	42.59	43.54	41.96	41.58	41.27	41.30	
8	41.25	41.24	41.24	41.25	41.38	41.48	42.86	43.32	41.99	41.54	41.28	41.26	
9	41.26	41.23	41.24	41.24	41.45	42.04	42.78	43.22	41.98	41.58	41.28	41.25	
10	41.25	41.23	41.24	41.23	41.39	42.24	42.70	43.20	41.92	41.54	41.28	41.25	
11	41.26	41.22	41.24	41.22	41.42	42.52	42.62	43.20	41.90	41.50	41.28	41.23	
12	41.30	41.22	41.24	41.24	41.39	42.59	42.70	43.14	41.86	41.45	41.30	41.26	
13	41.28	41.24	41.26	41.26	41.42	42.66	42.84	43.00	41.84	41.41	41.30	41.26	
14	41.29	41.24	41.26	41.26	41.41	42.93	42.77	42.84	41.79	41.41	41.29	41.27	
15	41.29	41.24	41.25	41.31	41.40	42.88	42.73	42.77	41.78	41.44	41.26	41.24	
16	41.28	41.25	41.26	41.30	41.39	43.22	42.76	42.81	41.78	41.52	41.23	41.23	
17	41.27	41.24	41.28	41.25	41.37	43.83	42.89	42.87	41.77	41.43	41.23	41.23	
18	41.31	41.24	41.26	41.44	41.37	44.59	43.71	43.04	41.75	41.39	41.26	41.22	
19	41.32	41.25	41.26	41.90	41.45	44.51	44.31	43.15	41.71	41.38	41.23	41.22	
20	41.27	41.25	41.30	41.96	41.41	43.88	43.91	43.14	41.71	41.36	41.38	41.22	
21	41.25	41.26	41.27	41.92	41.39	43.31	43.34	42.99	41.67	41.40	41.91	41.22	
22	41.24	41.27	41.26	41.59	41.41	42.91	42.94	42.79	41.65	41.42	41.98	41.21	
23	41.24	41.26	41.26	41.66	41.40	42.63	42.70	42.65	41.64	41.37	41.77	41.21	
24	41.24	41.26	41.26	41.84	41.38	42.47	42.94	42.53	41.64	41.35	41.62	41.21	
25	41.24	41.26	41.26	41.64	41.34	42.39	43.03	42.45	41.62	41.33	41.53	41.21	
26	41.24	41.26	41.26	41.46	41.32	42.28	42.89	42.38	41.64	41.34	41.37	41.20	
27	41.24	41.32	41.26	41.36	41.24	42.19	43.95	42.30	41.65	41.31	41.27	41.20	
28	41.23	41.34	41.26	41.30	41.25	42.14	44.93	42.21	41.71	41.33	41.25	41.19	
29	41.23	41.28	41.26	41.28	41.33	42.12	45.01	42.14	41.88	41.33		41.19	
30	41.23	41.27	41.26	41.34	41.32	42.37	45.03	42.13	41.97	41.30		41.19	
31		41.27		41.36	41.26		44.68		41.92	41.32		41.19	
Mean	41.26	41.25	41.26	41.40	41.38	42.46	43.17	42.98	41.83	41.47	41.37	41.25	
Max	41.32	41.34	41.30	41.96	41.45	44.59	45.03	44.19	42.10	41.81	41.98	41.37	45.03
Min	41.23	41.22	41.24	41.22	41.24	41.23	42.14	42.13	41.62	41.30	41.23	41.19	41.19
Annual Max Momentary Gage Height	45.27		m. (MSL.) ,				at 21.00 Hours ,						
Zero Gage at Bottom Elevation	40.44		m. (MSL.) ,			River Bed	41.00	m. (MSL.)					
Left Bank Elevation		46.53		m. (MSL.) ,									
Right Bank Elevation		46.55		m. (MSL.) ,		Drainage Are	2,375	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.12	0.06	0.14	0.08	0.47	0.08	6.92	46.63	6.40	3.50	0.26	0.32	
2	0.10	0.04	0.14	0.08	0.60	0.06	7.70	37.08	6.00	2.86	0.20	0.41	
3	0.08	0.04	0.14	0.08	0.60	0.32	7.31	29.36	5.70	2.59	0.16	0.38	
4	0.10	0.04	0.14	0.08	0.50	0.65	12.56	23.70	5.50	2.05	0.16	0.35	
5	0.12	0.04	0.14	0.08	0.47	0.60	18.00	31.78	5.20	1.78	0.16	0.23	
6	0.10	0.04	0.14	0.10	0.60	0.90	14.96	28.48	5.00	1.69	0.16	0.16	
7	0.10	0.06	0.10	0.08	0.55	1.24	13.04	30.68	5.00	1.48	0.14	0.20	
8	0.10	0.08	0.08	0.10	0.44	0.90	17.36	25.92	5.30	1.24	0.16	0.12	
9	0.12	0.06	0.08	0.08	0.75	5.80	16.08	23.90	5.20	1.48	0.16	0.10	
10	0.10	0.06	0.08	0.06	0.47	8.22	14.80	23.50	4.60	1.24	0.16	0.10	
11	0.12	0.04	0.08	0.04	0.60	11.92	13.52	23.50	4.40	1.00	0.16	0.06	
12	0.20	0.04	0.08	0.08	0.47	13.04	14.80	22.36	4.00	0.75	0.20	0.12	
13	0.16	0.08	0.12	0.12	0.60	14.16	17.04	19.70	3.80	0.55	0.20	0.12	
14	0.18	0.08	0.12	0.12	0.55	18.51	15.92	17.04	3.31	0.55	0.18	0.14	
15	0.18	0.08	0.10	0.23	0.50	17.68	15.28	15.92	3.22	0.70	0.12	0.08	
16	0.16	0.10	0.12	0.20	0.47	23.90	15.76	16.56	3.22	1.12	0.06	0.06	
17	0.14	0.08	0.16	0.10	0.41	37.32	17.84	17.52	3.13	0.65	0.06	0.06	
18	0.23	0.08	0.12	0.70	0.41	58.59	34.53	20.46	2.95	0.47	0.12	0.04	
19	0.26	0.10	0.12	4.40	0.75	56.11	50.09	22.55	2.59	0.44	0.06	0.04	
20	0.14	0.10	0.20	5.00	0.55	38.52	39.25	22.36	2.59	0.38	0.44	0.04	
21	0.10	0.12	0.14	4.60	0.47	25.71	26.34	19.53	2.23	0.50	4.50	0.04	
22	0.08	0.14	0.12	1.54	0.55	18.17	18.68	16.24	2.05	0.60	5.20	0.02	
23	0.08	0.12	0.12	2.14	0.50	13.68	14.80	14.00	1.96	0.41	3.13	0.02	
24	0.08	0.12	0.12	3.80	0.44	11.21	18.68	12.08	1.96	0.35	1.78	0.02	
25	0.08	0.12	0.12	1.96	0.32	10.17	20.27	10.95	1.78	0.29	1.18	0.02	
26	0.08	0.12	0.12	0.80	0.26	8.74	17.84	10.04	1.96	0.32	0.41	0.00	
27	0.08	0.26	0.12	0.38	0.08	7.57	40.25	9.00	2.05	0.23	0.14	0.00	
28	0.06	0.32	0.12	0.20	0.10	6.92	69.26	7.83	2.59	0.29	0.10	0.00	
29	0.06	0.16	0.12	0.16	0.29	6.66	71.82	6.92	4.20	0.29	0.00	0.00	
30	0.06	0.14	0.12	0.32	0.26	9.91	72.46	6.79	5.10	0.20	0.00	0.00	
31		0.14		0.38	0.12		61.38		4.60	0.26		0.00	
Total	3.57	3.06	3.62	28.09	14.15	427.26	794.54	612.38	117.59	30.26	19.76	3.25	2057.53 CMSDAY
Mean	0.12	0.10	0.12	0.91	0.46	14.24	25.63	20.41	3.79	0.98	0.71	0.10	5.64 CMS
Max	0.26	0.32	0.20	5.00	0.75	58.59	72.46	46.63	6.40	3.50	5.20	0.41	72.46 CMS
Min	0.06	0.04	0.08	0.04	0.08	0.06	6.92	6.79	1.78	0.20	0.06	0.00	0.00 CMS
Runoff	0.31	0.26	0.31	2.43	1.22	36.92	68.65	52.91	10.16	2.61	1.71	0.28	177.77 MCM
Momentary Peak	80.31 CMS. at 45.27 m. (MSL.) at 21.00 Hours , on Oct 28, 2005												
Runoff Yield	2.37 Liters/Second/Square KM.			Momentary Peak Yield 33.815 Liters/Second/Square KM.									

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Lam Phachi at Ban Bo , Ratchaburi (K.17)

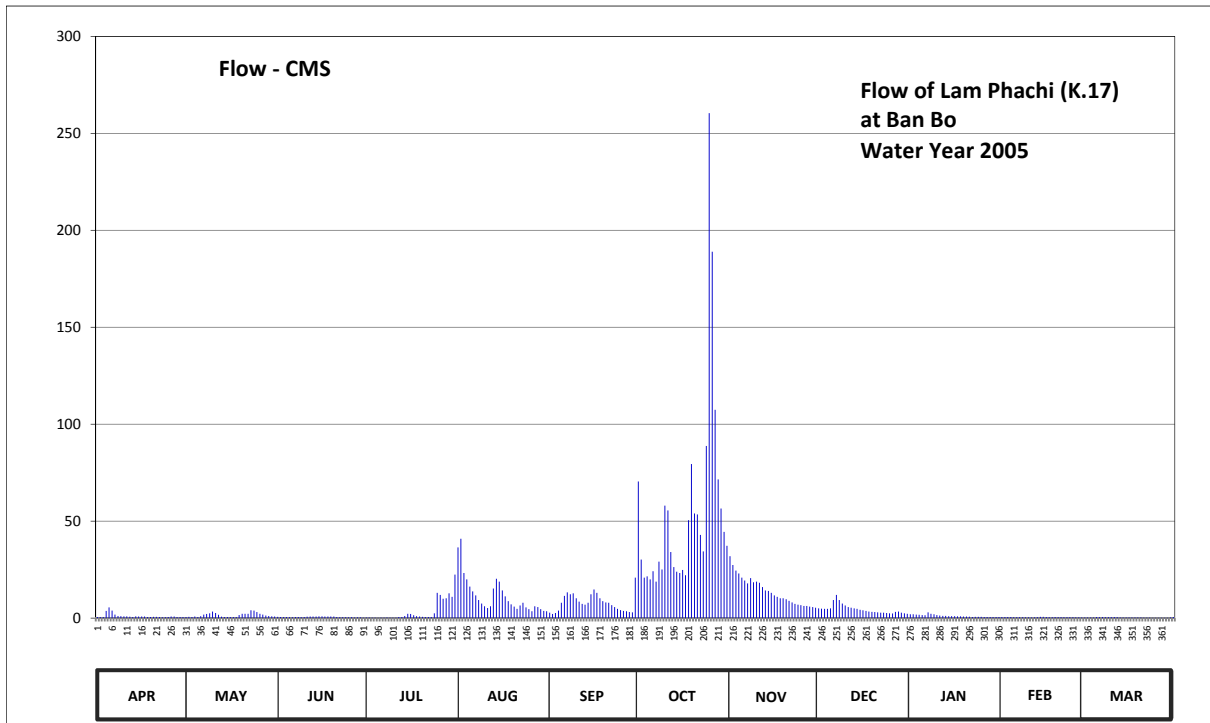
Lat 13 - 32 - 31 N Long 99 - 21 - 24 E

Location : on left bank oppositeto the 'Sai Ngam' fronter police station.

	Ban Bo	Amphoe Suan Phung	Changwat Ratchaburi
Drainage Area	1,344 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+97.460 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Along the measuring line.	Elevation	+109.256 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1966 to date		
Rating Operation			
Period of Rating	1966 - 1988 , 1993 to date		
Rated by Flot	-		
Rated by Current Meter	1966 - 1988 , 1993 to date		
Stability of Channel Regimes	Unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 150 discharge measurements made in 2015.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	97.69	97.68	97.71	97.60	99.20	97.92	99.92	99.07	98.07	97.86	97.68	97.61	
2	97.70	97.71	97.69	97.60	99.31	97.87	99.02	98.94	98.06	97.86	97.68	97.60	
3	97.68	97.69	97.69	97.59	98.81	97.91	98.73	98.85	98.05	97.85	97.68	97.61	
4	97.98	97.73	97.69	97.57	98.70	97.99	98.75	98.80	98.05	97.84	97.68	97.60	
5	98.10	97.68	97.67	97.56	98.57	98.22	98.70	98.73	98.07	97.83	97.67	97.68	
6	97.99	97.77	97.65	97.57	98.47	98.38	98.84	98.68	98.29	97.82	97.67	97.67	
7	97.85	97.85	97.68	97.58	98.39	98.45	98.66	98.63	98.40	97.93	97.66	97.68	
8	97.78	97.87	97.68	97.62	98.29	98.41	98.99	98.72	98.29	97.88	97.65	97.66	
9	97.76	97.90	97.67	97.59	98.20	98.43	98.87	98.65	98.20	97.86	97.63	97.65	
10	97.75	97.96	97.68	97.59	98.13	98.33	99.67	98.66	98.15	97.83	97.64	97.65	
11	97.75	97.91	97.72	97.59	98.08	98.25	99.62	98.64	98.11	97.81	97.61	97.68	
12	97.72	97.84	97.73	97.69	98.13	98.19	99.13	98.56	98.09	97.79	97.63	97.65	
13	97.70	97.72	97.73	97.68	98.53	98.17	98.91	98.49	98.07	97.79	97.66	97.62	
14	97.75	97.68	97.73	97.78	98.71	98.22	98.83	98.48	98.05	97.77	97.71	97.61	
15	97.74	97.68	97.75	97.88	98.66	98.41	98.81	98.44	98.02	97.77	97.71	97.60	
16	97.74	97.69	97.75	97.87	98.49	98.51	98.86	98.39	98.00	97.76	97.68	97.60	
17	97.74	97.68	97.73	97.82	98.37	98.44	98.77	98.36	97.98	97.75	97.67	97.62	
18	97.70	97.70	97.73	97.76	98.26	98.33	99.52	98.33	97.96	97.75	97.67	97.61	
19	97.69	97.83	97.74	97.73	98.18	98.26	100.09	98.33	97.95	97.74	97.70	97.61	
20	97.71	97.88	97.74	97.71	98.12	98.23	99.59	98.31	97.94	97.73	97.67	97.61	
21	97.71	97.88	97.70	97.69	98.05	98.22	99.58	98.27	97.93	97.72	97.67	97.58	
22	97.69	97.88	97.67	97.69	98.15	98.16	99.36	98.23	97.92	97.70	97.65	97.57	
23	97.66	98.00	97.66	97.70	98.22	98.11	99.14	98.19	97.92	97.71	97.65	97.57	
24	97.66	97.99	97.65	97.90	98.10	98.05	100.24	98.17	97.91	97.71	97.67	97.56	
25	97.69	97.94	97.64	98.44	98.04	98.01	101.84	98.16	97.90	97.71	97.66	97.55	
26	97.73	97.88	97.66	98.40	97.97	97.98	101.32	98.14	97.89	97.70	97.63	97.55	
27	97.73	97.85	97.62	98.32	98.13	97.97	100.48	98.14	97.95	97.69	97.64	97.56	
28	97.68	97.81	97.63	98.33	98.11	97.94	99.94	98.12	97.96	97.70	97.61	97.54	
29	97.69	97.78	97.63	98.43	98.04	97.93	99.64	98.11	97.92	97.69	97.69	97.55	
30	97.68	97.75	97.59	98.36	97.98	98.73	99.40	98.09	97.90	97.69	97.69	97.62	
31		97.73		98.78	97.97		99.22		97.88	97.68		97.69	
Mean	97.75	97.80	97.69	97.85	98.33	98.20	99.43	98.46	98.03	97.77	97.66	97.61	
Max	98.10	98.00	97.75	98.78	99.31	98.73	101.84	99.07	98.40	97.93	97.71	97.69	101.84
Min	97.66	97.68	97.59	97.56	97.97	97.87	98.66	98.09	97.88	97.68	97.61	97.54	97.54
Annual Max Momentary Gage Height	102.33		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation		97.46	m. (MSL.) ,			River Bed	97.25	m. (MSL.)					
Left Bank Elevation		103.57	m. (MSL.) ,										
Right Bank Elevation		103.50	m. (MSL.) ,		Drainage Are	1,344	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.57	0.54	0.66	0.30	36.50	2.80	70.50	31.95	5.05	1.98	0.54	0.33	
2	0.60	0.66	0.57	0.30	40.90	2.11	30.20	27.40	4.90	1.98	0.54	0.30	
3	0.54	0.57	0.57	0.27	23.30	2.65	20.90	24.50	4.75	1.85	0.54	0.33	
4	3.70	0.78	0.57	0.21	20.00	3.85	21.50	23.00	4.75	1.72	0.54	0.30	
5	5.50	0.54	0.51	0.18	16.25	7.90	20.00	20.90	5.05	1.59	0.51	0.54	
6	3.85	1.02	0.45	0.21	13.75	11.50	24.20	19.40	9.30	1.46	0.51	0.51	
7	1.85	1.85	0.54	0.24	11.75	13.25	18.80	17.90	12.00	2.95	0.48	0.54	
8	1.08	2.11	0.54	0.36	9.30	12.25	29.15	20.60	9.30	2.24	0.45	0.48	
9	0.96	2.50	0.51	0.27	7.50	12.75	25.10	18.50	7.50	1.98	0.39	0.45	
10	0.90	3.40	0.54	0.27	6.10	10.25	58.00	18.80	6.50	1.59	0.42	0.45	
11	0.90	2.65	0.72	0.27	5.20	8.50	55.50	18.20	5.70	1.33	0.33	0.54	
12	0.72	1.72	0.78	0.57	6.10	7.30	34.05	16.00	5.35	1.14	0.39	0.45	
13	0.60	0.72	0.78	0.54	15.25	6.90	26.35	14.25	5.05	1.14	0.48	0.36	
14	0.90	0.54	0.78	1.08	20.30	7.90	23.90	14.00	4.75	1.02	0.66	0.33	
15	0.84	0.54	0.90	2.24	18.80	12.25	23.30	13.00	4.30	1.02	0.66	0.30	
16	0.84	0.57	0.90	2.11	14.25	14.75	24.80	11.75	4.00	0.96	0.54	0.30	
17	0.84	0.54	0.78	1.46	11.25	13.00	22.10	11.00	3.70	0.90	0.51	0.36	
18	0.60	0.60	0.78	0.96	8.70	10.25	50.50	10.25	3.40	0.90	0.51	0.33	
19	0.57	1.59	0.84	0.78	7.10	8.70	79.45	10.25	3.25	0.84	0.60	0.33	
20	0.66	2.24	0.84	0.66	5.90	8.10	54.00	9.75	3.10	0.78	0.51	0.33	
21	0.66	2.24	0.60	0.57	4.75	7.90	53.50	8.90	2.95	0.72	0.51	0.24	
22	0.57	2.24	0.51	0.57	6.50	6.70	42.90	8.10	2.80	0.60	0.45	0.21	
23	0.48	4.00	0.48	0.60	7.90	5.70	34.40	7.30	2.80	0.66	0.45	0.21	
24	0.48	3.85	0.45	2.50	5.50	4.75	88.80	6.90	2.65	0.66	0.51	0.18	
25	0.57	3.10	0.42	13.00	4.60	4.15	260.40	6.70	2.50	0.66	0.48	0.15	
26	0.78	2.24	0.48	12.00	3.55	3.70	188.93	6.30	2.37	0.60	0.39	0.15	
27	0.78	1.85	0.36	10.00	6.10	3.55	107.40	6.30	3.25	0.57	0.42	0.18	
28	0.54	1.33	0.39	10.25	5.70	3.10	71.50	5.90	3.40	0.60	0.33	0.12	
29	0.57	1.08	0.39	12.75	4.60	2.95	56.50	5.70	2.80	0.57		0.15	
30	0.54	0.90	0.27	11.00	3.70	20.90	44.50	5.35	2.50	0.57		0.36	
31		0.78		22.40	3.55		37.30		2.24	0.54		0.57	
Total	32.99	49.29	17.91	108.92	354.65	240.36	1698.43	418.85	141.96	36.12	13.65	10.38	3123.51 CMSDAY
Mean	1.10	1.59	0.60	3.51	11.44	8.01	54.79	13.96	4.58	1.17	0.49	0.33	8.56 CMS
Max	5.50	4.00	0.90	22.40	40.90	20.90	260.40	31.95	12.00	2.95	0.66	0.57	260.40 CMS
Min	0.48	0.54	0.27	0.18	3.55	2.11	18.80	5.35	2.24	0.54	0.33	0.12	0.12 CMS
Runoff	2.85	4.26	1.55	9.41	30.64	20.77	146.74	36.19	12.27	3.12	1.18	0.90	269.87 MCM
Momentary Peak	343.40	CMS.	at 102.33 m. (MSL.)	at 18.00 Hours	on Oct 25, 2005								
Runoff Yield	6.37	Liters/Second/Square KM.		Momentary Peak Yield	255.506	Liters/Second/Square KM.							

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Mae Nam Noi at Ban Sai Yok, Kanchanaburi (K.22B)

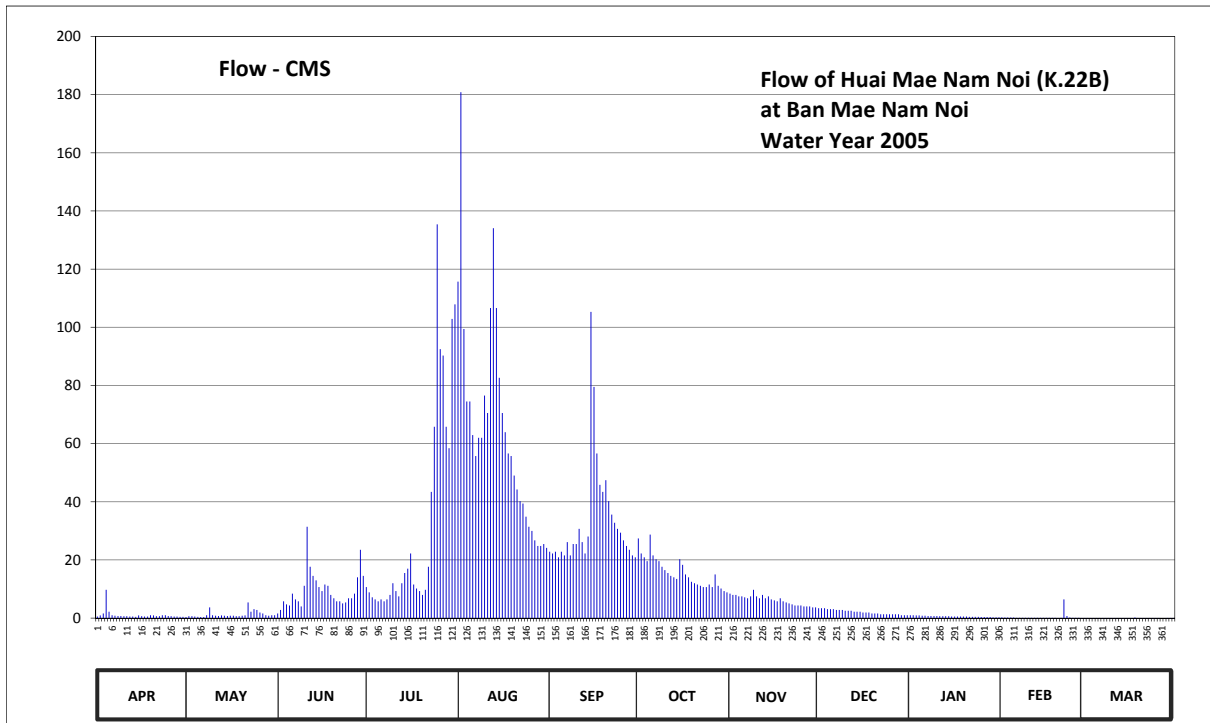
Lat 14 - 26 - 59 N Long 98 - 48 - 08 E

Location : on right bank about 640 meters upstream from station K.22A

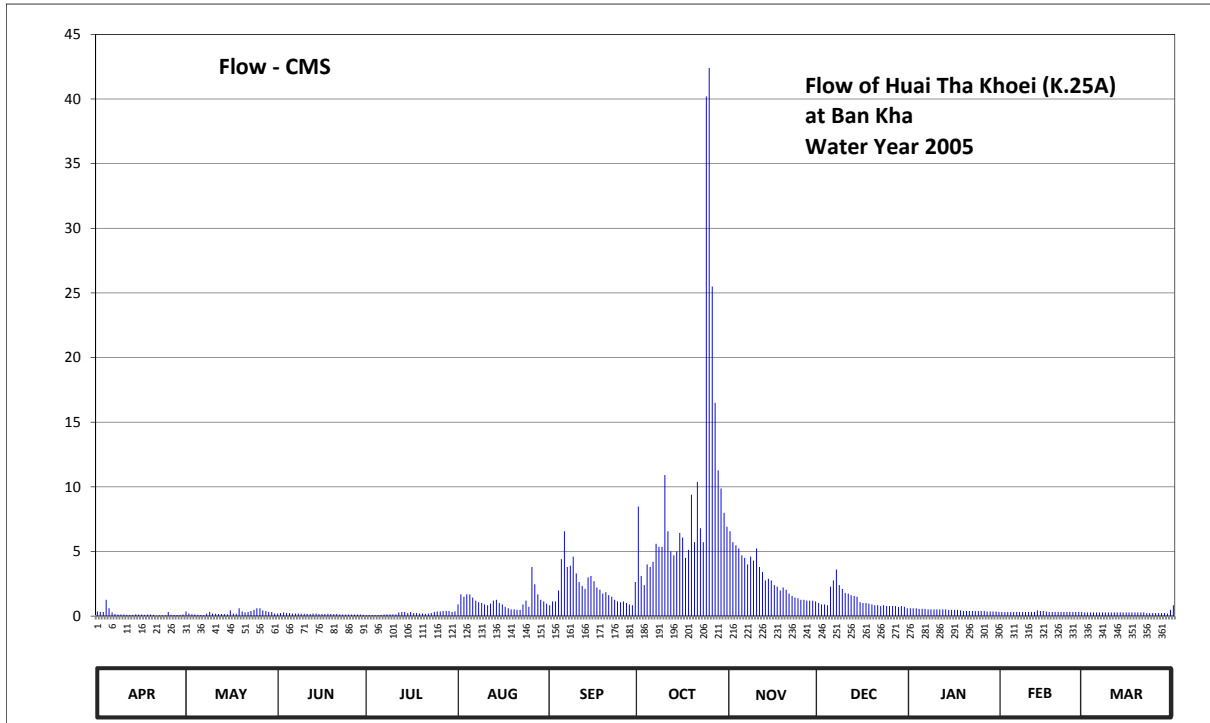
	Ban Sai Yok	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	311 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+67.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 10 meters from the top staff gage.	Elevation	+73.578 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1989 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 65 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	68.35	68.33	68.42	68.67	69.89	68.89	68.96	68.62	68.48	68.40	68.32	68.27	
2	68.39	68.36	68.46	68.63	70.37	68.88	68.88	68.61	68.48	68.40	68.31	68.26	
3	68.42	68.36	68.55	68.59	69.76	68.89	68.86	68.61	68.48	68.39	68.31	68.26	
4	68.65	68.35	68.52	68.57	69.53	68.86	68.84	68.60	68.47	68.39	68.31	68.26	
5	68.44	68.34	68.51	68.55	69.53	68.89	68.98	68.60	68.47	68.38	68.31	68.26	
6	68.40	68.33	68.62	68.57	69.41	68.87	68.87	68.59	68.47	68.38	68.30	68.26	
7	68.38	68.33	68.57	68.55	69.33	68.94	68.85	68.58	68.46	68.37	68.30	68.26	
8	68.37	68.40	68.55	68.57	69.40	68.87	68.84	68.60	68.46	68.37	68.30	68.26	
9	68.37	68.49	68.50	68.61	69.40	68.93	68.81	68.65	68.46	68.37	68.30	68.25	
10	68.36	68.40	68.68	68.70	69.55	68.93	68.79	68.60	68.45	68.37	68.29	68.25	
11	68.36	68.38	69.02	68.64	69.49	69.01	68.77	68.58	68.45	68.36	68.29	68.25	
12	68.35	68.37	68.81	68.60	69.82	68.94	68.75	68.61	68.45	68.36	68.30	68.24	
13	68.35	68.39	68.75	68.70	70.03	68.88	68.74	68.58	68.44	68.36	68.30	68.24	
14	68.34	68.38	68.72	68.77	69.82	68.97	68.73	68.60	68.44	68.36	68.29	68.24	
15	68.39	68.37	68.67	68.80	69.61	69.81	68.85	68.57	68.44	68.35	68.29	68.23	
16	68.36	68.38	68.64	68.88	69.49	69.58	68.82	68.56	68.43	68.35	68.29	68.23	
17	68.35	68.38	68.69	68.69	69.42	69.34	68.76	68.55	68.43	68.35	68.28	68.25	
18	68.35	68.36	68.68	68.66	69.34	69.21	68.74	68.58	68.43	68.35	68.28	68.31	
19	68.40	68.36	68.61	68.64	69.33	69.18	68.71	68.55	68.42	68.35	68.28	68.25	
20	68.39	68.38	68.58	68.61	69.25	69.23	68.70	68.54	68.42	68.35	68.27	68.24	
21	68.36	68.39	68.55	68.65	69.19	69.14	68.69	68.53	68.42	68.34	68.30	68.26	
22	68.36	68.54	68.55	68.81	69.14	69.08	68.68	68.52	68.41	68.34	68.57	68.25	
23	68.40	68.44	68.53	69.18	69.13	69.04	68.67	68.51	68.41	68.34	68.37	68.24	
24	68.40	68.47	68.54	69.44	69.07	69.01	68.67	68.51	68.41	68.34	68.31	68.23	
25	68.37	68.46	68.58	70.04	69.02	68.99	68.69	68.51	68.41	68.33	68.30	68.23	
26	68.36	68.43	68.58	69.70	69.00	68.95	68.67	68.50	68.41	68.33	68.29	68.23	
27	68.35	68.42	68.62	69.68	68.95	68.92	68.76	68.50	68.41	68.33	68.28	68.22	
28	68.35	68.40	68.74	69.44	68.92	68.90	68.68	68.50	68.41	68.33	68.27	68.22	
29	68.34	68.38	68.90	69.36	68.92	68.87	68.66	68.49	68.40	68.32		68.26	
30	68.34	68.40	68.75	69.79	68.93	68.86	68.64	68.49	68.40	68.32		68.25	
31		68.40		69.83	68.91		68.63		68.40	68.32		68.24	
Mean	68.38	68.39	68.63	68.93	69.39	69.03	68.76	68.56	68.44	68.35	68.31	68.25	
Max	68.65	68.54	69.02	70.04	70.37	69.81	68.98	68.65	68.48	68.40	68.57	68.31	70.37
Min	68.34	68.33	68.42	68.55	68.91	68.86	68.63	68.49	68.40	68.32	68.27	68.22	68.22
Annual Max Momentary Gage Height	70.74		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	67.00		m. (MSL.) ,				River Bed 66.76		m. (MSL.)				
Left Bank Elevation		75.94		m. (MSL.) ,									
Right Bank Elevation		73.20		m. (MSL.) ,			Drainage Are 311		Square Kilometers				



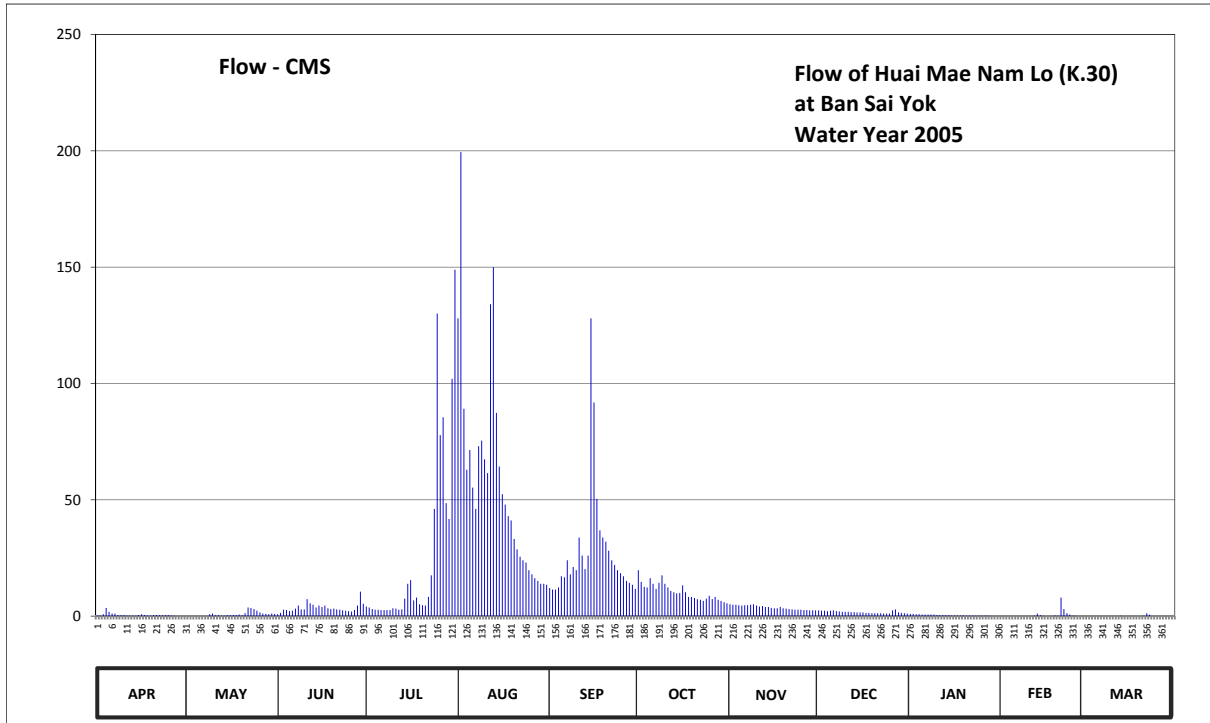
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.55	0.37	1.60	10.65	115.70	22.85	27.40	8.40	3.40	1.00	0.28	0.07	
2	0.91	0.64	2.80	8.85	180.80	22.20	22.20	7.95	3.40	1.00	0.19	0.06	
3	1.60	0.64	5.75	7.15	99.40	22.85	20.90	7.95	3.40	0.91	0.19	0.06	
4	9.75	0.55	4.70	6.45	74.50	20.90	19.60	7.50	3.10	0.91	0.19	0.06	
5	2.20	0.46	4.35	5.75	74.50	22.85	28.70	7.50	3.10	0.82	0.19	0.06	
6	1.00	0.37	8.40	6.45	62.95	21.55	21.55	7.15	3.10	0.82	0.10	0.06	
7	0.82	0.37	6.45	5.75	55.70	26.10	20.25	6.80	2.80	0.73	0.10	0.06	
8	0.73	1.00	5.75	6.45	62.00	21.55	19.60	7.50	2.80	0.73	0.10	0.06	
9	0.73	3.70	4.00	7.95	62.00	25.45	17.65	9.75	2.80	0.73	0.10	0.05	
10	0.64	1.00	11.10	12.00	76.50	25.45	16.50	7.50	2.50	0.73	0.09	0.05	
11	0.64	0.82	31.40	9.30	70.55	30.70	15.50	6.80	2.50	0.64	0.09	0.05	
12	0.55	0.73	17.65	7.50	106.60	26.10	14.50	7.95	2.50	0.64	0.10	0.04	
13	0.55	0.91	14.50	12.00	134.05	22.20	14.00	6.80	2.20	0.64	0.10	0.04	
14	0.46	0.82	13.00	15.50	106.60	28.05	13.50	7.50	2.20	0.64	0.09	0.04	
15	0.91	0.73	10.65	17.00	82.60	105.30	20.25	6.45	2.20	0.55	0.09	0.03	
16	0.64	0.82	9.30	22.20	70.55	79.50	18.30	6.10	1.90	0.55	0.09	0.03	
17	0.55	0.82	11.55	11.55	63.90	56.60	15.00	5.75	1.90	0.55	0.08	0.05	
18	0.55	0.64	11.10	10.20	56.60	45.80	14.00	6.80	1.90	0.55	0.08	0.19	
19	1.00	0.64	7.95	9.30	55.70	43.40	12.50	5.75	1.60	0.55	0.08	0.05	
20	0.91	0.82	6.80	7.95	49.00	47.40	12.00	5.40	1.60	0.55	0.07	0.04	
21	0.64	0.91	5.75	9.75	44.20	40.20	11.55	5.05	1.60	0.46	0.10	0.06	
22	0.64	5.40	5.75	17.65	40.20	35.60	11.10	4.70	1.30	0.46	6.45	0.05	
23	1.00	2.20	5.05	43.40	39.40	32.80	10.65	4.35	1.30	0.46	0.73	0.04	
24	1.00	3.10	5.40	65.80	34.90	30.70	10.65	4.35	1.30	0.46	0.19	0.03	
25	0.73	2.80	6.80	135.40	31.40	29.35	11.55	4.35	1.30	0.37	0.10	0.03	
26	0.64	1.90	6.80	92.50	30.00	26.75	10.65	4.00	1.30	0.37	0.09	0.03	
27	0.55	1.60	8.40	90.30	26.75	24.80	15.00	4.00	1.30	0.37	0.08	0.02	
28	0.55	1.00	14.00	65.80	24.80	23.50	11.10	4.00	1.30	0.37	0.07	0.02	
29	0.46	0.82	23.50	58.40	24.80	21.55	10.20	3.70	1.00	0.28		0.06	
30	0.46	1.00	14.50	102.85	25.45	20.90	9.30	3.70	1.00	0.28		0.05	
31		1.00		107.90	24.15		8.85		1.00	0.28		0.04	
Total	32.36	38.58	284.75	989.70	2006.25	1002.95	484.50	185.50	64.60	18.40	10.21	1.58	5119.38 CMSDAY
Mean	1.08	1.24	9.49	31.93	64.72	33.43	15.63	6.18	2.08	0.59	0.36	0.05	14.03 CMS
Max	9.75	5.40	31.40	135.40	180.80	105.30	28.70	9.75	3.40	1.00	6.45	0.19	180.80 CMS
Min	0.46	0.37	1.60	5.75	24.15	20.90	8.85	3.70	1.00	0.28	0.07	0.02	0.02 CMS
Runoff	2.80	3.33	24.60	85.51	173.34	86.66	41.86	16.03	5.58	1.59	0.88	0.14	442.31 MCM
Momentary Peak	238.80 CMS. at 70.74 m. (MSL.) at 06:00 Hours , on Jul 25, 2005												
Runoff Yield	45.10 Liters/Second/Square KM. Momentary Peak Yield 767.846 Liters/Second/Square KM.												



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.36	0.36	0.20	0.06	0.90	0.84	8.48	6.56	1.02	0.60	0.32	0.28	
2	0.32	0.20	0.24	0.08	1.68	1.14	3.10	5.72	0.90	0.60	0.32	0.28	
3	0.32	0.14	0.28	0.08	1.50	1.14	2.40	5.48	0.90	0.60	0.32	0.28	
4	1.26	0.12	0.24	0.08	1.68	1.98	4.00	5.24	0.84	0.56	0.32	0.28	
5	0.60	0.10	0.24	0.08	1.68	4.40	3.80	4.70	2.28	0.56	0.32	0.28	
6	0.28	0.08	0.20	0.10	1.44	6.56	4.20	4.50	2.76	0.56	0.32	0.28	
7	0.16	0.06	0.20	0.12	1.20	3.80	5.60	4.00	3.60	0.52	0.32	0.28	
8	0.12	0.18	0.20	0.14	1.08	3.90	5.36	4.60	2.40	0.52	0.32	0.28	
9	0.12	0.32	0.18	0.14	1.02	4.60	5.36	4.30	2.10	0.52	0.32	0.28	
10	0.12	0.20	0.18	0.14	0.90	3.30	10.92	5.24	1.80	0.52	0.32	0.28	
11	0.10	0.18	0.18	0.14	0.84	2.64	6.56	3.80	1.74	0.52	0.32	0.28	
12	0.10	0.16	0.16	0.28	0.96	2.34	5.00	3.40	1.62	0.52	0.32	0.28	
13	0.10	0.16	0.20	0.32	1.20	2.10	4.70	2.76	1.56	0.52	0.44	0.28	
14	0.14	0.16	0.20	0.32	1.26	3.00	5.00	2.88	1.50	0.48	0.40	0.28	
15	0.12	0.14	0.16	0.24	1.02	3.10	6.44	2.76	1.08	0.48	0.40	0.28	
16	0.12	0.44	0.16	0.32	0.90	2.70	6.08	2.40	1.02	0.48	0.36	0.28	
17	0.10	0.20	0.16	0.24	0.72	2.22	4.50	2.28	1.02	0.48	0.32	0.28	
18	0.12	0.18	0.18	0.24	0.60	2.04	5.12	1.98	0.96	0.44	0.32	0.28	
19	0.12	0.60	0.16	0.20	0.52	1.74	9.40	2.22	0.90	0.40	0.32	0.28	
20	0.10	0.36	0.16	0.20	0.52	1.86	5.72	2.04	0.84	0.40	0.32	0.28	
21	0.04	0.28	0.16	0.18	0.48	1.62	10.38	1.74	0.84	0.40	0.32	0.28	
22	0.06	0.32	0.14	0.20	0.48	1.50	6.80	1.56	0.78	0.40	0.32	0.24	
23	0.06	0.40	0.12	0.24	0.90	1.26	5.72	1.44	0.84	0.40	0.32	0.24	
24	0.06	0.48	0.12	0.32	1.20	1.14	40.20	1.38	0.78	0.40	0.32	0.24	
25	0.32	0.60	0.12	0.36	0.72	1.08	42.40	1.26	0.78	0.40	0.32	0.24	
26	0.10	0.60	0.12	0.36	3.80	1.14	25.50	1.26	0.78	0.40	0.32	0.24	
27	0.08	0.44	0.12	0.40	2.46	1.02	16.50	1.20	0.78	0.36	0.32	0.24	
28	0.08	0.40	0.12	0.40	1.68	0.90	11.28	1.20	0.72	0.36	0.32	0.24	
29	0.08	0.32	0.12	0.40	1.26	0.84	9.88	1.20	0.78	0.36	0.20	0.20	
30	0.12	0.32	0.10	0.32	1.14	2.64	8.00	1.14	0.72	0.36	0.20	0.48	
31		0.20		0.36	0.96		6.92		0.60	0.32		0.84	
Total	5.78	8.70	5.12	7.06	36.70	68.54	295.32	90.24	39.24	14.44	9.28	9.08	589.50 CMSDAY
Mean	0.19	0.28	0.17	0.23	1.18	2.28	9.53	3.01	1.27	0.47	0.33	0.29	1.62 CMS
Max	1.26	0.60	0.28	0.40	3.80	6.56	42.40	6.56	3.60	0.60	0.44	0.84	42.40 CMS
Min	0.04	0.06	0.10	0.06	0.48	0.84	2.40	1.14	0.60	0.32	0.32	0.20	0.04 CMS
Runoff	0.50	0.75	0.44	0.61	3.17	5.92	25.52	7.80	3.39	1.25	0.80	0.79	50.93 MCM
Momentary Peak	60.00	CMS. at 3.15 m. (A.D.) at 15.00 Hours , on Oct 24, 2005											
Runoff Yield	4.40	Liters/Second/Square KM. Momentary Peak Yield 163.488 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.00	0.80	4.10	128.00	12.00	19.75	5.10	2.45	0.95	0.00	0.00	
2	0.30	0.00	1.40	3.70	199.40	11.40	14.70	4.90	2.30	0.95	0.00	0.00	
3	0.80	0.00	2.75	3.05	89.10	11.40	12.60	4.90	2.30	0.80	0.00	0.00	
4	3.50	0.00	2.60	2.75	62.90	12.30	12.30	4.70	2.15	0.80	0.00	0.00	
5	1.85	0.00	2.15	2.75	71.40	17.10	16.30	4.50	2.30	0.65	0.00	0.00	
6	1.10	0.00	2.30	2.60	55.20	16.70	13.90	4.70	2.45	0.65	0.00	0.00	
7	1.10	0.00	3.20	2.60	46.07	24.00	11.70	4.70	2.15	0.65	0.00	0.00	
8	0.50	0.00	4.50	2.60	73.00	17.95	14.30	4.90	2.00	0.65	0.00	0.00	
9	0.40	0.80	2.90	2.60	75.40	21.10	17.50	5.10	1.85	0.65	0.00	0.00	
10	0.40	1.10	2.90	3.35	67.40	19.75	13.90	4.50	1.85	0.50	0.00	0.00	
11	0.30	0.40	7.25	3.20	61.50	33.73	12.30	4.10	1.85	0.40	0.00	0.00	
12	0.20	0.40	5.50	2.75	134.00	26.00	10.80	4.30	1.70	0.40	0.20	0.00	
13	0.20	0.20	4.90	2.90	150.00	20.20	10.25	3.90	1.70	0.40	1.10	0.20	
14	0.20	0.20	3.70	7.50	87.30	26.00	9.75	3.90	1.55	0.40	0.40	0.00	
15	0.50	0.40	4.50	13.90	64.30	128.00	10.00	3.50	1.55	0.30	0.10	0.00	
16	0.80	0.40	3.90	15.50	52.40	91.80	13.20	3.35	1.55	0.30	0.00	0.00	
17	0.50	0.50	4.50	6.75	47.92	50.38	10.25	3.35	1.40	0.30	0.00	0.00	
18	0.30	0.50	3.35	8.00	42.98	36.82	8.25	3.90	1.40	0.30	0.00	0.00	
19	0.20	0.65	3.05	5.10	41.13	33.73	8.25	3.35	1.25	0.30	0.30	0.00	
20	0.40	0.40	3.20	4.70	33.12	31.95	7.75	3.20	1.25	0.20	0.10	0.00	
21	0.50	1.25	2.90	4.50	28.65	28.10	7.25	3.05	1.25	0.20	8.00	0.20	
22	0.40	3.70	2.75	8.25	25.50	24.00	7.00	2.90	1.25	0.20	3.05	1.25	
23	0.40	3.50	2.45	17.50	24.00	22.00	6.50	2.75	1.10	0.20	1.25	0.65	
24	0.40	3.05	2.30	46.07	23.00	19.75	7.50	2.75	1.10	0.20	0.65	0.00	
25	0.50	2.30	2.15	130.00	19.75	18.40	8.75	2.75	1.10	0.20	0.20	0.00	
26	0.30	1.55	2.00	77.80	17.95	17.10	7.25	2.60	2.45	0.20	0.10	0.00	
27	0.20	1.10	2.60	85.50	16.30	15.10	8.25	2.60	2.90	0.20	0.00	0.00	
28	0.00	0.95	4.50	48.53	15.10	14.30	7.00	2.45	1.55	0.10	0.00	0.00	
29	0.00	0.80	10.50	41.75	13.90	13.50	6.50	2.45	1.40	0.00	0.00	0.00	
30	0.00	1.10	5.30	102.00	13.90	11.70	6.00	2.45	1.25	0.00	0.00	0.00	
31		0.95		148.90	13.50		5.50		1.10	0.00		0.00	
Total	16.55	26.20	106.80	811.20	1794.07	826.26	325.25	111.60	53.45	12.05	15.45	2.30	4101.18 CMSDAY
Mean	0.55	0.85	3.56	26.17	57.87	27.54	10.49	3.72	1.72	0.39	0.55	0.07	11.24 CMS
Max	3.50	3.70	10.50	148.90	199.40	128.00	19.75	5.10	2.90	0.95	8.00	1.25	199.40 CMS
Min	0.00	0.00	0.80	2.60	13.50	11.40	5.50	2.45	1.10	0.00	0.00	0.00	0.00 CMS
Runoff	1.43	2.26	9.23	70.09	155.01	71.39	28.10	9.64	4.62	1.04	1.34	0.20	354.34 MCM
Momentary Peak	243.50 CMS. at 71.51 m. (MSL.) at 15.00 Hours , on Aug 2, 2005												
Runoff Yield	24.11 Liters/Second/Square KM.			Momentary Peak Yield			522.532 Liters/Second/Square KM.						

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Mae Nam Noi at Ban Nam Chon , Kanchanaburi (K.31)

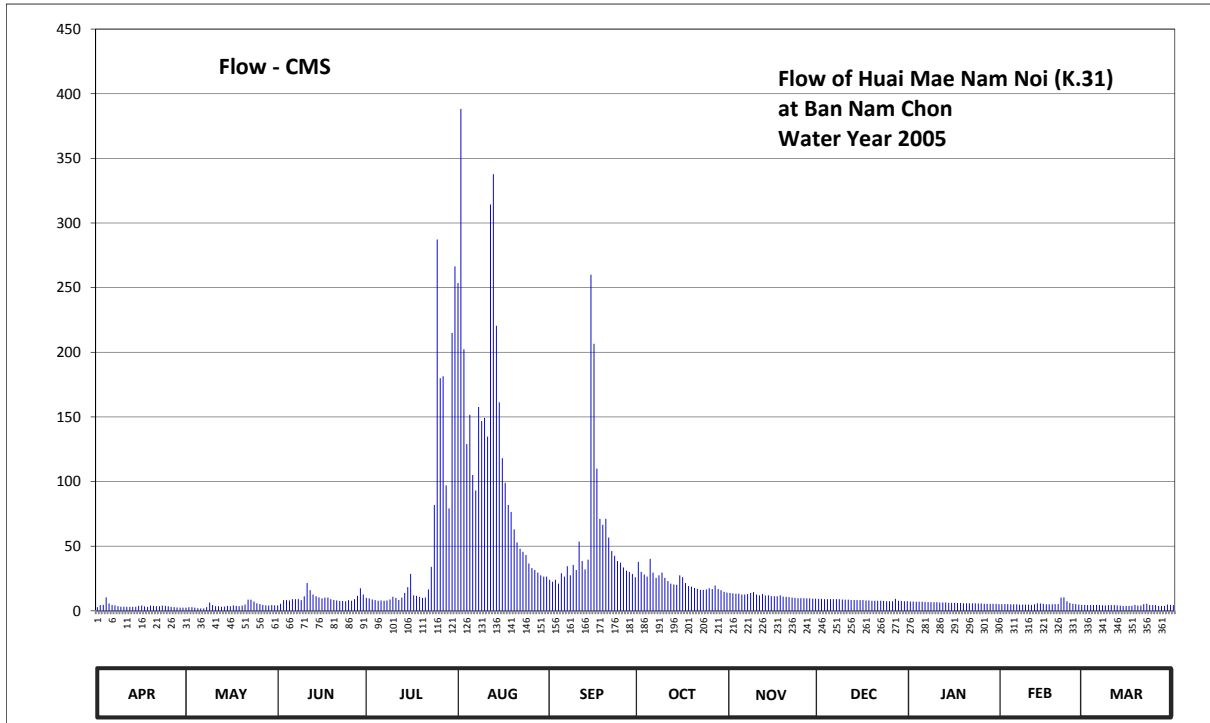
Lat 14 - 26 - 04 N Long 98 - 49 - 20 E

Location : on right bank about 2 kilometers downstream from station K.22A

	Ban Nam Chon	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	799 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+62.720 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 5 meters from the top staff gage.	Elevation	+70.537 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 69 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.74	65.72	65.81	66.10	68.81	66.56	66.83	66.26	66.06	65.96	65.86	65.83	
2	65.82	65.74	65.87	66.08	69.59	66.53	66.68	66.25	66.06	65.96	65.86	65.82	
3	65.83	65.74	66.01	66.04	68.46	66.56	66.64	66.24	66.05	65.95	65.86	65.82	
4	66.12	65.72	66.01	66.01	67.89	66.50	66.61	66.24	66.05	65.95	65.85	65.82	
5	65.88	65.70	66.00	65.99	68.08	66.66	66.87	66.22	66.05	65.95	65.85	65.83	
6	65.82	65.69	66.05	66.00	67.65	66.61	66.67	66.22	66.05	65.94	65.85	65.82	
7	65.81	65.69	66.05	65.99	67.53	66.77	66.59	66.23	66.05	65.94	65.84	65.81	
8	65.78	65.74	66.05	66.00	68.13	66.63	66.63	66.26	66.05	65.93	65.84	65.81	
9	65.76	65.92	66.01	66.04	68.04	66.79	66.67	66.28	66.04	65.93	65.84	65.82	
10	65.76	65.82	66.16	66.14	68.06	66.71	66.59	66.22	66.03	65.93	65.84	65.82	
11	65.75	65.78	66.51	66.10	67.94	67.08	66.54	66.20	66.03	65.92	65.83	65.82	
12	65.75	65.78	66.33	66.02	69.18	66.84	66.50	66.23	66.02	65.92	65.85	65.81	
13	65.75	65.76	66.22	66.11	69.31	66.72	66.48	66.19	66.02	65.92	65.89	65.80	
14	65.75	65.76	66.16	66.26	68.59	66.86	66.47	66.20	66.01	65.91	65.88	65.79	
15	65.79	65.79	66.12	66.41	68.16	68.85	66.63	66.17	66.01	65.91	65.87	65.79	
16	65.80	65.78	66.08	66.65	67.78	68.49	66.60	66.16	66.01	65.91	65.85	65.79	
17	65.77	65.81	66.11	66.20	67.59	67.70	66.51	66.16	66.00	65.90	65.85	65.79	
18	65.75	65.79	66.11	66.18	67.41	67.29	66.44	66.20	66.00	65.90	65.85	65.83	
19	65.80	65.78	66.05	66.14	67.35	67.24	66.42	66.15	65.99	65.89	65.86	65.80	
20	65.79	65.80	66.02	66.10	67.20	67.29	66.39	66.14	65.99	65.89	65.86	65.80	
21	65.78	65.84	66.00	66.11	67.07	67.12	66.37	66.13	65.99	65.89	66.11	65.86	
22	65.78	66.03	65.98	66.35	67.00	66.97	66.34	66.11	65.99	65.89	66.12	65.87	
23	65.80	66.03	65.98	66.76	66.96	66.91	66.34	66.10	65.98	65.89	65.97	65.82	
24	65.79	65.96	65.97	67.41	66.92	66.84	66.35	66.09	65.97	65.88	65.90	65.82	
25	65.78	65.89	66.01	69.02	66.81	66.82	66.38	66.09	65.97	65.88	65.87	65.82	
26	65.75	65.86	65.99	68.30	66.74	66.75	66.36	66.09	65.97	65.87	65.86	65.79	
27	65.74	65.83	66.05	68.31	66.71	66.70	66.45	66.08	66.06	65.87	65.84	65.79	
28	65.73	65.81	66.18	67.57	66.67	66.68	66.36	66.08	65.99	65.87	65.83	65.79	
29	65.72	65.80	66.38	67.38	66.63	66.65	66.33	66.07	65.98	65.87		65.84	
30	65.72	65.82	66.22	68.55	66.61	66.60	66.29	66.07	65.97	65.87		65.83	
31		65.81		68.89	66.61		66.27		65.97	65.86		65.82	
Mean	65.79	65.81	66.08	66.68	67.66	66.96	66.50	66.17	66.01	65.91	65.88	65.82	
Max	66.12	66.03	66.51	69.02	69.59	68.85	66.87	66.28	66.06	65.96	66.12	65.87	69.59
Min	65.72	65.69	65.81	65.99	66.61	66.50	66.27	66.07	65.97	65.86	65.83	65.79	65.69
Annual Max Momentary Gage Height	70.03		m. (MSL.) ,				at 13.00 Hours ,						on Aug 2 , 2005
Zero Gage at Bottom Elevation	62.72		m. (MSL.) ,				River Bed 64.99						m. (MSL.)
Left Bank Elevation		71.22		m. (MSL.) ,									
Right Bank Elevation		81.25		m. (MSL.) ,			Drainage Are 799						Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.80	2.40	4.20	10.00	253.60	24.00	37.80	13.80	9.20	7.20	5.20	4.60	
2	4.40	2.80	5.40	9.60	388.20	22.50	30.00	13.50	9.20	7.20	5.20	4.40	
3	4.60	2.80	8.20	8.80	202.40	24.00	28.00	13.20	9.00	7.00	5.20	4.40	
4	10.40	2.40	8.20	8.20	129.00	21.00	26.50	13.20	9.00	7.00	5.00	4.40	
5	5.60	2.00	8.00	7.80	151.60	29.00	40.20	12.60	9.00	7.00	5.00	4.60	
6	4.40	1.80	9.00	8.00	105.00	26.50	29.50	12.60	9.00	6.80	5.00	4.40	
7	4.20	1.80	9.00	7.80	93.00	34.50	25.50	12.90	9.00	6.80	4.80	4.20	
8	3.60	2.80	9.00	8.00	157.60	27.50	27.50	13.80	9.00	6.60	4.80	4.20	
9	3.20	6.40	8.20	8.80	146.80	35.50	29.50	14.40	8.80	6.60	4.80	4.40	
10	3.20	4.40	11.20	10.80	149.20	31.50	25.50	12.60	8.60	6.60	4.80	4.40	
11	3.00	3.60	21.50	10.00	134.80	53.60	23.00	12.00	8.60	6.40	4.60	4.40	
12	3.00	3.60	15.90	8.40	314.40	38.40	21.00	12.90	8.40	6.40	5.00	4.20	
13	3.00	3.20	12.60	10.20	337.80	32.00	20.40	11.80	8.40	6.40	5.80	4.00	
14	3.00	3.20	11.20	13.80	220.60	39.60	20.10	12.00	8.20	6.20	5.60	3.80	
15	3.80	3.80	10.40	18.30	161.20	260.00	27.50	11.40	8.20	6.20	5.40	3.80	
16	4.00	3.60	9.60	28.50	118.00	206.60	26.00	11.20	8.20	6.20	5.00	3.80	
17	3.40	4.20	10.20	12.00	99.00	110.00	21.50	11.20	8.00	6.00	5.00	3.80	
18	3.00	3.80	10.20	11.60	81.90	71.10	19.20	12.00	8.00	6.00	5.00	4.60	
19	4.00	3.60	9.00	10.80	76.50	66.60	18.60	11.00	7.80	5.80	5.20	4.00	
20	3.80	4.00	8.40	10.00	63.00	71.10	17.70	10.80	7.80	5.80	5.20	4.00	
21	3.60	4.80	8.00	10.20	52.90	56.60	17.10	10.60	7.80	5.80	10.20	5.20	
22	3.60	8.60	7.60	16.50	48.00	46.20	16.20	10.20	7.80	5.80	10.40	5.40	
23	4.00	8.60	7.60	34.00	45.60	42.60	16.20	10.00	7.60	5.80	7.40	4.40	
24	3.80	7.20	7.40	81.90	43.20	38.40	16.50	9.80	7.40	5.60	6.00	4.40	
25	3.60	5.80	8.20	287.20	36.60	37.20	17.40	9.80	7.40	5.60	5.40	4.40	
26	3.00	5.20	7.80	180.00	33.00	33.50	16.80	9.80	7.40	5.40	5.20	3.80	
27	2.80	4.60	9.00	181.40	31.50	31.00	19.50	9.60	9.20	5.40	4.80	3.80	
28	2.60	4.20	11.60	97.00	29.50	30.00	16.80	9.60	7.80	5.40	4.60	3.80	
29	2.40	4.00	17.40	79.20	27.50	28.50	15.90	9.40	7.60	5.40		4.80	
30	2.40	4.40	12.60	215.00	26.50	26.00	14.70	9.40	7.40	5.40		4.60	
31		4.20		266.40	26.50		14.10		7.40	5.20		4.40	
Total	112.20	127.80	296.60	1670.20	3784.40	1595.00	696.20	347.10	256.20	191.00	155.60	133.40	9365.70 CMSDAY
Mean	3.74	4.12	9.89	53.88	122.08	53.17	22.46	11.57	8.26	6.16	5.56	4.30	25.66 CMS
Max	10.40	8.60	21.50	287.20	388.20	260.00	40.20	14.40	9.20	7.20	10.40	5.40	388.20 CMS
Min	2.40	1.80	4.20	7.80	26.50	21.00	14.10	9.40	7.40	5.20	4.60	3.80	1.80 CMS
Runoff	9.69	11.04	25.63	144.31	326.97	137.81	60.15	29.99	22.14	16.50	13.44	11.53	809.20 MCM
Momentary Peak	481.20 CMS. at 70.03 m. (MSL.) at 13.00 Hours , on Aug 2 , 2005												
Runoff Yield	32.11 Liters/Second/Square KM.			Momentary Peak Yield			602.253 Liters/Second/Square KM.						

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Bong Ti at Ban Bong Ti , Kanchanaburi (K.32A)

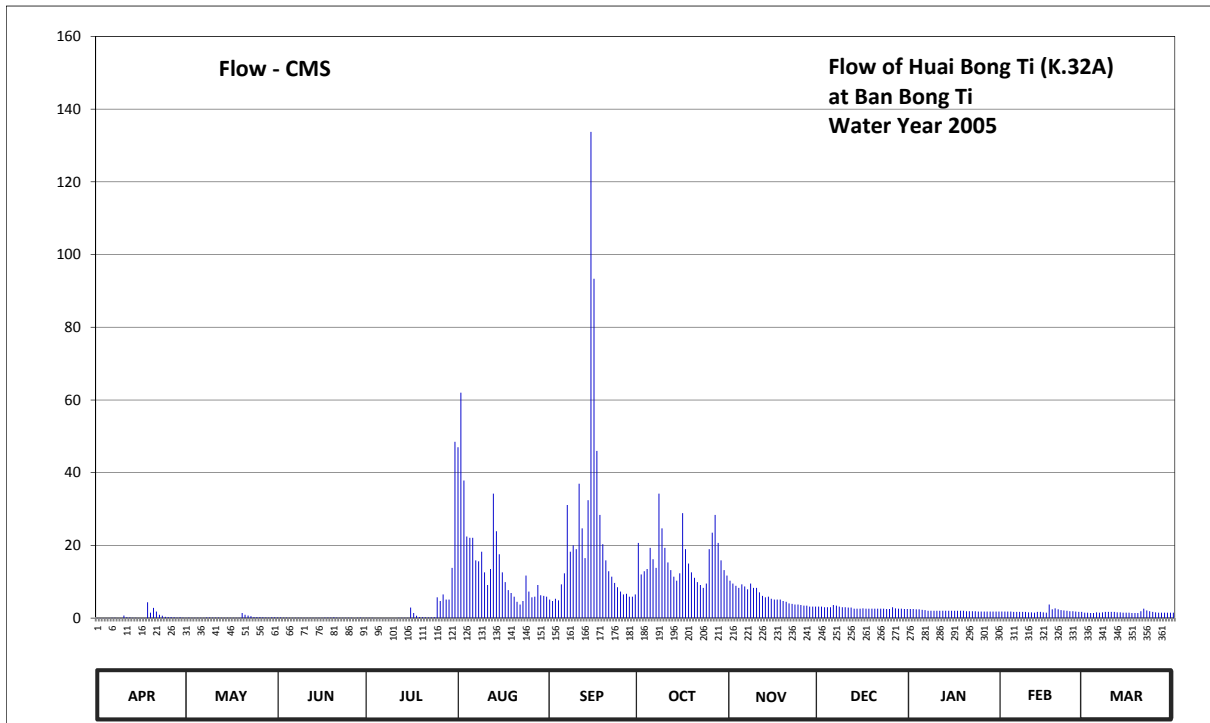
Lat 14 - 16 - 27 N Long 98 - 56 - 04 E

Location : on right bank at Ban Bong Ti.

	Ban	Bong Ti	Amphoe	Sai Yok	Changwat	Kanchanaburi
Drainage Area	518	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+82.270 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 6.50 meters from the top staff gage.				Elevation	+88.323 m. (MSL.)
Gage Reading Frequency	16-time daily readings at 03.00, 06.00 - 18.00, 21.00 and 24.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 16 readings					
Period of Available Gage Records	1984 to date					
Rating Operation						
Period of Rating	1984 to date					
Rated by Flot	-					
Rated by Current Meter	1984 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 78 discharge measurements made in 2005.					

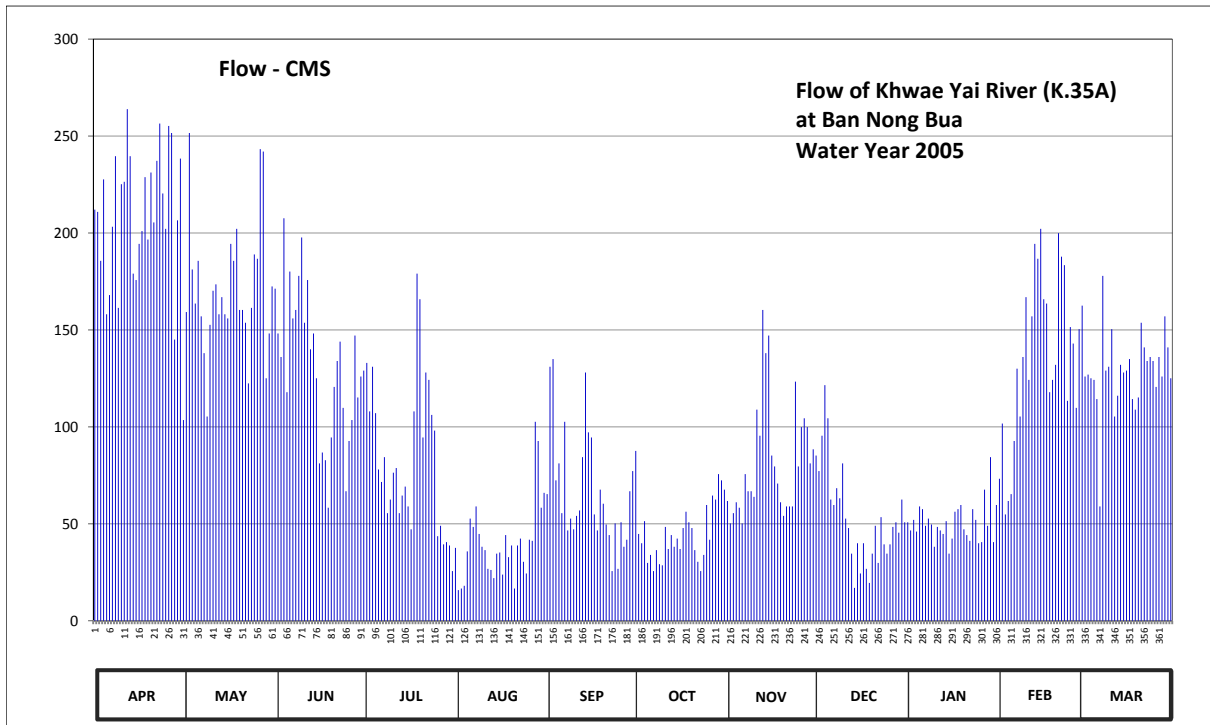
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	82.53	82.59	82.63	82.58	84.32	83.13	83.72	83.39	83.01	82.95	82.88	82.85	
2	82.53	82.62	82.63	82.58	84.60	83.11	83.45	83.35	83.01	82.95	82.88	82.85	
3	82.53	82.60	82.62	82.57	84.13	83.14	83.48	83.32	83.00	82.94	82.88	82.84	
4	82.53	82.59	82.61	82.56	83.77	83.12	83.50	83.29	83.00	82.94	82.88	82.84	
5	82.53	82.58	82.60	82.56	83.76	83.34	83.68	83.34	83.00	82.93	82.87	82.86	
6	82.60	82.57	82.60	82.56	83.76	83.46	83.59	83.31	83.04	82.92	82.87	82.85	
7	82.57	82.59	82.60	82.55	83.58	83.98	83.51	83.27	83.03	82.90	82.87	82.86	
8	82.54	82.64	82.60	82.55	83.57	83.65	84.05	83.35	83.01	82.90	82.87	82.87	
9	82.53	82.63	82.59	82.55	83.65	83.70	83.83	83.29	83.00	82.90	82.87	82.87	
10	82.76	82.61	82.59	82.56	83.47	83.67	83.68	83.29	83.00	82.90	82.86	82.87	
11	82.65	82.61	82.60	82.55	83.33	84.11	83.56	83.23	82.99	82.90	82.86	82.87	
12	82.63	82.61	82.59	82.57	83.50	83.83	83.49	83.18	82.99	82.90	82.85	82.86	
13	82.60	82.60	82.59	82.59	84.05	83.60	83.43	83.16	82.96	82.90	82.87	82.86	
14	82.58	82.60	82.59	82.58	83.81	84.01	83.39	83.17	82.96	82.90	82.87	82.85	
15	82.56	82.59	82.58	82.60	83.63	85.63	83.46	83.14	82.96	82.90	82.86	82.85	
16	82.55	82.58	82.59	82.99	83.47	85.09	83.93	83.13	82.97	82.90	82.85	82.85	
17	82.55	82.58	82.61	82.84	83.37	84.30	83.67	83.13	82.96	82.90	83.05	82.84	
18	83.09	82.57	82.62	82.75	83.26	83.92	83.55	83.13	82.96	82.90	82.94	82.84	
19	82.85	82.58	82.61	82.70	83.22	83.71	83.47	83.11	82.96	82.90	82.97	82.84	
20	82.98	82.84	82.65	82.67	83.17	83.58	83.42	83.10	82.96	82.89	82.94	82.89	
21	82.88	82.79	82.61	82.65	83.10	83.48	83.37	83.07	82.96	82.89	82.92	82.96	
22	82.79	82.76	82.59	82.64	83.05	83.43	83.33	83.06	82.96	82.89	82.91	82.91	
23	82.75	82.73	82.60	82.65	83.11	83.36	83.29	83.05	82.96	82.89	82.90	82.89	
24	82.71	82.69	82.59	82.69	83.44	83.30	83.35	83.05	82.95	82.88	82.89	82.87	
25	82.69	82.68	82.57	83.16	83.24	83.24	83.67	83.04	82.95	82.88	82.89	82.86	
26	82.67	82.67	82.57	83.11	83.16	83.20	83.80	83.03	83.00	82.88	82.88	82.85	
27	82.65	82.65	82.56	83.20	83.17	83.21	83.92	83.03	82.97	82.88	82.87	82.85	
28	82.62	82.63	82.58	83.13	83.33	83.17	83.72	83.01	82.96	82.88	82.87	82.85	
29	82.65	82.62	82.61	83.13	83.19	83.17	83.58	83.01	82.96	82.88		82.85	
30	82.61	82.65	82.59	83.51	83.18	83.20	83.49	83.01	82.95	82.88		82.85	
31		82.65		84.35	83.17		83.44		82.95	82.88		82.85	
Mean	82.66	82.64	82.60	82.80	83.50	83.63	83.57	83.17	82.98	82.90	82.89	82.86	
Max	83.09	82.84	82.65	84.35	84.60	85.63	84.05	83.39	83.04	82.95	83.05	82.96	85.63
Min	82.53	82.57	82.56	82.55	83.05	83.11	83.29	83.01	82.95	82.88	82.85	82.84	82.53
Annual Max Momentary Gage Height	86.04		m. (MSL.) ,				at 18.00 Hours ,		on Sep 15 , 2005				
Zero Gage at Bottom Elevation	82.27		m. (MSL.) ,			River Bed	82.04		m. (MSL.)				
Left Bank Elevation		88.48		m. (MSL.) ,									
Right Bank Elevation		88.38		m. (MSL.) ,		Drainage Are	518		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.03	0.09	0.16	0.08	47.00	5.10	20.70	10.30	3.15	2.50	1.80	1.50	
2	0.03	0.14	0.16	0.08	62.00	4.70	12.00	9.50	3.15	2.50	1.80	1.50	
3	0.03	0.10	0.14	0.07	37.85	5.30	12.90	8.90	3.00	2.40	1.80	1.40	
4	0.03	0.09	0.12	0.06	22.45	4.90	13.50	8.30	3.00	2.40	1.80	1.40	
5	0.03	0.08	0.10	0.06	22.10	9.30	19.30	9.30	3.00	2.30	1.70	1.60	
6	0.10	0.07	0.10	0.06	22.10	12.30	16.20	8.70	3.60	2.20	1.70	1.50	
7	0.07	0.09	0.10	0.05	15.90	31.10	13.80	7.90	3.45	2.00	1.70	1.60	
8	0.04	0.18	0.10	0.05	15.60	18.25	34.25	9.50	3.15	2.00	1.70	1.70	
9	0.03	0.16	0.09	0.05	18.25	20.00	24.70	8.30	3.00	2.00	1.70	1.70	
10	0.72	0.12	0.09	0.06	12.60	18.95	19.30	8.30	3.00	2.00	1.60	1.70	
11	0.20	0.12	0.10	0.05	9.10	36.95	15.30	7.10	2.90	2.00	1.60	1.70	
12	0.16	0.12	0.09	0.07	13.50	24.70	13.20	6.10	2.90	2.00	1.50	1.60	
13	0.10	0.10	0.09	0.09	34.25	16.50	11.40	5.70	2.60	2.00	1.70	1.60	
14	0.08	0.10	0.09	0.08	23.90	32.45	10.30	5.90	2.60	2.00	1.70	1.50	
15	0.06	0.09	0.08	0.10	17.55	133.75	12.30	5.30	2.60	2.00	1.60	1.50	
16	0.05	0.08	0.09	2.90	12.60	93.35	28.85	5.10	2.70	2.00	1.50	1.50	
17	0.05	0.08	0.12	1.40	9.90	46.00	18.95	5.10	2.60	2.00	3.75	1.40	
18	4.35	0.07	0.14	0.65	7.70	28.40	15.00	5.10	2.60	2.00	2.40	1.40	
19	1.50	0.08	0.12	0.30	6.90	20.35	12.60	4.70	2.60	2.00	2.70	1.40	
20	2.80	1.40	0.20	0.24	5.90	15.90	11.10	4.50	2.60	1.90	2.40	1.90	
21	1.80	0.93	0.12	0.20	4.50	12.90	9.90	4.05	2.60	1.90	2.20	2.60	
22	0.93	0.72	0.09	0.18	3.75	11.40	9.10	3.90	2.60	1.90	2.10	2.10	
23	0.65	0.51	0.10	0.20	4.70	9.70	8.30	3.75	2.60	1.90	2.00	1.90	
24	0.37	0.28	0.09	0.28	11.70	8.50	9.50	3.75	2.50	1.80	1.90	1.70	
25	0.28	0.26	0.07	5.70	7.30	7.30	18.95	3.60	2.50	1.80	1.90	1.60	
26	0.24	0.24	0.07	4.70	5.70	6.50	23.50	3.45	3.00	1.80	1.80	1.50	
27	0.20	0.20	0.06	6.50	5.90	6.70	28.40	3.45	2.70	1.80	1.70	1.50	
28	0.14	0.16	0.08	5.10	9.10	5.90	20.70	3.15	2.60	1.80	1.70	1.50	
29	0.20	0.14	0.12	5.10	6.30	5.90	15.90	3.15	2.60	1.80		1.50	
30	0.12	0.20	0.09	13.80	6.10	6.50	13.20	3.15	2.50	1.80		1.50	
31		0.20		48.50	5.90		11.70		2.50	1.80		1.50	
Total	15.39	7.20	3.17	96.76	488.10	659.55	504.80	179.00	86.90	62.30	53.45	50.00	2206.62 CMSDAY
Mean	0.51	0.23	0.11	3.12	15.75	21.99	16.28	5.97	2.80	2.01	1.91	1.61	6.05 CMS
Max	4.35	1.40	0.20	48.50	62.00	133.75	34.25	10.30	3.60	2.50	3.75	2.60	133.75 CMS
Min	0.03	0.07	0.06	0.05	3.75	4.70	8.30	3.15	2.50	1.80	1.50	1.40	0.03 CMS
Runoff	1.33	0.62	0.27	8.36	42.17	56.99	43.62	15.47	7.51	5.38	4.62	4.32	190.65 MCM
Momentary Peak	166.90 CMS. at 86.04 m. (MSL.) at 18.00 Hours , on Sep 15, 2005												
Runoff Yield	11.67 Liters/Second/Square KM. Momentary Peak Yield 322.201 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	212.00	103.50	171.30	129.00	37.60	65.30	87.60	61.80	85.20	50.80	73.20	162.50		
2	210.90	159.20	148.20	133.00	15.80	131.00	44.80	50.20	77.20	46.60	101.70	126.00		
3	185.60	251.60	136.00	108.00	16.60	135.00	40.00	55.50	95.40	52.00	54.80	127.00		
4	227.60	181.20	207.60	131.00	18.00	72.40	51.40	61.10	121.50	46.00	61.80	125.10		
5	158.10	163.60	117.90	107.10	35.80	81.20	29.80	58.30	104.40	59.00	65.30	124.20		
6	168.00	185.60	180.10	78.00	52.70	55.50	34.00	50.20	62.50	57.60	92.70	114.30		
7	203.20	157.00	155.90	71.60	48.40	102.60	25.60	75.60	59.70	49.00	130.00	59.00		
8	239.60	138.00	160.30	84.40	59.00	46.60	36.40	66.80	68.40	52.70	105.30	177.90		
9	161.40	105.30	177.90	55.50	44.80	52.70	29.20	66.80	63.20	49.60	136.00	129.00		
10	225.20	152.60	197.70	62.50	38.20	47.20	28.60	63.90	81.20	38.20	166.90	131.00		
11	226.40	170.20	153.70	76.40	36.40	54.10	48.40	108.90	52.70	48.40	124.20	150.40		
12	263.90	173.50	175.70	78.80	26.80	56.90	37.00	95.40	47.80	46.60	157.00	105.30		
13	239.60	158.10	140.00	55.50	26.20	84.40	44.20	160.30	34.60	44.80	194.40	116.10		
14	179.00	166.90	148.20	64.60	22.00	128.00	38.20	138.00	17.00	51.40	186.70	132.00		
15	175.70	158.10	125.10	69.20	34.60	97.20	42.40	147.10	40.00	34.60	202.10	128.00		
16	194.40	155.90	81.20	59.00	35.20	94.50	37.00	85.20	24.40	42.40	165.80	129.00		
17	201.00	194.40	86.80	47.20	23.80	54.80	47.80	79.60	40.00	56.20	163.60	135.00		
18	228.80	185.60	82.80	108.00	44.20	46.60	56.20	70.80	26.80	57.60	117.90	114.30		
19	196.60	202.10	58.30	179.00	32.80	67.60	50.80	61.10	19.50	59.70	124.20	108.90		
20	231.20	160.30	94.50	165.80	38.80	60.40	47.80	54.10	34.60	47.20	132.00	115.20		
21	205.40	160.30	120.60	94.50	16.60	49.60	36.40	59.00	49.00	44.20	199.90	153.70		
22	237.20	153.70	134.00	128.00	38.80	44.20	30.40	59.00	29.80	41.20	187.80	141.00		
23	256.40	122.40	144.00	124.20	42.40	25.60	25.60	59.00	53.40	57.60	183.40	134.00		
24	220.40	161.40	109.80	106.20	30.40	50.20	34.00	123.30	39.40	52.00	113.40	136.00		
25	202.10	188.90	66.80	98.10	24.40	26.80	59.70	79.60	34.60	40.00	151.50	134.00		
26	255.20	186.70	92.70	43.60	41.80	50.80	41.80	99.90	39.40	40.60	143.00	120.60		
27	251.60	243.20	103.50	49.00	41.20	38.20	64.60	104.40	48.40	67.60	109.80	136.00		
28	145.00	242.00	147.10	39.40	102.60	41.80	62.50	99.90	50.80	49.00	150.40	126.00		
29	206.50	125.10	115.20	40.60	92.70	66.80	75.60	81.20	45.40	84.40	157.00	126.00		
30	238.40	148.20	126.00	38.80	58.30	77.20	72.40	88.40	62.50	40.60	141.00	141.00		
31		172.4		25.60	66.00		67.60		50.80	59.70	125.10			
Total	6346.40	5227.00	3958.90	2651.60	1242.90	2005.20	1427.80	2464.40	1659.60	1567.30	3794.80	4014.60	36360.50	CMSDAY
Mean	211.55	168.61	131.96	85.54	40.09	66.84	46.06	82.15	53.54	50.56	135.53	129.50	99.62	CMS
Max	263.90	251.60	207.60	179.00	102.60	135.00	87.60	160.30	121.50	84.40	202.10	177.90	263.90	CMS
Min	145.00	103.50	58.30	25.60	15.80	25.60	25.60	50.20	17.00	34.60	54.80	59.00	15.80	CMS
Runoff	548.33	451.61	342.05	229.10	107.39	173.25	123.36	212.92	143.39	135.42	327.87	346.86	3141.55	MCM
Momentary Peak	288.80 CMS. at 26.42 m. (MSL.) at 01.00 Hours , on Apr 11 , 2005													
Runoff Yield	6.90 Liters/Second/Square KM.			Momentary Peak Yield				19,994 Liters/Second/Square KM.						

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Khwaie Yai River at Ban Tha Manao, Kanchanaburi (K.36)

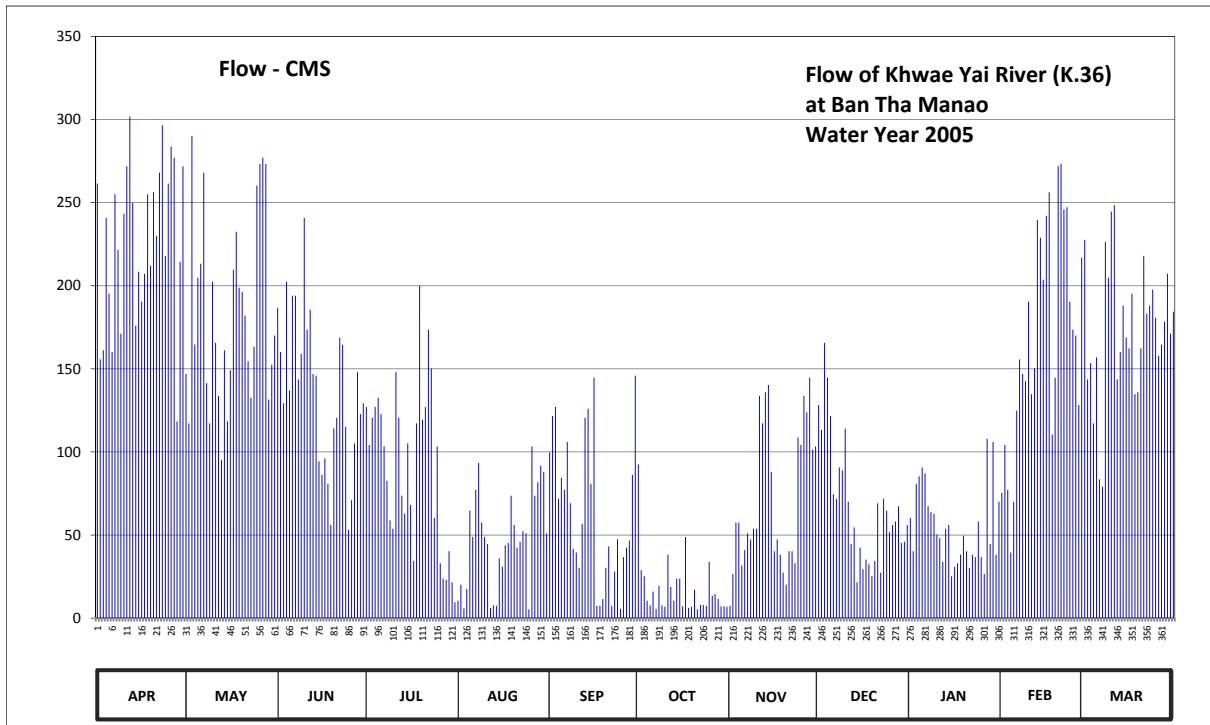
Lat 14 - 09 - 52 N Long 99 - 16 - 37 E

Location : on left bank at Ban Tha Manao.

	Ban Tha Manao	Amphoe Mueang	Changwat Kanchanaburi
Drainage Area	11,685 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+31.417 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10 meters from the top staff gage.	Elevation	+38.305 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by Sri Nakarindra Dam. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	35.85	34.89	35.24	34.71	33.25	34.43	34.35	33.18	34.72	33.99	34.16	35.58	
2	34.97	34.62	35.01	34.48	33.43	34.66	33.55	33.52	34.58	33.71	34.48	34.86	
3	35.02	36.07	34.73	34.65	33.13	34.71	33.50	33.95	35.06	34.22	34.18	34.95	
4	35.69	35.05	35.37	34.71	33.39	34.12	33.25	33.95	34.87	34.27	33.70	34.62	
5	35.31	35.39	34.80	34.76	34.04	34.26	33.19	33.59	34.66	34.33	34.10	34.98	
6	35.01	35.46	35.30	34.67	33.83	34.18	33.36	33.72	34.15	34.29	34.69	34.25	
7	35.80	35.90	35.30	34.47	34.18	34.50	33.12	33.86	34.12	34.07	34.97	34.20	
8	35.53	34.84	34.86	34.24	34.36	34.09	33.42	33.81	34.33	34.03	34.89	35.57	
9	35.11	34.62	35.00	33.97	33.95	33.73	33.19	33.90	34.31	34.02	34.85	35.39	
10	35.71	35.37	35.69	33.90	33.83	33.70	33.16	33.90	34.59	33.85	35.27	35.72	
11	35.93	35.06	35.13	34.90	33.77	33.57	33.68	34.77	34.10	33.82	34.78	35.75	
12	36.16	34.77	35.23	34.65	33.14	33.94	33.41	34.62	33.77	33.62	34.92	34.86	
13	35.76	34.38	34.89	34.14	33.19	34.65	33.25	34.79	33.91	33.90	35.68	35.01	
14	35.15	35.02	34.88	34.02	33.18	34.70	33.48	34.83	33.45	33.93	35.59	35.25	
15	35.42	34.63	34.37	34.49	33.65	34.22	33.48	34.30	33.74	33.50	35.38	35.09	
16	35.27	34.91	34.28	34.08	33.58	34.87	33.17	33.71	33.56	33.58	35.70	35.03	
17	35.41	35.43	34.39	33.63	33.76	33.18	33.83	33.81	33.64	33.61	35.81	35.31	
18	35.80	35.62	34.22	34.62	33.78	33.18	33.14	33.68	33.60	33.68	34.55	34.78	
19	35.45	35.34	33.93	35.35	34.14	33.27	33.16	33.53	33.50	33.84	34.87	34.79	
20	35.81	35.32	34.59	34.64	33.93	33.57	33.38	33.43	33.63	33.71	35.93	35.03	
21	35.60	35.20	34.65	34.71	33.74	33.75	33.11	33.71	34.09	33.57	35.94	35.50	
22	35.90	34.96	35.09	35.13	33.79	33.18	33.20	33.71	33.53	33.68	35.73	35.21	
23	36.12	34.76	35.05	34.92	33.88	33.54	33.20	33.61	34.12	33.66	35.74	35.25	
24	35.50	35.04	34.60	33.99	33.86	33.81	33.18	34.53	34.04	33.96	35.27	35.33	
25	35.85	35.84	33.89	34.47	33.11	33.12	33.62	34.48	33.87	33.66	35.13	35.19	
26	36.02	35.94	34.11	33.61	34.47	33.66	33.31	34.77	33.93	33.52	35.10	34.99	
27	35.97	35.97	34.49	33.48	34.14	33.74	33.33	34.68	33.96	34.52	34.72	35.05	
28	34.63	35.94	34.90	33.47	34.23	33.80	33.27	34.87	34.07	33.77	35.49	35.17	
29	35.47	34.75	34.67	33.71	34.34	34.28	33.17	34.45	33.78	34.50		35.41	
30	35.93	34.94	34.73	33.45	34.30	34.88	33.17	34.47	33.79	33.68		35.11	
31		35.10		33.23	33.86		33.16		33.93	34.10		35.22	
Mean	35.57	35.20	34.78	34.30	33.78	33.98	33.35	34.07	34.05	33.89	35.06	35.11	
Max	36.16	36.07	35.69	35.35	34.47	34.88	34.35	34.87	35.06	34.52	35.94	35.75	36.16
Min	34.63	34.38	33.89	33.23	33.11	33.12	33.11	33.18	33.45	33.50	33.70	34.20	33.11
Annual Max Momentary Gage Height	36.32		m. (MSL.) ,				at 15.00 Hours ,	on Apr 10 , 2005					
Zero Gage at Bottom Elevation	31.42		m. (MSL.) ,				River Bed	32.42	m. (MSL.)				
Left Bank Elevation		38.31		m. (MSL.) ,									
Right Bank Elevation		38.54		m. (MSL.) ,		Drainage Are	11,685	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	261.50	146.90	186.80	127.10	10.50	99.70	92.50	7.40	128.20	60.28	75.40	227.60	
2	155.70	117.20	160.10	104.20	20.15	121.60	28.75	26.60	113.20	40.22	104.20	143.60	
3	161.20	290.10	129.30	120.50	5.90	127.10	25.17	57.42	165.60	80.80	77.20	153.50	
4	240.80	164.50	202.40	127.10	17.50	71.80	10.50	57.42	144.70	85.30	39.50	117.20	
5	195.20	204.80	137.00	132.60	64.60	84.40	7.70	31.62	121.60	90.70	70.00	156.80	
6	160.10	213.20	194.00	122.70	48.82	77.20	16.00	40.93	74.50	87.10	124.90	83.50	
7	255.00	268.00	194.00	103.30	77.20	106.00	5.60	50.97	71.80	67.30	155.70	79.00	
8	221.60	141.40	143.60	82.60	93.40	69.10	19.43	47.38	90.70	63.70	146.90	226.40	
9	171.20	117.20	159.00	58.85	57.42	41.65	7.70	53.83	88.90	62.80	142.50	204.80	
10	243.30	202.40	240.80	53.83	48.82	39.50	6.80	53.83	114.10	50.25	190.40	244.60	
11	271.90	165.60	173.60	148.00	44.52	30.18	38.07	133.70	70.00	48.10	134.80	248.50	
12	301.80	133.70	185.60	120.50	6.20	56.70	18.72	117.20	44.52	33.77	150.20	143.60	
13	249.80	95.20	146.90	73.60	7.70	120.50	10.50	135.90	54.55	53.83	239.60	160.10	
14	176.00	161.20	145.80	62.80	7.40	126.00	23.73	140.30	21.58	55.98	228.80	188.00	
15	208.40	118.30	94.30	105.10	35.92	80.80	23.73	88.00	42.37	25.17	203.60	168.90	
16	190.40	149.10	86.20	68.20	30.90	144.70	7.10	40.22	29.47	30.90	242.00	162.30	
17	207.20	209.60	96.10	34.48	43.80	7.40	48.82	47.38	35.20	33.05	256.30	195.20	
18	255.00	232.40	80.80	117.20	45.23	7.40	6.20	38.07	32.33	38.07	110.50	134.80	
19	212.00	198.80	55.98	200.00	73.60	11.50	6.80	27.32	25.17	49.53	144.70	135.90	
20	256.30	196.40	114.10	119.40	55.98	30.18	17.00	20.15	34.48	40.22	271.90	162.30	
21	230.00	182.00	120.50	127.10	42.37	43.08	5.30	40.22	69.10	30.18	273.20	218.00	
22	268.00	154.60	168.90	173.60	45.95	7.40	8.00	40.22	27.32	38.07	245.90	183.20	
23	296.60	132.60	164.50	150.20	52.40	28.03	8.00	33.05	71.80	36.63	247.20	188.00	
24	218.00	163.40	115.00	60.28	50.97	47.38	7.40	108.70	64.60	58.13	190.40	197.60	
25	261.50	260.20	53.12	103.30	5.30	5.60	33.77	104.20	51.68	36.63	173.60	180.80	
26	283.60	273.20	70.90	33.05	103.30	36.63	13.50	133.70	55.98	26.60	170.00	157.90	
27	277.10	277.10	105.10	23.73	73.60	42.37	14.50	123.80	58.13	107.80	128.20	164.50	
28	118.30	273.20	148.00	23.02	81.70	46.67	11.50	144.70	67.30	44.52	216.80	178.40	
29	214.40	131.50	122.70	40.22	91.60	86.20	7.10	101.50	45.23	106.00		207.20	
30	271.90	152.40	129.30	21.58	88.00	145.80	7.10	103.30	45.95	38.07		171.20	
31		170.00		9.50	50.97		6.80		55.98	70.00		184.40	
Total	6833.80	5696.20	4124.40	2847.64	1481.72	1942.57	543.79	2149.03	2116.04	1689.70	4754.40	5367.80	39547.09 CMSDAY
Mean	227.79	183.75	137.48	91.86	47.80	64.75	17.54	71.63	68.26	54.51	169.80	173.15	108.35 CMS
Max	301.80	290.10	240.80	200.00	103.30	145.80	92.50	144.70	165.60	107.80	273.20	248.50	301.80 CMS
Min	118.30	95.20	53.12	9.50	5.30	5.60	5.30	7.40	21.58	25.17	39.50	79.00	5.30 CMS
Runoff	590.44	492.15	356.35	246.04	128.02	167.84	46.98	185.68	182.83	145.99	410.78	463.78	3416.87 MCM
Momentary Peak	322.60 CMS. at 36.32 m. (MSL.) at 15.00 Hours , on Apr 10 , 2005												
Runoff Yield	9.27 Liters/Second/Square KM.		Momentary Peak Yield		27.608 Liters/Second/Square KM.								

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Khwaee Noi River at Ban Wang Yen , Kanchanaburi (K.37)

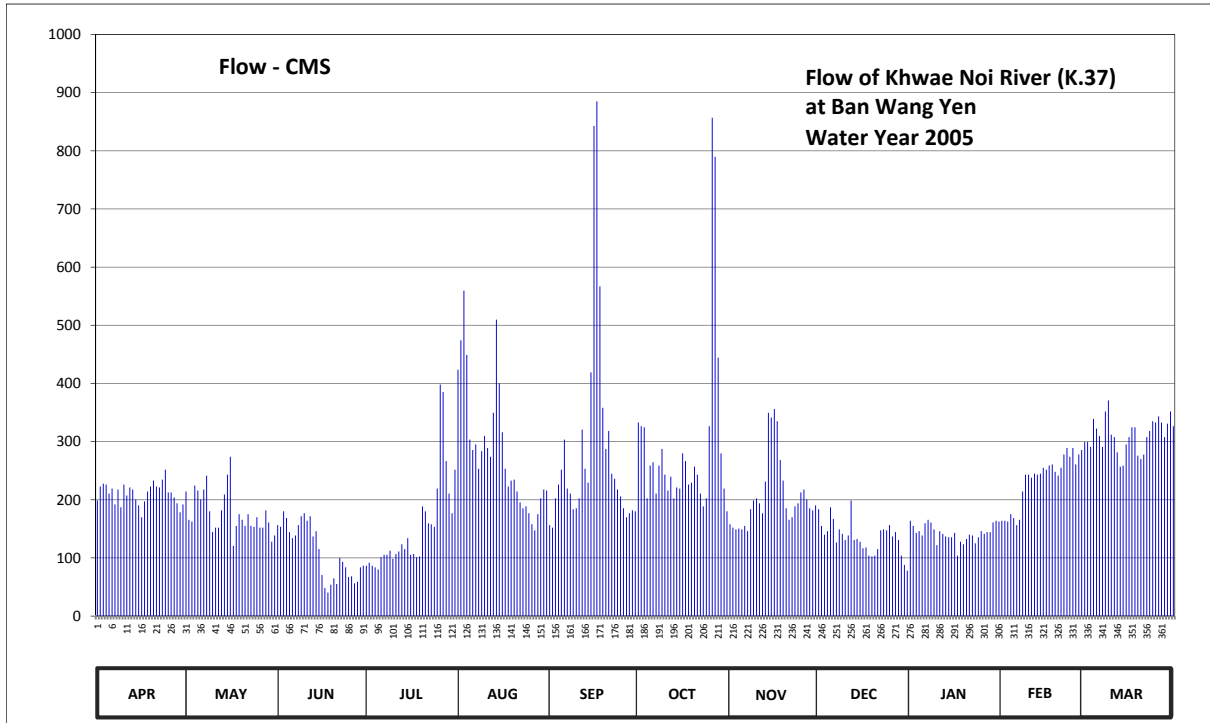
Lat 13 - 55 - 54 N Long 99 - 25 - 38 E

Location : on left bank at Ban Wang Yen.

	Ban Wang Yen	Amphoe Mueang	Changwat Kanchanaburi
Drainage Area	10,557 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+19.840 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 5 meters from the automatic gage building.	Elevation	+33.266 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings.		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +26.810 m.(M.S.L.), records are channel flow only.		
General Description	Records fair. Flow regulated by Khao Laem Dam. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	23.87	23.96	23.61	23.12	25.02	23.61	24.59	23.62	23.78	23.66	23.66	24.43	
2	24.01	23.67	23.59	23.16	25.24	23.58	24.56	23.58	23.60	23.60	23.66	24.43	
3	24.04	23.65	23.76	23.12	25.59	23.89	24.55	23.56	23.50	23.52	23.65	24.39	
4	24.03	24.02	23.69	23.10	25.13	24.03	23.89	23.57	23.54	23.54	23.73	24.62	
5	23.94	23.97	23.53	23.07	24.45	24.18	24.22	23.56	23.80	23.49	23.69	24.54	
6	23.99	23.88	23.46	23.23	24.36	24.45	24.25	23.60	23.68	23.63	23.61	24.48	
7	23.83	23.98	23.49	23.26	24.41	23.99	23.94	23.54	23.41	23.67	23.67	24.39	
8	23.98	24.12	23.61	23.26	24.19	23.94	24.22	23.78	23.56	23.64	23.96	24.68	
9	23.80	23.76	23.71	23.31	24.35	23.78	24.37	23.87	23.51	23.56	24.13	24.77	
10	24.03	23.53	23.74	23.21	24.48	23.79	24.13	23.89	23.44	23.38	24.13	24.49	
11	23.92	23.58	23.66	23.27	24.38	23.89	23.97	23.84	23.49	23.54	24.10	24.47	
12	24.00	23.58	23.71	23.30	24.30	24.53	24.11	23.74	23.87	23.51	24.14	24.34	
13	23.98	23.77	23.48	23.39	24.67	24.19	23.89	24.06	23.44	23.48	24.13	24.21	
14	23.88	23.93	23.54	23.33	25.39	24.05	24.00	24.67	23.45	23.47	24.14	24.22	
15	23.82	24.13	23.33	23.46	24.91	25.00	23.99	24.63	23.42	23.47	24.20	24.41	
16	23.70	24.30	22.99	23.26	24.51	26.66	24.33	24.70	23.34	23.52	24.18	24.47	
17	23.86	23.37	22.80	23.27	24.19	26.81	24.26	24.60	23.35	23.25	24.22	24.55	
18	23.96	23.60	22.73	23.23	24.01	25.62	24.03	24.27	23.25	23.42	24.23	24.55	
19	24.01	23.73	22.85	23.24	24.07	24.71	24.05	24.07	23.24	23.39	24.16	24.31	
20	24.07	23.67	22.94	23.81	24.08	24.37	24.21	23.79	23.25	23.45	24.12	24.28	
21	24.01	23.60	22.86	23.76	23.96	24.52	24.13	23.67	23.33	23.50	24.20	24.32	
22	24.00	23.73	23.22	23.63	23.85	24.14	23.94	23.70	23.55	23.49	24.32	24.47	
23	24.08	23.60	23.17	23.62	23.79	24.09	23.81	23.81	23.56	23.40	24.38	24.52	
24	24.18	23.59	23.10	23.59	23.81	23.98	23.89	23.84	23.55	23.47	24.30	24.60	
25	23.95	23.70	22.96	23.99	23.74	23.91	24.56	23.95	23.61	23.54	24.38	24.59	
26	23.95	23.58	22.97	24.90	23.62	23.79	26.71	23.98	23.48	23.51	24.23	24.64	
27	23.90	23.58	22.87	24.84	23.55	23.70	26.47	23.88	23.53	23.53	24.32	24.59	
28	23.84	23.77	22.89	24.26	23.73	23.74	25.11	23.79	23.44	23.53	24.36	24.47	
29	23.75	23.64	23.10	23.94	23.89	23.77	24.33	23.77	23.25	23.64		24.58	
30	23.83	23.42	23.12	23.74	23.98	23.76	23.99	23.82	23.13	23.66		24.68	
31		23.49		24.18	23.97		23.76		23.05	23.65		24.56	
Mean	23.94	23.74	23.28	23.54	24.31	24.28	24.33	23.91	23.46	23.52	24.07	24.49	
Max	24.18	24.30	23.76	24.90	25.59	26.81	26.71	24.70	23.87	23.67	24.38	24.77	26.81
Min	23.70	23.37	22.73	23.07	23.55	23.58	23.76	23.54	23.05	23.25	23.61	24.21	22.73
Annual Max Momentary Gage Height	27.34		m. (MSL.) ,				at 01.00 Hours , on Oct 27 , 2005						
Zero Gage at Bottom Elevation	19.84		m. (MSL.) ,			River Bed	19.20	m. (MSL.)					
Left Bank Elevation		26.80		m. (MSL.) ,									
Right Bank Elevation		30.75		m. (MSL.) ,		Drainage Are	10,557	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	198.90	214.20	156.50	86.60	423.60	156.50	332.90	158.00	183.60	164.00	164.00	299.30		
2	222.70	165.50	153.50	91.80	474.20	152.00	326.60	152.00	155.00	155.00	164.00	299.30		
3	227.80	162.50	180.20	86.60	559.50	202.30	324.50	149.00	140.00	143.00	162.50	291.10		
4	226.10	224.40	168.50	84.00	448.90	226.10	202.30	150.50	146.00	146.00	175.10	339.20		
5	210.80	215.90	144.50	80.40	303.50	251.60	258.80	149.00	187.00	138.50	168.50	322.40		
6	219.30	200.60	134.00	101.20	285.40	303.50	264.50	155.00	167.00	159.50	156.50	309.80		
7	192.10	217.60	138.50	105.40	295.10	219.30	210.80	146.00	126.50	165.50	165.50	291.10		
8	217.60	241.40	156.50	105.40	253.30	210.80	258.80	183.60	149.00	161.00	214.20	351.80		
9	187.00	180.20	171.70	112.40	283.50	183.60	287.30	198.90	141.50	149.00	243.10	370.70		
10	226.10	144.50	176.80	98.40	309.80	185.30	243.10	202.30	131.00	122.20	243.10	311.90		
11	207.40	152.00	164.00	106.80	289.20	202.30	215.90	193.80	138.50	146.00	238.00	307.70		
12	221.00	152.00	171.70	111.00	274.00	320.30	239.70	176.80	198.90	141.50	244.80	281.60		
13	217.60	181.90	137.00	123.60	349.70	253.30	202.30	231.20	131.00	137.00	243.10	256.90		
14	200.60	209.10	146.00	115.20	509.60	229.50	221.00	349.70	132.50	135.50	244.80	258.80		
15	190.40	243.10	115.20	134.00	400.10	419.00	219.30	341.30	128.00	135.50	255.00	295.10		
16	170.00	274.00	70.80	105.40	316.10	842.80	279.70	356.00	116.60	143.00	251.60	307.70		
17	197.20	120.80	48.00	106.80	253.30	884.80	266.40	335.00	118.00	104.00	258.80	324.50		
18	214.20	155.00	40.30	101.20	222.70	567.00	226.10	268.30	104.00	128.00	260.70	324.50		
19	222.70	175.10	54.00	102.60	232.90	358.10	229.50	232.90	102.60	123.60	248.20	275.90		
20	232.90	165.50	64.80	188.70	234.60	287.30	256.90	185.30	104.00	132.50	241.40	270.20		
21	222.70	155.00	55.20	180.20	214.20	318.20	243.10	165.50	115.20	140.00	255.00	277.80		
22	221.00	175.10	99.80	159.50	195.50	244.80	210.80	170.00	147.50	138.50	277.80	307.70		
23	234.60	155.00	93.10	158.00	185.30	236.30	188.70	188.70	149.00	125.00	289.20	318.20		
24	251.60	153.50	84.00	153.50	188.70	217.60	202.30	193.80	147.50	135.50	274.00	335.00		
25	212.50	170.00	67.20	219.30	176.80	205.70	326.60	212.50	156.50	146.00	289.20	332.90		
26	212.50	152.00	68.40	398.00	158.00	185.30	856.80	217.60	137.00	141.50	260.70	343.40		
27	204.00	152.00	56.40	385.40	147.50	170.00	789.60	200.60	144.50	144.50	277.80	332.90		
28	193.80	181.90	58.80	266.40	175.10	176.80	444.30	185.30	131.00	144.50	285.40	307.70		
29	178.50	161.00	84.00	210.80	202.30	181.90	279.70	181.90	104.00	161.00		330.80		
30	192.10	128.00	86.60	176.80	217.60	180.20	219.30	190.40	87.90	164.00		351.80		
31		138.50		251.60	215.90		180.20		78.00	162.50		326.60		
Total	6325.70	5517.30	3346.00	4707.00	8795.90	8572.20	9007.80	6220.90	4198.80	4433.30	6552.00	9654.30	77331.20	CMSDAY
Mean	210.86	177.98	111.53	151.84	283.74	285.74	290.57	207.36	135.45	143.01	234.00	311.43	211.87	CMS
Max	251.60	274.00	180.20	398.00	559.50	884.80	856.80	356.00	198.90	165.50	289.20	370.70	884.80	CMS
Min	170.00	120.80	40.30	80.40	147.50	152.00	180.20	146.00	78.00	104.00	156.50	256.90	40.30	CMS
Runoff	546.54	476.70	289.09	406.69	759.97	740.64	778.27	537.49	362.78	383.04	566.09	834.13	6681.42	MCM
Momentary Peak	1042.00	CMS.	at 27.34 m. (MSL.)											on Oct 27, 2005
Runoff Yield	20.07	Liters/Second/Square KM.												Momentary Peak Yield 98.702 Liters/Second/Square KM.

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Lin Thin at Ban Nong Bang , Kanchanaburi (K.38A)

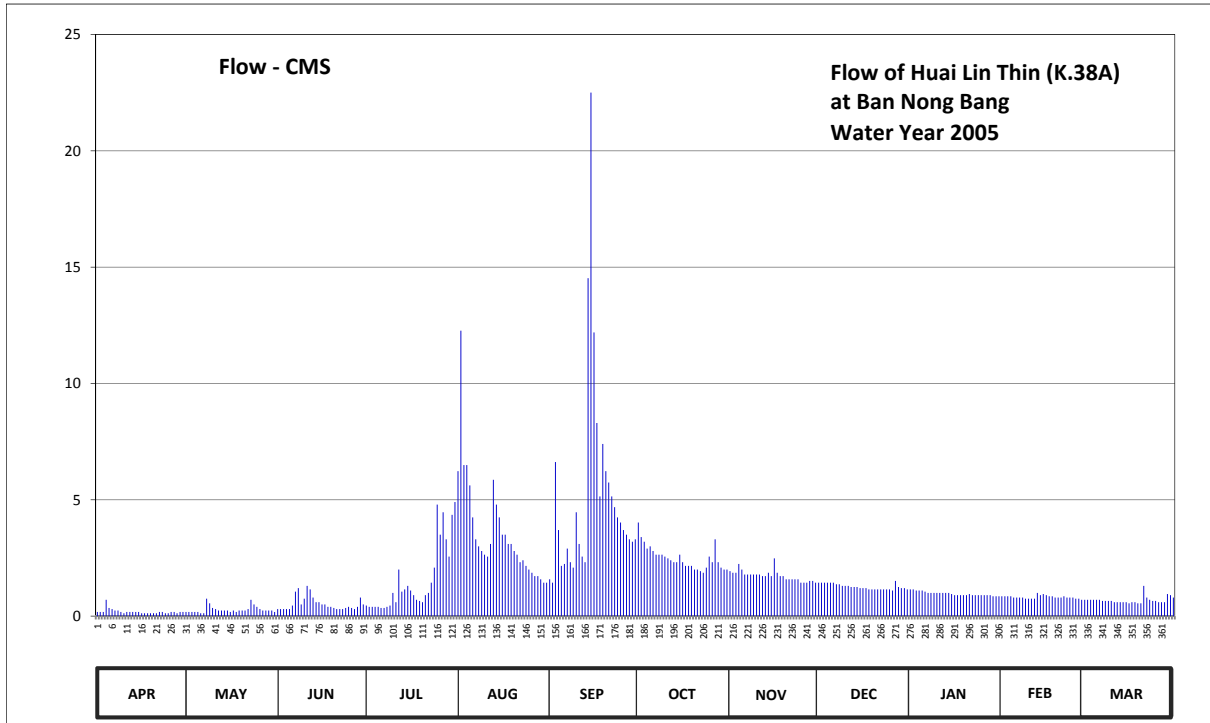
Lat 14 - 34 - 28 N Long 98 - 49 - 07 E

Location : on left bank at KM. 95+700 on Kanchanaburi - Thong Pha Phum Highway.

	Ban Nong Bang	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	122 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+90.019 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation +95.463 m. (MSL.)	
Gage Reading Frequency	5-time daily reading at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 99 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	90.38	90.38	90.40	90.43	91.11	90.64	90.92	90.69	90.62	90.57	90.51	90.48	
2	90.38	90.38	90.40	90.42	91.48	90.62	90.86	90.68	90.62	90.57	90.51	90.48	
3	90.38	90.38	90.40	90.42	91.13	91.14	90.84	90.68	90.62	90.56	90.51	90.48	
4	90.48	90.38	90.40	90.42	91.13	90.89	90.81	90.73	90.62	90.56	90.51	90.48	
5	90.41	90.38	90.40	90.42	91.06	90.72	90.82	90.70	90.62	90.56	90.50	90.48	
6	90.40	90.37	90.43	90.41	90.94	90.73	90.80	90.67	90.62	90.55	90.50	90.48	
7	90.39	90.37	90.55	90.41	90.85	90.81	90.78	90.67	90.61	90.54	90.50	90.47	
8	90.39	90.49	90.58	90.42	90.82	90.74	90.78	90.67	90.61	90.54	90.50	90.47	
9	90.38	90.45	90.44	90.43	90.80	90.71	90.78	90.67	90.60	90.54	90.49	90.47	
10	90.37	90.41	90.49	90.54	90.78	90.96	90.77	90.67	90.60	90.54	90.49	90.47	
11	90.38	90.40	90.60	90.46	90.77	90.83	90.76	90.67	90.60	90.54	90.49	90.46	
12	90.38	90.39	90.57	90.70	90.83	90.77	90.75	90.66	90.59	90.54	90.49	90.46	
13	90.38	90.39	90.50	90.55	91.08	90.74	90.74	90.66	90.59	90.54	90.54	90.46	
14	90.38	90.39	90.46	90.57	90.99	91.61	90.74	90.68	90.59	90.54	90.52	90.46	
15	90.38	90.39	90.46	90.60	90.94	91.94	90.78	90.66	90.58	90.53	90.53	90.46	
16	90.37	90.38	90.44	90.56	90.87	91.43	90.74	90.76	90.58	90.52	90.52	90.45	
17	90.37	90.39	90.44	90.52	90.87	91.26	90.72	90.68	90.58	90.52	90.51	90.46	
18	90.37	90.38	90.42	90.48	90.83	91.02	90.72	90.66	90.57	90.52	90.51	90.46	
19	90.37	90.39	90.42	90.47	90.83	91.20	90.72	90.66	90.57	90.52	90.50	90.45	
20	90.37	90.39	90.41	90.46	90.80	91.11	90.70	90.64	90.57	90.52	90.50	90.45	
21	90.37	90.39	90.40	90.52	90.78	91.07	90.70	90.64	90.57	90.53	90.50	90.60	
22	90.38	90.40	90.40	90.54	90.74	91.02	90.69	90.64	90.57	90.52	90.51	90.50	
23	90.38	90.48	90.40	90.62	90.75	90.98	90.68	90.64	90.57	90.52	90.50	90.48	
24	90.37	90.44	90.41	90.71	90.72	90.94	90.71	90.64	90.57	90.52	90.50	90.47	
25	90.37	90.42	90.42	90.99	90.70	90.92	90.77	90.62	90.57	90.52	90.50	90.47	
26	90.38	90.40	90.41	90.87	90.68	90.89	90.74	90.62	90.56	90.52	90.49	90.46	
27	90.38	90.39	90.40	90.96	90.66	90.87	90.85	90.62	90.63	90.52	90.49	90.46	
28	90.37	90.39	90.42	90.85	90.66	90.85	90.74	90.63	90.59	90.52	90.48	90.46	
29	90.38	90.39	90.50	90.77	90.64	90.84	90.71	90.63	90.58	90.51		90.53	
30	90.38	90.39	90.44	90.95	90.62	90.85	90.70	90.62	90.58	90.51		90.52	
31		90.38		91.00	90.62		90.70		90.57	90.51		90.50	
Mean	90.38	90.40	90.45	90.60	90.85	90.97	90.76	90.66	90.59	90.53	90.50	90.48	
Max	90.48	90.49	90.60	91.00	91.48	91.94	90.92	90.76	90.63	90.57	90.54	90.60	91.94
Min	90.37	90.37	90.40	90.41	90.62	90.62	90.68	90.62	90.56	90.51	90.48	90.45	90.37
Annual Max Momentary Gage Height	92.52		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation		90.02		m. (MSL.) ,		River Bed	90.27		m. (MSL.)				
Left Bank Elevation		95.43		m. (MSL.) ,									
Right Bank Elevation		95.41		m. (MSL.) ,		Drainage Are	122		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	0.18	0.30	0.45	6.23	1.58	4.02	1.93	1.44	1.15	0.85	0.70	
2	0.18	0.18	0.30	0.40	12.27	1.44	3.40	1.86	1.44	1.15	0.85	0.70	
3	0.18	0.18	0.30	0.40	6.49	6.62	3.20	1.86	1.44	1.10	0.85	0.70	
4	0.70	0.18	0.30	0.40	6.49	3.70	2.90	2.24	1.44	1.10	0.85	0.70	
5	0.35	0.18	0.30	0.40	5.62	2.16	3.00	2.00	1.44	1.10	0.80	0.70	
6	0.30	0.12	0.45	0.35	4.24	2.24	2.80	1.79	1.44	1.05	0.80	0.70	
7	0.24	0.12	1.05	0.35	3.30	2.90	2.64	1.79	1.37	1.00	0.80	0.65	
8	0.24	0.75	1.20	0.40	3.00	2.32	2.64	1.79	1.37	1.00	0.80	0.65	
9	0.18	0.55	0.50	0.45	2.80	2.08	2.64	1.79	1.30	1.00	0.75	0.65	
10	0.12	0.35	0.75	1.00	2.64	4.46	2.56	1.79	1.30	1.00	0.75	0.65	
11	0.18	0.30	1.30	0.60	2.56	3.10	2.48	1.79	1.30	1.00	0.75	0.60	
12	0.18	0.24	1.15	2.00	3.10	2.56	2.40	1.72	1.25	1.00	0.75	0.60	
13	0.18	0.24	0.80	1.05	5.86	2.32	2.32	1.72	1.25	1.00	1.00	0.60	
14	0.18	0.24	0.60	1.15	4.79	14.52	2.32	1.86	1.25	1.00	0.90	0.60	
15	0.18	0.24	0.60	1.30	4.24	22.50	2.64	1.72	1.20	0.95	0.95	0.60	
16	0.12	0.18	0.50	1.10	3.50	12.19	2.32	2.48	1.20	0.90	0.90	0.55	
17	0.12	0.24	0.50	0.90	3.50	8.30	2.16	1.86	1.20	0.90	0.85	0.60	
18	0.12	0.18	0.40	0.70	3.10	5.14	2.16	1.72	1.15	0.90	0.85	0.60	
19	0.12	0.24	0.40	0.65	3.10	7.40	2.16	1.72	1.15	0.90	0.80	0.55	
20	0.12	0.24	0.35	0.60	2.80	6.23	2.00	1.58	1.15	0.90	0.80	0.55	
21	0.12	0.24	0.30	0.90	2.64	5.74	2.00	1.58	1.15	0.95	0.80	1.30	
22	0.18	0.30	0.30	1.00	2.32	5.14	1.93	1.58	1.15	0.90	0.85	0.80	
23	0.18	0.70	0.30	1.44	2.40	4.68	1.86	1.58	1.15	0.90	0.80	0.70	
24	0.12	0.50	0.35	2.08	2.16	4.24	2.08	1.58	1.15	0.90	0.80	0.65	
25	0.12	0.40	0.40	4.79	2.00	4.02	2.56	1.44	1.15	0.90	0.80	0.65	
26	0.18	0.30	0.35	3.50	1.86	3.70	2.32	1.44	1.10	0.90	0.75	0.60	
27	0.18	0.24	0.30	4.46	1.72	3.50	3.30	1.44	1.51	0.90	0.75	0.60	
28	0.12	0.24	0.40	3.30	1.72	3.30	2.32	1.51	1.25	0.90	0.70	0.60	
29	0.18	0.24	0.80	2.56	1.58	3.20	2.08	1.51	1.20	0.85		0.95	
30	0.18	0.24	0.50	4.35	1.44	3.30	2.00	1.44	1.20	0.85		0.90	
31		0.18		4.90	1.44		2.00		1.15	0.85		0.80	
Total	5.73	8.71	16.05	47.93	110.91	154.58	77.21	52.11	39.24	29.90	22.90	21.20	586.47 CMSDAY
Mean	0.19	0.28	0.54	1.55	3.58	5.15	2.49	1.74	1.27	0.96	0.82	0.68	1.61 CMS
Max	0.70	0.75	1.30	4.90	12.27	22.50	4.02	2.48	1.51	1.15	1.00	1.30	22.50 CMS
Min	0.12	0.12	0.30	0.35	1.44	1.44	1.86	1.44	1.10	0.85	0.70	0.55	0.12 CMS
Runoff	0.50	0.75	1.39	4.14	9.58	13.36	6.67	4.50	3.39	2.58	1.98	1.83	50.67 MCM
Momentary Peak	42.84	CMS.	at 92.52 m. (MSL.)	at 18.00 Hours	on Sep 14, 2005								
Runoff Yield	13.17	Liters/Second/Square KM.		Momentary Peak Yield	351.148	Liters/Second/Square KM.							

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Ong Thi at Ban Ong Thi , Kanchanaburi (K.39)

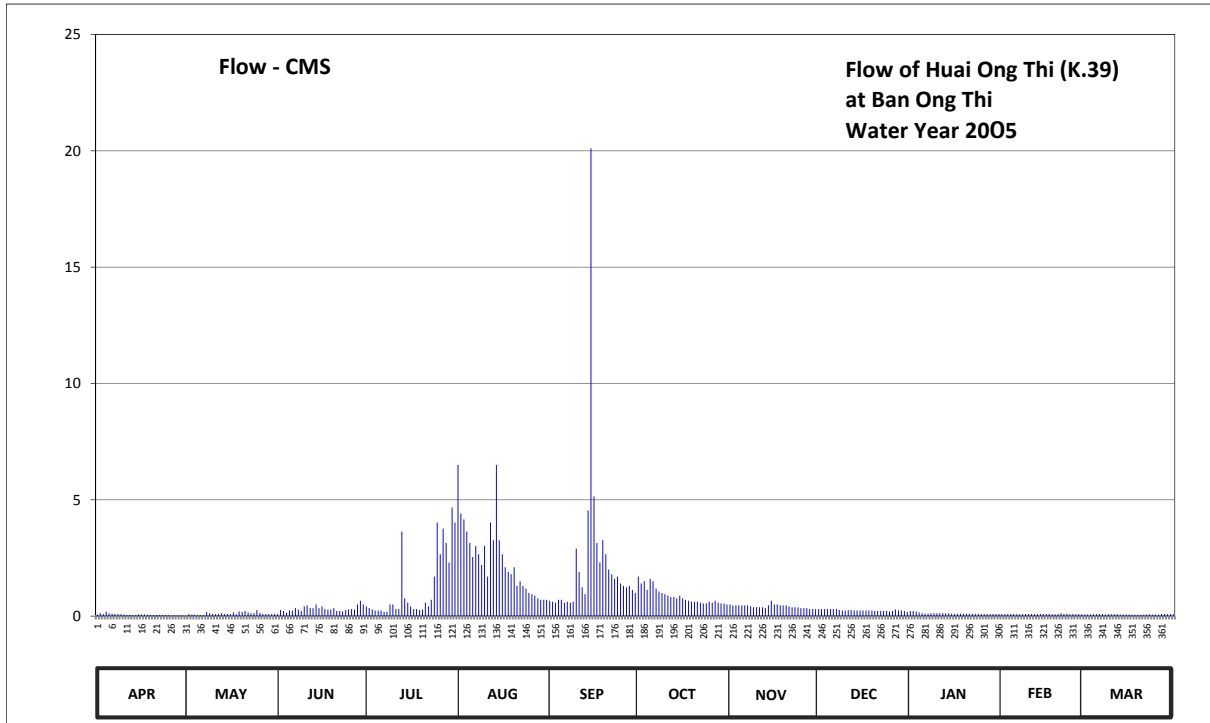
Lat 14 - 42 - 21 N Long 98 - 40 - 19 E

Location : on right bank at KM. 121+600 on Kanchanaburi - Thong Pha Phum Highway.

	Ban Ong Thi	Amphoe	Thong Pha Phum	Changwat	Kanchanaburi
Drainage Area	51	sq.km.			
Type of Gage	Staff gage				
Zero Gage at Bottom	+81.783 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On right bank about 16 meters from the third staff gage.			Elevation	+91.299 m. (MSL.)
Gage Reading Frequency	5-time daily reading at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1984 to date				
Rating Operation					
Period of Rating	1985 - 1990 , 1996 to date				
Rated by Flot	-				
Rated by Current Meter	1985 - 1990 , 1996 to date				
Stability of Channel Regimes	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 55 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	81.95	81.89	81.99	82.13	82.70	82.19	82.34	82.15	82.10	82.06	81.98	81.96	
2	82.01	81.98	82.08	82.11	82.57	82.18	82.31	82.14	82.10	82.06	81.98	81.96	
3	81.99	81.95	82.06	82.09	82.55	82.17	82.32	82.14	82.10	82.05	81.98	81.96	
4	82.05	81.94	82.02	82.07	82.51	82.20	82.27	82.14	82.10	82.03	81.98	81.97	
5	82.01	81.93	82.07	82.07	82.47	82.20	82.33	82.14	82.10	82.01	81.98	81.97	
6	82.00	81.92	82.07	82.07	82.42	82.17	82.32	82.14	82.10	82.00	81.97	81.98	
7	81.99	81.93	82.11	82.04	82.46	82.18	82.28	82.14	82.10	82.00	81.97	81.98	
8	81.98	82.04	82.09	82.04	82.43	82.17	82.26	82.13	82.08	82.01	81.97	81.96	
9	81.97	82.01	82.06	82.15	82.39	82.18	82.25	82.12	82.07	82.01	81.98	81.97	
10	81.95	81.99	82.13	82.15	82.46	82.45	82.24	82.12	82.07	82.01	81.98	81.97	
11	81.93	81.98	82.14	82.10	82.34	82.36	82.23	82.12	82.08	82.01	81.98	81.97	
12	81.94	81.99	82.11	82.10	82.54	82.29	82.22	82.12	82.08	82.01	81.99	81.97	
13	81.93	82.01	82.11	82.51	82.48	82.24	82.22	82.11	82.07	82.01	81.98	81.96	
14	81.93	81.99	82.15	82.21	82.70	82.58	82.21	82.14	82.07	82.01	81.99	81.96	
15	81.97	81.98	82.11	82.17	82.48	83.27	82.23	82.19	82.07	82.00	81.98	81.96	
16	81.96	81.97	82.13	82.13	82.43	82.62	82.21	82.15	82.07	82.00	81.98	81.96	
17	81.95	82.03	82.10	82.10	82.38	82.47	82.20	82.15	82.07	82.00	81.98	81.94	
18	81.94	81.97	82.09	82.10	82.36	82.40	82.19	82.14	82.07	82.00	81.97	81.94	
19	81.93	82.05	82.09	82.08	82.35	82.48	82.18	82.14	82.07	82.00	81.97	81.94	
20	81.93	82.04	82.11	82.09	82.38	82.43	82.18	82.14	82.06	82.00	81.97	81.94	
21	81.93	82.06	82.06	82.17	82.30	82.37	82.18	82.13	82.06	82.00	82.01	81.94	
22	81.93	82.03	82.06	82.13	82.32	82.35	82.17	82.12	82.06	82.00	81.99	81.95	
23	81.92	82.01	82.05	82.20	82.30	82.33	82.16	82.12	82.06	82.00	82.00	81.97	
24	81.92	82.01	82.08	82.34	82.28	82.34	82.16	82.12	82.06	82.00	81.99	81.96	
25	81.92	82.08	82.09	82.54	82.25	82.31	82.18	82.11	82.05	81.99	81.99	81.95	
26	81.90	82.02	82.10	82.43	82.24	82.30	82.17	82.11	82.06	81.98	81.97	81.94	
27	81.91	81.99	82.09	82.52	82.23	82.29	82.19	82.11	82.09	81.98	81.97	81.98	
28	81.90	81.99	82.15	82.47	82.21	82.30	82.17	82.10	82.07	81.98	81.97	81.98	
29	81.90	81.99	82.19	82.40	82.20	82.27	82.16	82.10	82.07	81.98		81.97	
30	81.89	81.99	82.15	82.59	82.20	82.25	82.16	82.10	82.06	81.98		81.98	
31		82.00		82.54	82.20		82.15		82.04	81.98		81.97	
Mean	81.95	81.99	82.09	82.22	82.39	82.34	82.22	82.13	82.07	82.00	81.98	81.96	
Max	82.05	82.08	82.19	82.59	82.70	83.27	82.34	82.19	82.10	82.06	82.01	81.98	83.27
Min	81.89	81.89	81.99	82.04	82.20	82.17	82.15	82.10	82.04	81.98	81.97	81.94	81.89
Annual Max Momentary Gage Height	83.44		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	81.78		m. (MSL.) ,			River Bed	81.69		m. (MSL.)				
Left Bank Elevation		85.46		m. (MSL.) ,									
Right Bank Elevation		84.66		m. (MSL.) ,		Drainage Are	51		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	0.03	0.09	0.42	6.50	0.66	1.70	0.50	0.30	0.22	0.09	0.07	
2	0.12	0.09	0.26	0.34	4.41	0.62	1.40	0.46	0.30	0.22	0.09	0.07	
3	0.09	0.07	0.22	0.28	4.15	0.58	1.50	0.46	0.30	0.20	0.09	0.07	
4	0.20	0.06	0.14	0.24	3.63	0.70	1.12	0.46	0.30	0.16	0.09	0.08	
5	0.12	0.05	0.24	0.24	3.14	0.70	1.60	0.46	0.30	0.12	0.09	0.08	
6	0.10	0.05	0.24	0.24	2.54	0.58	1.50	0.46	0.30	0.10	0.08	0.09	
7	0.09	0.05	0.34	0.18	3.02	0.62	1.18	0.46	0.30	0.10	0.08	0.09	
8	0.09	0.18	0.28	0.18	2.66	0.58	1.06	0.42	0.26	0.12	0.08	0.07	
9	0.08	0.12	0.22	0.50	2.20	0.62	1.00	0.38	0.24	0.12	0.09	0.08	
10	0.07	0.09	0.42	0.50	3.02	2.90	0.94	0.38	0.24	0.12	0.09	0.08	
11	0.05	0.09	0.46	0.30	1.70	1.90	0.88	0.38	0.26	0.12	0.09	0.08	
12	0.06	0.09	0.34	0.30	4.02	1.24	0.82	0.38	0.26	0.12	0.09	0.08	
13	0.05	0.12	0.34	3.63	3.26	0.94	0.82	0.34	0.24	0.12	0.09	0.07	
14	0.05	0.09	0.50	0.76	6.50	4.54	0.76	0.46	0.24	0.12	0.09	0.07	
15	0.08	0.09	0.34	0.58	3.26	20.10	0.88	0.66	0.24	0.10	0.09	0.07	
16	0.07	0.08	0.42	0.42	2.66	5.14	0.76	0.50	0.24	0.10	0.09	0.07	
17	0.07	0.16	0.30	0.30	2.10	3.14	0.70	0.50	0.24	0.10	0.09	0.06	
18	0.06	0.08	0.28	0.30	1.90	2.30	0.66	0.46	0.24	0.10	0.08	0.06	
19	0.05	0.20	0.28	0.26	1.80	3.26	0.62	0.46	0.24	0.10	0.08	0.06	
20	0.05	0.18	0.34	0.28	2.10	2.66	0.62	0.46	0.22	0.10	0.08	0.06	
21	0.05	0.22	0.22	0.58	1.30	2.00	0.62	0.42	0.22	0.10	0.12	0.06	
22	0.05	0.16	0.22	0.42	1.50	1.80	0.58	0.38	0.22	0.10	0.09	0.07	
23	0.05	0.12	0.20	0.70	1.30	1.60	0.54	0.38	0.22	0.10	0.10	0.08	
24	0.05	0.12	0.26	1.70	1.18	1.70	0.54	0.38	0.22	0.10	0.09	0.07	
25	0.05	0.26	0.28	4.02	1.00	1.40	0.62	0.34	0.20	0.09	0.09	0.07	
26	0.03	0.14	0.30	2.66	0.94	1.30	0.58	0.34	0.22	0.09	0.08	0.06	
27	0.04	0.09	0.28	3.76	0.88	1.24	0.66	0.34	0.28	0.09	0.08	0.09	
28	0.03	0.09	0.50	3.14	0.76	1.30	0.58	0.30	0.24	0.09	0.08	0.09	
29	0.03	0.09	0.66	2.30	0.70	1.12	0.54	0.30	0.24	0.09	0.08	0.08	
30	0.03	0.09	0.50	4.67	0.70	1.00	0.54	0.30	0.22	0.09	0.08	0.09	
31		0.10		4.02	0.70		0.50		0.18	0.09		0.08	
Total	2.03	3.45	9.47	38.22	75.53	68.24	26.82	12.52	7.72	3.59	2.47	2.30	252.36 CMSDAY
Mean	0.07	0.11	0.32	1.23	2.44	2.27	0.87	0.42	0.25	0.12	0.09	0.07	0.69 CMS
Max	0.20	0.26	0.66	4.67	6.50	20.10	1.70	0.66	0.30	0.22	0.12	0.09	20.10 CMS
Min	0.03	0.03	0.09	0.18	0.70	0.58	0.50	0.30	0.18	0.09	0.08	0.06	0.03 CMS
Runoff	0.18	0.30	0.82	3.30	6.53	5.90	2.32	1.08	0.67	0.31	0.21	0.20	21.80 MCM
Momentary Peak	25.90 CMS. at 83.44 m. (MSL.) at 12.00 Hours , on Sep 15 , 2005												
Runoff Yield	13.56 Liters/Second/Square KM. Momentary Peak Yield 507.843 Liters/Second/Square KM.												

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Diso at Ban Hin Laem , Kanchanaburi (K.50)

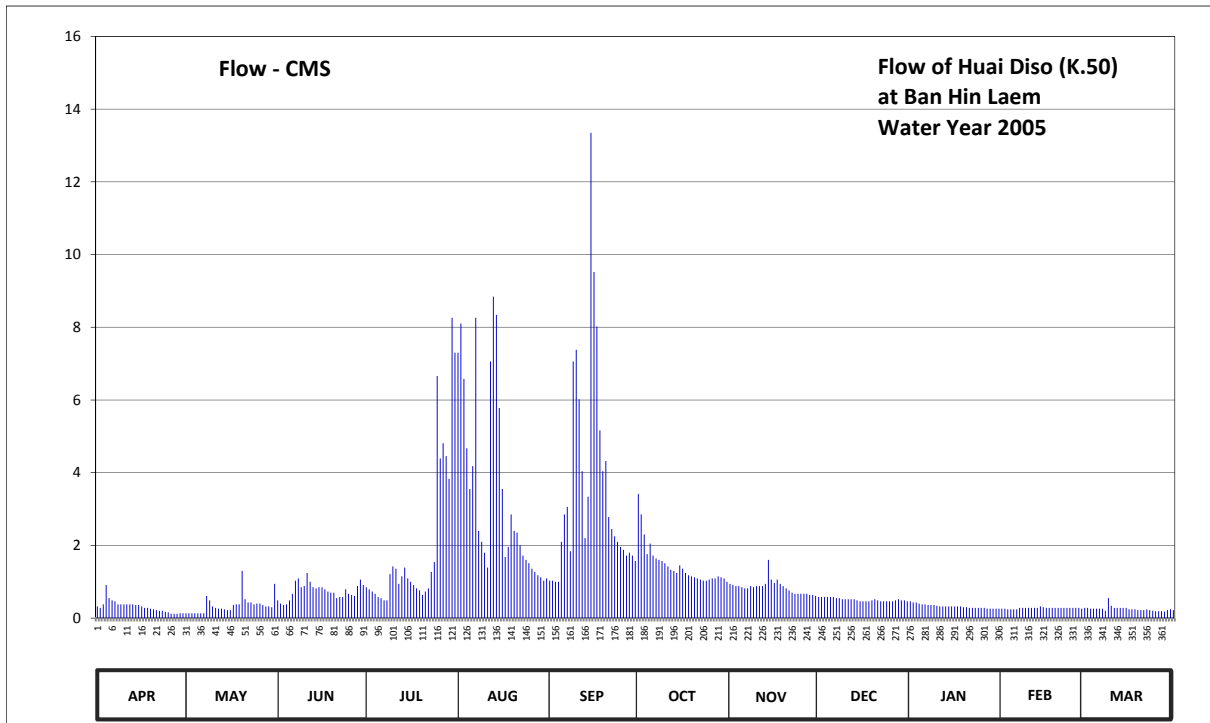
Lat 14 - 38 - 39 N Long 98 - 42 - 04 E

Location : on right bank at the bridge on Kanchanaburi - Thong Pha Phum Highway from Tambon Tha Khanun.

	Ban	Hin Laem	Amphoe	Thong Pha Phum	Changwat	Kanchanaburi
Drainage Area	123	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+79.811 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+85.827 m. (MSL.)
Gage Reading Frequency	5-time daily reading at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1986 to date					
Rating Operation						
Period of Rating	1987 , 1996 to date					
Rated by Flot	-					
Rated by Current Meter	1987, 1996 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 54 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	80.36	80.23	80.43	80.55	81.65	80.61	81.13	80.58	80.46	80.42	80.33	80.34	
2	80.34	80.23	80.40	80.53	81.75	80.61	81.05	80.57	80.46	80.41	80.33	80.34	
3	80.39	80.23	80.38	80.51	81.56	80.60	80.96	80.56	80.46	80.41	80.32	80.33	
4	80.57	80.23	80.39	80.49	81.31	80.60	80.84	80.56	80.46	80.40	80.32	80.33	
5	80.45	80.23	80.43	80.46	81.15	80.92	80.91	80.55	80.46	80.39	80.32	80.33	
6	80.43	80.23	80.49	80.45	81.24	81.05	80.83	80.54	80.46	80.39	80.32	80.33	
7	80.42	80.23	80.61	80.43	81.77	81.08	80.81	80.54	80.45	80.38	80.34	80.33	
8	80.39	80.47	80.63	80.43	80.98	80.86	80.80	80.56	80.45	80.38	80.34	80.30	
9	80.39	80.43	80.55	80.67	80.92	81.62	80.79	80.55	80.44	80.38	80.34	80.45	
10	80.39	80.36	80.56	80.74	80.85	81.66	80.77	80.56	80.44	80.37	80.34	80.37	
11	80.39	80.34	80.68	80.72	80.73	81.49	80.74	80.56	80.44	80.36	80.34	80.34	
12	80.39	80.33	80.60	80.58	81.62	81.22	80.71	80.56	80.44	80.36	80.34	80.34	
13	80.39	80.33	80.55	80.65	81.84	80.94	80.70	80.58	80.44	80.36	80.34	80.34	
14	80.38	80.32	80.54	80.73	81.78	81.12	80.68	80.80	80.43	80.36	80.36	80.34	
15	80.38	80.31	80.55	80.63	81.46	82.35	80.75	80.62	80.42	80.36	80.35	80.34	
16	80.36	80.31	80.55	80.60	81.15	81.92	80.72	80.59	80.42	80.36	80.34	80.32	
17	80.34	80.38	80.53	80.57	80.82	81.74	80.68	80.62	80.42	80.36	80.34	80.32	
18	80.34	80.39	80.51	80.54	80.89	81.38	80.66	80.58	80.42	80.36	80.34	80.32	
19	80.33	80.39	80.50	80.52	81.05	81.22	80.65	80.56	80.43	80.35	80.34	80.31	
20	80.32	80.70	80.50	80.48	80.98	81.26	80.64	80.54	80.44	80.35	80.34	80.31	
21	80.31	80.44	80.45	80.51	80.97	81.04	80.63	80.52	80.43	80.34	80.34	80.31	
22	80.30	80.41	80.46	80.54	80.90	80.99	80.62	80.50	80.42	80.34	80.34	80.32	
23	80.30	80.41	80.46	80.69	80.83	80.95	80.61	80.49	80.42	80.34	80.34	80.31	
24	80.27	80.39	80.53	80.78	80.80	80.92	80.61	80.49	80.42	80.34	80.34	80.30	
25	80.26	80.40	80.49	81.57	80.77	80.89	80.62	80.49	80.42	80.34	80.34	80.29	
26	80.22	80.40	80.48	81.27	80.72	80.87	80.63	80.49	80.42	80.34	80.34	80.29	
27	80.22	80.38	80.47	81.33	80.69	80.83	80.63	80.49	80.43	80.33	80.34	80.29	
28	80.22	80.36	80.56	81.28	80.66	80.85	80.65	80.48	80.44	80.33	80.33	80.28	
29	80.23	80.36	80.62	81.19	80.64	80.83	80.64	80.48	80.43	80.33		80.31	
30	80.23	80.35	80.57	81.77	80.61	80.79	80.63	80.47	80.43	80.33		80.32	
31		80.58		81.65	80.63		80.60		80.42	80.33		80.31	
Mean	80.34	80.36	80.52	80.77	81.09	81.11	80.73	80.55	80.44	80.36	80.34	80.32	
Max	80.57	80.70	80.68	81.77	81.84	82.35	81.13	80.80	80.46	80.42	80.36	80.45	82.35
Min	80.22	80.23	80.38	80.43	80.61	80.60	80.60	80.47	80.42	80.33	80.32	80.28	80.22
Annual Max Momentary Gage Height	82.41		m. (MSL.) ,				at 09.00 Hours ,	on Sep 15 , 2005					
Zero Gage at Bottom Elevation	79.81		m. (MSL.) ,			River Bed	79.99	m. (MSL.)					
Left Bank Elevation		82.97		m. (MSL.) ,									
Right Bank Elevation		82.84		m. (MSL.) ,		Drainage Are	123	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual			
1	0.32	0.13	0.49	0.85	7.30	1.03	3.41	0.94	0.58	0.46	0.26	0.28				
2	0.28	0.13	0.40	0.79	8.10	1.03	2.85	0.91	0.58	0.43	0.26	0.28				
3	0.38	0.13	0.36	0.73	6.58	1.00	2.30	0.88	0.58	0.43	0.24	0.26				
4	0.91	0.13	0.38	0.67	4.67	1.00	1.76	0.88	0.58	0.40	0.24	0.26				
5	0.55	0.13	0.49	0.58	3.55	2.10	2.05	0.85	0.58	0.38	0.24	0.26				
6	0.49	0.13	0.67	0.55	4.18	2.85	1.72	0.82	0.58	0.38	0.24	0.26				
7	0.46	0.13	1.03	0.49	8.26	3.06	1.64	0.82	0.55	0.36	0.28	0.26				
8	0.38	0.61	1.09	0.49	2.40	1.84	1.60	0.88	0.55	0.36	0.28	0.20				
9	0.38	0.49	0.85	1.21	2.10	7.06	1.57	0.85	0.52	0.36	0.28	0.55				
10	0.38	0.32	0.88	1.42	1.80	7.38	1.51	0.88	0.52	0.34	0.28	0.34				
11	0.38	0.28	1.24	1.36	1.39	6.02	1.42	0.88	0.52	0.32	0.28	0.28				
12	0.38	0.26	1.00	0.94	7.06	4.04	1.33	0.88	0.52	0.32	0.28	0.28				
13	0.38	0.26	0.85	1.15	8.84	2.20	1.30	0.94	0.52	0.32	0.28	0.28				
14	0.36	0.24	0.82	1.39	8.34	3.34	1.24	1.60	0.49	0.32	0.32	0.28				
15	0.36	0.22	0.85	1.09	5.78	13.35	1.45	1.06	0.46	0.32	0.30	0.28				
16	0.32	0.22	0.85	1.00	3.55	9.52	1.36	0.97	0.46	0.32	0.28	0.24				
17	0.28	0.36	0.79	0.91	1.68	8.02	1.24	1.06	0.46	0.32	0.28	0.24				
18	0.28	0.38	0.73	0.82	1.96	5.16	1.18	0.94	0.46	0.32	0.28	0.24				
19	0.26	0.38	0.70	0.76	2.85	4.04	1.15	0.88	0.49	0.30	0.28	0.22				
20	0.24	1.30	0.70	0.64	2.40	4.32	1.12	0.82	0.52	0.30	0.28	0.22				
21	0.22	0.52	0.55	0.73	2.35	2.78	1.09	0.76	0.49	0.28	0.28	0.22				
22	0.20	0.43	0.58	0.82	2.00	2.45	1.06	0.70	0.46	0.28	0.28	0.24				
23	0.20	0.43	0.58	1.27	1.72	2.25	1.03	0.67	0.46	0.28	0.28	0.22				
24	0.17	0.38	0.79	1.54	1.60	2.10	1.03	0.67	0.46	0.28	0.28	0.20				
25	0.16	0.40	0.67	6.66	1.51	1.96	1.06	0.67	0.46	0.28	0.28	0.19				
26	0.12	0.40	0.64	4.39	1.36	1.88	1.09	0.67	0.46	0.28	0.28	0.19				
27	0.12	0.36	0.61	4.81	1.27	1.72	1.09	0.67	0.49	0.26	0.28	0.19				
28	0.12	0.32	0.88	4.46	1.18	1.80	1.15	0.64	0.52	0.26	0.26	0.18				
29	0.13	0.32	1.06	3.83	1.12	1.72	1.12	0.64	0.49	0.26		0.22				
30	0.13	0.30	0.91	8.26	1.03	1.57	1.09	0.61	0.49	0.26		0.24				
31		0.94		7.30	1.09		1.00		0.46	0.26		0.22				
Total	9.34	11.03	22.44	61.91	109.02	108.59	45.01	25.44	15.76	10.04	7.68	7.82	434.08 CMSDAY			
Mean	0.31	0.36	0.75	2.00	3.52	3.62	1.45	0.85	0.51	0.32	0.27	0.25	1.19 CMS			
Max	0.91	1.30	1.24	8.26	8.84	13.35	3.41	1.60	0.58	0.46	0.32	0.55	13.35 CMS			
Min	0.12	0.13	0.36	0.49	1.03	1.00	1.00	0.61	0.46	0.26	0.24	0.18	0.12 CMS			
Runoff	0.81	0.95	1.94	5.35	9.42	9.38	3.89	2.20	1.36	0.87	0.66	0.68	37.51 MCM			
Momentary Peak	13.89	CMS. at 82.41 m. (MSL.) at 09.00 Hours , on Sep 15 , 2005														
Runoff Yield	9.67	Liters/Second/Square KM.											Momentary Peak Yield	112.927	Liters/Second/Square KM.	

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Mae Kraban at Ban Si Mong Khon, Kanchanaburi (K.53)

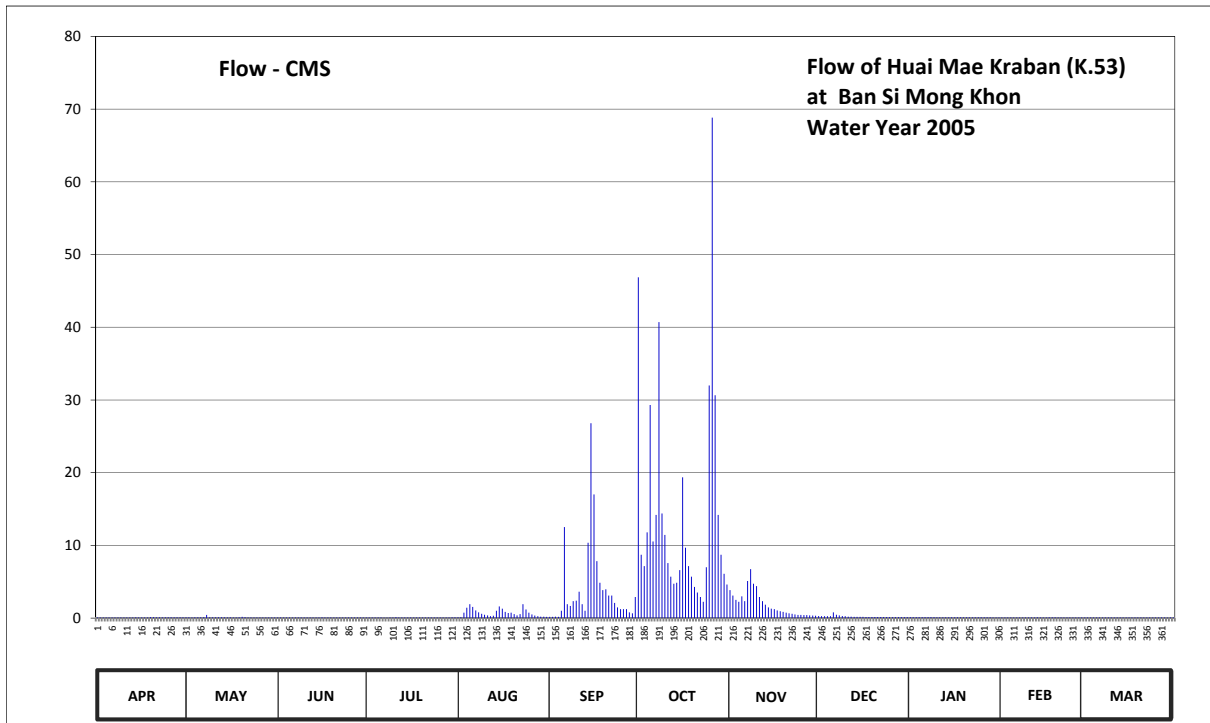
Lat 14 - 01 - 38 N Long 99 - 13 - 23 E

Location : on right bank at the bridge on road.

	Ban Si Mong Khon	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	308 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+34.625 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 20 meters from the top staff gage.	Elevation	+40.952 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1992 to date		
Rating Operation			
Period of Rating	1992 to date		
Rated by Flot	-		
Rated by Current Meter	1992 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +39.720 m.(M.S.L.)and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 56 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	36.08	36.10	36.09	36.08	36.11	36.17	38.69	36.74	36.23	36.13	36.09	36.09	
2	36.09	36.10	36.09	36.08	36.12	36.18	37.12	36.67	36.22	36.13	36.09	36.09	
3	36.09	36.09	36.09	36.08	36.35	36.19	37.01	36.61	36.22	36.13	36.09	36.09	
4	36.09	36.10	36.09	36.08	36.47	36.17	37.30	36.58	36.22	36.13	36.09	36.09	
5	36.09	36.10	36.09	36.08	36.54	36.40	38.10	36.66	36.22	36.13	36.09	36.09	
6	36.09	36.10	36.09	36.08	36.49	37.34	37.23	36.59	36.36	36.12	36.09	36.09	
7	36.09	36.12	36.09	36.07	36.41	36.54	37.43	36.85	36.29	36.12	36.09	36.09	
8	36.09	36.28	36.09	36.07	36.36	36.51	38.49	36.98	36.26	36.12	36.09	36.09	
9	36.09	36.11	36.09	36.08	36.32	36.59	37.44	36.82	36.23	36.12	36.09	36.09	
10	36.09	36.10	36.09	36.08	36.29	36.60	37.28	36.79	36.22	36.11	36.09	36.09	
11	36.09	36.10	36.09	36.14	36.26	36.72	37.04	36.65	36.20	36.11	36.09	36.09	
12	36.09	36.10	36.09	36.09	36.22	36.54	36.90	36.59	36.19	36.11	36.09	36.09	
13	36.09	36.10	36.09	36.09	36.24	36.40	36.82	36.53	36.18	36.11	36.10	36.09	
14	36.10	36.10	36.09	36.09	36.40	37.22	36.83	36.48	36.18	36.11	36.09	36.09	
15	36.09	36.09	36.09	36.09	36.50	38.00	36.97	36.45	36.17	36.11	36.09	36.09	
16	36.09	36.10	36.10	36.09	36.45	37.57	37.68	36.44	36.17	36.11	36.09	36.08	
17	36.09	36.09	36.09	36.09	36.37	37.06	37.18	36.41	36.16	36.11	36.10	36.08	
18	36.09	36.09	36.09	36.09	36.34	36.83	37.01	36.39	36.16	36.11	36.10	36.08	
19	36.12	36.10	36.09	36.09	36.35	36.74	36.90	36.37	36.16	36.10	36.10	36.09	
20	36.12	36.17	36.09	36.09	36.31	36.75	36.78	36.35	36.15	36.10	36.09	36.08	
21	36.10	36.14	36.09	36.09	36.26	36.67	36.71	36.33	36.15	36.10	36.09	36.08	
22	36.10	36.09	36.09	36.09	36.31	36.67	36.65	36.32	36.15	36.10	36.09	36.09	
23	36.10	36.09	36.08	36.09	36.54	36.56	36.58	36.30	36.15	36.10	36.09	36.08	
24	36.10	36.09	36.08	36.09	36.43	36.48	37.00	36.28	36.15	36.10	36.09	36.08	
25	36.10	36.09	36.08	36.09	36.35	36.44	38.20	36.28	36.14	36.10	36.09	36.08	
26	36.10	36.09	36.08	36.09	36.30	36.44	39.34	36.27	36.14	36.10	36.09	36.08	
27	36.10	36.09	36.08	36.09	36.25	36.44	38.15	36.27	36.14	36.10	36.09	36.08	
28	36.10	36.09	36.08	36.09	36.22	36.36	37.43	36.26	36.14	36.10	36.09	36.08	
29	36.10	36.09	36.09	36.09	36.20	36.33	37.12	36.25	36.14	36.09		36.07	
30	36.10	36.09	36.09	36.11	36.19	36.65	36.93	36.24	36.14	36.09		36.08	
31		36.09		36.10	36.18		36.81		36.14	36.09		36.08	
Mean	36.10	36.11	36.09	36.09	36.33	36.65	37.33	36.49	36.19	36.11	36.09	36.09	
Max	36.12	36.28	36.10	36.14	36.54	38.00	39.34	36.98	36.36	36.13	36.10	36.09	39.34
Min	36.08	36.09	36.08	36.07	36.11	36.17	36.58	36.24	36.14	36.09	36.09	36.07	36.07
Annual Max Momentary Gage Height	40.83		m. (MSL.) ,				at 04.00 Hours , on Oct 1 , 2005						
Zero Gage at Bottom Elevation	34.63		m. (MSL.) ,			River Bed	35.94	m. (MSL.)					
Left Bank Elevation		39.72	m. (MSL.) ,										
Right Bank Elevation		39.73	m. (MSL.) ,		Drainage Are	308	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.08	0.10	0.09	0.08	0.11	0.17	46.88	3.84	0.29	0.13	0.09	0.09	
2	0.09	0.10	0.09	0.08	0.12	0.18	8.72	3.10	0.26	0.13	0.09	0.09	
3	0.09	0.09	0.09	0.08	0.75	0.19	7.14	2.50	0.26	0.13	0.09	0.09	
4	0.09	0.10	0.09	0.08	1.42	0.17	11.80	2.24	0.26	0.13	0.09	0.09	
5	0.09	0.10	0.09	0.08	1.92	1.00	29.30	3.00	0.26	0.13	0.09	0.09	
6	0.09	0.10	0.09	0.08	1.54	12.52	10.54	2.32	0.80	0.12	0.09	0.09	
7	0.09	0.12	0.09	0.07	1.06	1.92	14.20	5.10	0.47	0.12	0.09	0.09	
8	0.09	0.44	0.09	0.07	0.80	1.68	40.70	6.74	0.38	0.12	0.09	0.09	
9	0.09	0.11	0.09	0.08	0.60	2.32	14.40	4.74	0.29	0.12	0.09	0.09	
10	0.09	0.10	0.09	0.08	0.47	2.40	11.44	4.39	0.26	0.11	0.09	0.09	
11	0.09	0.10	0.09	0.14	0.38	3.62	7.56	2.90	0.20	0.11	0.09	0.09	
12	0.09	0.10	0.09	0.09	0.26	1.92	5.70	2.32	0.19	0.11	0.09	0.09	
13	0.09	0.10	0.09	0.09	0.32	1.00	4.74	1.84	0.18	0.11	0.10	0.09	
14	0.10	0.10	0.09	0.09	1.00	10.36	4.86	1.48	0.18	0.11	0.09	0.09	
15	0.09	0.09	0.09	0.09	1.60	26.80	6.61	1.30	0.17	0.11	0.09	0.09	
16	0.09	0.10	0.10	0.09	1.30	17.00	19.36	1.24	0.17	0.11	0.09	0.08	
17	0.09	0.09	0.09	0.09	0.85	7.84	9.68	1.06	0.16	0.11	0.10	0.08	
18	0.09	0.09	0.09	0.09	0.70	4.86	7.14	0.95	0.16	0.11	0.10	0.08	
19	0.12	0.10	0.09	0.09	0.75	3.84	5.70	0.85	0.16	0.10	0.10	0.09	
20	0.12	0.17	0.09	0.09	0.55	3.95	4.28	0.75	0.15	0.10	0.09	0.08	
21	0.10	0.14	0.09	0.09	0.38	3.10	3.51	0.65	0.15	0.10	0.09	0.08	
22	0.10	0.09	0.09	0.09	0.55	3.10	2.90	0.60	0.15	0.10	0.09	0.09	
23	0.10	0.09	0.08	0.09	1.92	2.08	2.24	0.50	0.15	0.10	0.09	0.08	
24	0.10	0.09	0.08	0.09	1.18	1.48	7.00	0.44	0.15	0.10	0.09	0.08	
25	0.10	0.09	0.08	0.09	0.75	1.24	32.00	0.44	0.14	0.10	0.09	0.08	
26	0.10	0.09	0.08	0.09	0.50	1.24	68.84	0.41	0.14	0.10	0.09	0.08	
27	0.10	0.09	0.08	0.09	0.35	1.24	30.65	0.41	0.14	0.10	0.09	0.08	
28	0.10	0.09	0.08	0.09	0.26	0.80	14.20	0.38	0.14	0.10	0.09	0.08	
29	0.10	0.09	0.09	0.09	0.20	0.65	8.72	0.35	0.14	0.09	0.09	0.07	
30	0.10	0.09	0.09	0.11	0.19	2.90	6.09	0.32	0.14	0.09	0.09	0.08	
31		0.09		0.10	0.18		4.62		0.14	0.09		0.08	
Total	2.86	3.44	2.65	2.75	22.96	121.57	451.52	57.16	6.83	3.39	2.56	2.64	680.33 CMSDAY
Mean	0.10	0.11	0.09	0.09	0.74	4.05	14.57	1.91	0.22	0.11	0.09	0.09	1.86 CMS
Max	0.12	0.44	0.10	0.14	1.92	26.80	68.84	6.74	0.80	0.13	0.10	0.09	68.84 CMS
Min	0.08	0.09	0.08	0.07	0.11	0.17	2.24	0.32	0.14	0.09	0.09	0.07	0.07 CMS
Runoff	0.25	0.30	0.23	0.24	1.98	10.50	39.01	4.94	0.59	0.29	0.22	0.23	58.78 MCM
Momentary Peak	195.60 CMS. at 40.83 m. (MSL.) at 04.00 Hours , on Oct 1 , 2005												
Runoff Yield	6.05 Liters/Second/Square KM.			Momentary Peak Yield 635.065 Liters/Second/Square KM.									

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Khwaee Noi River at Ban Lin Thin , Kanchanaburi (K.54)

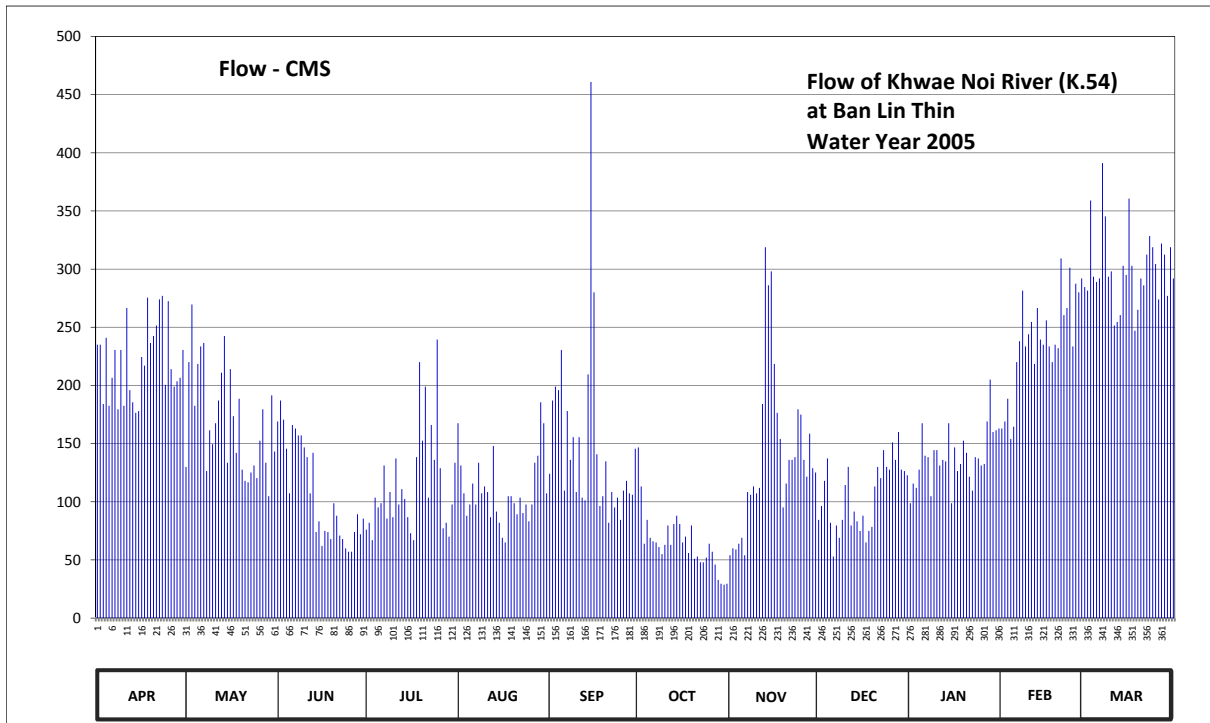
Lat 14 - 32 - 04 N Long 98 - 47 - 30 E

Location : on right bank at the bridge on road.

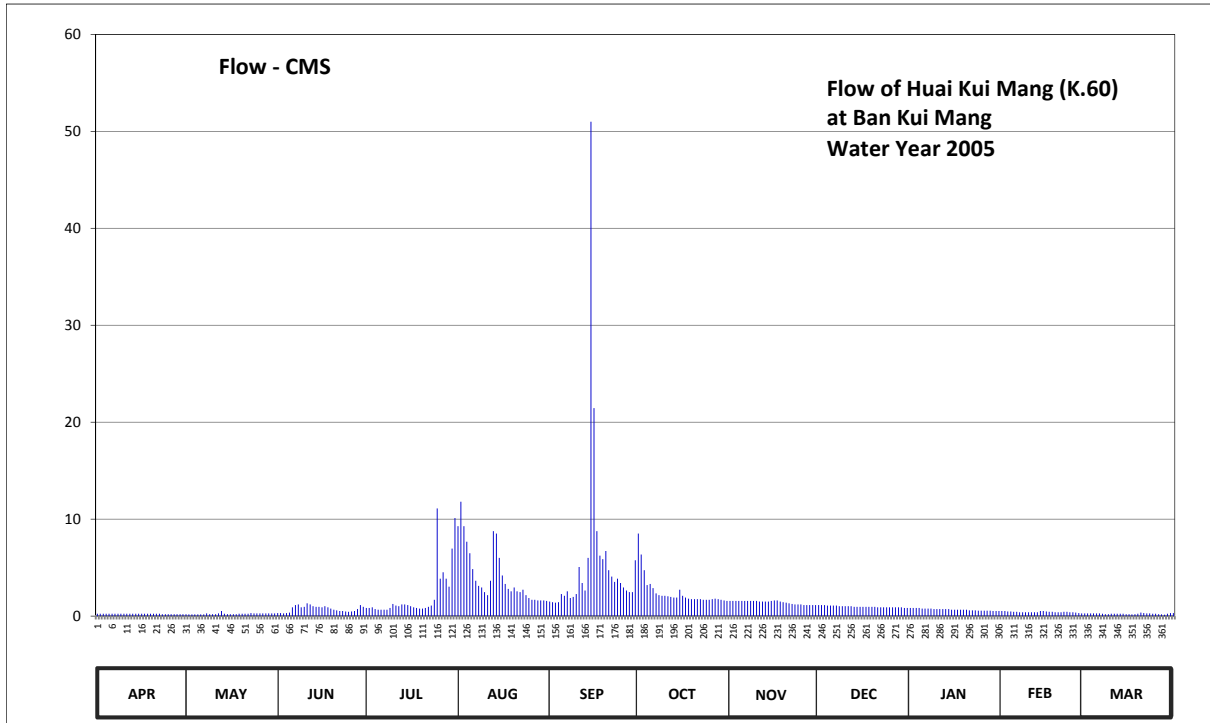
	Ban Lin Thin	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	4,774 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+60.540 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 40 meters from the gage observer's house.	Elevation	+75.155 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1996 to date		
Rating Operation			
Period of Rating	1996 to date		
Rated by Flot	-		
Rated by Current Meter	1996 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Khao Laem Dam. Stage-discharge relation defined by 61 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	63.58	62.85	63.14	62.40	63.13	62.80	62.99	62.18	62.47	62.59	63.10	63.91	
2	63.58	63.48	63.26	62.45	62.86	63.26	62.71	62.24	62.57	62.73	63.14	63.89	
3	63.24	63.81	63.15	62.31	62.66	63.34	62.28	62.23	62.75	62.70	63.27	64.37	
4	63.62	63.23	62.98	62.63	62.50	63.32	62.47	62.28	62.91	62.83	63.04	63.97	
5	63.23	63.47	62.66	62.56	62.58	63.55	62.33	62.33	62.45	63.13	63.11	63.94	
6	63.39	63.57	63.12	62.59	62.73	62.68	62.30	62.18	62.17	62.93	63.48	63.96	
7	63.55	63.59	63.10	62.86	62.58	63.20	62.29	62.67	62.43	62.92	63.60	64.56	
8	63.21	62.82	63.06	62.48	62.88	62.90	62.25	62.65	62.33	62.64	63.89	64.29	
9	63.55	63.09	63.06	62.67	62.66	63.05	62.19	62.71	62.47	62.97	63.57	63.97	
10	63.23	63.01	62.99	62.49	62.71	62.67	62.27	62.66	62.72	62.97	63.64	64.00	
11	63.79	63.13	62.92	62.91	62.67	63.05	62.43	62.70	62.85	62.86	63.71	63.69	
12	63.32	63.26	62.66	62.58	62.49	62.63	62.27	63.24	62.43	62.90	63.47	63.71	
13	63.25	63.42	62.95	62.69	63.00	62.61	62.44	64.13	62.53	62.89	63.79	63.75	
14	63.19	63.63	62.38	62.62	62.53	63.41	62.50	63.92	62.46	63.13	63.61	64.03	
15	63.20	62.88	62.46	62.49	62.45	64.97	62.44	64.00	62.39	62.59	63.58	63.98	
16	63.51	63.44	62.26	62.37	62.33	63.88	62.29	63.47	62.50	62.99	63.72	64.38	
17	63.46	63.17	62.39	62.31	62.29	62.94	62.34	63.19	62.29	62.82	63.57	64.03	
18	63.85	62.95	62.38	62.92	62.64	62.57	62.20	63.04	62.39	62.87	63.48	63.66	
19	63.59	63.27	62.32	63.48	62.64	62.64	62.43	62.56	62.42	63.03	63.58	63.78	
20	63.63	62.83	62.59	63.03	62.59	62.89	62.15	62.73	62.71	62.95	63.56	63.96	
21	63.69	62.75	62.50	63.34	62.51	62.45	62.17	62.90	62.85	62.78	64.07	63.92	
22	63.84	62.74	62.35	62.63	62.63	62.67	62.12	62.90	62.77	62.68	63.75	64.09	
23	63.86	62.81	62.32	63.12	62.52	62.56	62.12	62.92	62.97	62.92	63.79	64.19	
24	63.35	62.86	62.24	62.90	62.58	62.63	62.16	63.21	62.85	62.91	64.02	64.13	
25	63.83	62.77	62.21	63.61	62.46	62.47	62.28	63.18	62.83	62.86	63.57	64.04	
26	63.44	63.03	62.21	62.84	62.58	62.68	62.21	62.90	63.02	62.87	63.93	63.84	
27	63.34	63.21	62.38	62.41	62.88	62.75	62.10	62.78	62.90	63.14	63.88	64.15	
28	63.37	62.88	62.51	62.45	62.93	62.66	61.96	63.07	63.08	63.38	63.96	64.09	
29	63.39	62.64	62.36	62.34	63.25	62.65	61.92	62.84	62.83	63.08	63.86	63.86	
30	63.55	63.29	62.48	62.58	63.13	62.98	61.91	62.81	62.82	63.09	64.13	64.13	
31		62.96		62.88	62.66		61.92		62.79	63.10	63.96		
Mean	63.49	63.12	62.65	62.71	62.68	62.96	62.27	62.89	62.64	62.91	63.60	64.01	
Max	63.86	63.81	63.26	63.61	63.25	64.97	62.99	64.13	63.08	63.38	64.07	64.56	64.97
Min	63.19	62.64	62.21	62.31	62.29	62.45	61.91	62.18	62.17	62.59	63.04	63.66	61.91
Annual Max Momentary Gage Height	65.52		m. (MSL.) ,				at 05.00 Hours ,						
Zero Gage at Bottom Elevation	60.54		m. (MSL.) ,			River Bed	59.13	m. (MSL.)					
Left Bank Elevation		68.21		m. (MSL.) ,									
Right Bank Elevation		68.21		m. (MSL.) ,		Drainage Are	4,774	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	235.00	130.00	169.00	76.00	167.50	124.00	146.80	54.00	84.40	98.80	163.00	284.50		
2	235.00	220.00	187.00	82.00	131.20	187.00	113.20	60.00	96.40	115.60	169.00	281.50		
3	184.00	269.50	170.50	67.00	107.20	199.00	64.00	59.00	118.00	112.00	188.50	358.90		
4	241.00	182.50	145.60	103.60	88.00	196.00	84.40	64.00	137.20	127.60	154.00	293.50		
5	182.50	218.50	107.20	95.20	97.60	230.50	69.00	69.00	82.00	167.50	164.50	289.00		
6	206.50	233.50	166.00	98.80	115.60	109.60	66.00	54.00	53.00	139.60	220.00	292.00		
7	230.50	236.50	163.00	131.20	97.60	178.00	65.00	108.40	79.60	138.40	238.00	391.20		
8	179.50	126.40	157.00	85.60	133.60	136.00	61.00	106.00	69.00	104.80	281.50	345.30		
9	230.50	161.50	157.00	108.40	107.20	155.50	55.00	113.20	84.40	144.40	233.50	293.50		
10	182.50	149.50	146.80	86.80	113.20	108.40	63.00	107.20	114.40	144.40	244.00	298.00		
11	266.50	167.50	138.40	137.20	108.40	155.50	79.60	112.00	130.00	131.20	254.50	251.50		
12	196.00	187.00	107.20	97.60	86.80	103.60	63.00	184.00	79.60	136.00	218.50	254.50		
13	185.50	211.00	142.00	110.80	148.00	101.20	80.80	318.80	91.60	134.80	266.50	260.50		
14	176.50	242.50	74.00	102.40	91.60	209.50	88.00	286.00	83.20	167.50	239.50	302.80		
15	178.00	133.60	83.20	86.80	82.00	460.90	80.80	298.00	75.00	98.80	235.00	295.00		
16	224.50	214.00	62.00	73.00	69.00	280.00	65.00	218.50	88.00	146.80	256.00	360.60		
17	217.00	173.50	75.00	67.00	65.00	140.80	70.00	176.50	65.00	126.40	233.50	302.80		
18	275.50	142.00	74.00	138.40	104.80	96.40	56.00	154.00	75.00	132.40	220.00	247.00		
19	236.50	188.50	68.00	220.00	104.80	104.80	79.60	95.20	78.40	152.50	235.00	265.00		
20	242.50	127.60	98.80	152.50	98.80	134.80	51.00	115.60	113.20	142.00	232.00	292.00		
21	251.50	118.00	88.00	199.00	89.20	82.00	53.00	136.00	130.00	121.60	309.20	286.00		
22	274.00	116.80	71.00	103.60	103.60	108.40	48.00	136.00	120.40	109.60	260.50	312.40		
23	277.00	125.20	68.00	166.00	90.40	95.20	48.00	138.40	144.40	138.40	266.50	328.40		
24	200.50	131.20	60.00	136.00	97.60	103.60	52.00	179.50	130.00	137.20	301.20	318.80		
25	272.50	120.40	57.00	239.50	83.20	84.40	64.00	175.00	127.60	131.20	233.50	304.40		
26	214.00	152.50	57.00	128.80	97.60	109.60	57.00	136.00	151.00	132.40	287.50	274.00		
27	199.00	179.50	74.00	77.20	133.60	118.00	46.00	121.60	136.00	169.00	280.00	322.00		
28	203.50	133.60	89.20	82.00	139.60	107.20	32.80	158.50	160.00	205.00	292.00	312.40		
29	206.50	104.80	72.00	70.00	185.50	106.00	29.60	128.80	127.60	160.00		277.00		
30	230.50	191.50	85.60	97.60	167.50	145.60	28.80	125.20	126.40	161.50		318.80		
31		143.20		133.60	107.20		29.60		122.80	163.00		292.00		
Total	6634.50	5231.80	3213.50	3553.60	3412.90	4471.50	1990.00	4188.40	3273.60	4290.40	6676.90	9305.30	56242.41	CMSDAY
Mean	221.15	168.77	107.12	114.63	110.09	149.05	64.19	139.61	105.60	138.40	238.46	300.17	154.09	CMS
Max	277.00	269.50	187.00	239.50	185.50	460.90	146.80	318.80	160.00	205.00	309.20	391.20	460.90	CMS
Min	176.50	104.80	57.00	67.00	65.00	82.00	28.80	54.00	53.00	98.80	154.00	247.00	28.80	CMS
Runoff	573.22	452.03	277.65	307.03	294.88	386.34	171.94	361.88	282.84	370.69	576.88	803.98	4859.34	MCM
Momentary Peak	554.40	CMS.	at 65.52 m. (MSL.)	at 05.00 Hours	on Sep 15, 2005									
Runoff Yield	32.28	Liters/Second/Square KM.			Momentary Peak Yield	116.129	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	0.20	0.32	0.84	9.28	1.50	8.52	1.56	1.14	0.84	0.52	0.28	
2	0.24	0.18	0.32	0.84	11.80	1.44	6.36	1.56	1.14	0.84	0.52	0.28	
3	0.24	0.18	0.28	0.90	9.28	1.38	4.74	1.56	1.14	0.84	0.48	0.28	
4	0.24	0.18	0.32	0.72	7.68	1.44	3.20	1.56	1.08	0.84	0.48	0.28	
5	0.24	0.18	0.36	0.66	6.48	2.28	3.31	1.56	1.08	0.78	0.44	0.28	
6	0.24	0.18	0.90	0.66	4.85	2.10	2.88	1.56	1.08	0.78	0.44	0.28	
7	0.24	0.18	1.14	0.66	3.64	2.56	2.34	1.56	1.08	0.78	0.40	0.24	
8	0.24	0.28	1.20	0.66	3.12	1.86	2.16	1.56	1.02	0.78	0.40	0.20	
9	0.24	0.20	0.90	0.84	2.96	1.98	2.10	1.56	1.02	0.72	0.40	0.20	
10	0.24	0.20	0.96	1.26	2.48	2.28	2.10	1.56	1.02	0.72	0.40	0.24	
11	0.24	0.20	1.32	1.08	2.16	5.07	2.04	1.50	1.02	0.72	0.40	0.24	
12	0.24	0.28	1.20	1.02	3.64	3.42	1.98	1.50	1.02	0.72	0.40	0.24	
13	0.24	0.52	1.02	1.20	8.76	2.64	1.92	1.50	0.96	0.72	0.40	0.24	
14	0.24	0.24	0.96	1.20	8.52	6.00	1.92	1.50	0.96	0.72	0.52	0.24	
15	0.24	0.20	0.96	1.14	6.00	50.99	2.72	1.56	0.96	0.66	0.52	0.20	
16	0.24	0.20	0.90	1.02	4.19	21.46	2.10	1.62	0.96	0.66	0.48	0.20	
17	0.24	0.20	1.02	0.90	3.31	8.76	1.92	1.62	0.96	0.66	0.44	0.18	
18	0.24	0.20	0.90	0.84	2.80	6.24	1.80	1.50	0.96	0.66	0.44	0.20	
19	0.24	0.24	0.78	0.78	2.56	5.88	1.74	1.44	0.96	0.66	0.40	0.24	
20	0.24	0.24	0.66	0.78	2.96	6.72	1.74	1.38	0.96	0.66	0.40	0.36	
21	0.24	0.24	0.60	0.84	2.56	4.74	1.74	1.32	0.90	0.60	0.40	0.32	
22	0.24	0.24	0.52	0.96	2.48	4.08	1.74	1.26	0.90	0.60	0.44	0.28	
23	0.20	0.32	0.52	1.08	2.72	3.53	1.68	1.20	0.90	0.60	0.44	0.28	
24	0.20	0.28	0.48	1.68	2.16	3.86	1.68	1.20	0.90	0.56	0.40	0.24	
25	0.20	0.28	0.44	11.10	1.86	3.42	1.68	1.20	0.90	0.56	0.40	0.24	
26	0.20	0.28	0.48	3.86	1.68	2.96	1.74	1.14	0.90	0.56	0.36	0.20	
27	0.20	0.28	0.52	4.52	1.68	2.64	1.80	1.14	0.90	0.56	0.32	0.18	
28	0.20	0.28	0.72	3.86	1.62	2.48	1.74	1.14	0.90	0.56	0.28	0.14	
29	0.20	0.28	1.14	3.04	1.62	2.48	1.68	1.14	0.90	0.52		0.24	
30	0.20	0.28	0.96	6.96	1.62	5.76	1.62	1.14	0.84	0.52		0.32	
31		0.28		10.12	1.56		1.56		0.84	0.52		0.32	
Total	6.88	7.52	22.80	66.02	128.03	171.95	76.25	42.60	30.30	20.92	11.92	7.66	592.85 CMSDAY
Mean	0.23	0.24	0.76	2.13	4.13	5.73	2.46	1.42	0.98	0.67	0.43	0.25	1.62 CMS
Max	0.24	0.52	1.32	11.10	11.80	50.99	8.52	1.62	1.14	0.84	0.52	0.36	50.99 CMS
Min	0.20	0.18	0.28	0.66	1.56	1.38	1.56	1.14	0.84	0.52	0.28	0.14	0.14 CMS
Runoff	0.59	0.65	1.97	5.70	11.06	14.86	6.59	3.68	2.62	1.81	1.03	0.66	51.22 MCM
Momentary Peak	55.94 CMS. at 77.38 m. (MSL.) at 06.00 Hours , on Sep 15, 2005												
Runoff Yield	12.65 Liters/Second/Square KM.			Momentary Peak Yield 435.806 Liters/Second/Square KM.									

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Lam Phachi at A. Chom Bung, Ratchaburi (K.61)

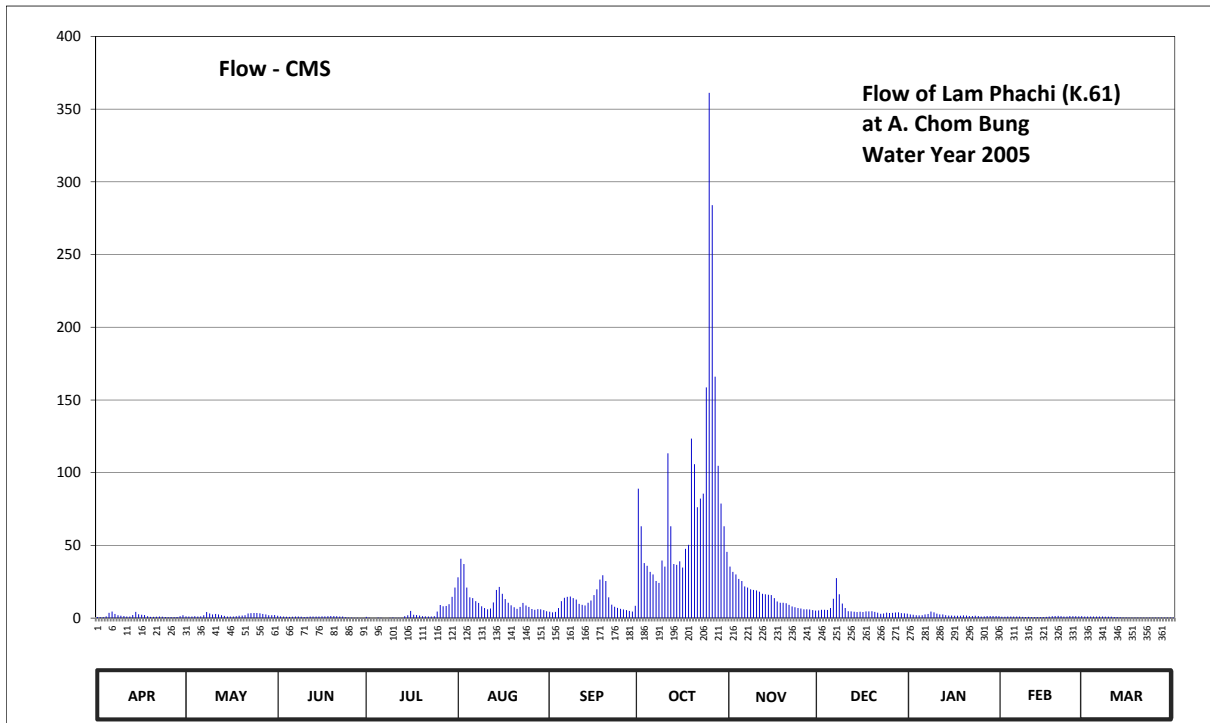
Lat 13 - 41 - 28 N Long 99 - 27 - 08 E

Location : on right bank at the bridge on highway.

	Ban -	Amphoe	Chom Bung	Changwat	Ratchaburi
Drainage Area	1,844	sq.km.			
Type of Gage	Water - stage recorder.				
Zero Gage at Bottom	+64.629 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	Near the automatic gage building.			Elevation	+65.419 m. (MSL.)
Gage Reading Frequency	Recording				
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings				
Period of Available Gage Records	2004 to date				
Rating Operation					
Period of Rating	2004 to date				
Rated by Flot	-				
Rated by Current Meter	2004 to date				
Stability of Channel Regimes	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 53 discharge measurements made in 2005.				

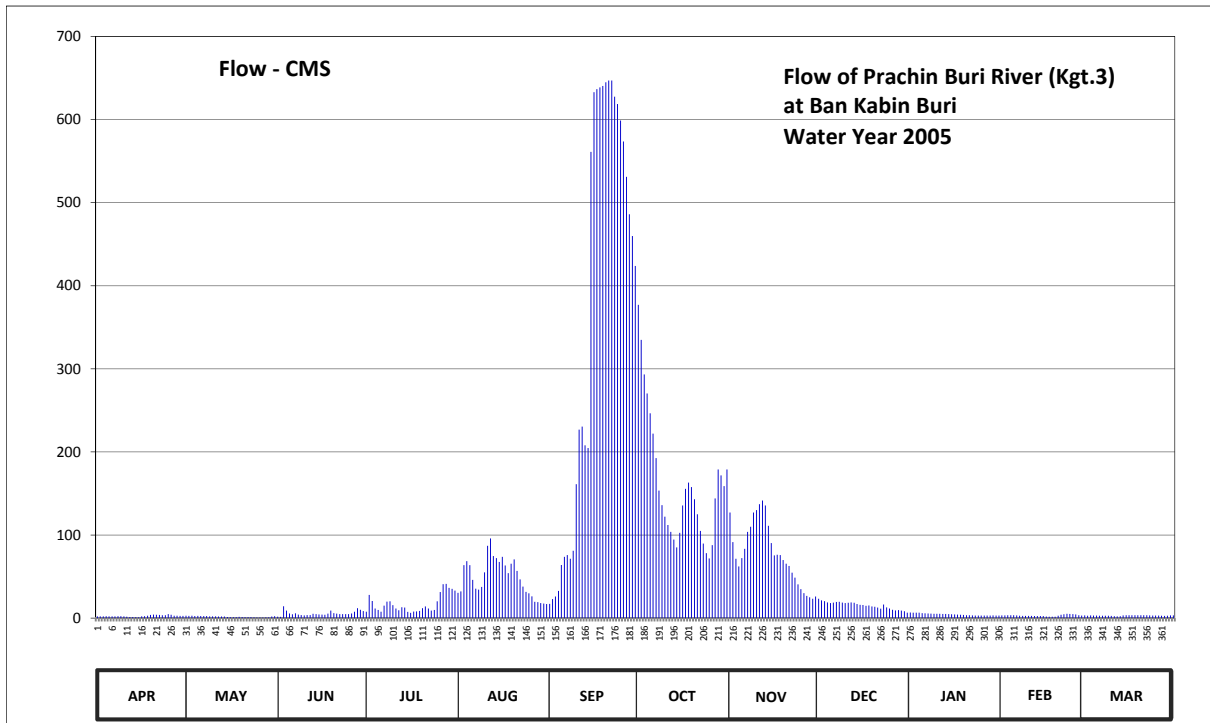
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.32	65.40	65.45	65.35	66.66	65.73	67.50	66.79	65.81	65.55	65.36	65.39	
2	65.31	65.39	65.40	65.23	66.88	65.70	67.19	66.73	65.84	65.53	65.36	65.39	
3	65.31	65.39	65.38	65.15	66.82	65.72	66.83	66.70	65.84	65.50	65.38	65.39	
4	65.40	65.41	65.36	65.13	66.50	65.93	66.80	66.64	65.83	65.48	65.39	65.39	
5	65.66	65.39	65.35	65.22	66.31	66.20	66.73	66.61	65.93	65.49	65.39	65.39	
6	65.74	65.40	65.37	65.20	66.29	66.30	66.70	66.52	66.27	65.55	65.39	65.38	
7	65.59	65.50	65.38	65.12	66.20	66.32	66.61	66.50	66.65	65.58	65.38	65.38	
8	65.49	65.71	65.39	65.16	66.14	66.33	66.58	66.47	66.38	65.74	65.35	65.37	
9	65.45	65.62	65.37	65.19	66.01	66.29	66.86	66.46	66.12	65.69	65.33	65.37	
10	65.43	65.55	65.33	65.27	65.93	66.25	66.79	66.45	65.93	65.61	65.34	65.37	
11	65.39	65.58	65.34	65.21	65.87	66.11	67.73	66.43	65.76	65.55	65.31	65.33	
12	65.38	65.55	65.38	65.19	65.91	66.07	67.19	66.39	65.75	65.55	65.31	65.31	
13	65.51	65.49	65.39	65.20	66.16	66.04	66.82	66.38	65.73	65.50	65.31	65.29	
14	65.72	65.44	65.39	65.42	66.46	66.15	66.81	66.37	65.71	65.47	65.31	65.26	
15	65.56	65.38	65.39	65.50	66.51	66.22	66.85	66.36	65.73	65.47	65.33	65.25	
16	65.53	65.39	65.40	65.78	66.39	66.36	66.78	66.29	65.71	65.46	65.35	65.24	
17	65.51	65.39	65.40	65.53	66.26	66.47	66.98	66.19	65.75	65.45	65.39	65.24	
18	65.42	65.42	65.42	65.51	66.15	66.63	67.02	66.15	65.75	65.46	65.41	65.23	
19	65.35	65.45	65.43	65.47	66.05	66.69	67.82	66.15	65.76	65.48	65.43	65.23	
20	65.34	65.47	65.43	65.41	65.97	66.61	67.66	66.13	65.72	65.47	65.44	65.23	
21	65.36	65.50	65.41	65.40	65.90	66.31	67.35	66.07	65.67	65.43	65.42	65.23	
22	65.38	65.62	65.38	65.39	65.98	66.08	67.42	66.00	65.60	65.43	65.39	65.23	
23	65.36	65.64	65.38	65.38	66.14	65.99	67.46	65.97	65.62	65.45	65.38	65.23	
24	65.33	65.65	65.30	65.42	66.04	65.94	68.09	65.93	65.67	65.43	65.43	65.23	
25	65.29	65.65	65.23	65.74	65.98	65.90	69.18	65.91	65.65	65.39	65.42	65.23	
26	65.31	65.63	65.23	66.06	65.89	65.86	68.80	65.87	65.66	65.40	65.41	65.23	
27	65.31	65.58	65.21	66.01	65.84	65.82	68.14	65.87	65.68	65.43	65.40	65.23	
28	65.33	65.55	65.19	66.02	65.88	65.78	67.65	65.86	65.70	65.43	65.42	65.23	
29	65.41	65.50	65.18	66.10	65.87	65.74	67.38	65.82	65.64	65.43		65.23	
30	65.50	65.49	65.17	66.32	65.82	66.03	67.19	65.80	65.63	65.43		65.23	
31		65.51		66.50	65.76		66.95		65.61	65.42		65.23	
Mean	65.43	65.50	65.35	65.50	66.15	66.12	67.29	66.26	65.81	65.49	65.38	65.29	
Max	65.74	65.71	65.45	66.50	66.88	66.69	69.18	66.79	66.65	65.74	65.44	65.39	69.18
Min	65.29	65.38	65.17	65.12	65.76	65.70	66.58	65.80	65.60	65.39	65.31	65.23	65.12
Annual Max Momentary Gage Height	69.27		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	64.63		m. (MSL.) ,			River Bed	64.94		m. (MSL.)				
Left Bank Elevation	69.85		m. (MSL.) ,										
Right Bank Elevation	70.69		m. (MSL.) ,			Drainage Are	1844		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.72	1.20	1.60	0.90	28.00	4.36	89.00	35.40	5.32	2.50	0.96	1.14	
2	0.66	1.14	1.20	0.32	40.80	4.00	63.20	31.80	5.68	2.30	0.96	1.14	
3	0.66	1.14	1.08	0.00	37.20	4.24	37.80	30.00	5.68	2.00	1.08	1.14	
4	1.20	1.28	0.96	0.00	21.00	6.88	36.00	27.00	5.56	1.84	1.14	1.14	
5	3.60	1.14	0.90	0.28	14.30	11.60	31.80	25.50	6.88	1.92	1.14	1.14	
6	4.48	1.20	1.02	0.20	13.76	14.00	30.00	21.80	13.28	2.50	1.14	1.08	
7	2.90	2.00	1.08	0.00	11.60	14.60	25.50	21.00	27.50	2.80	1.08	1.08	
8	1.92	4.12	1.14	0.04	10.40	14.90	24.20	19.80	16.40	4.48	0.90	1.02	
9	1.60	3.20	1.02	0.16	8.16	13.76	39.60	19.40	10.00	3.90	0.78	1.02	
10	1.44	2.50	0.78	0.48	6.88	12.80	35.40	19.00	6.88	3.10	0.84	1.02	
11	1.14	2.80	0.84	0.24	6.04	9.80	113.30	18.20	4.72	2.50	0.66	0.78	
12	1.08	2.50	1.08	0.16	6.56	9.12	63.20	16.70	4.60	2.50	0.66	0.66	
13	2.10	1.92	1.14	0.20	10.80	8.64	37.20	16.40	4.36	2.00	0.66	0.56	
14	4.24	1.52	1.14	1.36	19.40	10.60	36.60	16.10	4.12	1.76	0.66	0.44	
15	2.60	1.08	1.14	2.00	21.40	12.08	39.00	15.80	4.36	1.76	0.78	0.40	
16	2.30	1.14	1.20	4.96	16.70	15.80	34.80	13.76	4.12	1.68	0.90	0.36	
17	2.10	1.14	1.20	2.30	13.04	19.80	47.60	11.40	4.60	1.60	1.14	0.36	
18	1.36	1.36	1.36	2.10	10.60	26.50	50.40	10.60	4.60	1.68	1.28	0.32	
19	0.90	1.60	1.44	1.76	8.80	29.50	123.40	10.60	4.72	1.84	1.44	0.32	
20	0.84	1.76	1.44	1.28	7.52	25.50	105.80	10.20	4.24	1.76	1.52	0.32	
21	0.96	2.00	1.28	1.20	6.40	14.30	76.25	9.12	3.70	1.44	1.36	0.32	
22	1.08	3.20	1.08	1.14	7.68	9.28	82.20	8.00	3.00	1.44	1.14	0.32	
23	0.96	3.40	1.08	1.08	10.40	7.84	85.60	7.52	3.20	1.60	1.08	0.32	
24	0.78	3.50	0.60	1.36	8.64	7.04	158.60	6.88	3.70	1.44	1.44	0.32	
25	0.56	3.50	0.32	4.48	7.68	6.40	361.20	6.56	3.50	1.14	1.36	0.32	
26	0.66	3.30	0.32	8.96	6.28	5.92	284.00	6.04	3.60	1.20	1.28	0.32	
27	0.66	2.80	0.24	8.16	5.68	5.44	166.00	6.04	3.80	1.44	1.20	0.32	
28	0.78	2.50	0.16	8.32	6.16	4.96	104.75	5.92	4.00	1.44	1.36	0.32	
29	1.28	2.00	0.12	9.60	6.04	4.48	78.80	5.44	3.40	1.44		0.32	
30	2.00	1.92	0.08	14.60	5.44	8.48	63.20	5.20	3.30	1.44		0.32	
31		2.10		21.00	4.72		45.50		3.10	1.36		0.32	
Total	47.56	65.96	28.04	98.64	388.08	342.62	2569.90	457.18	185.92	61.80	29.94	18.96	4294.60 CMSDAY
Mean	1.59	2.13	0.93	3.18	12.52	11.42	82.90	15.24	6.00	1.99	1.07	0.61	11.77 CMS
Max	4.48	4.12	1.60	21.00	40.80	29.50	361.20	35.40	27.50	4.48	1.52	1.14	361.20 CMS
Min	0.56	1.08	0.08	0.00	4.72	4.00	24.20	5.20	3.00	1.14	0.66	0.32	0.00 CMS
Runoff	4.11	5.70	2.42	8.52	33.53	29.60	222.04	39.50	16.06	5.34	2.59	1.64	371.05 MCM
Momentary Peak		379.80	CMS.	at 69.27 m. (MSL.)	at 18.00 Hours		on Oct 25, 2005						
Runoff Yield		6.38	Liters/Second/Square KM.		Momentary Peak Yield	205.965	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.10	2.78	1.73	7.60	30.40	17.20	376.90	127.00	23.20	6.80	3.23	3.30	
2	2.10	2.63	1.58	28.00	32.20	22.90	334.80	91.40	21.40	6.60	3.23	2.93	
3	2.18	2.78	14.20	20.60	63.70	25.90	293.20	71.40	20.40	6.60	3.38	3.23	
4	2.33	2.55	9.00	11.60	68.55	32.80	270.30	62.20	18.80	6.60	3.38	3.08	
5	2.18	2.63	5.55	9.80	63.70	64.00	246.50	72.20	18.00	5.93	3.45	3.00	
6	2.10	2.55	4.65	7.60	46.00	73.80	222.00	83.40	18.60	5.70	3.23	2.78	
7	2.10	2.48	5.85	15.00	35.50	75.80	192.60	103.80	19.40	5.48	2.78	2.85	
8	2.25	2.48	4.28	19.80	34.30	71.40	153.50	110.00	19.60	5.40	2.70	2.93	
9	2.25	2.18	3.60	20.20	37.60	81.00	136.00	127.00	18.60	5.25	2.70	2.93	
10	2.10	2.10	3.30	15.60	55.00	161.20	122.00	130.00	18.00	5.18	2.63	2.63	
11	1.65	2.03	3.60	11.60	87.00	226.80	112.00	137.00	18.40	5.10	2.63	2.33	
12	1.35	1.95	3.68	9.40	95.80	230.40	103.80	141.50	18.80	5.03	2.55	2.18	
13	1.27	1.95	5.18	13.00	74.60	207.90	94.60	135.50	18.40	4.95	2.48	2.25	
14	1.13	1.95	4.80	12.60	72.20	204.60	85.00	111.00	17.00	4.80	2.55	3.30	
15	0.97	1.27	4.50	7.40	67.50	561.00	102.60	90.20	16.00	4.65	2.40	3.53	
16	2.10	1.20	4.20	6.40	73.80	632.90	135.50	75.40	15.80	4.43	1.95	3.45	
17	2.25	1.05	3.98	7.80	63.40	636.50	155.50	76.20	14.80	4.20	1.80	3.53	
18	2.78	1.05	5.33	8.00	54.10	638.60	163.00	75.80	15.20	3.98	1.73	3.45	
19	3.90	1.58	9.00	8.60	65.40	640.40	157.60	69.95	14.00	3.75	1.65	3.38	
20	4.20	1.35	6.00	12.00	70.65	644.90	143.00	65.40	13.60	3.53	2.85	3.53	
21	3.98	1.20	5.33	14.00	56.80	647.00	125.00	62.80	12.60	3.38	4.05	3.53	
22	3.75	1.13	4.88	11.60	46.60	647.00	105.00	54.70	11.40	3.30	4.58	3.45	
23	3.53	1.05	4.88	9.00	37.90	627.50	89.80	48.70	16.40	3.15	5.18	3.23	
24	3.53	0.90	4.80	9.80	31.60	618.70	78.20	40.60	12.80	3.08	4.95	3.15	
25	4.80	0.75	4.88	20.20	29.80	598.90	71.80	34.90	11.60	3.00	4.88	3.15	
26	3.98	0.75	5.48	31.30	26.20	573.60	87.80	30.10	10.00	3.15	4.50	3.08	
27	2.93	0.83	7.60	40.90	19.60	531.00	144.00	26.80	9.20	3.15	3.38	2.85	
28	2.78	0.97	12.00	41.20	19.20	486.00	178.80	25.00	9.60	3.15	3.08	2.63	
29	2.70	0.90	10.00	36.40	18.00	459.70	171.80	23.20	9.00	3.23		2.78	
30	2.63	1.95	8.40	35.20	17.60	423.70	158.80	25.90	8.20	3.08		3.23	
31		2.33		33.10	17.00		178.80		6.60	3.15		3.23	
Total	77.90	53.30	172.26	535.30	1511.70	10863.10	4990.20	2329.05	475.40	138.78	87.90	94.90	21329.79 CMSDAY
Mean	2.60	1.72	5.74	17.27	48.76	362.10	160.97	77.64	15.34	4.48	3.14	3.06	58.44 CMS
Max	4.80	2.78	14.20	41.20	95.80	647.00	376.90	141.50	23.20	6.80	5.18	3.53	647.00 CMS
Min	0.97	0.75	1.58	6.40	17.00	17.20	71.80	23.20	6.60	3.00	1.65	2.18	0.75 CMS
Runoff	6.73	4.61	14.88	46.25	130.61	938.57	431.15	201.23	41.08	11.99	7.60	8.20	1842.89 MCM
Momentary Peak		629.70 CMS, at 10.37 m. (MSL), at 06.00 Hours, on Sep 23, 2005											
Runoff Yield		7.87 Liters/Second/Square KM.			Momentary Peak Yield	84.808 Liters/Second/Square KM.							

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlong Phra Sathung at Ban Khao Chakan , Sa Kao (Kgt.9)

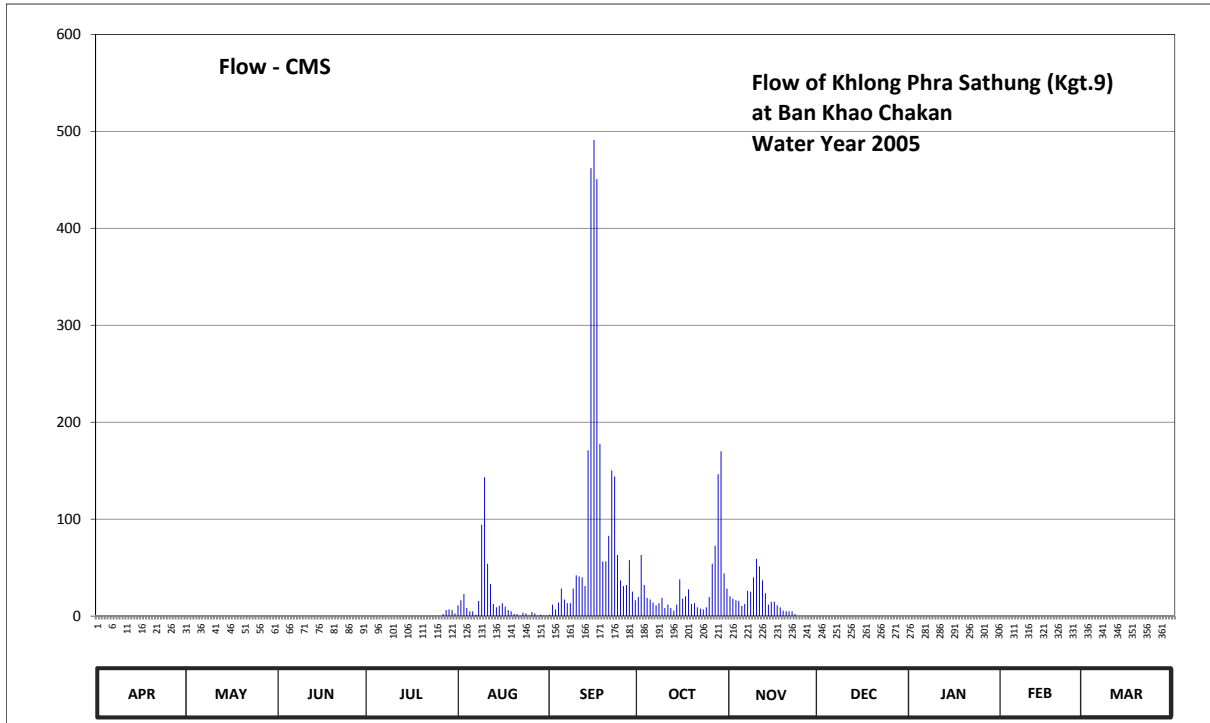
Lat 13 - 40 - 11 N Long 102 - 04 - 38 E

Location : on right bank near Wat Khao Chakan.

	Ban	Khao Chakan	Amphoe	Khao Chakan	Changwat	Sa Kao
Drainage Area	2,264	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+39.566	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 10 meters from the automatic gage building.				Elevation	+48.586 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1972 to date					
Rating Operation						
Period of Rating	1972 - 1987 , 1989 to date					
Rated by Flot	-					
Rated by Current Meter	1972 - 1987 , 1989 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	Overbank flow starts at elevation +49.360 m.(M.S.L.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	42.91	43.01	43.57	43.37	43.46	43.32	43.57	43.58	43.29	43.26	43.23	43.15	
2	42.91	43.03	43.50	43.72	43.53	43.47	44.00	43.55	43.28	43.26	43.23	43.15	
3	42.91	43.05	43.53	44.41	43.61	43.40	43.72	43.53	43.27	43.26	43.23	43.15	
4	42.92	43.07	43.52	43.63	43.42	43.50	43.56	43.52	43.27	43.26	43.23	43.15	
5	42.92	43.09	43.50	43.73	43.37	43.68	43.54	43.45	43.27	43.26	43.23	43.15	
6	42.92	43.12	43.48	43.77	43.37	43.54	43.50	43.48	43.27	43.26	43.15	43.15	
7	42.92	43.22	43.47	43.80	43.32	43.49	43.46	43.65	43.27	43.26	43.10	43.15	
8	42.86	43.34	43.45	43.41	43.52	43.49	43.49	43.64	43.27	43.26	43.11	43.15	
9	42.81	43.35	43.43	43.39	44.18	43.68	43.56	43.80	43.28	43.26	43.11	43.15	
10	42.76	43.37	43.42	43.38	44.48	43.82	43.42	43.97	43.29	43.25	43.11	43.15	
11	42.71	43.37	43.42	43.38	43.93	43.81	43.47	43.91	43.27	43.25	43.11	43.15	
12	42.66	43.37	43.41	43.38	43.73	43.80	43.42	43.77	43.26	43.25	43.11	43.17	
13	42.61	43.32	43.41	43.37	43.48	43.71	43.38	43.62	43.25	43.25	43.11	43.17	
14	42.57	43.27	43.39	43.03	43.43	45.08	43.47	43.47	43.25	43.25	43.11	43.17	
15	42.56	43.22	43.41	43.31	43.45	49.16	43.78	43.51	43.24	43.25	43.11	43.17	
16	42.56	43.17	43.50	43.28	43.49	49.50	43.55	43.51	43.23	43.25	43.11	43.17	
17	42.55	43.15	43.47	43.27	43.44	48.93	43.58	43.46	43.25	43.25	43.11	43.17	
18	42.55	43.13	43.45	43.32	43.39	45.21	43.67	43.43	43.25	43.25	43.11	43.17	
19	42.60	43.13	43.44	43.39	43.37	43.95	43.48	43.38	43.25	43.24	43.10	43.17	
20	42.80	43.13	43.43	43.30	43.33	43.95	43.49	43.37	43.25	43.24	43.10	43.17	
21	43.26	43.13	43.42	43.31	43.33	44.12	43.43	43.37	43.25	43.23	43.10	43.17	
22	43.27	43.13	43.42	43.30	43.31	44.65	43.41	43.37	43.25	43.23	43.10	43.17	
23	43.22	43.13	43.41	43.24	43.35	44.50	43.40	43.33	43.26	43.23	43.10	43.17	
24	43.17	43.12	43.40	43.25	43.34	44.00	43.43	43.26	43.26	43.23	43.10	43.17	
25	43.15	43.12	43.40	43.22	43.31	43.77	43.57	43.26	43.26	43.23	43.10	43.17	
26	43.12	43.12	43.39	43.21	43.36	43.71	43.93	43.26	43.27	43.23	43.10	43.17	
27	43.10	43.18	43.39	43.33	43.34	43.72	44.06	43.26	43.27	43.23	43.10	43.17	
28	43.07	43.37	43.38	43.39	43.31	43.96	44.56	43.26	43.26	43.23	43.10	43.17	
29	43.05	43.47	43.38	43.40	43.32	43.64	45.06	43.26	43.27	43.23	43.17	43.17	
30	43.03	43.58	43.37	43.39	43.31	43.53	43.84	43.25	43.27	43.23	43.17	43.17	
31		43.59		43.34	43.31		43.68		43.26	43.23	43.17	43.17	
Mean	42.88	43.22	43.44	43.42	43.48	44.40	43.66	43.48	43.26	43.25	43.13	43.16	
Max	43.27	43.59	43.57	44.41	44.48	49.50	45.06	43.97	43.29	43.26	43.23	43.17	49.50
Min	42.55	43.01	43.37	43.03	43.31	43.32	43.38	43.25	43.23	43.23	43.10	43.15	42.55
Annual Max Momentary Gage Height	49.57		m. (MSL.) ,				at 06.00 Hours, on Sep 16, 2005						
Zero Gage at Bottom Elevation	39.57		m. (MSL.) ,			River Bed	39.53	m. (MSL.)					
Left Bank Elevation	49.36		m. (MSL.) ,										
Right Bank Elevation	50.28		m. (MSL.) ,			Drainage Are	2,264	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	11.20	1.40	19.60	20.40	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	16.40	11.90	63.00	18.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	22.80	7.00	32.00	16.40	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	8.40	14.00	18.80	15.60	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	4.90	28.40	17.20	10.50	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	4.90	17.20	14.00	12.60	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	1.40	13.30	11.20	26.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	15.60	13.30	13.30	25.20	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	94.20	28.40	18.80	40.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	143.20	42.00	8.40	59.10	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	53.90	41.00	11.90	51.30	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	33.00	40.00	8.40	37.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	12.60	31.00	5.60	23.60	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	9.10	171.00	11.90	11.90	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	10.50	462.03	38.00	14.80	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	13.30	491.00	18.00	14.80	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	9.80	450.71	20.40	11.20	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	6.30	177.55	27.60	9.10	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	4.90	56.50	12.60	5.60	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	2.10	56.50	13.30	4.90	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	2.10	82.80	9.10	4.90	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.70	150.25	7.70	4.90	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	3.50	144.00	7.00	2.10	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	2.80	63.00	9.10	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.70	37.00	19.60	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	4.20	31.00	53.90	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	2.10	2.80	32.00	72.60	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	6.30	0.70	57.80	146.40	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	7.00	1.40	25.20	170.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	6.30	0.70	16.40	44.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	2.80	0.70		28.40		0.00	0.00		0.00	
Total	0.00	0.00	0.00	24.50	498.80	2793.64	951.80	439.90	0.00	0.00	0.00	0.00	4708.64 CMSDAY
Mean	0.00	0.00	0.00	0.79	16.09	93.12	30.70	14.66	0.00	0.00	0.00	0.00	12.90 CMS
Max	0.00	0.00	0.00	7.00	143.20	491.00	170.00	59.10	0.00	0.00	0.00	0.00	491.00 CMS
Min	0.00	0.00	0.00	0.00	0.70	1.40	5.60	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	2.12	43.10	241.37	82.24	38.01	0.00	0.00	0.00	0.00	406.83 MCM
Momentary Peak	497.30	CMS, at 49.57 m. (MSL.), at 06.00 Hours, on Sep 16, 2005											
Runoff Yield	5.70	Liters/Second/Square KM. Momentary Peak Yield 219.655 Liters/Second/Square KM.											

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlong Phra Prong at Ban Kaeng , Sa Kao (Kgt.12)

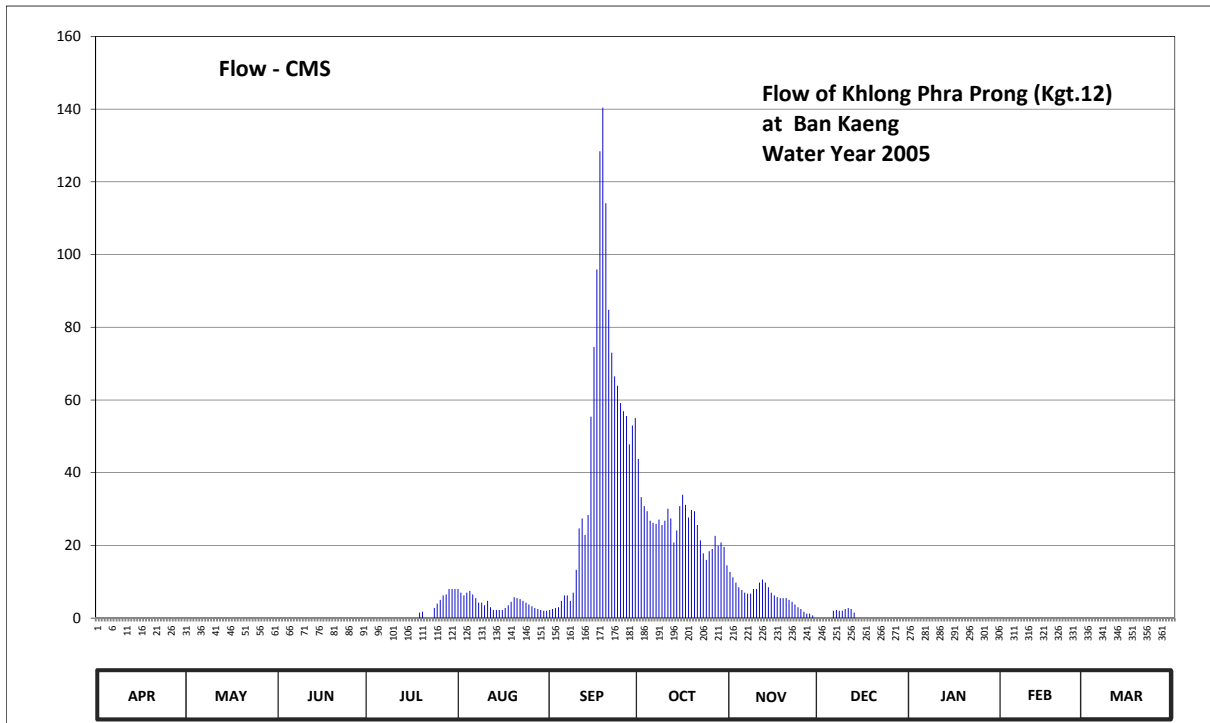
Lat 13 - 56 - 10 N Long 101 - 58 - 27 E

Location : on left bank near the railway station at Ban Kaeng at about 200 meters upstream from Thot Saphon Sawmill.

	Ban Kaeng	Amphoe Mueang	Changwat Sa Kao
Drainage Area	1,478 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+13.835 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank in front of the gage observer's house.	Elevation	+23.522 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1966 to date		
Rating Operation			
Period of Rating	1966 to date		
Rated by Flot	-		
Rated by Current Meter	1966 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The concrete weir situated about 7 kilometers downstream from the gage site. Stage-discharge relation defined by 48 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.70	14.49	14.48	15.28	16.42	16.19	17.52	16.59	16.01	14.53	14.34	14.60	
2	14.72	14.44	14.86	15.15	16.38	16.20	17.25	16.54	15.97	14.48	14.45	14.62	
3	14.73	14.39	14.86	15.07	16.35	16.21	17.18	16.49	15.95	14.44	14.49	14.64	
4	14.78	14.33	14.65	15.00	16.38	16.22	17.14	16.44	15.98	14.43	14.53	14.67	
5	14.81	14.31	14.55	14.97	16.40	16.29	17.06	16.41	16.03	14.42	14.50	14.72	
6	14.82	14.32	14.54	14.94	16.36	16.35	17.04	16.38	16.18	14.41	14.43	14.76	
7	14.79	14.33	14.47	14.91	16.32	16.35	17.03	16.37	16.19	14.37	14.37	14.77	
8	14.73	14.33	14.42	14.90	16.27	16.29	17.07	16.37	16.18	14.36	14.33	14.89	
9	14.66	14.31	14.46	14.76	16.27	16.38	17.02	16.42	16.18	14.32	14.36	14.92	
10	14.66	14.38	14.45	14.63	16.24	16.61	17.06	16.42	16.20	14.31	14.36	14.92	
11	14.63	14.33	14.43	14.49	16.29	16.99	17.16	16.49	16.21	14.29	14.37	15.01	
12	14.67	14.28	14.48	14.42	16.22	17.08	17.08	16.52	16.20	14.29	14.44	15.11	
13	14.66	14.24	14.49	14.60	16.19	16.93	16.86	16.49	16.16	14.27	14.50	15.19	
14	14.68	14.24	14.43	14.92	16.19	17.11	16.97	16.44	16.09	14.26	14.52	15.26	
15	14.73	14.22	14.39	15.10	16.19	17.97	17.18	16.38	15.97	14.24	14.51	15.27	
16	14.85	14.21	14.36	15.17	16.19	19.63	17.27	16.35	15.86	14.24	14.51	15.24	
17	15.12	14.20	14.43	15.20	16.21	20.53	17.19	16.33	15.76	14.24	14.53	15.21	
18	15.26	14.20	14.63	15.41	16.24	21.51	17.09	16.32	15.66	14.28	14.61	15.23	
19	15.21	14.18	14.70	16.16	16.28	21.81	17.15	16.32	15.54	14.34	14.80	15.27	
20	15.18	14.18	14.72	16.17	16.33	21.71	17.14	16.32	15.41	14.40	15.19	15.25	
21	15.16	14.18	14.74	16.02	16.32	21.22	17.02	16.30	15.27	14.44	15.44	15.20	
22	15.14	14.18	14.73	15.94	16.31	20.70	16.88	16.28	15.25	14.44	15.59	15.17	
23	15.12	14.18	14.69	16.05	16.29	20.25	16.76	16.25	15.17	14.47	15.47	15.14	
24	15.05	14.18	14.62	16.21	16.27	19.99	16.70	16.22	15.06	14.48	15.24	15.11	
25	14.86	14.18	14.56	16.26	16.25	19.45	16.78	16.20	14.97	14.43	15.00	15.09	
26	14.73	14.18	14.51	16.30	16.23	18.75	16.80	16.17	14.87	14.38	14.82	15.09	
27	14.64	14.18	14.77	16.35	16.21	18.10	16.92	16.15	14.78	14.37	14.72	15.09	
28	14.61	14.20	15.47	16.36	16.20	17.62	16.83	16.15	14.72	14.37	14.66	15.07	
29	14.58	14.23	15.62	16.42	16.19	17.75	16.86	16.13	14.65	14.35		15.13	
30	14.56	14.31	15.48	16.42	16.18	17.81	16.82	16.07	14.59	14.32		15.17	
31		14.38		16.42	16.18		16.65		14.55	14.30		15.16	
Mean	14.83	14.27	14.67	15.48	16.27	18.20	17.02	16.34	15.60	14.36	14.68	15.03	
Max	15.26	14.49	15.62	16.42	16.42	21.81	17.52	16.59	16.21	14.53	15.59	15.27	21.81
Min	14.56	14.18	14.36	14.42	16.18	16.19	16.65	16.07	14.55	14.24	14.33	14.60	14.18
Annual Max Momentary Gage Height	21.84		m. (MSL.) ,				at 18.00 Hours, on Sep 19, 2005						
Zero Gage at Bottom Elevation	13.84		m. (MSL.) ,			River Bed	13.23	m. (MSL.)					
Left Bank Elevation		23.45		m. (MSL.) ,									
Right Bank Elevation		22.33		m. (MSL.) ,		Drainage Are	1,478	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	8.00	2.25	43.80	12.70	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	7.00	2.50	33.25	11.20	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	6.25	2.75	30.80	9.75	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	7.00	3.00	29.40	8.50	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	7.50	4.75	26.80	7.75	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	6.50	6.25	26.20	7.00	2.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	5.50	6.25	25.90	6.75	2.25	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	4.25	4.75	27.10	6.75	2.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	4.25	7.00	25.60	8.00	2.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	3.50	13.30	26.80	8.00	2.50	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	4.75	24.70	30.10	9.75	2.75	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	3.00	27.40	27.40	10.60	2.50	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	2.25	22.90	20.80	9.75	1.50	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	2.25	28.35	24.10	8.50	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	2.25	55.39	30.80	7.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	2.25	74.60	33.95	6.25	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	2.75	95.90	31.15	5.75	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	3.50	128.40	27.70	5.50	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	1.50	4.50	140.40	29.75	5.50	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	1.75	5.75	114.10	29.40	5.50	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	5.50	84.80	25.60	5.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	5.25	73.00	21.40	4.50	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	4.75	66.50	17.80	3.75	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	2.75	4.25	63.90	16.00	3.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	4.00	3.75	59.15	18.40	2.50	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	5.00	3.25	56.90	19.00	1.75	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	6.25	2.75	55.60	22.60	1.25	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	6.50	2.50	47.80	19.90	1.25	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	8.00	2.25	53.00	20.80	0.75	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	8.00	2.00	55.02	19.60	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	8.00	2.00		14.50		0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	51.75	131.25	1380.61	796.40	184.25	17.50	0.00	0.00	0.00	2561.76 CMSDAY
Mean	0.00	0.00	0.00	1.67	4.23	46.02	25.69	6.14	0.56	0.00	0.00	0.00	7.02 CMS
Max	0.00	0.00	0.00	8.00	8.00	140.40	43.80	12.70	2.75	0.00	0.00	0.00	140.40 CMS
Min	0.00	0.00	0.00	0.00	2.00	2.25	14.50	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	4.47	11.34	119.29	68.81	15.92	1.51	0.00	0.00	0.00	221.34 MCM
Momentary Peak	141.60	CMS, at 21.84 m. (MSL), at 18.00 Hours, on Sep 29, 2005											
Runoff Yield	4.75	Liters/Second/Square KM. Momentary Peak Yield 95,805 Liters/Second/Square KM.											

WATER YEAR : 2005
PRACHIN BURI RIVER BASIN

Khlong Phra Prong at Ban Non Suk Phum , Prachin Buri (Kgt.13A)

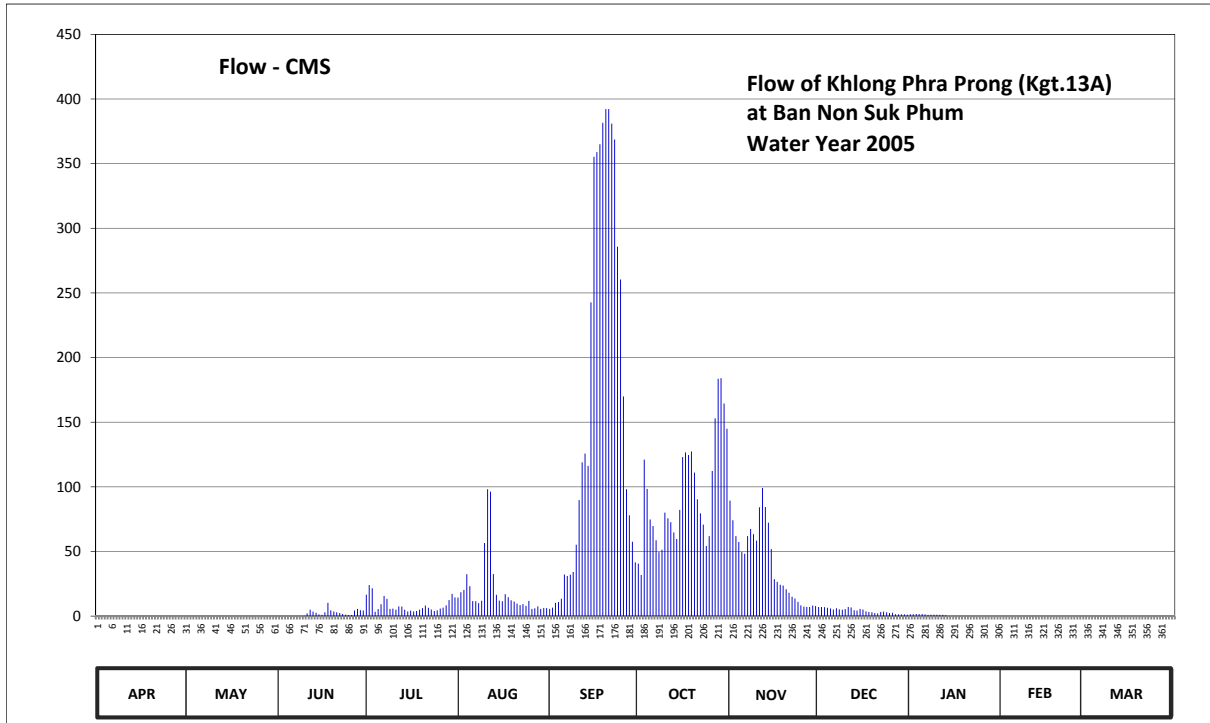
Lat 13 - 54 - 29 N Long 101 - 50 - 32 E

Location : on left bank about 21 kilometers upstream from station Kgt.13

	Ban Non Suk Phum	Amphoe Kabin Buri	Changwat Prachin Buri
Drainage Area	4,906 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+2.860 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the top staff gage.		Elevation +13.310 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1997 to date		
Rating Operation	-		
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.39	5.26	5.04	6.44	6.29	5.55	7.78	9.61	5.70	5.15	5.28	5.06	
2	5.36	5.27	5.05	6.91	6.56	5.66	7.34	9.12	5.71	5.15	5.32	5.04	
3	5.33	5.29	5.05	6.76	6.68	5.98	10.45	8.68	5.69	5.16	5.36	5.03	
4	5.36	5.31	5.04	5.33	7.37	6.03	9.87	8.51	5.64	5.16	5.43	5.04	
5	5.36	5.31	5.04	5.54	6.86	6.23	9.14	8.19	5.59	5.16	5.41	5.06	
6	5.36	5.28	5.03	5.89	6.09	7.36	8.97	8.14	5.51	5.14	5.42	5.09	
7	5.36	5.24	5.02	6.37	6.08	7.30	8.56	8.68	5.61	5.10	5.42	5.09	
8	5.35	5.18	5.01	6.22	5.96	7.35	8.19	8.89	5.52	5.11	5.29	5.01	
9	5.35	5.16	4.99	5.56	6.11	7.46	8.27	8.74	5.50	5.11	5.24	5.03	
10	5.34	5.14	5.03	5.58	8.48	8.43	9.32	8.55	5.54	5.11	5.21	5.06	
11	5.34	5.14	5.21	5.49	9.86	9.62	9.17	9.45	5.71	5.10	5.20	5.06	
12	5.33	5.16	5.50	5.76	9.81	10.40	9.07	9.89	5.67	5.10	5.22	5.11	
13	5.32	5.11	5.34	5.74	7.38	10.57	8.79	9.46	5.46	5.06	5.22	5.12	
14	5.31	5.06	5.26	5.50	6.43	10.33	8.60	9.06	5.43	4.96	5.30	5.23	
15	5.33	5.09	5.14	5.36	6.12	12.94	9.39	8.29	5.55	4.91	5.46	5.09	
16	5.33	5.01	5.10	5.42	6.08	14.85	10.50	7.18	5.51	4.88	5.46	5.24	
17	5.35	5.01	5.30	5.36	6.46	14.91	10.59	7.06	5.37	4.88	5.45	5.23	
18	5.38	5.03	5.98	5.39	6.31	15.01	10.54	6.93	5.32	4.87	5.47	5.23	
19	5.40	5.03	5.45	5.49	6.14	15.28	10.61	6.89	5.29	4.76	5.54	5.23	
20	5.43	5.04	5.36	5.62	6.06	15.45	10.20	6.71	5.23	4.69	5.56	5.24	
21	5.45	5.06	5.29	5.81	5.93	15.45	9.64	6.54	5.21	4.76	5.58	5.24	
22	5.46	5.05	5.23	5.64	5.84	15.27	9.30	6.33	5.32	4.78	5.59	5.17	
23	5.46	5.04	5.16	5.51	5.90	15.07	9.01	6.24	5.34	5.31	5.61	5.16	
24	5.44	5.02	5.11	5.40	5.79	13.69	8.39	6.04	5.30	5.46	5.58	5.16	
25	5.36	5.01	5.09	5.45	6.10	13.25	8.68	5.82	5.24	5.46	5.31	5.18	
26	5.31	5.01	5.09	5.58	5.56	11.54	10.23	5.73	5.26	5.45	5.21	5.19	
27	5.26	5.02	5.43	5.66	5.61	9.86	11.19	5.71	5.15	5.35	5.14	5.19	
28	5.26	5.02	5.55	5.82	5.75	9.25	11.81	5.70	5.14	5.30	5.15	5.21	
29	5.26	5.03	5.46	6.15	5.56	8.52	11.82	5.81	5.14	5.29		5.24	
30	5.26	5.03	5.43	6.48	5.63	7.83	11.43	5.78	5.13	5.27		5.24	
31		5.03		6.30	5.62		11.02		5.11	5.24		5.20	
Mean	5.35	5.11	5.23	5.79	6.47	10.55	9.61	7.59	5.42	5.10	5.37	5.14	
Max	5.46	5.31	5.98	6.91	9.86	15.45	11.82	9.89	5.71	5.46	5.61	5.24	15.45
Min	5.26	5.01	4.99	5.33	5.56	5.55	7.34	5.70	5.11	4.69	5.14	5.01	4.69
Annual Max Momentary Gage Height	15.47		m. (MSL.) ,										at 06.00 Hours, on Sep 21, 2005
Zero Gage at Bottom Elevation	2.86		m. (MSL.) ,			River Bed	3.77	m. (MSL.)					
Left Bank Elevation		17.30		m. (MSL.) ,									
Right Bank Elevation		17.89		m. (MSL.) ,		Drainage Are	4,906	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	16.60	14.35	5.50	40.60	89.35	7.00	1.50	0.00	0.00	
2	0.00	0.00	0.00	23.96	18.40	6.60	31.80	74.10	7.10	1.50	0.00	0.00	
3	0.00	0.00	0.00	21.56	20.28	10.25	121.00	61.82	6.90	1.60	0.00	0.00	
4	0.00	0.00	0.00	3.30	32.40	10.88	98.45	57.32	6.40	1.60	0.00	0.00	
5	0.00	0.00	0.00	5.40	23.16	13.45	74.70	49.46	5.90	1.60	0.00	0.00	
6	0.00	0.00	0.00	9.12	11.63	32.20	69.68	48.29	5.10	1.40	0.00	0.00	
7	0.00	0.00	0.00	15.55	11.50	31.00	58.64	61.82	6.10	1.00	0.00	0.00	
8	0.00	0.00	0.00	13.30	10.00	32.00	49.46	67.48	5.20	1.10	0.00	0.00	
9	0.00	0.00	0.00	5.60	11.88	34.20	51.35	63.41	5.00	1.10	0.00	0.00	
10	0.00	0.00	0.30	5.80	56.52	55.20	80.10	58.38	5.40	1.10	0.00	0.00	
11	0.00	0.00	2.10	4.90	98.10	89.70	75.60	84.12	7.10	1.00	0.00	0.00	
12	0.00	0.00	5.00	7.60	96.35	119.00	72.60	99.15	6.70	1.00	0.00	0.00	
13	0.00	0.00	3.40	7.40	32.60	125.80	64.73	84.45	4.60	0.60	0.00	0.00	
14	0.00	0.00	2.60	5.00	16.45	116.20	59.70	72.30	4.30	0.00	0.00	0.00	
15	0.00	0.00	1.40	3.60	12.00	242.70	82.20	51.82	5.50	0.00	0.00	0.00	
16	0.00	0.00	1.00	4.20	11.50	355.40	123.00	28.64	5.10	0.00	0.00	0.00	
17	0.00	0.00	3.00	3.60	16.90	359.00	126.60	26.48	3.70	0.00	0.00	0.00	
18	0.00	0.00	10.25	3.90	14.65	365.02	124.60	24.28	3.20	0.00	0.00	0.00	
19	0.00	0.00	4.50	4.90	12.25	381.62	127.42	23.64	2.90	0.00	0.00	0.00	
20	0.00	0.00	3.60	6.20	11.25	392.25	111.00	20.76	2.30	0.00	0.00	0.00	
21	0.00	0.00	2.90	8.12	9.62	392.25	90.40	18.10	2.10	0.00	0.00	0.00	
22	0.00	0.00	2.30	6.40	8.50	381.01	79.50	14.95	3.20	0.00	0.00	0.00	
23	0.00	0.00	1.60	5.10	9.25	368.70	70.80	13.60	3.40	0.00	0.00	0.00	
24	0.00	0.00	1.10	4.00	7.90	285.85	54.17	11.00	3.00	0.00	0.00	0.00	
25	0.00	0.00	0.90	4.50	11.75	260.38	61.82	8.25	2.40	0.00	0.00	0.00	
26	0.00	0.00	0.90	5.80	5.60	170.00	112.20	7.30	2.60	0.00	0.00	0.00	
27	0.00	0.00	4.30	6.60	6.10	98.10	153.02	7.10	1.50	0.00	0.00	0.00	
28	0.00	0.00	5.50	8.25	7.50	78.00	183.50	7.00	1.40	0.00	0.00	0.00	
29	0.00	0.00	4.60	12.38	5.60	57.58	184.00	8.12	1.40	0.00	0.00	0.00	
30	0.00	0.00	4.30	17.20	6.30	41.60	164.50	7.80	1.30	0.00	0.00	0.00	
31	0.00	0.00		14.50	6.20		144.95		1.10	0.00		0.00	
Total	0.00	0.00	65.55	264.34	616.49	4911.44	2942.09	1250.29	128.90	16.10	0.00	0.00	10195.20 CMSDAY
Mean	0.00	0.00	2.19	8.53	19.89	163.71	94.91	41.68	4.16	0.52	0.00	0.00	27.93 CMS
Max	0.00	0.00	10.25	23.96	98.10	392.25	184.00	99.15	7.10	1.60	0.00	0.00	392.25 CMS
Min	0.00	0.00	0.00	3.30	5.60	5.50	31.80	7.00	1.10	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	5.66	22.84	53.27	424.35	254.20	108.03	11.14	1.39	0.00	0.00	880.87 MCM
Momentary Peak	393.55	CMS, at 15.47 m. (MSL.), at 06.00 Hours, on Sep 21, 2005											
Runoff Yield	5.69	Liters/Second/Square KM.		Momentary Peak Yield		80,218	Liters/Second/Square KM.						

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlong Yang at Ban Thung Faek , Prachin Buri (Kgt.14)

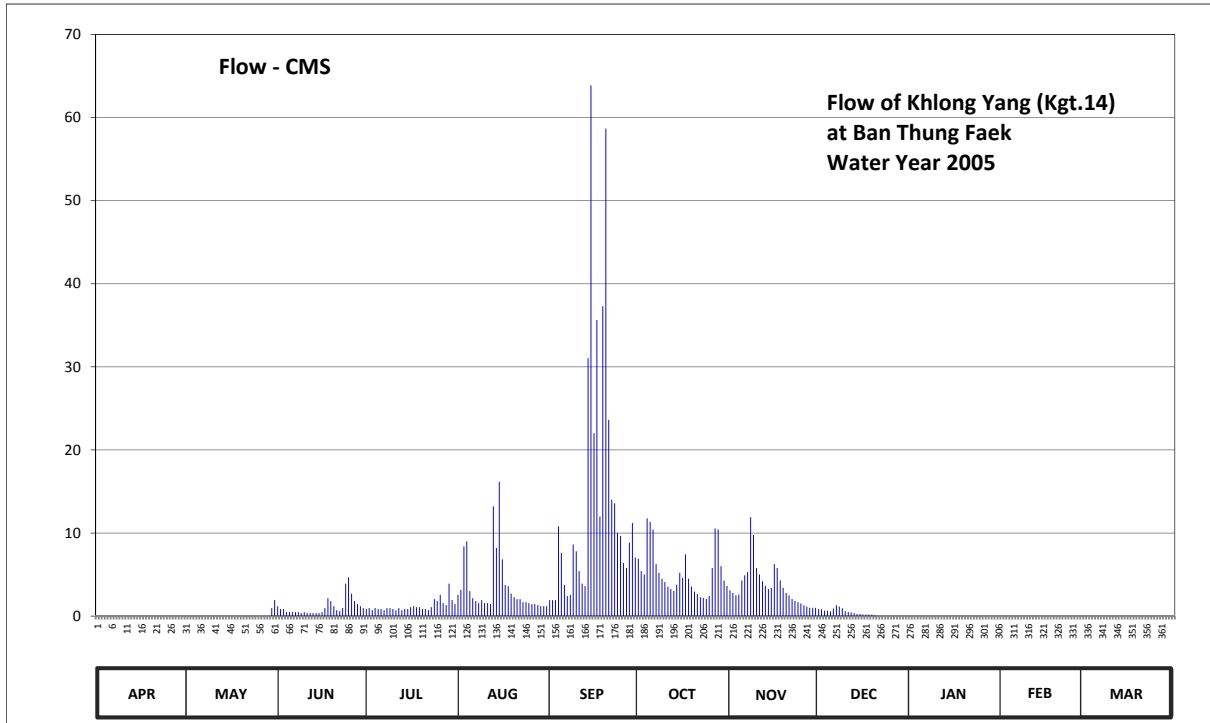
Lat 14 - 09 - 29 N Long 101 - 52 - 50 E

Location : on left bank about 2 kilometers from Kabin Buri - Nakhon Ratchasima Highway.

	Ban Thung Faek	Amphoe Na Di	Changwat Prachin Buri
Drainage Area	354 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+34.600 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+42.429 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1966 to date		
Rating Operation			
Period of Rating	1966 - 1981 , 1986 to date		
Rated by Flot	-		
Rated by Current Meter	1966 - 1981 , 1986 to date		
Stability of Channel Regimes	Fairly stable with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 14 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	35.53	34.77	36.50	36.47	36.61	36.56	36.27	35.88	35.57	35.35	35.18	35.13	
2	35.40	34.77	36.47	36.48	36.65	36.56	36.14	35.84	35.56	35.35	35.18	35.12	
3	35.27	34.77	36.47	36.46	36.97	36.56	36.10	35.80	35.53	35.35	35.18	35.11	
4	35.18	34.77	36.44	36.48	37.00	37.09	36.64	35.81	35.53	35.34	35.18	35.08	
5	35.10	34.77	36.44	36.47	36.64	36.93	36.61	36.03	35.51	35.34	35.18	35.06	
6	35.01	34.76	36.44	36.47	36.58	36.69	36.54	36.09	35.58	35.35	35.18	35.03	
7	34.94	34.76	36.44	36.46	36.55	36.60	36.22	36.13	35.64	35.35	35.17	35.00	
8	34.90	34.76	36.44	36.48	36.53	36.61	36.12	36.65	35.62	35.33	35.17	35.00	
9	34.88	34.76	36.43	36.48	36.56	36.98	36.05	36.49	35.59	35.33	35.17	35.01	
10	34.86	34.75	36.44	36.47	36.53	36.94	36.01	36.18	35.52	35.34	35.14	35.02	
11	34.85	34.75	36.43	36.46	36.53	36.80	35.94	36.10	35.50	35.32	35.14	35.02	
12	34.84	34.75	36.43	36.48	36.52	36.70	35.90	36.02	35.49	35.29	35.13	35.02	
13	34.82	34.75	36.43	36.46	37.21	36.68	35.87	35.95	35.47	35.28	35.15	35.02	
14	34.81	34.75	36.43	36.47	36.96	37.93	35.97	35.90	35.45	35.25	35.15	35.00	
15	34.82	34.74	36.43	36.47	37.35	38.86	36.12	35.92	35.45	35.25	35.19	34.99	
16	34.82	34.74	36.44	36.49	36.89	37.60	36.06	36.22	35.44	35.25	35.17	34.96	
17	34.84	34.74	36.48	36.50	36.69	38.08	36.31	36.18	35.44	35.25	35.17	34.96	
18	34.87	34.74	36.58	36.49	36.68	37.15	36.05	36.03	35.44	35.25	35.20	34.96	
19	34.87	34.74	36.55	36.49	36.62	38.13	35.94	35.92	35.44	35.25	35.21	34.96	
20	34.85	34.74	36.50	36.47	36.59	38.73	35.86	35.84	35.42	35.24	35.19	34.96	
21	34.83	34.73	36.46	36.47	36.57	37.35	35.82	35.80	35.40	35.23	35.20	34.96	
22	34.87	34.77	36.45	36.46	36.57	36.80	35.77	35.74	35.40	35.22	35.20	34.95	
23	34.87	34.78	36.48	36.49	36.54	36.77	35.76	35.71	35.40	35.21	35.20	34.95	
24	34.86	34.79	36.70	36.57	36.54	36.51	35.74	35.69	35.40	35.21	35.18	34.95	
25	34.85	34.80	36.75	36.55	36.53	36.48	35.79	35.67	35.37	35.21	35.16	34.95	
26	34.83	34.84	36.62	36.61	36.52	36.23	36.18	35.64	35.36	35.20	35.14	34.95	
27	34.80	34.85	36.55	36.53	36.52	36.18	36.55	35.62	35.36	35.19	35.13	34.95	
28	34.80	34.86	36.52	36.51	36.51	36.42	36.54	35.60	35.36	35.19	35.12	34.95	
29	34.80	35.08	36.50	36.70	36.50	36.60	36.20	35.60	35.34	35.19		34.95	
30	34.79	36.48	36.48	36.56	36.50	36.28	36.03	35.60	35.36	35.19		34.97	
31		36.56		36.52	36.50		35.95		35.36	35.18		35.00	
Mean	34.93	34.89	36.49	36.50	36.66	36.99	36.10	35.92	35.46	35.27	35.17	35.00	
Max	35.53	36.56	36.75	36.70	37.35	38.86	36.64	36.65	35.64	35.35	35.21	35.13	38.86
Min	34.79	34.73	36.43	36.46	36.50	36.18	35.74	35.60	35.34	35.18	35.12	34.95	34.73
Annual Max Momentary Gage Height	39.14		m. (MSL.) ,				at 03.00 Hours, on Sep 20, 2005						
Zero Gage at Bottom Elevation	34.60		m. (MSL.) ,			River Bed	33.21	m. (MSL.)					
Left Bank Elevation		41.68		m. (MSL.) ,									
Right Bank Elevation		41.88		m. (MSL.) ,		Drainage Are	354	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.20	0.84	2.55	1.92	6.91	3.10	0.85	0.00	0.00	0.00	
2	0.00	0.00	0.84	0.96	3.15	1.92	5.40	2.80	0.80	0.00	0.00	0.00	
3	0.00	0.00	0.84	0.72	8.40	1.92	5.00	2.50	0.65	0.00	0.00	0.00	
4	0.00	0.00	0.48	0.96	9.00	10.80	11.76	2.58	0.65	0.00	0.00	0.00	
5	0.00	0.00	0.48	0.84	3.00	7.60	11.34	4.30	0.55	0.00	0.00	0.00	
6	0.00	0.00	0.48	0.84	2.16	3.75	10.42	4.90	0.90	0.00	0.00	0.00	
7	0.00	0.00	0.48	0.72	1.80	2.40	6.26	5.30	1.30	0.00	0.00	0.00	
8	0.00	0.00	0.48	0.96	1.56	2.55	5.20	11.90	1.15	0.00	0.00	0.00	
9	0.00	0.00	0.36	0.96	1.92	8.60	4.50	9.77	0.95	0.00	0.00	0.00	
10	0.00	0.00	0.48	0.84	1.56	7.80	4.10	5.80	0.60	0.00	0.00	0.00	
11	0.00	0.00	0.36	0.72	1.56	5.40	3.55	5.00	0.50	0.00	0.00	0.00	
12	0.00	0.00	0.36	0.96	1.44	3.90	3.25	4.20	0.45	0.00	0.00	0.00	
13	0.00	0.00	0.36	0.72	13.21	3.60	3.02	3.63	0.35	0.00	0.00	0.00	
14	0.00	0.00	0.36	0.84	8.20	31.04	3.78	3.25	0.25	0.00	0.00	0.00	
15	0.00	0.00	0.36	0.84	16.15	63.86	5.20	3.40	0.25	0.00	0.00	0.00	
16	0.00	0.00	0.48	1.08	6.84	22.00	4.60	6.26	0.20	0.00	0.00	0.00	
17	0.00	0.00	0.96	1.20	3.75	35.64	7.43	5.80	0.20	0.00	0.00	0.00	
18	0.00	0.00	2.16	1.08	3.60	12.00	4.50	4.30	0.20	0.00	0.00	0.00	
19	0.00	0.00	1.80	1.08	2.70	37.29	3.55	3.40	0.20	0.00	0.00	0.00	
20	0.00	0.00	1.20	0.84	2.28	58.67	2.95	2.80	0.10	0.00	0.00	0.00	
21	0.00	0.00	0.72	0.84	2.04	23.62	2.65	2.50	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.60	0.72	2.04	14.00	2.28	2.05	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.96	1.08	1.68	13.58	2.20	1.83	0.00	0.00	0.00	0.00	
24	0.00	0.00	3.90	2.04	1.68	10.03	2.05	1.67	0.00	0.00	0.00	0.00	
25	0.00	0.00	4.65	1.80	1.56	9.64	2.43	1.52	0.00	0.00	0.00	0.00	
26	0.00	0.00	2.70	2.55	1.44	6.39	5.80	1.30	0.00	0.00	0.00	0.00	
27	0.00	0.00	1.80	1.56	1.44	5.80	10.55	1.15	0.00	0.00	0.00	0.00	
28	0.00	0.00	1.44	1.32	1.32	8.86	10.42	1.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	1.20	3.90	1.20	11.20	6.00	1.00	0.00	0.00	0.00	0.00	
30	0.00	0.96	0.96	1.92	1.20	7.04	4.30	1.00	0.00	0.00	0.00	0.00	
31		1.92		1.44	1.20		3.63		0.00	0.00		0.00	
Total	0.00	2.88	33.45	37.17	111.63	432.82	165.03	110.01	11.10	0.00	0.00	0.00	904.09 CMSDAY
Mean	0.00	0.09	1.12	1.20	3.60	14.43	5.32	3.67	0.36	0.00	0.00	0.00	2.48 CMS
Max	0.00	1.92	4.65	3.90	16.15	63.86	11.76	11.90	1.30	0.00	0.00	0.00	63.86 CMS
Min	0.00	0.00	0.36	0.72	1.20	1.92	2.05	1.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.25	2.89	3.21	9.65	37.40	14.26	9.51	0.96	0.00	0.00	0.00	78.11 MCM
Momentary Peak	82.48	CMS, at 39.14 m. (MSL.), at 03.00 Hours, on Sep 20, 2005											
Runoff Yield	7.00	Liters/Second/Square KM. Momentary Peak Yield 232.994 Liters/Second/Square KM.											

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Huai Samong at Ban Kaeng Din So , Prachin Buri (Kgt.15A)

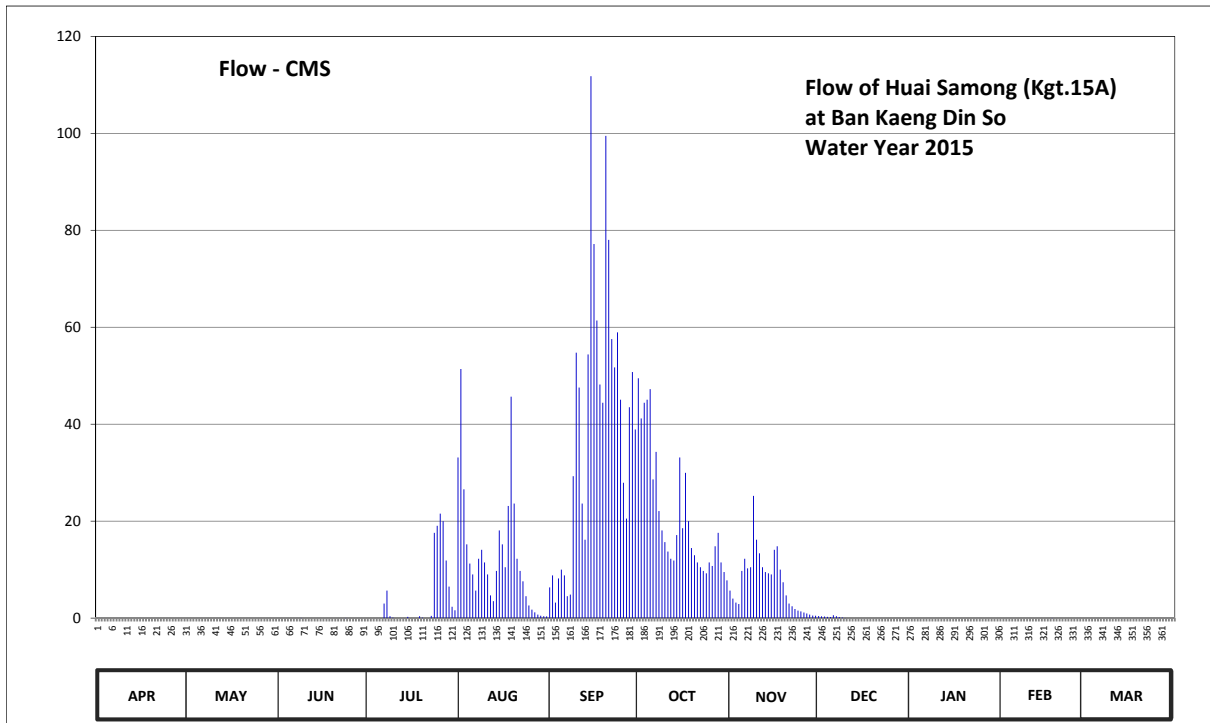
Lat 14 - 03 - 47 N Long 101 - 55 - 39 E

Location : on right bank at Ban Kaeng Din So about 1 kilometer upstream from the Kgt.15 Station.

	Ban Kaeng Din So	Amphoe Na Di	Changwat Prachin Buri
Drainage Area	548 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+12.800 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the station office and near the rain gage.	Elevation	+22.396 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1968 to date		
Rating Operation			
Period of Rating	1968 to date		
Rated by Flot	-		
Rated by Current Meter	1968 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by the local weir. Stage-discharge relation defined by 24 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.99	14.06	14.12	14.18	16.01	15.36	16.29	15.32	14.71	14.11	13.80	13.96	
2	13.96	13.97	14.36	14.20	16.35	15.49	16.08	15.22	14.68	14.09	13.78	13.89	
3	13.94	13.87	14.32	14.19	15.92	15.15	16.13	15.15	14.66	14.06	13.86	13.85	
4	13.92	13.77	14.27	14.08	15.70	15.46	16.15	15.12	14.63	14.02	14.07	13.81	
5	13.90	13.67	14.24	13.96	15.59	15.54	16.22	15.53	14.62	13.98	14.03	13.78	
6	13.88	13.59	14.21	14.01	15.50	15.49	15.95	15.62	14.80	13.94	13.97	13.74	
7	13.86	13.54	14.16	15.13	15.32	15.25	16.02	15.55	14.70	13.91	13.91	13.70	
8	13.83	13.50	14.15	15.32	15.62	15.27	15.84	15.56	14.62	13.89	13.85	13.66	
9	13.80	13.56	14.51	14.69	15.67	15.96	15.76	15.90	14.57	13.85	13.80	13.61	
10	13.76	13.67	14.42	14.55	15.60	16.45	15.71	15.72	14.52	13.79	13.76	13.60	
11	13.73	13.63	14.36	14.40	15.50	16.23	15.66	15.65	14.50	13.72	13.73	13.58	
12	13.71	13.58	14.35	14.30	15.26	15.87	15.62	15.56	14.48	13.67	13.69	13.60	
13	13.68	13.54	14.28	14.24	15.18	15.72	15.61	15.52	14.41	13.62	13.65	13.63	
14	13.67	13.52	14.22	14.25	15.53	16.44	15.74	15.51	14.35	13.57	13.62	13.67	
15	13.66	13.50	14.13	14.63	15.76	17.76	16.01	15.50	14.32	13.54	13.60	13.70	
16	13.66	13.47	14.09	14.38	15.70	17.04	15.77	15.67	14.29	13.54	13.58	13.69	
17	13.66	13.44	14.08	14.45	15.56	16.64	15.97	15.69	14.27	13.77	13.60	13.65	
18	13.68	13.44	14.10	14.50	15.86	16.25	15.80	15.54	14.26	13.95	14.52	13.58	
19	13.69	13.43	14.21	14.70	16.17	16.13	15.68	15.42	14.24	14.06	14.38	13.53	
20	13.72	13.42	14.29	14.55	15.87	17.53	15.64	15.26	14.22	14.15	14.29	13.50	
21	13.74	13.42	14.37	14.44	15.62	17.06	15.60	15.13	14.21	14.17	14.23	13.47	
22	13.75	13.43	14.29	14.45	15.53	16.53	15.56	15.07	14.19	14.14	14.18	13.45	
23	13.76	13.45	14.31	14.73	15.43	16.36	15.53	15.01	14.17	14.08	14.14	13.45	
24	13.77	13.45	14.52	15.75	15.25	16.57	15.51	14.96	14.15	14.03	14.11	13.44	
25	13.78	13.45	14.37	15.78	15.09	16.15	15.60	14.93	14.14	13.98	14.09	13.43	
26	13.79	13.45	14.44	15.83	14.99	15.94	15.57	14.89	14.16	13.92	14.07	13.42	
27	13.77	13.45	14.39	15.80	14.90	15.81	15.69	14.86	14.18	13.87	14.03	13.41	
28	13.80	13.45	14.36	15.61	14.82	16.10	15.75	14.82	14.19	13.85	13.99	13.41	
29	14.30	13.45	14.34	15.37	14.75	16.33	15.60	14.77	14.19	13.84		13.43	
30	14.16	13.47	14.25	15.06	14.70	16.06	15.52	14.74	14.16	13.83		13.43	
31		13.59		14.97	14.68		15.44		14.14	13.82		13.44	
Mean	13.81	13.56	14.28	14.73	15.47	16.13	15.77	15.31	14.38	13.90	13.94	13.60	
Max	14.30	14.06	14.52	15.83	16.35	17.76	16.29	15.90	14.80	14.17	14.52	13.96	17.76
Min	13.66	13.42	14.08	13.96	14.68	15.15	15.44	14.74	14.14	13.54	13.58	13.41	13.41
Annual Max Momentary Gage Height	17.97		m. (MSL.) ,				at 07.00 Hours, on Sep 15, 2005						
Zero Gage at Bottom Elevation	12.80		m. (MSL.) ,			River Bed	10.4	m. (MSL.)					
Left Bank Elevation		25.41		m. (MSL.) ,									
Right Bank Elevation		22.24		m. (MSL.) ,		Drainage Are	548	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	33.15	6.34	49.48	5.68	0.42	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	51.40	8.80	41.20	4.03	0.36	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	26.56	3.20	44.43	3.20	0.32	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	15.20	8.20	45.05	2.90	0.26	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	11.25	10.00	47.24	9.75	0.24	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	9.00	8.80	28.60	12.24	0.60	0.00	0.00	0.00	
7	0.00	0.00	0.00	3.00	5.68	4.53	34.30	10.25	0.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	5.68	12.24	4.86	22.08	10.50	0.24	0.00	0.00	0.00	
9	0.00	0.00	0.02	0.38	14.09	29.28	18.08	25.20	0.14	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.10	11.50	54.75	15.68	16.16	0.04	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	9.00	47.56	13.72	13.35	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	4.69	23.64	12.24	10.50	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	3.50	16.16	11.87	9.50	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	9.75	54.40	17.12	9.25	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.26	18.08	111.80	33.15	9.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	15.20	77.18	18.56	14.09	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	10.50	61.40	29.96	14.83	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	23.12	48.20	20.00	10.00	0.00	0.00	0.04	0.00	
19	0.00	0.00	0.00	0.40	45.67	44.43	14.46	7.40	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.10	23.64	99.50	12.98	4.69	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	12.24	78.02	11.50	3.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	9.75	57.55	10.50	2.43	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.46	7.60	51.72	9.75	1.89	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.04	17.60	4.53	58.95	9.25	1.56	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	19.04	2.61	45.05	11.50	1.38	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	21.56	1.74	27.92	10.75	1.14	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	20.00	1.20	20.52	14.83	0.96	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	11.87	0.72	43.50	17.60	0.72	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	6.51	0.50	50.76	11.50	0.54	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	2.34	0.40	38.90	9.50	0.48	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	1.62	0.36		7.80		0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.06	110.92	394.87	1195.92	654.68	216.62	3.02	0.00	0.04	0.00	2576.13 CMSDAY
Mean	0.00	0.00	0.00	3.58	12.74	39.86	21.12	7.22	0.10	0.00	0.00	0.00	7.06 CMS
Max	0.00	0.00	0.04	21.56	51.40	111.80	49.48	25.20	0.60	0.00	0.04	0.00	111.80 CMS
Min	0.00	0.00	0.00	0.00	0.36	3.20	7.80	0.48	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.01	9.58	34.12	103.33	56.56	18.72	0.26	0.00	0.00	0.00	222.58 MCM
Momentary Peak	123.52	CMS, at 17.97 m. (MSL), at 07.00 Hours, on Sep 15, 2005											
Runoff Yield	12.88	Liters/Second/Square KM.		Momentary Peak Yield		225.401	Liters/Second/Square KM.						

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khwaeng Nam Sai at Ban Saphan Hin , Prachin Buri (Kgt.33)

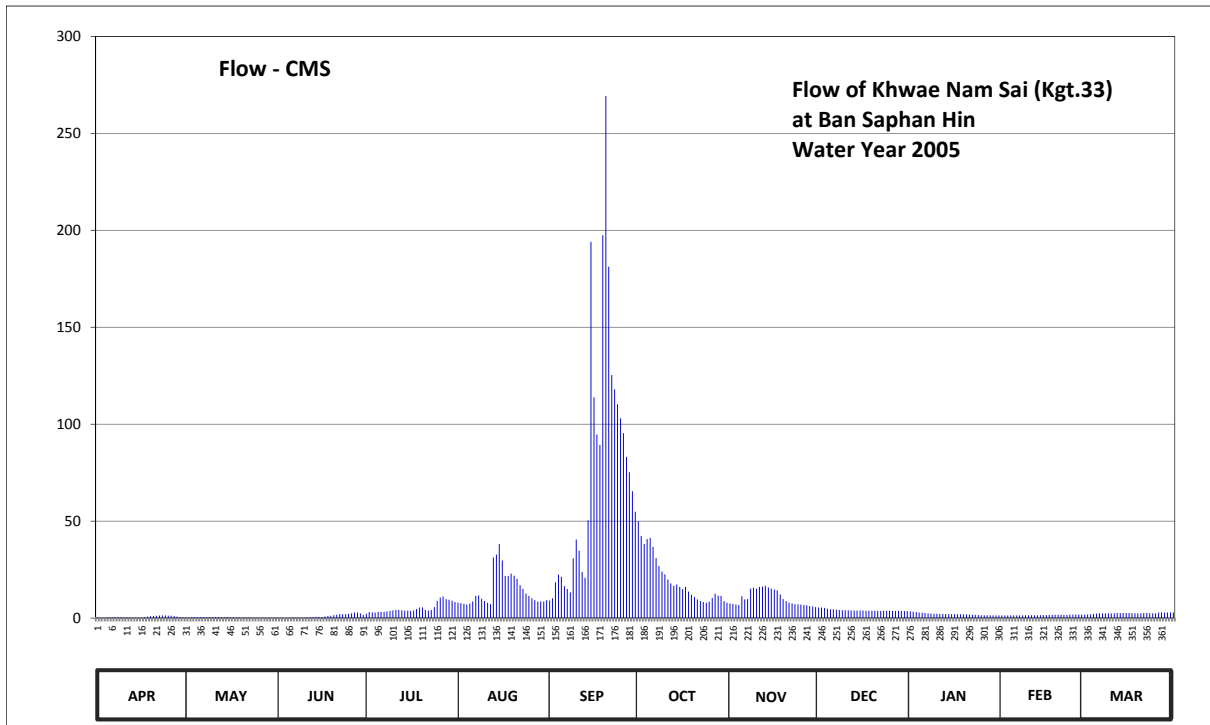
Lat 14 - 07 - 55 N Long 101 - 43 - 52 E

Location : on left bank at Ban Saphan Hin.

	Ban Saphan Hin	Amphoe Na Di	Changwat Prachin Buri
Drainage Area	617 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the top staff gage.	Elevation	+10.598 m. (A.D.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.66	0.67	0.64	0.97	1.60	1.69	3.68	1.55	1.35	1.13	0.83	0.90	
2	0.65	0.67	0.64	1.09	1.57	1.77	3.39	1.53	1.34	1.11	0.83	0.91	
3	0.64	0.70	0.62	1.06	1.53	2.28	3.23	1.50	1.33	1.09	0.83	0.93	
4	0.66	0.69	0.62	1.05	1.50	2.50	3.33	1.48	1.29	1.06	0.83	0.95	
5	0.67	0.69	0.64	1.10	1.54	2.44	3.35	1.84	1.25	1.04	0.83	0.97	
6	0.68	0.69	0.65	1.10	1.65	2.17	3.17	1.73	1.25	1.02	0.83	0.99	
7	0.69	0.70	0.63	1.10	1.85	2.09	2.91	1.74	1.24	1.00	0.83	1.00	
8	0.69	0.70	0.63	1.13	1.87	1.97	2.72	2.10	1.22	0.98	0.83	1.00	
9	0.68	0.70	0.62	1.16	1.75	2.90	2.59	2.12	1.20	0.96	0.83	1.00	
10	0.67	0.71	0.65	1.19	1.67	3.32	2.51	2.10	1.20	0.96	0.84	1.00	
11	0.67	0.71	0.66	1.22	1.59	3.08	2.36	2.15	1.20	0.95	0.84	1.00	
12	0.66	0.71	0.68	1.22	1.52	2.58	2.25	2.16	1.19	0.95	0.84	1.02	
13	0.65	0.70	0.70	1.20	2.92	2.41	2.18	2.18	1.19	0.95	0.84	1.01	
14	0.65	0.69	0.72	1.18	2.99	3.70	2.22	2.13	1.18	0.94	0.84	1.03	
15	0.65	0.69	0.72	1.18	3.23	7.03	2.15	2.10	1.18	0.94	0.86	1.02	
16	0.65	0.68	0.71	1.17	2.85	5.48	2.08	2.07	1.18	0.94	0.86	1.02	
17	0.69	0.68	0.74	1.19	2.46	5.03	2.15	2.04	1.17	0.93	0.87	1.01	
18	0.75	0.67	0.78	1.27	2.46	4.88	2.00	1.90	1.17	0.93	0.88	1.00	
19	0.77	0.67	0.81	1.34	2.53	7.09	1.89	1.74	1.17	0.92	0.89	1.00	
20	0.78	0.67	0.84	1.35	2.47	8.24	1.82	1.66	1.17	0.91	0.89	1.00	
21	0.80	0.66	0.89	1.22	2.38	6.80	1.73	1.59	1.16	0.90	0.89	1.02	
22	0.82	0.66	0.94	1.18	2.20	5.73	1.67	1.56	1.16	0.89	0.88	1.02	
23	0.83	0.65	0.93	1.22	2.09	5.57	1.63	1.52	1.17	0.87	0.88	1.00	
24	0.83	0.65	0.94	1.37	1.93	5.40	1.59	1.51	1.17	0.86	0.90	1.00	
25	0.82	0.64	0.96	1.67	1.85	5.24	1.64	1.50	1.17	0.85	0.90	1.00	
26	0.81	0.64	1.00	1.79	1.77	5.05	1.78	1.48	1.16	0.84	0.90	1.05	
27	0.78	0.64	1.06	1.83	1.70	4.71	1.93	1.46	1.16	0.84	0.90	1.07	
28	0.75	0.63	1.05	1.74	1.64	4.49	1.86	1.42	1.16	0.84	0.90	1.06	
29	0.70	0.63	0.98	1.72	1.65	4.20	1.85	1.40	1.15	0.83		1.05	
30	0.68	0.63	0.88	1.68	1.65	3.85	1.66	1.37	1.15	0.83		1.05	
31		0.63		1.63	1.70		1.59		1.15	0.83		1.05	
Mean	0.71	0.67	0.78	1.30	2.00	4.12	2.29	1.75	1.20	0.94	0.86	1.00	
Max	0.83	0.71	1.06	1.83	3.23	8.24	3.68	2.18	1.35	1.13	0.90	1.07	8.24
Min	0.64	0.63	0.62	0.97	1.50	1.69	1.59	1.37	1.15	0.83	0.83	0.90	0.62
Annual Max Momentary Gage Height	8.37												at 06.00 Hours, on Sep 20, 2005
Zero Gage at Bottom Elevation	0.00												River Bed -0.07 m. (A.D.),
Left Bank Elevation	10.56												
Right Bank Elevation	10.84												Drainage Area 617 Square Kilometers



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.35	0.20	2.29	8.00	9.08	49.88	7.50	5.50	3.44	1.38	1.80	
2	0.25	0.35	0.20	3.13	7.70	10.25	42.34	7.30	5.40	3.28	1.38	1.87	
3	0.20	0.50	0.10	2.92	7.30	18.44	38.18	7.00	5.30	3.13	1.38	2.01	
4	0.30	0.45	0.10	2.85	7.00	22.40	40.78	6.80	4.90	2.92	1.38	2.15	
5	0.35	0.45	0.20	3.20	7.40	21.32	41.30	11.30	4.50	2.78	1.38	2.29	
6	0.40	0.45	0.25	3.20	8.60	16.46	36.74	9.65	4.50	2.64	1.38	2.43	
7	0.45	0.50	0.15	3.20	11.45	15.05	31.02	9.80	4.40	2.50	1.38	2.50	
8	0.45	0.50	0.15	3.44	11.75	13.25	26.84	15.20	4.20	2.36	1.38	2.50	
9	0.40	0.50	0.10	3.68	9.95	30.80	24.02	15.56	4.00	2.22	1.38	2.50	
10	0.35	0.57	0.25	3.92	8.84	40.52	22.58	15.20	4.00	2.22	1.44	2.50	
11	0.35	0.57	0.30	4.20	7.90	34.76	19.88	16.10	4.00	2.15	1.44	2.50	
12	0.30	0.57	0.40	4.20	7.20	23.84	17.90	16.28	3.92	2.15	1.44	2.64	
13	0.25	0.50	0.50	4.00	31.24	20.78	16.64	16.64	3.92	2.15	1.44	2.57	
14	0.25	0.45	0.64	3.84	32.78	50.40	17.36	15.74	3.84	2.08	1.44	2.71	
15	0.25	0.45	0.64	3.84	38.18	194.08	16.10	15.20	3.84	2.08	1.56	2.64	
16	0.25	0.40	0.57	3.76	29.70	113.88	14.90	14.75	3.84	2.08	1.56	2.64	
17	0.45	0.40	0.78	3.92	21.68	94.68	16.10	14.30	3.76	2.01	1.62	2.57	
18	0.85	0.35	1.06	4.70	21.68	89.28	13.70	12.20	3.76	2.01	1.68	2.50	
19	0.99	0.35	1.26	5.40	22.94	197.44	12.05	9.80	3.76	1.94	1.74	2.50	
20	1.06	0.35	1.44	5.50	21.86	269.36	11.00	8.72	3.76	1.87	1.74	2.50	
21	1.20	0.30	1.74	4.20	20.24	181.20	9.65	7.90	3.68	1.80	1.74	2.64	
22	1.32	0.30	2.08	3.84	17.00	125.38	8.84	7.60	3.68	1.74	1.68	2.64	
23	1.38	0.25	2.01	4.20	15.05	118.02	8.36	7.20	3.76	1.62	1.68	2.50	
24	1.38	0.25	2.08	5.70	12.65	110.20	7.90	7.10	3.76	1.56	1.80	2.50	
25	1.32	0.20	2.22	8.84	11.45	103.08	8.48	7.00	3.76	1.50	1.80	2.50	
26	1.26	0.20	2.50	10.55	10.25	95.40	10.40	6.80	3.68	1.44	1.80	2.85	
27	1.06	0.20	2.92	11.15	9.20	83.16	12.65	6.60	3.68	1.44	1.80	2.99	
28	0.85	0.15	2.85	9.80	8.48	75.24	11.60	6.20	3.68	1.44	1.80	2.92	
29	0.50	0.15	2.36	9.50	8.60	65.40	11.45	6.00	3.60	1.38	1.80	2.85	
30	0.40	0.15	1.68	8.96	8.60	54.90	8.72	5.70	3.60	1.38	1.80	2.85	
31		0.15		8.36	9.20		7.90		3.60	1.38		2.85	
Total	19.12	11.31	31.73	160.29	453.87	2298.05	615.26	313.14	125.58	64.69	43.62	78.41	4215.07 CMSDAY
Mean	0.64	0.36	1.06	5.17	14.64	76.60	19.85	10.44	4.05	2.09	1.56	2.53	11.55 CMS
Max	1.38	0.57	2.92	11.15	38.18	269.36	49.88	16.64	5.50	3.44	1.80	2.99	269.36 CMS
Min	0.20	0.15	0.10	2.29	7.00	9.08	7.90	5.70	3.60	1.38	1.38	1.80	0.10 CMS
Runoff	1.65	0.98	2.74	13.85	39.21	198.55	53.16	27.06	10.85	5.59	3.77	6.78	364.18 MCM
Momentary Peak	277.96	CMS, at	8.37 m. (A.D.),	at 06.00 Hours, on Sep 20, 2005									
Runoff Yield	18.72	Liters/Second/Square KM.		Momentary Peak Yield	450.502	Liters/Second/Square KM.							

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlong Phra Sathung at Ban Tharapha , Sa Kao (Kgt.42)

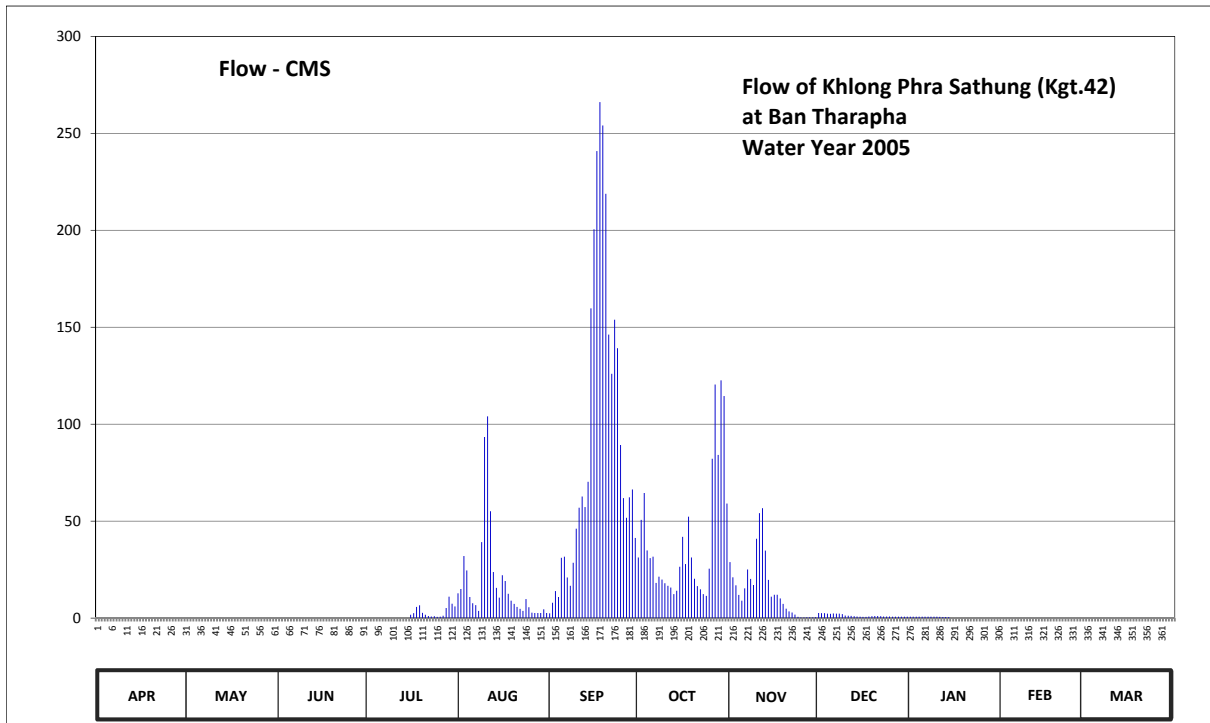
Lat 13 - 59 - 21 N Long 101 - 57 - 30 E

Location : on left bank at the bridge.

	Ban Tharapha	Amphoe Mueang	Changwat Sa Kao
Drainage Area	-	sq.km.	
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+13.860 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the top staff gage.	Elevation	+24.321 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 32 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	*****	*****	*****	*****	15.89	14.90	17.14	16.98	14.93	14.51	15.95	15.91	
2	*****	*****	*****	*****	16.04	15.49	18.26	16.45	14.91	14.51	15.94	15.90	
3	*****	*****	*****	*****	17.19	15.97	18.95	16.17	14.91	14.51	15.94	15.90	
4	*****	*****	*****	*****	16.69	15.76	17.39	15.83	14.86	14.50	15.94	15.88	
5	*****	*****	*****	*****	15.76	17.13	17.12	15.60	14.85	14.49	15.94	15.88	
6	*****	*****	*****	*****	15.47	17.17	17.17	16.06	14.87	14.49	15.94	15.86	
7	*****	*****	*****	*****	15.37	16.44	16.25	16.72	14.86	14.49	15.94	15.85	
8	*****	*****	*****	*****	15.07	16.15	16.47	16.39	14.86	14.49	15.93	15.83	
9	*****	*****	*****	*****	17.68	16.96	16.37	16.18	14.81	14.48	15.93	15.83	
10	*****	*****	*****	*****	20.18	18.03	16.24	17.77	14.67	14.48	15.93	15.84	
11	*****	*****	*****	*****	20.53	18.57	16.15	18.43	14.64	14.46	15.92	15.84	
12	*****	*****	*****	*****	18.48	18.86	16.09	18.56	14.63	14.42	15.92	15.84	
13	*****	*****	*****	*****	16.63	18.59	15.86	17.38	14.58	14.42	15.92	15.84	
14	*****	*****	*****	*****	16.08	19.24	15.98	16.36	14.52	14.41	15.91	15.84	
15	*****	*****	*****	*****	15.74	21.95	16.82	15.77	14.50	14.42	15.90	15.82	
16	*****	*****	*****	14.74	16.52	22.81	17.82	15.84	14.47	14.48	15.89	15.80	
17	*****	*****	*****	14.91	16.32	23.57	16.91	15.84	14.46	14.66	15.89	15.80	
18	*****	*****	*****	15.28	15.87	24.02	18.34	15.71	14.52	14.88	15.92	15.78	
19	*****	*****	*****	15.36	15.60	23.81	17.14	15.43	14.58	15.14	15.92	15.78	
20	*****	*****	*****	14.94	15.43	23.17	16.40	15.19	14.62	15.37	15.92	15.76	
21	*****	*****	*****	14.74	15.28	21.65	16.14	15.05	14.62	15.56	15.92	15.76	
22	*****	*****	*****	14.61	15.18	21.15	16.03	14.98	14.60	15.72	15.92	15.78	
23	*****	*****	*****	14.54	15.07	21.82	15.86	14.77	14.53	15.87	15.91	15.77	
24	*****	*****	*****	14.60	15.68	21.48	15.80	14.47	14.52	15.98	15.90	15.76	
25	*****	*****	*****	14.45	15.26	20.03	16.75	14.33	14.52	16.04	15.92	15.75	
26	*****	*****	*****	14.48	14.96	18.82	19.74	14.34	14.51	16.08	15.93	15.74	
27	*****	*****	*****	14.64	14.92	18.31	21.00	14.36	14.51	16.09	15.93	15.73	
28	*****	*****	*****	15.22	14.92	18.84	19.82	14.37	14.51	16.07	15.92	15.73	
29	*****	*****	*****	15.77	14.92	19.04	21.06	14.37	14.50	16.02		15.79	
30	*****	*****	*****	15.44	15.15	17.79	20.83	14.41	14.50	15.99		15.82	
31	*****	*****	*****	15.30	14.92		18.68		14.50	15.96		15.89	
Mean	*****	*****	*****	*****	16.09	19.25	17.44	15.80	14.64	15.06	15.92	15.82	
Max	*****	*****	*****	15.77	20.53	24.02	21.06	18.56	14.93	16.09	15.95	15.91	24.02
Min	*****	*****	*****	*****	14.92	14.90	15.80	14.33	14.46	14.41	15.89	15.73	*****
Annual Max Momentary Gage Height	24.06		m. (MSL.) ,			at 06.00 Hours, on Sep 18, 2005							
Zero Gage at Bottom Elevation	13.86		m. (MSL.) ,			River Bed	13.96	m. (MSL.)					
Left Bank Elevation	24.89		m. (MSL.) ,										
Right Bank Elevation	24.86		m. (MSL.) ,			Drainage Area		Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	*****	*****	*****	*****	12.80	2.50	31.24	28.88	2.65	0.77	0.00	0.00	
2	*****	*****	*****	*****	15.02	7.90	50.70	21.06	2.55	0.77	0.00	0.00	
3	*****	*****	*****	*****	31.98	13.98	64.50	16.93	2.55	0.77	0.00	0.00	
4	*****	*****	*****	*****	24.60	10.89	34.93	11.92	2.30	0.75	0.00	0.00	
5	*****	*****	*****	*****	10.89	31.09	30.95	9.00	2.25	0.72	0.00	0.00	
6	*****	*****	*****	*****	7.70	31.68	31.68	15.31	2.35	0.72	0.00	0.00	
7	*****	*****	*****	*****	6.70	20.92	18.11	25.04	2.30	0.72	0.00	0.00	
8	*****	*****	*****	*****	3.70	16.64	21.36	20.18	2.30	0.72	0.00	0.00	
9	*****	*****	*****	*****	39.20	28.58	19.88	17.08	2.05	0.70	0.00	0.00	
10	*****	*****	*****	*****	93.40	46.10	17.96	40.90	1.35	0.70	0.00	0.00	
11	*****	*****	*****	*****	104.05	56.90	16.64	54.10	1.20	0.65	0.00	0.00	
12	*****	*****	*****	*****	55.10	62.70	15.75	56.70	1.15	0.55	0.00	0.00	
13	*****	*****	*****	*****	23.72	57.30	12.36	34.78	0.95	0.55	0.00	0.00	
14	*****	*****	*****	*****	15.60	70.30	14.13	19.74	0.80	0.52	0.00	0.00	
15	*****	*****	*****	*****	10.59	159.75	26.52	11.03	0.75	0.00	0.00	0.00	
16	*****	*****	*****	1.70	22.10	200.50	41.90	12.07	0.68	0.00	0.00	0.00	
17	*****	*****	*****	2.55	19.14	240.85	27.85	12.07	0.65	0.00	0.00	0.00	
18	*****	*****	*****	5.80	12.51	266.10	52.30	10.15	0.80	0.00	0.00	0.00	
19	*****	*****	*****	6.60	9.00	254.05	31.24	7.30	0.95	0.00	0.00	0.00	
20	*****	*****	*****	2.70	7.30	218.85	20.32	4.90	1.10	0.00	0.00	0.00	
21	*****	*****	*****	1.70	5.80	146.25	16.49	3.50	1.10	0.00	0.00	0.00	
22	*****	*****	*****	1.05	4.80	126.00	14.87	2.90	1.00	0.00	0.00	0.00	
23	*****	*****	*****	0.85	3.70	153.90	12.36	1.85	0.82	0.00	0.00	0.00	
24	*****	*****	*****	1.00	9.80	139.20	11.48	0.68	0.80	0.00	0.00	0.00	
25	*****	*****	*****	0.62	5.60	89.29	25.49	0.32	0.80	0.00	0.00	0.00	
26	*****	*****	*****	0.70	2.80	61.90	82.22	0.35	0.77	0.00	0.00	0.00	
27	*****	*****	*****	1.20	2.60	51.70	120.50	0.40	0.77	0.00	0.00	0.00	
28	*****	*****	*****	5.20	2.60	62.30	84.17	0.42	0.77	0.00	0.00	0.00	
29	*****	*****	*****	11.03	2.60	66.30	122.60	0.42	0.75	0.00	0.00	0.00	
30	*****	*****	*****	7.40	4.50	41.30	114.55	0.52	0.75	0.00	0.00	0.00	
31	*****	*****	*****	6.00	2.60		59.10		0.75	0.00		0.00	
Total	*****	*****	*****	*****	572.50	2735.72	1244.15	440.50	40.76	9.61	0.00	0.00	***** CMSDAY
Mean	*****	*****	*****	*****	18.47	91.19	40.13	14.68	1.31	0.31	0.00	0.00	***** CMS
Max	*****	*****	*****	11.03	104.05	266.10	122.60	56.70	2.65	0.77	0.00	0.00	266.10 CMS
Min	*****	*****	*****	*****	2.60	2.50	11.48	0.32	0.65	0.00	0.00	0.00	***** CMS
Runoff	*****	*****	*****	*****	49.46	236.37	107.50	38.06	3.52	0.83	0.00	0.00	***** MCM
Momentary Peak	268.30	CMS, at 24.60 m. (MSL), at 06.00 Hours, on Sep 18, 2005											
Runoff Yield	*****	Liters/Second/Square KM.			Momentary Peak Yield	*****	Liters/Second/Square KM.						

WATER YEAR : 2005

BANG PAKONG RIVER BASIN

Nakhon Nayok River at Ban Khao Nang Buat , Nakhon Nayok (Ny.1B)

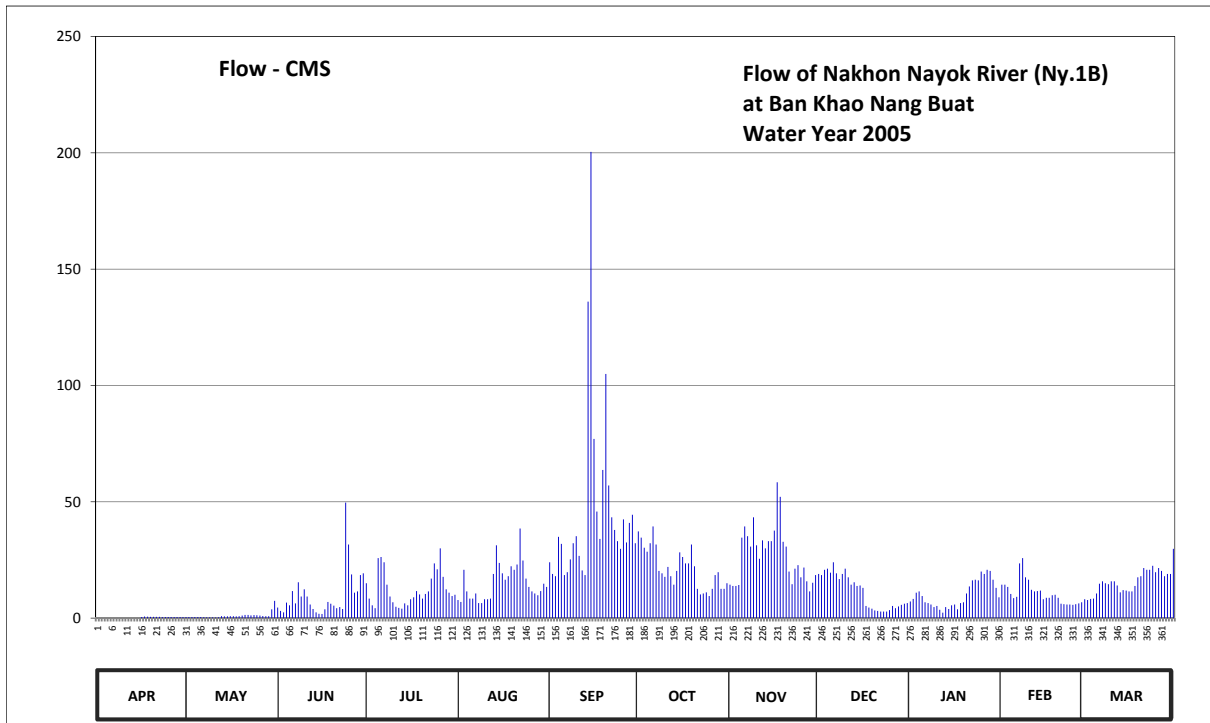
Lat 14 - 14 - 38 N Long 101 - 16 - 14 E

Location : on right bank about 700 meters upstream from Ny.1

	Ban	Khao Nang Buat	Amphoe	Mueang	Changwat	Nakhon Nayok
Drainage Area	521	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 200 meters from the staff gage.				Elevation	+8.758 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1973 to date					
Rating Operation						
Period of Rating	1973 - 1980 , 1991 to date					
Rated by Flot	-					
Rated by Current Meter	1973 - 1980 , 1991 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 40 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.15	3.30	3.76	4.35	3.96	4.72	5.21	4.32	4.52	3.92	4.32	3.98	
2	3.15	3.30	3.67	4.00	3.91	4.52	5.12	4.29	4.50	3.99	4.32	3.96	
3	3.15	3.29	3.63	3.82	4.59	4.48	4.97	4.29	4.59	4.14	4.27	3.99	
4	3.15	3.29	3.89	3.74	4.17	5.13	4.90	4.31	4.61	4.17	4.11	4.00	
5	3.17	3.29	3.82	4.79	4.00	5.03	5.04	5.12	4.54	4.06	4.01	4.12	
6	3.18	3.29	4.18	4.81	4.00	4.50	5.28	5.28	4.72	3.90	4.04	4.34	
7	3.19	3.28	3.87	4.72	4.12	4.55	5.02	5.14	4.53	3.88	4.70	4.39	
8	3.19	3.27	4.37	4.32	3.88	4.77	4.57	4.99	4.43	3.84	4.79	4.35	
9	3.19	3.27	4.05	4.05	3.88	5.04	4.53	5.41	4.52	3.77	4.46	4.33	
10	3.19	3.27	4.22	3.90	3.98	5.14	4.47	5.01	4.61	3.80	4.42	4.39	
11	3.19	3.26	4.05	3.78	3.98	4.83	4.64	4.78	4.46	3.70	4.21	4.39	
12	3.19	3.27	3.84	3.75	4.00	4.58	4.48	5.08	4.32	3.62	4.17	4.30	
13	3.19	3.37	3.72	3.73	4.52	4.50	4.32	4.96	4.37	3.77	4.18	4.15	
14	3.19	3.35	3.63	3.87	5.01	7.68	4.57	5.07	4.29	3.72	4.19	4.20	
15	3.20	3.35	3.57	3.82	4.71	8.88	4.89	5.07	4.30	3.82	3.98	4.19	
16	3.29	3.37	3.55	3.98	4.53	6.35	4.81	5.22	4.25	3.84	4.02	4.17	
17	3.34	3.36	3.71	4.03	4.42	5.48	4.70	5.84	3.80	3.71	4.02	4.17	
18	3.32	3.35	3.91	4.18	4.48	5.10	4.70	5.66	3.76	3.88	4.08	4.29	
19	3.31	3.36	3.86	4.10	4.65	5.99	5.02	5.06	3.73	3.90	4.09	4.46	
20	3.31	3.42	3.81	4.00	4.59	7.02	4.65	4.99	3.68	4.12	4.02	4.48	
21	3.31	3.48	3.74	4.11	4.68	5.80	4.23	4.56	3.67	4.28	3.86	4.62	
22	3.31	3.48	3.77	4.17	5.25	5.41	4.10	4.33	3.65	4.41	3.85	4.59	
23	3.30	3.43	3.72	4.44	4.75	5.23	4.12	4.61	3.65	4.42	3.84	4.59	
24	3.30	3.46	5.59	4.70	4.44	5.07	4.15	4.67	3.65	4.41	3.84	4.66	
25	3.30	3.44	5.02	4.60	4.27	4.95	4.06	4.46	3.69	4.56	3.83	4.55	
26	3.29	3.42	4.51	4.96	4.17	5.38	4.23	4.63	3.80	4.52	3.85	4.62	
27	3.30	3.38	4.14	4.47	4.12	5.05	4.50	4.39	3.74	4.59	3.87	4.57	
28	3.30	3.37	4.17	4.22	4.08	5.33	4.55	4.17	3.79	4.57	3.90	4.48	
29	3.30	3.37	4.50	4.14	4.18	5.44	4.23	4.36	3.83	4.42		4.52	
30	3.30	3.71	4.53	4.06	4.34	5.04	4.23	4.50	3.86	4.25		4.52	
31		3.94		4.09	4.27		4.35		3.88	4.03		4.95	
Mean	3.24	3.38	4.03	4.18	4.32	5.37	4.60	4.82	4.12	4.06	4.12	4.37	
Max	3.34	3.94	5.59	4.96	5.25	8.88	5.28	5.84	4.72	4.59	4.79	4.95	8.88
Min	3.15	3.26	3.55	3.73	3.88	4.48	4.06	4.17	3.65	3.62	3.83	3.96	3.15
Annual Max Momentary Gage Height	10.10		m. (MSL.) ,				at 01.00 Hours ,						on Sep 15 , 2005
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	2.75		m. (MSL.)				
Left Bank Elevation		11.51	m. (MSL.) ,										
Right Bank Elevation		10.50	m. (MSL.) ,			Drainage Are	521		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	0.50	4.56	15.00	7.76	24.00	37.30	14.40	19.00	7.12	14.40	8.08		
2	0.00	0.50	3.12	8.40	6.96	19.00	34.60	13.80	18.50	8.24	14.40	7.76		
3	0.00	0.45	2.48	5.52	20.75	18.00	30.25	13.80	20.75	10.92	13.40	8.24		
4	0.00	0.45	6.64	4.24	11.46	34.90	28.50	14.20	21.25	11.46	10.38	8.40		
5	0.00	0.45	5.52	25.75	8.40	31.90	32.20	34.60	19.50	9.48	8.58	10.56		
6	0.00	0.45	11.64	26.25	8.40	18.50	39.40	39.40	24.00	6.80	9.12	14.80		
7	0.00	0.40	6.32	24.00	10.56	19.75	31.60	35.20	19.25	6.48	23.50	15.80		
8	0.00	0.35	15.40	14.40	6.48	25.25	20.25	30.75	16.75	5.84	25.75	15.00		
9	0.00	0.35	9.30	9.30	6.48	32.20	19.25	43.35	19.00	4.72	17.50	14.60		
10	0.00	0.35	12.40	6.80	8.08	35.20	17.75	31.30	21.25	5.20	16.50	15.80		
11	0.00	0.30	9.30	4.88	8.08	26.75	22.00	25.50	17.50	3.60	12.20	15.80		
12	0.00	0.35	5.84	4.40	8.40	20.50	18.00	33.40	14.40	2.32	11.46	14.00		
13	0.00	0.85	3.92	4.08	19.00	18.50	14.40	30.00	15.40	4.72	11.64	11.10		
14	0.00	0.75	2.48	6.32	31.30	136.00	20.25	33.10	13.80	3.92	11.82	12.00		
15	0.00	0.75	1.85	5.52	23.75	200.40	28.25	33.10	14.00	5.52	8.08	11.82		
16	0.45	0.85	1.75	8.08	19.25	77.00	26.25	37.60	13.00	5.84	8.76	11.46		
17	0.70	0.80	3.76	8.94	16.50	45.80	23.50	58.40	5.20	3.76	8.76	11.46		
18	0.60	0.75	6.96	11.64	18.00	34.00	23.50	52.10	4.56	6.48	9.84	13.80		
19	0.55	0.80	6.16	10.20	22.25	63.65	31.60	32.80	4.08	6.80	10.02	17.50		
20	0.55	1.10	5.36	8.40	20.75	104.90	22.25	30.75	3.28	10.56	8.76	18.00		
21	0.55	1.40	4.24	10.38	23.00	57.00	12.60	20.00	3.12	13.60	6.16	21.50		
22	0.55	1.40	4.72	11.46	38.50	43.35	10.20	14.60	2.80	16.25	6.00	20.75		
23	0.50	1.15	3.92	17.00	24.75	37.90	10.56	21.25	2.80	16.50	5.84	20.75		
24	0.50	1.30	49.65	23.50	17.00	33.10	11.10	22.75	2.80	16.25	5.84	22.50		
25	0.50	1.20	31.60	21.00	13.40	29.75	9.48	17.50	3.44	20.00	5.68	19.75		
26	0.45	1.10	18.75	30.00	11.46	42.40	12.60	21.75	5.20	19.00	6.00	21.50		
27	0.50	0.90	10.92	17.75	10.56	32.50	18.50	15.80	4.24	20.75	6.32	20.25		
28	0.50	0.85	11.46	12.40	9.84	40.90	19.75	11.46	5.04	20.25	6.80	18.00		
29	0.50	0.85	18.50	10.92	11.64	44.40	12.60	15.20	5.68	16.50		19.00		
30	0.50	3.76	19.25	9.48	14.80	32.20	12.60	18.50	6.16	13.00		19.00		
31		7.44		10.02	13.40		15.00		6.48	8.94		29.75		
Total	7.90	32.90	297.77	386.03	470.96	1379.70	666.09	816.36	352.23	310.82	303.51	488.73	5513.00	CMSDAY
Mean	0.26	1.06	9.93	12.45	15.19	45.99	21.49	27.21	11.36	10.03	10.84	15.77	15.10	CMS
Max	0.70	7.44	49.65	30.00	38.50	200.40	39.40	58.40	24.00	20.75	25.75	29.75	200.40	CMS
Min	0.00	0.30	1.75	4.08	6.48	18.00	9.48	11.46	2.80	2.32	5.68	7.76	0.00	CMS
Runoff	0.68	2.84	25.73	33.35	40.69	119.21	57.55	70.53	30.43	26.86	26.22	42.23	476.32	MCM
Momentary Peak	272.00 CMS. at 10.10 m. (MSL.) at 01.00 Hours , on Sep 15 , 2005													
Runoff Yield	28.99 Liters/Second/Square KM.			Momentary Peak Yield 522.073 Liters/Second/Square KM.										

WATER YEAR : 2005

BANG PAKONG RIVER BASIN

Lower Khlong Ban Na at Ban Pa Kha , Nakhon Nayok (Ny.3)

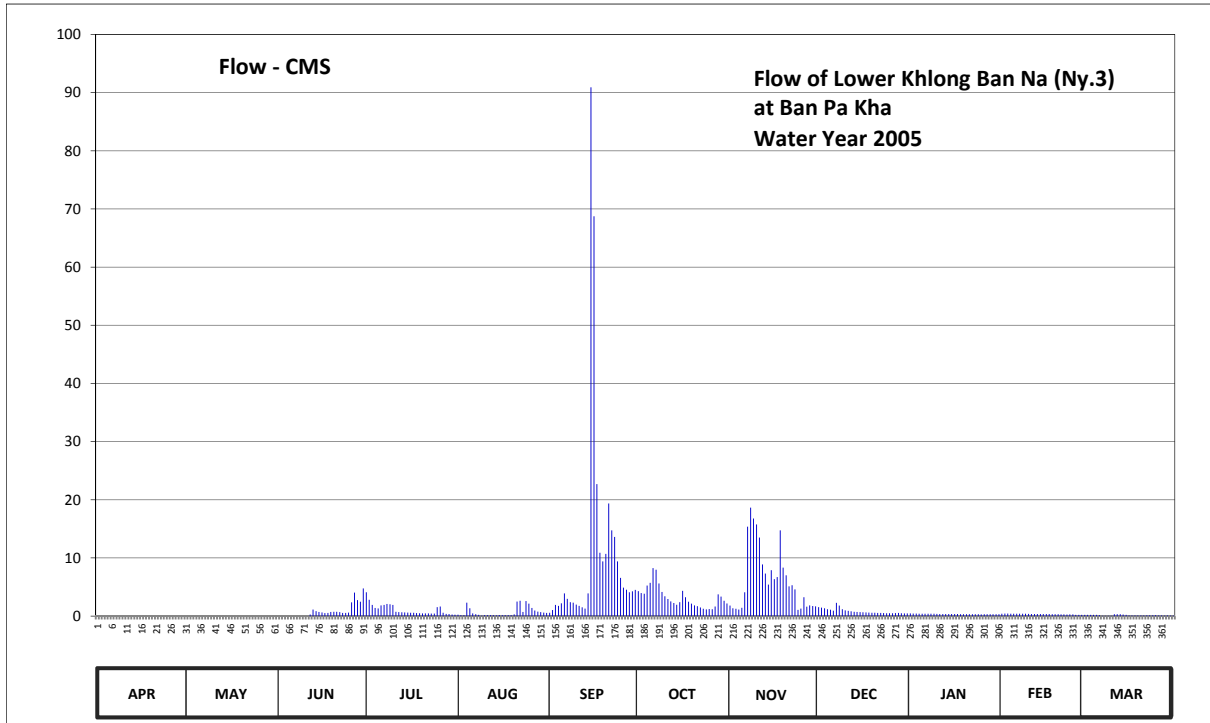
Lat 14 - 17 - 04 N Long 101 - 04 - 28 E

Location : on left bank near Wat Ban Pa Kha.

	Ban Pa Kha	Amphoe Ban Na	Changwat Nakhon Nayok
Drainage Area	203 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+6.330 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 10 meters from the top staff gage.	Elevation	+12.695 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1977 to date		
Rating Operation			
Period of Rating	1977 - 1978 , 1980, 1988 to date		
Rated by Flot	-		
Rated by Current Meter	1977 - 1978 , 1980, 1988 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by the local weir. Stage-discharge relation defined by 32 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.63	6.63	6.63	8.42	6.99	7.26	8.46	7.78	7.69	7.17	7.14	6.97	
2	6.63	6.63	6.63	8.13	6.93	7.51	8.39	7.62	7.66	7.16	7.16	6.98	
3	6.63	6.63	6.63	7.82	6.92	7.82	8.37	7.59	7.62	7.15	7.15	6.98	
4	6.63	6.63	6.63	7.64	7.97	7.77	8.64	7.54	7.56	7.14	7.14	6.97	
5	6.63	6.63	6.63	7.61	7.62	7.93	8.72	7.65	7.53	7.13	7.13	6.97	
6	6.63	6.63	6.68	7.80	7.18	8.38	9.06	8.42	7.47	7.13	7.13	6.93	
7	6.63	6.63	6.67	7.82	7.06	8.19	9.03	9.71	7.96	7.13	7.13	6.85	
8	6.63	6.63	6.65	7.89	6.98	8.00	8.70	9.96	7.79	7.13	7.13	6.84	
9	6.63	6.63	6.63	7.87	6.86	7.97	8.43	9.82	7.56	7.12	7.12	6.83	
10	6.63	6.63	6.64	7.82	6.93	7.85	8.28	9.74	7.49	7.10	7.10	6.84	
11	6.63	6.63	6.73	7.40	6.93	7.77	8.18	9.56	7.46	7.09	7.09	7.07	
12	6.63	6.63	7.02	7.35	6.92	7.68	8.04	9.13	7.43	7.08	7.08	7.06	
13	6.63	6.63	7.54	7.33	6.92	7.60	7.95	8.95	7.39	7.08	7.08	7.06	
14	6.63	6.63	7.44	7.31	6.91	8.38	7.84	8.67	7.36	7.08	7.08	7.02	
15	6.63	6.63	7.37	7.28	6.96	12.61	8.00	9.02	7.34	7.08	7.08	6.98	
16	6.63	6.63	7.30	7.26	6.94	12.05	8.47	8.82	7.33	7.08	7.08	6.90	
17	6.63	6.63	7.22	7.26	6.93	10.21	8.25	8.87	7.30	7.08	7.08	6.88	
18	6.63	6.63	7.25	7.22	6.93	9.34	8.02	9.66	7.29	7.07	7.07	6.88	
19	6.63	6.63	7.37	7.20	6.92	9.19	7.90	9.07	7.26	7.07	7.07	6.89	
20	6.63	6.63	7.40	7.18	7.05	9.32	7.80	8.91	7.26	7.06	7.06	6.89	
21	6.63	6.63	7.38	7.17	8.03	10.01	7.75	8.62	7.24	7.06	7.05	6.90	
22	6.63	6.63	7.34	7.17	8.08	9.66	7.67	8.65	7.24	7.06	7.04	6.91	
23	6.63	6.63	7.24	7.16	7.37	9.57	7.59	8.52	7.22	7.06	7.02	6.91	
24	6.63	6.63	7.25	7.16	8.06	9.19	7.55	7.52	7.20	7.06	7.05	6.91	
25	6.63	6.63	7.28	7.69	7.90	8.85	7.57	7.60	7.20	7.05	7.05	6.92	
26	6.63	6.63	7.98	7.73	7.64	8.58	7.56	8.25	7.20	7.06	6.98	6.90	
27	6.63	6.63	8.41	7.26	7.48	8.51	7.73	7.72	7.21	7.07	6.97	6.88	
28	6.63	6.63	8.12	7.11	7.41	8.42	8.35	7.80	7.24	7.07	6.97	6.87	
29	6.63	6.63	8.02	7.09	7.34	8.45	8.27	7.76	7.19	7.07	7.07	6.90	
30	6.63	6.63	8.55	7.02	7.27	8.50	8.08	7.74	7.17	7.07	7.07	6.86	
31	6.63	6.63	7.00	7.24	7.24	7.24	7.92	7.92	7.17	7.07	7.07	6.86	
Mean	6.63	6.63	7.22	7.46	7.25	8.75	8.15	8.56	7.39	7.09	7.08	6.92	
Max	6.63	6.63	8.55	8.42	8.08	12.61	9.06	9.96	7.96	7.17	7.16	7.07	12.61
Min	6.63	6.63	6.63	7.00	6.86	7.26	7.55	7.52	7.17	7.05	6.97	6.83	6.63
Annual Max Momentary Gage Height	12.67		m. (MSL.) ,			at 06.00 Hours ,	on Sep 15 , 2005						
Zero Gage at Bottom Elevation	6.33		m. (MSL.) ,			River Bed	6.70	m. (MSL.)					
Left Bank Elevation	13.11		m. (MSL.) ,										
Right Bank Elevation	13.61		m. (MSL.) ,			Drainage Are	203	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	4.10	0.24	0.58	4.30	1.80	1.55	0.46	0.42	0.21	
2	0.00	0.00	0.00	2.79	0.16	1.05	3.95	1.35	1.46	0.45	0.45	0.22	
3	0.00	0.00	0.00	1.91	0.15	1.91	3.85	1.27	1.35	0.44	0.44	0.22	
4	0.00	0.00	0.00	1.41	2.32	1.77	5.24	1.13	1.19	0.42	0.42	0.21	
5	0.00	0.00	0.00	1.33	1.35	2.21	5.72	1.44	1.11	0.41	0.41	0.21	
6	0.00	0.00	0.00	1.85	0.47	3.90	8.24	4.10	0.94	0.41	0.41	0.16	
7	0.00	0.00	0.00	1.91	0.32	2.97	7.97	15.38	2.29	0.41	0.41	0.06	
8	0.00	0.00	0.00	2.10	0.22	2.40	5.60	18.66	1.82	0.41	0.41	0.05	
9	0.00	0.00	0.00	2.04	0.07	2.32	4.15	16.77	1.19	0.40	0.40	0.04	
10	0.00	0.00	0.00	1.91	0.16	1.99	3.40	15.75	1.00	0.37	0.37	0.05	
11	0.00	0.00	0.00	0.75	0.16	1.77	2.94	13.50	0.91	0.36	0.36	0.34	
12	0.00	0.00	0.27	0.69	0.15	1.52	2.52	8.87	0.83	0.35	0.35	0.32	
13	0.00	0.00	1.13	0.66	0.15	1.30	2.26	7.32	0.74	0.35	0.35	0.32	
14	0.00	0.00	0.86	0.64	0.14	3.90	1.96	5.42	0.70	0.35	0.35	0.27	
15	0.00	0.00	0.71	0.60	0.20	90.92	2.40	7.88	0.68	0.35	0.35	0.22	
16	0.00	0.00	0.63	0.58	0.17	68.75	4.35	6.35	0.66	0.35	0.35	0.12	
17	0.00	0.00	0.52	0.58	0.16	22.68	3.25	6.72	0.63	0.35	0.35	0.10	
18	0.00	0.00	0.56	0.52	0.16	10.90	2.46	14.75	0.61	0.34	0.34	0.10	
19	0.00	0.00	0.71	0.50	0.15	9.41	2.13	8.33	0.58	0.34	0.34	0.11	
20	0.00	0.00	0.75	0.47	0.31	10.70	1.85	7.02	0.58	0.32	0.32	0.11	
21	0.00	0.00	0.73	0.46	2.49	19.37	1.71	5.12	0.55	0.32	0.31	0.12	
22	0.00	0.00	0.68	0.46	2.64	14.75	1.49	5.30	0.55	0.32	0.30	0.14	
23	0.00	0.00	0.55	0.45	0.71	13.62	1.27	4.60	0.52	0.32	0.27	0.14	
24	0.00	0.00	0.56	0.45	2.58	9.41	1.16	1.08	0.50	0.32	0.31	0.14	
25	0.00	0.00	0.60	1.55	2.13	6.58	1.22	1.30	0.50	0.31	0.31	0.15	
26	0.00	0.00	2.35	1.66	1.41	4.90	1.19	3.25	0.50	0.32	0.22	0.12	
27	0.00	0.00	4.05	0.58	0.97	4.55	1.66	1.63	0.51	0.34	0.21	0.10	
28	0.00	0.00	2.76	0.39	0.78	4.10	3.75	1.85	0.55	0.34	0.21	0.09	
29	0.00	0.00	2.46	0.36	0.68	4.25	3.35	1.74	0.49	0.34		0.12	
30	0.00	0.00	4.75	0.27	0.59	4.50	2.64	1.68	0.46	0.34		0.07	
31	0.00	0.00		0.25	0.55		2.18		0.46	0.34		0.07	
Total	0.00	0.00	25.63	34.22	22.74	328.98	100.16	191.36	26.41	11.25	9.74	4.70	755.19 CMSDAY
Mean	0.00	0.00	0.85	1.10	0.73	10.97	3.23	6.38	0.85	0.36	0.35	0.15	2.07 CMS
Max	0.00	0.00	4.75	4.10	2.64	90.92	8.24	18.66	2.29	0.46	0.45	0.34	90.92 CMS
Min	0.00	0.00	0.00	0.25	0.07	0.58	1.16	1.08	0.46	0.31	0.21	0.04	0.00 CMS
Runoff	0.00	0.00	2.21	2.96	1.97	28.42	8.65	16.53	2.28	0.97	0.84	0.41	65.25 MCM
Momentary Peak	93.47	CMS.	at 12.67 m. (MSL.)	at 06.00 Hours	on Sep 15, 2005								
Runoff Yield	10.19	Liters/Second/Square KM.		Momentary Peak Yield	460.443	Liters/Second/Square KM.							

WATER YEAR : 2005

BANG PAKONG RIVER BASIN

Khlong Samo Pun at Ban Noen Hom , Prachin Buri (Ny.4)

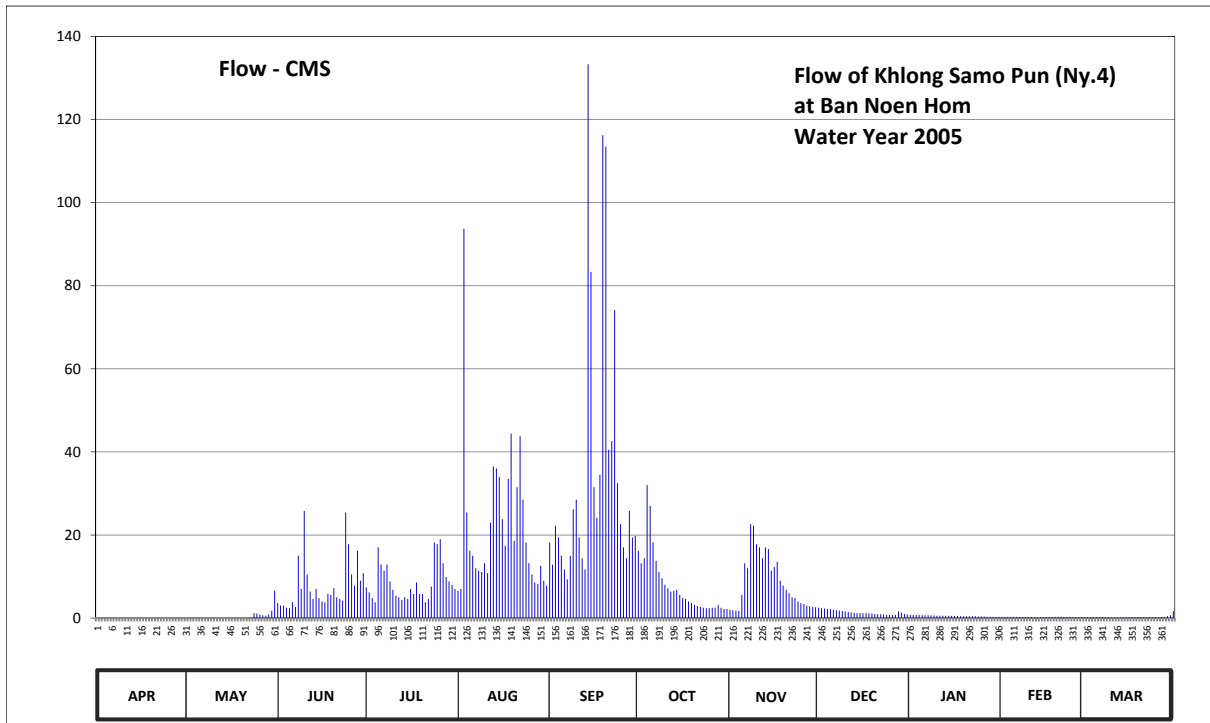
Lat 14 - 17 - 27 N Long 101 - 24 - 25 E

Location : on left bank at the bridge of Prachin Buri - Khao Yai Highway.

	Ban	Noen Hom	Amphoe	Mueang	Changwat	Prachin Buri
Drainage Area	128	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+376.100 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+382.580 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings					
Period of Available Gage Records	1986 to date					
Rating Operation						
Period of Rating	1986 to date					
Rated by Flot	-					
Rated by Current Meter	1986 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +379.600 m.(M.S.L.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 36 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	376.19	376.22	376.73	376.92	376.88	377.28	377.23	376.60	376.65	376.46	376.38	376.37	
2	376.19	376.21	376.70	376.86	376.90	377.13	377.14	376.59	376.64	376.46	376.38	376.37	
3	376.19	376.20	376.70	376.79	378.53	377.38	377.18	376.58	376.63	376.46	376.38	376.37	
4	376.22	376.20	376.65	376.74	377.46	377.31	377.60	376.57	376.62	376.46	376.38	376.37	
5	376.24	376.20	376.64	377.25	377.23	377.20	377.50	376.83	376.61	376.45	376.38	376.36	
6	376.24	376.20	376.74	377.13	377.20	377.09	377.28	377.14	376.60	376.45	376.38	376.36	
7	376.24	376.20	376.67	377.08	377.10	377.01	377.16	377.10	376.59	376.45	376.38	376.36	
8	376.24	376.20	377.20	377.13	377.08	377.20	377.07	377.39	376.58	376.44	376.37	376.36	
9	376.24	376.20	376.90	376.99	377.07	377.48	377.02	377.38	376.57	376.44	376.37	376.36	
10	376.24	376.20	377.47	376.89	377.14	377.53	376.95	377.27	376.56	376.43	376.37	376.35	
11	376.24	376.20	377.05	376.82	377.06	377.31	376.91	377.25	376.55	376.43	376.37	376.35	
12	376.24	376.20	376.87	376.80	377.40	377.18	376.87	377.18	376.54	376.43	376.37	376.35	
13	376.24	376.20	376.78	376.77	377.69	377.09	376.88	377.25	376.53	376.43	376.37	376.35	
14	376.24	376.20	376.90	376.80	377.68	378.97	376.89	377.24	376.52	376.42	376.37	376.36	
15	376.24	376.20	376.79	376.78	377.64	378.40	376.83	377.08	376.52	376.42	376.37	376.36	
16	376.23	376.20	376.75	376.90	377.42	377.59	376.79	377.11	376.52	376.42	376.37	376.36	
17	376.23	376.19	376.74	376.84	377.26	377.43	376.78	377.15	376.52	376.42	376.37	376.36	
18	376.23	376.19	376.84	376.98	377.63	377.65	376.75	377.00	376.51	376.41	376.38	376.36	
19	376.23	376.19	376.83	376.84	377.84	378.78	376.73	376.94	376.51	376.41	376.38	376.37	
20	376.23	376.20	376.91	376.84	377.29	378.75	376.71	376.89	376.50	376.41	376.38	376.37	
21	376.24	376.20	376.80	376.74	377.59	377.77	376.69	376.85	376.49	376.41	376.38	376.37	
22	376.24	376.24	376.78	376.78	377.83	377.81	376.67	376.80	376.49	376.41	376.37	376.37	
23	376.24	376.33	376.76	376.93	377.53	378.28	376.65	376.79	376.48	376.41	376.37	376.37	
24	376.24	376.52	377.46	377.28	377.28	377.61	376.64	376.75	376.47	376.40	376.37	376.37	
25	376.24	376.51	377.27	377.27	377.14	377.39	376.64	376.73	376.47	376.40	376.37	376.36	
26	376.23	376.47	377.05	377.30	377.05	377.25	376.65	376.72	376.46	376.40	376.37	376.36	
27	376.23	376.44	376.94	377.14	376.98	377.18	376.65	376.70	376.46	376.39	376.37	376.37	
28	376.23	376.43	377.23	377.03	376.96	377.47	376.71	376.68	376.56	376.39	376.37	376.37	
29	376.22	376.48	377.00	376.99	377.12	377.31	376.65	376.67	376.53	376.38		376.41	
30	376.22	376.58	377.06	376.95	377.00	377.32	376.62	376.66	376.50	376.38		376.45	
31		376.88		376.90	376.94		376.62		376.48	376.38		376.57	
Mean	376.23	376.29	376.91	376.95	377.32	377.57	376.89	376.93	376.54	376.42	376.37	376.37	
Max	376.24	376.88	377.47	377.30	378.53	378.97	377.60	377.39	376.65	376.46	376.38	376.57	378.97
Min	376.19	376.19	376.64	376.74	376.88	377.01	376.62	376.57	376.46	376.38	376.37	376.35	376.19
Annual Max Momentary Gage Height	380.47		m. (MSL.) ,				at 17.00 Hours ,						
Zero Gage at Bottom Elevation	376.10		m. (MSL.) ,			River Bed	374.99	m. (MSL.)					
Left Bank Elevation		379.60		m. (MSL.) ,									
Right Bank Elevation		380.18		m. (MSL.) ,		Drainage Are	128	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	3.60	7.40	6.60	18.20	16.20	2.00	2.50	0.76	0.32	0.28	
2	0.00	0.00	3.00	6.20	7.00	12.90	13.20	1.90	2.40	0.76	0.32	0.28	
3	0.00	0.00	3.00	4.80	93.70	22.20	14.40	1.80	2.30	0.76	0.32	0.28	
4	0.00	0.00	2.50	3.80	25.40	19.40	32.00	1.70	2.20	0.76	0.32	0.28	
5	0.00	0.00	2.40	17.00	16.20	15.00	27.00	5.60	2.10	0.70	0.32	0.24	
6	0.00	0.00	3.80	12.90	15.00	11.70	18.20	13.20	2.00	0.70	0.32	0.24	
7	0.00	0.00	2.70	11.40	12.00	9.30	13.80	12.00	1.90	0.70	0.32	0.24	
8	0.00	0.00	15.00	12.90	11.40	15.00	11.10	22.60	1.80	0.64	0.28	0.24	
9	0.00	0.00	7.00	8.80	11.10	26.20	9.60	22.20	1.70	0.64	0.28	0.24	
10	0.00	0.00	25.80	6.80	13.20	28.50	8.00	17.80	1.60	0.58	0.28	0.20	
11	0.00	0.00	10.50	5.40	10.80	19.40	7.20	17.00	1.50	0.58	0.28	0.20	
12	0.00	0.00	6.40	5.00	23.00	14.40	6.40	14.40	1.40	0.58	0.28	0.20	
13	0.00	0.00	4.60	4.40	36.50	11.70	6.60	17.00	1.30	0.58	0.28	0.20	
14	0.00	0.00	7.00	5.00	36.00	133.30	6.80	16.60	1.20	0.52	0.28	0.24	
15	0.00	0.00	4.80	4.60	34.00	83.33	5.60	11.40	1.20	0.52	0.28	0.24	
16	0.00	0.00	4.00	7.00	23.80	31.50	4.80	12.30	1.20	0.52	0.28	0.24	
17	0.00	0.00	3.80	5.80	17.40	24.20	4.60	13.50	1.20	0.52	0.28	0.24	
18	0.00	0.00	5.80	8.60	33.50	34.50	4.00	9.00	1.10	0.46	0.32	0.24	
19	0.00	0.00	5.60	5.80	44.40	116.20	3.60	7.80	1.10	0.46	0.32	0.28	
20	0.00	0.00	7.20	5.80	18.60	113.50	3.20	6.80	1.00	0.46	0.32	0.28	
21	0.00	0.00	5.00	3.80	31.50	40.50	2.90	6.00	0.94	0.46	0.32	0.28	
22	0.00	0.00	4.60	4.60	43.80	42.60	2.70	5.00	0.94	0.46	0.28	0.28	
23	0.00	0.12	4.20	7.60	28.50	74.13	2.50	4.80	0.88	0.46	0.28	0.28	
24	0.00	1.20	25.40	18.20	18.20	32.50	2.40	4.00	0.82	0.40	0.28	0.28	
25	0.00	1.10	17.80	17.80	13.20	22.60	2.40	3.60	0.82	0.40	0.28	0.24	
26	0.00	0.82	10.50	19.00	10.50	17.00	2.50	3.40	0.76	0.40	0.28	0.24	
27	0.00	0.64	7.80	13.20	8.60	14.40	2.50	3.00	0.76	0.36	0.28	0.28	
28	0.00	0.58	16.20	9.90	8.20	25.80	3.20	2.80	1.60	0.36	0.28	0.28	
29	0.00	0.88	9.00	8.80	12.60	19.40	2.50	2.70	1.30	0.32		0.46	
30	0.00	1.80	10.80	8.00	9.00	19.80	2.20	2.60	1.00	0.32		0.70	
31		6.60		7.00	7.80		2.20		0.88	0.32		1.70	
Total	0.00	13.74	239.80	267.30	681.50	1069.16	244.30	264.50	43.40	16.46	8.28	9.90	2858.34 CMSDAY
Mean	0.00	0.44	7.99	8.62	21.98	35.64	7.88	8.82	1.40	0.53	0.30	0.32	7.83 CMS
Max	0.00	6.60	25.80	19.00	93.70	133.30	32.00	22.60	2.50	0.76	0.32	1.70	133.30 CMS
Min	0.00	0.00	2.40	3.80	6.60	9.30	2.20	1.70	0.76	0.32	0.28	0.20	0.00 CMS
Runoff	0.00	1.19	20.72	23.10	58.88	92.38	21.11	22.85	3.75	1.42	0.72	0.86	246.96 MCM
Momentary Peak	320.50 CMS. at 380.47 m. (MSL.) at 17.00 Hours , on Sep 14, 2005												
Runoff Yield	61.18 Liters/Second/Square KM.			Momentary Peak Yield 2503.906 Liters/Second/Square KM.									

WATER YEAR : 2005

TONLE SAP BASIN

Khlong Phra Phut at Ban Pang Ngon , Chanthaburi (TI.3)

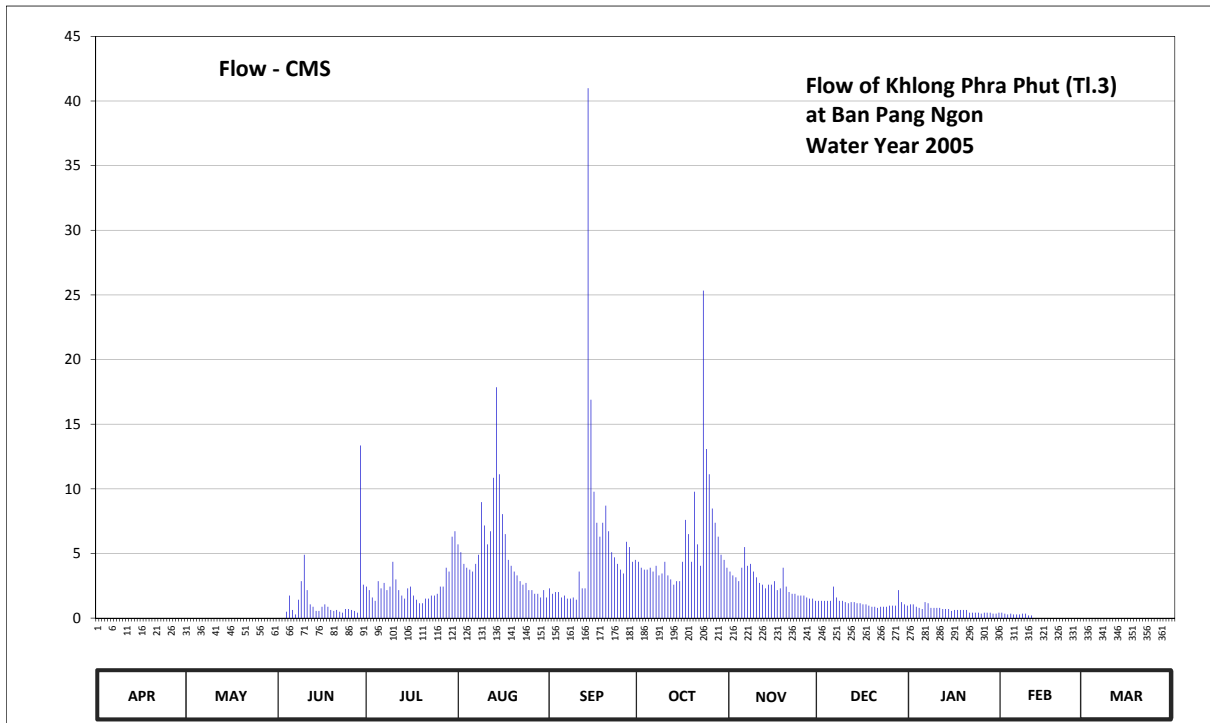
Lat 12 - 58 - 12 N Long 102 - 17 - 20 E

Location : on left bank downstream from the bridge of Pong Nam Ron -Wang Nam Yen Highway.

	Ban Pang Ngon	Amphoe Pong Nam Ron	Changwat Chanthaburi
Drainage Area	71 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+190.675 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 6 meters from the top staff gage.	Elevation	+195.973 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1986 to date		
Rated by Flot	-		
Rated by Current Meter	1986 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by the local weir. Stage-discharge relation defined by 26 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.85	190.72	190.76	191.16	191.36	191.15	191.29	191.24	191.07	191.04	190.96	191.10	
2	190.80	190.70	190.81	191.14	191.33	191.12	191.26	191.22	191.07	191.04	190.95	191.10	
3	190.80	190.75	190.83	191.10	191.28	191.13	191.25	191.21	191.07	191.02	190.94	191.10	
4	190.93	190.74	190.97	191.07	191.26	191.13	191.25	191.19	191.07	191.01	190.95	191.10	
5	190.90	190.72	191.11	191.19	191.25	191.10	191.26	191.26	191.07	191.00	190.94	191.08	
6	190.87	190.70	190.99	191.15	191.24	191.11	191.24	191.35	191.16	191.06	190.94	191.09	
7	190.84	190.69	190.94	191.18	191.28	191.09	191.27	191.27	191.10	191.05	190.94	191.08	
8	190.94	190.68	191.08	191.14	191.32	191.09	191.22	191.28	191.07	191.01	190.95	191.11	
9	190.90	190.72	191.19	191.16	191.51	191.10	191.23	191.24	191.07	191.01	190.95	191.09	
10	190.89	190.94	191.32	191.29	191.43	191.08	191.29	191.21	191.06	191.01	190.93	191.09	
11	190.83	190.95	191.14	191.20	191.36	191.24	191.22	191.18	191.05	191.01	190.93	191.07	
12	190.79	190.89	191.04	191.14	191.41	191.15	191.20	191.17	191.06	191.00	190.93	191.05	
13	190.84	190.88	191.02	191.11	191.58	191.15	191.17	191.15	191.06	191.00	190.94	191.04	
14	190.96	190.90	190.98	191.09	191.82	192.38	191.19	191.17	191.05	191.00	190.94	191.04	
15	190.95	190.88	190.98	191.15	191.59	191.79	191.19	191.17	191.05	190.98	190.97	191.04	
16	190.93	190.86	191.02	191.16	191.47	191.54	191.29	191.19	191.04	190.99	191.02	191.03	
17	190.92	190.82	191.04	191.11	191.40	191.44	191.45	191.14	191.04	190.99	191.03	191.02	
18	190.91	190.81	191.02	191.08	191.30	191.39	191.40	191.15	191.03	190.99	191.06	191.03	
19	190.90	190.81	190.99	191.05	191.27	191.44	191.29	191.26	191.02	190.99	191.02	191.06	
20	190.90	190.80	190.98	191.05	191.24	191.50	191.54	191.16	191.02	190.99	191.04	191.09	
21	190.90	190.81	190.99	191.09	191.22	191.41	191.36	191.13	191.01	190.96	191.06	191.14	
22	190.88	190.75	190.97	191.09	191.19	191.33	191.27	191.12	191.02	190.96	191.06	191.10	
23	190.88	190.74	190.96	191.11	191.17	191.31	192.03	191.12	191.02	190.96	191.06	191.08	
24	190.86	190.72	191.00	191.11	191.18	191.28	191.66	191.11	191.02	190.96	191.08	191.10	
25	190.82	190.71	191.00	191.12	191.14	191.25	191.59	191.11	191.03	190.95	191.07	191.08	
26	190.74	190.70	190.99	191.16	191.14	191.23	191.49	191.11	191.03	190.96	191.09	191.06	
27	190.73	190.68	190.98	191.16	191.12	191.37	191.44	191.10	191.03	190.96	191.09	191.03	
28	190.72	190.68	190.96	191.26	191.12	191.35	191.39	191.09	191.14	190.96	191.11	191.01	
29	190.70	190.68	191.67	191.24	191.10	191.29	191.32	191.09	191.06	190.95		191.17	
30	190.72	190.68	191.17	191.39	191.14	191.30	191.30	191.07	191.04	190.95		191.10	
31		190.68		191.41	191.10		191.26		191.03	190.96		191.09	
Mean	190.85	190.77	191.03	191.16	191.30	191.31	191.34	191.18	191.05	190.99	191.00	191.08	
Max	190.96	190.95	191.67	191.41	191.82	192.38	192.03	191.35	191.16	191.06	191.11	191.17	192.38
Min	190.70	190.68	190.76	191.05	191.10	191.08	191.17	191.07	191.01	190.95	190.93	191.01	190.68
Annual Max Momentary Gage Height	192.87		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	190.68		m. (MSL.) ,			River Bed	190.79		m. (MSL.)				
Left Bank Elevation		195.36		m. (MSL.) ,									
Right Bank Elevation		195.60		m. (MSL.) ,		Drainage Are	71		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	2.44	5.70	2.30	4.35	3.60	1.33	1.06	0.42	0.00	
2	0.00	0.00	0.00	2.16	5.10	1.88	3.90	3.30	1.33	1.06	0.35	0.00	
3	0.00	0.00	0.00	1.60	4.20	2.02	3.75	3.15	1.33	0.88	0.28	0.00	
4	0.00	0.00	0.49	1.33	3.90	2.02	3.75	2.86	1.33	0.79	0.35	0.00	
5	0.00	0.00	1.74	2.86	3.75	1.60	3.90	3.90	1.33	0.70	0.28	0.00	
6	0.00	0.00	0.63	2.30	3.60	1.74	3.60	5.50	2.44	1.24	0.28	0.00	
7	0.00	0.00	0.28	2.72	4.20	1.51	4.05	4.05	1.60	1.15	0.28	0.00	
8	0.00	0.00	1.42	2.16	4.90	1.51	3.30	4.20	1.33	0.79	0.35	0.00	
9	0.00	0.00	2.86	2.44	8.97	1.60	3.45	3.60	1.33	0.79	0.35	0.00	
10	0.00	0.00	4.90	4.35	7.16	1.42	4.35	3.15	1.24	0.79	0.21	0.00	
11	0.00	0.00	2.16	3.00	5.70	3.60	3.30	2.72	1.15	0.79	0.21	0.00	
12	0.00	0.00	1.06	2.16	6.72	2.30	3.00	2.58	1.24	0.70	0.00	0.00	
13	0.00	0.00	0.88	1.74	10.86	2.30	2.58	2.30	1.24	0.70	0.00	0.00	
14	0.00	0.00	0.56	1.51	17.86	41.00	2.86	2.58	1.15	0.70	0.00	0.00	
15	0.00	0.00	0.56	2.30	11.13	16.90	2.86	2.58	1.15	0.56	0.00	0.00	
16	0.00	0.00	0.88	2.44	8.04	9.78	4.35	2.86	1.06	0.63	0.00	0.00	
17	0.00	0.00	1.06	1.74	6.50	7.38	7.60	2.16	1.06	0.63	0.00	0.00	
18	0.00	0.00	0.88	1.42	4.50	6.30	6.50	2.30	0.97	0.63	0.00	0.00	
19	0.00	0.00	0.63	1.15	4.05	7.38	4.35	3.90	0.88	0.63	0.00	0.00	
20	0.00	0.00	0.56	1.15	3.60	8.70	9.78	2.44	0.88	0.63	0.00	0.00	
21	0.00	0.00	0.63	1.51	3.30	6.72	5.70	2.02	0.79	0.42	0.00	0.00	
22	0.00	0.00	0.49	1.51	2.86	5.10	4.05	1.88	0.88	0.42	0.00	0.00	
23	0.00	0.00	0.42	1.74	2.58	4.70	25.34	1.88	0.88	0.42	0.00	0.00	
24	0.00	0.00	0.70	1.74	2.72	4.20	13.08	1.74	0.88	0.42	0.00	0.00	
25	0.00	0.00	0.70	1.88	2.16	3.75	11.13	1.74	0.97	0.35	0.00	0.00	
26	0.00	0.00	0.63	2.44	2.16	3.45	8.48	1.74	0.97	0.42	0.00	0.00	
27	0.00	0.00	0.56	2.44	1.88	5.90	7.38	1.60	0.97	0.42	0.00	0.00	
28	0.00	0.00	0.42	3.90	1.88	5.50	6.30	1.51	2.16	0.42	0.00	0.00	
29	0.00	0.00	13.36	3.60	1.60	4.35	4.90	1.51	1.24	0.35	0.00	0.00	
30	0.00	0.00	2.58	6.30	2.16	4.50	4.50	1.33	1.06	0.35	0.00	0.00	
31	0.00	0.00	6.72	1.60	3.90	3.90	3.90	0.97	0.42	0.42	0.00	0.00	
Total	0.00	0.00	42.04	76.75	155.34	171.41	180.34	80.68	37.14	20.26	3.36	0.00	767.32 CMSDAY
Mean	0.00	0.00	1.40	2.48	5.01	5.71	5.82	2.69	1.20	0.65	0.12	0.00	2.10 CMS
Max	0.00	0.00	13.36	6.72	17.86	41.00	25.34	5.50	2.44	1.24	0.42	0.00	41.00 CMS
Min	0.00	0.00	0.00	1.15	1.60	1.42	2.58	1.33	0.79	0.35	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	3.63	6.63	13.42	14.81	15.58	6.97	3.21	1.75	0.29	0.00	66.30 MCM
Momentary Peak	70.90	CMS. at 192.87 m. (MSL.) at 09.00 Hours, on Oct 23 , 2005											
Runoff Yield	29.46	Liters/Second/Square KM. Momentary Peak Yield 993.415 Liters/Second/Square KM.											

WATER YEAR : 2005

TONLE SAP BASIN

Khlong Ta Kong at Ban Khlong Ta Kong , Chanthaburi (T1.4)

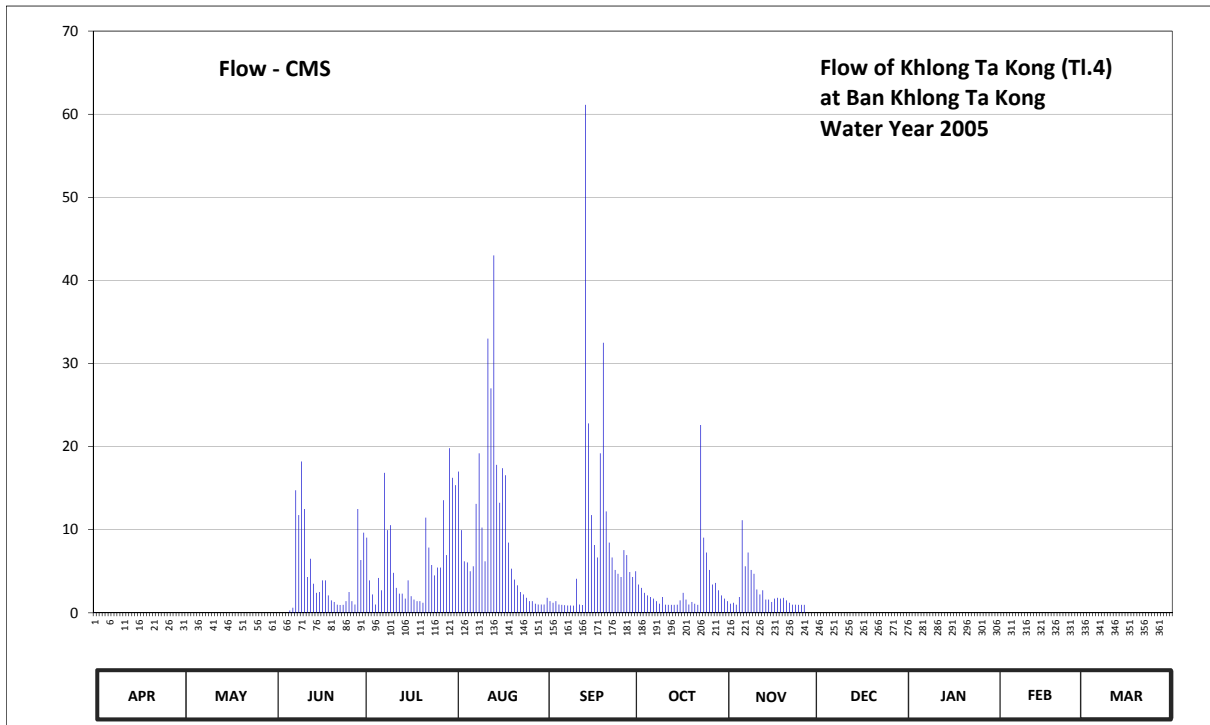
Lat 12 - 55 - 02 N Long 102 - 19 - 30 E

Location : on left bank downstream from the bridge of Amphoe Pong Nam Ron - Ban Pong Nam Ron.

	Ban Khlong Ta Kong	Amphoe Pong Nam Ron	Changwat Chanthaburi
Drainage Area	86 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+176.800 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 30 meters from the top staff gage.	Elevation	+186.762 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1984 to date		
Rating Operation			
Period of Rating	1986 to date		
Rated by Flot	-		
Rated by Current Meter	1986 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. Flow effected by the local weir. Stage-discharge relation defined by 25 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.03	176.80	176.80	178.71	179.09	178.08	178.40	178.04	177.91	177.78	176.60	178.10	
2	176.95	176.80	176.80	178.67	179.20	178.04	178.24	178.01	177.90	177.77	176.60	178.10	
3	176.95	176.80	176.80	178.29	178.73	178.02	178.20	178.02	177.89	177.77	176.60	178.11	
4	176.95	176.80	176.80	178.12	178.48	178.04	178.14	177.97	177.89	177.72	176.60	178.12	
5	176.95	176.80	176.98	177.99	178.47	178.00	178.11	178.09	177.88	177.72	176.60	178.14	
6	176.96	176.80	177.28	178.32	178.40	177.96	178.09	178.81	177.98	177.83	176.60	178.13	
7	176.94	176.80	177.62	178.17	178.44	177.92	178.07	178.44	178.09	177.71	176.60	178.12	
8	176.91	176.80	179.05	179.19	178.94	177.88	178.04	178.55	177.98	177.68	176.60	178.13	
9	176.89	176.80	178.85	178.73	179.31	177.88	178.01	178.41	177.94	177.69	176.60	178.14	
10	176.86	176.80	179.26	178.77	178.75	177.87	178.09	178.37	177.91	177.68	176.60	178.12	
11	176.83	176.80	178.90	178.38	178.48	178.31	177.98	178.18	177.90	177.67	176.60	178.10	
12	176.80	176.80	178.33	178.20	179.90	178.00	177.96	178.12	177.89	177.65	176.60	178.10	
13	176.80	176.80	178.50	178.13	179.66	177.94	177.96	178.17	177.88	177.61	176.60	178.10	
14	176.80	176.80	178.25	178.13	180.30	180.91	177.96	178.06	177.88	177.70	176.60	178.10	
15	176.80	176.80	178.14	178.07	179.24	179.49	177.97	178.06	177.86	177.73	176.67	178.11	
16	176.82	176.80	178.15	178.29	178.95	178.85	178.05	178.03	177.85	177.70	176.60	178.11	
17	176.83	176.80	178.29	178.10	179.22	178.61	178.14	178.07	177.83	177.72	176.60	178.10	
18	176.83	176.80	178.29	178.06	179.17	178.51	178.06	178.08	177.80	177.72	176.60	178.10	
19	176.84	176.80	178.11	178.04	178.63	179.31	177.99	178.07	177.85	177.75	176.60	178.10	
20	176.87	176.80	178.05	178.04	178.42	179.88	178.03	178.08	177.84	177.78	176.60	178.09	
21	176.85	176.80	178.03	178.02	178.30	178.88	178.01	178.05	177.83	177.79	176.60	178.11	
22	176.85	176.80	177.98	178.83	178.23	178.63	177.96	178.02	177.83	177.70	176.60	178.12	
23	176.80	176.80	177.93	178.59	178.15	178.51	179.48	177.98	177.81	177.75	176.60	178.11	
24	176.80	176.80	177.96	178.45	178.12	178.41	178.67	177.97	177.79	177.61	176.60	178.10	
25	176.80	176.80	178.04	178.35	178.08	178.37	178.55	177.96	177.81	177.60	178.14	178.08	
26	176.80	176.80	178.15	178.43	178.04	178.33	178.41	177.96	177.83	176.60	178.14	178.08	
27	176.80	176.80	178.04	178.43	178.04	178.57	178.24	177.95	177.84	176.60	178.13	178.09	
28	176.80	176.80	178.00	178.97	178.01	178.53	178.26	177.88	177.86	176.60	178.12	178.09	
29	176.80	176.80	178.90	178.53	178.00	178.39	178.17	177.72	177.88	176.60		178.10	
30	176.80	176.80	178.49	179.34	178.00	178.33	178.11	177.80	177.84	176.60		178.12	
31		176.80		179.15	178.00		178.07		177.79	176.60		178.21	
Mean	176.86	176.80	178.03	178.44	178.67	178.48	178.17	178.10	177.87	177.47	176.82	178.11	
Max	177.03	176.80	179.26	179.34	180.30	180.91	179.48	178.81	178.09	177.83	178.14	178.21	180.91
Min	176.80	176.80	176.80	177.99	178.00	177.87	177.96	177.72	177.79	176.60	176.60	178.08	176.60
Annual Max Momentary Gage Height	182.96		m. (MSL.) ,				at 15.00 Hours ,						on Sep 14 , 2005
Zero Gage at Bottom Elevation	176.80		m. (MSL.) ,			River Bed	176.60		m. (MSL.)				
Left Bank Elevation		184.65		m. (MSL.) ,									
Right Bank Elevation		184.01		m. (MSL.) ,		Drainage Are	86		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.03	0.00	0.00	9.65	15.35	1.80	5.00	1.40	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	9.05	17.00	1.40	3.40	1.10	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	3.90	9.95	1.20	3.00	1.20	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	2.20	6.20	1.40	2.40	0.97	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.99	6.05	1.00	2.10	1.90	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.28	4.20	5.00	0.96	1.90	11.15	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.62	2.70	5.60	0.92	1.70	5.60	0.00	0.00	0.00	0.00	
8	0.00	0.00	14.75	16.85	13.10	0.88	1.40	7.25	0.00	0.00	0.00	0.00	
9	0.00	0.00	11.75	9.95	19.20	0.88	1.10	5.15	0.00	0.00	0.00	0.00	
10	0.00	0.00	18.20	10.55	10.25	0.87	1.90	4.70	0.00	0.00	0.00	0.00	
11	0.00	0.00	12.50	4.80	6.20	4.10	0.98	2.80	0.00	0.00	0.00	0.00	
12	0.00	0.00	4.30	3.00	33.00	1.00	0.96	2.20	0.00	0.00	0.00	0.00	
13	0.00	0.00	6.50	2.30	27.00	0.94	0.96	2.70	0.00	0.00	0.00	0.00	
14	0.00	0.00	3.50	2.30	43.00	61.12	0.96	1.60	0.00	0.00	0.00	0.00	
15	0.00	0.00	2.40	1.70	17.80	22.80	0.97	1.60	0.00	0.00	0.00	0.00	
16	0.00	0.00	2.50	3.90	13.25	11.75	1.50	1.30	0.00	0.00	0.00	0.00	
17	0.00	0.00	3.90	2.00	17.40	8.15	2.40	1.70	0.00	0.00	0.00	0.00	
18	0.00	0.00	3.90	1.60	16.55	6.65	1.60	1.80	0.00	0.00	0.00	0.00	
19	0.00	0.00	2.10	1.40	8.45	19.20	0.99	1.70	0.00	0.00	0.00	0.00	
20	0.00	0.00	1.50	1.40	5.30	32.50	1.30	1.80	0.00	0.00	0.00	0.00	
21	0.00	0.00	1.30	1.20	4.00	12.20	1.10	1.50	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.98	11.45	3.30	8.45	0.96	1.20	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.93	7.85	2.50	6.65	22.60	0.98	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.96	5.75	2.20	5.15	9.05	0.97	0.00	0.00	0.00	0.00	
25	0.00	0.00	1.40	4.50	1.80	4.70	7.25	0.96	0.00	0.00	0.00	0.00	
26	0.00	0.00	2.50	5.45	1.40	4.30	5.15	0.96	0.00	0.00	0.00	0.00	
27	0.00	0.00	1.40	5.45	1.40	7.55	3.40	0.95	0.00	0.00	0.00	0.00	
28	0.00	0.00	1.00	13.55	1.10	6.95	3.60	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	12.50	6.95	1.00	4.90	2.70	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	6.35	19.80	1.00	4.30	2.10	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00		16.25	1.00		1.70		0.00	0.00		0.00	
Total	0.03	0.00	118.02	192.64	316.35	244.67	96.13	67.14	0.00	0.00	0.00	0.00	1034.98 CMSDAY
Mean	0.00	0.00	3.93	6.21	10.20	8.16	3.10	2.24	0.00	0.00	0.00	0.00	2.84 CMS
Max	0.03	0.00	18.20	19.80	43.00	61.12	22.60	11.15	0.00	0.00	0.00	0.00	61.12 CMS
Min	0.00	0.00	0.00	0.99	1.00	0.87	0.96	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	10.20	16.64	27.33	21.14	8.31	5.80	0.00	0.00	0.00	0.00	89.42 MCM
Momentary Peak	141.20	CMS.	at 182.96 m. (MSL.)	at 15.00 Hours	on Sep 14, 2005								
Runoff Yield	32.97	Liters/Second/Square KM.			Momentary Peak Yield	1641.860	Liters/Second/Square KM.						

WATER YEAR : 2005

TONLE SAP BASIN

Khlong Thung Krang at Ban Thung Krang , Chanthaburi (TI.6)

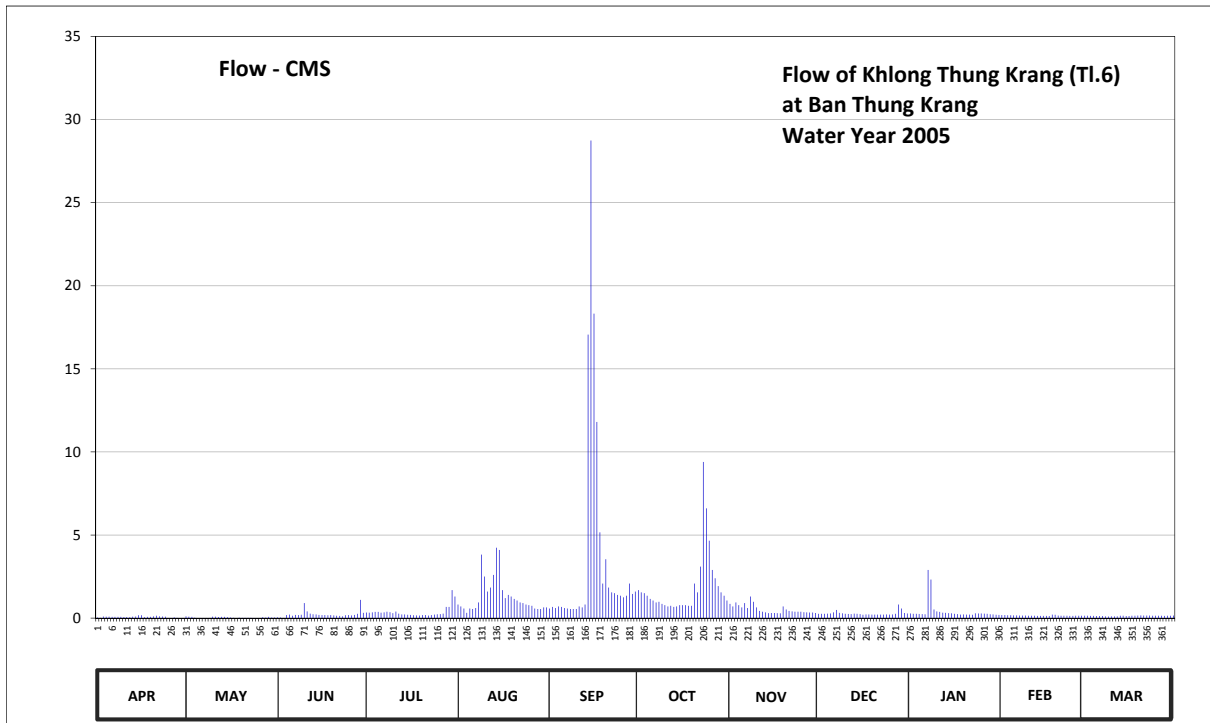
Lat 13 - 01 - 36 N Long 102 - 16 - 21 E

Location : on right bank at the bridge of Chanthaburi - Sa Kaeo Highway.

	Ban Thung Krang	Amphoe Pong Nam Ron	Changwat Chanthaburi
Drainage Area	42 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+183.100 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 20 meters from the top staff gage.	Elevation	+187.655 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. Stage-discharge relation defined by 26 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	183.44	183.51	183.45	183.74	183.93	183.86	184.11	183.94	183.66	183.68	183.58	183.54	
2	183.42	183.49	183.44	183.73	183.90	183.89	184.09	183.90	183.66	183.66	183.58	183.54	
3	183.50	183.48	183.41	183.75	183.86	183.87	184.08	183.96	183.66	183.66	183.57	183.53	
4	183.49	183.43	183.58	183.77	183.72	183.90	184.05	183.92	183.67	183.65	183.57	183.53	
5	183.49	183.40	183.61	183.77	183.86	183.89	184.01	183.88	183.68	183.64	183.56	183.52	
6	183.48	183.41	183.54	183.73	183.85	183.87	183.99	183.95	183.75	183.63	183.56	183.52	
7	183.48	183.41	183.59	183.75	183.87	183.86	183.96	183.87	183.83	184.25	183.55	183.52	
8	183.48	183.41	183.58	183.78	183.96	183.85	183.97	184.04	183.72	184.19	183.55	183.51	
9	183.48	183.41	183.60	183.76	184.33	183.85	183.94	183.97	183.69	183.84	183.55	183.50	
10	183.47	183.49	183.95	183.70	184.21	183.85	183.92	183.88	183.66	183.80	183.54	183.51	
11	183.47	183.49	183.80	183.79	184.10	183.90	183.90	183.81	183.65	183.77	183.54	183.51	
12	183.46	183.47	183.67	183.67	184.13	183.88	183.91	183.78	183.64	183.73	183.54	183.51	
13	183.49	183.48	183.63	183.62	184.22	183.93	183.89	183.75	183.67	183.72	183.53	183.54	
14	183.50	183.48	183.62	183.62	184.36	184.83	183.90	183.70	183.66	183.70	183.53	183.54	
15	183.57	183.46	183.59	183.60	184.35	185.03	183.92	183.71	183.64	183.69	183.53	183.52	
16	183.57	183.44	183.58	183.59	184.11	184.86	183.92	183.71	183.60	183.66	183.53	183.52	
17	183.46	183.42	183.58	183.57	184.02	184.70	183.92	183.70	183.62	183.64	183.52	183.54	
18	183.48	183.40	183.57	183.56	184.06	184.42	183.91	183.69	183.62	183.61	183.61	183.54	
19	183.48	183.43	183.58	183.55	184.04	184.16	183.91	183.90	183.61	183.62	183.60	183.55	
20	183.51	183.42	183.56	183.58	184.01	184.31	184.16	183.84	183.61	183.61	183.55	183.56	
21	183.54	183.42	183.54	183.58	183.99	184.13	184.09	183.81	183.61	183.61	183.54	183.55	
22	183.51	183.42	183.53	183.55	183.96	184.09	184.27	183.80	183.61	183.60	183.54	183.55	
23	183.50	183.42	183.51	183.58	183.95	184.08	184.62	183.78	183.61	183.69	183.54	183.55	
24	183.49	183.41	183.57	183.61	183.93	184.06	184.50	183.78	183.62	183.68	183.53	183.54	
25	183.41	183.41	183.58	183.63	183.92	184.05	184.39	183.78	183.61	183.68	183.53	183.54	
26	183.41	183.41	183.56	183.64	183.91	184.03	184.25	183.76	183.62	183.67	183.54	183.54	
27	183.45	183.46	183.59	183.67	183.86	184.05	184.20	183.75	183.66	183.66	183.54	183.54	
28	183.42	183.44	183.66	183.89	183.85	184.16	184.14	183.74	183.93	183.63	183.54	183.53	
29	183.40	183.48	184.00	183.89	183.85	184.07	184.09	183.74	183.86	183.62	183.54	183.54	
30	183.41	183.44	183.72	184.11	183.88	184.10	184.05	183.71	183.71	183.60	183.54	183.54	
31		183.44		184.04	183.88		183.99		183.68	183.59	183.55	183.55	
Mean	183.48	183.44	183.61	183.70	184.00	184.12	184.07	183.82	183.67	183.70	183.55	183.53	
Max	183.57	183.51	184.00	184.11	184.36	185.03	184.62	184.04	183.93	184.25	183.61	183.56	185.03
Min	183.40	183.40	183.41	183.55	183.72	183.85	183.89	183.69	183.60	183.59	183.52	183.50	183.40
Annual Max Momentary Gage Height	185.20		m. (MSL.) ,				at 06.00 Hours ,	on Sep 15 , 2005					
Zero Gage at Bottom Elevation	183.10		m. (MSL.) ,			River Bed	183.34	m. (MSL.)					
Left Bank Elevation		187.42		m. (MSL.) ,									
Right Bank Elevation		187.41		m. (MSL.) ,		Drainage Are	42	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.11	0.05	0.34	0.82	0.58	1.68	0.86	0.26	0.28	0.18	0.14	
2	0.02	0.09	0.04	0.33	0.70	0.67	1.55	0.70	0.26	0.26	0.18	0.14	
3	0.10	0.08	0.01	0.35	0.58	0.61	1.50	0.94	0.26	0.26	0.17	0.13	
4	0.09	0.03	0.18	0.37	0.32	0.70	1.35	0.78	0.27	0.25	0.17	0.13	
5	0.09	0.00	0.21	0.37	0.58	0.67	1.15	0.64	0.28	0.24	0.16	0.12	
6	0.08	0.01	0.14	0.33	0.55	0.61	1.06	0.90	0.35	0.23	0.16	0.12	
7	0.08	0.01	0.19	0.35	0.61	0.58	0.94	0.61	0.49	2.90	0.15	0.12	
8	0.08	0.01	0.18	0.38	0.94	0.55	0.98	1.30	0.32	2.32	0.15	0.11	
9	0.08	0.01	0.20	0.36	3.82	0.55	0.86	0.98	0.29	0.52	0.15	0.10	
10	0.07	0.09	0.90	0.30	2.50	0.55	0.78	0.64	0.26	0.40	0.14	0.11	
11	0.07	0.09	0.40	0.39	1.60	0.70	0.70	0.43	0.25	0.37	0.14	0.11	
12	0.06	0.07	0.27	0.27	1.84	0.64	0.74	0.38	0.24	0.33	0.14	0.11	
13	0.09	0.08	0.23	0.22	2.60	0.82	0.67	0.35	0.27	0.32	0.13	0.14	
14	0.10	0.08	0.22	0.22	4.24	17.06	0.70	0.30	0.26	0.30	0.13	0.14	
15	0.17	0.06	0.19	0.20	4.10	28.74	0.78	0.31	0.24	0.29	0.13	0.12	
16	0.17	0.04	0.18	0.19	1.68	18.32	0.78	0.31	0.20	0.26	0.13	0.12	
17	0.06	0.02	0.18	0.17	1.20	11.80	0.78	0.30	0.22	0.24	0.12	0.14	
18	0.08	0.00	0.17	0.16	1.40	5.16	0.74	0.29	0.22	0.21	0.21	0.14	
19	0.08	0.03	0.18	0.15	1.30	2.08	0.74	0.70	0.21	0.22	0.20	0.15	
20	0.11	0.02	0.16	0.18	1.15	3.54	2.08	0.52	0.21	0.21	0.15	0.16	
21	0.14	0.02	0.14	0.18	1.06	1.84	1.55	0.43	0.21	0.21	0.14	0.15	
22	0.11	0.02	0.13	0.15	0.94	1.55	3.10	0.40	0.21	0.20	0.14	0.15	
23	0.10	0.02	0.11	0.18	0.90	1.50	9.40	0.38	0.21	0.29	0.14	0.15	
24	0.09	0.01	0.17	0.21	0.82	1.40	6.60	0.38	0.22	0.28	0.13	0.14	
25	0.01	0.01	0.18	0.23	0.78	1.35	4.66	0.38	0.21	0.28	0.13	0.14	
26	0.01	0.01	0.16	0.24	0.74	1.25	2.90	0.36	0.22	0.27	0.14	0.14	
27	0.05	0.06	0.19	0.27	0.58	1.35	2.40	0.35	0.26	0.26	0.14	0.14	
28	0.02	0.04	0.26	0.67	0.55	2.08	1.92	0.34	0.82	0.23	0.14	0.13	
29	0.00	0.08	1.10	0.67	0.55	1.45	1.55	0.34	0.58	0.22	0.10	0.14	
30	0.01	0.04	0.32	1.68	0.64	1.60	1.35	0.31	0.31	0.20	0.10	0.14	
31		0.04		1.30	0.64		1.06		0.28	0.19		0.15	
Total	2.26	1.28	7.04	11.41	40.73	110.30	57.05	15.91	8.89	13.04	4.19	4.12	276.22 CMSDAY
Mean	0.08	0.04	0.23	0.37	1.31	3.68	1.84	0.53	0.29	0.42	0.15	0.13	0.76 CMS
Max	0.17	0.11	1.10	1.68	4.24	28.74	9.40	1.30	0.82	2.90	0.21	0.16	28.74 CMS
Min	0.00	0.00	0.01	0.15	0.32	0.55	0.67	0.29	0.20	0.19	0.12	0.10	0.00 CMS
Runoff	0.20	0.11	0.61	0.99	3.52	9.53	4.93	1.38	0.77	1.13	0.36	0.36	23.87 MCM
Momentary Peak	44.00	CMS.	at 185.20 m. (MSL.)	at 06.00 Hours	, on Sep 15, 2005								
Runoff Yield	18.02	Liters/Second/Square KM.		Momentary Peak Yield	1047.619	Liters/Second/Square KM.							

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlong Yai at Ban Si Bua Thong , Trat (Z.10)

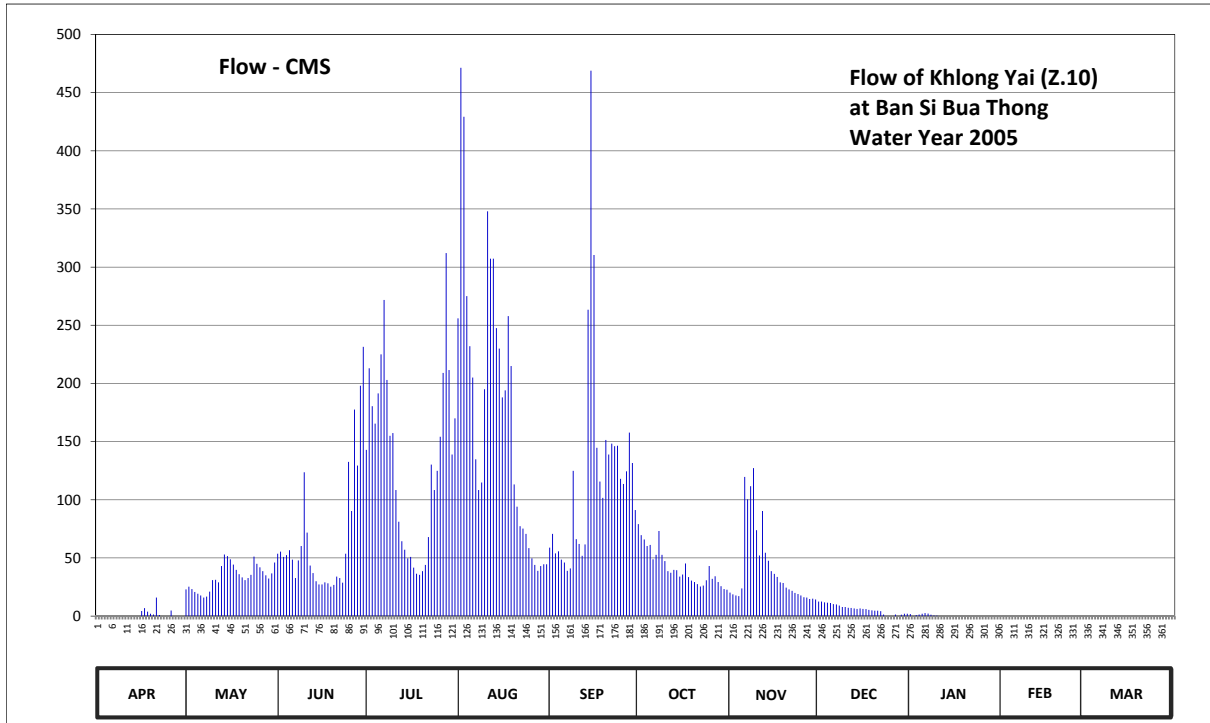
Lat 12 - 28 - 24 N Long 102 - 28 - 49 E

Location : on left bank at Ban Si Bua Thong

	Ban Si Bua Thong	Amphoe Khao Saming	Changwat Trat
Drainage Area	779 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+1.901 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near automatic gage building.	Elevation	+13.181 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1970 to date		
Rating Operation			
Period of Rating	1973 - 1978 , 1999 to date		
Rated by Flot	-		
Rated by Current Meter	1973 - 1978 , 1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records good. Stage-discharge relation defined by 78 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.37	4.60	5.72	8.02	10.30	5.88	6.46	4.49	4.18	3.69	5.34	6.08	
2	1.49	4.69	5.78	9.46	12.61	6.22	6.19	4.43	4.18	3.60	5.67	6.07	
3	1.37	4.61	5.63	8.81	12.26	5.73	6.08	4.39	4.15	3.65	5.93	6.13	
4	1.35	4.51	5.68	8.51	10.60	5.79	5.92	4.37	4.14	3.67	5.95	6.12	
5	1.34	4.45	5.82	9.03	9.84	5.55	5.95	4.63	4.13	3.70	5.93	6.10	
6	1.42	4.39	5.55	9.70	9.30	5.47	5.56	7.49	4.09	3.73	5.92	6.07	
7	1.42	4.32	4.99	10.55	7.84	5.23	5.69	7.01	4.08	3.71	5.91	6.06	
8	1.47	4.35	5.53	9.26	7.21	5.30	6.29	7.29	4.04	3.66	5.90	6.02	
9	1.54	4.52	5.92	8.29	7.37	7.62	5.69	7.67	3.99	3.63	5.90	6.00	
10	1.62	4.92	7.59	8.34	9.10	6.09	5.51	6.31	3.99	3.62	5.90	6.05	
11	1.71	4.93	6.25	7.21	11.51	5.97	5.22	5.67	3.96	3.58	5.90	6.05	
12	1.84	4.84	5.38	6.52	11.04	5.66	5.17	6.76	3.95	3.54	5.90	6.05	
13	1.88	5.37	5.16	6.04	11.04	5.96	5.26	5.75	3.93	3.54	5.96	6.08	
14	2.26	5.70	4.88	5.83	10.15	10.42	5.25	5.52	3.91	3.54	5.98	6.06	
15	2.61	5.65	4.77	5.59	9.80	12.59	5.04	5.22	3.93	3.55	5.99	6.05	
16	3.82	5.56	4.77	5.63	8.96	11.08	5.11	5.13	3.91	3.53	6.04	6.03	
17	3.94	5.41	4.84	5.32	9.08	8.06	5.44	5.03	3.90	3.52	6.10	6.02	
18	3.79	5.26	4.81	5.14	10.33	7.39	5.02	4.84	3.87	3.51	6.20	5.98	
19	3.70	5.12	4.69	5.10	9.50	7.04	4.90	4.82	3.85	3.49	6.39	5.97	
20	3.67	5.01	4.75	5.22	7.33	8.21	4.85	4.66	3.83	3.47	6.34	6.01	
21	4.32	4.92	5.04	5.40	6.85	7.93	4.78	4.60	3.83	3.46	6.20	5.98	
22	3.65	4.99	4.99	6.14	6.41	8.14	4.70	4.55	3.81	3.44	6.17	6.01	
23	3.50	5.10	4.83	7.74	6.35	8.09	4.73	4.48	3.67	3.43	6.12	6.03	
24	3.46	5.64	5.72	7.21	6.22	8.10	4.91	4.44	3.58	3.47	6.10	6.02	
25	3.49	5.43	7.79	7.62	5.87	7.45	5.37	4.39	3.58	3.48	6.08	6.06	
26	3.84	5.33	6.76	8.27	5.59	7.34	4.96	4.33	3.59	3.46	6.08	6.05	
27	3.17	5.22	8.75	9.38	5.40	7.61	5.05	4.32	3.67	3.45	6.10	6.03	
28	2.83	5.08	7.72	11.10	5.23	8.35	4.85	4.27	3.45	3.56	6.17	6.01	
29	2.63	4.97	9.16	9.43	5.37	7.77	4.71	4.28	3.66	4.40		6.01	
30	2.58	5.15	9.83	7.93	5.42	6.78	4.61	4.25	3.70	4.86		6.22	
31		5.47		8.60	5.42		4.59		3.70	5.33		6.18	
Mean	2.57	5.02	5.97	7.63	8.36	7.29	5.29	5.18	3.88	3.69	6.01	6.05	
Max	4.32	5.70	9.83	11.10	12.61	12.59	6.46	7.67	4.18	5.33	6.39	6.22	12.61
Min	1.34	4.32	4.69	5.10	5.23	5.23	4.59	4.25	3.45	3.43	5.34	5.97	1.34
Annual Max Momentary Gage Height	12.74		m. (MSL.) ,				at 18.00 Hours, on Aug 2, 2005						
Zero Gage at Bottom Elevation	1.90		m. (MSL.) ,			River Bed	2.27		m. (MSL.)				
Left Bank Elevation		13.51		m. (MSL.) ,									
Right Bank Elevation		13.40		m. (MSL.) ,		Drainage Are	779		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	23.00	53.60	142.90	256.00	58.80	79.10	20.25	12.50	1.80	0.00	0.00	
2	0.00	25.25	55.40	213.00	471.30	70.70	69.65	18.75	12.50	0.00	0.00	0.00	
3	0.00	23.25	50.90	180.50	429.20	53.90	65.80	17.75	11.75	1.00	0.00	0.00	
4	0.00	20.75	52.40	165.50	275.00	55.70	60.20	17.25	11.50	1.40	0.00	0.00	
5	0.00	19.25	56.70	191.50	232.00	48.50	61.25	23.75	11.25	2.00	0.00	0.00	
6	0.00	17.75	48.50	225.00	205.00	46.10	48.80	119.60	10.25	2.60	0.00	0.00	
7	0.00	16.00	32.75	271.75	134.80	38.90	52.70	100.40	10.00	2.20	0.00	0.00	
8	0.00	16.75	47.90	203.00	108.40	41.00	73.15	111.60	9.00	1.20	0.00	0.00	
9	0.00	21.00	60.20	155.05	114.80	124.90	52.70	127.15	7.80	0.60	0.00	0.00	
10	0.00	31.00	123.60	157.30	195.00	66.15	47.30	73.85	7.80	0.40	0.00	0.00	
11	0.00	31.25	71.75	108.40	347.90	61.95	38.60	52.10	7.20	0.00	0.00	0.00	
12	0.00	29.00	43.40	81.20	307.20	51.80	37.25	90.40	7.00	0.00	0.00	0.00	
13	0.00	43.10	37.00	64.40	307.20	61.60	39.80	54.50	6.60	0.00	0.00	0.00	
14	0.00	53.00	30.00	57.05	247.50	263.30	39.50	47.60	6.20	0.00	0.00	0.00	
15	0.00	51.50	27.25	49.70	230.00	468.80	34.00	38.60	6.60	0.00	0.00	0.00	
16	4.40	48.80	27.25	50.90	188.00	310.40	35.75	36.25	6.20	0.00	0.00	0.00	
17	6.80	44.30	29.00	41.60	194.00	144.70	45.20	33.75	6.00	0.00	0.00	0.00	
18	3.80	39.80	28.25	36.50	257.80	115.60	33.50	29.00	5.40	0.00	0.00	0.00	
19	2.00	36.00	25.25	35.50	215.00	101.60	30.50	28.50	5.00	0.00	0.00	0.00	
20	1.40	33.25	26.75	38.60	113.20	151.45	29.25	24.50	4.60	0.00	0.00	0.00	
21	16.00	31.00	34.00	44.00	94.00	138.85	27.50	23.00	4.60	0.00	0.00	0.00	
22	1.00	32.75	32.75	67.90	77.35	148.30	25.50	21.75	4.20	0.00	0.00	0.00	
23	0.00	35.50	28.75	130.30	75.25	146.05	26.25	20.00	1.40	0.00	0.00	0.00	
24	0.00	51.20	53.60	108.40	70.70	146.50	30.75	19.00	0.00	0.00	0.00	0.00	
25	0.00	44.90	132.55	124.90	58.45	118.00	43.10	17.75	0.00	0.00	0.00	0.00	
26	4.80	41.90	90.40	154.15	49.70	113.60	32.00	16.25	0.00	0.00	0.00	0.00	
27	0.00	38.60	177.50	209.00	44.00	124.45	34.25	16.00	1.40	0.00	0.00	0.00	
28	0.00	35.00	129.40	312.00	38.90	157.75	29.25	14.75	0.00	0.00	0.00	0.00	
29	0.00	32.25	198.00	211.50	43.10	131.65	25.75	15.00	1.20	0.00	0.00	0.00	
30	0.00	36.75	231.50	138.85	44.60	91.20	23.25	14.25	2.00	0.00	0.00	0.00	
31	0.00	46.10	170.00	170.00	44.60		22.75		2.00	0.00	0.00	0.00	
Total	40.20	1049.95	2036.30	4140.35	5469.95	3652.20	1294.35	1243.30	181.95	13.20	0.00	0.00	19121.75 CMSDAY
Mean	1.34	33.87	67.88	133.56	176.45	121.74	41.75	41.44	5.87	0.43	0.00	0.00	52.39 CMS
Max	16.00	53.00	231.50	312.00	471.30	468.80	79.10	127.15	12.50	2.60	0.00	0.00	471.30 CMS
Min	0.00	16.00	25.25	35.50	38.90	38.90	22.75	14.25	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	3.47	90.72	175.94	357.73	472.60	315.55	111.83	107.42	15.72	1.14	0.00	0.00	1652.12 MCM
Momentary Peak		488.20	CMS, at 12.74 m. (MSL),		at 18.00 Hours, on Aug 2, 2005								
Runoff Yield		67.25	Liters/Second/Square KM.		Momentary Peak Yield	626.701	Liters/Second/Square KM.						

WATER YEAR : 2005**EAST COAST - GULF BASIN****Khlong Prasae at Ban Khao Chik , Rayong (Z.11)**

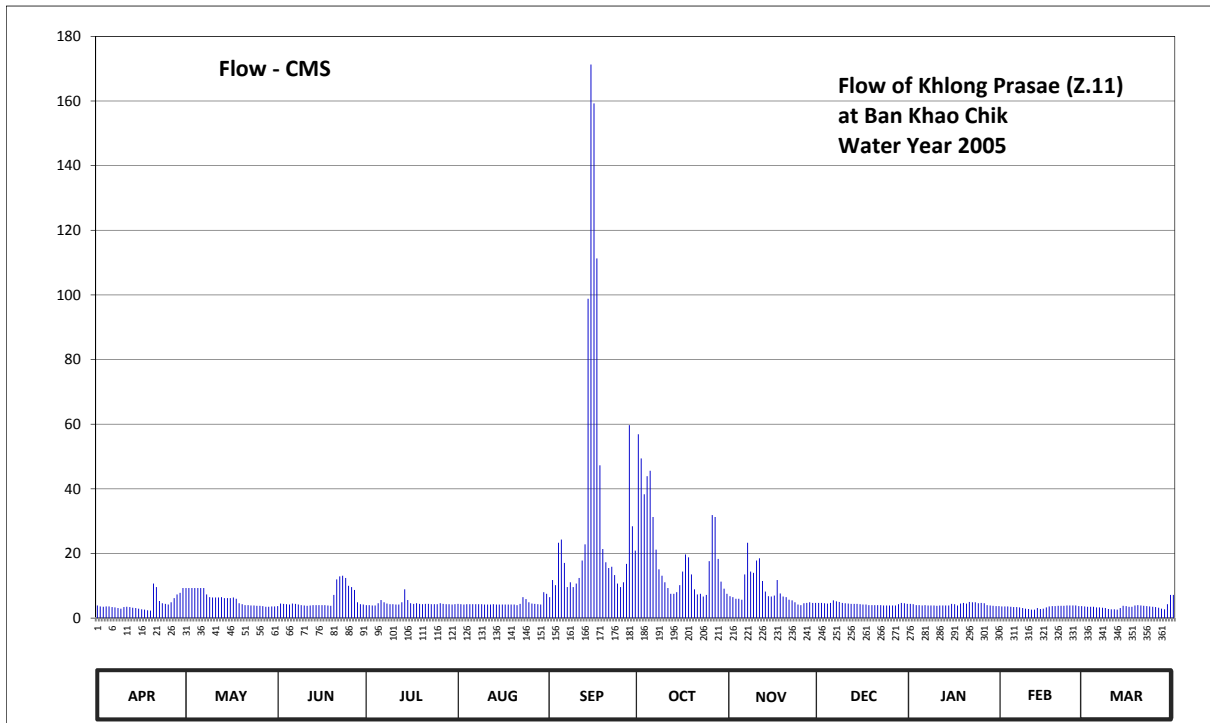
Lat 12 - 51 - 20 N Long 101 - 37 - 09 E

Location : on left bank near the Meteorological Station.

	Ban Khao Chik	Amphoe Klaeng	Changwat Rayong
Drainage Area	1,236 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+2.630 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the Meteorological Station.	Elevation	+13.420 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1965 - 1974 , 1989 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. Flow effectedn by the concrete weir about 7 kilometers downstream and 5 kilometers above gage site. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.63	4.97	4.61	4.64	4.67	4.82	6.64	4.84	4.70	4.67	4.60	4.60	
2	4.60	4.97	4.68	4.64	4.66	5.08	6.42	4.82	4.70	4.66	4.60	4.59	
3	4.59	4.97	4.67	4.63	4.65	5.01	6.09	4.79	4.69	4.64	4.60	4.59	
4	4.60	4.97	4.66	4.63	4.66	5.58	6.26	4.79	4.68	4.64	4.59	4.59	
5	4.60	4.97	4.65	4.69	4.66	5.62	6.31	4.77	4.70	4.63	4.58	4.57	
6	4.58	4.97	4.68	4.76	4.66	5.32	5.87	5.16	4.75	4.64	4.58	4.57	
7	4.57	4.97	4.67	4.71	4.66	4.98	5.49	5.58	4.73	4.63	4.57	4.56	
8	4.55	4.87	4.65	4.68	4.66	5.05	5.23	5.20	4.72	4.63	4.55	4.55	
9	4.54	4.82	4.64	4.66	4.66	4.98	5.14	5.18	4.70	4.63	4.54	4.53	
10	4.58	4.81	4.63	4.66	4.65	5.03	5.05	5.35	4.69	4.62	4.53	4.52	
11	4.59	4.81	4.62	4.65	4.65	5.11	4.97	5.38	4.68	4.63	4.51	4.52	
12	4.58	4.81	4.63	4.65	4.65	5.35	4.88	5.07	4.67	4.63	4.51	4.51	
13	4.56	4.82	4.64	4.71	4.66	5.56	4.88	4.92	4.67	4.63	4.55	4.55	
14	4.55	4.80	4.64	4.95	4.65	7.69	4.91	4.84	4.67	4.63	4.53	4.62	
15	4.54	4.80	4.64	4.76	4.65	9.00	5.01	4.83	4.66	4.67	4.54	4.61	
16	4.52	4.80	4.64	4.69	4.65	8.80	5.20	4.85	4.65	4.66	4.57	4.59	
17	4.51	4.81	4.64	4.67	4.65	7.95	5.43	5.08	4.65	4.63	4.60	4.59	
18	4.49	4.79	4.63	4.69	4.65	6.36	5.39	4.89	4.64	4.68	4.61	4.63	
19	4.48	4.69	4.62	4.67	4.65	5.50	5.16	4.83	4.64	4.70	4.61	4.64	
20	5.03	4.66	4.86	4.66	4.65	5.33	4.95	4.82	4.64	4.68	4.62	4.63	
21	4.98	4.64	5.09	4.67	4.64	5.25	4.87	4.77	4.64	4.72	4.62	4.62	
22	4.74	4.64	5.13	4.67	4.67	5.27	4.88	4.75	4.64	4.71	4.62	4.61	
23	4.69	4.63	5.14	4.66	4.82	5.15	4.83	4.71	4.63	4.71	4.63	4.60	
24	4.67	4.63	5.11	4.66	4.78	5.03	4.86	4.65	4.63	4.69	4.63	4.59	
25	4.65	4.62	5.00	4.66	4.71	4.98	5.34	4.64	4.63	4.70	4.63	4.58	
26	4.71	4.62	4.98	4.69	4.68	5.05	5.89	4.69	4.63	4.69	4.63	4.56	
27	4.80	4.61	4.94	4.67	4.67	5.31	5.87	4.70	4.63	4.64	4.61	4.54	
28	4.87	4.59	4.71	4.66	4.66	6.72	5.37	4.71	4.66	4.63	4.61	4.52	
29	4.90	4.59	4.66	4.66	4.65	5.77	5.06	4.70	4.70	4.62		4.66	
30	4.97	4.60	4.65	4.65	4.91	5.48	4.96	4.70	4.69	4.61		4.86	
31		4.60		4.66	4.88		4.88		4.67	4.61		4.86	
Mean	4.66	4.77	4.75	4.68	4.68	5.74	5.36	4.90	4.67	4.65	4.58	4.60	
Max	5.03	4.97	5.14	4.95	4.91	9.00	6.64	5.58	4.75	4.72	4.63	4.86	9.00
Min	4.48	4.59	4.61	4.63	4.64	4.82	4.83	4.64	4.63	4.61	4.51	4.51	4.48
Annual Max Momentary Gage Height	9.04		m. (MSL.) ,			at 01.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	2.63		m. (MSL.) ,			River Bed	3.52	m. (MSL.)					
Left Bank Elevation	9.99		m. (MSL.) ,										
Right Bank Elevation	9.94		m. (MSL.) ,			Drainage Are	1,236	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.90	9.30	3.70	4.00	4.40	6.50	56.90	6.80	4.70	4.40	3.60	3.60	
2	3.60	9.30	4.50	4.00	4.30	11.80	49.40	6.50	4.70	4.30	3.60	3.50	
3	3.50	9.30	4.40	3.90	4.20	10.20	38.30	6.00	4.60	4.00	3.60	3.50	
4	3.60	9.30	4.30	3.90	4.30	23.30	43.90	6.00	4.50	4.00	3.50	3.50	
5	3.60	9.30	4.20	4.60	4.30	24.30	45.60	5.70	4.70	3.90	3.40	3.30	
6	3.40	9.30	4.50	5.60	4.30	17.10	31.30	13.50	5.50	4.00	3.40	3.30	
7	3.30	9.30	4.40	4.90	4.30	9.60	21.20	23.30	5.20	3.90	3.30	3.20	
8	3.10	7.30	4.20	4.50	4.30	11.10	15.10	14.40	5.00	3.90	3.10	3.10	
9	2.90	6.50	4.00	4.30	4.30	9.60	13.10	14.00	4.70	3.90	2.90	2.80	
10	3.40	6.40	3.90	4.30	4.20	10.70	11.10	17.80	4.60	3.80	2.80	2.70	
11	3.50	6.40	3.80	4.20	4.20	12.40	9.30	18.50	4.50	3.90	2.60	2.70	
12	3.40	6.40	3.90	4.20	4.20	17.80	7.50	11.50	4.40	3.90	2.60	2.60	
13	3.20	6.50	4.00	4.90	4.30	22.80	7.50	8.20	4.40	3.90	3.10	3.10	
14	3.10	6.20	4.00	8.90	4.20	98.80	8.00	6.80	4.40	3.90	2.80	3.80	
15	2.90	6.20	4.00	5.60	4.20	171.30	10.20	6.70	4.30	4.40	2.90	3.70	
16	2.70	6.20	4.00	4.60	4.20	159.30	14.40	7.00	4.20	4.30	3.30	3.50	
17	2.60	6.40	4.00	4.40	4.20	111.30	19.70	11.80	4.20	3.90	3.60	3.50	
18	2.40	6.00	3.90	4.60	4.20	47.30	18.80	7.60	4.00	4.50	3.70	3.90	
19	2.30	4.60	3.80	4.40	4.20	21.40	13.50	6.70	4.00	4.70	3.70	4.00	
20	10.70	4.30	7.20	4.30	4.20	17.30	8.90	6.50	4.00	4.50	3.80	3.90	
21	9.60	4.00	12.00	4.40	4.00	15.50	7.30	5.70	4.00	5.00	3.80	3.80	
22	5.30	4.00	12.90	4.40	4.40	15.90	7.50	5.50	4.00	4.90	3.80	3.70	
23	4.60	3.90	13.10	4.30	6.50	13.30	6.70	4.90	3.90	4.90	3.90	3.60	
24	4.40	3.90	12.40	4.30	5.90	10.70	7.20	4.20	3.90	4.60	3.90	3.50	
25	4.20	3.80	10.00	4.30	4.90	9.60	17.60	4.00	3.90	4.70	3.90	3.40	
26	4.90	3.80	9.60	4.60	4.50	11.10	31.90	4.60	3.90	4.60	3.90	3.20	
27	6.20	3.70	8.70	4.40	4.40	16.80	31.30	4.70	3.90	4.00	3.70	2.90	
28	7.30	3.50	4.90	4.30	4.30	59.70	18.30	4.90	4.30	3.90	3.70	2.70	
29	7.80	3.50	4.30	4.30	4.20	28.40	11.30	4.70	4.70	3.80		4.30	
30	9.30	3.60	4.20	4.20	8.00	20.90	9.10	4.70	4.60	3.70		7.20	
31		3.60		4.30	7.50		7.50		4.40	3.70		7.20	
Total	134.70	185.80	176.80	141.90	143.60	1015.80	599.40	253.20	136.10	129.80	95.90	112.70	3125.70 CMSDAY
Mean	4.50	6.00	5.90	4.60	4.60	33.90	19.30	8.40	4.40	4.20	3.40	3.60	8.60 CMS
Max	10.70	9.30	13.10	8.90	8.00	171.30	56.90	23.30	5.50	5.00	3.90	7.20	171.30 CMS
Min	2.30	3.50	3.70	3.90	4.00	6.50	6.70	4.00	3.90	3.70	2.60	2.30	2.30 CMS
Runoff	11.64	16.05	15.28	12.26	12.41	87.77	51.79	21.88	11.76	11.21	8.29	9.74	270.06 MCM
Momentary Peak	173.74	CMS, at 9.04 m. (MSL.), at 01.00 Hours, on Sep 15, 2005											
Runoff Yield	6.93	Liters/Second/Square KM. Momentary Peak Yield 140.566 Liters/Second/Square KM.											

WATER YEAR : 2005

EAST COAST - GULF BASIN

Chanthaburi River at Ban Puk , Chanthaburi (Z.13)

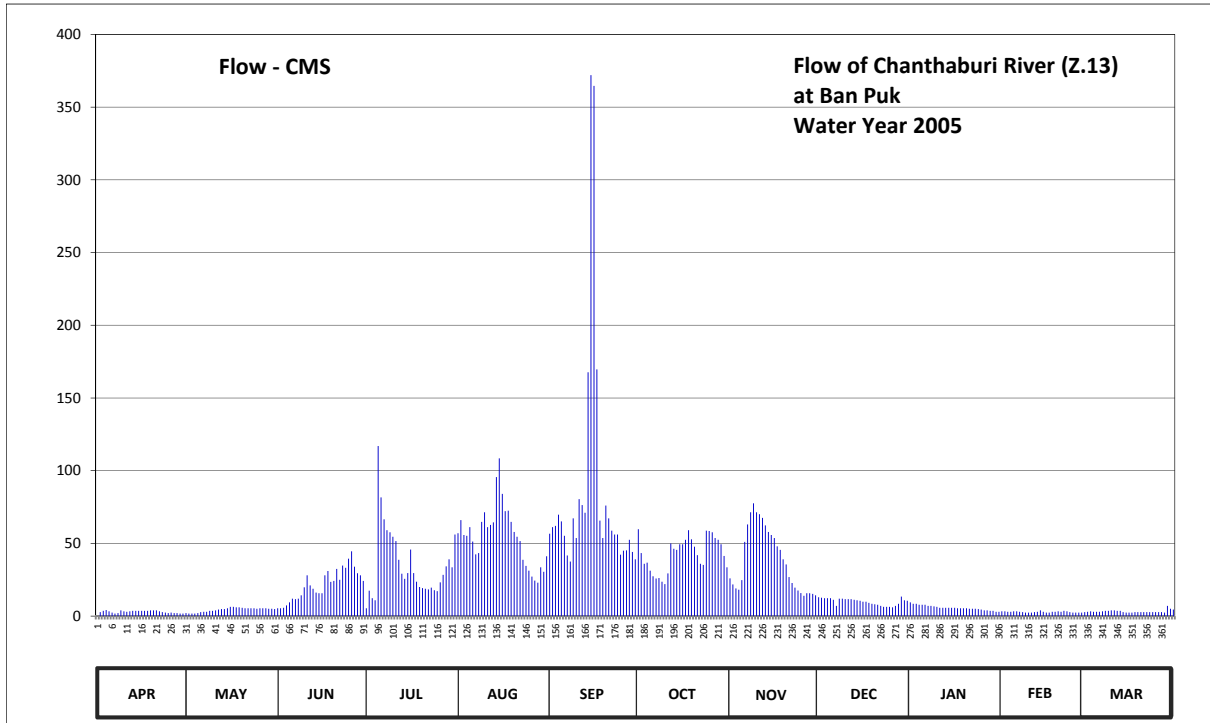
Lat 12 - 45 - 38 N Long 102 - 08 - 33 E

Location : on left bank at Ban Puk

	Ban Puk	Amphoe Makham	Changwat Chanthaburi
Drainage Area	647 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+6.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.		Elevation +14.374 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1968 to date		
Rating Operation			
Period of Rating	1969 to date		
Rated by Flot	-		
Rated by Current Meter	1969 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	Overbank flow starts at elevation +12.870 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 37 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.39	8.47	8.58	8.58	8.80	8.79	8.89	7.60	8.80	8.70	8.51	8.49	
2	8.49	8.46	8.58	8.90	9.10	8.94	8.32	7.39	8.79	8.67	8.51	8.50	
3	8.52	8.46	8.59	8.78	8.76	8.97	8.04	7.25	8.78	8.67	8.50	8.51	
4	8.54	8.46	8.64	8.74	8.74	9.22	8.07	7.21	8.78	8.65	8.50	8.50	
5	8.51	8.47	8.70	10.32	8.94	9.07	7.85	7.54	8.78	8.65	8.51	8.50	
6	8.48	8.49	8.77	9.54	8.61	8.74	7.67	8.60	8.75	8.65	8.51	8.50	
7	8.46	8.50	8.76	9.12	8.29	8.26	7.59	9.00	8.63	8.63	8.50	8.51	
8	8.47	8.50	8.77	8.87	8.32	8.10	7.61	9.27	8.77	8.63	8.49	8.52	
9	8.53	8.52	8.83	8.82	9.06	9.14	7.48	9.44	8.77	8.62	8.48	8.52	
10	8.51	8.52	8.95	8.72	9.27	8.69	7.40	9.27	8.76	8.61	8.48	8.53	
11	8.50	8.53	9.08	8.62	8.94	9.51	7.77	9.23	8.76	8.59	8.48	8.53	
12	8.51	8.55	8.98	8.15	8.99	9.41	8.56	9.15	8.76	8.59	8.49	8.52	
13	8.52	8.56	8.93	7.76	9.05	9.26	8.43	8.98	8.75	8.59	8.50	8.52	
14	8.52	8.56	8.87	7.58	9.88	11.21	8.40	8.83	8.74	8.59	8.53	8.49	
15	8.52	8.58	8.86	7.78	10.15	13.60	8.54	8.76	8.73	8.59	8.50	8.48	
16	8.52	8.61	8.86	8.41	9.60	13.53	8.54	8.69	8.71	8.59	8.48	8.48	
17	8.52	8.61	9.08	7.78	9.29	11.24	8.65	8.49	8.71	8.58	8.48	8.48	
18	8.52	8.60	9.12	7.48	9.30	9.09	8.87	8.40	8.69	8.58	8.50	8.49	
19	8.53	8.60	9.02	7.30	9.06	8.69	8.66	8.16	8.67	8.58	8.50	8.49	
20	8.53	8.59	9.03	7.26	8.83	9.40	8.48	8.02	8.66	8.58	8.51	8.49	
21	8.53	8.58	9.14	7.24	8.72	9.14	8.27	7.64	8.65	8.57	8.50	8.49	
22	8.51	8.58	9.04	7.22	8.62	8.86	8.04	7.44	8.63	8.57	8.52	8.49	
23	8.49	8.58	9.17	7.28	8.15	8.77	8.01	7.28	8.61	8.57	8.51	8.49	
24	8.48	8.58	9.15	7.19	7.98	8.77	8.86	7.18	8.61	8.56	8.49	8.49	
25	8.47	8.57	9.22	7.16	7.85	8.28	8.85	7.09	8.61	8.55	8.48	8.49	
26	8.48	8.58	9.26	7.46	7.66	8.38	8.82	7.00	8.60	8.53	8.48	8.49	
27	8.47	8.58	9.16	7.72	7.52	8.39	8.69	8.86	8.63	8.53	8.48	8.49	
28	8.47	8.58	9.10	7.97	7.45	8.65	8.65	8.86	8.67	8.52	8.48	8.48	
29	8.46	8.57	9.08	8.16	7.94	8.35	8.54	8.85	8.81	8.52		8.63	
30	8.46	8.57	9.03	7.94	7.82	8.16	8.25	8.83	8.74	8.50		8.57	
31		8.56		8.77	8.24		7.94		8.73	8.50		8.55	
Mean	8.50	8.55	8.95	8.15	8.68	9.29	8.28	8.28	8.71	8.59	8.50	8.51	
Max	8.54	8.61	9.26	10.32	10.15	13.60	8.89	9.44	8.81	8.70	8.53	8.63	13.60
Min	8.39	8.46	8.58	7.16	7.45	8.10	7.40	7.00	8.60	8.50	8.48	8.48	7.00
Annual Max Momentary Gage Height	13.87		m. (MSL.) ,				at 18.00 Hours, on Sep 15, 2005						
Zero Gage at Bottom Elevation	6.30		m. (MSL.) ,			River Bed	5.07		m. (MSL.)				
Left Bank Elevation		13.38		m. (MSL.) ,									
Right Bank Elevation		12.86		m. (MSL.) ,		Drainage Are	647		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	2.10	5.40	5.40	57.00	56.70	59.70	26.00	13.00	9.50	3.30	2.70		
2	2.70	1.80	5.40	17.50	66.00	61.20	43.30	21.80	12.65	8.45	3.30	3.00		
3	3.60	1.80	5.70	12.30	55.80	62.10	36.00	19.00	12.30	8.45	3.00	3.30		
4	4.20	1.80	7.40	10.90	55.20	69.70	36.75	18.20	12.30	7.75	3.00	3.00		
5	3.30	2.10	9.50	117.00	61.20	65.10	31.25	24.80	12.30	7.75	3.30	3.00		
6	2.40	2.70	11.95	81.60	51.30	55.20	27.40	51.00	11.25	7.75	3.30	3.00		
7	1.80	3.00	11.60	66.60	42.48	41.65	25.80	63.00	7.05	7.05	3.00	3.30		
8	2.10	3.00	11.95	59.10	43.30	37.50	26.20	71.45	11.95	7.05	2.70	3.60		
9	3.90	3.60	14.35	57.60	64.80	67.20	23.60	77.60	11.95	6.70	2.40	3.60		
10	3.30	3.60	19.75	54.60	71.45	53.70	22.00	71.45	11.60	6.35	2.40	3.90		
11	3.00	3.90	28.00	51.60	61.20	80.40	29.40	70.05	11.60	5.70	2.40	3.90		
12	3.30	4.50	21.10	38.75	62.70	76.40	49.90	67.50	11.60	5.70	2.70	3.60		
13	3.60	4.80	18.85	29.20	64.50	71.10	46.33	62.40	11.25	5.70	3.00	3.60		
14	3.60	4.80	16.15	25.60	95.60	167.65	45.50	57.90	10.90	5.70	3.90	2.70		
15	3.60	5.40	15.70	29.60	108.50	372.00	49.35	55.80	10.55	5.70	3.00	2.40		
16	3.60	6.35	15.70	45.77	84.00	364.65	49.35	53.70	9.85	5.70	2.40	2.40		
17	3.60	6.35	28.00	29.60	72.15	169.60	52.50	47.97	9.85	5.40	2.40	2.40		
18	3.60	6.00	31.00	23.60	72.50	65.70	59.10	45.50	9.15	5.40	3.00	2.70		
19	3.90	6.00	23.50	20.00	64.80	53.70	52.80	39.00	8.45	5.40	3.00	2.70		
20	3.90	5.70	24.25	19.20	57.90	76.00	47.70	35.50	8.10	5.40	3.30	2.70		
21	3.90	5.40	32.50	18.80	54.60	67.20	41.93	26.80	7.75	5.10	3.00	2.70		
22	3.30	5.40	25.00	18.40	51.60	58.80	36.00	22.80	7.05	5.10	3.60	2.70		
23	2.70	5.40	34.75	19.60	38.75	56.10	35.25	19.60	6.35	5.10	3.30	2.70		
24	2.40	5.40	33.25	17.80	34.50	56.10	58.80	17.60	6.35	4.80	2.70	2.70		
25	2.10	5.10	39.50	17.20	31.25	42.20	58.50	15.80	6.35	4.50	2.40	2.70		
26	2.40	5.40	44.50	23.20	27.20	44.95	57.60	14.00	6.00	3.90	2.40	2.70		
27	2.10	5.40	34.00	28.40	24.40	45.23	53.70	15.70	7.05	3.90	2.40	2.70		
28	2.10	5.40	29.50	34.25	23.00	52.50	52.50	15.70	8.45	3.60	2.40	2.40		
29	1.80	5.10	28.00	39.00	33.50	44.13	49.35	15.25	13.45	3.60		7.05		
30	1.80	5.10	24.25	33.50	30.50	39.00	41.38	14.35	10.90	3.00		5.10		
31		4.80		56.10	41.10		33.50		10.55	3.00		4.50		
Total	87.60	137.20	650.50	1101.77	1702.78	2573.46	1332.44	1157.22	307.90	178.20	81.00	99.45	9409.52	CMSDAY
Mean	2.92	4.43	21.68	35.54	54.93	85.78	42.98	38.57	9.93	5.75	2.89	3.21	25.78	CMS
Max	4.20	6.35	44.50	117.00	108.50	372.00	59.70	77.60	13.45	9.50	3.90	7.05	372.00	CMS
Min	0.00	1.80	5.40	5.40	23.00	37.50	22.00	14.00	6.00	3.00	2.40	2.40	0.00	CMS
Runoff	7.57	11.85	56.20	95.19	147.12	222.35	115.12	99.98	26.60	15.40	7.00	8.59	812.98	MCM
Momentary Peak	401.70	CMS, at 13.87 m. (MSL), at 18.00 Hours, on Sep 15, 2005												
Runoff Yield	39.84	Liters/Second/Square KM.			Momentary Peak Yield	620.866	Liters/Second/Square KM.							

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlong Phayat at Ban Chaman , Chanthaburi (Z.14)

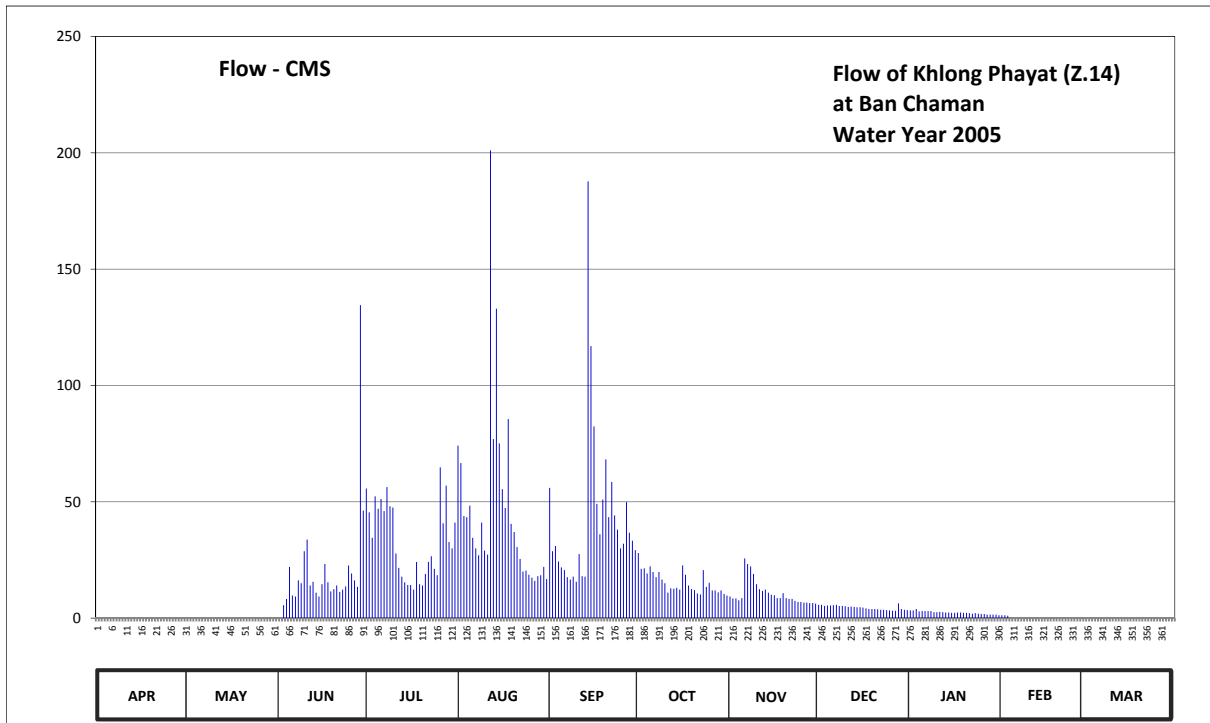
Lat 12 - 44 - 34 N Long 102 - 12 - 35 E

Location : on left bank at the bridge of Khlong Prayat near Wat Chaman.

	Ban Chaman	Amphoe Makham	Changwat Chanthaburi
Drainage Area	229 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+5.400 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 30 meters from the top staff gage.	Elevation	+13.690 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1968 to date		
Rating Operation			
Period of Rating	1986 to date		
Rated by Flot	-		
Rated by Current Meter	1986 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +13.350 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 37 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.38	6.65	6.82	8.99	9.58	9.00	7.92	7.00	6.78	6.62	6.48	6.46	
2	6.24	6.65	6.81	8.61	9.34	7.95	7.61	6.95	6.78	6.62	6.48	6.51	
3	6.57	6.64	6.77	8.18	8.55	8.04	7.62	6.95	6.75	6.66	6.47	6.52	
4	6.75	6.57	6.94	8.87	8.53	7.76	7.51	6.90	6.76	6.59	6.45	6.51	
5	6.73	6.48	7.65	8.67	8.72	7.64	7.66	6.96	6.76	6.60	6.45	6.51	
6	6.73	6.40	7.02	8.83	8.18	7.58	7.54	7.82	6.77	6.60	6.45	6.47	
7	6.69	6.22	7.00	8.63	8.00	7.43	7.43	7.71	6.78	6.60	6.46	6.46	
8	6.70	6.09	7.36	9.01	7.88	7.38	7.54	7.66	6.75	6.60	6.46	6.46	
9	6.75	6.50	7.30	8.71	8.44	7.44	7.38	7.50	6.75	6.57	6.46	6.48	
10	6.71	6.75	7.95	8.69	7.96	7.33	7.30	7.28	6.74	6.57	6.44	6.49	
11	6.72	6.75	8.15	7.91	7.89	7.90	7.09	7.17	6.72	6.58	6.43	6.49	
12	6.65	6.87	7.25	7.63	12.20	7.45	7.19	7.13	6.73	6.57	6.43	6.49	
13	6.59	6.75	7.33	7.44	9.67	7.44	7.18	7.16	6.72	6.56	6.47	6.48	
14	6.56	6.84	7.09	7.32	11.06	12.01	7.20	7.09	6.71	6.56	6.45	6.47	
15	6.73	6.80	7.00	7.26	9.61	10.72	7.16	7.04	6.71	6.55	6.44	6.47	
16	6.73	6.77	7.28	7.26	8.98	9.84	7.68	7.03	6.70	6.55	6.54	6.47	
17	6.75	6.76	7.71	7.16	8.68	8.75	7.48	6.96	6.68	6.56	6.49	6.49	
18	6.74	6.76	7.32	7.75	9.93	8.24	7.25	6.96	6.66	6.56	6.51	6.47	
19	6.73	6.76	7.12	7.28	8.42	8.82	7.17	7.08	6.66	6.55	6.62	6.49	
20	6.75	6.76	7.17	7.25	8.28	9.39	7.15	6.96	6.66	6.55	6.56	6.51	
21	6.74	6.75	7.25	7.50	8.02	8.53	7.07	6.94	6.65	6.54	6.54	6.50	
22	6.76	6.72	7.11	7.75	7.81	9.08	7.05	6.94	6.64	6.53	6.54	6.60	
23	6.75	6.76	7.16	7.86	7.55	8.56	7.58	6.89	6.64	6.54	6.54	6.48	
24	6.68	6.75	7.23	7.61	7.57	8.32	7.22	6.86	6.63	6.53	6.52	6.80	
25	6.68	6.75	7.68	7.47	7.48	8.00	7.31	6.86	6.62	6.52	6.49	6.56	
26	6.71	6.75	7.51	9.28	7.42	8.08	7.14	6.84	6.61	6.52	6.48	6.45	
27	6.68	6.75	7.36	8.43	7.35	8.78	7.14	6.84	6.61	6.50	6.48	6.42	
28	6.68	6.75	7.22	9.03	7.45	8.27	7.10	6.83	6.82	6.50	6.48	6.38	
29	6.63	6.74	11.09	8.11	7.47	8.13	7.14	6.83	6.66	6.50		6.97	
30	6.62	6.75	8.64	8.00	7.65	7.97	7.06	6.81	6.64	6.50		6.65	
31		6.82		8.44	7.39		7.02		6.63	6.48		6.53	
Mean	6.67	6.68	7.44	8.09	8.49	8.39	7.32	7.07	6.70	6.56	6.49	6.52	
Max	6.76	6.87	11.09	9.28	12.20	12.01	7.92	7.82	6.82	6.66	6.62	6.97	12.20
Min	6.24	6.09	6.77	7.16	7.35	7.33	7.02	6.81	6.61	6.48	6.43	6.38	6.09
Annual Max Momentary Gage Height	13.70		m. (MSL.) ,				at 18.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation		5.40	m. (MSL.) ,			River Bed	5.71	m. (MSL.)					
Left Bank Elevation		13.36	m. (MSL.) ,										
Right Bank Elevation		13.35	m. (MSL.) ,			Drainage Are	229	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	55.72	74.12	56.00	28.00	9.30	5.70	3.30	1.20	0.00	
2	0.00	0.00	0.00	45.46	66.62	28.75	21.20	8.45	5.70	3.30	1.20	0.00	
3	0.00	0.00	5.55	34.50	43.90	31.00	21.40	8.45	5.25	3.90	1.05	0.00	
4	0.00	0.00	8.28	52.36	43.38	24.32	19.20	7.60	5.40	2.85	0.00	0.00	
5	0.00	0.00	22.00	47.02	48.32	21.80	22.20	8.62	5.40	3.00	0.00	0.00	
6	0.00	0.00	9.66	51.24	34.50	20.60	19.80	25.66	5.55	3.00	0.00	0.00	
7	0.00	0.00	9.30	45.98	30.00	17.60	17.60	23.22	5.70	3.00	0.00	0.00	
8	0.00	0.00	16.20	56.31	27.04	16.60	19.80	22.20	5.25	3.00	0.00	0.00	
9	0.00	0.00	15.00	48.06	41.04	17.80	16.60	19.00	5.25	2.55	0.00	0.00	
10	0.00	0.00	28.75	47.54	29.00	15.60	15.00	14.60	5.10	2.55	0.00	0.00	
11	0.00	0.00	33.75	27.75	27.27	27.50	10.92	12.43	4.80	2.70	0.00	0.00	
12	0.00	0.00	14.00	21.60	201.00	18.00	12.81	11.67	4.95	2.55	0.00	0.00	
13	0.00	0.00	15.60	17.80	76.94	17.80	12.62	12.24	4.80	2.40	0.00	0.00	
14	0.00	0.00	10.92	15.40	133.00	187.70	13.00	10.92	4.65	2.40	0.00	0.00	
15	0.00	0.00	9.30	14.20	75.06	116.90	12.24	10.02	4.65	2.25	0.00	0.00	
16	0.00	0.00	14.60	14.20	55.44	82.40	22.60	9.84	4.50	2.25	0.00	0.00	
17	0.00	0.00	23.22	12.24	47.28	49.10	18.60	8.62	4.20	2.40	0.00	0.00	
18	0.00	0.00	15.40	24.10	85.55	36.00	14.00	8.62	3.90	2.40	0.00	0.00	
19	0.00	0.00	11.48	14.60	40.52	50.96	12.43	10.74	3.90	2.25	0.00	0.00	
20	0.00	0.00	12.43	14.00	37.00	68.19	12.05	8.62	3.90	2.25	0.00	0.00	
21	0.00	0.00	14.00	19.00	30.50	43.38	10.56	8.28	3.75	2.10	0.00	0.00	
22	0.00	0.00	11.29	24.10	25.43	58.50	10.20	8.28	3.60	1.95	0.00	0.00	
23	0.00	0.00	12.24	26.58	20.00	44.16	20.60	7.44	3.60	2.10	0.00	0.00	
24	0.00	0.00	13.60	21.20	20.40	38.00	13.40	6.96	3.45	1.95	0.00	0.00	
25	0.00	0.00	22.60	18.40	18.60	30.00	15.20	6.96	3.30	1.80	0.00	0.00	
26	0.00	0.00	19.20	64.75	17.40	32.00	11.86	6.64	3.15	1.80	0.00	0.00	
27	0.00	0.00	16.20	40.78	16.00	49.88	11.86	6.64	3.15	1.50	0.00	0.00	
28	0.00	0.00	13.40	56.94	18.00	36.75	11.10	6.48	6.32	1.50	0.00	0.00	
29	0.00	0.00	134.50	32.75	18.40	33.25	11.86	6.48	3.90	1.50	0.00	0.00	
30	0.00	0.00	46.24	30.00	22.00	29.25	10.38	6.16	3.60	1.50	0.00	0.00	
31	0.00	0.00		41.04	16.80		9.66		3.45	1.20	0.00	0.00	
Total	0.00	0.00	578.71	1035.62	1440.51	1299.79	478.75	321.14	139.82	73.20	3.45	0.00	5370.99 CMSDAY
Mean	0.00	0.00	19.29	33.41	46.47	43.33	15.44	10.70	4.51	2.36	0.12	0.00	14.72 CMS
Max	0.00	0.00	134.50	64.75	201.00	187.70	28.00	25.66	6.32	3.90	1.20	0.00	201.00 CMS
Min	0.00	0.00	0.00	12.24	16.00	15.60	9.66	6.16	3.15	1.20	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	50.00	89.48	124.46	112.30	41.36	27.75	12.08	6.32	0.30	0.00	464.05 MCM
Momentary Peak	314.50	CMS, at 13.70 m. (MSL), at 18.00 Hours, on Sep 14, 2005											
Runoff Yield	64.26	Liters/Second/Square KM. Momentary Peak Yield 1373.362 Liters/Second/Square KM.											

WATER YEAR : 2005

EAST COAST - GULF BASIN

Klong Hin Dat at Ban Pong Rong Sen , Chanthaburi (Z.21)

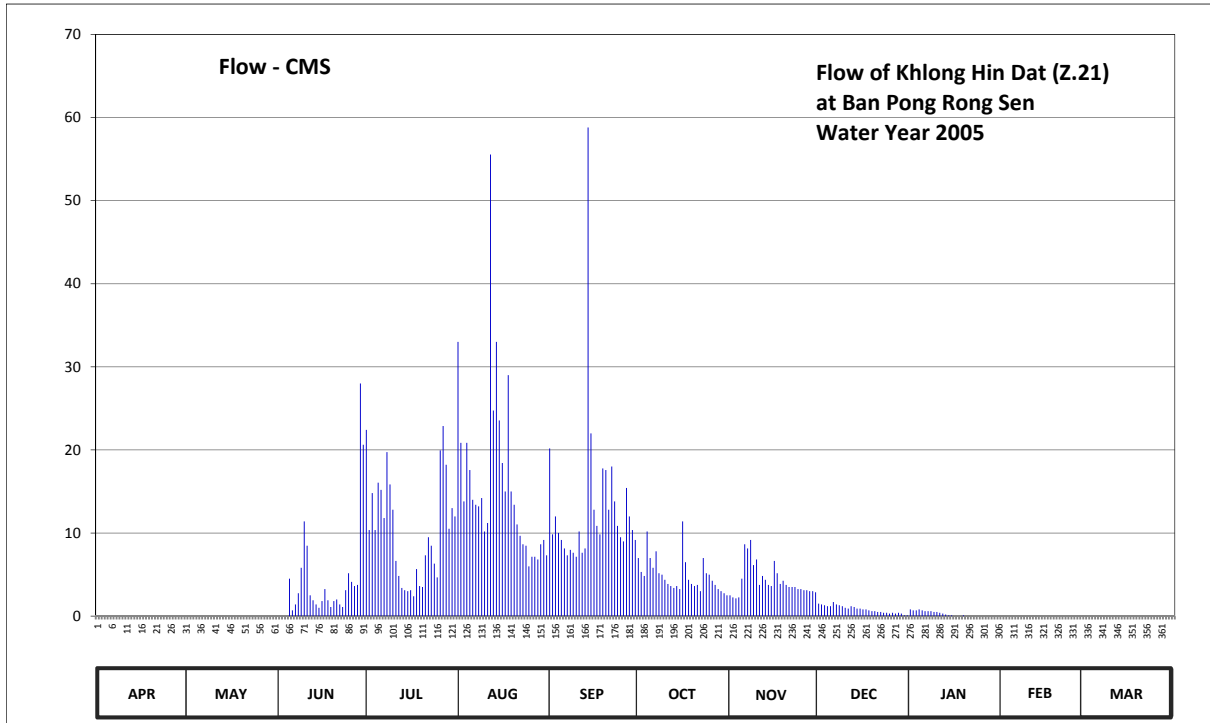
Lat 12 - 47 - 15 N Long 102 - 15 - 33 E

Location : on left bank at the bridge on highway.

	Ban Pong Rong Sen	Amphoe Makham	Changwat Chanthaburi
Drainage Area	78 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+21.200 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 40 meters from the top staff gage.	Elevation	+27.713 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1983 to date		
Rating Operation			
Period of Rating	1984 to date		
Rated by Flot	-		
Rated by Current Meter	1984 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 43 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.58	21.55	21.71	23.13	23.56	23.03	22.35	22.04	21.95	21.88	21.75	21.92	
2	21.68	21.57	21.71	22.55	23.06	22.52	22.25	22.02	21.94	21.87	21.76	21.96	
3	21.73	21.52	21.69	22.78	22.73	22.64	22.22	22.01	21.93	21.87	21.84	21.98	
4	21.72	21.54	21.73	22.55	23.06	22.53	22.54	22.02	21.92	21.88	21.84	21.98	
5	21.72	21.52	22.20	22.84	22.91	22.48	22.35	22.20	21.92	21.87	21.79	21.97	
6	21.69	21.51	21.87	22.80	22.74	22.42	22.28	22.45	21.97	21.86	21.82	21.97	
7	21.65	21.52	21.94	22.63	22.71	22.37	22.40	22.42	21.94	21.86	21.82	21.97	
8	21.68	21.58	22.06	23.01	22.70	22.41	22.24	22.48	21.93	21.86	21.82	21.97	
9	21.91	21.65	22.28	22.83	22.75	22.39	22.23	22.30	21.92	21.85	21.82	21.97	
10	21.62	21.69	22.61	22.68	22.54	22.36	22.19	22.34	21.90	21.85	21.82	21.97	
11	21.59	21.71	22.44	22.33	22.60	22.54	22.15	22.14	21.89	21.84	21.78	21.99	
12	21.67	21.68	22.04	22.22	24.34	22.39	22.13	22.22	21.92	21.83	21.82	21.97	
13	21.66	21.68	21.99	22.11	23.23	22.42	22.11	22.19	21.91	21.82	21.81	21.97	
14	21.68	21.69	21.94	22.09	23.56	24.44	22.13	22.14	21.89	21.81	21.82	21.97	
15	21.67	21.66	21.90	22.08	23.18	23.11	22.10	22.13	21.89	21.81	21.79	21.97	
16	21.69	21.67	21.98	22.09	22.95	22.68	22.61	22.33	21.88	21.80	21.98	21.98	
17	21.70	21.67	22.10	22.03	22.79	22.58	22.32	22.24	21.88	21.80	21.88	21.98	
18	21.69	21.67	21.99	22.27	23.40	22.52	22.19	22.15	21.87	21.80	21.89	21.99	
19	21.70	21.65	21.91	22.13	22.79	22.92	22.15	22.18	21.86	21.81	21.95	21.99	
20	21.74	21.67	21.98	22.12	22.71	22.91	22.13	22.14	21.86	21.79	21.89	22.00	
21	21.74	21.67	22.00	22.37	22.59	22.68	22.14	22.12	21.85	21.80	21.81	22.13	
22	21.71	21.65	21.94	22.50	22.51	22.93	22.08	22.12	21.85	21.80	21.82	22.11	
23	21.71	21.65	21.91	22.44	22.45	22.73	22.35	22.12	21.84	21.80	21.80	22.03	
24	21.69	21.65	22.09	22.31	22.44	22.58	22.24	22.10	21.84	21.79	21.79	22.00	
25	21.65	21.64	22.24	22.21	22.29	22.50	22.23	22.10	21.83	21.79	21.78	22.04	
26	21.70	21.64	22.17	23.02	22.36	22.47	22.18	22.09	21.84	21.79	21.79	22.01	
27	21.68	21.64	22.13	23.15	22.36	22.81	22.14	22.09	21.83	21.77	21.76	21.99	
28	21.69	21.65	22.14	22.94	22.34	22.64	22.10	22.08	21.84	21.76	21.77	22.01	
29	21.69	21.65	23.36	22.56	22.45	22.55	22.08	22.08	21.83	21.78		22.27	
30	21.68	21.67	23.05	22.69	22.48	22.48	22.06	22.07	21.81	21.76		22.14	
31		21.68		22.64	22.37		22.04		21.81	21.75		22.07	
Mean	21.69	21.63	22.10	22.52	22.80	22.67	22.22	22.17	21.88	21.82	21.82	22.01	
Max	21.91	21.71	23.36	23.15	24.34	24.44	22.61	22.48	21.97	21.88	21.98	22.27	24.44
Min	21.58	21.51	21.69	22.03	22.29	22.36	22.04	22.01	21.81	21.75	21.75	21.92	21.51
Annual Max Momentary Gage Height	27.02		m. (MSL.) ,				at 13.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation	21.20		m. (MSL.) ,			River Bed	20.92	m. (MSL.)					
Left Bank Elevation		28.74		m. (MSL.) ,									
Right Bank Elevation		28.71		m. (MSL.) ,		Drainage Area	78	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	22.42	33.00	20.18	6.98	2.50	1.50	0.80	0.00	0.00	
2	0.00	0.00	0.00	10.35	20.85	9.84	5.32	2.25	1.40	0.70	0.00	0.00	
3	0.00	0.00	0.00	14.80	13.80	12.00	4.83	2.13	1.30	0.70	0.00	0.00	
4	0.00	0.00	0.00	10.35	20.85	10.01	10.18	2.25	1.20	0.80	0.00	0.00	
5	0.00	0.00	4.50	16.06	17.57	9.16	6.98	4.50	1.20	0.70	0.00	0.00	
6	0.00	0.00	0.70	15.20	14.00	8.14	5.82	8.65	1.70	0.60	0.00	0.00	
7	0.00	0.00	1.40	11.80	13.40	7.31	7.80	8.14	1.40	0.60	0.00	0.00	
8	0.00	0.00	2.75	19.73	13.20	7.97	5.16	9.16	1.30	0.60	0.00	0.00	
9	0.00	0.00	5.82	15.85	14.20	7.63	4.99	6.15	1.20	0.50	0.00	0.00	
10	0.00	0.00	11.40	12.80	10.18	7.14	4.37	6.81	1.00	0.50	0.00	0.00	
11	0.00	0.00	8.48	6.64	11.20	10.18	3.87	3.75	0.90	0.40	0.00	0.00	
12	0.00	0.00	2.50	4.83	55.55	7.63	3.62	4.83	1.20	0.30	0.00	0.00	
13	0.00	0.00	1.90	3.38	24.75	8.14	3.38	4.37	1.10	0.20	0.00	0.00	
14	0.00	0.00	1.40	3.12	33.00	58.80	3.62	3.75	0.90	0.10	0.00	0.00	
15	0.00	0.00	1.00	3.00	23.55	21.98	3.25	3.62	0.90	0.10	0.00	0.00	
16	0.00	0.00	1.80	3.12	18.43	12.80	11.40	6.64	0.80	0.00	0.00	0.00	
17	0.00	0.00	3.25	2.38	15.00	10.86	6.48	5.16	0.80	0.00	0.00	0.00	
18	0.00	0.00	1.90	5.66	29.00	9.84	4.37	3.87	0.70	0.00	0.00	0.00	
19	0.00	0.00	1.10	3.62	15.00	17.78	3.87	4.25	0.60	0.10	0.00	0.00	
20	0.00	0.00	1.80	3.50	13.40	17.57	3.62	3.75	0.60	0.00	0.00	0.00	
21	0.00	0.00	2.00	7.31	11.03	12.80	3.75	3.50	0.50	0.00	0.00	0.00	
22	0.00	0.00	1.40	9.50	9.67	18.00	3.00	3.50	0.50	0.00	0.00	0.00	
23	0.00	0.00	1.10	8.48	8.65	13.80	6.98	3.50	0.40	0.00	0.00	0.00	
24	0.00	0.00	3.12	6.31	8.48	10.86	5.16	3.25	0.40	0.00	0.00	0.00	
25	0.00	0.00	5.16	4.66	5.99	9.50	4.99	3.25	0.30	0.00	0.00	0.00	
26	0.00	0.00	4.12	19.95	7.14	8.99	4.25	3.12	0.40	0.00	0.00	0.00	
27	0.00	0.00	3.62	22.87	7.14	15.42	3.75	3.12	0.30	0.00	0.00	0.00	
28	0.00	0.00	3.75	18.21	6.81	12.00	3.25	3.00	0.40	0.00	0.00	0.00	
29	0.00	0.00	28.00	10.52	8.65	10.35	3.00	3.00	0.30	0.00	0.00	0.00	
30	0.00	0.00	20.62	13.00	9.16	9.16	2.75	2.87	0.10	0.00	0.00	0.00	
31	0.00	0.00		12.00	7.31		2.50		0.10	0.00	0.00	0.00	
Total	0.00	0.00	124.59	321.42	499.96	395.84	153.29	128.64	25.40	7.70	0.00	0.00	1656.84 CMSDAY
Mean	0.00	0.00	4.15	10.37	16.13	13.19	4.94	4.29	0.82	0.25	0.00	0.00	4.54 CMS
Max	0.00	0.00	28.00	22.87	55.55	58.80	11.40	9.16	1.70	0.80	0.00	0.00	58.80 CMS
Min	0.00	0.00	0.00	2.38	5.99	7.14	2.50	2.13	0.10	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	10.77	27.77	43.20	34.20	13.24	11.11	2.20	0.67	0.00	0.00	143.15 MCM
Momentary Peak	167.55	CMS, at 27.02 m. (MSL), at 13.00 Hours, on Sep 14, 2005											
Runoff Yield	58.20	Liters/Second/Square KM. Momentary Peak Yield 2148.077 Liters/Second/Square KM.											

WATER YEAR : 2005

EAST COAST - GULF BASIN

Upper Khlong Tanot at Ban Khun Song , Chanthaburi (Z.28)

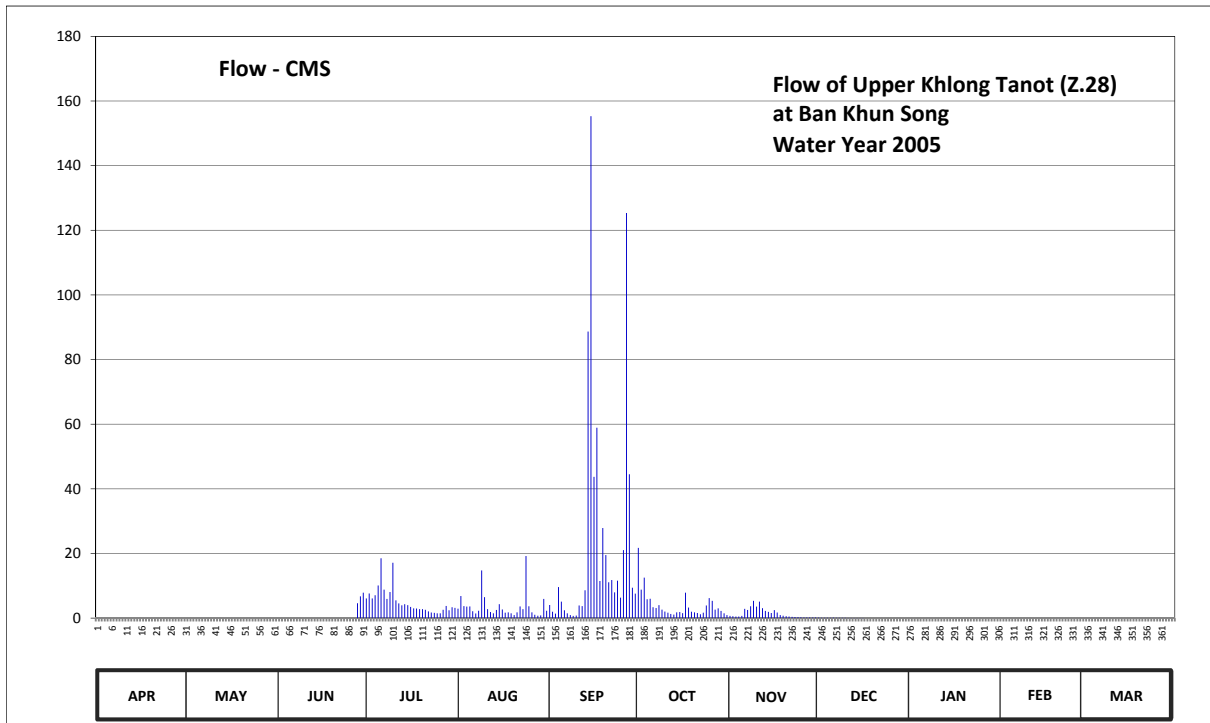
Lat 13 - 04 - 31 N Long 101 - 56 - 55 E

Location : on right bank near Wat Khun Song.

	Ban Khun Song	Amphoe Kaeng Hang Maeo	Changwat Chanthaburi
Drainage Area	280 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+32.600 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 10 meters from the top staff gage.	Elevation	+40.318 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1986 to date		
Rating Operation			
Period of Rating	1986 to date		
Rated by Flot	-		
Rated by Current Meter	1986 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +39.210 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 39 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.69	32.73	32.95	34.43	33.98	34.18	35.86	33.47	33.28	33.23	33.63	33.70	
2	32.69	32.73	32.95	34.62	34.52	33.80	34.75	33.43	33.26	33.22	33.63	33.69	
3	32.69	32.72	32.97	34.43	34.12	33.64	35.12	33.40	33.26	33.21	33.62	33.66	
4	32.69	32.72	33.01	34.55	34.09	34.83	34.40	33.39	33.25	33.21	33.62	33.65	
5	32.69	32.72	33.03	34.88	34.10	34.31	34.42	33.47	33.26	33.21	33.62	33.64	
6	32.69	32.72	33.05	35.63	33.83	33.88	34.06	33.97	33.27	33.20	33.60	33.64	
7	32.68	32.70	33.05	34.75	33.66	33.67	34.02	33.90	33.26	33.20	33.60	33.62	
8	32.67	32.69	33.04	34.41	33.85	33.53	34.17	34.11	33.26	33.20	33.58	33.61	
9	32.65	32.72	33.04	34.67	35.33	33.47	33.92	34.34	33.25	33.20	33.58	33.60	
10	32.62	32.71	33.04	35.53	34.48	33.50	33.81	34.09	33.24	33.20	33.58	33.60	
11	32.60	32.88	33.06	34.36	33.95	34.15	33.72	34.31	33.23	33.20	33.58	33.60	
12	32.48	32.88	33.06	34.24	33.77	34.12	33.62	34.01	33.23	33.20	33.58	33.60	
13	32.48	32.89	33.07	34.16	33.67	34.73	33.57	33.84	33.23	33.42	33.58	33.60	
14	32.48	32.91	33.07	34.21	33.90	38.95	33.74	33.78	33.23	33.62	33.58	33.59	
15	32.48	32.94	33.06	34.17	34.21	40.86	33.77	33.70	33.22	33.62	33.58	33.59	
16	32.48	32.95	33.07	34.08	33.93	37.20	33.68	33.89	33.22	33.61	33.57	33.57	
17	32.48	32.95	33.07	34.00	33.72	37.88	34.65	33.73	33.21	33.60	33.57	33.55	
18	32.48	32.95	33.07	33.99	33.74	35.02	34.04	33.53	33.21	33.60	33.57	33.53	
19	32.48	32.95	33.07	33.95	33.67	36.29	33.79	33.48	33.20	33.60	33.66	33.52	
20	32.48	32.95	33.08	33.95	33.54	35.70	33.75	33.43	33.19	33.60	33.76	33.51	
21	32.48	32.95	33.08	33.91	33.74	34.98	33.69	33.39	33.19	33.60	33.76	33.51	
22	32.48	32.95	33.09	33.82	34.10	35.05	33.59	33.36	33.18	33.61	33.75	33.51	
23	32.48	32.95	34.85	33.73	33.95	34.66	33.72	33.34	33.17	33.65	33.75	33.49	
24	32.48	32.95	34.60	33.71	35.68	35.03	34.15	33.33	33.17	33.64	33.74	33.48	
25	32.48	32.94	34.42	33.67	34.11	34.46	34.44	33.32	33.16	33.63	33.73	33.44	
26	32.48	32.94	34.28	33.67	33.74	35.81	34.34	33.30	33.17	33.62	33.71	33.41	
27	32.48	32.94	34.16	33.91	33.56	40.05	33.92	33.30	33.33	33.63	33.70	33.40	
28	32.48	32.94	34.25	34.13	33.48	37.24	34.00	33.30	33.90	33.64	33.70	33.41	
29	32.48	32.94	34.51	33.88	33.51	34.81	33.84	33.29	33.41	33.63		33.48	
30	32.48	32.94	34.65	34.06	34.41	34.61	33.67	33.29	33.29	33.63		33.47	
31		32.95		34.03	33.85		33.54		33.25	33.63		33.49	
Mean	32.55	32.86	33.42	34.24	34.01	35.35	34.06	33.62	33.26	33.45	33.64	33.55	
Max	32.69	32.95	34.85	35.63	35.68	40.86	35.86	34.34	33.90	33.65	33.76	33.70	40.86
Min	32.48	32.69	32.95	33.67	33.48	33.47	33.54	33.29	33.16	33.20	33.57	33.40	32.48
Annual Max Momentary Gage Height	41.11		m. (MSL.) ,			at 10.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	32.60		m. (MSL.) ,			River Bed	32.38	m. (MSL.)					
Left Bank Elevation	40.99		m. (MSL.) ,										
Right Bank Elevation	39.02		m. (MSL.) ,			Drainage Are	280	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	6.09	2.90	4.08	21.74	0.71	0.16	0.00	0.00	0.00	
2	0.00	0.00	0.00	7.64	6.82	2.00	8.80	0.59	0.12	0.00	0.00	0.00	
3	0.00	0.00	0.00	6.09	3.72	1.36	12.50	0.50	0.12	0.00	0.00	0.00	
4	0.00	0.00	0.00	7.07	3.54	9.60	5.84	0.47	0.10	0.00	0.00	0.00	
5	0.00	0.00	0.00	10.10	3.60	5.10	6.00	0.71	0.12	0.00	0.00	0.00	
6	0.00	0.00	0.00	18.52	2.15	2.40	3.36	2.85	0.14	0.00	0.00	0.00	
7	0.00	0.00	0.00	8.80	1.44	1.48	3.12	2.50	0.12	0.00	0.00	0.00	
8	0.00	0.00	0.00	5.92	2.25	0.92	4.02	3.66	0.12	0.00	0.00	0.00	
9	0.00	0.00	0.00	8.05	14.73	0.71	2.60	5.35	0.10	0.00	0.00	0.00	
10	0.00	0.00	0.00	17.12	6.50	0.80	2.05	3.54	0.08	0.00	0.00	0.00	
11	0.00	0.00	0.00	5.51	2.75	3.90	1.68	5.10	0.06	0.00	0.00	0.00	
12	0.00	0.00	0.00	4.53	1.88	3.72	1.28	3.06	0.06	0.00	0.00	0.00	
13	0.00	0.00	0.00	3.96	1.48	8.60	1.08	2.20	0.06	0.00	0.00	0.00	
14	0.00	0.00	0.00	4.28	2.50	88.65	1.76	1.92	0.06	0.00	0.00	0.00	
15	0.00	0.00	0.00	4.02	4.28	155.32	1.88	1.60	0.04	0.00	0.00	0.00	
16	0.00	0.00	0.00	3.48	2.65	43.70	1.52	2.45	0.04	0.00	0.00	0.00	
17	0.00	0.00	0.00	3.00	1.68	58.90	7.89	1.72	0.02	0.00	0.00	0.00	
18	0.00	0.00	0.00	2.95	1.76	11.50	3.24	0.92	0.02	0.00	0.00	0.00	
19	0.00	0.00	0.00	2.75	1.48	27.85	1.96	0.74	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	2.75	0.96	19.50	1.80	0.59	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	2.55	1.76	11.10	1.56	0.47	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	2.10	3.60	11.80	1.16	0.38	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	1.72	2.75	7.97	1.68	0.32	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	1.64	19.22	11.60	3.90	0.29	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	1.48	3.66	6.33	6.17	0.26	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	1.48	1.76	21.04	5.35	0.20	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	2.55	1.04	125.35	2.60	0.20	0.00	0.00	0.00	0.00	
28	0.00	0.00	4.61	3.78	0.74	44.50	3.00	0.20	0.00	0.00	0.00	0.00	
29	0.00	0.00	6.74	2.40	0.84	9.40	2.20	0.18	0.00	0.00	0.00	0.00	
30	0.00	0.00	7.89	3.36	5.92	7.56	1.48	0.18	0.00	0.00	0.00	0.00	
31	0.00	0.00	3.18	2.25			0.96		0.00	0.00		0.00	
Total	0.00	0.00	19.24	158.87	112.61	706.74	124.18	43.86	1.54	0.00	0.00	0.00	1167.04 CMSDAY
Mean	0.00	0.00	0.64	5.12	3.63	23.56	4.01	1.46	0.05	0.00	0.00	0.00	3.20 CMS
Max	0.00	0.00	7.89	18.52	19.22	155.32	21.74	5.35	0.16	0.00	0.00	0.00	155.32 CMS
Min	0.00	0.00	0.00	1.48	0.74	0.71	0.96	0.18	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	1.66	13.73	9.73	61.06	10.73	3.79	0.13	0.00	0.00	0.00	100.83 MCM
Momentary Peak	164.58	CMS, at 41.11 m. (MSL), at 10.00 Hours, on Sep 15, 2005											
Runoff Yield	11.42	Liters/Second/Square KM.		Momentary Peak Yield		587.786	Liters/Second/Square KM.						

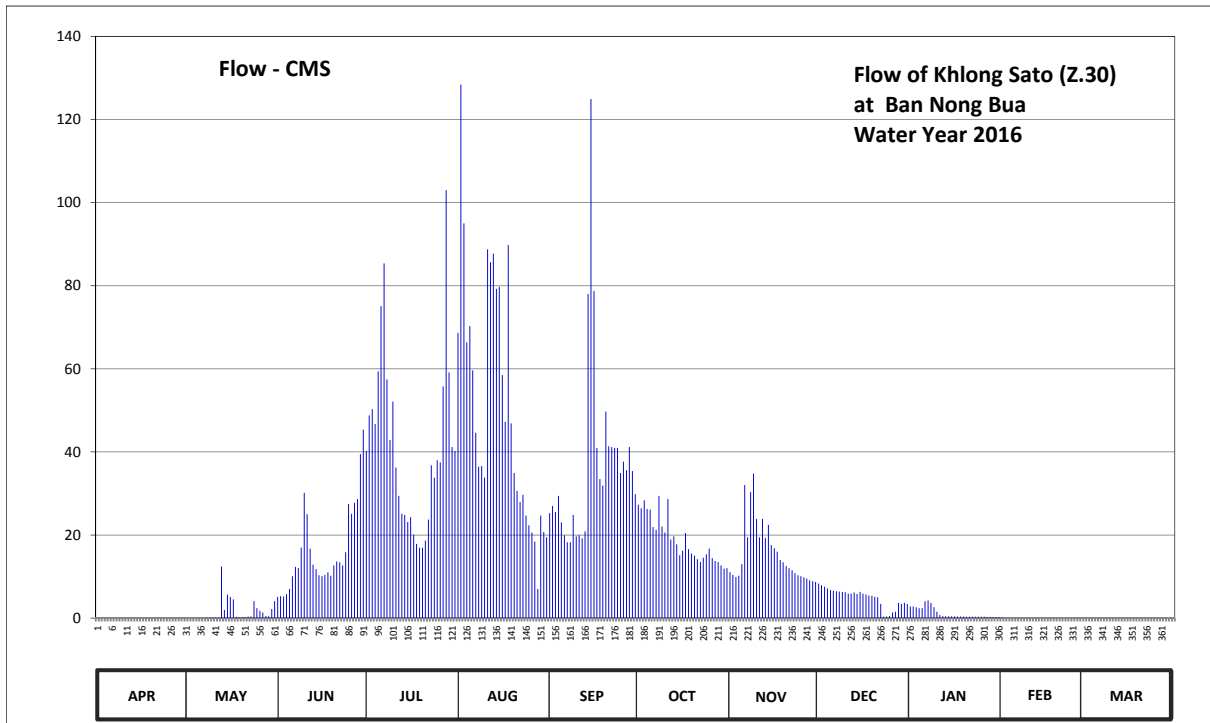
WATER YEAR : 2005
EAST COAST - GULF BASIN
Khlong Sato at Ban Nong Bua , Trat (Z.30)
 Lat 12 - 32 - 22 N Long 102 - 26 - 58 E

Location : on right bank at Ban Nong Bua.

	Ban Nong Bua	Amphoe Khao Saming	Changwat Trat
Drainage Area	316 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+9.200 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank next tall pole for electric cable near dwelling.	Elevation	+18.683 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 38 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	10.81	10.24	10.75	13.47	14.85	12.54	12.68	11.40	11.12	10.61	10.20	12.65	
2	10.90	10.24	10.77	13.92	17.10	12.66	12.62	11.33	11.08	10.61	10.20	12.69	
3	11.07	10.21	10.76	14.00	15.90	12.56	12.75	11.28	11.04	10.60	10.21	12.82	
4	11.28	10.13	10.83	13.81	14.75	12.82	12.61	11.31	10.99	10.59	10.37	12.87	
5	11.82	10.12	10.98	14.44	14.92	12.38	12.60	11.58	10.95	10.59	10.85	12.86	
6	12.49	10.11	11.30	15.12	14.45	12.15	12.30	12.99	10.93	10.67	11.22	12.80	
7	12.37	10.45	11.52	15.53	13.70	12.02	12.25	12.11	10.92	10.68	11.60	12.72	
8	12.29	10.10	11.50	14.35	13.26	12.02	12.82	12.88	10.91	10.65	11.83	12.66	
9	12.23	10.11	11.92	13.61	13.27	12.51	12.31	13.16	10.90	10.60	12.09	12.64	
10	12.18	10.12	12.87	14.09	13.10	12.13	12.20	12.44	10.89	10.55	12.23	12.64	
11	12.15	10.13	12.52	13.25	15.66	12.15	12.77	12.11	10.85	10.51	12.30	12.67	
12	12.20	10.14	11.90	12.82	15.54	12.09	12.07	12.44	10.85	10.46	12.38	12.84	
13	12.23	11.53	11.57	12.53	15.62	12.22	12.13	12.10	10.88	10.45	12.44	12.93	
14	12.32	10.57	11.47	12.51	15.29	15.24	11.98	12.34	10.84	10.45	12.48	12.95	
15	12.58	10.82	11.32	12.39	15.31	16.98	11.77	11.97	10.90	10.44	12.50	12.91	
16	12.68	10.75	11.30	12.47	14.40	15.27	11.86	11.91	10.85	10.42	12.53	12.81	
17	13.06	10.69	11.33	12.16	13.84	13.51	12.19	11.84	10.82	10.40	12.55	12.76	
18	13.00	10.31	11.39	11.99	15.70	13.08	11.89	11.67	10.79	10.39	12.61	12.68	
19	12.96	10.19	11.31	11.92	13.82	12.98	11.80	11.62	10.78	10.39	12.65	12.63	
20	12.98	10.21	11.55	11.92	13.17	13.97	11.76	11.54	10.75	10.36	12.73	12.58	
21	12.94	10.23	11.64	12.05	12.90	13.53	11.69	11.49	10.74	10.34	12.83	12.57	
22	13.06	10.34	11.62	12.43	12.72	13.52	11.63	11.44	10.64	10.34	12.90	12.65	
23	13.29	10.40	11.55	13.28	12.84	13.51	11.72	11.37	10.33	10.34	12.90	12.75	
24	13.34	10.67	11.83	13.10	12.50	13.51	11.79	11.32	10.37	10.33	12.90	12.79	
25	13.25	10.59	12.69	13.35	12.33	13.17	11.90	11.30	10.49	10.33	12.88	12.81	
26	10.24	10.56	12.53	13.32	12.20	13.33	11.71	11.27	10.54	10.33	12.78	12.87	
27	10.11	10.54	12.71	14.27	12.03	13.21	11.65	11.24	10.55	10.32	12.71	12.90	
28	10.11	10.48	12.77	16.20	10.98	13.52	11.63	11.20	10.65	10.31	12.67	12.90	
29	10.11	10.45	13.43	14.43	12.50	13.20	11.55	11.18	10.64	10.28		12.89	
30	10.08	10.58	13.74	13.52	12.21	12.85	11.48	11.16	10.65	10.27		12.91	
31		10.67		13.47	12.11		11.49		10.64	10.27		13.05	
Mean	12.00	10.41	11.78	13.41	13.84	13.15	12.05	11.77	10.78	10.45	12.09	12.78	
Max	13.34	11.53	13.74	16.20	17.10	16.98	12.82	13.16	11.12	10.68	12.90	13.05	17.10
Min	10.08	10.10	10.75	11.92	10.98	12.02	11.48	11.16	10.33	10.27	10.20	12.57	10.08
Annual Max Momentary Gage Height	17.27		m. (MSL.) ,			at 06.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	9.20		m. (MSL.) ,			River Bed 8.67	m. (MSL.)						
Left Bank Elevation	20.56		m. (MSL.) ,										
Right Bank Elevation	20.48		m. (MSL.) ,			Drainage Area 316	Square Kilometers						



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	5.10	40.23	68.65	25.26	27.30	11.10	8.30	2.81	0.20	0.00	
2	0.00	0.00	5.26	48.78	128.40	27.00	26.40	10.40	7.92	2.81	0.00	0.00	
3	0.00	0.00	5.18	50.30	95.00	25.54	28.35	9.90	7.56	2.60	0.00	0.00	
4	0.00	0.00	5.74	46.69	66.35	29.40	26.25	10.20	7.11	2.39	0.00	0.00	
5	0.00	0.00	7.02	59.38	70.28	23.02	26.10	12.98	6.75	2.39	0.00	0.00	
6	0.00	0.00	10.10	75.08	59.60	19.95	21.90	32.04	6.57	4.07	0.00	0.00	
7	0.00	0.00	12.32	85.38	44.60	18.26	21.25	19.43	6.48	4.28	0.00	0.00	
8	0.00	0.10	12.10	57.45	36.42	18.26	29.40	30.30	6.39	3.65	0.00	0.00	
9	0.00	0.11	16.96	42.89	36.59	24.84	22.04	34.76	6.30	2.60	0.00	0.00	
10	0.00	0.12	30.15	52.10	33.80	19.69	20.60	23.86	6.22	1.55	0.00	0.00	
11	0.00	0.13	24.98	36.25	88.76	19.95	28.65	19.43	5.90	0.71	0.00	0.00	
12	0.00	0.14	16.70	29.40	85.64	19.17	18.91	23.86	5.90	0.46	0.00	0.00	
13	0.00	12.43	12.87	25.12	87.72	20.86	19.69	19.30	6.14	0.45	0.00	0.00	
14	0.00	1.97	11.80	24.84	79.25	78.00	17.74	22.46	5.82	0.45	0.00	0.00	
15	0.00	5.66	10.30	23.16	79.75	124.92	15.14	17.61	6.30	0.44	0.00	0.00	
16	0.00	5.10	10.10	24.28	58.50	78.75	16.22	16.83	5.90	0.42	0.00	0.00	
17	0.00	4.49	10.40	20.08	47.26	40.99	20.47	15.98	5.66	0.40	0.00	0.00	
18	0.00	0.31	11.00	17.87	89.80	33.48	16.58	13.97	5.42	0.39	0.00	0.00	
19	0.00	0.19	10.20	16.96	46.88	31.88	15.50	13.42	5.34	0.39	0.00	0.00	
20	0.00	0.21	12.65	16.96	34.92	49.73	15.02	12.54	5.10	0.36	0.00	0.00	
21	0.00	0.23	13.64	18.65	30.60	41.37	14.19	12.00	5.02	0.34	0.00	0.00	
22	0.00	0.34	13.42	23.72	27.90	41.18	13.53	11.50	3.44	0.34	0.00	0.00	
23	0.00	0.40	12.65	36.76	29.70	40.99	14.54	10.80	0.33	0.34	0.00	0.00	
24	0.00	4.07	15.86	33.80	24.70	40.99	15.38	10.30	0.37	0.33	0.00	0.00	
25	0.00	2.39	27.45	38.00	22.32	34.92	16.70	10.10	0.49	0.33	0.00	0.00	
26	0.00	1.76	25.12	37.46	20.60	37.64	14.42	9.80	1.34	0.33	0.00	0.00	
27	0.00	1.34	27.75	55.77	18.39	35.57	13.75	9.50	1.55	0.32	0.00	0.00	
28	0.00	0.48	28.65	103.00	7.02	41.18	13.53	9.10	3.65	0.31	0.00	0.00	
29	0.00	0.45	39.47	59.16	24.70	35.40	12.65	8.90	3.44	0.28	0.00	0.00	
30	0.00	2.18	45.36	41.18	20.73	29.85	11.90	8.70	3.65	0.27	0.00	0.00	
31	0.00	4.07		40.23	19.43		12.00		3.44	0.27	0.00	0.00	
Total	0.00	48.67	490.30	1280.93	1584.26	1108.04	586.10	471.07	153.80	37.08	0.20	0.00	5760.45 CMSDAY
Mean	0.00	1.57	16.34	41.32	51.11	36.93	18.91	15.70	4.96	1.20	0.01	0.00	15.78 CMS
Max	0.00	12.43	45.36	103.00	128.40	124.92	29.40	34.76	8.30	4.28	0.20	0.00	128.40 CMS
Min	0.00	0.00	5.10	16.96	7.02	18.26	11.90	8.70	0.33	0.27	0.00	0.00	0.00 CMS
Runoff	0.00	4.21	42.36	110.67	136.88	95.74	50.64	40.70	13.29	3.20	0.02	0.00	497.70 MCM
Momentary Peak	133.33	CMS, at 17.27 m. (MSL.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	49.94	Liters/Second/Square KM.		Momentary Peak Yield		421.877	Liters/Second/Square KM.						

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlong Thapma at Ban Khao Bot , Rayong (Z.38)

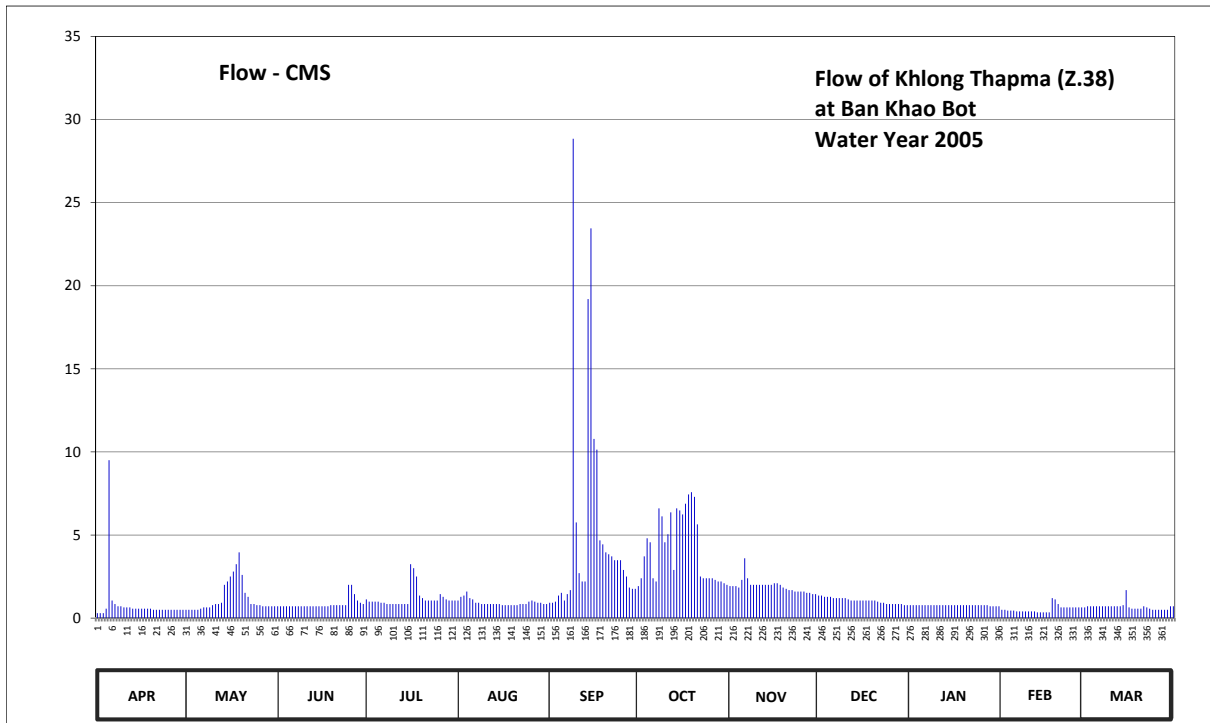
Lat 12 - 44 - 09 N Long 101 - 13 - 54 E

Location : on left bank at Ban Khao Bot.

	Ban Khao Bot	Amphoe Mueang	Changwat Rayong
Drainage Area	150 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank next tall pole for electric cable near dwelling.	Elevation	+3.220 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1993 to date.		
Rating Operation			
Period of Rating	1993 to date.		
Rated by Flot	-		
Rated by Current Meter	1993 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 18 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.56	0.60	0.63	0.69	0.68	0.66	0.79	0.79	0.72	0.64	0.60	0.62	
2	0.56	0.60	0.63	0.67	0.71	0.66	0.84	0.79	0.72	0.64	0.60	0.63	
3	0.56	0.60	0.63	0.67	0.72	0.67	0.96	0.79	0.71	0.64	0.59	0.63	
4	0.61	0.60	0.63	0.67	0.75	0.72	1.05	0.78	0.71	0.64	0.59	0.63	
5	1.40	0.60	0.63	0.67	0.70	0.74	1.03	0.83	0.71	0.64	0.59	0.63	
6	0.68	0.61	0.63	0.66	0.69	0.68	0.84	0.95	0.70	0.64	0.58	0.63	
7	0.65	0.62	0.63	0.66	0.66	0.73	0.82	0.84	0.70	0.64	0.58	0.63	
8	0.63	0.62	0.63	0.65	0.66	0.76	1.20	0.80	0.70	0.64	0.58	0.63	
9	0.63	0.62	0.63	0.65	0.65	2.36	1.16	0.80	0.70	0.64	0.58	0.63	
10	0.62	0.64	0.63	0.65	0.65	1.13	1.03	0.80	0.70	0.64	0.58	0.63	
11	0.62	0.65	0.63	0.65	0.65	0.87	1.07	0.80	0.69	0.64	0.58	0.63	
12	0.62	0.65	0.63	0.65	0.65	0.82	1.18	0.80	0.68	0.64	0.58	0.63	
13	0.61	0.66	0.63	0.65	0.65	0.82	0.89	0.80	0.68	0.64	0.57	0.63	
14	0.61	0.80	0.63	0.65	0.65	1.95	1.20	0.80	0.68	0.64	0.57	0.64	
15	0.61	0.82	0.63	0.65	0.65	2.15	1.19	0.80	0.68	0.64	0.57	0.76	
16	0.61	0.85	0.63	0.92	0.64	1.48	1.17	0.81	0.68	0.64	0.57	0.62	
17	0.61	0.88	0.63	0.90	0.64	1.44	1.22	0.81	0.68	0.64	0.57	0.61	
18	0.61	0.92	0.63	0.85	0.64	1.04	1.26	0.80	0.68	0.64	0.70	0.61	
19	0.61	0.98	0.64	0.72	0.64	1.02	1.27	0.78	0.68	0.64	0.69	0.61	
20	0.60	0.86	0.64	0.70	0.64	0.98	1.25	0.77	0.68	0.64	0.65	0.61	
21	0.60	0.74	0.64	0.68	0.64	0.97	1.12	0.76	0.67	0.64	0.62	0.63	
22	0.60	0.71	0.64	0.68	0.65	0.96	0.85	0.76	0.66	0.64	0.62	0.62	
23	0.60	0.65	0.64	0.68	0.65	0.94	0.84	0.75	0.66	0.64	0.62	0.61	
24	0.60	0.65	0.64	0.68	0.65	0.94	0.84	0.75	0.65	0.64	0.62	0.60	
25	0.60	0.64	0.80	0.68	0.67	0.94	0.84	0.75	0.65	0.64	0.62	0.60	
26	0.60	0.64	0.80	0.73	0.68	0.89	0.84	0.75	0.65	0.64	0.62	0.60	
27	0.60	0.63	0.73	0.71	0.67	0.85	0.83	0.74	0.65	0.64	0.62	0.60	
28	0.60	0.63	0.68	0.69	0.66	0.78	0.82	0.74	0.65	0.63	0.62	0.60	
29	0.60	0.63	0.66	0.68	0.66	0.77	0.82	0.73	0.65	0.63		0.60	
30	0.60	0.63	0.65	0.68	0.65	0.77	0.81	0.73	0.64	0.63		0.63	
31		0.63		0.68	0.65		0.80		0.64	0.63		0.63	
Mean	0.63	0.69	0.65	0.70	0.66	1.02	0.99	0.79	0.68	0.64	0.60	0.62	
Max	1.40	0.98	0.80	0.92	0.75	2.36	1.27	0.95	0.72	0.64	0.70	0.76	2.36
Min	0.56	0.60	0.63	0.65	0.64	0.66	0.79	0.73	0.64	0.63	0.57	0.60	0.56
Annual Max Momentary Gage Height	2.83												at 18.00 Hours, on Sep 14, 2005
Zero Gage at Bottom Elevation	0.00						-0.67						m. (A.D.)
Left Bank Elevation		3.00											m. (A.D.)
Right Bank Elevation		3.43											m. (A.D.)
Drainage Area						150							Square Kilometers



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.50	0.71	1.13	1.06	0.92	1.92	1.92	1.36	0.78	0.50	0.64	
2	0.30	0.50	0.71	0.99	1.28	0.92	2.40	1.92	1.36	0.78	0.50	0.71	
3	0.30	0.50	0.71	0.99	1.36	0.99	3.72	1.92	1.28	0.78	0.45	0.71	
4	0.57	0.50	0.71	0.99	1.60	1.36	4.80	1.84	1.28	0.78	0.45	0.71	
5	9.50	0.50	0.71	0.99	1.20	1.52	4.56	2.30	1.28	0.78	0.45	0.71	
6	1.06	0.57	0.71	0.92	1.13	1.06	2.40	3.60	1.20	0.78	0.40	0.71	
7	0.85	0.64	0.71	0.92	0.92	1.44	2.20	2.40	1.20	0.78	0.40	0.71	
8	0.71	0.64	0.71	0.85	0.92	1.68	6.60	2.00	1.20	0.78	0.40	0.71	
9	0.71	0.64	0.71	0.85	0.85	28.84	6.12	2.00	1.20	0.78	0.40	0.71	
10	0.64	0.78	0.71	0.85	0.85	5.76	4.56	2.00	1.20	0.78	0.40	0.71	
11	0.64	0.85	0.71	0.85	0.85	2.70	5.04	2.00	1.13	0.78	0.40	0.71	
12	0.64	0.85	0.71	0.85	0.85	2.20	6.36	2.00	1.06	0.78	0.40	0.71	
13	0.57	0.92	0.71	0.85	0.85	2.20	2.90	2.00	1.06	0.78	0.35	0.71	
14	0.57	2.00	0.71	0.85	0.85	19.20	6.60	2.00	1.06	0.78	0.35	0.78	
15	0.57	2.20	0.71	0.85	0.85	23.45	6.48	2.00	1.06	0.78	0.35	1.68	
16	0.57	2.50	0.71	3.24	0.78	10.78	6.24	2.10	1.06	0.78	0.35	0.64	
17	0.57	2.80	0.71	3.00	0.78	10.14	6.88	2.10	1.06	0.78	0.35	0.57	
18	0.57	3.24	0.71	2.50	0.78	4.68	7.44	2.00	1.06	0.78	1.20	0.57	
19	0.57	3.96	0.78	1.36	0.78	4.44	7.58	1.84	1.06	0.78	1.13	0.57	
20	0.50	2.60	0.78	1.20	0.78	3.96	7.30	1.76	1.06	0.78	0.85	0.57	
21	0.50	1.52	0.78	1.06	0.78	3.84	5.64	1.68	0.99	0.78	0.64	0.71	
22	0.50	1.28	0.78	1.06	0.85	3.72	2.50	1.68	0.92	0.78	0.64	0.64	
23	0.50	0.85	0.78	1.06	0.85	3.48	2.40	1.60	0.92	0.78	0.64	0.57	
24	0.50	0.85	0.78	1.06	0.85	3.48	2.40	1.60	0.85	0.78	0.64	0.50	
25	0.50	0.78	2.00	1.06	0.99	3.48	2.40	1.60	0.85	0.78	0.64	0.50	
26	0.50	0.78	2.00	1.44	1.06	2.90	2.40	1.60	0.85	0.78	0.64	0.50	
27	0.50	0.71	1.44	1.28	0.99	2.50	2.30	1.52	0.85	0.78	0.64	0.50	
28	0.50	0.71	1.06	1.13	0.92	1.84	2.20	1.52	0.85	0.71	0.64	0.50	
29	0.50	0.71	0.92	1.06	0.92	1.76	2.20	1.44	0.85	0.71		0.50	
30	0.50	0.71	0.85	1.06	0.85	1.76	2.10	1.44	0.78	0.71		0.71	
31		0.71		1.06	0.85		2.00		0.78	0.71		0.71	
Total	25.71	37.30	25.73	37.36	29.23	157.00	130.64	57.38	32.72	23.90	15.20	20.88	593.05 CMSDAY
Mean	0.86	1.20	0.86	1.21	0.94	5.23	4.21	1.91	1.06	0.77	0.54	0.67	1.62 CMS
Max	9.50	3.96	2.00	3.24	1.60	28.84	7.58	3.60	1.36	0.78	1.20	1.68	28.84 CMS
Min	0.30	0.50	0.71	0.85	0.78	0.92	1.92	1.44	0.78	0.71	0.35	0.50	0.30 CMS
Runoff	2.22	3.22	2.22	3.23	2.53	13.57	11.29	4.96	2.83	2.07	1.31	1.80	51.24 MCM
Momentary Peak	49.45	CMS, at 2.83 m. (A.D.), at 18.00 Hours, on Sep 14, 2005											
Runoff Yield	10.83	Liters/Second/Square KM.		Momentary Peak Yield		329.667	Liters/Second/Square KM.						

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khleng Prakaet at Ban Prakaet , Chanthaburi (Z.42)

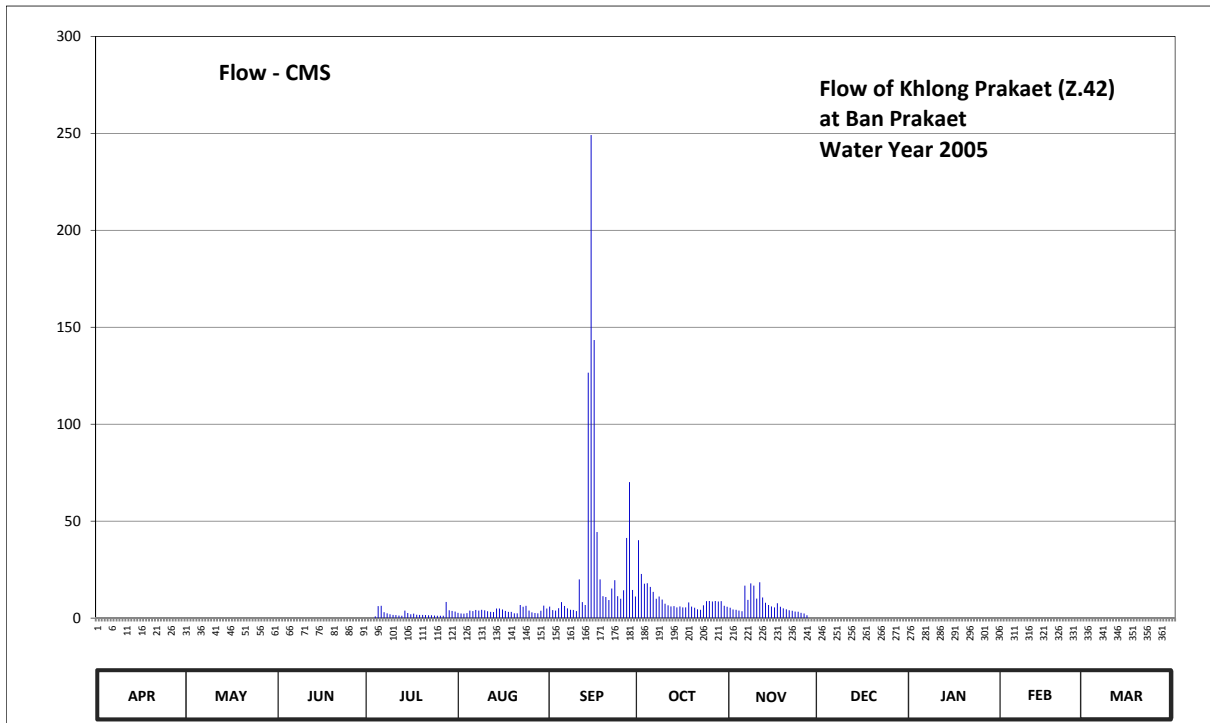
Lat 12 - 57 - 32 N Long 101 - 51 - 57 E

Location : on left bank at Ban Prakaet, Tambon Sam Phinong.

	Ban Prakaet	Amphoe Kaeng Hang Maeo	Changwat Chanthaburi
Drainage Area	451 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+17.754 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 200 meters from the gage observer's house.	Elevation	+24.921 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1996 to date.		
Rating Operation			
Period of Rating	2000 to date.		
Rated by Flot	-		
Rated by Current Meter	2000 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +24.860 m.(M.S.L.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 57 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.57	17.57	17.75	17.80	18.14	18.49	20.79	18.43	17.76	18.01	17.74	17.76	
2	17.57	17.57	17.75	17.80	18.10	18.31	19.75	18.34	18.10	17.99	17.74	17.76	
3	17.57	17.57	17.75	17.80	18.09	18.28	19.41	18.33	17.87	17.82	17.74	17.76	
4	17.57	17.57	17.75	17.91	18.12	18.41	19.43	18.28	17.76	17.80	17.74	17.76	
5	17.57	17.57	17.80	18.51	18.28	18.71	19.29	18.24	17.76	17.76	17.74	17.76	
6	17.57	17.57	17.80	18.53	18.25	18.52	19.11	19.34	17.76	17.76	17.73	17.76	
7	17.57	17.57	17.80	18.18	18.32	18.40	18.85	18.81	17.76	17.76	17.72	17.76	
8	17.57	17.57	17.80	18.11	18.28	18.33	18.94	19.42	17.76	17.76	17.71	17.76	
9	17.57	17.57	17.80	18.05	18.33	18.32	18.82	19.34	17.76	17.74	17.71	17.76	
10	17.57	17.57	17.80	18.01	18.30	18.25	18.63	18.86	17.76	17.74	17.71	17.75	
11	17.57	17.57	17.80	18.00	18.24	19.57	18.55	19.46	18.19	17.74	17.70	17.75	
12	17.57	17.57	17.80	17.96	18.20	18.71	18.50	18.90	18.90	17.74	17.70	17.72	
13	17.57	17.57	17.80	17.95	18.19	18.57	18.51	18.68	18.89	17.74	17.70	17.70	
14	17.57	17.57	17.80	18.28	18.39	23.93	18.45	18.57	18.85	17.74	17.70	17.68	
15	17.57	17.57	17.80	18.13	18.39	25.63	18.50	18.50	18.85	17.74	17.70	17.66	
16	17.57	17.57	17.80	18.05	18.34	24.27	18.45	18.45	18.84	17.74	17.70	17.66	
17	17.57	17.57	17.80	18.09	18.26	21.02	18.45	18.66	18.84	17.73	17.70	17.68	
18	17.57	17.57	17.80	18.02	18.20	19.57	18.70	18.48	18.82	17.73	18.74	17.68	
19	17.57	17.57	17.80	18.01	18.20	18.95	18.49	18.40	18.80	17.73	18.12	17.68	
20	17.57	17.57	17.80	18.01	18.11	18.92	18.43	18.35	18.77	17.74	18.00	17.70	
21	17.57	17.57	17.80	18.00	18.11	18.80	18.35	18.30	18.71	17.74	17.92	17.74	
22	17.57	17.57	17.80	17.98	18.57	19.23	18.33	18.27	18.83	17.74	17.87	17.74	
23	17.57	17.57	17.80	17.98	18.48	19.54	18.55	18.22	19.10	17.74	17.78	17.75	
24	17.57	17.57	17.80	17.96	18.53	18.95	18.75	18.21	19.10	17.74	17.77	17.75	
25	17.57	17.57	17.80	17.95	18.28	18.85	18.76	18.14	18.90	17.74	17.77	17.71	
26	17.57	17.57	17.80	17.95	18.17	19.17	18.74	18.10	18.90	17.74	17.77	17.71	
27	17.57	17.57	17.80	17.95	18.13	20.85	18.76	17.99	18.88	17.74	17.77	17.71	
28	17.57	17.57	17.80	18.72	18.11	22.24	18.74	17.79	18.78	17.74	17.76	17.69	
29	17.57	17.57	17.80	18.30	18.27	19.18	18.75	17.77	18.16	17.74		17.73	
30	17.57	17.57	17.80	18.26	18.54	18.94	18.53	17.77	17.95	17.74		17.73	
31		17.57		18.22	18.39		18.48		18.02	17.74		17.71	
Mean	17.57	17.57	17.79	18.08	18.27	19.63	18.80	18.48	18.42	17.76	17.80	17.72	
Max	17.57	17.57	17.80	18.72	18.57	25.63	20.79	19.46	19.10	18.01	18.74	17.76	25.63
Min	17.57	17.57	17.75	17.80	18.09	18.25	18.33	17.77	17.76	17.73	17.70	17.66	17.57
Annual Max Momentary Gage Height	25.71		m. (MSL.) ,			at 06.00 Hours, on Sep 15, 2005							
Zero Gage at Bottom Elevation	17.75		m. (MSL.) ,			River Bed	17.57	m. (MSL.)					
Left Bank Elevation		24.93		m. (MSL.) ,									
Right Bank Elevation		24.85		m. (MSL.) ,		Drainage Are	451	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	2.72	5.95	40.22	5.33	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	2.40	4.10	22.80	4.41	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	2.32	3.84	17.74	4.31	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.88	2.56	5.13	18.02	3.84	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	6.15	3.84	8.22	16.06	3.52	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	6.36	3.60	6.26	13.54	16.76	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	3.04	4.21	5.03	9.95	9.43	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	2.48	3.84	4.31	11.16	17.88	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	2.00	4.31	4.21	9.56	16.76	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	1.68	4.00	3.60	7.38	10.08	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	1.60	3.52	19.98	6.56	18.44	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	1.28	3.20	8.22	6.05	10.60	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	1.20	3.12	6.77	6.15	7.89	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	3.84	4.92	126.58	5.54	6.77	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	2.64	4.92	249.12	6.05	6.05	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	2.00	4.41	143.38	5.54	5.54	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	2.32	3.68	44.36	5.54	7.69	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	1.76	3.20	19.98	8.10	5.84	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	1.68	3.20	11.30	5.95	5.03	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	1.68	2.48	10.88	5.33	4.51	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	1.60	2.48	9.30	4.51	4.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	1.44	6.77	15.22	4.31	3.76	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	1.44	5.84	19.56	6.56	3.36	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	1.28	6.36	11.30	8.70	3.28	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	1.20	3.84	9.95	8.82	2.72	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	1.20	2.96	14.38	8.58	2.40	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	1.20	2.64	41.30	8.82	1.52	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	8.34	2.48	70.16	8.58	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	4.00	3.76	14.52	8.70	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	3.68	6.46	11.16	6.36	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	3.36	4.92		5.84		0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	71.33	118.96	908.07	307.02	191.72	0.00	0.00	0.00	0.00	1597.10 CMSDAY
Mean	0.00	0.00	0.00	2.30	3.84	30.27	9.90	6.39	0.00	0.00	0.00	0.00	4.38 CMS
Max	0.00	0.00	0.00	8.34	6.77	249.12	40.22	18.44	0.00	0.00	0.00	0.00	249.12 CMS
Min	0.00	0.00	0.00	0.00	2.32	3.60	4.31	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	6.16	10.28	78.46	26.53	16.57	0.00	0.00	0.00	0.00	137.99 MCM
Momentary Peak	257.48	CMS, at 25.71 m. (MSL.), at 06.00 Hours, on Sep 15, 2005											
Runoff Yield	9.70	Liters/Second/Square KM.		Momentary Peak Yield		570.909	Liters/Second/Square KM.						

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khleng Hin Phloeng at Ban Hin Phloeng, Chanthaburi (Z.43)

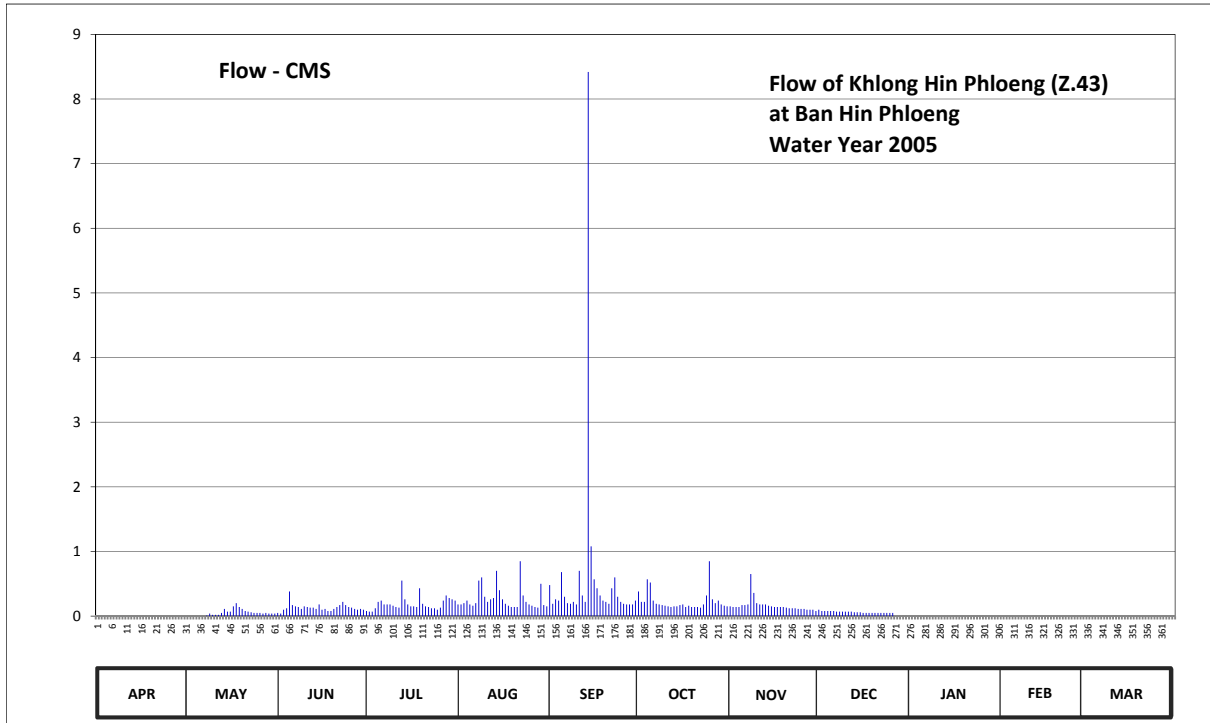
Lat 12 - 57 - 04 N Long 101 - 47 - 59 E

Location : on right bank at the bridge on highway.

	Ban Hin Phloeng	Amphoe Kaeng Hang Maeo	Changwat Chanthaburi
Drainage Area	4 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+45.094 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 20 meters from the top staff gage.	Elevation	+48.611 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1996 to date.		
Rating Operation			
Period of Rating	1996 to date.		
Rated by Flot	-		
Rated by Current Meter	1996 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 18 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	45.34	45.50	45.54	45.57	45.68	45.83	45.79	45.64	45.58	45.54	45.50	45.53	
2	45.31	45.50	45.53	45.56	45.67	45.69	45.71	45.63	45.57	45.54	45.50	45.53	
3	45.28	45.49	45.58	45.56	45.70	45.73	45.71	45.62	45.57	45.54	45.50	45.53	
4	45.43	45.49	45.60	45.60	45.72	45.72	45.87	45.62	45.57	45.53	45.50	45.53	
5	45.40	45.48	45.79	45.71	45.68	45.91	45.85	45.66	45.57	45.53	45.50	45.53	
6	45.38	45.48	45.66	45.72	45.65	45.75	45.72	45.66	45.57	45.53	45.50	45.53	
7	45.48	45.48	45.64	45.68	45.70	45.70	45.69	45.67	45.56	45.53	45.50	45.53	
8	45.46	45.51	45.62	45.68	45.86	45.69	45.67	45.90	45.56	45.52	45.50	45.53	
9	45.46	45.53	45.59	45.68	45.88	45.71	45.66	45.78	45.56	45.53	45.50	45.53	
10	45.46	45.52	45.64	45.65	45.75	45.68	45.65	45.70	45.56	45.52	45.50	45.53	
11	45.46	45.52	45.63	45.62	45.71	45.92	45.64	45.68	45.56	45.52	45.50	45.52	
12	45.46	45.52	45.61	45.61	45.73	45.76	45.63	45.67	45.56	45.52	45.50	45.52	
13	45.46	45.54	45.61	45.86	45.74	45.71	45.64	45.67	45.55	45.52	45.49	45.52	
14	45.46	45.59	45.59	45.73	45.92	47.12	45.64	45.65	45.55	45.52	45.49	45.52	
15	45.46	45.56	45.68	45.67	45.80	46.05	45.66	45.64	45.55	45.52	45.49	45.52	
16	45.46	45.56	45.58	45.64	45.73	45.87	45.67	45.63	45.54	45.52	45.49	45.52	
17	45.46	45.64	45.59	45.64	45.69	45.81	45.63	45.63	45.54	45.52	45.49	45.51	
18	45.46	45.70	45.57	45.63	45.65	45.76	45.65	45.62	45.54	45.52	45.61	45.51	
19	45.46	45.62	45.57	45.81	45.63	45.72	45.63	45.62	45.54	45.52	45.56	45.51	
20	45.46	45.59	45.59	45.69	45.63	45.71	45.63	45.61	45.54	45.52	45.54	45.51	
21	45.49	45.57	45.63	45.64	45.62	45.69	45.62	45.60	45.54	45.51	45.64	45.51	
22	45.63	45.56	45.66	45.62	45.98	45.81	45.61	45.60	45.54	45.51	45.57	45.50	
23	45.56	45.55	45.71	45.60	45.76	45.88	45.67	45.60	45.54	45.51	45.55	45.50	
24	45.55	45.54	45.66	45.60	45.71	45.75	45.76	45.59	45.54	45.51	45.54	45.50	
25	45.54	45.54	45.63	45.58	45.67	45.71	45.98	45.59	45.54	45.51	45.54	45.50	
26	45.53	45.54	45.61	45.61	45.65	45.69	45.73	45.59	45.54	45.51	45.53	45.50	
27	45.52	45.53	45.59	45.72	45.63	45.68	45.70	45.58	45.54	45.51	45.53	45.50	
28	45.52	45.54	45.58	45.76	45.61	45.68	45.72	45.58	45.58	45.51	45.53	45.50	
29	45.51	45.53	45.59	45.74	45.84	45.67	45.68	45.58	45.56	45.51		45.50	
30	45.51	45.53	45.58	45.73	45.66	45.72	45.65	45.57	45.55	45.51		45.51	
31		45.53		45.72	45.64		45.64		45.55	45.51		45.51	
Mean	45.47	45.54	45.61	45.67	45.72	45.80	45.69	45.64	45.55	45.52	45.52	45.52	
Max	45.63	45.70	45.79	45.86	45.98	47.12	45.98	45.90	45.58	45.54	45.64	45.53	47.12
Min	45.28	45.48	45.53	45.56	45.61	45.67	45.61	45.57	45.54	45.51	45.49	45.50	45.28
Annual Max Momentary Gage Height	48.69		m. (MSL.) ,			at 12.00 Hours, on Sep 14, 2005							
Zero Gage at Bottom Elevation	45.09		m. (MSL.) ,			River Bed	45.16	m. (MSL.)					
Left Bank Elevation		49.60		m. (MSL.) ,									
Right Bank Elevation		49.82		m. (MSL.) ,		Drainage Are	4	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.05	0.08	0.18	0.48	0.38	0.15	0.10	0.00	0.00	0.00	
2	0.00	0.00	0.04	0.07	0.18	0.19	0.22	0.14	0.08	0.00	0.00	0.00	
3	0.00	0.00	0.10	0.07	0.20	0.26	0.22	0.14	0.08	0.00	0.00	0.00	
4	0.00	0.00	0.12	0.12	0.24	0.24	0.57	0.14	0.08	0.00	0.00	0.00	
5	0.00	0.00	0.38	0.22	0.18	0.68	0.52	0.17	0.08	0.00	0.00	0.00	
6	0.00	0.00	0.17	0.24	0.16	0.30	0.24	0.17	0.08	0.00	0.00	0.00	
7	0.00	0.00	0.15	0.18	0.20	0.20	0.19	0.18	0.07	0.00	0.00	0.00	
8	0.00	0.01	0.14	0.18	0.55	0.19	0.18	0.65	0.07	0.00	0.00	0.00	
9	0.00	0.04	0.11	0.18	0.60	0.22	0.17	0.36	0.07	0.00	0.00	0.00	
10	0.00	0.02	0.15	0.16	0.30	0.18	0.16	0.20	0.07	0.00	0.00	0.00	
11	0.00	0.02	0.14	0.14	0.22	0.70	0.15	0.18	0.07	0.00	0.00	0.00	
12	0.00	0.02	0.13	0.13	0.26	0.32	0.14	0.18	0.07	0.00	0.00	0.00	
13	0.00	0.05	0.13	0.55	0.28	0.22	0.15	0.18	0.06	0.00	0.00	0.00	
14	0.00	0.11	0.11	0.26	0.70	8.42	0.15	0.16	0.06	0.00	0.00	0.00	
15	0.00	0.07	0.18	0.18	0.40	1.08	0.17	0.15	0.06	0.00	0.00	0.00	
16	0.00	0.07	0.10	0.15	0.26	0.57	0.18	0.14	0.05	0.00	0.00	0.00	
17	0.00	0.15	0.11	0.15	0.19	0.43	0.14	0.14	0.05	0.00	0.00	0.00	
18	0.00	0.20	0.08	0.14	0.16	0.32	0.16	0.14	0.05	0.00	0.00	0.00	
19	0.00	0.14	0.08	0.43	0.14	0.24	0.14	0.14	0.05	0.00	0.00	0.00	
20	0.00	0.11	0.11	0.19	0.14	0.22	0.14	0.13	0.05	0.00	0.00	0.00	
21	0.00	0.08	0.14	0.15	0.14	0.19	0.14	0.12	0.05	0.00	0.00	0.00	
22	0.00	0.07	0.17	0.14	0.85	0.43	0.13	0.12	0.05	0.00	0.00	0.00	
23	0.00	0.06	0.22	0.12	0.32	0.60	0.18	0.12	0.05	0.00	0.00	0.00	
24	0.00	0.05	0.17	0.12	0.22	0.30	0.32	0.11	0.05	0.00	0.00	0.00	
25	0.00	0.05	0.14	0.10	0.18	0.22	0.85	0.11	0.05	0.00	0.00	0.00	
26	0.00	0.05	0.13	0.13	0.16	0.19	0.26	0.11	0.05	0.00	0.00	0.00	
27	0.00	0.04	0.11	0.24	0.14	0.18	0.20	0.10	0.00	0.00	0.00	0.00	
28	0.00	0.05	0.10	0.32	0.13	0.18	0.24	0.10	0.00	0.00	0.00	0.00	
29	0.00	0.04	0.11	0.28	0.50	0.18	0.18	0.10	0.00	0.00	0.00	0.00	
30	0.00	0.04	0.10	0.26	0.17	0.24	0.16	0.08	0.00	0.00	0.00	0.00	
31	0.00	0.04	0.24	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00	0.00	
Total	0.00	1.58	3.97	5.92	8.50	18.17	7.18	4.91	1.65	0.00	0.00	0.00	51.88 CMSDAY
Mean	0.00	0.05	0.13	0.19	0.27	0.61	0.23	0.16	0.05	0.00	0.00	0.00	0.14 CMS
Max	0.00	0.20	0.38	0.55	0.85	8.42	0.85	0.65	0.10	0.00	0.00	0.00	8.42 CMS
Min	0.00	0.00	0.04	0.07	0.13	0.18	0.13	0.08	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.14	0.34	0.51	0.73	1.57	0.62	0.42	0.14	0.00	0.00	0.00	4.48 MCM
Momentary Peak	33.40	CMS, at 48.69 m. (MSL), at 12.00 Hours, on Sep 14, 2005											
Runoff Yield	35.53	Liters/Second/Square KM. Momentary Peak Yield 8350.000 Liters/Second/Square KM.											

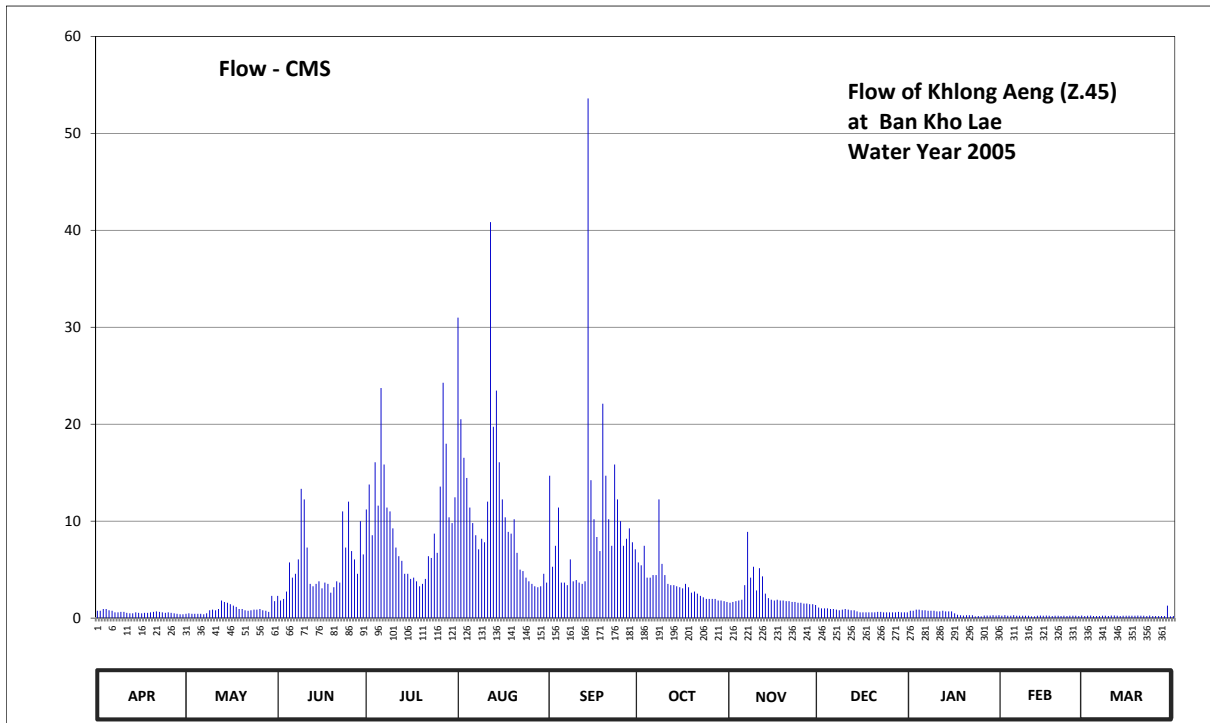
WATER YEAR : 2005
EAST COAST - GULF BASIN
Khlong Aeng at Ban Kho Lae , Trat (Z.45)
 Lat 12 - 36 - 58 N Long 102 - 28 - 42 E

Location : on right bank near the highway bridge, Tambon Nong Bon.

	Ban Kho Lae	Amphoe Bo Rai	Changwat Trat
Drainage Area	58	sq.km.	
Type of Gage	Staff gage.		
Zero Gage at Bottom	+31.250	m. (MSL.)	
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 15 meters from the top staff gage.		Elevation +36.568 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 37 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.19	31.13	31.40	31.97	32.74	32.13	31.67	31.31	31.24	31.19	31.08	31.07	
2	31.19	31.14	31.34	32.09	32.37	31.64	31.65	31.32	31.23	31.19	31.10	31.08	
3	31.22	31.13	31.36	31.83	32.21	31.77	31.77	31.33	31.23	31.21	31.08	31.09	
4	31.22	31.13	31.44	32.19	32.12	31.98	31.56	31.34	31.23	31.21	31.08	31.07	
5	31.20	31.13	31.67	31.99	31.98	31.52	31.56	31.35	31.22	31.20	31.10	31.07	
6	31.19	31.13	31.56	32.49	31.90	31.52	31.58	31.50	31.22	31.20	31.08	31.07	
7	31.16	31.12	31.59	32.18	31.83	31.50	31.58	31.85	31.21	31.19	31.08	31.08	
8	31.16	31.14	31.69	31.98	31.75	31.69	32.02	31.56	31.20	31.19	31.08	31.08	
9	31.17	31.20	32.07	31.96	31.81	31.53	31.66	31.64	31.21	31.19	31.08	31.07	
10	31.17	31.21	32.02	31.87	31.79	31.54	31.58	31.45	31.22	31.18	31.08	31.09	
11	31.15	31.20	31.76	31.76	32.01	31.52	31.51	31.63	31.21	31.18	31.06	31.09	
12	31.14	31.22	31.51	31.71	33.04	31.51	31.50	31.57	31.20	31.19	31.06	31.08	
13	31.14	31.34	31.49	31.68	32.34	31.53	31.50	31.42	31.20	31.18	31.08	31.07	
14	31.16	31.32	31.51	31.59	32.48	33.37	31.49	31.37	31.18	31.18	31.09	31.08	
15	31.15	31.31	31.53	31.59	32.19	32.11	31.48	31.35	31.16	31.18	31.08	31.08	
16	31.14	31.29	31.47	31.55	32.02	31.92	31.47	31.34	31.16	31.14	31.09	31.08	
17	31.15	31.27	31.52	31.56	31.93	31.82	31.51	31.35	31.16	31.11	31.08	31.08	
18	31.15	31.25	31.51	31.53	31.85	31.74	31.48	31.34	31.16	31.10	31.07	31.08	
19	31.16	31.22	31.43	31.49	31.84	32.43	31.43	31.34	31.16	31.09	31.08	31.09	
20	31.17	31.22	31.48	31.51	31.92	32.13	31.44	31.33	31.16	31.10	31.08	31.08	
21	31.18	31.20	31.53	31.55	31.73	31.92	31.42	31.33	31.17	31.10	31.07	31.08	
22	31.17	31.19	31.52	31.71	31.62	31.77	31.40	31.32	31.17	31.10	31.08	31.07	
23	31.16	31.20	31.96	31.70	31.61	32.18	31.38	31.32	31.16	31.06	31.07	31.09	
24	31.15	31.21	31.76	31.84	31.56	32.02	31.36	31.31	31.16	31.07	31.08	31.07	
25	31.16	31.21	32.01	31.73	31.53	31.91	31.36	31.31	31.16	31.06	31.08	31.07	
26	31.15	31.22	31.74	32.08	31.51	31.77	31.36	31.30	31.16	31.09	31.08	31.07	
27	31.14	31.20	31.69	32.51	31.49	31.81	31.36	31.30	31.16	31.09	31.07	31.07	
28	31.13	31.19	31.59	32.27	31.48	31.87	31.34	31.29	31.17	31.09	31.09	31.07	
29	31.12	31.17	31.91	31.93	31.49	31.79	31.34	31.29	31.16	31.10		31.27	
30	31.12	31.40	31.72	31.90	31.59	31.75	31.33	31.28	31.16	31.09		31.06	
31		31.33		32.03	31.52		31.32		31.16	31.10		31.07	
Mean	31.16	31.21	31.63	31.86	31.91	31.86	31.50	31.39	31.19	31.14	31.08	31.08	
Max	31.22	31.40	32.07	32.51	33.04	33.37	32.02	31.85	31.24	31.21	31.10	31.27	33.37
Min	31.12	31.12	31.34	31.49	31.48	31.50	31.32	31.28	31.16	31.06	31.06	31.06	31.06
Annual Max Momentary Gage Height	34.25		m. (MSL.) ,				at 12.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation	31.25		m. (MSL.) ,			River Bed	30.54	m. (MSL.)					
Left Bank Elevation		34.82		m. (MSL.) ,									
Right Bank Elevation		34.79		m. (MSL.) ,		Drainage Are	58	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.75	0.45	2.30	11.20	31.00	14.69	5.75	1.58	1.08	0.75	0.24	0.21	
2	0.75	0.50	1.82	13.78	20.52	5.30	5.45	1.66	1.01	0.75	0.30	0.24	
3	0.94	0.45	1.98	8.54	16.54	7.46	7.46	1.74	1.01	0.87	0.24	0.27	
4	0.94	0.45	2.74	16.07	14.46	11.40	4.18	1.82	1.01	0.87	0.24	0.21	
5	0.80	0.45	5.75	11.60	11.40	3.66	4.18	1.90	0.94	0.80	0.30	0.21	
6	0.75	0.45	4.18	23.73	9.80	3.66	4.44	3.40	0.94	0.80	0.24	0.21	
7	0.60	0.40	4.57	15.84	8.54	3.40	4.44	8.90	0.87	0.75	0.24	0.24	
8	0.60	0.50	6.05	11.40	7.10	6.05	12.24	4.18	0.80	0.75	0.24	0.24	
9	0.65	0.80	13.34	11.00	8.18	3.79	5.60	5.30	0.87	0.75	0.24	0.21	
10	0.65	0.87	12.24	9.26	7.82	3.92	4.44	2.85	0.94	0.70	0.24	0.27	
11	0.55	0.80	7.28	7.28	12.02	3.66	3.53	5.15	0.87	0.70	0.18	0.27	
12	0.50	0.94	3.53	6.38	40.84	3.53	3.40	4.31	0.80	0.75	0.18	0.24	
13	0.50	1.82	3.29	5.90	19.74	3.79	3.40	2.52	0.80	0.70	0.24	0.21	
14	0.60	1.66	3.53	4.57	23.46	53.60	3.29	2.06	0.70	0.70	0.27	0.24	
15	0.55	1.58	3.79	4.57	16.07	14.23	3.18	1.90	0.60	0.70	0.24	0.24	
16	0.50	1.43	3.07	4.05	12.24	10.20	3.07	1.82	0.60	0.50	0.27	0.24	
17	0.55	1.29	3.66	4.18	10.40	8.36	3.53	1.90	0.60	0.35	0.24	0.24	
18	0.55	1.15	3.53	3.79	8.90	6.92	3.18	1.82	0.60	0.30	0.21	0.24	
19	0.60	0.94	2.63	3.29	8.72	22.11	2.63	1.82	0.60	0.27	0.24	0.27	
20	0.65	0.94	3.18	3.53	10.20	14.69	2.74	1.74	0.60	0.30	0.24	0.24	
21	0.70	0.80	3.79	4.05	6.74	10.20	2.52	1.74	0.65	0.30	0.21	0.24	
22	0.65	0.75	3.66	6.38	5.00	7.46	2.30	1.66	0.65	0.30	0.24	0.21	
23	0.60	0.80	11.00	6.20	4.85	15.84	2.14	1.66	0.60	0.18	0.21	0.27	
24	0.55	0.87	7.28	8.72	4.18	12.24	1.98	1.58	0.60	0.21	0.24	0.21	
25	0.60	0.87	12.02	6.74	3.79	10.00	1.98	1.58	0.60	0.18	0.24	0.21	
26	0.55	0.94	6.92	13.56	3.53	7.46	1.98	1.50	0.60	0.27	0.24	0.21	
27	0.50	0.80	6.05	24.28	3.29	8.18	1.98	1.50	0.60	0.27	0.21	0.21	
28	0.45	0.75	4.57	17.98	3.18	9.26	1.82	1.43	0.65	0.27	0.27	0.21	
29	0.40	0.65	10.00	10.40	3.29	7.82	1.82	1.43	0.60	0.30		1.29	
30	0.40	2.30	6.56	9.80	4.57	7.10	1.74	1.36	0.60	0.27		0.18	
31		1.74		12.46	3.66		1.66		0.60	0.30		0.21	
Total	18.38	29.14	164.31	300.53	344.03	299.98	112.05	73.81	22.99	15.91	6.69	8.19	1396.01 CMSDAY
Mean	0.61	0.94	5.48	9.69	11.10	10.00	3.61	2.46	0.74	0.51	0.24	0.26	3.82 CMS
Max	0.94	2.30	13.34	24.28	40.84	53.60	12.24	8.90	1.08	0.87	0.30	1.29	53.60 CMS
Min	0.40	0.40	1.82	3.29	3.18	3.40	1.66	1.36	0.60	0.18	0.18	0.18	0.18 CMS
Runoff	1.59	2.52	14.20	25.97	29.72	25.92	9.68	6.38	1.99	1.38	0.58	0.71	120.62 MCM
Momentary Peak	92.40	CMS, at 34.25 m. (MSL), at 12.00 Hours, on Sep 14, 2005											
Runoff Yield	65.46	Liters/Second/Square KM. Momentary Peak Yield 1581.379 Liters/Second/Square KM.											

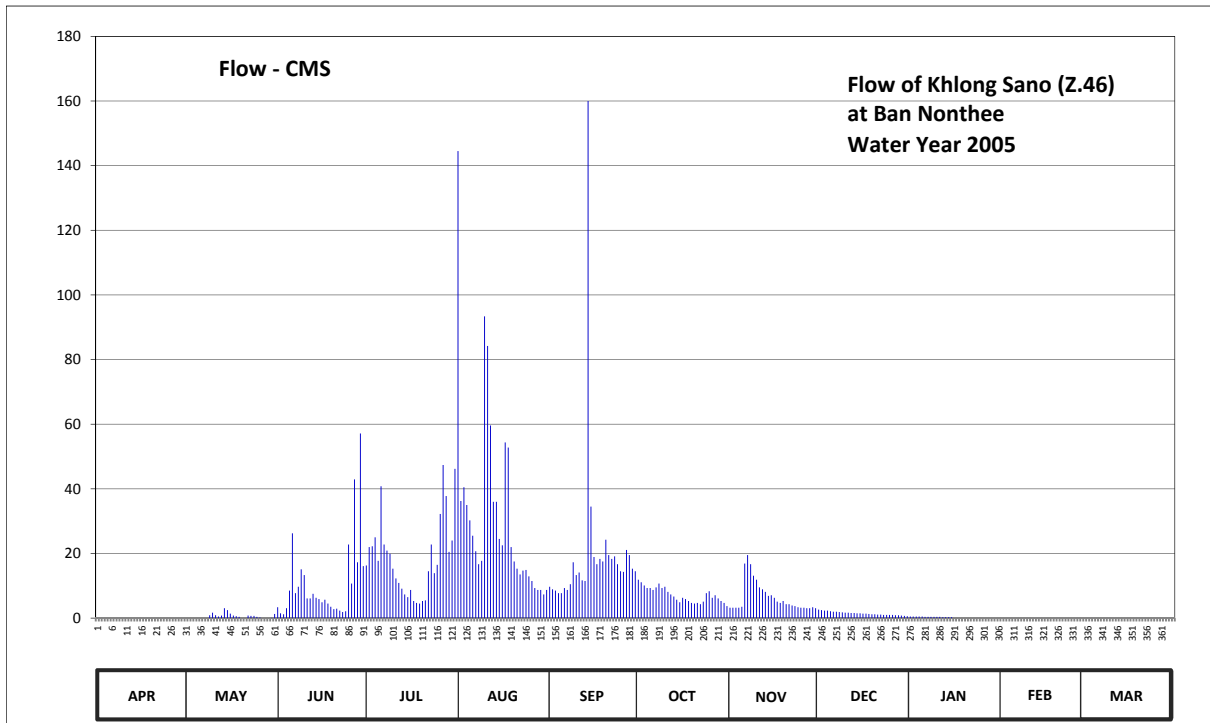
WATER YEAR : 2005
EAST COAST - GULF BASIN
Khlong Sano at Ban Nonthee , Trat (Z.46)
 Lat 12 - 31 - 05 N Long 102 - 35 - 00 E

Location : on right bank at Ban Nonthee.

	Ban Nonthee	Amphoe Bo Rai	Changwat Trat
Drainage Area	92 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+20.128 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 50 meters from the top staff gage.		Elevation +27.928 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	2000 to date		
Rated by Flot	-		
Rated by Current Meter	2000 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.08	19.76	20.09	20.74	24.38	20.41	20.52	20.08	20.04	19.85	20.72	19.82	
2	20.81	19.75	19.95	21.02	21.59	20.37	20.48	20.08	20.03	19.85	20.71	19.93	
3	20.25	19.74	19.92	21.03	21.75	20.35	20.43	20.08	20.02	19.85	20.73	19.89	
4	20.20	19.73	20.07	21.14	21.54	20.31	20.39	20.08	20.02	19.85	20.72	19.86	
5	21.15	19.73	20.35	20.81	21.35	20.31	20.39	20.10	20.01	19.85	20.70	19.82	
6	21.13	19.72	21.19	21.76	21.16	20.39	20.36	20.77	20.00	19.84	20.69	19.83	
7	21.07	19.70	20.31	21.05	20.96	20.36	20.40	20.90	20.00	19.84	20.67	19.81	
8	21.09	19.70	20.41	20.97	20.76	20.45	20.46	20.76	19.99	19.84	20.67	19.80	
9	21.64	19.89	20.68	20.92	20.81	20.79	20.39	20.58	19.98	19.84	20.68	19.79	
10	21.57	19.97	20.59	20.69	23.26	20.59	20.41	20.52	19.97	19.84	20.70	19.78	
11	21.44	19.89	20.23	20.54	23.03	20.63	20.33	20.40	19.97	19.84	20.69	19.77	
12	21.36	19.85	20.23	20.47	22.36	20.51	20.29	20.37	19.96	19.83	20.69	19.77	
13	21.33	19.88	20.30	20.38	21.58	20.50	20.26	20.33	19.96	19.83	20.69	19.77	
14	21.45	20.07	20.24	20.29	21.58	24.69	20.21	20.27	19.95	19.83	20.69	19.79	
15	22.11	20.03	20.22	20.25	21.12	21.52	20.17	20.28	19.95	19.83	20.01	19.79	
16	19.96	19.94	20.17	20.36	21.04	20.87	20.24	20.24	19.94	19.85	19.99	19.78	
17	19.94	19.88	20.21	20.19	22.21	20.76	20.22	20.18	19.94	19.89	20.05	19.78	
18	19.88	19.86	20.15	20.16	22.16	20.84	20.19	20.16	19.93	20.19	20.25	19.77	
19	19.82	19.84	20.10	20.15	21.02	20.80	20.16	20.19	19.92	20.99	20.00	19.77	
20	19.81	19.80	20.05	20.19	20.80	21.11	20.15	20.14	19.92	20.90	19.92	19.76	
21	19.80	19.77	20.06	20.20	20.69	20.90	20.16	20.14	19.91	20.87	19.88	19.76	
22	19.76	19.88	20.02	20.65	20.60	20.84	20.14	20.12	19.91	21.02	19.87	19.77	
23	19.73	19.87	19.99	21.05	20.66	20.88	20.18	20.11	19.90	21.28	19.86	19.79	
24	19.71	19.87	20.01	20.62	20.67	20.76	20.31	20.09	19.90	20.84	19.83	19.78	
25	19.71	19.84	21.05	20.75	20.57	20.65	20.34	20.08	19.90	20.77	19.82	19.78	
26	19.70	19.82	20.46	21.43	20.50	20.64	20.24	20.08	19.90	20.75	19.81	19.77	
27	19.72	19.80	21.83	21.98	20.39	20.98	20.28	20.07	19.89	20.79	19.81	19.77	
28	19.71	19.78	20.79	21.65	20.36	20.90	20.23	20.07	19.89	20.75	19.83	19.76	
29	19.71	19.78	22.29	20.95	20.36	20.69	20.19	20.09	19.88	20.73		19.76	
30	19.71	19.81	20.73	21.10	20.29	20.65	20.16	20.07	19.87	20.78		19.76	
31		19.93		21.94	20.36		20.11		19.86	20.78		19.79	
Mean	20.48	19.83	20.42	20.82	21.29	20.82	20.28	20.25	19.95	20.28	20.31	19.79	
Max	22.11	20.07	22.29	21.98	24.38	24.69	20.52	20.90	20.04	21.28	20.73	19.93	24.69
Min	19.70	19.70	19.92	20.15	20.29	20.31	20.11	20.07	19.86	19.83	19.81	19.76	19.70
Annual Max Momentary Gage Height	26.43		m. (MSL.) ,				at 12.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation	20.13		m. (MSL.) ,			River Bed	18.97	m. (MSL.)					
Left Bank Elevation		28.10		m. (MSL.) ,									
Right Bank Elevation		26.97		m. (MSL.) ,		Drainage Are	92	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	3.35	16.30	144.50	9.70	11.90	3.20	2.60	0.50	0.00	0.00	
2	0.00	0.00	1.50	22.00	36.25	8.90	11.10	3.20	2.45	0.50	0.00	0.00	
3	0.00	0.00	1.20	22.25	40.50	8.50	10.10	3.20	2.30	0.50	0.00	0.00	
4	0.00	0.00	3.05	25.00	35.00	7.70	9.30	3.20	2.30	0.50	0.00	0.00	
5	0.00	0.00	8.50	17.70	30.25	7.70	9.30	3.50	2.15	0.50	0.00	0.00	
6	0.00	0.00	26.25	40.80	25.50	9.30	8.70	16.90	2.00	0.40	0.00	0.00	
7	0.00	0.00	7.70	22.75	20.70	8.70	9.50	19.50	2.00	0.40	0.00	0.00	
8	0.00	0.00	9.70	20.90	16.70	10.50	10.70	16.70	1.90	0.40	0.00	0.00	
9	0.00	0.90	15.10	19.90	17.70	17.30	9.30	13.10	1.80	0.40	0.00	0.00	
10	0.00	1.70	13.30	15.30	93.40	13.30	9.70	11.90	1.70	0.40	0.00	0.00	
11	0.00	0.90	6.10	12.30	84.20	14.10	8.10	9.50	1.70	0.40	0.00	0.00	
12	0.00	0.50	6.10	10.90	59.60	11.70	7.30	8.90	1.60	0.30	0.00	0.00	
13	0.00	0.80	7.50	9.10	36.00	11.50	6.70	8.10	1.60	0.30	0.00	0.00	
14	0.00	3.05	6.30	7.30	36.00	160.00	5.70	6.90	1.50	0.30	0.00	0.00	
15	0.00	2.45	5.90	6.50	24.50	34.50	4.90	7.10	1.50	0.30	0.00	0.00	
16	0.00	1.40	4.90	8.70	22.50	18.90	6.30	6.30	1.40	0.00	0.00	0.00	
17	0.00	0.80	5.70	5.30	54.35	16.70	5.90	5.10	1.40	0.00	0.00	0.00	
18	0.00	0.60	4.50	4.70	52.80	18.30	5.30	4.70	1.30	0.00	0.00	0.00	
19	0.00	0.40	3.50	4.50	22.00	17.50	4.70	5.30	1.20	0.00	0.00	0.00	
20	0.00	0.00	2.75	5.30	17.50	24.25	4.50	4.30	1.20	0.00	0.00	0.00	
21	0.00	0.00	2.90	5.50	15.30	19.50	4.70	4.30	1.10	0.00	0.00	0.00	
22	0.00	0.80	2.30	14.50	13.50	18.30	4.30	3.90	1.10	0.00	0.00	0.00	
23	0.00	0.70	1.90	22.75	14.70	19.10	5.10	3.70	1.00	0.00	0.00	0.00	
24	0.00	0.70	2.15	13.90	14.90	16.70	7.70	3.35	1.00	0.00	0.00	0.00	
25	0.00	0.40	22.75	16.50	12.90	14.50	8.30	3.20	1.00	0.00	0.00	0.00	
26	0.00	0.20	10.70	32.25	11.50	14.30	6.30	3.20	1.00	0.00	0.00	0.00	
27	0.00	0.00	42.90	47.40	9.30	21.10	7.10	3.05	0.90	0.00	0.00	0.00	
28	0.00	0.00	17.30	37.75	8.70	19.50	6.10	3.05	0.90	0.00	0.00	0.00	
29	0.00	0.00	57.15	20.50	8.70	15.30	5.30	3.35	0.80	0.00	0.00	0.00	
30	0.00	0.10	16.10	24.00	7.30	14.50	4.70	3.05	0.70	0.00	0.00	0.00	
31		1.30		46.20	8.70		3.70		0.60	0.00		0.00	
Total	0.00	17.70	319.05	578.75	995.45	601.85	222.30	194.75	45.70	6.10	0.00	0.00	2981.65 CMSDAY
Mean	0.00	0.57	10.64	18.67	32.11	20.06	7.17	6.49	1.47	0.20	0.00	0.00	8.17 CMS
Max	0.00	3.05	57.15	47.40	144.50	160.00	11.90	19.50	2.60	0.50	0.00	0.00	160.00 CMS
Min	0.00	0.00	1.20	4.50	7.30	7.70	3.70	3.05	0.60	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	1.53	27.57	50.00	86.01	52.00	19.21	16.83	3.95	0.53	0.00	0.00	257.62 MCM
Momentary Peak	251.68	CMS, at 26.43 m. (MSL), at 12.00 Hours, on Sep 14, 2005											
Runoff Yield	88.49	Liters/Second/Square KM. Momentary Peak Yield 2726,465 Liters/Second/Square KM.											

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlong Chanthi at Ban Khlong Khwang , Trat (Z.47)

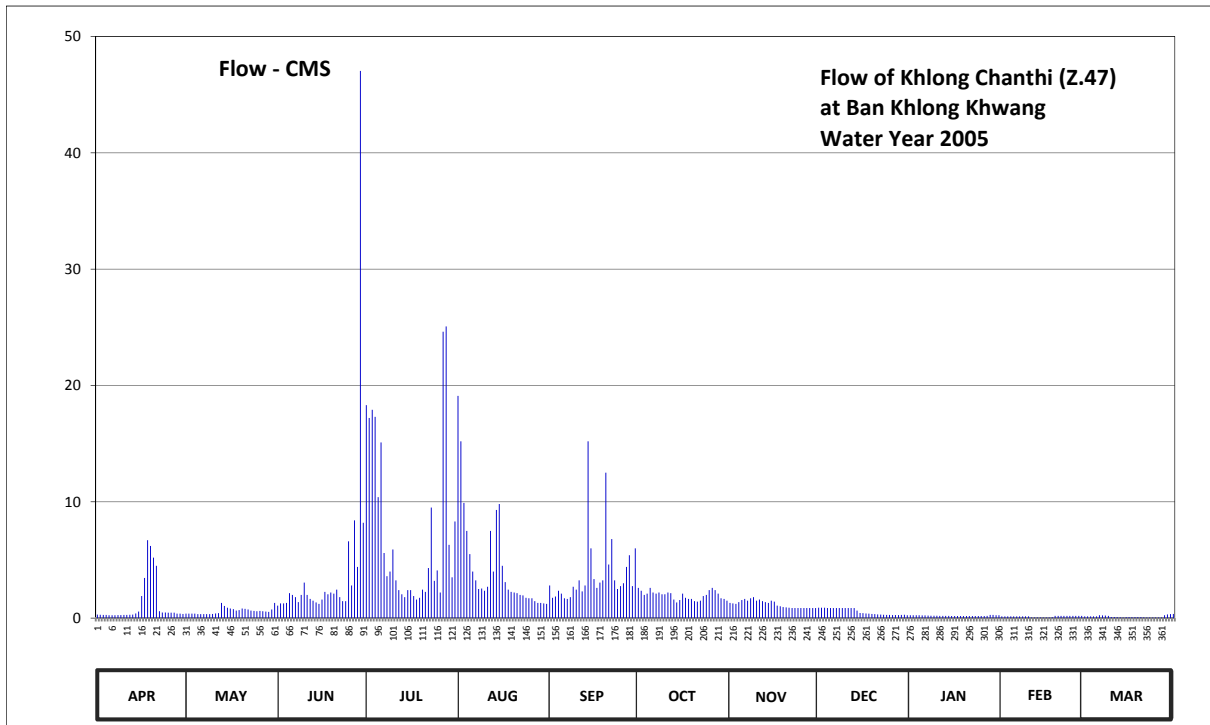
Lat 12 - 20 - 00 N Long 102 - 38 - 37 E

Location : on left bank at Ban Khlong Khwang, Tambon Tha Kum.

	Ban Khlong Khwang	Amphoe Mueang	Changwat Trat
Drainage Area	27 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+7.850 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20 meters from the top staff gage.	Elevation	+12.782 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	2000 to date		
Rated by Flot	-		
Rated by Current Meter	2000 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +12.770 m.(M.S.L.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 33 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.60	8.64	8.89	10.88	10.96	9.26	9.22	8.95	8.83	8.55	8.45	8.45	
2	8.59	8.64	8.94	10.77	10.57	9.05	9.17	8.94	8.83	8.55	8.45	8.45	
3	8.58	8.64	8.94	10.84	10.04	9.07	9.10	8.93	8.83	8.54	8.45	8.45	
4	8.57	8.64	8.95	10.78	9.80	9.17	9.12	8.97	8.82	8.54	8.45	8.45	
5	8.55	8.62	9.13	10.09	9.60	9.12	9.22	9.01	8.82	8.53	8.45	8.45	
6	8.55	8.62	9.10	10.56	9.45	9.04	9.14	9.03	8.82	8.53	8.45	8.54	
7	8.55	8.62	9.06	9.61	9.35	9.03	9.12	9.00	8.82	8.52	8.45	8.53	
8	8.56	8.62	8.97	9.41	9.20	9.06	9.14	9.04	8.82	8.50	8.45	8.52	
9	8.56	8.62	9.10	9.45	9.21	9.24	9.11	9.06	8.82	8.50	8.45	8.49	
10	8.58	8.63	9.31	9.64	9.17	9.19	9.11	9.00	8.82	8.50	8.45	8.40	
11	8.58	8.65	9.10	9.35	9.24	9.35	9.14	9.02	8.82	8.49	8.35	8.39	
12	8.59	8.66	9.03	9.18	9.80	9.16	9.13	8.99	8.82	8.49	8.35	8.38	
13	8.60	8.95	9.00	9.11	9.45	9.26	9.02	8.97	8.82	8.49	8.35	8.37	
14	8.65	8.88	8.96	9.06	9.98	10.57	8.96	8.95	8.75	8.49	8.35	8.36	
15	8.72	8.83	8.93	9.18	10.03	9.65	9.01	9.00	8.67	8.48	8.35	8.38	
16	9.08	8.81	9.02	9.18	9.50	9.37	9.12	8.98	8.66	8.48	8.35	8.38	
17	9.39	8.79	9.15	9.08	9.32	9.22	9.05	8.89	8.65	8.48	8.35	8.38	
18	9.72	8.75	9.11	9.02	9.19	9.31	9.03	8.87	8.64	8.48	8.38	8.38	
19	9.67	8.76	9.14	9.05	9.15	9.35	9.03	8.85	8.63	8.48	8.49	8.38	
20	9.57	8.81	9.12	9.19	9.14	10.30	8.99	8.84	8.62	8.48	8.49	8.38	
21	9.50	8.80	9.19	9.15	9.13	9.51	8.98	8.83	8.61	8.48	8.49	8.37	
22	8.73	8.78	9.06	9.48	9.10	9.73	9.00	8.82	8.60	8.48	8.49	8.36	
23	8.69	8.75	8.99	10.00	9.09	9.35	9.08	8.82	8.59	8.48	8.49	8.35	
24	8.69	8.74	8.99	9.34	9.05	9.20	9.10	8.82	8.58	8.48	8.49	8.35	
25	8.68	8.73	9.71	9.46	9.04	9.25	9.18	8.82	8.57	8.48	8.49	8.35	
26	8.68	8.74	9.26	9.14	9.04	9.30	9.22	8.82	8.56	8.48	8.49	8.35	
27	8.68	8.73	9.89	11.37	8.99	9.49	9.18	8.82	8.56	8.49	8.49	8.35	
28	8.64	8.72	9.49	11.40	8.95	9.59	9.12	8.82	8.56	8.57	8.49	8.55	
29	8.64	8.71	12.84	9.68	8.95	9.25	9.04	8.82	8.58	8.58		8.61	
30	8.63	8.78	9.87	9.40	8.94	9.65	9.03	8.82	8.59	8.55		8.62	
31		8.95		9.88	8.93		9.00		8.55	8.55		8.63	
Mean	8.79	8.73	9.27	9.73	9.40	9.37	9.09	8.92	8.70	8.51	8.44	8.43	
Max	9.72	8.95	12.84	11.40	10.96	10.57	9.22	9.06	8.83	8.58	8.49	8.63	12.84
Min	8.55	8.62	8.89	9.02	8.93	9.03	8.96	8.82	8.55	8.48	8.35	8.35	8.35
Annual Max Momentary Gage Height	13.55		m. (MSL.) ,				at 15.00 Hours, on Jun 29, 2005						
Zero Gage at Bottom Elevation	7.85		m. (MSL.) ,			River Bed	8.23	m. (MSL.)					
Left Bank Elevation		12.80	m. (MSL.) ,										
Right Bank Elevation		12.77	m. (MSL.) ,			Drainage Are	27	Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.38	1.07	18.30	19.10	2.80	2.60	1.30	0.89	0.25	0.15	0.15	
2	0.29	0.38	1.26	17.20	15.20	1.75	2.35	1.26	0.89	0.25	0.15	0.15	
3	0.28	0.38	1.26	17.90	9.90	1.85	2.00	1.22	0.89	0.24	0.15	0.15	
4	0.27	0.38	1.30	17.30	7.50	2.35	2.10	1.38	0.86	0.24	0.15	0.15	
5	0.25	0.34	2.15	10.40	5.50	2.10	2.60	1.55	0.86	0.23	0.15	0.15	
6	0.25	0.34	2.00	15.10	4.00	1.70	2.20	1.65	0.86	0.23	0.15	0.24	
7	0.25	0.34	1.80	5.60	3.25	1.65	2.10	1.50	0.86	0.22	0.15	0.23	
8	0.26	0.34	1.38	3.60	2.50	1.80	2.20	1.70	0.86	0.20	0.15	0.22	
9	0.26	0.34	2.00	4.00	2.55	2.70	2.05	1.80	0.86	0.20	0.15	0.19	
10	0.28	0.36	3.05	5.90	2.35	2.45	2.05	1.50	0.86	0.20	0.15	0.10	
11	0.28	0.40	2.00	3.25	2.70	3.25	2.20	1.60	0.86	0.19	0.05	0.09	
12	0.29	0.42	1.65	2.40	7.50	2.30	2.15	1.46	0.86	0.19	0.05	0.08	
13	0.30	1.30	1.50	2.05	4.00	2.80	1.60	1.38	0.86	0.19	0.05	0.07	
14	0.40	1.04	1.34	1.80	9.30	15.20	1.34	1.30	0.65	0.19	0.05	0.06	
15	0.56	0.89	1.22	2.40	9.80	6.00	1.55	1.50	0.44	0.18	0.05	0.08	
16	1.90	0.83	1.60	2.40	4.50	3.35	2.10	1.42	0.42	0.18	0.05	0.08	
17	3.45	0.77	2.25	1.90	3.10	2.60	1.75	1.07	0.40	0.18	0.05	0.08	
18	6.70	0.65	2.05	1.60	2.45	3.05	1.65	1.01	0.38	0.18	0.08	0.08	
19	6.20	0.68	2.20	1.75	2.25	3.25	1.65	0.95	0.36	0.18	0.19	0.08	
20	5.20	0.83	2.10	2.45	2.20	12.50	1.46	0.92	0.34	0.18	0.19	0.08	
21	4.50	0.80	2.45	2.25	2.15	4.60	1.42	0.89	0.32	0.18	0.19	0.07	
22	0.59	0.74	1.80	4.30	2.00	6.80	1.50	0.86	0.30	0.18	0.19	0.06	
23	0.48	0.65	1.46	9.50	1.95	3.25	1.90	0.86	0.29	0.18	0.19	0.05	
24	0.48	0.62	1.46	3.20	1.75	2.50	2.00	0.86	0.28	0.18	0.19	0.05	
25	0.46	0.59	6.60	4.10	1.70	2.75	2.40	0.86	0.27	0.18	0.19	0.05	
26	0.46	0.62	2.80	2.20	1.70	3.00	2.60	0.86	0.26	0.18	0.19	0.05	
27	0.46	0.59	8.40	24.62	1.46	4.40	2.40	0.86	0.26	0.19	0.19	0.05	
28	0.38	0.56	4.40	25.07	1.30	5.40	2.10	0.86	0.26	0.27	0.19	0.25	
29	0.38	0.53	47.03	6.30	1.30	2.75	1.70	0.86	0.28	0.28		0.32	
30	0.36	0.74	8.20	3.50	1.26	6.00	1.65	0.86	0.29	0.25		0.34	
31		1.30		8.30	1.22		1.50		0.25	0.25		0.36	
Total	36.52	19.13	119.78	230.64	137.44	116.90	60.87	36.10	17.32	6.42	3.83	4.16	789.11 CMSDAY
Mean	1.22	0.62	3.99	7.44	4.43	3.90	1.96	1.20	0.56	0.21	0.14	0.13	2.16 CMS
Max	6.70	1.30	47.03	25.07	19.10	15.20	2.60	1.80	0.89	0.28	0.19	0.36	47.03 CMS
Min	0.25	0.34	1.07	1.60	1.22	1.65	1.34	0.86	0.25	0.18	0.05	0.05	0.05 CMS
Runoff	3.16	1.65	10.35	19.93	11.88	10.10	5.26	3.12	1.50	0.56	0.33	0.36	68.18 MCM
Momentary Peak	60.00	CMS, at 13.55 m. (MSL), at 15.00 Hours, on Jun 29, 2005											
Runoff Yield	80.07	Liters/Second/Square KM. Momentary Peak Yield 2222.222 Liters/Second/Square KM.											

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlong Pran Bun at Ban Khlong Yai Tai , Chanthaburi (Z.52)

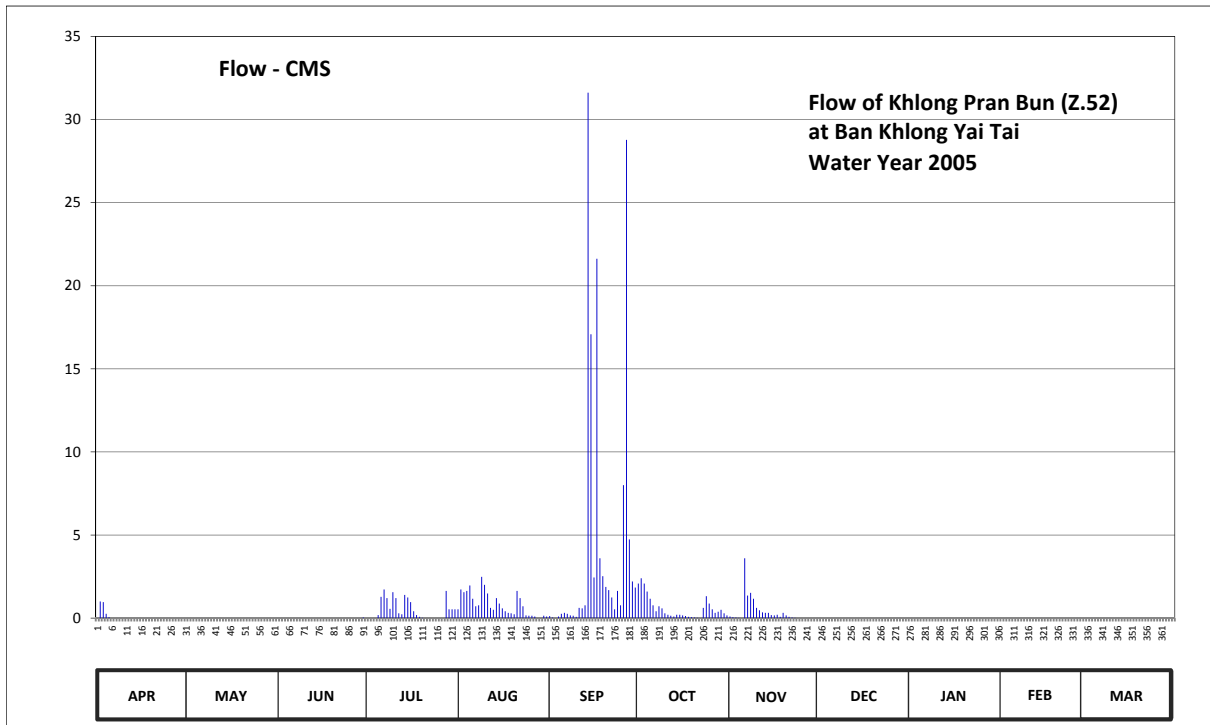
Lat 13 - 05 - 10 N Long 101 - 56 - 25 E

Location : on left bank at Ban Khlong Yai Tai.

	Ban Khlong Yai Tai	Amphoe Kaeng Hang Maeo	Changwat Chanthaburi
Drainage Area	60 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+37.740 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation +42.415 m. (MSL.)	
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2001 to date		
Rating Operation			
Period of Rating	2001 to date		
Rated by Flot	-		
Rated by Current Meter	2001 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 20 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	38.57	38.39	38.33	38.57	38.81	38.66	39.22	38.65	39.18	39.00	38.67	38.79	
2	38.95	38.41	38.33	38.47	39.13	38.62	39.30	38.63	39.16	38.99	38.66	38.77	
3	38.94	38.41	38.33	38.46	39.09	38.60	39.22	38.62	39.14	38.98	38.65	38.74	
4	38.72	38.41	38.33	38.55	39.11	38.65	39.10	38.61	39.14	38.97	38.65	38.72	
5	38.63	38.40	38.33	38.69	39.19	38.72	38.99	38.60	39.14	38.95	38.64	38.71	
6	38.48	38.39	38.33	39.02	38.99	38.74	38.89	39.55	39.14	38.94	38.64	38.70	
7	38.48	38.39	38.33	39.13	38.87	38.72	38.77	39.04	39.13	38.94	38.64	38.70	
8	38.48	38.39	38.33	39.00	38.89	38.68	38.87	39.08	39.12	38.92	38.63	38.69	
9	38.48	38.39	38.33	38.82	39.32	38.67	38.83	38.99	39.10	38.90	38.63	38.69	
10	38.48	38.39	38.33	39.09	39.20	38.64	38.73	38.84	39.09	38.89	38.63	38.68	
11	38.48	38.39	38.34	39.00	39.07	38.84	38.70	38.79	39.09	38.87	38.63	38.68	
12	38.48	38.44	38.36	38.73	38.84	38.83	38.67	38.75	39.08	38.86	38.64	38.64	
13	38.47	38.43	38.38	38.71	38.80	38.89	38.65	38.74	39.08	38.84	38.85	38.64	
14	38.47	38.42	38.38	39.05	39.00	41.81	38.70	38.74	39.08	38.82	39.24	38.64	
15	38.47	38.41	38.39	39.01	38.92	41.06	38.70	38.69	39.08	38.81	39.24	38.64	
16	38.47	38.41	38.39	38.94	38.83	39.31	38.68	38.68	39.08	38.80	39.21	38.63	
17	38.47	38.40	38.40	38.77	38.77	41.36	38.66	38.70	39.07	38.79	39.20	38.63	
18	38.46	38.39	38.41	38.69	38.74	39.55	38.64	38.64	39.06	38.78	39.13	38.63	
19	38.46	38.38	38.42	38.64	38.73	39.33	38.63	38.74	39.04	38.77	39.08	38.63	
20	38.46	38.38	38.42	38.61	38.71	39.17	38.62	38.68	39.02	38.76	39.04	38.63	
21	38.45	38.37	38.43	38.59	39.11	39.12	38.61	38.64	38.98	38.74	39.00	38.61	
22	38.45	38.37	38.43	38.58	39.00	39.01	38.60	38.62	38.92	38.73	38.97	38.60	
23	38.44	38.37	38.50	38.57	38.87	38.81	38.84	38.61	38.91	38.72	38.93	38.59	
24	38.44	38.36	38.48	38.56	38.68	39.11	39.03	38.87	38.88	38.71	38.88	38.58	
25	38.43	38.35	38.52	38.56	38.67	38.89	38.92	39.07	38.87	38.71	38.84	38.57	
26	38.42	38.35	38.56	38.55	38.67	40.20	38.81	39.19	38.86	38.70	38.81	38.57	
27	38.41	38.34	38.57	38.54	38.65	41.71	38.74	39.22	38.86	38.70	38.80	38.55	
28	38.40	38.33	38.59	39.11	38.60	39.74	38.76	39.22	39.37	38.69	38.79	38.55	
29	38.40	38.34	38.58	38.81	38.58	39.25	38.80	39.18	39.28	38.68		38.54	
30	38.40	38.34	38.62	38.81	38.67	39.16	38.73	39.18	39.19	38.68		38.57	
31		38.34		38.81	38.65		38.68		39.12	38.67		38.58	
Mean	38.50	38.38	38.42	38.76	38.88	39.33	38.81	38.85	39.07	38.82	38.85	38.64	
Max	38.95	38.44	38.62	39.13	39.32	41.81	39.30	39.55	39.37	39.00	39.24	38.79	41.81
Min	38.40	38.33	38.33	38.46	38.58	38.60	38.60	38.60	38.86	38.67	38.63	38.54	38.33
Annual Max Momentary Gage Height	42.31		m. (MSL.) ,				at 18.00 Hours, on Sep 14, 2005						
Zero Gage at Bottom Elevation	37.74		m. (MSL.) ,			River Bed	38.36	m. (MSL.)					
Left Bank Elevation		43.19		m. (MSL.) ,									
Right Bank Elevation		43.13		m. (MSL.) ,		Drainage Are	60	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.53	0.12	2.08	0.10	0.00	0.00	0.00	0.00	
2	1.00	0.00	0.00	0.00	1.72	0.04	2.40	0.06	0.00	0.00	0.00	0.00	
3	0.96	0.00	0.00	0.00	1.56	0.00	2.08	0.04	0.00	0.00	0.00	0.00	
4	0.26	0.00	0.00	0.00	1.64	0.10	1.60	0.02	0.00	0.00	0.00	0.00	
5	0.06	0.00	0.00	0.18	1.96	0.26	1.16	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	1.28	1.16	0.32	0.77	3.60	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	1.72	0.71	0.26	0.41	1.36	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	1.20	0.77	0.16	0.71	1.52	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.56	2.48	0.14	0.59	1.16	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	1.56	2.00	0.08	0.29	0.62	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	1.20	1.48	0.62	0.20	0.47	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.29	0.62	0.59	0.14	0.35	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.23	0.50	0.77	0.10	0.32	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	1.40	1.20	31.62	0.20	0.32	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	1.24	0.88	17.08	0.20	0.18	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.96	0.59	2.44	0.16	0.16	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.41	0.41	21.62	0.12	0.20	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.18	0.32	3.60	0.08	0.08	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.08	0.29	2.52	0.06	0.32	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.02	0.23	1.88	0.04	0.16	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	1.64	1.68	0.02	0.08	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	1.20	1.24	0.00	0.04	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.71	0.53	0.62	0.02	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.16	1.64	1.32	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.14	0.77	0.88	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.14	8.00	0.53	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.10	28.78	0.32	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	1.64	0.00	4.74	0.38	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.53	0.00	2.20	0.50	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.04	0.53	0.14	1.84	0.29	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.53	0.10	0.00	0.16	0.00	0.00	0.00	0.00	0.00	
Total	2.28	0.00	0.04	15.74	25.38	135.64	18.41	11.18	0.00	0.00	0.00	0.00	208.67 CMSDAY
Mean	0.08	0.00	0.00	0.51	0.82	4.52	0.59	0.37	0.00	0.00	0.00	0.00	0.57 CMS
Max	1.00	0.00	0.04	1.72	2.48	31.62	2.40	3.60	0.00	0.00	0.00	0.00	31.62 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.20	0.00	0.00	1.36	2.19	11.72	1.59	0.97	0.00	0.00	0.00	0.00	18.03 MCM
Momentary Peak	53.73	CMS, at 42.31 m. (MSL.), at 18.00 Hours, on Sep 14, 2005											
Runoff Yield	9.53	Liters/Second/Square KM.		Momentary Peak Yield		895.500	Liters/Second/Square KM.						

WATER YEAR : 2005

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Song Phi Nong , Phetchaburi (B.3A)

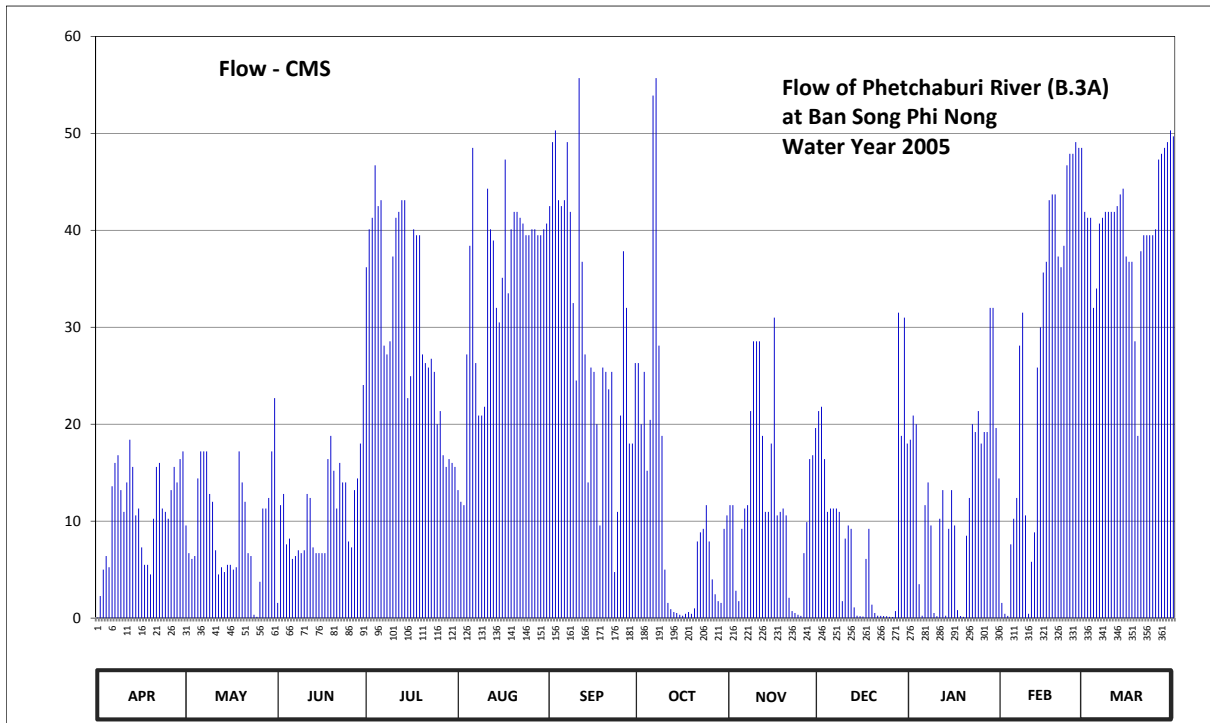
Lat 12 - 51 - 47 N Long 99 - 40 - 42 E

Location : on left bank at Ban Song Phi Nong.

	Ban	Song Phi Nong	Amphoe	Kaeng Krachan	Changwat	Phetchaburi
Drainage Area	2,220	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+41.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 24 meters from the top staff gage.				Elevation	+50.534 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1930 - 1942 , 1954 to date					
Rating Operation						
Period of Rating	1954 - 1959 , 1968 to date					
Rated by Flot	-					
Rated by Current Meter	1954 - 1959 , 1968 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow regulated by Kaeng Krachan Reservoir. Stage-discharge relation defined by 46 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.25	41.83	41.52	42.44	41.93	42.55	42.24	41.89	42.13	42.06	41.52	42.54	
2	41.56	41.74	41.89	42.51	41.90	42.66	42.10	41.89	42.14	42.12	41.42	42.53	
3	41.68	41.72	41.92	42.53	41.89	42.68	42.22	41.59	42.01	42.10	41.39	42.53	
4	41.73	41.73	41.77	42.62	42.26	42.56	41.98	41.53	41.87	41.62	41.77	42.36	
5	41.69	41.96	41.79	42.55	42.48	42.55	42.11	41.82	41.88	41.40	41.85	42.40	
6	41.94	42.03	41.72	42.56	42.65	42.56	42.74	41.88	41.88	41.89	41.91	42.52	
7	42.00	42.03	41.73	42.28	42.24	42.66	42.77	41.89	41.88	41.95	42.28	42.53	
8	42.02	42.03	41.75	42.26	42.12	42.54	42.28	42.13	41.87	41.83	42.35	42.54	
9	41.93	41.92	41.74	42.29	42.12	42.37	42.07	42.29	41.53	41.43	41.86	42.54	
10	41.87	41.90	41.75	42.46	42.14	42.20	41.68	42.29	41.79	41.37	41.42	42.54	
11	41.95	41.75	41.92	42.53	42.58	42.77	41.52	42.29	41.83	41.85	41.71	42.54	
12	42.06	41.66	41.91	42.54	42.51	42.45	41.47	42.07	41.82	41.93	41.81	42.55	
13	41.99	41.69	41.76	42.56	42.49	42.26	41.44	41.87	41.49	41.40	42.23	42.57	
14	41.86	41.67	41.74	42.56	42.36	41.95	41.43	41.87	41.40	41.82	42.32	42.58	
15	41.88	41.70	41.74	42.16	42.33	42.23	41.41	42.05	41.36	41.93	42.43	42.46	
16	41.76	41.70	41.74	42.21	42.42	42.22	41.40	42.34	41.35	41.83	42.45	42.45	
17	41.70	41.68	41.74	42.51	42.63	42.10	41.42	41.86	41.72	41.46	42.56	42.45	
18	41.70	41.69	42.01	42.50	42.39	41.83	41.44	41.87	41.82	41.38	42.57	42.29	
19	41.66	42.03	42.07	42.50	42.51	42.23	41.42	41.88	41.51	41.32	42.57	42.07	
20	41.85	41.95	41.98	42.26	42.54	42.22	41.48	41.86	41.43	41.80	42.46	42.47	
21	41.99	41.90	41.88	42.24	42.54	42.18	41.78	41.55	41.40	41.91	42.44	42.50	
22	42.00	41.74	42.00	42.23	42.53	42.22	41.81	41.45	41.39	42.10	42.48	42.50	
23	41.88	41.73	41.95	42.25	42.52	41.67	41.82	41.43	41.38	42.08	42.62	42.50	
24	41.87	41.41	41.95	42.22	42.50	41.87	41.89	41.41	41.36	42.13	42.64	42.50	
25	41.85	41.32	41.78	42.10	42.50	42.12	41.78	41.39	41.32	42.05	42.64	42.51	
26	41.93	41.63	41.76	42.13	42.51	42.47	41.64	41.74	41.31	42.08	42.66	42.63	
27	41.99	41.88	41.93	42.02	42.51	42.36	41.57	41.84	41.45	42.08	42.65	42.64	
28	41.95	41.88	41.96	41.99	42.50	42.05	41.53	42.01	42.35	42.36	42.65	42.65	
29	42.01	41.91	42.05	42.01	42.50	42.05	41.52	42.02	42.07	42.36	42.66	42.66	
30	42.03	42.03	42.19	42.00	42.51	42.24	41.82	42.09	42.34	42.09	42.68	42.68	
31		42.16		41.99	42.52		41.86		42.05	41.96	42.67	42.67	
Mean	41.85	41.81	41.85	42.32	42.39	42.29	41.79	41.87	41.71	41.86	42.20	42.51	
Max	42.06	42.16	42.19	42.62	42.65	42.77	42.77	42.34	42.35	42.36	42.66	42.68	42.77
Min	41.25	41.32	41.52	41.99	41.89	41.67	41.40	41.39	41.31	41.32	41.39	42.07	41.25
Annual Max Momentary Gage Height	43.30	m. (MSL.) ,		at 08.00 Hours , on Sep 11 , 2005									
Zero Gage at Bottom Elevation	41.00	m. (MSL.) ,		River Bed 40.97 m. (MSL.)									
Left Bank Elevation		48.81	m. (MSL.) ,										
Right Bank Elevation		48.83	m. (MSL.) ,		Drainage Are	2220	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	9.55	1.56	36.20	13.20	42.50	26.30	11.65	21.35	18.40	1.56	41.90	
2	2.28	6.70	11.65	40.10	12.00	49.10	20.00	11.65	21.80	20.90	0.44	41.30	
3	5.00	6.10	12.80	41.30	11.65	50.30	25.40	2.82	16.40	20.00	0.23	41.30	
4	6.40	6.40	7.60	46.70	27.20	43.10	15.20	1.74	10.95	3.50	7.60	32.00	
5	5.25	14.40	8.20	42.50	38.40	42.50	20.45	9.20	11.30	0.25	10.25	34.00	
6	13.60	17.20	6.10	43.10	48.50	43.10	53.90	11.30	11.30	11.65	12.40	40.70	
7	16.00	17.20	6.40	28.10	26.30	49.10	55.70	11.65	11.30	14.00	28.10	41.30	
8	16.80	17.20	7.00	27.20	20.90	41.90	28.10	21.35	10.95	9.55	31.50	41.90	
9	13.20	12.80	6.70	28.55	20.90	32.50	18.80	28.55	1.74	0.53	10.60	41.90	
10	10.95	12.00	7.00	37.30	21.80	24.50	5.00	28.55	8.20	0.20	0.44	41.90	
11	14.00	7.00	12.80	41.30	44.30	55.70	1.56	28.55	9.55	10.25	5.80	41.90	
12	18.40	4.50	12.40	41.90	40.10	36.75	0.92	18.80	9.20	13.20	8.85	42.50	
13	15.60	5.25	7.30	43.10	38.95	27.20	0.63	10.95	1.11	0.25	25.85	43.70	
14	10.60	4.75	6.70	43.10	32.00	14.00	0.53	10.95	0.25	9.20	30.00	44.30	
15	11.30	5.50	6.70	22.70	30.50	25.85	0.34	18.00	0.19	13.20	35.65	37.30	
16	7.30	5.50	6.70	24.95	35.10	25.40	0.25	31.00	0.17	9.55	36.75	36.75	
17	5.50	5.00	6.70	40.10	47.30	20.00	0.44	10.60	6.10	0.82	43.10	36.75	
18	5.50	5.25	16.40	39.50	33.50	9.55	0.63	10.95	9.20	0.22	43.70	28.55	
19	4.50	17.20	18.80	39.50	40.10	25.85	0.44	11.30	1.38	0.13	43.70	18.80	
20	10.25	14.00	15.20	27.20	41.90	25.40	1.01	10.60	0.53	8.50	37.30	37.85	
21	15.60	12.00	11.30	26.30	41.90	23.60	7.90	2.10	0.25	12.40	36.20	39.50	
22	16.00	6.70	16.00	25.85	41.30	25.40	8.85	0.73	0.23	20.00	38.40	39.50	
23	11.30	6.40	14.00	26.75	40.70	4.75	9.20	0.53	0.22	19.20	46.70	39.50	
24	10.95	0.34	14.00	25.40	39.50	10.95	11.65	0.34	0.19	21.35	47.90	39.50	
25	10.25	0.13	7.90	20.00	39.50	20.90	7.90	0.23	0.13	18.00	47.90	40.10	
26	13.20	3.75	7.30	21.35	40.10	37.85	4.00	6.70	0.12	19.20	49.10	47.30	
27	15.60	11.30	13.20	16.80	40.10	32.00	2.46	9.90	0.73	19.20	48.50	47.90	
28	14.00	11.30	14.40	15.60	39.50	18.00	1.74	16.40	31.50	32.00	48.50	48.50	
29	16.40	12.40	18.00	16.40	39.50	18.00	1.56	16.80	18.80	32.00		49.10	
30	17.20	17.20	24.05	16.00	40.10	26.30	9.20	19.60	31.00	19.60		50.30	
31		22.70		15.60	40.70		10.60		18.00	14.40		49.70	
Total	332.98	297.72	324.86	960.45	1067.50	902.05	350.66	373.49	264.14	391.65	777.02	1257.50	7300.02 CMSDAY
Mean	11.10	9.60	10.83	30.98	34.44	30.07	11.31	12.45	8.52	12.63	27.75	40.56	20.00 CMS
Max	18.40	22.70	24.05	46.70	48.50	55.70	55.70	31.00	31.50	32.00	49.10	50.30	55.70 CMS
Min	0.05	0.13	1.56	15.60	11.65	4.75	0.25	0.23	0.12	0.13	0.23	18.80	0.05 CMS
Runoff	28.77	25.72	28.07	82.98	92.23	77.94	30.30	32.27	22.82	33.84	67.14	108.65	630.72 MCM
Momentary Peak	91.00 CMS. at 43.30 m. (MSL.) at 08.00 Hours , on Sep 11 , 2005												
Runoff Yield	9.01 Liters/Second/Square KM. Momentary Peak Yield 40.991 Liters/Second/Square KM.												

WATER YEAR : 2005

PHETCHABURI RIVER BASIN

Huai Phak at Ban Prong Khae , Phetchaburi (B.8A)

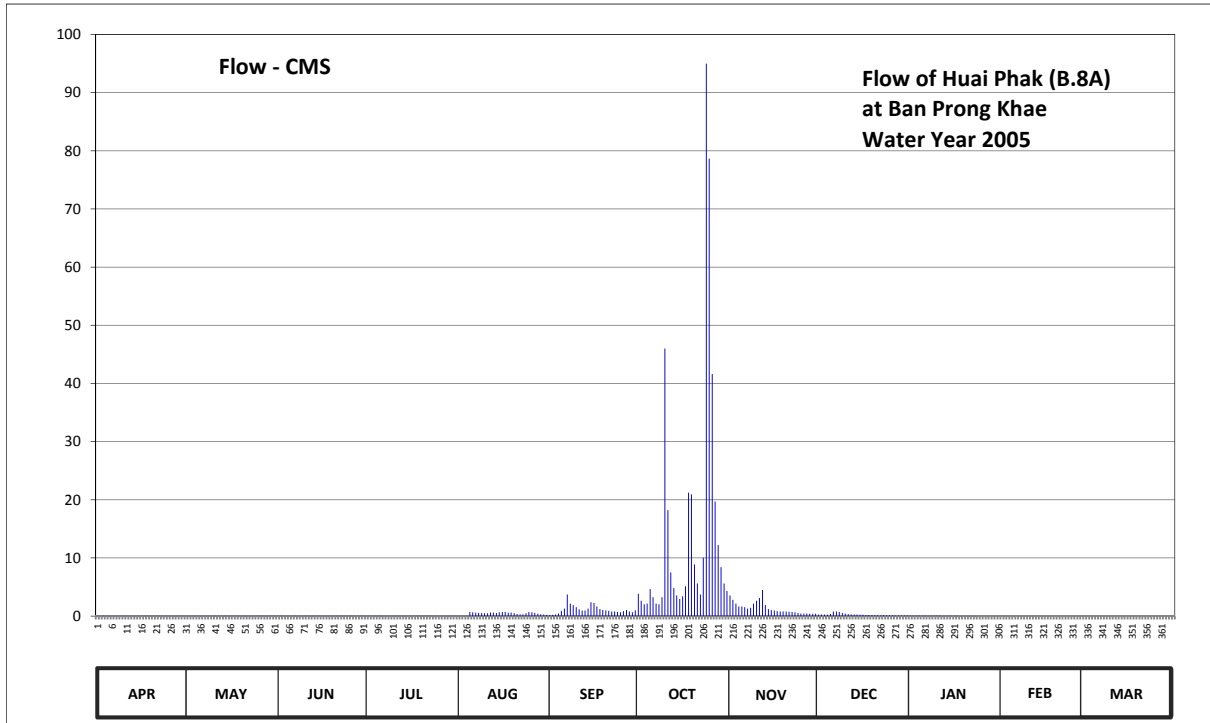
Lat 12 - 48 - 50 N Long 99 - 42 - 16 E

Location : on left bank at Ban Prong Khae.

	Ban Prong Khae	Amphoe Tha Yang	Changwat Phetchaburi
Drainage Area	301 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+39.177 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of gage observer's house.	Elevation	+51.185 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1973 to date		
Rating Operation			
Period of Rating	1973 to date		
Rated by Flot	-		
Rated by Current Meter	1973 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	39.95	39.95	39.95	39.95	39.95	40.05	40.49	40.47	40.09	39.99	39.91	39.81	
2	39.95	39.95	39.95	39.95	39.95	40.06	40.41	40.42	40.08	39.99	39.93	39.81	
3	39.95	39.95	39.95	39.95	39.95	40.09	40.36	40.37	40.08	39.98	39.91	39.81	
4	39.95	39.95	39.95	39.95	39.95	40.13	40.37	40.33	40.07	39.98	39.91	39.81	
5	39.95	39.95	39.95	39.95	40.18	40.22	40.54	40.33	40.11	39.98	39.91	39.81	
6	39.95	39.95	39.95	39.95	40.17	40.30	40.45	40.32	40.20	39.98	39.90	39.81	
7	39.95	39.95	39.95	39.95	40.16	40.48	40.37	40.30	40.20	39.98	39.90	39.81	
8	39.95	39.95	39.95	39.95	40.15	40.37	40.36	40.31	40.18	39.97	39.89	39.81	
9	39.95	39.95	39.95	39.95	40.15	40.35	40.45	40.37	40.15	39.97	39.89	39.81	
10	39.95	39.95	39.95	39.95	40.14	40.32	41.90	40.41	40.13	39.97	39.89	39.81	
11	39.95	39.95	39.95	39.95	40.14	40.27	41.12	40.44	40.11	39.97	39.89	39.81	
12	39.95	39.95	39.95	39.95	40.16	40.23	40.70	40.53	40.10	39.96	39.88	39.81	
13	39.95	39.95	39.95	39.95	40.16	40.23	40.55	40.35	40.09	39.96	39.88	39.81	
14	39.95	39.95	39.95	39.95	40.15	40.30	40.47	40.28	40.09	39.95	39.88	39.81	
15	39.95	39.95	39.95	39.95	40.17	40.39	40.43	40.25	40.07	39.95	39.81	39.81	
16	39.95	39.95	39.95	39.95	40.18	40.38	40.46	40.23	40.07	39.95	39.81	39.81	
17	39.95	39.95	39.95	39.95	40.18	40.33	40.57	40.21	40.05	39.94	39.81	39.81	
18	39.95	39.95	39.95	39.95	40.16	40.28	41.22	40.20	40.04	39.93	39.81	39.81	
19	39.95	39.95	39.95	39.95	40.16	40.25	41.21	40.20	40.03	39.93	39.81	39.81	
20	39.95	39.95	39.95	39.95	40.14	40.24	40.76	40.20	40.02	39.93	39.81	39.81	
21	39.95	39.95	39.95	39.95	40.11	40.22	40.60	40.19	40.02	39.93	39.81	39.81	
22	39.95	39.95	39.95	39.95	40.10	40.20	40.48	40.18	40.01	39.93	39.81	39.81	
23	39.95	39.95	39.95	39.95	40.10	40.20	40.81	40.17	40.03	39.93	39.81	39.81	
24	39.95	39.95	39.95	39.95	40.14	40.18	42.88	40.15	40.02	39.91	39.81	39.81	
25	39.95	39.95	39.95	39.95	40.18	40.17	42.58	40.13	40.02	39.91	39.81	39.81	
26	39.95	39.95	39.95	39.95	40.17	40.21	41.79	40.13	40.02	39.91	39.81	39.81	
27	39.95	39.95	39.95	39.95	40.15	40.25	41.17	40.13	40.01	39.91	39.81	39.81	
28	39.95	39.95	39.95	39.95	40.12	40.20	40.90	40.12	40.01	39.91	39.81	39.81	
29	39.95	39.95	39.95	39.95	40.10	40.17	40.74	40.12	40.00	39.89		39.81	
30	39.95	39.95	39.95	39.95	40.08	40.24	40.60	40.12	40.00	39.89		39.81	
31		39.95		39.95	40.06		40.52		40.00	39.89		39.81	
Mean	39.95	39.95	39.95	39.95	40.12	40.24	40.85	40.27	40.07	39.94	39.85	39.81	
Max	39.95	39.95	39.95	39.95	40.18	40.48	42.88	40.53	40.20	39.99	39.93	39.81	42.88
Min	39.95	39.95	39.95	39.95	39.95	40.05	40.36	40.12	40.00	39.89	39.81	39.81	39.81
Annual Max Momentary Gage Height	43.78		m. (MSL.) ,				at 16.00 Hours ,						
Zero Gage at Bottom Elevation	39.18		m. (MSL.) ,			River Bed	32.85	m. (MSL.)					
Left Bank Elevation		46.14		m. (MSL.) ,									
Right Bank Elevation		45.23		m. (MSL.) ,		Drainage Are	301	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	0.05	0.05	0.05	0.05	0.20	3.85	3.55	0.28	0.09	0.01	0.00	
2	0.05	0.05	0.05	0.05	0.05	0.22	2.65	2.80	0.26	0.09	0.03	0.00	
3	0.05	0.05	0.05	0.05	0.05	0.28	2.02	2.14	0.26	0.08	0.01	0.00	
4	0.05	0.05	0.05	0.05	0.05	0.45	2.14	1.66	0.24	0.08	0.01	0.00	
5	0.05	0.05	0.05	0.05	0.70	0.90	4.64	1.66	0.35	0.08	0.01	0.00	
6	0.05	0.05	0.05	0.05	0.65	1.30	3.25	1.54	0.80	0.08	0.00	0.00	
7	0.05	0.05	0.05	0.05	0.60	3.70	2.14	1.30	0.80	0.08	0.00	0.00	
8	0.05	0.05	0.05	0.05	0.55	2.14	2.02	1.42	0.70	0.07	0.00	0.00	
9	0.05	0.05	0.05	0.05	0.55	1.90	3.25	2.14	0.55	0.07	0.00	0.00	
10	0.05	0.05	0.05	0.05	0.50	1.54	46.00	2.65	0.45	0.07	0.00	0.00	
11	0.05	0.05	0.05	0.05	0.50	1.15	18.20	3.10	0.35	0.07	0.00	0.00	
12	0.05	0.05	0.05	0.05	0.60	0.95	7.50	4.48	0.30	0.06	0.00	0.00	
13	0.05	0.05	0.05	0.05	0.60	0.95	4.80	1.90	0.28	0.06	0.00	0.00	
14	0.05	0.05	0.05	0.05	0.55	1.30	3.55	1.20	0.28	0.05	0.00	0.00	
15	0.05	0.05	0.05	0.05	0.65	2.38	2.95	1.05	0.24	0.05	0.00	0.00	
16	0.05	0.05	0.05	0.05	0.70	2.26	3.40	0.95	0.24	0.05	0.00	0.00	
17	0.05	0.05	0.05	0.05	0.70	1.66	5.12	0.85	0.20	0.04	0.00	0.00	
18	0.05	0.05	0.05	0.05	0.60	1.20	21.24	0.80	0.18	0.03	0.00	0.00	
19	0.05	0.05	0.05	0.05	0.60	1.05	20.92	0.80	0.16	0.03	0.00	0.00	
20	0.05	0.05	0.05	0.05	0.50	1.00	8.88	0.80	0.14	0.03	0.00	0.00	
21	0.05	0.05	0.05	0.05	0.35	0.90	5.60	0.75	0.14	0.03	0.00	0.00	
22	0.05	0.05	0.05	0.05	0.30	0.80	3.70	0.70	0.12	0.03	0.00	0.00	
23	0.05	0.05	0.05	0.05	0.30	0.80	10.04	0.65	0.16	0.03	0.00	0.00	
24	0.05	0.05	0.05	0.05	0.50	0.70	94.98	0.55	0.14	0.01	0.00	0.00	
25	0.05	0.05	0.05	0.05	0.70	0.65	78.64	0.45	0.14	0.01	0.00	0.00	
26	0.05	0.05	0.05	0.05	0.65	0.85	41.62	0.45	0.14	0.01	0.00	0.00	
27	0.05	0.05	0.05	0.05	0.55	1.05	19.70	0.45	0.12	0.01	0.00	0.00	
28	0.05	0.05	0.05	0.05	0.40	0.80	12.20	0.40	0.12	0.01	0.00	0.00	
29	0.05	0.05	0.05	0.05	0.30	0.65	8.42	0.40	0.10	0.00	0.00	0.00	
30	0.05	0.05	0.05	0.05	0.26	1.00	5.60	0.40	0.10	0.00	0.00	0.00	
31		0.05		0.05	0.22		4.32		0.10	0.00		0.00	
Total	1.50	1.55	1.50	1.55	14.28	34.73	453.34	41.99	8.44	1.40	0.07	0.00	560.35 CMSDAY
Mean	0.05	0.05	0.05	0.05	0.46	1.16	14.62	1.40	0.27	0.05	0.00	0.00	1.54 CMS
Max	0.05	0.05	0.05	0.05	0.70	3.70	94.98	4.48	0.80	0.09	0.03	0.00	94.98 CMS
Min	0.05	0.05	0.05	0.05	0.05	0.20	2.02	0.40	0.10	0.00	0.00	0.00	0.00 CMS
Runoff	0.13	0.13	0.13	0.13	1.23	3.00	39.17	3.63	0.73	0.12	0.01	0.00	48.41 MCM
Momentary Peak	148.88	CMS.	at 43.78 m. (MSL.)	at 16.00 Hours	on Oct 24	2005							
Runoff Yield	5.10	Liters/Second/Square KM.		Momentary Peak Yield	494.618	Liters/Second/Square KM.							

WATER YEAR : 2005

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Sarahed , Phetchaburi (B.9)

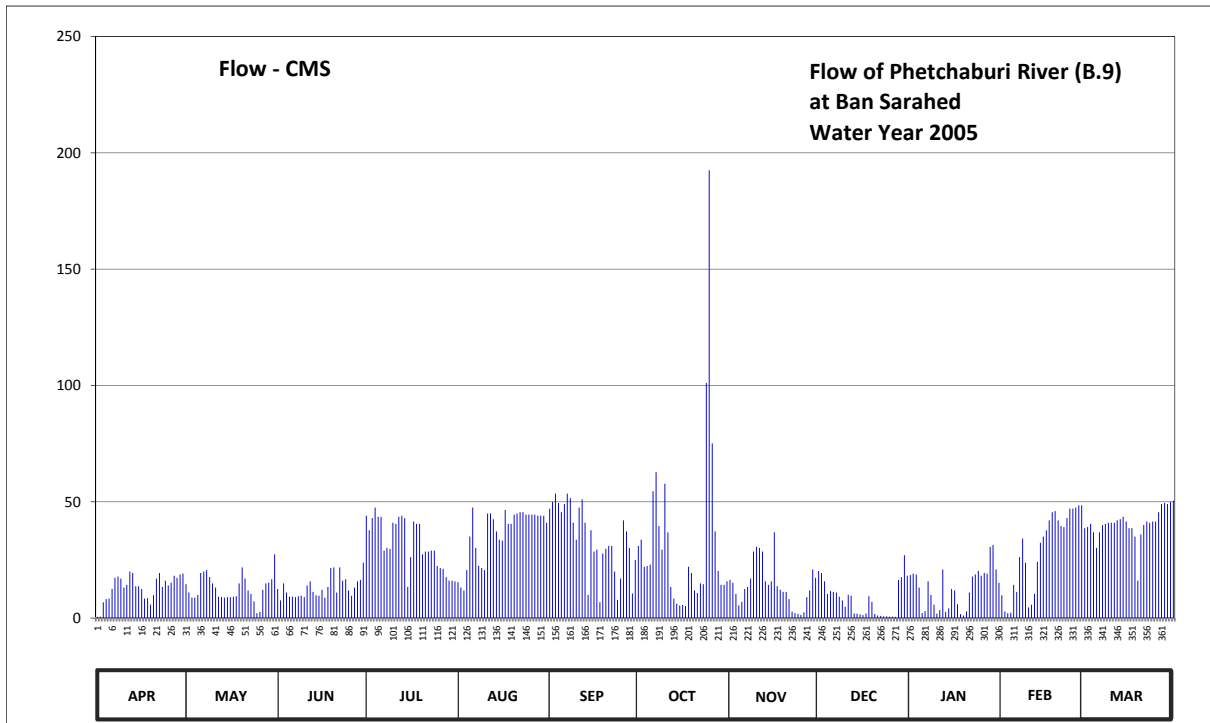
Lat 12 - 48 - 18 N Long 99 - 46 - 27 E

Location : on left bank at Ban Sarahed.

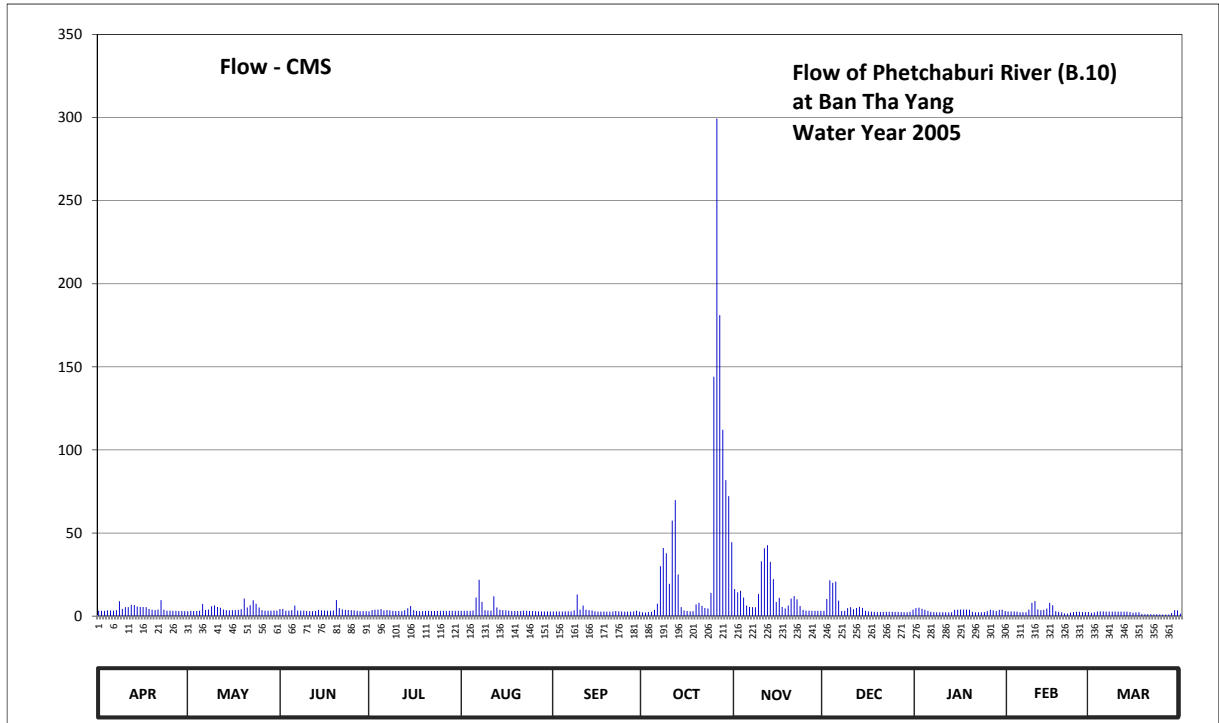
	Ban Sarahed	Amphoe Tha Yang	Changwat Phetchaburi
Drainage Area	2,617 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+25.317 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+32.512 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 49 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	26.31	27.12	27.05	27.88	27.15	27.94	27.60	27.18	27.31	27.25	26.94	27.77	
2	26.32	27.00	26.83	27.75	27.07	28.00	27.66	27.14	27.28	27.27	26.58	27.78	
3	26.79	26.89	27.13	27.86	27.03	28.07	27.37	26.97	27.16	27.26	26.51	27.81	
4	26.86	26.89	27.00	27.95	27.32	27.99	27.38	26.72	26.97	27.07	26.53	27.73	
5	26.87	26.95	26.91	27.87	27.69	27.91	27.40	26.80	27.02	26.52	27.11	27.58	
6	27.05	27.28	26.91	27.87	27.95	27.98	28.09	27.05	27.01	26.60	27.01	27.73	
7	27.21	27.30	26.90	27.55	27.58	28.07	28.24	27.08	27.00	27.16	27.48	27.80	
8	27.23	27.32	26.92	27.58	27.38	28.03	27.79	27.20	26.91	26.95	27.67	27.81	
9	27.20	27.22	26.93	27.57	27.35	27.82	27.56	27.54	26.83	26.74	27.42	27.82	
10	27.07	27.13	26.90	27.82	27.32	27.66	28.15	27.59	26.69	26.49	26.68	27.82	
11	27.11	27.07	27.10	27.81	27.90	27.95	27.73	27.58	26.95	26.62	26.74	27.82	
12	27.30	26.91	27.16	27.87	27.90	28.02	27.08	27.54	26.93	27.33	26.97	27.84	
13	27.28	26.90	27.01	27.88	27.85	27.82	26.87	27.16	26.50	26.57	27.43	27.85	
14	27.09	26.89	26.94	27.86	27.74	26.95	26.76	27.11	26.49	26.66	27.63	27.87	
15	27.09	26.90	26.93	27.08	27.66	27.75	26.72	27.16	26.46	27.05	27.69	27.83	
16	27.05	26.90	27.04	27.48	27.65	27.54	26.73	27.73	26.43	27.03	27.75	27.77	
17	26.87	26.91	26.89	27.83	27.93	27.56	26.71	27.09	26.50	26.75	27.84	27.77	
18	26.88	26.92	27.08	27.81	27.81	26.79	27.37	27.04	26.92	26.47	27.91	27.69	
19	26.74	27.13	27.35	27.81	27.81	27.52	27.28	27.01	26.80	26.41	27.92	27.71	
20	26.94	27.36	27.36	27.51	27.89	27.57	27.03	27.01	26.48	26.59	27.84	27.71	
21	27.20	27.20	27.00	27.54	27.90	27.60	26.99	26.86	26.41	27.00	27.79	27.80	
22	27.28	27.03	27.36	27.54	27.91	27.60	27.13	26.58	26.39	27.23	27.78	27.83	
23	27.08	26.97	27.17	27.55	27.91	27.30	27.12	26.52	26.35	27.26	27.86	27.82	
24	27.17	26.81	27.19	27.55	27.89	26.84	28.82	26.48	26.35	27.31	27.94	27.83	
25	27.10	26.51	27.03	27.38	27.89	27.20	29.80	26.44	26.32	27.24	27.94	27.83	
26	27.14	26.57	26.93	27.35	27.89	27.84	28.46	26.55	26.32	27.28	27.95	27.91	
27	27.24	27.04	27.07	27.34	27.89	27.74	27.74	26.90	26.31	27.27	27.97	27.98	
28	27.21	27.13	27.16	27.22	27.88	27.58	27.31	27.03	27.18	27.59	27.97	27.99	
29	27.26	27.14	27.18	27.17	27.88	26.98	27.11	27.33	27.22	27.61	27.98	27.98	
30	27.27	27.19	27.42	27.17	27.88	27.45	27.11	27.21	27.50	27.33	28.00	27.80	
31		27.51		27.16	27.82		27.16		27.24	27.14	28.01	27.80	
Mean	27.04	27.04	27.06	27.60	27.70	27.64	27.49	27.05	26.78	27.00	27.46	27.80	
Max	27.30	27.51	27.42	27.95	27.95	28.07	29.80	27.73	27.50	27.61	27.97	28.01	29.80
Min	26.31	26.51	26.83	27.08	27.03	26.79	26.71	26.44	26.31	26.41	26.51	27.17	26.31
Annual Max Momentary Gage Height	30.29		m. (MSL.) ,				at 23.00 Hours ,						
Zero Gage at Bottom Elevation	25.32		m. (MSL.) ,			River Bed	25.24	m. (MSL.)					
Left Bank Elevation	32.36		m. (MSL.) ,										
Right Bank Elevation	31.99		m. (MSL.) ,			Drainage Are	2,617	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.55	14.60	12.50	44.00	15.50	47.00	31.00	16.40	20.30	18.50	9.80	38.65	
2	0.60	11.00	7.60	37.75	13.10	50.00	33.70	15.20	19.40	19.10	2.80	39.10	
3	6.80	8.80	14.90	43.00	11.90	53.50	22.10	10.40	15.80	18.80	2.10	40.50	
4	8.20	8.80	11.00	47.50	20.60	49.50	22.40	5.40	10.40	13.10	2.30	36.85	
5	8.40	10.00	9.20	43.50	35.05	45.50	23.00	7.00	11.60	2.20	14.30	30.20	
6	12.50	19.40	9.20	43.50	47.50	49.00	54.50	12.50	11.30	3.00	11.30	36.85	
7	17.30	20.00	9.00	29.00	30.20	53.50	62.70	13.40	11.00	15.80	26.20	40.00	
8	17.90	20.60	9.40	30.20	22.40	51.50	39.55	17.00	9.20	10.00	34.15	40.50	
9	17.00	17.60	9.60	29.80	21.50	41.00	29.40	28.60	7.60	5.80	23.80	41.00	
10	13.10	14.90	9.00	41.00	20.60	33.70	57.75	30.60	4.80	1.90	4.60	41.00	
11	14.30	13.10	14.00	40.50	45.00	47.50	36.85	30.20	10.00	3.40	5.80	41.00	
12	20.00	9.20	15.80	43.50	45.00	51.00	13.40	28.60	9.60	20.90	10.40	42.00	
13	19.40	9.00	11.30	44.00	42.50	41.00	8.40	15.80	2.00	2.70	24.20	42.50	
14	13.70	8.80	9.80	43.00	37.30	10.00	6.20	14.30	1.90	4.20	32.35	43.50	
15	13.70	9.00	9.60	13.40	33.70	37.75	5.40	15.80	1.60	12.50	35.05	41.50	
16	12.50	9.00	12.20	26.20	33.25	28.60	5.60	36.85	1.30	11.90	37.75	38.65	
17	8.40	9.20	8.80	41.50	46.50	29.40	5.20	13.70	2.00	6.00	42.00	38.65	
18	8.60	9.40	13.40	40.50	40.50	6.80	22.10	12.20	9.40	1.70	45.50	35.05	
19	5.80	14.90	21.50	40.50	40.50	27.80	19.40	11.30	7.00	1.10	46.00	16.10	
20	9.80	21.80	21.80	27.40	44.50	29.80	11.90	11.30	1.80	2.90	42.00	35.95	
21	17.00	17.00	11.00	28.60	45.00	31.00	10.80	8.20	1.10	11.00	39.55	40.00	
22	19.40	11.90	21.80	28.60	45.50	31.00	14.90	2.80	0.95	17.90	39.10	41.50	
23	13.40	10.40	16.10	29.00	45.50	20.00	14.60	2.20	0.75	18.80	43.00	41.00	
24	16.10	7.20	16.70	29.00	44.50	7.80	101.10	1.80	0.75	20.30	47.00	41.50	
25	14.00	2.10	11.90	22.40	44.50	17.00	192.50	1.40	0.60	18.20	47.00	41.50	
26	15.20	2.70	9.60	21.50	44.50	42.00	75.10	2.50	0.60	19.40	47.50	45.50	
27	18.20	12.20	13.10	21.20	44.50	37.30	37.30	9.00	0.55	19.10	48.50	49.00	
28	17.30	14.90	15.80	17.60	44.00	30.20	20.30	11.90	16.40	30.60	48.50	49.50	
29	18.80	15.20	16.40	16.10	44.00	10.60	14.30	20.90	17.60	31.45		49.00	
30	19.10	16.70	23.80	16.10	44.00	25.00	14.30	17.30	27.00	20.90		50.00	
31		27.40		15.80	41.00		15.80		18.20	15.20		50.50	
Total	397.05	396.80	395.80	995.65	1134.10	1035.75	1021.55	424.55	252.50	398.35	812.55	1258.55	8523.20 CMSDAY
Mean	13.24	12.80	13.19	32.12	36.58	34.53	32.95	14.15	8.15	12.85	29.02	40.60	23.35 CMS
Max	20.00	27.40	23.80	47.50	47.50	53.50	192.50	36.85	27.00	31.45	48.50	50.50	192.50 CMS
Min	0.55	2.10	7.60	13.40	11.90	6.80	5.20	1.40	0.55	1.10	2.10	16.10	0.55 CMS
Runoff	34.31	34.28	34.20	86.02	97.99	89.49	88.26	36.68	21.82	34.42	70.20	108.74	736.41 MCM
Momentary Peak	246.85 CMS. at 30.29 m. (MSL.) at 23.00 Hours , on Oct 24, 2005												
Runoff Yield	8.92 Liters/Second/Square KM.			Momentary Peak Yield			94.326 Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.25	3.00	4.20	2.90	3.20	2.75	2.35	16.25	3.15	4.80	2.75	2.05	
2	3.20	3.15	4.30	3.65	3.20	2.75	2.10	14.30	10.25	5.10	2.75	2.20	
3	3.20	3.10	3.30	3.80	3.15	2.75	2.50	15.20	21.60	4.40	2.75	2.65	
4	3.50	3.05	3.25	3.85	3.15	2.80	2.60	11.15	20.00	3.85	2.65	2.85	
5	3.40	3.25	3.60	4.20	3.35	2.85	3.75	6.30	20.80	3.15	2.35	2.75	
6	3.30	7.30	6.30	3.45	11.15	2.85	7.50	5.50	9.35	2.55	2.35	2.70	
7	3.60	3.65	3.35	3.65	21.80	2.75	30.00	5.40	3.05	2.40	2.35	2.65	
8	8.90	3.95	3.25	3.45	8.60	3.45	41.00	5.30	3.20	2.35	3.85	2.65	
9	4.30	6.00	3.25	3.15	3.60	12.95	37.80	13.25	4.80	2.35	8.00	2.65	
10	5.40	6.40	3.10	3.10	3.40	3.85	19.40	33.00	5.40	2.35	9.05	2.65	
11	5.40	5.50	3.00	3.05	3.30	6.30	57.50	40.80	4.10	2.35	4.00	2.65	
12	6.80	5.00	2.95	3.00	11.90	3.80	69.80	42.60	4.90	2.25	3.60	2.65	
13	6.60	3.90	3.10	3.60	5.20	3.60	25.00	32.60	5.60	2.35	3.75	2.65	
14	5.80	3.55	3.70	4.70	3.80	3.35	5.40	22.20	4.90	3.70	4.50	2.45	
15	5.50	3.50	3.50	6.10	3.60	2.85	3.35	8.45	3.20	3.85	8.00	2.05	
16	5.50	3.60	3.35	3.55	3.50	2.70	3.05	11.00	2.75	3.95	6.50	2.20	
17	5.40	3.65	3.30	3.05	3.30	2.70	2.90	5.50	2.65	3.95	3.00	2.35	
18	4.30	3.70	3.20	3.00	3.10	2.75	3.00	4.60	2.60	3.95	2.60	1.30	
19	3.80	4.10	3.40	3.00	3.05	2.65	7.00	6.30	2.50	3.85	2.35	1.15	
20	3.65	10.55	9.65	3.15	3.05	2.65	8.00	10.55	2.50	2.55	1.60	1.15	
21	3.95	5.20	4.80	3.15	3.10	2.75	6.20	12.05	2.55	2.35	1.55	1.15	
22	9.65	6.50	4.00	3.10	3.30	3.05	4.90	10.10	2.55	2.35	2.10	1.10	
23	3.85	9.50	3.70	3.10	3.20	2.90	4.60	6.10	2.55	2.35	2.40	1.10	
24	3.25	7.40	3.65	3.15	3.05	2.75	14.00	3.75	2.55	2.40	2.55	1.05	
25	3.25	5.20	3.60	3.15	2.95	2.70	144.00	3.30	2.45	3.00	2.55	0.95	
26	3.20	3.60	3.50	3.15	2.95	2.70	299.40	3.25	2.45	3.85	2.50	0.95	
27	3.15	3.30	3.15	3.15	2.85	2.65	181.10	3.20	2.40	3.50	2.45	0.95	
28	3.10	3.25	3.00	3.15	2.80	2.75	112.15	3.20	2.35	3.05	2.45	1.85	
29	3.05	3.25	2.95	3.15	2.75	3.30	81.80	3.20	2.35	3.75		3.60	
30	3.00	3.40	2.95	3.15	2.75	2.65	72.20	3.15	2.55	3.80		3.45	
31		3.30		3.15	2.75		44.50		3.85	3.10		1.45	
Total	134.25	143.80	112.35	105.95	140.85	101.30	1298.85	361.55	165.90	99.55	97.30	64.00	2825.65 CMSDAY
Mean	4.48	4.64	3.74	3.42	4.54	3.38	41.90	12.05	5.35	3.21	3.48	2.06	7.74 CMS
Max	9.65	10.55	9.65	6.10	21.80	12.95	299.40	42.60	21.60	5.10	9.05	3.60	299.40 CMS
Min	3.00	3.00	2.95	2.90	2.75	2.65	2.10	3.15	2.35	2.25	1.55	0.95	0.95 CMS
Runoff	11.60	12.42	9.71	9.15	12.17	8.75	112.22	31.24	14.33	8.60	8.41	5.53	244.14 MCM
Momentary Peak	319.80	CMS.	at 13.81 m. (MSL.)	at 04.00 Hours	on Oct 26, 2005								
Runoff Yield	1.90	Liters/Second/Square KM.		Momentary Peak Yield	78.459	Liters/Second/Square KM.							

WATER YEAR : 2005

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Bo Ta Kuaw , Phetchaburi (B.12)

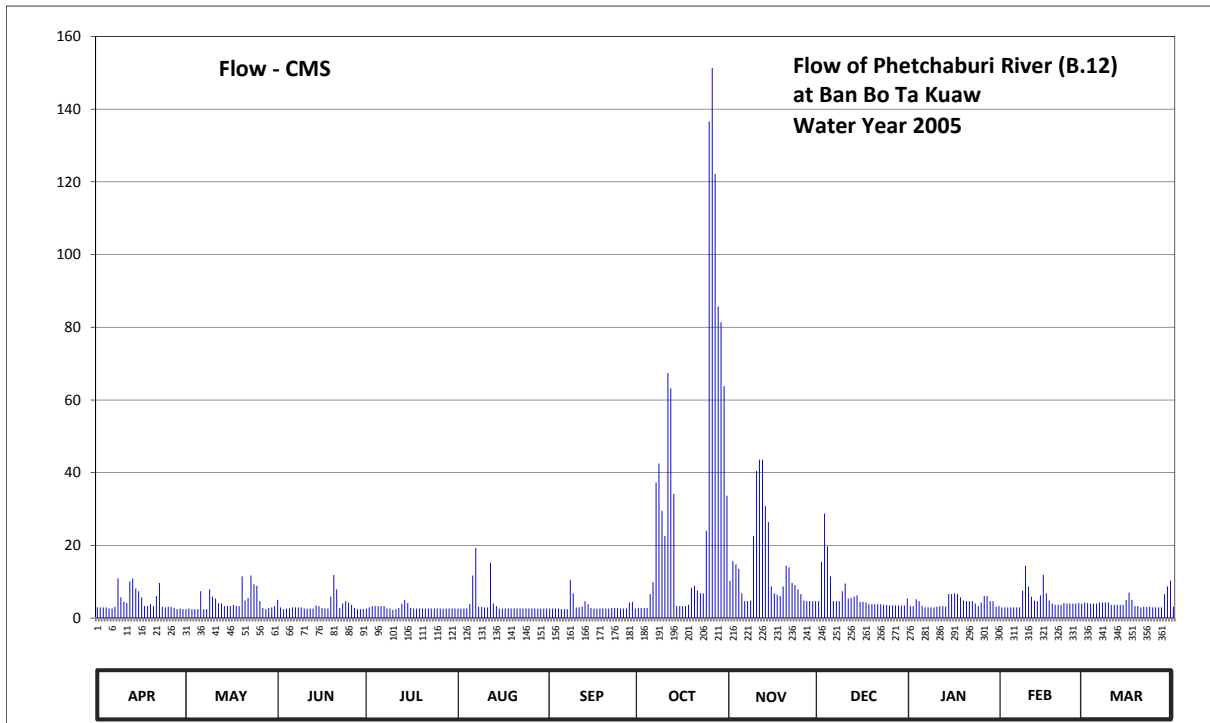
Lat 12 - 56 - 55 N Long 99 - 51 - 52 E

Location : on right bank at the bridge of Ban Bo ta Kuaw.

	Ban Bo Ta Kuaw	Amphoe Tha Yang	Changwat Phetchaburi
Drainage Area	-	sq.km.	
Type of Gage	Stage gage.		
Zero Gage at Bottom	+7.500	m. (MSL.)	
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+16.849 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date		
Rating Operation			
Period of Rating	2005 to date		
Rated by Flot	-		
Rated by Current Meter	2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 44 discharge measurements made in 2005.		

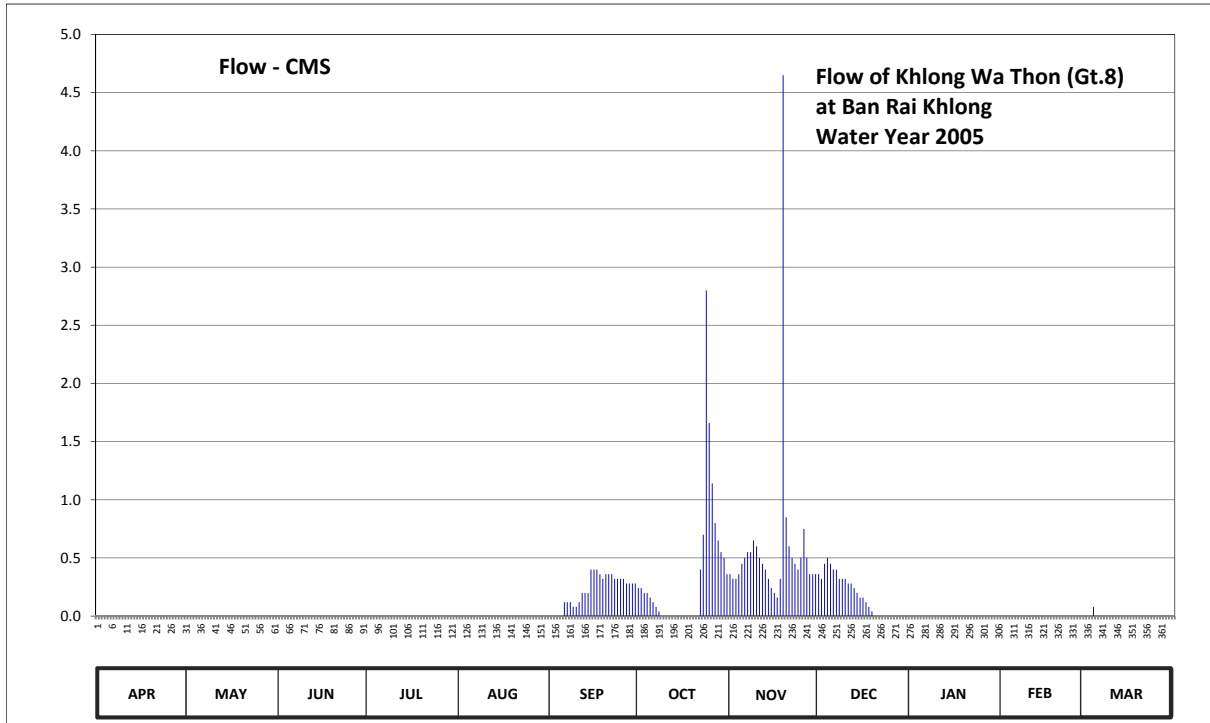
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.98	8.95	9.10	8.96	8.96	8.96	8.97	9.38	9.08	9.00	8.98	9.06	
2	8.98	8.96	8.98	8.98	8.96	8.96	8.97	9.64	9.63	9.00	8.98	9.05	
3	8.98	8.95	8.95	9.00	8.96	8.96	8.97	9.60	10.19	9.11	8.98	9.04	
4	8.98	8.95	8.96	9.00	8.96	8.96	8.97	9.54	9.82	9.08	8.98	9.04	
5	8.96	8.95	8.96	9.00	9.03	8.95	9.19	9.20	9.44	9.00	8.98	9.04	
6	8.96	9.23	8.98	9.00	9.45	8.95	9.36	9.08	9.08	8.98	8.98	9.06	
7	8.99	8.95	8.98	9.00	9.80	8.95	10.52	9.08	9.08	8.98	8.98	9.06	
8	9.41	8.95	8.98	8.96	8.99	9.39	10.72	9.09	9.08	8.98	9.24	9.06	
9	9.14	9.26	8.98	8.96	8.99	9.20	10.22	9.94	9.23	8.98	9.58	9.06	
10	9.07	9.15	8.96	8.94	8.98	8.98	9.94	10.64	9.34	8.99	9.30	9.02	
11	9.05	9.12	8.96	8.95	8.98	8.98	11.58	10.76	9.12	9.00	9.15	9.02	
12	9.37	9.05	8.96	8.97	9.62	8.99	11.44	10.76	9.13	9.00	9.09	9.02	
13	9.41	9.04	8.96	9.04	9.04	9.08	10.40	10.27	9.15	8.99	9.08	9.02	
14	9.27	9.00	9.01	9.10	9.00	9.03	9.00	10.10	9.17	9.19	9.17	9.02	
15	9.23	9.00	9.00	9.05	8.96	8.97	9.00	9.30	9.07	9.19	9.46	9.10	
16	9.14	9.00	8.97	8.97	8.96	8.96	9.00	9.20	9.07	9.20	9.20	9.21	
17	9.00	9.02	8.96	8.96	8.96	8.96	9.00	9.18	9.06	9.19	9.09	9.10	
18	9.00	9.00	8.96	8.96	8.96	8.96	9.02	9.16	9.03	9.14	9.04	9.00	
19	9.03	9.00	9.15	8.96	8.96	8.96	9.28	9.30	9.03	9.09	9.02	9.00	
20	9.00	9.44	9.46	8.96	8.96	8.96	9.31	9.58	9.03	9.08	9.02	8.98	
21	9.16	9.09	9.26	8.96	8.96	8.96	9.24	9.56	9.03	9.08	9.02	8.99	
22	9.35	9.13	8.97	8.96	8.96	8.97	9.20	9.35	9.03	9.08	9.05	8.99	
23	8.99	9.45	9.04	8.96	8.96	8.97	9.20	9.32	9.02	9.04	9.04	8.99	
24	8.98	9.33	9.08	8.96	8.96	8.97	10.00	9.26	9.02	9.00	9.04	8.98	
25	8.99	9.31	9.06	8.96	8.96	8.96	13.72	9.19	9.01	9.06	9.04	8.98	
26	8.99	9.08	9.02	8.96	8.96	8.96	14.14	9.09	9.01	9.16	9.04	8.98	
27	8.97	8.97	8.97	8.96	8.96	8.96	13.30	9.08	9.01	9.16	9.05	8.98	
28	8.95	8.95	8.95	8.96	8.96	9.06	12.18	9.08	9.01	9.08	9.04	9.19	
29	8.96	8.97	8.95	8.96	8.96	9.07	12.04	9.08	9.01	9.08		9.30	
30	8.95	8.98	8.95	8.96	8.96	8.96	11.46	9.08	9.01	8.99		9.38	
31		9.00		8.96	8.96		10.38		9.12	9.00		8.99	
Mean	9.07	9.07	9.02	8.98	9.03	9.00	10.25	9.50	9.16	9.06	9.09	9.06	
Max	9.41	9.45	9.46	9.10	9.80	9.39	14.14	10.76	10.19	9.20	9.58	9.38	14.14
Min	8.95	8.95	8.95	8.94	8.96	8.95	8.97	9.08	9.01	8.98	8.98	8.98	8.94
Annual Max Momentary Gage Height	14.50		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation		7.50	m. (MSL.) ,			River Bed	8.70	m. (MSL.)					
Left Bank Elevation		17.08	m. (MSL.) ,										
Right Bank Elevation		16.87	m. (MSL.) ,			Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.96	2.45	5.00	2.62	2.62	2.62	2.79	10.30	4.66	3.30	2.96	4.32	
2	2.96	2.62	2.96	2.96	2.62	2.62	2.79	15.68	15.46	3.30	2.96	4.15	
3	2.96	2.45	2.45	3.30	2.62	2.62	2.79	14.80	28.74	5.18	2.96	3.98	
4	2.96	2.45	2.62	3.30	2.62	2.62	2.79	13.54	19.76	4.66	2.96	3.98	
5	2.62	2.45	2.62	3.30	3.81	2.45	6.62	6.80	11.50	3.30	2.96	3.98	
6	2.62	7.37	2.96	3.30	11.70	2.45	9.90	4.66	4.66	2.96	2.96	4.32	
7	3.13	2.45	2.96	3.30	19.30	2.45	37.32	4.66	4.66	2.96	2.96	4.32	
8	10.90	2.45	2.96	2.62	3.13	10.50	42.52	4.83	4.66	2.96	7.56	4.32	
9	5.72	7.94	2.96	2.62	3.13	6.80	29.52	22.56	7.37	2.96	14.38	4.32	
10	4.49	5.90	2.62	2.28	2.96	2.96	22.56	40.44	9.50	3.13	8.70	3.64	
11	4.15	5.36	2.62	2.45	2.96	2.96	67.40	43.56	5.36	3.30	5.90	3.64	
12	10.10	4.15	2.62	2.79	15.24	3.13	63.20	43.56	5.54	3.30	4.83	3.64	
13	10.90	3.98	2.62	3.98	3.98	4.66	34.20	30.82	5.90	3.13	4.66	3.64	
14	8.13	3.30	3.47	5.00	3.30	3.81	3.30	26.40	6.26	6.62	6.26	3.64	
15	7.37	3.30	3.30	4.15	2.62	2.79	3.30	8.70	4.49	6.62	11.90	5.00	
16	5.72	3.30	2.79	2.79	2.62	2.62	3.30	6.80	4.49	6.80	6.80	6.99	
17	3.30	3.64	2.62	2.62	2.62	2.62	3.30	6.44	4.32	6.62	4.83	5.00	
18	3.30	3.30	2.62	2.62	2.62	2.62	3.64	6.08	3.81	5.72	3.98	3.30	
19	3.81	3.30	5.90	2.62	2.62	2.62	8.32	8.70	3.81	4.83	3.64	3.30	
20	3.30	11.50	11.90	2.62	2.62	2.62	8.90	14.38	3.81	4.66	3.64	2.96	
21	6.08	4.83	7.94	2.62	2.62	2.62	7.56	13.96	3.81	4.66	3.64	3.13	
22	9.70	5.54	2.79	2.62	2.62	2.79	6.80	9.70	3.81	4.66	4.15	3.13	
23	3.13	11.70	3.98	2.62	2.62	2.79	6.80	9.10	3.64	3.98	3.98	3.13	
24	2.96	9.30	4.66	2.62	2.62	2.79	24.00	7.94	3.64	3.30	3.98	2.96	
25	3.13	8.90	4.32	2.62	2.62	2.62	136.60	6.62	3.47	4.32	3.98	2.96	
26	3.13	4.66	3.64	2.62	2.62	2.62	151.30	4.83	3.47	6.08	3.98	2.96	
27	2.79	2.79	2.79	2.62	2.62	2.62	122.20	4.66	3.47	6.08	4.15	2.96	
28	2.45	2.45	2.45	2.62	2.62	4.32	85.68	4.66	3.47	4.66	3.98	6.62	
29	2.62	2.79	2.45	2.62	2.62	4.49	81.34	4.66	3.47	4.66		8.70	
30	2.45	2.96	2.45	2.62	2.62	2.62	63.80	4.66	3.47	3.13		10.30	
31		3.30		2.62	2.62		33.68		5.36	3.30		3.13	
Total	139.84	142.88	108.04	90.06	124.53	98.82	1078.22	404.50	199.84	135.14	139.64	132.42	2793.93 CMSDAY
Mean	4.66	4.61	3.60	2.91	4.02	3.29	34.78	13.48	6.45	4.36	4.99	4.27	7.65 CMS
Max	10.90	11.70	11.90	5.00	19.30	10.50	151.30	43.56	28.74	6.80	14.38	10.30	151.30 CMS
Min	2.45	2.45	2.45	2.28	2.62	2.45	2.79	4.66	3.47	2.96	2.96	2.96	2.28 CMS
Runoff	12.08	12.35	9.34	7.78	10.76	8.54	93.16	34.95	17.27	11.68	12.07	11.44	241.40 MCM
Momentary Peak	164.00 CMS. at 14.50 m. (MSL.) at 06.00 Hours , on Oct 25 , 2005												
Runoff Yield	***** Liters/Second/Square KM. Momentary Peak Yield ***** Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	0.36	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.32	0.32	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.32	0.45	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.36	0.50	0.00	0.00	0.08	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.45	0.45	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.50	0.40	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.12	0.08	0.55	0.40	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.12	0.04	0.55	0.32	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.65	0.32	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.60	0.32	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.50	0.28	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.45	0.28	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.40	0.24	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.32	0.20	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.24	0.16	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.20	0.16	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.16	0.12	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.32	0.08	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.32	0.00	4.65	0.04	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.85	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.60	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.36	0.40	0.50	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.32	0.70	0.45	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.32	2.80	0.40	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.32	1.66	0.50	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.32	1.14	0.75	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.28	0.80	0.50	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.28	0.65	0.36	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.28	0.55	0.36	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.28	0.50	0.36	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	6.60	10.84	17.53	5.40	0.00	0.00	0.08	40.45 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	0.22	0.35	0.58	0.17	0.00	0.00	0.00	0.11 CMS
Max	0.00	0.00	0.00	0.00	0.00	0.40	2.80	4.65	0.50	0.00	0.00	0.08	4.65 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	0.57	0.94	1.52	0.47	0.00	0.00	0.01	3.50 MCM
Momentary Peak	8.10 CMS. at 9.82 m. (MSL.) at 09.00 Hours , on Nov 19, 2005												
Runoff Yield	2.52 Liters/Second/Square KM. Momentary Peak Yield 184.091 Liters/Second/Square KM.												

WATER YEAR : 2005

WEST COAST - GULF BASIN

Khlong Thap Sakae at Ban Klang , Prachuap Khiri Khan (Gt.9)

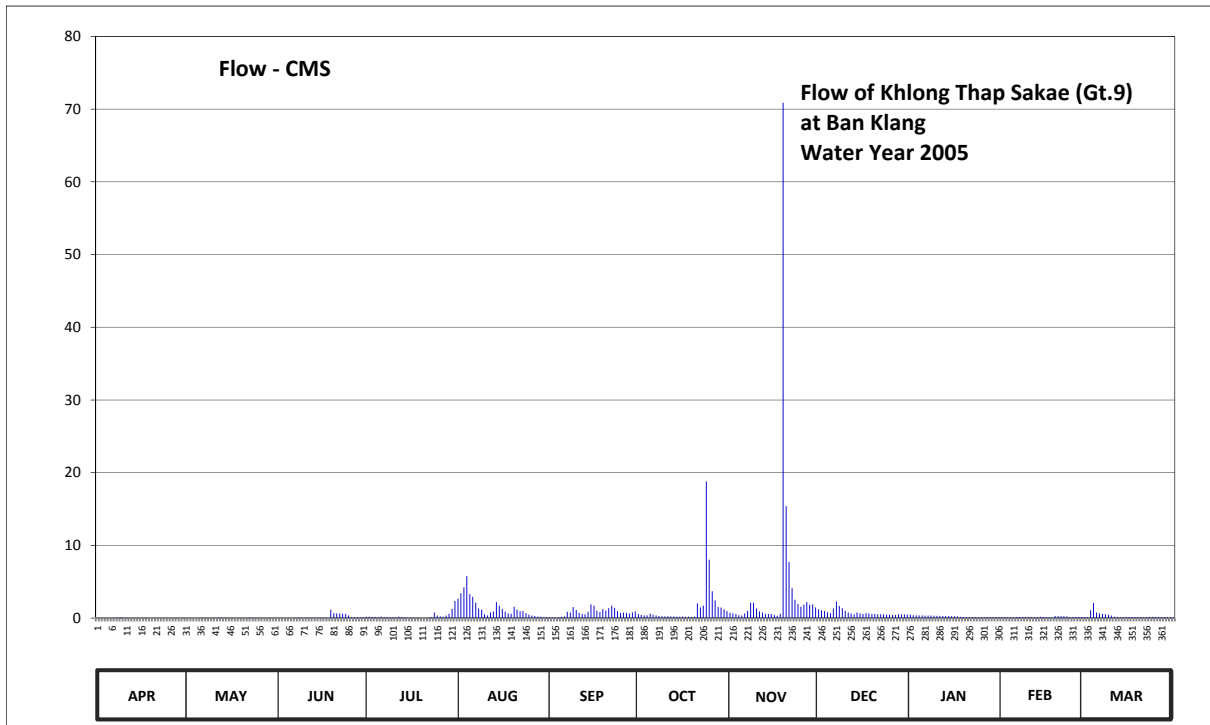
Lat 11 - 29 - 40 N Long 99 - 36 - 20 E

Location : on right bank at Ban Klang.

	Ban Klang	Amphoe Thap Sakae	Changwat Prachuap Khiri Khan
Drainage Area	125 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+6.840 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+12.200 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1980 to date		
Rated by Flot	-		
Rated by Current Meter	1980 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 41 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.42	7.42	7.37	7.60	8.16	7.54	7.74	7.78	7.90	7.72	7.56	7.57	
2	7.43	7.42	7.38	7.59	8.24	7.53	7.71	7.76	7.87	7.70	7.56	7.57	
3	7.42	7.41	7.38	7.57	8.32	7.51	7.69	7.74	7.84	7.69	7.56	7.87	
4	7.42	7.41	7.39	7.55	8.44	7.56	7.69	7.70	7.80	7.69	7.56	8.08	
5	7.42	7.41	7.39	7.55	8.23	7.59	7.75	7.69	7.77	7.69	7.56	7.79	
6	7.42	7.44	7.40	7.60	8.19	7.62	7.72	7.76	7.93	7.68	7.57	7.76	
7	7.45	7.42	7.43	7.56	8.09	7.82	7.69	7.85	8.11	7.68	7.57	7.74	
8	7.52	7.48	7.50	7.56	7.93	7.79	7.64	8.09	8.01	7.67	7.57	7.73	
9	7.53	7.47	7.50	7.54	7.89	7.98	7.63	8.08	7.94	7.66	7.57	7.72	
10	7.49	7.47	7.50	7.54	7.73	7.88	7.62	7.93	7.85	7.65	7.56	7.68	
11	7.49	7.47	7.50	7.53	7.69	7.78	7.63	7.83	7.80	7.65	7.56	7.59	
12	7.47	7.48	7.49	7.59	7.80	7.74	7.61	7.79	7.76	7.64	7.56	7.58	
13	7.46	7.51	7.46	7.56	7.83	7.73	7.62	7.75	7.73	7.64	7.56	7.56	
14	7.46	7.48	7.50	7.54	8.10	7.82	7.60	7.74	7.79	7.64	7.58	7.56	
15	7.45	7.47	7.50	7.51	8.02	8.05	7.59	7.74	7.76	7.63	7.57	7.58	
16	7.45	7.44	7.49	7.49	7.92	8.02	7.61	7.71	7.74	7.63	7.57	7.57	
17	7.45	7.43	7.49	7.51	7.82	7.85	7.58	7.66	7.77	7.62	7.56	7.57	
18	7.43	7.40	7.47	7.50	7.76	7.81	7.59	7.75	7.76	7.58	7.56	7.56	
19	7.40	7.44	7.89	7.43	7.75	7.91	7.57	10.72	7.74	7.57	7.64	7.56	
20	7.39	7.42	7.77	7.39	7.99	7.86	7.60	8.97	7.74	7.57	7.64	7.56	
21	7.39	7.44	7.76	7.39	7.89	7.94	8.07	8.57	7.73	7.56	7.63	7.56	
22	7.39	7.49	7.76	7.42	7.84	8.02	7.96	8.31	7.73	7.56	7.63	7.57	
23	7.39	7.49	7.75	7.55	7.84	7.95	8.02	8.14	7.73	7.56	7.62	7.58	
24	7.41	7.49	7.75	7.79	7.77	7.84	9.14	8.06	7.72	7.55	7.57	7.58	
25	7.41	7.45	7.69	7.68	7.72	7.78	8.59	7.99	7.72	7.56	7.57	7.58	
26	7.41	7.44	7.56	7.62	7.68	7.79	8.27	8.04	7.71	7.56	7.57	7.58	
27	7.42	7.44	7.56	7.60	7.64	7.78	8.13	8.10	7.71	7.56	7.57	7.56	
28	7.42	7.44	7.55	7.67	7.61	7.76	7.98	8.04	7.73	7.56	7.57	7.56	
29	7.41	7.43	7.56	7.75	7.60	7.80	7.96	8.05	7.73	7.55		7.56	
30	7.42	7.43	7.54	7.92	7.56	7.83	7.90	7.97	7.72	7.55		7.56	
31		7.37		8.12	7.57		7.84		7.72	7.56		7.56	
Mean	7.43	7.45	7.54	7.59	7.89	7.80	7.83	8.04	7.79	7.62	7.58	7.63	
Max	7.53	7.51	7.89	8.12	8.44	8.05	9.14	10.72	8.11	7.72	7.64	8.08	10.72
Min	7.39	7.37	7.37	7.39	7.56	7.51	7.57	7.66	7.71	7.55	7.56	7.56	7.37
Annual Max Momentary Gage Height	10.92		m. (MSL.) ,				at 09.00 Hours ,		on Nov 19, 2005				
Zero Gage at Bottom Elevation	6.84		m. (MSL.) ,			River Bed	7.12		m. (MSL.)				
Left Bank Elevation		12.22	m. (MSL.) ,										
Right Bank Elevation		12.25	m. (MSL.) ,			Drainage Are	125		Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	0.01	0.00	0.20	2.68	0.11	0.56	0.72	1.20	0.48	0.14	0.16	
2	0.01	0.01	0.00	0.19	3.40	0.10	0.44	0.64	1.08	0.40	0.14	0.16	
3	0.01	0.00	0.00	0.16	4.24	0.07	0.38	0.56	0.96	0.38	0.14	1.08	
4	0.01	0.00	0.00	0.13	5.76	0.14	0.38	0.40	0.80	0.38	0.14	2.08	
5	0.01	0.00	0.00	0.13	3.30	0.19	0.60	0.38	0.68	0.38	0.14	0.76	
6	0.01	0.02	0.00	0.20	2.92	0.24	0.48	0.64	1.32	0.36	0.16	0.64	
7	0.02	0.01	0.01	0.14	2.14	0.88	0.38	1.00	2.28	0.36	0.16	0.56	
8	0.08	0.04	0.05	0.14	1.32	0.76	0.28	2.14	1.66	0.34	0.16	0.52	
9	0.10	0.03	0.05	0.11	1.16	1.52	0.26	2.08	1.36	0.32	0.16	0.48	
10	0.04	0.03	0.05	0.11	0.52	1.12	0.24	1.32	1.00	0.30	0.14	0.36	
11	0.04	0.03	0.05	0.10	0.38	0.72	0.26	0.92	0.80	0.30	0.14	0.19	
12	0.03	0.04	0.04	0.19	0.80	0.56	0.22	0.76	0.64	0.28	0.14	0.17	
13	0.03	0.07	0.03	0.14	0.92	0.52	0.24	0.60	0.52	0.28	0.14	0.14	
14	0.03	0.04	0.05	0.11	2.20	0.88	0.20	0.56	0.76	0.28	0.17	0.14	
15	0.02	0.03	0.05	0.07	1.72	1.90	0.19	0.56	0.64	0.26	0.16	0.17	
16	0.02	0.02	0.04	0.04	1.28	1.72	0.22	0.44	0.56	0.26	0.16	0.16	
17	0.02	0.01	0.04	0.07	0.88	1.00	0.17	0.32	0.68	0.24	0.14	0.16	
18	0.01	0.00	0.03	0.05	0.64	0.84	0.19	0.60	0.64	0.17	0.14	0.14	
19	0.00	0.02	1.16	0.01	0.60	1.24	0.16	70.88	0.56	0.16	0.28	0.14	
20	0.00	0.01	0.68	0.00	1.56	1.04	0.20	15.40	0.56	0.16	0.28	0.14	
21	0.00	0.02	0.64	0.00	1.16	1.36	2.02	7.72	0.52	0.14	0.26	0.14	
22	0.00	0.04	0.64	0.01	0.96	1.72	1.44	4.12	0.52	0.14	0.26	0.16	
23	0.00	0.04	0.60	0.13	0.96	1.40	1.72	2.52	0.52	0.14	0.24	0.17	
24	0.00	0.04	0.60	0.76	0.68	0.96	18.80	1.96	0.48	0.13	0.16	0.17	
25	0.00	0.02	0.38	0.36	0.48	0.72	8.04	1.56	0.48	0.14	0.16	0.17	
26	0.00	0.02	0.14	0.24	0.36	0.76	3.70	1.84	0.44	0.14	0.16	0.17	
27	0.01	0.02	0.14	0.20	0.28	0.72	2.44	2.20	0.44	0.14	0.16	0.14	
28	0.01	0.02	0.13	0.34	0.22	0.64	1.52	1.84	0.52	0.14	0.16	0.14	
29	0.00	0.01	0.14	0.60	0.20	0.80	1.44	1.90	0.52	0.13		0.14	
30	0.01	0.01	0.11	1.28	0.14	0.92	1.20	1.48	0.48	0.13		0.14	
31		0.00		2.36	0.16		0.96		0.48	0.14		0.14	
Total	0.53	0.66	5.85	8.57	44.02	25.55	49.33	128.06	24.10	7.60	4.79	10.03	309.09 CMSDAY
Mean	0.02	0.02	0.19	0.28	1.42	0.85	1.59	4.27	0.78	0.25	0.17	0.32	0.85 CMS
Max	0.10	0.07	1.16	2.36	5.76	1.90	18.80	70.88	2.28	0.48	0.28	2.08	70.88 CMS
Min	0.00	0.00	0.00	0.00	0.14	0.07	0.16	0.32	0.44	0.13	0.14	0.14	0.00 CMS
Runoff	0.05	0.06	0.51	0.74	3.80	2.21	4.26	11.06	2.08	0.66	0.41	0.87	26.71 MCM
Momentary Peak	79.10 CMS. at 10.92 m. (MSL.) at 09.00 Hours , on Nov 19, 2005												
Runoff Yield	6.77 Liters/Second/Square KM. Momentary Peak Yield 632.800 Liters/Second/Square KM.												

WATER YEAR : 2005

WEST COAST - GULF BASIN

Khlong Krut at Ban Nong Ya Plong , Prachuap Khiri Khan (Gt.10)

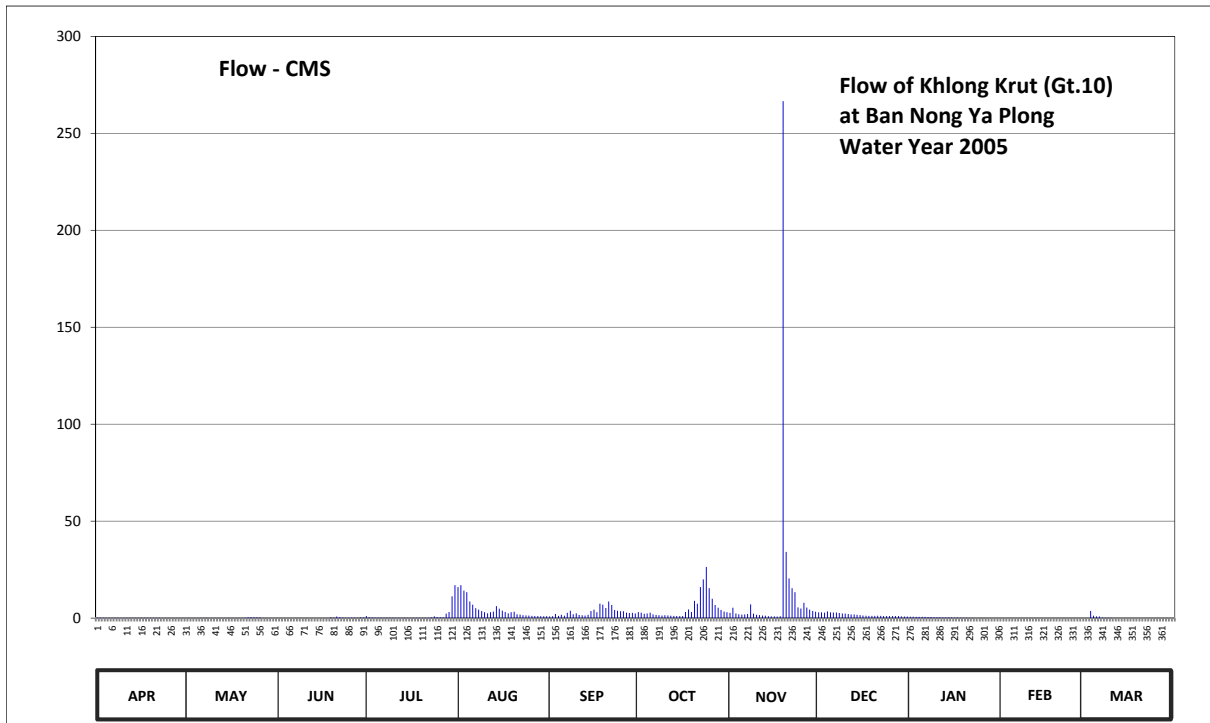
Lat 11 - 24 - 08 N Long 99 - 31 - 18 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 379.

	Ban Nong Ya Plong	Amphoe Bang Saphan	Changwat Prachuap Khiri Khan
Drainage Area	113 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+25.364 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation +30.539 m. (MSL.)	
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1980 to date		
Rated by Flot	-		
Rated by Current Meter	1980 to date		
Stability of Channel Regimes	Rather unstable by some silting.		
Overbank Flow Conditions	Overbank flow starts at elevation +28.670 m.(M.S.L.)and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 48 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	24.52	24.48	24.44	24.71	25.70	24.68	24.93	24.89	25.28	25.04	24.95	24.92	
2	24.52	24.48	24.45	24.58	25.74	24.69	24.90	25.11	25.28	25.04	24.95	24.91	
3	24.51	24.48	24.44	24.55	25.61	24.83	24.84	24.86	25.26	25.03	24.95	25.34	
4	24.51	24.48	24.45	24.53	25.57	24.72	24.86	24.82	25.32	25.03	24.95	25.10	
5	24.50	24.48	24.45	24.53	25.32	24.79	24.90	24.80	25.28	25.03	24.95	25.06	
6	24.50	24.48	24.45	24.53	25.22	24.73	24.81	24.81	25.27	25.03	24.95	25.05	
7	24.50	24.49	24.45	24.52	25.09	24.89	24.78	24.83	25.27	25.02	24.95	24.98	
8	24.49	24.49	24.45	24.52	25.03	24.98	24.76	25.23	25.24	25.02	24.95	24.97	
9	24.48	24.48	24.45	24.52	24.97	24.82	24.74	24.85	25.22	25.01	24.95	24.97	
10	24.50	24.48	24.45	24.52	24.92	24.87	24.76	24.79	25.21	25.00	24.95	24.96	
11	24.50	24.48	24.45	24.51	24.87	24.78	24.75	24.77	25.19	25.00	24.94	24.95	
12	24.50	24.48	24.45	24.51	24.92	24.76	24.73	24.74	25.17	24.99	24.94	24.94	
13	24.50	24.48	24.44	24.50	24.95	24.74	24.72	24.73	25.17	24.99	24.94	24.93	
14	24.50	24.48	24.44	24.52	25.17	24.79	24.71	24.70	25.15	24.99	24.94	24.93	
15	24.50	24.48	24.44	24.51	25.07	24.97	24.71	24.68	25.14	24.99	24.94	24.94	
16	24.50	24.48	24.44	24.50	24.99	25.03	24.71	24.68	25.11	24.98	24.94	24.93	
17	24.50	24.47	24.44	24.50	24.93	24.92	24.93	24.67	25.10	24.98	24.94	24.93	
18	24.49	24.47	24.44	24.50	24.87	25.25	25.04	24.69	25.09	24.97	24.93	24.93	
19	24.49	24.47	24.57	24.49	24.92	25.22	24.93	29.08	25.09	24.97	24.93	24.93	
20	24.49	24.47	24.53	24.49	24.94	25.10	25.34	26.33	25.09	24.97	24.93	24.93	
21	24.49	24.47	24.67	24.49	24.82	25.32	25.25	25.88	25.10	24.96	24.93	24.93	
22	24.49	24.57	24.59	24.51	24.80	25.21	25.70	25.67	25.09	24.96	24.92	24.93	
23	24.48	24.59	24.52	24.57	24.76	25.02	25.86	25.57	25.08	24.95	24.92	24.93	
24	24.48	24.58	24.51	24.68	24.75	24.98	26.08	25.47	25.08	24.95	24.92	24.91	
25	24.48	24.58	24.50	24.61	24.74	24.96	25.67	25.43	25.08	24.96	24.92	24.91	
26	24.48	24.57	24.52	24.59	24.72	24.96	25.40	25.62	25.08	24.96	24.92	24.91	
27	24.48	24.47	24.52	24.58	24.71	24.90	25.21	25.46	25.08	24.95	24.92	24.91	
28	24.48	24.47	24.51	24.85	24.71	24.88	25.11	25.39	25.08	24.95	24.92	24.90	
29	24.48	24.46	24.56	24.93	24.69	24.89	25.02	25.34	25.06	24.95	24.95	24.90	
30	24.48	24.46	24.54	25.46	24.70	24.86	24.95	25.31	25.05	24.95	24.95	24.90	
31		24.45		25.74	24.70		24.92		25.05	24.95		24.95	
Mean	24.49	24.49	24.49	24.63	25.00	24.92	25.03	25.24	25.15	24.99	24.94	24.96	
Max	24.52	24.59	24.67	25.74	25.74	25.32	26.08	29.08	25.32	25.04	24.95	25.34	29.08
Min	24.48	24.45	24.44	24.49	24.69	24.68	24.71	24.67	25.05	24.95	24.92	24.90	24.44
Annual Max Momentary Gage Height	29.98		m. (MSL.) ,				at 11.00 Hours ,	on Nov 19 , 2005					
Zero Gage at Bottom Elevation	25.36		m. (MSL.) ,			River Bed	23.91	m. (MSL.)					
Left Bank Elevation	28.66		m. (MSL.) ,										
Right Bank Elevation	28.66		m. (MSL.) ,		Drainage Are	113	Square Kilometers						



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.23	0.10	0.00	1.08	16.00	0.90	3.16	2.70	3.00	0.72	0.00	0.00	
2	0.23	0.10	0.00	0.43	17.00	0.95	2.80	5.34	3.00	0.72	0.00	0.00	
3	0.20	0.10	0.00	0.33	14.20	2.10	2.20	2.40	2.80	0.64	0.00	3.72	
4	0.20	0.10	0.00	0.27	13.40	1.16	2.40	2.00	3.46	0.64	0.00	1.20	
5	0.17	0.10	0.00	0.27	8.56	1.72	2.80	1.80	3.00	0.64	0.00	0.88	
6	0.17	0.10	0.00	0.27	6.92	1.24	1.90	1.90	2.90	0.64	0.00	0.80	
7	0.17	0.13	0.00	0.23	5.08	2.70	1.64	2.10	2.90	0.56	0.00	0.24	
8	0.13	0.13	0.00	0.23	4.36	3.76	1.48	7.08	2.60	0.56	0.00	0.16	
9	0.10	0.10	0.00	0.23	3.64	2.00	1.32	2.30	2.40	0.48	0.00	0.16	
10	0.17	0.10	0.00	0.23	3.04	2.50	1.48	1.72	2.30	0.40	0.00	0.08	
11	0.17	0.10	0.00	0.20	2.50	1.64	1.40	1.56	2.10	0.40	0.00	0.00	
12	0.17	0.10	0.00	0.20	3.04	1.48	1.24	1.32	1.90	0.32	0.00	0.00	
13	0.17	0.10	0.00	0.17	3.40	1.32	1.16	1.24	1.90	0.32	0.00	0.00	
14	0.17	0.10	0.00	0.23	6.18	1.72	1.08	1.00	1.70	0.32	0.00	0.00	
15	0.17	0.10	0.00	0.20	4.84	3.64	1.08	0.90	1.60	0.32	0.00	0.00	
16	0.17	0.10	0.00	0.17	3.88	4.36	1.08	0.90	1.30	0.24	0.00	0.00	
17	0.17	0.07	0.00	0.17	3.16	3.04	3.16	0.85	1.20	0.24	0.00	0.00	
18	0.13	0.07	0.00	0.17	2.50	7.40	4.48	0.95	1.12	0.16	0.00	0.00	
19	0.13	0.07	0.40	0.13	3.04	6.92	3.16	266.60	1.12	0.16	0.00	0.00	
20	0.13	0.07	0.27	0.13	3.28	5.20	8.92	34.14	1.12	0.16	0.00	0.00	
21	0.13	0.07	0.85	0.13	2.00	8.56	7.40	20.50	1.20	0.08	0.00	0.00	
22	0.13	0.40	0.47	0.20	1.80	6.76	16.00	15.40	1.12	0.08	0.00	0.00	
23	0.10	0.47	0.23	0.40	1.48	4.24	20.00	13.40	1.04	0.00	0.00	0.00	
24	0.10	0.43	0.20	0.90	1.40	3.76	26.40	5.55	1.04	0.00	0.00	0.00	
25	0.10	0.43	0.17	0.55	1.32	3.52	15.40	4.95	1.04	0.08	0.00	0.00	
26	0.10	0.40	0.23	0.47	1.16	3.52	10.00	7.90	1.04	0.08	0.00	0.00	
27	0.10	0.07	0.23	0.43	1.08	2.80	6.76	5.40	1.04	0.00	0.00	0.00	
28	0.10	0.07	0.20	2.30	1.08	2.60	5.34	4.37	1.04	0.00	0.00	0.00	
29	0.10	0.03	0.37	3.16	0.95	2.70	4.24	3.72	0.88	0.00	0.00	0.00	
30	0.10	0.03	0.30	11.20	1.00	2.40	3.40	3.33	0.80	0.00	0.00	0.00	
31		0.00		17.00	1.00		3.04		0.80	0.00		0.00	
Total	4.41	4.34	3.92	42.08	142.29	96.61	165.92	423.32	54.46	8.96	0.00	7.24	953.55 CMSDAY
Mean	0.15	0.14	0.13	1.36	4.59	3.22	5.35	14.11	1.76	0.29	0.00	0.23	2.61 CMS
Max	0.23	0.47	0.85	17.00	17.00	8.56	26.40	266.60	3.46	0.72	0.00	3.72	266.60 CMS
Min	0.10	0.00	0.00	0.13	0.95	0.90	1.08	0.85	0.80	0.00	0.00	0.00	0.00 CMS
Runoff	0.38	0.38	0.34	3.64	12.29	8.35	14.34	36.58	4.71	0.77	0.00	0.63	82.39 MCM
Momentary Peak	374.60	CMS.	at 29.98 m. (MSL.)	at 11.00 Hours	on Nov 19, 2005								
Runoff Yield	23.12	Liters/Second/Square KM.		Momentary Peak Yield	315.044	Liters/Second/Square KM.							

WATER YEAR : 2005

WEST COAST - GULF BASIN

Khlong Yai at Ban Chang Laek , Prachuap Khiri Khan (Gt.11)

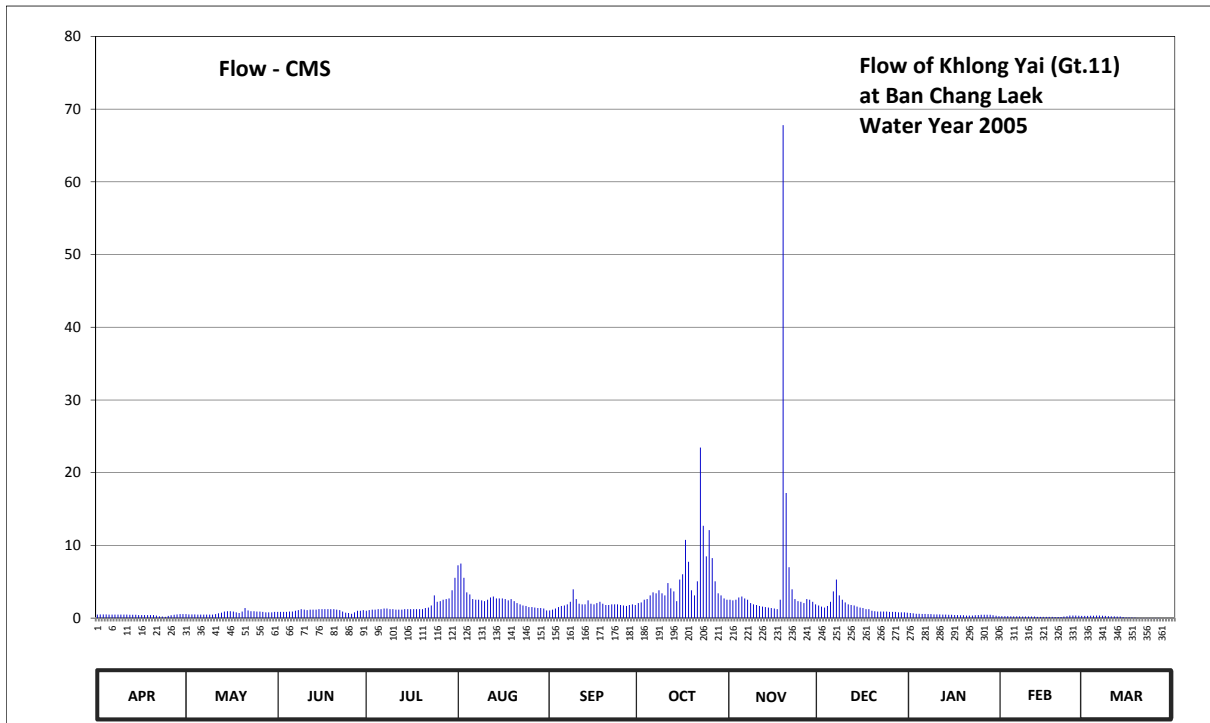
Lat 11 - 03 - 44 N Long 99 - 22 - 30 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 423.

	Ban Chang Laek	Amphoe	Bang Saphan Noi	Changwat	Prachuap Khiri Khan
Drainage Area	61 sq.km.				
Type of Gage	Staff gage				
Zero Gage at Bottom	+36.370 m. (MSL.)				
Bench Mark	B.M.- Highways Dept.				
Location BM	On right bank at the abutment of the bridge.			Elevation	+37.355 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1979 to date				
Rating Operation					
Period of Rating	1980 to date				
Rated by Flot	-				
Rated by Current Meter	1980 to date				
Stability of Channel Regimes	Fairly stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records fair. Stage-discharge relation defined by 56 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	37.56	37.58	37.65	37.68	38.13	37.69	37.83	37.88	37.79	37.62	37.49	37.50	
2	37.57	37.57	37.65	37.70	38.14	37.71	37.84	37.87	37.77	37.61	37.49	37.50	
3	37.57	37.57	37.65	37.71	38.06	37.73	37.88	37.88	37.75	37.60	37.49	37.51	
4	37.57	37.57	37.65	37.71	37.96	37.76	37.89	37.91	37.78	37.60	37.48	37.51	
5	37.56	37.56	37.66	37.72	37.94	37.78	37.93	37.92	37.85	37.59	37.48	37.52	
6	37.56	37.56	37.66	37.72	37.89	37.79	37.96	37.90	37.97	37.59	37.48	37.52	
7	37.56	37.56	37.68	37.73	37.88	37.81	37.95	37.88	38.05	37.58	37.48	37.51	
8	37.56	37.56	37.70	37.73	37.88	37.85	37.98	37.83	37.93	37.58	37.47	37.50	
9	37.56	37.56	37.72	37.72	37.87	37.99	37.95	37.81	37.88	37.57	37.47	37.49	
10	37.56	37.56	37.71	37.72	37.86	37.89	37.93	37.80	37.84	37.57	37.47	37.48	
11	37.56	37.58	37.70	37.71	37.88	37.82	38.03	37.78	37.81	37.57	37.47	37.48	
12	37.55	37.61	37.71	37.71	37.91	37.81	38.00	37.77	37.80	37.56	37.47	37.47	
13	37.55	37.63	37.71	37.71	37.92	37.81	37.97	37.76	37.79	37.56	37.46	37.47	
14	37.55	37.66	37.71	37.72	37.90	37.87	37.86	37.75	37.77	37.55	37.46	37.45	
15	37.54	37.67	37.72	37.72	37.90	37.82	38.05	37.74	37.75	37.55	37.46	37.43	
16	37.54	37.67	37.72	37.72	37.90	37.81	38.08	37.73	37.74	37.54	37.46	37.43	
17	37.54	37.66	37.72	37.72	37.89	37.83	38.27	37.72	37.72	37.54	37.46	37.43	
18	37.54	37.64	37.72	37.72	37.87	37.85	38.15	37.88	37.72	37.53	37.46	37.42	
19	37.54	37.62	37.72	37.72	37.89	37.82	37.98	39.58	37.68	37.53	37.45	37.41	
20	37.54	37.66	37.72	37.72	37.86	37.80	37.93	38.49	37.67	37.52	37.45	37.41	
21	37.52	37.74	37.71	37.74	37.83	37.80	38.04	38.12	37.66	37.52	37.45	37.41	
22	37.48	37.69	37.70	37.75	37.81	37.81	38.67	37.99	37.66	37.52	37.47	37.41	
23	37.47	37.67	37.66	37.79	37.79	37.81	38.34	37.89	37.66	37.53	37.49	37.41	
24	37.46	37.67	37.63	37.93	37.78	37.81	38.18	37.86	37.66	37.54	37.52	37.41	
25	37.50	37.66	37.62	37.85	37.76	37.80	38.32	37.85	37.65	37.55	37.52	37.41	
26	37.53	37.66	37.60	37.86	37.76	37.79	38.17	37.83	37.65	37.55	37.52	37.41	
27	37.55	37.65	37.64	37.88	37.75	37.78	38.04	37.89	37.65	37.55	37.51	37.40	
28	37.57	37.64	37.68	37.89	37.74	37.80	37.95	37.88	37.64	37.55	37.50	37.40	
29	37.58	37.64	37.68	37.90	37.74	37.81	37.93	37.85	37.64	37.53		37.40	
30	37.58	37.64	37.70	37.98	37.73	37.80	37.90	37.81	37.64	37.51		37.40	
31		37.65		38.06	37.69		37.88		37.63	37.49		37.40	
Mean	37.54	37.62	37.68	37.77	37.87	37.81	38.03	37.93	37.75	37.55	37.48	37.45	
Max	37.58	37.74	37.72	38.06	38.14	37.99	38.67	39.58	38.05	37.62	37.52	37.52	39.58
Min	37.46	37.56	37.60	37.68	37.69	37.69	37.83	37.72	37.63	37.49	37.45	37.40	37.40
Annual Max Momentary Gage Height	40.38		m. (MSL.) ,				at 12.00 Hours ,						on Nov 19, 2005
Zero Gage at Bottom Elevation	36.38		m. (MSL.) ,			River Bed	37.19	m. (MSL.)					
Left Bank Elevation		44.24		m. (MSL.) ,									
Right Bank Elevation		45.35		m. (MSL.) ,		Drainage Are	61	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.48	0.54	0.85	1.00	7.25	1.05	2.07	2.52	1.73	0.70	0.27	0.30	
2	0.51	0.51	0.85	1.10	7.50	1.17	2.16	2.43	1.59	0.65	0.27	0.30	
3	0.51	0.51	0.85	1.17	5.54	1.31	2.52	2.52	1.45	0.60	0.27	0.33	
4	0.51	0.51	0.85	1.17	3.54	1.52	2.61	2.84	1.66	0.60	0.24	0.33	
5	0.48	0.48	0.90	1.24	3.26	1.66	3.12	2.98	2.25	0.57	0.24	0.36	
6	0.48	0.48	0.90	1.24	2.61	1.73	3.54	2.70	3.68	0.57	0.24	0.36	
7	0.48	0.48	1.00	1.31	2.52	1.89	3.40	2.52	5.30	0.54	0.24	0.33	
8	0.48	0.48	1.10	1.31	2.52	2.25	3.82	2.07	3.12	0.54	0.21	0.30	
9	0.48	0.48	1.24	1.24	2.43	3.96	3.40	1.89	2.52	0.51	0.21	0.27	
10	0.48	0.48	1.17	1.24	2.34	2.61	3.12	1.80	2.16	0.51	0.21	0.24	
11	0.48	0.54	1.10	1.17	2.52	1.98	4.82	1.66	1.89	0.51	0.21	0.24	
12	0.45	0.65	1.17	1.17	2.84	1.89	4.10	1.59	1.80	0.48	0.21	0.21	
13	0.45	0.75	1.17	1.17	2.98	1.89	3.68	1.52	1.73	0.48	0.18	0.21	
14	0.45	0.90	1.17	1.24	2.70	2.43	2.34	1.45	1.59	0.45	0.18	0.15	
15	0.42	0.95	1.24	1.24	2.70	1.98	5.30	1.38	1.45	0.45	0.18	0.09	
16	0.42	0.95	1.24	1.24	2.70	1.89	6.02	1.31	1.38	0.42	0.18	0.09	
17	0.42	0.90	1.24	1.24	2.61	2.07	10.75	1.24	1.24	0.42	0.18	0.09	
18	0.42	0.80	1.24	1.24	2.43	2.25	7.75	2.52	1.24	0.39	0.18	0.06	
19	0.42	0.70	1.24	1.24	2.61	1.98	3.82	67.80	1.00	0.39	0.15	0.03	
20	0.42	0.90	1.24	1.24	2.34	1.80	3.12	17.20	0.95	0.36	0.15	0.03	
21	0.36	1.38	1.17	1.38	2.07	1.80	5.06	7.00	0.90	0.36	0.15	0.03	
22	0.24	1.05	1.10	1.45	1.89	1.89	23.45	3.96	0.90	0.36	0.21	0.03	
23	0.21	0.95	0.90	1.73	1.73	1.89	12.70	2.61	0.90	0.39	0.27	0.03	
24	0.18	0.95	0.75	3.12	1.66	1.89	8.50	2.34	0.90	0.42	0.36	0.03	
25	0.30	0.90	0.70	2.25	1.52	1.80	12.10	2.25	0.85	0.45	0.36	0.03	
26	0.39	0.90	0.60	2.34	1.52	1.73	8.25	2.07	0.85	0.45	0.36	0.03	
27	0.45	0.85	0.80	2.52	1.45	1.66	5.06	2.61	0.85	0.45	0.33	0.00	
28	0.51	0.80	1.00	2.61	1.38	1.80	3.40	2.52	0.80	0.45	0.30	0.00	
29	0.54	0.80	1.00	2.70	1.38	1.89	3.12	2.25	0.80	0.39	0.00	0.00	
30	0.54	0.80	1.10	3.82	1.31	1.80	2.70	1.89	0.80	0.33	0.00	0.00	
31		0.85		5.54	1.05		2.52		0.75	0.27		0.00	
Total	12.96	23.22	30.88	53.67	82.90	57.46	168.32	151.44	49.03	14.46	6.54	4.50	655.38 CMSDAY
Mean	0.43	0.75	1.03	1.73	2.67	1.92	5.43	5.05	1.58	0.47	0.23	0.15	1.80 CMS
Max	0.54	1.38	1.24	5.54	7.50	3.96	23.45	67.80	5.30	0.70	0.36	0.36	67.80 CMS
Min	0.18	0.48	0.60	1.00	1.05	1.05	2.07	1.24	0.75	0.27	0.15	0.00	0.00 CMS
Runoff	1.12	2.01	2.67	4.64	7.16	4.97	14.54	13.08	4.24	1.25	0.57	0.39	56.63 MCM
Momentary Peak	127.40 CMS. at 40.38 m. (MSL.) at 12.00 Hours , on Nov 19, 2005												
Runoff Yield	29.44 Liters/Second/Square KM.			Momentary Peak Yield 2088.525 Liters/Second/Square KM.									

WATER YEAR : 2005

WEST COAST - GULF BASIN

Huai Sai at Ban Suan Son Huai Sai , Prachuap Khiri Khan (Gt.15)

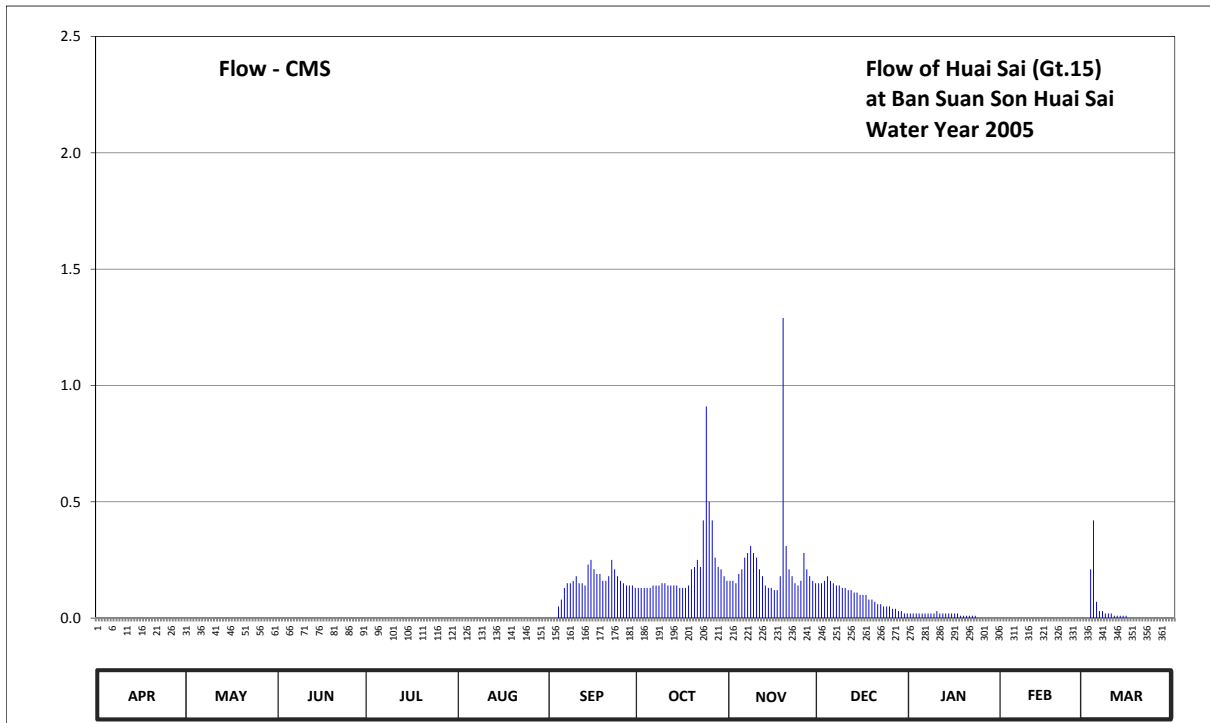
Lat 11 - 40 - 33 N Long 99 - 41 - 44 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 342, Huai Sai.

	Ban Suan Son Huai Sai	Amphoe Mueang	Changwat Prachuap Khiri Khan
Drainage Area	25 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+15.860 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+22.383 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2005.		

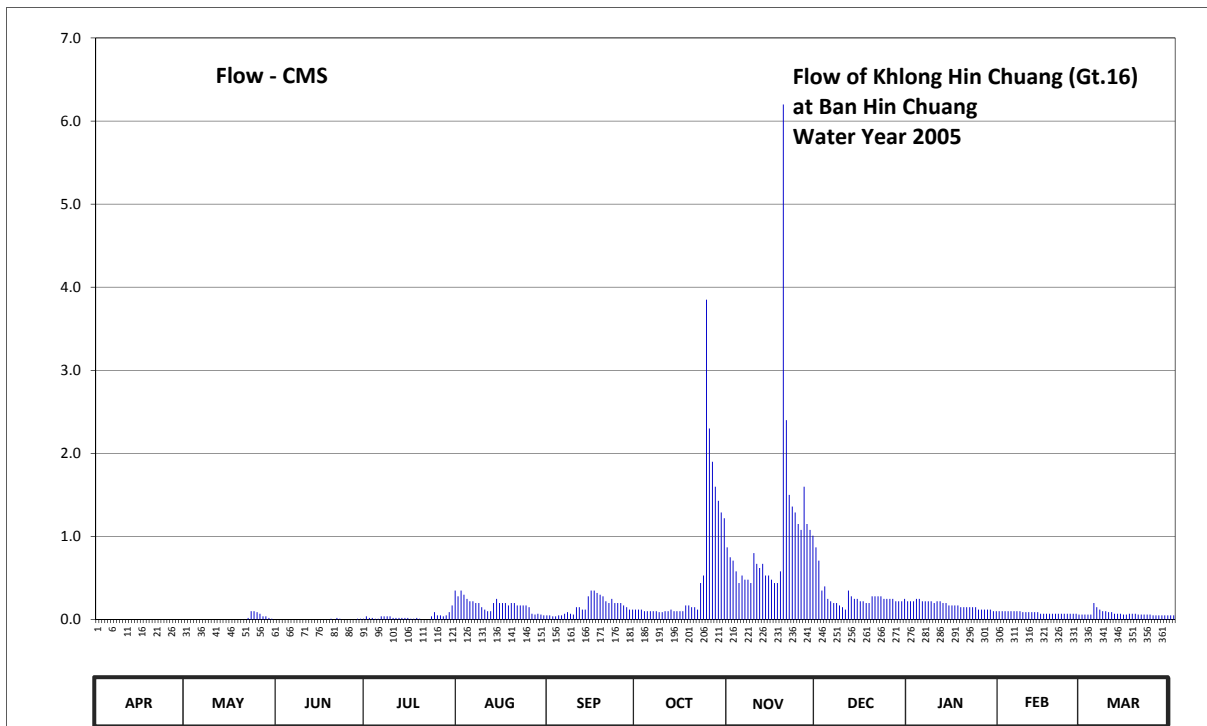
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.62	15.61	15.61	15.63	15.63	15.63	15.78	15.81	15.80	15.68	15.65	15.64	
2	15.62	15.61	15.61	15.63	15.63	15.63	15.78	15.81	15.80	15.68	15.65	15.64	
3	15.62	15.61	15.61	15.63	15.63	15.63	15.78	15.80	15.81	15.67	15.65	15.84	
4	15.62	15.61	15.61	15.63	15.63	15.71	15.78	15.83	15.82	15.67	15.65	15.96	
5	15.62	15.61	15.61	15.63	15.63	15.74	15.78	15.84	15.81	15.68	15.65	15.73	
6	15.62	15.61	15.61	15.63	15.63	15.78	15.79	15.88	15.80	15.68	15.65	15.69	
7	15.61	15.61	15.61	15.63	15.63	15.80	15.79	15.89	15.79	15.68	15.65	15.69	
8	15.61	15.61	15.61	15.63	15.63	15.80	15.79	15.91	15.79	15.68	15.65	15.68	
9	15.61	15.61	15.61	15.63	15.63	15.81	15.80	15.89	15.78	15.68	15.65	15.67	
10	15.61	15.61	15.61	15.63	15.63	15.82	15.80	15.88	15.78	15.69	15.65	15.67	
11	15.61	15.61	15.61	15.63	15.63	15.80	15.79	15.84	15.77	15.68	15.65	15.66	
12	15.61	15.61	15.61	15.63	15.63	15.80	15.79	15.82	15.77	15.68	15.65	15.66	
13	15.61	15.61	15.61	15.63	15.63	15.79	15.79	15.79	15.76	15.68	15.65	15.66	
14	15.61	15.61	15.61	15.63	15.63	15.86	15.79	15.78	15.76	15.68	15.65	15.66	
15	15.61	15.61	15.61	15.63	15.63	15.87	15.78	15.78	15.75	15.68	15.65	15.66	
16	15.61	15.61	15.61	15.63	15.63	15.84	15.78	15.77	15.75	15.67	15.65	15.65	
17	15.61	15.61	15.61	15.63	15.63	15.83	15.78	15.77	15.75	15.67	15.65	15.65	
18	15.61	15.61	15.61	15.63	15.63	15.83	15.79	15.82	15.74	15.66	15.65	15.65	
19	15.61	15.61	15.61	15.63	15.63	15.81	15.84	16.19	15.74	15.66	15.65	15.65	
20	15.61	15.61	15.61	15.63	15.63	15.81	15.85	15.91	15.73	15.66	15.65	15.65	
21	15.61	15.61	15.61	15.63	15.63	15.82	15.87	15.84	15.72	15.66	15.65	15.65	
22	15.61	15.61	15.61	15.63	15.63	15.87	15.85	15.82	15.72	15.66	15.65	15.64	
23	15.61	15.61	15.61	15.63	15.63	15.84	15.96	15.80	15.71	15.66	15.65	15.64	
24	15.61	15.61	15.61	15.63	15.63	15.82	16.12	15.79	15.71	15.65	15.65	15.64	
25	15.61	15.61	15.61	15.63	15.63	15.81	16.00	15.81	15.71	15.65	15.65	15.64	
26	15.61	15.61	15.61	15.63	15.63	15.80	15.96	15.89	15.70	15.65	15.65	15.64	
27	15.61	15.61	15.61	15.63	15.63	15.79	15.88	15.84	15.70	15.65	15.64	15.64	
28	15.61	15.61	15.61	15.63	15.63	15.79	15.85	15.82	15.69	15.65	15.64	15.64	
29	15.61	15.61	15.61	15.63	15.63	15.79	15.84	15.81	15.69	15.65		15.64	
30	15.61	15.61	15.61	15.63	15.63	15.78	15.82	15.80	15.68	15.65		15.64	
31		15.61		15.63	15.63		15.81		15.68	15.65		15.64	
Mean	15.61	15.61	15.61	15.63	15.63	15.79	15.83	15.84	15.75	15.67	15.65	15.67	
Max	15.62	15.61	15.61	15.63	15.63	15.87	16.12	16.19	15.82	15.69	15.65	15.96	16.19
Min	15.61	15.61	15.61	15.63	15.63	15.63	15.78	15.77	15.68	15.65	15.64	15.64	15.61
Annual Max Momentary Gage Height	16.43			m. (MSL.) ,			at 09.00 Hours ,						
Zero Gage at Bottom Elevation	15.86			m. (MSL.) ,		River Bed	15.65		m. (MSL.)				
Left Bank Elevation		21.87		m. (MSL.) ,									
Right Bank Elevation		19.15		m. (MSL.) ,		Drainage Are	25		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.15	0.02	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.15	0.02	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.16	0.02	0.00	0.21	
4	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.19	0.18	0.02	0.00	0.42	
5	0.00	0.00	0.00	0.00	0.00	0.08	0.13	0.21	0.16	0.02	0.00	0.07	
6	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.26	0.15	0.02	0.00	0.03	
7	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.28	0.14	0.02	0.00	0.03	
8	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.31	0.14	0.02	0.00	0.02	
9	0.00	0.00	0.00	0.00	0.00	0.16	0.15	0.28	0.13	0.02	0.00	0.02	
10	0.00	0.00	0.00	0.00	0.00	0.18	0.15	0.26	0.13	0.03	0.00	0.02	
11	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.21	0.12	0.02	0.00	0.01	
12	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.18	0.12	0.02	0.00	0.01	
13	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.11	0.02	0.00	0.01	
14	0.00	0.00	0.00	0.00	0.00	0.23	0.14	0.13	0.11	0.02	0.00	0.01	
15	0.00	0.00	0.00	0.00	0.00	0.25	0.13	0.13	0.10	0.02	0.00	0.01	
16	0.00	0.00	0.00	0.00	0.00	0.21	0.13	0.12	0.10	0.02	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.19	0.13	0.12	0.10	0.02	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.19	0.14	0.18	0.08	0.01	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.16	0.21	1.29	0.08	0.01	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.16	0.22	0.31	0.07	0.01	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.18	0.25	0.21	0.06	0.01	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.25	0.22	0.18	0.06	0.01	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.21	0.42	0.15	0.05	0.01	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.18	0.91	0.14	0.05	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.16	0.50	0.16	0.05	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.15	0.42	0.28	0.04	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.14	0.26	0.21	0.04	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.18	0.03	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.14	0.21	0.16	0.03	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.15	0.02	0.00	0.00	0.00	
31		0.00		0.00	0.00		0.16		0.02	0.00		0.00	
Total	0.00	0.00	0.00	0.00	0.00	4.41	6.64	6.89	2.93	0.41	0.00	0.87	22.15 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	0.15	0.21	0.23	0.09	0.01	0.00	0.03	0.06 CMS
Max	0.00	0.00	0.00	0.00	0.00	0.25	0.91	1.29	0.18	0.03	0.00	0.42	1.29 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.12	0.02	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	0.38	0.57	0.60	0.25	0.04	0.00	0.08	1.91 MCM
Momentary Peak	2.88 CMS. at 16.43 m. (MSL.) at 09.00 Hours , on Nov 19, 2005												
Runoff Yield	2.43 Liters/Second/Square KM. Momentary Peak Yield 115.200 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.04	0.28	0.05	0.12	0.75	0.71	0.22	0.10	0.06	
2	0.00	0.00	0.00	0.02	0.35	0.04	0.12	0.71	0.35	0.22	0.10	0.06	
3	0.00	0.00	0.00	0.02	0.30	0.04	0.10	0.58	0.40	0.25	0.10	0.06	
4	0.00	0.00	0.00	0.01	0.25	0.05	0.10	0.44	0.25	0.25	0.10	0.20	
5	0.00	0.00	0.00	0.01	0.22	0.05	0.10	0.53	0.22	0.22	0.10	0.15	
6	0.00	0.00	0.00	0.04	0.22	0.07	0.10	0.48	0.20	0.22	0.10	0.12	
7	0.00	0.00	0.00	0.04	0.20	0.09	0.10	0.48	0.20	0.22	0.10	0.10	
8	0.00	0.00	0.00	0.04	0.20	0.07	0.09	0.44	0.17	0.22	0.09	0.10	
9	0.00	0.00	0.00	0.04	0.15	0.06	0.09	0.80	0.15	0.20	0.09	0.09	
10	0.00	0.00	0.00	0.02	0.12	0.15	0.10	0.67	0.12	0.22	0.09	0.09	
11	0.00	0.00	0.00	0.02	0.10	0.15	0.10	0.62	0.35	0.22	0.09	0.07	
12	0.00	0.00	0.00	0.02	0.10	0.12	0.12	0.67	0.28	0.20	0.09	0.07	
13	0.00	0.00	0.00	0.02	0.20	0.12	0.10	0.53	0.25	0.20	0.09	0.07	
14	0.00	0.00	0.00	0.02	0.25	0.28	0.10	0.53	0.25	0.17	0.07	0.06	
15	0.00	0.00	0.00	0.02	0.20	0.35	0.10	0.48	0.22	0.17	0.07	0.06	
16	0.00	0.00	0.00	0.01	0.20	0.35	0.10	0.44	0.22	0.17	0.07	0.07	
17	0.00	0.00	0.00	0.01	0.20	0.32	0.17	0.44	0.20	0.17	0.07	0.07	
18	0.00	0.00	0.00	0.02	0.17	0.30	0.17	0.58	0.20	0.15	0.07	0.07	
19	0.00	0.00	0.01	0.01	0.20	0.28	0.15	6.20	0.28	0.15	0.07	0.06	
20	0.00	0.00	0.00	0.00	0.20	0.22	0.15	2.40	0.28	0.15	0.07	0.06	
21	0.00	0.00	0.02	0.00	0.17	0.20	0.12	1.50	0.28	0.15	0.07	0.06	
22	0.00	0.02	0.01	0.00	0.17	0.25	0.44	1.36	0.28	0.15	0.07	0.06	
23	0.00	0.10	0.00	0.04	0.17	0.20	0.53	1.29	0.25	0.15	0.07	0.06	
24	0.00	0.10	0.00	0.09	0.17	0.20	3.85	1.15	0.25	0.12	0.07	0.05	
25	0.00	0.09	0.00	0.05	0.15	0.20	2.30	1.08	0.25	0.12	0.07	0.05	
26	0.00	0.07	0.00	0.05	0.07	0.17	1.90	1.60	0.25	0.12	0.07	0.05	
27	0.00	0.04	0.00	0.04	0.06	0.15	1.60	1.15	0.22	0.12	0.06	0.05	
28	0.00	0.04	0.01	0.05	0.07	0.12	1.43	1.08	0.22	0.12	0.06	0.05	
29	0.00	0.02	0.01	0.09	0.06	0.12	1.29	1.01	0.22	0.10		0.05	
30	0.00	0.01	0.01	0.17	0.05	0.12	1.22	0.87	0.25	0.10		0.05	
31		0.00		0.35	0.05		0.87		0.22	0.10		0.05	
Total	0.00	0.49	0.07	1.36	5.30	4.89	17.83	30.86	7.99	5.34	2.27	2.27	78.67 CMSDAY
Mean	0.00	0.02	0.00	0.04	0.17	0.16	0.58	1.03	0.26	0.17	0.08	0.07	0.22 CMS
Max	0.00	0.10	0.02	0.35	0.35	0.35	3.85	6.20	0.71	0.25	0.10	0.20	6.20 CMS
Min	0.00	0.00	0.00	0.00	0.05	0.04	0.09	0.44	0.12	0.10	0.06	0.05	0.00 CMS
Runoff	0.00	0.04	0.01	0.12	0.46	0.42	1.54	2.67	0.69	0.46	0.20	0.20	6.80 MCM
Momentary Peak	11.60	CMS. at 12.42 m. (MSL.) at 09.00 Hours , on Nov 19, 2005											
Runoff Yield	4.49	Liters/Second/Square KM. Momentary Peak Yield 241.667 Liters/Second/Square KM.											

WATER YEAR : 2005

WEST COAST - GULF BASIN

Huai Yang at Ban Huai Yang , Prachuap Khiri Khan (Gt.17)

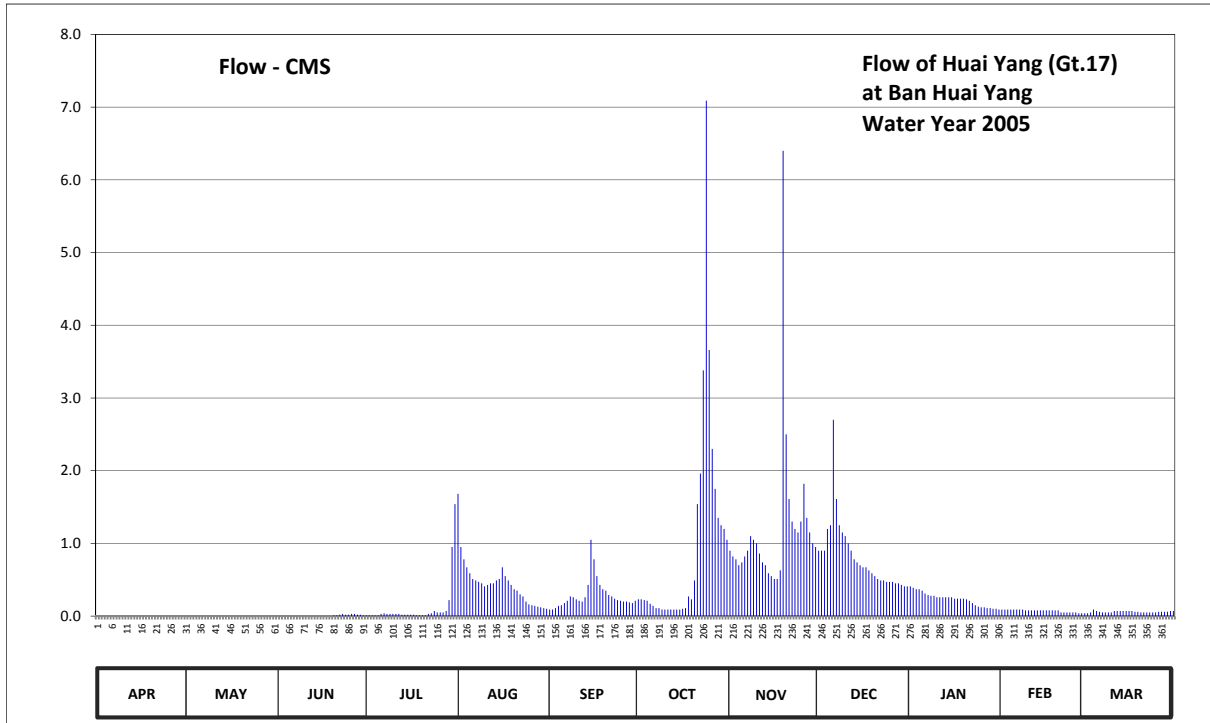
Lat 11 - 36 - 48 N Long 99 - 40 - 09 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 349.

	Ban	Huai Yang	Amphoe	Thap Sakae	Changwat	Prachuap Khiri Khan
Drainage Area	48	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.619	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the abutment of the bridge.				Elevation	+6.367 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings.					
Period of Available Gage Records	1987 to date					
Rating Operation						
Period of Rating	1987 to date					
Rated by Flot	-					
Rated by Current Meter	1987 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Flow effected by the local weir about 200 meters downstream from the gage site. Stage-discharge relation defined by 37 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.15	1.12	1.12	1.17	1.84	1.29	1.43	1.70	1.70	1.55	1.29	1.21	
2	1.15	1.12	1.12	1.16	1.71	1.28	1.43	1.68	1.70	1.54	1.29	1.21	
3	1.15	1.12	1.12	1.16	1.67	1.31	1.42	1.67	1.70	1.53	1.29	1.22	
4	1.15	1.12	1.12	1.17	1.64	1.34	1.41	1.65	1.76	1.53	1.29	1.29	
5	1.14	1.12	1.12	1.17	1.62	1.35	1.37	1.66	1.77	1.52	1.28	1.25	
6	1.14	1.12	1.12	1.19	1.60	1.38	1.34	1.68	1.96	1.50	1.28	1.24	
7	1.14	1.12	1.12	1.21	1.59	1.41	1.31	1.70	1.83	1.48	1.28	1.23	
8	1.14	1.12	1.12	1.20	1.58	1.46	1.31	1.74	1.77	1.47	1.28	1.23	
9	1.14	1.12	1.12	1.20	1.57	1.45	1.29	1.73	1.75	1.47	1.27	1.22	
10	1.14	1.12	1.12	1.19	1.55	1.43	1.28	1.72	1.74	1.45	1.27	1.22	
11	1.14	1.12	1.12	1.19	1.56	1.41	1.28	1.69	1.72	1.45	1.27	1.26	
12	1.14	1.12	1.12	1.19	1.57	1.40	1.28	1.66	1.70	1.45	1.27	1.26	
13	1.13	1.12	1.12	1.18	1.57	1.45	1.29	1.65	1.67	1.45	1.27	1.26	
14	1.13	1.12	1.13	1.18	1.59	1.56	1.28	1.62	1.66	1.45	1.27	1.25	
15	1.13	1.12	1.14	1.18	1.60	1.73	1.29	1.61	1.65	1.45	1.27	1.25	
16	1.13	1.12	1.14	1.18	1.64	1.67	1.30	1.60	1.64	1.44	1.27	1.25	
17	1.13	1.12	1.14	1.18	1.61	1.61	1.31	1.60	1.64	1.44	1.27	1.25	
18	1.13	1.12	1.15	1.17	1.59	1.56	1.46	1.63	1.63	1.44	1.27	1.24	
19	1.13	1.12	1.15	1.17	1.56	1.53	1.43	2.20	1.62	1.44	1.27	1.24	
20	1.12	1.12	1.16	1.17	1.53	1.52	1.59	1.94	1.61	1.43	1.27	1.23	
21	1.12	1.12	1.16	1.17	1.52	1.48	1.82	1.83	1.60	1.41	1.23	1.23	
22	1.12	1.12	1.18	1.19	1.49	1.46	1.88	1.78	1.59	1.38	1.23	1.23	
23	1.12	1.15	1.19	1.21	1.46	1.44	2.02	1.76	1.59	1.35	1.23	1.23	
24	1.12	1.14	1.18	1.25	1.40	1.42	2.23	1.75	1.58	1.33	1.22	1.23	
25	1.12	1.14	1.18	1.23	1.36	1.41	2.04	1.78	1.58	1.32	1.22	1.23	
26	1.12	1.14	1.20	1.22	1.35	1.40	1.92	1.86	1.58	1.32	1.22	1.24	
27	1.12	1.14	1.19	1.22	1.34	1.40	1.85	1.79	1.57	1.31	1.21	1.24	
28	1.12	1.14	1.18	1.26	1.33	1.39	1.79	1.75	1.57	1.31	1.21	1.24	
29	1.12	1.14	1.18	1.42	1.32	1.38	1.77	1.72	1.56	1.30		1.24	
30	1.12	1.14	1.17	1.71	1.31	1.41	1.76	1.71	1.55	1.30		1.25	
31		1.13		1.82	1.30		1.73		1.55	1.29		1.25	
Mean	1.13	1.13	1.15	1.24	1.53	1.44	1.55	1.73	1.66	1.42	1.26	1.24	
Max	1.15	1.15	1.20	1.82	1.84	1.73	2.23	2.20	1.96	1.55	1.29	1.29	2.23
Min	1.12	1.12	1.12	1.16	1.30	1.28	1.28	1.60	1.55	1.29	1.21	1.21	1.12
Annual Max Momentary Gage Height	2.37		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	0.62		m. (MSL.) ,			River Bed	1.11	m. (MSL.)					
Left Bank Elevation		4.50	m. (MSL.) ,										
Right Bank Elevation		4.52	m. (MSL.) ,			Drainage Are	48	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.01	1.68	0.09	0.23	0.90	0.90	0.41	0.09	0.04	
2	0.00	0.00	0.00	0.01	0.95	0.09	0.23	0.82	0.90	0.39	0.09	0.04	
3	0.00	0.00	0.00	0.01	0.78	0.11	0.22	0.78	0.90	0.37	0.09	0.05	
4	0.00	0.00	0.00	0.01	0.67	0.14	0.21	0.70	1.20	0.37	0.09	0.09	
5	0.00	0.00	0.00	0.01	0.59	0.15	0.17	0.74	1.25	0.35	0.09	0.07	
6	0.00	0.00	0.00	0.03	0.51	0.18	0.14	0.82	2.70	0.31	0.09	0.06	
7	0.00	0.00	0.00	0.04	0.49	0.21	0.11	0.90	1.61	0.29	0.09	0.05	
8	0.00	0.00	0.00	0.03	0.47	0.27	0.11	1.10	1.25	0.28	0.09	0.05	
9	0.00	0.00	0.00	0.03	0.45	0.26	0.09	1.05	1.15	0.28	0.08	0.05	
10	0.00	0.00	0.00	0.03	0.41	0.23	0.09	1.00	1.10	0.26	0.08	0.05	
11	0.00	0.00	0.00	0.03	0.43	0.21	0.09	0.86	1.00	0.26	0.08	0.07	
12	0.00	0.00	0.00	0.03	0.45	0.20	0.09	0.74	0.90	0.26	0.08	0.07	
13	0.00	0.00	0.00	0.02	0.45	0.26	0.09	0.70	0.78	0.26	0.08	0.07	
14	0.00	0.00	0.00	0.02	0.49	0.43	0.09	0.59	0.74	0.26	0.08	0.07	
15	0.00	0.00	0.00	0.02	0.51	1.05	0.09	0.55	0.70	0.26	0.08	0.07	
16	0.00	0.00	0.00	0.02	0.67	0.78	0.10	0.51	0.67	0.24	0.08	0.07	
17	0.00	0.00	0.00	0.02	0.55	0.55	0.11	0.51	0.67	0.24	0.08	0.07	
18	0.00	0.00	0.00	0.01	0.49	0.43	0.27	0.63	0.63	0.24	0.08	0.06	
19	0.00	0.00	0.00	0.01	0.43	0.37	0.23	6.40	0.59	0.24	0.08	0.06	
20	0.00	0.00	0.01	0.01	0.37	0.35	0.49	2.50	0.55	0.23	0.08	0.05	
21	0.00	0.00	0.01	0.01	0.35	0.29	1.54	1.61	0.51	0.21	0.05	0.05	
22	0.00	0.00	0.02	0.03	0.30	0.27	1.96	1.30	0.49	0.18	0.05	0.05	
23	0.00	0.00	0.03	0.04	0.27	0.24	3.38	1.20	0.49	0.15	0.05	0.05	
24	0.00	0.00	0.02	0.07	0.20	0.22	7.09	1.15	0.47	0.13	0.05	0.05	
25	0.00	0.00	0.02	0.05	0.16	0.21	3.66	1.30	0.47	0.12	0.05	0.05	
26	0.00	0.00	0.03	0.05	0.15	0.20	2.30	1.82	0.47	0.12	0.05	0.06	
27	0.00	0.00	0.03	0.05	0.14	0.20	1.75	1.35	0.45	0.11	0.04	0.06	
28	0.00	0.00	0.02	0.07	0.13	0.19	1.35	1.15	0.45	0.11	0.04	0.06	
29	0.00	0.00	0.02	0.22	0.12	0.18	1.25	1.00	0.43	0.10		0.06	
30	0.00	0.00	0.01	0.95	0.11	0.21	1.20	0.95	0.41	0.10		0.07	
31		0.00		1.54	0.10		1.05		0.41	0.09		0.07	
Total	0.00	0.00	0.22	3.48	13.87	8.57	29.78	35.63	25.24	7.22	2.06	1.84	127.91 CMSDAY
Mean	0.00	0.00	0.01	0.11	0.45	0.29	0.96	1.19	0.81	0.23	0.07	0.06	0.35 CMS
Max	0.00	0.00	0.03	1.54	1.68	1.05	7.09	6.40	2.70	0.41	0.09	0.09	7.09 CMS
Min	0.00	0.00	0.00	0.01	0.10	0.09	0.09	0.51	0.41	0.09	0.04	0.04	0.00 CMS
Runoff	0.00	0.00	0.02	0.30	1.20	0.74	2.57	3.08	2.18	0.62	0.18	0.16	11.05 MCM
Momentary Peak		10.66		CMS. at 2.37 m. (MSL.) at 06.00 Hours , on Oct 24, 2005									
Runoff Yield		7.30		Liters/Second/Square KM.		Momentary Peak Yield	222.083		Liters/Second/Square KM.				

WATER YEAR : 2005

WEST COAST - GULF BASIN

Khlong Cha Kra at Ban Cha Kra Bon , Prachuap Khiri Khan (Gt.18)

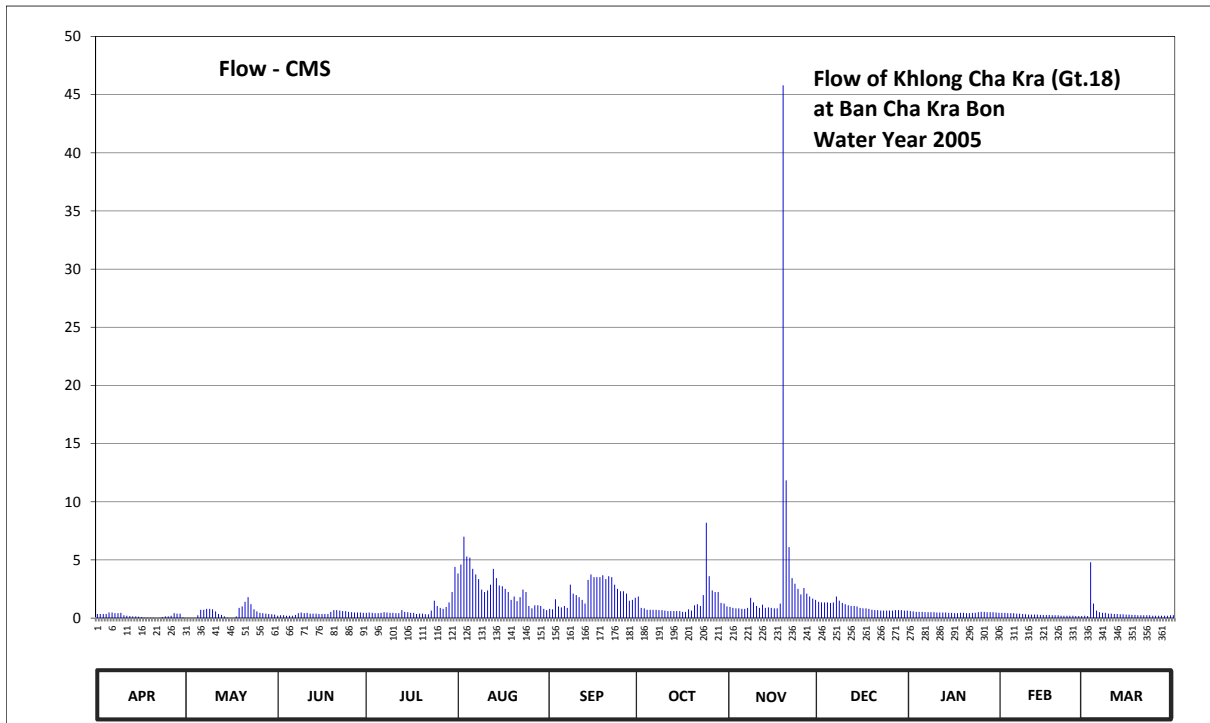
Lat 11 - 26 - 48 N Long 99 - 34 - 09 E

Location : on left bank at the bridge of Phet Kasem Highway.

	Ban Cha Kra Bon	Amphoe Thap Sakae	Changwat Prachuap Khiri Khan
Drainage Area	88 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+11.715 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation	+17.588 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1987 to date		
Rated by Flot	-		
Rated by Current Meter	1987 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 50 discharge measurements made in 2005.		

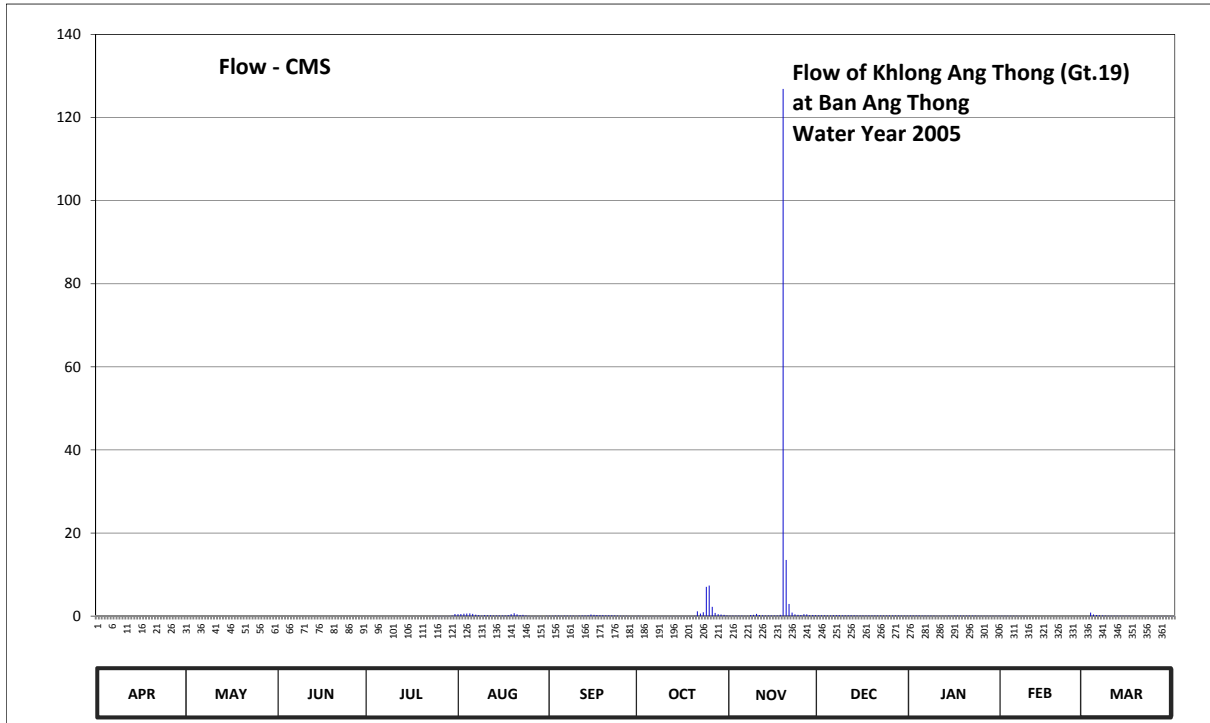
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.92	12.80	12.87	12.95	13.53	13.05	13.26	13.09	13.18	13.00	12.95	12.87	
2	12.92	12.80	12.88	12.96	13.62	13.04	13.07	13.07	13.17	12.99	12.95	12.86	
3	12.92	12.80	12.88	12.95	13.86	13.22	13.06	13.06	13.17	12.98	12.94	13.64	
4	12.92	12.80	12.87	12.94	13.69	13.10	13.03	13.06	13.17	12.98	12.94	13.15	
5	12.96	12.88	12.87	12.94	13.68	13.08	13.03	13.05	13.16	12.98	12.94	13.01	
6	12.96	13.03	12.87	12.95	13.58	13.11	13.03	13.05	13.17	12.97	12.93	12.97	
7	12.94	13.03	12.89	12.97	13.52	13.07	13.03	13.07	13.26	12.97	12.93	12.95	
8	12.94	13.05	12.94	12.96	13.47	13.41	13.02	13.24	13.20	12.97	12.92	12.95	
9	12.95	13.05	12.96	12.95	13.35	13.30	13.02	13.17	13.16	12.97	12.91	12.93	
10	12.88	13.04	12.94	12.95	13.32	13.28	13.01	13.11	13.14	12.96	12.90	12.93	
11	12.87	12.99	12.95	12.94	13.34	13.25	13.00	13.07	13.12	12.96	12.90	12.92	
12	12.86	12.92	12.93	12.94	13.41	13.21	13.00	13.13	13.11	12.96	12.90	12.92	
13	12.85	12.89	12.93	13.02	13.58	13.15	13.00	13.07	13.11	12.96	12.90	12.91	
14	12.85	12.85	12.93	12.98	13.48	13.46	13.00	13.08	13.10	12.95	12.89	12.91	
15	12.84	12.81	12.92	12.97	13.40	13.52	13.00	13.07	13.07	12.95	12.89	12.90	
16	12.83	12.80	12.92	12.95	13.39	13.49	12.98	13.06	13.06	12.94	12.89	12.90	
17	12.81	12.80	12.92	12.95	13.36	13.49	12.98	13.06	13.06	12.94	12.89	12.89	
18	12.81	12.85	12.92	12.92	13.32	13.49	13.04	13.15	13.05	12.95	12.88	12.89	
19	12.81	13.07	12.98	12.93	13.21	13.51	13.01	16.22	13.03	12.95	12.88	12.88	
20	12.81	13.10	13.02	12.93	13.26	13.47	13.12	14.28	13.02	12.94	12.88	12.88	
21	12.80	13.18	13.02	12.91	13.19	13.50	13.14	13.77	13.02	12.94	12.87	12.88	
22	12.79	13.25	13.01	12.91	13.25	13.49	13.11	13.48	13.01	12.95	12.87	12.88	
23	12.83	13.14	13.00	13.01	13.35	13.41	13.28	13.42	13.01	12.95	12.87	12.88	
24	12.85	13.04	13.00	13.20	13.32	13.36	13.98	13.36	13.01	12.97	12.87	12.87	
25	12.85	12.99	12.98	13.11	13.11	13.33	13.50	13.29	13.01	12.98	12.87	12.87	
26	12.87	12.95	12.97	13.07	13.06	13.33	13.34	13.37	13.01	12.98	12.86	12.87	
27	12.94	12.94	12.96	13.05	13.12	13.30	13.32	13.30	13.02	12.97	12.86	12.87	
28	12.93	12.93	12.96	13.09	13.12	13.20	13.32	13.26	13.02	12.97	12.86	12.87	
29	12.93	12.92	12.96	13.17	13.11	13.21	13.16	13.23	13.02	12.97		12.87	
30	12.82	12.91	12.95	13.32	13.05	13.24	13.15	13.21	13.01	12.96		12.88	
31		12.90		13.60	13.02		13.10		13.01	12.95		12.88	
Mean	12.88	12.95	12.94	13.02	13.36	13.30	13.13	13.33	13.09	12.96	12.90	12.93	
Max	12.96	13.25	13.02	13.60	13.86	13.52	13.98	16.22	13.26	13.00	12.95	13.64	16.22
Min	12.79	12.80	12.87	12.91	13.02	13.04	12.98	13.05	13.01	12.94	12.86	12.86	12.79
Annual Max Momentary Gage Height	16.49		m. (MSL.) ,				at 18.00 Hours ,						on Aug 3, 2005
Zero Gage at Bottom Elevation	11.72		m. (MSL.) ,			River Bed	12.80		m. (MSL.)				
Left Bank Elevation		17.12		m. (MSL.) ,									
Right Bank Elevation		17.22		m. (MSL.) ,		Drainage Are	88		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.36	0.00	0.21	0.45	3.84	0.80	1.86	0.96	1.40	0.60	0.45	0.21	
2	0.36	0.00	0.24	0.48	4.60	0.76	0.88	0.88	1.35	0.57	0.45	0.18	
3	0.36	0.00	0.24	0.45	7.00	1.62	0.84	0.84	1.35	0.54	0.42	4.80	
4	0.36	0.00	0.21	0.42	5.30	1.00	0.72	0.84	1.35	0.54	0.42	1.25	
5	0.48	0.24	0.21	0.42	5.20	0.92	0.72	0.80	1.30	0.54	0.42	0.64	
6	0.48	0.72	0.21	0.45	4.24	1.05	0.72	0.80	1.35	0.51	0.39	0.51	
7	0.42	0.72	0.27	0.51	3.76	0.88	0.72	0.88	1.86	0.51	0.39	0.45	
8	0.42	0.80	0.42	0.48	3.36	2.88	0.68	1.74	1.50	0.51	0.36	0.45	
9	0.45	0.80	0.48	0.45	2.45	2.10	0.68	1.35	1.30	0.51	0.33	0.39	
10	0.24	0.76	0.42	0.45	2.24	1.98	0.64	1.05	1.20	0.48	0.30	0.39	
11	0.21	0.57	0.45	0.42	2.38	1.80	0.60	0.88	1.10	0.48	0.30	0.36	
12	0.18	0.36	0.39	0.42	2.88	1.56	0.60	1.15	1.05	0.48	0.30	0.36	
13	0.15	0.27	0.39	0.68	4.24	1.25	0.60	0.88	1.05	0.48	0.30	0.33	
14	0.15	0.15	0.39	0.54	3.44	3.28	0.60	0.92	1.00	0.45	0.27	0.33	
15	0.12	0.03	0.36	0.51	2.80	3.76	0.60	0.88	0.88	0.45	0.27	0.30	
16	0.09	0.00	0.36	0.45	2.73	3.52	0.54	0.84	0.84	0.42	0.27	0.30	
17	0.03	0.00	0.36	0.45	2.52	3.52	0.54	0.84	0.84	0.42	0.27	0.27	
18	0.03	0.15	0.36	0.36	2.24	3.52	0.76	1.25	0.80	0.45	0.24	0.27	
19	0.03	0.88	0.54	0.39	1.56	3.68	0.64	45.80	0.72	0.45	0.24	0.24	
20	0.03	1.00	0.68	0.39	1.86	3.36	1.10	11.84	0.68	0.42	0.24	0.24	
21	0.00	1.40	0.68	0.33	1.45	3.60	1.20	6.10	0.68	0.42	0.21	0.24	
22	0.00	1.80	0.64	0.33	1.80	3.52	1.05	3.44	0.64	0.45	0.21	0.24	
23	0.09	1.20	0.60	0.64	2.45	2.88	1.98	2.96	0.64	0.45	0.21	0.24	
24	0.15	0.76	0.60	1.50	2.24	2.52	8.20	2.52	0.64	0.51	0.21	0.21	
25	0.15	0.57	0.54	1.05	1.05	2.31	3.60	2.04	0.64	0.54	0.21	0.21	
26	0.21	0.45	0.51	0.88	0.84	2.31	2.38	2.59	0.64	0.54	0.18	0.21	
27	0.42	0.42	0.48	0.80	1.10	2.10	2.24	2.10	0.68	0.51	0.18	0.21	
28	0.39	0.39	0.48	0.96	1.10	1.50	2.24	1.86	0.68	0.51	0.18	0.21	
29	0.39	0.36	0.48	1.35	1.05	1.56	1.30	1.68	0.68	0.51		0.21	
30	0.06	0.33	0.45	2.24	0.80	1.74	1.25	1.56	0.64	0.48		0.24	
31		0.30		4.40	0.68		1.00		0.64	0.45		0.24	
Total	6.81	15.43	12.65	23.65	83.20	67.28	41.48	102.27	30.12	15.18	8.22	14.73	421.02 CMSDAY
Mean	0.23	0.50	0.42	0.76	2.68	2.24	1.34	3.41	0.97	0.49	0.29	0.48	1.15 CMS
Max	0.48	1.80	0.68	4.40	7.00	3.76	8.20	45.80	1.86	0.60	0.45	4.80	45.80 CMS
Min	0.00	0.00	0.21	0.33	0.68	0.76	0.54	0.80	0.64	0.42	0.18	0.18	0.00 CMS
Runoff	0.59	1.33	1.09	2.04	7.19	5.81	3.58	8.84	2.60	1.31	0.71	1.27	36.38 MCM
Momentary Peak	51.20 CMS. at 16.49 m. (MSL.) at 18.00 Hours , on Aug 3, 2005												
Runoff Yield	13.11 Liters/Second/Square KM. Momentary Peak Yield 581.818 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.47	0.07	0.07	0.13	0.20	0.14	0.09	0.01	
2	0.00	0.00	0.00	0.00	0.50	0.08	0.05	0.12	0.19	0.15	0.08	0.01	
3	0.00	0.00	0.00	0.00	0.58	0.11	0.04	0.11	0.18	0.15	0.08	0.84	
4	0.00	0.00	0.00	0.00	0.61	0.10	0.05	0.11	0.16	0.14	0.08	0.38	
5	0.01	0.00	0.00	0.00	0.64	0.09	0.04	0.10	0.17	0.13	0.07	0.26	
6	0.00	0.00	0.00	0.00	0.54	0.12	0.03	0.09	0.22	0.12	0.06	0.20	
7	0.00	0.00	0.00	0.00	0.36	0.11	0.03	0.09	0.22	0.12	0.05	0.15	
8	0.00	0.00	0.00	0.00	0.24	0.13	0.04	0.28	0.22	0.11	0.04	0.11	
9	0.00	0.00	0.00	0.00	0.11	0.10	0.03	0.30	0.20	0.10	0.02	0.09	
10	0.00	0.00	0.00	0.00	0.22	0.08	0.02	0.54	0.20	0.09	0.01	0.08	
11	0.00	0.00	0.00	0.00	0.20	0.13	0.02	0.28	0.19	0.09	0.01	0.06	
12	0.00	0.00	0.00	0.00	0.18	0.15	0.02	0.19	0.19	0.09	0.01	0.06	
13	0.00	0.00	0.00	0.00	0.17	0.17	0.02	0.14	0.18	0.09	0.01	0.06	
14	0.00	0.00	0.00	0.00	0.16	0.20	0.02	0.14	0.17	0.10	0.01	0.06	
15	0.00	0.00	0.00	0.00	0.15	0.38	0.02	0.15	0.16	0.08	0.01	0.07	
16	0.00	0.00	0.00	0.00	0.15	0.30	0.02	0.16	0.15	0.12	0.01	0.06	
17	0.00	0.00	0.00	0.00	0.14	0.26	0.02	0.15	0.15	0.12	0.01	0.05	
18	0.00	0.00	0.00	0.00	0.24	0.24	0.02	0.30	0.14	0.13	0.01	0.04	
19	0.00	0.00	0.00	0.00	0.47	0.22	0.02	126.90	0.14	0.13	0.01	0.04	
20	0.00	0.00	0.00	0.00	0.68	0.20	0.08	13.50	0.15	0.13	0.01	0.04	
21	0.00	0.00	0.00	0.00	0.44	0.20	1.15	2.94	0.15	0.12	0.01	0.04	
22	0.00	0.00	0.00	0.00	0.28	0.18	0.61	0.84	0.15	0.11	0.01	0.04	
23	0.00	0.00	0.00	0.01	0.30	0.14	0.93	0.44	0.15	0.10	0.01	0.04	
24	0.00	0.00	0.00	0.04	0.17	0.10	7.05	0.32	0.14	0.08	0.01	0.04	
25	0.00	0.00	0.00	0.02	0.07	0.08	7.35	0.26	0.14	0.06	0.01	0.04	
26	0.00	0.00	0.00	0.02	0.05	0.08	2.22	0.47	0.14	0.06	0.01	0.04	
27	0.00	0.00	0.00	0.04	0.05	0.07	0.75	0.44	0.14	0.06	0.01	0.04	
28	0.00	0.00	0.00	0.04	0.02	0.05	0.47	0.24	0.14	0.06	0.01	0.04	
29	0.00	0.00	0.00	0.04	0.02	0.02	0.38	0.26	0.13	0.06	0.01	0.04	
30	0.00	0.00	0.00	0.11	0.01	0.04	0.32	0.22	0.13	0.08	0.01	0.03	
31	0.00	0.00	0.00	0.50	0.08	0.15	0.15	0.13	0.09	0.09	0.01	0.03	
Total	0.01	0.00	0.00	0.82	8.30	4.20	22.04	150.21	5.12	3.21	0.76	3.09	197.76 CMSDAY
Mean	0.00	0.00	0.00	0.03	0.27	0.14	0.71	5.01	0.17	0.10	0.03	0.10	0.54 CMS
Max	0.01	0.00	0.00	0.50	0.68	0.38	7.35	126.90	0.22	0.15	0.09	0.84	126.90 CMS
Min	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.09	0.13	0.06	0.01	0.01	0.00 CMS
Runoff	0.00	0.00	0.00	0.07	0.72	0.36	1.90	12.98	0.44	0.28	0.07	0.27	17.09 MCM
Momentary Peak	144.55	CMS.	at 17.47 m. (MSL.)	at 12.00 Hours	on Nov 19, 2005								
Runoff Yield	8.88	Liters/Second/Square KM.			Momentary Peak Yield	2369.672	Liters/Second/Square KM.						

WATER YEAR : 2005

KUI BURI RIVER BASIN

Kui Buri River at Ban Thung Faek , Prachuap Khiri Khan (Ky.3)

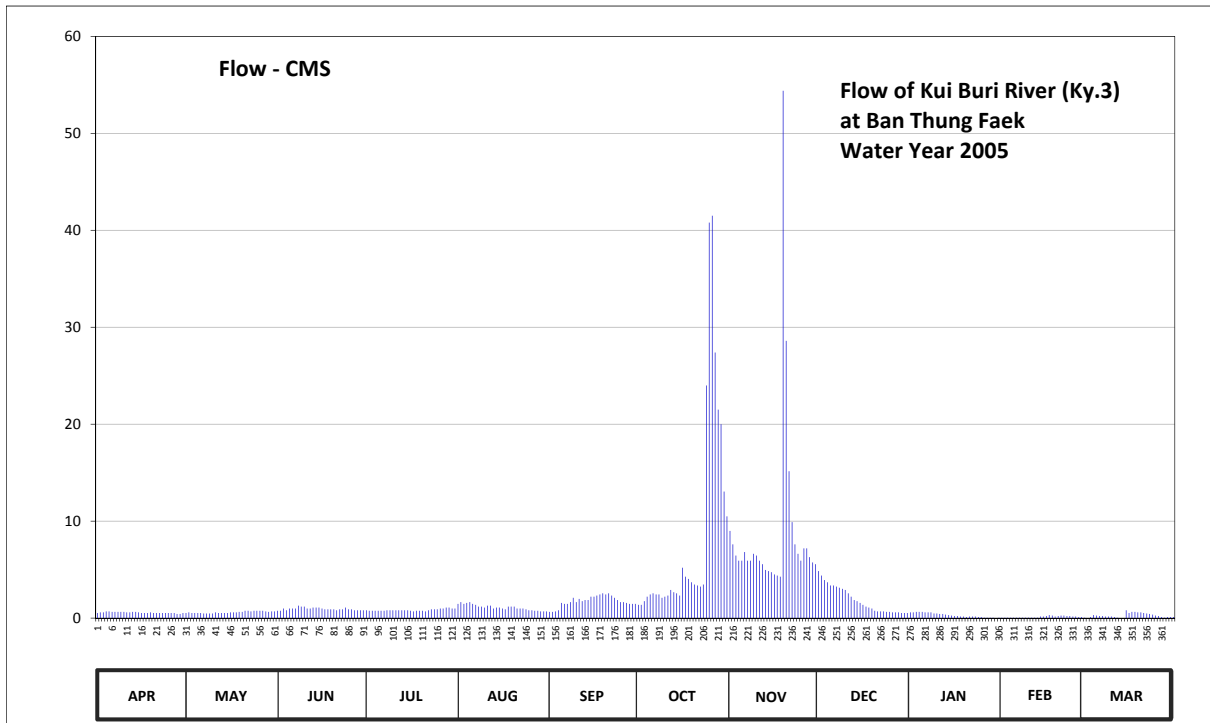
Lat 12 - 05 - 46 N Long 99 - 47 - 26 E

Location : on left bank at Bunchuai Bamrungrat Bridge near Wat Udom Wararam.

	Ban Thung Faek	Amphoe Kui Buri	Changwat Prachuap Khiri Khan
Drainage Area	537 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+19.789 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 1 meter from the top staff gage.	Elevation	+25.925 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1997 to date		
Rating Operation			
Period of Rating	1997 to date		
Rated by Flot	-		
Rated by Current Meter	1997 to date		
Stability of Channel Regimes	Fairly stable by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 38 discharge measurements made in 2005.		

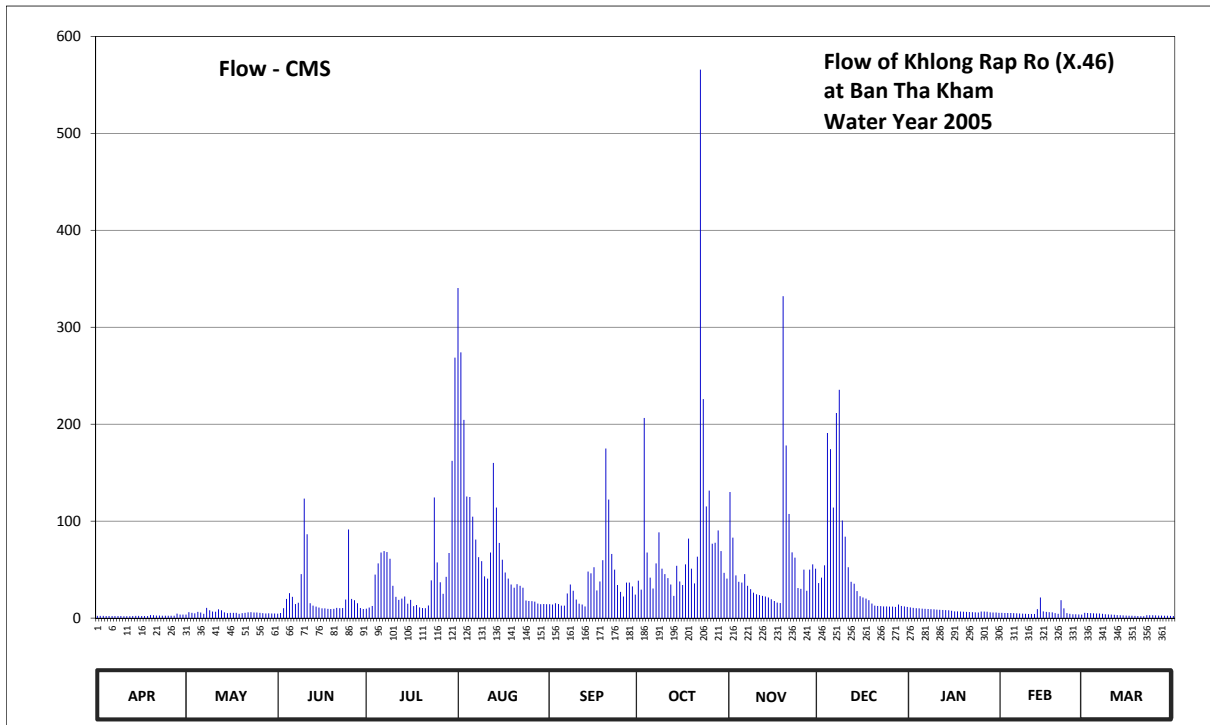
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.75	21.75	21.79	21.80	21.87	21.77	21.86	22.40	22.17	21.76	21.66	21.66	
2	21.76	21.76	21.79	21.79	21.89	21.77	21.86	22.33	22.13	21.76	21.66	21.65	
3	21.76	21.75	21.82	21.79	21.87	21.78	21.90	22.27	22.09	21.77	21.66	21.67	
4	21.78	21.75	21.80	21.79	21.88	21.80	21.94	22.24	22.07	21.77	21.66	21.71	
5	21.78	21.75	21.82	21.79	21.89	21.88	21.96	22.24	22.04	21.77	21.66	21.70	
6	21.77	21.75	21.82	21.79	21.87	21.87	21.97	22.29	22.04	21.76	21.66	21.69	
7	21.77	21.74	21.82	21.79	21.86	21.87	21.96	22.24	22.03	21.76	21.66	21.69	
8	21.77	21.74	21.85	21.80	21.84	21.89	21.96	22.24	22.02	21.76	21.66	21.68	
9	21.77	21.74	21.84	21.80	21.84	21.93	21.93	22.28	22.01	21.74	21.66	21.68	
10	21.77	21.74	21.84	21.80	21.83	21.89	21.94	22.27	22.00	21.74	21.66	21.68	
11	21.76	21.76	21.82	21.80	21.85	21.92	21.95	22.24	21.97	21.73	21.66	21.67	
12	21.76	21.75	21.82	21.80	21.85	21.90	22.00	22.22	21.94	21.73	21.66	21.66	
13	21.77	21.75	21.83	21.80	21.82	21.91	21.98	22.18	21.91	21.72	21.66	21.65	
14	21.77	21.75	21.83	21.80	21.83	21.91	21.97	22.17	21.90	21.71	21.68	21.65	
15	21.76	21.75	21.83	21.80	21.83	21.94	21.95	22.16	21.88	21.70	21.68	21.80	
16	21.75	21.76	21.82	21.79	21.82	21.94	22.20	22.14	21.86	21.69	21.69	21.75	
17	21.75	21.76	21.81	21.78	21.81	21.95	22.12	22.13	21.84	21.69	21.71	21.77	
18	21.75	21.76	21.81	21.79	21.84	21.96	22.10	22.12	21.83	21.68	21.70	21.77	
19	21.76	21.77	21.81	21.79	21.84	21.97	22.07	23.23	21.82	21.68	21.68	21.76	
20	21.75	21.77	21.81	21.79	21.84	21.96	22.05	22.86	21.79	21.67	21.69	21.76	
21	21.75	21.79	21.80	21.78	21.82	21.97	22.04	22.59	21.78	21.68	21.70	21.75	
22	21.75	21.79	21.81	21.80	21.82	21.95	22.03	22.43	21.78	21.68	21.70	21.74	
23	21.75	21.78	21.81	21.81	21.82	21.93	22.05	22.33	21.78	21.68	21.69	21.73	
24	21.75	21.79	21.83	21.81	21.81	21.91	22.78	22.28	21.77	21.67	21.69	21.72	
25	21.75	21.79	21.81	21.81	21.80	21.89	23.04	22.24	21.77	21.67	21.68	21.70	
26	21.75	21.79	21.81	21.82	21.80	21.89	23.05	22.31	21.76	21.66	21.68	21.69	
27	21.75	21.79	21.80	21.82	21.79	21.88	22.84	22.31	21.76	21.66	21.67	21.67	
28	21.73	21.78	21.80	21.83	21.79	21.87	22.73	22.26	21.76	21.66	21.67	21.66	
29	21.73	21.77	21.80	21.83	21.78	21.87	22.70	22.23	21.75	21.66		21.67	
30	21.75	21.78	21.80	21.82	21.78	21.87	22.53	22.22	21.75	21.65		21.67	
31		21.78		21.82	21.78		22.45		21.75	21.66		21.67	
Mean	21.76	21.76	21.81	21.80	21.83	21.89	22.19	22.32	21.90	21.71	21.67	21.70	
Max	21.78	21.79	21.85	21.83	21.89	21.97	23.05	23.23	22.17	21.77	21.71	21.80	23.23
Min	21.73	21.74	21.79	21.78	21.78	21.77	21.86	22.12	21.75	21.65	21.66	21.65	21.65
Annual Max Momentary Gage Height	23.31		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	19.79		m. (MSL.) ,			River Bed	21.53	m. (MSL.)					
Left Bank Elevation		24.25		m. (MSL.) ,									
Right Bank Elevation		24.56		m. (MSL.) ,		Drainage Are	537	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.53	0.53	0.75	0.80	1.47	0.64	1.37	9.00	4.85	0.59	0.05	0.05	
2	0.59	0.59	0.75	0.75	1.65	0.64	1.37	7.60	4.39	0.59	0.05	0.00	
3	0.59	0.53	0.99	0.75	1.47	0.69	1.75	6.46	3.93	0.64	0.05	0.11	
4	0.69	0.53	0.80	0.75	1.56	0.80	2.21	5.92	3.70	0.64	0.05	0.32	
5	0.69	0.53	0.99	0.75	1.65	1.56	2.44	5.92	3.36	0.64	0.05	0.27	
6	0.64	0.53	0.99	0.75	1.47	1.47	2.55	6.82	3.36	0.59	0.05	0.21	
7	0.64	0.48	0.99	0.75	1.37	1.47	2.44	5.92	3.25	0.59	0.05	0.21	
8	0.64	0.48	1.28	0.80	1.18	1.65	2.44	5.92	3.13	0.59	0.05	0.16	
9	0.64	0.48	1.18	0.80	1.18	2.10	2.10	6.64	3.02	0.48	0.05	0.16	
10	0.64	0.48	1.18	0.80	1.09	1.65	2.21	6.46	2.90	0.48	0.05	0.16	
11	0.59	0.59	0.99	0.80	1.28	1.98	2.33	5.92	2.55	0.43	0.05	0.11	
12	0.59	0.53	0.99	0.80	1.28	1.75	2.90	5.56	2.21	0.43	0.05	0.05	
13	0.64	0.53	1.09	0.80	0.99	1.87	2.67	4.97	1.87	0.37	0.05	0.00	
14	0.64	0.53	1.09	0.80	1.09	1.87	2.55	4.85	1.75	0.32	0.16	0.00	
15	0.59	0.53	1.09	0.80	1.09	2.21	2.33	4.74	1.56	0.27	0.16	0.80	
16	0.53	0.59	0.99	0.75	0.99	2.21	5.20	4.51	1.37	0.21	0.21	0.53	
17	0.53	0.59	0.90	0.69	0.90	2.33	4.28	4.39	1.18	0.21	0.32	0.64	
18	0.53	0.59	0.90	0.75	1.18	2.44	4.05	4.28	1.09	0.16	0.27	0.64	
19	0.59	0.64	0.90	0.75	1.18	2.55	3.70	54.40	0.99	0.16	0.16	0.59	
20	0.53	0.64	0.90	0.75	1.18	2.44	3.47	28.60	0.75	0.11	0.21	0.59	
21	0.53	0.75	0.80	0.69	0.99	2.55	3.36	15.15	0.69	0.16	0.27	0.53	
22	0.53	0.75	0.90	0.80	0.99	2.33	3.25	9.90	0.69	0.16	0.27	0.48	
23	0.53	0.69	0.90	0.90	0.99	2.10	3.47	7.60	0.69	0.16	0.21	0.43	
24	0.53	0.75	1.09	0.90	0.90	1.87	24.00	6.64	0.64	0.11	0.21	0.37	
25	0.53	0.75	0.90	0.90	0.80	1.65	40.80	5.92	0.64	0.11	0.16	0.27	
26	0.53	0.75	0.90	0.99	0.80	1.65	41.50	7.20	0.59	0.05	0.16	0.21	
27	0.53	0.75	0.80	0.99	0.75	1.56	27.40	7.20	0.59	0.05	0.11	0.11	
28	0.43	0.69	0.80	1.09	0.75	1.47	21.50	6.28	0.59	0.05	0.11	0.05	
29	0.43	0.64	0.80	1.09	0.69	1.47	20.00	5.74	0.53	0.05		0.11	
30	0.53	0.69	0.80	0.99	0.69	1.47	13.05	5.56	0.53	0.00		0.11	
31		0.69		0.99	0.69		10.50		0.53	0.05		0.11	
Total	17.15	18.82	28.43	25.72	34.29	52.44	263.19	266.07	57.92	9.45	3.64	8.38	785.50 CMSDAY
Mean	0.57	0.61	0.95	0.83	1.11	1.75	8.49	8.87	1.87	0.30	0.13	0.27	2.15 CMS
Max	0.69	0.75	1.28	1.09	1.65	2.55	41.50	54.40	4.85	0.64	0.32	0.80	54.40 CMS
Min	0.43	0.48	0.75	0.69	0.69	0.64	1.37	4.28	0.53	0.00	0.05	0.00	0.00 CMS
Runoff	1.48	1.63	2.46	2.22	2.96	4.53	22.74	22.99	5.00	0.82	0.31	0.72	67.87 MCM
Momentary Peak	60.80	CMS. at 23.31 m. (MSL.) at 12.00 Hours , on Nov 19, 2005											
Runoff Yield	4.01	Liters/Second/Square KM. Momentary Peak Yield 113.222 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.30	3.60	4.60	9.80	340.50	14.30	38.60	130.10	36.20	11.00	5.40	5.50		
2	2.30	6.10	5.20	10.80	274.20	14.00	29.40	83.00	41.70	10.60	5.20	5.20		
3	2.30	5.40	10.20	12.50	204.40	15.30	206.40	44.00	54.40	10.20	5.20	5.10		
4	2.20	4.90	19.80	44.80	125.40	14.50	67.70	37.40	191.00	10.00	5.20	4.90		
5	2.20	6.40	25.80	56.40	124.90	12.80	41.70	36.60	174.30	9.80	5.10	4.80		
6	2.20	5.80	22.00	67.70	104.70	12.80	30.60	45.30	114.00	9.60	4.90	4.80		
7	2.10	4.50	14.50	69.20	81.00	25.40	56.40	33.40	211.60	9.40	4.80	4.50		
8	2.10	10.60	15.80	68.20	62.80	34.60	88.40	29.80	235.50	9.20	4.60	4.00		
9	2.10	8.00	45.30	61.30	58.80	28.20	51.00	26.20	100.70	9.00	4.50	3.80		
10	2.00	6.70	123.30	33.40	43.00	19.10	45.30	24.60	84.00	8.80	4.30	3.60		
11	2.00	6.60	86.40	22.00	40.80	14.80	41.20	23.80	52.40	8.60	4.30	3.40		
12	2.00	9.00	15.30	18.80	67.70	14.00	34.60	23.00	37.40	8.40	4.20	3.10		
13	2.20	8.00	12.80	20.20	160.00	12.00	23.00	22.30	35.40	8.20	9.20	3.00		
14	2.30	6.00	11.80	22.30	114.00	48.00	53.90	21.20	27.80	8.00	21.20	2.80		
15	2.30	5.10	10.80	14.80	77.60	46.20	37.80	19.50	22.60	7.60	7.00	2.60		
16	2.20	5.50	10.00	18.80	60.30	52.40	34.20	17.70	21.20	7.00	6.40	2.50		
17	2.20	5.50	10.00	12.30	47.10	28.60	55.40	16.00	20.20	6.90	6.10	2.40		
18	2.20	5.40	9.60	13.50	40.80	37.80	82.00	15.50	18.50	6.70	6.00	2.30		
19	3.20	4.50	9.40	11.00	34.60	59.80	51.00	332.00	15.00	6.60	5.10	2.20		
20	3.00	5.10	9.60	10.40	31.40	174.90	35.80	178.10	12.80	6.40	4.50	2.00		
21	2.70	5.50	10.60	10.20	35.00	122.30	63.30	107.50	12.50	6.30	18.50	1.90		
22	2.70	6.00	10.20	13.00	33.40	66.20	565.70	67.80	12.30	6.10	10.00	3.00		
23	2.50	6.10	10.40	39.00	31.40	50.00	225.90	62.30	12.00	6.00	5.10	3.00		
24	2.50	5.80	19.10	124.40	18.10	34.20	115.20	31.00	12.00	5.80	4.50	3.00		
25	2.50	5.70	91.40	57.40	17.70	27.00	131.50	30.20	11.80	6.70	4.00	2.80		
26	2.40	5.40	19.80	37.00	17.40	22.30	76.70	50.00	11.80	6.70	3.90	2.70		
27	2.40	5.10	18.50	25.00	17.00	36.60	77.70	28.20	11.50	6.60	3.80	2.60		
28	4.60	4.80	15.30	42.60	15.00	36.60	90.40	50.00	14.00	6.00	3.70	2.50		
29	3.70	4.90	10.40	67.20	14.30	32.60	69.20	55.40	12.50	5.80		2.40		
30	3.60	4.80	9.40	162.20	14.50	24.20	46.70	51.00	12.00	5.70		2.30		
31		4.80		268.60	14.30		40.80		11.50	5.50		2.20		
Total	75.00	181.60	687.30	1444.80	2322.10	1131.50	2607.50	1692.90	1640.60	239.20	176.70	100.90	12300.10	CMSDAY
Mean	2.50	5.90	22.90	46.60	74.90	37.70	84.10	56.40	52.90	7.70	6.30	3.30	33.70	CMS
Max	4.60	10.60	123.30	268.60	340.50	174.90	565.70	332.00	235.50	11.00	21.20	5.50	565.70	CMS
Min	2.00	3.60	4.60	9.80	14.30	12.00	23.00	15.50	11.50	5.50	3.70	1.90	1.90	CMS
Runoff	6.48	15.69	59.38	124.83	200.63	97.76	225.29	146.27	141.75	20.67	15.27	8.72	1062.73	MCM
Momentary Peak	747.60	CMS.	at 14.93 m. (MSL.) at 14.00 Hours , on Oct 22, 2005											
Runoff Yield	43.98	Liters/Second/Square KM.			Momentary Peak Yield	975.763	Liters/Second/Square KM.							

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Chumphon at Ban Wang Phai , Chumphon (X.53A)

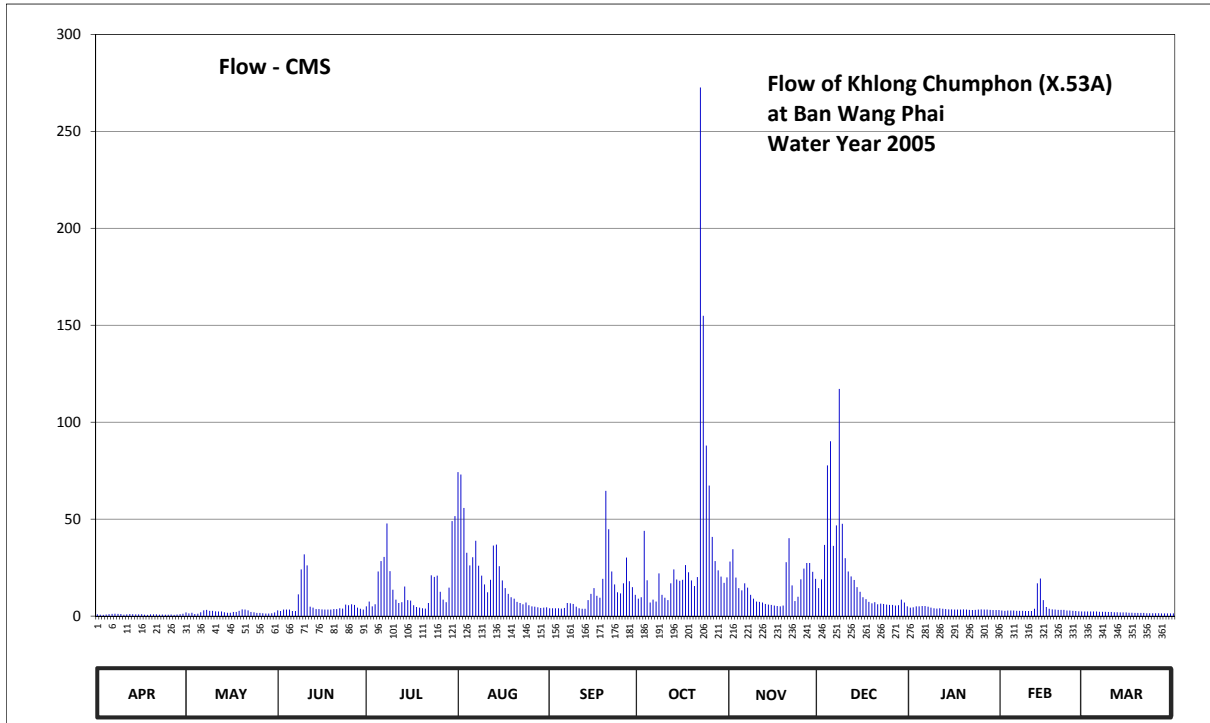
Lat 10 - 30 - 20 N Long 99 - 07 - 15 E

Location : on left bank about 9.50 kilometers downstream from X.53 station.

	Ban Wang Phai	Amphoe Mueang	Changwat Chumphon
Drainage Area	296 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 3.30 meters from the top staff gage.	Elevation	+10.538 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1991 to date		
Rating Operation			
Period of Rating	1991 to date		
Rated by Flot	-		
Rated by Current Meter	1991 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 68 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.32	2.43	2.52	2.66	6.25	2.60	2.86	3.94	3.07	2.62	2.51	2.47	
2	2.30	2.39	2.49	2.80	6.20	2.60	2.89	4.34	3.28	2.63	2.50	2.47	
3	2.29	2.42	2.55	2.66	5.44	2.60	4.85	3.35	4.47	2.66	2.51	2.47	
4	2.31	2.34	2.55	2.72	4.24	2.60	3.24	3.07	6.39	2.66	2.51	2.47	
5	2.33	2.37	2.55	3.60	3.81	2.59	2.77	3.03	6.88	2.67	2.51	2.47	
6	2.35	2.44	2.49	3.96	4.09	2.61	2.84	3.16	4.44	2.67	2.50	2.46	
7	2.36	2.52	2.49	4.10	4.59	2.76	2.80	3.08	4.99	2.65	2.50	2.46	
8	2.35	2.54	2.95	5.04	3.80	2.75	3.52	2.94	7.79	2.62	2.50	2.46	
9	2.34	2.50	3.67	3.61	3.43	2.73	2.94	2.86	5.03	2.60	2.49	2.45	
10	2.30	2.50	4.19	3.04	3.14	2.65	2.88	2.80	4.06	2.59	2.49	2.45	
11	2.32	2.48	3.81	2.84	2.99	2.60	2.83	2.79	3.60	2.60	2.49	2.44	
12	2.34	2.47	2.65	2.76	3.26	2.58	3.16	2.77	3.40	2.58	2.58	2.44	
13	2.33	2.47	2.62	2.78	4.45	2.58	3.67	2.73	3.25	2.57	3.16	2.43	
14	2.32	2.44	2.57	3.10	4.48	2.83	3.27	2.71	3.09	2.56	3.31	2.43	
15	2.32	2.42	2.57	2.83	3.78	2.96	3.22	2.70	3.00	2.56	2.83	2.43	
16	2.33	2.42	2.56	2.82	3.23	3.07	3.26	2.68	2.89	2.55	2.64	2.42	
17	2.30	2.45	2.55	2.69	3.07	2.92	3.82	2.67	2.85	2.55	2.58	2.42	
18	2.29	2.45	2.55	2.64	2.96	2.88	3.57	2.66	2.79	2.55	2.56	2.41	
19	2.32	2.50	2.55	2.62	2.89	3.30	3.23	2.68	2.75	2.56	2.55	2.41	
20	2.32	2.56	2.57	2.60	2.86	5.85	3.11	3.92	2.78	2.55	2.54	2.41	
21	2.32	2.55	2.57	2.59	2.79	4.89	3.37	4.66	2.72	2.54	2.54	2.41	
22	2.30	2.52	2.60	2.76	2.76	3.60	9.56	3.12	2.74	2.53	2.54	2.40	
23	2.31	2.45	2.59	3.44	2.72	3.14	8.57	2.81	2.73	2.54	2.51	2.40	
24	2.30	2.44	2.71	3.38	2.77	2.99	6.80	2.90	2.71	2.55	2.51	2.40	
25	2.30	2.41	2.69	3.43	2.69	2.97	5.97	3.28	2.70	2.56	2.50	2.40	
26	2.31	2.41	2.72	3.00	2.66	3.16	4.69	3.70	2.70	2.55	2.49	2.40	
27	2.29	2.40	2.70	2.84	2.65	4.08	3.96	3.89	2.68	2.55	2.48	2.39	
28	2.31	2.38	2.62	2.78	2.63	3.20	3.64	3.89	2.69	2.54	2.47	2.39	
29	2.33	2.38	2.58	3.08	2.61	3.09	3.39	3.59	2.84	2.53		2.39	
30	2.37	2.40	2.55	5.10	2.62	2.94	3.17	3.30	2.77	2.53		2.39	
31		2.43		5.23	2.63		3.36		2.66	2.53		2.39	
Mean	2.32	2.45	2.73	3.21	3.50	3.07	3.91	3.20	3.57	2.58	2.58	2.43	
Max	2.37	2.56	4.19	5.23	6.25	5.85	9.56	4.66	7.79	2.67	3.31	2.47	9.56
Min	2.29	2.34	2.49	2.59	2.61	2.58	2.77	2.66	2.66	2.53	2.47	2.39	2.29
Annual Max Momentary Gage Height	9.78												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation		10.26											
Right Bank Elevation		10.41											
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Annual Max Momentary Gage Height													
Zero Gage at Bottom Elevation													
Left Bank Elevation													
Right Bank Elevation													



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.90	1.88	3.00	5.05	74.25	4.00	9.00	28.10	14.42	4.35	2.88	2.38	
2	0.75	1.43	2.63	7.50	73.00	4.00	9.75	34.45	19.00	4.53	2.75	2.38	
3	0.67	1.75	3.38	5.05	55.80	4.00	44.00	19.87	36.72	5.05	2.88	2.38	
4	0.82	1.05	3.38	6.10	32.70	4.00	18.50	14.42	77.75	5.05	2.88	2.38	
5	0.97	1.27	3.38	23.00	26.15	3.88	6.98	13.32	90.20	5.23	2.88	2.38	
6	1.12	2.00	2.63	28.40	30.35	4.17	8.50	16.90	36.20	5.23	2.75	2.25	
7	1.20	3.00	2.63	30.50	38.83	6.80	7.50	14.70	46.80	4.88	2.75	2.25	
8	1.12	3.25	11.25	47.80	26.00	6.63	22.00	11.00	117.17	4.35	2.75	2.25	
9	1.05	2.75	24.05	23.15	20.88	6.28	11.00	9.00	47.60	4.00	2.63	2.13	
10	0.75	2.75	31.85	13.60	16.35	4.88	9.50	7.50	29.90	3.88	2.63	2.13	
11	0.90	2.50	26.15	8.50	12.25	4.00	8.25	7.33	23.00	4.00	2.63	2.00	
12	1.05	2.38	4.88	6.80	18.75	3.75	16.90	6.98	20.50	3.75	3.75	2.00	
13	0.97	2.38	4.35	7.15	36.38	3.75	24.05	6.28	18.62	3.63	16.90	1.88	
14	0.90	2.00	3.63	15.25	36.90	8.25	18.87	5.93	14.97	3.50	19.37	1.88	
15	0.90	1.75	3.63	8.25	25.70	11.50	18.25	5.75	12.50	3.50	8.25	1.88	
16	0.97	1.75	3.50	8.00	18.37	14.42	18.75	5.40	9.75	3.38	4.70	1.75	
17	0.75	2.13	3.38	5.58	14.42	10.50	26.30	5.23	8.75	3.38	3.75	1.75	
18	0.67	2.13	3.38	4.70	11.50	9.50	22.62	5.05	7.33	3.38	3.50	1.63	
19	0.90	2.75	3.38	4.35	9.75	19.25	18.37	5.40	6.63	3.50	3.38	1.63	
20	0.90	3.50	3.63	4.00	9.00	64.62	15.52	27.80	7.15	3.38	3.25	1.63	
21	0.90	3.38	3.63	3.88	7.33	44.80	20.12	40.20	6.10	3.25	3.25	1.63	
22	0.75	3.00	4.00	6.80	6.80	23.00	272.60	15.80	6.45	3.13	3.25	1.50	
23	0.82	2.13	3.88	21.00	6.10	16.35	154.90	7.75	6.28	3.25	2.88	1.50	
24	0.75	2.00	5.93	20.25	6.98	12.25	88.00	10.00	5.93	3.38	2.88	1.50	
25	0.75	1.63	5.58	20.88	5.58	11.75	67.32	19.00	5.75	3.50	2.75	1.50	
26	0.82	1.63	6.10	12.50	5.05	16.90	40.80	24.50	5.75	3.38	2.63	1.50	
27	0.67	1.50	5.75	8.50	4.88	30.20	28.40	27.35	5.40	3.38	2.50	1.43	
28	0.82	1.35	4.35	7.15	4.53	18.00	23.60	27.35	5.58	3.25	2.38	1.43	
29	0.97	1.35	3.75	14.70	4.17	14.97	20.38	22.87	8.50	3.13		1.43	
30	1.27	1.50	3.38	49.00	4.35	11.00	17.18	19.25	6.98	3.13		1.43	
31		1.88		51.60	4.53		20.00		5.05	3.13		1.43	
Total	26.78	65.75	194.44	478.99	647.63	397.40	1087.91	464.48	712.73	117.86	119.78	57.22	4370.97 CMSDAY
Mean	0.89	2.12	6.48	15.45	20.89	13.25	35.09	15.48	22.99	3.80	4.28	1.85	11.98 CMS
Max	1.27	3.50	31.85	51.60	74.25	64.62	272.60	40.20	117.17	5.23	19.37	2.38	272.60 CMS
Min	0.67	1.05	2.63	3.88	4.17	3.75	6.98	5.05	5.05	3.13	2.38	1.43	0.67 CMS
Runoff	2.31	5.68	16.80	41.39	55.96	34.34	94.00	40.13	61.58	10.18	10.35	4.94	377.65 MCM
Momentary Peak	315.90	CMS.	at 9.78 m. (MSL.)	at 14.00 Hours	, on Oct 22, 2005								
Runoff Yield	40.46	Liters/Second/Square KM.		Momentary Peak Yield	1067.230	Liters/Second/Square KM.							

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Tha Di at Ban Tha Yai , Nakhon Si Thammarat (X.55)

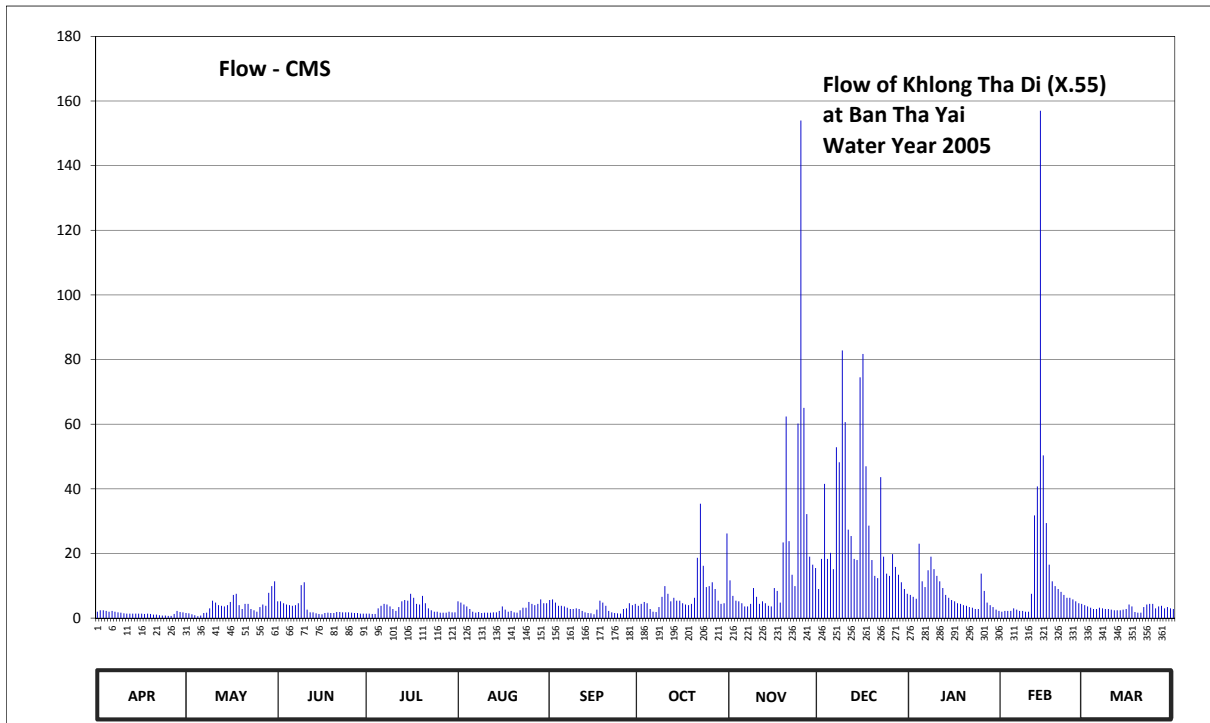
Lat 08 - 23 - 52 N Long 99 - 50 - 14 E

Location : on left bank at the bridge.

	Ban Tha Yai	Amphoe Lan Saka	Changwat Nakhon Si Thammarat
Drainage Area	105 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+17.343 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 63.60 meters from fourth staff gage.	Elevation	+24.176 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1967 - 1971 , 1989 to date		
Rated by Flot	-		
Rated by Current Meter	1967 - 1971 , 1989 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 68 discharge measurements made in 2005.		

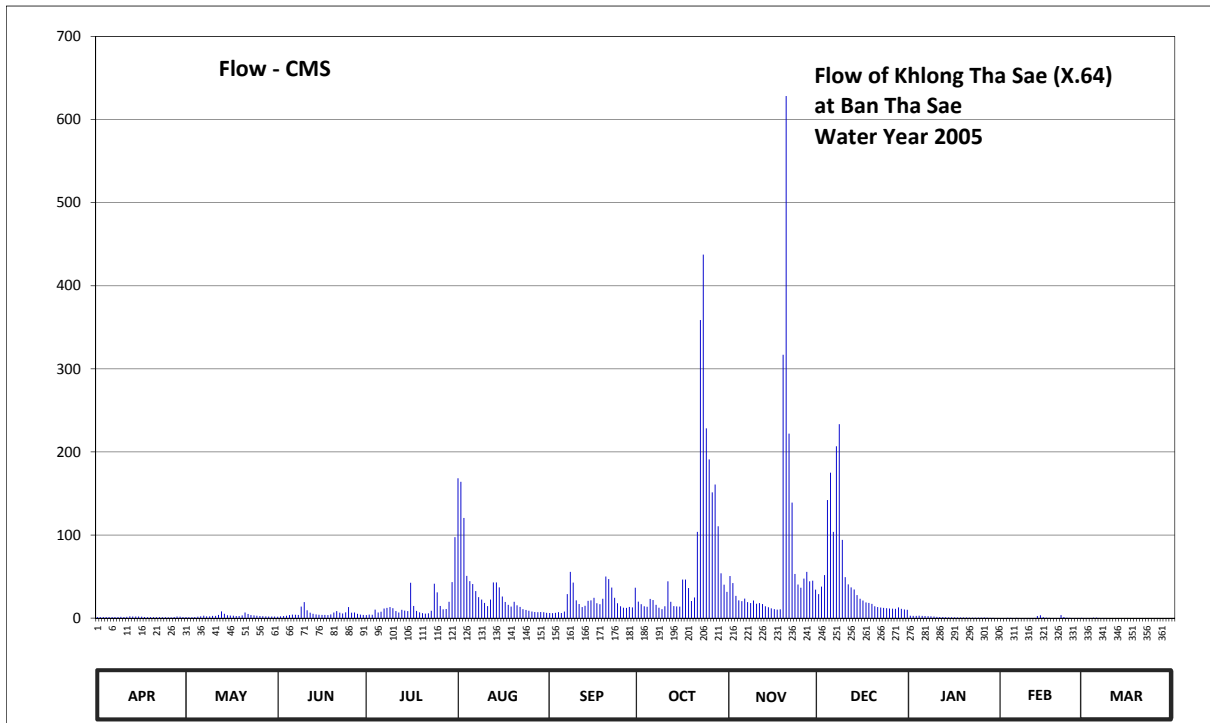
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	18.20	18.16	18.36	18.14	18.36	18.38	18.29	18.59	18.50	18.44	18.20	18.30	
2	18.22	18.15	18.36	18.14	18.34	18.39	18.32	18.43	18.78	18.42	18.21	18.28	
3	18.22	18.12	18.33	18.13	18.31	18.34	18.35	18.37	19.36	18.40	18.21	18.26	
4	18.21	18.09	18.31	18.13	18.28	18.29	18.33	18.36	18.78	18.90	18.21	18.24	
5	18.20	18.06	18.30	18.25	18.24	18.29	18.24	18.33	18.83	18.58	18.25	18.24	
6	18.21	18.08	18.29	18.29	18.20	18.28	18.20	18.28	18.69	18.52	18.23	18.26	
7	18.20	18.16	18.30	18.32	18.17	18.26	18.19	18.28	19.63	18.68	18.21	18.25	
8	18.18	18.17	18.33	18.31	18.19	18.24	18.27	18.32	19.52	18.80	18.21	18.24	
9	18.17	18.25	18.54	18.28	18.16	18.24	18.42	18.51	20.27	18.69	18.20	18.24	
10	18.15	18.37	18.57	18.24	18.17	18.25	18.53	18.42	19.81	18.63	18.20	18.23	
11	18.14	18.34	18.23	18.21	18.17	18.24	18.45	18.32	19.01	18.58	18.45	18.22	
12	18.14	18.30	18.18	18.27	18.17	18.21	18.36	18.36	18.96	18.51	19.12	18.22	
13	18.14	18.29	18.18	18.36	18.18	18.18	18.41	18.33	18.78	18.44	19.34	18.22	
14	18.14	18.28	18.15	18.38	18.18	18.16	18.37	18.29	18.77	18.41	21.38	18.23	
15	18.14	18.30	18.13	18.37	18.21	18.15	18.37	18.28	20.11	18.38	19.57	18.24	
16	18.14	18.35	18.12	18.45	18.28	18.12	18.33	18.51	20.25	18.36	19.06	18.31	
17	18.13	18.44	18.16	18.41	18.23	18.23	18.31	18.48	19.49	18.33	18.73	18.28	
18	18.14	18.45	18.17	18.32	18.20	18.37	18.30	18.34	19.04	18.32	18.58	18.19	
19	18.13	18.30	18.16	18.31	18.21	18.34	18.32	18.91	18.77	18.30	18.53	18.17	
20	18.11	18.24	18.16	18.43	18.18	18.29	18.41	19.85	18.63	18.29	18.50	18.17	
21	18.11	18.32	18.19	18.33	18.17	18.21	18.79	18.92	18.61	18.27	18.47	18.27	
22	18.09	18.32	18.19	18.25	18.22	18.18	19.21	18.64	19.41	18.26	18.44	18.31	
23	18.08	18.24	18.18	18.22	18.26	18.16	18.72	18.53	18.80	18.24	18.41	18.32	
24	18.08	18.22	18.18	18.20	18.26	18.15	18.52	19.80	18.65	18.24	18.41	18.32	
25	18.07	18.20	18.18	18.20	18.35	18.14	18.53	21.34	18.63	18.65	18.39	18.25	
26	18.07	18.27	18.17	18.17	18.32	18.24	18.57	19.91	18.82	18.48	18.36	18.28	
27	18.13	18.31	18.16	18.17	18.30	18.25	18.50	19.13	18.71	18.34	18.33	18.29	
28	18.21	18.29	18.16	18.17	18.32	18.33	18.37	18.80	18.64	18.30	18.32	18.25	
29	18.19	18.46	18.14	18.20	18.39	18.30	18.32	18.73	18.57	18.27	18.27	18.27	
30	18.18	18.53	18.14	18.18	18.33	18.32	18.33	18.70	18.50	18.23	18.25	18.25	
31		18.58		18.18	18.33		18.98		18.45	18.21	18.24		
Mean	18.15	18.28	18.23	18.26	18.25	18.25	18.44	18.74	19.02	18.43	18.59	18.25	
Max	18.22	18.58	18.57	18.45	18.39	18.39	19.21	21.34	20.27	18.90	21.38	18.32	21.38
Min	18.07	18.06	18.12	18.13	18.16	18.12	18.19	18.28	18.45	18.21	18.20	18.17	18.06
Annual Max Momentary Gage Height	22.08		m. (MSL.) ,				at 08.00 Hours ,						on Nov 25 , 2005
Zero Gage at Bottom Elevation	17.34		m. (MSL.) ,				River Bed	17.39		m. (MSL.)			
Left Bank Elevation		25.12		m. (MSL.) ,									
Right Bank Elevation		25.54		m. (MSL.) ,			Drainage Are	105		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.00	1.60	5.20	1.40	5.20	5.60	3.80	11.70	9.00	7.20	2.00	4.00	
2	2.40	1.50	5.20	1.40	4.80	5.80	4.40	6.90	18.30	6.60	2.20	3.60	
3	2.40	1.20	4.60	1.30	4.20	4.80	5.00	5.40	41.56	6.00	2.20	3.20	
4	2.20	0.90	4.20	1.30	3.60	3.80	4.60	5.20	18.30	23.00	2.20	2.80	
5	2.00	0.60	4.00	3.00	2.80	3.80	2.80	4.60	20.20	11.40	3.00	2.80	
6	2.20	0.80	3.80	3.80	2.00	3.60	2.00	3.60	15.15	9.60	2.60	3.20	
7	2.00	1.60	4.00	4.40	1.70	3.20	1.90	3.60	52.89	14.80	2.20	3.00	
8	1.80	1.70	4.60	4.20	1.90	2.80	3.40	4.40	48.24	19.00	2.20	2.80	
9	1.70	3.00	10.20	3.60	1.60	2.80	6.60	9.30	82.85	15.15	2.00	2.80	
10	1.50	5.40	11.10	2.80	1.70	3.00	9.90	6.60	60.64	13.05	2.00	2.60	
11	1.40	4.80	2.60	2.20	1.70	2.80	7.50	4.40	27.40	11.40	7.50	2.40	
12	1.40	4.00	1.80	3.40	1.70	2.20	5.20	5.20	25.40	9.30	31.80	2.40	
13	1.40	3.80	1.80	5.20	1.80	1.80	6.30	4.60	18.30	7.20	40.74	2.40	
14	1.40	3.60	1.50	5.60	1.80	1.60	5.40	3.80	17.95	6.30	157.00	2.60	
15	1.40	4.00	1.30	5.40	2.20	1.50	5.40	3.60	74.50	5.60	50.34	2.80	
16	1.40	5.00	1.20	7.50	3.60	1.20	4.60	9.30	81.75	5.20	29.40	4.20	
17	1.30	7.20	1.60	6.30	2.60	2.60	4.20	8.40	46.98	4.60	16.55	3.60	
18	1.40	7.50	1.70	4.40	2.00	5.40	4.00	4.80	28.60	4.40	11.40	1.90	
19	1.30	4.00	1.60	4.20	2.20	4.80	4.40	23.40	17.95	4.00	9.90	1.70	
20	1.10	2.80	1.60	6.90	1.80	3.80	6.30	62.40	13.05	3.80	9.00	1.70	
21	1.10	4.40	1.90	4.60	1.70	2.20	18.65	23.80	12.35	3.40	8.10	3.40	
22	0.90	4.40	1.90	3.00	2.40	1.80	35.41	13.40	43.62	3.20	7.20	4.20	
23	0.80	2.80	1.80	2.40	3.20	1.60	16.20	9.90	19.00	2.80	6.30	4.40	
24	0.80	2.40	1.80	2.00	3.20	1.50	9.60	60.20	13.75	2.80	6.30	4.40	
25	0.70	2.00	1.80	2.00	5.00	1.40	9.90	154.00	13.05	13.75	5.80	3.00	
26	0.70	3.40	1.70	1.70	4.40	2.80	11.10	65.04	19.80	8.40	5.20	3.60	
27	1.30	4.20	1.60	1.70	4.00	3.00	9.00	32.20	15.85	4.80	4.60	3.80	
28	2.20	3.80	1.60	1.70	4.40	4.60	5.40	19.00	13.40	4.00	4.40	3.00	
29	1.90	7.80	1.40	2.00	5.80	4.00	4.40	16.55	11.10	3.40		3.40	
30	1.80	9.90	1.40	1.80	4.60	4.40	4.60	15.50	9.00	2.60		3.00	
31		11.40		1.80	4.60		26.20		7.50	2.20		2.80	
Total	45.90	121.50	90.50	103.00	94.20	94.20	248.16	600.79	897.43	238.95	434.13	95.50	3064.26 CMSDAY
Mean	1.53	3.92	3.02	3.32	3.04	3.14	8.01	20.03	28.95	7.71	15.50	3.08	8.40 CMS
Max	2.40	11.40	11.10	7.50	5.80	5.80	35.41	154.00	82.85	23.00	157.00	4.40	157.00 CMS
Min	0.70	0.60	1.20	1.30	1.60	1.20	1.90	3.60	7.50	2.20	2.00	1.70	0.60 CMS
Runoff	3.97	10.50	7.82	8.90	8.14	8.14	21.44	51.91	77.54	20.65	37.51	8.25	264.75 MCM
Momentary Peak	235.60 CMS. at 22.18 m. (MSL.) at 08.00 Hours , on Nov 25 , 2005												
Runoff Yield	79.81 Liters/Second/Square KM. Momentary Peak Yield 2239.757 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.40	1.30	1.80	3.70	168.23	6.20	19.85	50.60	28.81	2.80	0.20	0.20	
2	1.40	1.20	2.10	4.20	164.03	5.90	16.70	42.20	37.88	2.70	0.25	0.20	
3	1.30	1.20	2.50	4.00	120.50	6.35	14.32	26.75	51.85	2.70	0.30	0.20	
4	1.30	1.30	2.80	10.10	50.80	7.10	13.62	21.43	142.10	2.80	0.35	0.55	
5	1.30	1.70	3.60	6.65	44.40	6.20	23.00	20.30	175.10	2.60	0.25	0.65	
6	1.40	2.20	4.20	7.70	41.00	7.85	21.65	23.50	103.80	2.40	0.30	0.25	
7	1.30	2.90	4.00	11.52	32.59	28.81	15.90	19.17	206.75	2.30	0.25	0.15	
8	1.30	2.20	3.90	12.22	25.25	55.68	12.57	18.10	233.30	2.10	0.25	0.10	
9	1.60	2.10	13.80	13.27	22.33	42.80	10.70	21.20	94.20	1.90	0.25	0.00	
10	1.40	2.70	19.17	11.87	18.30	21.43	14.15	17.30	49.20	1.60	0.20	0.00	
11	1.60	2.70	9.50	8.45	14.50	16.90	44.20	18.10	40.60	1.40	0.10	0.00	
12	2.20	3.90	6.50	6.80	22.33	13.27	19.63	16.90	37.04	1.30	0.20	0.00	
13	2.00	8.00	5.15	9.95	43.00	14.90	14.50	14.32	34.52	1.20	2.40	0.00	
14	2.00	5.15	4.40	9.05	43.00	20.75	13.98	13.10	27.75	1.00	3.50	0.00	
15	1.90	3.40	4.10	8.45	37.04	21.43	13.80	11.70	23.25	0.95	1.20	0.00	
16	1.70	3.00	3.80	42.60	26.00	24.50	46.40	10.85	21.20	0.90	0.65	0.00	
17	1.30	2.80	3.80	14.70	19.40	17.90	46.40	10.25	18.95	0.85	0.35	0.00	
18	1.20	2.50	3.70	8.60	15.90	16.70	36.20	10.55	18.30	0.80	0.25	0.00	
19	1.10	2.50	4.50	6.95	13.80	23.25	20.53	317.00	17.10	0.75	0.15	0.00	
20	1.10	3.20	6.80	5.90	19.63	50.00	24.75	628.20	14.32	0.70	0.20	0.00	
21	1.20	6.80	8.45	5.30	15.30	47.00	103.80	222.00	13.27	0.65	3.60	0.00	
22	1.20	4.90	6.50	5.75	13.45	36.76	358.75	138.95	12.75	0.60	1.30	0.00	
23	1.20	3.60	5.60	8.75	10.85	24.50	437.40	53.13	12.40	0.55	0.60	0.00	
24	1.10	3.20	6.95	41.40	9.80	17.90	228.30	40.40	11.87	0.50	0.35	0.00	
25	0.95	2.80	13.27	30.97	8.75	14.32	190.92	36.48	11.52	0.65	0.25	0.00	
26	0.90	2.40	6.50	14.70	7.85	12.57	151.30	47.60	11.35	0.70	0.20	0.00	
27	1.40	2.30	6.65	10.55	7.25	12.40	160.80	55.68	11.17	0.50	0.20	0.00	
28	2.00	2.10	5.15	11.00	7.10	13.45	110.60	44.20	12.92	0.40	0.30	0.00	
29	1.80	2.00	4.30	19.63	7.25	12.92	53.98	45.00	11.17	0.30	0.00	0.00	
30	1.30	2.00	3.90	43.40	7.10	36.48	40.20	34.24	10.40	0.25	0.00	0.00	
31		2.00		97.40	6.35		31.51		9.95	0.20		0.00	
Total	42.85	90.05	177.39	495.53	1043.08	636.22	2310.41	2029.20	1504.79	39.05	18.40	2.30	8389.27 CMSDAY
Mean	1.43	2.90	5.91	15.98	33.65	21.21	74.53	67.64	48.54	1.26	0.66	0.07	22.98 CMS
Max	2.20	8.00	19.17	97.40	168.23	55.68	437.40	628.20	233.30	2.80	3.60	0.65	628.20 CMS
Min	0.90	1.20	1.80	3.70	6.35	5.90	10.70	10.25	9.95	0.20	0.10	0.00	0.00 CMS
Runoff	3.70	7.78	15.33	42.81	90.12	54.97	199.62	175.32	130.01	3.37	1.59	0.20	724.83 MCM
Momentary Peak	684.15 CMS. at 17.37 m. (MSL.) at 06.00 Hours , on Nov 20 , 2005												
Runoff Yield	24.30 Liters/Second/Square KM.			Momentary Peak Yield			723.203 Liters/Second/Square KM.						

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Ban Tan at Ban Wang Kong , Nakhon Si Thammarat (X.70)

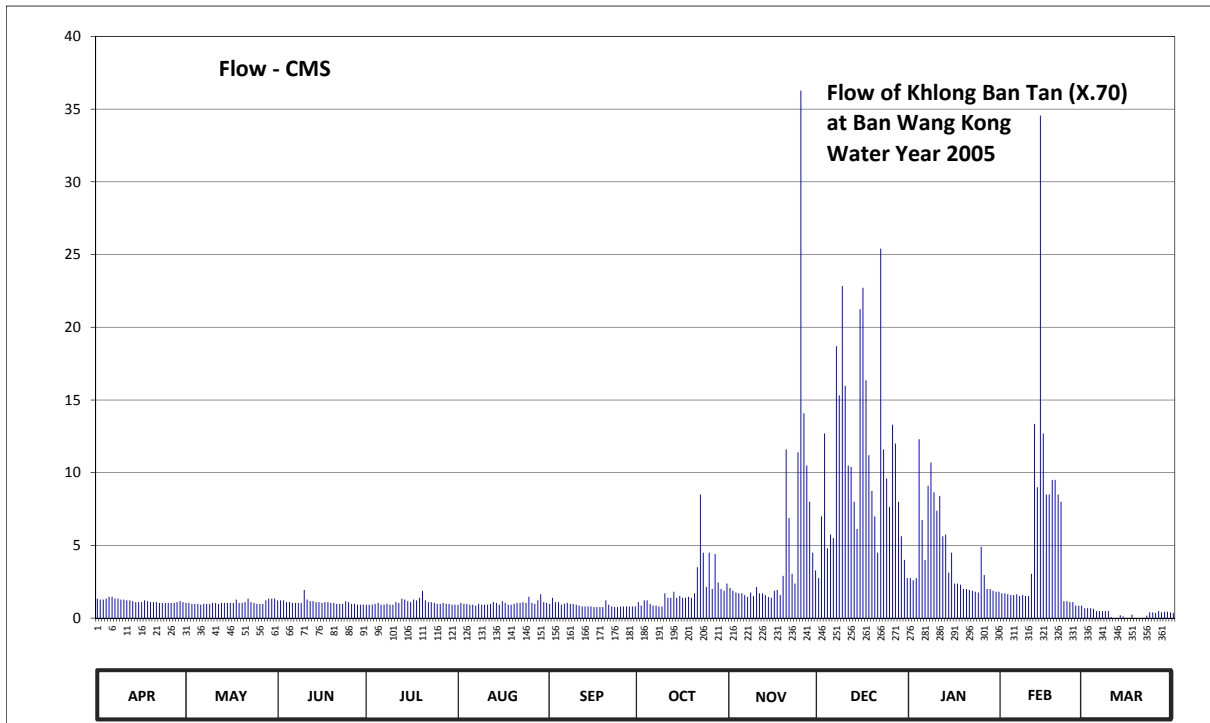
Lat 08 - 25 - 34 N Long 99 - 51 - 47 E

Location : on left bank upstream side of the bridge.

	Ban Wang Kong	Amphoe Mueang	Changwat	Nakhon Si Thammarat
Drainage Area	36	sq.km.		
Type of Gage	Staff gage			
Zero Gage at Bottom	+0.000 m. (A.D.)			
Bench Mark	B.M.-H.D.			
Location BM	On left bank about 10 meters from the top staff gage.			Elevation +7.274 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.			
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings			
Period of Available Gage Records	1967 to date			
Rating Operation				
Period of Rating	1967 - 1971 , 1980 , 1989 to date			
Rated by Flot	-			
Rated by Current Meter	1967 - 1971 , 1980 , 1989 to date			
Stability of Channel Regimes	Fairly stable.			
Overbank Flow Conditions	No overbank flow.			
General Description	Records fair. Stage-discharge relation defined by 65 discharge measurements made in 2005.			

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

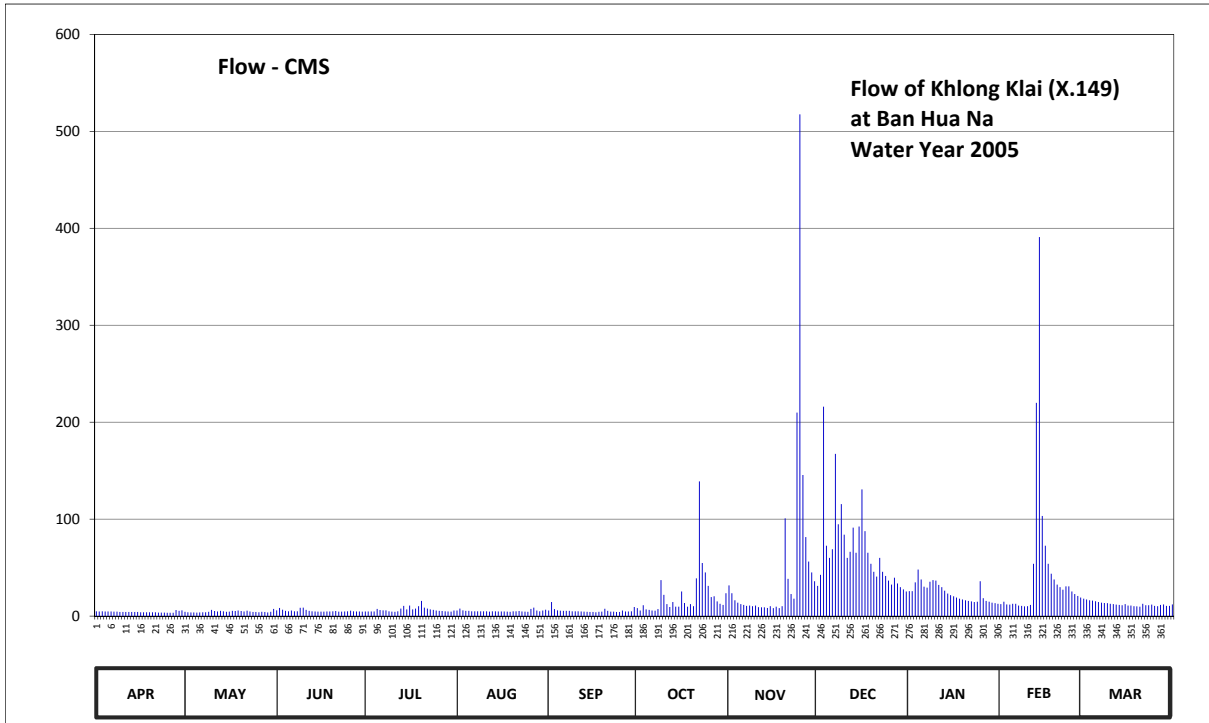
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.29	1.24	1.27	1.22	1.22	1.23	1.25	1.41	1.50	1.50	1.35	1.17	
2	1.28	1.24	1.27	1.22	1.24	1.30	1.21	1.38	1.92	1.48	1.35	1.17	
3	1.28	1.23	1.27	1.22	1.23	1.25	1.27	1.36	2.94	1.50	1.34	1.17	
4	1.29	1.23	1.25	1.23	1.23	1.25	1.27	1.35	1.73	2.86	1.33	1.16	
5	1.31	1.23	1.25	1.24	1.22	1.22	1.23	1.35	1.82	1.90	1.33	1.12	
6	1.31	1.22	1.24	1.22	1.22	1.23	1.21	1.33	1.80	1.65	1.34	1.12	
7	1.29	1.23	1.24	1.22	1.21	1.24	1.21	1.31	3.80	2.22	1.32	1.12	
8	1.29	1.23	1.24	1.23	1.23	1.23	1.20	1.36	3.36	2.54	1.33	1.12	
9	1.28	1.23	1.24	1.22	1.22	1.23	1.20	1.32	4.22	2.13	1.32	1.12	
10	1.28	1.24	1.39	1.22	1.22	1.22	1.35	1.42	3.45	1.95	1.32	1.02	
11	1.27	1.24	1.28	1.25	1.22	1.21	1.30	1.35	2.50	2.08	1.54	0.92	
12	1.27	1.23	1.26	1.24	1.23	1.20	1.30	1.35	2.48	1.81	3.06	0.92	
13	1.26	1.24	1.26	1.29	1.25	1.20	1.37	1.33	2.00	1.82	2.20	1.05	
14	1.25	1.24	1.25	1.28	1.24	1.20	1.30	1.31	1.85	1.55	5.04	1.03	
15	1.25	1.24	1.25	1.26	1.22	1.20	1.32	1.30	4.07	1.70	2.94	0.82	
16	1.25	1.24	1.24	1.25	1.26	1.19	1.30	1.38	4.21	1.45	2.10	0.82	
17	1.27	1.24	1.25	1.28	1.24	1.19	1.30	1.39	3.50	1.45	2.10	1.06	
18	1.26	1.28	1.25	1.27	1.22	1.19	1.31	1.33	2.64	1.44	2.30	0.92	
19	1.25	1.24	1.24	1.30	1.22	1.19	1.30	1.52	2.15	1.40	2.30	0.72	
20	1.25	1.24	1.24	1.38	1.23	1.27	1.35	2.72	1.92	1.40	2.10	0.72	
21	1.25	1.25	1.23	1.27	1.24	1.22	1.60	1.91	1.70	1.39	2.00	0.72	
22	1.24	1.29	1.23	1.25	1.24	1.20	2.10	1.54	4.44	1.38	1.26	1.04	
23	1.24	1.25	1.23	1.25	1.25	1.19	1.70	1.45	2.72	1.37	1.26	1.10	
24	1.24	1.24	1.26	1.24	1.24	1.19	1.42	2.68	2.32	1.36	1.25	1.10	
25	1.24	1.23	1.25	1.23	1.31	1.20	1.70	5.13	1.97	1.74	1.25	1.09	
26	1.24	1.23	1.23	1.23	1.24	1.20	1.40	3.18	3.05	1.53	1.21	1.12	
27	1.24	1.23	1.23	1.24	1.23	1.20	1.69	2.50	2.80	1.40	1.21	1.10	
28	1.25	1.27	1.22	1.23	1.27	1.20	1.46	2.00	2.00	1.40	1.21	1.11	
29	1.26	1.29	1.22	1.23	1.34	1.20	1.40	1.70	1.81	1.38		1.11	
30	1.25	1.29	1.22	1.22	1.25	1.20	1.38	1.57	1.65	1.37		1.10	
31		1.29		1.22	1.24		1.45		1.50	1.37		1.09	
Mean	1.26	1.25	1.25	1.25	1.24	1.21	1.38	1.74	2.57	1.66	1.77	1.03	
Max	1.31	1.29	1.39	1.38	1.34	1.30	2.10	5.13	4.44	2.86	5.04	1.17	5.13
Min	1.24	1.22	1.22	1.22	1.21	1.19	1.20	1.30	1.50	1.36	1.21	0.72	0.72
Annual Max Momentary Gage Height	6.00			m. (A.D.) ,			at 09.00 Hours ,	on Nov 25 , 2005					
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,			River Bed 0.73	m. (A.D.)					
Left Bank Elevation		7.39		m. (A.D.) ,									
Right Bank Elevation		7.40		m. (A.D.) ,			Drainage Are	36	Square Kilometers				



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

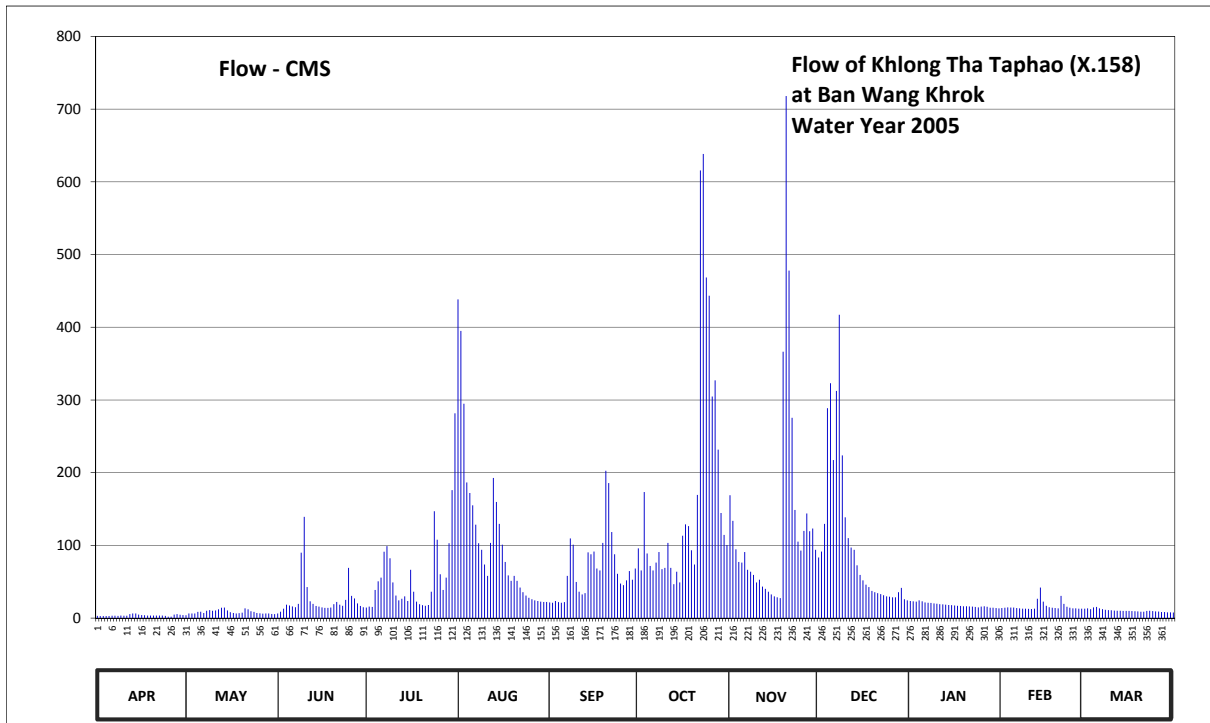
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.34	1.04	1.22	0.92	0.92	0.98	1.10	2.07	2.75	2.75	1.70	0.68		
2	1.28	1.04	1.22	0.92	1.04	1.40	0.86	1.88	7.00	2.60	1.70	0.68		
3	1.28	0.98	1.22	0.92	0.98	1.10	1.22	1.76	12.70	2.75	1.64	0.68		
4	1.34	0.98	1.10	0.98	0.98	1.10	1.22	1.70	4.80	12.30	1.58	0.64		
5	1.46	0.98	1.10	1.04	0.92	0.92	0.98	1.70	5.75	6.75	1.58	0.48		
6	1.46	0.92	1.04	0.92	0.92	0.98	0.86	1.58	5.50	4.00	1.64	0.48		
7	1.34	0.98	1.04	0.92	0.86	1.04	0.86	1.46	18.70	9.10	1.52	0.48		
8	1.34	0.98	1.04	0.98	0.98	0.98	0.80	1.76	15.32	10.70	1.58	0.48		
9	1.28	0.98	1.04	0.92	0.92	0.98	0.80	1.52	22.83	8.65	1.52	0.48		
10	1.28	1.04	1.94	0.92	0.92	0.92	1.70	2.15	15.98	7.38	1.52	0.08		
11	1.22	1.04	1.28	1.10	0.92	0.86	1.40	1.70	10.50	8.40	3.05	0.00		
12	1.22	0.98	1.16	1.04	0.98	0.80	1.40	1.70	10.40	5.63	13.36	0.00		
13	1.16	1.04	1.16	1.34	1.10	0.80	1.82	1.58	8.00	5.75	9.00	0.20		
14	1.10	1.04	1.10	1.28	1.04	0.80	1.40	1.46	6.13	3.12	34.56	0.12		
15	1.10	1.04	1.10	1.16	0.92	0.80	1.52	1.40	21.24	4.50	12.70	0.00		
16	1.10	1.04	1.04	1.10	1.16	0.76	1.40	1.88	22.72	2.38	8.50	0.00		
17	1.22	1.04	1.10	1.28	1.04	0.76	1.40	1.94	16.35	2.38	8.50	0.24		
18	1.16	1.28	1.10	1.22	0.92	0.76	1.46	1.58	11.20	2.30	9.50	0.00		
19	1.10	1.04	1.04	1.40	0.92	0.76	1.40	2.90	8.75	2.00	9.50	0.00		
20	1.10	1.04	1.04	1.88	0.98	1.22	1.70	11.60	7.00	2.00	8.50	0.00		
21	1.10	1.10	0.98	1.22	1.04	0.92	3.50	6.88	4.50	1.94	8.00	0.00		
22	1.04	1.34	0.98	1.10	1.04	0.80	8.50	3.05	25.40	1.88	1.16	0.16		
23	1.04	1.10	0.98	1.10	1.10	0.76	4.50	2.38	11.60	1.82	1.16	0.40		
24	1.04	1.04	1.16	1.04	1.04	0.76	2.15	11.40	9.60	1.76	1.10	0.40		
25	1.04	0.98	1.10	0.98	1.46	0.80	4.50	36.27	7.63	4.90	1.10	0.36		
26	1.04	0.98	0.98	0.98	1.04	0.80	2.00	14.08	13.30	2.97	0.86	0.48		
27	1.04	0.98	0.98	1.04	0.98	0.80	4.40	10.50	12.00	2.00	0.86	0.40		
28	1.10	1.22	0.92	0.98	1.22	0.80	2.45	8.00	8.00	2.00	0.86	0.44		
29	1.16	1.34	0.92	0.98	1.64	0.80	2.00	4.50	5.63	1.88		0.44		
30	1.10	1.34	0.92	0.92	1.10	0.80	1.88	3.28	4.00	1.82		0.40		
31		1.34		0.92	1.04		2.38		2.75	1.82		0.36		
Total	35.58	33.26	33.00	33.50	32.12	26.76	63.56	145.66	338.03	130.23	148.25	9.56	1029.51 CMSDAY	
Mean	1.19	1.07	1.10	1.08	1.04	0.89	2.05	4.86	10.90	4.20	5.29	0.31	2.82 CMS	
Max	1.46	1.34	1.94	1.88	1.64	1.40	8.50	36.27	25.40	12.30	34.56	0.68	36.27 CMS	
Min	1.04	0.92	0.92	0.92	0.86	0.76	0.80	1.40	2.75	1.76	0.86	0.00	0.00 CMS	
Runoff	3.07	2.87	2.85	2.89	2.78	2.31	5.49	12.59	29.21	11.25	12.81	0.83	88.95 MCM	
Momentary Peak		62.50												CMS. at 6.00 m. (MSL.) at 09.00 Hours , on Nov 25 , 2005
Runoff Yield		77.32												Liters/Second/Square KM. Momentary Peak Yield 1713.268 Liters/Second/Square KM.



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.00	4.40	6.00	4.80	5.80	5.80	8.20	31.65	31.20	25.80	12.40	18.00	
2	4.80	4.00	8.40	4.80	7.80	14.50	5.80	23.60	42.60	25.80	14.80	17.20	
3	5.00	3.80	6.60	4.80	6.00	7.20	11.20	16.40	216.00	34.80	12.10	16.40	
4	4.80	3.80	5.40	4.80	5.40	6.00	7.00	13.90	72.60	48.00	11.80	16.00	
5	4.80	3.60	5.00	7.40	5.40	5.60	6.40	12.40	60.00	37.80	12.70	15.40	
6	4.80	3.80	5.80	6.20	5.00	5.40	5.80	11.50	69.00	30.30	12.70	14.50	
7	4.60	4.00	5.00	6.00	5.00	5.40	5.60	10.60	167.40	29.40	10.90	13.90	
8	4.60	4.00	5.00	6.00	5.00	5.40	7.20	10.90	94.80	35.40	10.60	13.60	
9	4.20	4.40	8.60	5.00	5.00	5.00	37.20	10.30	115.50	37.20	10.00	13.30	
10	4.20	6.40	8.80	4.60	5.00	5.00	22.00	10.90	84.00	36.60	10.30	12.70	
11	4.20	5.20	6.40	4.40	5.00	5.00	12.40	9.20	60.00	32.10	11.50	12.40	
12	4.20	4.80	5.40	5.00	4.60	4.80	9.40	9.00	66.30	29.85	54.00	11.80	
13	4.20	5.40	5.00	7.80	5.00	4.60	14.50	9.00	91.20	26.25	220.00	11.50	
14	4.20	5.00	4.80	10.60	5.00	4.40	9.80	8.40	65.40	23.20	391.00	11.20	
15	4.20	4.40	4.60	7.00	4.80	4.20	9.80	10.30	92.40	21.60	103.35	12.40	
16	4.00	4.60	4.60	10.90	4.80	4.20	25.35	8.20	130.65	20.40	72.60	10.90	
17	4.00	5.40	4.60	7.00	4.80	4.00	13.60	9.80	87.60	19.20	54.00	10.90	
18	4.00	5.20	4.80	7.80	4.60	4.40	9.80	8.20	65.40	18.00	43.80	10.30	
19	4.00	5.80	4.80	10.30	4.40	4.60	12.40	10.30	54.00	17.20	37.80	10.00	
20	4.00	5.20	5.00	15.70	5.00	7.60	10.30	100.80	45.75	16.40	32.55	9.80	
21	4.00	4.80	5.20	8.80	5.00	5.40	39.00	38.40	40.80	15.70	29.85	12.70	
22	3.60	5.60	4.60	7.80	5.20	4.60	138.90	22.80	60.00	15.10	27.15	11.20	
23	3.60	4.80	4.60	7.00	4.80	4.60	54.75	18.00	45.75	14.50	30.75	11.20	
24	3.60	4.20	4.80	6.40	4.60	4.20	45.00	210.00	41.40	14.80	30.75	11.80	
25	3.40	4.20	5.00	5.80	4.40	4.20	31.20	517.50	36.60	36.00	25.35	10.60	
26	3.40	4.00	5.60	5.40	7.40	5.80	19.60	145.50	32.55	18.40	22.80	10.30	
27	3.40	4.40	5.00	5.20	8.80	4.80	20.40	81.60	39.60	15.70	20.80	11.50	
28	6.20	4.20	4.80	5.00	5.80	4.80	15.10	56.25	33.60	14.80	19.20	12.10	
29	5.40	3.80	4.80	4.80	5.00	5.00	12.70	45.00	29.85	13.90		10.60	
30	6.00	4.40	4.60	4.60	5.80	9.40	11.50	36.00	27.60	13.30		10.60	
31		7.40		5.80	6.60		23.60		25.35	12.70		12.10	
Total	130.40	145.00	163.60	207.50	166.80	165.90	655.50	1506.40	2124.90	750.20	1345.55	386.90	7748.65 CMSDAY
Mean	4.35	4.68	5.45	6.69	5.38	5.53	21.15	50.21	68.55	24.20	48.06	12.48	21.23 CMS
Max	6.20	7.40	8.80	15.70	8.80	14.50	138.90	517.50	216.00	48.00	391.00	18.00	517.50 CMS
Min	3.40	3.60	4.60	4.40	4.40	4.00	5.60	8.20	25.35	12.70	10.00	9.80	3.40 CMS
Runoff	11.27	12.53	14.14	17.93	14.41	14.33	56.64	130.15	183.59	64.82	116.26	33.43	669.48 MCM
Momentary Peak	550.00	CMS.	at 32.20 m. (MSL.)	at 07.00 Hours	on Nov 25, 2005								
Runoff Yield	44.68	Liters/Second/Square KM.		Momentary Peak Yield	1157.627	Liters/Second/Square KM.							



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.00	3.90	6.30	14.50	438.40	21.60	96.00	168.90	83.40	23.50	13.80	13.00		
2	2.80	6.30	8.80	15.80	394.90	21.20	65.50	133.80	91.60	23.00	14.30	13.50		
3	2.80	6.30	13.00	15.30	294.90	23.50	173.40	94.50	129.60	22.60	14.80	12.30		
4	2.90	6.30	18.50	38.80	186.50	22.00	88.90	77.20	288.60	24.50	14.50	14.80		
5	2.90	8.60	17.40	50.50	172.10	21.20	71.80	76.30	323.00	23.00	14.50	15.30		
6	3.30	8.80	16.00	55.70	155.20	22.00	65.50	90.80	217.50	21.60	13.80	13.50		
7	3.20	7.00	15.00	91.20	128.40	58.00	76.30	66.40	312.50	21.20	13.30	12.30		
8	3.10	10.20	19.50	99.00	103.00	109.50	90.80	63.70	417.30	20.90	13.00	11.50		
9	3.40	11.00	90.00	82.30	94.00	101.00	67.30	59.50	223.80	20.20	13.00	11.00		
10	3.30	10.00	139.20	49.00	73.60	49.70	69.10	49.00	138.60	19.80	12.80	10.80		
11	3.20	10.60	42.70	31.00	58.00	36.20	103.50	52.70	110.10	19.10	12.50	10.40		
12	5.50	12.00	23.00	24.50	103.50	32.50	69.10	43.40	97.00	18.80	13.00	10.00		
13	6.30	14.30	19.50	26.50	192.80	34.30	46.70	40.20	94.00	18.50	26.50	10.00		
14	6.30	14.50	16.70	30.00	159.80	90.40	63.70	36.20	72.70	18.10	42.10	9.80		
15	4.90	10.60	15.80	23.50	129.60	87.80	49.00	32.50	59.50	17.70	22.60	9.80		
16	4.20	8.20	14.80	66.40	101.00	91.60	113.40	30.00	52.00	17.40	17.00	9.80		
17	3.90	7.00	14.00	36.20	77.20	68.20	129.00	28.50	46.00	17.00	15.00	9.60		
18	3.60	6.40	14.00	22.60	58.70	65.50	126.60	27.50	42.70	16.70	14.30	9.40		
19	3.40	6.70	14.50	19.10	51.20	103.50	93.20	366.30	37.50	16.30	13.80	9.20		
20	3.60	7.40	19.10	17.70	58.00	202.60	73.60	718.00	35.60	16.30	13.30	8.80		
21	3.60	13.30	22.30	17.00	51.20	185.80	169.50	478.00	34.30	16.00	30.50	8.80		
22	3.50	12.00	18.50	18.10	42.10	118.30	615.70	275.60	33.00	15.80	19.50	9.80		
23	3.40	9.40	17.00	36.20	35.60	87.80	638.30	148.80	31.50	15.30	15.50	10.20		
24	3.00	8.60	25.00	147.00	31.00	61.00	468.50	105.10	30.00	14.80	14.30	9.60		
25	1.90	7.00	69.10	107.90	28.00	47.50	443.30	92.80	29.50	15.80	13.50	9.20		
26	1.90	6.60	30.50	60.20	26.00	45.30	304.80	120.00	28.50	16.30	13.30	9.00		
27	4.90	6.10	27.00	38.80	24.50	52.00	327.00	144.00	28.50	15.50	13.00	8.40		
28	5.50	6.40	20.20	55.70	23.50	64.60	231.80	119.40	35.60	14.30	13.00	8.40		
29	4.60	6.40	16.70	103.00	22.60	52.70	144.60	123.30	41.50	14.30		8.00		
30	4.20	5.80	15.00	176.00	22.30	68.20	114.50	94.00	26.00	13.80		7.80		
31		5.40		281.60	22.30		100.50		24.50	13.50		7.60		
Total	112.10	263.10	799.10	1851.10	3359.90	2045.50	5290.90	3956.40	3215.90	561.60	460.50	321.60	22237.70	CMSDAY
Mean	3.70	8.50	26.60	59.70	108.40	68.20	170.70	131.90	103.70	18.10	16.40	10.40	60.90	CMS
Max	6.30	14.50	139.20	281.60	438.40	202.60	638.30	718.00	417.30	24.50	42.10	15.30	718.00	CMS
Min	1.90	3.90	6.30	14.50	22.30	21.20	46.70	27.50	24.50	13.50	12.50	7.60	1.90	CMS
Runoff	9.69	22.73	69.04	159.94	290.30	176.73	457.13	341.83	277.85	48.52	39.79	27.79	1921.34	MCM
Momentary Peak		737.80	CMS.	at 11.58 m. (MSL.)	at 03.00 Hours		on Oct 23,	2005						
Runoff Yield		33.58	Liters/Second/Square KM.		Momentary Peak Yield	406.696	Liters/Second/Square KM.							

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Sao Thong at Ban Sao Thong , Nakhon Si Thammarat (X.167)

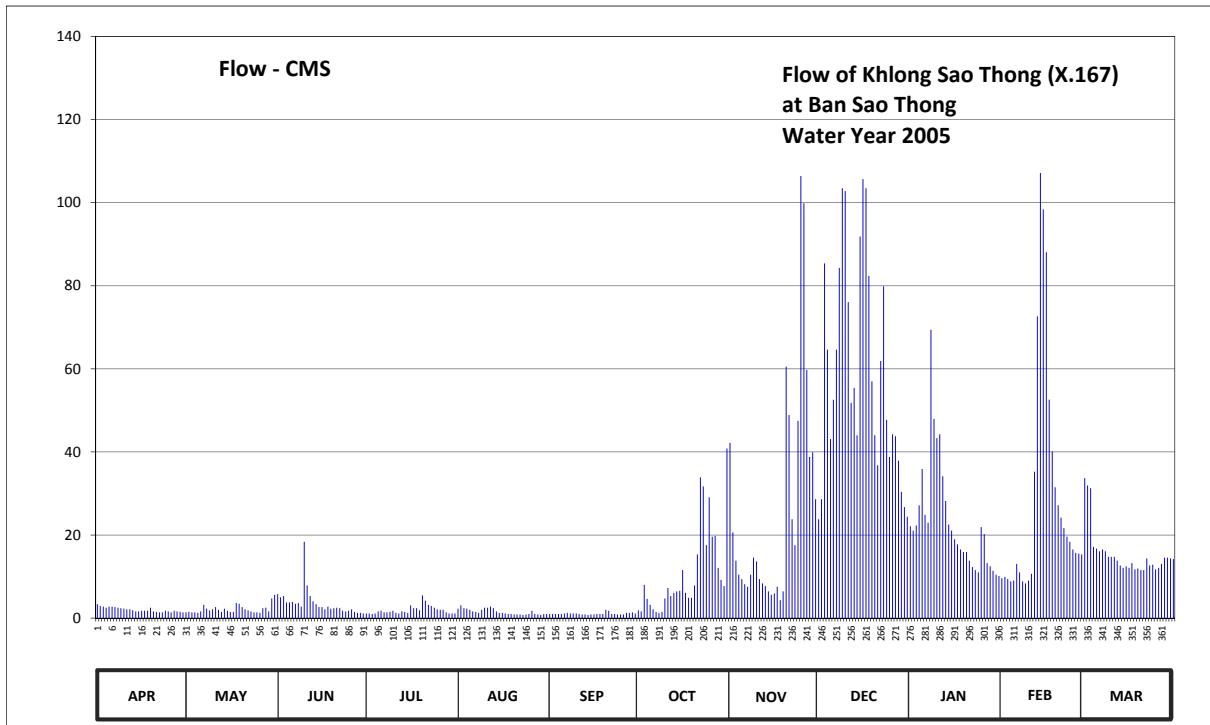
Lat 08 - 16 - 44 N Long 99 - 54 - 30 E

Location : on right bank at the bridge.

	Ban Sao Thong	Amphoe Ron Phibun	Changwat Nakhon Si Thammarat
Drainage Area	252 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 4.50 meters from the top staff gage.		Elevation +4.030 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1986 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 66 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.26	0.11	0.43	0.09	0.18	0.08	0.15	2.22	1.38	1.30	0.66	1.84	
2	0.23	0.12	0.38	0.09	0.24	0.08	0.13	1.23	1.61	1.25	0.68	1.76	
3	0.22	0.11	0.40	0.08	0.19	0.08	0.57	0.89	3.64	1.31	0.65	1.73	
4	0.20	0.11	0.29	0.09	0.18	0.08	0.35	0.71	3.10	1.54	0.62	1.06	
5	0.22	0.10	0.29	0.13	0.16	0.08	0.25	0.65	2.26	1.94	0.63	1.04	
6	0.22	0.13	0.30	0.14	0.13	0.09	0.17	0.58	2.66	1.43	0.85	1.01	
7	0.21	0.25	0.27	0.11	0.12	0.10	0.12	0.54	3.10	1.34	0.74	1.03	
8	0.20	0.18	0.28	0.11	0.10	0.09	0.10	0.71	3.62	3.25	0.62	1.01	
9	0.19	0.15	0.22	0.12	0.16	0.09	0.12	0.93	3.93	2.47	0.59	0.94	
10	0.18	0.17	1.12	0.14	0.20	0.09	0.36	0.88	3.92	2.27	0.63	0.94	
11	0.17	0.21	0.56	0.10	0.20	0.08	0.52	0.65	3.43	2.31	0.72	0.94	
12	0.17	0.16	0.40	0.09	0.22	0.07	0.40	0.59	2.63	1.86	1.91	0.89	
13	0.15	0.12	0.31	0.13	0.19	0.07	0.45	0.55	2.77	1.59	3.34	0.83	
14	0.13	0.18	0.26	0.12	0.13	0.06	0.47	0.47	2.30	1.32	3.98	0.80	
15	0.13	0.14	0.21	0.10	0.10	0.07	0.48	0.42	3.76	1.25	3.86	0.82	
16	0.14	0.12	0.21	0.24	0.10	0.07	0.77	0.44	3.96	1.15	3.69	0.80	
17	0.14	0.12	0.17	0.19	0.09	0.08	0.45	0.54	3.93	1.09	2.66	0.86	
18	0.14	0.28	0.22	0.19	0.08	0.08	0.37	0.33	3.58	1.03	2.13	0.78	
19	0.20	0.27	0.18	0.15	0.08	0.08	0.37	0.47	2.83	1.00	1.74	0.79	
20	0.13	0.21	0.19	0.41	0.07	0.16	0.56	2.96	2.30	1.00	1.54	0.77	
21	0.12	0.17	0.20	0.32	0.07	0.14	0.97	2.51	1.98	0.89	1.40	0.77	
22	0.11	0.15	0.19	0.25	0.07	0.08	1.85	1.38	3.01	0.81	1.28	0.92	
23	0.11	0.13	0.14	0.23	0.06	0.08	1.75	1.08	3.52	0.77	1.18	0.83	
24	0.14	0.11	0.13	0.20	0.07	0.07	1.08	2.45	2.46	0.74	1.12	0.84	
25	0.13	0.11	0.14	0.17	0.08	0.07	1.63	3.97	2.07	1.29	1.03	0.78	
26	0.11	0.10	0.17	0.16	0.14	0.07	1.18	3.88	2.31	1.21	0.99	0.80	
27	0.14	0.19	0.12	0.16	0.08	0.10	1.19	2.93	2.29	0.86	0.98	0.85	
28	0.13	0.20	0.10	0.11	0.07	0.10	0.80	2.07	2.03	0.82	0.97	0.93	
29	0.12	0.13	0.10	0.09	0.06	0.11	0.64	2.12	1.69	0.76		0.93	
30	0.11	0.36	0.09	0.09	0.08	0.09	0.55	1.61	1.52	0.71		0.92	
31		0.42		0.09	0.08		2.16		1.41	0.69		0.91	
Mean	0.16	0.17	0.27	0.15	0.12	0.09	0.68	1.36	2.74	1.33	1.47	0.97	
Max	0.26	0.42	1.12	0.41	0.24	0.16	2.16	3.97	3.96	3.25	3.98	1.84	3.98
Min	0.11	0.10	0.09	0.08	0.06	0.06	0.10	0.33	1.38	0.69	0.59	0.77	0.06
Annual Max Momentary Gage Height	3.99												at 18.00 Hours , on Dec 15 , 2005
Zero Gage at Bottom Elevation	0.00						River Bed -0.82						m. (A.D.)
Left Bank Elevation		6.39											m. (A.D.)
Right Bank Elevation		6.38					Drainage Are	252					Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.34	1.38	5.78	1.13	2.25	1.00	1.88	42.16	23.78	22.10	9.58	33.68		
2	2.92	1.50	5.02	1.13	3.06	1.00	1.63	20.63	28.62	21.05	9.94	31.92		
3	2.78	1.38	5.30	1.00	2.38	1.00	8.02	13.81	85.36	22.31	9.40	31.26		
4	2.50	1.38	3.76	1.13	2.25	1.00	4.60	10.48	64.60	27.14	8.86	17.13		
5	2.78	1.25	3.76	1.63	2.00	1.00	3.20	9.40	43.08	35.88	9.04	16.72		
6	2.78	1.63	3.90	1.75	1.63	1.13	2.13	8.18	52.56	24.83	13.05	16.10		
7	2.64	3.20	3.48	1.38	1.50	1.25	1.50	7.54	64.60	22.94	11.02	16.51		
8	2.50	2.25	3.62	1.38	1.25	1.13	1.25	10.48	84.28	69.40	8.86	16.10		
9	2.38	1.88	2.78	1.50	2.00	1.13	1.50	14.57	103.49	47.95	8.34	14.76		
10	2.25	2.13	18.36	1.75	2.50	1.13	4.74	13.62	102.76	43.31	9.04	14.76		
11	2.13	2.64	7.86	1.25	2.50	1.00	7.22	9.40	76.06	44.23	10.66	14.76		
12	2.13	2.00	5.30	1.13	2.78	0.88	5.30	8.34	51.78	34.12	35.22	13.81		
13	1.88	1.50	4.04	1.63	2.38	0.88	6.10	7.70	55.42	28.19	72.64	12.67		
14	1.63	2.25	3.34	1.50	1.63	0.75	6.42	6.42	44.00	22.52	107.14	12.10		
15	1.63	1.75	2.64	1.25	1.25	0.88	6.58	5.62	91.84	21.05	98.38	12.48		
16	1.75	1.50	2.64	3.06	1.25	0.88	11.56	5.94	105.68	18.97	88.06	12.10		
17	1.75	1.50	2.13	2.38	1.13	1.00	6.10	7.54	103.49	17.75	52.56	13.24		
18	1.75	3.62	2.78	2.38	1.00	1.00	4.88	4.32	82.36	16.51	40.13	11.74		
19	2.50	3.48	2.25	1.88	1.00	1.00	4.88	6.42	57.01	15.90	31.48	11.92		
20	1.63	2.64	2.38	5.46	0.88	2.00	7.86	60.52	44.00	15.90	27.14	11.56		
21	1.50	2.13	2.50	4.18	0.88	1.75	15.33	48.88	36.76	13.81	24.20	11.56		
22	1.38	1.88	2.38	3.20	0.88	1.00	33.90	23.78	61.90	12.29	21.68	14.38		
23	1.38	1.63	1.75	2.92	0.75	1.00	31.70	17.54	79.84	11.56	19.59	12.67		
24	1.75	1.38	1.63	2.50	0.88	0.88	17.54	47.47	47.71	11.02	18.36	12.86		
25	1.63	1.38	1.75	2.13	1.00	0.88	29.06	106.41	38.77	21.89	16.51	11.74		
26	1.38	1.25	2.13	2.00	1.75	0.88	19.59	99.84	44.23	20.21	15.71	12.10		
27	1.75	2.38	1.50	2.00	1.00	1.25	19.79	59.71	43.77	13.24	15.52	13.05		
28	1.63	2.50	1.25	1.38	0.88	1.25	12.10	38.77	37.88	12.48	15.33	14.57		
29	1.50	1.63	1.25	1.13	0.75	1.38	9.22	39.90	30.38	11.38		14.57		
30	1.38	4.74	1.13	1.13	1.00	1.13	7.70	28.62	26.72	10.48		14.38		
31		5.62		1.13	1.00		40.80		24.41	10.12		14.19		
Total	60.93	67.38	108.39	59.40	47.39	32.44	334.08	784.01	1837.14	720.53	807.44	481.39	5340.52	CMSDAY
Mean	2.03	2.17	3.61	1.92	1.53	1.08	10.78	26.13	59.26	23.24	28.84	15.53	14.63	CMS
Max	3.34	5.62	18.36	5.46	3.06	2.00	40.80	106.41	105.68	69.40	107.14	33.68	107.14	CMS
Min	1.38	1.25	1.13	1.00	0.75	0.75	1.25	4.32	23.78	10.12	8.34	11.56	0.75	CMS
Runoff	5.26	5.82	9.37	5.13	4.09	2.80	28.87	67.74	158.73	62.25	69.76	41.59	461.42	MCM
Momentary Peak	107.87 CMS. at 3.99 m. (A.D.) at 18.00 Hours , on Dec 15 , 2005													
Runoff Yield	58.06 Liters/Second/Square KM.			Momentary Peak Yield 428.056 Liters/Second/Square KM.										

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Sai Buri River at Ban Tha Rua, Narathiwat (X.199)

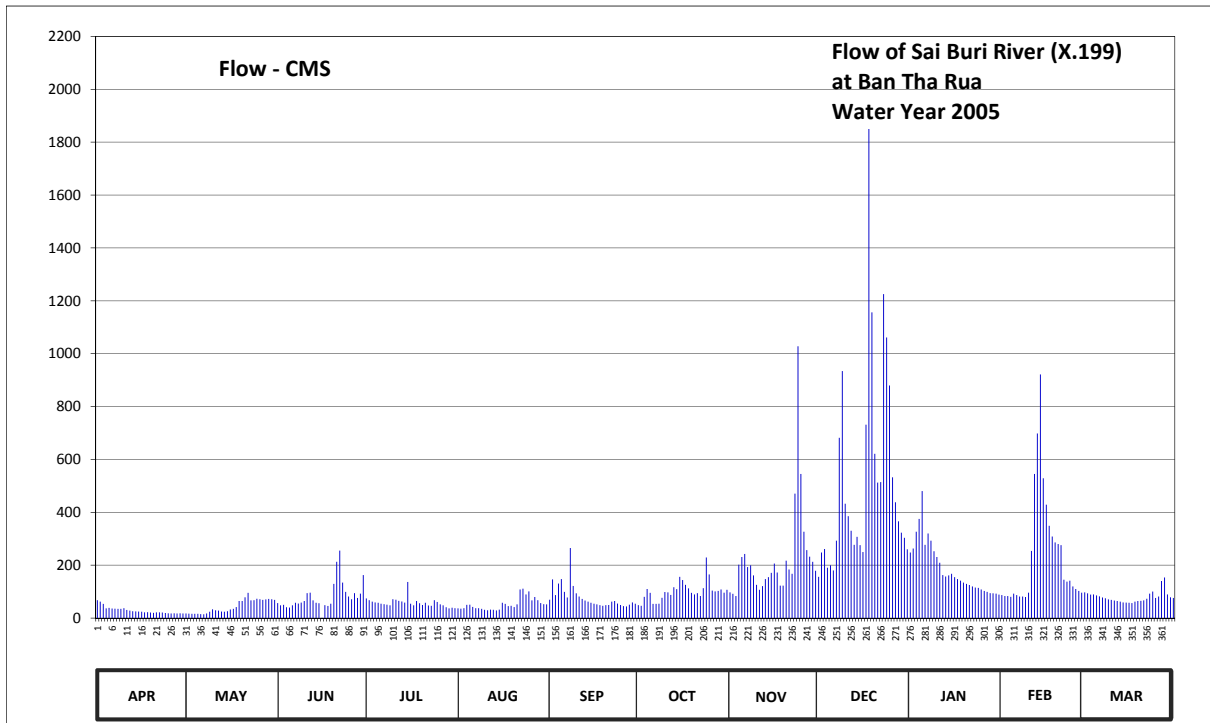
Lat 06 - 21 - 04 N Long 101 - 29 - 41 E

Location : on right bank at the highway bridge, Tambon Tha Rua.

	Ban Tha Rua	Amphoe Ruso	Changwat Narathiwat
Drainage Area	1,622	sq.km.	
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 20.00 meters from the top staff gage.		Elevation +12.859 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1999 to date.		
Rating Operation			
Period of Rating	1999 to date.		
Rated by Flot	-		
Rated by Current Meter	1999 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 20 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.20	2.45	3.07	3.27	2.80	3.22	2.97	3.52	4.05	4.74	3.41	3.52	
2	3.13	2.44	2.96	3.20	2.78	3.97	2.94	3.46	4.74	4.84	3.37	3.48	
3	3.03	2.43	2.99	3.13	2.81	3.41	3.34	3.37	4.83	5.24	3.37	3.43	
4	2.80	2.42	2.86	3.10	2.99	3.84	3.65	4.41	4.32	5.52	3.34	3.44	
5	2.82	2.42	2.84	3.08	3.00	3.98	3.50	4.62	4.39	6.09	3.47	3.40	
6	2.79	2.40	2.96	3.04	2.88	3.54	3.03	4.70	4.24	4.93	3.41	3.36	
7	2.78	2.39	3.08	3.02	2.81	3.31	3.03	4.34	5.03	5.20	3.35	3.31	
8	2.77	2.45	3.05	3.00	2.81	4.85	3.04	4.39	7.03	5.03	3.35	3.28	
9	2.77	2.58	3.09	2.96	2.77	3.76	3.30	4.09	8.04	4.77	3.33	3.23	
10	2.81	2.74	3.16	3.24	2.71	3.48	3.53	3.80	5.84	4.62	3.51	3.21	
11	2.70	2.68	3.49	3.22	2.68	3.35	3.52	3.62	5.58	4.46	4.78	3.18	
12	2.66	2.66	3.51	3.17	2.72	3.25	3.42	3.75	5.26	4.10	6.41	3.16	
13	2.62	2.59	3.19	3.14	2.71	3.18	3.71	3.98	4.93	4.06	7.10	3.13	
14	2.61	2.58	3.08	3.09	2.67	3.13	3.64	4.04	5.12	4.09	7.99	3.10	
15	2.60	2.62	3.06	3.89	2.72	3.08	4.05	4.17	4.92	4.14	6.33	3.09	
16	2.58	2.73	2.04	3.04	3.08	3.04	3.95	4.44	4.75	4.04	5.82	3.08	
17	2.54	2.77	2.97	2.96	3.03	3.01	3.80	4.18	7.24	3.98	5.37	3.07	
18	2.55	2.87	2.93	3.16	2.92	2.97	3.67	3.77	11.12	3.93	5.13	3.13	
19	2.52	3.16	3.04	3.06	2.94	2.94	3.50	3.77	8.85	3.87	4.99	3.16	
20	2.50	3.16	3.83	2.98	2.87	2.97	3.44	4.52	6.76	3.83	4.95	3.17	
21	2.53	3.32	4.49	3.08	3.01	2.98	3.49	4.27	6.25	3.79	4.92	3.19	
22	2.54	3.50	4.79	2.95	3.63	3.13	3.37	4.14	6.26	3.74	3.96	3.26	
23	2.52	3.19	3.87	2.94	3.66	3.16	3.68	6.04	9.09	3.70	3.90	3.47	
24	2.49	3.20	3.54	3.20	3.44	3.05	4.61	8.39	8.51	3.69	3.93	3.55	
25	2.46	3.26	3.35	3.12	3.56	2.98	4.12	6.41	7.83	3.63	3.74	3.29	
26	2.45	3.24	3.24	3.01	3.19	2.92	3.59	5.24	6.35	3.58	3.65	3.35	
27	2.46	3.21	3.49	2.96	3.33	2.90	3.56	4.80	5.87	3.54	3.58	3.92	
28	2.45	3.23	3.29	2.86	3.20	3.00	3.58	4.63	5.47	3.49	3.51	4.03	
29	2.46	3.25	3.47	2.80	3.07	3.10	3.63	4.49	5.22	3.48		3.44	
30	2.45	3.24	4.10	2.83	3.02	3.04	3.51	4.23	5.10	3.47		3.32	
31		3.21		2.81	3.01		3.62		4.82	3.43		3.29	
Mean	2.65	2.85	3.29	3.07	2.99	3.28	3.54	4.45	6.06	4.23	4.43	3.32	
Max	3.20	3.50	4.79	3.89	3.66	4.85	4.61	8.39	11.12	6.09	7.99	4.03	11.12
Min	2.45	2.39	2.04	2.80	2.67	2.90	2.94	3.37	4.05	3.43	3.33	3.07	2.04
Annual Max Momentary Gage Height	11.70		m. (A.D.) ,				at 18.00 Hours ,						on Dec 18 , 2005
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	0.79	m. (A.D.)					
Left Bank Elevation		14.22	m. (A.D.) ,										
Right Bank Elevation		13.26	m. (A.D.) ,			Drainage Are	1,622	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	68.00	17.50	56.95	74.30	37.00	69.80	48.90	97.40	156.25	248.30	86.95	97.40		
2	62.05	17.00	48.20	68.00	35.80	146.40	46.80	91.70	248.30	263.20	83.30	93.60		
3	53.55	16.50	50.30	62.05	37.70	86.95	80.60	83.30	261.65	326.80	83.30	88.85		
4	37.00	16.00	41.20	59.50	50.30	130.80	110.25	202.35	190.60	375.00	80.60	89.80		
5	38.40	16.00	39.80	57.80	51.00	147.60	95.50	230.90	199.70	480.55	92.65	86.00		
6	36.40	15.00	48.20	54.40	42.60	99.30	53.55	242.50	180.20	277.15	86.95	82.40		
7	35.80	14.60	57.80	52.70	37.70	77.90	53.55	193.20	292.80	320.00	81.50	77.90		
8	35.20	17.50	55.25	51.00	37.70	264.75	54.40	199.70	682.05	292.80	81.50	75.20		
9	35.20	24.00	58.65	48.20	35.20	121.80	77.00	161.25	934.60	252.65	79.70	70.70		
10	37.70	33.40	64.60	71.60	31.60	93.60	98.35	126.00	432.60	230.90	96.45	68.90		
11	31.00	29.80	94.55	69.80	29.80	81.50	97.40	107.10	385.50	209.10	254.10	66.30		
12	28.60	28.60	96.45	65.45	32.20	72.50	87.90	120.75	330.20	162.50	545.15	64.60		
13	26.20	24.50	67.15	62.90	31.60	66.30	116.55	147.60	277.15	157.50	698.50	62.05		
14	25.60	24.00	57.80	58.65	29.20	62.05	109.20	155.00	307.20	161.25	921.40	59.50		
15	25.00	26.20	56.10	136.80	32.20	57.80	156.25	171.25	275.60	167.50	528.65	58.65		
16	24.00	32.80	1.40	54.40	57.80	54.40	144.00	206.40	249.75	155.00	428.80	57.80		
17	22.00	35.20	48.90	48.20	53.55	51.85	126.00	172.50	731.80	147.60	348.90	56.95		
18	22.50	41.90	46.10	64.60	45.40	48.90	112.35	122.85	1849.60	141.60	308.80	62.05		
19	21.00	64.60	54.40	56.10	46.80	46.80	95.50	122.85	1156.25	134.40	286.45	64.60		
20	20.00	64.60	129.60	49.60	41.90	48.90	89.80	217.20	621.20	129.60	280.25	65.45		
21	21.50	78.80	213.15	57.80	51.85	49.60	94.55	184.10	512.25	124.95	275.60	67.15		
22	22.00	95.50	255.55	47.50	108.15	62.05	83.30	167.50	514.30	119.70	145.20	73.40		
23	21.00	67.15	134.40	46.80	111.30	64.60	113.40	470.80	1225.10	115.50	138.00	92.65		
24	19.50	68.00	99.30	68.00	89.80	55.25	229.45	1028.30	1061.25	114.45	141.60	100.25		
25	18.00	73.40	81.50	61.20	101.20	49.60	165.00	545.15	879.80	108.15	119.70	76.10		
26	17.50	71.60	71.60	51.85	67.15	45.40	104.05	326.80	532.75	103.10	110.25	81.50		
27	18.00	68.90	94.55	48.20	79.70	44.00	101.20	257.00	438.30	99.30	103.10	140.40		
28	17.50	70.70	76.10	41.20	68.00	51.00	103.10	232.35	366.25	94.55	96.45	153.75		
29	18.00	72.50	92.65	37.00	56.95	59.50	108.15	213.15	323.40	93.60		89.80		
30	17.50	71.60	162.50	39.10	52.70	54.40	96.45	178.90	304.00	92.65		78.80		
31		68.90		37.70	51.85		107.10		260.10	88.85		76.10		
Total	875.70	1366.75	2454.70	1802.40	1635.70	2365.30	3159.60	6775.85	16180.50	5788.20	6583.80	2478.60	51467.11	CMSDAY
Mean	29.19	44.09	81.82	58.14	52.76	78.84	101.92	225.86	521.95	186.72	235.14	79.95	141.01	CMS
Max	68.00	95.50	255.55	136.80	111.30	264.75	229.45	1028.30	1849.60	480.55	921.40	153.75	1849.60	CMS
Min	17.50	14.60	1.40	37.00	29.20	44.00	46.80	83.30	156.25	88.85	79.70	56.95	1.40	CMS
Runoff	75.66	118.09	212.09	155.73	141.32	204.36	272.99	585.43	1398.00	500.10	568.84	214.15	4446.76	MCM
Momentary Peak	2045.50	CMS.	at 11.70 m. (A.D.)	at 18.00 Hours	on Dec 18	2005								
Runoff Yield	86.91	Liters/Second/Square KM.			Momentary Peak Yield	1260.825	Liters/Second/Square KM.							

WATER YEAR : 2005**SOUTHERN PENINSULA EAST COAST****Khlong Thadee at Ban Na Pa , Nakhon Si Thammarat (X.203)**

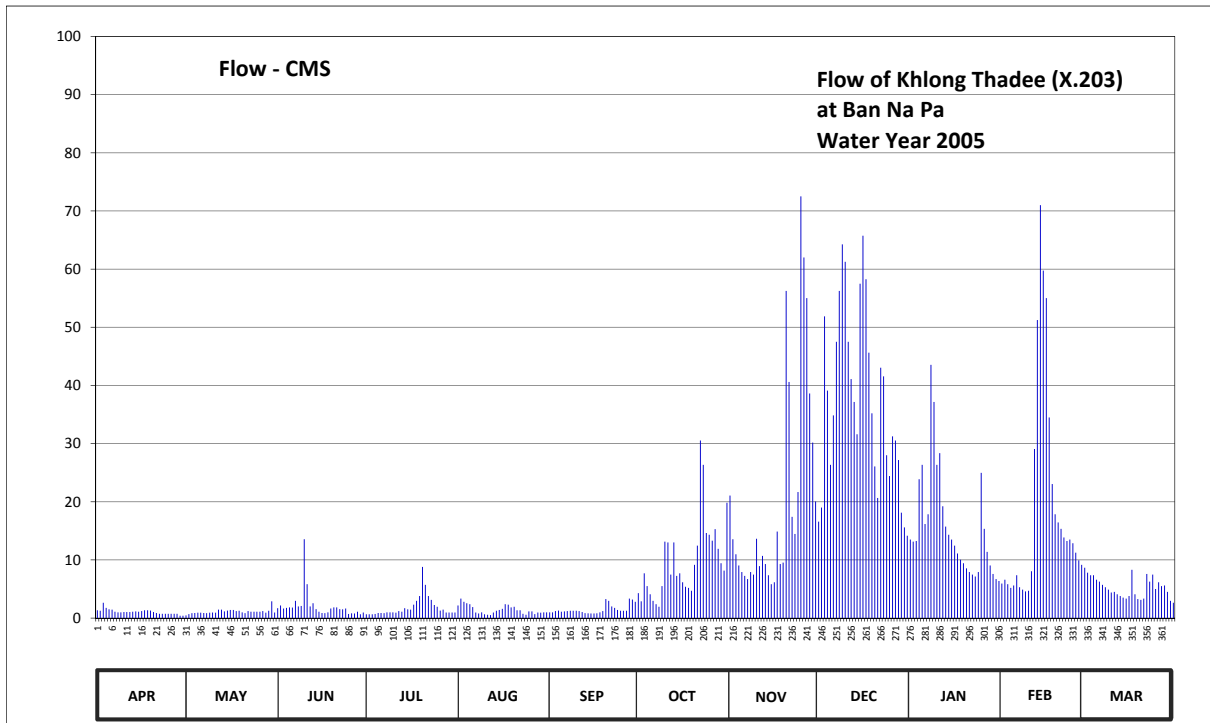
Lat 08 - 23 - 39 N Long 99 - 54 - 55 E

Location : on left bank at Ban Na Pa.

	Ban Na Pa	Amphoe Mueang	Changwat Nakhon Si Thammarat
Drainage Area	120 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+12.303 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2000 to date		
Rating Operation			
Period of Rating	2000 to date		
Rated by Flot	-		
Rated by Current Meter	2000 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 64 discharge measurements made in 2005.		

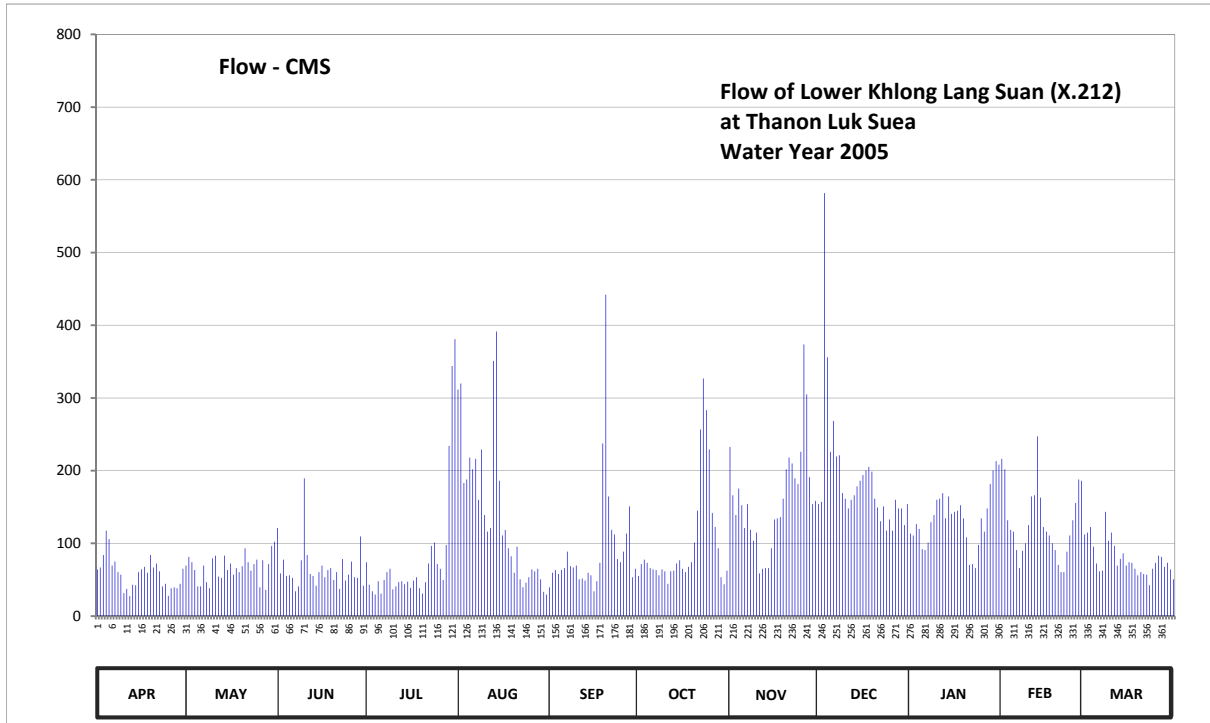
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.07	7.85	8.14	7.90	8.22	8.00	8.47	9.93	9.67	9.30	8.63	8.87	
2	8.05	7.91	8.22	7.90	8.37	8.00	8.31	9.31	9.83	9.23	8.69	8.80	
3	8.28	7.96	8.13	7.90	8.30	8.04	8.79	9.05	10.71	9.25	8.62	8.76	
4	8.15	7.97	8.15	7.92	8.27	8.06	8.59	8.90	10.48	10.05	8.56	8.76	
5	8.10	7.98	8.17	7.97	8.25	8.02	8.45	8.81	10.14	10.14	8.60	8.69	
6	8.09	7.98	8.16	7.97	8.18	8.03	8.32	8.75	10.39	9.64	8.76	8.66	
7	8.02	7.97	8.32	7.96	7.99	8.04	8.25	8.70	10.64	9.76	8.57	8.61	
8	8.00	7.96	8.20	8.00	7.94	8.05	8.19	8.81	10.78	10.57	8.53	8.57	
9	8.00	7.98	8.21	8.00	8.00	8.05	8.59	8.77	10.89	10.44	8.50	8.53	
10	8.01	7.99	9.31	8.00	7.90	8.05	9.23	9.33	10.85	10.14	8.51	8.48	
11	8.01	7.98	8.62	7.98	7.88	8.04	9.20	8.89	10.64	10.21	8.82	8.49	
12	8.01	8.09	8.20	8.04	7.86	8.01	8.77	9.03	10.52	9.84	10.23	8.45	
13	8.02	8.09	8.27	8.02	7.99	7.96	9.20	8.92	10.44	9.61	10.70	8.42	
14	8.03	8.03	8.11	8.14	8.05	7.95	8.75	8.76	10.30	9.44	10.98	8.39	
15	8.02	8.06	8.02	8.10	8.08	7.94	8.79	8.62	10.80	9.30	10.83	8.37	
16	8.04	8.08	7.97	8.09	8.12	7.94	8.65	8.65	10.91	9.16	10.76	8.42	
17	8.07	8.08	7.96	8.24	8.25	7.95	8.58	9.51	10.81	9.06	10.38	8.84	
18	8.07	8.04	8.00	8.32	8.24	8.00	8.56	8.92	10.61	8.98	10.02	8.45	
19	8.06	8.05	8.13	8.42	8.17	8.04	8.51	8.94	10.40	8.93	9.76	8.36	
20	8.01	8.00	8.17	8.88	8.19	8.36	8.91	10.78	10.13	8.86	9.66	8.34	
21	7.97	7.96	8.17	8.61	8.07	8.32	9.16	10.51	9.91	8.81	9.57	8.37	
22	7.93	8.04	8.11	8.42	8.07	8.20	10.27	9.73	10.56	8.77	9.37	8.78	
23	7.93	8.02	8.10	8.34	7.93	8.15	10.14	9.46	10.53	8.74	9.25	8.66	
24	7.93	8.02	8.13	8.23	7.88	8.08	9.48	9.96	10.20	8.81	9.30	8.77	
25	7.93	8.02	7.92	8.19	8.03	8.05	9.44	11.00	10.07	10.09	9.19	8.54	
26	7.93	8.02	7.95	8.06	8.03	8.05	9.26	10.86	10.29	9.57	9.07	8.65	
27	7.93	8.04	7.94	8.09	7.91	8.05	9.56	10.76	10.27	9.08	8.97	8.59	
28	7.93	7.98	8.02	7.99	7.99	8.37	9.12	10.47	10.17	8.90	8.91	8.60	
29	7.83	8.05	7.90	7.99	7.98	8.35	8.93	10.26	9.78	8.78		8.49	
30	7.83	8.31	7.99	7.99	8.00	8.30	8.83	9.88	9.60	8.70		8.32	
31		7.99		7.99	8.00		9.87		9.42	8.67		8.28	
Mean	8.01	8.02	8.16	8.12	8.07	8.08	8.94	9.48	10.35	9.38	9.35	8.56	
Max	8.28	8.31	9.31	8.88	8.37	8.37	10.27	11.00	10.91	10.57	10.98	8.87	11.00
Min	7.83	7.85	7.90	7.90	7.86	7.94	8.19	8.62	9.42	8.67	8.50	8.28	7.83
Annual Max Momentary Gage Height	11.02												
			m. (MSL.) , at 09.00 Hours , on Nov 25 , 2005										
Zero Gage at Bottom Elevation	0.00												
			m. (MSL.) , River Bed 7.61 m. (MSL.)										
Left Bank Elevation		12.50											
			m. (MSL.) ,										
Right Bank Elevation		12.44											
			m. (MSL.) , Drainage Area 120 Square Kilometers										



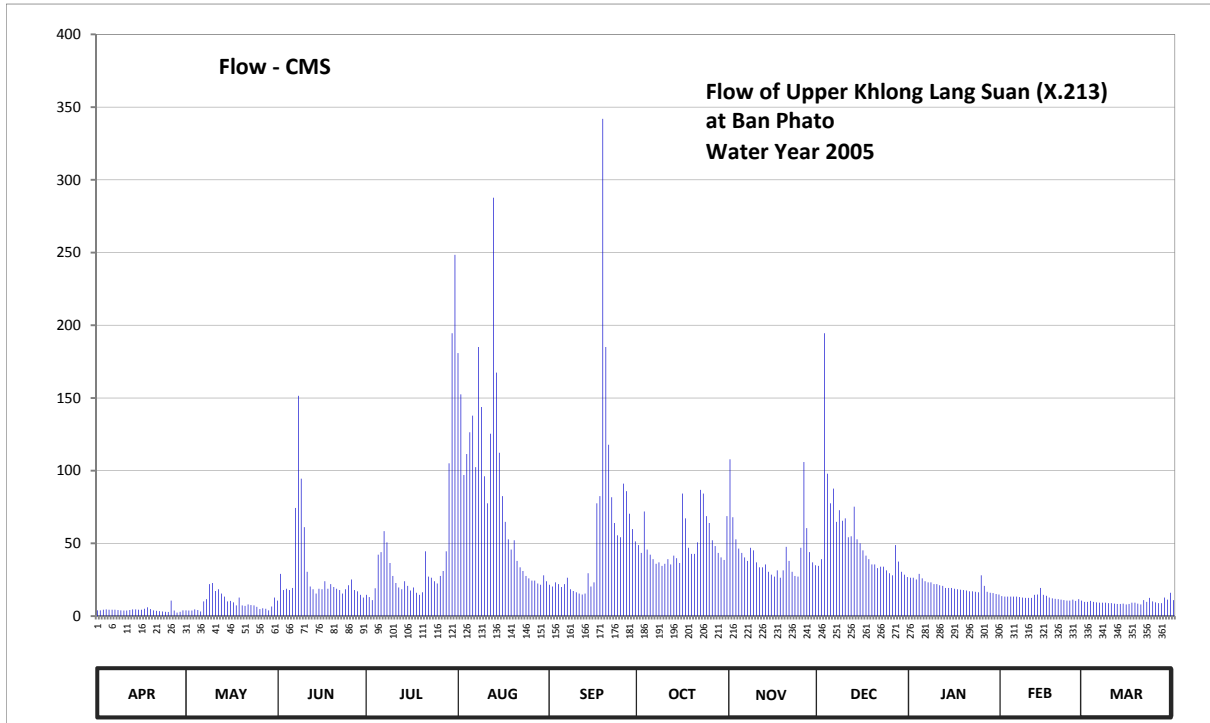
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.35	0.47	1.70	0.65	2.16	1.00	4.30	21.07	16.58	13.50	5.93	8.67		
2	1.25	0.68	2.16	0.65	3.36	1.00	2.88	13.55	19.01	13.15	6.59	7.80		
3	2.64	0.86	1.65	0.65	2.80	1.20	7.69	10.98	51.87	13.25	5.82	7.36		
4	1.75	0.89	1.75	0.72	2.56	1.30	5.50	9.05	39.12	23.88	5.20	7.36		
5	1.50	0.93	1.85	0.89	2.40	1.10	4.10	7.93	26.35	26.35	5.60	6.59		
6	1.45	0.93	1.80	0.89	1.90	1.15	2.96	7.25	34.84	16.16	7.36	6.26		
7	1.10	0.89	2.96	0.86	0.96	1.20	2.40	6.70	47.50	17.84	5.30	5.71		
8	1.00	0.86	2.00	1.00	0.79	1.25	1.95	7.93	56.25	43.53	4.90	5.30		
9	1.00	0.93	2.08	1.00	1.00	1.25	5.50	7.47	64.25	37.16	4.60	4.90		
10	1.05	0.96	13.55	1.00	0.65	1.25	13.15	13.65	61.25	26.35	4.70	4.40		
11	1.05	0.93	5.82	0.93	0.58	1.20	13.00	8.93	47.50	28.36	8.05	4.50		
12	1.05	1.45	2.00	1.20	0.51	1.05	7.47	10.70	41.08	19.22	29.08	4.10		
13	1.10	1.45	2.56	1.10	0.96	0.86	13.00	9.30	37.16	15.74	51.25	3.80		
14	1.15	1.15	1.55	1.70	1.25	0.82	7.25	7.36	31.60	14.32	71.00	3.52		
15	1.10	1.30	1.10	1.50	1.40	0.79	7.69	5.82	57.50	13.50	59.75	3.36		
16	1.20	1.40	0.89	1.45	1.60	0.79	6.15	6.15	65.75	12.46	55.00	3.80		
17	1.35	1.40	0.86	2.32	2.40	0.82	5.40	14.88	58.25	11.11	34.48	8.30		
18	1.35	1.20	1.00	2.96	2.32	1.00	5.20	9.30	45.62	10.05	23.05	4.10		
19	1.30	1.25	1.65	3.80	1.85	1.20	4.70	9.55	35.20	9.43	17.84	3.28		
20	1.05	1.00	1.85	8.80	1.95	3.28	9.17	56.25	26.08	8.55	16.44	3.12		
21	0.89	0.86	1.85	5.71	1.35	2.96	12.46	40.59	20.65	7.93	15.36	3.36		
22	0.75	1.20	1.55	3.80	1.35	2.00	30.52	17.42	43.04	7.47	13.85	7.58		
23	0.75	1.10	1.50	3.12	0.75	1.75	26.35	14.48	41.57	7.14	13.25	6.26		
24	0.75	1.10	1.65	2.24	0.58	1.40	14.64	21.68	28.00	7.93	13.50	7.47		
25	0.75	1.10	0.72	1.95	1.15	1.25	14.32	72.50	24.42	24.98	12.86	5.00		
26	0.75	1.10	0.82	1.30	1.15	1.25	13.30	62.00	31.24	15.36	11.24	6.15		
27	0.75	1.20	0.79	1.45	0.68	1.25	15.28	55.00	30.52	11.38	9.93	5.50		
28	0.75	0.93	1.10	0.96	0.96	3.36	11.92	38.63	27.18	9.05	9.17	5.60		
29	0.40	1.25	0.65	0.96	0.93	3.20	9.43	30.16	18.12	7.58		4.50		
30	0.40	2.88	0.96	0.96	1.00	2.80	8.17	20.04	15.60	6.70		2.96		
31		0.96		0.96	1.00		19.83		14.16	6.37		2.64		
Total	32.73	34.61	62.37	57.48	44.30	44.73	305.68	616.32	1157.26	485.80	521.10	163.25	3525.63	CMSDAY
Mean	1.09	1.12	2.08	1.85	1.43	1.49	9.86	20.54	37.33	15.67	18.61	5.27	9.66	CMS
Max	2.64	2.88	13.55	8.80	3.36	3.36	30.52	72.50	65.75	43.53	71.00	8.67	72.50	CMS
Min	0.40	0.47	0.65	0.65	0.51	0.79	1.95	5.82	14.16	6.37	4.60	2.64	0.40	CMS
Runoff	2.83	2.99	5.39	4.97	3.83	3.87	26.41	53.25	99.99	41.97	45.02	14.11	304.61	MCM
Momentary Peak		74.60	CMS. at 11.02 m. (MSL.) at 09.00 Hours , on Nov 25 , 2005											
Runoff Yield		80.46	Liters/Second/Square KM.		Momentary Peak Yield		621.408	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	64.20	69.60	121.30	74.10	311.60	39.60	55.20	232.50	154.00	113.50	216.40	112.20		
2	66.90	81.30	58.80	43.10	319.98	59.70	71.40	166.10	157.00	110.90	202.00	114.80		
3	84.00	74.10	77.70	34.00	183.15	63.30	77.70	139.00	581.85	126.50	131.70	122.60		
4	117.40	63.30	55.20	29.80	187.80	57.90	73.20	175.40	356.05	120.00	118.70	95.50		
5	105.85	41.00	56.10	48.00	218.00	63.30	66.00	152.50	226.00	92.05	116.10	72.30		
6	69.60	41.00	52.50	31.00	202.00	66.00	64.20	121.30	268.40	90.90	90.90	61.50		
7	75.00	69.60	34.00	49.80	216.40	88.60	63.30	154.00	219.60	101.25	66.00	62.40		
8	60.60	46.60	41.00	60.60	160.00	68.70	56.10	118.70	221.20	129.10	89.75	143.50		
9	57.00	38.20	76.80	65.10	229.25	66.90	64.20	103.55	169.20	139.00	100.10	103.55		
10	31.60	79.50	189.35	36.80	139.00	69.60	61.50	114.80	161.50	160.00	125.20	114.80		
11	37.50	83.10	84.00	41.00	116.10	50.70	44.50	58.80	148.00	161.50	164.55	96.65		
12	27.40	54.30	57.90	46.60	121.30	51.60	61.50	65.10	160.00	169.20	166.10	69.60		
13	43.10	52.50	55.20	48.00	350.88	48.90	62.40	66.00	166.10	134.50	247.12	78.60		
14	42.40	83.10	41.70	43.80	391.45	59.70	72.30	66.00	178.50	164.55	163.00	86.30		
15	60.60	63.30	60.60	47.30	186.25	56.10	76.80	93.20	186.25	140.50	122.60	69.60		
16	64.20	72.30	69.60	38.90	110.90	34.00	65.10	133.00	194.00	143.50	116.10	74.10		
17	67.80	57.00	53.40	48.90	118.70	48.00	60.60	134.50	200.40	145.00	110.90	73.20		
18	59.70	66.00	63.30	53.40	93.20	73.20	67.80	136.00	205.20	152.50	100.10	65.10		
19	84.00	60.60	66.00	38.20	82.20	237.37	74.10	161.50	198.80	134.50	90.90	56.10		
20	66.90	68.70	49.80	31.00	59.70	442.10	101.25	202.00	161.50	108.30	70.50	60.60		
21	72.30	93.20	60.60	46.60	95.50	164.55	145.00	218.00	149.50	70.50	60.60	57.90		
22	61.50	74.10	37.50	72.30	50.70	118.70	256.88	210.00	130.40	71.40	60.60	57.00		
23	41.00	62.40	78.60	96.65	39.60	112.20	326.73	189.35	151.00	66.00	88.60	42.40		
24	44.50	71.40	48.90	101.25	45.90	78.60	283.25	181.60	117.40	97.80	110.90	65.10		
25	28.00	77.70	57.00	71.40	53.40	74.10	229.25	226.00	133.00	134.50	131.70	73.20		
26	38.20	39.60	75.00	65.10	64.20	88.60	142.00	373.70	117.40	116.10	155.50	83.10		
27	39.60	76.80	53.40	49.80	61.50	113.50	122.60	304.90	160.00	148.00	187.80	81.30		
28	38.20	36.10	52.50	97.80	65.10	151.00	93.20	190.90	148.00	181.60	186.25	67.80		
29	44.50	71.40	109.60	234.12	50.70	53.40	53.40	154.00	148.00	200.40		73.20		
30	65.10	96.65	41.70	343.98	33.40	65.10	43.80	158.50	125.20	213.20		64.20		
31		102.40		380.80	29.80		62.40		154.00	208.40		50.70		
Total	1758.65	2066.85	1979.05	2469.20	4387.66	2765.02	3097.66	4800.90	5847.45	4145.15	3590.67	2448.90	39357.16	CMSDAY
Mean	58.62	66.67	65.97	79.65	141.54	92.17	99.92	160.03	188.63	133.71	128.24	79.00	107.83	CMS
Max	117.40	102.40	189.35	380.80	391.45	442.10	326.73	373.70	581.85	213.20	247.12	143.50	581.85	CMS
Min	27.40	36.10	34.00	29.80	29.80	34.00	43.80	58.80	117.40	66.00	60.60	42.40	27.40	CMS
Runoff	151.95	178.58	170.99	213.34	379.09	238.90	267.64	414.80	505.22	358.14	310.23	211.59	3400.46	MCM
Momentary Peak	630.00	CMS.	CMS.	at 4.40 m. (A.D.)	at 18.00 Hours	, on Dec 3	, 2005							
Runoff Yield	76.72	Liters/Second/Square KM.			Momentary Peak Yield	448.220	Liters/Second/Square KM.							



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.00	4.00	10.70	14.60	180.85	21.60	48.80	107.80	34.50	26.40	13.70	9.80		
2	4.00	3.80	29.00	13.10	152.53	20.40	43.40	68.00	39.20	26.40	13.40	9.80		
3	4.40	3.80	17.90	11.00	97.00	23.20	72.00	52.80	194.50	25.20	13.40	10.40		
4	4.60	4.60	18.80	19.10	111.40	22.00	45.80	46.40	97.90	29.00	13.40	9.80		
5	4.40	4.20	17.90	42.20	126.40	20.00	42.20	43.40	77.60	26.00	13.40	9.50		
6	4.40	3.20	19.40	44.00	137.90	22.00	39.20	40.40	87.65	24.00	13.40	9.20		
7	4.40	10.10	74.40	58.40	102.40	26.40	36.00	38.00	64.80	23.20	13.10	9.20		
8	4.20	11.60	151.55	50.70	185.05	18.50	37.00	47.00	72.80	23.20	12.80	9.20		
9	4.00	22.00	94.45	36.50	143.75	17.30	34.50	45.20	65.60	22.00	12.50	8.90		
10	3.80	22.80	61.20	27.60	96.15	16.40	36.00	37.00	67.20	22.00	12.50	8.90		
11	3.80	17.30	30.50	22.80	77.60	15.50	39.20	33.50	54.20	21.20	12.50	8.60		
12	4.20	18.50	20.40	19.70	125.45	14.90	35.50	33.50	54.90	20.80	14.60	8.30		
13	4.60	15.50	18.50	18.50	287.75	15.50	41.60	35.50	75.20	19.40	14.90	8.30		
14	4.60	13.40	15.50	24.00	167.50	29.50	39.80	30.50	52.80	19.40	19.40	8.60		
15	4.40	10.10	18.80	20.80	112.30	20.40	36.50	28.50	50.00	19.40	14.60	8.00		
16	4.40	10.40	18.50	17.60	82.55	23.20	84.25	27.20	45.20	18.80	14.00	8.30		
17	5.00	9.50	24.00	19.70	64.80	77.60	67.20	31.50	41.60	18.50	12.80	9.20		
18	6.00	7.40	18.80	16.10	52.80	82.55	47.00	26.40	39.20	18.20	12.20	9.20		
19	4.80	12.80	22.00	14.60	45.80	342.00	42.80	31.50	35.50	17.90	11.90	8.60		
20	4.00	7.40	20.00	16.40	52.10	185.05	42.80	47.60	35.50	17.60	11.60	8.00		
21	3.60	7.00	18.80	44.60	38.00	117.85	50.70	38.00	33.00	17.00	11.30	11.00		
22	3.40	8.00	17.90	27.20	33.50	81.70	86.80	30.50	34.00	17.00	11.00	9.80		
23	3.20	7.60	15.50	26.40	31.00	64.00	84.25	27.60	34.00	16.70	10.70	12.50		
24	3.00	7.40	18.50	24.00	27.60	55.60	68.80	27.20	31.50	16.40	10.70	10.10		
25	2.80	6.40	21.20	22.40	26.00	54.20	64.00	47.00	29.50	28.00	11.30	9.50		
26	10.70	4.80	25.20	27.60	24.40	91.05	52.10	106.00	28.00	20.80	10.40	8.90		
27	3.80	5.40	17.90	31.00	24.40	85.95	48.20	60.50	48.80	16.70	11.60	8.90		
28	2.40	5.00	17.00	44.60	22.40	70.40	43.40	44.00	37.50	16.10	10.70	12.80		
29	3.00	4.00	14.60	105.10	21.60	59.80	40.40	37.00	30.50	15.80		11.30		
30	4.00	6.60	12.80	194.50	28.00	51.40	38.60	35.00	28.50	15.20		16.10		
31		12.80		248.40	24.00		68.80		26.80	14.90		11.00		
Total	127.90	287.40	881.70	1303.20	2702.98	1745.95	1557.60	1304.50	1647.95	633.20	357.80	301.70	12851.88	CMSDAY
Mean	4.26	9.27	29.39	42.04	87.19	58.20	50.25	43.48	53.16	20.43	12.78	9.73	35.21	CMS
Max	10.70	22.80	151.55	248.40	287.75	342.00	86.80	107.80	194.50	29.00	19.40	16.10	342.00	CMS
Min	2.40	3.20	10.70	11.00	21.60	14.90	34.50	26.40	26.80	14.90	10.40	8.00	2.40	CMS
Runoff	11.05	24.83	76.18	112.60	233.54	150.85	134.58	112.71	142.38	54.71	30.91	26.07	1110.40	MCM
Momentary Peak		530.00	CMS. at 6.05 m. (A.D.)											on Sep 19, 2005
Runoff Yield		49.30	Liters/Second/Square KM.											Momentary Peak Yield 742.058 Liters/Second/Square KM.

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Lower Khlong Lamae at Ban Thung Luang , Chumphon (X.214)

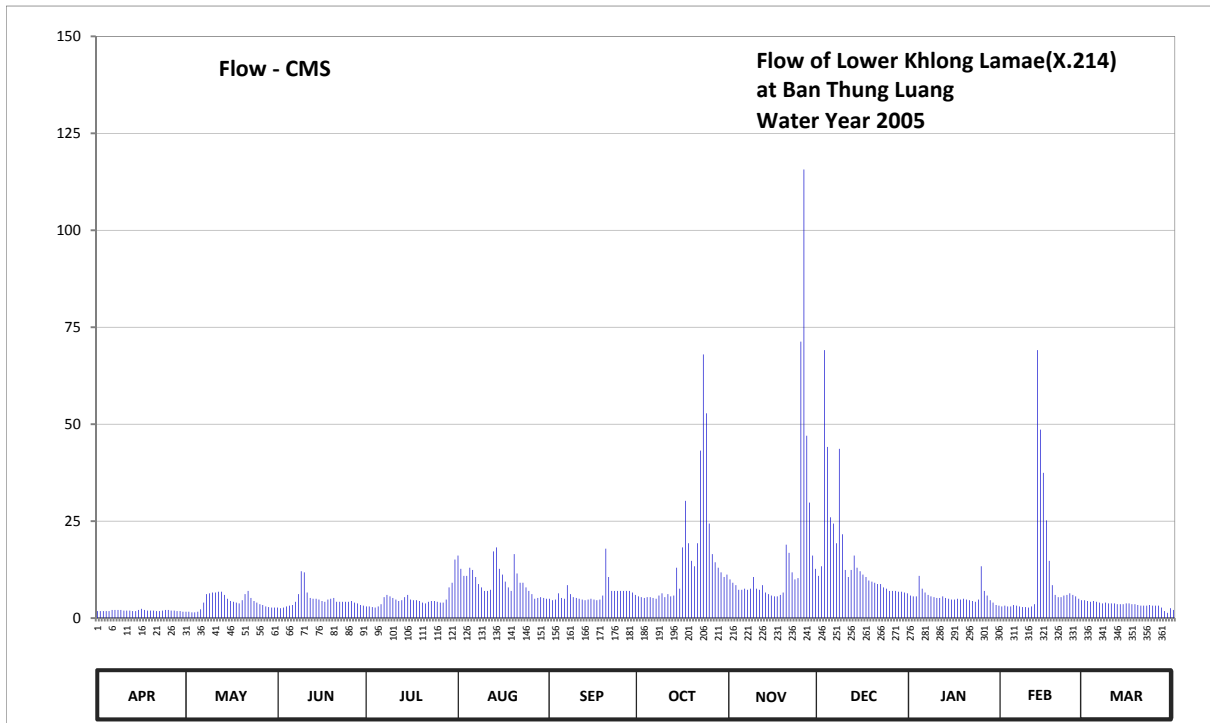
Lat 09 - 46 - 06 N Long 99 - 05 - 00 E

Location : on left bank at the highway bridge., Tambon Thung Luang

	Ban Thung Luang	Amphoe Lamae	Changwat Chumphon
Drainage Area	144 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 2 meters from the top staff gage.	Elevation	+11.021 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings		
Period of Available Gage Records	1999 to date		
Rating Operation			
Period of Rating	1999 to date		
Rated by Flot	-		
Rated by Current Meter	1999 , 2009 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 36 discharge measurements made in 2005.		

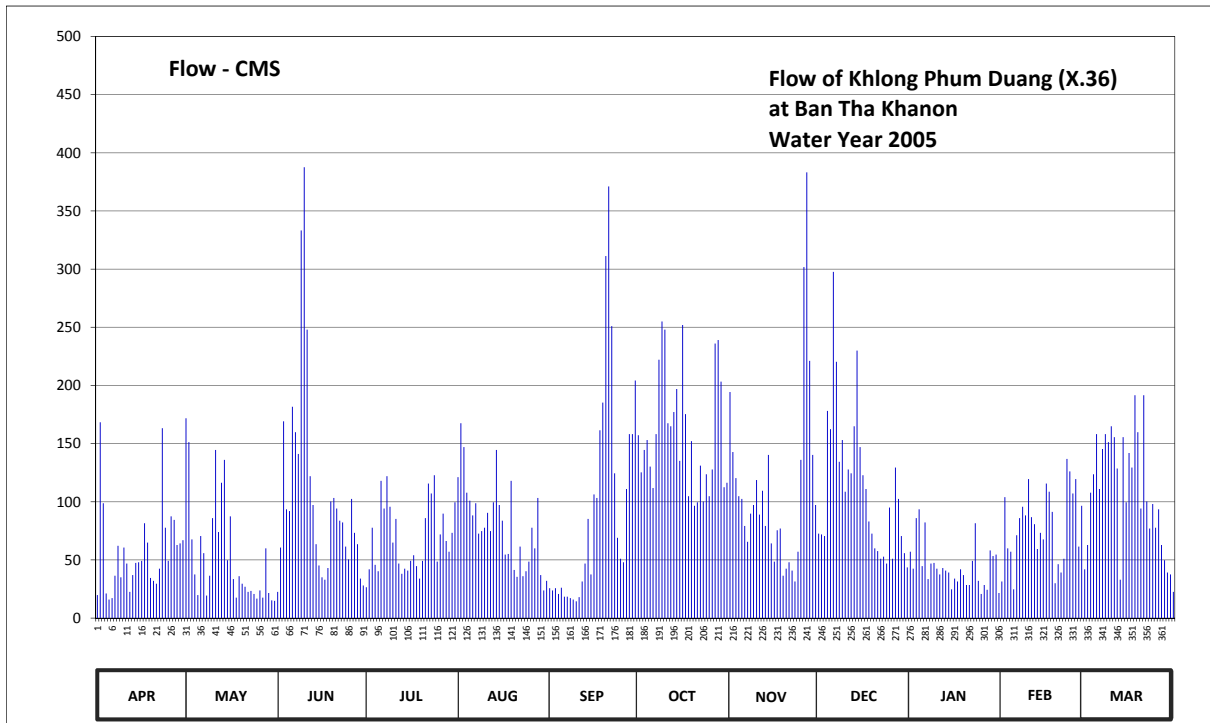
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.28	-0.29	-0.22	-0.20	0.29	-0.10	-0.07	0.10	0.13	-0.06	-0.20	-0.12	
2	-0.28	-0.29	-0.23	-0.20	0.19	-0.12	-0.08	0.07	0.21	-0.07	-0.19	-0.13	
3	-0.28	-0.30	-0.22	-0.21	0.13	-0.11	-0.09	0.05	1.42	-0.07	-0.20	-0.14	
4	-0.28	-0.30	-0.20	-0.22	0.13	-0.03	-0.08	0.01	0.95	0.13	-0.20	-0.13	
5	-0.28	-0.29	-0.19	-0.20	0.20	-0.09	-0.08	0.01	0.55	0.02	-0.18	-0.14	
6	-0.26	-0.25	-0.18	-0.17	0.18	-0.10	-0.09	0.02	0.51	-0.02	-0.19	-0.15	
7	-0.26	-0.15	-0.14	-0.08	0.12	0.05	-0.10	0.01	0.38	-0.05	-0.20	-0.16	
8	-0.26	-0.04	-0.04	-0.05	0.06	-0.04	-0.06	0.02	0.94	-0.07	-0.21	-0.15	
9	-0.26	-0.03	0.17	-0.07	0.03	-0.08	-0.03	0.12	0.44	-0.08	-0.21	-0.16	
10	-0.27	-0.02	0.16	-0.09	0.00	-0.09	-0.08	0.02	0.18	-0.09	-0.22	-0.16	
11	-0.27	-0.02	-0.02	-0.11	0.00	-0.10	-0.04	0.01	0.12	-0.09	-0.20	-0.16	
12	-0.27	-0.01	-0.09	-0.13	0.01	-0.11	-0.07	0.05	0.18	-0.07	-0.17	-0.17	
13	-0.28	-0.01	-0.10	-0.12	0.32	-0.12	-0.06	-0.02	0.29	-0.09	1.42	-0.17	
14	-0.28	-0.05	-0.10	-0.08	0.35	-0.11	0.20	-0.04	0.20	-0.10	1.04	-0.17	
15	-0.26	-0.10	-0.11	-0.05	0.19	-0.10	0.02	-0.06	0.17	-0.11	0.81	-0.16	
16	-0.24	-0.13	-0.13	-0.11	0.14	-0.11	0.35	-0.07	0.14	-0.11	0.53	-0.16	
17	-0.26	-0.14	-0.14	-0.12	0.08	-0.12	0.65	-0.07	0.12	-0.10	0.25	-0.17	
18	-0.27	-0.15	-0.11	-0.12	0.03	-0.11	0.38	-0.05	0.09	-0.11	0.05	-0.17	
19	-0.27	-0.16	-0.10	-0.13	0.00	-0.06	0.25	-0.02	0.08	-0.10	-0.05	-0.18	
20	-0.27	-0.12	-0.09	-0.15	0.30	0.34	0.21	0.37	0.07	-0.11	-0.08	-0.19	
21	-0.28	-0.04	-0.14	-0.16	0.15	0.12	0.38	0.31	0.06	-0.12	-0.08	-0.19	
22	-0.28	0.00	-0.14	-0.14	0.07	0.00	0.93	0.16	0.06	-0.13	-0.06	-0.19	
23	-0.27	-0.09	-0.14	-0.13	0.07	0.00	1.40	0.10	0.03	-0.14	-0.05	-0.18	
24	-0.26	-0.13	-0.14	-0.13	0.03	0.00	1.12	0.11	0.02	-0.11	-0.03	-0.19	
25	-0.26	-0.15	-0.14	-0.14	0.00	0.00	0.51	1.46	0.00	0.21	-0.05	-0.19	
26	-0.27	-0.17	-0.13	-0.15	-0.04	0.00	0.30	2.21	0.00	0.00	-0.07	-0.19	
27	-0.27	-0.18	-0.15	-0.15	-0.10	0.00	0.24	1.01	0.00	-0.06	-0.10	-0.22	
28	-0.28	-0.20	-0.16	-0.11	-0.09	0.00	0.20	0.64	-0.01	-0.12	-0.12	-0.28	
29	-0.28	-0.21	-0.18	0.03	-0.08	-0.02	0.16	0.29	-0.01	-0.15		-0.31	
30	-0.29	-0.22	-0.19	0.07	-0.09	-0.05	0.12	0.19	-0.02	-0.18		-0.23	
31		-0.22		0.26	-0.10		0.14		-0.03	-0.19		-0.26	
Mean	-0.27	-0.14	-0.12	-0.11	0.08	-0.04	0.21	0.23	0.23	-0.08	0.04	-0.18	
Max	-0.24	0.00	0.17	0.26	0.35	0.34	1.40	2.21	1.42	0.21	1.42	-0.12	2.21
Min	-0.29	-0.30	-0.23	-0.22	-0.10	-0.12	-0.10	-0.07	-0.03	-0.19	-0.22	-0.31	-0.31
Annual Max Momentary Gage Height	2.60												at 06.00 Hours , on Nov 26 , 2005
Zero Gage at Bottom Elevation	0.00												River Bed -0.42 m. (A.D.)
Left Bank Elevation	11.14												m. (A.D.) ,
Right Bank Elevation	11.16												m. (A.D.) ,
						Drainage Are	144	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.80	1.65	2.70	3.00	16.15	5.00	5.60	10.00	10.90	5.80	3.00	4.60	
2	1.80	1.65	2.55	3.00	12.70	4.60	5.40	9.10	13.35	5.60	3.20	4.40	
3	1.80	1.50	2.70	2.85	10.90	4.80	5.20	8.50	69.10	5.60	3.00	4.20	
4	1.80	1.50	3.00	2.70	10.90	6.40	5.40	7.30	44.13	10.90	3.00	4.40	
5	1.80	1.65	3.20	3.00	13.00	5.20	5.40	7.30	26.00	7.60	3.40	4.20	
6	2.10	2.25	3.40	3.60	12.40	5.00	5.20	7.60	24.40	6.60	3.20	4.00	
7	2.10	4.00	4.20	5.40	10.60	8.50	5.00	7.30	19.30	6.00	3.00	3.80	
8	2.10	6.20	6.20	6.00	8.80	6.20	5.80	7.60	43.65	5.60	2.85	4.00	
9	2.10	6.40	12.10	5.60	7.90	5.40	6.40	10.60	21.60	5.40	2.85	3.80	
10	1.95	6.60	11.80	5.20	7.00	5.20	5.40	7.60	12.40	5.20	2.70	3.80	
11	1.95	6.60	6.60	4.80	7.00	5.00	6.20	7.30	10.60	5.20	3.00	3.80	
12	1.95	6.80	5.20	4.40	7.30	4.80	5.60	8.50	12.40	5.60	3.60	3.60	
13	1.80	6.80	5.00	4.60	17.20	4.60	5.80	6.60	16.15	5.20	69.10	3.60	
14	1.80	6.00	5.00	5.40	18.25	4.80	13.00	6.20	13.00	5.00	48.60	3.60	
15	2.10	5.00	4.80	6.00	12.70	5.00	7.60	5.80	12.10	4.80	37.47	3.80	
16	2.40	4.40	4.40	4.80	11.20	4.80	18.25	5.60	11.20	4.80	25.20	3.80	
17	2.10	4.20	4.20	4.60	9.40	4.60	30.25	5.60	10.60	5.00	14.75	3.60	
18	1.95	4.00	4.80	4.60	7.90	4.80	19.30	6.00	9.70	4.80	8.50	3.60	
19	1.95	3.80	5.00	4.40	7.00	5.80	14.75	6.60	9.40	5.00	6.00	3.40	
20	1.95	4.60	5.20	4.00	16.50	17.90	13.35	18.95	9.10	4.80	5.40	3.20	
21	1.80	6.20	4.20	3.80	11.50	10.60	19.30	16.85	8.80	4.60	5.40	3.20	
22	1.80	7.00	4.20	4.20	9.10	7.00	43.18	11.80	8.80	4.40	5.80	3.20	
23	1.95	5.20	4.20	4.40	9.10	7.00	68.00	10.00	7.90	4.20	6.00	3.40	
24	2.10	4.40	4.20	4.40	7.90	7.00	52.80	10.30	7.60	4.80	6.40	3.20	
25	2.10	4.00	4.20	4.20	7.00	7.00	24.40	71.30	7.00	13.35	6.00	3.20	
26	1.95	3.60	4.40	4.00	6.20	7.00	16.50	115.70	7.00	7.00	5.60	3.20	
27	1.95	3.40	4.00	4.00	5.00	7.00	14.40	47.02	7.00	5.80	5.00	2.70	
28	1.80	3.00	3.80	4.80	5.20	7.00	13.00	29.80	6.80	4.60	4.60	1.80	
29	1.80	2.85	3.40	7.90	5.40	6.60	11.80	16.15	6.80	4.00		1.35	
30	1.65	2.70	3.20	9.10	5.20	6.00	10.60	12.70	6.60	3.40		2.55	
31		2.70		15.10	5.00		11.20		6.40	3.20		2.10	
Total	58.20	130.65	141.85	153.85	301.40	190.60	474.08	501.67	479.78	173.85	296.62	107.10	3009.65 CMSDAY
Mean	1.94	4.21	4.73	4.96	9.72	6.35	15.29	16.72	15.48	5.61	10.59	3.45	8.25 CMS
Max	2.40	7.00	12.10	15.10	18.25	17.90	68.00	115.70	69.10	13.35	69.10	4.60	115.70 CMS
Min	1.65	1.50	2.55	2.70	5.00	4.60	5.00	5.60	6.40	3.20	2.70	1.35	1.35 CMS
Runoff	5.028	11.288	12.256	13.293	26.041	16.468	40.961	43.344	41.453	15.021	25.628	9.253	260.034 MCM
Momentary Peak	144.00	CMS. at 2.60 m. (A.D.) at 06.00 Hours , on Nov 26 , 2005											
Runoff Yield	57.16	Liters/Second/Square KM. Momentary Peak Yield 998.267 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.80	171.80	22.50	26.55	121.15	25.65	157.25	194.30	72.60	57.00	31.50	41.95	
2	168.30	151.30	60.70	41.95	167.45	23.85	125.27	142.80	71.90	42.50	104.00	62.80	
3	98.75	67.70	169.15	77.75	147.05	25.65	144.50	120.32	70.50	86.00	60.00	107.87	
4	21.15	37.55	93.50	45.80	107.87	20.70	153.00	104.77	178.10	93.50	57.00	123.62	
5	16.00	19.80	92.00	40.30	101.00	26.10	130.23	102.50	162.35	44.70	24.75	158.10	
6	17.20	70.50	181.70	117.95	88.25	18.45	111.75	79.25	297.60	82.25	71.20	110.97	
7	36.50	55.80	159.80	94.25	98.75	18.45	158.10	65.60	220.25	33.50	86.00	145.35	
8	62.10	19.35	141.10	121.97	72.60	17.20	222.15	89.75	134.35	46.90	95.75	158.10	
9	35.00	36.50	333.30	95.75	74.75	16.00	255.00	97.25	153.00	47.45	88.25	151.30	
10	60.70	86.00	387.60	64.90	77.75	14.40	248.00	118.72	108.65	42.50	119.50	164.90	
11	46.90	144.50	248.00	85.25	90.50	18.00	167.45	89.00	127.75	37.55	86.75	155.55	
12	22.50	74.00	121.97	46.90	74.75	31.50	164.90	109.42	124.45	43.05	80.75	128.58	
13	37.00	116.40	97.25	38.10	99.50	46.90	177.20	79.25	164.90	40.85	59.40	33.00	
14	47.45	136.00	63.50	42.50	144.50	85.25	197.00	140.25	230.00	39.20	73.30	155.55	
15	48.00	49.80	45.25	40.85	97.25	37.55	135.18	64.20	147.05	24.75	67.70	99.50	
16	49.20	87.50	35.00	49.20	83.75	106.32	252.00	48.60	122.80	34.00	115.62	141.95	
17	81.50	33.50	33.00	54.00	54.60	103.25	175.40	75.50	110.97	31.50	108.65	129.40	
18	64.90	17.60	43.05	44.70	55.20	161.50	104.77	77.00	83.00	41.95	91.25	191.60	
19	34.50	36.00	100.25	34.00	117.95	185.30	152.15	36.50	72.60	37.00	30.00	159.80	
20	32.00	29.50	103.25	49.20	41.40	311.25	96.50	42.50	60.00	28.50	46.35	94.25	
21	29.50	27.00	94.25	86.00	35.50	371.10	99.50	48.00	57.60	28.50	39.20	191.60	
22	42.50	22.50	83.75	115.62	61.40	251.00	131.05	40.85	51.00	49.20	51.00	100.25	
23	163.20	23.40	82.25	107.10	36.00	124.45	100.25	31.50	52.80	81.50	136.85	77.00	
24	77.75	20.70	61.40	122.80	40.30	69.10	123.62	57.00	46.90	32.00	126.10	98.00	
25	49.20	16.80	50.40	48.60	48.60	51.00	104.77	136.00	95.00	20.70	107.10	77.75	
26	87.50	23.85	102.50	71.90	77.75	48.00	127.75	301.80	51.00	28.50	119.50	93.50	
27	84.50	17.60	73.30	89.75	60.00	110.97	236.00	383.20	129.40	24.30	61.40	62.80	
28	62.80	60.00	63.50	66.30	103.25	158.10	239.00	221.20	102.50	58.20	96.50	49.80	
29	64.20	21.60	34.00	57.00	37.00	158.10	203.30	140.25	70.50	53.40		39.20	
30	67.00	15.20	28.00	73.30	23.85	204.20	112.52	97.25	55.80	54.60		37.55	
31		14.80		99.50	32.00		116.40		43.60	21.60		22.50	
Total	1727.60	1704.55	3205.22	2149.74	2471.67	2839.29	4921.96	3334.53	3468.92	1387.15	2235.37	3364.09	32810.09 CMSDAY
Mean	57.59	54.99	106.84	69.35	79.73	94.64	158.77	111.15	111.90	44.75	79.83	108.52	89.89 CMS
Max	168.30	171.80	387.60	122.80	167.45	371.10	255.00	383.20	297.60	93.50	136.85	191.60	387.60 CMS
Min	16.00	14.80	22.50	26.55	23.85	14.40	96.50	31.50	43.60	20.70	24.75	22.50	14.40 CMS
Runoff	149.27	147.27	276.93	185.74	213.55	245.32	425.26	288.10	299.72	119.85	193.14	290.66	2834.79 MCM
Momentary Peak	406.30	CMS.	CMS. at 5.33 m. (MSL.)	at 18.00 Hours ,	on Jun 10 , 2005								
Runoff Yield	30.29	Liters/Second/Square KM.		Momentary Peak Yield	136.894	Liters/Second/Square KM.							

WATER YEAR : 2005

TAPI RIVER BASIN

Tapi River at Ban Yan Din Daeng , Surat Thani (X.37A)

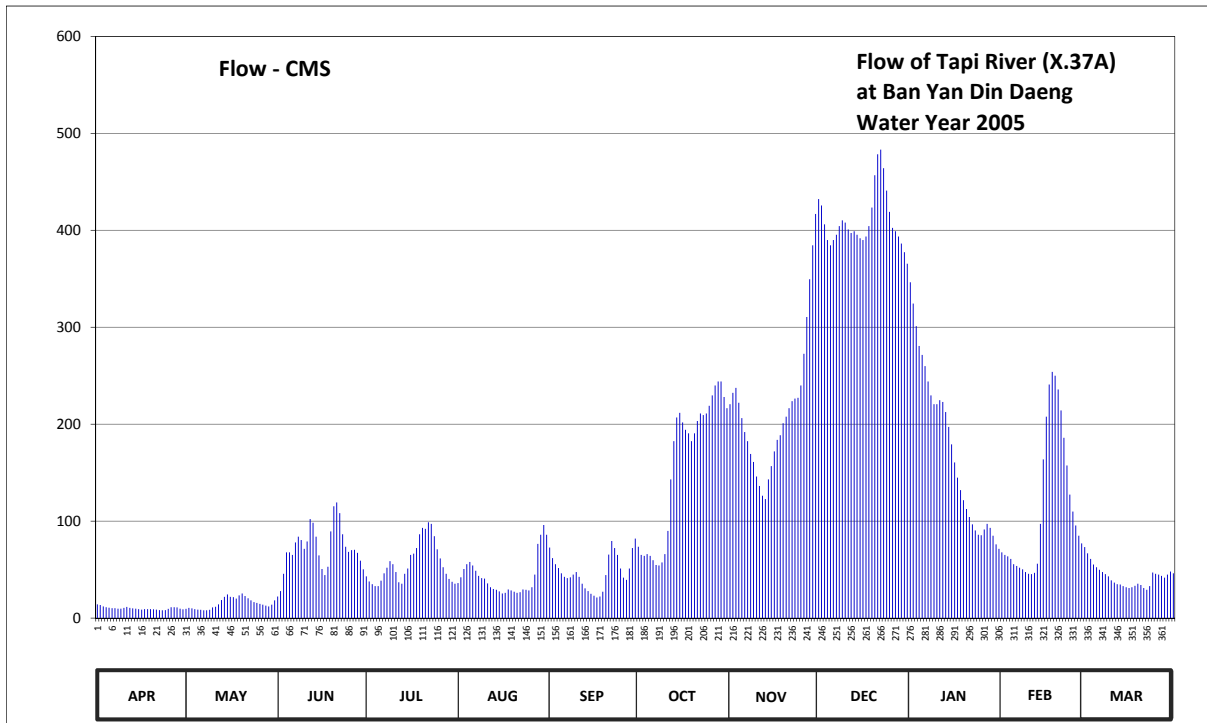
Lat 08 - 34 - 03 N Long 99 - 15 - 15 E

Location : on left bank at Tambon Yan Din Daeng.

	Ban Yan Din Daeng	Amphoe Phrasaeng	Changwat Surat Thani
Drainage Area	5,383 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+4.800 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+10.240 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1969 to date		
Rating Operation			
Period of Rating	1969 to date		
Rated by Flot	-		
Rated by Current Meter	1969 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 70 discharge measurements made in 2005.		

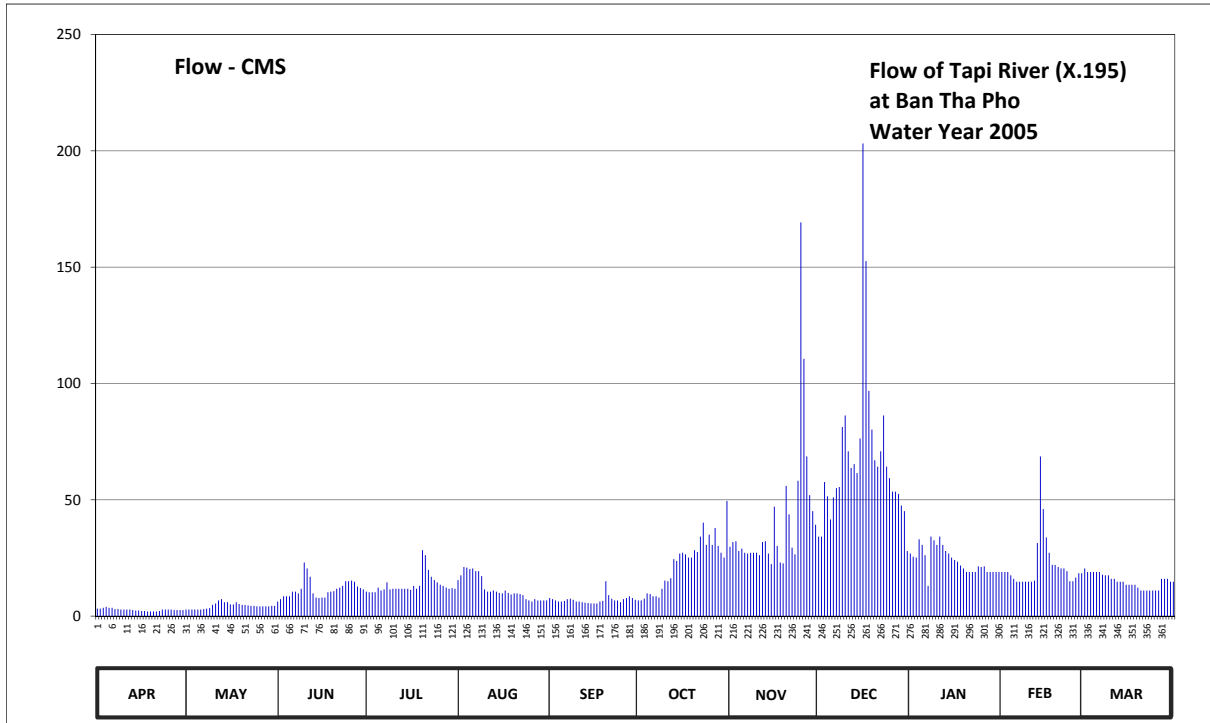
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.07	4.90	5.34	5.89	5.73	6.55	6.57	8.97	10.51	10.04	6.44	6.56	
2	5.05	4.94	5.51	5.77	5.87	6.31	6.38	9.11	10.48	9.90	6.38	6.42	
3	5.00	4.92	5.95	5.70	6.06	6.17	6.36	9.17	10.39	9.74	6.35	6.29	
4	4.97	4.89	6.44	5.65	6.17	6.08	6.40	8.99	10.30	9.58	6.29	6.16	
5	4.95	4.87	6.44	5.65	6.22	5.96	6.36	8.79	10.27	9.50	6.17	6.10	
6	4.93	4.86	6.38	5.79	6.14	5.88	6.26	8.60	10.30	9.40	6.13	6.04	
7	4.93	4.84	6.66	5.96	6.02	5.85	6.15	8.46	10.33	9.24	6.09	5.99	
8	4.91	4.84	6.78	6.09	5.90	5.87	6.14	8.26	10.38	9.08	6.05	5.94	
9	4.91	4.86	6.71	6.24	5.85	5.93	6.21	8.13	10.41	8.97	5.99	5.89	
10	4.94	4.96	6.52	6.17	5.84	5.99	6.40	7.89	10.40	8.97	5.95	5.80	
11	4.98	4.99	6.68	5.99	5.72	5.88	6.90	7.73	10.36	9.02	5.94	5.74	
12	4.94	5.07	7.13	5.75	5.62	5.71	7.84	7.56	10.34	9.00	5.97	5.70	
13	4.92	5.22	7.06	5.71	5.57	5.59	8.46	7.50	10.35	8.87	6.18	5.69	
14	4.91	5.33	6.78	5.95	5.55	5.51	8.80	7.84	10.33	8.67	7.04	5.65	
15	4.89	5.41	6.37	6.07	5.50	5.43	8.86	8.06	10.31	8.41	8.17	5.62	
16	4.87	5.33	6.06	6.38	5.44	5.37	8.73	8.30	10.30	8.12	8.81	5.60	
17	4.89	5.32	5.92	6.41	5.46	5.31	8.63	8.48	10.32	7.87	9.21	5.62	
18	4.89	5.27	6.11	6.54	5.56	5.34	8.58	8.55	10.38	7.66	9.34	5.66	
19	4.89	5.38	6.89	6.83	5.53	5.49	8.46	8.72	10.47	7.48	9.30	5.71	
20	4.88	5.44	7.37	6.96	5.49	5.92	8.58	8.81	10.62	7.32	9.15	5.68	
21	4.87	5.36	7.44	6.94	5.46	6.39	8.75	8.92	10.71	7.17	8.89	5.60	
22	4.85	5.28	7.24	7.07	5.48	6.69	8.85	9.01	10.73	7.03	8.51	5.55	
23	4.84	5.21	6.83	7.04	5.56	6.54	8.83	9.04	10.65	6.91	8.07	5.65	
24	4.85	5.15	6.57	6.79	5.55	6.38	8.85	9.05	10.55	6.82	7.58	5.98	
25	4.90	5.12	6.45	6.51	5.53	6.07	8.95	9.20	10.45	6.81	7.27	5.95	
26	4.97	5.09	6.49	6.30	5.62	5.86	9.08	9.51	10.37	6.93	7.01	5.93	
27	4.97	5.06	6.50	6.10	5.93	5.81	9.20	9.81	10.35	7.04	6.80	5.90	
28	4.96	5.03	6.43	5.95	6.63	6.07	9.24	10.06	10.32	6.96	6.64	5.86	
29	4.91	5.00	6.25	5.83	6.82	6.54	9.24	10.27	10.28	6.80		5.93	
30	4.88	5.06	6.05	5.76	7.02	6.74	9.06	10.44	10.23	6.62		6.00	
31		5.21		5.71	6.82		8.92		10.16	6.52		5.96	
Mean	4.92	5.10	6.51	6.18	5.86	5.97	7.94	8.77	10.40	8.14	7.20	5.88	
Max	5.07	5.44	7.44	7.07	7.02	6.74	9.24	10.44	10.73	10.04	9.34	6.56	10.73
Min	4.84	4.84	5.34	5.65	5.44	5.31	6.14	7.50	10.16	6.52	5.94	5.55	4.84
Annual Max Momentary Gage Height	10.73		m. (MSL.) ,				at 06.00 Hours ,						on Dec 22 , 2005
Zero Gage at Bottom Elevation	4.80		m. (MSL.) ,			River Bed	3.07	m. (MSL.)					
Left Bank Elevation	12.43		m. (MSL.) ,										
Right Bank Elevation	12.60		m. (MSL.) ,			Drainage Are	5,383	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	14.10	9.50	22.20	43.05	36.20	72.75	73.65	220.60	432.20	346.40	67.80	73.20		
2	13.50	10.50	27.85	37.80	42.15	61.95	65.10	232.35	425.60	324.50	65.10	66.90		
3	12.00	10.00	45.75	35.00	50.70	55.65	64.20	237.45	406.20	301.20	63.75	61.05		
4	11.25	9.25	67.80	33.00	55.65	51.60	66.00	222.20	390.00	280.70	61.05	55.20		
5	10.75	8.75	67.80	33.00	57.90	46.20	64.20	206.25	384.60	271.50	55.65	52.50		
6	10.25	8.50	65.10	38.60	54.30	42.60	59.70	192.00	390.00	260.00	53.85	49.80		
7	10.25	8.00	78.00	46.20	48.90	41.25	54.75	182.55	395.40	244.00	52.05	47.55		
8	9.75	8.00	84.00	52.05	43.50	42.15	54.30	169.40	404.40	229.80	50.25	45.30		
9	9.75	8.50	80.50	58.80	41.25	44.85	57.45	161.13	410.20	220.60	47.55	43.05		
10	10.50	11.00	71.40	55.65	40.80	47.55	66.00	146.12	408.00	220.60	45.75	39.00		
11	11.50	11.75	79.00	47.55	35.80	42.60	90.00	136.30	400.80	224.70	45.30	36.60		
12	10.50	14.10	102.15	37.00	31.80	35.40	143.00	126.20	397.20	223.00	46.65	35.00		
13	10.00	18.60	98.30	35.40	29.95	30.65	182.55	122.75	399.00	212.60	56.10	34.60		
14	9.75	21.90	84.00	45.75	29.25	27.85	207.00	143.00	395.40	197.25	97.20	33.00		
15	9.25	24.35	64.65	51.15	27.50	25.05	211.80	156.75	391.80	179.18	163.63	31.80		
16	8.75	21.90	50.70	65.10	25.40	23.10	201.75	172.00	390.00	160.50	207.80	31.00		
17	9.25	21.60	44.40	66.45	26.10	21.30	194.25	183.90	393.60	144.87	241.00	31.80		
18	9.25	20.10	52.95	72.30	29.60	22.20	190.65	188.63	404.40	132.10	254.00	33.40		
19	9.25	23.40	89.50	86.50	28.55	27.15	182.55	201.00	423.40	121.60	250.00	35.40		
20	9.00	25.40	115.35	93.00	27.15	44.40	190.65	207.80	456.80	112.60	235.75	34.20		
21	8.75	22.80	119.30	92.00	26.10	65.55	203.25	216.60	478.40	104.35	214.20	31.00		
22	8.25	20.40	108.20	98.85	26.80	79.50	211.00	223.85	483.20	96.65	185.93	29.25		
23	8.00	18.30	86.50	97.20	29.60	72.30	209.40	226.40	464.00	90.50	157.37	33.00		
24	8.25	16.50	73.65	84.50	29.25	65.10	211.00	227.25	441.00	86.00	127.35	47.10		
25	9.50	15.60	68.25	70.95	28.55	51.15	219.00	240.00	419.00	85.50	109.85	45.75		
26	11.25	14.70	70.05	61.50	31.80	41.70	229.80	272.65	402.60	91.50	95.55	44.85		
27	11.25	13.80	70.50	52.50	44.85	39.45	240.00	310.55	399.00	97.20	85.00	43.50		
28	11.00	12.90	67.35	45.75	76.50	51.15	244.00	349.60	393.60	93.00	77.00	41.70		
29	9.75	12.00	59.25	40.35	86.00	72.30	244.00	384.60	386.40	85.00		44.85		
30	9.00	13.80	50.25	37.40	96.10	82.00	228.10	416.80	377.40	76.00		48.00		
31		18.30		35.40	86.00		216.60		365.60	71.40		46.20		
Total	303.60	474.20	2,164.70	1749.75	1324.00	1426.45	4875.70	6476.68	12709.20	5384.80	3212.48	1325.55	41427.11	CMSDAY
Mean	10.12	15.30	72.16	56.44	42.71	47.55	157.28	215.89	409.97	173.70	114.73	42.76	113.50	CMS
Max	14.10	25.40	119.30	98.85	96.10	82.00	244.00	416.80	483.20	346.40	254.00	73.20	483.20	CMS
Min	8.00	8.00	22.20	33.00	25.40	21.30	54.30	122.75	365.60	71.40	45.30	29.25	8.00	CMS
Runoff	26.23	40.97	187.03	151.18	114.39	123.25	421.26	559.59	1098.08	465.25	277.56	114.53	3579.30	MCM
Momentary Peak	483.20	CMS, at 10.73 m. (A.D.), at 06.00 Hours, on Dec 22, 2005												
Runoff Yield	21.08	Liters/Second/Square KM.			Momentary Peak Yield	89.760	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.20	2.80	6.25	10.50	15.50	7.75	6.75	29.80	34.20	26.90	19.00	20.50	
2	3.20	2.80	7.25	10.25	17.50	7.25	6.75	31.80	34.20	25.50	19.00	19.00	
3	3.60	2.80	8.50	10.25	21.10	6.75	7.50	32.20	57.65	25.15	19.00	19.00	
4	4.00	2.80	8.50	10.25	20.80	6.25	9.75	27.95	51.50	33.00	17.50	19.00	
5	3.60	2.80	8.50	12.25	20.20	6.25	9.50	29.00	41.50	30.60	16.00	19.00	
6	3.60	2.80	10.50	11.00	20.50	6.50	8.50	27.25	51.00	26.20	14.75	19.00	
7	3.00	3.00	10.50	11.50	19.30	7.25	8.50	26.90	55.00	13.00	14.75	17.80	
8	3.00	3.20	9.75	14.50	19.30	7.50	8.00	27.25	55.50	34.20	14.75	17.50	
9	2.80	3.40	11.75	11.50	17.20	7.00	11.75	27.25	81.30	32.60	14.75	17.50	
10	2.80	4.80	23.05	11.75	11.50	6.25	15.25	27.25	86.25	30.60	14.75	16.00	
11	2.80	5.40	20.50	11.75	10.50	6.25	15.00	26.20	70.85	34.20	14.75	16.00	
12	2.80	6.75	16.90	11.75	10.50	6.00	16.30	31.80	63.70	30.60	15.25	14.75	
13	2.60	7.25	9.75	11.75	11.00	5.80	24.45	32.20	65.35	27.95	31.40	14.75	
14	2.40	6.00	8.00	11.75	10.50	5.60	23.75	26.90	61.50	26.90	68.65	14.75	
15	2.40	6.00	7.75	11.75	10.00	5.40	26.90	22.35	76.35	25.15	46.00	13.50	
16	2.20	5.00	8.00	11.25	9.75	5.40	27.25	47.00	203.15	24.10	33.80	13.50	
17	2.20	5.00	8.00	13.00	11.00	5.40	26.55	30.20	152.60	23.40	27.25	13.50	
18	2.00	6.00	10.25	11.75	10.00	6.25	25.15	23.05	96.80	21.70	22.00	13.50	
19	2.00	5.20	10.50	13.00	9.25	6.50	25.15	22.70	80.20	20.50	22.00	12.25	
20	2.00	4.80	10.75	28.30	9.75	15.00	28.30	56.00	67.00	19.00	21.10	11.00	
21	2.00	4.80	11.75	26.20	9.75	9.00	27.60	43.75	64.25	19.00	20.50	11.00	
22	2.20	4.60	12.25	19.90	9.50	7.50	34.20	29.40	70.85	19.00	20.50	11.00	
23	2.80	4.40	13.00	16.90	9.00	6.75	40.15	26.55	86.25	19.00	19.30	11.00	
24	2.80	4.40	15.00	15.50	7.25	6.75	30.60	58.20	64.25	21.40	15.00	11.00	
25	2.80	4.20	15.00	14.50	6.75	6.00	35.00	169.20	59.30	21.10	15.00	11.00	
26	2.80	4.20	15.25	13.50	6.25	7.25	30.60	110.60	53.50	21.40	16.60	11.00	
27	2.60	4.20	14.75	13.00	7.25	7.75	37.90	68.65	53.50	19.00	18.40	16.00	
28	2.60	4.20	12.75	12.25	6.75	8.50	30.20	52.00	52.50	19.00	18.40	16.00	
29	2.60	4.20	12.00	11.75	6.75	7.75	27.25	45.10	47.50	19.00		16.00	
30	2.60	4.40	11.50	12.00	6.75	7.00	25.15	39.25	45.10	19.00		14.75	
31		4.40		11.75	6.75		49.50		27.95	19.00		14.75	
Total	82.00	136.60	348.20	417.05	367.90	210.60	699.20	1247.75	2110.55	747.15	610.15	465.30	7442.45 CMSDAY
Mean	2.73	4.41	11.61	13.45	11.87	7.02	22.55	41.59	68.08	24.10	21.79	15.01	20.39 CMS
Max	4.00	7.25	23.05	28.30	21.10	15.00	49.50	169.20	203.15	34.20	68.65	20.50	203.15 CMS
Min	2.00	2.80	6.25	10.25	6.25	5.40	6.75	22.35	27.95	13.00	14.75	11.00	2.00 CMS
Runoff	7.09	11.80	30.08	36.03	31.79	18.20	60.41	107.81	182.35	64.55	52.72	40.20	643.03 MCM
Momentary Peak		216.75	CMS, at 5.15 m. (A.D.), at 09.00 Hours, on Dec 16, 2005										
Runoff Yield		41.78	Liters/Second/Square KM.		Momentary Peak Yield		444.160	Liters/Second/Square KM.					

WATER YEAR : 2005**TAPI RIVER BASIN****Tapi River at Ban Na Khao, Nakhon Si Thammarat (X.197)**

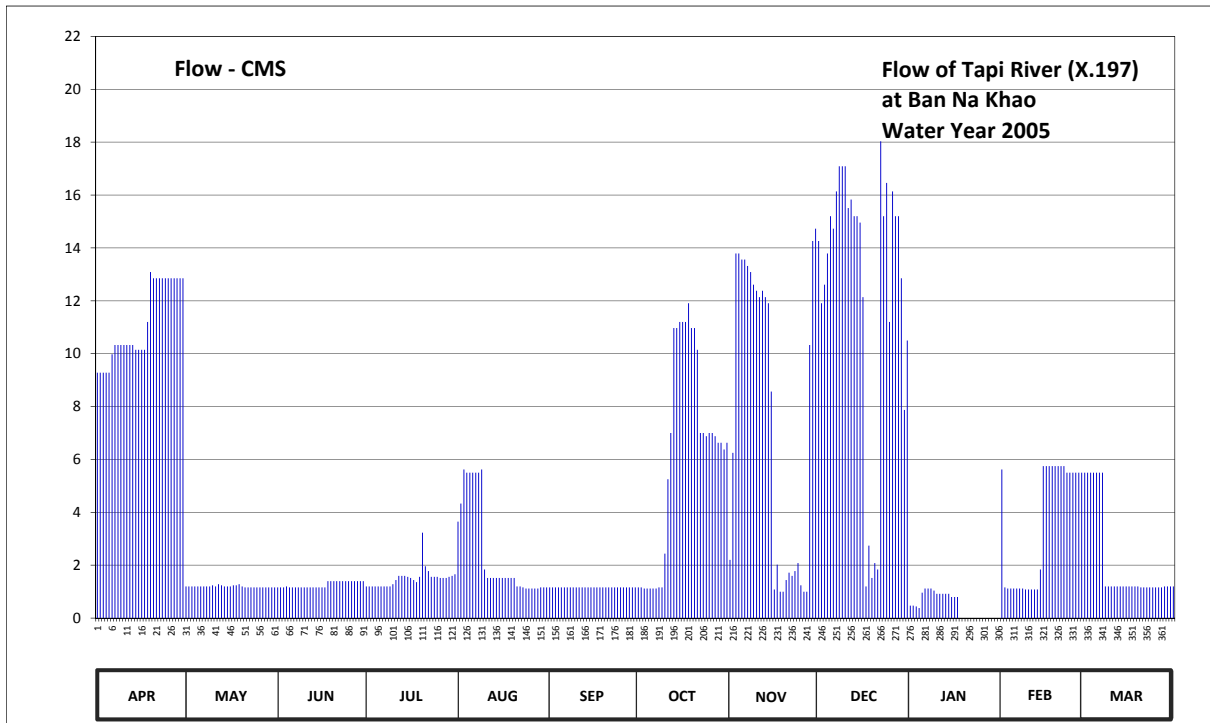
Lat 08 - 35 - 06 N Long 99 - 35 - 24 E

Location : on left bank at Ban Na Khao.

	Ban Na Khao	Amphoe Phipun	Changwat Nakhon Si Thammarat
Drainage Area	125 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+56.014 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2005 to date.		
Rating Operation			
Period of Rating	2005 to date.		
Rated by Flot	-		
Rated by Current Meter	2005 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records poor.Stage-discharge relation defined by 52 discharge measurements made in 2005.		

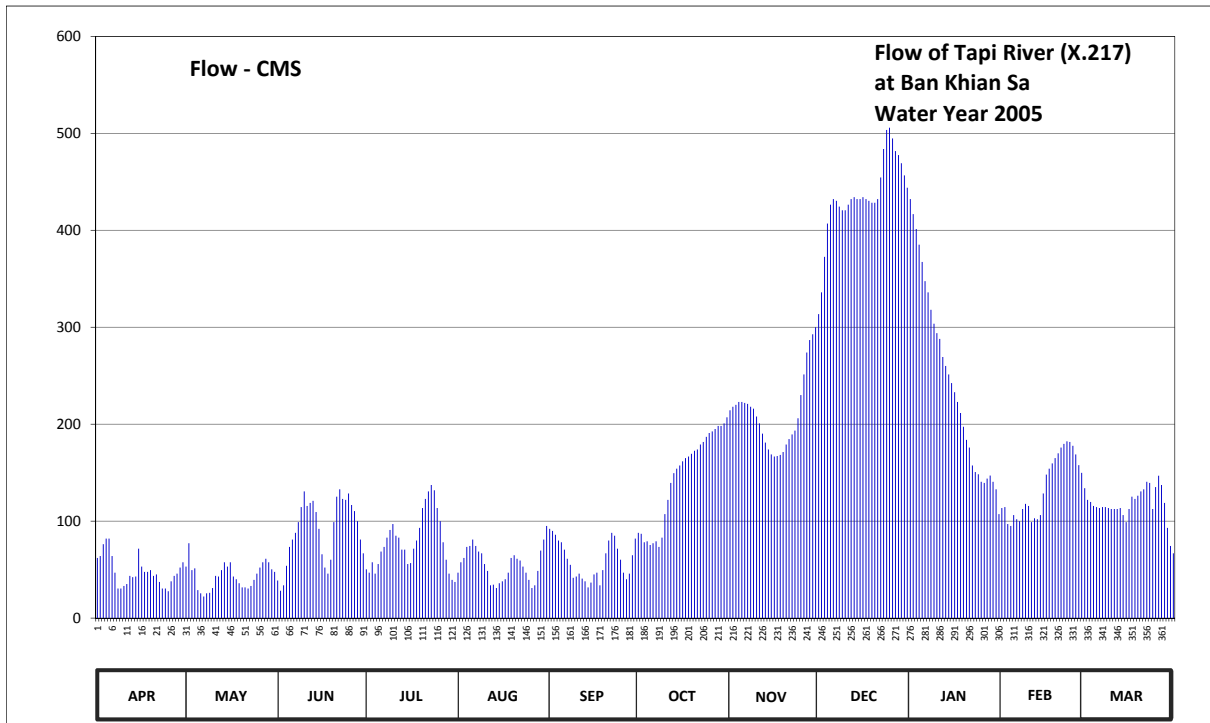
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	52.93	52.10	52.09	52.10	52.50	52.09	52.09	52.30	53.16	51.89	52.69	52.68	
2	52.93	52.10	52.09	52.10	52.58	52.09	52.09	52.74	53.06	51.89	52.09	52.68	
3	52.93	52.10	52.09	52.10	52.69	52.09	52.08	53.14	53.09	51.88	52.08	52.68	
4	52.93	52.10	52.10	52.10	52.68	52.09	52.08	53.14	53.14	51.86	52.08	52.68	
5	52.93	52.10	52.09	52.10	52.68	52.09	52.08	53.13	53.20	52.04	52.08	52.68	
6	52.97	52.10	52.09	52.10	52.68	52.09	52.08	53.13	53.18	52.08	52.08	52.68	
7	52.99	52.10	52.09	52.10	52.68	52.09	52.08	53.12	53.23	52.08	52.08	52.68	
8	52.99	52.10	52.09	52.10	52.68	52.09	52.09	53.11	53.26	52.08	52.08	52.10	
9	52.99	52.10	52.09	52.10	52.69	52.09	52.09	53.09	53.26	52.06	52.07	52.10	
10	52.99	52.11	52.09	52.12	52.24	52.09	52.34	53.08	53.26	52.03	52.07	52.10	
11	52.99	52.10	52.09	52.16	52.18	52.09	52.66	53.07	53.21	52.03	52.07	52.10	
12	52.99	52.12	52.09	52.20	52.18	52.09	52.80	53.08	53.22	52.03	52.07	52.10	
13	52.99	52.11	52.09	52.20	52.18	52.09	53.02	53.07	53.20	52.03	52.07	52.10	
14	52.98	52.10	52.09	52.20	52.18	52.09	53.02	53.06	53.20	52.03	52.24	52.10	
15	52.98	52.10	52.09	52.19	52.18	52.09	53.03	52.89	53.19	52.00	52.70	52.10	
16	52.98	52.10	52.09	52.18	52.18	52.09	53.03	52.07	53.07	52.00	52.70	52.10	
17	52.98	52.11	52.09	52.16	52.18	52.09	53.03	52.27	52.10	52.00	52.70	52.10	
18	53.03	52.11	52.15	52.14	52.18	52.09	53.06	52.05	52.39	51.70	52.70	52.10	
19	53.11	52.12	52.15	52.19	52.18	52.09	53.02	52.05	52.18	51.70	52.70	52.10	
20	53.10	52.10	52.15	52.45	52.18	52.09	53.02	52.16	52.28	51.70	52.70	52.09	
21	53.10	52.09	52.15	52.26	52.10	52.09	52.98	52.22	52.24	51.70	52.70	52.09	
22	53.10	52.09	52.15	52.23	52.10	52.09	52.80	52.20	53.29	51.69	52.70	52.09	
23	53.10	52.09	52.15	52.19	52.09	52.09	52.80	52.23	53.20	51.69	52.68	52.09	
24	53.10	52.09	52.15	52.19	52.08	52.09	52.79	52.28	53.24	51.69	52.68	52.09	
25	53.10	52.09	52.15	52.19	52.08	52.09	52.80	52.11	53.03	51.69	52.68	52.09	
26	53.10	52.09	52.15	52.18	52.08	52.09	52.80	52.05	53.23	51.69	52.68	52.09	
27	53.10	52.09	52.15	52.18	52.08	52.09	52.79	52.05	53.20	51.69	52.68	52.09	
28	53.10	52.09	52.15	52.18	52.08	52.09	52.77	52.99	53.20	51.69	52.68	52.10	
29	53.10	52.09	52.15	52.19	52.09	52.09	52.77	53.16	53.10	51.69		52.10	
30	53.10	52.09	52.15	52.20	52.09	52.09	52.75	53.18	52.85	51.68		52.10	
31		52.09		52.21	52.09		52.77		53.00	51.68		52.10	
Mean	53.02	52.10	52.12	52.17	52.29	52.09	52.63	52.67	53.01	51.86	52.41	52.23	
Max	53.11	52.12	52.15	52.45	52.69	52.09	53.06	53.18	53.29	52.08	52.70	52.68	53.29
Min	52.93	52.09	52.09	52.10	52.08	52.09	52.08	52.05	52.10	51.68	52.07	52.09	51.68
Annual Max Momentary Gage Height	53.30		m. (MSL.) ,				at 06.00 Hours ,		on Dec 22 , 2005				
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	51.50		m. (MSL.)				
Left Bank Elevation		56.25		m. (MSL.) ,									
Right Bank Elevation		56.35		m. (MSL.) ,		Drainage Are	125		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.28	1.20	1.16	1.20	3.65	1.16	1.16	2.20	14.26	0.47	5.62	5.50	
2	9.28	1.20	1.16	1.20	4.33	1.16	1.16	6.25	11.91	0.47	1.16	5.50	
3	9.28	1.20	1.16	1.20	5.62	1.16	1.12	13.79	12.61	0.44	1.12	5.50	
4	9.28	1.20	1.20	1.20	5.50	1.16	1.12	13.79	13.79	0.38	1.12	5.50	
5	9.28	1.20	1.16	1.20	5.50	1.16	1.12	13.56	15.20	0.96	1.12	5.50	
6	9.98	1.20	1.16	1.20	5.50	1.16	1.12	13.56	14.73	1.12	1.12	5.50	
7	10.33	1.20	1.16	1.20	5.50	1.16	1.12	13.32	16.14	1.12	1.12	5.50	
8	10.33	1.20	1.16	1.20	5.50	1.16	1.16	13.09	17.09	1.12	1.12	1.20	
9	10.33	1.20	1.16	1.20	5.62	1.16	1.16	12.61	17.09	1.04	1.08	1.20	
10	10.33	1.24	1.16	1.28	1.84	1.16	2.44	12.38	17.09	0.92	1.08	1.20	
11	10.33	1.20	1.16	1.44	1.52	1.16	5.25	12.14	15.51	0.92	1.08	1.20	
12	10.33	1.28	1.16	1.60	1.52	1.16	7.00	12.38	15.83	0.92	1.08	1.20	
13	10.33	1.24	1.16	1.60	1.52	1.16	10.97	12.14	15.20	0.92	1.08	1.20	
14	10.15	1.20	1.16	1.60	1.52	1.16	10.97	11.91	15.20	0.92	1.84	1.20	
15	10.15	1.20	1.16	1.56	1.52	1.16	11.20	8.57	14.96	0.80	5.75	1.20	
16	10.15	1.20	1.16	1.52	1.52	1.16	11.20	1.08	12.14	0.80	5.75	1.20	
17	10.15	1.24	1.16	1.44	1.52	1.16	11.20	2.02	1.20	0.80	5.75	1.20	
18	11.20	1.24	1.40	1.36	1.52	1.16	11.91	1.00	2.74	0.00	5.75	1.20	
19	13.09	1.28	1.40	1.56	1.52	1.16	10.97	1.00	1.52	0.00	5.75	1.20	
20	12.85	1.20	1.40	3.23	1.52	1.16	10.97	1.44	2.08	0.00	5.75	1.16	
21	12.85	1.16	1.40	1.96	1.20	1.16	10.15	1.72	1.84	0.00	5.75	1.16	
22	12.85	1.16	1.40	1.78	1.20	1.16	7.00	1.60	18.03	0.00	5.75	1.16	
23	12.85	1.16	1.40	1.56	1.16	1.16	7.00	1.78	15.20	0.00	5.50	1.16	
24	12.85	1.16	1.40	1.56	1.12	1.16	6.88	2.08	16.46	0.00	5.50	1.16	
25	12.85	1.16	1.40	1.56	1.12	1.16	7.00	1.24	11.20	0.00	5.50	1.16	
26	12.85	1.16	1.40	1.52	1.12	1.16	7.00	1.00	16.14	0.00	5.50	1.16	
27	12.85	1.16	1.40	1.52	1.12	1.16	6.88	1.00	15.20	0.00	5.50	1.16	
28	12.85	1.16	1.40	1.52	1.12	1.16	6.63	10.33	15.20	0.00	5.50	1.20	
29	12.85	1.16	1.40	1.56	1.16	1.16	6.63	14.26	12.85	0.00		1.20	
30	12.85	1.16	1.40	1.60	1.16	1.16	6.38	14.73	7.87	0.00		1.20	
31		1.16		1.66	1.16		6.63		10.50	0.00		1.20	
Total	334.93	37.08	37.96	46.79	76.40	34.80	192.50	227.97	386.78	14.12	99.74	66.98	1556.05 CMSDAY
Mean	11.16	1.20	1.27	1.51	2.46	1.16	6.21	7.60	12.48	0.46	3.56	2.16	4.26 CMS
Max	13.09	1.28	1.40	3.23	5.62	1.16	11.91	14.73	18.03	1.12	5.75	5.50	18.03 CMS
Min	9.28	1.16	1.16	1.20	1.12	1.16	1.12	1.00	1.20	0.00	1.08	1.16	0.00 CMS
Runoff	28.94	3.20	3.28	4.04	6.60	3.01	16.63	19.70	33.42	1.22	8.62	5.79	134.44 MCM
Momentary Peak	18.35	CMS, at 53.30 m. (MSL), at 06.00 Hours, on Dec 22, 2005											
Runoff Yield	33.96	Liters/Second/Square KM.		Momentary Peak Yield		146.192	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	62.10	53.10	38.70	50.40	46.80	92.00	88.00	214.30	313.50	432.30	113.55	134.00		
2	63.95	77.25	28.25	46.80	57.60	90.00	87.00	218.00	336.00	416.70	114.60	121.95		
3	76.30	49.50	33.80	57.60	62.10	86.00	78.20	220.00	372.60	401.40	97.00	119.85		
4	82.00	51.30	54.00	45.90	73.45	80.10	79.15	223.00	406.95	385.20	95.00	115.65		
5	82.00	28.80	73.45	55.80	74.40	78.20	75.35	223.00	426.45	367.35	106.20	114.60		
6	63.95	25.50	81.05	68.70	81.05	70.60	77.25	222.00	432.30	347.55	102.00	113.55		
7	46.80	22.20	88.00	73.45	74.40	61.20	79.15	221.00	430.35	336.00	100.00	114.60		
8	30.45	25.50	99.00	83.00	68.70	54.90	73.45	218.00	424.50	318.00	112.50	114.60		
9	30.45	26.05	114.60	91.00	66.80	41.50	83.00	216.10	420.60	303.60	117.75	113.55		
10	33.10	31.00	130.70	97.00	55.80	42.90	107.25	208.00	420.60	294.00	115.65	112.50		
11	35.20	43.60	115.65	85.00	48.60	45.90	121.95	200.80	426.45	288.00	99.00	112.50		
12	43.60	42.90	118.80	83.00	33.80	40.80	139.50	190.20	432.30	269.35	103.05	112.50		
13	42.20	49.50	120.90	70.60	34.50	38.00	149.50	181.05	434.25	260.15	102.00	113.55		
14	42.90	57.60	109.35	70.60	31.00	31.70	154.20	173.90	432.30	251.30	106.20	106.20		
15	71.55	53.10	92.00	55.80	35.90	36.60	157.40	168.90	432.30	242.50	128.50	99.00		
16	53.10	57.60	65.85	56.70	38.00	45.00	161.75	166.70	434.25	233.00	148.00	112.50		
17	47.70	42.90	52.20	71.55	40.10	46.80	165.05	167.25	432.30	223.00	154.20	125.20		
18	47.70	40.10	45.90	80.10	46.80	33.80	166.70	168.35	430.35	211.60	159.55	123.00		
19	49.50	35.90	60.30	93.00	62.10	49.50	169.45	171.30	428.40	197.40	165.05	126.30		
20	43.60	31.70	99.00	113.55	64.90	66.80	172.60	179.10	428.40	183.80	170.00	130.70		
21	45.00	31.70	125.20	123.00	61.20	80.10	173.90	184.60	432.30	175.85	175.85	132.90		
22	37.30	30.45	132.90	130.70	59.40	88.00	179.10	189.40	454.50	157.40	179.75	140.60		
23	30.45	33.10	123.00	137.30	53.10	85.00	181.70	193.40	483.90	150.70	182.35	139.50		
24	30.45	39.40	121.95	131.80	46.80	71.55	187.00	206.20	503.60	148.30	181.70	112.50		
25	27.70	45.90	128.50	113.55	39.40	60.30	191.00	230.00	505.80	140.60	177.80	135.10		
26	38.00	52.20	116.70	100.00	31.00	46.80	192.60	251.30	494.80	139.50	168.90	146.80		
27	43.60	57.60	110.40	78.20	33.80	40.10	195.00	273.95	481.80	143.90	157.80	137.30		
28	45.90	61.20	100.00	60.30	48.60	45.90	198.20	286.80	477.60	147.10	149.80	118.80		
29	52.20	57.60	81.05	45.90	69.65	64.90	198.20	292.80	469.20	140.60		93.00		
30	57.60	50.40	66.80	39.40	81.05	82.00	200.80	300.00	456.60	132.90		74.40		
31		47.70		37.30	95.00		207.10		444.00	107.25		66.80		
Total	1456.35	1352.35	2728.00	2447.00	1715.80	1796.95	4490.50	6359.40	13499.25	7546.30	3783.75	3634.00	50809.65	CMSDAY
Mean	48.54	43.62	90.93	78.94	55.35	59.90	144.85	211.98	435.46	243.43	135.13	117.23	139.20	CMS
Max	82.00	77.25	132.90	137.30	95.00	92.00	207.10	300.00	505.80	432.30	182.35	146.80	505.80	CMS
Min	27.70	22.20	28.25	37.30	31.00	31.70	73.45	166.70	313.50	107.25	95.00	66.80	22.20	CMS
Runoff	125.83	116.84	235.70	211.42	148.25	155.26	387.98	549.45	1166.34	652.00	326.92	313.98	4389.95	MCM
Momentary Peak	508.00 CMS. at 6.90 m. (MSL.) at 06.00 Hours , on Dec 25 , 2005													
Runoff Yield	20.79 Liters/Second/Square KM.			Momentary Peak Yield				75.855 Liters/Second/Square KM.						

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong U - Taphao at Ban Hat Yai Nai , Songkhla (X.44)

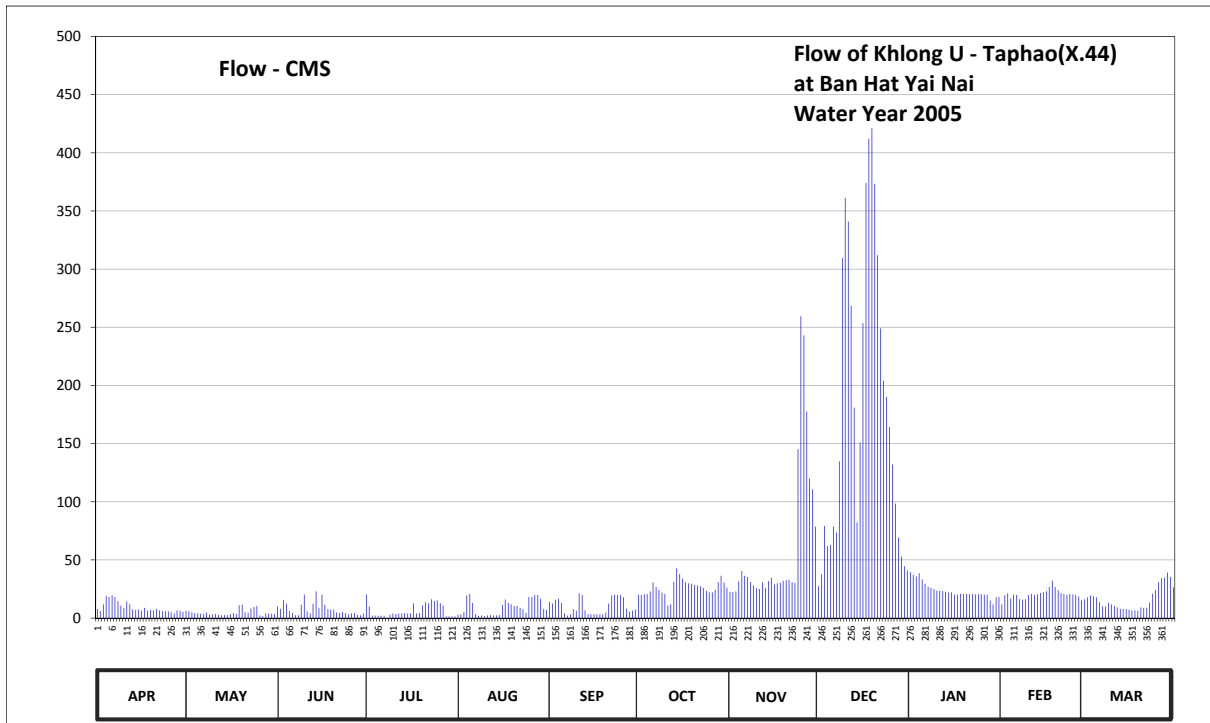
Lat 07 - 00 - 02 N Long 100 - 27 - 32 E

Location : on left bank at the bridge of Hat Yai - Rattaphum Highway.

	Ban	Hat Yai Nai	Amphoe	Hat Yai	Changwat	Songkhla
Drainage Area	1,720	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	-0.730	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 200 meters from the top staff gage.				Elevation	+7.294 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1967 to date					
Rating Operation						
Period of Rating	1967 - 1972 , 1983 - 1988 , 1999 to date					
Rated by Flot	-					
Rated by Current Meter	1967 - 1972 , 1983 - 1988 , 1999 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 45 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	0.10	0.28	0.75	-0.12	0.43	0.70	1.21	1.62	2.15	0.35	0.50	
2	0.09	0.08	0.20	0.28	-0.10	0.38	0.65	1.17	2.09	2.07	0.63	0.55	
3	0.35	0.03	0.48	-0.18	0.05	0.48	0.80	1.24	3.02	2.03	0.95	0.60	
4	0.59	-0.02	0.38	-0.18	0.61	0.51	0.85	1.83	2.70	2.12	0.52	0.58	
5	0.56	-0.02	0.09	-0.19	0.85	0.40	1.25	2.18	2.72	1.91	0.72	0.55	
6	0.60	-0.05	0.00	-0.20	0.40	-0.02	1.78	2.05	3.01	1.72	0.70	0.42	
7	0.56	-0.06	-0.16	-0.20	-0.07	-0.18	1.58	2.01	2.92	1.60	0.50	0.28	
8	0.45	0.02	-0.16	-0.44	-0.20	-0.10	1.37	1.80	3.92	1.52	0.49	0.28	
9	0.31	-0.12	0.34	-0.13	-0.18	0.18	1.10	1.65	6.29	1.44	0.50	0.40	
10	0.22	-0.11	0.78	-0.04	-0.22	0.10	0.86	1.50	6.91	1.31	0.66	0.35	
11	0.44	-0.07	0.08	-0.08	-0.17	1.00	0.31	1.44	6.67	1.29	0.87	0.30	
12	0.36	-0.13	-0.03	-0.05	-0.15	0.68	0.36	1.79	5.78	1.28	0.70	0.25	
13	0.17	-0.16	0.37	-0.03	-0.18	0.12	1.81	1.52	4.60	1.22	0.78	0.20	
14	0.14	-0.15	1.25	-0.02	-0.17	-0.10	2.25	1.84	3.07	1.14	1.03	0.20	
15	0.16	-0.15	0.22	-0.04	-0.15	-0.10	2.10	1.98	4.17	1.09	1.16	0.18	
16	0.11	-0.07	0.75	-0.03	0.33	-0.10	1.94	1.70	5.58	0.73	1.26	0.15	
17	0.23	-0.02	0.34	0.39	0.49	-0.10	1.79	1.75	7.06	0.72	1.58	0.13	
18	0.11	-0.07	0.18	-0.04	0.40	-0.10	1.75	1.77	7.49	0.89	1.86	0.13	
19	0.14	0.32	0.15	-0.01	0.35	-0.10	1.73	1.86	7.59	0.88	1.59	0.10	
20	0.13	0.34	0.17	0.32	0.29	0.02	1.67	1.88	7.05	0.84	1.35	0.25	
21	0.20	0.03	0.02	0.42	0.30	0.38	1.65	1.90	6.32	0.82	1.03	0.23	
22	0.12	0.01	-0.01	0.39	0.23	0.61	1.61	1.80	5.52	0.80	0.83	0.23	
23	0.09	0.21	0.04	0.50	0.18	0.73	1.51	1.76	4.92	0.80	0.72	0.41	
24	0.08	0.26	-0.02	0.45	0.00	0.68	1.29	4.08	4.73	0.83	0.85	0.90	
25	0.08	0.29	-0.10	0.47	0.56	0.63	1.13	5.66	4.36	0.80	0.76	1.36	
26	0.03	-0.17	-0.03	0.39	0.56	0.55	1.13	5.44	3.88	0.74	0.72	1.80	
27	-0.04	-0.23	-0.01	0.31	0.66	0.21	1.39	4.55	3.34	0.73	0.57	1.97	
28	0.13	-0.03	-0.13	-0.25	0.68	0.06	1.80	3.69	2.84	0.46	0.47	1.98	
29	0.11	-0.05	-0.16	-0.25	0.51	0.11	2.05	3.54	2.51	0.35		2.14	
30	0.05	-0.05	-0.04	-0.25	0.20	0.17	1.78	3.01	2.30	0.55		2.01	
31		-0.06		-0.25	0.15		1.53		2.20	0.56		1.56	
Mean	0.23	0.00	0.18	0.06	0.20	0.25	1.40	2.32	4.43	1.14	0.86	0.68	
Max	0.60	0.34	1.25	0.75	0.85	1.00	2.25	5.66	7.59	2.15	1.86	2.14	7.59
Min	-0.04	-0.23	-0.16	-0.44	-0.22	-0.18	0.31	1.17	1.62	0.35	0.35	0.10	-0.44
Annual Max Momentary Gage Height	7.68		m. (MSL.) ,				at 21.00 Hours ,		on Dec 18 , 2005				
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -2.28		m. (MSL.)				
Left Bank Elevation	8.73		m. (MSL.) ,										
Right Bank Elevation	8.73		m. (MSL.) ,				Drainage Are	1,720	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	7.83	6.25	10.00	20.25	3.00	13.98	20.00	22.60	27.40	39.50	11.75	16.25		
2	6.08	5.90	8.00	10.00	3.25	12.50	19.75	22.35	37.70	37.10	19.65	17.87		
3	11.75	5.03	15.60	2.25	5.38	15.60	20.50	22.90	79.20	35.90	21.25	19.50		
4	19.17	4.25	12.50	2.25	19.55	16.57	20.75	31.60	62.00	38.60	16.90	18.85		
5	18.20	4.25	6.08	2.13	20.75	13.00	23.00	40.40	63.00	33.20	20.10	17.87		
6	19.50	3.88	4.50	2.00	13.00	4.25	30.60	36.50	78.60	29.40	20.00	13.65		
7	18.20	3.75	2.50	2.00	3.63	2.25	26.75	35.30	73.60	27.00	16.25	10.00		
8	14.62	4.85	2.50	0.00	2.00	3.25	24.20	31.00	134.80	26.00	15.93	10.00		
9	10.75	3.00	11.50	2.88	2.25	7.65	22.00	28.00	309.43	25.00	16.25	13.00		
10	8.50	3.13	20.40	4.00	1.80	6.25	20.80	25.75	361.35	23.60	19.80	11.75		
11	14.30	3.63	5.90	3.50	2.38	21.50	10.75	25.00	340.95	23.40	20.85	10.50		
12	12.00	2.88	4.13	3.88	2.63	19.90	12.00	30.80	268.50	23.30	20.00	9.25		
13	7.48	2.50	12.25	4.13	2.25	6.60	31.20	26.00	181.00	22.70	20.40	8.00		
14	6.95	2.63	23.00	4.25	2.38	3.25	42.75	31.80	82.20	22.20	21.65	8.00		
15	7.30	2.63	8.50	4.00	2.63	3.25	38.00	34.60	151.05	21.95	22.30	7.65		
16	6.43	3.63	20.25	4.13	11.25	3.25	33.80	29.00	253.50	20.15	23.10	7.13		
17	8.75	4.25	11.50	12.75	15.93	3.25	30.80	30.00	374.25	20.10	26.75	6.78		
18	6.43	3.63	7.65	4.00	13.00	3.25	30.00	30.40	412.10	20.95	32.20	6.78		
19	6.95	11.00	7.13	4.38	11.75	3.25	29.60	32.20	421.10	20.90	26.87	6.25		
20	6.78	11.50	7.48	11.00	10.25	4.85	28.40	32.60	373.38	20.70	24.00	9.25		
21	8.00	5.03	4.85	13.65	10.50	12.50	28.00	33.00	311.90	20.60	21.65	8.75		
22	6.60	4.68	4.38	12.75	8.75	19.55	27.20	31.00	249.00	20.50	20.65	8.75		
23	6.08	8.25	5.20	16.25	7.65	20.15	25.87	30.20	204.00	20.50	20.10	13.32		
24	5.90	9.50	4.25	14.62	4.50	19.90	23.40	145.20	190.10	20.65	20.75	21.00		
25	5.90	10.25	3.25	15.27	18.20	19.65	22.15	259.50	164.20	20.50	20.30	24.10		
26	5.03	2.38	4.13	12.75	18.20	17.87	22.15	243.00	132.20	20.20	20.10	31.00		
27	4.00	1.70	4.38	10.75	19.80	8.25	24.40	177.50	98.40	20.15	18.52	34.40		
28	6.78	4.13	2.88	1.50	19.90	5.55	31.00	120.13	69.20	14.95	15.27	34.60		
29	6.43	3.88	2.50	1.50	16.57	6.43	36.50	110.75	52.95	11.75		39.20		
30	5.38	3.88	4.00	1.50	8.00	7.48	30.60	78.60	44.50	17.87		35.30		
31		3.75		1.50	7.13		26.12		41.00	18.20		26.50		
Total	278.07	150.00	241.19	205.82	288.26	304.98	813.04	1827.68	5642.56	737.52	573.34	505.25	11567.71	CMSDAY
Mean	9.27	4.84	8.04	6.64	9.30	10.17	26.23	60.92	182.02	23.79	20.48	16.30	31.69	CMS
Max	19.50	11.50	23.00	20.25	20.75	21.50	42.75	259.50	421.10	39.50	32.20	39.20	421.10	CMS
Min	4.00	1.70	2.50	0.00	1.80	2.25	10.75	22.35	27.40	11.75	11.75	6.25	0.00	CMS
Runoff	24.03	12.96	20.84	17.78	24.91	26.35	70.25	157.91	487.52	63.72	49.54	43.65	999.45	MCM
Momentary Peak	429.20	CMS.	at 7.68 m. (MSL.)	at 21.00 Hours	on Dec 18, 2005									
Runoff Yield	18.43	Liters/Second/Square KM.			Momentary Peak Yield	249.535	Liters/Second/Square KM.							

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Tha Khae at Ban Tha Khae , Phatthalung (X.68)

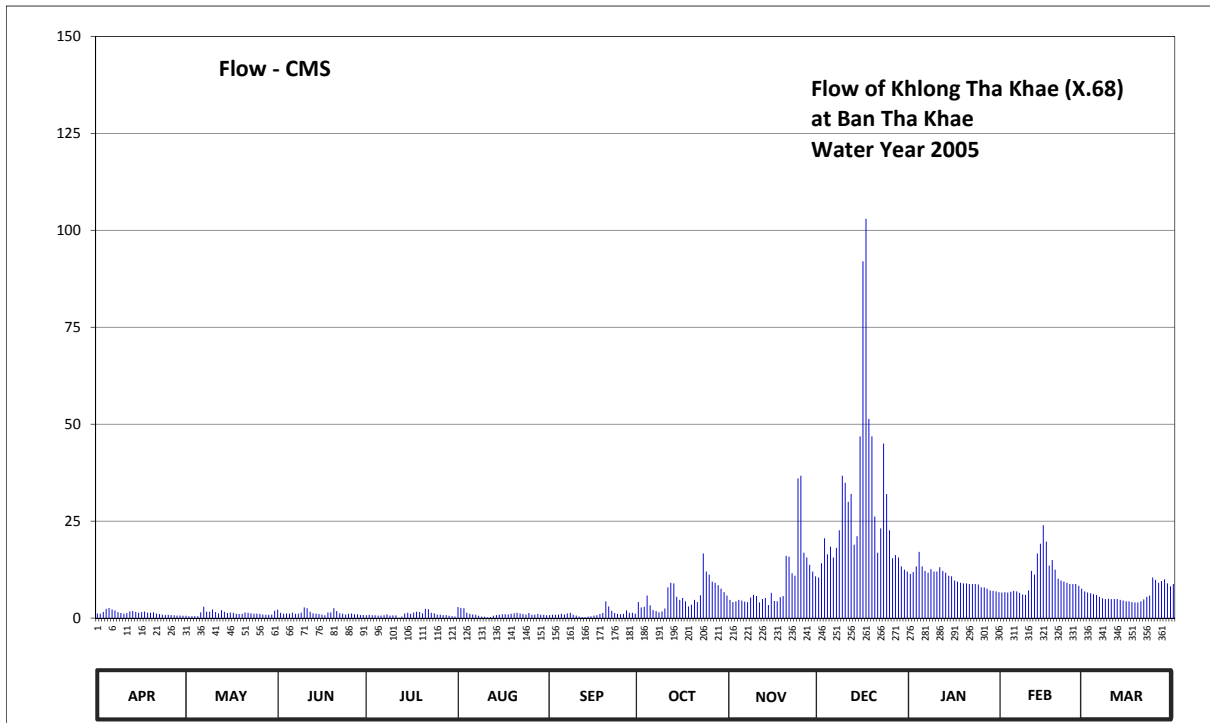
Lat 07 - 34 - 01 N Long 100 - 03 - 05 E

Location : on left bank downstream side of the bridge of Phatthalung - Hat Yai Highway.

	Ban Tha Khae	Amphoe Mueang	Changwat Phatthalung
Drainage Area	302 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+11.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage observer's house.	Elevation	+15.966 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1967 to date		
Rating Operation			
Period of Rating	1967 - 1972 , 1983 to date		
Rated by Flot	-		
Rated by Current Meter	1967 - 1972 , 1983 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Tha Khae Weir. Stage-discharge relation defined by 62 discharge measurements made in 2005.		

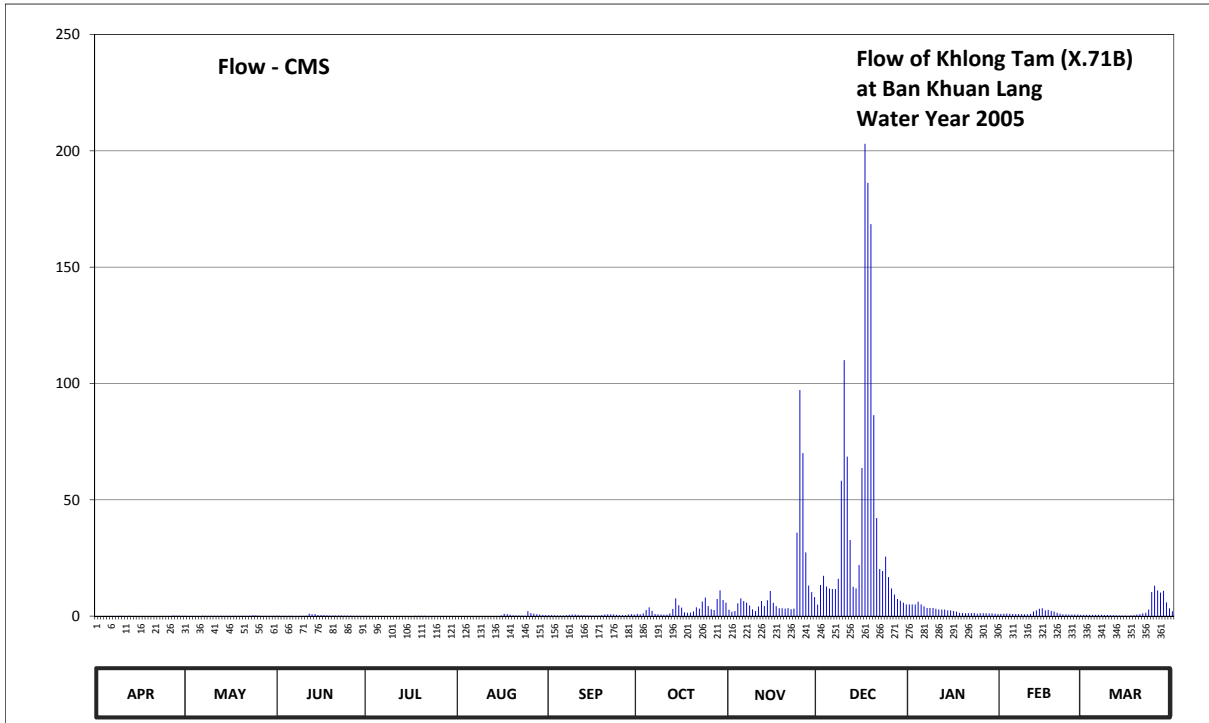
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.55	12.44	12.88	12.65	12.97	12.66	13.11	13.17	13.63	13.69	13.36	13.39	
2	12.54	12.42	12.77	12.67	12.94	12.67	12.96	13.11	13.85	13.72	13.37	13.36	
3	12.62	12.42	12.73	12.65	12.93	12.67	12.98	13.13	14.16	13.81	13.36	13.34	
4	12.74	12.42	12.74	12.65	12.78	12.68	13.28	13.17	13.96	13.99	13.38	13.32	
5	12.77	12.42	12.73	12.63	12.72	12.72	13.02	13.15	14.04	13.81	13.40	13.30	
6	12.72	12.60	12.78	12.63	12.69	12.69	12.87	13.12	13.92	13.74	13.39	13.25	
7	12.68	12.98	12.72	12.65	12.67	12.74	12.84	13.11	14.03	13.71	13.35	13.21	
8	12.61	12.82	12.73	12.69	12.62	12.77	12.80	13.23	14.33	13.77	13.31	13.19	
9	12.57	12.82	12.78	12.63	12.58	12.67	12.83	13.30	15.12	13.73	13.30	13.20	
10	12.54	12.89	12.96	12.64	12.57	12.63	12.92	13.27	15.04	13.73	13.41	13.19	
11	12.56	12.81	12.93	12.64	12.54	12.58	13.46	13.10	14.80	13.80	13.74	13.19	
12	12.64	12.75	12.82	12.52	12.56	12.56	13.54	13.19	14.90	13.74	13.68	13.19	
13	12.65	12.87	12.75	12.58	12.62	12.55	13.53	13.22	14.06	13.71	13.97	13.17	
14	12.62	12.82	12.73	12.74	12.66	12.58	13.25	13.03	14.21	13.66	14.07	13.15	
15	12.58	12.76	12.71	12.78	12.68	12.59	13.17	13.35	15.45	13.65	14.43	13.13	
16	12.61	12.79	12.68	12.72	12.70	12.63	13.22	13.14	16.25	13.58	14.09	13.13	
17	12.63	12.77	12.65	12.79	12.70	12.65	13.13	13.13	16.35	13.56	13.82	13.11	
18	12.58	12.72	12.79	12.82	12.69	12.71	12.99	13.24	15.57	13.54	13.89	13.10	
19	12.58	12.71	12.79	12.81	12.72	12.76	13.04	13.27	15.45	13.53	13.76	13.10	
20	12.60	12.72	12.93	12.75	12.75	13.13	13.17	13.94	14.58	13.53	13.61	13.13	
21	12.55	12.79	12.84	12.91	12.77	12.99	13.11	13.93	13.98	13.52	13.58	13.18	
22	12.53	12.78	12.75	12.90	12.74	12.85	13.29	13.70	14.37	13.52	13.56	13.25	
23	12.50	12.75	12.73	12.77	12.71	12.76	13.97	13.66	15.40	13.52	13.54	13.28	
24	12.48	12.73	12.69	12.75	12.68	12.72	13.73	15.09	14.90	13.51	13.52	13.63	
25	12.49	12.73	12.72	12.68	12.76	12.70	13.68	15.12	14.33	13.46	13.52	13.59	
26	12.48	12.72	12.74	12.68	12.67	12.72	13.56	13.98	13.91	13.46	13.52	13.54	
27	12.47	12.68	12.70	12.66	12.68	12.86	13.54	13.92	13.95	13.44	13.49	13.57	
28	12.45	12.67	12.70	12.66	12.71	12.77	13.50	13.83	13.92	13.41	13.44	13.60	
29	12.45	12.67	12.66	12.62	12.67	12.77	13.44	13.73	13.81	13.40		13.53	
30	12.44	12.68	12.66	12.60	12.67	12.73	13.37	13.65	13.76	13.39		13.48	
31		12.85		12.58	12.65		13.28		13.73	13.37		13.52	
Mean	12.57	12.71	12.76	12.69	12.70	12.72	13.24	13.50	14.51	13.61	13.60	13.30	
Max	12.77	12.98	12.96	12.91	12.97	13.13	13.97	15.12	16.35	13.99	14.43	13.63	16.35
Min	12.44	12.42	12.65	12.52	12.54	12.55	12.80	13.03	13.63	13.37	13.30	13.10	12.42
Annual Max Momentary Gage Height	16.95		m. (MSL.) ,				at 01.00 Hours ,		on Dec 18 , 2005				
Zero Gage at Bottom Elevation	11.00		m. (MSL.) ,				River Bed	11.75	m. (MSL.)				
Left Bank Elevation		18.33		m. (MSL.) ,									
Right Bank Elevation		18.58		m. (MSL.) ,		Drainage Are	302	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.20	0.60	2.14	0.75	2.86	0.80	4.14	4.72	10.46	11.39	6.60	6.90	
2	1.14	0.50	1.35	0.85	2.62	0.85	2.78	4.14	14.15	11.86	6.70	6.60	
3	1.62	0.50	1.15	0.75	2.54	0.85	2.94	4.34	20.60	13.31	6.60	6.40	
4	2.38	0.50	1.20	0.75	1.40	0.90	5.80	4.72	16.46	17.09	6.80	6.20	
5	2.59	0.50	1.15	0.65	1.10	1.10	3.29	4.52	18.38	13.31	7.00	6.00	
6	2.24	1.50	1.40	0.65	0.95	0.95	2.06	4.24	15.62	12.17	6.90	5.50	
7	1.98	2.94	1.10	0.75	0.85	1.20	1.82	4.14	18.11	11.70	6.50	5.10	
8	1.56	1.66	1.15	0.95	0.60	1.35	1.50	5.30	22.63	12.64	6.10	4.90	
9	1.32	1.66	1.40	0.65	0.40	0.85	1.74	6.00	36.70	12.01	6.00	5.00	
10	1.14	2.22	2.78	0.70	0.35	0.65	2.46	5.70	34.90	12.01	7.15	4.90	
11	1.26	1.58	2.54	0.70	0.20	0.40	7.90	4.05	30.00	13.10	12.17	4.90	
12	1.74	1.25	1.66	0.10	0.30	0.30	9.10	4.90	32.00	12.17	11.24	4.90	
13	1.80	2.06	1.25	0.40	0.60	0.25	8.95	5.20	18.92	11.70	16.67	4.72	
14	1.62	1.66	1.15	1.20	0.80	0.40	5.50	3.38	21.13	10.93	19.19	4.52	
15	1.38	1.30	1.05	1.40	0.90	0.45	4.72	6.50	46.88	10.77	23.95	4.34	
16	1.56	1.45	0.90	1.10	1.00	0.65	5.20	4.43	92.00	9.70	19.73	4.34	
17	1.68	1.35	0.75	1.45	1.00	0.75	4.34	4.34	103.00	9.40	13.52	4.14	
18	1.38	1.10	1.45	1.66	0.95	1.05	3.02	5.40	51.37	9.10	14.99	4.05	
19	1.38	1.05	1.45	1.58	1.10	1.30	3.48	5.70	46.88	8.95	12.48	4.05	
20	1.50	1.10	2.54	1.25	1.25	4.34	4.72	16.04	26.20	8.95	10.15	4.34	
21	1.20	1.45	1.82	2.38	1.35	3.02	4.14	15.83	16.88	8.80	9.70	4.81	
22	1.08	1.40	1.25	2.30	1.20	1.90	5.90	11.55	23.13	8.80	9.40	5.50	
23	0.90	1.25	1.15	1.35	1.05	1.30	16.67	10.93	45.00	8.80	9.10	5.80	
24	0.80	1.15	0.95	1.25	0.90	1.10	12.01	36.03	32.00	8.65	8.80	10.46	
25	0.85	1.15	1.10	0.90	1.30	1.00	11.24	36.70	22.63	7.90	8.80	9.85	
26	0.80	1.10	1.20	0.90	0.85	1.10	9.40	16.88	15.41	7.90	8.80	9.10	
27	0.75	0.90	1.00	0.80	0.90	1.98	9.10	15.62	16.25	7.60	8.35	9.55	
28	0.65	0.85	1.00	0.80	1.05	1.35	8.50	13.73	15.62	7.15	7.60	10.00	
29	0.65	0.85	0.80	0.60	0.85	1.35	7.60	12.01	13.31	7.00		8.95	
30	0.60	0.90	0.80	0.50	0.85	1.15	6.70	10.77	12.48	6.90		8.20	
31		1.90		0.40	0.75		5.80		12.01	6.70		8.80	
Total	40.75	39.38	40.63	30.47	32.82	34.64	182.52	287.81	901.11	318.46	290.99	192.82	2392.40 CMSDAY
Mean	1.36	1.27	1.35	0.98	1.06	1.15	5.89	9.59	29.07	10.27	10.39	6.22	6.55 CMS
Max	2.59	2.94	2.78	2.38	2.86	4.34	16.67	36.70	103.00	17.09	23.95	10.46	103.00 CMS
Min	0.60	0.50	0.75	0.10	0.20	0.25	1.50	3.38	10.46	6.70	6.00	4.05	0.10 CMS
Runoff	3.52	3.40	3.51	2.63	2.84	2.99	15.77	24.87	77.86	27.52	25.14	16.66	206.70 MCM
Momentary Peak	303.25	CMS. at 16.95 m. (MSL.) at 01.00 Hours , on Dec 18 , 2005											
Runoff Yield	21.68	Liters/Second/Square KM. Momentary Peak Yield 1003.242 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.10	0.20	0.10	0.00	0.42	0.97	2.74	4.92	5.00	0.97	0.52	
2	0.00	0.08	0.16	0.10	0.00	0.38	0.78	1.84	13.43	5.00	1.00	0.52	
3	0.00	0.08	0.14	0.08	0.00	0.34	1.18	2.20	17.30	5.00	1.08	0.52	
4	0.00	0.08	0.14	0.08	0.00	0.30	2.62	5.48	12.75	6.16	1.04	0.52	
5	0.04	0.06	0.12	0.08	0.00	0.30	3.78	7.60	11.81	5.00	0.88	0.52	
6	0.04	0.04	0.10	0.06	0.00	0.30	2.26	6.43	11.69	4.20	0.88	0.52	
7	0.06	0.18	0.08	0.06	0.00	0.40	0.88	5.80	11.59	3.50	0.88	0.52	
8	0.08	0.12	0.08	0.04	0.00	0.52	0.75	4.52	16.00	3.50	0.82	0.45	
9	0.10	0.14	0.10	0.04	0.00	0.65	0.65	2.87	58.20	3.50	0.78	0.45	
10	0.12	0.14	0.14	0.00	0.00	0.65	0.60	2.20	110.05	3.15	0.78	0.40	
11	0.06	0.10	0.20	0.00	0.00	0.52	0.58	4.13	68.55	2.80	0.93	0.40	
12	0.10	0.10	1.04	0.00	0.00	0.40	1.08	6.43	32.74	2.80	1.96	0.34	
13	0.08	0.10	0.80	0.00	0.00	0.40	3.08	4.36	12.60	2.80	2.50	0.30	
14	0.08	0.10	0.88	0.00	0.00	0.36	7.60	6.79	11.86	2.50	3.15	0.30	
15	0.04	0.10	0.50	0.00	0.00	0.36	4.68	10.78	21.90	2.50	3.36	0.24	
16	0.02	0.10	0.42	0.00	0.28	0.30	3.64	5.72	63.70	2.20	2.50	0.20	
17	0.00	0.14	0.38	0.04	0.97	0.30	1.60	4.28	203.00	1.90	2.68	0.32	
18	0.00	0.12	0.34	0.10	0.80	0.28	1.42	3.36	186.20	1.46	2.26	0.40	
19	0.00	0.14	0.30	0.10	0.62	0.47	1.50	3.36	168.50	1.36	1.96	0.65	
20	0.00	0.12	0.28	0.10	0.34	0.65	1.96	3.22	86.40	1.25	1.42	0.85	
21	0.00	0.10	0.28	0.10	0.26	0.78	3.78	3.43	42.13	1.29	1.04	1.14	
22	0.00	0.10	0.28	0.08	0.26	0.73	3.22	2.94	20.20	1.32	0.78	1.46	
23	0.00	0.20	0.24	0.08	0.30	0.65	6.25	3.22	19.39	1.36	0.73	2.80	
24	0.00	0.42	0.20	0.08	0.20	0.52	7.96	35.90	25.60	1.00	0.70	10.35	
25	0.08	0.34	0.20	0.08	2.14	0.40	4.36	97.13	16.80	1.25	0.67	13.05	
26	0.06	0.18	0.18	0.06	1.29	0.40	2.94	70.10	11.86	1.21	0.67	11.02	
27	0.24	0.16	0.16	0.06	1.04	0.40	2.62	27.38	9.28	1.21	0.65	10.07	
28	0.20	0.14	0.14	0.06	0.82	0.65	7.33	13.13	7.33	1.18	0.52	10.88	
29	0.18	0.12	0.12	0.04	0.65	0.82	11.09	10.30	6.61	1.18		5.89	
30	0.14	0.14	0.10	0.04	0.47	0.70	6.97	8.20	5.80	1.04		3.36	
31		0.14		0.00	0.40		5.80		5.00	0.88		2.08	
Total	1.72	4.18	8.30	1.66	10.84	14.35	103.93	365.84	1293.19	78.50	37.59	81.04	2001.14 CMSDAY
Mean	0.06	0.13	0.28	0.05	0.35	0.48	3.35	12.19	41.72	2.53	1.34	2.61	5.48 CMS
Max	0.24	0.42	1.04	0.10	2.14	0.82	11.09	97.13	203.00	6.16	3.36	13.05	203.00 CMS
Min	0.00	0.04	0.08	0.00	0.00	0.28	0.58	1.84	4.92	0.88	0.52	0.20	0.00 CMS
Runoff	0.15	0.36	0.72	0.14	0.94	1.24	8.98	31.61	111.73	6.78	3.25	7.00	172.90 MCM
Momentary Peak	228.50	CMS. at 6.17 m. (A.D.) at 22.00 Hours , on Dec 17 , 2005											
Runoff Yield	28.39	Liters/Second/Square KM. Momentary Peak Yield 1183.263 Liters/Second/Square KM.											

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong U - Taphao at Ban Bang Sala , Songkhla (X.90)

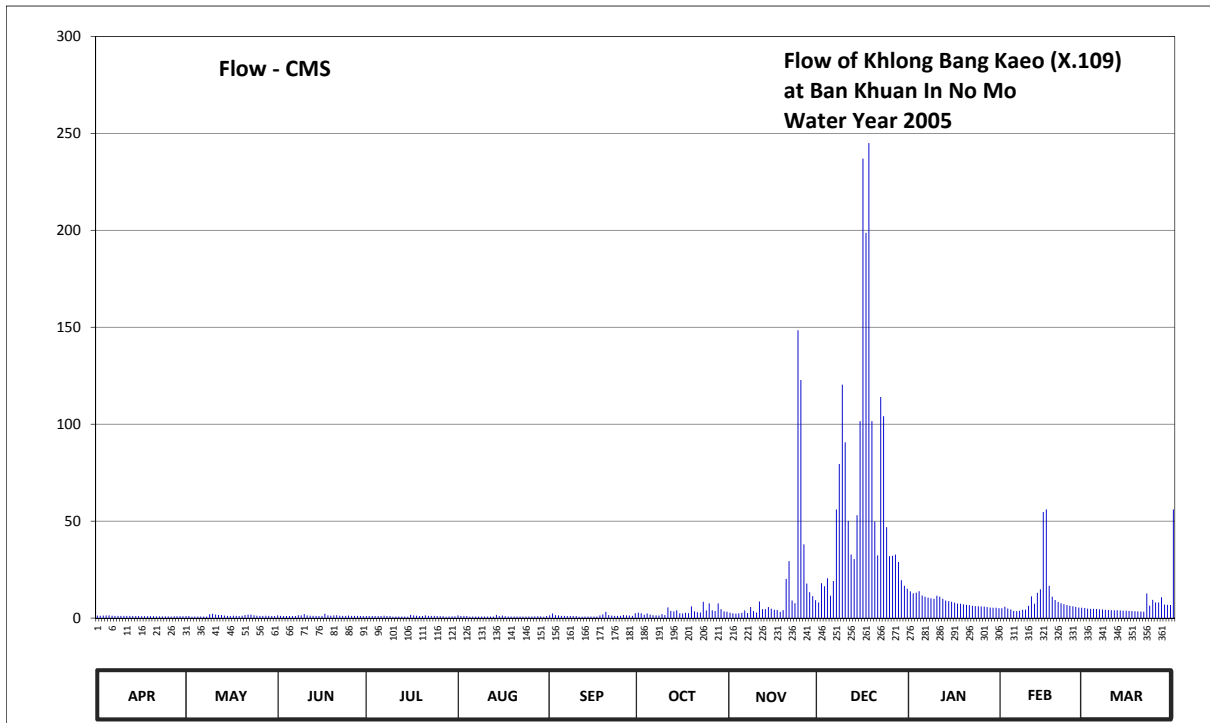
Lat 06 - 55 - 39 N Long 100 - 26 - 37 E

Location : on left bank at the bridge near Wat Bang Sala, Tambon Thung Lan.

	Ban	Bang Sala	Amphoe	Khlong Hoi Khong	Changwat	Songkhla
Drainage Area	1,547	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+0.328 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 20 meters from the top staff gage.				Elevation	+11.027 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1971 to date					
Rating Operation						
Period of Rating	1971 - 1972 , 1979 to date					
Rated by Flot	-					
Rated by Current Meter	1971 - 1972 , 1979 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 61 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.49	1.45	2.08	1.19	2.00	1.91	2.32	2.22	4.20	3.65	3.69	2.16	
2	1.74	1.54	2.14	0.99	2.08	1.97	2.15	2.28	4.63	3.46	3.46	2.22	
3	1.78	1.14	1.97	0.95	2.15	1.62	2.35	2.08	5.87	3.37	3.40	2.22	
4	1.95	1.18	1.41	1.03	1.88	1.26	3.24	3.21	5.82	3.42	2.12	2.19	
5	1.83	1.27	1.17	1.05	1.52	0.81	3.89	3.78	6.27	3.24	2.46	2.12	
6	2.02	1.33	1.41	1.22	1.49	1.00	4.13	3.92	6.42	2.97	2.22	2.02	
7	1.92	1.37	1.56	1.28	1.33	1.31	2.98	3.49	6.20	2.76	2.25	2.29	
8	1.69	1.37	1.74	1.34	1.51	1.53	2.70	3.09	6.64	2.60	2.53	2.43	
9	1.53	1.45	1.82	1.40	1.64	2.11	2.35	2.55	8.06	2.52	2.78	2.17	
10	1.89	1.50	1.63	1.51	1.69	2.72	1.85	2.35	8.37	2.50	3.04	2.24	
11	1.83	1.30	1.26	1.59	1.71	1.79	1.50	2.88	8.03	2.70	2.64	2.44	
12	1.69	1.27	2.19	1.67	1.72	1.13	2.46	2.79	7.31	2.68	2.46	2.57	
13	1.41	1.35	2.28	1.73	1.74	1.27	3.91	3.31	6.51	2.58	2.91	2.68	
14	1.39	1.41	2.82	1.82	1.75	1.45	4.07	3.24	5.81	2.43	3.16	2.72	
15	1.38	1.49	1.50	1.86	1.77	1.62	3.89	3.43	5.78	2.29	3.29	2.70	
16	1.36	1.63	1.81	1.87	1.87	1.74	3.81	3.40	7.20	2.22	3.24	2.48	
17	1.32	1.84	1.14	1.62	1.75	1.84	3.55	3.26	8.44	3.02	3.86	2.43	
18	1.33	2.01	0.99	1.79	1.61	1.92	3.27	3.24	9.27	3.03	3.70	2.45	
19	1.47	2.10	0.86	2.12	1.51	2.02	3.16	3.30	9.31	2.94	3.19	2.50	
20	1.41	1.78	0.78	2.26	1.44	2.17	3.17	3.20	8.66	2.86	2.81	2.53	
21	1.48	1.52	0.83	2.20	1.38	2.32	3.13	3.19	7.93	2.77	2.42	2.51	
22	1.41	1.70	1.21	2.04	1.32	2.25	2.88	3.03	7.27	2.65	2.35	2.58	
23	1.49	2.05	1.38	1.84	1.49	2.23	2.43	2.74	6.87	2.54	2.66	2.66	
24	1.53	1.31	1.51	1.73	1.59	2.26	2.18	5.78	6.73	2.40	2.48	2.84	
25	1.46	1.56	1.60	1.50	1.96	1.96	2.01	7.16	6.51	2.29	2.20	3.16	
26	1.47	1.29	1.70	1.32	1.89	1.65	2.27	6.97	6.06	2.15	2.01	3.76	
27	1.61	1.47	1.77	1.26	1.85	1.50	2.63	6.43	5.42	2.21	1.75	4.88	
28	1.71	1.59	1.86	1.49	1.67	1.86	3.03	5.89	4.77	2.98	2.01	5.90	
29	1.49	1.58	1.99	1.62	1.55	2.25	3.22	5.61	4.29	3.44		4.85	
30	1.43	1.63	2.00	1.71	1.63	2.64	3.16	4.92	4.01	3.44		3.99	
31		1.88		1.89	1.81		2.54		3.75	3.48		3.25	
Mean	1.58	1.53	1.61	1.58	1.69	1.80	2.91	3.76	6.53	2.83	2.75	2.84	
Max	2.02	2.10	2.82	2.26	2.15	2.72	4.13	7.16	9.31	3.65	3.86	5.90	9.31
Min	1.32	1.14	0.78	0.95	1.32	0.81	1.50	2.08	3.75	2.15	1.75	2.02	0.78
Annual Max Momentary Gage Height	9.50		m. (MSL.) ,				at 21.00 Hours ,						on Dec 18 , 2005
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed	-1.04		m. (MSL.)			
Left Bank Elevation		9.81		m. (MSL.) ,									
Right Bank Elevation		9.82		m. (MSL.) ,			Drainage Are	1,547		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.30	1.06	1.36	1.06	1.36	1.36	2.76	2.76	8.10	13.74	5.12	5.20		
2	1.24	1.06	1.12	1.06	1.06	2.41	2.48	2.48	17.98	12.81	5.83	4.88		
3	1.30	0.75	1.06	1.06	1.12	1.48	1.72	2.34	16.42	13.15	4.96	4.80		
4	1.36	0.80	1.06	1.06	1.06	1.42	2.41	2.48	20.51	13.86	4.48	4.80		
5	1.42	0.80	1.06	1.06	0.75	1.18	1.78	2.69	11.55	11.66	3.68	4.72		
6	1.24	0.80	1.06	1.06	0.80	1.12	1.48	3.92	19.12	11.09	3.60	4.56		
7	1.18	0.80	1.06	1.24	0.80	1.06	1.36	2.62	56.05	10.54	3.76	4.48		
8	1.18	0.80	1.48	1.06	0.80	1.06	1.30	5.65	79.50	10.21	4.32	4.32		
9	1.18	1.96	1.36	1.06	0.85	1.06	2.08	3.60	120.40	9.99	4.40	4.24		
10	1.12	2.20	2.02	0.75	0.85	1.06	1.60	2.90	90.70	11.55	6.37	4.08		
11	1.12	1.78	1.36	0.80	0.85	0.75	5.56	8.60	50.13	11.09	11.20	4.00		
12	1.12	1.66	1.24	0.85	0.85	0.75	3.68	4.64	32.79	9.99	7.40	4.00		
13	1.06	1.54	1.18	0.80	0.80	0.80	3.46	4.64	30.42	9.11	13.04	3.92		
14	1.06	1.30	1.12	0.85	1.66	0.80	4.00	5.65	53.05	8.70	14.82	3.76		
15	1.06	1.18	1.06	0.75	1.06	0.85	2.48	4.88	101.55	8.40	54.68	3.76		
16	0.95	1.06	1.06	1.66	1.30	0.85	2.41	4.32	237.00	8.00	56.05	3.68		
17	0.95	1.24	2.20	1.42	0.95	0.85	2.69	4.24	198.70	7.50	16.68	3.60		
18	0.95	1.12	1.36	1.24	0.85	1.36	2.55	3.18	245.00	7.40	11.09	3.53		
19	0.95	1.06	1.24	1.06	0.80	1.90	6.01	4.08	101.55	7.10	9.33	3.46		
20	0.95	1.24	1.36	1.06	0.80	3.25	3.46	20.20	49.80	6.82	8.30	3.39		
21	0.90	1.60	1.48	1.36	0.80	1.60	3.04	29.35	32.36	6.64	7.70	3.32		
22	0.90	1.84	1.24	1.18	0.80	1.30	2.90	9.11	114.00	6.37	7.20	12.70		
23	0.90	1.84	1.18	1.12	0.80	1.18	8.40	7.70	104.15	6.19	6.73	6.46		
24	0.90	1.48	1.12	1.12	0.80	1.12	3.92	148.45	46.85	6.10	6.37	9.44		
25	0.90	1.24	1.30	1.06	0.85	1.12	7.60	122.80	31.93	6.01	6.10	8.10		
26	0.85	1.18	1.18	0.95	0.80	1.60	4.00	38.06	32.14	5.92	5.74	8.10		
27	0.95	1.12	1.12	0.95	0.90	1.36	3.60	17.85	32.79	5.65	5.47	10.76		
28	0.95	1.24	1.12	0.75	0.95	1.30	7.60	13.39	28.92	5.47	5.38	7.00		
29	0.95	1.12	1.06	0.85	0.90	1.18	4.64	11.31	19.59	5.38		6.82		
30	0.95	1.06	1.06	0.90	0.75	2.48	3.46	9.22	16.68	5.38		6.73		
31		1.06		0.90	1.06		3.32		15.18	5.12		56.05		
Total	31.84	38.99	37.68	32.10	28.78	39.61	107.75	503.11	2014.91	266.94	299.80	218.66	3620.17	CMSDAY
Mean	1.06	1.26	1.26	1.04	0.93	1.32	3.48	16.77	65.00	8.61	10.71	7.05	9.92	CMS
Max	1.42	2.20	2.20	1.66	1.66	3.25	8.40	148.45	245.00	13.86	56.05	56.05	245.00	CMS
Min	0.85	0.75	1.06	0.75	0.75	0.75	1.30	2.34	8.10	5.12	3.60	3.32	0.75	CMS
Runoff	2.75	3.37	3.26	2.77	2.49	3.42	9.31	43.47	174.09	23.06	25.90	18.89	312.78	MCM
Momentary Peak		350.00		CMS. at 6.54 m. (A.D.)										at 17.00 Hours , on Dec 18 , 2005
Runoff Yield		75.71		Liters/Second/Square KM.										Momentary Peak Yield 2671.756 Liters/Second/Square KM.

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Sadao at Ban Sai, Songkhla (X.111)

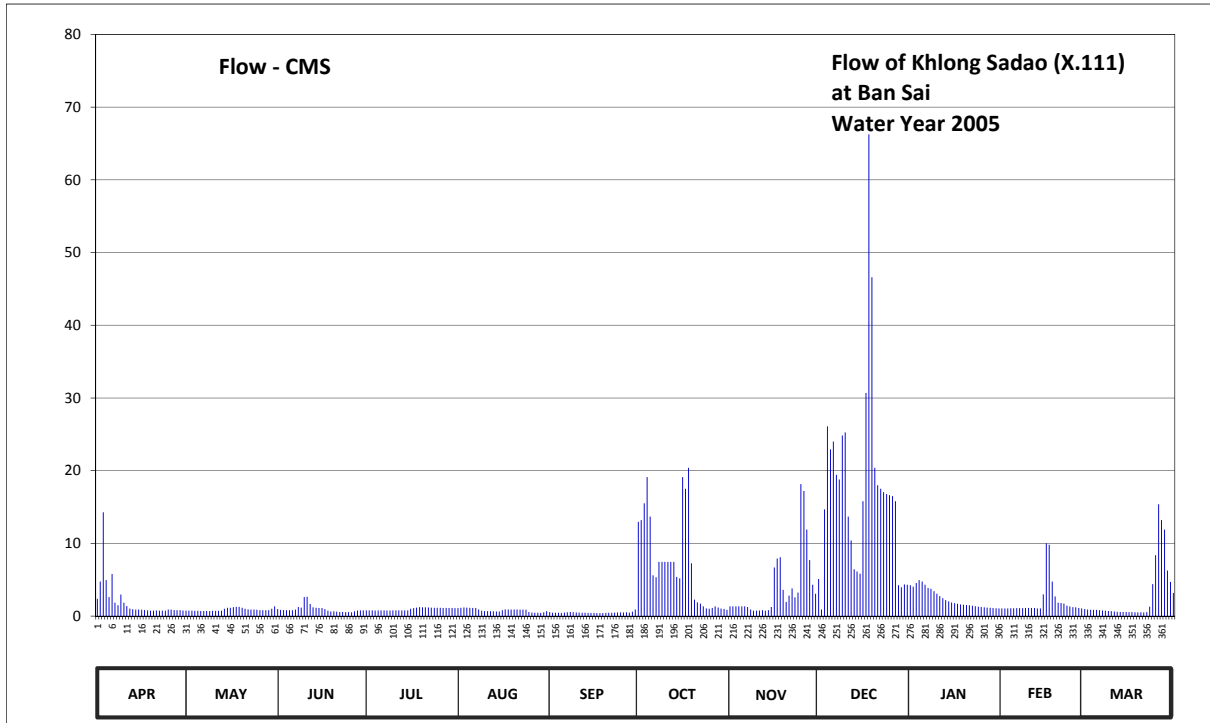
Lat 06 - 39 - 37 N Long 100 - 26 - 08 E

Location : on left bank at Ban Sai.

	Ban Sai	Amphoe Sadao	Changwat Songkhla
Drainage Area	245 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+26.165 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+33.335 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date.		
Rating Operation			
Period of Rating	1979 to date.		
Rated by Flot	-		
Rated by Current Meter	1979 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 53 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	27.59	26.70	26.84	26.73	26.93	26.55	29.28	27.10	28.30	28.11	26.90	26.84	
2	28.23	26.70	26.77	26.72	26.96	26.47	29.30	27.10	26.79	28.06	26.91	26.79	
3	29.39	26.69	26.76	26.72	26.99	26.45	29.48	27.10	29.42	28.19	26.91	26.78	
4	28.27	26.68	26.75	26.71	26.98	26.45	29.72	27.10	30.10	28.27	26.92	26.77	
5	27.67	26.68	26.75	26.71	26.96	26.44	29.34	27.10	29.94	28.23	26.92	26.77	
6	28.43	26.67	26.75	26.73	26.95	26.48	28.40	27.10	30.00	28.13	26.93	26.74	
7	27.37	26.67	26.81	26.72	26.94	26.52	28.35	27.03	29.74	28.02	26.93	26.71	
8	27.20	26.67	27.04	26.71	26.80	26.56	28.70	26.79	29.70	27.99	26.93	26.69	
9	27.79	26.67	26.98	26.71	26.70	26.53	28.70	26.70	30.04	27.91	26.94	26.67	
10	27.37	26.68	27.67	26.73	26.66	26.51	28.70	26.70	30.06	27.82	26.94	26.65	
11	27.13	26.68	27.69	26.73	26.65	26.49	28.70	26.71	29.34	27.72	26.95	26.62	
12	26.89	26.68	27.29	26.73	26.65	26.47	28.70	26.75	29.04	27.62	26.95	26.60	
13	26.83	26.70	27.00	26.72	26.64	26.45	28.70	26.70	28.54	27.52	26.90	26.58	
14	26.80	26.88	26.97	26.73	26.63	26.44	28.36	26.74	28.49	27.45	26.90	26.56	
15	26.79	26.96	26.95	26.73	26.62	26.43	28.32	27.03	28.44	27.38	27.80	26.56	
16	26.78	26.97	26.94	26.88	26.75	26.43	29.72	28.58	29.50	27.34	29.00	26.55	
17	26.76	27.02	26.85	26.93	26.82	26.42	29.62	28.77	30.30	27.30	28.98	26.54	
18	26.72	27.05	26.69	26.98	26.81	26.42	29.80	28.80	31.01	27.25	28.23	26.53	
19	26.70	27.05	26.62	27.02	26.80	26.42	28.67	27.95	30.72	27.23	27.70	26.52	
20	26.70	26.97	26.64	27.01	26.80	26.44	27.55	27.42	29.80	27.21	27.37	26.52	
21	26.71	26.87	26.61	27.00	26.79	26.45	27.39	27.74	29.65	27.20	27.35	26.51	
22	26.70	26.82	26.58	26.99	26.78	26.46	27.31	28.00	29.62	27.15	27.31	26.55	
23	26.69	26.80	26.56	26.98	26.79	26.49	27.10	27.66	29.59	27.11	27.15	27.07	
24	26.69	26.80	26.55	26.97	26.78	26.50	26.90	27.86	29.57	27.06	27.08	28.15	
25	26.79	26.78	26.54	26.97	26.58	26.50	26.87	29.66	29.56	27.04	27.02	28.83	
26	26.81	26.75	26.53	26.96	26.49	26.51	26.94	29.60	29.55	27.01	27.00	29.47	
27	26.76	26.75	26.64	26.95	26.46	26.53	27.09	29.19	29.50	26.98	26.95	29.30	
28	26.75	26.75	26.71	26.95	26.45	26.48	26.99	28.74	28.11	26.96	26.90	29.19	
29	26.74	26.74	26.73	26.95	26.43	26.61	26.89	28.13	28.04	26.94		28.51	
30	26.71	26.88	26.73	26.94	26.52	26.81	26.86	27.82	28.14	26.92		28.22	
31		27.09		26.93	26.65		26.77		28.13	26.90		27.85	
Mean	27.16	26.80	26.83	26.85	26.73	26.49	28.23	27.66	29.31	27.48	27.24	27.18	
Max	29.39	27.09	27.69	27.02	26.99	26.81	29.80	29.66	31.01	28.27	29.00	29.47	31.01
Min	26.69	26.67	26.53	26.71	26.43	26.42	26.77	26.70	26.79	26.90	26.90	26.51	26.42
Annual Max Momentary Gage Height	31.30		m. (MSL.) ,				at 09.00 Hours ,		on Dec 18 , 2005				
Zero Gage at Bottom Elevation	26.17		m. (MSL.) ,			River Bed	25.72		m. (MSL.)				
Left Bank Elevation	33.36		m. (MSL.) ,										
Right Bank Elevation	33.35		m. (MSL.) ,			Drainage Are	245		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.37	0.75	0.96	0.79	1.09	0.55	12.96	1.35	5.10	4.24	1.05	0.96	
2	4.75	0.75	0.86	0.78	1.14	0.47	13.20	1.35	0.89	4.04	1.06	0.89	
3	14.28	0.74	0.84	0.78	1.18	0.45	15.52	1.35	14.68	4.56	1.06	0.87	
4	4.95	0.72	0.82	0.76	1.17	0.45	19.12	1.35	26.10	4.95	1.08	0.86	
5	2.61	0.72	0.82	0.76	1.14	0.44	13.68	1.35	22.92	4.75	1.08	0.86	
6	5.78	0.70	0.82	0.79	1.13	0.48	5.60	1.35	24.00	4.32	1.09	0.81	
7	1.84	0.70	0.91	0.78	1.11	0.52	5.35	1.25	19.44	3.88	1.09	0.76	
8	1.50	0.70	1.26	0.76	0.90	0.56	7.45	0.89	18.80	3.76	1.09	0.74	
9	2.97	0.70	1.17	0.76	0.75	0.53	7.45	0.75	24.84	3.44	1.11	0.70	
10	1.84	0.72	2.61	0.79	0.69	0.51	7.45	0.75	25.26	3.08	1.11	0.67	
11	1.39	0.72	2.67	0.79	0.67	0.49	7.45	0.76	13.68	2.76	1.13	0.63	
12	1.03	0.72	1.68	0.79	0.67	0.47	7.45	0.82	10.40	2.46	1.13	0.60	
13	0.94	0.75	1.20	0.78	0.66	0.45	7.45	0.75	6.44	2.20	1.05	0.58	
14	0.90	1.02	1.15	0.79	0.64	0.44	5.40	0.81	6.14	2.03	1.05	0.56	
15	0.89	1.14	1.13	0.79	0.63	0.43	5.20	1.25	5.84	1.86	3.00	0.56	
16	0.87	1.15	1.11	1.02	0.82	0.43	19.12	6.68	15.80	1.78	10.00	0.55	
17	0.84	1.23	0.97	1.09	0.93	0.42	17.52	7.91	30.70	1.70	9.81	0.54	
18	0.78	1.27	0.74	1.17	0.91	0.42	20.40	8.10	66.25	1.60	4.75	0.53	
19	0.75	1.27	0.63	1.23	0.90	0.42	7.26	3.60	46.60	1.56	2.70	0.52	
20	0.75	1.15	0.66	1.21	0.90	0.44	2.27	1.95	20.40	1.52	1.84	0.52	
21	0.76	1.01	0.62	1.20	0.89	0.45	1.88	2.82	18.00	1.50	1.80	0.51	
22	0.75	0.93	0.58	1.18	0.87	0.46	1.72	3.80	17.52	1.42	1.72	0.55	
23	0.74	0.90	0.56	1.17	0.89	0.49	1.35	2.58	17.06	1.36	1.42	1.30	
24	0.74	0.90	0.55	1.15	0.87	0.50	1.05	3.24	16.78	1.29	1.32	4.40	
25	0.89	0.87	0.54	1.15	0.58	0.50	1.01	18.16	16.64	1.26	1.23	8.39	
26	0.91	0.82	0.53	1.14	0.49	0.51	1.11	17.20	16.50	1.21	1.20	15.38	
27	0.84	0.82	0.66	1.13	0.46	0.53	1.33	11.90	15.80	1.17	1.13	13.20	
28	0.82	0.82	0.76	1.13	0.45	0.48	1.18	7.71	4.24	1.14	1.05	11.90	
29	0.81	0.81	0.79	1.13	0.43	0.62	1.03	4.32	3.96	1.11		6.26	
30	0.76	1.02	0.79	1.11	0.52	0.91	0.99	3.08	4.36	1.08		4.70	
31		1.33		1.09	0.67		0.86		4.32	1.05		3.20	
Total	60.05	27.85	29.39	29.99	25.15	14.82	220.81	119.18	539.46	74.08	58.15	83.50	1282.43 CMSDAY
Mean	2.00	0.90	0.98	0.97	0.81	0.49	7.12	3.97	17.40	2.39	2.08	2.69	3.51 CMS
Max	14.28	1.33	2.67	1.23	1.18	0.91	20.40	18.16	66.25	4.95	10.00	15.38	66.25 CMS
Min	0.74	0.70	0.53	0.76	0.43	0.42	0.86	0.75	0.89	1.05	1.05	0.51	0.42 CMS
Runoff	5.19	2.41	2.54	2.59	2.17	1.28	19.08	10.30	46.61	6.40	5.02	7.21	110.80 MCM
Momentary Peak	108.00 CMS. at 31.30 m. (MSL.) at 09.00 Hours , on Dec 18, 2005												
Runoff Yield	14.32 Liters/Second/Square KM. Momentary Peak Yield 440.080 Liters/Second/Square KM.												

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong La Pang at Ban Thung Prap , Songkhla (X.113)

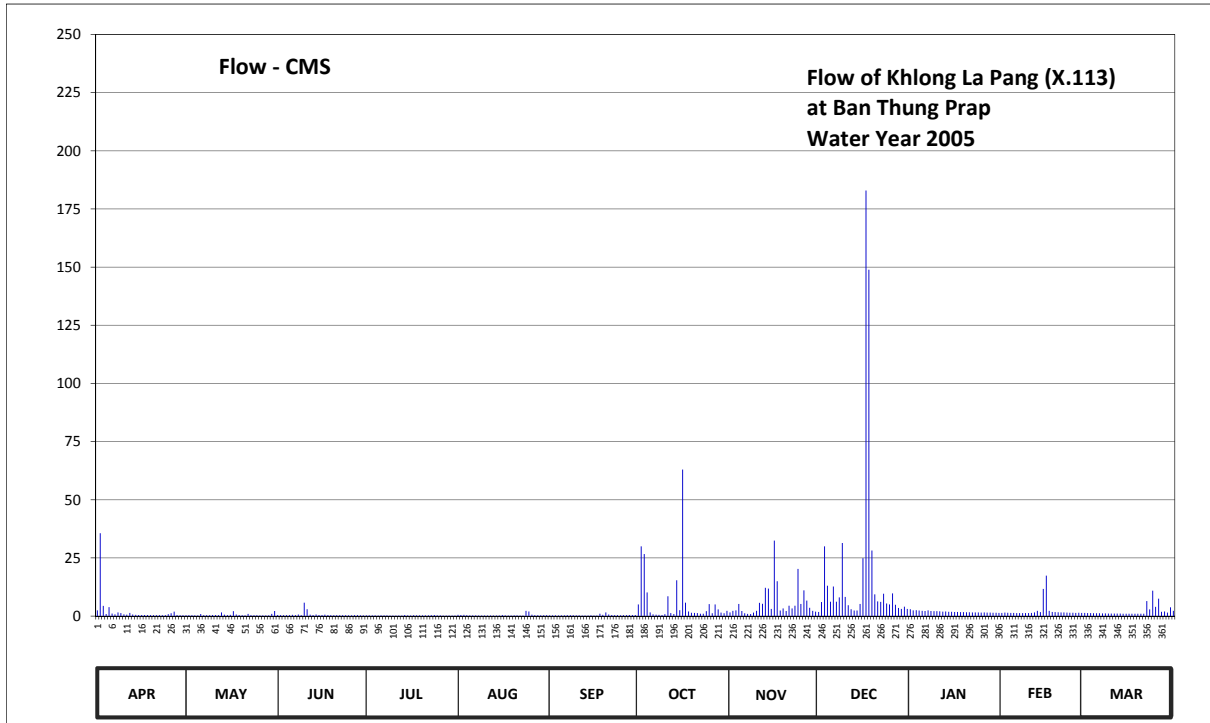
Lat 06 - 37 - 59 N Long 100 - 23 - 46 E

Location : on right bank at Ban Thung Prap.

	Ban Thung Prap	Amphoe Sadao	Changwat Songkhla
Drainage Area	118 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+29.778 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	About 15 meters from the gage observer's house.	Elevation	+36.918 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1979 to date		
Rating Operation			
Period of Rating	1979 to date		
Rated by Flot	-		
Rated by Current Meter	1979 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 54 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.59	31.70	31.74	31.68	31.78	31.68	33.01	32.22	32.31	32.69	32.15	32.14	
2	34.96	31.69	31.71	31.67	31.75	31.67	34.80	32.51	33.45	32.60	32.21	32.13	
3	32.92	31.69	31.70	31.67	31.78	31.66	34.69	32.59	34.80	32.61	32.17	32.11	
4	31.93	31.68	31.69	31.67	31.69	31.65	33.90	33.16	34.09	32.57	32.16	32.10	
5	32.85	31.68	31.70	31.65	31.66	31.66	32.22	32.47	33.47	32.50	32.15	32.10	
6	32.04	31.94	31.77	31.67	31.67	31.66	31.87	32.09	34.07	32.48	32.13	32.08	
7	31.88	31.71	31.72	31.67	31.66	31.71	31.80	31.99	33.47	32.58	32.13	32.07	
8	32.22	31.69	31.84	31.67	31.65	31.71	31.76	31.95	33.72	32.47	32.12	32.06	
9	32.11	31.71	31.72	31.65	31.65	31.69	31.75	32.21	34.84	32.45	32.11	32.05	
10	31.87	31.73	33.40	31.65	31.64	31.67	31.91	32.51	33.74	32.44	32.12	32.05	
11	31.81	31.74	32.69	31.65	31.64	31.67	33.77	33.37	32.96	32.41	32.14	32.04	
12	32.14	31.71	31.80	31.64	31.63	31.65	32.11	33.19	32.69	32.38	32.23	32.04	
13	31.83	32.22	31.74	31.65	31.63	31.65	31.93	34.04	32.55	32.40	32.50	32.03	
14	31.77	31.79	31.85	31.75	31.63	31.65	34.22	34.02	32.57	32.35	32.29	32.02	
15	31.75	31.72	31.73	31.67	31.63	31.67	32.61	32.72	33.14	32.33	34.01	32.02	
16	31.73	31.77	31.73	31.65	31.75	31.64	35.52	34.87	34.63	32.31	34.32	32.01	
17	31.73	32.46	31.81	31.69	31.68	31.65	33.38	34.20	36.54	32.30	32.49	32.01	
18	31.73	31.85	31.73	31.67	31.65	32.00	32.39	32.57	36.34	32.29	32.32	32.00	
19	31.72	31.73	31.71	31.68	31.64	31.77	32.19	32.76	34.74	32.27	32.28	32.00	
20	31.71	31.72	31.71	31.67	31.66	32.24	32.15	32.47	33.84	32.26	32.25	32.00	
21	31.71	31.68	31.70	31.66	31.68	31.83	32.11	32.93	33.50	32.25	32.24	32.00	
22	31.70	31.98	31.70	31.68	31.65	31.73	32.02	32.76	33.46	32.24	32.22	33.52	
23	31.70	31.71	31.70	31.70	31.63	31.70	32.01	32.93	33.86	32.22	32.21	32.68	
24	31.69	31.69	31.69	31.73	32.50	31.69	32.46	34.45	33.26	32.22	32.19	33.96	
25	31.91	31.69	31.68	31.68	32.39	31.68	33.11	33.14	33.00	32.21	32.18	32.86	
26	32.09	31.68	31.68	31.67	31.79	31.69	32.09	33.97	33.87	32.24	32.16	33.66	
27	32.36	31.68	31.69	31.65	31.71	31.71	33.03	33.56	32.98	32.20	32.18	32.33	
28	31.74	31.67	31.69	31.65	31.69	31.73	32.67	32.81	32.80	32.20	32.15	32.40	
29	31.72	31.67	31.67	31.65	31.68	31.75	32.21	32.49	32.72	32.19		32.20	
30	31.71	31.98	31.67	31.64	31.70	31.74	32.10	32.36	32.87	32.17		32.84	
31		32.47		31.63	31.69		32.50		32.72	32.16		32.50	
Mean	32.05	31.80	31.81	31.67	31.73	31.72	32.72	32.98	33.65	32.35	32.35	32.32	
Max	34.96	32.47	33.40	31.75	32.50	32.24	35.52	34.87	36.54	32.69	34.32	33.96	36.54
Min	31.69	31.67	31.67	31.63	31.63	31.64	31.75	31.95	32.31	32.16	32.11	32.00	31.63
Annual Max Momentary Gage Height	36.88		m. (MSL.) ,				at 01.00 Hours ,						on Dec 17 , 2005
Zero Gage at Bottom Elevation	29.78		m. (MSL.) ,				River Bed	31.42		m. (MSL.)			
Left Bank Elevation		37.97		m. (MSL.) ,									
Right Bank Elevation		38.09		m. (MSL.) ,			Drainage Are	118		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.48	0.40	0.48	0.36	0.56	0.36	5.01	1.55	1.78	2.95	1.38	1.35		
2	35.60	0.38	0.42	0.34	0.50	0.34	30.00	2.27	6.08	2.50	1.52	1.33		
3	4.40	0.38	0.40	0.34	0.56	0.32	26.70	2.48	30.00	2.55	1.42	1.28		
4	0.86	0.36	0.38	0.34	0.38	0.30	10.15	5.24	13.07	2.43	1.40	1.25		
5	3.87	0.36	0.40	0.30	0.32	0.32	1.55	2.18	6.19	2.25	1.38	1.25		
6	1.10	0.88	0.54	0.34	0.34	0.32	0.74	1.23	12.72	2.20	1.33	1.20		
7	0.76	0.42	0.44	0.34	0.32	0.42	0.60	0.98	6.19	2.45	1.33	1.17		
8	1.55	0.38	0.68	0.34	0.30	0.42	0.52	0.90	8.04	2.18	1.30	1.15		
9	1.28	0.42	0.44	0.30	0.30	0.38	0.50	1.52	31.40	2.13	1.28	1.12		
10	0.74	0.46	5.80	0.30	0.28	0.34	0.82	2.27	8.23	2.10	1.30	1.12		
11	0.62	0.48	2.95	0.30	0.28	0.34	8.52	5.72	4.70	2.03	1.35	1.10		
12	1.35	0.42	0.60	0.28	0.26	0.30	1.28	5.28	2.95	1.95	1.58	1.10		
13	0.66	1.55	0.48	0.30	0.26	0.30	0.86	12.20	2.38	2.00	2.25	1.07		
14	0.54	0.58	0.70	0.50	0.26	0.30	15.40	11.85	2.43	1.87	1.73	1.05		
15	0.50	0.44	0.46	0.34	0.26	0.34	2.55	3.10	5.21	1.83	11.67	1.05		
16	0.46	0.54	0.46	0.30	0.50	0.28	63.00	32.45	24.90	1.78	17.40	1.02		
17	0.46	2.15	0.62	0.38	0.36	0.30	5.75	15.00	182.90	1.75	2.23	1.02		
18	0.46	0.70	0.46	0.34	0.30	1.00	1.98	2.43	148.90	1.73	1.80	1.00		
19	0.44	0.46	0.42	0.36	0.28	0.54	1.47	3.30	28.20	1.68	1.70	1.00		
20	0.42	0.44	0.42	0.34	0.32	1.60	1.38	2.18	9.34	1.65	1.63	1.00		
21	0.42	0.36	0.40	0.32	0.36	0.66	1.28	4.48	6.35	1.63	1.60	1.00		
22	0.40	0.96	0.40	0.36	0.30	0.46	1.05	3.30	6.13	1.60	1.55	6.46		
23	0.40	0.42	0.40	0.40	0.26	0.40	1.02	4.48	9.61	1.55	1.52	2.90		
24	0.38	0.38	0.38	0.46	2.25	0.38	2.15	20.25	5.45	1.55	1.47	10.96		
25	0.82	0.38	0.36	0.36	1.98	0.36	5.17	5.21	5.00	1.52	1.45	3.95		
26	1.23	0.36	0.36	0.34	0.58	0.38	1.23	11.10	9.74	1.60	1.40	7.47		
27	1.90	0.36	0.38	0.30	0.42	0.42	5.04	6.68	4.85	1.50	1.45	1.83		
28	0.48	0.34	0.38	0.30	0.38	0.46	2.85	3.58	3.50	1.50	1.38	2.00		
29	0.44	0.34	0.34	0.30	0.36	0.50	1.52	2.23	3.10	1.47		1.50		
30	0.42	0.96	0.34	0.28	0.40	0.48	1.25	1.90	4.02	1.42		3.80		
31		2.18		0.26	0.38		2.25		3.10	1.40		2.25		
Total	65.44	19.24	21.29	10.42	14.61	13.32	203.59	177.34	596.46	58.75	68.80	66.75	1316.01	CMSDAY
Mean	2.18	0.62	0.71	0.34	0.47	0.44	6.57	5.91	19.24	1.90	2.46	2.15	3.61	CMS
Max	35.60	2.18	5.80	0.50	2.25	1.60	63.00	32.45	182.90	2.95	17.40	10.96	182.90	CMS
Min	0.38	0.34	0.34	0.26	0.26	0.28	0.50	0.90	1.78	1.40	1.28	1.00	0.26	CMS
Runoff	5.65	1.66	1.84	0.90	1.26	1.15	17.59	15.32	51.53	5.08	5.94	5.77	113.70	MCM
Momentary Peak	268.40		CMS.	at 36.88 m. (MSL.)	at 01.00 Hours		on Dec 17, 2005							
Runoff Yield	30.44		Liters/Second/Square KM.		Momentary Peak Yield	2265.935		Liters/Second/Square KM.						

WATER YEAR : 2005**THALE SAP SONGKHLA****Khlong Ai To at Ban Ai To, Phatthalung (X.129)**

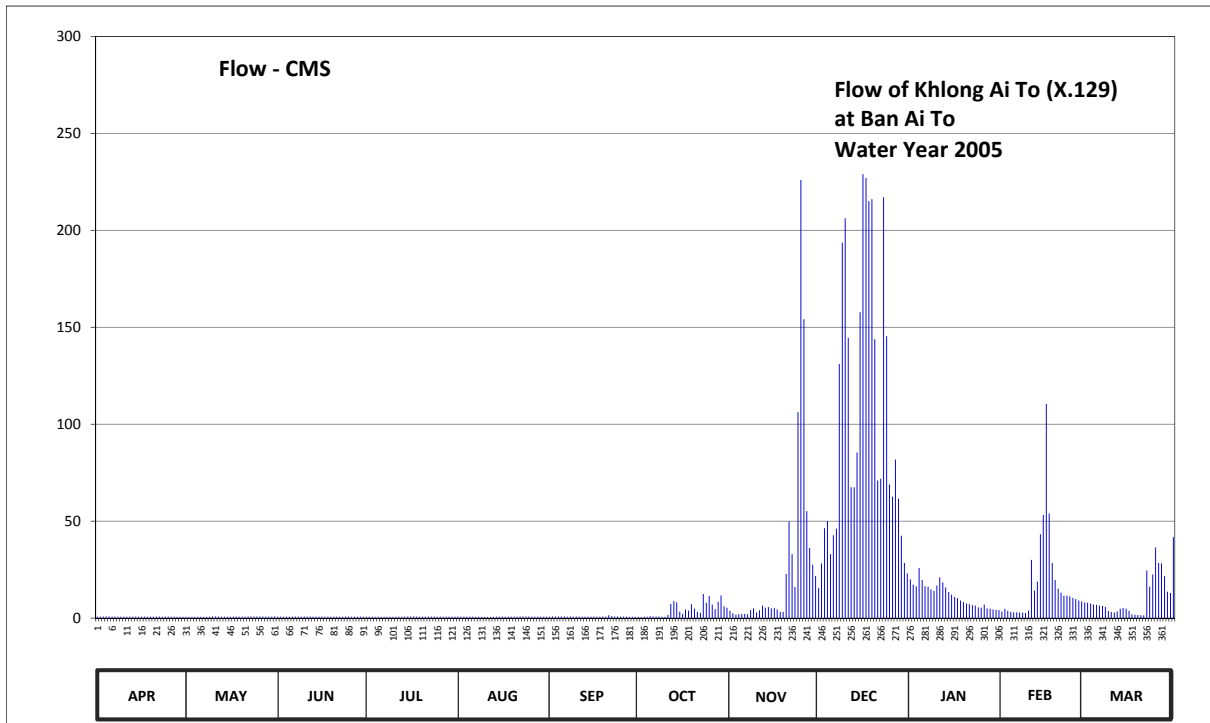
Lat 07 - 23 - 19 N Long 100 - 06 - 44 E

Location : on right bank near Wat Ban Ai To.

	Ban Ai To	Amphoe	Bang Kaeo	Changwat	Phatthalung
Drainage Area	325	sq.km.			
Type of Gage	Staff gage				
Zero Gage at Bottom	+13.000	m. (MSL.)			
Bench Mark	B.M.-H.D.				
Location BM	On right bank about 20 meters from the top staff gage.			Elevation	+24.176 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.				
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings				
Period of Available Gage Records	1982 to date				
Rating Operation					
Period of Rating	1983 to date				
Rated by Flot	-				
Rated by Current Meter	1983 to date				
Stability of Channel Regimes	Fairly stable because of backwater effect.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records fair. Flow regulated by Tha Chiat weir about 4 kilometers above gage site. Stage-discharge relation defined by 50 discharge measurements made in 2005.				

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.55	13.53	13.55	13.54	13.54	13.54	13.53	13.98	14.68	14.90	13.94	14.26	
2	13.56	13.53	13.55	13.54	13.54	13.56	13.52	13.85	15.29	14.76	14.05	14.25	
3	13.56	13.53	13.55	13.54	13.54	13.56	13.54	13.76	16.04	14.72	13.98	14.23	
4	13.56	13.53	13.54	13.53	13.54	13.56	13.54	13.79	16.34	15.19	13.92	14.20	
5	13.56	13.53	13.54	13.53	13.54	13.56	13.59	13.81	15.48	14.88	13.90	14.19	
6	13.55	13.53	13.54	13.53	13.54	13.56	13.57	13.82	15.87	14.72	13.90	14.16	
7	13.55	13.53	13.54	13.53	13.53	13.55	13.55	13.79	16.02	14.71	13.89	14.15	
8	13.54	13.53	13.55	13.53	13.53	13.56	13.54	14.01	19.10	14.64	13.88	14.12	
9	13.54	13.54	13.55	13.53	13.53	13.55	13.53	14.07	20.38	14.60	13.86	13.96	
10	13.54	13.56	13.56	13.53	13.52	13.56	13.53	13.90	20.55	14.74	13.99	13.91	
11	13.54	13.56	13.56	13.53	13.52	13.54	13.73	14.00	19.44	14.95	15.36	13.89	
12	13.54	13.56	13.56	13.54	13.52	13.54	14.22	14.16	17.18	14.82	14.61	13.94	
13	13.54	13.54	13.55	13.54	13.53	13.54	14.30	14.09	17.18	14.69	14.84	14.06	
14	13.54	13.54	13.55	13.56	13.54	13.54	14.26	14.11	17.78	14.57	15.89	14.08	
15	13.54	13.54	13.54	13.56	13.55	13.54	13.93	14.07	19.75	14.49	16.51	14.06	
16	13.54	13.55	13.54	13.56	13.56	13.54	13.82	14.08	20.79	14.42	18.54	13.98	
17	13.54	13.55	13.54	13.56	13.54	13.54	14.03	14.03	20.77	14.39	16.55	13.78	
18	13.54	13.54	13.54	13.55	13.54	13.54	13.99	13.92	20.65	14.32	15.30	13.74	
19	13.54	13.54	13.54	13.54	13.54	13.56	14.21	13.92	20.66	14.27	14.88	13.71	
20	13.54	13.54	13.54	13.54	13.54	13.55	14.06	15.04	19.42	14.23	14.66	13.70	
21	13.54	13.54	13.54	13.54	13.54	13.70	13.92	16.33	17.30	14.21	14.55	13.69	
22	13.54	13.57	13.54	13.54	13.56	13.61	13.87	15.48	17.33	14.18	14.46	15.13	
23	13.54	13.56	13.53	13.54	13.56	13.56	14.51	14.70	20.67	14.17	14.46	14.71	
24	13.54	13.56	13.56	13.54	13.56	13.56	14.25	18.42	19.46	14.10	14.44	15.02	
25	13.55	13.56	13.56	13.54	13.56	13.55	14.45	20.76	17.23	14.09	14.40	15.62	
26	13.55	13.56	13.55	13.54	13.55	13.55	14.20	19.67	16.98	14.20	14.36	15.30	
27	13.54	13.56	13.54	13.54	13.55	13.54	14.04	16.61	17.66	14.07	14.32	15.29	
28	13.53	13.54	13.54	13.54	13.54	13.53	14.28	15.61	16.93	14.06	14.29	14.98	
29	13.53	13.55	13.54	13.54	13.54	13.53	14.47	15.26	15.86	14.03		14.58	
30	13.53	13.56	13.54	13.54	13.54	13.53	14.14	14.99	15.30	14.02		14.54	
31		13.56		13.54	13.54		14.09		15.05	14.01		15.83	
Mean	13.54	13.55	13.55	13.54	13.54	13.55	13.94	14.93	17.84	14.46	14.70	14.36	
Max	13.56	13.57	13.56	13.56	13.56	13.70	14.51	20.76	20.79	15.19	18.54	15.83	20.79
Min	13.53	13.53	13.53	13.53	13.52	13.53	13.52	13.76	14.68	14.01	13.86	13.69	13.52
Annual Max Momentary Gage Height	20.85		m. (MSL.) ,				at 24.00 Hours ,		on Dec 16 , 2005				
Zero Gage at Bottom Elevation	13.00		m. (MSL.) ,			River Bed	12.58		m. (MSL.)				
Left Bank Elevation		22.43		m. (MSL.) ,									
Right Bank Elevation		22.43		m. (MSL.) ,		Drainage Are	325		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.75	0.65	0.75	0.70	0.70	0.70	0.65	3.80	15.60	20.00	3.40	8.05	
2	0.80	0.65	0.75	0.70	0.70	0.80	0.60	2.50	28.25	17.20	4.75	7.88	
3	0.80	0.65	0.75	0.70	0.70	0.80	0.70	1.80	46.40	16.40	3.80	7.52	
4	0.80	0.65	0.70	0.65	0.70	0.80	0.70	1.95	50.10	25.80	3.20	7.00	
5	0.80	0.65	0.70	0.65	0.70	0.80	0.95	2.10	33.00	19.60	3.00	6.85	
6	0.75	0.65	0.70	0.65	0.70	0.80	0.85	2.20	42.75	16.40	3.00	6.40	
7	0.75	0.65	0.70	0.65	0.65	0.75	0.75	1.95	46.20	16.20	2.90	6.25	
8	0.70	0.65	0.75	0.65	0.65	0.80	0.70	4.15	131.00	14.80	2.80	5.80	
9	0.70	0.70	0.75	0.65	0.65	0.75	0.65	5.05	193.70	14.00	2.60	3.60	
10	0.70	0.80	0.80	0.65	0.60	0.80	0.65	3.00	206.25	16.80	3.90	3.10	
11	0.70	0.80	0.80	0.65	0.60	0.70	1.65	4.00	144.60	21.00	30.00	2.90	
12	0.70	0.80	0.80	0.70	0.60	0.70	7.35	6.40	67.50	18.40	14.20	3.40	
13	0.70	0.70	0.75	0.70	0.65	0.70	8.75	5.35	67.50	15.80	18.80	4.90	
14	0.70	0.70	0.75	0.80	0.70	0.70	8.05	5.65	85.40	13.47	43.25	5.20	
15	0.70	0.70	0.70	0.80	0.75	0.70	3.30	5.05	157.75	12.07	53.20	4.90	
16	0.70	0.75	0.70	0.80	0.80	0.70	2.20	5.20	229.00	10.85	110.40	3.80	
17	0.70	0.75	0.70	0.80	0.70	0.70	4.45	4.45	227.00	10.33	54.00	1.90	
18	0.70	0.70	0.70	0.75	0.70	0.70	3.90	3.20	215.00	9.10	28.50	1.70	
19	0.70	0.70	0.70	0.70	0.70	0.80	7.18	3.20	216.00	8.23	19.60	1.55	
20	0.70	0.70	0.70	0.70	0.70	0.75	4.90	22.80	143.80	7.52	15.20	1.50	
21	0.70	0.70	0.70	0.70	0.70	1.50	3.20	49.95	71.00	7.18	13.12	1.45	
22	0.70	0.85	0.70	0.70	0.80	1.05	2.70	33.00	71.90	6.70	11.55	24.60	
23	0.70	0.80	0.65	0.70	0.80	0.80	12.43	16.00	217.00	6.55	11.55	16.20	
24	0.70	0.80	0.80	0.70	0.80	0.80	7.88	106.20	145.40	5.50	11.20	22.40	
25	0.75	0.80	0.80	0.70	0.80	0.75	11.37	226.00	68.90	5.35	10.50	36.50	
26	0.75	0.80	0.75	0.70	0.75	0.75	7.00	154.15	62.60	7.00	9.80	28.50	
27	0.70	0.80	0.70	0.70	0.75	0.70	4.60	55.20	81.80	5.05	9.10	28.25	
28	0.65	0.70	0.70	0.70	0.70	0.65	8.40	36.25	61.60	4.90	8.58	21.60	
29	0.65	0.75	0.70	0.70	0.70	0.65	11.73	27.50	42.50	4.45		13.65	
30	0.65	0.80	0.70	0.70	0.70	0.65	6.10	21.80	28.50	4.30		12.95	
31		0.80		0.70	0.70		5.35		23.00	4.15		41.75	
Total	21.50	22.60	21.85	21.75	21.85	23.25	139.69	819.85	3221.00	365.10	505.90	342.05	5526.39 CMSDAY
Mean	0.72	0.73	0.73	0.70	0.70	0.77	4.51	27.33	103.90	11.78	18.07	11.03	15.14 CMS
Max	0.80	0.85	0.80	0.80	0.80	1.50	12.43	226.00	229.00	25.80	110.40	41.75	229.00 CMS
Min	0.65	0.65	0.65	0.65	0.60	0.65	0.60	1.80	15.60	4.15	2.60	1.45	0.60 CMS
Runoff	1.86	1.95	1.89	1.88	1.89	2.01	12.07	70.84	278.29	31.55	43.71	29.55	477.48 MCM
Momentary Peak	237.50	CMS.	at 20.85 m. (MSL.)	at 24.00 Hours	, on Dec 16, 2005								
Runoff Yield	46.59	Liters/Second/Square KM.		Momentary Peak Yield	730.769	Liters/Second/Square KM.							

WATER YEAR : 2005**THALE SAP SONGKHLA****Khlong Lam at Ban Khlong Lam , Phatthalung (X.170)**

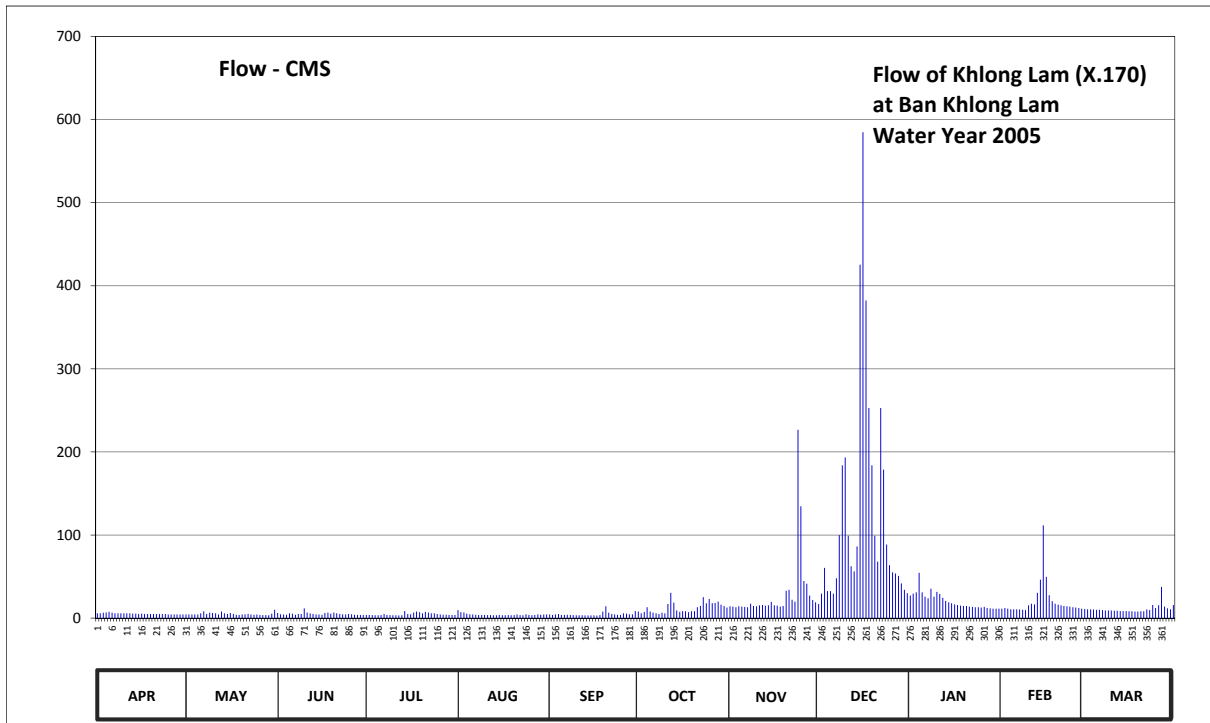
Lat 07 - 33 - 22 N Long 99 - 59 - 31 E

Location : on left bank at the bridge.

	Ban Khlong Lam	Amphoe Srinagarindra	Changwat Phatthalung
Drainage Area	258 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 21 meters from the top staff gage.	Elevation	+6.597 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1987 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 64 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.15	-0.19	-0.14	-0.21	-0.04	-0.19	-0.09	0.08	0.15	0.38	0.01	0.00	
2	-0.15	-0.19	-0.18	-0.21	-0.11	-0.21	-0.15	0.07	0.43	0.43	0.03	-0.01	
3	-0.13	-0.19	-0.19	-0.22	-0.12	-0.19	-0.10	0.05	0.99	0.46	0.01	-0.01	
4	-0.12	-0.19	-0.20	-0.23	-0.16	-0.17	0.05	0.08	0.49	0.89	-0.01	-0.02	
5	-0.10	-0.19	-0.15	-0.23	-0.18	-0.21	-0.09	0.07	0.49	0.46	-0.01	-0.03	
6	-0.13	-0.15	-0.16	-0.22	-0.19	-0.21	-0.13	0.06	0.43	0.35	-0.01	-0.03	
7	-0.15	-0.08	-0.20	-0.17	-0.20	-0.20	-0.15	0.05	0.78	0.31	-0.02	-0.04	
8	-0.15	-0.17	-0.17	-0.21	-0.21	-0.21	-0.17	0.16	1.50	0.55	-0.03	-0.05	
9	-0.15	-0.13	-0.17	-0.22	-0.21	-0.22	-0.13	0.09	2.38	0.35	-0.04	-0.05	
10	-0.15	-0.14	0.02	-0.23	-0.21	-0.23	-0.15	0.08	2.47	0.47	0.11	-0.05	
11	-0.15	-0.15	-0.12	-0.23	-0.22	-0.23	0.15	0.11	1.49	0.42	0.16	-0.06	
12	-0.15	-0.19	-0.15	-0.24	-0.22	-0.23	0.45	0.12	1.02	0.32	0.14	-0.06	
13	-0.16	-0.09	-0.17	-0.23	-0.23	-0.24	0.19	0.10	0.92	0.24	0.45	-0.07	
14	-0.16	-0.15	-0.19	-0.07	-0.23	-0.24	-0.05	0.11	1.34	0.20	0.75	-0.07	
15	-0.17	-0.17	-0.19	-0.17	-0.21	-0.24	-0.10	0.21	4.11	0.17	1.63	-0.07	
16	-0.16	-0.14	-0.20	-0.18	-0.23	-0.24	-0.07	0.11	4.88	0.14	0.81	-0.08	
17	-0.17	-0.17	-0.14	-0.12	-0.23	-0.25	-0.08	0.10	3.87	0.12	0.39	-0.08	
18	-0.17	-0.20	-0.13	-0.09	-0.22	-0.22	-0.11	0.07	2.99	0.10	0.23	-0.09	
19	-0.17	-0.21	-0.16	-0.11	-0.23	-0.09	-0.08	0.09	2.38	0.09	0.16	-0.09	
20	-0.17	-0.19	-0.12	-0.15	-0.22	0.08	-0.08	0.50	1.49	0.09	0.13	-0.08	
21	-0.17	-0.18	-0.15	-0.10	-0.19	-0.13	0.05	0.52	1.10	0.07	0.11	-0.08	
22	-0.17	-0.17	-0.17	-0.12	-0.22	-0.17	0.09	0.27	2.99	0.06	0.09	-0.02	
23	-0.17	-0.19	-0.18	-0.15	-0.23	-0.19	0.34	0.22	2.33	0.05	0.08	-0.04	
24	-0.17	-0.20	-0.19	-0.15	-0.18	-0.20	0.17	2.77	1.37	0.05	0.07	0.12	
25	-0.19	-0.19	-0.17	-0.17	-0.21	-0.21	0.29	1.88	1.04	0.04	0.05	0.03	
26	-0.19	-0.21	-0.18	-0.19	-0.23	-0.15	0.17	0.72	0.90	0.06	0.04	0.11	
27	-0.19	-0.22	-0.20	-0.20	-0.21	-0.16	0.18	0.66	0.88	0.03	0.03	0.59	
28	-0.19	-0.22	-0.21	-0.20	-0.18	-0.18	0.22	0.38	0.83	0.02	0.01	0.07	
29	-0.19	-0.23	-0.21	-0.21	-0.20	-0.18	0.13	0.26	0.67	0.01		0.02	
30	-0.19	-0.16	-0.21	-0.21	-0.19	-0.07	0.09	0.20	0.52	0.01		-0.01	
31		-0.03		-0.21	-0.19		0.04		0.44	0.01		0.12	
Mean	-0.16	-0.17	-0.17	-0.18	-0.20	-0.19	0.03	0.34	1.54	0.22	0.19	0.00	
Max	-0.10	-0.03	0.02	-0.07	-0.04	0.08	0.45	2.77	4.88	0.89	1.63	0.59	4.88
Min	-0.19	-0.23	-0.21	-0.24	-0.23	-0.25	-0.17	0.05	0.15	0.01	-0.04	-0.09	-0.25
Annual Max Momentary Gage Height	6.12												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	8.18												
Right Bank Elevation	8.39												
Annual Max Momentary Gage Height	6.12 m. (A.D.) , at 20.00 Hours , on Dec 16 , 2005												
Zero Gage at Bottom Elevation	0.00 m. (A.D.) , River Bed -1.66 m. (A.D.)												
Left Bank Elevation	8.18 m. (A.D.) ,												
Right Bank Elevation	8.39 m. (A.D.) , Drainage Are 258 Square Kilometers												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.75	4.35	6.10	3.80	9.60	4.35	7.85	14.20	17.00	27.10	11.40	11.00		
2	5.75	4.35	4.70	3.80	7.15	3.80	5.75	13.80	29.50	29.50	12.20	10.65		
3	6.45	4.35	4.35	3.60	6.80	4.35	7.50	13.00	60.40	31.00	11.40	10.65		
4	6.80	4.35	4.00	3.40	5.40	5.05	13.00	14.20	32.50	54.40	10.65	10.30		
5	7.50	4.35	5.75	3.40	4.70	3.80	7.85	13.80	32.50	31.00	10.65	9.95		
6	6.45	5.75	5.40	3.60	4.35	3.80	6.45	13.40	29.50	25.75	10.65	9.95		
7	5.75	8.20	4.00	5.05	4.00	4.00	5.75	13.00	47.90	23.95	10.30	9.60		
8	5.75	5.05	5.05	3.80	3.80	3.80	5.05	17.40	100.00	35.50	9.95	9.25		
9	5.75	6.45	5.05	3.60	3.80	3.60	6.45	14.60	183.90	25.75	9.60	9.25		
10	5.75	6.10	11.80	3.40	3.80	3.40	5.75	14.20	193.35	31.50	15.40	9.25		
11	5.75	5.75	6.80	3.40	3.60	3.40	17.00	15.40	99.10	29.00	17.40	8.90		
12	5.75	4.35	5.75	3.20	3.60	3.40	30.50	15.80	62.40	24.40	16.60	8.90		
13	5.40	7.85	5.05	3.40	3.40	3.20	18.60	15.00	56.20	20.80	30.50	8.55		
14	5.40	5.75	4.35	8.55	3.40	3.20	9.25	15.40	86.20	19.00	46.25	8.55		
15	5.05	5.05	4.35	5.05	3.80	3.20	7.50	19.45	425.35	17.80	111.70	8.55		
16	5.40	6.10	4.00	4.70	3.40	3.20	8.55	15.40	584.80	16.60	49.60	8.20		
17	5.05	5.05	6.10	6.80	3.40	3.00	8.20	15.00	382.25	15.80	27.55	8.20		
18	5.05	4.00	6.45	7.85	3.60	3.60	7.15	13.80	252.80	15.00	20.35	7.85		
19	5.05	3.80	5.40	7.15	3.40	7.85	8.20	14.60	183.90	14.60	17.40	7.85		
20	5.05	4.35	6.80	5.75	3.60	14.20	8.20	33.00	99.10	14.60	16.20	8.20		
21	5.05	4.70	5.75	7.50	4.35	6.45	13.00	34.00	68.00	13.80	15.40	8.20		
22	5.05	5.05	5.05	6.80	3.60	5.05	14.60	22.15	252.80	13.40	14.60	10.30		
23	5.05	4.35	4.70	5.75	3.40	4.35	25.30	19.90	178.65	13.00	14.20	9.60		
24	5.05	4.00	4.35	5.75	4.70	4.00	17.80	226.55	88.60	13.00	13.80	15.80		
25	4.35	4.35	5.05	5.05	3.80	3.80	23.05	134.60	63.80	12.60	13.00	12.20		
26	4.35	3.80	4.70	4.35	3.40	5.75	17.80	44.60	55.00	13.40	12.60	15.40		
27	4.35	3.60	4.00	4.00	3.80	5.40	18.20	41.30	53.80	12.20	12.20	37.50		
28	4.35	3.60	3.80	4.00	4.70	4.70	19.90	27.10	50.80	11.80	11.40	13.80		
29	4.35	3.40	3.80	3.80	4.00	4.70	16.20	21.70	41.85	11.40		11.80		
30	4.35	5.40	3.80	3.80	4.35	8.55	14.60	19.00	34.00	11.40		10.65		
31		9.95		3.80	4.35		12.60		30.00	11.40		15.80		
Total	160.95	157.55	156.25	147.90	133.05	140.95	387.60	905.35	3875.95	640.45	572.95	344.65	7623.60	CMSDAY
Mean	5.37	5.08	5.21	4.77	4.29	4.70	12.50	30.18	125.03	20.66	20.46	11.12	20.89	CMS
Max	7.50	9.95	11.80	8.55	9.60	14.20	30.50	226.55	584.80	54.40	111.70	37.50	584.80	CMS
Min	4.35	3.40	3.80	3.20	3.40	3.00	5.05	13.00	17.00	11.40	9.60	7.85	3.00	CMS
Runoff	13.91	13.61	13.50	12.78	11.50	12.18	33.49	78.22	334.88	55.34	49.50	29.78	658.68	MCM
Momentary Peak	924.00	CMS. at 6.12 m. (A.D.) at 20.00 Hours , on Dec 16 , 2005												
Runoff Yield	80.96	Liters/Second/Square KM. Momentary Peak Yield 3581.395 Liters/Second/Square KM.												

WATER YEAR : 2005**THALE SAP SONGKHLA****Khlong U - Taphao at Ban Khlong Ngae, Songkhla (X.173)**

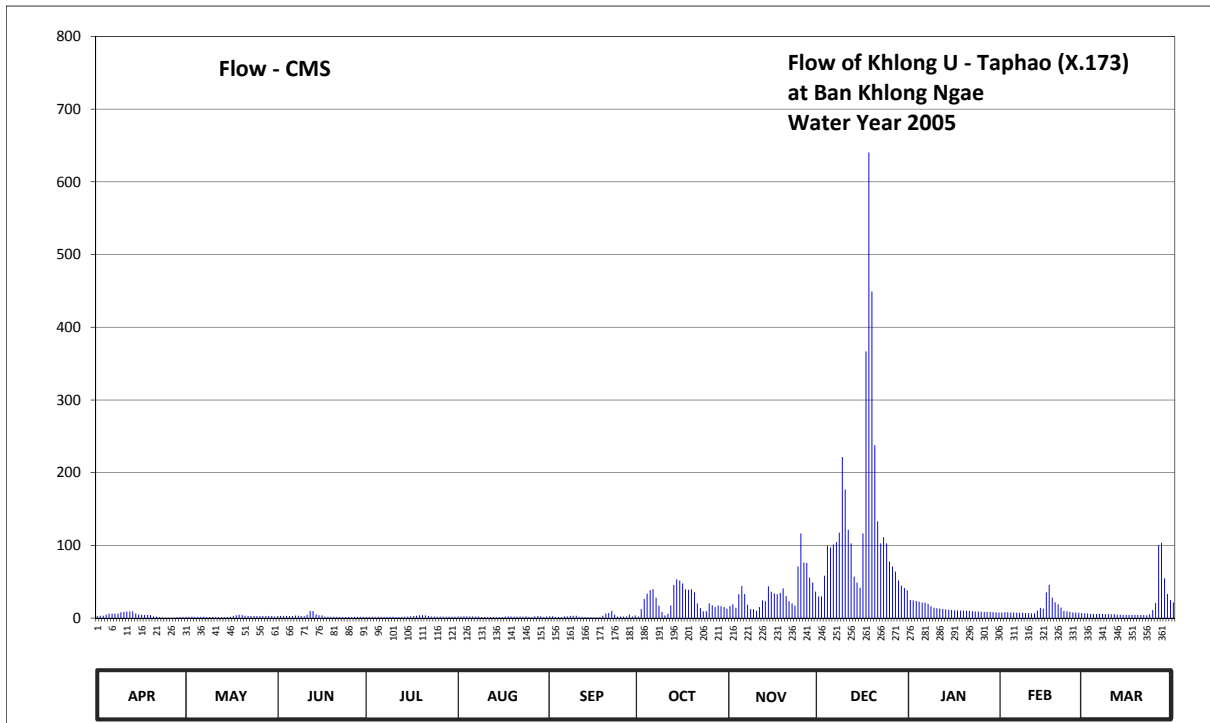
Lat 06 - 47 - 40 N Long 100 - 26 - 42 E

Location : on right bank at the bridge on Hat Yai - Sadao Highway.

	Ban Khlong Ngae	Amphoe Sadao	Changwat Songkhla
Drainage Area	969 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 1.13 meters from the top staff gage.	Elevation	+19.000 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1989 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 58 discharge measurements made in 2005.		

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.46	12.24	12.46	12.21	12.33	12.38	12.30	14.07	15.04	14.74	13.10	12.95	
2	12.50	12.24	12.48	12.20	12.35	12.38	13.62	14.29	15.06	14.69	13.16	12.92	
3	12.50	12.26	12.48	12.20	12.37	12.18	14.83	13.82	16.25	14.64	13.15	12.85	
4	12.72	12.24	12.48	12.20	12.39	12.16	15.28	15.24	16.92	14.57	13.10	12.84	
5	12.90	12.20	12.45	12.20	12.38	12.18	15.52	15.77	16.89	14.47	13.10	12.84	
6	12.90	12.20	12.46	12.20	12.38	12.36	15.59	15.26	16.94	14.45	13.05	12.83	
7	12.90	12.20	12.52	12.20	12.33	12.38	14.95	14.24	16.98	14.32	13.05	12.82	
8	12.90	12.18	12.50	12.20	12.32	12.47	14.12	13.64	17.11	14.03	13.05	12.80	
9	13.14	12.19	12.46	12.20	12.18	12.49	13.22	13.63	17.68	13.82	13.00	12.79	
10	13.20	12.16	12.43	12.20	12.18	12.50	12.56	13.40	17.49	13.77	12.98	12.78	
11	13.28	12.14	12.67	12.18	12.16	12.20	12.87	13.91	17.15	13.71	12.95	12.76	
12	13.30	12.11	13.38	12.18	12.16	12.20	14.14	14.69	16.96	13.65	12.94	12.68	
13	13.30	12.10	13.36	12.20	12.14	12.18	15.82	14.62	16.22	13.61	13.44	12.68	
14	12.92	12.13	12.74	12.26	12.12	12.10	16.11	15.75	15.95	13.56	13.81	12.66	
15	12.70	12.15	12.58	12.35	12.10	12.08	16.06	15.41	15.67	13.51	13.70	12.64	
16	12.67	12.29	12.57	12.38	12.15	12.05	15.91	15.29	17.10	13.47	15.37	12.64	
17	12.65	12.47	12.35	12.46	12.30	12.05	15.58	15.25	18.09	13.46	15.83	12.64	
18	12.65	12.59	12.28	12.50	12.36	12.15	15.55	15.33	18.46	13.44	14.95	12.64	
19	12.63	12.69	12.20	12.58	12.31	12.50	15.58	15.64	18.24	13.43	14.51	12.64	
20	12.39	12.61	12.20	12.58	12.28	12.90	15.37	15.09	17.74	13.40	14.28	12.64	
21	12.25	12.50	12.20	12.55	12.28	13.01	14.38	14.60	17.24	13.37	13.84	12.62	
22	12.19	12.47	12.15	12.46	12.30	13.40	13.79	14.37	16.96	13.34	13.37	12.59	
23	12.06	12.45	12.15	12.33	12.26	12.68	13.34	14.12	17.05	13.30	13.29	12.78	
24	12.00	12.45	12.15	12.30	12.40	12.34	13.34	16.50	16.96	13.27	13.19	13.52	
25	12.00	12.45	12.17	12.28	12.20	12.30	14.38	17.10	16.61	13.24	13.13	14.42	
26	11.92	12.45	12.17	12.28	12.18	12.30	14.15	16.59	16.50	13.20	13.10	16.93	
27	12.03	12.45	12.20	12.28	12.36	12.32	13.92	16.58	16.38	13.18	13.06	16.97	
28	12.14	12.45	12.20	12.28	12.46	12.70	14.14	16.19	16.06	13.16	12.99	16.16	
29	12.17	12.46	12.20	12.28	12.40	12.32	14.02	15.96	15.79	13.14		15.26	
30	12.24	12.48	12.20	12.28	12.18	12.57	13.92	15.43	15.65	13.12		14.73	
31		12.31		12.28	12.33		13.70		15.50	13.09		14.49	
Mean	12.59	12.33	12.43	12.30	12.28	12.39	14.45	15.06	16.73	13.68	13.52	13.40	
Max	13.30	12.69	13.38	12.58	12.46	13.40	16.11	17.10	18.46	14.74	15.83	16.97	18.46
Min	11.92	12.10	12.15	12.18	12.10	12.05	12.30	13.40	15.04	13.09	12.94	12.59	11.92
Annual Max Momentary Gage Height	18.52		m. (MSL.) ,				at 10.00 Hours ,						on Dec 18 , 2005
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	9.34	m. (MSL.)					
Left Bank Elevation		19.87		m. (MSL.) ,									
Right Bank Elevation		19.88		m. (MSL.) ,		Drainage Are	969	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.95	1.83	2.95	1.71	2.21	2.42	2.08	16.70	29.60	25.10	7.75	6.63	
2	3.25	1.83	3.10	1.67	2.29	2.42	12.20	19.12	29.90	24.35	8.20	6.40	
3	3.25	1.92	3.10	1.67	2.38	1.58	26.45	14.20	58.25	23.60	8.13	5.88	
4	4.90	1.83	3.10	1.67	2.46	1.50	33.60	32.80	99.60	22.62	7.75	5.80	
5	6.25	1.67	2.88	1.67	2.42	1.58	38.40	44.25	97.20	21.37	7.75	5.80	
6	6.25	1.67	2.95	1.67	2.42	2.33	39.80	33.20	101.20	21.12	7.38	5.73	
7	6.25	1.67	3.40	1.67	2.21	2.42	28.25	18.50	104.40	19.50	7.38	5.65	
8	6.25	1.58	3.25	1.67	2.17	3.03	17.20	12.40	117.55	16.30	7.38	5.50	
9	8.05	1.62	2.95	1.67	1.58	3.18	8.65	12.30	221.60	14.20	7.00	5.43	
10	8.50	1.50	2.73	1.67	1.58	3.25	3.70	10.00	176.90	13.70	6.85	5.35	
11	9.10	1.42	4.53	1.58	1.50	1.67	6.03	15.10	121.75	13.10	6.63	5.20	
12	9.25	1.29	9.85	1.58	1.50	1.67	17.40	24.35	102.80	12.50	6.55	4.60	
13	9.25	1.25	9.70	1.67	1.42	1.58	45.50	23.30	56.90	12.10	10.40	4.60	
14	6.40	1.38	5.05	1.92	1.33	1.25	53.30	43.75	48.75	11.60	14.10	4.45	
15	4.75	1.46	3.85	2.29	1.25	1.17	51.80	36.20	41.75	11.10	13.00	4.30	
16	4.53	2.04	3.78	2.42	1.46	1.04	47.75	33.80	116.50	10.70	35.40	4.30	
17	4.38	3.03	2.29	2.95	2.08	1.04	39.60	33.00	366.85	10.60	45.75	4.30	
18	4.38	3.93	2.00	3.25	2.33	1.46	39.00	34.60	640.30	10.40	28.25	4.30	
19	4.23	4.67	1.67	3.85	2.13	3.25	39.60	41.00	449.20	10.30	21.87	4.30	
20	2.46	4.08	1.67	3.85	2.00	6.25	35.40	30.35	237.80	10.00	19.00	4.30	
21	1.88	3.25	1.67	3.63	2.00	7.08	20.25	23.00	133.20	9.78	14.40	4.15	
22	1.62	3.03	1.46	2.95	2.08	10.00	13.90	20.12	102.80	9.55	9.78	3.93	
23	1.08	2.88	1.46	2.21	1.92	4.60	9.55	17.20	111.25	9.25	9.18	5.35	
24	0.83	2.88	1.46	2.08	2.50	2.25	9.55	71.00	102.80	9.03	8.43	11.20	
25	0.83	2.88	1.54	2.00	1.67	2.08	20.25	116.50	77.65	8.80	7.98	20.75	
26	0.50	2.88	1.54	2.00	1.58	2.08	17.50	76.40	71.00	8.50	7.75	100.40	
27	0.96	2.88	1.67	2.00	2.33	2.17	15.20	75.80	64.10	8.35	7.45	103.60	
28	1.42	2.88	1.67	2.00	2.95	4.75	17.40	55.70	51.80	8.20	6.93	54.80	
29	1.54	2.95	1.67	2.00	2.50	2.17	16.20	49.00	44.75	8.05		33.20	
30	1.83	3.10	1.67	2.00	1.58	3.78	15.20	36.60	41.25	7.90		24.95	
31		2.13		2.00	2.21		13.00		38.00	7.68		21.62	
Total	127.12	73.41	90.61	66.97	62.04	85.05	753.71	1070.24	4057.40	409.35	348.42	486.77	7631.09 CMSDAY
Mean	4.24	2.37	3.02	2.16	2.00	2.84	24.31	35.67	130.88	13.20	12.44	15.70	20.91 CMS
Max	9.25	4.67	9.85	3.85	2.95	10.00	53.30	116.50	640.30	25.10	45.75	103.60	640.30 CMS
Min	0.50	1.25	1.46	1.58	1.25	1.04	2.08	10.00	29.60	7.68	6.55	3.93	0.50 CMS
Runoff	10.98	6.34	7.83	5.79	5.36	7.35	65.12	92.47	350.56	35.37	30.10	42.06	659.33 MCM
Momentary Peak		706.60 CMS.		18.52 m. (MSL.)									at 10.00 Hours , on Dec 18 , 2005
Runoff Yield		21.58		Liters/Second/Square KM.									Momentary Peak Yield 729.205 Liters/Second/Square KM.

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Wa at Ban Khlong Wa , Songkhla (X.174)

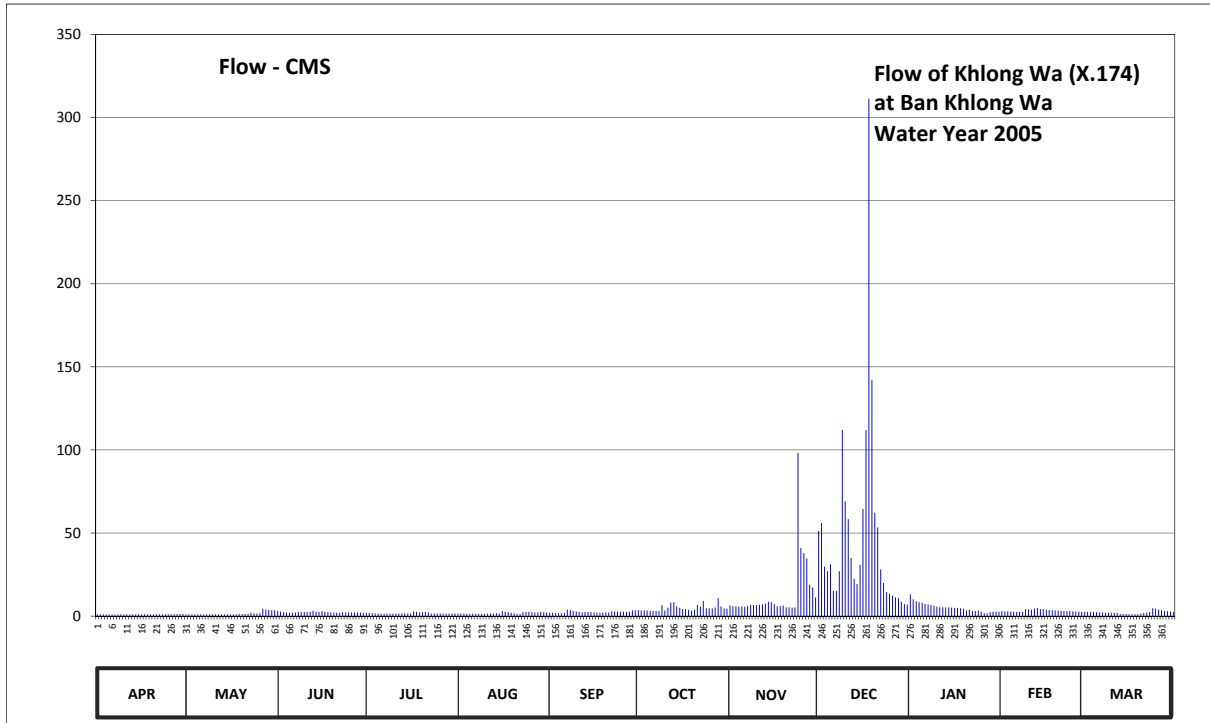
Lat 06 - 59 - 42 N Long 100 - 29 - 05 E

Location : on right bank at the bridge.

	Ban Khlong Wa	Amphoe Hat Yai	Changwat Songkhla
Drainage Area	116 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+10.954 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	1989 to date		
Rating Operation			
Period of Rating	1989 to date		
Rated by Flot	-		
Rated by Current Meter	1989 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 46 discharge measurements made in 2005.		

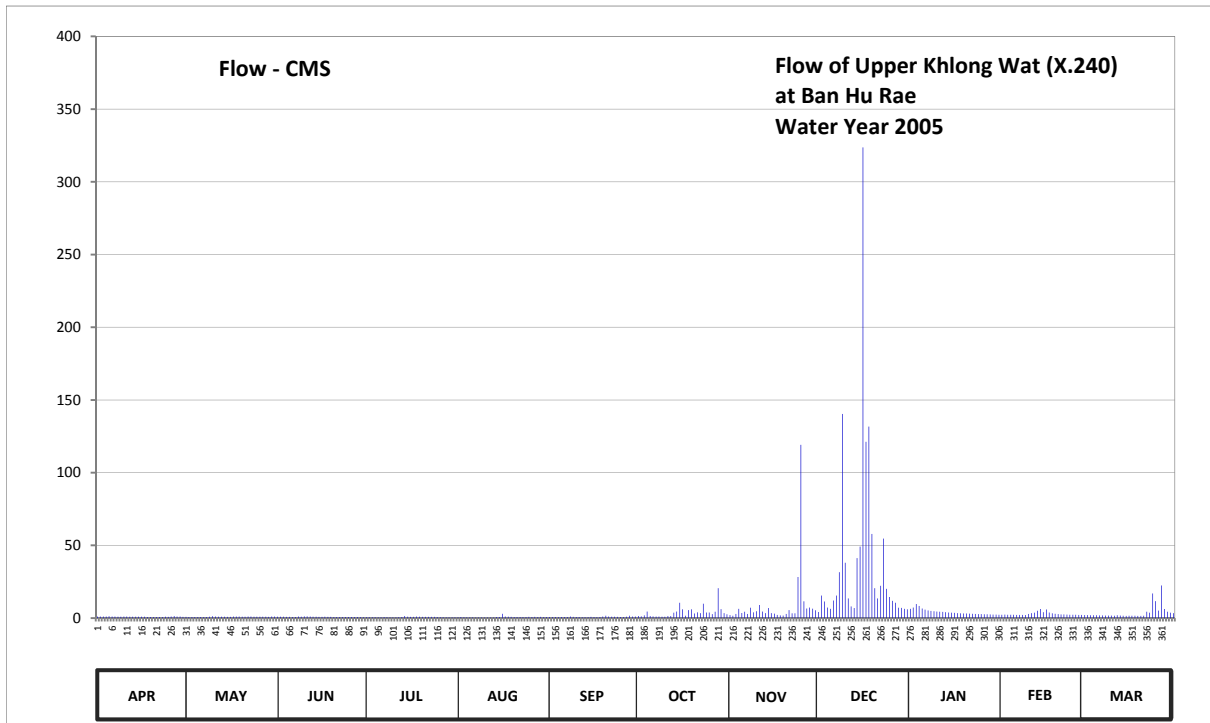
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.94	4.94	5.20	5.06	5.00	5.06	5.25	5.49	7.38	5.89	5.18	5.14	
2	4.94	4.94	5.15	5.05	5.00	5.05	5.23	5.45	7.63	5.73	5.17	5.14	
3	4.94	4.94	5.11	5.03	5.00	5.04	5.22	5.44	6.67	5.65	5.16	5.12	
4	4.93	4.94	5.09	5.02	4.99	5.03	5.22	5.43	6.58	5.62	5.15	5.12	
5	4.93	4.94	5.08	5.00	4.99	5.03	5.21	5.44	6.71	5.60	5.14	5.11	
6	4.93	4.94	5.08	4.99	4.99	5.07	5.20	5.43	6.00	5.55	5.13	5.09	
7	4.93	4.94	5.08	4.99	4.99	5.28	5.20	5.46	6.00	5.53	5.12	5.09	
8	4.94	4.94	5.13	4.99	4.98	5.25	5.20	5.51	6.58	5.50	5.12	5.07	
9	4.94	4.94	5.12	4.99	4.98	5.19	5.49	5.50	8.58	5.47	5.29	5.07	
10	4.94	4.94	5.12	4.99	4.98	5.16	5.22	5.50	8.08	5.43	5.28	5.06	
11	4.94	4.94	5.12	5.00	5.00	5.12	5.37	5.51	7.73	5.40	5.27	5.05	
12	4.94	4.94	5.15	5.00	5.00	5.10	5.61	5.53	6.84	5.40	5.33	5.05	
13	4.94	4.94	5.21	5.03	5.00	5.12	5.62	5.56	6.37	5.39	5.36	4.97	
14	4.94	4.94	5.14	5.02	5.04	5.13	5.44	5.64	6.21	5.39	5.30	4.97	
15	4.94	4.94	5.13	5.01	5.00	5.11	5.37	5.62	6.70	5.38	5.30	4.96	
16	4.94	4.94	5.18	5.01	5.19	5.09	5.30	5.54	7.95	5.37	5.27	4.95	
17	4.94	4.94	5.14	5.16	5.14	5.08	5.30	5.45	8.58	5.36	5.25	4.95	
18	4.94	4.94	5.12	5.14	5.11	5.06	5.26	5.45	9.17	5.35	5.24	4.95	
19	4.94	4.96	5.10	5.09	5.06	5.08	5.22	5.48	8.69	5.32	5.23	4.95	
20	4.94	4.97	5.08	5.10	5.02	5.10	5.27	5.40	7.87	5.23	5.22	5.00	
21	4.94	4.98	5.07	5.12	4.99	5.09	5.50	5.40	7.50	5.26	5.21	5.07	
22	4.94	4.98	5.07	5.09	4.98	5.17	5.43	5.38	6.62	5.20	5.20	5.09	
23	4.94	5.06	5.10	5.00	5.13	5.16	5.67	5.39	6.24	5.21	5.19	5.12	
24	4.94	5.03	5.09	5.00	5.12	5.16	5.35	8.49	5.96	5.22	5.18	5.35	
25	4.94	5.01	5.09	5.00	5.12	5.15	5.35	7.07	5.91	5.14	5.17	5.32	
26	4.94	5.03	5.09	5.00	5.10	5.15	5.34	6.97	5.85	5.03	5.16	5.27	
27	4.95	5.32	5.09	5.00	5.09	5.12	5.39	6.82	5.80	5.03	5.15	5.23	
28	4.95	5.28	5.08	5.00	5.09	5.15	5.77	6.19	5.77	5.10	5.14	5.20	
29	4.97	5.26	5.08	5.00	5.12	5.23	5.44	6.11	5.64	5.15		5.19	
30	4.98	5.24	5.08	5.00	5.10	5.23	5.34	5.79	5.54	5.15		5.15	
31		5.23		5.00	5.08		5.32		5.52	5.14		5.13	
Mean	4.94	5.01	5.11	5.03	5.04	5.13	5.36	5.78	6.86	5.36	5.21	5.09	
Max	4.98	5.32	5.21	5.16	5.19	5.28	5.77	8.49	9.17	5.89	5.36	5.35	9.17
Min	4.93	4.94	5.07	4.99	4.98	5.03	5.20	5.38	5.52	5.03	5.12	4.95	4.93
Annual Max Momentary Gage Height	9.40		m. (MSL.) ,				at 15.00 Hours ,		on Dec 18 , 2005				
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	4.64		m. (MSL.)				
Left Bank Elevation		11.40		m. (MSL.) ,									
Right Bank Elevation		11.30		m. (MSL.) ,		Drainage Are	116		Square Kilometers				



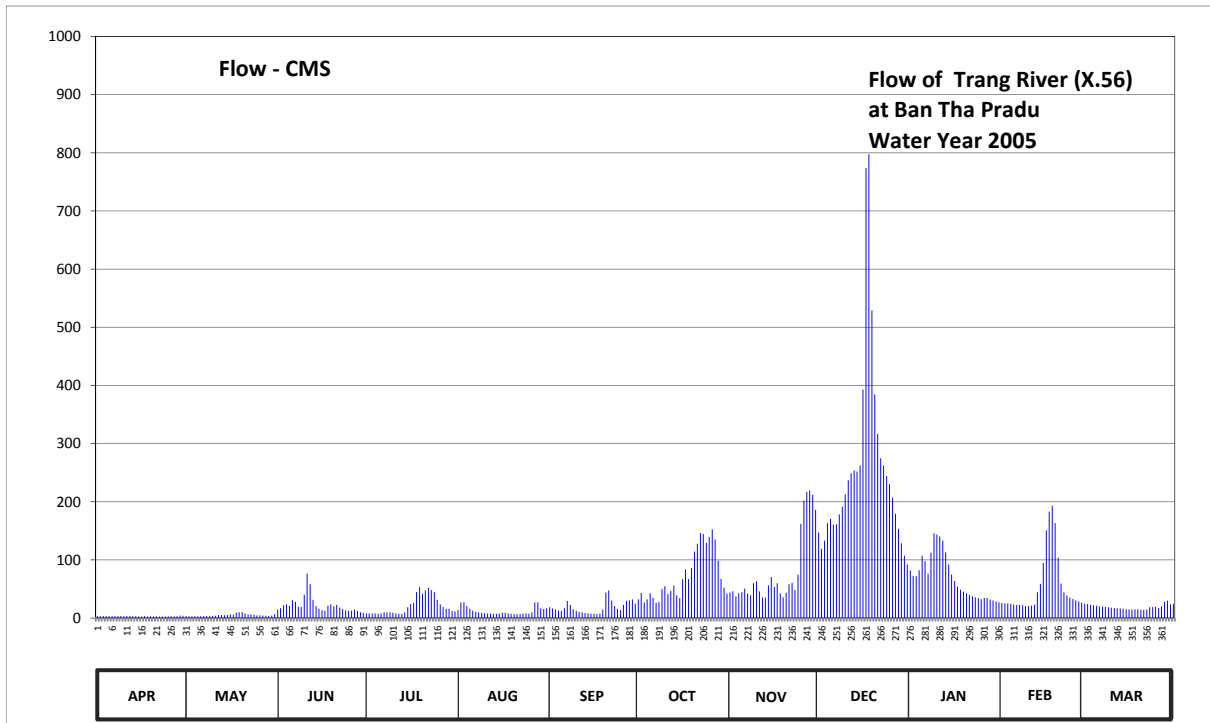
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.05	1.05	3.10	1.98	1.50	1.98	3.65	6.51	51.20	13.05	2.94	2.62	
2	1.05	1.05	2.70	1.90	1.50	1.90	3.43	5.97	55.92	10.14	2.86	2.62	
3	1.05	1.05	2.38	1.74	1.50	1.82	3.32	5.84	29.78	8.83	2.78	2.46	
4	0.97	1.05	2.22	1.66	1.42	1.74	3.32	5.70	26.96	8.33	2.70	2.46	
5	0.97	1.05	2.14	1.50	1.42	1.74	3.21	5.84	31.14	8.00	2.62	2.38	
6	0.97	1.05	2.14	1.42	1.42	2.06	3.10	5.70	15.20	7.33	2.54	2.22	
7	0.97	1.05	2.14	1.42	1.42	3.98	3.10	6.11	15.20	7.06	2.46	2.22	
8	1.05	1.05	2.54	1.42	1.35	3.65	3.10	6.79	26.96	6.65	2.46	2.06	
9	1.05	1.05	2.46	1.42	1.35	3.02	6.51	6.65	111.95	6.24	4.09	2.06	
10	1.05	1.05	2.46	1.42	1.35	2.78	3.32	6.65	69.00	5.70	3.98	1.98	
11	1.05	1.05	2.46	1.50	1.50	2.46	4.97	6.79	58.32	5.30	3.87	1.90	
12	1.05	1.05	2.70	1.50	1.50	2.30	8.17	7.06	35.08	5.30	4.53	1.90	
13	1.05	1.05	3.21	1.74	1.50	2.46	8.33	7.46	22.41	5.19	4.86	1.27	
14	1.05	1.05	2.62	1.66	1.82	2.54	5.84	8.66	19.29	5.19	4.20	1.27	
15	1.05	1.05	2.54	1.58	1.50	2.38	4.97	8.33	30.80	5.08	4.20	1.20	
16	1.05	1.05	2.94	1.58	3.02	2.22	4.20	7.19	64.50	4.97	3.87	1.12	
17	1.05	1.05	2.62	2.78	2.62	2.14	4.20	5.97	111.95	4.86	3.65	1.12	
18	1.05	1.05	2.46	2.62	2.38	1.98	3.76	5.97	311.30	4.75	3.54	1.12	
19	1.05	1.20	2.30	2.22	1.98	2.14	3.32	6.38	142.00	4.42	3.43	1.12	
20	1.05	1.27	2.14	2.30	1.66	2.30	3.87	5.30	62.10	3.43	3.32	1.50	
21	1.05	1.35	2.06	2.46	1.42	2.22	6.65	5.30	53.35	3.76	3.21	2.06	
22	1.05	1.35	2.06	2.22	1.35	2.86	5.70	5.08	28.08	3.10	3.10	2.22	
23	1.05	1.98	2.30	1.50	2.54	2.78	9.16	5.19	19.88	3.21	3.02	2.46	
24	1.05	1.74	2.22	1.50	2.46	2.78	4.75	98.22	14.42	3.32	2.94	4.75	
25	1.05	1.58	2.22	1.50	2.46	2.70	4.75	41.05	13.44	2.62	2.86	4.42	
26	1.05	1.74	2.22	1.50	2.30	2.70	4.64	37.94	12.27	1.74	2.78	3.87	
27	1.12	4.42	2.22	1.50	2.22	2.46	5.19	34.64	11.30	1.74	2.70	3.43	
28	1.12	3.98	2.14	1.50	2.22	2.70	10.80	18.90	10.80	2.30	2.62	3.10	
29	1.27	3.76	2.14	1.50	2.46	3.43	5.84	17.34	8.66	2.70		3.02	
30	1.35	3.54	2.14	1.50	2.30	3.43	4.64	11.13	7.19	2.70		2.70	
31		3.43		1.50	2.14		4.42		6.92	2.62		2.54	
Total	31.84	50.24	71.99	53.54	57.58	75.65	154.23	405.66	1477.37	159.63	92.13	71.17	2701.03 CMSDAY
Mean	1.06	1.62	2.40	1.73	1.86	2.52	4.98	13.52	47.66	5.15	3.29	2.30	7.40 CMS
Max	1.35	4.42	3.21	2.78	3.02	3.98	10.80	98.22	311.30	13.05	4.86	4.75	311.30 CMS
Min	0.97	1.05	2.06	1.42	1.35	1.74	3.10	5.08	6.92	1.74	2.46	1.12	0.97 CMS
Runoff	2.75	4.34	6.22	4.63	4.98	6.54	13.33	35.05	127.65	13.79	7.96	6.15	233.37 MCM
Momentary Peak	425.00	CMS.	at 9.40 m. (MSL.)	at 15.00 Hours	, on Dec 18 , 2005								
Runoff Yield	63.79	Liters/Second/Square KM.			Momentary Peak Yield	3663.793	Liters/Second/Square KM.						

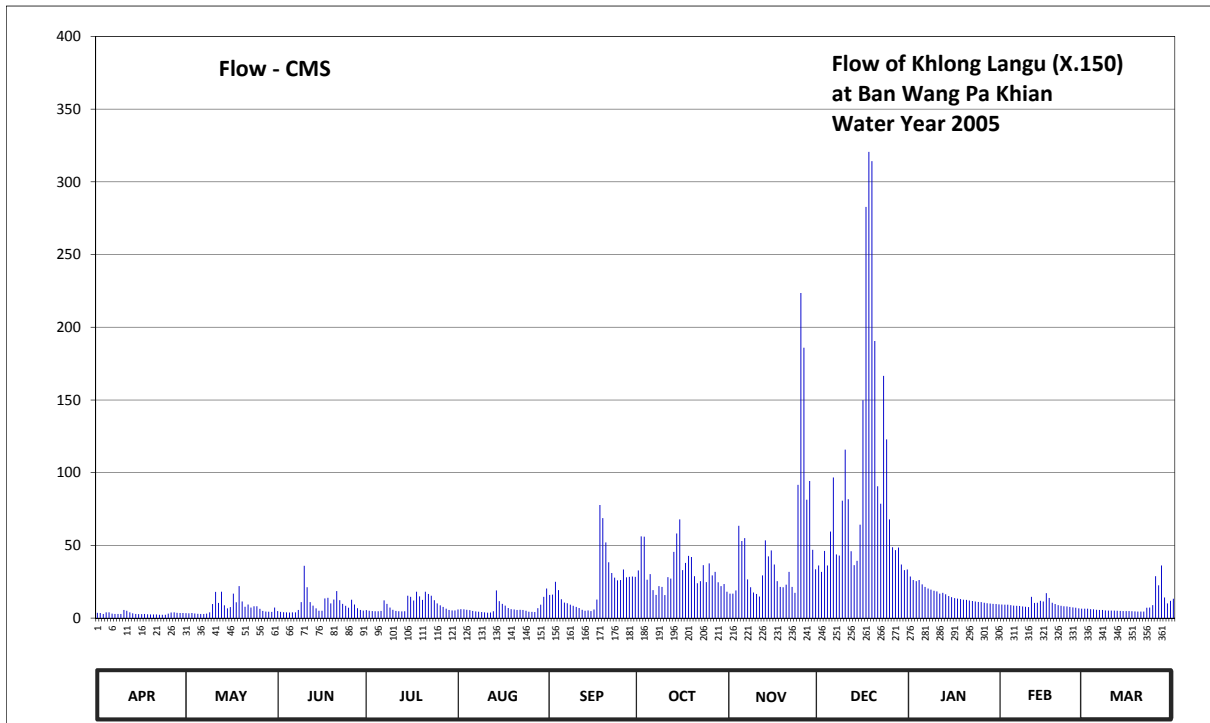


Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.10	0.83	0.98	0.68	0.53	0.71	1.46	2.10	4.15	6.35	2.30	2.10		
2	1.07	0.77	0.95	0.68	0.74	0.77	1.19	1.69	15.50	7.20	2.45	2.05		
3	1.07	0.77	0.95	0.65	0.65	0.71	1.91	2.90	11.45	9.65	2.30	2.00		
4	1.04	0.74	0.86	0.65	0.59	0.68	4.50	6.40	7.30	8.38	2.25	1.96		
5	1.28	0.77	0.83	0.59	0.56	0.80	1.37	3.55	6.40	6.60	2.30	1.96		
6	1.10	0.71	0.80	0.59	0.53	0.71	1.23	4.35	12.13	5.80	2.20	1.91		
7	1.04	0.74	0.77	0.71	0.47	0.77	1.14	2.85	15.50	5.30	2.20	1.82		
8	0.98	0.71	1.07	0.65	0.45	1.04	1.04	7.15	31.60	4.95	2.15	1.73		
9	1.01	0.98	0.95	0.59	0.45	0.89	1.01	3.95	140.40	4.75	2.05	1.73		
10	1.10	1.33	1.19	0.59	0.45	0.77	0.98	4.75	38.05	4.55	2.85	1.73		
11	1.07	1.04	1.23	0.53	0.42	0.71	1.37	8.97	13.48	4.35	3.40	1.69		
12	1.01	1.01	1.04	0.62	0.40	0.68	1.46	4.45	8.00	4.30	3.75	1.96		
13	1.01	0.98	0.95	0.71	0.42	0.65	3.70	3.45	6.95	4.05	5.00	1.78		
14	0.98	0.95	1.01	1.46	0.71	0.68	4.45	6.90	41.20	3.80	6.25	1.69		
15	0.95	0.92	0.89	0.98	0.77	0.86	10.55	3.45	49.20	3.70	4.05	1.55		
16	0.95	0.92	0.83	0.83	2.95	0.77	6.05	3.10	323.65	3.60	5.90	1.60		
17	0.98	1.10	0.98	0.89	1.14	0.68	1.69	2.15	121.20	3.40	3.80	1.60		
18	0.80	1.04	0.89	1.07	0.95	0.77	5.45	1.82	131.70	3.25	3.25	1.60		
19	0.74	1.10	0.92	0.95	0.86	1.04	6.05	1.73	57.85	3.20	2.95	1.55		
20	0.71	1.01	0.80	0.89	0.80	1.60	3.15	2.85	20.60	3.20	2.75	1.55		
21	0.71	0.98	0.77	0.92	0.77	1.10	3.90	5.45	13.55	3.05	2.55	1.69		
22	0.71	1.10	0.74	0.92	0.74	0.98	3.35	3.30	22.20	2.95	2.50	4.40		
23	0.71	1.04	0.71	0.86	0.71	0.95	9.88	3.25	54.70	2.85	2.40	3.70		
24	0.95	1.01	0.80	0.86	0.71	0.86	3.80	28.30	20.10	2.75	2.35	16.90		
25	0.83	0.95	0.80	0.74	0.83	0.80	3.85	119.10	14.50	2.70	2.30	11.60		
26	1.04	0.95	0.80	0.68	0.77	0.80	2.75	11.53	11.90	2.65	2.25	5.20		
27	1.37	0.98	0.74	0.65	0.83	1.01	4.35	6.60	10.55	2.60	2.20	22.40		
28	1.10	0.95	0.71	0.59	0.80	1.60	20.60	7.30	7.10	2.55	2.15	6.25		
29	1.14	0.89	0.68	0.56	0.89	1.10	6.10	6.50	7.05	2.45		4.40		
30	0.89	1.14	0.68	0.53	0.74	1.04	3.45	5.35	6.40	2.40		3.70		
31		1.14		0.50	0.80		2.65		6.05	2.35		3.45		
Total	29.44	29.55	26.32	23.12	23.43	26.53	124.43	275.24	1230.41	129.68	82.85	119.25	2120.25	CMSDAY
Mean	0.98	0.95	0.88	0.75	0.76	0.88	4.01	9.17	39.69	4.18	2.96	3.85	5.81	CMS
Max	1.37	1.33	1.23	1.46	2.95	1.60	20.60	119.10	323.65	9.65	6.25	22.40	323.65	CMS
Min	0.71	0.71	0.68	0.50	0.40	0.65	0.98	1.69	4.15	2.35	2.05	1.55	0.40	CMS
Runoff	2.54	2.55	2.27	2.00	2.02	2.29	10.75	23.78	106.31	11.20	7.16	10.30	183.19	MCM
Momentary Peak	486.00 CMS. at 7.95 m. (A.D.) at 12.00 Hours , on Dec 16 , 2005													
Runoff Yield	45.59 Liters/Second/Square KM. Momentary Peak Yield 3814.158 Liters/Second/Square KM.													



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.67	3.58	14.70	8.30	13.85	18.56	32.13	44.04	147.05	81.90	26.17	25.03		
2	3.67	3.31	17.12	7.85	26.55	16.76	43.08	46.25	119.00	72.60	25.41	24.08		
3	3.67	3.31	21.85	7.85	27.12	14.87	26.93	37.27	133.00	72.00	25.22	22.77		
4	3.58	3.31	23.70	8.00	20.74	13.00	32.13	42.60	163.00	82.23	24.65	21.85		
5	3.58	3.40	21.11	7.55	16.06	12.04	42.60	44.52	170.50	107.45	23.33	21.11		
6	3.58	3.40	30.90	7.85	13.00	17.12	34.86	50.50	160.55	98.00	22.40	20.18		
7	3.58	3.58	28.10	10.12	11.08	29.50	25.98	42.12	161.50	76.50	22.59	19.46		
8	3.85	3.49	19.82	9.80	9.80	22.59	27.50	39.30	178.15	112.35	21.85	19.10		
9	3.67	3.76	19.10	10.12	9.05	15.38	50.00	60.00	191.35	145.70	20.74	18.56		
10	3.58	3.94	39.98	9.35	8.30	12.68	55.00	63.30	212.70	143.90	20.55	17.84		
11	3.58	4.12	76.50	8.15	8.00	10.76	41.16	46.00	236.75	140.60	21.48	17.12		
12	3.58	5.18	58.25	7.40	7.70	9.80	46.75	35.49	249.00	133.00	23.15	16.58		
13	3.40	5.18	31.10	7.25	7.40	8.90	55.75	35.28	254.00	113.05	44.52	16.58		
14	3.31	5.05	20.74	9.80	7.40	8.15	39.07	56.50	252.00	92.05	58.75	16.23		
15	3.13	5.18	16.23	18.56	7.70	7.70	34.44	70.80	262.00	74.70	94.50	15.21		
16	3.13	6.18	13.85	24.08	9.35	7.40	66.90	53.50	392.90	63.90	151.10	14.70		
17	3.31	6.05	12.68	26.74	9.05	6.95	83.52	60.00	773.80	54.00	183.10	14.53		
18	3.13	9.35	21.30	44.76	8.00	7.55	67.20	42.36	797.40	49.00	193.00	15.21		
19	3.04	10.12	23.89	53.00	7.40	14.19	86.13	35.70	528.80	45.50	163.50	15.21		
20	2.95	10.44	20.37	41.88	6.95	44.04	114.45	43.56	384.50	42.60	104.30	14.36		
21	2.95	7.85	22.77	47.50	6.80	47.50	127.80	58.25	316.20	39.75	59.50	14.36		
22	2.86	6.43	18.02	52.00	6.80	30.10	146.15	60.90	274.90	37.72	44.28	14.70		
23	2.77	6.30	15.38	48.25	7.70	20.55	144.80	48.00	262.00	35.70	39.07	18.74		
24	2.77	5.80	13.34	44.52	8.15	16.06	129.40	74.70	244.25	34.02	35.07	18.92		
25	2.95	4.55	12.68	31.30	7.55	13.85	139.40	162.00	230.20	32.34	32.76	19.82		
26	3.40	4.55	13.00	23.70	9.96	22.40	152.45	202.00	207.10	34.65	30.50	17.30		
27	3.04	4.43	14.87	18.92	26.55	29.70	135.40	216.90	179.25	34.86	28.50	20.18		
28	3.40	4.12	12.36	15.89	27.31	30.50	98.70	219.70	153.35	31.92	26.74	27.90		
29	4.30	3.94	10.12	16.06	16.76	32.13	67.50	212.00	128.60	30.10		29.90		
30	4.03	4.43	9.05	12.20	15.55	24.84	52.25	185.85	107.45	28.50		23.70		
31		6.67		11.40	16.76		42.12		92.05	27.12		24.46		
Total	101.46	161.00	672.88	650.15	384.39	565.57	2241.55	2389.39	7963.30	2167.71	1566.73	595.69	19459.82	CMSDAY
Mean	3.38	5.19	22.43	20.97	12.40	18.85	72.31	79.65	256.88	69.93	55.95	19.22	53.31	CMS
Max	4.30	10.44	76.50	53.00	27.31	47.50	152.45	219.70	797.40	145.70	193.00	29.90	797.40	CMS
Min	2.77	3.31	9.05	7.25	6.80	6.95	25.98	35.28	92.05	27.12	20.55	14.36	2.77	CMS
Runoff	8.77	13.91	58.14	56.17	33.21	48.87	193.67	206.44	688.03	187.29	135.37	51.47	1681.33	MCM
Momentary Peak		961.00	CMS	at 9.69 m. (A.D.) at 21.00 Hours , on Dec 17 , 2005										
Runoff Yield		29.60	Liters/Second/Square KM.		Momentary Peak Yield	533.592	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.60	3.40	4.80	5.45	5.90	16.00	32.80	16.80	36.20	28.60	9.35	6.50		
2	3.50	3.30	4.30	5.00	6.20	16.20	56.25	16.80	31.80	26.20	9.20	6.50		
3	2.90	3.50	4.10	4.80	6.05	25.00	56.00	19.00	46.25	25.40	9.20	6.20		
4	4.00	3.20	3.90	4.70	5.75	19.20	26.40	63.50	36.20	26.20	8.90	6.05		
5	3.90	3.00	3.80	4.70	5.45	12.95	30.20	53.00	59.50	23.20	8.60	5.75		
6	3.10	2.90	4.00	4.90	4.90	10.70	19.20	55.00	96.70	21.40	8.45	5.60		
7	2.90	2.80	3.90	12.20	4.60	10.25	16.00	26.60	43.75	20.40	8.30	5.60		
8	2.80	3.10	5.60	9.80	4.40	9.20	22.00	21.20	43.00	19.60	8.00	5.30		
9	2.90	3.90	11.00	7.25	4.20	8.45	21.40	17.60	80.80	18.80	7.85	5.15		
10	5.60	9.65	36.00	5.75	3.90	7.70	15.80	16.60	115.90	18.40	7.55	5.15		
11	5.00	18.00	21.20	4.90	3.70	6.95	28.20	14.80	81.70	16.80	14.60	5.15		
12	4.00	10.40	11.00	4.70	3.80	5.75	27.20	29.40	46.00	17.40	10.40	5.00		
13	3.30	18.20	8.60	4.60	4.70	5.00	45.50	53.50	36.40	16.40	10.55	4.90		
14	2.90	8.75	6.65	4.70	19.00	5.30	58.25	42.50	39.40	15.20	11.90	4.80		
15	2.70	6.65	5.00	15.40	11.60	4.80	67.90	46.50	64.25	14.40	11.45	4.80		
16	2.70	7.55	5.00	14.60	9.80	5.90	33.00	36.80	149.90	13.70	17.20	4.80		
17	2.80	16.80	13.55	12.05	8.60	12.80	38.00	25.40	282.75	13.40	13.85	4.70		
18	2.60	10.85	14.00	18.20	6.95	77.80	42.75	21.40	320.60	13.10	10.55	4.60		
19	2.50	22.00	10.10	15.00	6.20	68.80	42.00	21.20	314.20	12.65	9.65	4.50		
20	2.50	11.45	12.80	12.50	5.90	52.00	28.80	23.00	190.60	12.50	8.90	4.50		
21	2.50	7.85	18.60	18.20	5.60	38.40	24.00	31.80	90.70	12.05	8.45	4.50		
22	2.30	9.35	12.35	16.60	5.75	31.00	25.40	21.40	78.70	11.75	8.15	7.10		
23	2.30	7.25	9.80	15.40	5.60	27.80	36.40	17.40	166.55	11.45	8.00	7.25		
24	2.30	8.15	8.45	12.35	5.00	26.00	24.80	91.60	122.90	11.15	7.70	8.90		
25	3.10	8.15	7.10	10.10	4.40	26.20	37.60	223.60	67.90	11.00	7.40	28.80		
26	3.80	6.35	12.65	8.75	4.30	33.40	29.40	185.90	48.75	10.55	7.10	22.60		
27	4.00	4.90	9.35	7.70	4.20	28.00	31.80	81.40	46.75	10.25	6.65	36.20		
28	3.60	4.50	6.80	6.50	6.80	28.40	24.60	94.30	48.50	9.95	6.50	14.20		
29	3.50	4.40	5.60	5.60	9.20	28.60	22.00	47.00	36.80	9.80		10.10		
30	3.50	4.30	5.15	5.30	14.60	28.40	23.40	33.60	33.00	9.65		11.90		
31		7.25		5.30	20.40		18.20		33.40	9.50		13.25		
Total	97.10	241.85	285.15	283.00	217.45	676.95	1005.25	1448.60	2889.85	490.85	264.40	270.35	8170.80	CMSDAY
Mean	3.24	7.80	9.51	9.13	7.01	22.57	32.43	48.29	93.22	15.83	9.44	8.72	22.39	CMS
Max	5.60	22.00	36.00	18.20	20.40	77.80	67.90	223.60	320.60	28.60	17.20	36.20	320.60	CMS
Min	2.30	2.80	3.80	4.60	3.70	4.80	15.80	14.80	31.80	9.50	6.50	4.50	2.30	CMS
Runoff	8.39	20.90	24.64	24.45	18.79	58.49	86.85	125.16	249.68	42.41	22.84	23.36	705.96	MCM
Momentary Peak	325.40 CMS. at 8.34 m. (A.D.) on 09.00 Hours , on Dec 18 , 2005													
Runoff Yield	46.61 Liters/Second/Square KM.			Momentary Peak Yield 677.564 Liters/Second/Square KM.										

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Ta Kuaw Pa at Ban Talat Kao , Phangnga (X.186)

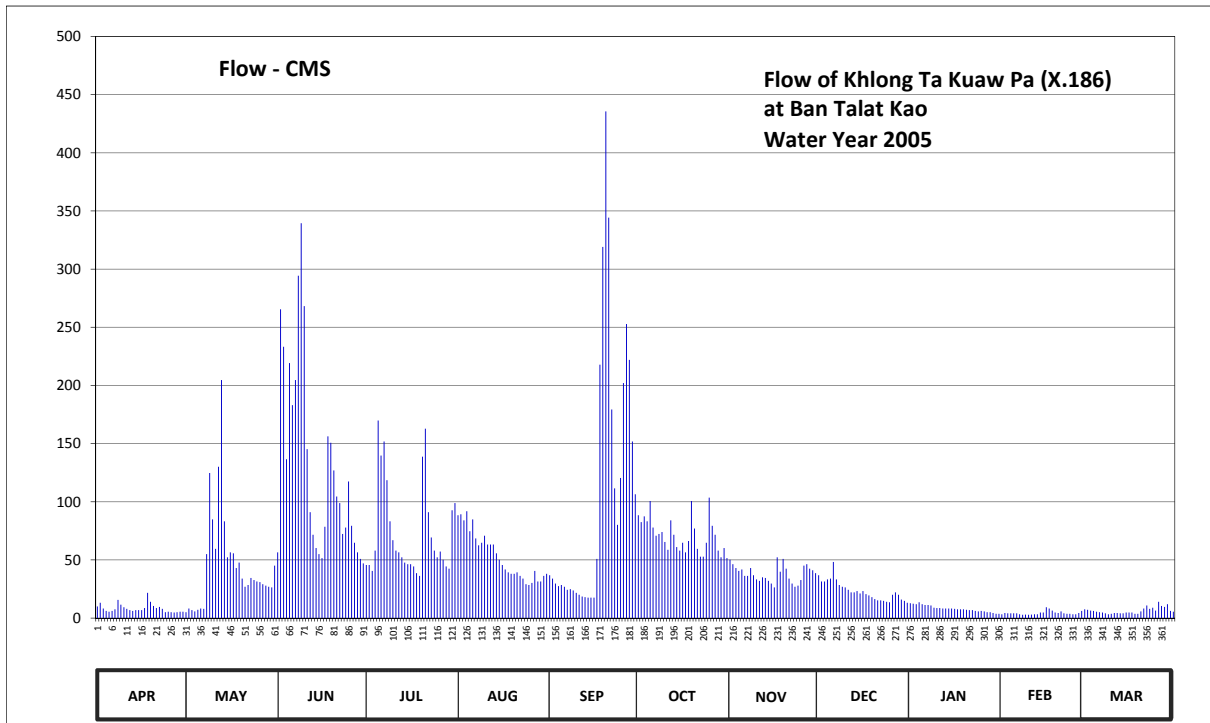
Lat 08 - 49 - 47 N Long 98 - 22 - 17 E

Location : on left bank at Ban Talat Kao.

	Ban	Talat Kao	Amphoe	Ta Kuaw Pa	Changwat	Phangnga
Drainage Area	734	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	-0.347	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 10 meters from the top staff gage.				Elevation	+4.580 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1996 to date					
Rating Operation						
Period of Rating	2003 to date					
Rated by Flot	-					
Rated by Current Meter	2003 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 53 discharge measurements made in 2005.					

Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.26	1.24	1.08	1.65	0.94	1.65	1.15	0.94	0.47	0.21	0.33	
2	0.48	0.35	3.16	1.08	1.66	0.89	1.58	1.09	0.85	0.46	0.24	0.32	
3	0.35	0.31	2.93	1.00	1.60	0.82	1.64	1.04	0.85	0.45	0.23	0.30	
4	0.29	0.28	2.14	1.26	1.69	0.78	1.59	1.00	0.88	0.49	0.23	0.29	
5	0.27	0.32	2.83	2.44	1.48	0.80	1.79	1.02	0.89	0.45	0.23	0.27	
6	0.29	0.35	2.55	2.17	1.61	0.77	1.52	0.93	1.12	0.43	0.23	0.26	
7	0.33	0.34	2.72	2.28	1.40	0.72	1.43	0.93	0.88	0.43	0.21	0.25	
8	0.54	1.22	3.35	1.97	1.32	0.73	1.45	1.04	0.80	0.42	0.19	0.23	
9	0.44	2.03	3.64	1.59	1.35	0.71	1.47	0.94	0.77	0.37	0.20	0.21	
10	0.38	1.61	3.18	1.38	1.43	0.67	1.36	0.88	0.76	0.36	0.19	0.22	
11	0.34	1.28	2.22	1.26	1.33	0.64	1.27	0.86	0.72	0.36	0.20	0.24	
12	0.31	2.08	1.68	1.24	1.33	0.61	1.60	0.91	0.68	0.35	0.21	0.24	
13	0.29	2.72	1.44	1.18	1.33	0.60	1.44	0.90	0.68	0.35	0.21	0.23	
14	0.31	1.59	1.29	1.11	1.23	0.59	1.30	0.86	0.70	0.35	0.25	0.23	
15	0.31	1.18	1.22	1.09	1.15	0.59	1.26	0.82	0.66	0.35	0.25	0.25	
16	0.31	1.24	1.17	1.09	1.08	0.59	1.35	0.76	0.70	0.34	0.38	0.25	
17	0.36	1.23	1.53	1.06	1.02	1.16	1.24	1.18	0.65	0.33	0.35	0.25	
18	0.67	1.04	2.32	0.97	0.98	2.82	1.37	0.99	0.63	0.33	0.30	0.22	
19	0.50	1.11	2.27	0.93	0.96	3.51	1.79	1.16	0.60	0.33	0.25	0.22	
20	0.41	0.89	2.05	2.16	0.96	4.22	1.51	1.03	0.56	0.32	0.24	0.28	
21	0.36	0.77	1.83	2.38	0.98	3.67	1.28	0.89	0.53	0.31	0.28	0.35	
22	0.39	0.80	1.77	1.68	0.93	2.52	1.19	0.82	0.53	0.31	0.23	0.42	
23	0.34	0.90	1.45	1.41	0.89	1.90	1.19	0.77	0.52	0.29	0.22	0.34	
24	0.26	0.87	1.52	1.26	0.81	1.55	1.35	0.79	0.50	0.28	0.22	0.37	
25	0.27	0.85	1.96	1.18	0.80	1.99	1.82	0.87	0.49	0.29	0.21	0.30	
26	0.26	0.84	1.54	1.25	0.83	2.70	1.54	1.07	0.64	0.28	0.21	0.50	
27	0.25	0.81	1.35	1.15	1.00	3.07	1.44	1.09	0.68	0.26	0.24	0.41	
28	0.26	0.79	1.24	1.06	0.85	2.85	1.26	1.03	0.64	0.26	0.29	0.39	
29	0.27	0.77	1.16	1.03	0.85	2.28	1.18	1.01	0.55	0.24		0.45	
30	0.27	0.76	1.10	1.70	0.93	1.85	1.29	0.97	0.52	0.22		0.29	
31		1.07		1.77	0.96		1.17		0.48	0.22		0.27	
Mean	0.35	0.99	2.00	1.43	1.17	1.58	1.43	0.96	0.69	0.35	0.24	0.30	
Max	0.67	2.72	3.64	2.44	1.69	4.22	1.82	1.18	1.12	0.49	0.38	0.50	4.22
Min	0.25	0.26	1.10	0.93	0.80	0.59	1.17	0.76	0.48	0.22	0.19	0.21	0.19
Annual Max Momentary Gage Height	4.34		m. (MSL.) ,				at 15.00 Hours , on Sep 20 , 2005						
Zero Gage at Bottom Elevation	-0.35		m. (MSL.) ,				River Bed -0.50		m. (MSL.)				
Left Bank Elevation		5.77		m. (MSL.) ,									
Right Bank Elevation		5.82		m. (MSL.) ,			Drainage Are	734		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.00	5.10	56.50	45.70	88.37	36.90	88.37	50.25	36.90	12.80	3.35	7.55		
2	13.20	8.25	265.40	45.70	89.25	33.90	82.45	46.35	31.50	12.40	4.40	7.20		
3	8.25	6.85	233.20	40.50	84.00	29.70	87.50	43.10	31.50	12.00	4.05	6.50		
4	6.15	5.80	136.55	58.00	91.88	27.45	83.22	40.50	33.30	13.60	4.05	6.15		
5	5.45	7.20	219.20	169.80	74.70	28.50	100.62	41.80	33.90	12.00	4.05	5.45		
6	6.15	8.25	183.00	139.78	84.87	26.92	77.80	36.30	48.30	11.20	4.05	5.10		
7	7.55	7.90	204.60	151.80	68.50	24.30	70.82	36.30	33.30	11.20	3.35	4.75		
8	15.60	55.00	294.25	118.50	62.50	24.82	72.38	43.10	28.50	10.80	2.85	4.05		
9	11.60	124.72	339.40	83.22	64.75	23.77	73.93	36.90	26.92	8.95	3.00	3.35		
10	9.30	84.87	268.20	67.00	70.82	21.67	65.50	33.30	26.40	8.60	2.85	3.70		
11	7.90	59.50	145.20	58.00	63.25	20.10	58.75	32.10	24.30	8.60	3.00	4.40		
12	6.85	130.10	91.00	56.50	63.25	18.52	84.00	35.10	22.20	8.25	3.35	4.40		
13	6.15	204.60	71.60	52.20	63.25	18.00	71.60	34.50	22.20	8.25	3.35	4.05		
14	6.85	83.22	60.25	47.65	55.75	17.60	61.00	32.10	23.25	8.25	4.75	4.05		
15	6.85	52.20	55.00	46.35	50.25	17.60	58.00	29.70	21.15	8.25	4.75	4.75		
16	6.85	56.50	51.55	46.35	45.70	17.60	64.75	26.40	23.25	7.90	9.30	4.75		
17	8.60	55.75	78.57	44.40	41.80	50.90	56.50	52.20	20.62	7.55	8.25	4.75		
18	21.67	43.10	156.20	38.70	39.30	217.80	66.25	39.90	19.57	7.55	6.50	3.70		
19	14.00	47.65	150.70	36.30	38.10	319.05	100.62	50.90	18.00	7.55	4.75	3.70		
20	10.40	33.90	126.87	138.70	38.10	435.50	77.02	42.45	16.40	7.20	4.40	5.80		
21	8.60	26.92	104.50	162.80	39.30	344.20	59.50	33.90	15.20	6.85	5.80	8.25		
22	9.65	28.50	98.87	91.00	36.30	179.40	52.85	29.70	15.20	6.85	4.05	10.80		
23	7.90	34.50	72.38	69.27	33.90	111.50	52.85	26.92	14.80	6.15	3.70	7.90		
24	5.10	32.70	77.80	58.00	29.10	80.12	64.75	27.97	14.00	5.80	3.70	8.95		
25	5.45	31.50	117.50	52.20	28.50	120.50	103.50	32.70	13.60	6.15	3.35	6.50		
26	5.10	30.90	79.35	57.25	30.30	202.00	79.35	45.05	20.10	5.80	3.35	14.00		
27	4.75	29.10	64.75	50.25	40.50	252.80	71.60	46.35	22.20	5.10	4.40	10.40		
28	5.10	27.97	56.50	44.40	31.50	222.00	58.00	42.45	20.10	5.10	6.15	9.65		
29	5.45	26.92	50.90	42.45	31.50	151.80	52.20	41.15	16.00	4.40		12.00		
30	5.45	26.40	47.00	92.75	36.30	106.50	60.25	38.70	14.80	3.70		6.15		
31		45.05		98.87	38.10		51.55		13.20	3.70		5.45		
Total	251.92	1420.92	3956.79	2304.39	1653.69	3181.42	2207.48	1148.14	720.66	252.50	122.90	198.20	17419.01	CMSDAY
Mean	8.40	45.84	131.89	74.34	53.34	106.05	71.21	38.27	23.25	8.15	4.39	6.39	47.72	CMS
Max	21.67	204.60	339.40	169.80	91.88	435.50	103.50	52.20	48.30	13.60	9.30	14.00	435.50	CMS
Min	4.75	5.10	47.00	36.30	28.50	17.60	51.55	26.40	13.20	3.70	2.85	3.35	2.85	CMS
Runoff	21.77	122.77	341.87	199.10	142.88	274.88	190.73	99.20	62.27	21.82	10.62	17.12	1505.00	MCM
Momentary Peak	456.50	CMS.	at 4.34 m. (MSL.)	at 15.00 Hours	, on Sep 20	, 2005								
Runoff Yield	65.02	Liters/Second/Square KM.			Momentary Peak Yield	621.935	Liters/Second/Square KM.							

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Ta Kuaw Pa at Ban Hin Dan , Phangnga (X.187)

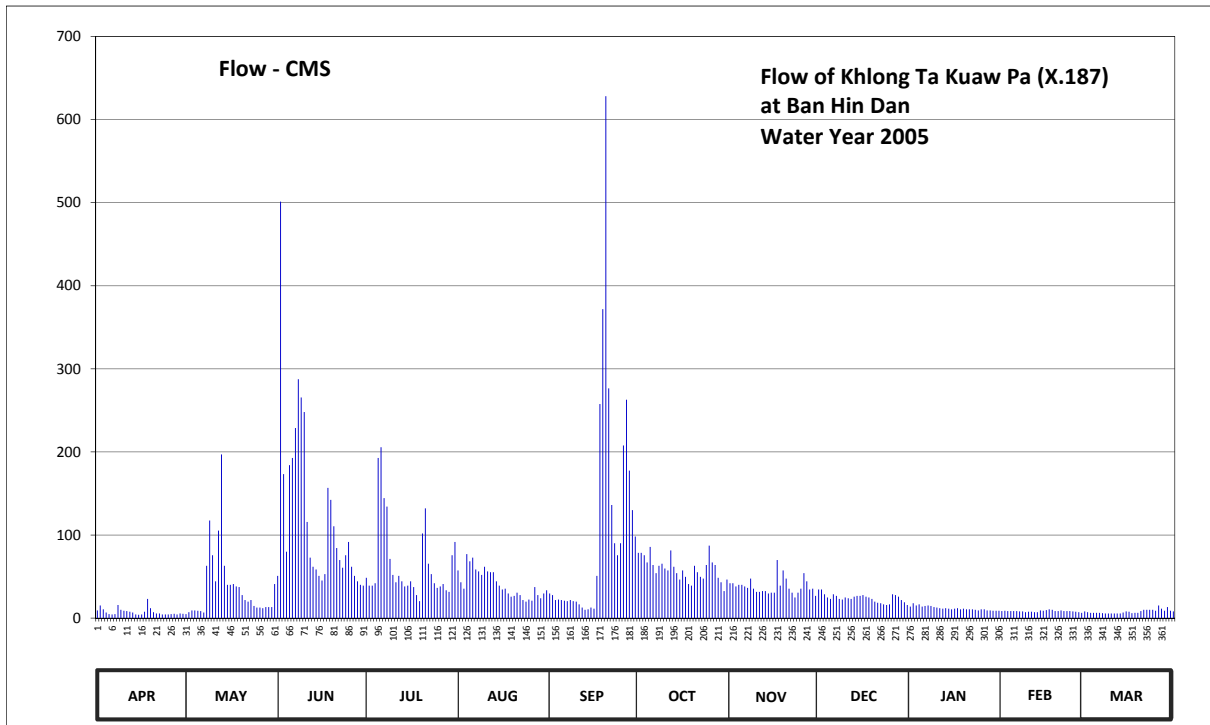
Lat 08 - 46 - 25 N Long 98 - 23 - 36 E

Location : on left bank at the bridge on Surat Thanu - Phang Nga Highway.

	Ban	Hin Dan	Amphoe	Ta Kuaw Pa	Changwat	Phangnga
Drainage Area	546	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 4 meters from the top staff gage.				Elevation	+9.230 m. (MSL.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings					
Period of Available Gage Records	1996 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 55 discharge measurements made in 2005.					

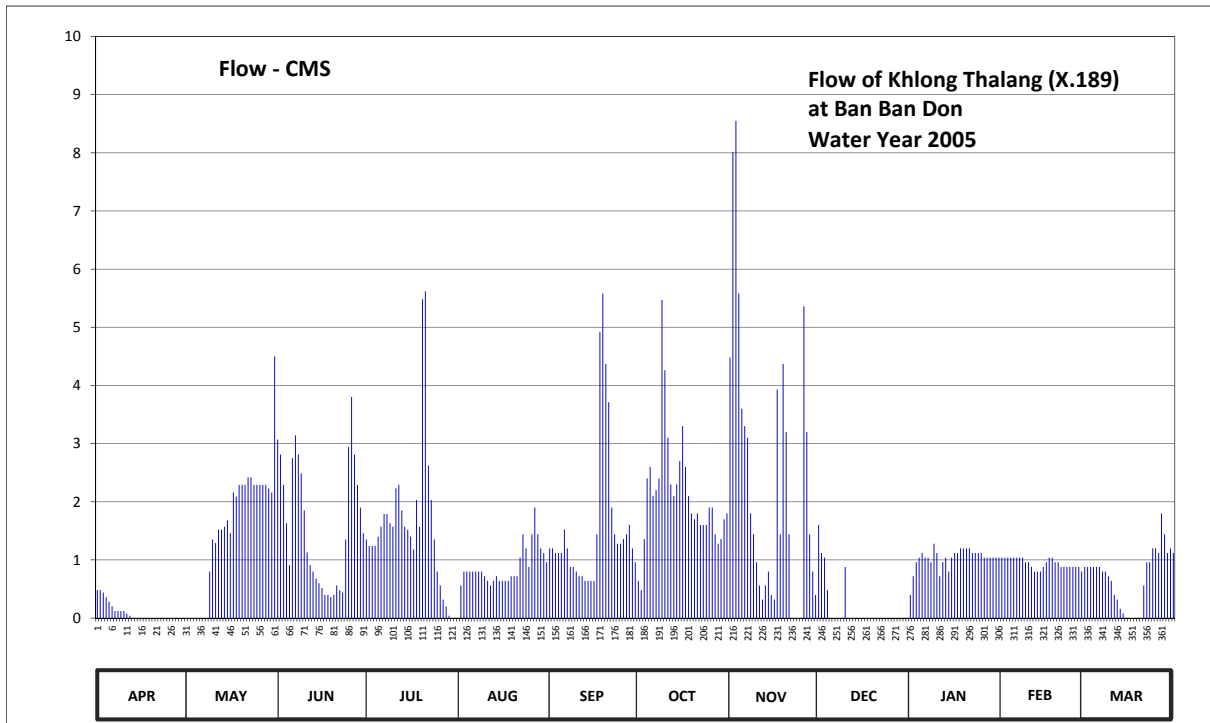
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.98	5.87	6.48	6.46	6.54	6.27	6.70	6.40	6.32	6.06	5.96	5.95	
2	6.08	5.93	8.31	6.37	6.41	6.25	6.70	6.40	6.32	6.12	5.97	5.93	
3	6.01	5.98	7.22	6.37	6.33	6.18	6.68	6.36	6.26	6.08	5.96	5.91	
4	5.92	5.98	6.71	6.40	6.69	6.19	6.62	6.38	6.22	6.10	5.96	5.91	
5	5.87	5.97	7.27	7.31	6.63	6.18	6.75	6.38	6.20	6.06	5.96	5.91	
6	5.86	5.96	7.31	7.37	6.66	6.17	6.60	6.36	6.26	6.07	5.96	5.91	
7	5.87	5.92	7.47	7.08	6.55	6.16	6.51	6.34	6.24	6.08	5.95	5.90	
8	6.09	6.59	7.70	7.03	6.53	6.18	6.59	6.45	6.20	6.07	5.95	5.89	
9	6.00	6.94	7.62	6.65	6.49	6.16	6.61	6.33	6.19	6.05	5.93	5.89	
10	5.97	6.68	7.55	6.49	6.58	6.15	6.56	6.29	6.22	6.04	5.94	5.89	
11	5.96	6.42	6.93	6.41	6.53	6.10	6.54	6.29	6.21	6.03	5.94	5.89	
12	5.94	6.87	6.66	6.48	6.52	6.04	6.72	6.30	6.20	6.02	5.93	5.89	
13	5.92	7.33	6.58	6.42	6.52	6.00	6.58	6.30	6.23	6.03	5.93	5.89	
14	5.86	6.59	6.55	6.36	6.42	6.01	6.51	6.27	6.24	6.02	5.98	5.92	
15	5.85	6.38	6.48	6.37	6.37	6.04	6.44	6.28	6.24	6.01	5.97	5.95	
16	5.86	6.38	6.43	6.42	6.32	6.02	6.54	6.28	6.25	6.02	5.99	5.94	
17	5.94	6.39	6.50	6.35	6.33	6.48	6.47	6.64	6.23	6.03	6.01	5.90	
18	6.20	6.36	7.14	6.25	6.27	7.59	6.39	6.37	6.22	6.01	6.00	5.91	
19	6.03	6.35	7.07	6.16	6.23	7.98	6.37	6.54	6.20	6.02	5.96	5.91	
20	5.93	6.25	6.90	6.85	6.24	8.58	6.59	6.45	6.15	6.01	5.96	5.96	
21	5.89	6.18	6.74	7.02	6.28	7.66	6.52	6.33	6.13	6.01	5.98	6.00	
22	5.89	6.15	6.64	6.61	6.25	7.04	6.47	6.28	6.12	6.01	5.96	6.00	
23	5.86	6.18	6.57	6.50	6.18	6.78	6.45	6.22	6.10	6.00	5.96	6.00	
24	5.86	6.07	6.68	6.40	6.15	6.68	6.60	6.28	6.09	5.98	5.96	6.00	
25	5.86	6.04	6.79	6.34	6.19	6.78	6.76	6.33	6.10	6.01	5.95	5.97	
26	5.87	6.04	6.58	6.36	6.17	7.38	6.62	6.51	6.26	6.01	5.94	6.08	
27	5.88	6.03	6.48	6.39	6.35	7.61	6.60	6.42	6.25	5.98	5.93	6.02	
28	5.86	6.05	6.42	6.31	6.25	7.24	6.46	6.32	6.23	5.98	5.91	5.97	
29	5.89	6.05	6.38	6.29	6.21	7.01	6.41	6.33	6.18	5.97	5.97	6.05	
30	5.88	6.05	6.37	6.68	6.27	6.83	6.30	6.24	6.14	5.97	5.97	5.97	
31		6.39		6.79	6.31		6.44		6.09	5.97		5.95	
Mean	5.93	6.27	6.88	6.56	6.38	6.66	6.55	6.36	6.20	6.03	5.96	5.94	
Max	6.20	7.33	8.31	7.37	6.69	8.58	6.76	6.64	6.32	6.12	6.01	6.08	8.58
Min	5.85	5.87	6.37	6.16	6.15	6.00	6.30	6.22	6.09	5.97	5.91	5.89	5.85
Annual Max Momentary Gage Height	8.63		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	5.00		m. (MSL.) ,			River Bed	5.22	m. (MSL.)					
Left Bank Elevation		11.70	m. (MSL.) ,										
Right Bank Elevation		11.77	m. (MSL.) ,			Drainage Are	546	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	9.20	4.80	50.80	48.60	57.40	29.65	78.50	42.00	34.40	13.90	8.40	8.00		
2	15.20	7.20	501.20	39.15	43.10	27.75	78.50	42.00	34.40	17.80	8.80	7.20		
3	10.65	9.20	173.30	39.15	35.35	21.70	75.60	38.20	28.70	15.20	8.40	6.40		
4	6.80	9.20	79.95	42.00	77.05	22.35	66.90	40.10	24.90	16.50	8.40	6.40		
5	4.80	8.80	184.05	192.65	68.35	21.70	85.75	40.10	23.00	13.90	8.40	6.40		
6	4.40	8.40	192.65	205.55	72.70	21.05	64.00	38.20	28.70	14.55	8.40	6.40		
7	4.80	6.80	228.80	144.40	58.50	20.40	54.10	36.30	26.80	15.20	8.00	6.00		
8	15.85	62.90	287.50	134.15	56.30	21.70	62.90	47.50	23.00	14.55	8.00	5.60		
9	10.00	117.50	265.50	71.25	51.90	20.40	65.45	35.35	22.35	13.25	7.20	5.60		
10	8.80	75.60	248.00	51.90	61.80	19.75	59.60	31.55	24.90	12.60	7.60	5.60		
11	8.40	44.20	115.75	43.10	56.30	16.50	57.40	31.55	23.95	11.95	7.60	5.60		
12	7.60	105.25	72.70	50.80	55.20	12.60	81.40	32.50	23.00	11.30	7.20	5.60		
13	6.80	196.95	61.80	44.20	55.20	10.00	61.80	32.50	25.85	11.95	7.20	5.60		
14	4.40	62.90	58.50	38.20	44.20	10.65	54.10	29.65	26.80	11.30	9.20	6.80		
15	4.00	40.10	50.80	39.15	39.15	12.60	46.40	30.60	26.80	10.65	8.80	8.00		
16	4.40	40.10	45.30	44.20	34.40	11.30	57.40	30.60	27.75	11.30	9.60	7.60		
17	7.60	41.05	53.00	37.25	35.35	50.80	49.70	69.80	25.85	11.95	10.65	6.00		
18	23.00	38.20	156.70	27.75	29.65	257.60	41.05	39.15	24.90	10.65	10.00	6.40		
19	11.95	37.25	142.35	20.40	25.85	371.70	39.15	57.40	23.00	11.30	8.40	6.40		
20	7.20	27.75	110.50	101.75	26.80	628.10	62.90	47.50	19.75	10.65	8.40	8.40		
21	5.60	21.70	84.30	132.10	30.60	276.50	55.20	35.35	18.45	10.65	9.20	10.00		
22	5.60	19.75	69.80	65.45	27.75	136.20	49.70	30.60	17.80	10.65	8.40	10.00		
23	4.40	21.70	60.70	53.00	21.70	90.10	47.50	24.90	16.50	10.00	8.40	10.00		
24	4.40	14.55	75.60	42.00	19.75	75.60	64.00	30.60	15.85	9.20	8.40	10.00		
25	4.40	12.60	91.55	36.30	22.35	90.10	87.20	35.35	16.50	10.65	8.00	8.80		
26	4.80	12.60	61.80	38.20	21.05	207.70	66.90	54.10	28.70	10.65	7.60	15.20		
27	5.20	11.95	50.80	41.05	37.25	262.75	64.00	44.20	27.75	9.20	7.20	11.30		
28	4.40	13.25	44.20	33.45	27.75	177.60	48.60	34.40	25.85	9.20	6.40	8.80		
29	5.60	13.25	40.10	31.55	23.95	130.05	43.10	35.35	21.70	8.80		13.25		
30	5.20	13.25	39.15	75.60	29.65	98.25	32.50	26.80	19.10	8.80		8.80		
31		41.05		91.55	33.45		46.40		15.85	8.80		8.00		
Total	225.45	1139.80	3697.15	2055.85	1279.80	3153.15	1847.70	1144.20	742.85	367.05	232.25	244.15	16129.40	CMSDAY
Mean	7.51	36.77	123.24	66.32	41.28	105.11	59.60	38.14	23.96	11.84	8.29	7.88	44.19	CMS
Max	23.00	196.95	501.20	205.55	77.05	628.10	87.20	69.80	34.40	17.80	10.65	15.20	628.10	CMS
Min	4.00	4.80	39.15	20.40	19.75	10.00	32.50	24.90	15.85	8.80	6.40	5.60	4.00	CMS
Runoff	19.48	98.48	319.43	177.63	110.58	272.43	159.64	98.86	64.18	31.71	20.07	21.10	1393.58	MCM
Momentary Peak	655.10 CMS. at 8.63 m. (MSL.) at 12.00 Hours , on Sep 20 , 2005													
Runoff Yield	80.93 Liters/Second/Square KM. Momentary Peak Yield 1199.817 Liters/Second/Square KM.													



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.48	0.00	3.07	1.35	0.00	1.20	0.64	4.48	1.60	0.40	1.04	0.88	
2	0.48	0.00	2.81	1.24	0.56	1.20	0.48	8.01	1.12	0.72	1.04	0.88	
3	0.44	0.00	2.29	1.24	0.80	1.12	1.36	8.55	1.04	0.96	1.04	0.88	
4	0.36	0.00	1.63	1.24	0.80	1.12	2.40	5.58	0.48	1.04	1.04	0.88	
5	0.28	0.00	0.91	1.40	0.80	1.12	2.60	3.60	0.00	1.12	1.04	0.88	
6	0.20	0.00	2.75	1.57	0.80	1.52	2.10	3.30	0.00	1.04	1.04	0.88	
7	0.12	0.00	3.14	1.79	0.80	1.20	2.20	3.10	0.00	1.04	1.04	0.80	
8	0.12	0.00	2.81	1.79	0.80	0.88	2.40	1.80	0.00	0.96	1.04	0.80	
9	0.12	0.80	2.49	1.63	0.80	0.88	5.47	1.44	0.00	1.28	0.96	0.72	
10	0.12	1.35	1.85	1.57	0.72	0.80	4.26	0.96	0.88	1.12	0.96	0.64	
11	0.08	1.29	1.13	2.23	0.64	0.72	3.10	0.56	0.00	0.72	0.88	0.40	
12	0.04	1.52	0.91	2.29	0.56	0.72	2.30	0.32	0.00	0.96	0.80	0.32	
13	0.00	1.52	0.80	1.85	0.64	0.64	2.10	0.56	0.00	1.04	0.80	0.16	
14	0.00	1.57	0.68	1.57	0.72	0.64	2.30	0.80	0.00	0.80	0.80	0.08	
15	0.00	1.68	0.60	1.52	0.64	0.64	2.70	0.40	0.00	1.04	0.88	0.00	
16	0.00	1.46	0.52	1.40	0.64	0.64	3.30	0.32	0.00	1.12	0.96	0.00	
17	0.00	2.16	0.40	1.18	0.64	1.44	2.60	3.93	0.00	1.12	1.04	0.00	
18	0.00	2.09	0.40	2.03	0.64	4.92	2.10	1.44	0.00	1.20	1.04	0.00	
19	0.00	2.29	0.36	1.57	0.72	5.58	1.80	4.37	0.00	1.20	0.96	0.00	
20	0.00	2.29	0.40	5.48	0.72	4.37	1.70	3.20	0.00	1.20	0.96	0.00	
21	0.00	2.29	0.56	5.62	0.72	3.71	1.80	1.44	0.00	1.20	0.88	0.56	
22	0.00	2.42	0.48	2.62	1.04	1.90	1.60	0.00	0.00	1.12	0.88	0.96	
23	0.00	2.42	0.44	2.03	1.44	1.44	1.60	0.00	0.00	1.12	0.88	0.96	
24	0.00	2.29	1.35	1.35	1.20	1.28	1.60	0.00	0.00	1.12	0.88	1.20	
25	0.00	2.29	2.94	0.80	0.88	1.28	1.90	0.00	0.00	1.12	0.88	1.20	
26	0.00	2.29	3.80	0.56	1.44	1.36	1.90	5.36	0.00	1.04	0.88	1.12	
27	0.00	2.29	2.81	0.32	1.90	1.44	1.44	3.20	0.00	1.04	0.88	1.80	
28	0.00	2.29	2.29	0.20	1.44	1.60	1.28	1.44	0.00	1.04	0.80	1.44	
29	0.00	2.23	1.90	0.04	1.20	1.20	1.36	0.80	0.00	1.04		1.12	
30	0.00	2.16	1.46	0.00	1.12	0.96	1.70	0.40	0.00	1.04		1.20	
31		4.50		0.00	0.96		1.80		0.00	1.04		1.12	
Total	2.84	47.49	47.98	49.48	26.78	47.52	65.89	69.36	5.12	32.00	26.32	21.88	442.66 CMSDAY
Mean	0.09	1.53	1.60	1.60	0.86	1.58	2.13	2.31	0.17	1.03	0.94	0.71	1.21 CMS
Max	0.48	4.50	3.80	5.62	1.90	5.58	5.47	8.55	1.60	1.28	1.04	1.80	8.55 CMS
Min	0.00	0.00	0.36	0.00	0.00	0.64	0.48	0.00	0.00	0.40	0.80	0.00	0.00 CMS
Runoff	0.25	4.10	4.15	4.28	2.31	4.11	5.69	5.99	0.44	2.77	2.27	1.89	38.25 MCM
Momentary Peak	9.17	CMS. at 2.25 m. (MSL.) at 18.00 Hours , on Nov 2 , 2005											
Runoff Yield	26.90	Liters/Second/Square KM. Momentary Peak Yield 203.416 Liters/Second/Square KM.											

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Bang Yai at Satree Phuket School , Phuket (X.191)

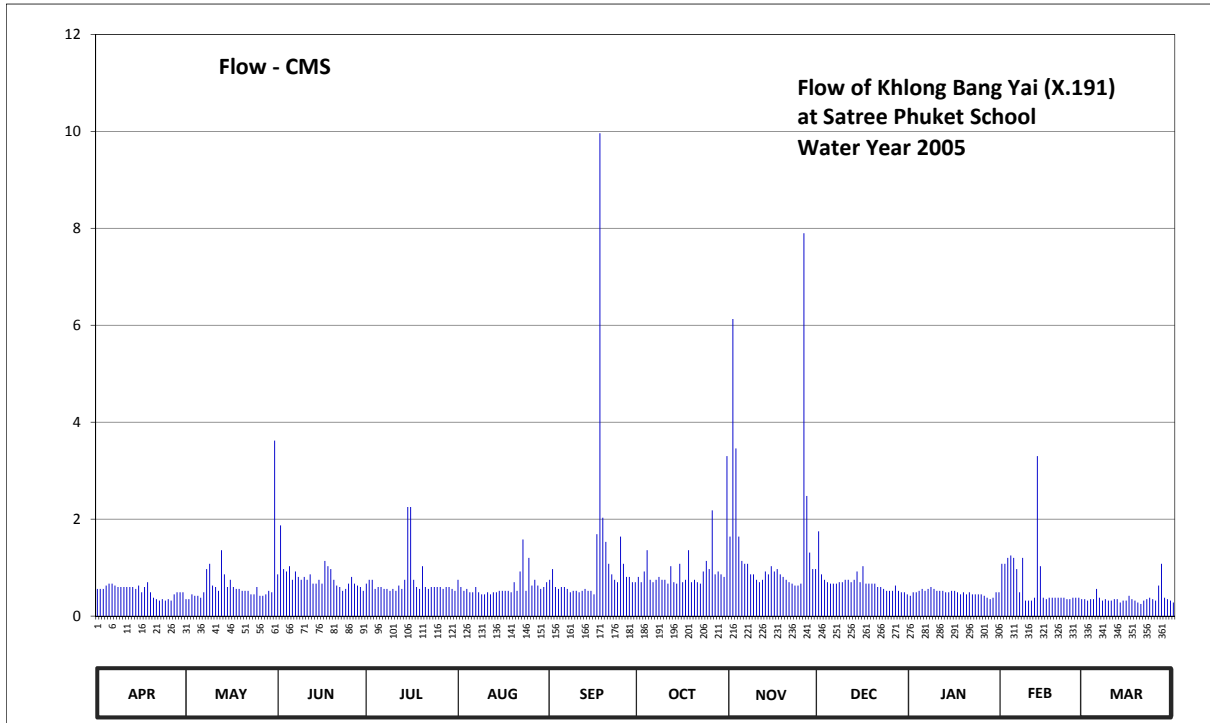
Lat 07 - 53 - 20 N Long 98 - 23 - 40 E

Location : on left bank at Satree Phuket School.

	Ban	-	Amphoe	Mueang	Changwat	Phuket
Drainage Area	54	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+1.417	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 8 meters from the top staff gage.				Elevation	+4.830 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings					
Period of Available Gage Records	1996 to date					
Rating Operation						
Period of Rating	1996 to date					
Rated by Flot	-					
Rated by Current Meter	1996 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 47 discharge measurements made in 2005.					

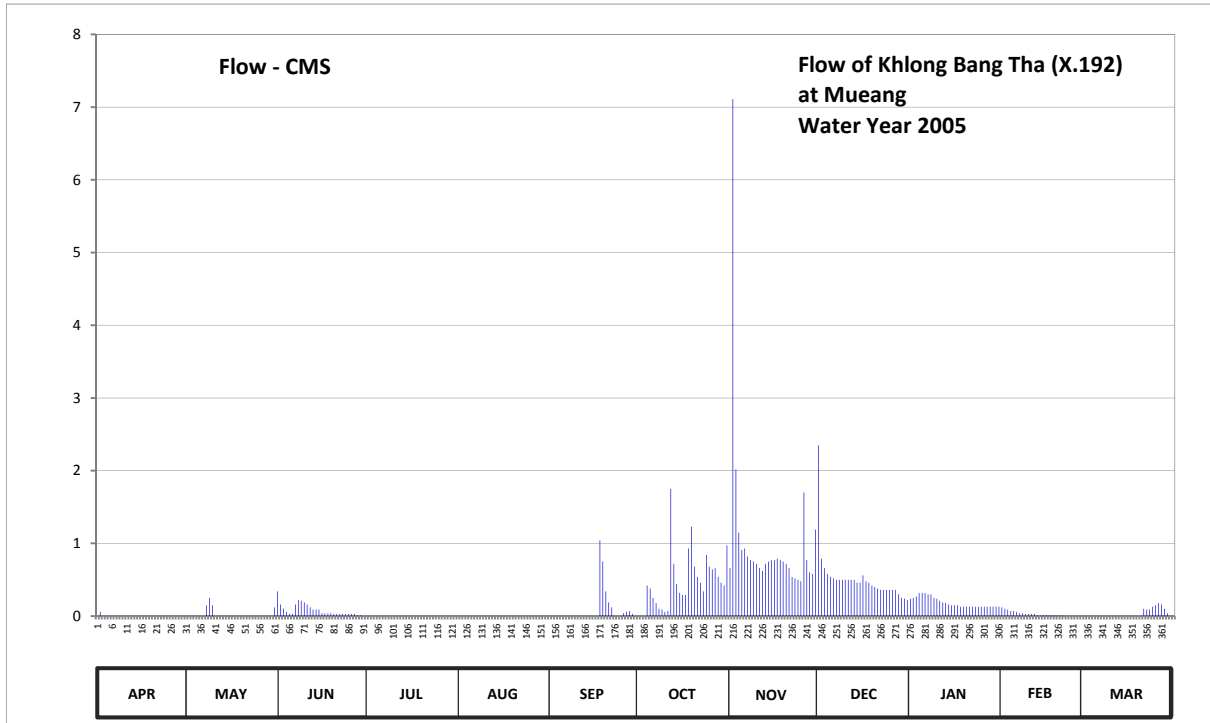
Gage Height in Meter (MSL.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.56	1.50	1.63	1.59	1.61	1.61	1.62	1.77	1.79	1.52	1.67	1.50	
2	1.56	1.50	1.81	1.61	1.57	1.65	1.60	2.33	1.63	1.54	1.67	1.49	
3	1.56	1.53	1.65	1.61	1.55	1.57	1.64	2.02	1.61	1.54	1.69	1.50	
4	1.58	1.52	1.64	1.56	1.56	1.56	1.72	1.77	1.60	1.55	1.70	1.50	
5	1.59	1.52	1.66	1.57	1.54	1.57	1.61	1.68	1.59	1.56	1.69	1.56	
6	1.59	1.51	1.61	1.57	1.54	1.57	1.60	1.67	1.59	1.55	1.65	1.51	
7	1.58	1.54	1.64	1.56	1.57	1.56	1.61	1.67	1.59	1.56	1.54	1.49	
8	1.57	1.65	1.62	1.56	1.54	1.54	1.62	1.63	1.60	1.57	1.69	1.50	
9	1.57	1.67	1.61	1.55	1.53	1.55	1.61	1.63	1.60	1.56	1.49	1.49	
10	1.57	1.58	1.62	1.56	1.53	1.55	1.61	1.61	1.61	1.55	1.49	1.49	
11	1.57	1.57	1.61	1.55	1.54	1.54	1.59	1.60	1.61	1.55	1.49	1.50	
12	1.57	1.55	1.63	1.58	1.53	1.55	1.66	1.61	1.60	1.55	1.51	1.50	
13	1.57	1.72	1.59	1.56	1.54	1.56	1.60	1.64	1.61	1.54	2.00	1.48	
14	1.56	1.63	1.59	1.61	1.54	1.55	1.59	1.63	1.64	1.54	1.66	1.49	
15	1.58	1.57	1.61	1.86	1.55	1.55	1.67	1.66	1.60	1.55	1.51	1.49	
16	1.54	1.61	1.59	1.86	1.55	1.53	1.60	1.64	1.66	1.55	1.50	1.52	
17	1.57	1.57	1.68	1.61	1.55	1.78	1.61	1.65	1.59	1.54	1.51	1.50	
18	1.60	1.56	1.66	1.57	1.55	2.71	1.72	1.63	1.59	1.53	1.51	1.49	
19	1.54	1.56	1.65	1.56	1.54	1.83	1.60	1.62	1.59	1.54	1.51	1.48	
20	1.51	1.55	1.61	1.66	1.60	1.75	1.61	1.61	1.59	1.53	1.51	1.47	
21	1.50	1.55	1.58	1.57	1.55	1.67	1.60	1.60	1.57	1.54	1.51	1.49	
22	1.49	1.55	1.57	1.56	1.64	1.63	1.59	1.59	1.57	1.53	1.51	1.50	
23	1.50	1.53	1.55	1.57	1.76	1.61	1.64	1.58	1.56	1.53	1.50	1.51	
24	1.49	1.53	1.56	1.57	1.55	1.60	1.68	1.58	1.55	1.53	1.50	1.50	
25	1.50	1.57	1.59	1.57	1.69	1.77	1.65	1.59	1.55	1.53	1.51	1.49	
26	1.49	1.52	1.62	1.57	1.58	1.67	1.85	2.51	1.55	1.52	1.51	1.58	
27	1.53	1.52	1.59	1.56	1.61	1.62	1.63	1.89	1.58	1.51	1.51	1.67	
28	1.54	1.53	1.58	1.57	1.58	1.62	1.64	1.71	1.55	1.50	1.50	1.51	
29	1.54	1.55	1.57	1.57	1.56	1.60	1.63	1.65	1.54	1.51		1.50	
30	1.54	1.54	1.55	1.56	1.57	1.60	1.62	1.65	1.54	1.54		1.49	
31		2.04		1.55	1.60		2.00		1.53	1.54		1.48	
Mean	1.55	1.58	1.62	1.59	1.57	1.65	1.65	1.71	1.59	1.54	1.57	1.51	
Max	1.60	2.04	1.81	1.86	1.76	2.71	2.00	2.51	1.79	1.57	2.00	1.67	2.71
Min	1.49	1.50	1.55	1.55	1.53	1.53	1.59	1.58	1.53	1.50	1.49	1.47	1.47
Annual Max Momentary Gage Height	2.95		m. (MSL.) ,				at 09.00 Hours ,						on Sep 18 , 2005
Zero Gage at Bottom Elevation	1.42		m. (MSL.) ,				River Bed	1.20		m. (MSL.)			
Left Bank Elevation		4.92		m. (MSL.) ,									
Right Bank Elevation		4.92		m. (MSL.) ,			Drainage Are	54		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.56	0.35	0.86	0.67	0.75	0.75	0.81	1.64	1.75	0.42	1.08	0.35	
2	0.56	0.35	1.87	0.75	0.60	0.97	0.70	6.13	0.86	0.49	1.08	0.32	
3	0.56	0.45	0.97	0.75	0.52	0.60	0.92	3.46	0.75	0.49	1.20	0.35	
4	0.63	0.42	0.92	0.56	0.56	0.56	1.36	1.64	0.70	0.52	1.25	0.35	
5	0.67	0.42	1.03	0.60	0.49	0.60	0.75	1.14	0.67	0.56	1.20	0.56	
6	0.67	0.38	0.75	0.60	0.49	0.60	0.70	1.08	0.67	0.52	0.97	0.38	
7	0.63	0.49	0.92	0.56	0.60	0.56	0.75	1.08	0.67	0.56	0.49	0.32	
8	0.60	0.97	0.81	0.56	0.49	0.49	0.81	0.86	0.70	0.60	1.20	0.35	
9	0.60	1.08	0.75	0.52	0.45	0.52	0.75	0.86	0.70	0.56	0.32	0.32	
10	0.60	0.63	0.81	0.56	0.45	0.52	0.75	0.75	0.75	0.52	0.32	0.32	
11	0.60	0.60	0.75	0.52	0.49	0.49	0.67	0.70	0.75	0.52	0.32	0.35	
12	0.60	0.52	0.86	0.63	0.45	0.52	1.03	0.75	0.70	0.52	0.38	0.35	
13	0.60	1.36	0.67	0.56	0.49	0.56	0.70	0.92	0.75	0.49	3.30	0.28	
14	0.56	0.86	0.67	0.75	0.49	0.52	0.67	0.86	0.92	0.49	1.03	0.32	
15	0.63	0.60	0.75	2.25	0.52	0.52	1.08	1.03	0.70	0.52	0.38	0.32	
16	0.49	0.75	0.67	2.25	0.52	0.45	0.70	0.92	1.03	0.52	0.35	0.42	
17	0.60	0.60	1.14	0.75	0.52	1.69	0.75	0.97	0.67	0.49	0.38	0.35	
18	0.70	0.56	1.03	0.60	0.52	9.96	1.36	0.86	0.67	0.45	0.38	0.32	
19	0.49	0.56	0.97	0.56	0.49	2.03	0.70	0.81	0.67	0.49	0.38	0.28	
20	0.38	0.52	0.75	1.03	0.70	1.53	0.75	0.75	0.67	0.45	0.38	0.25	
21	0.35	0.52	0.63	0.60	0.52	1.08	0.70	0.70	0.60	0.49	0.38	0.32	
22	0.32	0.52	0.60	0.56	0.92	0.86	0.67	0.67	0.60	0.45	0.38	0.35	
23	0.35	0.45	0.52	0.60	1.58	0.75	0.92	0.63	0.56	0.45	0.35	0.38	
24	0.32	0.45	0.56	0.60	0.52	0.70	1.14	0.63	0.52	0.45	0.35	0.35	
25	0.35	0.60	0.67	0.60	1.20	1.64	0.97	0.67	0.52	0.45	0.38	0.32	
26	0.32	0.42	0.81	0.60	0.63	1.08	2.18	7.90	0.52	0.42	0.38	0.63	
27	0.45	0.42	0.67	0.56	0.75	0.81	0.86	2.48	0.63	0.38	0.38	1.08	
28	0.49	0.45	0.63	0.60	0.63	0.81	0.92	1.31	0.52	0.35	0.35	0.38	
29	0.49	0.52	0.60	0.60	0.56	0.70	0.86	0.97	0.49	0.38		0.35	
30	0.49	0.49	0.52	0.56	0.60	0.70	0.81	0.97	0.49	0.49		0.32	
31		3.62		0.52	0.70		3.30		0.45	0.49		0.28	
Total	15.66	20.93	24.16	22.43	19.20	33.57	30.04	44.14	21.65	14.98	19.34	11.62	277.72 CMSDAY
Mean	0.52	0.68	0.81	0.72	0.62	1.12	0.97	1.47	0.70	0.48	0.69	0.37	0.76 CMS
Max	0.70	3.62	1.87	2.25	1.58	9.96	3.30	7.90	1.75	0.60	3.30	1.08	9.96 CMS
Min	0.32	0.35	0.52	0.52	0.45	0.45	0.67	0.63	0.45	0.35	0.32	0.25	0.25 CMS
Runoff	1.35	1.81	2.09	1.94	1.66	2.90	2.60	3.81	1.87	1.29	1.67	1.00	24.00 MCM
Momentary Peak	12.70	CMS. at 2.95 m. (MSL.) at 09.00 Hours , on Sep 18 , 2005											
Runoff Yield	13.86	Liters/Second/Square KM. Momentary Peak Yield 231.330 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.66	2.35	0.24	0.12	0.00	
2	0.06	0.00	0.16	0.00	0.00	0.00	0.00	7.11	0.79	0.25	0.10	0.00	
3	0.00	0.00	0.10	0.00	0.00	0.00	0.00	2.02	0.66	0.27	0.09	0.00	
4	0.00	0.00	0.06	0.00	0.00	0.00	0.42	1.15	0.58	0.32	0.07	0.00	
5	0.00	0.00	0.03	0.00	0.00	0.00	0.38	0.91	0.54	0.32	0.07	0.00	
6	0.00	0.00	0.03	0.00	0.00	0.00	0.25	0.93	0.52	0.32	0.06	0.00	
7	0.00	0.00	0.16	0.00	0.00	0.00	0.18	0.82	0.50	0.30	0.04	0.00	
8	0.00	0.15	0.22	0.00	0.00	0.00	0.10	0.77	0.50	0.30	0.04	0.00	
9	0.00	0.25	0.21	0.00	0.00	0.00	0.09	0.75	0.50	0.25	0.03	0.00	
10	0.00	0.15	0.19	0.00	0.00	0.00	0.06	0.72	0.50	0.24	0.03	0.00	
11	0.00	0.00	0.16	0.00	0.00	0.00	0.07	0.66	0.50	0.21	0.03	0.00	
12	0.00	0.00	0.12	0.00	0.00	0.00	1.75	0.62	0.50	0.19	0.03	0.00	
13	0.00	0.00	0.09	0.00	0.00	0.00	0.72	0.72	0.50	0.18	0.01	0.00	
14	0.00	0.00	0.09	0.00	0.00	0.00	0.44	0.75	0.46	0.16	0.01	0.00	
15	0.00	0.00	0.09	0.00	0.00	0.00	0.32	0.77	0.46	0.15	0.01	0.00	
16	0.00	0.00	0.04	0.00	0.00	0.00	0.29	0.77	0.56	0.15	0.01	0.00	
17	0.00	0.00	0.04	0.00	0.00	0.00	0.29	0.79	0.48	0.15	0.01	0.00	
18	0.00	0.00	0.04	0.00	0.00	1.04	0.93	0.77	0.46	0.13	0.01	0.00	
19	0.00	0.00	0.04	0.00	0.00	0.75	1.23	0.75	0.42	0.13	0.01	0.00	
20	0.00	0.00	0.03	0.00	0.00	0.34	0.68	0.72	0.40	0.13	0.01	0.00	
21	0.00	0.00	0.03	0.00	0.00	0.19	0.54	0.66	0.38	0.13	0.01	0.10	
22	0.00	0.00	0.03	0.00	0.00	0.12	0.46	0.54	0.36	0.13	0.01	0.09	
23	0.00	0.00	0.03	0.00	0.00	0.00	0.34	0.52	0.36	0.13	0.00	0.09	
24	0.00	0.00	0.03	0.00	0.00	0.00	0.84	0.50	0.36	0.13	0.00	0.13	
25	0.00	0.00	0.03	0.00	0.00	0.00	0.68	0.48	0.36	0.13	0.00	0.15	
26	0.00	0.00	0.03	0.00	0.00	0.04	0.64	1.70	0.36	0.13	0.00	0.18	
27	0.00	0.00	0.03	0.00	0.00	0.06	0.66	0.77	0.36	0.13	0.00	0.16	
28	0.00	0.00	0.01	0.00	0.00	0.07	0.54	0.60	0.30	0.13	0.00	0.10	
29	0.00	0.00	0.01	0.00	0.00	0.03	0.46	0.58	0.25	0.13	0.00	0.04	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.42	1.19	0.24	0.13	0.00	0.00	
31		0.12		0.00	0.00		0.97		0.22	0.13		0.00	
Total	0.06	0.67	2.47	0.00	0.00	2.64	14.75	30.70	15.73	5.82	0.81	1.04	74.69 CMSDAY
Mean	0.00	0.02	0.08	0.00	0.00	0.09	0.48	1.02	0.51	0.19	0.03	0.03	0.20 CMS
Max	0.06	0.25	0.34	0.00	0.00	1.04	1.75	7.11	2.35	0.32	0.12	0.18	7.11 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.22	0.13	0.00	0.00	0.00 CMS
Runoff	0.01	0.06	0.21	0.00	0.00	0.23	1.27	2.65	1.36	0.50	0.07	0.09	6.45 MCM
Momentary Peak	9.48	CMS. at 4.33 m. (MSL.) at 09.00 Hours , on Nov 2 , 2005											
Runoff Yield	34.11	Liters/Second/Square KM. Momentary Peak Yield 1580 Liters/Second/Square KM.											

WATER YEAR : 2005
SOUTHERN PENINSULA WEST COAST
Khlong Kapong at Ban Tha Na , Phang Nga (X.196)

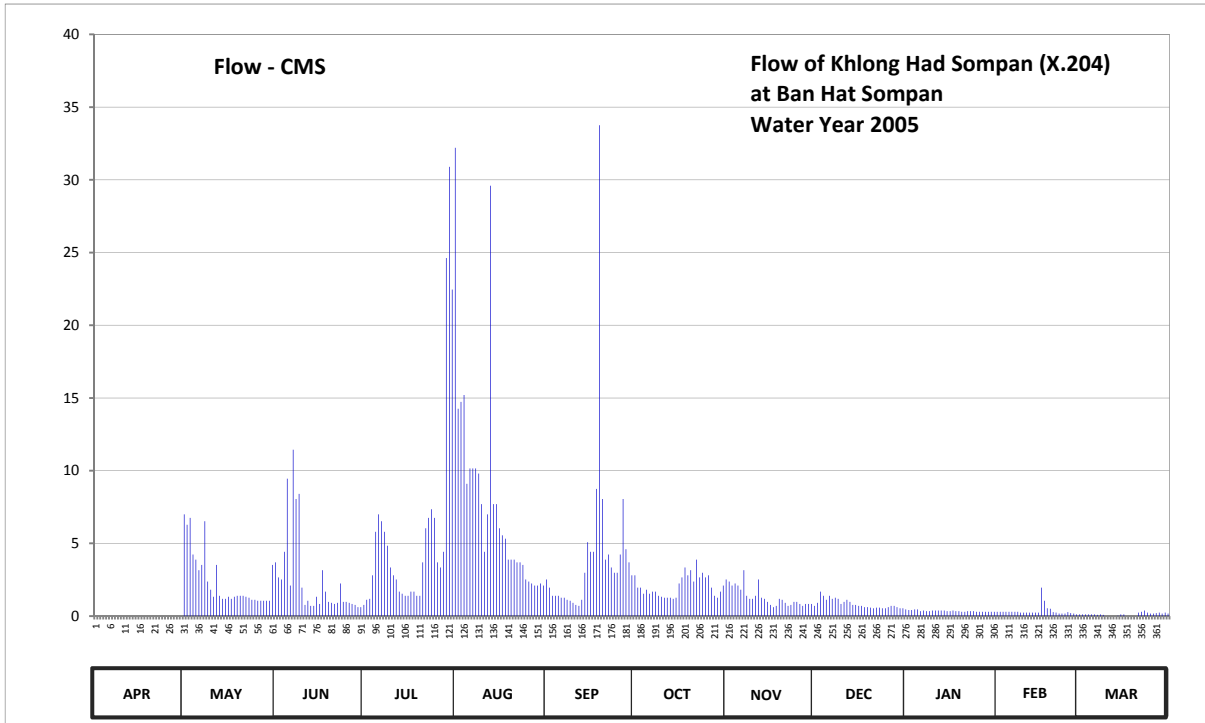
Lat 08 - 42 - 02 N Long 98 - 24 - 42 E

Location : on left bank at the bridge.

	Ban	Tha Na	Amphoe	Kapong	Changwat	Phang Nga
Drainage Area	139	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+0.000	m. (A.D.)				
Bench Mark	B.M.-H.D.					
Location BM	Near the top staff gage.				Elevation	+4.695 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.					
Basis of Mean Daily Gage Height	Arithmetic means of 5 readings					
Period of Available Gage Records	1999 to date					
Rating Operation						
Period of Rating	2003 to date					
Rated by Flot	-					
Rated by Current Meter	2003 to date					
Stability of Channel Regimes	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 57 discharge measurements made in 2005.					

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.66	0.70	1.09	1.09	1.24	1.10	1.39	1.24	1.07	0.87	0.70	0.67	
2	0.77	0.70	2.00	1.07	1.26	1.06	1.39	1.20	1.06	0.86	0.70	0.67	
3	0.69	0.70	1.54	1.05	1.30	1.04	1.29	1.18	1.06	0.86	0.70	0.66	
4	0.62	0.68	1.96	1.11	1.30	1.03	1.42	1.16	1.06	0.86	0.69	0.66	
5	0.60	0.68	2.03	1.45	1.20	1.04	1.38	1.13	1.09	0.84	0.69	0.66	
6	0.62	0.67	1.76	1.52	1.25	1.01	1.25	1.12	1.11	0.84	0.69	0.66	
7	0.64	0.71	1.92	1.43	1.20	1.00	1.24	1.10	1.06	0.83	0.69	0.66	
8	0.71	1.87	1.93	1.41	1.20	0.98	1.23	1.11	1.04	0.82	0.69	0.66	
9	0.64	1.51	1.67	1.32	1.36	0.94	1.20	1.12	1.00	0.82	0.69	0.66	
10	0.60	1.31	1.53	1.23	1.29	0.90	1.18	1.10	1.00	0.80	0.69	0.66	
11	0.60	1.35	1.32	1.20	1.20	0.90	1.18	1.12	0.99	0.79	0.69	0.66	
12	0.60	1.56	1.24	1.19	1.36	0.90	1.23	1.14	0.98	0.78	0.69	0.66	
13	0.64	2.04	1.10	1.17	1.24	0.90	1.16	1.14	0.98	0.77	0.69	0.66	
14	0.66	1.46	1.10	1.15	1.20	0.90	1.15	1.12	0.97	0.77	0.75	0.66	
15	0.71	1.10	1.10	1.14	1.19	0.90	1.16	1.10	0.97	0.76	0.73	0.73	
16	0.70	1.07	1.08	1.13	1.12	0.90	1.16	1.10	0.98	0.76	0.77	0.64	
17	0.85	1.10	1.26	1.12	1.09	1.26	1.15	1.36	0.94	0.75	0.75	0.67	
18	0.93	0.98	1.49	1.09	1.10	2.01	1.25	1.18	0.92	0.74	0.73	0.88	
19	0.76	0.96	1.48	1.04	1.09	2.04	1.31	1.18	0.90	0.73	0.71	0.89	
20	0.74	0.88	1.45	1.79	1.08	2.40	1.29	1.20	0.89	0.73	0.70	0.89	
21	0.72	0.84	1.35	1.84	1.09	1.62	1.20	1.16	0.89	0.72	0.68	0.97	
22	0.70	0.82	1.27	1.67	1.06	1.36	1.19	1.11	0.89	0.72	0.69	1.03	
23	0.70	0.79	1.23	1.25	1.04	1.95	1.19	1.09	0.88	0.72	0.69	0.99	
24	0.71	0.78	1.20	1.20	1.03	1.56	1.32	1.13	0.87	0.72	0.69	1.06	
25	0.69	0.76	1.31	1.16	1.02	2.31	1.53	1.12	0.88	0.75	0.68	1.04	
26	0.68	0.74	1.20	1.25	1.05	1.95	1.26	1.10	0.90	0.74	0.68	1.01	
27	0.67	0.72	1.16	1.15	1.09	2.06	1.19	1.06	0.94	0.74	0.67	1.00	
28	0.66	0.70	1.14	1.13	1.05	1.76	1.18	1.06	0.90	0.74	0.69	0.98	
29	0.66	0.67	1.13	1.09	1.06	1.56	1.14	1.06	0.89	0.72		0.96	
30	0.66	0.67	1.10	1.53	1.03	1.46	1.39	1.06	0.88	0.72		0.96	
31		1.27		1.31	1.13		1.32		0.87	0.70		0.96	
Mean	0.69	0.99	1.40	1.27	1.16	1.36	1.26	1.14	0.96	0.77	0.70	0.80	
Max	0.93	2.04	2.03	1.84	1.36	2.40	1.53	1.36	1.11	0.87	0.77	1.06	2.40
Min	0.60	0.67	1.08	1.04	1.02	0.90	1.14	1.06	0.87	0.70	0.67	0.64	0.60
Annual Max Momentary Gage Height	2.75		m. (A.D.) ,				at 18.00 Hours ,						on Sep 25 , 2005
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,				River Bed	-0.42		m. (A.D.)			
Left Bank Elevation	4.69		m. (A.D.) ,										
Right Bank Elevation	4.70		m. (A.D.) ,				Drainage Are	139		Square Kilometers			



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	7.00	3.70	0.77	32.20	2.52	2.80	2.52	0.70	0.46	0.30	0.12	
2	0.00	6.28	2.66	1.12	14.26	1.96	1.96	2.38	0.91	0.42	0.30	0.12	
3	0.00	6.76	2.52	1.19	14.73	1.40	1.96	2.10	1.68	0.42	0.30	0.12	
4	0.00	4.24	4.42	2.80	15.20	1.40	1.54	2.24	1.40	0.46	0.30	0.12	
5	0.00	3.88	9.45	5.80	9.10	1.40	1.82	2.10	1.12	0.46	0.30	0.12	
6	0.00	3.16	2.10	7.00	10.15	1.26	1.54	1.82	1.40	0.34	0.30	0.12	
7	0.00	3.52	11.44	6.52	10.15	1.26	1.68	3.16	1.19	0.38	0.30	0.09	
8	0.00	6.52	8.05	5.80	10.15	1.12	1.68	1.40	1.26	0.34	0.30	0.12	
9	0.00	2.38	8.40	4.84	9.80	1.05	1.40	1.19	1.19	0.34	0.24	0.09	
10	0.00	1.82	1.96	3.34	7.70	0.91	1.33	1.19	0.84	0.38	0.24	0.00	
11	0.00	1.33	0.77	2.80	4.42	0.77	1.26	1.40	0.98	0.38	0.24	0.00	
12	0.00	3.52	1.05	2.52	7.00	0.70	1.26	2.52	1.12	0.38	0.24	0.00	
13	0.00	1.40	0.70	1.68	29.60	1.12	1.26	1.26	0.98	0.38	0.24	0.00	
14	0.00	1.19	0.70	1.54	7.70	2.98	1.19	1.19	0.77	0.38	0.24	0.03	
15	0.00	1.19	1.33	1.40	7.70	5.08	1.26	0.98	0.77	0.34	0.24	0.12	
16	0.00	1.33	0.84	1.40	6.04	4.42	2.24	0.77	0.70	0.34	1.96	0.12	
17	0.00	1.19	3.16	1.68	5.56	4.42	2.66	0.62	0.70	0.38	1.05	0.00	
18	0.00	1.33	1.68	1.68	5.32	8.75	3.34	0.70	0.62	0.34	0.54	0.00	
19	0.00	1.40	0.98	1.40	3.88	33.76	2.80	1.19	0.62	0.34	0.50	0.00	
20	0.00	1.40	0.91	1.40	3.88	8.05	3.16	1.12	0.58	0.30	0.27	0.00	
21	0.00	1.40	0.84	3.70	3.88	3.88	2.38	0.91	0.54	0.30	0.24	0.24	
22	0.00	1.33	0.91	6.04	3.70	4.24	3.88	0.70	0.58	0.34	0.18	0.30	
23	0.00	1.26	2.24	6.76	3.70	3.34	2.66	0.77	0.58	0.34	0.18	0.38	
24	0.00	1.12	0.98	7.35	3.52	2.98	2.98	0.98	0.54	0.34	0.18	0.24	
25	0.00	1.12	0.98	6.76	2.52	2.98	2.66	0.98	0.54	0.30	0.27	0.18	
26	0.00	1.05	0.91	3.70	2.38	4.24	2.80	0.84	0.62	0.30	0.21	0.18	
27	0.00	1.05	0.84	3.34	2.24	8.05	1.96	0.70	0.70	0.30	0.18	0.21	
28	0.00	1.05	0.77	4.42	2.10	4.60	1.40	0.84	0.70	0.30	0.12	0.24	
29	0.00	1.05	0.62	24.62	2.10	3.70	1.26	0.84	0.62	0.30		0.18	
30	0.00	1.05	0.62	30.90	2.24	2.80	1.68	0.84	0.54	0.30		0.24	
31		3.52		22.46	2.10		2.10		0.54	0.30		0.18	
Total	0.00	75.84	76.53	176.73	245.02	125.14	63.90	40.25	26.03	10.98	9.96	3.86	854.24 CMSDAY
Mean	0.00	2.45	2.55	5.70	7.90	4.17	2.06	1.34	0.84	0.35	0.36	0.12	2.34 CMS
Max	0.00	7.00	11.44	30.90	32.20	33.76	3.88	3.16	1.68	0.46	1.96	0.38	33.76 CMS
Min	0.00	1.05	0.62	0.77	2.10	0.70	1.19	0.62	0.54	0.30	0.12	0.00	0.00 CMS
Runoff	0.00	6.55	6.61	15.27	21.17	10.81	5.52	3.48	2.25	0.95	0.86	0.33	73.81 MCM
Momentary Peak	109.50	CMS. at 2.30 m. (A.D.) at 09.00 Hours , on Sep 19, 2005											
Runoff Yield	101.40	Liters/Second/Square KM. Momentary Peak Yield 4744.368 Liters/Second/Square KM.											

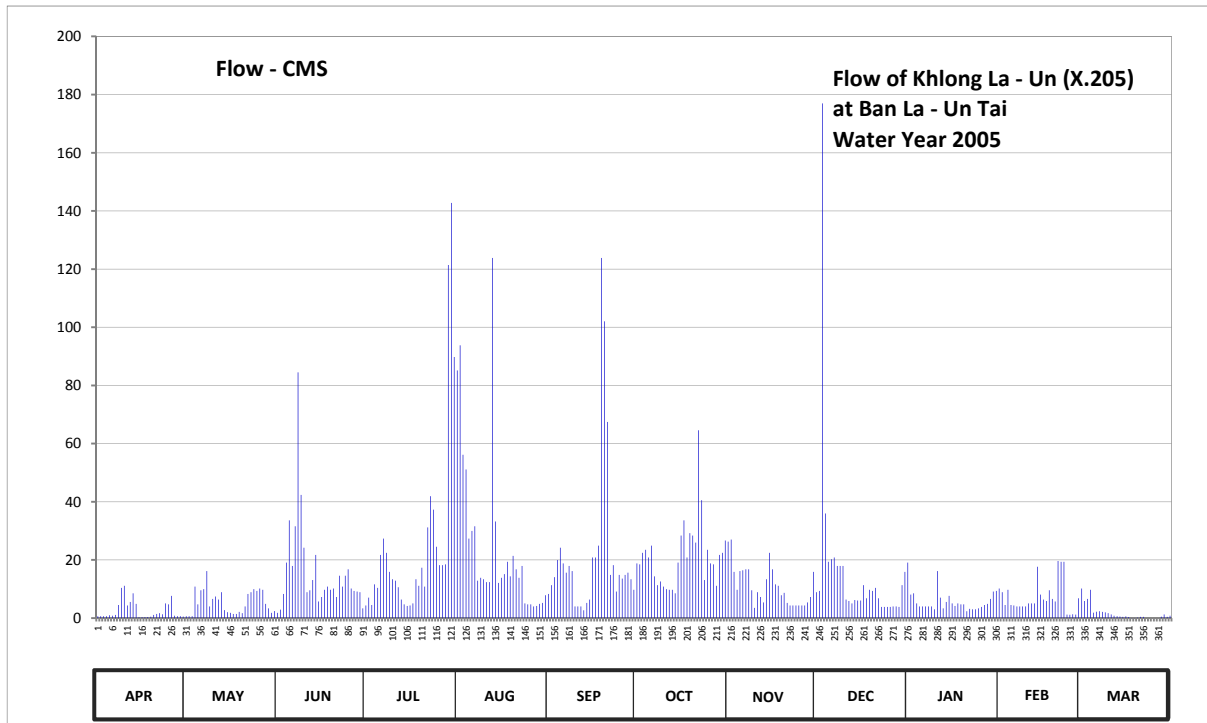
WATER YEAR : 2005
SOUTHERN PENINSULA WEST COAST
Khlong La - Un at Ban La - Un Tai, Ranong (X.205)
Lat 10 - 06 - 33 N Long 98 - 45 - 46 E

Location : on left bank at Ban La - Un.

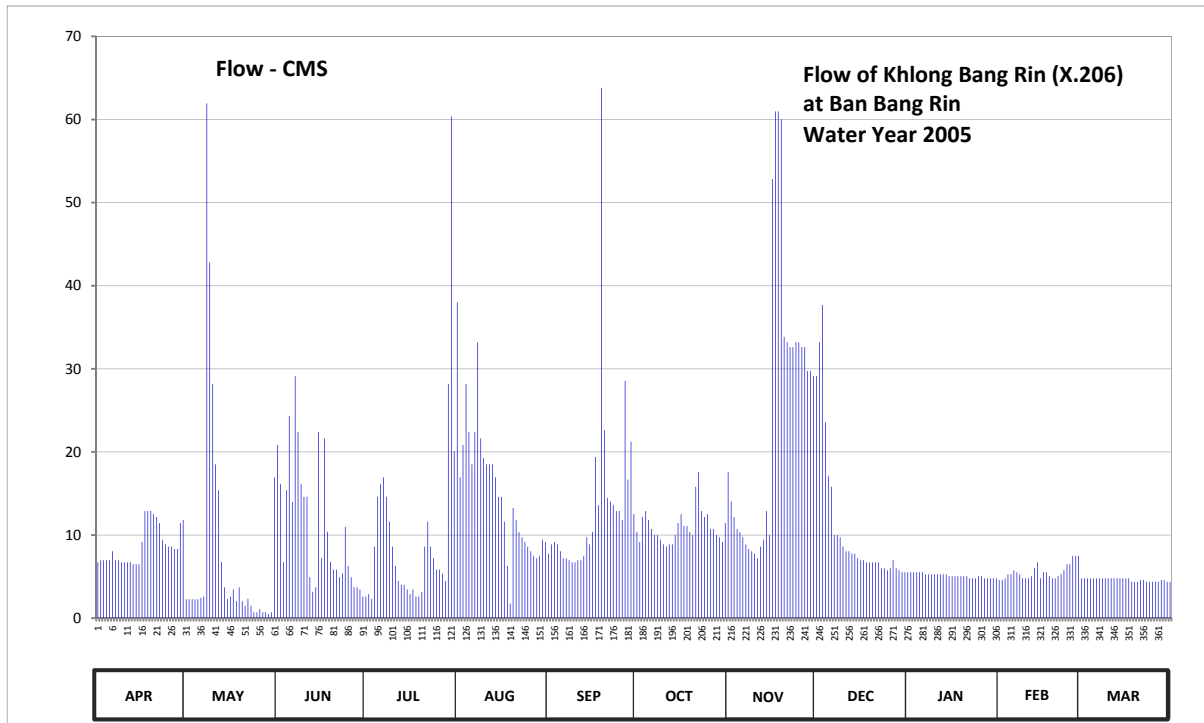
	Ban La - Un Tai	Amphoe La - Un	Changwat Ranong
Drainage Area	229 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+7.569 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 63 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.61	0.61	0.85	1.08	3.09	1.29	1.71	1.94	1.32	1.72	1.38	1.38	
2	0.61	0.61	0.99	1.23	3.22	1.43	1.70	1.96	1.34	1.28	1.32	1.17	
3	0.61	0.61	1.29	1.09	2.61	1.54	1.83	1.61	4.25	1.30	1.09	1.21	
4	0.61	1.41	1.72	1.44	2.51	1.75	1.86	1.36	2.19	1.12	1.36	1.36	
5	0.69	1.10	2.13	1.39	1.97	1.88	1.78	1.62	1.73	1.06	1.09	0.86	
6	0.66	1.35	1.68	1.81	2.04	1.71	1.90	1.63	1.76	1.06	1.08	0.90	
7	0.72	1.37	2.08	1.97	2.08	1.60	1.55	1.64	1.78	1.06	1.06	0.92	
8	1.09	1.62	3.08	1.83	1.49	1.68	1.43	1.64	1.68	1.06	1.06	0.89	
9	1.39	1.06	2.33	1.61	1.53	1.62	1.48	1.35	1.68	1.06	1.06	0.87	
10	1.42	1.21	1.88	1.51	1.51	1.06	1.41	1.03	1.68	1.00	1.06	0.84	
11	1.08	1.25	1.32	1.49	1.47	1.06	1.37	1.32	1.20	1.62	1.12	0.77	
12	1.15	1.20	1.35	1.40	1.47	1.06	1.36	1.24	1.17	1.23	1.12	0.66	
13	1.30	1.32	1.50	1.20	3.63	0.96	1.36	1.14	1.12	1.02	1.12	0.61	
14	1.11	0.97	1.81	1.10	2.12	1.13	1.30	1.51	1.19	1.15	1.67	0.58	
15	0.51	0.88	1.16	1.07	1.46	1.20	1.72	1.83	1.18	1.26	1.28	0.55	
16	0.51	0.85	1.24	1.08	1.53	1.78	2.00	1.64	1.18	1.12	1.20	0.60	
17	0.51	0.80	1.36	1.12	1.58	1.78	2.13	1.44	1.43	1.07	1.17	0.53	
18	0.52	0.80	1.41	1.51	1.73	1.90	1.78	1.42	1.22	1.12	1.35	0.42	
19	0.57	0.89	1.36	1.42	1.55	3.63	2.02	1.27	1.36	1.10	1.21	0.41	
20	0.73	0.84	1.38	1.66	1.80	3.34	2.00	1.31	1.34	1.10	1.16	0.45	
21	0.80	1.06	1.24	1.41	1.64	2.81	1.93	1.13	1.39	0.92	1.74	0.54	
22	0.84	1.29	1.56	2.07	1.53	1.57	2.76	1.08	1.22	1.01	1.73	0.55	
23	0.78	1.32	1.41	2.32	1.68	1.69	2.29	1.08	1.05	1.00	1.73	0.31	
24	1.12	1.37	1.56	2.22	1.12	1.33	1.50	1.08	1.05	1.00	0.75	0.31	
25	1.10	1.34	1.64	1.89	1.10	1.57	1.86	1.08	1.05	1.02	0.74	0.35	
26	1.26	1.38	1.38	1.69	1.10	1.52	1.71	1.08	1.05	1.05	0.78	0.36	
27	0.66	1.36	1.34	1.69	1.06	1.57	1.70	1.08	1.06	1.09	0.75	0.35	
28	0.62	1.11	1.33	1.70	1.07	1.60	1.42	1.14	1.06	1.11	1.22	0.56	
29	0.61	1.02	1.32	3.60	1.11	1.51	1.81	1.24	1.05	1.21		0.77	
30	0.58	0.85	1.02	3.86	1.13	1.36	1.83	1.61	1.43	1.33		0.55	
31		0.93		3.16	1.27		1.95		1.61	1.34		0.66	
Mean	0.83	1.09	1.52	1.73	1.75	1.66	1.76	1.38	1.45	1.15	1.19	0.69	
Max	1.42	1.62	3.08	3.86	3.63	3.63	2.76	1.96	4.25	1.72	1.74	1.38	4.25
Min	0.51	0.61	0.85	1.07	1.06	0.96	1.30	1.03	1.05	0.92	0.74	0.31	0.31
Annual Max Momentary Gage Height	4.48												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	7.32												
Right Bank Elevation	7.91												
Annual Max Momentary Gage Height	at 09.00 Hours , on Dec 3 , 2005												
Zero Gage at Bottom Elevation	River Bed -0.19 m. (A.D.)												
Left Bank Elevation	m. (A.D.) ,												
Right Bank Elevation	Drainage Area 229 Square Kilometers												



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.64	0.64	1.80	4.36	85.14	8.29	18.79	26.30	8.92	19.08	10.18	10.18	
2	0.64	0.64	2.92	7.03	93.78	11.35	18.50	27.00	9.34	8.08	8.92	5.89	
3	0.64	0.64	8.29	4.53	56.16	14.10	22.45	15.89	176.95	8.50	4.53	6.61	
4	0.64	10.85	19.08	11.60	51.10	19.95	23.50	9.76	36.00	5.04	9.76	9.76	
5	0.96	4.70	33.60	10.39	27.35	24.20	20.82	16.18	19.37	4.02	4.53	1.88	
6	0.84	9.55	17.92	21.75	30.00	18.79	24.90	16.47	20.24	4.02	4.36	2.20	
7	1.08	9.97	31.60	27.35	31.60	15.60	14.35	16.76	20.82	4.02	4.02	2.36	
8	4.53	16.18	84.48	22.45	12.85	17.92	11.35	16.76	17.92	4.02	4.02	2.12	
9	10.39	4.02	42.38	15.89	13.85	16.18	12.60	9.55	17.92	4.02	4.02	1.96	
10	11.10	6.61	24.20	13.35	13.35	4.02	10.85	3.51	17.92	3.00	4.02	1.72	
11	4.36	7.45	8.92	12.85	12.35	4.02	9.97	8.92	6.40	16.18	5.04	1.28	
12	5.55	6.40	9.55	10.60	12.35	4.02	9.76	7.24	5.89	7.03	5.04	0.84	
13	8.50	8.92	13.10	6.40	123.83	2.68	9.76	5.38	5.04	3.34	5.04	0.64	
14	4.87	2.76	21.75	4.70	33.20	5.21	8.50	13.35	6.23	5.55	17.63	0.54	
15	0.33	2.04	5.72	4.19	12.10	6.40	19.08	22.45	6.06	7.66	8.08	0.45	
16	0.33	1.80	7.24	4.36	13.85	20.82	28.40	16.76	6.06	5.04	6.40	0.60	
17	0.33	1.40	9.76	5.04	15.10	20.82	33.60	11.60	11.35	4.19	5.89	0.39	
18	0.36	1.40	10.85	13.35	19.37	24.90	20.82	11.10	6.82	5.04	9.55	0.06	
19	0.51	2.12	9.76	11.10	14.35	123.83	29.20	7.87	9.76	4.70	6.61	0.03	
20	1.12	1.72	10.18	17.34	21.40	102.06	28.40	8.71	9.34	4.70	5.72	0.15	
21	1.40	4.02	7.24	10.85	16.76	67.42	25.95	5.21	10.39	2.36	19.66	0.42	
22	1.72	8.29	14.60	31.20	13.85	14.85	64.56	4.36	6.82	3.17	19.37	0.45	
23	1.32	8.92	10.85	41.92	17.92	18.21	40.54	4.36	3.85	3.00	19.37	0.00	
24	5.04	9.97	14.60	37.32	5.04	9.13	13.10	4.36	3.85	3.00	1.20	0.00	
25	4.70	9.34	16.76	24.55	4.70	14.85	23.50	4.36	3.85	3.34	1.16	0.00	
26	7.66	10.18	10.18	18.21	4.70	13.60	18.79	4.36	3.85	3.85	1.32	0.00	
27	0.84	9.76	9.34	18.21	4.02	14.85	18.50	4.36	4.02	4.53	1.20	0.00	
28	0.68	4.87	9.13	18.50	4.19	15.60	11.10	5.38	4.02	4.87	6.82	0.48	
29	0.64	3.34	8.92	121.40	4.87	13.35	21.75	7.24	3.85	6.61		1.28	
30	0.54	1.80	3.34	142.76	5.21	9.76	22.45	15.89	11.35	9.13		0.45	
31		2.44		89.76	7.87		26.65		15.89	9.34		0.84	
Total	82.26	172.74	478.06	783.31	782.21	656.78	662.49	331.44	490.09	180.43	203.46	53.58	4876.85 CMSDAY
Mean	2.74	5.57	15.94	25.27	25.23	21.89	21.37	11.05	15.81	5.82	7.27	1.73	13.36 CMS
Max	11.10	16.18	84.48	142.76	123.83	123.83	64.56	27.00	176.95	19.08	19.66	10.18	176.95 CMS
Min	0.33	0.64	1.80	4.19	4.02	2.68	8.50	3.51	3.85	2.36	1.16	0.00	0.00 CMS
Runoff	7.11	14.93	41.30	67.68	67.58	56.75	57.24	28.64	42.34	15.59	17.58	4.63	421.36 MCM
Momentary Peak	198.28	CMS.	at 4.48 m. (A.D.)	at 09.00 Hours	on Dec 3	2005							
Runoff Yield	58.35	Liters/Second/Square KM.		Momentary Peak Yield	865.852	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.72	2.28	20.84	2.60	38.00	7.76	10.36	17.56	29.14	5.52	4.58	4.80		
2	6.96	2.28	16.16	2.88	16.94	8.88	9.16	14.04	33.20	5.52	4.58	4.80		
3	6.96	2.28	6.76	2.32	20.84	9.16	12.16	12.16	37.68	5.52	4.80	4.80		
4	6.96	2.28	15.38	8.60	28.16	8.88	12.88	10.72	23.56	5.52	5.28	4.80		
5	6.96	2.28	24.32	14.60	22.40	8.04	11.80	10.36	17.12	5.52	5.28	4.80		
6	8.04	2.44	14.00	16.16	18.50	7.20	10.72	9.72	15.80	5.52	5.76	4.80		
7	6.96	2.60	29.12	16.94	22.40	7.20	10.00	8.88	10.00	5.28	5.52	4.80		
8	6.96	61.94	22.40	14.60	33.20	6.96	10.00	8.32	10.00	5.28	5.28	4.80		
9	6.72	42.80	16.16	11.60	21.62	6.72	9.44	8.04	9.72	5.28	4.80	4.80		
10	6.72	28.16	14.60	8.60	19.28	6.72	8.88	7.76	8.60	5.28	4.80	4.80		
11	6.72	18.50	14.60	6.30	18.50	6.96	8.60	7.20	8.04	5.28	4.80	4.80		
12	6.72	15.38	4.92	4.46	18.50	6.96	8.88	8.60	8.04	5.28	5.04	4.80		
13	6.48	6.76	3.16	4.00	18.50	7.48	8.88	9.44	7.76	5.28	6.00	4.80		
14	6.48	3.72	3.72	4.00	16.94	9.72	10.00	12.88	7.76	5.28	6.72	4.80		
15	6.48	2.32	22.40	3.44	14.60	8.88	11.44	10.00	7.20	5.04	4.80	4.80		
16	9.16	2.60	7.22	2.88	14.60	10.36	12.52	52.84	6.96	5.04	5.52	4.80		
17	12.88	3.44	21.62	3.44	11.60	19.38	11.08	60.98	6.96	5.04	5.52	4.80		
18	12.88	2.04	10.40	2.60	6.30	13.60	11.08	60.98	6.72	5.04	5.04	4.36		
19	12.88	3.72	6.76	2.60	1.76	63.80	10.36	60.04	6.72	5.04	4.80	4.36		
20	12.52	2.04	5.84	3.16	13.24	22.60	10.00	33.84	6.72	5.04	4.80	4.36		
21	12.16	1.48	5.84	8.60	11.80	14.48	15.80	33.20	6.72	5.04	5.04	4.58		
22	11.44	2.32	4.92	11.60	10.36	14.04	17.56	32.62	6.72	4.80	5.28	4.58		
23	9.44	1.48	5.38	8.60	9.72	13.60	12.88	32.62	6.00	4.80	5.76	4.36		
24	8.88	0.72	11.00	7.22	9.16	12.88	12.16	33.20	6.00	4.80	6.48	4.36		
25	8.60	0.72	6.30	5.84	8.60	12.88	12.52	33.20	5.76	5.04	6.48	4.36		
26	8.60	1.08	4.92	5.84	8.04	11.80	10.72	32.62	6.00	5.04	7.48	4.36		
27	8.32	0.72	3.72	5.38	7.48	28.56	10.72	32.62	6.96	4.80	7.48	4.36		
28	8.32	0.72	3.72	4.46	7.20	16.68	10.00	29.72	6.00	4.80	7.48	4.58		
29	11.44	0.48	3.44	28.16	7.48	21.22	9.72	29.72	5.76	4.80		4.58		
30	11.80	0.72	2.60	60.36	9.44	12.52	9.16	29.14	5.52	4.80		4.36		
31		16.94		20.06	9.16		11.44		5.52	4.80		4.36		
Total	262.16	237.24	332.22	301.90	474.32	405.92	340.92	743.02	334.66	159.12	155.20	143.52	3890.20	CMSDAY
Mean	8.74	7.65	11.07	9.74	15.30	13.53	11.00	24.77	10.80	5.13	5.54	4.63	10.66	CMS
Max	12.88	61.94	29.12	60.36	38.00	63.80	17.56	60.98	37.68	5.52	7.48	4.80	63.80	CMS
Min	6.48	0.48	2.60	2.32	1.76	6.72	8.60	7.20	5.52	4.80	4.58	4.36	0.48	CMS
Runoff	22.65	20.50	28.70	26.08	40.98	35.07	29.46	64.20	28.92	13.75	13.41	12.40	336.11	MCM
Momentary Peak	104.80 CMS. at 1.80 m. (A.D.) at 09.00 Hours , on Sep 19 , 2005													
Runoff Yield	112.04 Liters/Second/Square KM.			Momentary Peak Yield 1101.650 Liters/Second/Square KM.										

WATER YEAR : 2005**SOUTHERN PENINSULA WEST COAST****Khlong Kra Buri at Ban Nam Chud, Ranong (X.207)**

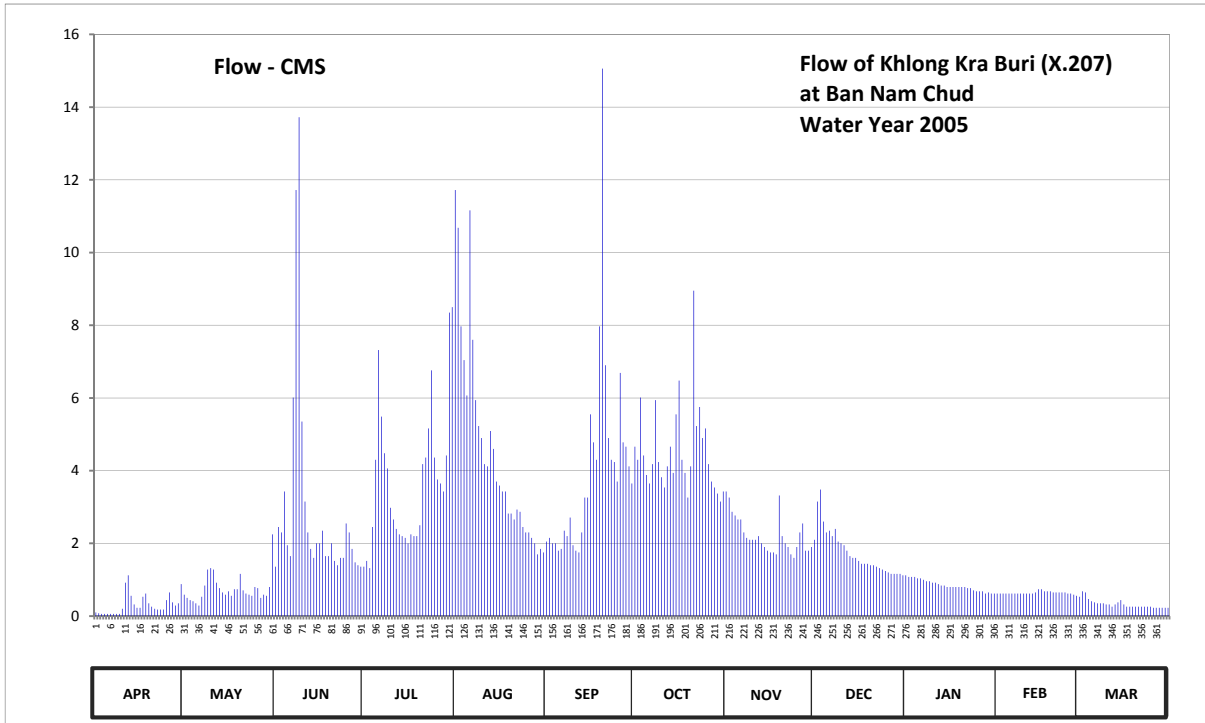
Lat 10 - 23 - 53 N Long 98 - 47 - 22 E

Location : on right bank at Ban Nam Chud.

	Ban Nam Chud	Amphoe Kra Buri	Changwat Ranong
Drainage Area	45 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+5.779 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 60 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.55	0.73	0.94	0.94	2.54	1.09	1.56	1.35	1.10	0.88	0.74	0.71	
2	0.54	0.70	1.17	0.98	2.41	1.11	1.50	1.32	1.30	0.87	0.74	0.76	
3	0.53	0.68	1.14	0.93	2.05	1.08	1.77	1.25	1.36	0.87	0.74	0.75	
4	0.53	0.67	1.35	1.17	1.92	1.08	1.52	1.23	1.20	0.87	0.74	0.69	
5	0.53	0.65	1.07	1.50	1.78	1.04	1.43	1.21	1.14	0.86	0.74	0.67	
6	0.53	0.63	1.01	1.96	2.47	1.05	1.39	1.21	1.15	0.86	0.74	0.66	
7	0.53	0.71	1.77	1.69	2.00	1.15	1.48	1.14	1.12	0.85	0.74	0.65	
8	0.53	0.81	2.54	1.53	1.76	1.12	1.76	1.11	1.16	0.84	0.74	0.65	
9	0.53	0.92	2.79	1.46	1.65	1.22	1.49	1.10	1.09	0.84	0.74	0.65	
10	0.60	0.93	1.67	1.27	1.60	1.07	1.42	1.10	1.08	0.83	0.74	0.64	
11	0.83	0.92	1.30	1.21	1.48	1.04	1.37	1.10	1.07	0.83	0.74	0.64	
12	0.88	0.83	1.14	1.16	1.47	1.03	1.47	1.12	1.04	0.82	0.74	0.62	
13	0.72	0.79	1.05	1.13	1.63	1.14	1.56	1.08	1.01	0.81	0.74	0.64	
14	0.64	0.75	1.00	1.12	1.55	1.32	1.44	1.06	1.00	0.81	0.75	0.66	
15	0.61	0.73	1.08	1.11	1.40	1.32	1.70	1.04	1.00	0.80	0.78	0.68	
16	0.61	0.76	1.08	1.08	1.38	1.70	1.84	1.03	0.98	0.80	0.78	0.64	
17	0.71	0.72	1.15	1.13	1.35	1.58	1.50	1.03	0.96	0.80	0.76	0.62	
18	0.74	0.78	1.01	1.12	1.35	1.50	1.44	1.02	0.96	0.80	0.76	0.62	
19	0.65	0.78	1.01	1.12	1.24	2.05	1.32	1.33	0.96	0.80	0.76	0.62	
20	0.62	0.89	1.08	1.18	1.24	2.94	1.47	1.12	0.95	0.80	0.75	0.62	
21	0.60	0.77	0.98	1.48	1.21	1.90	2.18	1.08	0.95	0.80	0.75	0.62	
22	0.59	0.74	0.95	1.51	1.26	1.60	1.65	1.06	0.94	0.79	0.75	0.62	
23	0.59	0.73	1.00	1.64	1.25	1.50	1.73	1.02	0.93	0.79	0.75	0.62	
24	0.59	0.72	1.00	1.88	1.17	1.49	1.60	1.00	0.92	0.77	0.75	0.62	
25	0.68	0.80	1.19	1.51	1.14	1.40	1.64	1.06	0.91	0.76	0.74	0.62	
26	0.75	0.79	1.14	1.41	1.14	1.87	1.48	1.14	0.90	0.76	0.74	0.61	
27	0.66	0.70	1.05	1.39	1.11	1.58	1.40	1.19	0.89	0.76	0.73	0.61	
28	0.63	0.73	0.97	1.35	1.08	1.56	1.37	1.04	0.89	0.74	0.72	0.61	
29	0.65	0.72	0.95	1.52	1.02	1.47	1.34	1.04	0.89	0.75		0.61	
30	0.82	0.80	0.94	2.10	1.05	1.39	1.30	1.06	0.89	0.74		0.61	
31		1.13		2.12	1.03		1.35		0.88	0.74		0.61	
Mean	0.63	0.77	1.22	1.38	1.51	1.41	1.53	1.12	1.02	0.81	0.75	0.64	
Max	0.88	1.13	2.79	2.12	2.54	2.94	2.18	1.35	1.36	0.88	0.78	0.76	2.94
Min	0.53	0.63	0.94	0.93	1.02	1.03	1.30	1.00	0.88	0.74	0.72	0.61	0.53
Annual Max Momentary Gage Height	3.29												
Zero Gage at Bottom Elevation	0.00						0.05						
Left Bank Elevation		5.01											
Right Bank Elevation		5.07											
					Drainage Are	45	Square Kilometers						



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.59	1.36	1.36	11.72	2.05	4.66	3.43	2.10	1.12	0.62	0.53	
2	0.08	0.50	2.45	1.52	10.68	2.15	4.30	3.26	3.15	1.08	0.62	0.68	
3	0.06	0.44	2.30	1.32	7.97	2.00	6.01	2.87	3.48	1.08	0.62	0.65	
4	0.06	0.41	3.43	2.45	7.04	2.00	4.42	2.77	2.60	1.08	0.62	0.47	
5	0.06	0.35	1.95	4.30	6.07	1.80	3.88	2.66	2.30	1.04	0.62	0.41	
6	0.06	0.29	1.65	7.32	11.16	1.85	3.65	2.66	2.35	1.04	0.62	0.38	
7	0.06	0.53	6.01	5.49	7.60	2.35	4.18	2.30	2.20	1.00	0.62	0.35	
8	0.06	0.84	11.72	4.48	5.94	2.20	5.94	2.15	2.40	0.96	0.62	0.35	
9	0.06	1.28	13.72	4.06	5.23	2.71	4.24	2.10	2.05	0.96	0.62	0.35	
10	0.20	1.32	5.35	2.98	4.90	1.95	3.82	2.10	2.00	0.92	0.62	0.32	
11	0.92	1.28	3.15	2.66	4.18	1.80	3.54	2.10	1.95	0.92	0.62	0.32	
12	1.12	0.92	2.30	2.40	4.12	1.75	4.12	2.20	1.80	0.88	0.62	0.26	
13	0.56	0.77	1.85	2.25	5.09	2.30	4.66	2.00	1.65	0.84	0.62	0.32	
14	0.32	0.65	1.60	2.20	4.60	3.26	3.94	1.90	1.60	0.84	0.65	0.38	
15	0.23	0.59	2.00	2.15	3.70	3.26	5.55	1.80	1.60	0.80	0.74	0.44	
16	0.23	0.68	2.00	2.00	3.59	5.55	6.48	1.75	1.52	0.80	0.74	0.32	
17	0.53	0.56	2.35	2.25	3.43	4.78	4.30	1.75	1.44	0.80	0.68	0.26	
18	0.62	0.74	1.65	2.20	3.43	4.30	3.94	1.70	1.44	0.80	0.68	0.26	
19	0.35	0.74	1.65	2.20	2.82	7.97	3.26	3.32	1.44	0.80	0.68	0.26	
20	0.26	1.16	2.00	2.50	2.82	15.06	4.12	2.20	1.40	0.80	0.65	0.26	
21	0.20	0.71	1.52	4.18	2.66	6.90	8.95	2.00	1.40	0.80	0.65	0.26	
22	0.18	0.62	1.40	4.36	2.93	4.90	5.23	1.90	1.36	0.77	0.65	0.26	
23	0.18	0.59	1.60	5.16	2.87	4.30	5.75	1.70	1.32	0.77	0.65	0.26	
24	0.18	0.56	1.60	6.76	2.45	4.24	4.90	1.60	1.28	0.71	0.65	0.26	
25	0.44	0.80	2.55	4.36	2.30	3.70	5.16	1.90	1.24	0.68	0.62	0.26	
26	0.65	0.77	2.30	3.76	2.30	6.69	4.18	2.30	1.20	0.68	0.62	0.23	
27	0.38	0.50	1.85	3.65	2.15	4.78	3.70	2.55	1.16	0.68	0.59	0.23	
28	0.29	0.59	1.48	3.43	2.00	4.66	3.54	1.80	1.16	0.62	0.56	0.23	
29	0.35	0.56	1.40	4.42	1.70	4.12	3.37	1.80	1.16	0.65		0.23	
30	0.88	0.80	1.36	8.35	1.85	3.65	3.15	1.90	1.16	0.62		0.23	
31		2.25		8.50	1.75		3.43		1.12	0.62		0.23	
Total	9.67	23.39	87.55	115.02	141.05	119.03	140.37	66.47	54.03	26.16	17.87	10.25	810.86 CMSDAY
Mean	0.32	0.75	2.92	3.71	4.55	3.97	4.53	2.22	1.74	0.84	0.64	0.33	2.22 CMS
Max	1.12	2.25	13.72	8.50	11.72	15.06	8.95	3.43	3.48	1.12	0.74	0.68	15.06 CMS
Min	0.06	0.29	1.36	1.32	1.70	1.75	3.15	1.60	1.12	0.62	0.56	0.23	0.06 CMS
Runoff	0.84	2.02	7.56	9.94	12.19	10.28	12.13	5.74	4.67	2.26	1.54	0.89	70.06 MCM
Momentary Peak	18.40	CMS. at 3.29 m. (A.D.) at 12.00 Hours , on Sep 20 , 2005											
Runoff Yield	49.17	Liters/Second/Square KM. Momentary Peak Yield 407.260 Liters/Second/Square KM.											

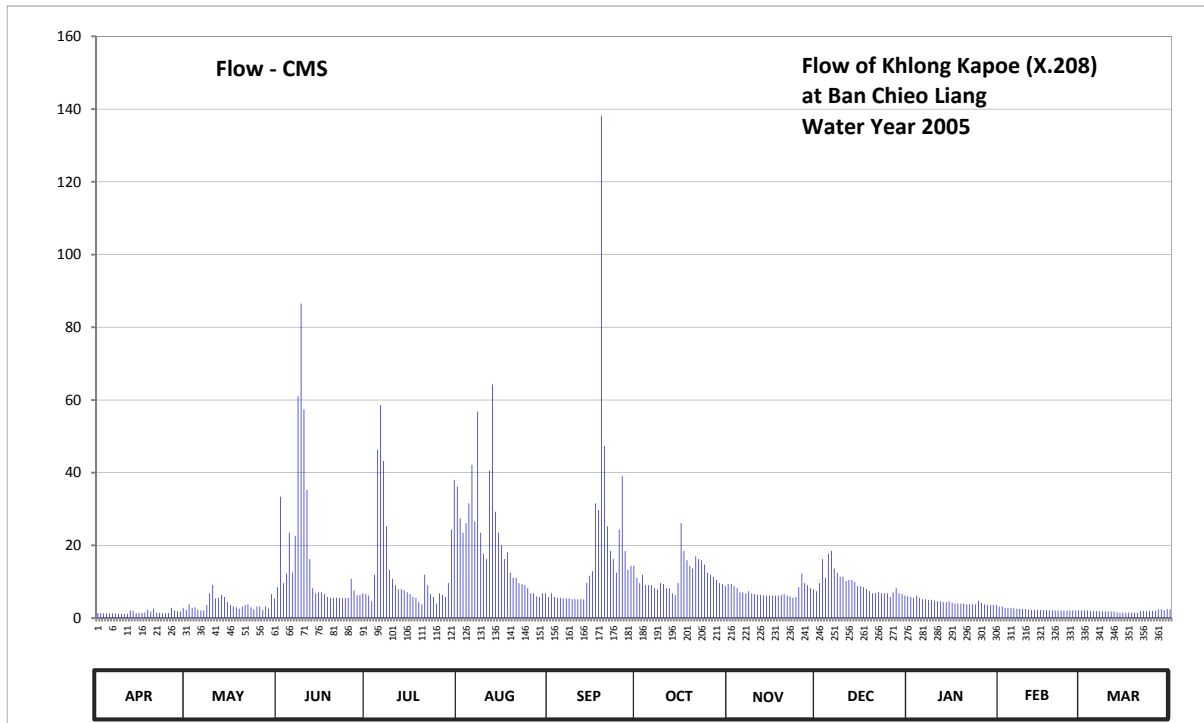
WATER YEAR : 2005
SOUTHERN PENINSULA WEST COAST
Khlong Kapoe at Ban Chieo Liang, Ranong (X.208)
Lat 09 - 34 - 20 N Long 98 - 40 - 05 E

Location : on right bank at Ban Chieo Liang

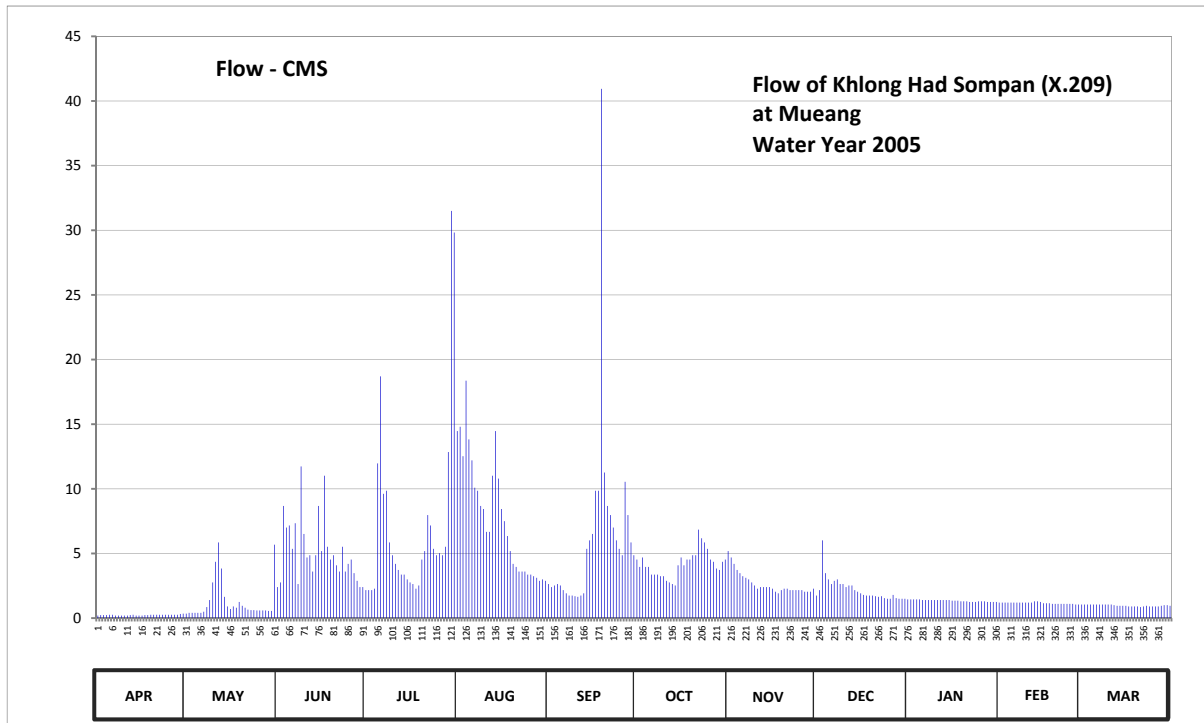
	Ban Chieo Liang	Amphoe Kapoe	Changwat Ranong
Drainage Area	168 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+25.666 m. (A.D.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2004 to date		
Rating Operation			
Period of Rating	2004 to date		
Rated by Flot	-		
Rated by Current Meter	2004 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 62 discharge measurements made in 2005.		

Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.86	0.94	1.26	1.19	1.96	1.15	1.35	1.29	1.22	1.16	1.02	0.93	
2	0.86	1.05	1.90	1.17	1.77	1.20	1.30	1.29	1.30	1.15	1.02	0.93	
3	0.85	1.00	1.30	1.09	1.68	1.15	1.38	1.27	1.50	1.14	1.00	0.93	
4	0.85	1.01	1.39	1.38	1.74	1.14	1.28	1.25	1.35	1.17	1.00	0.92	
5	0.85	0.95	1.68	2.16	1.86	1.14	1.28	1.21	1.54	1.14	1.00	0.91	
6	0.85	0.93	1.40	2.37	2.08	1.13	1.28	1.21	1.56	1.12	0.99	0.91	
7	0.85	0.93	1.66	2.10	1.75	1.13	1.25	1.20	1.43	1.12	0.98	0.91	
8	0.84	1.04	2.41	1.72	2.34	1.13	1.24	1.22	1.40	1.11	0.98	0.91	
9	0.84	1.20	2.79	1.42	1.68	1.12	1.30	1.20	1.36	1.11	0.97	0.91	
10	0.84	1.28	2.35	1.34	1.54	1.12	1.29	1.19	1.36	1.10	0.97	0.91	
11	0.84	1.13	1.94	1.28	1.50	1.12	1.25	1.18	1.32	1.09	0.95	0.90	
12	0.93	1.14	1.50	1.24	2.05	1.12	1.25	1.18	1.33	1.09	0.95	0.90	
13	0.92	1.18	1.25	1.24	2.46	1.12	1.20	1.17	1.33	1.08	0.95	0.88	
14	0.86	1.15	1.20	1.23	1.81	1.30	1.18	1.17	1.31	1.08	0.95	0.87	
15	0.86	1.08	1.21	1.21	1.68	1.37	1.30	1.17	1.27	1.09	0.95	0.87	
16	0.86	1.04	1.21	1.19	1.60	1.41	1.74	1.17	1.27	1.07	0.94	0.87	
17	0.88	1.02	1.19	1.15	1.50	1.86	1.56	1.17	1.26	1.06	0.94	0.87	
18	0.95	1.01	1.15	1.14	1.55	1.82	1.49	1.17	1.24	1.06	0.93	0.87	
19	0.90	0.98	1.14	1.08	1.40	3.41	1.45	1.18	1.22	1.06	0.93	0.87	
20	0.98	1.02	1.14	1.05	1.35	2.18	1.43	1.19	1.20	1.06	0.93	0.86	
21	0.87	1.04	1.14	1.38	1.35	1.72	1.52	1.17	1.20	1.05	0.93	0.91	
22	0.86	1.05	1.14	1.28	1.30	1.56	1.50	1.16	1.21	1.05	0.93	0.92	
23	0.85	1.01	1.13	1.19	1.29	1.50	1.49	1.14	1.20	1.05	0.93	0.91	
24	0.86	0.96	1.14	1.15	1.28	1.40	1.46	1.15	1.20	1.05	0.93	0.92	
25	0.86	1.02	1.14	1.06	1.25	1.70	1.40	1.26	1.20	1.10	0.93	0.92	
26	1.00	1.02	1.34	1.20	1.20	2.02	1.38	1.39	1.15	1.07	0.93	0.92	
27	0.93	0.95	1.23	1.18	1.20	1.56	1.36	1.30	1.21	1.05	0.93	0.96	
28	0.91	1.02	1.17	1.15	1.16	1.42	1.33	1.28	1.25	1.04	0.93	0.96	
29	0.90	0.98	1.18	1.30	1.15	1.45	1.30	1.25	1.20	1.04		0.94	
30	1.00	1.19	1.20	1.70	1.20	1.45	1.29	1.24	1.19	1.04		0.97	
31		1.13		2.00	1.20		1.27		1.17	1.04		0.96	
Mean	0.88	1.05	1.43	1.37	1.58	1.46	1.36	1.21	1.29	1.09	0.96	0.91	
Max	1.00	1.28	2.79	2.37	2.46	3.41	1.74	1.39	1.56	1.17	1.02	0.97	3.41
Min	0.84	0.93	1.13	1.05	1.15	1.12	1.18	1.14	1.15	1.04	0.93	0.86	0.84
Annual Max Momentary Gage Height	4.35												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	5.41												
Right Bank Elevation	5.44												
Annual Max Momentary Gage Height	4.35												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	5.41												
Right Bank Elevation	5.44												
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Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	5.41												
Right Bank Elevation	5.44												
Annual Max Momentary Gage Height	4.35				</								

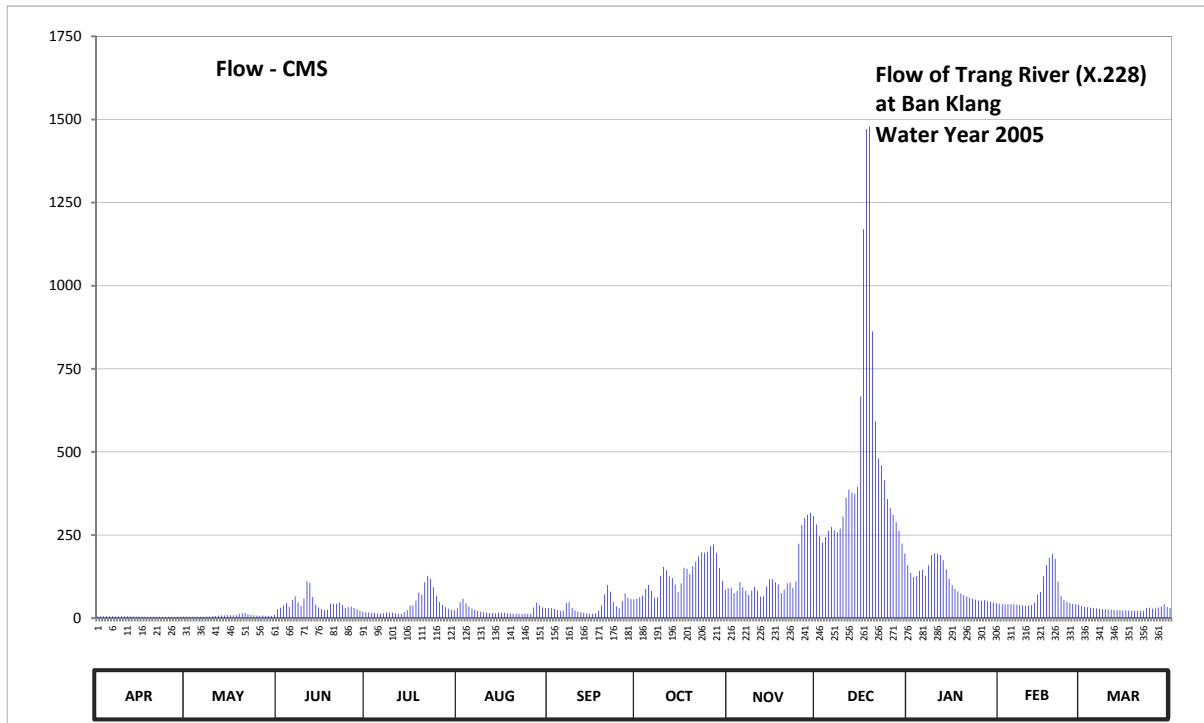


Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.40	2.20	8.51	6.60	36.16	5.80	11.08	9.36	7.37	6.00	3.20	2.10	
2	1.40	3.80	33.40	6.20	27.48	6.80	9.65	9.36	9.65	5.80	3.20	2.10	
3	1.30	2.80	9.65	4.60	23.52	5.80	11.93	8.79	16.25	5.60	2.80	2.10	
4	1.30	3.00	12.22	11.93	26.16	5.60	9.08	8.22	11.08	6.20	2.80	2.00	
5	1.30	2.30	23.52	46.32	31.56	5.60	9.08	7.09	17.75	5.60	2.80	1.90	
6	1.30	2.10	12.50	58.60	42.16	5.40	9.08	7.09	18.50	5.20	2.70	1.90	
7	1.30	2.10	22.64	43.20	26.60	5.40	8.22	6.80	13.62	5.20	2.60	1.90	
8	1.20	3.60	61.05	25.28	56.80	5.40	7.94	7.37	12.50	5.00	2.60	1.90	
9	1.20	6.80	86.51	13.25	23.52	5.20	9.65	6.80	11.36	5.00	2.50	1.90	
10	1.20	9.08	57.40	10.79	17.75	5.20	9.36	6.60	11.36	4.80	2.50	1.90	
11	1.20	5.40	35.24	9.08	16.25	5.20	8.22	6.40	10.22	4.60	2.30	1.80	
12	2.10	5.60	16.25	7.94	40.60	5.20	8.22	6.40	10.51	4.60	2.30	1.80	
13	2.00	6.40	8.22	7.94	64.30	5.20	6.80	6.20	10.51	4.40	2.30	1.60	
14	1.40	5.80	6.80	7.65	29.26	9.65	6.40	6.20	9.93	4.40	2.30	1.50	
15	1.40	4.40	7.09	7.09	23.52	11.65	9.65	6.20	8.79	4.60	2.30	1.50	
16	1.40	3.60	7.09	6.60	20.00	12.88	26.16	6.20	8.79	4.20	2.20	1.50	
17	1.60	3.20	6.60	5.80	16.25	31.56	18.50	6.20	8.51	4.00	2.20	1.50	
18	2.30	3.00	5.80	5.60	18.12	29.72	15.88	6.20	7.94	4.00	2.10	1.50	
19	1.80	2.60	5.60	4.40	12.50	138.17	14.38	6.40	7.37	4.00	2.10	1.50	
20	2.60	3.20	5.60	3.80	11.08	47.36	13.62	6.60	6.80	4.00	2.10	1.40	
21	1.50	3.60	5.60	11.93	11.08	25.28	17.00	6.20	6.80	3.80	2.10	1.90	
22	1.40	3.80	5.60	9.08	9.65	18.50	16.25	6.00	7.09	3.80	2.10	2.00	
23	1.30	3.00	5.40	6.60	9.36	16.25	15.88	5.60	6.80	3.80	2.10	1.90	
24	1.40	2.40	5.60	5.80	9.08	12.50	14.75	5.80	6.80	3.80	2.10	2.00	
25	1.40	3.20	5.60	4.00	8.22	24.40	12.50	8.51	6.80	4.80	2.10	2.00	
26	2.80	3.20	10.79	6.80	6.80	39.04	11.93	12.22	5.80	4.20	2.10	2.00	
27	2.10	2.30	7.65	6.40	6.80	18.50	11.36	9.65	7.09	3.80	2.10	2.40	
28	1.90	3.20	6.20	5.80	6.00	13.25	10.51	9.08	8.22	3.60	2.10	2.40	
29	1.80	2.60	6.40	9.65	5.80	14.38	9.65	8.22	6.80	3.60	2.10	2.20	
30	2.80	6.60	6.80	24.40	6.80	14.38	9.36	7.94	6.60	3.60	2.10	2.50	
31		5.40		38.00	6.80		8.79		6.20	3.60		2.40	
Total	49.10	120.28	497.33	421.13	649.98	549.27	360.88	219.70	293.81	139.60	66.70	59.00	3426.78 CMSDAY
Mean	1.64	3.88	16.58	13.58	20.97	18.31	11.64	7.32	9.48	4.50	2.38	1.90	9.39 CMS
Max	2.80	9.08	86.51	58.60	64.30	138.17	26.16	12.22	18.50	6.20	3.20	2.50	138.17 CMS
Min	1.20	2.10	5.40	3.80	5.80	5.20	6.40	5.60	5.80	3.60	2.10	1.40	1.20 CMS
Runoff	4.24	10.39	42.97	36.39	56.16	47.46	31.18	18.98	25.39	12.06	5.76	5.10	296.07 MCM
Momentary Peak	240.00 CMS. at 4.35 m. (A.D.) at 15.00 Hours , on Sep 19, 2005												
Runoff Yield	55.88 Liters/Second/Square KM.			Momentary Peak Yield 1428.571 Liters/Second/Square KM.									



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.35	2.40	2.16	14.47	2.64	4.53	5.19	1.75	1.45	1.20	1.05	
2	0.23	0.41	2.76	2.16	14.80	2.40	3.96	4.69	2.16	1.45	1.20	1.05	
3	0.23	0.41	8.67	2.16	12.52	2.52	4.69	4.20	6.02	1.45	1.20	1.05	
4	0.23	0.41	7.01	2.28	18.37	2.64	3.96	3.72	3.48	1.45	1.20	1.05	
5	0.26	0.41	7.17	11.97	13.82	2.52	3.96	3.48	3.00	1.45	1.20	1.05	
6	0.26	0.41	5.36	18.70	12.20	2.16	3.36	3.24	2.64	1.40	1.20	1.05	
7	0.20	0.50	7.34	9.62	10.09	1.92	3.36	3.12	2.88	1.40	1.20	1.05	
8	0.20	0.85	2.64	9.85	9.85	1.75	3.36	3.00	3.00	1.40	1.20	1.05	
9	0.20	1.40	11.73	5.85	8.67	1.75	3.24	2.76	2.64	1.40	1.20	1.05	
10	0.20	2.76	6.51	4.86	8.44	1.70	3.24	2.52	2.64	1.40	1.20	1.05	
11	0.20	4.36	4.69	4.20	6.67	1.65	2.88	2.28	2.40	1.40	1.20	1.05	
12	0.23	5.85	4.86	3.72	6.67	1.75	2.76	2.40	2.52	1.40	1.20	1.00	
13	0.26	3.84	3.60	3.36	11.02	1.92	2.64	2.40	2.52	1.40	1.30	0.95	
14	0.20	1.65	4.86	3.36	14.47	5.36	2.52	2.40	2.16	1.40	1.30	0.95	
15	0.20	0.90	8.67	3.00	10.79	6.02	4.08	2.40	2.04	1.40	1.25	0.95	
16	0.20	0.71	5.19	2.76	8.44	6.51	4.69	2.28	1.92	1.35	1.15	0.95	
17	0.23	0.90	11.02	2.64	7.50	9.85	4.08	2.04	1.80	1.35	1.15	0.90	
18	0.23	0.80	5.52	2.28	6.35	9.85	4.53	1.92	1.75	1.35	1.15	0.90	
19	0.26	1.25	4.53	2.52	5.19	40.95	4.53	2.16	1.75	1.30	1.10	0.90	
20	0.26	0.95	4.86	4.53	4.20	11.26	4.86	2.28	1.75	1.30	1.10	0.90	
21	0.26	0.80	4.08	5.19	3.96	8.67	4.86	2.28	1.70	1.30	1.10	0.85	
22	0.26	0.65	3.60	7.97	3.60	7.97	6.84	2.16	1.65	1.25	1.10	0.90	
23	0.26	0.62	5.52	7.17	3.60	7.01	6.18	2.16	1.70	1.25	1.10	0.95	
24	0.26	0.62	3.60	5.36	3.60	6.02	5.85	2.16	1.55	1.25	1.10	0.90	
25	0.26	0.59	4.20	4.86	3.36	5.36	5.36	2.16	1.50	1.30	1.10	0.90	
26	0.26	0.59	4.53	5.03	3.36	4.86	4.53	2.16	1.50	1.30	1.10	0.90	
27	0.26	0.59	3.48	4.86	3.24	10.55	4.36	2.04	1.80	1.30	1.05	0.90	
28	0.26	0.59	2.88	5.52	3.12	7.97	3.84	2.04	1.55	1.25	1.05	0.95	
29	0.32	0.56	2.40	12.85	2.88	5.85	3.72	2.04	1.50	1.25	1.10	1.00	
30	0.35	0.56	2.40	31.50	3.00	4.86	4.36	2.28	1.50	1.25	1.10	1.00	
31		5.68		29.83	2.88		4.53		1.50	1.25		0.95	
Total	7.23	40.97	156.08	222.12	241.13	186.24	129.66	79.96	68.27	41.85	32.60	30.15	1236.26 CMSDAY
Mean	0.24	1.32	5.20	7.17	7.78	6.21	4.18	2.67	2.20	1.35	1.16	0.97	3.39 CMS
Max	0.35	5.85	11.73	31.50	18.37	40.95	6.84	5.19	6.02	1.45	1.30	1.05	40.95 CMS
Min	0.20	0.35	2.40	2.16	2.88	1.65	2.52	1.92	1.50	1.25	1.05	0.85	0.20 CMS
Runoff	0.63	3.54	13.49	19.19	20.83	16.09	11.20	6.91	5.90	3.62	2.82	2.61	106.81 MCM
Momentary Peak	89.50	CMS. at 2.35 m. (A.D.) at 09.00 Hours , on Sep 19, 2005											
Runoff Yield	172.10	Liters/Second/Square KM. Momentary Peak Yield 4547.764 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.80	4.80	26.10	18.00	29.10	30.30	57.80	88.80	281.60	159.90	43.20	36.00		
2	5.60	4.70	31.20	17.00	48.00	30.00	63.10	90.80	247.00	135.00	42.00	34.20		
3	5.60	4.70	37.50	16.00	58.90	27.30	67.30	75.20	227.80	123.50	42.00	32.70		
4	5.60	4.40	45.30	15.20	44.70	23.50	88.00	82.00	244.00	126.50	42.00	31.80		
5	5.60	4.30	34.20	14.50	34.80	21.20	100.10	108.20	263.00	142.50	42.00	30.30		
6	5.60	4.40	54.30	13.80	28.80	23.00	82.00	92.50	273.90	146.00	41.40	29.10		
7	5.40	4.40	65.20	15.00	24.30	45.90	61.00	82.00	264.00	127.00	40.50	28.50		
8	5.40	4.80	47.40	17.20	21.70	48.00	63.10	69.20	258.00	158.80	39.60	27.30		
9	5.60	5.40	36.90	16.70	19.30	30.30	127.50	82.80	269.50	190.00	37.80	26.70		
10	5.60	5.80	59.20	16.30	17.70	23.30	153.90	94.30	305.50	194.80	37.20	26.10		
11	5.60	6.20	110.00	14.50	17.00	19.80	144.50	81.20	362.00	193.60	38.10	24.90		
12	5.40	7.40	106.40	13.30	15.50	17.70	125.50	64.50	386.60	189.40	39.60	24.30		
13	5.20	8.20	62.80	12.80	15.00	15.80	120.50	65.60	378.00	174.40	46.20	24.00		
14	5.00	8.00	40.80	18.20	14.50	14.50	100.50	95.20	374.00	146.50	70.40	23.70		
15	4.80	8.80	32.10	24.30	16.70	13.50	78.00	117.00	395.80	118.50	78.40	23.00		
16	4.70	8.00	27.00	38.40	16.50	12.80	104.20	117.00	666.80	99.20	126.00	23.70		
17	4.40	8.80	23.50	38.10	16.30	14.30	151.70	107.80	1170.00	87.60	159.90	23.00		
18	4.40	8.80	24.90	52.50	14.80	21.50	148.00	101.50	1471.00	80.40	181.60	22.30		
19	4.30	13.00	43.50	77.20	14.00	38.70	132.00	75.20	1479.00	74.00	193.00	22.00		
20	4.30	14.50	43.80	70.80	13.30	71.60	156.60	86.00	862.80	69.20	178.00	21.70		
21	4.10	15.20	43.20	107.80	13.00	99.60	169.80	104.60	592.40	65.20	109.60	21.00		
22	4.10	11.00	47.10	127.00	12.80	80.00	185.20	107.30	480.00	61.70	67.00	21.50		
23	3.90	9.30	39.30	118.00	13.00	48.30	198.10	90.80	459.20	58.90	54.00	30.00		
24	3.90	8.80	30.90	92.90	13.30	35.70	196.70	110.00	414.20	55.70	48.90	31.20		
25	3.80	7.80	33.00	66.60	12.80	29.40	199.50	223.60	358.00	53.40	44.70	28.50		
26	3.80	7.20	34.80	48.30	13.00	51.00	216.40	280.50	331.50	52.50	42.30	29.40		
27	3.90	7.60	30.60	39.60	32.40	74.00	221.20	301.60	310.70	54.00	42.00	32.10		
28	4.30	7.20	27.00	32.70	46.50	61.70	196.70	310.70	288.60	51.60	39.60	35.70		
29	4.40	6.80	22.80	28.50	38.40	57.10	151.10	316.50	263.00	48.90		41.40		
30	5.00	6.60	19.50	24.60	32.10	56.40	111.50	306.80	224.40	46.80		33.60		
31		9.70		23.50	29.70		85.60		194.20	44.70		30.90		
Total	145.10	236.60	1280.30	1229.30	737.90	1136.20	4057.10	3929.20	14096.50	3330.20	1967.00	870.60	33016.00	CMSDAY
Mean	4.80	7.60	42.70	39.70	23.80	37.90	130.90	131.00	454.70	107.40	70.30	28.10	90.50	CMS
Max	5.80	15.20	110.00	127.00	58.90	99.60	221.20	316.50	1479.00	194.80	193.00	41.40	1479.00	CMS
Min	3.80	4.30	19.50	12.80	12.80	12.80	57.80	64.50	194.20	44.70	37.20	21.00	3.80	CMS
Runoff	12.54	20.44	110.62	106.21	63.75	98.17	350.53	339.48	1217.94	287.73	169.95	75.22	2852.58	MCM
Momentary Peak	316.50	CMS.	CMS.	at 6.63 m. (A.D.)	at 06.00 Hours ,	on Nov 29 ,	2005							
Runoff Yield	65.83	Liters/Second/Square KM.			Momentary Peak Yield	230.349	Liters/Second/Square KM.							

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Upper Khlong Nang Noi at Ban Ton Pring , Trang (X.229)

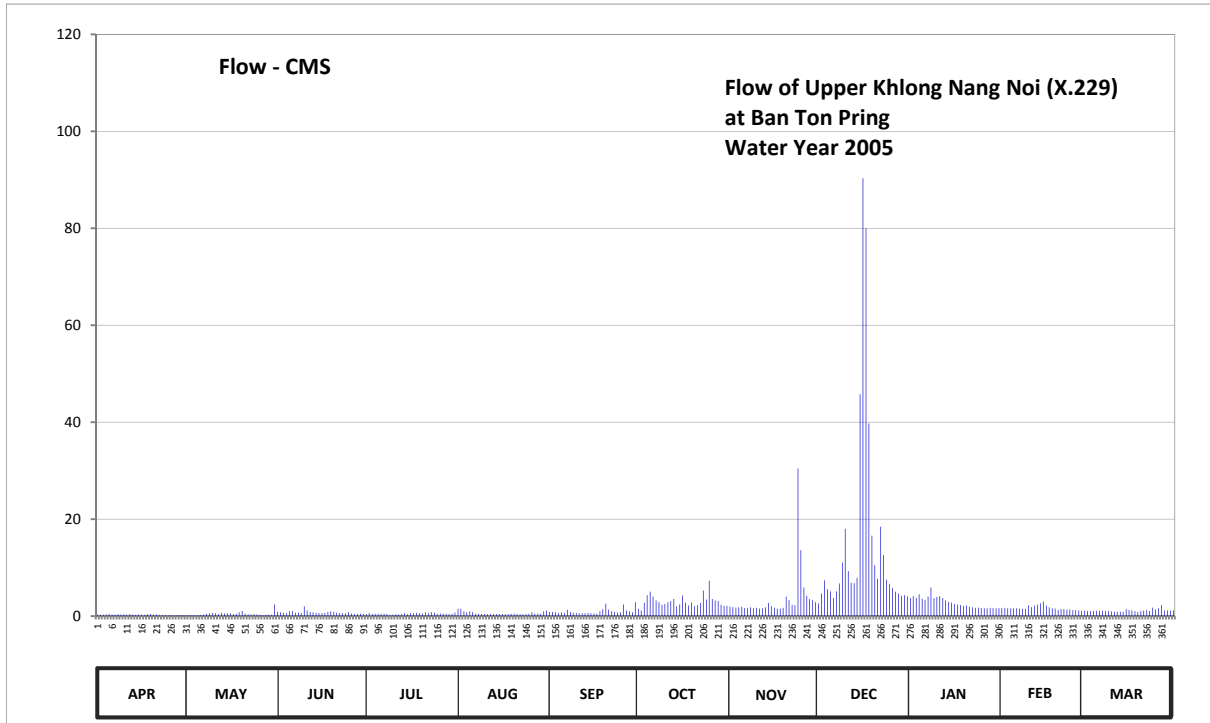
Lat 07 - 32 - 53 N Long 99 - 44 - 40 E

Location : on left bank at Ban Ton Pring.

	Ban Ton Pring	Amphoe Na Yong	Changwat Trang
Drainage Area	158 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+0.000 m. (A.D.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+6.186 m. (A.D.)
Gage Reading Frequency	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.		
Basis of Mean Daily Gage Height	Arithmetic mean of 5 readings		
Period of Available Gage Records	2003 to date		
Rating Operation			
Period of Rating	2003 to date		
Rated by Flot	-		
Rated by Current Meter	2003 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +6.220 m.(A.D.) records are channel flow only.No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 68 discharge measurements made in 2005.		

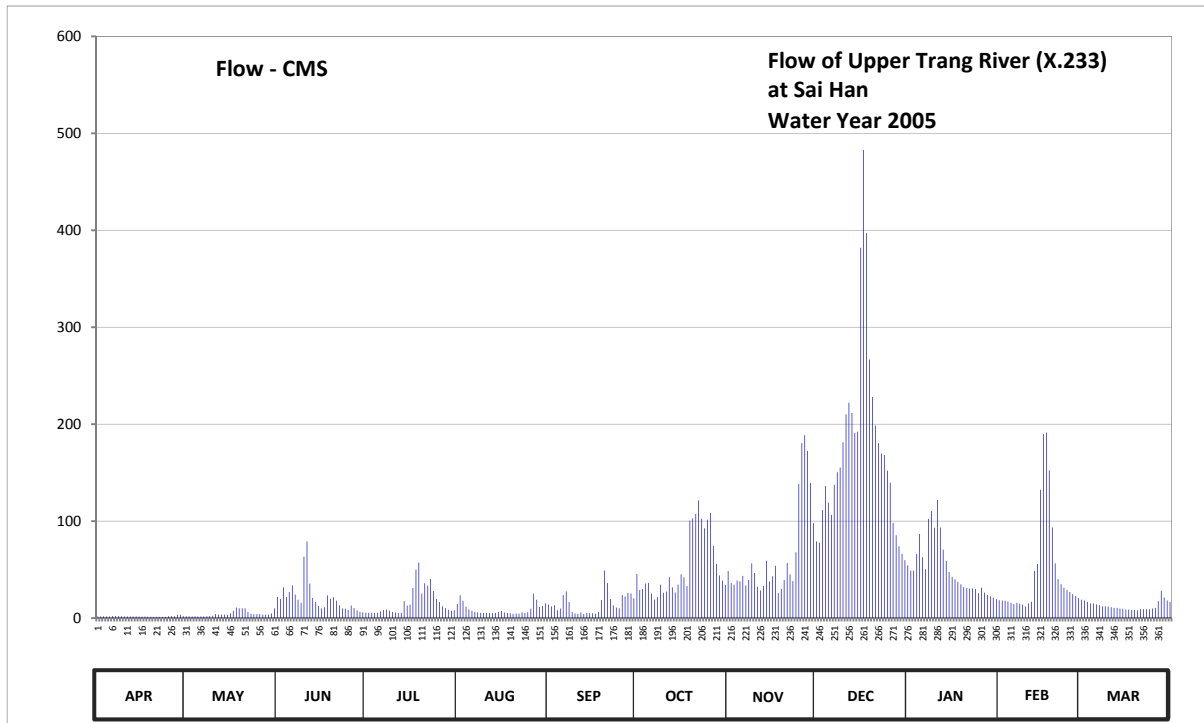
Gage Height in Meter (A.D.) Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.41	0.37	0.55	0.43	0.68	0.54	0.68	0.77	0.89	1.07	0.71	0.61	
2	0.41	0.37	0.52	0.49	0.68	0.54	0.61	0.75	1.22	1.14	0.72	0.59	
3	0.40	0.38	0.50	0.44	0.57	0.52	0.91	0.73	1.61	1.08	0.70	0.58	
4	0.41	0.37	0.48	0.45	0.52	0.49	1.17	0.74	1.35	1.20	0.70	0.60	
5	0.44	0.37	0.58	0.45	0.57	0.52	1.28	0.77	1.29	1.05	0.70	0.60	
6	0.41	0.38	0.58	0.44	0.54	0.48	1.12	0.71	1.07	1.01	0.70	0.60	
7	0.40	0.41	0.50	0.45	0.45	0.64	0.99	0.71	1.29	1.12	0.69	0.60	
8	0.43	0.45	0.51	0.44	0.45	0.54	0.93	0.74	1.52	1.40	0.68	0.59	
9	0.41	0.47	0.48	0.39	0.44	0.50	0.84	0.71	2.08	1.07	0.68	0.58	
10	0.42	0.49	0.78	0.41	0.44	0.49	0.87	0.72	2.80	1.11	0.82	0.57	
11	0.40	0.47	0.62	0.42	0.42	0.47	0.93	0.69	1.86	1.14	0.75	0.55	
12	0.43	0.43	0.54	0.41	0.43	0.47	0.96	0.70	1.54	1.07	0.81	0.55	
13	0.41	0.50	0.52	0.43	0.43	0.47	1.04	0.74	1.53	0.99	0.84	0.55	
14	0.40	0.46	0.49	0.48	0.43	0.48	0.78	0.90	1.68	0.94	0.89	0.55	
15	0.41	0.47	0.48	0.43	0.43	0.47	0.85	0.79	4.23	0.91	0.95	0.67	
16	0.40	0.47	0.47	0.48	0.43	0.46	1.16	0.73	5.46	0.87	0.81	0.63	
17	0.39	0.42	0.48	0.47	0.42	0.46	0.91	0.68	5.26	0.84	0.74	0.61	
18	0.42	0.45	0.54	0.49	0.42	0.57	0.82	0.69	3.99	0.83	0.70	0.58	
19	0.43	0.52	0.57	0.47	0.44	0.66	0.92	0.72	2.66	0.80	0.69	0.53	
20	0.41	0.59	0.55	0.46	0.45	0.88	0.79	1.12	2.01	0.81	0.63	0.59	
21	0.41	0.45	0.51	0.52	0.43	0.65	0.83	1.00	1.65	0.77	0.67	0.61	
22	0.39	0.42	0.48	0.49	0.42	0.58	0.90	0.84	2.83	0.74	0.67	0.63	
23	0.36	0.41	0.47	0.53	0.42	0.54	1.31	0.83	2.26	0.72	0.65	0.59	
24	0.36	0.43	0.47	0.50	0.43	0.51	1.02	3.57	1.63	0.73	0.65	0.73	
25	0.36	0.41	0.52	0.44	0.44	0.52	1.60	2.36	1.51	0.71	0.63	0.66	
26	0.35	0.40	0.46	0.46	0.52	0.85	1.04	1.40	1.38	0.70	0.63	0.71	
27	0.35	0.38	0.45	0.45	0.45	0.62	0.99	1.15	1.28	0.70	0.62	0.83	
28	0.36	0.40	0.44	0.45	0.46	0.57	0.97	1.03	1.22	0.72	0.60	0.61	
29	0.38	0.40	0.45	0.44	0.45	0.53	0.84	1.00	1.15	0.71		0.62	
30	0.37	0.40	0.44	0.44	0.44	0.57	0.93	0.80	0.93	1.17	0.70	0.60	
31		0.85		0.51	0.61		0.80		1.13	0.70		0.61	
Mean	0.40	0.44	0.51	0.46	0.48	0.56	0.96	0.97	2.02	0.91	0.72	0.61	
Max	0.44	0.85	0.78	0.53	0.68	0.93	1.60	3.57	5.46	1.40	0.95	0.83	5.46
Min	0.35	0.37	0.44	0.39	0.42	0.46	0.61	0.68	0.89	0.70	0.60	0.53	0.35
Annual Max Momentary Gage Height	6.50												at 18.00 Hours , on Dec 15 , 2005
Zero Gage at Bottom Elevation	0.00						0.26						m. (A.D.)
Left Bank Elevation		6.21											m. (A.D.)
Right Bank Elevation		6.27											m. (A.D.)
Drainage Area						158							Square Kilometers



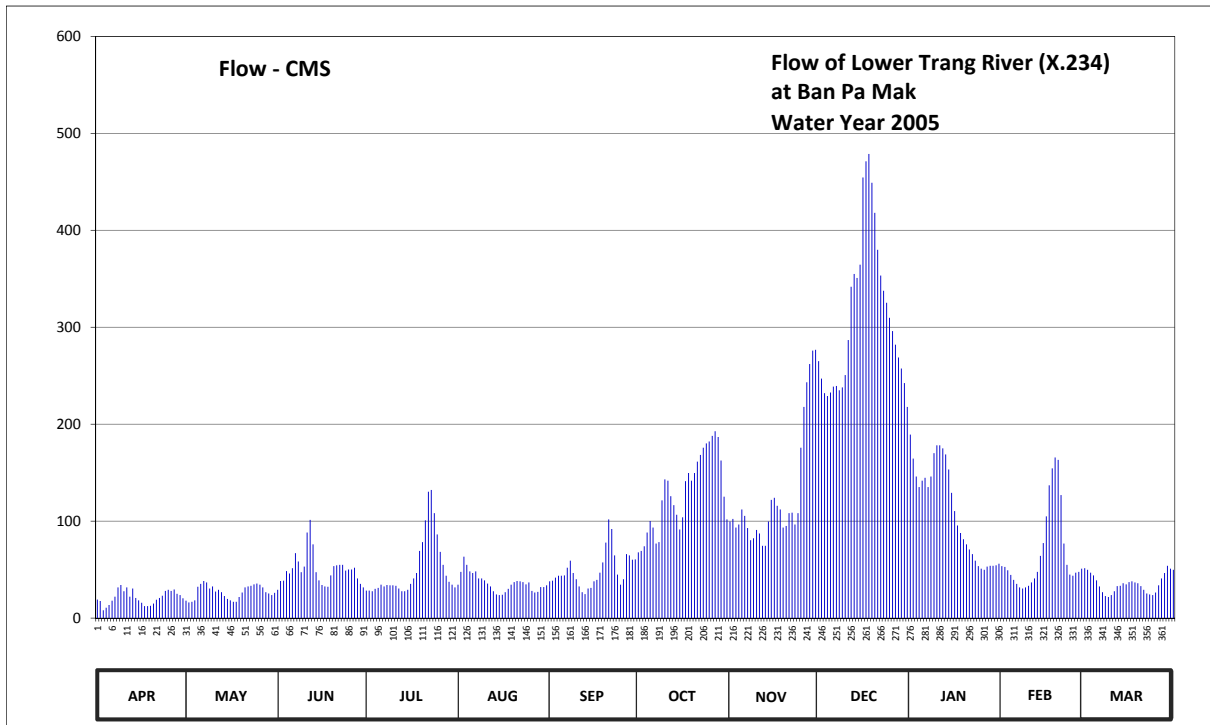
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.34	0.21	0.90	0.42	1.50	0.86	1.50	1.95	2.64	3.72	1.65	1.15	
2	0.34	0.21	0.78	0.66	1.50	0.86	1.15	1.85	4.64	4.14	1.70	1.06	
3	0.30	0.24	0.70	0.46	0.98	0.78	2.76	1.75	7.38	3.78	1.60	1.02	
4	0.34	0.21	0.62	0.50	0.78	0.66	4.32	1.80	5.55	4.50	1.60	1.10	
5	0.46	0.21	1.02	0.50	0.98	0.78	5.06	1.95	5.13	3.60	1.60	1.10	
6	0.34	0.24	1.02	0.46	0.86	0.62	4.02	1.65	3.72	3.36	1.60	1.10	
7	0.30	0.34	0.70	0.50	0.50	1.30	3.24	1.65	5.13	4.02	1.55	1.10	
8	0.42	0.50	0.74	0.46	0.50	0.86	2.88	1.80	6.74	5.90	1.50	1.06	
9	0.34	0.58	0.62	0.27	0.46	0.70	2.34	1.65	11.04	3.72	1.50	1.02	
10	0.38	0.66	2.00	0.34	0.46	0.66	2.52	1.70	18.00	3.96	2.22	0.98	
11	0.30	0.58	1.20	0.38	0.38	0.58	2.88	1.55	9.28	4.14	1.85	0.90	
12	0.42	0.42	0.86	0.34	0.42	0.58	3.06	1.60	6.88	3.72	2.16	0.90	
13	0.34	0.70	0.78	0.42	0.42	0.58	3.54	1.80	6.81	3.24	2.34	0.90	
14	0.30	0.54	0.66	0.62	0.42	0.62	2.00	2.70	7.90	2.94	2.64	0.90	
15	0.34	0.58	0.62	0.42	0.42	0.58	2.40	2.05	45.75	2.76	3.00	1.45	
16	0.30	0.58	0.58	0.62	0.42	0.54	4.26	1.75	90.30	2.52	2.16	1.25	
17	0.27	0.38	0.62	0.58	0.38	0.54	2.76	1.50	80.00	2.34	1.80	1.15	
18	0.38	0.50	0.86	0.66	0.38	0.98	2.22	1.55	39.75	2.28	1.60	1.02	
19	0.42	0.78	0.98	0.58	0.46	1.40	2.82	1.70	16.60	2.10	1.55	0.82	
20	0.34	1.06	0.90	0.54	0.50	2.58	2.05	4.02	10.48	2.16	1.25	1.06	
21	0.34	0.50	0.74	0.78	0.42	1.35	2.28	3.30	7.68	1.95	1.45	1.15	
22	0.27	0.38	0.62	0.66	0.38	1.02	2.70	2.34	18.45	1.80	1.45	1.25	
23	0.18	0.34	0.58	0.82	0.38	0.86	5.27	2.28	12.60	1.70	1.35	1.06	
24	0.18	0.42	0.58	0.70	0.42	0.74	3.42	30.47	7.53	1.75	1.35	1.75	
25	0.18	0.34	0.78	0.46	0.46	0.78	7.30	13.60	6.67	1.65	1.25	1.40	
26	0.15	0.30	0.54	0.54	0.78	2.40	3.54	5.90	5.76	1.60	1.25	1.65	
27	0.15	0.24	0.50	0.50	0.50	1.20	3.24	4.20	5.06	1.60	1.20	2.28	
28	0.18	0.30	0.46	0.50	0.54	0.98	3.12	3.48	4.64	1.70	1.10	1.15	
29	0.24	0.30	0.50	0.46	0.50	0.82	2.34	3.30	4.20	1.65		1.20	
30	0.21	0.30	0.46	0.46	0.98	2.88	2.10	2.88	4.32	1.60		1.10	
31		2.40		0.74	1.15		2.10		4.08	1.60		1.15	
Total	9.05	15.34	22.92	16.35	19.23	30.09	95.19	109.72	464.71	87.50	47.27	36.18	953.55 CMSDAY
Mean	0.30	0.49	0.76	0.53	0.62	1.00	3.07	3.66	14.99	2.82	1.69	1.17	2.61 CMS
Max	0.46	2.40	2.00	0.82	1.50	2.88	7.30	30.47	90.30	5.90	3.00	2.28	90.30 CMS
Min	0.15	0.21	0.46	0.27	0.38	0.54	1.15	1.50	2.64	1.60	1.10	0.82	0.15 CMS
Runoff	0.78	1.33	1.98	1.41	1.66	2.60	8.22	9.48	40.15	7.56	4.08	3.13	82.39 MCM
Momentary Peak	170.00	CMS. at 6.50 m. (A.D.) at 18.00 Hours , on Dec 15 , 2005											
Runoff Yield	16.53	Liters/Second/Square KM. Momentary Peak Yield 175.949 Liters/Second/Square KM.											

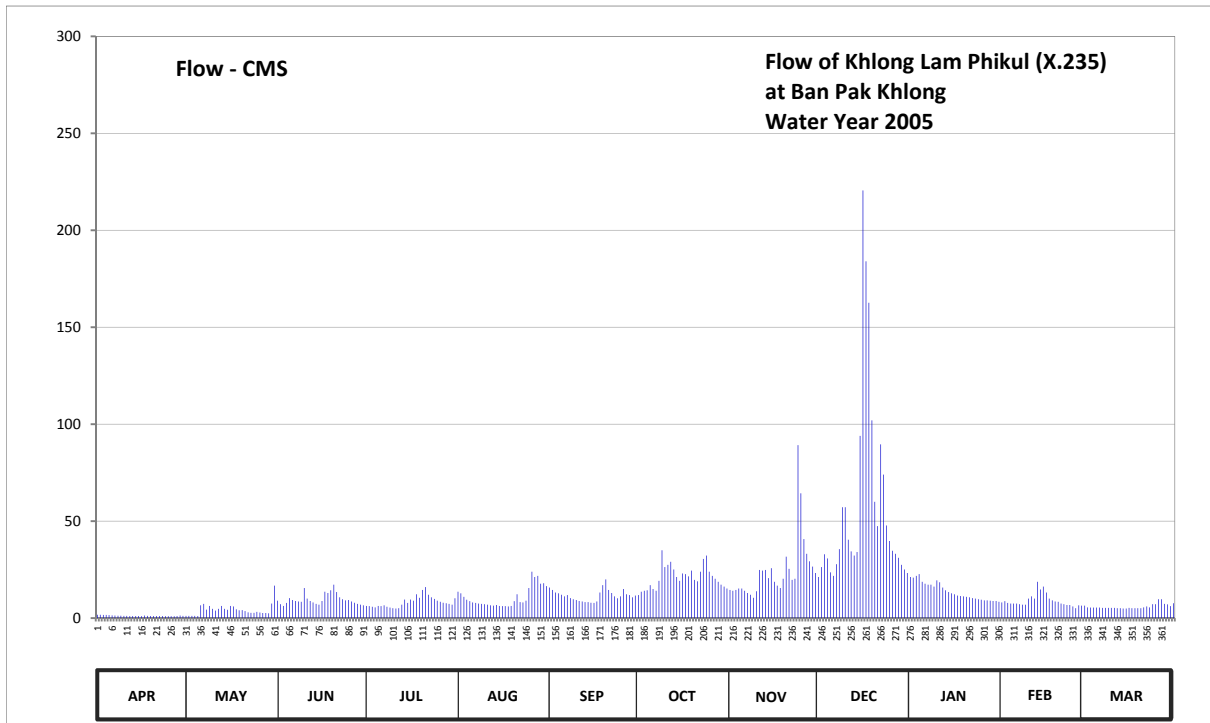


Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.75	2.05	21.80	5.50	14.60	14.00	45.50	48.75	79.26	54.25	18.40	19.00	
2	1.75	1.98	19.60	5.50	23.60	12.00	28.92	36.13	77.96	49.00	18.00	18.20	
3	1.75	1.75	31.62	5.60	17.80	13.20	30.05	34.55	111.35	49.00	18.00	16.80	
4	1.75	1.90	21.80	5.50	11.80	8.07	35.68	38.82	136.20	66.00	17.20	15.20	
5	1.75	1.75	26.90	5.40	8.95	9.83	36.35	37.92	119.10	86.88	15.80	15.20	
6	2.13	1.75	33.88	6.85	7.55	23.80	25.20	43.50	106.40	62.88	14.40	14.20	
7	2.13	1.75	24.20	8.43	6.50	27.57	19.20	33.65	137.48	50.25	15.80	13.40	
8	2.13	1.90	19.00	8.78	6.00	16.60	21.60	39.28	150.47	102.27	14.80	12.20	
9	1.90	2.13	15.80	7.73	5.40	6.30	34.55	56.50	155.35	110.52	13.80	12.00	
10	1.75	2.50	63.40	6.40	5.30	4.80	26.00	46.50	181.40	93.20	12.00	11.80	
11	1.75	4.10	79.00	5.70	5.30	4.50	27.35	32.30	210.10	121.80	15.20	11.20	
12	1.75	3.70	35.68	5.40	5.10	5.80	42.25	28.47	222.20	93.47	16.80	10.60	
13	1.75	3.70	20.80	5.50	5.10	4.30	31.62	33.20	211.50	70.68	48.75	10.60	
14	1.75	3.70	16.80	17.40	5.30	5.30	26.45	59.25	191.00	59.00	55.75	9.83	
15	1.67	3.50	12.60	12.80	6.30	5.10	34.55	37.70	192.20	47.50	132.30	9.65	
16	1.67	4.90	10.00	13.80	7.20	4.90	45.25	43.00	382.00	42.50	189.80	8.95	
17	1.60	7.55	11.20	30.95	5.80	4.50	42.00	54.00	482.90	40.00	191.40	8.78	
18	1.53	10.80	23.40	50.00	5.30	6.40	33.20	25.80	397.00	37.25	152.42	8.43	
19	1.45	10.00	20.00	57.25	4.90	18.60	100.62	30.27	266.63	34.78	93.47	8.43	
20	1.38	10.00	21.60	25.20	4.50	49.25	102.82	39.28	228.00	31.85	56.50	8.07	
21	1.30	10.00	18.00	35.90	4.70	36.13	107.50	57.00	198.53	30.95	40.25	9.30	
22	1.30	6.30	13.20	33.43	4.60	19.60	121.50	45.00	180.60	30.50	35.00	9.30	
23	1.23	4.40	10.00	40.50	6.00	13.20	102.55	38.15	169.88	30.50	31.40	9.30	
24	1.23	4.00	9.65	28.02	5.20	10.80	92.65	67.82	168.10	30.05	28.92	9.13	
25	1.90	3.90	8.43	19.80	6.00	10.20	101.45	138.45	152.10	25.80	26.90	9.83	
26	1.90	3.90	13.00	16.60	9.65	23.80	108.60	180.60	139.75	31.40	24.80	10.60	
27	1.90	3.60	10.40	12.00	25.20	22.20	74.58	188.60	98.15	26.22	22.80	17.40	
28	3.50	3.50	8.07	10.20	19.00	26.00	56.00	172.50	85.50	23.80	20.60	28.25	
29	3.50	3.70	6.50	8.60	11.40	25.40	44.00	139.43	74.06	22.40		21.20	
30	2.20	4.70	5.90	7.55	12.60	20.40	38.82	97.88	66.26	21.00		18.20	
31		10.00		8.07	15.40		34.33		59.76	19.40		16.60	
Total	55.05	139.41	632.23	510.36	282.05	452.55	1671.14	1924.30	5431.19	1595.10	1341.26	401.65	14436.29 CMSDAY
Mean	1.84	4.50	21.07	16.46	9.10	15.09	53.91	64.14	175.20	51.45	47.90	12.96	39.55 CMS
Max	3.50	10.80	79.00	57.25	25.20	49.25	121.50	188.60	482.90	121.80	191.40	28.25	482.90 CMS
Min	1.23	1.75	5.90	5.40	4.50	4.30	19.20	25.80	59.76	19.40	12.00	8.07	1.23 CMS
Runoff	4.76	12.05	54.63	44.10	24.37	39.10	144.39	166.26	469.26	137.82	115.89	34.70	1247.30 MCM
Momentary Peak		555.00	CMS.	at 12.10 m. (A.D.)	at 23.00 Hours								on Dec 17, 2005
Runoff Yield		26.76	Liters/Second/Square KM.		Momentary Peak Yield	375.464	Liters/Second/Square KM.						

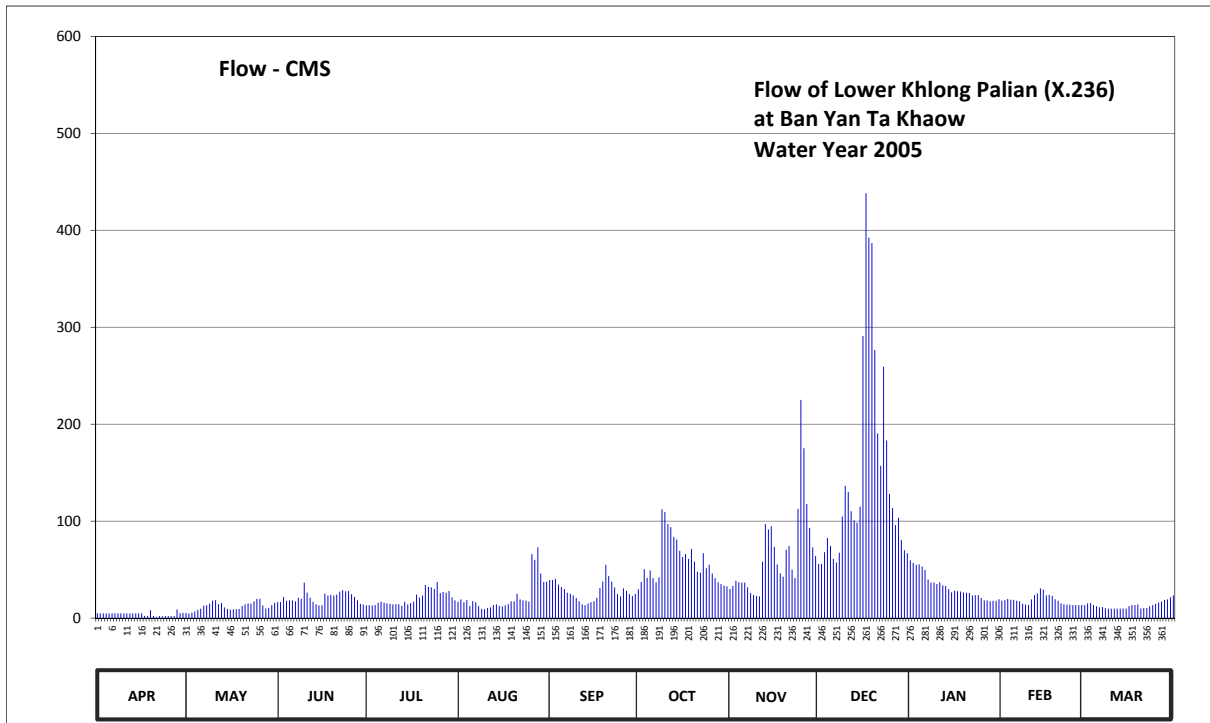


Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	19.20	18.00	29.15	28.45	34.50	37.88	67.90	99.70	265.05	189.35	53.60	51.48		
2	17.70	16.20	38.25	28.45	47.70	38.63	69.32	102.33	247.00	164.50	52.75	49.78		
3	8.00	16.80	38.63	27.75	63.30	41.70	74.07	93.46	232.00	146.00	49.35	46.90		
4	10.75	18.30	48.50	30.20	54.88	43.70	88.36	96.55	229.00	135.20	44.50	44.10		
5	13.50	32.30	46.10	31.25	48.10	43.70	100.23	112.05	232.75	141.80	39.38	39.00		
6	18.00	35.25	51.48	34.50	46.50	44.10	93.46	105.47	238.75	144.80	35.25	32.65		
7	22.10	38.25	66.95	32.65	48.10	51.90	76.97	92.95	239.50	135.20	31.60	26.70		
8	31.60	36.75	58.35	34.13	40.90	59.25	78.44	80.40	235.00	146.00	30.55	22.75		
9	34.13	30.55	47.30	33.75	40.90	46.50	121.40	82.36	238.00	170.13	31.60	21.78		
10	27.75	32.65	53.18	33.75	39.00	40.13	143.00	90.91	250.75	178.30	33.38	23.72		
11	31.60	27.40	88.36	33.38	35.63	32.65	141.80	87.34	286.75	178.30	36.75	27.75		
12	22.10	29.15	101.28	30.55	32.65	26.70	125.80	74.55	341.85	175.13	40.90	33.00		
13	30.55	26.70	75.99	27.75	27.75	24.70	116.45	74.55	355.05	168.88	47.70	33.38		
14	20.80	22.75	47.30	27.75	24.37	30.55	106.55	99.70	350.92	153.25	64.20	36.00		
15	18.30	19.82	39.00	29.15	23.72	31.25	91.42	121.95	364.50	129.20	77.46	34.88		
16	15.90	18.30	34.13	35.25	24.05	37.88	103.90	124.15	454.50	110.40	104.95	37.13		
17	12.40	16.80	32.65	40.90	26.70	39.38	141.20	115.90	471.25	95.50	137.00	37.88		
18	12.40	16.80	32.30	46.50	30.20	46.90	149.60	112.05	478.75	87.85	154.50	36.75		
19	12.67	21.78	44.10	69.32	34.50	57.45	141.80	93.46	449.00	81.38	165.75	36.00		
20	15.00	26.35	53.60	78.44	37.13	77.95	149.60	94.99	418.05	75.99	163.25	33.00		
21	18.90	31.60	54.45	100.75	38.25	101.80	161.38	108.20	379.90	70.75	126.90	29.15		
22	20.80	32.65	54.88	130.40	37.88	91.93	168.25	108.75	353.40	66.00	76.97	25.35		
23	23.07	33.38	54.88	132.20	37.13	64.65	175.75	96.55	337.73	59.25	54.88	24.37		
24	28.10	34.88	48.93	108.20	34.88	44.90	180.25	108.20	325.35	53.60	44.90	23.72		
25	29.15	35.63	50.20	86.32	36.75	34.50	182.20	175.75	309.70	51.05	43.70	26.35		
26	28.10	34.50	50.20	68.37	28.10	40.13	188.05	217.77	296.10	49.78	46.90	33.75		
27	29.50	31.60	51.90	54.88	26.35	66.00	192.80	243.25	282.10	53.18	47.70	40.90		
28	25.02	26.70	40.90	43.70	27.05	64.65	186.75	262.00	268.92	54.02	51.05	46.50		
29	23.72	25.35	35.25	37.50	31.95	60.15	162.63	275.90	257.50	54.02		54.02		
30	20.47	23.72	31.60	34.50	31.95	60.60	125.25	276.68	242.50	54.45		51.05		
31		26.00		31.60	33.75		101.80		217.77	56.15		49.78		
Total	641.28	836.91	1499.79	1562.29	1124.62	1482.21	4006.38	3827.87	9649.39	3429.41	1887.42	1109.57	31057.14	CMSDAY
Mean	21.38	27.00	49.99	50.40	36.28	49.41	129.24	127.60	311.27	110.63	67.41	35.79	85.09	CMS
Max	34.13	38.25	101.28	132.20	63.30	101.80	192.80	276.68	478.75	189.35	165.75	54.02	478.75	CMS
Min	8.00	16.20	29.15	27.75	23.72	24.70	67.90	74.55	217.77	49.78	30.55	21.78	8.00	CMS
Runoff	55.41	72.31	129.58	134.98	97.17	128.06	346.15	330.73	833.71	296.30	163.07	95.87	2683.34	MCM
Momentary Peak		492.00	CMS. at 7.85 m. (A.D.) at 02.00 Hours , on Dec 18, 2005											
Runoff Yield		30.30	Liters/Second/Square KM.		Momentary Peak Yield	175.184	Liters/Second/Square KM.							



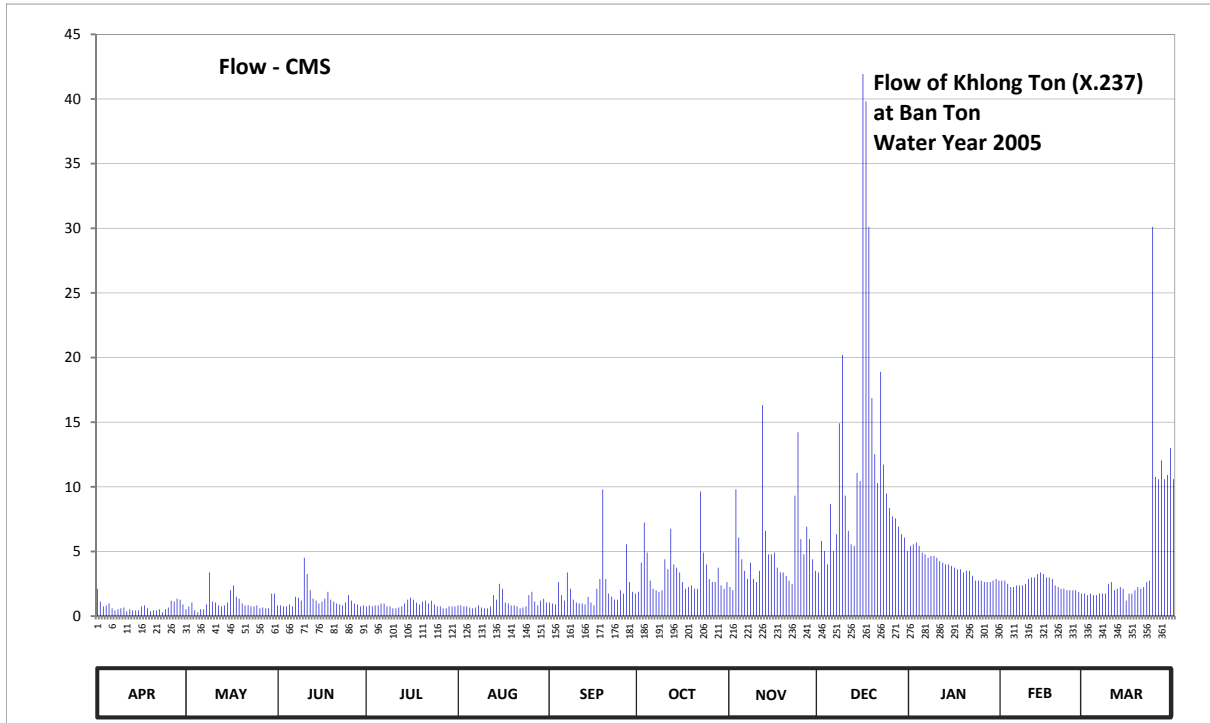
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.70	1.18	9.00	6.30	13.65	15.75	11.85	14.55	21.20	21.20	8.10	6.45		
2	1.70	1.18	7.20	6.15	12.75	14.55	13.65	14.10	26.30	20.90	8.70	5.55		
3	1.62	1.18	6.30	5.85	10.95	13.20	14.10	14.55	32.90	21.80	7.80	5.40		
4	1.62	1.18	7.80	5.55	9.45	12.75	14.33	15.25	30.80	22.70	7.50	5.40		
5	1.55	1.10	10.35	6.30	8.70	12.08	17.00	15.25	23.60	18.75	7.50	5.40		
6	1.40	6.60	9.30	6.15	8.10	11.18	15.00	14.10	21.80	17.75	7.50	5.40		
7	1.32	7.35	8.85	6.60	7.80	11.85	14.10	12.97	27.80	17.25	7.20	5.25		
8	1.25	4.38	8.55	5.85	7.50	10.35	19.25	12.08	35.60	17.25	6.90	5.25		
9	1.25	6.30	8.40	5.40	7.35	9.75	35.00	10.50	57.20	16.25	6.90	5.25		
10	1.18	4.80	15.50	5.10	7.20	9.30	26.30	13.88	57.20	19.50	10.05	5.25		
11	1.18	3.88	10.05	4.95	6.90	8.85	27.50	24.80	40.45	18.50	11.18	5.25		
12	1.10	4.80	8.85	5.10	6.60	8.55	29.00	24.50	34.40	15.75	10.05	5.10		
13	1.10	6.30	8.10	6.90	6.45	8.25	25.10	24.80	32.30	14.33	18.75	5.10		
14	1.03	4.80	7.35	9.60	6.75	8.25	21.20	20.60	34.10	13.42	14.78	4.95		
15	1.03	4.25	6.90	7.80	6.30	7.95	19.25	25.70	94.00	12.75	16.25	4.95		
16	0.95	6.30	8.85	9.60	6.15	7.80	23.00	18.75	220.55	12.30	13.20	5.25		
17	1.32	6.00	13.65	9.00	6.15	8.55	22.70	16.75	184.00	11.63	10.05	5.10		
18	1.18	4.50	12.97	12.30	6.00	13.20	21.50	15.50	162.60	11.40	9.15	5.10		
19	1.10	4.00	14.33	10.50	6.30	17.00	24.50	20.30	102.00	11.18	8.55	5.10		
20	1.10	4.13	17.25	14.55	8.70	20.00	19.75	31.70	60.00	10.95	8.40	5.10		
21	1.10	3.63	13.42	16.00	12.30	14.55	19.00	25.40	47.45	10.72	7.50	5.55		
22	1.03	3.00	10.72	12.08	8.25	12.97	23.90	19.75	89.60	10.35	7.20	6.00		
23	1.03	2.75	9.75	10.72	8.10	11.18	30.50	20.30	74.00	10.05	6.75	5.55		
24	0.95	2.75	9.15	9.90	9.00	10.20	32.30	89.20	47.80	9.75	6.75	7.20		
25	0.95	3.25	9.30	9.00	15.50	11.18	23.90	64.40	39.75	9.45	6.00	7.20		
26	0.95	2.87	8.55	8.40	23.90	15.00	21.80	40.80	34.70	9.15	5.10	9.75		
27	0.95	2.62	7.95	7.95	21.20	12.30	20.30	33.20	33.20	9.15	6.60	9.75		
28	1.10	2.62	7.35	7.65	21.80	11.85	18.75	29.30	31.10	9.00	6.45	7.35		
29	1.32	2.50	6.90	7.35	17.75	10.72	17.25	26.60	27.50	8.85		7.05		
30	1.18	7.50	6.60	6.90	18.00	11.63	16.25	23.30	25.10	8.85		6.15		
31		16.75		10.20	16.50		15.25		23.30	8.40		7.65		
Total	36.24	134.45	289.24	255.70	332.05	350.74	653.28	732.88	1772.30	429.28	250.86	184.80	5421.82	CMSDAY
Mean	1.21	4.34	9.64	8.25	10.71	11.69	21.07	24.43	57.17	13.85	8.96	5.96	14.85	CMS
Max	1.70	16.75	17.25	16.00	23.90	20.00	35.00	89.20	220.55	22.70	18.75	9.75	220.55	CMS
Min	0.95	1.10	6.30	4.95	6.00	7.80	11.85	10.50	21.20	8.40	5.10	4.95	0.95	CMS
Runoff	3.13	11.62	24.99	22.09	28.69	30.30	56.44	63.32	153.13	37.09	21.67	15.97	468.45	MCM
Momentary Peak	262.45 CMS. at 6.27 m. (A.D.) at 15.00 Hours , on Dec 16 , 2005													
Runoff Yield	127.49 Liters/Second/Square KM.			Momentary Peak Yield 2252.596 Liters/Second/Square KM.										



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

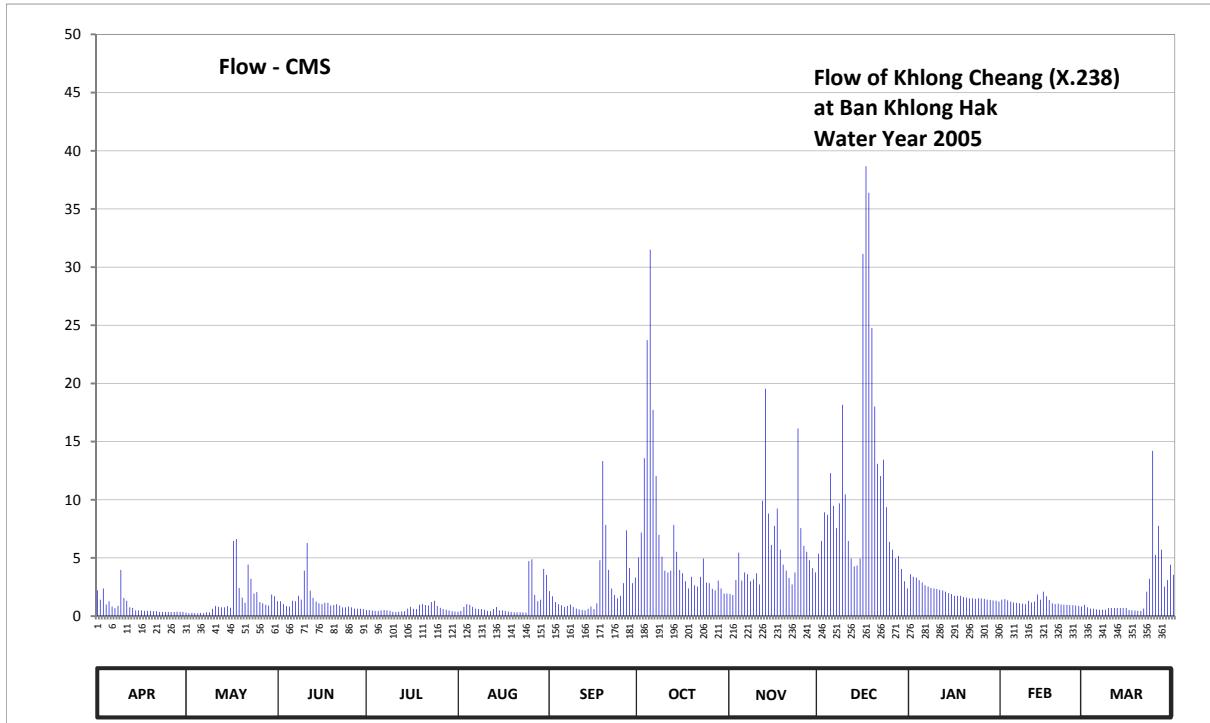
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.00	5.30	16.50	13.20	16.75	39.20	29.80	30.10	56.00	59.50	18.00	13.40		
2	5.00	4.70	16.50	13.40	19.25	39.20	37.30	33.10	56.00	57.00	18.50	15.25		
3	5.00	5.60	21.75	13.00	16.25	40.40	50.50	38.40	68.00	55.00	19.75	15.50		
4	5.00	6.95	17.75	13.60	18.50	34.50	41.60	36.95	82.70	55.50	19.00	13.40		
5	5.00	8.45	18.25	15.75	12.60	32.05	49.15	36.60	74.50	53.20	18.75	12.20		
6	5.00	9.65	18.25	17.00	17.50	29.80	41.20	36.60	61.00	49.60	18.00	11.20		
7	5.00	12.80	17.25	16.00	16.25	26.20	36.95	31.70	57.50	40.00	17.25	11.40		
8	5.00	13.20	21.00	15.25	12.40	25.00	42.00	25.90	67.50	36.60	14.80	10.25		
9	5.00	15.00	20.00	14.60	9.50	23.50	112.25	23.75	104.80	36.60	14.00	9.80		
10	5.00	18.00	36.60	14.20	9.20	20.75	109.35	22.75	136.55	35.20	13.60	9.80		
11	5.00	18.50	26.20	14.40	10.55	17.25	97.00	22.50	130.25	36.95	19.25	9.80		
12	5.00	14.40	21.00	14.40	11.00	14.20	93.70	58.00	110.25	33.80	23.75	9.80		
13	5.00	15.50	16.75	12.60	13.60	13.40	83.80	97.00	100.90	33.10	25.60	9.80		
14	5.00	11.00	14.20	16.75	14.20	15.25	81.05	91.50	98.30	29.80	30.70	9.95		
15	5.00	9.35	13.00	14.20	12.60	16.50	69.50	94.80	115.00	26.50	29.50	9.95		
16	5.00	8.60	13.20	15.50	12.00	17.50	63.00	73.50	291.00	28.30	23.50	12.40		
17	2.30	9.05	25.30	17.00	13.20	21.00	66.00	55.50	438.40	27.70	24.00	13.60		
18	2.30	9.05	23.25	24.25	14.40	31.00	61.00	46.00	392.40	27.40	23.00	13.60		
19	8.00	9.35	23.75	21.25	17.25	37.65	71.50	42.80	386.85	26.50	19.50	14.00		
20	2.20	12.60	23.25	23.25	17.25	55.00	58.00	70.50	276.60	26.20	18.00	9.95		
21	1.30	14.20	24.25	34.15	25.00	43.60	47.80	74.50	190.40	25.90	15.25	10.25		
22	2.20	15.25	27.40	32.40	19.25	37.65	46.90	50.05	157.10	23.50	14.20	10.40		
23	1.90	14.80	28.90	31.70	18.25	31.70	67.00	41.20	259.20	23.75	13.80	12.20		
24	2.20	17.25	27.70	30.10	18.00	24.75	51.40	112.75	183.20	23.75	13.80	13.40		
25	2.20	19.75	28.00	37.30	17.00	22.50	55.00	225.15	128.00	20.75	13.40	14.60		
26	2.20	20.00	24.75	25.90	66.00	30.70	46.00	175.25	113.50	18.25	13.40	16.00		
27	2.30	13.00	22.00	27.10	60.00	28.00	41.20	117.70	95.90	18.25	13.40	17.00		
28	8.90	9.95	18.25	26.20	73.00	24.75	36.95	93.15	103.50	17.50	13.60	18.75		
29	4.90	10.55	14.60	28.00	46.00	22.75	35.20	73.00	80.50	17.75		19.25		
30	5.45	13.40	14.00	21.25	37.30	25.00	33.45	64.00	70.00	17.75		21.50		
31		15.75		18.25	37.65		32.75		67.00	19.50		23.50		
Total	128.35	380.95	633.60	631.95	701.70	840.75	1788.30	1994.70	4552.80	1001.10	519.30	411.90	13585.40	CMSDAY
Mean	4.28	12.29	21.12	20.39	22.64	28.03	57.69	66.49	146.86	32.29	18.55	13.29	37.22	CMS
Max	8.90	20.00	36.60	37.30	73.00	55.00	112.25	225.15	438.40	59.50	30.70	23.50	438.40	CMS
Min	1.30	4.70	13.00	12.60	9.20	13.40	29.80	22.50	56.00	17.50	13.40	9.80	1.30	CMS
Runoff	11.09	32.91	54.74	54.60	60.63	72.64	154.51	172.34	393.36	86.50	44.87	35.59	1173.78	MCM
Momentary Peak		484.50	CMS.	at 7.50 m. (A.D.)	at 23.00 Hours	, on Dec 17, 2005								
Runoff Yield		63.30	Liters/Second/Square KM.		Momentary Peak Yield	823.980	Liters/Second/Square KM.							



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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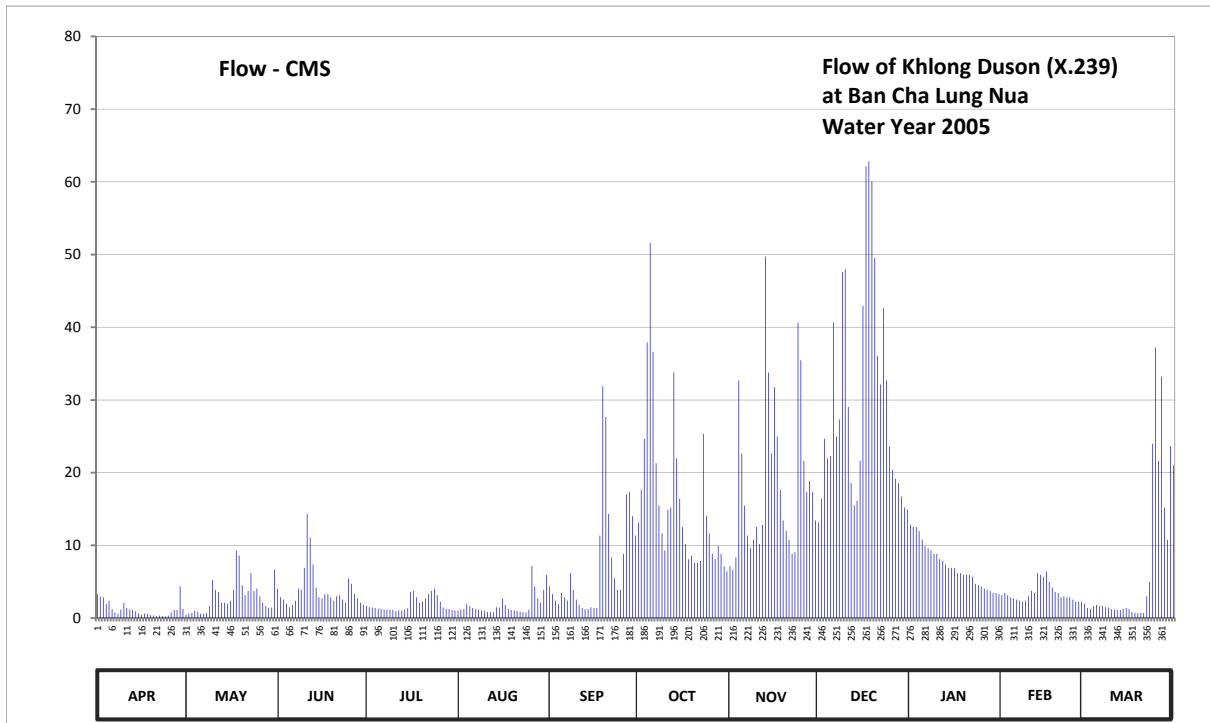
Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.12	0.53	0.83	0.75	0.83	1.05	1.88	2.25	3.38	5.43	2.75	1.75	
2	1.12	0.75	0.83	0.83	0.83	0.98	4.13	2.00	5.82	5.56	2.75	1.62	
3	0.75	1.05	0.75	0.75	0.75	0.90	7.24	9.80	5.04	5.69	2.50	1.75	
4	0.83	0.45	0.75	0.83	0.75	2.63	4.91	6.08	4.00	5.43	2.25	1.62	
5	0.98	0.30	0.90	0.83	0.67	1.62	2.75	4.39	8.68	4.91	2.25	1.62	
6	0.60	0.53	0.75	0.98	0.60	1.20	2.12	3.50	5.04	4.78	2.37	1.75	
7	0.45	0.53	1.50	0.98	0.67	3.38	2.00	2.87	6.34	4.52	2.37	1.75	
8	0.53	0.90	1.42	0.75	0.83	2.12	1.88	4.13	14.92	4.65	2.37	1.75	
9	0.60	3.38	1.20	0.75	0.67	1.27	2.00	2.87	20.20	4.65	2.50	2.50	
10	0.67	1.12	4.52	0.60	0.60	1.05	4.39	2.63	9.32	4.52	2.87	2.63	
11	0.37	1.05	3.25	0.60	0.60	0.98	3.62	3.50	6.60	4.26	3.00	2.00	
12	0.53	0.83	2.00	0.67	0.75	0.98	6.76	16.32	5.56	4.13	3.00	2.12	
13	0.45	0.75	1.35	0.75	1.62	0.90	4.00	6.60	5.43	4.00	3.25	2.25	
14	0.45	0.83	1.20	0.98	1.27	1.50	3.75	4.78	11.08	4.00	3.38	2.12	
15	0.45	1.05	0.98	1.27	2.50	1.05	3.38	4.78	10.44	3.87	3.25	1.20	
16	0.75	2.00	1.12	1.42	2.12	0.83	2.63	4.91	41.94	3.75	3.00	1.75	
17	0.83	2.37	1.35	1.27	1.05	2.12	2.12	3.75	39.82	3.62	3.00	1.75	
18	0.60	1.50	1.88	1.05	0.98	2.87	2.25	3.38	30.12	3.62	2.87	2.00	
19	0.37	1.35	1.27	0.90	0.83	9.80	2.37	3.38	16.87	3.38	2.37	2.25	
20	0.45	0.98	1.12	1.12	0.83	2.87	2.12	3.12	12.52	3.50	2.25	2.12	
21	0.45	0.83	0.98	1.20	0.75	1.75	2.12	2.75	10.28	3.50	2.12	2.25	
22	0.53	0.83	0.90	0.98	0.60	1.50	9.64	2.50	18.90	3.12	2.12	2.63	
23	0.30	0.75	0.83	1.20	0.67	1.27	4.91	9.32	11.72	2.75	2.00	2.75	
24	0.53	0.75	1.05	0.90	0.75	1.27	4.00	14.22	9.48	2.75	2.00	30.12	
25	0.67	0.83	1.62	0.75	1.62	2.00	2.87	5.95	8.36	2.75	2.00	10.76	
26	1.20	0.60	1.20	0.75	1.88	1.75	2.63	4.78	7.72	2.63	2.00	10.60	
27	1.12	0.67	0.98	0.60	1.12	5.56	2.63	6.92	7.56	2.63	1.88	12.04	
28	1.35	0.60	0.90	0.60	0.83	2.63	3.75	5.95	6.92	2.63	1.75	10.60	
29	1.27	0.60	0.75	0.75	1.20	1.88	2.37	4.39	6.34	2.75		10.92	
30	0.90	1.75	0.83	0.75	1.35	1.75	2.12	3.50	6.08	2.87		13.00	
31		1.75		0.75	1.05		2.63		5.04	2.75		10.60	
Total	22.22	32.21	39.01	27.31	31.57	61.46	105.97	155.32	361.52	119.40	70.22	154.57	1180.78 CMSDAY
Mean	0.74	1.04	1.30	0.88	1.02	2.05	3.42	5.18	11.66	3.85	2.51	4.99	3.24 CMS
Max	2.12	3.38	4.52	1.42	2.50	9.80	9.64	16.32	41.94	5.69	3.38	30.12	41.94 CMS
Min	0.30	0.30	0.75	0.60	0.60	0.83	1.88	2.00	3.38	2.63	1.75	1.20	0.30 CMS
Runoff	1.92	2.78	3.37	2.36	2.73	5.31	9.16	13.42	31.24	10.32	6.07	13.36	102.02 MCM
Momentary Peak	133.60	CMS.	at 4.13 m. (A.D.)	at 16.00 Hours ,	on Nov 12 , 2005								
Runoff Yield	36.05	Liters/Second/Square KM.		Momentary Peak Yield	1488.745	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.22	0.30	1.28	0.52	0.37	2.14	5.03	1.90	5.36	3.60	1.42	0.98	
2	1.42	0.25	1.28	0.52	0.45	1.70	7.18	1.82	6.46	3.38	1.45	0.75	
3	2.38	0.27	1.03	0.48	0.80	1.21	13.58	3.10	8.92	3.32	1.35	0.65	
4	1.00	0.25	0.85	0.45	1.03	1.03	23.72	5.44	8.70	3.10	1.25	0.63	
5	1.28	0.25	0.83	0.45	0.98	0.93	31.50	3.05	12.28	2.89	1.17	0.57	
6	0.83	0.27	1.32	0.50	0.80	0.80	17.73	3.75	9.47	2.66	1.14	0.55	
7	0.68	0.25	1.28	0.52	0.65	0.88	12.05	3.60	7.56	2.55	1.10	0.55	
8	0.88	0.33	1.74	0.50	0.60	1.00	6.99	3.00	9.69	2.42	1.07	0.55	
9	3.97	0.33	1.42	0.45	0.60	0.78	5.10	3.16	18.17	2.38	1.03	0.70	
10	1.56	0.63	3.90	0.37	0.55	0.65	3.90	3.68	10.46	2.34	1.32	0.70	
11	1.32	0.88	6.29	0.35	0.45	0.57	3.75	2.72	6.46	2.26	1.17	0.70	
12	0.75	0.80	2.18	0.37	0.42	0.52	3.90	9.91	4.95	2.22	1.25	0.70	
13	0.70	0.75	1.56	0.40	0.60	0.50	7.84	19.56	4.28	2.10	1.86	0.70	
14	0.50	0.75	1.25	0.42	0.78	0.63	5.53	8.81	4.35	1.98	1.42	0.70	
15	0.50	0.85	1.10	0.65	0.50	0.83	3.97	6.12	4.95	1.90	2.10	0.70	
16	0.50	0.72	1.03	0.80	0.50	0.60	3.68	7.75	31.14	1.74	1.70	0.52	
17	0.45	6.46	1.14	0.63	0.45	1.10	3.00	9.25	38.67	1.74	1.39	0.50	
18	0.45	6.63	1.14	0.60	0.40	4.80	2.38	5.70	36.39	1.74	1.10	0.48	
19	0.45	2.42	0.90	0.98	0.35	13.32	3.38	4.43	24.77	1.63	1.03	0.45	
20	0.42	1.59	0.95	1.03	0.33	7.84	2.66	3.90	18.02	1.59	1.07	0.45	
21	0.42	1.14	1.03	0.95	0.33	3.97	2.55	3.27	13.09	1.52	1.00	0.65	
22	0.35	4.43	0.90	0.90	0.33	2.38	3.38	2.72	12.05	1.52	0.98	2.10	
23	0.35	3.21	0.75	1.21	0.33	1.82	4.95	3.75	13.45	1.49	0.98	3.21	
24	0.35	1.94	0.75	1.32	0.30	1.52	2.89	16.13	9.36	1.52	0.95	14.20	
25	0.35	2.06	0.83	0.88	4.73	1.74	2.83	7.56	6.38	1.52	0.93	5.27	
26	0.35	1.21	0.75	0.72	4.88	2.83	2.34	6.03	5.70	1.49	0.90	7.75	
27	0.35	1.10	0.65	0.60	1.82	7.37	2.22	5.53	4.95	1.42	0.88	5.70	
28	0.37	0.98	0.63	0.55	1.28	4.12	3.05	4.80	5.19	1.39	0.83	2.55	
29	0.37	0.90	0.63	0.48	1.42	2.83	2.38	4.12	4.05	1.35		3.10	
30	0.35	1.86	0.60	0.42	4.05	3.32	1.94	3.75	3.00	1.32		4.43	
31		1.70		0.40	3.55		1.94		2.38	1.25		3.55	
Total	25.87	45.51	39.99	19.42	34.63	73.73	197.34	168.31	350.65	63.33	33.84	65.04	1117.66 CMSDAY
Mean	0.86	1.47	1.33	0.63	1.12	2.46	6.37	5.61	11.31	2.04	1.21	2.10	3.06 CMS
Max	3.97	6.63	6.29	1.32	4.88	13.32	31.50	19.56	38.67	3.60	2.10	14.20	38.67 CMS
Min	0.35	0.25	0.60	0.35	0.30	0.50	1.94	1.82	2.38	1.25	0.83	0.45	0.25 CMS
Runoff	2.24	3.93	3.46	1.68	2.99	6.37	17.05	14.54	30.30	5.47	2.92	5.62	96.57 MCM
Momentary Peak	51.46	CMS. at 4.76 m. (A.D.) at 11.00 Hours , on Dec 16 , 2005											
Runoff Yield	39.44	Liters/Second/Square KM. Momentary Peak Yield 662.888 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2005 to March 31, 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.30	0.45	4.05	1.65	1.06	4.35	13.14	7.14	13.14	12.84	3.15	1.95		
2	3.00	0.62	2.85	1.50	1.11	3.30	17.64	6.66	16.42	12.55	3.45	1.39		
3	2.85	0.73	2.55	1.45	1.28	2.40	24.65	8.34	24.65	12.55	3.15	1.28		
4	1.95	1.00	1.95	1.39	1.95	1.95	37.92	32.67	21.97	11.96	2.85	1.65		
5	2.40	0.90	1.50	1.28	1.65	3.45	51.58	22.64	22.30	10.77	2.70	1.80		
6	1.22	0.62	1.80	1.28	1.39	2.85	36.62	15.50	40.67	9.89	2.55	1.65		
7	0.79	0.62	2.40	1.17	1.22	2.40	21.30	11.36	24.98	9.60	2.40	1.65		
8	0.62	0.67	4.05	1.17	1.11	6.18	15.50	9.60	27.33	9.30	2.25	1.50		
9	1.17	1.65	3.90	1.17	1.06	3.90	11.66	10.77	47.62	8.82	2.40	1.45		
10	2.10	5.22	6.90	1.11	1.00	2.55	9.30	12.55	47.97	8.82	3.00	1.22		
11	1.39	3.90	14.32	0.95	0.84	1.80	14.91	10.18	29.05	8.10	3.75	1.17		
12	1.17	3.60	11.07	1.06	0.84	1.39	15.20	12.84	18.55	7.86	3.45	1.11		
13	1.11	2.10	7.38	1.06	0.79	1.22	33.78	49.73	15.50	7.38	6.18	1.11		
14	0.95	2.10	4.20	1.17	1.50	1.28	21.97	33.78	16.12	6.90	5.94	1.28		
15	0.62	1.95	2.85	1.33	1.45	1.50	16.42	22.64	21.63	6.90	5.70	1.39		
16	0.45	2.40	2.70	3.60	2.70	1.39	12.55	31.76	42.96	6.90	6.42	1.22		
17	0.62	3.90	3.30	3.75	1.80	1.39	10.18	24.98	62.12	6.18	4.98	0.84		
18	0.56	9.30	3.30	2.85	1.28	11.36	8.10	17.64	62.80	6.18	4.20	0.73		
19	0.40	8.58	2.85	2.10	1.11	31.89	8.58	13.43	60.08	5.94	3.60	0.73		
20	0.36	4.50	2.40	2.25	1.06	27.67	7.62	11.96	49.53	5.94	3.45	0.73		
21	0.28	3.15	3.00	2.70	1.00	14.32	7.62	10.77	36.04	5.94	2.85	0.73		
22	0.36	3.75	3.15	3.30	0.90	8.34	7.86	8.82	32.15	5.70	3.00	3.00		
23	0.28	6.18	2.55	3.75	0.84	5.46	25.32	9.06	42.62	4.74	2.85	4.98		
24	0.24	3.75	2.10	4.05	0.79	3.90	14.02	40.67	32.67	4.50	2.85	23.98		
25	0.36	4.05	5.46	3.15	1.17	3.90	11.66	35.46	23.64	4.35	2.55	37.20		
26	0.79	3.00	4.74	2.25	7.14	8.82	8.82	21.63	20.38	4.05	2.25	21.63		
27	1.11	2.10	3.30	1.45	4.35	17.03	8.10	17.34	19.16	3.90	2.25	33.22		
28	1.11	1.65	2.70	1.28	2.70	17.34	9.89	18.86	18.55	3.75	2.25	15.20		
29	4.35	1.39	2.10	1.22	2.10	14.02	8.82	17.34	16.73	3.45		10.77		
30	1.28	1.45	1.80	1.11	3.90	11.36	7.14	13.43	15.20	3.45		23.64		
31		6.66		1.06	5.94		6.42		14.91	3.30		21.00		
Total	37.19	91.94	117.22	58.61	57.03	218.71	504.29	559.55	937.44	222.51	96.42	221.20	3122.11	CMSDAY
Mean	1.24	2.97	3.91	1.89	1.84	7.29	16.27	18.65	30.24	7.18	3.44	7.14	8.55	CMS
Max	4.35	9.30	14.32	4.05	7.14	31.89	51.58	49.73	62.80	12.84	6.42	37.20	62.80	CMS
Min	0.24	0.45	1.50	0.95	0.79	1.22	6.42	6.66	13.14	3.30	2.25	0.73	0.24	CMS
Runoff	3.21	7.94	10.13	5.06	4.93	18.90	43.57	48.35	81.00	19.23	8.33	19.11	269.75	MCM
Momentary Peak	65.45	CMS. at 4.02 m. (A.D.) at 09.00 Hours , on Dec 17 , 2005												
Runoff Yield	31.96	Liters/Second/Square KM. Momentary Peak Yield 244.581 Liters/Second/Square KM.												

Suspended Sediment Station Water Year 2005

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Mong at Ban Na Ang , Udon Thani (Kh.18)

Lat 17 - 34 - 41 N Long 102 - 20 - 22 E

Location : on right bank between Phu Pha Dang and Phu Phan about 2 kilometers from Ban Na Ang.

	Ban Na Ang	Amphoe Ban Phu	Changwat Udon Thani
Drainage Area	1,309 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	1999-2005		
Number of observation	105		
R-Square	0.8531		
Remarks	Continued Sediment Station		

$$QS = 6.1941 QW^{1.08840}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	10.89	24.52	25.88	199.56	548.26	15.77	8.10	4.46	0.00	0.00	
2	0.00	0.00	10.61	23.62	23.62	268.90	382.89	17.38	11.74	5.12	0.00	0.00	
3	0.00	0.00	10.05	36.95	38.83	333.12	247.27	17.38	12.03	4.86	0.00	0.00	
4	0.00	0.00	10.33	62.80	53.10	554.87	157.93	16.50	11.18	5.39	0.00	0.00	
5	0.00	0.00	10.89	62.80	41.65	812.76	124.91	15.19	10.89	5.12	0.00	0.00	
6	0.00	0.00	10.05	59.71	33.69	667.13	133.54	18.26	9.77	4.73	0.00	0.00	
7	0.00	0.00	10.05	32.76	25.43	441.76	117.96	17.82	8.66	4.73	0.00	0.00	
8	0.00	0.00	12.31	22.27	21.82	340.39	99.41	16.94	8.66	3.94	0.00	0.00	
9	0.00	0.00	50.06	19.59	20.92	346.47	85.14	16.94	7.83	3.30	0.00	0.00	
10	0.00	0.00	36.48	45.28	19.59	515.65	67.04	20.03	7.28	1.79	0.00	0.00	
11	0.00	0.00	26.33	68.35	17.82	907.87	53.10	22.27	7.28	1.67	0.00	0.00	
12	0.00	0.00	19.14	57.29	18.26	1086.10	41.65	20.03	6.74	0.62	0.00	0.00	
13	0.00	0.00	13.46	82.97	24.07	841.35	33.69	24.97	6.19	0.40	0.00	0.00	
14	0.00	0.00	14.03	170.25	23.62	533.73	29.08	25.88	6.19	0.29	0.00	0.00	
15	0.00	0.00	12.03	209.41	23.62	345.25	24.07	23.17	6.46	0.00	0.00	0.00	
16	0.00	0.00	11.74	160.56	24.52	237.92	22.27	24.07	5.12	0.09	0.00	0.00	
17	0.00	0.00	12.31	69.67	26.79	141.34	21.37	22.27	5.39	0.29	0.00	0.00	
18	0.00	3.17	15.48	33.23	36.48	91.50	20.03	18.70	5.92	0.40	0.00	0.00	
19	0.00	5.66	28.16	23.62	35.55	197.77	18.70	16.06	4.59	0.00	0.00	0.00	
20	0.00	5.66	76.92	33.23	33.23	465.36	16.94	14.90	4.46	0.00	0.00	0.00	
21	0.00	5.66	203.14	123.36	29.99	1009.40	15.19	13.46	4.46	0.00	0.00	0.00	
22	0.00	5.12	220.29	248.36	34.15	1535.29	15.19	12.60	4.46	0.00	0.00	0.00	
23	0.00	7.28	240.00	281.38	54.31	1748.48	14.90	12.03	4.46	0.00	0.00	0.00	
24	0.00	16.94	242.09	271.10	74.93	1207.14	14.61	11.74	4.46	0.00	0.00	0.00	
25	0.00	24.97	195.09	259.03	98.74	627.30	15.19	10.61	4.46	0.00	0.00	0.00	
26	0.00	19.59	193.31	344.04	90.07	325.86	15.48	10.33	4.46	0.00	0.00	0.00	
27	0.00	14.03	200.45	436.52	64.02	172.90	15.48	9.77	4.46	0.00	0.00	0.00	
28	0.00	12.31	124.91	345.25	45.92	172.01	15.19	9.77	4.46	0.00	0.00	0.00	
29	0.00	12.60	54.31	230.67	48.86	340.39	15.19	9.21	4.46	0.00	0.00	0.00	
30	0.00	11.74	32.76	94.44	53.10	537.41	14.90	8.93	4.46	0.00	0.00	0.00	
31		12.03		37.42	108.06		16.06		4.46	0.00	0.00	0.00	
Total	0.00	156.76	2107.67	3970.45	1270.64	17004.98	2412.63	492.98	203.54	47.20	0.00	0.00	27666.85 Tonday
Mean	0.00	5.06	70.26	128.08	40.99	566.83	77.83	16.43	6.57	1.52	0.00	0.00	Ton/day
Max	0.00	24.97	242.09	436.52	108.06	1748.48	548.26	25.88	12.03	5.39	0.00	0.00	1748.48 Ton/day
Min	0.00	0.00	10.05	19.59	17.82	91.50	14.61	8.93	4.46	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Loei River at Ban Na Lak , Loei (Kh.28A)**

Lat 17 - 18 - 32 N Long 101 - 46 - 25 E

Location : on right bank at the bridge of Wang Saphung - Loei Highway.

	Ban Na Lak	Amphoe Wang Saphung	Changwat Loei
Drainage Area	1,271 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	132		
R-Square	0.8389		
Remarks	Continued Sediment Station		

$$QS = 4.5980 QW^{1.39480}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.30	17.40	45.80	49.60	127.10	421.60	871.70	61.20	48.30	34.00	22.30	19.30	
2	11.30	17.40	31.80	43.40	130.30	316.10	528.30	66.60	48.30	32.90	22.30	20.30	
3	11.30	19.30	32.90	39.80	275.30	275.30	467.40	61.20	45.80	32.90	21.30	21.30	
4	10.40	19.30	30.70	38.60	383.40	421.60	358.50	61.20	45.80	31.80	21.30	22.30	
5	9.60	20.30	30.70	42.20	219.80	298.40	316.10	61.20	44.60	30.70	20.30	23.30	
6	8.90	20.30	66.60	56.00	168.10	252.70	421.60	63.90	43.40	29.60	19.30	25.30	
7	8.10	20.30	43.40	161.00	150.60	281.00	480.80	66.60	43.40	28.50	17.40	25.30	
8	8.10	20.30	31.80	193.50	133.70	618.70	328.10	69.40	42.20	27.40	17.40	26.40	
9	8.90	20.30	30.70	127.10	120.50	2865.70	252.70	77.80	42.20	27.40	17.40	26.40	
10	8.90	21.30	86.50	117.30	107.80	10485.50	212.20	86.50	41.00	26.40	17.40	27.40	
11	8.90	21.30	49.60	161.00	114.10	10041.80	186.10	98.50	41.00	25.30	18.40	27.40	
12	9.60	21.30	42.20	133.70	340.10	12079.90	168.10	111.00	39.80	25.30	23.30	27.40	
13	9.60	22.30	35.20	1137.80	637.30	4750.50	212.20	117.30	39.80	24.30	25.30	26.40	
14	9.60	22.30	54.70	713.10	528.30	1224.10	1613.50	120.50	39.80	24.30	29.60	25.30	
15	9.60	22.30	52.10	275.30	286.80	5204.70	1835.90	130.30	38.60	23.30	30.70	23.30	
16	9.60	23.30	36.30	219.80	286.80	2722.50	480.80	120.50	38.60	23.30	29.60	23.30	
17	10.40	23.30	45.80	175.20	275.30	1389.10	364.70	117.30	37.50	23.30	26.40	24.30	
18	10.40	27.40	225.20	120.50	298.40	841.30	310.20	104.70	37.50	23.30	23.30	26.40	
19	10.40	31.80	150.60	77.80	646.70	713.10	263.90	80.70	35.20	23.30	22.30	28.50	
20	9.60	32.90	130.30	56.00	1186.90	4597.60	200.90	69.40	34.00	22.30	22.30	29.60	
21	9.60	44.60	98.50	72.20	751.90	5527.50	140.40	66.60	30.70	22.30	22.30	31.80	
22	9.60	58.60	72.20	143.80	346.20	3927.20	127.10	63.90	30.70	22.30	21.30	31.80	
23	9.60	161.00	54.70	637.30	377.10	1350.50	111.00	61.20	31.80	22.30	21.30	31.80	
24	9.60	98.50	52.10	1506.70	316.10	861.50	98.50	58.60	32.90	22.30	21.30	29.60	
25	8.90	47.10	164.50	573.00	298.40	722.80	95.50	56.00	32.90	22.30	21.30	27.40	
26	8.90	41.00	281.00	1506.70	298.40	480.80	89.50	54.70	34.00	22.30	21.30	24.30	
27	8.90	42.20	212.20	2286.20	150.60	703.50	86.50	53.40	34.00	22.30	21.30	23.30	
28	8.90	32.90	123.80	521.40	133.70	1053.20	83.60	52.10	34.00	22.30	21.30	22.30	
29	8.90	23.30	83.60	292.60	130.30	1363.30	80.70	50.80	34.00	22.30		22.30	
30	8.90	30.70	63.90	193.50	150.60	1769.20	72.20	50.80	34.00	22.30		21.30	
31		38.60		164.50	204.60		66.60		34.00	22.30		21.30	
Total	286.30	1062.90	2459.40	11836.60	9575.20	77560.70	10925.30	2313.90	1189.80	784.90	619.00	786.40	119400.40 Ton/day
Mean	9.50	34.30	82.00	381.80	308.90	2585.40	352.40	77.10	38.40	25.30	22.10	25.40	Ton/day
Max	11.30	161.00	281.00	2286.20	1186.90	12079.90	1835.90	130.30	48.30	34.00	30.70	31.80	12079.90 Ton/day
Min	8.10	17.40	30.70	38.60	107.80	252.70	66.60	50.80	30.70	22.30	17.40	19.30	8.10 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Loei River at Ban Fak loei , Loei (Kh.58A)**

Lat 17 - 29 - 36 N Long 101 - 44 - 17 E

Location : on left bank at the bridge on road.

	Ban	Fak Loei	Amphoe	Mueang	Changwat	Loei
Drainage Area	3,093	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1998-Cont'd					
Actual Measurement	1998-Cont'd					
Using Rating Curve Water Year	2005					
Number of observation	24					
R-Square	0.7271					
Remarks	Continued Sediment Station					

$$QS = 8.2926 QW^{1.28920}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.50	5.50	69.50	117.20	272.20	597.50	4387.90	197.60	132.90	52.70	37.10	40.20	
2	2.50	8.30	94.50	87.10	244.50	711.40	2413.00	184.60	125.00	46.40	37.10	46.40	
3	2.50	8.30	25.60	80.00	307.80	531.30	1928.70	165.60	121.00	43.20	37.10	46.40	
4	2.50	6.90	20.30	105.70	631.20	746.40	1352.00	159.30	113.30	40.20	37.10	43.20	
5	2.50	6.20	16.40	165.60	459.10	877.90	1232.50	178.20	105.70	40.20	37.10	40.20	
6	2.50	6.20	27.00	467.00	315.00	841.50	1141.40	204.20	105.70	37.10	37.10	40.20	
7	2.00	4.90	98.20	711.40	258.30	1378.80	1378.80	217.40	98.20	37.10	34.20	37.10	
8	2.00	4.30	59.30	676.70	237.60	1514.90	1193.30	230.90	94.50	37.10	34.20	34.20	
9	2.00	3.70	56.00	451.20	224.10	3271.30	939.20	217.40	76.40	37.10	34.20	32.70	
10	2.00	2.50	121.00	307.80	204.20	12614.90	805.60	210.80	66.00	37.10	32.70	34.20	
11	2.00	1.50	272.20	389.40	191.10	11987.90	699.80	237.60	62.70	37.10	27.00	40.20	
12	2.00	1.50	191.10	337.00	351.80	12914.40	435.60	230.90	52.70	37.10	25.60	40.20	
13	1.50	2.00	165.60	723.00	976.40	10267.30	542.20	237.60	52.70	37.10	27.00	40.20	
14	1.50	4.30	98.20	1983.30	865.70	3222.40	1556.30	359.20	46.40	34.20	34.20	43.20	
15	1.50	16.40	147.00	769.90	597.50	5275.20	1584.10	608.60	46.40	32.70	37.10	43.20	
16	1.50	6.90	128.90	631.20	482.90	6018.70	964.00	459.10	43.20	32.70	62.70	37.10	
17	1.50	5.50	101.90	642.50	482.90	2586.10	734.70	322.30	49.50	31.30	59.30	34.20	
18	1.50	6.90	230.90	374.20	467.00	2789.40	597.50	244.50	43.20	31.30	59.30	34.20	
19	2.00	11.60	520.50	244.50	631.20	2130.60	475.00	210.80	43.20	31.30	62.70	34.20	
20	2.00	11.60	300.60	197.60	1419.40	6515.10	420.00	204.20	43.20	31.30	62.70	37.10	
21	2.00	10.50	315.00	210.80	1102.80	12119.30	389.40	204.20	40.20	31.30	62.70	43.20	
22	2.00	14.00	197.60	427.80	699.80	9930.50	359.20	197.60	40.20	31.30	62.70	43.20	
23	1.00	80.00	140.90	676.70	597.50	4231.40	315.00	191.10	40.20	31.30	62.70	40.20	
24	1.00	412.30	178.20	1946.90	575.20	2908.30	272.20	191.10	43.20	31.30	59.30	40.20	
25	6.20	147.00	381.80	939.20	564.20	2393.90	258.30	165.60	40.20	31.30	52.70	43.20	
26	25.60	66.00	688.20	1392.30	389.40	1625.90	244.50	136.90	40.20	29.80	52.70	46.40	
27	11.60	46.40	758.10	2528.10	293.40	1378.80	230.90	136.90	37.10	29.80	49.50	46.40	
28	7.60	52.70	459.10	1219.40	272.20	1802.60	244.50	132.90	40.20	31.30	40.20	43.20	
29	6.90	27.00	300.60	676.70	265.20	4127.80	244.50	132.90	52.70	34.20		43.20	
30	6.20	14.00	171.90	443.40	279.30	5434.90	230.90	132.90	62.70	40.20		52.70	
31		22.90		351.80	397.00		204.20		59.30	37.10		46.40	
Total	110.10	1017.80	6336.10	20275.40	15055.90	132746.40	27775.20	6702.90	2018.10	1103.20	1258.00	1266.90	215666.00 Ton/day
Mean	3.70	32.80	211.20	654.00	485.70	4424.90	896.00	223.40	65.10	35.60	44.90	40.90	Ton/day
Max	25.60	412.30	758.10	2528.10	1419.40	12914.40	4387.90	608.60	132.90	52.70	62.70	52.70	12914.40 Ton/day
Min	1.00	1.50	16.40	80.00	191.10	531.30	204.20	132.90	37.10	29.80	25.60	32.70	1.00 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Loei River at Ban Keng Bong , Loei (Kh.61)**

Lat 17 - 07 - 44 N Long 101 - 40 - 56 E

Location : on right bank at the bridge of Amphoe Wang Saphung - Ban Nong Khan Road.

	Ban Keng Bong	Amphoe Phu Luang	Changwat Loei
Drainge Area	549 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	126		
R-Square	0.8182		
Remarks	Continued Sediment Station		

$$QS = 3.9892 QW^{1.56740}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.57	3.74	18.92	25.92	65.81	279.32	388.38	31.27	18.92	15.12	1.61	1.61	
2	0.57	5.31	18.92	18.92	52.54	120.58	339.07	31.27	18.92	16.35	1.61	1.61	
3	0.54	5.95	10.29	12.76	224.96	144.57	298.77	27.66	18.92	16.35	1.61	1.61	
4	0.54	5.31	8.75	11.92	124.47	470.63	235.81	24.46	16.35	16.35	1.61	1.61	
5	0.54	4.90	23.03	24.46	83.11	260.35	241.87	23.03	16.35	16.35	1.61	1.56	
6	0.54	4.90	16.35	38.96	55.11	152.91	312.00	27.66	16.35	0.40	1.56	1.52	
7	0.54	7.30	9.50	165.73	52.54	318.69	312.00	33.14	16.35	0.54	1.52	1.52	
8	0.54	50.02	11.92	65.81	52.54	1030.94	157.14	38.96	17.62	0.74	1.56	1.52	
9	0.48	31.27	89.19	35.04	36.98	6810.63	128.40	55.11	20.26	0.74	1.61	1.52	
10	0.48	15.12	29.45	25.92	38.96	7565.07	116.73	45.12	20.26	1.30	1.61	1.52	
11	0.45	13.92	18.92	36.98	74.28	15330.52	101.82	36.98	20.26	1.61	1.61	1.52	
12	0.45	12.76	15.12	95.43	702.95	6085.30	92.29	35.04	18.92	1.61	1.61	1.52	
13	0.45	8.75	20.26	1987.74	961.75	2035.33	170.09	57.72	18.92	1.61	1.61	1.52	
14	0.43	20.26	25.92	165.73	432.54	1433.57	948.13	140.46	18.92	1.61	1.61	1.56	
15	0.32	29.45	20.26	105.48	140.46	6014.40	305.36	95.43	17.62	1.61	1.61	1.52	
16	0.32	25.92	18.92	101.82	161.42	1870.56	148.72	47.55	16.35	1.70	1.61	1.52	
17	0.32	12.76	105.48	65.81	161.42	727.49	116.73	43.03	16.35	1.74	1.61	1.52	
18	0.37	13.92	116.73	43.03	224.96	666.70	95.43	40.98	16.35	1.74	1.61	1.52	
19	0.30	15.12	55.11	40.98	1309.31	948.13	89.19	36.98	16.35	1.74	1.61	1.61	
20	10.29	17.62	89.19	21.63	752.34	3865.31	89.19	33.14	16.35	1.74	1.61	2.18	
21	9.50	40.98	83.11	23.03	470.63	2769.79	86.13	29.45	15.12	1.74	1.56	2.03	
22	10.29	92.29	43.03	71.41	136.40	1917.12	80.12	29.45	15.12	1.70	1.52	1.61	
23	47.55	374.04	112.94	1940.56	124.47	777.49	74.28	25.92	15.12	1.70	1.52	1.61	
24	35.04	36.98	92.29	867.85	101.82	486.20	57.72	23.03	15.12	1.70	1.52	1.61	
25	29.45	17.62	89.19	1203.96	83.11	345.97	45.12	23.03	15.12	1.70	1.52	1.61	
26	20.26	11.92	152.91	3041.57	60.37	339.07	45.12	21.63	13.92	1.70	1.52	1.61	
27	10.29	11.92	89.19	907.67	52.54	339.07	43.03	21.63	13.92	1.65	1.52	1.61	
28	10.29	11.92	52.54	235.81	52.54	1159.80	43.03	21.63	13.92	1.65	1.52	1.61	
29	10.29	12.76	47.55	105.48	52.54	1130.69	40.98	21.63	13.92	1.65		1.61	
30	10.29	18.92	38.96	74.28	52.54	598.62	36.98	21.63	13.92	1.65		1.84	
31		18.92		80.12	55.11		36.98		13.92	1.65		1.98	
Total	212.29	952.57	1523.94	11641.81	6950.52	65994.80	5276.61	1144.02	515.81	119.44	44.21	50.32	94426.35 Ton/day
Mean	7.08	30.73	50.80	375.54	224.21	2199.83	170.21	38.13	16.64	3.85	1.58	1.62	Ton/day
Max	47.55	374.04	152.91	3041.57	1309.31	15330.52	948.13	140.46	20.26	16.35	1.61	2.18	15330.52 Ton/day
Min	0.30	3.74	8.75	11.92	36.98	120.58	36.98	21.63	13.92	0.40	1.52	1.52	0.30 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Lam Nam Phung at Ban Tong Khop , Sakon Nakhon (Kh.90)**

Lat 17 - 04 - 05 N Long 104 - 15 - 32 E

Location : on right bank at the bridge on highway.

	Ban Tong Khop	Amphoe Khok Si Suphan	Changwat Sakon Nakhon
Drainage Area	861 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.8150		
Remarks	Continued Sediment Station		

$$QS = 5.1887 QW^{1.21570}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.10	45.40	171.90	128.40	314.40	327.50	1775.30	59.60	7.60	3.60	7.00	4.70	
2	11.40	45.40	108.60	115.10	939.80	216.20	1113.80	59.60	5.10	4.00	7.00	4.70	
3	10.10	45.40	73.00	178.90	724.00	190.80	756.00	58.20	5.10	5.10	5.80	5.10	
4	9.50	48.20	71.50	174.20	411.50	167.20	555.20	56.70	5.10	5.40	6.40	5.80	
5	9.50	55.30	71.50	370.70	278.80	174.20	436.30	55.30	5.10	5.40	6.40	5.80	
6	11.40	62.50	70.00	183.70	213.20	164.90	344.00	53.80	5.80	7.00	6.40	5.80	
7	17.00	70.00	55.30	110.70	183.70	171.90	288.40	49.60	5.80	6.40	5.80	6.40	
8	42.60	71.50	95.70	85.30	169.50	347.30	256.60	49.60	5.40	5.80	5.80	6.40	
9	45.40	71.50	201.00	85.30	155.60	419.70	247.20	48.20	5.40	5.80	7.00	6.40	
10	45.40	51.00	139.60	169.50	153.30	253.40	201.00	48.20	5.10	5.40	5.80	6.40	
11	45.40	48.20	97.90	128.40	151.00	237.80	178.90	44.00	4.30	5.40	5.80	6.40	
12	48.20	48.20	77.60	128.40	162.50	225.40	160.20	37.70	4.70	5.80	6.40	5.40	
13	62.50	49.60	68.50	169.50	334.10	272.40	151.00	27.80	4.30	6.40	6.40	5.40	
14	61.10	73.00	64.00	100.00	282.00	320.90	141.80	17.90	4.30	7.00	5.80	7.00	
15	58.20	529.30	62.50	85.30	237.80	275.60	128.40	11.40	4.00	7.00	5.80	17.00	
16	58.20	183.70	61.10	79.10	213.20	304.60	121.70	8.80	4.00	7.00	5.80	17.90	
17	55.30	112.90	67.00	71.50	240.90	207.10	115.10	8.80	4.00	7.00	6.40	17.90	
18	52.40	108.60	110.70	74.50	1146.60	262.90	106.40	8.80	4.00	7.60	6.40	19.60	
19	48.20	135.10	225.40	77.60	2080.80	1048.70	87.30	8.20	4.30	7.00	5.80	22.30	
20	45.40	100.00	146.40	97.90	1625.50	1272.70	71.50	9.50	4.30	7.00	5.80	25.00	
21	44.00	74.50	117.30	207.10	718.70	1212.70	83.70	8.80	4.70	7.00	6.40	25.00	
22	42.60	59.60	123.90	520.70	499.30	1232.60	83.70	8.20	4.30	6.40	5.80	26.90	
23	41.20	56.70	195.60	902.60	512.10	585.70	80.60	12.90	4.00	7.60	5.80	27.80	
24	41.20	56.70	555.20	831.40	337.40	616.50	77.60	18.80	4.30	7.60	5.40	27.80	
25	38.90	56.70	250.30	1133.50	269.20	594.50	76.00	8.20	4.30	7.60	5.40	25.00	
26	58.20	53.80	137.30	1120.30	256.60	457.10	74.50	8.20	4.30	7.00	5.10	23.20	
27	128.40	48.20	97.90	2435.70	247.20	1286.10	70.00	10.10	4.30	7.60	5.10	23.20	
28	61.10	40.00	85.30	3167.20	186.10	4975.20	62.50	10.70	3.20	7.60	5.40	23.20	
29	46.80	87.30	93.60	2617.30	176.60	5009.40	55.30	8.80	3.60	7.60		22.30	
30	45.40	334.10	110.70	853.20	219.30	3345.20	55.30	9.50	3.20	7.60		24.10	
31		367.40		461.30	278.80		55.30		3.20	7.60		36.50	
Total	1297.10	3189.80	3806.30	16864.30	13719.50	26176.20	8010.60	825.90	141.10	202.30	168.20	486.40	74887.70 Ton/day
Mean	43.20	102.90	126.90	544.00	442.60	872.50	258.40	27.50	4.60	6.50	6.00	15.70	Ton/day
Max	128.40	529.30	555.20	3167.20	2080.80	5009.40	1775.30	59.60	7.60	7.60	7.00	36.50	5009.40 Ton/day
Min	9.50	40.00	55.30	71.50	151.00	164.90	55.30	8.20	3.20	3.60	5.10	4.70	3.20 Ton/day

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Chanot at Ban Don Sawan , Nakhon Phanom (Kh.91)

Lat 16 - 47 - 48 N Long 104 - 39 - 45 E

Location : on left bank at the bridge on highway.

	Ban Don Sawan	Amphoe That Phanom	Changwat Nakhon Phanom
Drainage Area	172 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	132		
R-Square	0.8109		
Remarks	Continued Sediment Station		

$$QS = 4.8151 QW^{1.09600}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.86	1.52	1.96	19.60	33.19	40.25	96.96	4.97	2.60	2.10	1.24	1.05	
2	2.01	1.29	1.86	10.74	52.08	25.83	50.07	4.97	3.00	2.01	1.52	1.33	
3	1.86	1.29	1.72	10.12	45.23	22.42	27.11	4.97	3.21	1.86	1.86	1.72	
4	1.76	1.29	1.52	7.34	23.27	17.52	18.41	4.82	2.50	1.72	1.86	1.76	
5	1.76	1.29	1.33	6.58	20.50	13.95	14.65	4.55	2.30	1.76	1.43	1.62	
6	1.86	1.15	1.52	5.45	10.29	40.25	12.68	4.29	2.10	2.01	1.29	1.62	
7	1.86	0.96	1.43	4.39	8.89	51.56	11.48	4.19	2.01	2.10	1.24	2.80	
8	1.62	1.62	1.52	3.31	8.39	67.08	12.68	4.71	1.96	1.96	1.15	3.51	
9	1.62	2.20	1.72	5.61	9.23	55.08	16.93	5.77	1.96	1.76	1.15	2.90	
10	1.62	2.60	2.01	8.23	8.72	40.25	14.42	5.77	1.96	1.76	1.24	2.30	
11	1.52	2.80	1.96	6.96	10.74	42.03	12.28	5.45	1.96	1.62	1.52	1.57	
12	1.43	3.00	1.96	6.31	19.90	57.17	10.91	4.55	1.96	1.72	1.33	1.43	
13	1.29	3.41	1.86	8.06	22.00	62.90	10.91	4.19	1.96	2.20	1.29	1.19	
14	1.29	3.21	1.86	10.29	23.27	56.12	10.91	4.29	2.01	2.50	1.24	1.01	
15	1.29	3.41	2.30	10.52	21.40	48.65	9.06	4.39	2.50	2.10	1.43	1.01	
16	1.29	3.31	2.40	7.67	18.41	34.94	8.06	4.03	2.90	1.76	1.19	1.01	
17	1.62	3.51	2.90	5.35	22.42	22.42	7.13	4.19	2.50	1.62	2.20	1.05	
18	1.96	3.51	4.55	3.51	71.27	25.40	7.13	4.71	2.01	1.62	4.19	1.24	
19	1.86	3.10	4.29	3.00	102.26	99.98	7.34	3.93	1.96	1.62	3.10	1.29	
20	1.76	2.60	3.72	3.00	100.74	124.74	7.13	3.41	1.96	2.10	2.30	1.24	
21	1.29	2.30	6.31	4.55	56.65	131.63	6.58	3.00	2.10	2.20	1.86	1.05	
22	1.15	2.30	16.35	14.42	31.88	87.94	6.42	3.00	2.60	1.86	1.76	1.05	
23	1.52	2.20	10.52	45.23	29.70	50.59	5.88	2.80	3.31	1.62	1.57	1.05	
24	1.62	2.01	18.12	84.95	20.50	32.75	5.24	2.80	3.21	1.29	1.72	1.15	
25	1.76	1.96	12.11	132.55	16.05	23.27	5.08	2.80	2.40	1.24	1.72	1.52	
26	2.10	1.76	8.23	151.00	24.12	33.19	5.24	2.80	2.20	1.52	1.52	1.57	
27	2.50	1.72	5.61	98.47	46.71	80.75	5.24	2.80	2.20	1.76	1.19	1.29	
28	2.10	1.57	5.08	138.98	22.00	253.84	5.88	2.70	2.01	2.01	1.10	1.29	
29	2.01	1.72	8.56	155.64	14.42	213.80	5.45	2.70	2.10	1.76		1.24	
30	1.72	1.72	15.35	145.44	17.82	151.93	5.08	2.60	2.50	1.72		1.62	
31		1.96		85.69	35.38		4.97		2.80	1.62		3.93	
Total	50.91	68.29	150.63	1202.96	947.43	2008.23	427.31	120.15	72.75	56.50	46.21	49.41	5200.78 Ton/day
Mean	1.70	2.20	5.02	38.81	30.56	66.94	13.78	4.01	2.35	1.82	1.65	1.59	Ton/day
Max	2.50	3.51	18.12	155.64	102.26	253.84	96.96	5.77	3.31	2.50	4.19	3.93	253.84 Ton/day
Min	1.15	0.96	1.33	3.00	8.39	13.95	4.97	2.60	1.96	1.24	1.10	1.01	0.96 Ton/day

WATER YEAR : 2005

KHONG RIVER BASIN

Huai Bang Sai at Ban Kan Luang Dong , Muk Dahan (Kh.92)

Lat 16 - 44 - 06 N Long 104 - 31 - 23 E

Location : on left bank at the bridge on highway.

	Ban Kan Luang Dong	Amphoe Dong Luang	Changwat Muk Dahan
Drainage Area	1,119 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	135		
R-Square	0.9150		
Remarks	Continued Sediment Station		

$$QS = 2.9053 QW^{1.41210}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.10	8.60	69.60	98.80	561.70	1195.00	2436.80	101.70	40.00	15.00	8.60	0.10	
2	4.30	6.40	43.50	93.10	6252.40	843.90	1813.50	95.90	40.00	15.00	7.80	0.10	
3	16.40	5.60	31.40	327.70	3129.60	833.20	1364.60	90.30	38.20	15.00	7.80	0.10	
4	11.10	4.30	23.50	161.10	1829.60	600.20	986.80	87.60	34.80	15.00	7.80	0.10	
5	5.20	7.80	22.00	657.40	1607.70	2211.70	822.50	87.60	33.10	15.00	7.80	0.00	
6	4.30	7.80	16.40	561.70	909.10	2043.00	697.60	93.10	31.40	13.70	7.10	0.00	
7	3.90	5.60	12.80	161.10	677.40	2578.40	637.50	90.30	29.80	13.70	7.10	0.00	
8	3.90	4.80	25.10	101.70	920.00	2740.50	600.20	101.70	28.20	13.70	7.10	0.00	
9	3.90	5.20	584.70	202.50	1515.20	6491.00	554.10	101.70	26.60	12.80	7.10	0.00	
10	3.50	9.40	182.20	122.50	1183.10	2419.20	501.70	93.10	26.60	12.80	6.40	0.00	
11	3.10	7.10	147.70	101.70	1254.80	2507.30	487.00	93.10	25.10	11.90	6.40	0.00	
12	3.10	6.40	67.10	90.30	1364.60	2795.10	472.40	87.60	25.10	11.90	6.40	0.00	
13	3.50	10.20	52.80	134.90	3374.70	1477.10	458.00	82.30	25.10	11.90	6.40	0.00	
14	3.50	41.70	45.30	95.90	3173.80	1717.60	436.60	74.60	25.10	11.90	7.10	0.00	
15	3.50	516.50	34.80	90.30	1623.30	1607.70	401.60	74.60	23.50	11.90	7.10	0.00	
16	3.50	487.00	29.80	134.90	1066.40	1136.00	367.40	69.60	22.00	11.90	7.10	0.00	
17	10.20	259.90	31.40	72.10	1451.90	759.30	306.70	60.60	20.60	11.90	6.50	0.00	
18	98.80	287.70	259.90	64.70	6456.80	748.90	273.70	56.70	20.60	11.10	4.60	0.00	
19	16.40	74.60	154.30	49.00	7470.90	2868.50	228.50	54.80	20.60	11.10	3.40	0.00	
20	11.10	64.70	87.60	41.70	5983.00	6906.10	198.30	52.80	19.10	11.10	2.50	0.00	
21	7.80	627.60	1266.90	194.10	2126.80	2954.80	185.70	50.90	19.10	11.10	1.80	0.00	
22	5.20	119.50	697.60	3582.40	1530.50	1927.20	178.60	49.00	17.70	11.10	1.30	0.00	
23	3.90	95.90	161.10	5422.10	1426.80	1315.50	168.10	47.20	17.70	10.20	1.00	0.00	
24	4.30	40.00	311.50	7939.30	1009.30	1218.80	161.10	45.30	17.70	10.20	0.70	0.00	
25	5.60	26.60	255.30	5333.60	780.20	975.60	150.90	45.30	17.70	9.40	0.50	0.00	
26	29.80	19.10	232.90	5660.10	811.90	1303.30	141.20	43.50	17.70	9.40	0.40	0.00	
27	147.70	12.80	113.40	14293.40	1451.90	13633.60	131.80	43.50	16.40	9.40	0.30	0.00	
28	49.00	11.90	74.60	19822.60	822.50	33788.00	122.50	41.70	17.70	9.40	0.20	0.00	
29	19.10	185.70	134.90	10879.10	898.10	18155.40	116.40	41.70	16.40	8.60		0.00	
30	12.80	833.20	144.40	2758.60	2228.80	4086.60	110.50	40.00	15.00	8.60		0.00	
31		401.60		1364.60	1894.50		104.60		13.70	8.60		0.00	
Total	501.50	4195.20	5314.50	80613.00	66787.30	123838.50	15616.90	2097.80	742.30	364.30	138.30	0.40	300210.10 Ton/day
Mean	16.70	135.30	177.10	2600.40	2154.40	4128.00	503.80	69.90	23.90	11.80	4.90	0.00	Ton/day
Max	147.70	833.20	1266.90	19822.60	7470.90	33788.00	2436.80	101.70	40.00	15.00	8.60	0.10	33788.00 Ton/day
Min	3.10	4.30	12.80	41.70	561.70	600.20	104.60	40.00	13.70	8.60	0.20	0.00	0.00 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Nam Som at Ban Wang Lao, Udon Thani (Kh.94)**

Lat 17 - 58 - 03 N Long 102 - 14 - 46 E

Location : on right bank at the bridge on road.

	Ban Wang Lao	Amphoe Na Yung	Changwat Udon Thani
Drainage Area	854 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1999-2005		
Number of observation	120		
R-Square	0.8965		
Remarks	Continued Sediment Station		

$$QS = 3.7734 QW^{1.25860}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.76	4.75	11.06	26.82	33.29	459.52	328.47	14.41	7.36	4.50	0.83	0.44	
2	5.00	5.00	19.12	21.94	31.96	586.74	381.98	15.48	6.82	4.50	0.56	0.11	
3	5.76	3.77	22.42	24.84	25.83	753.47	284.64	14.10	6.29	4.50	0.32	0.00	
4	6.02	4.01	28.82	33.96	20.99	1064.52	174.13	13.48	6.55	4.75	0.21	0.01	
5	6.02	4.25	35.98	61.37	20.99	860.72	170.07	14.41	6.82	5.00	0.18	0.00	
6	6.82	4.50	51.68	70.26	19.12	446.82	322.42	15.48	6.82	5.00	0.21	0.03	
7	6.55	6.02	63.57	79.38	14.41	511.04	314.38	15.04	6.55	3.54	0.44	0.05	
8	5.76	6.82	99.48	74.79	12.26	446.82	190.25	14.41	5.76	4.75	0.32	0.11	
9	5.00	7.91	124.25	72.52	10.76	508.44	154.03	13.48	4.75	5.00	0.21	1.42	
10	5.00	9.03	140.92	69.13	11.66	613.92	146.14	12.56	5.51	5.00	0.21	1.42	
11	5.51	9.03	103.12	59.19	13.17	547.76	65.78	11.96	7.09	4.50	0.44	1.27	
12	5.76	9.31	55.95	26.32	12.56	426.65	50.06	13.17	8.18	4.25	0.21	0.97	
13	7.36	9.60	37.50	108.02	11.96	436.71	44.48	13.17	7.91	4.25	0.16	0.97	
14	8.18	9.31	26.82	284.64	14.41	542.49	33.29	14.10	7.63	4.50	0.21	0.07	
15	8.75	9.60	24.84	181.26	22.42	589.69	31.96	14.10	7.36	4.50	0.32	0.00	
16	8.18	14.72	24.35	143.52	84.03	566.32	29.33	13.79	7.09	4.50	0.44	0.00	
17	7.91	34.63	29.33	128.06	101.91	513.65	27.82	13.48	6.82	4.01	0.44	0.00	
18	7.36	28.32	75.93	98.28	139.62	521.48	28.82	13.17	6.55	3.30	0.32	0.00	
19	7.09	20.05	106.79	58.11	242.15	620.01	27.32	13.79	6.29	3.08	0.44	0.00	
20	6.55	13.17	166.03	42.91	236.47	1596.15	25.33	13.17	6.02	2.63	0.69	0.00	
21	5.76	11.06	168.72	95.87	219.59	1836.25	22.42	12.26	5.76	2.63	0.97	0.00	
22	6.29	11.36	151.39	228.94	204.81	1790.31	21.47	10.76	5.76	2.41	1.12	0.00	
23	6.55	10.76	117.95	424.14	166.03	1591.21	20.99	10.47	5.51	0.97	1.12	0.03	
24	6.02	11.06	137.03	485.14	95.87	1286.94	20.52	10.18	5.51	0.69	1.12	0.11	
25	5.51	11.36	221.46	446.82	126.78	792.45	19.12	10.18	5.51	0.83	0.97	0.32	
26	5.51	11.06	202.98	367.32	124.25	666.42	17.28	9.60	5.25	0.83	0.97	0.69	
27	6.29	10.76	167.38	276.81	138.33	561.00	17.28	9.03	5.25	0.97	1.12	1.42	
28	6.29	9.89	117.95	138.33	139.62	419.13	19.12	8.75	5.00	0.97	1.12	1.98	
29	5.76	8.75	66.90	50.06	150.07	292.51	17.28	8.18	5.00	1.12		1.42	
30	5.25	9.31	36.74	35.31	184.84	212.18	14.41	7.91	4.75	1.12		1.27	
31		8.75		34.63	225.19		12.56		4.75	1.12		1.27	
Total	189.57	327.92	2636.46	4248.69	2855.35	22061.32	3033.15	374.07	192.22	99.72	15.67	15.38	36049.52 Ton/day
Mean	6.32	10.58	87.88	137.05	92.11	735.38	97.84	12.47	6.20	3.22	0.56	0.50	Ton/day
Max	8.75	34.63	221.46	485.14	242.15	1836.25	381.98	15.48	8.18	5.00	1.12	1.98	1836.25 Ton/day
Min	5.00	3.77	11.06	21.94	10.76	212.18	12.56	7.91	4.75	0.69	0.16	0.00	0.00 Ton/day

WATER YEAR : 2005

KHONG RIVER BASIN

Nam San at Ban Kaeng Hai , Loei (Kh.95)

Lat 17 - 26 - 20 N Long 101 - 19 - 50 E

Location : on left bank at the bridge of Amphoe Phu Rua - Amphoe Dan Sai Highway.

	Ban	Kaeng Hai	Amphoe	Phu Rua	Changwat	Loei
Drainge Area	352	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1998-Cont'd					
Actual Measurement	1998-Cont'd					
Using Rating Curve Water Year	2004-2005					
Number of observation	24					
R-Square	0.8664					
Remarks	Continued Sediment Station					

$$QS = 5.6696 QW^{1.50590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	1.54	2.12	3.75	19.61	274.81	955.27	35.80	9.21	2.50	1.37	1.27	
2	0.18	0.97	1.48	1.59	25.73	241.87	676.24	32.68	8.81	2.24	1.37	1.27	
3	0.18	0.18	1.37	1.76	25.73	315.38	722.29	32.68	8.03	2.12	1.37	1.32	
4	0.15	0.03	1.76	11.72	21.46	172.52	514.21	31.15	7.84	2.00	1.32	1.22	
5	0.15	0.03	1.88	83.16	35.01	204.93	537.28	28.91	7.46	2.00	1.32	1.12	
6	0.15	0.02	16.34	12.16	21.99	262.64	1087.19	29.65	6.91	1.94	1.32	0.97	
7	0.15	0.01	19.61	3.90	13.51	256.78	815.57	54.60	6.72	1.88	1.32	0.93	
8	0.23	0.01	8.42	2.50	8.81	196.72	548.74	193.92	6.54	1.82	1.32	1.32	
9	0.20	0.08	7.84	2.63	7.65	191.13	469.85	97.21	6.19	1.82	1.32	1.43	
10	0.18	0.08	7.65	1.88	7.84	210.37	430.14	98.32	5.84	1.82	1.32	1.43	
11	0.15	0.15	8.22	6.01	7.46	144.82	152.23	50.10	5.67	1.82	1.37	1.37	
12	0.13	0.26	35.01	6.37	6.01	141.03	134.79	53.69	5.33	1.76	1.32	1.54	
13	0.13	0.26	10.44	61.12	15.86	138.52	299.71	83.16	5.00	1.76	1.43	1.76	
14	0.13	0.33	10.02	238.86	55.52	185.86	748.55	72.86	4.84	1.70	1.43	1.48	
15	0.13	1.37	10.44	22.67	10.44	334.68	183.11	64.96	4.84	1.70	1.43	1.17	
16	0.13	0.70	16.83	14.43	20.79	207.78	141.03	39.84	4.84	1.65	1.48	1.07	
17	0.13	0.58	16.83	20.27	8.81	560.29	136.03	33.45	4.84	1.59	1.48	0.93	
18	0.10	0.54	16.83	19.61	8.03	426.49	126.22	30.40	4.84	1.54	1.48	0.79	
19	0.13	1.65	17.95	47.46	11.72	364.68	117.84	24.46	4.68	1.54	1.54	0.70	
20	0.13	45.73	16.83	45.73	10.44	309.15	116.66	18.46	4.52	1.48	1.48	0.75	
21	0.13	7.27	8.03	20.27	8.22	615.49	98.32	21.46	4.36	1.48	1.48	3.46	
22	0.13	3.75	4.68	13.06	10.86	849.80	89.55	18.46	4.20	1.43	1.54	25.73	
23	0.15	2.00	1.94	23.21	13.06	741.96	78.98	17.33	4.05	1.43	1.48	4.52	
24	1.07	1.43	1.43	40.66	16.34	3158.80	69.86	15.38	3.90	1.43	1.48	2.63	
25	1.76	1.32	1.37	19.61	20.27	4544.89	63.03	14.43	3.60	1.43	1.48	1.76	
26	1.32	6.37	8.42	122.61	17.95	2400.40	58.30	13.51	3.46	1.43	1.43	1.65	
27	0.93	5.17	9.21	213.25	22.67	2176.12	50.99	12.16	3.31	1.43	1.22	1.48	
28	0.93	4.20	5.84	55.52	21.46	4081.08	47.46	11.29	3.03	1.43	1.22	1.32	
29	0.79	3.31	19.10	26.44	53.69	8448.90	44.87	10.86	2.90	1.37		1.27	
30	0.39	2.50	6.72	21.46	111.98	2716.38	41.49	10.44	2.90	1.32		1.43	
31		2.37		19.61	113.14		37.40		2.76	1.32		1.27	
Total	10.66	94.21	294.61	1183.28	752.06	34874.27	9593.20	1251.62	161.42	52.18	39.12	70.36	48377.00 Ton/day
Mean	0.36	3.04	9.82	38.17	24.26	1162.48	309.46	41.72	5.21	1.68	1.40	2.27	Ton/day
Max	1.76	45.73	35.01	238.86	113.14	8448.90	1087.19	193.92	9.21	2.50	1.54	25.73	8448.90 Ton/day
Min	0.10	0.01	1.37	1.59	6.01	138.52	37.40	10.44	2.76	1.32	1.22	0.70	0.01 Ton/day

WATER YEAR : 2005**KHONG RIVER BASIN****Huai Muk at Ban Kaen Tao , Mukdahan (Kh.101)**

Lat 16 - 35 - 07 N Long 104 - 37 - 13 E

Location : on right bank at the bridge of Amphoe Dong Luang - Muk Dahan Highway.

	Ban Kaen Tao	Amphoe Mueang	Changwat Mukdahan
Drainage Area	414 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	42		
R-Square	0.9342		
Remarks	Continued Sediment Station		

$$QS = 11.2630 QW^{1.40500}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	212.90	520.20	1089.80	658.70	13.70	1.90	0.10	0.00	0.00	
2	0.00	0.00	3.30	235.30	1734.20	553.90	331.40	13.70	1.50	0.10	0.00	0.00	
3	0.00	0.00	1.90	427.20	1867.50	436.30	180.40	12.90	0.40	0.10	0.00	0.00	
4	0.00	0.00	0.70	391.60	711.50	246.80	128.30	12.90	0.30	0.10	0.00	0.00	
5	0.00	0.00	0.30	298.30	391.60	450.00	100.60	20.80	0.30	0.00	0.00	0.00	
6	0.00	0.00	0.20	310.60	235.30	618.20	66.80	43.10	0.30	0.00	0.00	0.00	
7	0.00	0.00	0.10	168.20	152.90	2127.90	65.50	36.30	0.20	0.00	0.00	0.00	
8	0.00	0.00	0.30	38.50	302.40	1744.40	74.90	34.10	0.20	0.00	0.00	0.00	
9	0.00	0.00	9.70	16.30	724.00	1594.00	76.20	62.90	0.20	0.00	0.00	0.00	
10	0.00	0.00	12.90	38.50	781.40	1653.70	68.10	62.90	0.20	0.00	0.00	0.00	
11	0.00	0.00	11.30	51.50	966.00	1023.60	59.00	46.70	0.20	0.10	0.00	0.00	
12	0.00	0.00	2.30	47.90	755.80	1213.50	55.20	33.00	0.20	0.10	0.00	0.00	
13	0.00	0.00	1.20	70.80	658.70	868.10	54.00	36.30	0.20	0.00	0.00	0.00	
14	0.00	0.00	0.70	83.20	694.80	987.80	59.00	76.20	0.20	0.00	0.00	0.00	
15	0.00	0.00	1.50	60.30	515.40	895.90	55.20	135.70	0.10	0.10	0.00	0.00	
16	0.00	0.00	0.40	31.90	352.50	431.80	49.10	70.80	0.10	0.10	0.00	0.00	
17	0.00	0.00	0.40	13.70	544.20	231.50	42.00	39.70	0.20	0.00	0.00	0.00	
18	0.00	0.00	0.30	2.90	3711.70	201.90	36.30	10.50	0.10	0.00	0.10	0.00	
19	0.00	0.00	0.90	1.20	6232.30	1016.60	33.00	15.40	0.10	0.00	0.10	0.00	
20	0.00	0.00	2.50	0.40	6291.00	2228.90	30.90	11.30	0.10	0.00	0.10	0.00	
21	0.00	0.00	62.90	0.10	4307.00	1950.80	29.80	7.50	0.10	0.00	0.00	0.00	
22	0.00	0.00	128.30	9.70	1380.70	1135.00	25.70	4.90	0.10	0.00	0.00	0.00	
23	0.00	0.00	74.90	1409.20	553.90	663.80	23.70	3.80	0.10	0.00	0.00	0.00	
24	0.00	0.00	79.00	2331.30	250.70	387.20	20.80	3.10	0.10	0.00	0.00	0.00	
25	0.00	0.00	102.90	3019.90	96.10	235.30	21.80	3.10	0.10	0.00	0.00	0.00	
26	0.00	0.00	76.20	3236.20	176.90	209.20	20.80	2.90	0.20	0.00	0.00	0.00	
27	0.00	0.00	42.00	4064.80	374.10	2203.50	15.40	2.70	0.10	0.00	0.00	0.00	
28	0.00	0.00	49.10	12043.50	239.10	12328.10	16.30	2.50	0.10	0.00	0.00	0.00	
29	0.00	0.00	138.00	9373.20	160.30	8473.70	17.20	2.30	0.10	0.00	0.00	0.00	
30	0.00	0.00	187.50	6291.00	1380.70	4064.80	13.70	2.10	0.10	0.00	0.00	0.00	
31	0.00	0.00	2318.80	2559.60	13.70	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	991.70	46598.90	39622.50	51266.00	2443.50	823.80	8.20	0.80	0.30	0.00	141755.70 Ton/day
Mean	0.00	0.00	33.10	1503.20	1278.10	1708.90	78.80	27.50	0.30	0.00	0.00	0.00	Ton/day
Max	0.00	0.00	187.50	12043.50	6291.00	12328.10	658.70	135.70	1.90	0.10	0.10	0.00	12328.10 Ton/day
Min	0.00	0.00	0.00	0.10	96.10	201.90	13.70	2.10	0.10	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

NAM MAE ING RIVER BASIN

Nam Mae Ing at Ban Nam Ing , Chiang Rai (I.14)

Lat 19 - 49 - 56 N Long 100 - 12 - 15 E

Location : on right bank at the bridge on the road about 2 kilometers from Amphoe Khun Tan.

	Ban Nam Ing	Amphoe Khun Tan	Changwat Chiang Rai
Drainage Area	6,266 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1994-Cont'd		
Actual Measurement	1994-Cont'd		
Using Rating Curve Water Year	1994-2005		
Number of observation	321		
R-Square	0.9237		
Remarks	Continued Sediment Station		

QS = 6.1016 QW^{1.12040}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	163.30	140.10	155.50	201.70	2039.60	3917.20	5808.00	2062.60	337.10	144.00	94.90	66.30		
2	159.40	138.20	157.50	192.80	2948.20	3902.80	6078.50	2077.90	330.80	142.10	93.70	63.80		
3	157.50	136.30	151.70	180.90	3191.00	3902.80	6194.90	1963.10	327.70	138.20	92.40	62.70		
4	155.50	136.30	149.70	171.10	3088.00	3902.80	6039.70	1894.60	318.20	132.40	89.90	60.20		
5	153.60	135.00	145.90	163.30	2735.20	3931.60	5885.00	1849.10	315.10	123.20	88.60	57.80		
6	153.60	132.40	155.50	161.40	2379.50	3831.00	5592.60	1902.20	308.80	120.60	86.10	55.50		
7	151.70	131.10	155.50	159.40	2039.60	3657.90	5524.30	1955.50	302.60	118.00	92.40	54.20		
8	153.60	135.00	157.50	157.50	1773.50	3577.20	5365.40	2077.90	302.60	116.70	98.80	53.00		
9	155.50	138.20	165.30	204.70	1526.40	3588.70	5184.40	2232.00	302.60	114.10	101.20	49.50		
10	157.50	140.10	201.70	180.90	1254.50	3715.80	5004.10	2356.10	293.20	112.90	102.50	47.10		
11	159.40	142.10	183.90	171.10	944.00	3902.80	4757.40	2414.50	290.10	110.30	100.00	45.90		
12	161.40	145.90	175.00	165.30	666.90	4018.00	4531.40	2514.90	274.70	110.30	96.20	43.60		
13	163.30	144.00	171.10	157.50	758.10	4119.00	4307.40	2588.10	256.20	110.30	93.70	42.50		
14	165.30	142.10	163.30	265.40	1224.20	4104.60	4046.80	2652.40	244.00	106.40	91.10	42.50		
15	167.20	142.10	159.40	365.60	1773.50	3989.10	3816.70	2542.30	237.90	105.10	91.10	41.30		
16	169.20	140.10	155.50	308.80	2001.30	3845.40	3681.10	2496.60	234.80	102.50	89.90	40.10		
17	171.10	138.20	153.60	265.40	2239.70	3692.60	3324.60	2451.00	225.80	100.00	88.60	40.10		
18	171.10	135.00	149.70	234.80	2707.60	3554.10	3060.00	2270.70	225.80	97.50	86.10	39.00		
19	167.20	132.40	145.90	228.80	3228.50	3462.10	2689.20	2131.70	222.70	94.90	84.90	37.90		
20	161.40	138.20	142.10	237.90	3450.60	3681.10	2414.50	1826.40	222.70	92.40	84.90	37.90		
21	161.40	140.10	144.00	277.70	3381.80	3816.70	2062.60	1623.20	210.70	91.10	84.90	36.70		
22	161.40	145.90	147.80	397.60	3303.70	4075.70	1735.80	1393.40	195.70	89.90	82.30	36.70		
23	157.50	155.50	153.60	577.00	3106.70	4133.50	1400.80	903.00	192.80	89.90	79.90	36.70		
24	153.60	157.50	189.80	1260.50	2957.50	4176.90	1212.10	729.50	186.80	89.90	78.60	82.30		
25	149.70	161.40	250.10	2016.60	2873.90	4162.40	1128.00	644.30	175.00	89.90	76.10	93.70		
26	149.70	163.30	256.20	2606.40	2846.10	4133.50	1068.20	560.30	173.10	89.90	73.70	94.90		
27	147.80	161.40	237.90	2744.40	2855.40	3960.30	955.80	538.10	169.20	89.90	72.40	94.90		
28	145.90	159.40	198.70	2469.20	3247.30	4307.40	850.50	488.60	167.20	89.90	69.90	94.90		
29	142.10	153.60	183.90	2077.90	3646.40	4735.00	781.10	423.40	163.30	89.90		94.90		
30	140.10	147.80	178.00	1735.80	4018.00	5207.00	949.90	381.60	159.40	92.40		94.90		
31		151.70		1489.30	4032.40		1608.30		153.60	94.90		96.20		
Total	4727.00	4460.40	5135.30	21826.70	78239.10	119005.00	107059.10	51945.00	7520.20	3289.50	2464.80	1837.70	407509.80	Ton/day
Mean	157.60	143.90	171.20	704.10	2523.80	3966.80	3453.50	1731.50	242.60	106.10	88.00	59.30		Ton/day
Max	171.10	163.30	256.20	2744.40	4032.40	5207.00	6194.90	2652.40	337.10	144.00	102.50	96.20	6194.90	Ton/day
Min	140.10	131.10	142.10	157.50	666.90	3462.10	781.10	381.60	153.60	89.90	69.90	36.70	36.70	Ton/day

WATER YEAR : 2005

NAM MAE KOK RIVER BASIN

Nam Mae Lao at Ban Ton Yang , Chiang Rai (G.8)

Lat 19 - 47 - 32 N Long 99 - 45 - 11 E

Location : on left bank at the bridge of Chiang Rai - Phayao Highway, Tambon Bua Sali.

	Ban Ton Yang	Amphoe Mae Lao	Changwat Chiang Rai
Drainage Area	2,909 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	1997-2005		
Number of observation	227		
R-Square	0.9305		
Remarks	Continued Sediment Station		

$$QS = 4.8585 QW^{1.43100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.01	15.01	13.57	3.66	266.04	1406.21	16329.52	6859.78	720.46	175.24	26.24	13.57	
2	10.82	15.01	5.93	3.53	782.34	3704.08	10153.87	5746.25	700.18	112.73	24.53	15.01	
3	10.82	13.57	10.82	4.72	680.07	5036.89	6463.62	3831.98	660.14	103.87	19.60	16.50	
4	91.01	8.27	52.13	4.05	460.13	4489.05	4715.28	2587.76	620.83	91.01	19.60	21.20	
5	165.09	4.72	103.87	3.85	196.06	3118.71	3619.70	2014.82	601.44	82.73	18.03	22.85	
6	70.76	4.38	135.78	4.18	140.55	1611.70	2949.60	1732.83	720.46	74.69	29.78	15.01	
7	45.17	4.38	206.73	4.05	103.87	1101.04	2302.57	1493.24	1264.72	55.71	103.87	15.01	
8	29.78	4.51	399.79	3.85	82.73	888.80	2176.89	1292.65	1209.40	59.37	86.84	15.01	
9	21.20	12.17	472.50	3.53	59.37	2491.58	2396.51	1406.21	954.61	55.71	63.10	13.57	
10	19.60	10.82	376.38	3.22	52.13	2849.51	1887.91	1919.41	824.43	59.37	45.17	12.17	
11	15.01	5.93	316.10	2.92	48.61	2685.02	1236.97	2523.52	720.46	66.90	33.44	12.17	
12	15.01	7.07	231.92	3.40	63.10	3395.10	976.86	1794.39	660.14	35.32	29.78	12.17	
13	13.57	10.82	160.09	10.82	601.44	4624.50	803.30	1493.24	620.83	38.52	27.99	16.50	
14	15.01	9.52	99.53	99.53	7262.96	4760.60	720.46	1349.07	588.13	35.32	26.24	18.03	
15	41.81	13.57	35.32	287.17	13649.49	3465.29	845.73	1127.84	574.91	35.32	21.20	19.60	
16	24.53	8.27	12.17	435.69	9192.76	2983.19	1101.04	1021.81	574.91	38.52	18.03	19.60	
17	19.60	8.27	4.72	376.38	3535.92	2620.06	888.80	932.52	561.78	175.24	18.03	18.03	
18	18.03	27.99	4.38	212.13	1919.41	2046.93	601.44	910.58	548.74	196.06	18.03	16.50	
19	16.50	35.32	4.05	131.07	1236.97	2014.82	620.83	976.86	522.95	201.38	16.50	13.57	
20	15.01	33.44	4.18	353.41	845.73	5638.21	740.91	932.52	497.53	231.92	16.50	13.57	
21	12.17	31.59	4.05	353.41	548.74	9380.91	720.46	976.86	472.50	103.87	16.50	13.57	
22	12.17	33.44	4.86	2046.93	301.53	9255.58	601.44	932.52	460.13	45.17	16.50	12.17	
23	10.82	52.13	9.52	3152.87	160.09	8759.37	522.95	910.58	447.86	33.44	19.60	9.52	
24	9.52	78.68	55.71	4444.00	160.09	5854.91	460.13	867.19	447.86	31.59	38.52	9.52	
25	7.07	66.90	66.90	5223.67	160.09	3500.55	561.78	782.34	447.86	27.99	26.24	10.82	
26	8.27	59.37	26.24	3325.34	345.85	2750.46	761.54	761.54	423.62	26.24	13.57	15.01	
27	10.82	59.37	7.07	1919.41	294.33	1856.58	574.91	761.54	423.62	26.24	12.17	15.01	
28	10.82	63.10	4.86	1154.84	225.26	3535.92	535.80	761.54	399.79	126.41	13.57	12.17	
29	12.17	45.17	4.18	561.78	510.19	16667.48	548.74	761.54	364.84	55.71		15.01	
30	15.01	45.17	4.18	287.17	588.13	18930.89	1887.91	740.91	245.40	29.78		26.24	
31		29.78		190.79	574.91		5036.89		212.13	27.99		27.99	
Total	782.18	817.74	2837.53	24611.37	45048.89	141423.95	73744.36	50203.83	18492.66	2459.36	819.17	486.67	361727.72 Tonday
Mean	26.07	26.38	94.58	793.92	1453.19	4714.13	2378.85	1673.46	596.54	79.33	29.26	15.70	Ton/day
Max	165.09	78.68	472.50	5223.67	13649.49	18930.89	16329.52	6859.78	1264.72	231.92	103.87	27.99	18930.89 Ton/day
Min	7.07	4.38	4.05	2.92	48.61	888.80	460.13	740.91	212.13	26.24	12.17	9.52	2.92 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Non Puai , Chaiyaphum (E.5)

Lat 15 - 46 - 08 N Long 101 - 49 - 01 E

Location : on left bank near Ban Non Puai about 30 meters downstream from Ban Tango.

	Ban Non Puai	Amphoe Ban Khwao	Changwat Chaiyaphum
Drainage Area	4,207 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	21		
R-Square	0.8933		
Remarks	Continued Sediment Station		

$$QS = 6.5123 QW^{1.18680}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	3.60	38.80	119.80	409.20	203.10	970.60	124.30	119.80	40.90	15.70	9.30	
2	0.00	4.60	30.80	80.30	328.30	247.70	1018.30	119.80	115.30	40.90	15.70	9.30	
3	0.00	12.20	42.90	64.50	255.20	396.70	984.20	124.30	115.30	40.90	15.70	5.70	
4	0.00	24.90	36.80	55.30	247.70	328.30	957.00	124.30	106.30	38.80	13.90	3.60	
5	0.00	19.30	28.80	52.20	217.80	328.30	970.60	210.50	97.50	38.80	13.90	0.70	
6	0.00	10.50	21.20	52.20	188.60	409.20	823.80	421.90	93.20	38.80	9.30	1.60	
7	0.00	5.70	19.30	55.30	152.40	603.00	570.10	991.00	88.80	38.80	9.30	1.60	
8	0.00	2.50	34.80	101.90	135.50	906.40	460.10	1045.80	84.50	36.80	9.30	3.60	
9	0.00	0.00	40.90	124.30	124.30	963.80	409.20	1340.50	84.50	36.80	9.30	5.70	
10	0.00	0.00	32.70	124.30	115.30	1255.10	371.70	3153.40	80.30	36.80	8.10	3.60	
11	0.00	0.00	32.70	119.80	110.80	1930.10	328.30	4299.60	73.90	36.80	5.70	3.60	
12	0.00	0.00	32.70	146.70	101.90	2159.30	300.60	3342.00	73.90	28.80	5.70	2.50	
13	0.00	0.00	30.80	203.10	115.30	2159.30	273.20	1705.10	70.70	24.90	5.70	6.90	
14	0.00	0.00	52.20	460.10	135.50	2569.70	337.60	1248.10	67.60	23.00	5.70	15.70	
15	0.00	0.00	47.10	1156.70	181.40	3028.70	823.80	1032.10	61.40	23.00	9.30	17.50	
16	0.00	0.00	47.10	1121.90	188.60	3828.40	941.80	946.90	58.30	23.00	15.70	9.30	
17	0.00	1.60	115.30	505.00	152.40	4532.50	689.10	878.70	55.30	21.20	19.30	8.10	
18	0.00	12.20	84.50	328.30	135.50	4334.40	447.30	619.60	52.20	21.20	21.20	8.10	
19	0.00	67.60	67.60	225.20	195.80	3018.30	337.60	473.00	49.20	21.20	23.00	8.10	
20	0.00	119.80	101.90	169.70	916.50	2275.40	282.30	371.70	47.10	19.30	21.20	8.10	
21	0.00	106.30	115.30	141.10	1073.40	2649.10	240.20	291.40	47.10	19.30	40.90	6.90	
22	0.00	97.50	119.80	188.60	636.30	3479.30	210.50	255.20	45.00	19.30	21.20	9.30	
23	0.00	106.30	80.30	537.40	447.30	3521.70	195.80	225.20	45.00	19.30	13.90	9.30	
24	0.00	80.30	119.80	823.80	337.60	3310.50	169.70	188.60	45.00	15.70	13.90	8.10	
25	0.00	77.10	181.40	1184.70	247.70	3585.50	158.20	181.40	45.00	13.90	12.20	9.30	
26	0.00	61.40	586.50	1326.20	195.80	3942.60	152.40	163.90	42.90	17.50	10.50	4.60	
27	2.50	42.90	619.60	1392.50	141.10	3205.60	158.20	158.20	42.90	19.30	8.10	1.60	
28	4.60	36.80	291.40	1655.10	97.50	2025.10	146.70	141.10	42.90	17.50	10.50	4.60	
29	3.60	26.90	203.10	1094.10	97.50	1473.80	135.50	135.50	42.90	17.50		4.60	
30	2.50	21.20	210.50	636.30	93.20	1108.00	135.50	119.80	42.90	15.70		4.60	
31		30.80		473.00	152.40		129.90		42.90	15.70		5.70	
Total	13.20	972.00	3466.60	14719.40	7927.80	63778.90	14129.80	24432.90	2079.60	821.40	383.90	201.20	132926.70 Ton/day
Mean	0.40	31.40	115.60	474.80	255.70	2126.00	455.80	814.40	67.10	26.50	13.70	6.50	Ton/day
Max	4.60	119.80	619.60	1655.10	1073.40	4532.50	1018.30	4299.60	119.80	40.90	40.90	17.50	4532.50 Ton/day
Min	0.00	0.00	19.30	52.20	93.20	203.10	129.90	119.80	42.90	13.90	5.70	0.70	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Lam Pa Thao at Ban Tat Ton , Chaiyaphum (E.6C)

Lat 15 - 57 - 43 N Long 102 - 02 - 00 E

Location : on right bank about 5 kilometers upstream from E.6A station at Ban Tat Ton.

	Ban Tat Ton	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	378 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	96		
R-Square	0.7504		
Remarks	Continued Sediment Station		

$$QS = 4.5254 QW^{1.12840}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.41	0.53	4.07	2.31	14.93	24.95	60.14	11.41	8.56	6.46	1.12	0.99	
2	0.86	0.61	4.07	1.52	14.52	19.57	47.95	10.68	8.35	6.46	1.12	0.99	
3	1.88	0.61	4.07	1.38	15.10	16.05	51.98	10.12	7.85	6.30	1.12	0.99	
4	0.61	0.61	4.07	2.59	13.24	19.14	50.97	10.68	7.69	4.68	1.12	0.99	
5	0.53	0.74	4.07	3.92	10.68	29.71	34.69	26.44	8.02	2.73	1.12	1.12	
6	0.53	0.74	3.92	8.35	10.12	40.54	29.08	25.45	8.02	1.38	1.12	1.12	
7	0.53	1.12	4.68	11.41	9.45	62.20	24.21	20.78	7.15	1.38	1.12	1.12	
8	0.53	1.12	5.14	9.45	9.61	83.77	24.21	27.82	6.99	1.38	1.12	1.12	
9	0.53	1.12	5.45	6.30	10.51	129.22	22.98	28.45	6.83	1.38	1.12	1.12	
10	0.53	1.12	5.77	5.61	10.68	122.51	21.20	25.70	6.83	1.38	1.12	1.12	
11	0.53	0.86	5.45	5.45	9.78	175.68	19.57	20.35	6.46	1.38	0.99	0.99	
12	0.53	0.86	5.45	5.98	10.51	161.27	19.14	20.78	6.62	1.38	0.99	0.74	
13	0.53	0.86	5.45	8.56	20.35	148.06	36.63	25.20	6.62	1.38	1.12	0.86	
14	0.53	0.86	5.61	11.41	19.32	183.36	142.76	22.73	6.46	1.38	1.12	0.61	
15	0.53	0.86	4.99	8.56	15.28	222.16	85.48	21.02	6.46	1.38	1.12	0.61	
16	0.61	0.99	3.03	7.69	12.15	151.18	42.97	18.54	6.62	1.38	1.12	0.86	
17	0.61	1.25	3.77	6.62	10.51	151.18	33.41	16.81	6.62	1.38	1.25	1.12	
18	0.61	2.73	4.99	6.30	10.85	121.03	24.21	15.46	6.62	1.38	1.38	0.99	
19	0.61	2.16	4.68	6.14	21.81	157.05	21.63	14.70	6.46	1.25	1.12	0.99	
20	0.61	2.59	3.17	6.14	23.47	160.42	20.35	13.59	6.46	1.25	1.12	0.86	
21	0.61	5.77	3.47	6.83	18.12	135.97	18.96	12.67	6.46	1.12	1.12	0.86	
22	0.61	4.99	3.47	7.15	14.93	95.75	18.30	11.92	6.46	1.12	1.12	0.86	
23	0.61	3.47	3.47	10.34	12.50	89.27	16.99	11.58	6.46	1.12	1.12	0.86	
24	0.61	2.31	3.77	11.02	10.51	95.10	16.05	11.02	6.46	1.12	1.12	0.86	
25	0.61	1.12	9.95	10.51	9.61	89.27	15.46	10.68	6.46	0.99	0.99	0.86	
26	0.61	1.25	3.03	13.42	8.73	76.40	15.10	10.51	6.46	0.99	0.99	0.86	
27	0.61	1.12	3.32	15.87	7.31	80.93	14.52	10.12	6.46	0.99	0.99	0.86	
28	0.61	0.99	3.32	21.81	7.15	58.08	14.00	9.78	6.46	0.99	0.99	0.86	
29	0.53	0.99	3.32	19.75	6.99	47.95	13.42	9.45	6.46	0.99		0.86	
30	0.53	0.99	3.17	17.77	7.15	72.61	12.84	9.06	6.46	0.99		0.99	
31		0.99		15.87	14.35		12.15		6.46	0.99		0.99	
Total	18.58	46.33	132.19	276.03	390.22	3020.38	981.35	493.50	212.75	58.48	30.97	29.03	5689.81 Tonday
Mean	0.62	1.49	4.41	8.90	12.59	100.68	31.66	16.45	6.86	1.89	1.11	0.94	Ton/day
Max	1.88	5.77	9.95	21.81	23.47	222.16	142.76	28.45	8.56	6.46	1.38	1.12	222.16 Ton/day
Min	0.41	0.53	3.03	1.38	6.99	16.05	12.15	9.06	6.46	0.99	0.99	0.61	0.41 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Kaeng Ko , Chaiyaphum (E.21)

Lat 15 - 45 - 07 N Long 102 - 15 - 25 E

Location : on left bank about 75 meters upstream from the bridge on highway.

	Ban Kaeng Ko	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	8,777 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.7504		
Remarks	Continued Sediment Station		

$$QS = 7.3625 QW^{1.03780}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	25.58	51.69	351.75	21.91	1715.07	343.84	368.04	14.96	1.24	0.00	
2	0.00	0.00	29.26	36.69	228.62	32.97	1739.30	319.26	364.95	14.96	1.24	0.00	
3	0.00	0.00	14.96	18.26	107.98	47.92	1745.37	319.26	346.47	13.32	1.17	0.00	
4	0.00	0.00	10.05	14.96	78.65	90.34	1739.30	341.20	328.91	13.32	0.96	0.00	
5	0.00	0.00	8.43	13.32	51.69	143.57	1721.13	377.29	300.00	13.32	0.75	0.00	
6	0.00	0.00	10.05	10.05	44.17	149.53	1687.12	402.01	180.33	11.68	0.67	0.00	
7	0.00	0.00	13.32	8.43	36.69	137.61	1597.80	426.79	180.33	8.43	0.60	0.00	
8	0.00	0.00	13.32	10.05	18.26	155.50	1530.93	519.26	180.33	6.83	0.47	0.00	
9	0.00	0.00	10.05	11.68	10.05	242.49	1330.05	609.19	161.48	5.24	0.40	0.00	
10	0.00	0.00	6.83	13.32	6.83	349.11	1157.82	730.76	149.53	5.24	0.33	0.00	
11	0.00	0.00	3.66	18.26	3.66	408.20	910.37	783.67	143.57	5.24	0.26	0.00	
12	0.00	0.00	2.04	21.91	5.24	504.99	690.15	873.52	125.73	3.66	0.19	0.00	
13	0.00	0.00	1.46	18.26	3.66	613.23	515.69	902.18	107.98	3.66	0.19	0.00	
14	0.00	0.00	1.24	21.91	3.66	710.44	551.42	1011.65	96.21	3.66	0.19	0.00	
15	0.00	0.00	1.24	36.69	2.11	783.67	783.67	1082.12	90.34	3.66	0.13	0.00	
16	0.00	0.00	1.03	155.50	5.24	848.98	902.18	1147.72	72.83	3.66	0.06	0.00	
17	0.00	0.00	1.31	349.11	14.96	918.57	1011.65	1183.09	44.17	2.04	0.06	0.00	
18	0.00	0.00	1.24	362.31	13.32	1001.59	1122.47	1213.44	36.69	1.89	0.00	0.00	
19	0.00	0.00	1.17	252.05	13.32	1067.01	1167.93	1213.44	44.17	1.89	0.00	0.00	
20	0.00	0.00	1.46	119.80	5.24	1152.77	1092.21	1157.82	44.17	1.82	0.00	0.00	
21	0.00	0.00	1.67	51.69	18.26	1233.70	949.10	1082.12	44.17	1.67	0.00	0.00	
22	0.00	0.00	11.68	32.97	173.47	1294.52	779.60	971.91	36.69	1.60	0.00	0.00	
23	0.00	0.00	18.26	18.26	319.26	1350.37	547.84	824.47	25.58	1.46	0.00	0.00	
24	0.00	0.00	18.26	51.69	235.56	1414.16	395.83	747.03	29.26	1.31	0.00	0.00	
25	0.00	0.00	14.96	107.98	143.57	1464.17	228.62	677.98	36.69	1.31	0.00	0.00	
26	0.00	0.00	29.26	187.21	84.49	1503.10	349.11	601.57	36.69	1.24	0.00	0.00	
27	0.00	0.00	67.03	359.67	51.69	1536.50	444.52	540.69	36.69	1.24	0.00	0.00	
28	0.00	0.00	161.48	383.47	21.91	1569.93	417.49	494.30	21.91	1.24	0.00	0.00	
29	0.00	0.00	194.09	405.11	18.26	1614.54	389.65	448.07	18.26	1.24	0.00	0.00	
30	0.00	0.40	84.49	408.20	13.32	1670.36	371.12	386.56	18.26	1.24	0.00	0.00	
31		13.32		398.92	14.96		359.67		16.61	1.24		0.00	
Total	0.00	13.72	758.88	3949.42	2099.85	24031.75	29944.18	21732.21	3687.04	153.27	8.91	0.00	86379.23 Tonday
Mean	0.00	0.44	25.30	127.40	67.74	801.06	965.94	724.41	118.94	4.94	0.32	0.00	Ton/day
Max	0.00	13.32	194.09	408.20	351.75	1670.36	1745.37	1213.44	368.04	14.96	1.24	0.00	1745.37 Ton/day
Min	0.00	0.00	1.03	8.43	2.11	21.91	228.62	319.26	16.61	1.24	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Lam Nam Phong at Ban Tha Mao , Khon Kaen (E.22B)

Lat 16 - 39 - 13 N Long 102 - 49 - 39 E

Location : on right bank at Ban Tha Mao.

	Ban Tha Mao	Amphoe Nam Phong	Changwat Khon Kaen
Drainage Area	13,638 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2004-Cont'd		
Actual Measurement	2004-Cont'd		
Using Rating Curve Water Year	2004-2005		
Number of observation	39		
R-Square	0.8539		
Remarks	Continued Sediment Station		

$$QS = 2.4100 QW^{1.25320}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	14.30	40.91	88.68	43.28	76.83	96.76	92.70	21.63	42.47	39.42	29.70	29.70		
2	13.14	41.72	81.73	47.27	57.39	102.91	78.78	21.63	44.10	37.83	29.00	30.41		
3	14.91	43.28	60.85	48.10	53.13	108.10	57.39	20.36	44.86	39.42	29.00	29.70		
4	13.69	44.10	47.27	54.82	40.91	87.68	52.28	21.63	43.28	39.42	29.70	31.11		
5	14.30	46.44	49.76	54.82	40.91	61.72	42.47	37.10	44.86	40.17	29.70	31.83		
6	14.30	49.76	48.93	55.68	48.10	65.35	31.83	56.53	43.28	37.83	30.41	32.59		
7	14.30	118.62	46.44	51.44	51.44	59.11	24.87	38.63	46.44	37.10	30.41	31.83		
8	14.30	204.54	48.10	45.62	46.44	82.71	19.12	41.72	44.86	36.31	31.83	34.80		
9	14.91	188.38	48.93	40.91	41.72	155.49	18.52	48.93	44.86	35.58	30.41	35.58		
10	17.89	134.75	47.27	40.17	34.80	204.54	19.71	51.44	46.44	36.31	34.80	34.80		
11	19.12	136.12	41.72	38.63	29.00	217.97	20.36	52.28	53.97	36.31	32.59	35.58		
12	17.89	145.74	41.72	43.28	22.90	242.24	61.72	55.68	51.44	36.31	31.11	37.10		
13	26.92	149.90	37.83	43.28	22.29	210.49	32.59	56.53	47.27	39.42	31.83	35.58		
14	48.10	148.51	39.42	30.41	26.23	159.70	34.08	59.98	45.62	37.10	30.41	37.10		
15	48.10	151.29	43.28	28.31	25.55	109.40	35.58	58.25	45.62	36.31	30.41	38.63		
16	41.72	151.29	57.39	26.92	26.92	108.10	34.80	55.68	42.47	36.31	31.11	42.47		
17	44.10	138.85	58.25	27.61	25.55	90.69	32.59	54.82	41.72	35.58	31.83	118.62		
18	44.86	102.91	55.68	30.41	29.00	96.76	33.31	50.60	39.42	36.31	46.44	105.50		
19	42.47	34.08	56.53	29.70	44.10	108.10	26.92	44.86	40.91	34.08	109.40	84.69		
20	36.31	26.92	78.78	28.31	61.72	159.70	24.20	43.28	40.91	33.31	154.09	76.83		
21	28.31	34.80	140.22	31.83	71.04	223.99	19.71	45.62	39.42	36.31	173.92	74.89		
22	25.55	62.59	185.47	35.58	62.59	314.33	31.11	43.28	40.17	37.10	55.68	65.35		
23	28.31	104.20	220.97	33.31	49.76	355.24	189.84	42.47	41.72	37.83	29.00	62.59		
24	28.31	74.89	184.02	49.76	41.72	302.26	66.29	41.72	39.42	36.31	29.00	60.85		
25	26.92	60.85	165.36	85.69	23.57	230.04	44.86	42.47	34.80	32.59	28.31	60.85		
26	19.12	50.60	130.68	137.48	19.71	158.30	46.44	41.72	34.80	32.59	29.00	59.11		
27	16.67	47.27	109.40	165.36	20.97	104.20	31.11	43.28	37.83	31.11	29.70	59.98		
28	15.47	41.72	93.71	118.62	20.36	95.74	24.87	47.27	37.83	31.83	29.00	55.68		
29	14.30	36.31	63.47	89.68	40.91	125.29	22.29	47.27	37.83	31.11		57.39		
30	33.31	52.28	28.31	83.70	51.44	122.61	20.97	44.10	39.42	30.41		56.53		
31		74.89		73.93	71.04		20.36		40.17	29.70		59.11		
Total	751.90	2738.51	2400.17	1713.91	1278.04	4559.52	1291.67	1330.76	1318.21	1107.32	1237.79	1606.78	21334.58	Ton/day
Mean	25.06	88.34	80.01	55.29	41.23	151.98	41.67	44.36	42.52	35.72	44.21	51.83		Ton/day
Max	48.10	204.54	220.97	165.36	76.83	355.24	189.84	59.98	53.97	40.17	173.92	118.62	355.24	Ton/day
Min	13.14	26.92	28.31	26.92	19.71	59.11	18.52	20.36	34.80	29.70	28.31	29.70	13.14	Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Khai , Chaiyaphum (E.23)

Lat 15 - 40 - 49 N Long 102 - 00 - 46 E

Location : on left bank at the bridge on highway.

	Ban Khai	Amphoe Mueang	Changwat Chaiyaphum
Drainage Area	6,282 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9337		
Remarks	Continued Sediment Station		

$$QS = 12.6590 QW^{0.99390}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.56	0.52	30.72	380.60	358.91	75.75	1546.22	88.19	168.70	35.22	3.83	0.00	
2	2.56	0.52	36.72	326.36	225.86	92.42	1408.75	75.75	144.17	35.22	3.70	0.00	
3	2.56	0.52	38.22	310.07	115.27	115.27	1315.23	77.62	119.99	35.22	3.57	0.00	
4	2.68	0.52	36.72	310.07	103.47	168.70	1238.17	68.28	64.55	35.22	3.45	0.00	
5	2.68	0.39	38.22	301.93	108.19	160.53	1205.14	75.75	55.70	35.22	3.32	0.00	
6	2.68	0.39	38.22	296.50	92.42	163.25	1157.91	176.87	64.55	35.22	3.32	0.00	
7	2.56	0.39	36.72	291.07	83.96	204.10	1031.08	523.63	68.28	33.72	2.43	0.00	
8	2.56	0.52	26.71	307.36	72.02	396.86	813.43	922.30	66.41	33.72	1.79	0.00	
9	2.56	0.52	26.71	320.93	66.41	571.58	638.66	999.36	64.55	33.72	1.28	0.00	
10	2.56	0.52	25.71	350.77	66.41	625.89	539.61	1076.39	62.68	32.22	1.16	0.00	
11	2.56	0.64	24.71	356.20	60.81	758.97	440.45	1287.71	60.81	32.22	1.03	0.00	
12	2.56	0.64	26.71	337.21	58.94	917.76	345.35	1469.25	62.68	30.72	0.90	0.00	
13	2.30	0.64	23.71	345.35	55.70	926.83	296.50	1540.72	62.68	30.72	0.90	0.00	
14	2.30	0.52	10.64	364.33	55.70	954.03	494.85	1524.23	66.41	30.72	0.90	0.00	
15	2.43	0.52	7.24	430.85	68.28	994.83	648.24	1458.25	62.68	18.69	0.64	0.00	
16	2.30	0.52	2.56	737.61	86.08	1053.74	926.83	1392.25	42.72	1.79	0.64	0.00	
17	2.30	0.52	2.68	648.24	92.42	1176.02	990.30	1315.23	38.22	1.41	0.64	0.00	
18	2.30	0.39	62.68	391.44	86.08	1331.73	827.04	1243.68	45.97	2.30	0.64	0.00	
19	2.18	0.39	58.94	206.82	70.15	1430.75	619.50	1176.02	52.45	2.30	0.52	0.00	
20	2.18	0.52	52.45	90.30	73.88	1452.75	491.65	1053.74	50.83	2.43	0.52	0.00	
21	2.30	0.52	58.94	72.02	307.36	1425.25	383.31	899.62	44.34	3.19	0.39	0.00	
22	2.43	0.64	68.28	68.28	638.66	1458.25	269.34	786.20	33.72	5.72	0.26	0.00	
23	2.18	3.57	66.41	125.07	430.85	1513.24	176.87	667.40	35.22	17.69	0.26	0.00	
24	1.41	35.22	47.59	291.07	277.49	1568.21	133.26	574.77	35.22	23.71	0.13	0.00	
25	1.28	66.41	90.30	501.24	165.98	1601.19	108.19	488.45	36.72	21.70	0.13	0.00	
26	1.03	72.02	141.44	772.58	94.53	1672.63	98.75	424.45	42.72	19.69	0.52	0.00	
27	0.90	70.15	388.73	822.51	86.08	1700.10	105.83	358.91	42.72	15.68	14.67	0.00	
28	0.77	60.81	399.57	867.87	73.88	1722.08	103.47	320.93	42.72	14.67	14.67	0.00	
29	0.64	42.72	377.89	854.26	70.15	1705.59	90.30	115.27	42.72	9.64		0.00	
30	0.52	36.72	396.86	745.35	70.15	1661.64	90.30	255.76	41.22	6.48		0.00	
31		33.72		520.43	66.41		92.42		35.22	4.97		0.00	
Total	62.83	432.61	2643.00	12744.69	4282.50	29599.94	18626.95	22436.98	1857.57	641.14	66.21	0.00	93394.42 Ton/day
Mean	2.09	13.96	88.10	411.12	138.15	986.66	600.87	747.90	59.92	20.68	2.36	0.00	Ton/day
Max	2.68	72.02	399.57	867.87	638.66	1722.08	1546.22	1540.72	168.70	35.22	14.67	0.00	1722.08 Ton/day
Min	0.52	0.39	2.56	68.28	55.70	75.75	90.30	68.28	33.72	1.41	0.13	0.00	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Muang Lat , Roi Et (E.66A)

Lat 16 - 12 - 08 N Long 103 - 31 - 41 E

Location : on right bank at the bridge.

	Ban Muang Lat	Amphoe Chang Han	Changwat Roi Et
Drainage Area	31,879 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2004-Cont'd		
Actual Measurement	2004-Cont'd		
Using Rating Curve Water Year	2004-2005		
Number of observation	39		
R-Square	0.8309		
Remarks	Continued Sediment Station		

$$QS = 11.3560 QW^{0.98980}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	316.50	346.90	280.00	171.80	864.50	769.40	2592.60	710.00	804.00	0.00	0.00	0.00	
2	350.30	246.40	301.30	219.00	869.60	998.50	2623.20	759.50	714.90	0.00	0.00	0.00	
3	379.40	295.20	346.90	289.10	764.40	1206.80	2630.80	714.90	680.70	0.00	0.00	0.00	
4	383.10	307.30	225.10	280.00	719.90	1266.90	2533.90	769.40	675.90	0.00	0.00	0.00	
5	454.30	255.60	195.40	375.70	589.60	1238.90	2302.40	764.40	585.20	0.00	0.00	0.00	
6	427.30	163.90	161.30	346.90	511.00	1153.20	2174.70	685.40	549.90	0.00	0.00	0.00	
7	397.80	212.90	203.70	319.50	386.80	1086.10	2113.40	580.80	567.50	0.00	0.00	0.00	
8	431.00	231.20	179.70	313.40	375.70	1091.20	2127.00	789.20	524.00	0.00	0.00	0.00	
9	375.70	231.20	212.90	427.30	286.00	1753.00	2113.40	931.50	532.60	0.00	0.00	0.00	
10	322.50	416.20	158.70	431.00	322.50	2454.40	2004.30	1055.20	563.10	0.00	0.00	0.00	
11	353.80	408.90	200.70	386.80	258.60	3027.50	1936.10	1368.80	567.50	0.00	0.00	0.00	
12	339.90	298.20	137.70	336.40	222.00	3341.50	1902.00	962.40	528.30	0.00	0.00	0.00	
13	375.70	286.00	158.70	375.70	177.10	3526.30	1915.60	1122.10	478.10	0.00	0.00	0.00	
14	438.80	212.90	78.00	364.70	171.80	3553.00	1990.60	1392.80	450.50	0.00	0.00	0.00	
15	450.50	322.50	60.30	431.00	301.30	3561.90	1915.60	1452.70	462.10	0.00	0.00	0.00	
16	434.90	350.30	91.90	390.50	346.90	3273.60	1727.40	1428.70	458.20	0.00	0.00	0.00	
17	454.30	295.20	87.30	310.40	379.40	2959.60	1573.70	1362.80	446.60	0.00	0.00	0.00	
18	427.30	319.50	103.50	289.10	419.90	2783.80	1530.50	1362.80	442.70	0.00	0.00	0.00	
19	383.10	307.30	124.50	246.40	675.90	2653.80	1518.50	1326.90	431.00	0.00	0.00	0.00	
20	394.10	313.40	145.60	326.00	1350.90	2646.10	1494.60	1308.90	416.20	0.00	0.00	0.00	
21	405.20	190.20	110.40	486.40	1452.70	2883.20	1524.50	1314.90	397.80	0.00	0.00	0.00	
22	350.30	169.20	140.30	666.40	1392.80	2944.30	1428.70	1356.80	346.90	0.00	0.00	0.00	
23	343.40	249.50	264.70	705.00	1284.90	3103.90	1422.70	1386.80	386.80	0.00	0.00	0.00	
24	368.30	166.60	408.90	779.30	1086.10	3248.20	1434.70	1344.90	431.00	0.00	0.00	0.00	
25	379.40	182.30	478.10	779.30	926.40	3222.70	1416.80	1290.90	446.60	0.00	0.00	0.00	
26	357.30	280.00	319.50	849.00	833.70	3087.00	1338.90	1147.80	401.50	0.00	0.00	0.00	
27	405.20	148.20	401.50	864.50	874.80	2936.70	1190.70	774.30	401.50	0.00	0.00	0.00	
28	394.10	171.80	401.50	957.30	769.40	2776.20	972.80	947.00	368.30	0.00	0.00	0.00	
29	423.60	148.20	292.10	1050.00	607.30	2533.90	941.80	983.10	383.10	0.00		0.00	
30	419.90	166.60	249.50	1003.70	528.30	2541.10	833.70	1008.80	394.10	0.00		0.00	
31		364.70		879.90	528.30		774.30		397.80	0.00		0.00	
Total	11737.00	8058.30	6519.70	15651.50	20278.50	73622.70	53999.90	32404.50	15234.40	0.00	0.00	0.00	237506.50 Tonday
Mean	391.20	259.90	217.30	504.90	654.10	2454.10	1741.90	1080.20	491.40	0.00	0.00	0.00	Ton/day
Max	454.30	416.20	478.10	1050.00	1452.70	3561.90	2630.80	1452.70	804.00	0.00	0.00	0.00	3561.90 Ton/day
Min	316.50	148.20	60.30	171.80	171.80	769.40	774.30	580.80	346.90	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005**CHI RIVER BASIN****Lam Phaniang at Ban Khong Po , Nong Bua Lamphu (E.68A)**

Lat 17 - 04 - 47 N Long 102 - 27 - 11 E

Location : on left bank at the bridge of Nong Bua Lamphu - Amphoe Non Sang Highway.

	Ban Khong Po	Amphoe Mueang	Changwat	Nong Bua Lamphu
Drainage Area	1,364 sq.km.			
Method of sampling	Depth Integrating			
Instrument Used	US.D-49			
Period of Available Records	1998-Cont'd			
Actual Measurement	1998-Cont'd			
Using Rating Curve Water Year	1999-2005			
Number of observation	106			
R-Square	0.8381			
Remarks	Continued Sediment Station			

$$QS = 7.0676 QW^{1.01800}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	16.14	19.43	148.42	183.80	19.43	2.78	0.68	0.00	0.00	
2	0.00	0.00	0.00	10.68	16.14	197.15	202.49	19.43	2.78	0.68	0.00	0.00	
3	0.00	0.00	0.00	17.23	13.95	231.92	189.14	21.63	2.43	0.68	0.00	0.00	
4	0.00	0.00	0.00	31.57	11.77	259.11	159.06	20.53	2.07	0.68	0.00	0.00	
5	0.00	0.00	0.00	81.17	10.68	237.28	140.83	19.43	2.07	0.68	0.00	0.00	
6	0.00	0.00	0.00	100.74	12.86	163.62	120.38	17.23	2.07	0.33	0.00	0.00	
7	0.00	0.00	0.00	90.95	13.95	157.54	105.65	8.51	2.07	0.33	0.00	0.00	
8	0.00	0.00	0.00	47.14	12.86	139.32	100.74	3.49	1.72	0.33	0.00	0.00	
9	0.00	0.00	0.00	28.25	10.68	149.94	98.25	7.07	1.72	0.33	0.00	0.00	
10	0.00	0.00	0.00	17.23	9.95	207.83	90.95	18.33	2.07	0.33	0.00	0.00	
11	0.00	0.00	0.00	15.04	9.23	277.53	64.15	19.43	2.07	0.00	0.00	0.00	
12	0.00	0.00	0.00	13.95	9.95	314.42	49.60	18.33	2.07	0.00	0.00	0.00	
13	0.00	0.00	0.00	19.43	10.68	329.81	39.86	18.33	1.72	0.00	0.00	0.00	
14	0.00	0.00	0.00	98.25	9.95	323.65	30.46	22.73	1.72	0.00	0.00	0.00	
15	0.00	0.00	0.00	98.25	9.23	292.89	27.14	122.88	1.72	0.00	0.00	0.00	
16	0.00	0.00	0.00	71.42	9.95	223.88	26.04	152.98	1.72	0.00	0.00	0.00	
17	0.00	0.00	0.00	49.60	13.95	157.54	27.14	66.55	1.72	0.00	0.00	0.00	
18	0.00	0.00	0.00	28.25	12.86	134.77	21.63	83.65	1.72	0.00	0.00	0.00	
19	0.00	0.00	0.00	15.04	12.86	105.65	20.53	42.31	1.37	0.00	0.00	0.00	
20	0.00	0.00	6.35	15.04	11.77	142.35	19.43	20.53	1.37	0.00	0.00	0.00	
21	0.00	0.00	18.33	51.98	10.68	191.81	21.63	9.95	1.37	0.00	0.00	0.00	
22	0.00	0.00	13.95	81.17	9.95	265.25	22.73	7.79	1.37	0.00	0.00	0.00	
23	0.00	0.00	8.51	105.65	11.77	308.26	20.53	6.35	1.37	0.00	0.00	0.00	
24	0.00	0.00	11.77	168.19	10.68	314.42	19.43	4.92	1.37	0.00	0.00	0.00	
25	0.00	0.00	71.42	242.64	9.95	280.60	18.33	4.20	1.37	0.00	0.00	0.00	
26	0.00	0.00	81.17	248.00	24.93	223.88	19.43	2.07	1.37	0.00	0.00	0.00	
27	0.00	0.00	95.84	181.13	21.63	171.23	19.43	1.37	1.37	0.00	0.00	0.00	
28	0.00	0.00	54.37	134.77	35.12	148.42	24.93	2.07	1.37	0.00	0.00	0.00	
29	0.00	0.00	32.68	56.83	31.57	140.83	26.04	2.78	1.37	0.00	0.00	0.00	
30	0.00	0.00	26.04	32.68	47.14	154.50	27.14	2.78	1.37	0.00	0.00	0.00	
31	0.00	0.00		24.93	54.37		26.04		1.37	0.00	0.00	0.00	
Total	0.00	0.00	420.43	2193.34	510.49	6393.82	1962.93	767.08	54.05	5.05	0.00	0.00	12307.19 Ton/day
Mean	0.00	0.00	14.01	70.75	16.47	213.13	63.32	25.57	1.74	0.16	0.00	0.00	Ton/day
Max	0.00	0.00	95.84	248.00	54.37	329.81	202.49	152.98	2.78	0.68	0.00	0.00	329.81 Ton/day
Min	0.00	0.00	0.00	10.68	9.23	105.65	18.33	1.37	1.37	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Lam Nam Yang at Ban Kut Kwang , Roi Et (E.70)

Lat 16 - 17 - 14 N Long 104 - 00 - 34 E

Location : on right bank at the bridge on highway.

	Ban Kut Kwang	Amphoe Phon Thong	Changwat Roi Et
Drainage Area	2,647 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9241		
Remarks	Continued Sediment Station		

$$QS = 10.2470 QW^{0.95470}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	56.00	46.90	118.20	1558.80	582.00	2412.20	65.70	31.20	12.80	7.30	8.10	
2	0.00	57.10	65.70	103.70	913.20	546.40	1600.70	72.40	29.50	12.80	7.30	8.10	
3	0.00	57.10	65.70	125.50	681.80	484.70	1028.00	67.00	27.90	12.00	6.60	8.10	
4	0.00	57.10	33.70	195.10	733.00	429.10	697.80	61.80	27.00	12.00	6.60	8.10	
5	0.00	57.10	24.50	278.60	1117.70	455.30	497.70	58.30	26.20	12.00	6.60	8.10	
6	0.00	57.10	18.50	336.00	1072.90	575.60	380.70	75.10	25.30	11.20	5.90	8.10	
7	0.00	57.10	20.20	343.50	855.60	662.50	313.60	73.70	25.30	11.20	5.20	8.10	
8	0.00	57.10	19.40	283.60	652.90	1212.10	296.10	138.20	24.50	11.20	5.20	8.10	
9	0.00	57.10	21.90	187.50	510.70	2597.90	276.10	360.90	21.90	10.40	4.50	8.10	
10	0.00	58.30	30.40	174.70	582.00	3227.40	250.90	393.00	17.70	10.40	3.80	8.10	
11	0.00	57.10	45.80	283.60	672.20	3945.30	233.20	318.60	17.70	10.40	3.00	8.10	
12	0.00	56.00	42.50	316.10	681.80	3852.30	200.20	261.00	17.70	10.40	1.60	8.10	
13	0.00	53.60	37.80	348.50	819.80	2997.60	190.00	230.70	17.70	10.40	1.60	8.10	
14	0.00	54.80	33.70	346.00	1433.40	2379.00	200.20	192.60	17.70	10.40	1.60	8.10	
15	0.00	54.80	27.90	278.60	1896.20	1569.30	187.50	185.30	17.70	9.70	2.30	8.10	
16	0.00	54.80	27.90	174.70	1783.40	1072.90	176.80	176.80	17.70	9.70	2.30	7.30	
17	0.00	54.80	21.90	105.50	1403.70	788.00	157.90	143.70	17.70	9.70	3.00	7.30	
18	0.00	56.00	21.90	59.50	2059.70	614.30	130.90	118.20	17.70	8.90	60.70	7.30	
19	0.00	56.00	36.20	42.50	2672.50	614.30	118.20	86.90	17.70	8.90	105.50	7.30	
20	0.00	56.00	53.60	37.00	3690.50	1155.30	105.50	67.00	17.70	8.90	59.50	7.30	
21	0.00	54.80	64.30	52.40	3929.80	1239.60	100.20	56.00	17.70	8.90	33.70	3.80	
22	0.00	53.60	105.50	132.80	3690.50	1600.70	91.40	54.80	17.70	8.90	24.50	3.80	
23	0.00	52.40	132.80	419.30	2686.00	1349.10	85.40	48.00	17.70	8.90	16.80	3.80	
24	0.00	51.30	153.70	1294.40	1700.00	974.80	82.40	46.90	18.50	8.10	12.80	3.80	
25	0.00	49.10	233.20	2174.90	1081.10	688.20	83.90	44.70	18.50	8.10	12.00	3.80	
26	0.00	46.90	360.90	2664.00	691.40	1019.80	76.40	43.60	19.40	8.10	7.30	3.80	
27	0.00	44.70	318.60	2680.10	552.90	1616.40	72.40	42.50	19.40	8.10	5.90	3.80	
28	0.00	42.50	248.40	2678.30	412.70	1862.20	72.40	42.50	20.20	8.10	5.20	3.80	
29	0.00	29.50	172.50	2678.80	390.50	2255.50	71.00	41.40	21.90	8.10		3.80	
30	0.00	29.50	132.80	2677.90	543.20	2538.30	60.70	39.50	21.10	8.10		3.80	
31		24.50		2631.00	620.70		63.00		21.10	8.10		3.80	
Total	0.00	1603.80	2618.80	24222.30	42090.60	44905.90	10313.40	3606.80	646.70	304.90	418.30	199.80	130931.30 Ton/day
Mean	0.00	51.70	87.30	781.40	1357.80	1496.90	332.70	120.20	20.90	9.80	14.90	6.40	Ton/day
Max	0.00	58.30	360.90	2680.10	3929.80	3945.30	2412.20	393.00	31.20	12.80	105.50	8.10	3945.30 Ton/day
Min	0.00	24.50	18.50	37.00	390.50	429.10	60.70	39.50	17.70	8.10	1.60	3.80	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Lam Saphung at Ban Na Charoen , Chaiyaphum (E.83)

Lat 16 - 09 - 21 N Long 101 - 39 - 13 E

Location : on left bank at Ban Na Charoen.

	Ban Na Charoen	Amphoe Nong Bua Daeng	Changwat Chaiyaphum
Drainage Area	744 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2004-Cont'd		
Actual Measurement	2004-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.8514		
Remarks	Continued Sediment Station		

$$QS = 2.7923 QW^{1.05610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.89	5.19	25.60	38.35	80.02	12.52	12.97	2.82	0.76	0.38	
2	0.00	0.00	1.12	4.01	24.67	35.00	72.36	11.59	12.20	2.65	0.76	0.32	
3	0.00	0.00	1.80	3.59	25.60	44.58	74.61	11.12	11.75	2.50	0.70	0.32	
4	0.00	0.00	1.80	3.89	22.13	66.76	69.21	12.20	11.28	2.41	0.70	0.30	
5	0.00	0.00	1.86	4.10	18.92	67.11	58.76	33.79	10.67	2.32	0.67	0.27	
6	0.00	0.00	2.00	3.68	16.19	90.14	51.51	53.44	10.23	2.24	0.67	0.22	
7	0.00	0.00	2.82	5.50	14.83	109.64	47.11	46.77	9.60	2.15	0.67	0.22	
8	0.00	0.00	3.21	21.21	13.74	130.35	43.96	44.89	8.85	2.09	0.62	0.22	
9	0.00	0.00	2.50	17.55	13.29	133.89	40.83	60.84	8.25	2.00	0.59	0.27	
10	0.00	0.00	2.41	14.35	12.81	176.16	38.96	75.38	7.66	1.86	0.56	0.43	
11	0.00	0.00	2.24	15.73	11.88	296.21	34.40	60.15	7.22	1.80	0.51	0.19	
12	0.00	0.00	2.41	15.96	11.59	302.56	32.14	53.09	6.79	1.74	0.48	0.17	
13	0.00	0.00	2.82	26.30	15.12	323.47	33.79	49.92	6.48	1.69	0.48	0.17	
14	0.00	0.00	3.59	51.20	25.14	413.89	59.11	47.11	6.05	1.63	0.48	0.32	
15	0.00	0.00	6.48	37.74	22.13	491.33	53.09	44.27	5.93	1.57	0.48	0.40	
16	0.00	0.00	8.10	27.93	19.37	387.94	38.35	42.70	5.78	1.51	0.43	0.30	
17	0.00	0.00	5.04	23.28	18.69	292.58	32.14	35.91	5.62	1.46	0.62	0.19	
18	0.00	0.00	4.35	19.60	26.76	229.50	29.56	32.14	5.50	1.40	0.78	0.17	
19	0.00	0.00	6.92	16.87	54.06	205.50	27.46	29.56	5.19	1.40	0.76	0.17	
20	0.00	0.00	4.92	15.96	53.75	187.42	25.14	27.23	4.56	1.34	0.76	0.14	
21	0.00	0.04	4.22	32.38	40.83	167.86	23.28	25.60	4.22	1.23	0.70	0.14	
22	0.00	0.07	5.04	37.44	48.34	164.93	21.67	23.51	4.01	1.17	0.67	0.22	
23	0.00	0.22	6.79	31.67	30.50	170.21	20.06	21.90	3.80	1.06	0.62	0.30	
24	0.00	0.07	13.29	42.39	24.44	180.13	18.46	19.15	3.68	1.01	0.62	0.30	
25	0.00	0.38	28.16	84.68	21.21	182.78	17.55	15.96	3.50	1.01	0.67	0.22	
26	0.00	0.89	20.98	105.92	18.69	138.97	17.32	15.12	3.39	1.01	0.76	0.19	
27	0.00	1.17	12.36	82.35	17.32	123.27	17.78	14.96	3.30	0.95	0.70	0.17	
28	0.00	1.23	9.92	55.02	17.09	111.04	17.09	14.83	3.30	0.89	0.67	0.14	
29	0.00	1.12	8.41	38.96	21.67	90.14	16.19	14.51	3.21	0.89		0.14	
30	0.00	0.95	6.64	30.73	23.75	78.86	14.67	14.35	3.21	0.84		0.14	
31		0.84		28.63	38.35		13.13		3.12	0.78		0.09	
Total	0.00	6.98	183.09	903.81	748.46	5430.57	1139.71	964.51	201.32	49.42	17.89	7.22	9652.98 Ton/day
Mean	0.00	0.23	6.10	29.16	24.14	181.02	36.76	32.15	6.49	1.59	0.64	0.23	Ton/day
Max	0.00	1.23	28.16	105.92	54.06	491.33	80.02	75.38	12.97	2.82	0.78	0.43	491.33 Ton/day
Min	0.00	0.00	0.89	3.59	11.59	35.00	13.13	11.12	3.12	0.78	0.43	0.09	0.00 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Nang Dad Khok , Chaiyaphum (E.84)

Lat 16 - 09 - 08 N Long 101 - 35 - 07 E

Location : on left bank at Ban Nang Dad Khok.

	Ban Nang Dad Khok	Amphoe Nong Bua Daeng	Changwat Chaiyaphum
Drainage Area	508 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2004-Cont'd		
Actual Measurement	2004-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.8218		
Remarks	Continued Sediment Station		

$$QS = 1.0277 QW^{2.01360}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.42	0.72	3.51	2.65	21.34	5.74	280.12	5.40	4.49	2.45	0.91	0.81	
2	0.42	0.72	2.26	2.45	23.89	11.94	202.83	4.80	4.49	2.45	0.91	0.72	
3	0.91	0.72	1.13	1.94	34.55	13.71	428.17	5.12	4.49	2.26	0.91	0.72	
4	0.56	0.64	1.13	1.51	20.58	22.20	419.60	5.40	4.23	2.26	0.91	0.72	
5	0.91	0.64	1.13	5.12	15.60	64.30	163.52	47.63	3.98	2.26	0.91	0.72	
6	0.91	0.64	1.80	8.41	11.94	53.21	78.27	134.42	3.74	2.26	0.91	0.72	
7	0.91	0.64	1.13	11.94	9.33	120.38	56.27	85.77	3.51	2.26	0.91	0.72	
8	0.72	0.91	1.13	16.93	7.54	153.08	50.38	81.97	3.28	2.11	0.91	0.72	
9	0.72	0.91	1.13	6.82	5.40	94.62	40.10	88.67	3.06	1.94	0.91	0.72	
10	0.64	0.81	1.39	11.94	4.80	428.17	33.47	662.44	3.06	1.80	0.91	0.72	
11	0.64	0.81	2.45	4.23	4.80	301.40	26.58	168.88	3.06	1.64	0.91	0.72	
12	0.56	0.64	1.94	6.82	8.41	120.38	22.20	80.11	3.06	1.80	1.13	0.72	
13	0.64	0.81	1.80	80.11	20.58	1358.04	23.89	59.41	2.85	1.94	1.39	0.72	
14	0.81	0.91	2.45	1883.70	23.89	2810.97	74.64	59.41	2.85	1.80	1.51	0.72	
15	0.81	1.25	4.49	138.05	18.31	2041.37	100.77	49.07	2.85	1.64	1.39	0.81	
16	0.91	1.13	2.11	47.63	11.44	2172.10	38.93	35.65	2.85	1.64	1.13	0.81	
17	1.01	1.01	1.80	42.63	7.94	647.49	21.34	27.44	2.65	1.51	1.01	0.72	
18	1.94	1.13	14.95	9.83	14.32	346.32	19.75	21.34	2.45	1.39	1.39	0.91	
19	1.25	1.64	11.94	5.74	618.10	259.62	16.25	13.71	2.26	1.39	1.25	1.80	
20	1.01	3.06	4.23	7.54	179.85	889.78	13.71	11.94	2.26	1.39	1.01	0.49	
21	1.39	2.45	2.85	174.32	64.30	1445.75	11.94	10.36	2.26	1.25	1.01	0.64	
22	1.01	2.65	3.51	280.12	42.63	1111.50	10.36	8.41	2.26	1.13	0.91	0.56	
23	1.01	13.10	14.95	1401.55	26.58	1559.26	8.89	7.54	2.26	1.01	0.91	0.64	
24	1.01	5.12	91.62	3898.46	19.02	4739.15	7.94	7.54	2.26	1.01	0.81	0.56	
25	0.81	2.26	331.00	1150.87	12.51	4973.33	7.54	6.82	2.26	1.01	0.72	0.56	
26	0.72	1.64	69.37	4131.20	8.41	662.44	7.15	6.45	2.26	1.01	0.72	0.49	
27	0.81	1.39	20.58	1615.96	6.45	419.60	6.82	6.09	2.45	1.01	0.72	0.42	
28	0.81	1.13	10.89	246.39	5.74	246.39	6.09	5.40	2.45	1.01	0.72	0.36	
29	0.81	1.01	3.98	69.37	4.80	130.84	5.74	4.23	2.45	0.91		1.25	
30	0.72	1.39	2.85	49.07	4.23	76.44	5.40	4.23	2.26	0.91		2.45	
31		21.34		31.35	5.40		5.40		2.26	0.91		1.80	
Total	25.80	73.22	615.50	15344.65	1262.68	27279.52	2194.06	1715.65	90.90	49.36	27.74	25.44	48704.52 Ton/day
Mean	0.86	2.36	20.52	494.99	40.73	909.32	70.78	57.19	2.93	1.59	0.99	0.82	Ton/day
Max	1.94	21.34	331.00	4131.20	618.10	4973.33	428.17	662.44	4.49	2.45	1.51	2.45	4973.33 Ton/day
Min	0.42	0.64	1.13	1.51	4.23	5.74	5.40	4.23	2.26	0.91	0.72	0.36	0.36 Ton/day

WATER YEAR : 2005

CHI RIVER BASIN

Chi River at Ban Kui Chuak , Maha Sarakham (E.91)

Lat 16 - 21 - 58 N Long 102 - 56 - 59 E

Location : on left bank at Ban Kui Chuak.

	Ban Kui Chuak	Amphoe Kosum Phisai	Changwat Maha Sarakham
Drainage Area	29,265 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2004-Cont'd		
Actual Measurement	2004-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9340		
Remarks	Continued Sediment Station		

$$QS = 2.9581 QW^{1.15500}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	81.20	126.30	143.40	153.80	582.00	571.20	1696.20	596.40	585.60	62.30	30.30	19.40	
2	83.30	167.80	209.60	224.20	578.40	744.10	1729.90	621.90	507.40	62.30	26.20	10.50	
3	96.30	114.00	174.90	299.00	524.60	764.90	1559.90	473.50	456.70	105.10	26.20	20.70	
4	182.00	109.50	114.00	304.10	453.30	760.80	1420.70	500.60	416.60	58.20	18.10	23.40	
5	136.50	87.60	89.80	224.20	319.40	723.30	1389.20	446.60	453.30	56.20	22.10	18.10	
6	150.30	105.10	87.60	182.00	288.80	695.20	1358.30	439.90	413.30	92.00	11.70	19.40	
7	126.30	100.70	107.30	195.10	209.60	773.30	1307.10	524.60	345.10	64.40	11.70	18.10	
8	98.50	133.10	81.20	136.50	146.90	748.30	1225.70	614.60	304.10	50.70	20.70	13.00	
9	58.20	371.10	56.20	122.90	182.00	1070.00	1256.20	625.50	319.40	47.70	34.60	11.70	
10	89.80	324.50	44.70	146.90	126.30	1410.10	1165.20	764.90	199.90	85.50	36.00	9.30	
11	77.00	164.30	56.20	119.50	140.00	1797.50	1195.40	811.10	229.10	52.20	33.10	14.20	
12	74.80	150.30	54.20	160.80	98.50	1837.20	1155.10	866.00	199.90	52.20	31.70	19.40	
13	133.10	185.60	49.20	129.70	77.00	1775.00	1190.40	1093.40	263.70	34.60	33.10	22.10	
14	136.50	178.50	49.20	229.10	89.80	1797.50	1088.70	1046.70	209.60	27.50	28.90	18.10	
15	164.30	182.00	54.20	199.90	77.00	1624.80	977.20	1070.00	278.80	27.50	47.70	16.80	
16	171.40	178.50	49.20	199.90	92.00	1384.00	883.00	1074.70	160.80	36.00	44.70	16.80	
17	153.80	178.50	49.20	164.30	68.60	1368.60	861.80	1098.10	146.90	52.20	30.30	36.00	
18	153.80	209.60	49.20	122.90	105.10	1261.30	954.20	1042.10	167.80	46.20	44.70	49.20	
19	174.90	146.90	52.20	150.30	229.10	1327.60	972.60	1116.90	126.30	46.20	46.20	68.60	
20	143.40	62.30	58.20	393.40	283.80	1570.70	1009.60	1079.40	100.70	16.80	50.70	94.10	
21	119.50	70.60	64.40	483.60	293.90	1769.30	1046.70	1098.10	70.60	28.90	107.30	89.80	
22	114.00	92.00	209.60	487.00	334.80	1894.00	1023.50	1056.00	92.00	52.20	214.40	70.60	
23	119.50	83.30	386.90	429.90	293.90	2009.90	1065.40	1032.80	129.70	44.70	111.70	50.70	
24	109.50	109.50	436.60	355.50	345.10	2015.80	1170.20	1000.30	126.30	44.70	64.40	58.20	
25	70.60	146.90	393.40	386.90	439.90	1894.00	1018.80	968.00	109.50	19.40	33.10	41.80	
26	98.50	102.90	229.10	413.30	556.80	1763.70	940.40	844.80	70.60	34.60	24.80	28.90	
27	107.30	89.80	157.30	497.20	564.00	1619.30	836.40	785.90	81.20	33.10	22.10	31.70	
28	116.20	62.30	140.00	618.20	406.60	1527.70	706.80	777.50	72.70	30.30	28.90	19.40	
29	98.50	87.60	96.30	610.90	304.10	1559.90	647.40	691.60	52.20	28.90		26.20	
30	107.30	87.60	81.20	592.80	413.30	1646.50	643.80	636.40	83.30	26.20		27.50	
31		102.90		600.10	476.90		571.20		85.50	38.90		27.50	
Total	3546.30	4311.60	3824.50	9333.90	9101.50	41705.50	34067.00	24798.30	6858.60	1457.70	1235.40	991.20	141231.50 Ton/day
Mean	118.20	139.10	127.50	301.10	293.60	1390.20	1098.90	826.60	221.20	47.00	44.10	32.00	Ton/day
Max	182.00	371.10	436.60	618.20	582.00	2015.80	1729.90	1116.90	585.60	105.10	214.40	94.10	2015.80 Ton/day
Min	58.20	62.30	44.70	119.50	68.60	571.20	571.20	439.90	52.20	16.80	11.70	9.30	9.30 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Mun River at Ban Mueang Kong, Si Sa Ket (M.5)

Lat 15 - 20 - 16 N Long 104 - 09 - 21 E

Location : on left bank in front of Amphoe Rasi Salai Office.

	Ban Mueang Kong	Amphoe Rasi Salai	Changwat Si Sa Ket
Drainage Area	45,295 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	36		
R-Square	0.9467		
Remarks	Continued Sediment Station		

$$QS = 3.4228 QW^{1.07740}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	0.00	5.68	4.17	47.55	405.14	3248.62	774.07	714.36	23.59	8.79	4.17		
2	0.00	0.00	4.92	4.17	89.11	572.56	3131.10	774.07	509.96	23.59	10.78	3.42		
3	0.00	0.00	4.17	4.17	86.32	780.06	3045.12	762.10	515.24	23.59	13.20	4.17		
4	0.00	0.00	4.17	5.30	110.25	949.04	2912.58	774.07	462.57	23.59	12.39	5.30		
5	0.00	0.00	4.17	4.92	309.37	1114.08	2788.24	846.16	584.29	21.48	10.38	5.30		
6	0.00	0.00	3.79	4.17	309.37	1243.68	2641.09	852.19	1132.53	12.39	10.38	4.92		
7	0.00	0.00	3.42	4.17	236.66	1343.09	2512.90	906.58	1151.00	12.39	9.58	4.17		
8	0.00	0.00	3.79	4.54	194.94	1692.12	2356.85	1022.16	1126.38	11.98	9.58	5.30		
9	0.00	0.00	4.17	19.38	150.48	1879.41	2264.99	1095.65	1046.61	11.98	8.79	5.30		
10	0.00	0.00	3.42	18.55	113.57	2026.02	2117.16	1028.27	864.25	26.14	5.30	4.92		
11	0.00	0.00	3.42	17.30	86.32	2236.78	1998.03	852.19	852.19	19.38	4.92	4.92		
12	0.00	0.00	3.42	21.48	75.21	2448.98	1865.49	834.11	834.11	33.03	3.42	4.92		
13	0.00	0.00	3.06	19.38	62.41	2610.19	1747.47	918.69	816.07	16.06	3.42	4.92		
14	0.00	2.33	2.69	18.55	69.70	2796.00	1650.70	1114.08	810.06	28.28	3.42	4.92		
15	0.00	3.42	3.06	17.30	94.72	3021.70	1554.34	1181.84	780.06	12.39	3.42	6.83		
16	0.00	3.42	3.42	16.06	100.35	3209.41	1499.46	1256.08	684.63	18.55	5.30	5.68		
17	0.60	3.79	3.06	16.06	97.53	3311.42	1486.91	1343.09	643.18	18.55	3.42	5.68		
18	2.69	13.20	3.06	16.06	133.61	3413.66	1455.56	1499.46	631.37	19.38	3.42	8.40		
19	4.54	15.24	3.06	14.42	140.34	3500.34	1368.02	1486.91	560.85	20.64	3.42	11.98		
20	6.45	10.78	3.06	14.42	143.71	3579.27	1052.73	1468.09	368.88	20.64	3.42	10.38		
21	6.83	6.83	3.06	13.20	222.69	3658.33	678.70	1468.09	368.88	20.64	11.98	7.22		
22	6.83	6.83	3.06	13.20	280.93	3689.99	515.24	1374.26	343.14	19.38	11.58	6.83		
23	6.83	6.45	2.69	12.39	284.98	3729.59	441.62	1361.79	284.98	18.55	9.58	6.06		
24	6.06	6.45	3.42	14.42	233.16	3745.44	560.85	1355.55	194.94	18.55	11.98	5.68		
25	3.79	6.06	3.42	13.20	219.21	3745.44	1243.68	1262.28	170.90	16.06	12.39	5.30		
26	1.62	6.06	3.42	18.55	226.17	3697.91	1225.10	1077.24	164.07	10.38	13.20	5.30		
27	0.94	5.68	4.17	11.98	198.40	3626.70	1107.93	1114.08	164.07	10.38	14.42	5.30		
28	0.00	5.68	4.54	6.45	174.32	3531.90	955.12	1163.33	164.07	8.40	3.42	4.92		
29	0.00	5.68	4.54	17.30	170.90	3429.41	882.37	1188.01	94.72	10.38		4.92		
30	0.00	5.68	4.17	42.67	170.90	3334.99	810.06	840.13	47.55	8.79		4.92		
31		5.68		33.03	244.66		792.05		49.78	8.79		3.06		
Total	47.18	119.26	109.50	440.96	5077.84	78322.65	51910.09	32994.62	17135.69	547.92	225.30	175.11	187106.13	Ton/day
Mean	1.57	3.85	3.65	14.22	163.80	2610.75	1674.52	1099.82	552.76	17.67	8.05	5.65		Ton/day
Max	6.83	15.24	5.68	42.67	309.37	3745.44	3248.62	1499.46	1151.00	33.03	14.42	11.98	3745.44	Ton/day
Min	0.00	0.00	2.69	4.17	47.55	405.14	441.62	762.10	47.55	8.40	3.42	3.06	0.00	Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Huai Samran at Ban Nongyaplong, Si Sa ket (M.9)

Lat 15 - 06 - 58 N Long 104 - 19 - 21 E

Location : on right bank at the bridge on Highway.

	Ban Nongyaplong	Amphoe Mueang	Changwat Si Sa Ket
Drainage Area	2,988 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9595		
Remarks	Continued Sediment Station		

$$QS = 2.2950 QW^{1.15350}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.36	0.16	0.36	0.36	1.77	55.39	181.46	23.45	22.01	4.52	0.36	0.36	
2	0.36	0.16	0.36	0.57	4.23	55.39	164.52	22.37	19.53	4.52	0.36	0.36	
3	0.16	0.16	0.16	0.36	3.66	57.82	145.97	21.66	17.09	3.95	0.36	0.36	
4	0.16	0.16	0.36	1.03	4.23	62.32	127.73	20.95	14.02	3.66	0.57	0.36	
5	0.16	0.16	0.36	0.57	5.11	66.45	117.84	24.90	10.38	3.38	0.80	0.36	
6	0.16	0.16	0.36	0.36	6.00	76.48	105.41	26.73	11.36	2.83	0.80	0.36	
7	0.16	0.16	0.16	0.36	5.40	82.85	95.78	28.57	19.53	1.27	1.03	0.36	
8	0.16	0.16	0.16	1.27	4.52	97.08	88.85	34.57	18.48	1.03	1.27	0.36	
9	0.16	0.16	0.36	0.80	5.11	140.46	86.70	39.17	17.43	0.57	1.27	0.36	
10	0.16	0.36	0.36	0.57	4.81	201.01	82.85	41.11	16.05	0.57	1.27	0.36	
11	0.16	0.36	0.36	0.36	4.52	246.77	76.91	41.88	14.69	1.52	1.52	0.36	
12	0.16	0.16	0.36	1.03	5.11	279.61	72.28	44.23	13.68	7.84	1.52	0.36	
13	0.36	0.16	0.36	0.80	4.81	312.97	69.35	46.59	13.01	1.03	1.52	0.36	
14	0.36	0.16	0.36	0.57	4.81	360.78	68.52	49.37	11.69	1.52	1.52	0.36	
15	0.36	0.16	0.57	0.57	18.48	430.11	68.11	54.99	10.70	3.11	1.52	0.36	
16	0.36	0.36	0.57	0.36	36.48	458.38	68.11	62.32	10.06	4.52	1.52	0.36	
17	0.36	0.36	0.80	0.36	41.11	475.03	68.11	69.77	9.42	4.23	1.52	0.36	
18	0.36	0.36	0.57	0.36	57.82	482.57	68.94	74.80	8.78	3.11	1.52	0.36	
19	0.36	0.36	0.57	0.16	54.99	540.73	63.55	78.18	8.46	3.66	1.77	0.80	
20	0.36	0.36	0.36	0.16	49.37	587.54	57.42	63.97	7.22	4.23	1.77	0.57	
21	0.36	0.36	0.36	0.36	57.42	593.08	45.80	63.97	6.60	3.38	1.77	0.36	
22	0.36	0.36	0.16	0.36	58.23	530.34	37.24	59.05	4.81	2.56	1.77	0.36	
23	0.16	0.16	0.16	0.57	61.09	473.95	36.10	54.18	3.66	0.57	1.77	0.36	
24	0.16	0.16	0.36	0.57	56.61	427.45	35.33	48.97	5.11	0.57	1.77	0.36	
25	0.16	0.57	0.36	0.36	42.27	383.19	36.86	44.23	6.60	0.57	1.52	0.16	
26	0.16	0.36	0.36	0.80	29.68	340.11	41.88	39.94	7.84	0.36	1.52	0.16	
27	0.36	0.57	0.36	0.57	26.73	286.14	37.63	36.48	7.53	0.36	1.03	0.16	
28	0.36	0.36	0.36	1.03	25.99	245.29	34.57	31.55	7.22	0.36	0.36	0.16	
29	0.36	0.36	0.36	1.77	34.95	226.66	28.57	28.20	6.60	0.36		0.16	
30	0.16	0.36	0.36	1.27	28.57	204.85	26.73	24.17	5.70	0.36		0.16	
31		0.36		1.27	39.55		24.90		4.81	0.36		0.16	
Total	7.80	8.58	11.08	19.91	783.43	8780.80	2264.02	1300.32	340.07	70.88	35.30	10.41	13632.60 Ton/day
Mean	0.26	0.28	0.37	0.64	25.27	292.69	73.03	43.34	10.97	2.29	1.26	0.34	Ton/day
Max	0.36	0.57	0.80	1.77	61.09	593.08	181.46	78.18	22.01	7.84	1.77	0.80	593.08 Ton/day
Min	0.16	0.16	0.16	0.16	1.77	55.39	24.90	20.95	3.66	0.36	0.36	0.16	0.16 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Se Bai at Ban Chiang Pheng, Yasothon (M.32)

Lat 15 - 50 - 18 N Long 104 - 27 - 35 E

Location : on right bank at Phawaphutanon bridge.

	Ban Chiang Pheng	Amphoe Pa Tiu	Changwat Yasothon
Drainage Area	1,646 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	40		
R-Square	0.8533		
Remarks	Continued Sediment Station		

$$QS = 6.9590 QW^{1.04480}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	245.67	2575.48	1331.86	791.12	89.28	65.10	47.61	0.00	0.00	
2	0.00	0.00	0.00	196.76	2161.00	1372.69	663.33	81.19	61.11	47.61	0.00	0.00	
3	0.00	0.00	0.00	196.76	1868.97	1297.36	567.29	81.19	61.11	47.61	0.00	0.00	
4	0.00	0.00	0.00	234.67	1718.60	1219.13	407.67	81.19	61.11	47.61	0.00	0.00	
5	0.00	0.00	0.00	407.67	1463.84	1244.10	219.47	81.19	61.11	44.85	0.00	0.00	
6	0.00	0.00	0.00	523.46	1331.86	1265.99	204.32	99.85	57.12	44.85	0.00	0.00	
7	0.00	0.00	0.00	454.53	1212.87	1284.81	189.22	196.76	61.11	44.85	0.00	0.00	
8	0.00	0.00	0.00	227.07	796.46	1369.50	204.32	361.04	61.11	44.85	0.00	0.00	
9	0.00	0.00	0.00	181.69	855.36	1498.24	300.98	523.46	61.11	47.61	0.00	0.00	
10	0.00	0.00	0.00	204.32	960.18	1801.56	345.56	540.97	61.11	47.61	0.00	0.00	
11	0.00	0.00	0.00	454.53	849.99	2032.84	323.24	345.56	61.11	47.61	0.00	0.00	
12	0.00	0.00	0.00	545.35	801.81	2060.67	323.24	189.22	57.12	47.61	0.00	0.00	
13	0.00	0.00	0.00	545.35	1206.62	1965.18	323.24	159.17	57.12	50.38	0.00	0.00	
14	0.00	0.00	0.00	540.97	1297.36	1820.02	323.24	159.17	57.12	57.12	0.00	0.00	
15	0.00	0.00	0.00	527.83	1328.68	1635.81	323.24	256.70	53.15	65.10	0.00	0.00	
16	0.00	0.00	0.00	454.53	1300.46	1473.35	256.70	227.07	53.15	65.10	0.00	0.00	
17	0.00	0.00	0.00	407.67	1291.09	1338.15	227.07	174.17	53.15	65.10	0.00	0.00	
18	0.00	0.00	0.00	245.67	1419.79	1135.96	196.76	132.66	53.15	65.10	0.00	0.00	
19	0.00	0.00	0.00	174.17	1856.96	1571.55	181.69	119.49	50.38	65.10	0.00	0.00	
20	0.00	0.00	0.00	166.66	2205.65	2433.24	159.17	106.38	50.38	65.10	0.00	0.00	
21	0.00	0.00	0.00	174.17	2554.87	2339.85	139.27	93.34	50.38	65.10	0.00	0.00	
22	0.00	0.00	0.00	174.17	2827.09	2116.38	139.27	89.28	50.38	65.10	0.00	0.00	
23	0.00	0.00	0.00	211.89	2472.51	1880.98	132.66	77.15	50.38	65.10	0.00	0.00	
24	0.00	0.00	0.00	567.29	1838.48	1672.59	119.49	73.13	50.38	65.10	0.00	0.00	
25	0.00	0.00	139.27	1135.96	1347.53	1316.20	119.49	73.13	50.38	65.10	0.00	0.00	
26	0.00	0.00	196.76	1319.30	668.63	925.18	119.49	73.13	50.38	0.00	0.00	0.00	
27	0.00	0.00	189.22	1397.78	485.89	844.63	112.93	73.13	50.38	0.00	0.00	0.00	
28	0.00	0.00	189.22	1489.09	166.66	960.18	106.38	73.13	50.38	0.00	0.00	0.00	
29	0.00	0.00	211.89	1810.79	227.07	1100.71	106.38	73.13	50.38	0.00	0.00	0.00	
30	0.00	0.00	234.67	2302.54	334.39	1100.71	106.38	73.13	50.38	0.00	0.00	0.00	
31	0.00	0.00	0.00	2616.72	716.46	0.00	106.38	0.00	50.38	0.00	0.00	0.00	
Total	0.00	0.00	1161.03	20135.03	42142.62	45409.42	7838.99	4777.39	1711.11	1383.88	0.00	0.00	124559.48 Ton/day
Mean	0.00	0.00	38.70	649.52	1359.44	1513.65	252.87	159.25	55.20	44.64	0.00	0.00	Ton/day
Max	0.00	0.00	234.67	2616.72	2827.09	2433.24	791.12	540.97	65.10	65.10	0.00	0.00	2827.09 Ton/day
Min	0.00	0.00	0.00	166.66	166.66	844.63	106.38	73.13	50.38	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005**MUN RIVER BASIN****Huai Thap Than at Ban Huai Thap Than, Si Sa Ket (M.42)**

Lat 15 - 02 - 48 N Long 104 - 01 - 31 E

Location : on right bank at the bridge on highway.

	Ban Huai Thap Than	Amphoe Huai Thap Thun	Changwat Si Sa Ket
Drainage Area	2,832 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	21		
R-Square	0.9453		
Remarks	Continued Sediment Station		

$$QS = 3.3589 QW^{1.01550}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	55.39	133.96	26.34	13.03	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	108.02	109.46	26.34	11.64	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	135.76	91.85	26.34	10.25	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	152.02	77.52	26.34	10.25	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	166.49	77.52	50.41	10.25	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	172.28	77.52	57.88	8.17	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	179.17	106.94	52.90	8.17	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	188.60	108.02	43.31	7.14	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	222.37	62.87	55.39	4.04	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	265.71	50.41	45.44	4.04	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	301.84	45.44	50.41	5.07	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	338.77	52.90	65.37	5.07	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	4.04	378.70	67.87	77.52	5.07	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	26.34	420.89	73.95	65.37	4.04	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	22.83	482.28	57.88	65.37	4.04	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	21.42	526.10	45.44	67.87	4.04	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	21.42	558.90	43.31	81.10	4.04	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	11.64	562.22	41.18	67.87	4.04	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	15.82	558.90	41.18	57.88	4.04	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	18.62	549.69	39.06	55.39	3.02	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	22.83	514.31	39.06	52.90	3.02	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	26.34	482.28	41.18	47.92	3.02	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	28.46	433.75	41.18	39.06	3.02	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	28.46	365.14	41.18	32.69	3.02	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	26.34	297.46	41.18	26.34	3.02	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	17.22	240.93	41.18	22.83	2.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	20.02	208.56	55.39	22.83	0.99	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	22.83	190.41	47.92	20.02	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	22.83	185.69	39.06	17.22	0.00	0.00		0.00	
30	0.00	0.00	0.00	0.00	26.34	170.47	30.57	15.82	0.00	0.00		0.00	
31		0.00		0.00	39.06		28.46		0.00	0.00		0.00	
Total	0.00	0.00	0.00	0.00	422.86	9413.10	1850.64	1362.47	147.54	0.00	0.00	0.00	13196.61 Ton/day
Mean	0.00	0.00	0.00	0.00	13.64	313.77	59.70	45.42	4.76	0.00	0.00	0.00	Ton/day
Max	0.00	0.00	0.00	0.00	39.06	562.22	133.96	81.10	13.03	0.00	0.00	0.00	562.22 Ton/day
Min	0.00	0.00	0.00	0.00	0.00	55.39	28.46	15.82	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Takhong at Vaccine Serum Office, Nakhon Ratchasima (M.89)

Lat 14 - 41 - 39 N Long 101 - 25 - 00 E

Location : on left bank at the bridge in front of Vaccine Serum Office.

	Ban -	Amphoe	Pak Chong	Changwat	Nakhon Ratchasima
Drainage Area	713	sq.km.			
Method of sampling	Depth Integrating				
Instrument Used	US.D-49				
Period of Available Records	1981 - 1988,1991,1997 - Cont'd				
Actual Measurement	1981 - 1988,1991,1997 - Cont'd				
Using Rating Curve Water Year	2005				
Number of observation	24				
R-Square	0.9092				
Remarks	Continued Sediment Station				

$$QS = 5.6165 QW^{1.52020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.00	4.39	13.15	20.59	22.62	18.62	280.51	41.04	51.58	24.71	16.73	13.15	
2	4.00	4.39	8.37	16.73	20.59	130.03	172.11	36.09	46.21	22.62	16.73	13.15	
3	5.62	4.39	6.95	13.15	18.62	62.91	248.61	33.70	46.21	22.62	16.73	13.15	
4	4.39	4.39	9.88	13.15	16.73	41.04	348.13	31.36	43.60	22.62	16.73	13.15	
5	4.00	4.39	8.37	11.48	26.87	48.87	177.65	41.04	43.60	22.62	14.90	13.15	
6	4.00	4.79	20.59	9.88	20.59	46.21	166.63	79.17	43.60	22.62	14.90	13.15	
7	4.00	4.00	74.98	14.90	16.73	38.54	110.55	166.63	41.04	22.62	14.90	16.73	
8	4.00	4.00	26.87	13.15	18.62	71.90	92.18	300.27	38.54	20.59	14.90	16.73	
9	4.00	4.00	20.59	11.48	16.73	177.65	92.18	443.24	36.09	20.59	14.90	14.90	
10	4.00	4.00	41.04	11.48	14.90	68.85	115.32	521.57	36.09	20.59	16.73	14.90	
11	4.39	4.00	105.85	8.37	14.90	48.87	92.18	742.86	33.70	18.62	16.73	14.90	
12	4.00	4.79	57.15	14.90	14.90	38.54	71.90	513.54	33.70	18.62	16.73	14.90	
13	4.00	4.79	29.09	11.48	14.90	38.54	68.85	613.50	33.70	18.62	16.73	16.73	
14	4.00	4.39	18.62	11.48	135.07	1233.32	481.86	875.64	31.36	16.73	16.73	16.73	
15	4.00	4.00	16.73	13.15	287.04	4954.88	254.88	383.78	31.36	16.73	18.62	14.90	
16	4.39	4.39	14.90	13.15	145.33	3142.54	125.06	334.21	29.09	16.73	16.73	14.90	
17	5.62	4.79	11.48	22.62	74.98	686.38	74.98	1287.75	26.87	16.73	18.62	14.90	
18	5.20	5.62	11.48	22.62	51.58	578.95	60.00	863.65	24.71	16.73	20.59	14.90	
19	6.95	5.20	18.62	14.90	46.21	554.11	51.58	362.25	24.71	16.73	24.71	14.90	
20	6.95	5.20	16.73	20.59	145.33	2032.52	48.87	236.22	24.71	16.73	22.62	20.59	
21	5.62	4.79	14.90	16.73	65.86	2673.22	46.21	166.63	24.71	16.73	18.62	16.73	
22	9.88	5.20	13.15	14.90	48.87	631.45	43.60	130.03	24.71	16.73	18.62	18.62	
23	5.62	5.20	9.88	13.15	46.21	489.71	41.04	110.55	24.71	16.73	18.62	16.73	
24	5.20	4.79	9.88	13.15	41.04	341.15	38.54	92.18	24.71	16.73	16.73	18.62	
25	4.39	4.79	71.90	18.62	31.36	230.11	41.04	79.17	24.71	16.73	16.73	16.73	
26	4.79	4.79	92.18	22.62	36.09	248.61	43.60	71.90	24.71	14.90	14.90	14.90	
27	4.79	4.79	48.87	54.34	29.09	188.90	43.60	68.85	24.71	14.90	14.90	14.90	
28	4.39	4.39	29.09	41.04	36.09	161.21	51.58	62.91	24.71	16.73	14.90	14.90	
29	4.39	4.79	24.71	33.70	22.62	155.86	62.91	57.15	24.71	16.73		14.90	
30	4.79	5.62	22.62	29.09	20.59	230.11	51.58	54.34	24.71	16.73		16.73	
31		22.62		24.71	18.62		46.21		24.71	16.73		74.98	
Total	145.37	161.68	868.62	571.30	1519.68	19363.60	3643.94	8801.22	992.28	575.54	480.98	539.25	37663.46 Ton/day
Mean	4.85	5.22	28.95	18.43	49.02	645.45	117.55	293.37	32.01	18.57	17.18	17.40	Ton/day
Max	9.88	22.62	105.85	54.34	287.04	4954.88	481.86	1287.75	51.58	24.71	24.71	74.98	4954.88 Ton/day
Min	4.00	4.00	6.95	8.37	14.90	18.62	38.54	31.36	24.71	14.90	14.90	13.15	4.00 Ton/day

WATER YEAR : 2005**MUN RIVER BASIN****Huai Samran at Ban Thai Thaworn, Si Sa Ket (M.91)**

Lat 14 - 29 - 40 N Long 104 - 03 - 34 E

Location : on right bank about 15 kilometers, the highway at Ban Thai Thaworn.

	Ban Thai Thaworn	Amphoe Phu Sing	Changwat Si Sa Ket
Drainage Area	141 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1986 - 1991,2002 - Cont'd		
Actual Measurement	1986 - 1991,2002 - Cont'd		
Using Rating Curve Water Year	1986-2005		
Number of observation	150		
R-Square	0.8180		
Remarks	Continued Sediment Station		

$$QS = 3.4981 QW^{1.29490}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.74	1.07	0.00	1.81	12.06	6.95	1.81	0.44	0.00	0.00	
2	0.00	0.00	1.81	1.07	0.00	1.07	11.46	5.91	1.81	0.44	0.00	0.00	
3	0.00	0.00	1.81	1.07	0.00	23.13	10.29	5.41	1.81	0.44	0.00	0.00	
4	0.00	0.00	1.81	2.20	0.00	52.51	9.14	4.91	1.43	0.44	0.00	0.00	
5	0.00	0.18	1.81	1.81	0.00	9.14	6.95	7.49	1.43	0.44	0.00	0.00	
6	0.00	1.81	1.81	1.07	0.00	12.06	3.50	9.71	1.81	0.44	0.00	0.00	
7	0.00	0.44	1.81	1.07	0.00	176.96	3.50	9.14	1.81	0.44	0.00	0.00	
8	0.00	0.44	2.62	1.43	0.18	55.89	3.96	13.89	1.43	0.44	0.00	0.00	
9	0.00	0.18	2.62	1.07	1.81	23.83	3.96	42.66	1.43	0.44	0.00	0.00	
10	0.00	0.18	3.05	1.07	2.20	14.51	4.91	33.31	1.07	0.44	0.00	0.00	
11	0.00	0.18	1.07	1.07	1.07	12.66	4.91	18.37	1.07	0.44	0.00	0.00	
12	0.00	0.00	0.44	1.43	0.74	12.06	4.91	11.46	1.07	0.44	0.00	0.00	
13	0.00	0.00	0.44	1.07	0.74	11.46	5.41	9.14	0.74	0.44	0.00	0.00	
14	0.00	0.00	0.44	1.43	1.07	121.67	13.27	7.49	0.74	0.18	0.00	0.00	
15	0.00	0.00	0.44	0.74	0.74	178.07	21.06	27.39	0.74	0.18	0.00	0.00	
16	0.00	0.00	0.44	0.44	0.74	88.29	18.37	13.27	0.74	0.18	0.00	0.00	
17	0.00	0.00	0.44	0.44	0.44	46.71	42.66	9.71	0.74	0.18	0.00	0.00	
18	0.44	0.00	0.44	0.18	0.44	29.58	28.84	6.95	0.74	0.18	0.00	0.00	
19	0.18	0.00	0.44	0.00	0.44	21.74	18.37	5.91	0.44	0.18	0.00	0.00	
20	0.18	0.00	0.18	0.00	0.44	21.74	12.66	4.91	0.44	0.18	0.00	0.00	
21	0.18	0.00	0.18	0.00	1.81	21.74	9.71	3.96	0.44	0.18	0.00	0.00	
22	0.18	0.18	0.18	0.00	1.81	29.58	6.95	3.50	0.44	0.00	0.00	0.00	
23	0.18	0.44	0.44	0.00	1.07	68.98	5.91	3.05	0.44	0.00	0.00	0.00	
24	0.44	0.44	0.44	0.00	1.07	66.31	5.41	2.62	0.44	0.00	0.00	0.74	
25	0.44	0.18	0.44	0.00	0.74	49.18	5.41	2.62	0.44	0.00	0.00	1.07	
26	0.18	0.44	0.44	0.00	0.74	27.39	4.91	2.20	0.44	0.00	0.00	1.07	
27	0.18	0.18	0.74	0.00	2.20	19.71	10.87	2.20	0.44	0.00	0.00	1.07	
28	0.18	0.00	1.07	0.00	1.81	19.04	42.66	2.20	0.44	0.00	0.00	1.07	
29	0.18	0.00	1.07	0.00	1.07	14.51	25.24	2.20	0.44	0.00		1.81	
30	0.00	0.00	1.81	0.00	1.07	13.27	13.89	1.81	0.44	0.00		2.20	
31		0.00		0.00	1.81		9.14		0.44	0.00		1.07	
Total	2.94	5.27	31.47	19.73	26.25	1244.60	380.29	280.34	28.14	7.16	0.00	10.10	2036.29 Ton/day
Mean	0.10	0.17	1.05	0.64	0.85	41.49	12.27	9.34	0.91	0.23	0.00	0.33	Ton/day
Max	0.44	1.81	3.05	2.20	2.20	178.07	42.66	42.66	1.81	0.44	0.00	2.20	178.07 Ton/day
Min	0.00	0.00	0.18	0.00	0.00	1.07	3.50	1.81	0.44	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005**MUN RIVER BASIN****Huai Ta Thieo at Ban Na Hai, Ubon Ratchathani (M.127)**

Lat 15 - 38 - 37 N Long 104 - 55 - 57 E

Location : on left bank at the bridge on road.

	Ban Na Hai	Amphoe Trakan Phutphon Changwat Ubon Ratchathani
Drainage Area	424 sq.km.	
Method of sampling	Depth Integrating	
Instrument Used	US.D-49	
Period of Available Records	1997-Cont'd	
Actual Measurement	1997-Cont'd	
Using Rating Curve Water Year	1997-2005	
Number of observation	179	
R-Square	0.9055	
Remarks	Continued Sediment Station	

QS = 4.0507 QW^{1.24530}**Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.10	74.82	220.82	440.76	30.81	4.36	1.50	0.00	0.00	0.00	
2	0.00	0.00	2.97	49.80	317.54	240.95	24.91	4.00	1.50	0.90	0.00	0.00	
3	0.00	0.00	2.64	59.06	424.30	114.16	19.28	4.00	1.29	0.90	0.00	5.94	
4	0.00	0.00	1.50	61.63	368.32	77.52	16.24	3.65	1.29	0.90	0.00	3.31	
5	0.00	0.00	1.10	296.25	261.43	53.97	13.31	3.65	1.29	0.72	0.00	1.71	
6	0.00	0.00	1.10	346.38	131.94	59.06	13.31	4.36	1.29	0.72	0.00	1.29	
7	0.00	0.00	0.90	150.21	85.72	188.07	10.51	5.51	1.29	0.55	0.00	0.90	
8	0.00	0.00	1.50	72.15	66.85	818.28	17.24	11.43	1.29	0.55	0.00	0.90	
9	0.00	0.00	5.51	41.67	137.98	1076.61	59.06	16.24	1.29	0.55	0.00	0.72	
10	0.00	0.00	11.43	29.31	175.26	2570.27	49.80	15.25	1.29	0.38	0.00	0.72	
11	0.00	0.00	11.43	19.28	114.16	3551.96	37.72	10.51	1.10	0.38	0.00	0.55	
12	0.00	0.00	4.72	35.77	94.08	2224.47	30.81	9.60	1.10	0.38	0.00	0.55	
13	0.00	0.00	5.08	53.97	85.72	1194.48	96.90	9.60	0.90	0.38	0.00	0.72	
14	0.00	0.00	4.36	32.32	240.95	1281.68	99.74	9.13	0.90	0.38	0.00	0.55	
15	0.00	0.00	3.31	18.25	201.04	533.37	64.23	8.66	0.90	0.23	0.00	0.23	
16	0.00	0.00	5.51	14.28	96.90	261.43	43.68	8.19	0.72	0.23	0.00	0.10	
17	0.00	0.00	14.28	11.43	296.25	120.03	30.81	5.94	0.72	0.23	0.00	0.10	
18	0.00	0.00	23.48	7.73	1281.68	74.82	20.66	4.36	0.72	0.23	0.00	0.10	
19	0.00	0.00	18.25	9.60	1653.41	399.85	17.24	3.65	0.72	0.10	0.00	0.00	
20	0.00	0.00	9.13	8.66	1013.36	585.30	15.25	2.97	0.72	0.10	0.00	0.00	
21	0.00	0.00	5.51	6.38	432.51	416.12	12.36	2.97	0.72	0.00	0.00	0.00	
22	0.00	0.00	4.00	6.38	220.82	234.21	9.60	2.97	0.72	0.00	0.00	0.00	
23	0.00	0.23	3.65	33.85	94.08	105.46	9.60	2.97	0.72	0.00	0.00	0.00	
24	0.00	1.50	4.72	432.51	51.88	61.63	8.19	2.32	0.55	0.00	0.00	0.00	
25	0.00	1.29	37.72	507.77	33.85	45.70	8.19	2.32	0.55	0.00	0.00	0.00	
26	0.00	0.90	47.74	868.81	23.48	41.67	7.73	1.71	0.38	0.00	0.00	0.00	
27	0.00	0.72	30.81	1281.68	17.24	24.91	6.38	1.71	0.23	0.00	0.00	0.00	
28	0.00	0.72	88.49	3923.60	14.28	37.72	5.51	1.50	0.10	0.00	0.00	0.00	
29	0.00	0.90	125.96	5381.45	13.31	47.74	5.08	1.50	0.00	0.00		0.00	
30	0.00	0.90	99.74	1711.30	23.48	43.68	5.08	1.50	0.00	0.00		0.00	
31		0.90		391.77	353.66		4.36		0.00	0.00		0.00	
Total	0.00	8.06	577.64	15938.07	8546.30	16925.88	793.59	166.53	25.79	8.81	0.00	18.39	43009.06 Ton/day
Mean	0.00	0.26	19.25	514.13	275.69	564.20	25.60	5.55	0.83	0.28	0.00	0.59	Ton/day
Max	0.00	1.50	125.96	5381.45	1653.41	3551.96	99.74	16.24	1.50	0.90	0.00	5.94	5381.45 Ton/day
Min	0.00	0.00	0.90	6.38	13.31	24.91	4.36	1.50	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Huai Bon at Ban Phon Thong, Ubon Ratchathani (M.152)

Lat 14 - 27 - 47 N Long 105 - 06 - 19 E

Location : on left bank at the bridge on road.

	Ban Phon Thong	Amphoe Nam Yuen	Changwat Ubon Ratchathani
Drainage Area	214 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	1999-2005		
Number of observation	173		
R-Square	0.9291		
Remarks	Continued Sediment Station		

$$QS = 2.9791 QW^{1.14480}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.12	0.53	0.61	1.72	2.21	4.92	17.52	5.10	1.63	0.87	0.53	0.45	
2	0.05	0.34	0.53	1.44	1.98	12.09	13.73	4.92	1.63	0.87	0.53	0.53	
3	0.05	0.19	0.45	2.98	2.47	10.88	12.09	4.56	1.53	0.78	0.53	0.34	
4	0.12	0.19	0.34	4.56	3.15	11.28	12.09	4.20	1.44	0.78	0.53	0.34	
5	0.19	0.19	0.34	4.02	3.50	17.09	20.97	4.38	1.44	0.78	0.53	0.34	
6	0.26	0.12	0.19	3.32	7.35	27.64	19.24	4.38	1.53	0.69	0.45	0.26	
7	0.05	0.34	0.26	5.65	5.29	19.24	19.24	4.20	1.44	0.69	0.45	0.53	
8	0.12	1.04	0.53	17.95	6.02	15.40	17.95	4.02	1.35	0.69	0.45	0.34	
9	0.12	0.69	0.53	7.35	21.85	14.15	17.95	4.02	1.22	0.69	0.45	0.26	
10	0.53	0.69	0.34	4.20	29.91	19.24	14.15	4.38	1.13	0.69	0.45	0.61	
11	0.53	0.34	0.53	3.15	20.10	19.24	11.69	4.02	1.22	0.69	0.45	0.34	
12	0.53	0.45	0.45	2.71	18.80	17.95	12.91	4.38	1.13	0.69	0.45	0.45	
13	0.45	0.34	0.34	4.56	19.24	18.37	21.85	4.20	1.13	0.69	0.45	0.19	
14	0.34	0.53	0.34	2.98	17.09	87.48	50.01	4.38	1.13	0.69	0.45	0.19	
15	0.26	0.34	0.34	2.08	12.91	111.39	25.39	14.57	1.04	0.61	0.53	0.19	
16	0.19	0.26	0.34	1.85	10.08	75.05	19.67	9.29	1.13	0.61	0.53	0.19	
17	0.19	0.19	0.26	1.63	10.88	47.58	17.52	6.97	1.13	0.61	0.45	0.19	
18	0.19	0.45	0.61	1.44	14.57	33.92	15.40	6.40	1.04	0.53	0.61	0.19	
19	0.34	0.69	0.61	1.35	16.67	27.10	13.32	5.10	0.95	0.53	0.45	0.19	
20	0.26	0.61	0.53	1.13	12.91	31.61	10.88	4.56	1.04	0.61	0.61	0.34	
21	0.12	1.35	0.45	0.95	13.32	28.23	8.90	4.02	1.13	0.61	0.45	0.19	
22	0.05	0.95	0.34	0.95	10.88	24.28	8.50	3.67	1.35	0.53	0.34	0.19	
23	0.05	0.95	0.34	0.87	8.12	20.97	6.59	3.32	1.13	0.61	0.53	0.19	
24	0.05	0.69	0.45	1.04	6.40	19.67	5.47	2.84	1.22	0.53	0.53	0.19	
25	0.00	0.61	0.61	1.22	5.84	16.24	8.12	2.47	1.13	0.45	0.45	0.26	
26	0.00	0.53	2.21	1.13	5.10	13.32	8.90	2.34	1.04	0.45	0.53	0.26	
27	0.12	0.61	2.08	1.13	5.10	15.82	9.29	2.21	0.95	0.61	0.45	0.19	
28	0.05	0.87	1.72	1.72	9.68	17.95	8.12	2.08	1.04	0.45	0.53	0.19	
29	0.19	0.69	2.08	2.21	6.02	14.98	6.21	1.85	1.04	0.45		0.34	
30	1.04	0.61	1.85	2.61	5.29	14.15	5.65	1.72	0.87	0.45		0.53	
31		0.53		2.61	4.92		5.29		0.87	0.53		1.44	
Total	6.56	16.91	20.60	92.51	317.65	807.23	444.61	134.55	37.05	19.46	13.69	10.43	1921.25 Ton/day
Mean	0.22	0.55	0.69	2.98	10.25	26.91	14.34	4.49	1.20	0.63	0.49	0.34	Ton/day
Max	1.04	1.35	2.21	17.95	29.91	111.39	50.01	14.57	1.63	0.87	0.61	1.44	111.39 Ton/day
Min	0.00	0.12	0.19	0.87	1.98	4.92	5.29	1.72	0.87	0.45	0.34	0.19	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Dom Yai at Ban Kut Chiang Mun, Ubon Ratchathani (M.153)

Lat 14 - 26 - 41 N Long 105 - 07 - 30 E

Location : on right bank at the bridge on road.

	Ban Kut Chiang Mun	Amphoe Nam Yuen	Changwat Ubon Ratchathani
Drainage Area	373 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9047		
Remarks	Continued Sediment Station		

$$QS = 1.5107 QW^{1.34090}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.09	0.03	7.80	24.35	15.95	56.03	7.19	2.60	0.52	0.02	0.00	
2	0.00	0.09	0.02	10.68	120.81	14.14	37.40	6.59	2.33	0.44	0.02	0.00	
3	0.00	0.07	0.02	19.55	200.14	13.78	38.09	6.41	2.06	0.44	0.01	0.00	
4	0.00	0.07	0.02	16.70	141.27	12.03	39.48	6.24	2.06	0.37	0.01	0.00	
5	0.00	0.07	0.02	24.97	85.02	48.06	210.73	11.01	1.82	0.37	0.00	0.00	
6	0.00	0.05	0.02	13.07	102.66	49.04	90.71	8.42	1.82	0.30	0.00	0.00	
7	0.00	0.05	0.02	75.02	42.29	27.48	75.02	6.59	3.78	0.30	0.00	0.00	
8	0.00	0.05	0.03	72.84	28.11	33.34	65.35	6.41	3.78	0.24	0.00	0.00	
9	0.00	0.03	0.03	41.58	478.74	21.92	40.18	9.05	3.47	0.24	0.00	0.00	
10	0.00	0.03	0.02	27.48	162.53	62.20	33.34	6.89	3.03	0.17	0.00	0.00	
11	0.00	0.02	0.02	12.38	99.71	44.19	26.84	6.24	1.72	0.17	0.00	0.00	
12	0.00	0.02	0.07	47.08	75.02	38.09	27.48	5.72	1.51	0.17	0.00	0.00	
13	0.00	0.02	0.13	37.40	55.01	40.88	36.04	5.72	1.41	0.15	0.00	0.00	
14	0.00	0.01	0.13	19.55	59.09	1272.95	116.20	5.72	1.31	0.15	0.00	0.00	
15	0.00	0.01	0.11	13.78	41.58	1064.27	49.04	6.41	1.31	0.13	0.00	0.00	
16	0.00	0.00	0.07	10.35	34.68	305.23	40.88	6.41	1.21	0.13	0.00	0.00	
17	0.00	0.00	0.05	6.41	374.63	142.88	39.48	6.41	1.12	0.11	0.00	0.00	
18	0.00	0.68	0.05	5.22	179.38	93.01	29.40	6.89	0.94	0.11	0.00	0.00	
19	0.00	0.68	0.11	4.40	117.73	71.76	24.35	6.24	0.76	0.09	0.00	0.00	
20	0.00	0.44	0.17	4.09	73.93	95.33	20.73	5.38	0.76	0.09	0.00	0.00	
21	0.00	0.76	0.17	3.32	94.17	77.21	18.40	5.05	0.76	0.09	0.00	0.00	
22	0.00	0.60	0.11	3.47	61.16	63.24	14.14	4.56	0.76	0.07	0.00	0.00	
23	0.00	0.37	0.76	3.03	40.18	59.09	13.07	4.09	0.68	0.07	0.00	0.00	
24	0.00	0.37	3.17	4.40	33.34	128.58	12.38	3.93	0.60	0.07	0.00	0.00	
25	0.00	0.30	3.17	6.07	25.59	72.84	11.69	3.93	0.60	0.05	0.00	0.00	
26	0.00	0.17	11.35	5.38	21.32	48.06	11.69	3.62	0.52	0.05	0.00	0.00	
27	0.00	0.07	6.89	40.88	23.12	67.47	16.32	3.62	0.52	0.05	0.00	0.00	
28	0.00	0.07	4.40	111.64	23.73	77.21	12.73	3.62	0.44	0.05	0.00	0.00	
29	0.00	0.05	4.72	46.11	18.40	78.32	10.35	3.32	0.44	0.03		0.00	
30	0.09	0.03	7.19	35.36	15.95	38.09	9.05	3.17	0.85	0.03		0.00	
31		0.03		29.40	14.14		8.73		0.76	0.03		0.00	
Total	0.09	5.30	43.07	759.41	2867.78	4176.64	1235.32	174.85	45.73	5.28	0.06	0.00	9313.53 Ton/day
Mean	0.00	0.17	1.44	24.50	92.51	139.22	39.85	5.83	1.48	0.17	0.00	0.00	Ton/day
Max	0.09	0.76	11.35	111.64	478.74	1272.95	210.73	11.01	3.78	0.52	0.02	0.00	1272.95 Ton/day
Min	0.00	0.00	0.02	3.03	14.14	12.03	8.73	3.17	0.44	0.03	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Huai Luang at Ban Na Chaluai, Ubon Ratchathani (M.154)

Lat 14 - 27 - 06 N Long 105 - 11 - 34 E

Location : on left bank at the bridge on road.

	Ban Na Chaluai	Amphoe Na Chaluai	Changwat Ubon Ratchathani
Drainage Area	210 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9047		
Remarks	Continued Sediment Station		

$$QS = 2.8953 QW^{1.07190}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.71	0.71	2.22	2.22	11.70	41.39	12.08	2.59	4.03	2.52	0.77	
2	0.60	0.71	0.71	2.16	2.13	11.50	31.46	11.70	2.52	2.01	1.44	0.77	
3	0.60	0.71	0.77	2.28	2.01	13.96	24.63	11.50	5.11	1.58	0.97	0.77	
4	0.60	0.71	0.77	2.40	2.40	12.08	22.70	10.75	4.92	1.44	0.94	0.77	
5	0.60	0.71	0.77	1.95	4.22	75.53	25.60	12.25	4.92	1.41	0.94	0.71	
6	0.60	0.71	0.77	2.07	8.16	41.39	51.82	10.92	4.92	1.35	0.94	0.68	
7	0.60	0.71	0.80	3.33	8.00	26.57	46.42	9.84	4.92	1.35	0.94	0.68	
8	0.60	0.71	2.71	2.83	8.36	21.10	31.46	11.50	4.76	1.26	0.94	0.68	
9	0.60	0.71	1.26	2.96	17.97	19.20	26.25	10.75	4.57	1.26	0.88	0.68	
10	0.60	0.80	1.11	3.08	23.03	30.81	20.79	11.33	4.57	1.20	0.88	0.63	
11	0.60	0.80	1.17	2.90	15.45	24.63	17.40	11.33	4.41	1.20	0.88	0.63	
12	0.60	0.80	1.11	12.45	11.50	20.25	17.40	11.12	2.01	1.20	0.88	0.63	
13	0.60	0.80	1.03	13.76	9.27	25.93	15.83	10.55	1.88	1.17	0.88	0.63	
14	0.60	0.80	0.94	4.57	8.00	169.35	26.57	9.27	1.79	1.17	0.88	0.63	
15	0.60	0.80	0.94	2.90	6.35	187.68	20.25	8.53	1.73	1.17	0.80	0.63	
16	0.60	0.80	0.94	2.46	5.47	110.13	19.20	8.00	1.73	1.11	0.80	0.63	
17	0.60	0.80	0.94	2.13	5.27	69.52	27.55	7.43	1.73	1.11	0.80	0.63	
18	0.60	0.80	0.94	1.95	6.35	51.82	20.47	6.54	1.73	1.11	0.80	0.63	
19	0.60	0.80	0.97	2.52	7.63	39.72	18.35	4.92	1.67	1.11	0.80	0.63	
20	0.60	0.80	0.97	2.28	6.91	59.88	14.90	3.46	1.67	1.08	0.80	0.63	
21	0.60	0.77	0.97	2.46	11.12	58.97	13.38	3.33	1.67	1.08	0.80	0.63	
22	0.60	0.77	1.08	1.95	8.90	43.73	12.25	3.27	1.64	1.03	0.80	0.63	
23	0.60	0.77	1.08	1.85	7.07	33.11	11.50	3.27	1.64	0.97	0.80	0.63	
24	0.71	0.77	1.17	2.22	8.16	30.15	10.92	3.14	1.56	0.97	0.77	0.63	
25	0.71	0.77	1.17	1.95	7.07	24.31	13.38	3.14	1.50	0.97	0.77	0.63	
26	0.71	0.77	1.56	2.01	6.71	24.63	13.96	2.90	1.50	0.97	0.77	0.63	
27	0.71	0.77	1.64	1.88	9.64	20.79	14.52	2.83	1.44	0.97	0.77	0.63	
28	0.71	0.77	1.64	2.16	13.96	29.17	13.96	2.77	4.41	0.94	0.77	0.63	
29	0.71	0.77	1.67	2.46	20.79	23.99	13.76	2.71	4.22	0.94		0.68	
30	0.71	0.77	2.01	2.28	15.28	16.60	13.38	2.59	4.22	3.39		0.68	
31		0.71		2.13	13.00		12.45		4.22	3.39		0.68	
Total	18.77	23.60	34.32	96.55	282.40	1328.20	663.90	223.72	92.17	43.94	25.96	20.52	2854.05 Ton/day
Mean	0.63	0.76	1.14	3.11	9.11	44.27	21.42	7.46	2.97	1.42	0.93	0.66	Ton/day
Max	0.71	0.80	2.71	13.76	23.03	187.68	51.82	12.25	5.11	4.03	2.52	0.77	187.68 Ton/day
Min	0.60	0.71	0.71	1.85	2.01	11.50	10.92	2.59	1.44	0.94	0.77	0.63	0.60 Ton/day

WATER YEAR : 2005**MUN RIVER BASIN****Huai Lam Phong at Ban Nikhom, Yasothon (M.157)**

Lat 15 - 48 - 17 N Long 104 - 19 - 52 E

Location : on right bank at the bridge of Arun Prasoet road.

	Ban Nikhom	Amphoe Pa Tio	Changwat Yasothon
Drainge Area	729 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997, 2002 - Cont'd		
Actual Measurement	1997 - 1998,2000 - Cont'd		
Using Rating Curve Water Year	1997-2005		
Number of observation	80		
R-Square	0.8961		
Remarks	Continued Sediment Station		

QS = 3.5503 QW^{1.06830}**Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	79.24	128.63	172.47	16.66	14.16	7.05	0.00	0.00	
2	0.00	0.00	0.00	0.00	83.41	179.29	170.77	16.66	14.16	6.65	0.00	0.00	
3	0.00	0.00	0.00	0.00	49.36	235.85	134.36	16.66	14.16	6.65	0.00	0.00	
4	0.00	0.00	0.00	0.00	41.11	293.30	65.22	16.03	13.54	6.26	0.00	0.00	
5	0.00	0.00	0.00	0.00	80.63	309.93	28.08	16.03	13.54	5.87	0.00	0.00	
6	0.00	0.00	0.00	0.00	124.34	296.07	24.29	16.03	13.54	5.47	0.00	0.00	
7	0.00	0.00	0.00	0.00	144.43	271.23	23.52	19.81	12.92	5.09	0.00	0.00	
8	0.00	0.00	0.00	0.00	153.82	265.73	29.60	27.30	12.92	4.70	0.00	0.00	
9	0.00	0.00	0.00	0.00	158.90	257.49	34.93	32.65	12.30	3.93	0.00	0.00	
10	0.00	0.00	0.00	0.00	127.20	268.48	34.93	58.39	12.30	3.17	0.00	0.00	
11	0.00	0.00	0.00	0.00	94.59	360.65	34.18	93.19	12.30	2.80	0.00	0.00	
12	0.00	0.00	0.00	0.00	64.07	507.06	33.39	98.81	12.30	2.43	0.00	0.00	
13	0.00	0.00	0.00	0.00	64.07	538.38	33.39	58.39	12.30	2.06	0.00	0.00	
14	0.00	0.00	0.00	0.00	70.94	487.30	33.39	31.86	11.69	1.69	0.00	0.00	
15	0.00	0.00	0.00	0.00	97.40	425.22	33.39	29.60	11.69	1.33	0.00	0.00	
16	0.00	0.00	0.00	22.02	111.53	357.09	31.86	32.65	11.69	0.98	0.00	0.00	
17	0.00	0.00	0.00	25.02	124.34	312.71	28.08	31.12	11.07	0.64	0.00	0.00	
18	0.00	0.00	0.00	21.30	157.21	257.49	25.02	26.57	11.07	0.30	0.00	0.00	
19	0.00	0.00	0.00	16.66	195.91	271.23	23.52	23.52	11.07	0.30	0.00	0.00	
20	0.00	0.00	0.00	14.16	218.04	287.77	22.79	17.92	11.07	0.00	0.00	0.00	
21	0.00	0.00	0.00	12.92	238.08	296.07	21.30	17.28	10.46	0.00	0.00	0.00	
22	0.00	0.00	0.00	12.30	296.07	296.07	21.30	17.28	10.46	0.00	0.00	0.00	
23	0.00	0.00	0.00	13.54	357.09	309.93	19.81	16.66	10.46	0.00	0.00	0.00	
24	0.00	0.00	0.00	19.18	353.52	318.26	18.55	16.03	10.46	0.00	0.00	0.00	
25	0.00	0.00	0.00	25.02	326.61	301.61	17.92	16.03	9.85	0.00	0.00	0.00	
26	0.00	0.00	0.00	31.86	271.23	254.75	17.92	15.40	9.25	0.00	0.00	0.00	
27	0.00	0.00	0.00	34.93	182.70	193.70	17.92	14.78	8.64	0.00	0.00	0.00	
28	0.00	0.00	0.00	48.24	51.61	169.07	17.92	14.78	8.64	0.00	0.00	0.00	
29	0.00	0.00	0.00	65.22	24.29	160.59	17.28	14.78	8.04	0.00	0.00	0.00	
30	0.00	0.00	0.00	73.24	27.30	195.91	16.66	14.78	8.04	0.00	0.00	0.00	
31		0.00		77.85	49.36		16.66		7.44	0.00	0.00	0.00	
Total	0.00	0.00	0.00	513.46	4418.40	8806.86	1220.42	837.65	351.53	67.37	0.00	0.00	16215.69 Ton/day
Mean	0.00	0.00	0.00	16.56	142.53	293.56	39.37	27.92	11.34	2.17	0.00	0.00	Ton/day
Max	0.00	0.00	0.00	77.85	357.09	538.38	172.47	98.81	14.16	7.05	0.00	0.00	538.38 Ton/day
Min	0.00	0.00	0.00	0.00	24.29	128.63	16.66	14.78	7.44	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Dom Yai at Ban Kham Samran, Ubon Ratchathani (M.170)

Lat 14 - 47 - 19 N Long 105 - 06 - 10 E

Location : on right bank at the bridge.

	Ban Kham Samran	Amphoe Det Udom	Changwat Ubon Ratchathani
Drainage Area	1,745 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2002-Cont'd		
Actual Measurement	2002-Cont'd		
Using Rating Curve Water Year	2002-2005		
Number of observation	18		
R-Square	0.9522		
Remarks	Continued Sediment Station		

$$QS = 3.6042 QW^{1.18000}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.22	0.38	24.08	113.46	166.92	494.84	96.74	18.50	6.98	0.87	0.00	
2	0.00	1.22	0.54	29.86	130.93	183.07	494.84	88.02	18.50	6.51	0.70	0.00	
3	0.00	1.40	0.54	35.81	206.52	259.52	399.06	84.57	17.42	5.82	0.70	0.00	
4	0.00	1.59	0.24	35.81	240.03	378.21	329.42	81.14	16.88	5.59	0.70	0.00	
5	0.00	1.59	0.24	35.81	279.23	347.27	339.60	86.29	16.34	5.36	0.70	0.00	
6	0.00	1.59	0.00	74.35	289.16	790.71	469.71	96.74	15.81	5.14	0.70	0.00	
7	0.00	1.59	0.00	74.35	301.66	1166.25	433.28	111.30	15.27	4.91	0.70	0.00	
8	0.00	1.59	0.00	142.03	274.28	1285.25	425.34	130.93	14.75	4.69	0.54	0.00	
9	0.00	1.59	0.70	204.16	380.81	1181.67	399.06	142.03	14.22	4.47	0.54	0.00	
10	0.00	1.59	0.70	169.22	892.32	1115.08	321.81	153.27	13.70	4.25	0.38	0.00	
11	0.00	1.59	1.22	113.46	1070.84	957.75	252.18	153.27	13.18	4.03	0.24	0.00	
12	0.00	2.57	1.22	89.76	856.94	1034.44	261.97	133.14	12.66	3.82	0.11	0.00	
13	0.00	2.57	0.70	160.08	538.38	779.11	249.75	107.37	12.15	3.60	0.00	0.00	
14	0.00	2.57	0.38	247.31	373.03	872.64	276.75	102.03	10.63	3.39	0.00	0.00	
15	0.00	1.59	0.38	133.14	316.75	1321.81	391.22	94.99	8.17	3.18	0.00	0.00	
16	0.00	1.59	0.38	88.02	259.52	1572.23	309.19	89.76	7.69	2.98	0.00	0.00	
17	0.00	1.40	0.24	74.35	230.38	1767.48	269.34	81.14	7.45	2.77	0.00	0.00	
18	0.00	1.40	0.11	57.78	480.46	1866.37	259.52	86.29	7.21	2.57	0.00	0.00	
19	0.00	1.04	0.00	35.81	534.73	1747.80	232.79	79.43	6.98	2.57	0.00	0.00	
20	0.00	0.70	0.00	29.86	425.34	1070.84	206.52	64.33	6.74	1.97	0.00	0.00	
21	0.00	0.70	0.00	18.50	494.84	841.29	187.73	52.95	6.51	1.78	0.00	0.00	
22	0.00	1.59	0.00	19.60	509.29	853.02	146.51	45.03	6.05	1.78	0.00	0.00	
23	0.00	2.57	0.00	16.34	396.44	786.84	124.33	38.24	5.82	1.59	0.00	0.00	
24	0.00	4.69	0.38	18.50	289.16	627.05	117.79	28.68	5.82	1.40	0.00	0.00	
25	0.00	4.03	0.54	22.94	223.18	634.53	117.79	26.37	6.51	1.22	0.00	0.00	
26	0.00	2.57	0.70	33.41	183.07	615.86	135.35	24.08	7.69	1.04	0.00	0.00	
27	0.00	3.18	3.60	34.61	151.01	567.71	148.76	18.50	7.93	0.87	0.00	0.00	
28	0.00	3.18	4.69	43.47	148.76	480.46	135.35	18.50	8.17	0.70	0.00	0.00	
29	0.70	1.22	25.22	93.24	220.79	487.64	126.52	18.50	9.14	0.54		0.00	
30	0.87	0.70	19.60	135.35	240.03	401.67	115.62	18.50	9.63	0.54		0.00	
31		0.70		124.33	187.73		107.37		9.63	1.04		0.00	
Total	1.57	57.12	62.70	2415.34	11239.07	26160.49	8279.31	2352.13	337.15	97.10	6.88	0.00	51008.86 Ton/day
Mean	0.05	1.84	2.09	77.91	362.55	872.02	267.07	78.40	10.88	3.13	0.25	0.00	Ton/day
Max	0.87	4.69	25.22	247.31	1070.84	1866.37	494.84	153.27	18.50	6.98	0.87	0.00	1866.37 Ton/day
Min	0.00	0.70	0.00	16.34	113.46	166.92	107.37	18.50	5.82	0.54	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Phra Phloeng at Ban Non Sao - E, Nakhon Ratchasima (M.171)

Lat 14 - 29 - 58 N Long 101 - 46 - 22 E

Location : on right bank at Ban Non Sao - E.

	Ban Non Sao - E	Amphoe Wang Nam Khieo	Changwat Nakhon Ratchasima
Drainage Area	553 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	21		
R-Square	0.7410		
Remarks	Continued Sediment Station		

$$QS = 17.4240 QW^{1.21750}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	16.37	0.00	1.73	14.30	1400.00	50.59	50.59	15.33	3.22	2.46	
2	0.00	14.30	19.57	0.00	0.00	15.33	418.05	33.24	50.59	15.33	3.22	1.06	
3	1.73	4.02	11.29	0.00	0.00	23.98	215.78	30.88	45.50	15.33	3.22	1.06	
4	0.00	0.00	12.28	0.00	0.00	742.54	227.47	26.25	40.52	15.33	3.22	0.45	
5	0.00	0.00	5.71	17.42	0.00	227.47	620.06	61.03	38.07	15.33	2.46	4.85	
6	0.00	0.00	4.02	16.37	0.00	123.64	227.47	94.22	38.07	15.33	2.46	5.71	
7	0.00	0.00	2.46	12.28	0.00	88.52	146.57	596.05	35.64	14.30	4.85	4.02	
8	0.00	0.00	2.46	9.36	0.45	55.77	82.88	2296.15	38.07	13.28	5.71	3.22	
9	0.00	0.00	1.73	7.49	0.00	116.15	94.22	2020.21	38.07	13.28	4.85	4.02	
10	2.46	0.00	2.46	5.71	0.00	192.73	77.31	792.60	38.07	13.28	4.85	5.71	
11	0.00	0.00	1.73	55.77	0.00	71.81	66.38	1275.63	35.64	13.28	4.85	12.28	
12	0.00	0.00	3.22	21.75	0.00	17.42	55.77	1024.62	33.24	13.28	4.85	8.41	
13	0.00	0.00	1.73	6.59	0.00	13.28	55.77	1095.32	30.88	12.28	4.02	5.71	
14	0.00	0.00	0.45	9.36	7.49	2296.15	123.64	2521.29	30.88	12.28	4.02	4.85	
15	0.00	0.00	0.00	7.49	9.36	1441.91	123.64	227.47	26.25	11.29	4.02	5.71	
16	0.00	3.22	0.00	10.31	4.02	1095.32	108.75	525.07	23.98	11.29	4.02	5.71	
17	0.00	12.28	0.00	8.41	0.00	1526.39	227.47	301.57	23.98	11.29	7.49	4.85	
18	0.00	0.45	0.00	10.31	0.00	1911.65	88.52	263.19	23.98	11.29	13.28	5.71	
19	0.00	6.59	0.00	5.71	0.00	1484.04	55.77	227.47	21.75	10.31	9.36	50.59	
20	2.46	123.64	0.00	3.22	2.46	5245.30	45.50	192.73	21.75	9.36	6.59	66.38	
21	0.00	26.25	0.00	1.73	3.22	1316.85	55.77	138.85	19.57	7.49	4.85	21.75	
22	0.00	23.98	0.00	1.06	1.73	693.08	40.52	108.75	17.42	5.71	4.02	11.29	
23	0.00	12.28	0.00	0.00	0.45	868.75	33.24	108.75	17.42	4.85	4.02	9.36	
24	0.00	9.36	0.00	0.00	0.00	572.22	28.55	94.22	17.42	4.85	4.02	8.41	
25	0.00	7.49	0.00	0.00	0.00	388.31	30.88	131.20	17.42	4.02	4.02	7.49	
26	0.00	2.46	0.00	0.00	0.45	301.57	30.88	77.31	17.42	4.02	4.02	6.59	
27	4.85	0.00	0.00	0.00	6.59	301.57	28.55	77.31	17.42	4.02	3.22	5.71	
28	0.00	15.33	0.00	0.00	3.22	1484.04	344.45	71.81	17.42	3.22	2.46	17.42	
29	0.00	4.02	0.00	0.00	0.00	1654.67	287.51	61.03	17.42	3.22		17.42	
30	0.00	227.47	0.00	6.59	0.00	1611.70	170.16	55.77	17.42	3.22		15.33	
31		55.77		4.85	0.00		108.75		16.37	2.46		45.50	
Total	11.50	548.91	85.48	221.78	41.17	25896.46	5620.28	14580.58	878.24	309.15	131.19	369.03	48693.77 Ton/day
Mean	0.38	17.71	2.85	7.15	1.33	863.22	181.30	486.02	28.33	9.97	4.69	11.90	Ton/day
Max	4.85	227.47	19.57	55.77	9.36	5245.30	1400.00	2521.29	50.59	15.33	13.28	66.38	5245.30 Ton/day
Min	0.00	0.00	0.00	0.00	0.00	13.28	28.55	26.25	16.37	2.46	2.46	0.45	0.00 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Huai Khayung at Ban Non Si Khlai, Si Sa Ket (M.176)

Lat 15 - 00 - 18 N Long 104 - 38 - 14 E

Location : on left bank at Ban Non Si Khlai.

	Ban Non Si Khlai	Amphoe Kanthararom	Changwat Si Sa Ket
Drainge Area	3,131 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2002-Cont'd		
Actual Measurement	2002-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	20		
R-Square	0.9419		
Remarks	Continued Sediment Station		

$$QS = 2.3727 QW^{1.30950}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	0.04	0.06	3.01	4.75	47.13	448.39	65.15	16.51	1.08	0.10	0.58	
2	0.02	0.04	0.05	6.66	6.27	64.13	405.99	67.20	15.06	0.96	0.10	0.67	
3	0.02	0.04	0.04	8.71	4.39	142.38	349.36	63.12	12.70	0.96	0.10	0.58	
4	0.02	0.02	0.04	8.29	5.12	299.70	326.79	57.12	11.78	0.96	0.09	0.41	
5	0.04	0.01	0.02	10.44	7.06	453.76	351.89	64.13	11.78	0.86	0.09	0.18	
6	0.02	0.01	0.02	21.07	9.14	587.53	324.31	71.34	12.70	0.76	0.09	0.12	
7	0.02	0.01	0.04	21.59	13.16	864.67	283.71	77.65	10.88	0.67	0.09	0.12	
8	0.04	0.02	0.06	24.25	15.54	1240.66	287.57	79.78	10.00	0.58	0.25	0.09	
9	0.02	0.02	0.25	27.53	19.01	1427.96	314.41	87.35	10.00	0.49	0.25	0.09	
10	0.02	0.04	0.49	37.32	32.62	1456.23	264.62	101.83	9.14	0.49	0.18	0.09	
11	0.02	0.04	0.49	55.15	70.30	1298.26	231.07	101.83	7.47	0.41	0.12	0.25	
12	0.01	0.04	0.86	39.72	79.78	1099.42	202.18	93.97	6.27	0.41	0.10	0.41	
13	0.01	0.02	0.41	44.62	56.13	948.89	198.63	80.85	5.12	0.41	0.09	0.49	
14	0.02	0.01	0.18	44.62	44.00	1016.67	212.90	71.34	4.39	0.33	0.06	0.76	
15	0.01	0.02	0.12	50.30	33.78	1405.44	209.31	71.34	3.35	0.25	0.09	0.76	
16	0.01	0.01	0.33	36.13	31.47	1771.81	182.86	76.59	2.37	0.25	0.09	0.67	
17	0.01	0.02	0.67	25.88	31.47	1913.34	157.28	96.20	2.07	0.25	0.09	0.67	
18	0.04	0.10	0.09	25.33	34.36	1961.08	133.46	112.14	2.07	0.58	0.07	0.67	
19	0.04	0.06	0.06	25.33	34.36	1920.14	125.06	85.17	1.77	1.63	0.06	0.49	
20	0.02	0.05	0.05	21.07	44.62	1758.47	114.47	73.43	1.49	1.49	0.05	0.25	
21	0.01	0.05	0.05	18.00	69.26	1366.23	98.44	60.10	1.35	1.22	0.05	0.10	
22	0.01	0.04	0.04	15.06	121.51	1141.37	78.71	49.34	0.96	0.86	0.06	0.09	
23	0.01	0.04	0.07	12.24	140.75	1062.45	64.13	42.77	0.96	20.55	0.10	0.09	
24	0.01	0.05	0.25	7.88	119.15	1021.22	75.53	37.32	1.35	1.77	0.12	0.06	
25	0.01	0.05	0.05	6.27	86.26	980.38	71.34	33.78	1.77	0.86	0.12	0.07	
26	0.01	0.04	0.04	6.27	60.10	868.43	64.13	30.90	2.37	0.67	0.12	0.10	
27	0.04	0.02	0.05	4.75	43.38	731.97	68.23	27.53	4.39	0.49	0.33	0.12	
28	0.04	0.01	0.18	5.88	34.95	615.12	73.43	25.33	2.69	0.33	0.18	0.12	
29	0.05	0.01	1.92	5.12	32.05	524.91	77.65	21.07	1.92	0.18		0.10	
30	0.04	0.01	2.22	4.39	44.62	472.68	74.48	19.52	1.63	0.18		0.09	
31		0.01		4.03	59.10		70.30		1.35	0.12		0.09	
Total	0.66	0.95	9.20	626.91	1388.46	30462.43	5940.63	1945.19	177.66	41.05	3.24	9.38	40605.76 Ton/day
Mean	0.02	0.03	0.31	20.22	44.79	1015.41	191.63	64.84	5.73	1.32	0.12	0.30	Ton/day
Max	0.05	0.10	2.22	55.15	140.75	1961.08	448.39	112.14	16.51	20.55	0.33	0.76	1961.08 Ton/day
Min	0.01	0.01	0.02	3.01	4.39	47.13	64.13	19.52	0.96	0.12	0.05	0.06	0.01 Ton/day

WATER YEAR : 2005

MUN RIVER BASIN

Lam Sa Bai at Ban Tha Wari, Ubon Ratchathani (M.179)

Lat 15 - 19 - 34 N Long 104 - 41 - 08 E

Location : on right bank at the bridge.

	Ban Tha Wari	Amphoe Khueang Nai	Changwat Ubon Ratchathani
Drainage Area	3,881 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2002-Cont'd		
Actual Measurement	2002-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	21		
R-Square	0.7852		
Remarks	Continued Sediment Station		

$$QS = 1.8605 QW^{1.09850}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	2.90	370.90	816.75	1128.29	3.44	0.15	0.00	0.00	0.00	
2	0.00	0.00	0.00	51.36	421.13	763.31	1043.63	2.95	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	66.68	474.60	707.41	959.58	2.80	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	98.24	544.91	662.97	874.06	2.38	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	109.97	610.55	640.85	780.85	1.40	0.00	0.00	0.00	0.59	
6	0.00	0.00	0.00	76.60	674.06	638.09	701.14	1.12	0.00	0.00	0.00	0.64	
7	0.00	0.00	0.00	75.18	710.19	643.61	609.86	1.12	0.00	0.00	1.46	0.50	
8	0.00	0.00	0.00	92.42	726.93	660.20	527.93	1.70	0.00	0.00	0.77	0.77	
9	0.00	0.00	0.00	111.44	749.30	724.14	419.14	3.72	0.00	0.00	0.32	0.00	
10	0.00	0.00	0.00	114.40	749.30	782.96	334.92	6.91	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	96.79	735.31	811.11	226.03	8.02	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	72.33	701.84	833.70	140.07	13.56	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	79.46	674.06	862.00	79.46	18.77	0.00	0.00	0.00	0.18	
14	0.00	0.00	0.00	104.09	646.38	916.02	73.47	20.28	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	127.77	605.06	966.74	89.53	21.04	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	135.26	566.72	1041.11	89.53	15.78	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	138.26	547.63	1080.10	73.47	13.32	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	139.76	563.99	1112.69	47.24	11.86	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	141.27	572.18	1145.36	44.52	10.30	0.00	0.00	0.59	0.68	
20	0.00	0.00	0.00	135.26	572.18	1184.68	29.83	8.65	0.00	0.00	1.70	0.77	
21	0.00	0.00	0.00	114.40	577.65	1197.82	13.07	7.48	0.00	0.00	1.60	0.27	
22	0.00	0.00	0.00	83.76	607.80	1194.53	8.77	6.33	0.00	0.00	1.12	0.00	
23	0.00	0.00	0.00	55.50	640.85	1191.25	8.13	4.53	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	48.61	690.71	1201.10	7.44	2.80	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	44.52	738.11	1217.54	6.68	1.12	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	82.32	788.58	1240.59	6.86	0.77	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	139.76	845.01	1250.48	6.68	0.59	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	181.20	867.68	1260.37	5.54	0.50	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	253.52	864.84	1234.73	4.38	0.50	0.00	0.00		0.00	
30	0.00	0.00	1.36	296.06	853.50	1175.57	4.20	0.44	0.00	0.00		0.00	
31		0.00		344.70	853.50		3.83		0.00	0.00		0.00	
Total	0.00	0.00	1.36	3613.79	20545.45	29157.78	8348.13	194.18	0.15	0.00	7.56	4.40	61872.80 Ton/day
Mean	0.00	0.00	0.05	116.57	662.76	971.93	269.29	6.47	0.00	0.00	0.27	0.14	Ton/day
Max	0.00	0.00	1.36	344.70	867.68	1260.37	1128.29	21.04	0.15	0.00	1.70	0.77	1260.37 Ton/day
Min	0.00	0.00	0.00	2.90	370.90	638.09	3.83	0.44	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Nawarat Bridge , Chiang Mai (P.1)

Lat 18 - 47 - 10 N Long 99 - 00 - 27 E

Location : on left bank about 100 meters downstream from Nawarat Bridge.

	Ban Nawarat Bridge	Amphoe Mueang	Changwat Chiang Mai
Drainage Area	6,350 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1993-Cont'd		
Actual Measurement	1993-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	356		
R-Square	0.8896		
Remarks	Continued Sediment Station		

QS = 1.5520 QW^{1.55200}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	339.70	220.90	405.60	79.20	986.50	2326.70	38587.80	17577.00	662.10	405.60	239.40	239.40		
2	339.70	239.40	837.70	75.80	1064.10	4239.40	21203.90	13695.70	662.10	367.90	298.10	318.60		
3	339.70	383.20	948.50	75.80	1549.10	4668.70	13811.70	6163.40	662.10	349.60	339.70	361.20		
4	451.90	451.90	1025.00	79.20	1272.20	4239.40	12108.30	4452.20	693.50	331.50	339.70	567.10		
5	598.90	451.90	1143.70	107.00	1025.00	3105.70	10221.30	2980.70	631.20	313.90	298.10	598.90		
6	505.50	428.50	697.70	185.40	801.80	2441.30	8833.90	2676.30	662.10	296.50	278.00	505.50		
7	475.70	361.20	475.70	318.60	731.80	1947.50	7713.00	2158.60	1354.30	296.50	258.40	361.20		
8	475.70	339.70	451.90	136.60	731.80	1694.70	5674.80	2977.20	2549.50	296.50	339.70	339.70		
9	383.20	475.70	428.50	107.00	697.70	2441.30	3690.30	3214.30	2822.70	281.80	339.70	339.70		
10	298.10	475.70	361.20	107.00	631.20	4099.60	3168.90	4699.90	2158.60	296.50	339.70	361.20		
11	278.00	428.50	631.20	107.00	475.70	12893.30	2676.30	3540.30	1493.30	253.30	339.70	152.30		
12	298.10	361.20	505.50	86.10	536.00	17450.60	2326.70	3134.50	1220.30	253.30	361.20	152.30		
13	361.20	339.70	318.60	318.60	4523.90	18214.10	2158.60	2616.90	1264.40	239.40	318.60	136.60		
14	361.20	318.60	339.70	731.80	40993.40	7358.00	2383.80	2286.30	1097.40	239.40	278.00	121.50		
15	428.50	318.60	318.60	837.70	36234.40	4452.20	2214.10	1809.20	1026.20	239.40	239.40	93.30		
16	361.20	383.20	278.00	1362.40	14871.50	4030.30	2158.60	1697.60	956.70	239.40	220.90	107.00		
17	318.60	383.20	202.90	2052.10	7270.20	4099.60	1947.50	1753.10	823.00	212.50	239.40	185.40		
18	361.20	339.70	185.40	1362.40	5278.80	3296.60	1794.30	1588.60	600.90	199.50	339.70	239.40		
19	361.20	298.10	185.40	766.60	6413.00	4239.40	1597.20	1309.10	662.10	239.40	339.70	258.40		
20	318.60	298.10	258.40	598.90	4668.70	27245.90	1501.70	1264.40	513.10	313.90	339.70	451.90		
21	339.70	383.20	383.20	2052.10	2796.70	38587.80	1454.70	1642.80	386.60	331.50	278.00	361.20		
22	361.20	405.60	339.70	3961.40	2105.10	21920.50	1317.00	1642.80	386.60	331.50	220.90	298.10		
23	361.20	318.60	339.70	3232.50	1549.10	11893.10	1184.30	1400.10	386.60	331.50	202.90	298.10		
24	339.70	220.90	220.90	2796.70	1184.30	12780.10	1064.10	1354.30	386.60	296.50	258.40	361.20		
25	278.00	298.10	136.60	4309.90	1103.60	11893.10	1064.10	1220.30	386.60	253.30	258.40	318.60		
26	220.90	318.60	136.60	6751.30	1362.40	12219.40	1362.40	823.00	444.60	253.30	278.00	152.30		
27	185.40	258.40	107.00	4596.10	1844.90	10323.10	1184.30	757.80	541.80	121.50	258.40	136.60		
28	185.40	239.40	82.60	3232.50	1794.30	10018.70	1064.10	823.00	484.90	185.40	220.90	121.50		
29	258.40	239.40	89.70	2616.90	1794.30	31984.30	1103.60	725.40	444.60	298.10		121.50		
30	220.90	318.60	93.30	1947.50	1454.70	51893.00	1896.00	662.10	386.60	383.20		152.30		
31		361.20		1454.70	1645.70		5917.30		349.60	318.60		220.90		
Total	10406.70	10659.00	11928.50	46446.80	149391.90	347997.40	164384.50	92646.90	27100.70	8770.20	8062.70	8432.90	886228.20	Ton/day
Mean	346.90	343.80	397.60	1498.30	4819.10	11599.90	5302.70	3088.20	874.20	282.90	288.00	272.00		Ton/day
Max	598.90	475.70	1143.70	6751.30	40993.40	51893.00	38587.80	17577.00	2822.70	405.60	361.20	598.90	51893.00	Ton/day
Min	185.40	220.90	82.60	75.80	475.70	1694.70	1064.10	662.10	349.60	121.50	202.90	93.30	75.80	Ton/day

WATER YEAR : 2005**PING RIVER BASIN****Nam Mae Chaem at Kaeng Ob Luang, Chiang Mai (P.14)**

Lat 18 - 13 - 50 N Long 98 - 33 - 38 E

Location : on right bank near the bridge of Hot - Mae Sariang Highway at guidepost 7+500.

	Ban -	Amphoe Hot	Changwat	Chiang Mai
Drainage Area	3,836	sq.km.		
Method of sampling	Depth Integrating			
Instrument Used	US.D-49			
Period of Available Records	1970 - 1972,1983,1985 - 1993,2000 - Cont'd			
Actual Measurement	1970 - 1972,1983,1985 - 1993,2000 - Cont'd			
Using Rating Curve Water Year	1970 - 2005			
Number of observation	410			
R-Square	0.7318			
Remarks	Continued Sediment Station			

$$QS = 0.7333 QW^{2.05920}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.00	6.10	195.80	170.50	813.80	10420.70	17935.80	13827.70	605.00	313.40	170.50	81.80	
2	7.00	6.10	1403.80	139.70	904.20	14726.10	15198.70	7350.30	560.50	297.60	162.60	81.80	
3	8.00	4.40	18196.10	139.70	1204.00	17420.80	13190.50	3037.70	517.30	313.40	154.70	81.80	
4	11.50	4.40	7985.20	154.70	1204.00	8479.00	11962.30	1903.10	496.80	297.60	154.70	81.80	
5	15.50	3.10	7664.40	154.70	1031.90	4222.20	8647.10	1545.00	517.30	281.90	154.70	76.40	
6	23.00	3.10	560.50	154.70	813.80	3221.20	6020.60	1450.60	1239.70	281.90	154.70	76.40	
7	23.00	3.70	213.60	281.90	967.00	5209.80	4580.00	1357.80	674.80	271.70	154.70	76.40	
8	18.50	8.00	178.80	204.50	1031.90	9161.30	4702.60	1497.50	813.80	261.40	154.70	71.30	
9	15.50	47.80	456.60	213.60	904.20	12162.70	3703.70	3221.20	650.70	281.90	154.70	71.30	
10	12.70	29.10	650.70	170.50	1450.60	12364.90	3128.20	4222.20	582.30	281.90	139.70	66.10	
11	9.10	29.10	560.50	178.80	1357.80	21188.00	2687.30	2687.30	560.50	271.70	139.70	66.10	
12	8.00	47.80	281.90	154.70	1694.00	63028.30	2299.60	5743.60	517.30	271.70	147.20	61.30	
13	9.10	20.20	178.80	5209.80	11962.30	260938.80	2068.60	2068.60	496.80	271.70	147.20	61.30	
14	14.10	32.50	162.60	2358.80	22625.40	45696.30	2124.70	1545.00	476.70	241.60	139.70	52.00	
15	11.50	29.10	162.60	1450.60	14726.10	53524.40	2012.30	1275.90	456.60	232.20	132.60	52.00	
16	11.50	15.50	195.80	1064.80	7350.30	51625.20	1849.20	1168.20	437.40	241.60	125.50	47.80	
17	9.10	12.70	187.10	6304.30	4826.90	29422.70	1694.00	1064.80	418.20	251.50	112.10	43.70	
18	7.00	12.70	132.60	1450.60	6448.70	28031.00	1545.00	1497.50	399.90	241.60	105.70	43.70	
19	5.20	9.10	112.10	1133.00	5340.70	73332.60	1403.80	1357.80	381.60	241.60	99.40	43.70	
20	4.40	61.30	139.70	650.70	5080.50	90517.00	1403.80	1031.90	346.60	222.60	99.40	43.70	
21	7.00	132.60	232.20	560.50	4115.20	52096.70	1275.90	967.00	329.60	213.60	93.50	47.80	
22	12.70	1903.10	728.90	1031.90	3315.70	27688.50	1239.70	904.20	329.60	204.50	93.50	47.80	
23	29.10	132.60	476.70	1031.90	3037.70	18458.50	1204.00	843.60	364.10	195.80	87.50	43.70	
24	20.20	71.30	1275.90	1031.90	2358.80	19527.00	1133.00	813.80	364.10	195.80	87.50	43.70	
25	12.70	29.10	456.60	1204.00	1956.90	26674.00	1099.00	785.20	346.60	187.10	81.80	43.70	
26	12.70	99.40	251.50	2773.30	1594.20	13827.70	1099.00	728.90	399.90	187.10	81.80	43.70	
27	10.30	241.60	313.40	1956.90	1403.80	7985.20	1099.00	674.80	627.60	187.10	81.80	39.70	
28	8.00	213.60	329.60	2012.30	1903.10	10235.70	1239.70	650.70	538.70	178.80	81.80	36.10	
29	7.00	93.50	261.40	1545.00	1643.30	45255.60	1133.00	627.60	399.90	170.50		36.10	
30	9.10	87.50	213.60	1275.90	1275.90	26674.00	1313.30	627.60	346.60	170.50		39.70	
31		728.90		998.80	1545.00		9336.10		313.40	170.50		87.50	
Total	359.50	4119.00	44159.00	37163.00	115887.70	1063115.90	129329.50	66477.10	15509.90	7431.80	3493.40	1789.90	1488835.60
Mean	12.00	132.90	1472.00	1198.80	3738.30	35437.20	4171.90	2215.90	500.30	239.70	124.80	57.70	
Max	29.10	1903.10	18196.10	6304.30	22625.40	260938.80	17935.80	13827.70	1239.70	313.40	170.50	87.50	260938.80
Min	4.40	3.10	112.10	139.70	813.80	3221.20	1099.00	627.60	313.40	170.50	81.80	36.10	3.10

WATER YEAR : 2005**PING RIVER BASIN****Nam Mae Rim at Ban Mae Rim Tai , Chiang Mai (P.21)**

Lat 18 - 55 - 45 N Long 98 - 56 - 40 E

Location : on left bank about 100 meters downstream from the bridge of Chiang Mai - Fang Highway.

	Ban Mae Rim Tai	Amphoe Mae Rim	Changwat Chiang Mai
Drainage Area	452 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	126		
R-Square	0.9050		
Remarks	Continued Sediment Station		

$$QS = 5.5961 QW^{1.31690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.67	1.90	5.01	5.30	40.56	197.14	277.08	545.91	25.89	16.38	6.34	0.31	
2	1.25	2.13	6.12	5.60	50.31	174.04	193.50	207.10	25.89	15.05	6.65	0.31	
3	1.25	27.61	15.71	5.30	78.50	146.94	166.99	146.30	24.20	14.40	6.65	0.34	
4	4.17	11.26	11.26	5.01	55.37	166.49	191.26	121.62	25.04	13.12	5.30	0.63	
5	6.65	8.31	42.95	7.75	42.95	75.46	138.59	112.43	23.36	11.87	4.17	0.54	
6	4.45	4.73	34.73	32.01	37.04	52.83	119.77	105.21	31.12	11.26	3.90	0.38	
7	4.17	4.73	78.50	25.04	33.82	41.75	98.10	98.10	39.38	11.87	4.17	0.31	
8	3.63	6.12	47.83	16.38	35.88	42.95	132.87	51.57	40.56	15.05	2.37	0.34	
9	2.86	20.10	44.16	25.04	32.01	107.15	117.93	142.75	32.01	13.12	2.37	0.34	
10	3.37	12.49	42.95	13.76	38.20	253.58	105.21	132.40	21.71	13.12	1.90	0.31	
11	3.90	10.05	20.10	11.26	27.61	489.18	101.64	84.68	20.10	12.49	3.90	0.38	
12	4.17	6.65	15.05	9.46	31.12	821.75	94.59	83.13	18.51	15.71	3.63	0.38	
13	3.63	5.60	11.87	264.71	519.44	882.51	79.48	55.37	21.71	14.40	1.67	0.38	
14	4.17	5.01	29.35	237.11	1041.39	237.29	119.77	49.07	25.89	12.49	1.67	0.46	
15	4.17	5.01	16.38	157.55	350.84	211.68	103.42	44.16	24.20	11.87	1.25	0.34	
16	3.37	7.19	12.49	189.36	146.94	209.38	108.81	38.20	21.71	10.65	1.25	0.20	
17	2.61	4.45	11.26	151.16	103.87	160.52	116.09	38.20	20.90	8.31	0.85	0.23	
18	3.63	4.73	7.19	70.94	199.75	227.90	108.81	37.04	20.10	9.46	0.67	0.23	
19	2.86	4.45	8.88	54.10	432.53	382.70	82.56	34.73	18.51	8.31	0.63	0.23	
20	2.86	12.49	14.40	50.31	218.24	1194.00	66.50	34.73	15.71	10.65	0.58	0.27	
21	3.11	11.26	42.95	358.44	102.23	860.66	59.50	32.91	17.05	7.19	0.50	0.31	
22	3.11	15.05	81.58	264.71	80.04	351.24	58.20	33.82	16.38	8.88	0.38	0.17	
23	2.61	11.26	40.56	179.11	56.66	230.24	56.78	32.91	13.76	7.75	0.46	0.20	
24	2.13	8.31	32.91	146.94	51.57	317.72	56.78	31.12	9.46	6.12	0.46	0.27	
25	1.90	39.38	15.71	234.39	62.12	242.03	59.50	30.23	13.76	5.01	0.42	0.34	
26	1.90	13.12	41.75	194.54	76.98	169.17	59.50	29.35	29.35	5.30	0.31	0.20	
27	2.13	8.88	15.05	164.00	130.35	138.59	60.94	28.48	34.73	6.65	0.34	0.31	
28	2.37	7.75	7.75	105.51	105.81	140.51	72.17	28.48	24.20	6.65	0.31	0.27	
29	2.13	6.12	6.65	115.48	73.94	213.98	73.67	26.74	18.51	5.01		0.17	
30	1.90	6.12	5.30	83.13	67.97	408.57	99.87	26.74	17.72	5.60		0.14	
31		5.30		51.57	75.46		796.63		17.05	7.75		0.27	
Total	92.13	297.56	766.40	3234.97	4399.50	9147.95	3976.51	2463.48	708.47	321.49	63.10	9.56	25481.12 Ton/day
Mean	3.07	9.60	25.55	104.35	141.92	304.93	128.27	82.12	22.85	10.37	2.25	0.31	Ton/day
Max	6.65	39.38	81.58	358.44	1041.39	1194.00	796.63	545.91	40.56	16.38	6.65	0.63	1194.00 Ton/day
Min	1.25	1.90	5.01	5.01	27.61	41.75	56.78	26.74	9.46	5.01	0.31	0.14	0.14 Ton/day

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Ngat at Ban Sahakorn Romklao , Chiang Mai (P.56A)

Lat 19 - 17 - 04 N Long 99 - 11 - 23 E

Location : on left bank at the bridge near land Cooperative Office.

	Ban Sahakorn Romklao	Amphoe Phrao	Changwat Chiang Mai
Drainge Area	546 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	1997-2005		
Number of observation	155		
R-Square	0.9401		
Remarks	Continued Sediment Station		

$$QS = 5.4289 QW^{1.33830}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.18	0.99	5.43	8.11	98.19	331.60	890.81	1011.45	105.05	93.69	70.61	54.45	
2	0.99	0.99	4.58	6.17	168.07	743.77	681.45	486.19	105.05	92.20	69.22	51.87	
3	1.38	0.99	11.92	4.86	121.48	407.57	626.57	307.18	102.75	90.71	66.47	50.58	
4	4.03	0.99	175.03	5.14	76.22	335.71	584.71	244.47	101.22	87.76	63.75	46.79	
5	7.32	0.99	72.00	4.86	51.87	203.55	460.34	229.37	98.19	86.30	63.75	46.79	
6	8.52	0.80	39.43	4.30	46.79	196.32	386.08	218.21	275.37	84.84	70.61	46.79	
7	7.32	0.80	69.22	4.30	73.40	143.47	335.71	192.73	451.44	83.39	83.39	45.54	
8	5.80	1.59	34.71	3.76	70.61	151.00	311.21	221.91	429.36	81.94	84.84	45.54	
9	5.14	3.24	24.68	3.76	49.31	244.47	263.67	218.21	248.28	81.94	80.50	45.54	
10	4.58	3.24	66.47	3.50	43.07	267.56	236.89	185.60	189.16	87.76	76.22	41.85	
11	3.76	2.74	35.88	3.24	30.14	638.67	214.52	164.62	164.62	87.76	72.00	41.85	
12	3.24	2.74	17.52	3.24	31.27	766.54	207.19	148.48	151.00	84.84	69.22	41.85	
13	6.55	3.24	13.27	8.52	3239.36	429.36	192.73	140.98	145.97	84.84	65.11	41.85	
14	10.18	3.50	10.61	101.22	1567.55	252.11	199.93	136.04	140.98	87.76	62.40	40.64	
15	8.93	2.99	8.52	214.52	922.60	287.19	233.12	133.59	136.04	86.30	59.72	39.43	
16	6.93	2.26	7.71	644.74	555.26	287.19	255.95	128.71	119.10	84.84	58.39	39.43	
17	5.43	2.26	38.24	555.26	386.08	199.93	236.89	126.29	116.73	83.39	57.07	39.43	
18	4.03	1.38	29.03	90.71	331.60	154.38	203.55	131.14	112.02	80.50	59.72	39.43	
19	3.76	0.99	15.59	49.31	331.60	906.67	175.03	136.04	109.68	79.07	59.72	39.43	
20	3.24	4.03	22.57	210.85	240.67	1482.95	161.19	128.71	112.02	77.64	59.72	39.43	
21	2.74	4.58	19.00	356.48	171.54	1077.35	157.77	133.59	107.36	76.22	58.39	38.24	
22	2.26	5.14	40.64	503.24	138.51	632.61	145.97	131.14	107.36	73.40	58.39	37.05	
23	2.26	13.27	35.88	681.45	126.29	514.69	138.51	126.29	107.36	73.40	58.39	37.05	
24	2.26	14.19	31.27	620.55	116.73	420.61	133.59	121.48	107.36	73.40	58.39	37.05	
25	1.81	109.68	24.68	1169.64	101.22	403.25	133.59	121.48	105.05	73.40	57.07	37.05	
26	1.81	22.57	17.03	543.59	95.18	364.88	136.04	116.73	131.14	73.40	57.07	35.88	
27	1.81	14.19	12.37	537.78	101.22	303.15	131.14	114.37	136.04	73.40	57.07	35.88	
28	1.81	11.92	11.04	416.25	148.48	2780.23	154.38	112.02	119.10	80.50	55.76	37.05	
29	1.59	6.55	11.04	175.03	140.98	1817.20	196.32	107.36	109.68	76.22		38.24	
30	1.38	11.48	10.61	151.00	112.02	1276.79	1077.35	107.36	102.75	74.81		38.24	
31		8.52		114.37	171.54		851.47		96.68	73.40		39.43	
Total	122.04	262.84	915.97	7199.75	9858.85	18020.77	10113.67	5881.74	4643.91	2529.02	1812.96	1289.67	62651.20 Ton/day
Mean	4.07	8.48	30.53	232.25	318.03	600.69	326.25	196.06	149.80	81.58	64.75	41.60	Ton/day
Max	10.18	109.68	175.03	1169.64	3239.36	2780.23	1077.35	1011.45	451.44	93.69	84.84	54.45	3239.36 Ton/day
Min	0.99	0.80	4.58	3.24	30.14	143.47	131.14	107.36	96.68	73.40	55.76	35.88	0.80 Ton/day

WATER YEAR : 2005

PING RIVER BASIN

Ping River at Ban Sop Soi , Chiang Mai (P.73)

Lat 18 - 17 - 25 N Long 98 - 39 - 01 E

Location : on left bank at Sop Soi Phatana Bridge.

	Ban Sop Soi	Amphoe Chom Thong	Changwat Chiang Mai
Drainage Area	14,814 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	137		
R-Square	0.8766		
Remarks	Continued Sediment Station		

QS = 1.5813 QW^{1.33620}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	50.20	32.50	298.50	154.20	1295.60	2289.70	14950.80	10271.60	750.70	298.50	183.60	88.90	
2	28.00	30.20	333.80	122.90	1080.00	3511.50	15099.00	12219.40	681.80	355.00	183.60	98.30	
3	21.70	34.80	857.10	93.60	1335.80	4411.60	13220.20	9233.00	681.80	355.00	159.50	88.90	
4	23.30	143.60	1118.30	69.10	1519.60	5434.20	10954.40	6879.30	681.80	355.00	159.50	79.70	
5	199.10	154.20	1196.10	39.90	1295.60	4693.70	9154.50	5206.00	681.80	342.70	159.50	79.70	
6	298.50	138.30	1138.20	44.70	1118.30	3800.70	7732.10	4916.20	716.00	342.70	170.40	75.20	
7	289.80	159.50	733.80	88.90	857.10	3282.80	7062.60	3368.30	1061.40	333.80	170.40	138.30	
8	264.30	159.50	478.60	199.10	839.60	3740.90	5698.10	2570.80	1905.50	316.00	170.40	133.20	
9	223.00	239.30	530.90	175.90	1023.60	5664.90	4630.60	3063.80	2523.40	307.20	159.50	117.90	
10	170.40	366.60	518.10	122.90	857.10	8493.40	3340.70	3172.10	2129.00	289.80	183.60	108.00	
11	128.00	316.00	492.00	112.90	785.80	12042.80	3145.00	3199.40	1603.40	281.30	170.40	98.30	
12	117.90	264.30	681.80	103.20	821.20	16816.10	2595.20	3311.70	1315.10	281.30	170.40	69.10	
13	93.60	183.60	571.40	128.00	1004.20	18894.10	2312.20	2850.00	1043.00	264.30	165.00	66.40	
14	108.00	191.30	492.00	1118.30	5664.90	15198.70	2152.30	2152.30	912.10	255.90	148.80	61.10	
15	108.00	170.40	466.20	1479.30	11604.30	12307.90	2312.20	2038.80	875.70	255.90	138.30	61.10	
16	138.30	159.50	478.60	2038.80	12042.80	11998.80	2220.10	1774.40	716.00	247.60	133.20	55.30	
17	128.00	159.50	333.80	2499.10	9154.50	10187.00	2085.10	1541.00	681.80	199.10	128.00	37.10	
18	93.60	148.80	298.50	2017.10	6552.60	8301.40	2038.80	1561.40	614.60	207.00	128.00	37.10	
19	88.90	128.00	272.70	1196.10	5565.80	9351.20	1840.30	1541.00	558.40	183.60	117.90	34.80	
20	103.20	103.20	264.30	821.20	5076.70	14701.80	1710.40	1417.00	466.20	199.10	112.90	34.80	
21	122.90	88.90	281.30	893.30	3890.90	20439.00	1479.30	1355.40	415.70	199.10	112.90	44.70	
22	165.00	117.90	530.90	2692.30	2666.30	19156.90	1436.90	1335.80	316.00	199.10	108.00	44.70	
23	159.50	148.80	681.80	2876.60	2174.40	15950.60	1436.90	1235.40	415.70	199.10	93.60	50.20	
24	159.50	128.00	733.80	3368.30	1861.50	13314.60	1376.20	1061.40	391.00	191.30	93.60	44.70	
25	117.90	122.90	333.80	3654.60	1861.50	12844.30	1275.10	1043.00	333.80	207.00	98.30	44.70	
26	69.10	138.30	402.80	4567.80	1583.00	10187.00	1275.10	986.10	415.70	175.90	98.30	44.70	
27	47.70	148.80	231.10	5206.00	1603.40	8919.70	1255.80	857.10	453.00	183.60	88.90	61.10	
28	47.70	117.90	223.00	3890.90	1688.40	7544.60	1436.90	821.20	558.40	183.60	128.00	50.20	
29	39.90	112.90	207.00	2903.10	1861.50	9725.10	1396.00	750.70	518.10	183.60		55.30	
30	18.90	117.90	103.20	2220.10	1796.70	14363.80	1376.20	750.70	366.60	183.60		55.30	
31		207.00		1625.20	1541.00		5173.60		333.80	183.60		52.70	
Total	3623.90	4732.40	15283.40	46523.40	92023.70	307568.80	133172.60	92484.30	25117.30	7760.30	3934.50	2111.50	734336.10 Ton/day
Mean	120.80	152.66	509.45	1500.75	2968.51	10252.29	4295.89	3082.81	810.24	250.33	140.52	68.11	2012.70 Ton/day
Max	298.50	366.60	1196.10	5206.00	12042.80	20439.00	15099.00	12219.40	2523.40	355.00	183.60	138.30	20439.00 Ton/day
Min	18.90	30.20	103.20	39.90	785.80	2289.70	1255.80	750.70	316.00	175.90	88.90	34.80	18.90 Ton/day

WATER YEAR : 2005

PING RIVER BASIN

Nam Mae Li at Ban Mae E - Hai , Lamphun (P.76)

Lat 18 - 08 - 23 N Long 98 - 53 - 58 E

Location : on left bank near the bridge of Li - Ban Mae E - Hai road.

	Ban Mae E - Hai	Amphoe Li	Changwat Lamphun
Drainage Area	1,544 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	109		
R-Square	0.8735		
Remarks	Continued Sediment Station		

$$QS = 4.5932 QW^{1.22610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.14	1.45	1.96	1.82	3.60	24.37	43.02	184.18	8.80	2.46	1.54	1.27	
2	1.14	1.31	2.31	1.82	3.60	4.42	37.97	62.43	14.13	2.21	1.54	1.36	
3	1.09	1.27	2.11	1.77	3.39	13.44	36.73	43.02	5.74	2.21	1.54	1.40	
4	1.18	1.27	2.46	1.73	3.07	66.09	77.31	30.63	8.17	2.11	1.54	1.36	
5	1.18	1.27	3.07	1.73	3.07	118.83	81.11	28.25	9.44	1.87	1.54	1.36	
6	1.27	1.22	2.46	1.77	3.07	54.77	62.43	25.14	3.76	1.87	1.40	1.27	
7	1.31	1.22	2.31	1.73	3.23	49.48	67.94	27.47	4.31	1.87	1.36	1.27	
8	1.36	1.22	2.21	1.68	3.23	60.61	67.94	26.69	5.16	1.87	1.36	1.40	
9	1.40	1.22	3.23	1.63	3.23	125.02	75.41	26.69	4.59	1.87	1.59	1.36	
10	1.40	1.22	4.20	1.73	3.39	277.99	53.44	56.11	4.20	1.87	1.63	1.36	
11	1.27	1.22	4.59	1.68	3.39	296.10	40.48	84.96	3.76	1.77	1.59	1.40	
12	1.22	1.27	4.20	1.63	3.39	436.06	34.27	108.66	3.49	1.82	1.40	1.36	
13	1.22	1.77	4.20	1.87	3.76	552.10	29.04	77.31	3.49	1.82	1.36	1.27	
14	1.22	1.63	4.31	129.17	2.86	728.34	29.04	54.77	3.60	1.82	1.36	1.31	
15	1.27	1.49	3.23	8.80	2.97	345.00	53.44	39.22	3.39	1.82	1.40	1.31	
16	1.27	1.40	2.97	22.09	3.07	218.09	37.97	44.30	3.23	1.77	1.49	1.27	
17	1.27	1.27	6.34	12.75	3.07	231.94	31.43	34.27	3.23	1.68	1.49	1.22	
18	1.49	1.22	3.60	4.59	4.04	201.00	27.47	25.91	3.39	1.68	1.45	1.18	
19	1.45	1.18	2.86	4.59	4.20	141.79	27.47	39.22	2.21	1.68	1.36	1.22	
20	1.31	1.18	2.46	4.04	3.60	601.53	21.34	20.59	2.31	1.63	1.27	1.22	
21	1.27	1.14	3.23	4.04	3.49	326.36	19.12	30.63	2.71	1.68	1.27	1.22	
22	1.27	1.18	3.49	4.04	3.39	150.31	14.13	27.47	2.61	1.68	1.31	1.22	
23	1.36	1.14	2.97	5.74	2.97	133.35	11.41	19.85	2.71	1.68	1.40	1.22	
24	1.31	1.05	2.61	8.80	2.86	118.83	14.13	12.08	2.71	1.63	1.45	1.22	
25	1.31	1.09	2.46	10.75	2.61	158.93	12.08	9.44	2.61	1.54	1.45	1.18	
26	1.22	2.46	2.46	8.80	2.46	102.63	11.41	16.23	2.71	1.54	1.36	1.27	
27	1.31	1.96	2.11	5.16	2.46	83.03	12.08	13.44	3.23	1.54	1.27	1.22	
28	1.49	1.73	2.11	4.04	2.31	69.79	10.75	11.41	3.23	1.59	1.31	1.22	
29	1.45	1.77	1.87	3.76	2.21	52.12	9.44	22.84	2.86	1.45		1.14	
30	1.40	1.87	1.87	3.49	2.21	52.12	15.52	11.41	2.61	1.45		1.18	
31		1.92		3.39	2.21		75.41		2.46	1.40		1.27	
Total	38.85	43.61	90.26	270.63	96.41	5794.44	1140.73	1214.62	130.85	54.88	40.03	39.53	8954.84 Ton/day
Mean	1.30	1.41	3.01	8.73	3.11	193.15	36.80	40.49	4.22	1.77	1.43	1.28	Ton/day
Max	1.49	2.46	6.34	129.17	4.20	728.34	81.11	184.18	14.13	2.46	1.63	1.40	728.34 Ton/day
Min	1.09	1.05	1.87	1.63	2.21	4.42	9.44	9.44	2.21	1.40	1.27	1.14	1.05 Ton/day

WATER YEAR : 2005**PING RIVER BASIN****Nam Mae Tha at Ban Sop Mae Sapuad , Lamphun (P.77)**

Lat 18 - 25 - 57 N Long 99 - 05 - 02 E

Location : on left bank at the bridge on road.

	Ban Sop Mae Sapuad	Amphoe Mae Tha	Changwat Lamphun
Drainage Area	550 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2000-2005		
Number of observation	136		
R-Square	0.9221		
Remarks	Continued Sediment Station		

$$QS = 4.9648 QW^{1.25160}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.92	0.92	67.02	3.29	5.59	180.57	166.85	41.45	67.02	13.40	6.56	6.56	
2	0.92	0.92	9.65	3.29	5.59	180.57	124.24	19.64	63.89	13.40	6.56	6.56	
3	0.92	0.92	5.28	3.29	4.96	112.49	112.49	12.87	63.89	13.40	6.56	6.56	
4	0.92	0.92	4.72	3.06	4.47	107.86	173.68	11.82	63.89	13.40	6.56	6.56	
5	0.92	0.92	4.72	2.84	4.23	62.34	105.55	10.00	54.69	13.40	6.56	6.24	
6	0.92	0.92	4.72	2.84	4.23	59.25	72.41	8.25	48.71	13.40	6.56	6.24	
7	0.92	0.92	2.84	3.06	4.23	143.52	59.25	7.90	63.89	11.09	6.56	6.24	
8	0.92	0.92	3.75	2.84	4.23	114.82	62.34	9.65	63.89	11.09	6.56	6.24	
9	0.92	0.92	4.47	2.84	4.23	156.71	42.89	9.29	45.78	11.09	6.56	6.24	
10	0.92	0.92	3.06	2.84	3.99	523.70	27.80	9.65	45.78	11.09	6.56	6.24	
11	0.92	0.92	2.40	2.84	22.97	1654.20	18.82	10.00	23.82	11.09	6.56	6.24	
12	0.92	0.92	2.40	2.84	12.34	1005.60	14.47	9.65	23.82	11.09	6.56	6.24	
13	0.92	0.92	3.29	121.88	89.28	323.65	13.40	8.59	23.82	10.72	6.56	5.91	
14	0.92	0.92	3.29	70.60	196.05	150.89	11.45	7.23	19.64	9.29	6.56	5.91	
15	0.92	0.92	3.29	17.21	59.25	107.86	10.72	5.59	19.64	7.56	6.56	5.91	
16	0.92	0.92	3.99	56.20	28.94	119.52	10.00	5.59	16.10	7.56	6.56	5.91	
17	0.92	0.92	3.29	11.45	15.01	103.49	7.90	5.59	16.10	7.56	6.56	5.91	
18	0.92	0.92	2.84	6.89	26.66	103.49	7.23	4.96	16.10	7.23	6.56	5.91	
19	0.92	0.92	3.99	5.59	107.86	245.19	7.56	4.72	16.10	6.56	6.56	5.91	
20	0.92	0.92	3.75	4.96	63.89	455.68	8.59	4.72	14.47	6.24	6.56	5.91	
21	0.92	0.92	7.56	11.45	24.67	293.72	8.25	4.47	13.40	6.24	6.56	5.91	
22	0.92	0.92	129.01	33.62	11.45	136.23	7.23	4.23	13.40	6.24	6.56	5.91	
23	0.92	0.92	57.72	37.22	8.25	91.28	7.23	4.23	13.40	6.24	6.56	5.91	
24	0.92	0.92	10.36	114.82	6.89	97.35	7.23	3.99	14.47	6.24	6.56	5.91	
25	0.92	0.92	5.91	38.62	47.24	99.39	7.23	3.99	15.01	6.24	6.56	5.91	
26	0.92	0.92	4.47	51.68	12.87	63.89	6.56	3.99	15.01	6.24	6.56	5.91	
27	0.92	0.92	5.59	38.62	10.72	51.68	6.56	87.28	14.47	6.24	6.56	5.91	
28	0.92	0.92	3.75	21.29	119.52	76.05	6.24	72.41	14.47	6.24	6.56	5.91	
29	0.92	0.92	3.99	11.45	153.36	760.69	6.24	72.41	15.01	6.24		5.91	
30	0.92	0.92	3.52	7.56	38.62	323.65	8.25	72.41	15.01	6.89		5.91	
31		0.92		5.91	13.93		36.01		15.01	6.89		5.91	
Total	27.60	28.52	374.64	702.89	1115.52	7905.33	1164.67	536.57	929.70	279.60	183.68	188.45	13437.17 Tonday
Mean	0.92	0.92	12.49	22.67	35.98	263.51	37.57	17.89	29.99	9.02	6.56	6.08	36.97 Ton/day
Max	0.92	0.92	129.01	121.88	196.05	1654.20	173.68	87.28	67.02	13.40	6.56	6.56	1654.20 Ton/day
Min	0.92	0.92	2.40	2.84	3.99	51.68	6.24	3.99	13.40	6.24	6.56	5.91	0.92 Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Don Chai , Lampang (W.3A)

Lat 17 - 38 - 28 N Long 99 - 14 - 01 E

Location : on right bank about 30 meters upstream from Siriyong Bridge.

	Ban Don Chai	Amphoe Thoen	Changwat Lampang
Drainge Area	8,924 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	1997-2005		
Number of observation	173		
R-Square	0.9055		
Remarks	Continued Sediment Station		

$$QS = 1.8157 QW^{1.41600}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.20	1.60	5.50	32.10	154.90	288.00	21649.00	1776.40	108.80	73.90	28.60	18.70	
2	11.60	1.40	5.00	27.40	129.90	817.50	22208.30	3101.40	140.80	67.10	25.20	18.70	
3	27.40	2.60	12.20	25.20	126.30	1703.00	8775.10	2763.60	126.30	62.70	25.20	17.70	
4	26.30	1.70	4.00	23.00	98.60	1630.50	4126.30	1971.90	149.70	69.40	27.40	19.80	
5	16.70	1.80	21.90	24.00	102.00	1296.60	2924.30	902.30	244.60	44.00	29.70	27.40	
6	12.20	1.20	19.80	21.90	79.30	1296.60	3042.00	434.30	264.30	34.50	24.00	27.40	
7	9.60	1.40	20.80	21.90	69.40	1458.90	2527.70	288.00	181.60	27.40	21.90	25.20	
8	10.30	1.80	13.90	29.70	56.30	1703.00	1888.20	280.00	119.20	20.80	21.90	28.60	
9	9.00	2.20	12.20	79.30	52.10	2206.30	1344.70	336.90	95.30	19.80	23.00	26.30	
10	6.60	3.10	9.00	60.50	62.70	1869.40	1079.10	445.20	95.30	29.70	23.00	18.70	
11	3.50	3.50	15.80	26.30	60.50	5249.80	1155.40	1049.00	95.30	34.50	26.30	17.70	
12	2.20	3.10	18.70	15.80	54.20	16952.10	845.50	1019.10	115.70	29.70	23.00	18.70	
13	2.20	2.20	13.90	13.90	98.60	21093.90	631.00	888.00	108.80	27.40	20.80	17.70	
14	3.50	5.00	10.30	73.90	140.80	11874.20	535.80	618.90	98.60	29.70	19.80	17.70	
15	2.60	1.60	8.40	445.20	362.30	5249.80	423.40	489.90	105.40	25.20	23.00	15.80	
16	4.50	18.70	9.00	238.60	708.40	4235.00	388.10	362.30	119.20	33.30	21.90	10.90	
17	12.90	5.00	9.00	176.10	1393.30	4678.10	336.90	280.00	73.90	32.10	20.80	6.60	
18	10.90	3.50	9.00	149.70	1703.00	4753.20	288.00	238.60	64.90	34.50	19.80	9.00	
19	9.00	12.90	9.00	126.30	1948.90	5288.60	288.00	198.20	60.50	30.90	23.00	10.30	
20	7.80	3.50	5.50	71.60	2064.70	5641.50	264.30	165.40	56.30	32.10	26.30	5.50	
21	7.20	1.80	5.00	48.00	1794.90	7941.90	264.30	140.80	54.20	44.00	28.60	7.20	
22	5.00	1.60	5.50	50.00	1409.60	9071.80	250.60	122.70	60.50	36.30	24.00	24.00	
23	3.50	1.70	7.80	73.90	735.20	7046.00	244.60	119.20	64.90	42.10	20.80	28.60	
24	3.10	3.50	42.10	102.00	320.40	6767.90	226.90	119.20	58.40	40.10	18.70	29.70	
25	2.60	18.70	88.80	192.60	203.90	4942.50	209.50	115.70	52.10	29.70	18.70	33.30	
26	1.80	13.90	69.40	215.30	137.10	4162.40	209.50	149.70	46.00	29.70	19.80	38.20	
27	4.00	10.30	56.30	388.10	119.20	3464.50	209.50	250.60	46.00	24.00	18.70	28.60	
28	4.50	7.80	50.00	467.40	140.80	3630.10	238.60	170.70	50.00	23.00	19.80	23.00	
29	2.20	7.20	29.70	370.80	144.50	7421.90	250.60	129.90	58.40	20.80		28.60	
30	3.10	6.10	33.30	256.60	345.30	16256.80	238.60	95.30	62.70	25.20		19.80	
31		7.20		192.60	272.20		256.60		50.00	42.10		18.70	
Total	238.00	157.60	620.80	4039.70	15089.30	169991.80	77320.40	19023.20	3027.70	1115.70	643.70	638.10	291906.00 Ton/day
Mean	7.90	5.10	20.70	130.30	486.80	5666.40	2494.20	634.10	97.70	36.00	23.00	20.60	Ton/day
Max	27.40	18.70	88.80	467.40	2064.70	21093.90	22208.30	3101.40	264.30	73.90	29.70	38.20	22208.30 Ton/day
Min	1.80	1.20	4.00	13.90	52.10	288.00	209.50	95.30	46.00	19.80	18.70	5.50	1.20 Ton/day

WATER YEAR : 2005**WANG RIVER BASIN****Wang River at Ban Wang Man , Tak (W.4A)**

Lat 17 - 12 - 19 N Long 99 - 06 - 05 E

Location : on left bank about 200 meters upstream from the bridge on highway.

	Ban Wang Man	Amphoe Sam Ngao	Changwat Tak
Drainage Area	10,439 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1989-Cont'd		
Actual Measurement	1989-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9699		
Remarks	Continued Sediment Station		

$$QS = 1.4323 QW^{1.57030}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	42.80	5.30	30.10	48.30	183.70	305.20	17804.10	908.70	191.60	77.50	33.70	19.20	
2	38.80	5.60	30.10	44.20	145.90	272.80	20026.30	1856.90	179.80	75.40	45.50	16.90	
3	20.00	5.30	24.30	42.80	124.60	628.40	22080.10	4690.60	216.10	88.30	38.80	20.00	
4	16.20	4.40	19.20	41.40	110.10	1353.80	25854.00	4793.00	203.70	86.10	40.10	16.20	
5	27.70	3.80	28.90	38.80	93.60	2415.40	33211.40	3703.30	207.80	86.10	57.50	17.70	
6	40.10	2.70	30.10	35.00	88.30	1811.60	17804.10	1841.80	295.80	75.40	48.30	23.30	
7	36.30	2.40	31.20	35.00	86.10	1766.60	10423.60	1005.40	331.60	57.50	41.40	65.20	
8	32.50	55.60	41.40	33.70	77.50	1781.60	7024.70	709.00	305.20	50.10	35.00	115.80	
9	28.90	26.60	41.40	31.20	67.20	2397.10	5140.40	599.90	199.60	40.10	32.50	112.90	
10	26.60	10.70	38.80	35.00	61.30	3952.10	3343.10	650.00	168.20	45.50	31.20	110.10	
11	24.30	5.60	38.80	50.10	57.50	3411.00	2735.10	787.60	153.20	38.80	30.10	121.60	
12	20.00	5.00	35.00	50.10	61.30	4690.60	2378.80	1736.90	153.20	35.00	30.10	101.70	
13	16.20	2.00	38.80	40.10	61.30	16779.60	1872.10	1751.70	156.90	35.00	35.00	96.30	
14	16.20	6.30	41.40	44.20	67.20	18429.30	1736.90	1449.80	153.20	41.40	33.70	101.70	
15	15.50	5.60	38.80	61.30	96.30	19062.30	1408.30	1209.10	145.90	41.40	32.50	90.90	
16	15.50	4.70	35.00	90.90	172.00	18429.30	1071.80	869.20	139.70	41.40	30.10	79.60	
17	14.70	3.50	31.20	220.30	427.00	14875.30	929.90	701.60	149.50	38.80	31.20	145.90	
18	12.70	4.10	28.90	142.80	898.20	12058.50	796.60	592.90	124.60	48.30	28.90	88.30	
19	16.90	8.10	28.90	133.60	1692.60	12058.50	701.60	524.20	101.70	44.20	28.90	65.20	
20	21.60	19.20	28.90	112.90	2105.60	12323.20	650.00	390.20	90.90	48.30	28.90	57.50	
21	20.00	19.20	35.00	93.60	2508.00	12760.80	599.90	331.60	83.90	44.20	28.90	45.50	
22	17.70	28.90	26.60	67.20	2489.40	15777.40	585.90	281.90	75.40	44.20	35.00	40.10	
23	16.90	26.60	23.30	55.60	2169.60	17804.10	517.50	246.00	77.50	48.30	48.30	28.90	
24	14.00	23.30	20.00	59.40	1280.10	17186.80	517.50	224.50	81.80	48.30	32.50	16.20	
25	12.00	20.80	16.90	77.50	524.20	16175.60	484.50	220.30	77.50	48.30	28.90	19.20	
26	9.50	19.20	28.90	96.30	309.90	12907.90	471.50	216.10	77.50	50.10	27.70	79.60	
27	7.40	16.20	71.30	136.60	207.80	9119.50	414.60	237.30	71.30	42.80	26.60	130.50	
28	6.30	40.10	67.20	168.20	164.40	7322.40	402.40	354.60	67.20	41.40	28.90	145.90	
29	5.60	36.30	57.50	314.70	156.90	7202.80	408.50	281.90	67.20	38.80		127.50	
30	5.00	32.50	51.90	300.50	168.20	12058.50	433.30	237.30	65.20	35.00		115.80	
31		28.90		254.80	228.70		530.90		77.50	33.70		139.70	
Total	597.90	478.50	1059.80	2956.10	16884.50	277118.00	182359.40	33403.30	4490.20	1569.70	970.20	2354.90	524242.50 Ton/day
Mean	19.90	15.40	35.30	95.40	544.70	9237.30	5882.60	1113.40	144.80	50.60	34.70	76.00	Ton/day
Max	42.80	55.60	71.30	314.70	2508.00	19062.30	33211.40	4793.00	331.60	88.30	57.50	145.90	33211.40 Ton/day
Min	5.00	2.00	16.90	31.20	57.50	272.80	402.40	216.10	65.20	33.70	26.60	16.20	2.00 Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Hai , Lampang (W.16A)

Lat 18 - 46 - 45 N Long 99 - 37 - 52 E

Location : on left bank at Ban Hai

	Ban Hai	Amphoe Chae Hom	Changwat Lampang
Drainage Area	1,392 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2000-2005		
Number of observation	132		
R-Square	0.9376		
Remarks	Continued Sediment Station		

$$QS = 3.4761 QW^{1.52770}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.47	1.36	5.19	3.06	11.19	1150.22	2093.19	1295.04	36.97	4.89	1.24	0.34		
2	2.47	1.13	6.13	2.66	9.27	3192.24	1344.62	725.98	33.43	4.89	1.24	0.34		
3	2.29	1.13	26.72	2.47	10.02	2250.21	1150.22	335.24	28.35	3.75	1.13	0.30		
4	12.41	1.13	9.27	2.29	12.41	4149.86	1479.93	228.86	28.35	3.75	0.82	0.30		
5	8.53	1.36	40.64	2.29	10.02	1584.32	1181.89	174.93	26.72	3.75	0.92	0.30		
6	7.13	1.36	20.55	8.53	9.64	822.17	739.47	174.93	35.18	3.27	1.03	0.30		
7	6.79	1.13	20.55	5.50	10.02	407.16	571.00	145.05	35.18	3.48	1.59	0.30		
8	6.13	1.59	31.70	5.81	11.19	240.23	583.42	135.53	30.01	3.48	1.76	0.25		
9	5.50	5.81	38.79	4.30	9.64	534.30	794.26	130.85	30.01	3.48	1.13	0.25		
10	4.89	4.59	23.56	3.27	8.90	3091.89	466.35	223.24	26.72	3.27	1.03	0.30		
11	4.30	4.02	13.67	3.06	8.17	3979.25	327.55	169.82	26.72	3.75	0.92	0.25		
12	3.75	3.75	8.17	3.48	8.17	2894.55	269.49	159.75	19.10	3.48	1.03	0.25		
13	3.06	3.06	7.47	6.79	2557.59	1361.29	228.86	546.44	16.30	2.86	1.03	0.21		
14	4.30	3.27	8.53	7.82	11212.63	822.17	206.69	190.58	13.67	3.06	0.82	0.21		
15	30.01	2.86	6.79	43.15	2388.24	794.26	234.52	140.26	11.19	3.06	0.73	0.21		
16	23.56	2.29	5.50	117.16	699.27	808.17	358.67	108.33	8.53	2.47	0.73	0.30		
17	10.02	2.10	4.59	43.15	312.35	475.03	245.99	99.74	7.47	2.29	0.55	0.34		
18	7.82	1.36	3.48	19.10	299.88	350.80	185.31	89.77	7.82	1.93	0.55	0.30		
19	6.13	1.13	5.50	8.90	275.47	659.85	140.26	86.52	7.13	2.29	0.55	0.25		
20	4.30	1.13	6.13	48.32	212.16	13079.42	130.85	77.04	6.79	2.10	0.55	0.14		
21	4.30	2.10	5.81	130.85	149.90	9775.70	99.74	73.96	6.46	2.10	0.64	0.07		
22	4.02	1.59	6.79	350.80	112.72	4350.97	89.77	70.93	6.46	1.36	0.64	0.05		
23	3.06	2.29	8.17	195.90	93.05	2044.94	80.16	65.00	7.47	1.13	0.64	0.04		
24	2.66	3.06	7.13	93.05	89.77	1673.18	77.04	62.10	6.46	1.36	0.55	0.25		
25	1.93	7.13	5.50	83.32	59.25	1087.78	67.94	59.25	5.81	1.59	0.64	0.82		
26	1.76	5.81	4.89	583.42	117.16	712.58	73.96	53.69	6.13	1.47	0.55	0.73		
27	1.76	8.53	4.30	374.60	80.16	449.16	70.93	50.98	7.82	1.76	0.55	0.55		
28	1.59	5.19	4.02	99.74	112.72	3401.96	67.94	45.71	8.17	1.59	0.44	0.50		
29	1.76	4.30	4.02	33.43	185.31	47553.98	65.00	43.15	7.82	1.59		1.47		
30	1.59	4.02	3.48	19.10	275.47	3936.99	104.01	40.64	6.79	1.59		0.25		
31		4.59		13.67	312.35		1134.50		5.81	1.47		0.05		
Total	180.29	94.17	347.04	2318.99	19664.10	117634.64	14663.53	5803.31	510.84	82.31	24.00	10.22	161333.45	Ton/day
Mean	6.01	3.04	11.57	74.81	634.33	3921.15	473.02	193.44	16.48	2.66	0.86	0.33		Ton/day
Max	30.01	8.53	40.64	583.42	11212.63	47553.98	2093.19	1295.04	36.97	4.89	1.76	1.47	47553.98	Ton/day
Min	1.59	1.13	3.48	2.29	8.17	240.23	65.00	40.64	5.81	1.13	0.44	0.04	0.04	Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Nam Mae Soi at Ban Nong Nao , Lampang (W.17)

Lat 18 - 43 - 13 N Long 99 - 34 - 04 E

Location : on right at the bridge of Lampang - Wang Nua Road.

	Ban Nong Nao	Amphoe Chae Hom	Changwat Lampang
Drainage Area	726 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	1996-2005		
Number of observation	245		
R-Square	0.8786		
Remarks	Continued Sediment Station		

$$QS = 3.3984 QW^{1.48530}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.25	10.96	16.52	0.87	15.68	1472.47	938.20	653.73	67.50	39.11	23.92	14.86	
2	12.47	8.82	37.55	0.87	19.48	844.78	725.31	225.70	64.30	36.01	23.92	13.25	
3	13.25	8.82	47.21	0.78	16.52	784.30	639.71	145.40	61.16	37.55	19.48	14.86	
4	37.55	10.96	36.01	0.78	14.05	844.78	1299.83	120.98	59.36	33.00	21.66	22.78	
5	37.55	11.71	37.55	0.68	11.71	181.89	682.07	120.98	55.79	25.07	20.56	19.48	
6	16.52	12.47	23.92	0.68	16.52	130.18	417.26	125.55	91.20	28.64	22.78	15.68	
7	6.83	8.82	417.26	0.68	20.56	234.10	361.68	107.62	91.20	33.00	22.78	17.38	
8	3.92	8.82	64.30	0.68	16.52	754.62	381.33	139.59	70.74	36.01	23.92	15.68	
9	6.83	23.92	43.91	0.68	20.56	584.62	268.69	169.43	67.50	34.49	26.24	12.47	
10	14.05	12.47	28.64	0.68	18.42	696.39	225.70	188.22	61.16	34.49	26.24	11.71	
11	14.05	5.60	18.42	0.78	13.25	1385.27	157.27	151.30	61.16	31.52	22.78	11.71	
12	10.96	5.02	11.71	0.78	17.38	571.10	157.27	169.43	57.57	33.00	23.92	14.86	
13	9.51	6.83	11.71	3.40	2390.92	361.68	157.27	134.86	55.79	31.52	21.66	13.25	
14	17.38	8.14	14.05	23.92	844.78	151.30	188.22	120.98	48.89	27.43	19.48	14.05	
15	15.68	6.83	10.96	295.63	175.62	295.63	151.30	112.01	48.89	27.43	17.38	14.05	
16	12.47	2.26	8.14	91.20	55.79	557.69	234.10	107.62	47.21	28.64	15.68	15.68	
17	13.25	2.53	7.47	87.67	52.30	268.69	151.30	98.99	50.59	26.24	17.38	14.86	
18	13.25	3.40	8.14	39.11	61.16	466.78	145.40	98.99	48.89	25.07	17.38	12.47	
19	12.47	5.02	19.48	20.56	61.16	653.73	120.98	98.99	47.21	27.43	17.38	8.82	
20	10.23	7.47	3.92	22.78	52.30	2237.79	103.27	94.77	43.91	25.07	18.42	7.47	
21	14.05	6.21	18.42	98.99	36.01	1531.57	94.77	94.77	42.29	23.92	18.42	7.47	
22	12.47	5.60	42.29	145.40	39.11	814.36	91.20	91.20	43.91	23.92	18.42	8.82	
23	13.25	14.86	20.56	970.04	33.00	405.17	91.20	84.19	40.69	27.43	18.42	11.71	
24	11.71	13.25	7.47	194.63	67.50	1905.63	80.76	80.76	42.29	26.24	21.66	8.82	
25	9.51	7.47	7.47	80.76	30.07	1185.28	80.76	80.76	45.55	26.24	23.92	7.47	
26	10.23	10.96	3.92	145.40	48.89	351.98	80.76	74.03	43.91	27.43	21.66	8.82	
27	10.96	8.82	3.10	84.19	107.62	201.10	80.76	80.76	45.55	26.24	19.48	7.47	
28	10.96	6.21	2.26	45.55	332.84	27145.69	103.27	74.03	40.69	26.24	16.52	17.38	
29	9.51	5.60	2.00	34.49	84.19	12874.88	77.37	67.50	39.11	26.24		36.01	
30	9.51	11.71	2.00	25.07	145.40	1941.67	286.56	64.30	39.11	22.78		43.91	
31		27.43		19.48	323.40		304.80		39.11	27.43		39.11	
Total	403.63	288.99	976.36	2437.21	5142.71	61835.13	8878.37	3977.44	1662.23	904.83	581.46	482.36	87570.70 Ton/day
Mean	13.45	9.32	32.55	78.62	165.89	2061.17	286.40	132.58	53.62	29.19	20.77	15.56	Ton/day
Max	37.55	27.43	417.26	970.04	2390.92	27145.69	1299.83	653.73	91.20	39.11	26.24	43.91	27145.69 Ton/day
Min	3.92	2.26	2.00	0.68	11.71	130.18	77.37	64.30	39.11	22.78	15.68	7.47	0.68 Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Nam Mae Tui at Ban Tha Lo , Lampang (W.20)

Lat 18 - 18 - 34 N Long 99 - 27 - 40 E

Location : on left bank at the bridge of Lampang - Hang Chat Highway.

	Ban Tha Lo	Amphoe Mueang	Changwat Lampang
Drainage Area	941 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	1996-2005		
Number of observation	244		
R-Square	0.9351		
Remarks	Continued Sediment Station		

$$QS = 4.5380 QW^{1.36280}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.69	0.34	1.21	2.52	10.81	739.65	763.76	360.76	13.54	25.41	16.60	1.67	
2	0.54	0.28	33.12	2.52	10.81	692.07	478.26	207.04	13.54	18.28	16.60	3.75	
3	0.61	0.28	16.60	2.52	16.60	368.72	376.72	117.38	13.54	9.50	13.54	10.81	
4	1.04	0.34	10.81	2.52	14.96	599.51	899.90	89.81	12.15	4.79	7.04	16.60	
5	1.04	0.34	14.96	2.52	13.54	233.10	400.98	79.31	10.81	2.52	2.11	16.60	
6	1.04	0.41	7.04	2.31	12.15	152.75	217.37	48.41	35.56	2.52	0.88	14.96	
7	1.04	0.47	2.11	12.15	12.15	109.22	191.80	40.57	18.28	3.75	0.47	8.25	
8	0.88	0.41	38.05	3.75	12.15	329.42	201.93	89.81	14.96	2.31	0.34	4.79	
9	1.04	0.69	56.59	1.04	13.54	633.80	138.74	79.31	12.15	2.31	0.41	1.86	
10	0.69	0.47	20.00	1.21	13.54	2115.16	113.28	376.72	12.15	2.31	0.28	0.88	
11	0.61	0.22	12.15	1.04	13.54	8732.15	89.81	138.74	12.15	2.31	1.04	0.47	
12	0.47	0.28	8.25	0.88	16.60	1443.47	82.77	97.29	12.15	10.81	0.61	0.41	
13	0.47	0.34	4.79	59.39	72.50	467.61	65.86	62.60	12.15	8.25	0.47	0.22	
14	0.88	0.34	4.79	38.05	467.61	222.58	82.77	51.10	10.81	13.54	0.47	0.17	
15	0.61	2.11	2.79	51.10	167.12	148.04	89.81	45.75	9.50	12.15	0.61	0.17	
16	0.54	1.67	4.79	138.74	69.16	240.19	56.59	40.57	8.25	14.96	8.25	0.08	
17	0.47	1.21	1.86	38.05	65.86	233.10	48.41	33.12	7.04	14.96	9.50	0.17	
18	0.41	1.21	1.21	10.81	101.22	207.04	43.14	29.20	7.04	18.28	9.50	0.47	
19	0.69	1.86	3.75	2.52	276.46	703.89	40.57	27.29	5.88	20.00	1.86	0.88	
20	0.54	1.44	5.88	2.11	276.46	899.90	38.05	25.41	4.79	16.60	0.88	1.44	
21	0.47	1.21	2.52	1.86	157.50	824.90	45.75	23.57	2.79	13.54	0.47	2.11	
22	0.47	35.56	75.88	8.25	79.31	417.38	48.41	20.00	2.52	2.79	0.34	2.79	
23	0.41	7.04	75.88	8.25	51.10	254.53	56.59	18.28	2.52	2.31	0.34	3.75	
24	0.41	3.75	33.12	31.15	35.56	181.82	48.41	18.28	3.75	2.11	0.22	2.11	
25	0.28	2.11	16.60	43.14	29.20	337.19	43.14	16.60	9.50	1.67	0.88	1.67	
26	0.34	2.11	9.50	117.38	51.10	157.50	43.14	16.60	21.77	1.67	1.04	1.86	
27	0.34	2.11	3.75	82.77	40.57	113.28	53.82	16.60	25.41	1.44	1.67	0.88	
28	0.34	1.67	4.79	59.39	86.27	1392.10	75.88	14.96	16.60	3.75	1.67	1.04	
29	0.34	1.67	3.75	45.75	329.42	3894.21	48.41	14.96	21.77	9.50		1.04	
30	0.34	1.67	2.52	18.28	117.38	1810.29	105.20	13.54	23.57	10.81		1.67	
31		1.21	14.96	113.28			345.00		25.41	12.15		1.44	
Total	18.04	74.82	479.06	806.93	2747.47	28654.57	5334.27	2213.58	402.05	267.30	98.09	105.01	41201.20 Ton/day
Mean	0.60	2.41	15.97	26.03	88.63	955.15	172.07	73.79	12.97	8.62	3.50	3.39	Ton/day
Max	1.04	35.56	75.88	138.74	467.61	8732.15	899.90	376.72	35.56	25.41	16.60	16.60	8732.15 Ton/day
Min	0.28	0.22	1.21	0.88	10.81	109.22	38.05	13.54	2.52	1.44	0.22	0.08	0.08 Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Tha Dua , Lampang (W.21)

Lat 18 - 20 - 18 N Long 99 - 32 - 27 E

Location : on left bank at the bridge on highway.

	Ban Tha Dua	Amphoe Mueang	Changwat Lampang
Drainage Area	3,367 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	1999-2005		
Number of observation	165		
R-Square	0.9292		
Remarks	Continued Sediment Station		

$$QS = 3.9988 QW^{1.35190}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.00	11.00	7.00	51.00	106.00	257.00	13595.00	4928.00	158.00	14.00	53.00	11.00	
2	12.00	15.00	18.00	49.00	64.00	1590.00	7434.00	4529.00	135.00	14.00	35.00	9.00	
3	9.00	20.00	15.00	53.00	73.00	330.00	3569.00	3263.00	530.00	12.00	14.00	12.00	
4	15.00	18.00	13.00	51.00	58.00	788.00	1790.00	551.00	551.00	7.00	7.00	10.00	
5	16.00	15.00	10.00	56.00	41.00	1221.00	2838.00	128.00	499.00	7.00	5.00	10.00	
6	18.00	16.00	10.00	113.00	39.00	2448.00	2672.00	165.00	56.00	6.00	5.00	10.00	
7	16.00	15.00	11.00	311.00	41.00	2408.00	1865.00	79.00	45.00	13.00	5.00	8.00	
8	14.00	10.00	8.00	39.00	49.00	257.00	835.00	320.00	56.00	13.00	10.00	11.00	
9	13.00	7.00	6.00	14.00	45.00	509.00	847.00	407.00	56.00	15.00	10.00	9.00	
10	12.00	5.00	7.00	12.00	43.00	4959.00	1143.00	1395.00	142.00	10.00	10.00	12.00	
11	9.00	5.00	8.00	13.00	45.00	12729.00	509.00	1379.00	142.00	12.00	7.00	7.00	
12	12.00	6.00	8.00	15.00	62.00	10677.00	437.00	1205.00	113.00	14.00	6.00	5.00	
13	13.00	8.00	7.00	488.00	99.00	8693.00	275.00	628.00	99.00	18.00	6.00	4.00	
14	13.00	8.00	6.00	181.00	378.00	3985.00	240.00	606.00	248.00	17.00	9.00	2.00	
15	15.00	5.00	5.00	64.00	1902.00	3056.00	173.00	165.00	56.00	14.00	10.00	2.00	
16	16.00	3.00	3.00	62.00	3102.00	3287.00	158.00	128.00	39.00	18.00	10.00	2.00	
17	18.00	1.00	2.00	58.00	3102.00	3148.00	158.00	99.00	31.00	17.00	12.00	4.00	
18	18.00	3.00	6.00	53.00	3148.00	2093.00	266.00	128.00	37.00	17.00	9.00	8.00	
19	10.00	5.00	12.00	26.00	2288.00	2880.00	223.00	47.00	39.00	15.00	8.00	8.00	
20	11.00	5.00	10.00	37.00	2249.00	3933.00	198.00	397.00	53.00	12.00	6.00	12.00	
21	11.00	10.00	15.00	49.00	1128.00	4382.00	206.00	39.00	56.00	12.00	6.00	16.00	
22	8.00	22.00	41.00	47.00	240.00	6540.00	135.00	49.00	45.00	18.00	7.00	13.00	
23	7.00	15.00	64.00	58.00	92.00	6910.00	128.00	56.00	26.00	12.00	7.00	14.00	
24	8.00	13.00	62.00	113.00	66.00	4438.00	128.00	56.00	26.00	10.00	7.00	15.00	
25	8.00	8.00	64.00	198.00	62.00	4408.00	92.00	584.00	26.00	10.00	8.00	22.00	
26	6.00	5.00	62.00	499.00	86.00	4275.00	206.00	320.00	26.00	12.00	8.00	22.00	
27	6.00	7.00	58.00	248.00	73.00	5336.00	198.00	206.00	26.00	14.00	9.00	23.00	
28	8.00	10.00	60.00	181.00	165.00	11707.00	165.00	56.00	23.00	15.00	8.00	23.00	
29	9.00	8.00	64.00	150.00	120.00	14143.00	92.00	47.00	22.00	15.00		23.00	
30	10.00	8.00	60.00	120.00	79.00	32874.00	99.00	173.00	21.00	15.00		21.00	
31		7.00		113.00	99.00		4090.00		18.00	17.00		20.00	
Total	354.00	294.00	722.00	3522.00	19144.00	164261.00	44764.00	22133.00	3400.00	415.00	297.00	368.00	259674.00 Ton/day
Mean	11.80	9.48	24.07	113.61	617.55	5475.37	1444.00	737.77	109.68	13.39	10.61	11.87	714.93 Ton/day
Max	18.00	22.00	64.00	499.00	3148.00	32874.00	13595.00	4928.00	551.00	18.00	53.00	23.00	32874.00 Ton/day
Min	6.00	1.00	2.00	12.00	39.00	257.00	92.00	39.00	18.00	6.00	5.00	2.00	1.00 Ton/day

WATER YEAR : 2005

WANG RIVER BASIN

Wang River at Ban Chiang Rai , Tak (W.23)

Lat 17 - 22 - 01 N Long 99 - 06 - 55 E

Location : on left bank at Amphoe Sam Ngao.

	Ban	Chiang Rai	Amphoe	Sam Ngao	Changwat	Tak
Drainage Area	9,930	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2001-Cont'd					
Actual Measurement	2001-Cont'd					
Using Rating Curve Water Year	2005					
Number of observation	29					
R-Square	0.9682					
Remarks	Continued Sediment Station					

$$QS = 1.0098 QW^{1.57360}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.70	5.00	2.30	18.10	165.50	315.60	18801.10	617.80	122.00	46.50	36.40	16.90	
2	1.30	4.10	2.80	20.40	130.40	491.20	22898.10	3558.20	138.90	65.70	24.10	20.40	
3	0.90	2.50	2.20	16.90	106.00	846.10	24934.40	4228.20	175.30	68.30	21.60	22.80	
4	6.30	2.00	5.00	16.90	78.90	2320.50	19492.40	3680.60	147.60	65.70	42.10	26.60	
5	16.90	1.90	1.90	12.10	78.90	1814.40	7267.70	2466.30	247.60	60.70	34.90	27.90	
6	12.10	1.40	9.80	14.80	78.90	1656.00	4914.90	1047.00	335.10	42.10	21.60	15.80	
7	11.50	58.20	10.40	10.40	70.90	1599.70	4534.40	569.10	328.60	36.40	15.80	16.90	
8	10.40	8.30	11.50	12.10	53.40	1903.00	3701.20	446.50	185.90	27.90	12.10	14.80	
9	10.40	1.70	8.80	19.20	42.10	2800.20	2707.80	491.20	122.00	65.70	11.50	15.80	
10	10.40	0.80	7.70	48.80	44.30	3083.90	1917.90	609.60	102.20	25.30	12.10	16.90	
11	8.80	0.50	6.30	39.90	46.50	2707.80	1670.20	866.50	98.30	25.30	19.20	12.10	
12	6.80	0.30	10.40	20.40	46.50	7932.00	1613.70	1571.80	110.00	39.90	36.40	11.50	
13	6.30	0.30	12.70	24.10	48.80	18373.70	1193.40	1395.00	118.00	29.30	26.60	12.70	
14	5.00	0.30	10.40	46.50	76.20	21080.70	1102.50	1251.50	106.00	26.60	24.10	11.50	
15	7.30	0.30	6.80	73.50	191.20	19145.60	795.80	846.10	102.20	29.30	34.90	10.40	
16	5.00	0.30	3.70	322.10	410.50	10199.00	659.50	685.00	122.00	24.10	32.10	27.90	
17	3.70	0.40	3.70	185.90	795.80	6825.60	593.30	461.20	106.00	34.90	29.30	12.10	
18	11.00	2.80	4.10	147.60	1585.70	7825.70	491.20	453.90	68.30	32.10	25.30	8.80	
19	11.50	1.60	4.50	126.20	1947.90	6725.00	439.20	322.10	58.20	32.10	21.60	6.80	
20	10.40	2.70	7.30	102.20	2256.80	6725.00	432.00	259.50	53.40	29.30	19.20	8.30	
21	9.30	2.20	4.50	60.70	2368.70	9925.60	368.70	218.70	46.50	30.70	19.20	6.80	
22	9.30	1.30	2.30	39.90	2146.80	13153.40	361.90	180.60	46.50	36.40	25.30	8.80	
23	8.30	0.80	2.00	39.90	1571.80	13228.80	368.70	152.00	53.40	33.50	14.80	6.30	
24	7.70	0.70	2.20	55.80	746.70	10267.70	322.10	152.00	58.20	39.90	13.70	5.00	
25	6.30	0.60	8.30	78.90	361.90	9187.90	309.20	147.60	53.40	33.50	13.70	29.30	
26	5.40	8.30	60.70	143.20	241.70	6201.60	315.60	156.50	48.80	26.60	15.80	32.10	
27	4.50	11.50	51.10	170.20	161.00	5338.90	170.20	290.20	42.10	24.10	21.60	32.10	
28	3.00	6.80	37.80	382.40	143.20	4601.10	290.20	265.60	42.10	21.60	13.70	26.60	
29	2.80	4.50	34.90	417.60	156.50	5415.00	322.10	207.60	48.80	19.20		30.70	
30	2.70	3.70	29.30	328.60	170.20	13228.80	335.10	143.20	55.80	16.90		22.80	
31		3.70		230.10	361.90		396.40		58.20	15.80		14.80	
Total	219.00	139.50	365.40	3225.40	16685.60	214919.50	123720.90	27741.10	3401.40	1105.40	638.70	532.20	392694.10 Ton/day
Mean	7.30	4.50	12.20	104.00	538.20	7164.00	3991.00	924.70	109.70	35.70	22.80	17.20	Ton/day
Max	16.90	58.20	60.70	417.60	2368.70	21080.70	24934.40	4228.20	335.10	68.30	42.10	32.10	24934.40 Ton/day
Min	0.90	0.30	1.90	10.40	42.10	315.60	170.20	143.20	42.10	15.80	11.50	5.00	0.30 Ton/day

WATER YEAR : 2005

Yom RIVER BASIN

Yom River at Ban Nam Khong , Phrae (Y.1C)

Lat 18 - 07 - 57 N Long 100 - 07 - 42 E

Location : on right bank about 5 meters downstream from Phathana Phak Nua 8 Bridge.

	Ban Nam Khong	Amphoe Mueang	Changwat Phrae
Drainage Area	7,749 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	1997 - 2005		
Number of observation	199		
R-Square	0.9339		
Remarks	Continued Sediment Station		

QS = 2.2178 QW^{1.46940}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	20.90	15.80	101.60	11.10	393.90	7058.30	50063.80	18108.60	329.20	58.30	36.70	19.60	
2	18.30	17.00	124.50	9.00	371.90	10108.10	34335.30	7622.40	329.20	53.70	36.70	17.00	
3	18.30	15.80	90.70	11.10	393.90	8653.70	16628.80	3224.70	308.50	51.50	23.60	17.00	
4	26.40	199.90	112.80	19.60	608.60	9395.30	11753.50	2245.50	220.80	78.70	23.60	17.00	
5	42.80	75.20	80.30	19.60	851.00	13931.70	10985.00	1387.80	278.20	107.70	22.20	18.30	
6	51.50	65.40	80.30	14.60	673.30	7754.50	7316.90	1188.70	268.40	60.60	22.20	20.90	
7	96.10	56.00	112.80	11.10	634.20	9068.50	4457.50	1237.60	298.30	53.70	20.90	19.60	
8	96.10	34.70	208.20	9.00	1517.10	7666.40	4494.60	2069.50	288.20	49.30	22.20	23.60	
9	85.40	30.90	325.20	9.00	781.10	9348.40	4494.60	3191.40	258.60	44.90	25.40	92.90	
10	90.70	30.90	287.40	9.00	533.70	19687.50	4092.40	2456.70	211.70	44.90	30.90	118.00	
11	75.20	23.60	344.60	2.90	450.50	27115.80	2768.60	3393.00	162.00	44.90	34.70	145.00	
12	70.20	101.60	152.50	9.00	509.50	19592.40	2215.90	2896.60	220.80	42.80	30.90	167.90	
13	30.90	90.70	96.10	20.90	1362.40	14316.80	1983.20	1786.40	145.00	40.70	30.90	167.90	
14	23.60	75.20	75.20	20.90	11452.10	9678.40	1362.40	1650.00	134.00	42.80	32.80	176.40	
15	26.40	56.00	56.00	107.70	36407.80	6341.90	1650.00	1140.50	134.00	42.80	32.80	167.90	
16	23.60	42.80	56.00	686.50	14835.50	3984.90	2275.30	887.20	97.70	42.80	23.60	156.30	
17	20.90	26.40	25.00	1337.10	6095.00	3913.70	2245.50	794.90	78.70	40.70	20.90	145.00	
18	85.40	19.60	20.90	382.80	5730.50	4569.00	1731.50	794.90	74.20	38.70	19.60	128.60	
19	51.50	17.00	19.60	308.50	7843.00	6095.00	1140.50	887.20	74.20	42.80	44.90	118.00	
20	30.90	15.80	17.00	405.00	8745.30	23394.90	909.40	521.60	74.20	34.70	22.20	134.00	
21	26.40	17.00	10.10	546.00	5491.50	44401.80	909.40	583.30	74.20	34.70	23.60	128.60	
22	25.00	17.00	9.00	781.10	2549.00	34577.10	1046.10	546.00	65.40	29.00	20.90	134.00	
23	22.20	23.60	8.00	2611.10	1362.40	13423.40	660.20	533.70	65.40	30.90	29.00	139.50	
24	22.20	65.40	9.00	4457.50	1983.20	7447.40	608.60	497.50	65.40	32.80	25.40	139.50	
25	22.20	107.20	9.00	3158.20	1262.20	5891.60	608.60	485.60	65.40	30.90	23.60	134.00	
26	23.60	65.40	10.10	3258.20	909.40	4643.80	595.90	462.10	65.40	30.90	23.60	134.00	
27	22.20	38.70	11.10	3984.90	3325.30	7666.40	546.00	439.00	74.20	32.80	22.20	92.90	
28	19.60	30.90	12.30	2456.70	6466.50	18195.50	533.70	382.80	78.70	32.80	20.90	150.60	
29	17.00	38.70	12.30	887.20	9631.10	45244.90	497.50	393.90	65.40	34.70		134.00	
30	17.00	34.70	11.10	546.00	9114.90	59493.70	1413.40	339.70	58.30	34.70		92.90	
31		51.50		427.50	5610.60		14252.40		51.50	25.40		118.00	
Total	1202.50	1500.40	2488.70	26518.80	147896.40	462660.80	188576.50	62148.80	4715.20	1366.60	746.90	3268.90	903090.60 Ton/day
Mean	40.10	48.40	83.00	855.40	4770.90	15422.00	6083.10	2071.60	152.10	44.10	26.70	105.40	Ton/day
Max	96.10	199.90	344.60	4457.50	36407.80	59493.70	50063.80	18108.60	329.20	107.70	44.90	176.40	59493.70 Ton/day
Min	17.00	15.80	8.00	2.90	371.90	3913.70	497.50	339.70	51.50	25.40	19.60	17.00	2.90 Ton/day

WATER YEAR : 2005

Yom RIVER BASIN

Yom River at Ban Kaeng Luang , Sukhothai (Y.6)

Lat 17 - 26 - 05 N Long 99 - 47 - 30 E

Location : on left bank about 150 meters upstream from Kaeng Luang.

	Ban Kaeng Luang	Amphoe Si Satchanalai	Changwat Sukhothai
Drainge Area	12,769 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1963 - 1987,1997-Cont'd		
Actual Measurement	1963 - 1987,1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	27		
R-Square	0.9701		
Remarks	Continued Sediment Station		

$$QS = 0.9840 QW^{1.57460}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.60	23.00	40.20	47.60	682.90	7027.10	65007.60	4153.50	331.00	142.80	30.80	24.50	
2	27.60	22.30	42.00	42.90	480.50	5920.20	66885.00	17905.00	313.70	122.40	30.80	20.10	
3	29.90	20.80	42.00	42.90	416.20	7365.70	48391.70	10431.30	292.40	106.60	32.40	18.10	
4	55.80	18.80	54.20	42.00	429.70	9143.90	21646.50	4479.10	282.60	82.10	30.80	18.10	
5	49.20	17.40	94.00	38.40	409.90	6893.30	13868.70	2470.20	277.70	68.10	26.00	18.10	
6	38.40	16.10	101.50	34.10	480.50	9292.10	11217.20	1885.20	272.80	68.10	29.90	17.40	
7	106.60	15.50	96.50	30.80	608.50	9591.20	8850.00	1301.00	239.80	62.80	32.40	16.10	
8	91.60	30.80	91.60	31.60	564.60	7710.10	6497.60	1169.10	239.80	84.40	28.30	14.80	
9	70.00	57.50	77.40	40.20	473.10	12269.60	4309.40	1378.70	230.70	70.00	23.70	13.60	
10	68.10	55.80	96.50	41.10	882.00	13356.00	3935.60	2256.70	239.80	59.30	21.50	13.00	
11	70.00	49.20	195.40	36.70	854.40	43430.60	3679.90	2696.30	221.70	52.50	23.00	13.00	
12	70.00	42.00	263.20	34.90	541.20	73542.60	3088.90	2226.80	199.70	52.50	22.30	14.20	
13	68.10	44.50	268.00	59.30	429.70	34865.90	2317.00	2766.20	158.40	50.90	21.50	13.60	
14	73.70	37.50	258.50	122.40	657.70	18407.50	1912.20	2317.00	142.80	49.20	21.50	14.20	
15	64.50	36.70	182.70	162.30	5794.60	11457.00	1966.50	1649.10	146.60	49.20	26.00	13.00	
16	57.50	79.70	142.80	178.60	25167.30	8996.50	1674.80	1457.90	119.70	46.00	26.00	4.00	
17	61.00	82.10	135.30	154.40	23612.80	9666.50	1547.90	1169.10	106.60	47.60	28.30	13.00	
18	47.60	64.50	230.70	127.90	9292.10	6046.80	1752.60	938.20	99.00	46.00	26.00	24.50	
19	36.70	52.50	277.70	436.80	5920.20	5669.90	1700.60	854.40	84.40	40.20	26.80	22.30	
20	32.40	46.00	199.70	480.50	6367.60	14881.30	1438.00	747.20	86.80	40.20	30.80	21.50	
21	29.10	39.30	146.60	287.50	7297.50	63458.10	1054.30	786.80	77.40	39.30	26.80	22.30	
22	35.80	33.20	139.00	302.40	6174.40	69117.90	924.00	549.00	71.80	37.50	23.00	20.80	
23	44.50	29.10	125.10	473.10	3807.00	61939.80	868.10	518.20	70.00	39.30	18.80	19.40	
24	38.40	28.30	131.60	549.00	2563.90	25862.70	895.90	488.00	71.80	40.20	26.80	18.10	
25	34.90	24.50	131.60	1225.00	1649.10	12766.80	721.20	465.80	68.10	38.40	30.80	14.80	
26	32.40	23.00	117.10	2439.30	1457.90	8060.10	632.90	436.80	73.70	34.10	29.10	11.80	
27	27.60	25.20	104.00	2408.50	1206.30	5983.40	632.90	403.60	86.80	30.80	28.30	11.30	
28	25.20	41.10	84.40	2439.30	995.60	7161.90	632.90	378.80	75.50	30.80	26.80	10.70	
29	24.50	66.30	68.10	2836.80	2836.80	35071.60	608.50	372.70	86.80	29.90		8.60	
30	24.50	55.80	52.50	2108.50	6174.40	55581.40	572.50	348.70	119.70	29.90		14.20	
31		46.00		1084.10	7027.10		584.40		142.80	29.90		13.00	
Total	1467.20	1224.50	3989.90	18338.90	125255.50	660537.60	279815.40	69000.40	5030.40	1721.00	749.20	492.10	1167622.10 Ton/day
Mean	48.90	39.50	133.00	591.60	4040.50	22017.90	9026.30	2300.00	162.30	55.50	26.80	15.90	Ton/day
Max	106.60	82.10	277.70	2836.80	25167.30	73542.60	66885.00	17905.00	331.00	142.80	32.40	24.50	73542.60 Ton/day
Min	24.50	15.50	40.20	30.80	409.90	5669.90	572.50	348.70	68.10	29.90	18.80	4.00	4.00 Ton/day

WATER YEAR : 2005**Yom RIVER BASIN****Yom River at Ban Don Rabiang , Sukhothai (Y.14)**

Lat 17 - 35 - 42 N Long 99 - 43 - 06 E

Location : on left bank about 50 meters from Si Satchanalai - Den Chai Highway No.101 at guidepost 44 th.

	Ban Don Rabiang	Amphoe Si Satchanalai	Changwat Sukhothai
Drainage Area	12,100 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1964-Cont'd		
Actual Measurement	1964-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9455		
Remarks	Continued Sediment Station		

$$QS = 0.5474 QW^{1.72620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.00	12.10	27.90	35.20	598.60	8083.70	81909.70	7408.00	250.20	88.20	16.50	11.40	
2	17.30	10.10	37.10	33.30	330.10	7005.90	79600.80	22962.50	223.50	78.80	19.00	10.70	
3	16.50	8.80	51.80	33.30	300.00	8408.10	55224.50	14117.00	206.60	56.30	17.30	10.10	
4	33.30	8.20	78.80	31.40	314.90	10754.80	24978.50	8408.10	206.60	49.50	17.30	9.40	
5	17.30	11.40	69.90	31.40	292.60	6836.10	20097.20	2444.90	191.40	43.10	17.30	8.80	
6	15.70	15.70	67.00	29.60	462.40	8871.30	15044.80	1760.40	176.60	41.10	16.50	8.20	
7	64.20	19.00	72.80	29.60	532.10	9359.20	13752.90	1583.60	176.60	37.10	16.50	7.60	
8	64.20	33.30	69.90	27.90	481.90	8804.50	11366.70	1293.40	167.10	35.20	12.10	7.10	
9	58.70	43.10	81.90	26.20	472.10	15712.60	6392.50	1562.10	167.10	31.40	12.10	6.50	
10	58.70	39.10	85.10	24.50	1138.70	16212.40	4217.80	2566.10	162.40	31.40	11.40	6.00	
11	61.40	33.30	201.50	21.30	387.90	89901.60	4217.80	2597.60	135.40	37.10	10.70	6.00	
12	54.00	26.20	191.40	19.00	300.00	85457.50	3123.70	2335.70	119.10	33.30	9.40	5.70	
13	51.80	24.50	211.80	26.20	300.00	40551.70	2281.90	3022.00	119.10	33.30	9.40	5.70	
14	49.50	24.50	181.50	104.90	1021.50	20730.60	1970.20	2149.70	119.10	31.40	9.40	6.00	
15	45.20	29.60	119.10	135.40	10083.60	12510.10	2097.70	1760.40	98.10	29.60	19.00	6.00	
16	39.10	69.90	104.90	153.20	41667.90	9646.30	1737.90	1394.20	88.20	27.90	17.30	7.60	
17	31.40	54.00	108.40	135.40	24686.20	10010.10	1583.60	1176.60	81.90	27.90	17.30	8.80	
18	26.20	43.10	201.50	88.20	8083.70	5698.90	1921.60	869.40	72.80	27.90	17.30	9.40	
19	19.00	35.20	181.50	176.60	4826.50	5543.80	1783.10	732.60	64.20	27.90	17.30	10.70	
20	17.30	27.90	119.10	264.00	5401.30	18977.80	1333.30	682.60	61.40	27.90	15.70	12.10	
21	31.40	19.80	104.90	104.90	5266.30	84663.70	1069.10	707.40	56.30	26.20	15.70	12.10	
22	35.20	15.70	88.20	167.10	4697.70	86654.20	899.00	542.40	51.80	26.20	15.70	9.40	
23	27.90	13.50	91.50	452.80	4102.20	69507.20	811.40	433.80	49.50	26.20	15.70	6.50	
24	26.20	12.10	88.20	462.40	2390.00	38182.50	869.40	406.00	47.40	27.90	15.70	5.00	
25	21.30	11.40	81.90	1760.40	1394.20	13752.90	622.10	379.00	51.80	24.50	15.00	4.70	
26	16.50	12.10	72.80	2757.60	1693.20	7701.40	564.10	337.80	49.50	19.00	14.20	5.00	
27	14.20	13.50	54.00	2725.30	1176.60	5751.30	564.10	322.40	54.00	18.10	13.50	5.30	
28	14.20	47.40	45.20	3123.70	1373.80	6949.40	552.70	307.40	54.00	18.10	12.10	5.30	
29	14.20	39.10	43.10	3508.80	4140.60	59243.70	532.10	271.10	78.80	16.50		5.30	
30	13.50	37.10	41.10	1605.30	8148.10	66492.50	501.70	243.40	88.20	17.30		5.30	
31		35.20		745.30	7642.10		501.70		88.20	17.30		5.30	
Total	974.40	825.90	2973.80	18840.20	143706.80	837975.80	342123.50	84777.60	3556.90	1033.60	416.40	233.00	1437437.90 Ton/day
Mean	32.50	26.60	99.10	607.70	4635.70	27932.50	11036.20	2825.90	114.70	33.30	14.90	7.50	Ton/day
Max	64.20	69.90	211.80	3508.80	41667.90	89901.60	81909.70	22962.50	250.20	88.20	19.00	12.10	89901.60 Ton/day
Min	13.50	8.20	27.90	19.00	292.60	5543.80	501.70	243.40	47.40	16.50	9.40	4.70	4.70 Ton/day

WATER YEAR : 2005**Yom RIVER BASIN****Nam Pi at Ban Mang , Phayao (Y.24)**

Lat 18 - 53 - 11 N Long 100 - 17 - 20 E

Location : on right bank upstream of the bridge from Pong Sanuk - Chiang Muan road.

	Ban Mang	Amphoe	Chiang Muan	Changwat	Phayao
Drainage Area	590 sq.km.				
Method of sampling	Depth Integrating				
Instrument Used	US.D-49				
Period of Available Records	1997-Cont'd				
Actual Measurement	1997-Cont'd				
Using Rating Curve Water Year	2005				
Number of observation	17				
R-Square	0.8971				
Remarks	Continued Sediment Station				

$$QS = 16.3180 QW^{1.26670}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	10.39	12.30	26.35	13.48	19.69	1315.95	2746.38	62.86	12.30	6.44	15.91	19.69	
2	10.76	2270.40	23.64	13.48	18.41	546.92	1791.27	49.46	11.91	5.77	15.91	19.69	
3	10.76	33.39	23.64	11.53	18.41	972.35	568.66	31.96	11.53	5.44	15.91	17.15	
4	37.78	33.39	19.69	11.53	18.41	1171.84	389.95	26.35	11.14	4.16	17.15	17.15	
5	34.84	26.35	18.41	10.39	18.41	236.34	301.56	34.84	10.76	4.16	17.15	17.15	
6	29.13	23.64	18.41	44.30	17.15	1404.07	254.63	33.39	10.39	4.16	18.41	15.91	
7	23.64	18.41	546.92	19.69	15.91	493.37	171.34	41.77	10.01	4.16	18.41	15.91	
8	23.64	18.41	78.33	18.41	13.48	952.84	109.67	37.78	9.64	5.11	19.69	15.91	
9	23.64	19.69	100.49	15.91	13.48	236.34	95.97	34.84	9.27	5.11	19.69	15.91	
10	23.64	19.69	41.77	14.68	10.39	157.89	87.05	57.42	8.91	4.79	20.99	14.68	
11	23.64	18.41	29.13	12.30	10.01	282.59	74.04	41.77	8.54	4.79	20.99	14.68	
12	23.64	15.91	24.99	11.53	10.01	590.58	54.74	41.77	8.18	4.16	20.99	14.68	
13	23.64	15.91	20.99	11.53	3045.24	350.08	46.87	37.78	7.48	3.85	22.31	13.48	
14	23.64	12.30	18.41	41.77	702.67	245.45	46.87	37.78	7.48	3.85	22.31	13.48	
15	24.99	12.30	17.15	29.13	147.96	133.32	44.30	37.78	7.48	5.77	22.31	11.91	
16	24.99	20.99	15.91	20.99	82.67	95.97	44.30	31.96	12.30	7.83	19.69	11.91	
17	22.31	20.99	14.68	14.68	52.09	82.67	41.77	31.96	14.68	11.91	17.15	11.53	
18	30.54	19.69	14.68	11.53	52.09	65.62	41.77	29.13	18.41	11.53	17.15	11.53	
19	29.13	17.15	12.30	14.68	185.01	2197.03	39.26	27.73	22.31	18.41	17.15	11.14	
20	29.13	14.68	11.14	18.41	128.51	1861.59	39.26	26.35	31.96	22.31	17.15	11.14	
21	27.73	14.68	11.14	39.26	65.62	1011.61	37.78	22.31	30.54	22.31	18.41	10.76	
22	27.73	14.68	11.14	39.26	49.46	675.40	34.84	18.41	31.96	20.99	18.41	10.76	
23	27.73	27.73	191.93	178.15	41.77	441.02	31.96	15.91	37.78	20.99	18.41	10.39	
24	27.73	19.69	74.04	54.74	74.04	263.88	30.54	15.91	39.26	13.48	18.41	8.54	
25	23.64	15.91	60.13	31.96	62.86	157.89	29.13	15.91	41.77	13.48	18.41	8.54	
26	24.99	15.91	34.84	54.74	2848.95	220.13	27.73	14.68	39.26	17.15	18.41	8.54	
27	152.91	41.77	31.96	34.84	771.83	100.49	26.35	14.68	39.26	17.15	18.41	8.18	
28	24.99	31.96	30.54	34.84	933.41	5815.94	24.99	14.68	37.78	19.69	18.41	8.18	
29	17.15	29.13	30.54	30.54	236.34	3293.44	23.64	14.68	37.78	18.41		8.18	
30	12.30	26.35	29.13	24.99	69.80	2926.40	100.49	14.68	37.78	17.15		8.18	
31		19.69		22.31	292.04		69.80		34.84	15.91		8.18	
Total	850.77	2901.50	1582.42	905.58	10026.12	28299.01	7426.91	916.53	652.69	340.42	523.70	393.06	54818.71 Tonday
Mean	28.36	93.60	52.75	29.21	323.42	943.30	239.58	30.55	21.05	10.98	18.70	12.68	Ton/day
Max	152.91	2270.40	546.92	178.15	3045.24	5815.94	2746.38	62.86	41.77	22.31	22.31	19.69	5815.94 Ton/day
Min	10.39	12.30	11.14	10.39	10.01	65.62	23.64	14.68	7.48	3.85	15.91	8.18	3.85 Ton/day

WATER YEAR : 2005**Yom RIVER BASIN****Huai Mae Mok at Ban Mae Phu , Lampang (Y.26)**

Lat 17 - 19 - 37 N Long 99 - 27 - 42 E

Location : on left bank downstream from Ban Mae Phu Tambon Wiang Mok.

	Ban Mae Phu	Amphoe Thoen	Changwat Lampang
Drainage Area	784 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.8807		
Remarks	Continued Sediment Station		

$$QS = 5.5822 QW^{1.50660}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.68	2.21	4.06	1.40	2.46	3.05	4.76	21.80	2.21	1.15	0.46	0.20	
2	1.68	1.20	2.21	1.40	2.78	3.40	3.40	16.70	2.21	1.10	0.42	0.20	
3	1.68	1.20	1.68	1.68	2.46	4.06	11.55	15.15	2.21	1.05	0.42	0.20	
4	1.68	1.20	1.68	1.68	2.46	4.76	12.86	14.45	2.21	1.05	0.39	0.17	
5	2.78	1.20	1.40	1.68	2.46	4.06	4.06	12.86	2.21	1.00	0.39	0.17	
6	1.68	1.20	1.40	1.68	2.46	11.55	64.99	12.86	2.21	0.96	0.39	0.17	
7	1.40	1.20	1.20	3.77	2.21	8.87	12.86	12.20	1.96	0.96	0.35	0.17	
8	1.40	1.20	1.20	2.46	2.21	6.98	7.63	30.70	1.96	0.91	0.35	0.17	
9	1.40	1.20	1.40	2.21	2.21	284.52	6.98	46.78	1.96	0.91	0.35	0.15	
10	1.40	1.20	1.40	1.96	1.96	15.15	6.98	12.20	2.21	0.86	0.32	0.15	
11	1.20	1.20	1.96	2.21	1.96	18.31	6.36	5.33	2.21	0.82	0.32	0.15	
12	1.20	1.20	2.21	2.21	1.96	36.22	5.84	4.37	2.21	0.82	0.32	0.15	
13	1.20	1.20	3.77	10.08	2.46	8.87	6.98	3.77	1.96	0.78	0.32	0.15	
14	1.68	1.20	3.40	26.76	12.86	4.76	8.87	3.05	1.96	0.78	0.29	0.12	
15	1.40	1.20	2.46	11.55	6.98	24.24	7.63	2.78	1.91	0.73	0.29	0.12	
16	1.40	1.20	2.46	6.36	4.76	52.03	6.36	2.78	1.85	0.73	0.29	0.12	
17	1.20	1.20	4.37	6.36	3.77	21.80	5.84	2.78	1.79	0.69	0.26	0.12	
18	1.20	1.20	8.87	5.33	3.40	10.08	5.84	2.78	1.73	0.69	0.26	0.12	
19	1.20	1.20	9.47	2.78	3.05	72.82	5.33	2.46	1.68	0.65	0.26	0.10	
20	1.20	1.20	4.37	2.78	3.05	405.03	5.33	2.46	1.62	0.65	0.26	0.10	
21	1.20	1.20	3.40	2.46	2.78	28.05	6.36	2.46	1.57	0.61	0.23	0.10	
22	1.20	1.20	3.05	2.46	2.78	15.15	5.84	2.46	1.57	0.61	0.23	0.10	
23	1.20	1.40	2.46	2.46	10.08	8.87	6.98	2.46	1.51	0.57	0.23	0.10	
24	1.20	1.68	2.21	2.46	12.86	4.76	7.63	2.46	1.46	0.57	0.23	0.10	
25	1.20	1.20	1.96	2.46	5.33	4.37	7.63	2.21	1.40	0.53	0.20	0.10	
26	1.20	1.20	1.68	2.46	4.06	3.77	10.08	2.21	1.35	0.53	0.20	0.10	
27	1.20	1.20	1.68	2.78	3.77	3.40	18.31	2.21	1.30	0.53	0.20	0.10	
28	1.20	1.40	1.40	4.06	3.40	3.40	19.45	2.21	1.30	0.49	0.20	0.08	
29	1.20	4.06	1.40	3.40	3.40	4.06	19.45	2.21	1.25	0.49		0.08	
30	1.20	3.05	1.40	2.78	2.78	4.06	19.45	2.21	1.20	0.46		0.08	
31		1.96		2.78	2.46		19.45		1.20	0.46		0.08	
Total	41.66	44.56	81.61	126.90	121.62	1080.45	341.08	251.36	55.38	23.14	8.43	4.02	2180.21 Tonday
Mean	1.39	1.44	2.72	4.09	3.92	36.02	11.00	8.38	1.79	0.75	0.30	0.13	Ton/day
Max	2.78	4.06	9.47	26.76	12.86	405.03	64.99	46.78	2.21	1.15	0.46	0.20	405.03 Ton/day
Min	1.20	1.20	1.20	1.40	1.96	3.05	3.40	2.21	1.20	0.46	0.20	0.08	0.08 Ton/day

WATER YEAR : 2005**Yom RIVER BASIN****Nam Khuan at Ban Pa Kha , Phayao (Y.36)**

Lat 19 - 09 - 24 N Long 100 - 19 - 36 E

Location : on left bank at the bridge.

	Ban Pa Kha	Amphoe Pong	Changwat Phayao
Drainage Area	853 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000.-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	182		
R-Square	0.8690		
Remarks	Continued Sediment Station		

$$QS = 2.4095 QW^{1.52220}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	8.85	1.11	5.65	15.52	116.07	631.61	2571.98	123.07	57.10	18.75	16.58	12.51		
2	11.55	0.71	2.05	12.51	156.26	392.80	1670.28	95.94	59.83	18.75	16.58	14.49		
3	13.49	8.85	7.19	8.00	77.16	702.28	983.46	89.52	59.83	18.75	16.58	13.49		
4	15.52	12.51	9.72	12.51	65.44	869.05	906.64	65.44	39.21	21.80	15.52	13.49		
5	18.75	8.85	4.24	12.51	44.09	712.59	621.72	65.44	39.21	18.75	15.52	12.51		
6	16.58	10.62	2.23	18.75	39.21	461.00	492.50	95.94	41.62	18.75	16.58	12.51		
7	14.49	10.62	0.97	19.88	39.21	484.56	461.00	95.94	41.62	18.75	16.58	12.51		
8	13.49	10.62	51.75	14.49	46.59	476.66	535.20	209.63	39.21	18.75	16.58	12.51		
9	11.55	44.09	11.55	14.49	46.59	461.00	349.45	242.72	39.21	18.75	16.58	12.51		
10	11.55	25.82	15.52	13.49	46.59	430.23	294.42	281.17	39.21	18.75	16.58	12.51		
11	10.62	16.58	13.49	10.62	39.21	554.04	255.32	170.28	39.21	18.75	16.58	12.51		
12	10.62	13.49	7.19	10.62	36.85	983.46	225.09	130.21	39.21	18.75	16.58	12.51		
13	10.62	13.49	2.23	86.37	4877.24	1009.53	268.14	126.63	39.21	19.88	16.58	12.51		
14	10.62	13.49	1.88	89.52	1369.11	671.68	225.09	112.63	39.21	19.88	15.52	11.55		
15	10.62	13.49	1.56	461.00	525.87	415.12	349.45	95.94	36.85	18.75	15.52	12.51		
16	10.62	12.51	0.97	65.44	255.32	287.77	492.50	95.94	27.92	18.75	15.52	12.51		
17	10.62	11.55	0.76	39.21	230.33	255.32	156.26	95.94	27.92	18.75	15.52	12.51		
18	9.72	11.55	2.23	23.78	592.39	255.32	165.56	80.19	34.54	18.75	15.52	12.51		
19	8.85	11.55	10.62	34.54	554.04	1305.01	160.89	80.19	34.54	18.75	15.52	10.62		
20	8.85	11.55	10.62	32.28	407.63	1198.50	175.04	80.19	34.54	17.65	15.52	10.62		
21	2.23	14.49	13.49	147.15	268.14	671.68	151.68	71.22	32.28	17.65	14.49	8.85		
22	1.40	0.97	14.49	89.52	165.56	476.66	130.21	71.22	32.28	17.65	14.49	8.85		
23	1.11	1.25	27.92	80.19	156.26	400.19	126.63	65.44	27.92	17.65	13.49	9.72		
24	1.25	6.40	27.92	80.19	147.15	484.56	112.63	65.44	27.92	16.58	12.51	9.72		
25	0.97	11.55	39.21	86.37	123.07	356.55	102.50	65.44	27.92	16.58	12.51	10.62		
26	0.67	0.43	57.10	112.63	712.59	314.68	95.94	65.44	21.80	16.58	12.51	10.62		
27	0.26	0.00	25.82	71.22	1075.74	268.14	89.52	65.44	27.92	16.58	12.51	10.62		
28	6.40	1.11	14.49	62.62	2910.12	1305.01	89.52	59.83	27.92	16.58	12.51	9.72		
29	8.85	1.11	18.75	46.59	832.00	2616.23	80.19	59.83	27.92	16.58		9.72		
30	3.59	2.23	19.88	39.21	453.24	3167.06	99.20	39.21	25.82	16.58		11.55		
31		14.49		34.54	461.00		170.28		23.78	16.58		14.49		
Total	264.31	317.08	421.49	1845.76	16870.07	2	2618.29	12608.29	3061.46	1112.68	564.80	427.08	363.88	60475.19 Tonday
Mean	8.81	10.23	14.05	59.54	544.20	753.94	406.72	102.05	35.89	18.22	15.25	11.74		Ton/day
Max	18.75	44.09	57.10	461.00	4877.24	3167.06	2571.98	281.17	59.83	21.80	16.58	14.49		4877.24 Ton/day
Min	0.26	0.00	0.76	8.00	36.85	255.32	80.19	39.21	21.80	16.58	12.51	8.85		0.00 Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Bun Nak , Nan (N.13A)

Lat 18 - 33 - 12 N Long 100 - 46 - 03 E

Location : on right bank about 2 kilometers upstream from Station N.13

	Ban Bun Nak	Amphoe Wiang Sa	Changwat Nan
Drainage Area	8,706 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1994-Cont'd		
Actual Measurement	1994-Cont'd		
Using Rating Curve Water Year	1994-2005		
Number of observation	300		
R-Square	0.8788		
Remarks	Continued Sediment Station		

$$QS = 0.4698 QW^{1.56800}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	31.10	73.10	800.00	1442.70	6442.60	16945.20	42507.80	2056.60	516.50	327.00	152.70	94.80		
2	31.10	47.50	426.50	1580.00	17843.70	14962.20	28154.70	1831.00	498.00	311.40	152.70	87.30		
3	26.20	41.80	535.20	1245.30	14287.20	19122.70	19122.70	1615.00	498.00	296.00	152.70	80.10		
4	110.30	87.30	883.30	2056.60	8395.10	36699.80	15908.70	1476.60	479.80	280.90	143.90	73.10		
5	161.80	110.30	554.20	1277.50	6442.60	17843.70	12810.20	1409.10	461.80	266.10	143.90	73.10		
6	161.80	73.10	554.20	1309.90	5051.70	15735.10	10219.20	1309.90	444.00	251.70	143.90	66.30		
7	126.70	66.30	1510.80	1476.60	4581.50	21189.90	9511.90	1342.70	444.00	241.00	171.10	66.30		
8	102.40	53.50	2788.50	1089.00	5374.30	17944.50	8587.60	1650.30	426.50	241.00	161.80	66.30		
9	80.10	59.80	1510.80	969.60	4581.50	15132.80	7456.60	2874.70	426.50	230.50	152.70	59.80		
10	59.80	80.10	2095.10	1580.00	3835.60	18465.60	6154.70	1942.60	409.30	220.10	152.70	59.80		
11	47.50	143.90	1580.00	1181.90	3319.80	15218.30	5374.30	1650.30	392.30	220.10	143.90	53.50		
12	41.80	110.30	940.50	1757.90	3644.90	16846.40	4788.50	1650.30	392.30	220.10	135.20	53.50		
13	36.30	110.30	554.20	2661.00	33760.80	16453.30	4378.00	1580.00	375.60	210.00	135.20	53.50		
14	36.30	102.40	392.30	4479.30	73250.30	10583.80	4378.00	1342.70	375.60	210.00	135.20	53.50		
15	36.30	80.10	327.00	3183.80	60761.70	8204.20	4128.20	1181.90	342.90	210.00	152.70	53.50		
16	36.30	73.10	359.10	3787.60	26601.60	7579.40	4029.80	1089.00	327.00	200.00	143.90	53.50		
17	36.30	59.80	554.20	2745.70	22967.40	6735.30	3504.20	1058.70	327.00	200.00	135.20	53.50		
18	31.10	47.50	342.90	1980.40	53754.20	6559.10	3094.30	1028.70	311.40	200.00	126.70	53.50		
19	31.10	41.80	409.30	4177.80	58515.30	15389.80	2874.70	940.50	311.40	190.20	143.90	53.50		
20	26.20	47.50	392.30	3228.90	48098.20	41518.40	2745.70	911.70	311.40	190.20	152.70	53.50		
21	53.50	41.80	296.00	2703.20	27022.00	46377.80	3787.60	855.20	311.40	190.20	143.90	66.30		
22	73.10	66.30	426.50	4327.60	22199.30	28012.20	2703.20	800.00	311.40	180.50	135.20	59.80		
23	41.80	102.40	2745.70	7517.90	23484.80	16453.30	2331.60	800.00	311.40	180.50	126.70	59.80		
24	31.10	118.40	4428.50	13541.40	21064.90	15908.70	2133.90	719.70	311.40	180.50	118.40	53.50		
25	26.20	143.90	13459.40	12569.70	19122.70	13052.30	2018.40	693.60	296.00	180.50	110.30	47.50		
26	31.10	73.10	7032.60	15218.30	16170.50	10071.30	2095.10	667.90	296.00	171.10	102.40	41.80		
27	110.30	66.30	2831.50	12251.70	26881.60	9856.50	2056.60	642.60	375.60	171.10	102.40	36.30		
28	135.20	94.80	1650.30	13459.40	17143.40	29449.00	1867.90	617.60	516.50	171.10	102.40	36.30		
29	152.70	94.80	1213.50	10362.20	19707.90	64188.40	1794.30	592.90	461.80	171.10		31.10		
30	110.30	200.00	1476.60	7827.20	14203.60	55385.70	1685.90	573.40	359.10	161.80		41.80		
31		883.30		6326.90	12810.20		2056.60		342.90	161.80		210.00		
Total	2015.80	3394.60	53071.00	149317.00	681320.90	627884.80	224260.90	36905.20	11964.80	6636.50	3874.40	1946.10	1802592.00	Ton/day
Mean	67.20	109.50	1769.00	4816.70	21978.10	20929.50	7234.20	1230.20	386.00	214.10	138.40	62.80		Ton/day
Max	161.80	883.30	13459.40	15218.30	73250.30	64188.40	42507.80	2874.70	516.50	327.00	171.10	210.00	73250.30	Ton/day
Min	26.20	41.80	296.00	969.60	3319.80	6559.10	1685.90	573.40	296.00	161.80	102.40	31.10	26.20	Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Khwaee Noi River at Ban Yang, Phitsanulok (N.22)

Lat 17 - 01 - 56 N Long 100 - 22 - 20 E

Location : on left bank about 1 kilometer downstream from District Forestry Office.

	Ban Yang	Amphoe Wat Bot	Changwat Phitsanulok
Drainage Area	4,764 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1963 - 1971,1997 - Cont'd		
Actual Measurement	1963 - 1971,1997 - Cont'd		
Using Rating Curve Water Year	1996-2005		
Number of observation	184		
R-Square	0.8241		
Remarks	Continued Sediment Station		

$$QS = 2.1655 QW^{1.46240}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	35.70	251.10	148.30	794.30	390.60	13043.10	452.70	72.20	25.50	7.80	3.90		
2	0.00	17.70	209.60	108.10	583.20	515.70	11257.70	323.90	68.40	21.50	7.30	4.30		
3	6.40	13.00	197.60	82.00	803.60	1126.50	8952.20	268.40	66.50	20.80	7.30	3.50		
4	82.00	10.80	110.90	66.50	785.10	2348.80	7969.90	246.90	64.60	18.90	6.90	3.50		
5	105.40	6.90	66.50	88.10	695.00	2383.50	6692.30	255.40	66.50	18.30	6.40	3.50		
6	20.80	7.80	50.40	82.00	803.60	2559.50	5493.30	286.00	64.60	16.40	6.90	2.50		
7	21.50	6.90	32.70	230.10	677.40	2666.90	4670.30	367.90	72.20	16.40	6.40	2.50		
8	21.50	7.30	55.60	367.90	668.60	3734.40	3555.30	566.50	64.60	15.80	6.40	2.00		
9	20.80	6.00	40.40	286.00	522.90	7465.40	2904.50	522.90	59.20	15.30	6.40	1.60		
10	20.80	5.10	25.50	197.60	356.80	12203.10	2666.90	537.30	55.60	14.70	5.50	1.90		
11	0.00	5.10	40.40	116.40	459.50	13184.80	2453.40	396.40	52.10	14.10	4.70	1.60		
12	0.00	7.80	105.40	94.80	574.80	12481.20	1977.70	308.50	47.00	13.50	5.10	1.40		
13	8.30	13.00	170.50	965.60	812.80	12667.60	1627.50	323.90	45.30	13.00	4.70	1.60		
14	8.30	28.30	822.10	4670.30	955.80	10749.80	1055.10	313.10	42.00	13.50	5.10	1.60		
15	18.30	40.40	985.30	3714.30	1025.00	8247.50	917.00	272.80	40.40	13.50	5.50	1.60		
16	152.00	32.70	1195.80	2177.60	1290.20	6752.70	812.80	234.20	38.80	14.10	5.50	1.40		
17	110.90	64.60	1411.30	1184.10	1338.20	5465.00	739.60	473.40	32.70	14.10	6.00	1.40		
18	45.30	42.00	2366.10	508.60	1015.00	4645.20	634.00	390.60	29.80	13.50	6.00	1.30		
19	25.50	20.80	2997.60	268.40	1561.10	5465.00	566.50	255.40	29.80	13.00	6.00	1.30		
20	38.80	21.50	1928.70	163.00	2849.10	7036.70	432.20	185.90	28.30	12.40	6.40	1.20		
21	90.10	42.00	2297.00	119.20	3654.40	10290.70	351.20	148.30	26.90	11.90	6.00	1.20		
22	124.90	84.00	3282.30	193.70	3016.30	11973.00	290.50	130.60	25.50	11.30	5.50	1.00		
23	57.40	119.20	2211.50	583.20	2794.10	13327.00	255.40	88.10	24.10	10.30	8.30	13.00		
24	29.80	185.90	1411.30	501.50	3594.80	12203.10	432.20	86.00	24.10	10.80	12.40	25.50		
25	37.30	84.00	1095.70	695.00	3224.70	11343.10	313.10	84.00	22.80	10.30	13.00	13.00		
26	64.60	92.20	1161.00	907.40	2739.30	9675.00	286.00	82.00	22.80	9.80	9.30	8.30		
27	255.40	57.40	1386.80	1005.10	2010.60	8174.60	290.50	82.00	22.80	9.30	8.80	5.10		
28	425.50	22.80	1207.40	840.80	1207.40	7036.70	268.40	78.00	24.10	8.80	9.30	3.50		
29	197.60	17.70	508.60	668.60	668.60	10084.10	308.50	74.10	22.80	8.30		3.20		
30	100.00	32.70	396.40	487.40	668.60	11835.60	259.70	68.40	22.80	8.30		2.20		
31		264.10		329.30	544.60		487.40		22.10	8.30		2.80		
Total	2089.20	1395.40	28021.50	21850.90	42695.40	228032.80	81964.20	7903.60	1301.40	425.70	194.90	122.40	415997.40	Ton/day
Mean	69.60	45.00	934.10	704.90	1377.30	7601.10	2644.00	263.50	42.00	13.70	7.00	3.90		Ton/day
Max	425.50	264.10	3282.30	4670.30	3654.40	13327.00	13043.10	566.50	72.20	25.50	13.00	25.50	13327.00	Ton/day
Min	0.00	5.10	25.50	66.50	356.80	390.60	255.40	68.40	22.10	8.30	4.70	1.00	0.00	Ton/day

WATER YEAR : 2005**NAN RIVER BASIN****Khhek River at Ban Wang Nok Aen , Phitsanulok (N.24)**

Lat 16 - 50 - 36 N Long 100 - 31 - 20 E

Location : on right bank about 2 kilometers downstream from Sakunothayan Fall.

	Ban	Wang Nok Aen	Amphoe	Wang Thong	Changwat	Phitsanulok
Drainage Area	1,838	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1996-Cont'd					
Actual Measurement	1996-Cont'd					
Using Rating Curve Water Year	1996-2005					
Number of observation	147					
R-Square	0.8680					
Remarks	Continued Sediment Station					

$$QS = 1.8299 QW^{1.53570}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.30	5.06	156.79	75.59	598.58	191.46	842.27	114.47	58.44	47.19	3.27	5.55		
2	1.77	1.77	96.67	69.30	444.99	230.59	771.53	98.25	58.07	47.19	3.27	5.55		
3	2.12	6.58	67.51	129.80	796.43	205.58	712.19	87.42	57.69	46.84	3.27	4.82		
4	7.66	4.82	59.48	79.95	577.53	207.63	654.52	82.91	57.41	46.84	3.48	4.13		
5	8.51	3.07	61.67	65.64	532.15	321.26	611.33	135.05	57.04	46.58	3.48	3.91		
6	5.55	3.69	92.00	70.81	873.25	573.35	573.35	147.59	56.66	46.23	3.69	3.69		
7	2.87	7.94	57.69	128.06	676.50	786.39	544.40	175.75	56.29	45.89	3.69	3.48		
8	2.67	6.58	63.11	230.59	444.99	1465.76	602.82	205.58	56.01	45.54	3.91	3.48		
9	2.30	5.31	61.96	315.48	332.92	1669.57	528.09	179.63	55.27	45.28	3.91	3.27		
10	2.12	4.59	59.10	265.47	296.71	5373.79	481.79	164.28	54.54	44.94	3.91	3.27		
11	2.12	4.36	57.04	255.33	598.58	5970.97	428.11	133.29	54.26	44.94	4.13	3.07		
12	2.48	5.06	57.69	201.51	573.35	2810.11	353.68	158.65	53.90	10.92	4.13	3.07		
13	48.15	67.12	58.82	504.36	689.81	4398.26	302.03	145.78	53.53	10.61	3.91	2.87		
14	7.94	45.89	111.16	712.19	607.07	2651.87	265.47	151.25	53.26	10.30	3.91	2.67		
15	4.36	6.58	72.32	1152.22	463.27	2028.41	283.54	112.81	52.89	9.99	3.91	2.48		
16	7.94	5.80	69.00	663.28	466.95	2146.96	203.54	112.81	52.89	9.69	3.91	2.30		
17	6.84	8.51	66.72	536.23	302.03	1812.18	169.98	101.42	52.53	9.39	3.69	2.48		
18	6.06	47.19	71.61	283.54	796.43	2883.09	154.93	85.91	52.53	9.09	3.69	2.87		
19	6.06	9.69	304.70	211.74	377.94	7203.27	143.97	79.95	52.17	8.80	3.69	3.07		
20	7.66	7.11	242.85	203.54	3769.90	4969.39	135.05	69.70	52.17	8.51	6.31	3.27		
21	6.58	55.27	270.59	228.17	1625.85	3657.00	131.54	65.94	52.17	8.22	3.48	3.27		
22	46.23	61.67	405.89	230.59	4082.13	4711.20	126.33	65.25	51.90	7.94	3.48	3.27		
23	46.23	58.07	216.18	694.26	2609.27	1722.57	119.50	64.18	51.18	7.66	3.91	4.13		
24	45.54	64.57	162.40	1582.53	1008.60	1884.99	121.20	63.40	50.55	7.38	3.48	7.66		
25	9.39	58.07	371.82	1457.66	585.92	1713.70	117.82	62.34	49.48	7.11	3.69	7.38		
26	52.17	57.69	485.53	1076.46	396.50	1498.30	112.81	61.67	48.51	6.84	4.13	6.84		
27	312.77	52.89	324.16	1740.36	299.36	1539.63	111.16	60.91	48.15	6.31	4.36	5.31		
28	106.25	47.89	177.69	1740.36	247.82	1152.22	109.51	59.86	47.89	6.06	4.59	4.82		
29	65.94	45.54	107.88	1101.51	220.95	1033.10	112.81	59.48	47.89	5.55		3.69		
30	50.82	45.54	79.95	1002.51	185.51	955.99	116.14	58.82	47.89	5.31		3.27		
31		96.67		889.49	175.75		114.47		47.89	5.06		3.27		
Total	879.40	900.59	4489.98	17898.53	25657.04	67768.59	10055.88	3164.35	1641.05	668.20	108.28	122.21	133354.11	Ton/day
Mean	29.31	29.05	149.67	577.37	827.65	2258.95	324.38	105.48	52.94	21.55	3.87	3.94		Ton/day
Max	312.77	96.67	485.53	1740.36	4082.13	7203.27	842.27	205.58	58.44	47.19	6.31	7.66	7203.27	Ton/day
Min	1.77	1.77	57.04	65.64	175.75	191.46	109.51	58.82	47.89	5.06	3.27	2.30	1.77	Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nam Khwae Noi at Ban Nong Krathao , Phitsanulok (N.36)

Lat 17 - 04 - 59 N Long 100 - 49 - 44 E

Location : on left bank about 50 meters upstream from the bridge along Lom Sak - Nakhon Thai Road, Tambon Nong Krathao.

	Ban Nong Krathao	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	1,710 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2000-2005		
Number of observation	112		
R-Square	0.7991		
Remarks	Continued Sediment Station		

$$QS = 5.0983 QW^{1.36900}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.40	55.20	452.70	64.70	693.90	746.90	4463.80	193.60	97.00	36.40	15.90	3.80	
2	26.10	41.20	168.40	43.70	644.50	790.10	3920.60	179.80	95.50	31.70	15.50	3.40	
3	98.50	29.40	87.90	77.50	850.50	997.80	3579.50	170.80	89.40	31.70	15.00	2.80	
4	80.40	20.90	48.70	112.80	1354.30	1925.10	3241.00	224.60	116.00	32.90	14.10	2.20	
5	38.80	17.40	66.10	132.50	1362.20	2344.80	2324.70	241.60	117.60	31.70	12.30	2.20	
6	31.70	16.40	87.90	268.70	1354.30	2235.10	1661.40	265.60	92.40	30.60	11.40	2.00	
7	34.00	15.90	64.70	424.90	1253.20	2265.00	1587.20	305.90	86.40	28.30	11.40	0.80	
8	25.10	15.50	42.40	226.90	683.40	2324.70	1323.00	387.40	81.90	26.10	10.50	0.60	
9	20.90	15.00	48.70	119.20	459.80	3727.30	1026.90	407.80	79.00	25.10	9.70	0.60	
10	19.40	14.50	40.00	95.50	354.20	6739.10	889.50	309.00	76.10	25.10	9.30	0.80	
11	17.90	13.60	38.80	95.50	1079.70	6647.20	757.60	253.50	71.70	22.90	8.10	0.80	
12	17.40	11.80	47.40	98.50	1711.50	5572.30	640.20	315.40	68.90	22.90	8.10	1.50	
13	19.40	14.10	127.50	635.50	1522.00	5659.90	604.50	305.90	66.10	22.40	7.70	2.50	
14	184.40	51.30	435.30	1079.70	917.70	5018.70	586.60	229.80	63.30	22.40	7.30	2.20	
15	74.60	76.10	466.80	1881.00	626.60	4078.40	658.20	226.90	50.00	22.40	7.30	2.50	
16	50.00	34.00	173.10	1385.80	1003.60	3530.60	635.50	290.20	53.90	21.90	12.70	1.20	
17	34.00	24.00	951.80	477.50	878.30	2817.50	517.80	205.50	51.30	20.90	11.80	0.60	
18	29.40	20.40	1522.00	224.60	649.20	2615.50	459.80	166.30	50.00	20.40	11.00	0.80	
19	29.40	29.40	1611.80	134.20	1678.10	3604.00	390.80	148.70	50.00	19.40	6.90	8.90	
20	28.30	74.60	1457.50	106.40	3506.20	8135.90	350.90	137.90	47.40	18.40	8.50	19.90	
21	37.60	284.00	1154.30	153.00	4509.40	7016.70	321.80	129.10	44.90	17.40	13.60	280.90	
22	55.20	200.60	1044.40	367.40	3628.60	8774.30	280.90	122.50	44.90	16.90	21.90	71.70	
23	132.50	116.00	889.50	878.30	5747.90	6283.30	244.60	112.80	44.90	16.40	14.10	62.00	
24	73.20	241.60	1546.30	963.30	3702.60	5302.70	232.80	109.60	43.70	15.90	11.00	59.30	
25	66.10	92.40	2445.50	1146.80	1963.20	4971.80	222.10	108.00	43.70	15.90	8.50	62.00	
26	29.40	41.20	1753.40	1513.90	1963.20	3826.80	207.70	108.00	42.40	16.40	7.30	57.90	
27	41.20	28.30	573.60	1972.60	1362.20	3481.90	205.50	103.20	42.40	16.90	5.80	55.20	
28	51.30	20.40	198.30	1982.30	578.10	3083.00	186.60	95.50	42.40	16.40	4.40	52.60	
29	66.10	17.90	114.40	1804.20	484.60	2871.30	224.60	106.40	42.40	16.40		51.30	
30	62.00	18.40	31.70	1530.10	418.00	2664.40	284.00	90.90	43.70	15.90		59.30	
31		238.60		1315.20	401.00		219.80		43.70	15.50		81.90	
Total	1491.70	1890.10	17690.90	21312.20	47342.00	120052.10	32249.90	6052.20	1983.00	693.60	301.10	954.20	252013.00 Ton/day
Mean	49.70	61.00	589.70	687.50	1527.20	4001.70	1040.30	201.70	64.00	22.40	10.80	30.80	Ton/day
Max	184.40	284.00	2445.50	1982.30	5747.90	8774.30	4463.80	407.80	117.60	36.40	21.90	280.90	8774.30 Ton/day
Min	17.40	11.80	31.70	43.70	354.20	746.90	186.60	90.90	42.40	15.50	4.40	0.60	0.60 Ton/day

WATER YEAR : 2005**NAN RIVER BASIN****Nam Yao at Ban Nam Yao , Nan (N.49)**

Lat 18 - 59 - 33 N Long 100 - 56 - 36 E

Location : on right bank downstream of the bridge of Nam Yao, along Pua - Sila Phet Road.

	Ban Nam Yao	Amphoe Pua	Changwat Nan
Drainage Area	153 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2000-2005		
Number of observation	131		
R-Square	0.7501		
Remarks	Continued Sediment Station		

$$QS = 2.6379 QW^{1.18380}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.00	1.00	4.00	182.00	450.00	156.00	166.00	11.00	4.00	2.00	1.00	1.00	
2	2.00	2.00	57.00	103.00	282.00	79.00	84.00	11.00	4.00	2.00	1.00	1.00	
3	2.00	3.00	9.00	212.00	196.00	150.00	68.00	9.00	4.00	2.00	1.00	1.00	
4	3.00	2.00	5.00	61.00	127.00	95.00	57.00	7.00	4.00	2.00	1.00	1.00	
5	4.00	2.00	6.00	42.00	95.00	57.00	44.00	7.00	4.00	2.00	1.00	1.00	
6	4.00	1.00	5.00	33.00	84.00	28.00	40.00	6.00	4.00	2.00	1.00	1.00	
7	3.00	1.00	131.00	25.00	95.00	25.00	36.00	7.00	3.00	2.00	1.00	1.00	
8	3.00	1.00	20.00	20.00	77.00	39.00	27.00	15.00	3.00	2.00	1.00	1.00	
9	2.00	2.00	121.00	95.00	64.00	39.00	23.00	7.00	3.00	2.00	1.00	1.00	
10	2.00	2.00	30.00	44.00	84.00	31.00	20.00	7.00	3.00	2.00	1.00	1.00	
11	2.00	1.00	17.00	55.00	72.00	386.00	18.00	7.00	3.00	2.00	1.00	1.00	
12	2.00	1.00	9.00	39.00	199.00	127.00	18.00	6.00	3.00	2.00	1.00	1.00	
13	2.00	1.00	8.00	36.00	780.00	52.00	16.00	6.00	3.00	2.00	1.00	1.00	
14	2.00	1.00	6.00	34.00	392.00	40.00	15.00	5.00	3.00	2.00	1.00	1.00	
15	1.00	1.00	5.00	88.00	268.00	28.00	15.00	5.00	3.00	2.00	1.00	1.00	
16	1.00	1.00	5.00	36.00	226.00	25.00	14.00	5.00	3.00	2.00	1.00	1.00	
17	1.00	1.00	6.00	27.00	1011.00	20.00	12.00	5.00	3.00	2.00	1.00	1.00	
18	1.00	1.00	6.00	50.00	800.00	17.00	10.00	5.00	3.00	2.00	1.00	1.00	
19	1.00	1.00	6.00	47.00	595.00	59.00	9.00	6.00	3.00	2.00	1.00	1.00	
20	1.00	4.00	6.00	31.00	386.00	206.00	9.00	6.00	3.00	2.00	1.00	1.00	
21	1.00	4.00	6.00	42.00	248.00	166.00	9.00	5.00	2.00	2.00	1.00	1.00	
22	3.00	6.00	18.00	44.00	800.00	68.00	9.00	5.00	2.00	2.00	1.00	1.00	
23	2.00	2.00	31.00	176.00	486.00	61.00	9.00	5.00	2.00	2.00	1.00	1.00	
24	1.00	2.00	564.00	106.00	380.00	44.00	8.00	5.00	2.00	2.00	1.00	1.00	
25	1.00	1.00	93.00	223.00	230.00	44.00	8.00	5.00	2.00	2.00	1.00	1.00	
26	1.00	1.00	66.00	196.00	380.00	28.00	8.00	5.00	2.00	2.00	1.00	1.00	
27	2.00	1.00	42.00	202.00	444.00	28.00	8.00	4.00	4.00	2.00	1.00	1.00	
28	2.00	1.00	20.00	182.00	486.00	760.00	8.00	4.00	6.00	1.00	1.00	1.00	
29	3.00	1.00	36.00	186.00	239.00	230.00	9.00	4.00	4.00	1.00		1.00	
30	2.00	7.00	61.00	329.00	206.00	95.00	9.00	4.00	3.00	1.00		12.00	
31		5.00		456.00	199.00		7.00		2.00	1.00		4.00	
Total	59.00	61.00	1399.00	3402.00	10381.00	3183.00	793.00	189.00	97.00	58.00	28.00	45.00	19695.00 Tonday
Mean	1.97	1.97	46.63	109.74	334.87	106.10	25.58	6.30	3.13	1.87	1.00	1.45	53.38 Ton/day
Max	4.00	7.00	564.00	456.00	1011.00	760.00	166.00	15.00	6.00	2.00	1.00	12.00	1011.00 Ton/day
Min	1.00	1.00	4.00	20.00	64.00	17.00	7.00	4.00	2.00	1.00	1.00	1.00	1.00 Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nam Phak at Ban Tha Sakae , Phitsanulok (N.55)

Lat 17 - 15 - 06 N Long 100 - 37 - 53 E

Location : on left bank at the bridge of Nakhon Thai - Chat Trakan Road , Tambon Pa Daeng.

	Ban	Tha Sakae	Amphoe	Chat Trakan	Changwat	Phitsanulok
Drainage Area	971	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1983 - Cont'd,1994 - Cont'd					
Actual Measurement	1983 - Cont'd,1994 - Cont'd					
Using Rating Curve Water Year	2001 - 2005					
Number of observation	85					
R-Square	0.7524					
Remarks	Continued Sediment Station					

$$QS = 4.2788 QW^{1.28990}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.62	2.17	31.50	28.08	88.83	149.86	1844.11	71.25	24.76	16.15	10.46	7.22	
2	1.35	2.17	11.83	20.74	341.57	161.00	1587.31	66.61	23.94	14.68	8.48	6.00	
3	23.94	2.17	9.13	19.96	213.47	187.66	1489.33	60.54	23.13	13.95	9.79	5.41	
4	12.53	1.89	11.14	19.96	133.50	280.70	1104.20	57.55	23.13	13.24	9.79	5.41	
5	9.13	1.89	5.41	17.65	102.14	383.02	905.15	57.55	23.94	13.95	9.79	5.41	
6	6.00	1.62	8.48	15.41	87.20	326.14	727.40	135.30	23.94	13.24	9.13	5.41	
7	3.63	1.35	13.95	16.90	68.15	395.19	597.19	166.63	24.76	12.53	9.13	5.41	
8	3.00	1.35	5.41	28.08	60.54	1420.40	505.12	124.60	23.13	14.68	6.00	5.41	
9	2.45	1.10	11.14	19.96	51.39	1591.90	401.30	117.58	22.33	13.95	8.48	6.00	
10	1.89	0.87	9.13	23.13	48.99	1652.27	355.96	79.13	21.53	14.68	8.48	6.00	
11	1.62	0.87	12.53	20.74	50.24	1668.07	323.51	63.56	19.18	13.95	8.48	4.84	
12	1.35	0.47	172.31	133.50	51.39	1475.57	295.77	98.77	19.18	14.68	7.85	3.95	
13	1.35	0.68	98.77	263.58	57.55	1352.01	270.99	108.94	19.18	13.95	9.13	3.95	
14	119.33	6.60	206.58	641.08	75.96	1182.49	258.72	65.08	18.41	12.53	9.13	4.84	
15	23.94	24.76	208.96	246.57	326.14	735.28	227.52	52.65	18.41	11.83	9.13	4.84	
16	10.46	11.83	174.21	146.19	270.99	672.73	201.98	187.66	17.65	11.83	9.13	4.84	
17	5.41	6.60	151.71	103.83	144.36	560.61	189.60	65.08	16.90	11.83	9.13	3.95	
18	4.84	4.28	567.22	63.56	185.72	557.31	168.52	51.39	16.15	11.14	8.48	4.28	
19	28.93	12.53	268.47	45.49	511.58	795.12	155.41	45.49	18.41	11.14	9.13	3.95	
20	68.15	6.60	263.58	39.76	641.08	1302.51	146.19	44.27	19.96	11.83	9.79	3.95	
21	13.95	3.63	593.84	51.39	379.99	1758.26	131.71	38.58	17.65	11.83	12.53	3.95	
22	13.95	7.85	237.14	159.13	295.77	1779.64	114.11	35.17	16.90	12.53	12.53	8.48	
23	7.85	6.60	151.71	117.58	328.63	1657.53	107.23	34.11	16.15	11.83	9.79	7.22	
24	3.31	11.83	98.77	79.13	183.79	1475.57	98.77	33.24	16.15	11.83	9.13	5.41	
25	3.31	4.84	87.20	79.13	148.02	1231.13	92.12	32.36	16.15	11.14	8.48	4.84	
26	3.00	3.31	155.41	191.54	107.23	1026.77	88.83	31.50	16.15	11.14	7.85	4.84	
27	3.31	2.45	66.61	590.50	93.77	1052.57	87.20	30.63	16.15	11.14	7.85	4.84	
28	3.00	2.17	45.49	590.50	85.57	1014.12	82.34	29.78	16.15	11.14	7.85	4.84	
29	2.75	1.62	35.17	441.56	74.38	1009.97	80.73	28.08	15.41	11.14		3.95	
30	2.45	1.35	31.50	344.08	62.04	967.58	114.11	26.41	15.41	11.14		3.95	
31		48.99		162.87	82.34		79.13		15.41	11.14		3.95	
Total	387.80	186.44	3744.30	4721.58	5352.32	29822.98	12831.56	2039.49	595.70	391.76	254.92	157.34	60486.20 Ton/day
Mean	12.93	6.01	124.81	152.31	172.66	994.10	413.92	67.98	19.22	12.64	9.10	5.08	Ton/day
Max	119.33	48.99	593.84	641.08	641.08	1779.64	1844.11	187.66	24.76	16.15	12.53	8.48	1844.11 Ton/day
Min	1.35	0.47	5.41	15.41	48.99	149.86	79.13	26.41	15.41	11.14	6.00	3.95	0.47 Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nam Fua at Ban Nam Fua , Phitsanulok (N.58)

Lat 17 - 08 - 45 N Long 100 - 56 - 04 E

Location : on left bank at the bridge of Nakhon Thai - Dan Sai Road from the guidpost 11.5

	Ban	Nam Fua	Amphoe	Nakhon Thai	Changwat	Phitsanulok
Drainage Area	317	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2001-Cont'd					
Actual Measurement	2001-Cont'd					
Using Rating Curve Water Year	2001-2005					
Number of observation	93					
R-Square	0.7222					
Remarks	Continued Sediment Station					

QS = 14.7830 QW^{1.46990}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	35.07	33.65	72.50	32.25	47.11	121.86	242.11	87.79	61.93	48.69	45.54	42.46	
2	35.07	30.86	68.92	29.50	141.53	56.85	192.39	87.79	61.93	48.69	45.54	42.46	
3	106.82	30.86	48.69	28.15	101.95	850.44	166.34	85.49	61.93	48.69	45.54	42.46	
4	51.90	30.86	42.46	25.52	55.18	111.77	149.66	85.49	61.93	48.69	45.54	40.95	
5	48.69	29.50	106.82	24.24	48.69	99.55	133.55	97.16	61.93	48.69	45.54	39.45	
6	48.69	29.50	42.46	47.11	48.69	258.21	121.86	92.43	61.93	48.69	45.54	39.45	
7	42.46	29.50	37.98	92.43	48.69	231.56	121.86	92.43	60.22	48.69	45.54	39.45	
8	40.95	43.99	40.95	37.98	51.90	1849.56	116.78	97.16	60.22	48.69	45.54	39.45	
9	39.45	35.07	43.99	36.52	48.69	5309.01	116.78	87.79	60.22	48.69	45.54	39.45	
10	37.98	32.25	47.11	37.98	45.54	715.25	111.77	87.79	60.22	48.69	45.54	39.45	
11	36.52	29.50	37.98	28.15	145.58	614.77	106.82	83.22	58.52	48.69	45.54	39.45	
12	35.07	28.15	133.55	55.18	92.43	686.89	101.95	80.96	58.52	47.11	47.11	39.45	
13	37.98	32.25	48.69	53.53	74.32	1022.22	99.55	78.73	56.85	47.11	50.29	39.45	
14	63.65	32.25	725.03	116.78	61.93	373.60	99.55	90.10	56.85	47.11	50.29	39.45	
15	37.98	30.86	47.11	36.52	56.85	325.82	99.55	78.73	55.18	45.54	47.11	39.45	
16	36.52	30.86	116.78	28.15	76.51	274.64	99.55	78.73	55.18	45.54	45.54	39.45	
17	35.07	29.50	141.53	26.83	74.32	170.59	99.55	74.32	53.53	45.54	45.54	40.95	
18	35.07	56.85	650.88	24.24	85.49	141.53	99.55	72.50	53.53	45.54	45.54	40.95	
19	35.07	35.07	166.34	22.98	1085.97	468.61	97.16	70.70	51.90	45.54	45.54	40.95	
20	35.07	53.53	201.33	21.74	297.04	527.46	97.16	70.70	51.90	45.54	55.18	43.99	
21	39.45	47.11	314.21	53.53	157.93	2498.91	92.43	83.22	50.29	45.54	72.50	47.11	
22	36.52	39.45	1641.86	90.10	109.29	429.78	92.43	78.73	50.29	45.54	53.53	47.11	
23	35.07	70.70	83.22	55.18	94.79	605.50	90.10	78.73	50.29	45.54	50.29	47.11	
24	33.65	47.11	137.52	50.29	67.15	398.26	90.10	74.32	50.29	45.54	48.69	47.11	
25	33.65	37.98	291.39	355.44	58.52	297.04	90.10	70.70	50.29	45.54	45.54	45.54	
26	32.25	32.25	80.96	302.73	56.85	166.34	90.10	67.15	50.29	45.54	45.54	45.54	
27	35.07	30.86	56.85	149.66	56.85	149.66	87.79	67.15	50.29	45.54	45.54	43.99	
28	39.45	30.86	43.99	83.22	53.53	320.00	87.79	63.65	50.29	45.54	45.54	43.99	
29	24.24	28.15	32.25	47.11	48.69	527.46	87.79	61.93	50.29	45.54		43.99	
30	22.98	42.46	25.52	26.83	45.54	614.77	87.79	61.93	48.69	45.54		47.11	
31		669.18		24.24	50.29		87.79		48.69	45.54		72.50	
Total	1207.41	1760.97	5528.87	2044.11	3487.84	20217.91	3457.70	2387.52	1714.41	1451.10	1340.25	1339.67	45937.76 Ton/day
Mean	40.25	56.81	184.30	65.94	112.51	673.93	111.54	79.58	55.30	46.81	47.87	43.22	Ton/day
Max	106.82	669.18	1641.86	355.44	1085.97	5309.01	242.11	97.16	61.93	48.69	72.50	72.50	5309.01 Ton/day
Min	22.98	28.15	25.52	21.74	45.54	56.85	87.79	61.93	48.69	45.54	45.54	39.45	21.74 Ton/day

WATER YEAR : 2005**NAN RIVER BASIN****Lam Nam Khan at Ban Na Pho Na Chan , Phitsanulok (N.59)**

Lat 17 - 01 - 49 N Long 100 - 50 - 35 E

Location : on left bank at Ban Na Chan.

	Ban Na Chan	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	415 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	93		
R-Square	0.7214		
Remarks	Continued Sediment Station		

$$QS = 9.0960 QW^{1.30170}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.19	2.32	22.13	7.47	57.08	49.07	209.69	18.43	13.70	5.09	3.69	3.40	
2	3.88	2.23	8.51	7.25	41.34	52.60	387.07	16.77	6.58	5.19	3.69	3.31	
3	1.73	1.98	3.88	14.10	56.18	418.14	937.53	16.23	7.70	5.09	3.69	3.31	
4	1.82	1.98	3.79	23.89	1038.23	78.76	517.53	72.37	43.03	4.98	3.59	3.31	
5	1.73	1.82	4.38	12.42	129.00	147.46	193.19	39.34	16.23	4.88	3.59	3.31	
6	1.82	1.82	4.48	27.97	662.55	335.39	184.81	35.39	9.33	4.78	3.59	3.22	
7	1.73	1.82	3.40	21.70	131.85	186.48	265.39	30.92	8.28	4.68	3.50	3.22	
8	1.65	1.82	3.03	16.23	88.05	168.33	119.24	30.92	7.70	4.58	3.50	3.12	
9	1.50	1.90	2.76	10.79	51.71	626.95	105.25	33.46	7.25	4.48	3.40	3.12	
10	1.50	2.23	4.88	15.15	34.10	857.23	84.47	30.29	6.91	4.48	3.40	3.12	
11	1.27	1.98	3.50	11.03	817.71	421.88	70.27	23.89	6.80	4.48	3.40	3.12	
12	1.12	1.65	3.12	433.15	1067.44	824.10	60.92	37.35	6.80	4.48	3.79	3.12	
13	3.22	1.98	3.50	133.40	647.24	792.28	57.99	29.67	6.69	4.48	3.98	3.12	
14	72.37	3.79	387.07	724.95	124.64	312.62	77.59	20.40	6.47	4.48	4.28	3.12	
15	3.31	4.98	10.30	69.14	74.49	440.70	60.92	17.04	4.98	4.48	4.28	5.93	
16	3.31	4.48	9.10	49.94	139.61	248.19	44.74	17.59	6.04	4.28	3.98	5.61	
17	3.69	3.03	27.51	19.97	77.59	272.66	38.01	15.69	5.93	4.28	3.79	5.61	
18	7.14	2.32	119.24	14.36	62.95	522.07	32.82	14.36	5.82	4.18	3.69	5.61	
19	3.12	2.06	18.71	11.91	1558.02	1001.82	29.67	13.31	5.82	4.08	3.69	5.61	
20	2.06	23.01	90.47	25.69	1856.69	2043.19	27.51	12.42	5.82	4.08	3.88	8.51	
21	3.31	77.59	121.82	12.54	824.10	2186.35	25.24	12.42	5.93	3.98	8.05	5.40	
22	3.98	32.82	209.69	15.15	3876.42	632.01	23.45	10.79	5.82	3.98	4.48	4.58	
23	80.91	56.18	14.36	755.47	1664.13	373.57	28.43	10.54	5.82	3.98	3.98	3.98	
24	4.28	8.51	1676.03	142.74	350.21	478.91	22.57	10.30	5.61	3.88	3.88	3.50	
25	15.69	11.28	1337.60	211.90	183.15	767.69	21.26	10.18	5.51	3.88	3.69	3.31	
26	14.89	6.15	155.41	117.73	127.69	404.10	20.83	9.81	5.61	3.88	3.59	3.22	
27	304.05	3.88	28.43	459.71	91.68	688.90	19.97	6.47	5.72	3.88	3.40	3.12	
28	6.25	3.12	16.77	309.67	71.23	572.56	19.55	9.57	5.82	3.88	3.40	3.12	
29	4.28	2.58	12.80	243.61	57.08	494.99	36.70	7.14	5.72	3.79		3.03	
30	3.50	3.50	10.54	181.49	54.38	626.95	25.24	11.66	5.61	3.79		5.82	
31		15.42		130.31	45.60		20.83		5.51	3.79		4.88	
Total	560.30	290.23	4317.21	4230.83	16062.14	17025.95	3768.68	624.72	250.56	134.24	108.87	125.76	47499.49 Ton/day
Mean	18.68	9.36	143.91	136.48	518.13	567.53	121.57	20.82	8.08	4.33	3.89	4.06	Ton/day
Max	304.05	77.59	1676.03	755.47	3876.42	2186.35	937.53	72.37	43.03	5.19	8.05	8.51	3876.42 Ton/day
Min	1.12	1.65	2.76	7.25	34.10	49.07	19.55	6.47	4.98	3.79	3.40	3.03	1.12 Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nam Haeng at Ban Hua Mueang, Nan (N.63)

Lat 18 - 21 - 47 N Long 100 - 43 - 40 E

Location : on left bank at the bridge on road, tambon Si Sa Ket.

	Ban	Hua Mueang	Amphoe	Na Noi	Changwat	Nan
Drainage Area	795	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1997-Cont'd					
Actual Measurement	1997-Cont'd					
Using Rating Curve Water Year	1997-2005					
Number of observation	201					
R-Square	0.8881					
Remarks	Continued Sediment Station					

$$QS = 5.2416 QW^{1.56310}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	7.99	6.00	11.68	11.68	15.85	2221.07	2815.97	41.20	15.85	38.14	20.86	20.86		
2	7.99	6.61	15.85	11.68	33.88	128.69	1870.46	38.14	15.85	35.34	24.62	19.80		
3	7.99	10.19	13.25	14.18	20.86	1338.34	1338.34	36.81	15.85	32.45	27.09	18.62		
4	4324.32	10.19	10.19	11.68	20.86	200.13	481.21	33.88	15.85	32.45	28.43	20.86		
5	27.09	4.84	10.19	11.68	18.62	144.59	370.33	33.88	15.85	31.04	31.04	22.09		
6	16.72	4.84	11.68	11.68	20.86	134.97	240.10	33.88	15.01	31.04	33.88	24.62		
7	11.68	4.22	15.85	10.93	23.34	215.24	280.21	33.88	15.01	29.80	33.88	24.62		
8	11.68	7.34	24.62	10.93	35.34	203.79	203.79	32.45	15.01	29.80	28.43	25.77		
9	10.19	6.61	11.68	10.93	27.09	219.00	164.83	27.09	15.01	28.43	25.77	27.09		
10	10.19	6.00	15.85	11.68	27.09	240.10	122.26	27.09	14.18	27.09	27.09	28.43		
11	10.19	6.00	18.62	10.93	20.86	122.26	107.32	27.09	12.46	27.09	24.62	29.80		
12	9.37	6.00	61.85	134.97	171.70	464.62	101.54	24.62	11.68	27.09	24.62	27.09		
13	10.19	6.61	19.80	76.79	3916.36	147.86	110.25	24.62	10.19	27.09	25.77	27.09		
14	10.19	6.00	11.68	28.43	249.92	147.86	104.41	31.04	9.37	27.09	24.62	25.77		
15	7.34	6.00	11.68	23.34	116.20	134.97	87.38	32.45	11.68	27.09	23.34	25.77		
16	7.34	4.84	13.25	15.85	82.03	141.36	66.70	35.34	13.25	27.09	27.09	24.62		
17	6.00	4.84	14.18	13.25	131.81	647.12	59.28	33.88	16.72	28.43	23.34	23.34		
18	4.84	4.84	15.85	12.46	280.21	8291.73	59.28	33.88	20.86	31.04	24.62	22.09		
19	4.84	4.84	20.86	11.68	489.16	7416.46	52.37	29.80	19.80	33.88	25.77	20.86		
20	4.84	4.84	41.20	107.32	189.28	7106.88	50.13	27.09	20.86	33.88	25.77	19.80		
21	4.84	6.00	79.39	35.34	116.20	5809.12	50.13	27.09	20.86	31.04	24.62	18.62		
22	4.84	15.01	24.62	20.86	54.64	548.77	47.93	24.62	23.34	31.04	22.09	15.01		
23	4.84	6.61	11.68	113.21	41.20	464.62	50.13	24.62	23.34	27.09	20.86	16.72		
24	3.70	6.00	27.09	147.86	54.64	440.13	47.93	22.09	24.62	24.62	20.86	19.80		
25	3.70	3.41	20.86	178.66	31.04	244.99	38.14	22.09	27.09	24.62	19.80	18.62		
26	6.00	2.93	22.09	254.88	27.09	171.70	33.88	20.86	29.80	24.62	18.62	16.72		
27	5.41	15.85	14.18	54.64	44.17	178.66	41.20	20.86	42.59	24.62	18.62	15.01		
28	4.84	11.68	13.25	33.88	575.25	17543.42	44.17	19.80	50.13	23.34	19.80	12.46		
29	4.84	15.85	12.46	20.86	41.20	2863.44	41.20	18.62	45.77	23.34		13.25		
30	4.84	41.20	11.68	17.72	28.43	4715.27	41.20	16.72	41.20	22.09		15.01		
31		138.15		16.72	254.88		41.20		41.20	20.86		19.80		
Total	4558.83	384.34	607.11	1446.70	7160.06	62647.16	9163.27	855.48	670.28	882.63	695.92	660.01	89731.80	Ton/day
Mean	151.96	12.40	20.24	46.67	230.97	2088.24	295.59	28.52	21.62	28.47	24.85	21.29		Ton/day
Max	4324.32	138.15	79.39	254.88	3916.36	17543.42	2815.97	41.20	50.13	38.14	33.88	29.80	17543.42	Ton/day
Min	3.70	2.93	10.19	10.93	15.85	122.26	33.88	16.72	9.37	20.86	18.62	12.46	2.93	Ton/day

WATER YEAR : 2005**Nan RIVER BASIN****Nam Yao at Ban Pang Sa , Nan (N.65)**

Lat 19 - 13 - 47 N Long 100 - 45 - 27 E

Location : on right bank at the bridge on highway.

	Ban Pang Sa	Amphoe	Tha Wang Pha	Changwat	Nan
Drainage Area	621 sq.km.				
Method of sampling	Depth Integrating				
Instrument Used	US.D-49				
Period of Available Records	1997-Cont'd				
Actual Measurement	1997-Cont'd				
Using Rating Curve Water Year	1997-2005				
Number of observation	201				
R-Square	0.8595				
Remarks	Continued Sediment Station				

$$QS = 1.2410 QW^{1.58330}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.32	2.36	7.83	11.14	270.71	277.88	1509.02	110.14	34.72	20.07	11.14	7.83	
2	4.32	11.14	5.63	9.43	249.59	242.69	783.53	82.83	34.72	18.45	11.14	7.83	
3	4.32	5.63	10.27	20.07	171.67	1343.05	577.28	72.02	34.72	18.45	11.14	7.83	
4	6.34	4.32	10.27	13.90	125.92	543.66	457.70	72.02	34.72	18.45	11.14	7.07	
5	8.62	3.43	7.83	18.45	115.31	369.28	385.42	72.02	34.72	18.45	10.27	7.07	
6	5.63	3.43	32.08	23.45	79.17	222.43	330.04	72.02	34.72	18.45	10.27	7.07	
7	4.96	2.88	21.74	12.50	75.56	554.78	285.13	72.02	34.72	16.88	10.27	6.34	
8	4.96	3.15	16.88	11.14	86.55	1682.00	229.11	75.56	32.08	16.88	10.27	5.63	
9	3.72	2.88	16.88	11.14	72.02	646.73	222.43	72.02	32.08	15.37	10.27	5.63	
10	3.72	7.07	52.14	11.14	58.50	437.07	202.83	75.56	32.08	15.37	10.27	5.63	
11	3.72	3.72	72.02	7.83	55.29	410.11	190.13	72.02	29.51	15.37	10.27	5.63	
12	3.43	3.72	75.56	7.83	72.02	634.95	177.74	72.02	29.51	15.37	9.43	5.63	
13	3.43	3.15	6.34	18.45	10092.17	418.47	202.83	68.55	27.03	15.37	9.43	5.63	
14	3.43	3.72	8.62	43.10	1821.26	299.83	177.74	61.78	27.03	13.90	9.43	5.63	
15	3.43	2.88	7.07	46.04	936.53	521.66	159.74	58.50	25.22	13.90	9.43	5.63	
16	3.43	2.61	11.14	55.29	426.89	235.87	148.14	58.50	25.22	13.90	8.62	5.63	
17	3.43	2.36	10.27	27.03	489.29	222.43	136.86	58.50	25.22	13.90	8.62	5.63	
18	3.15	2.36	9.43	37.44	543.66	202.83	131.35	55.29	23.45	13.90	8.62	4.96	
19	2.88	2.11	7.07	29.51	554.78	202.83	131.35	55.29	23.45	13.90	8.62	4.96	
20	2.88	2.61	5.63	29.51	457.70	345.54	177.74	49.06	21.74	13.90	8.62	4.96	
21	2.88	11.14	8.62	29.51	369.28	401.82	115.31	46.04	21.74	13.90	8.62	4.96	
22	2.88	5.63	171.67	249.59	1201.60	270.71	100.06	46.04	21.74	12.50	8.62	4.96	
23	3.72	4.32	55.29	86.55	410.11	202.83	95.15	43.10	21.74	12.50	7.83	4.32	
24	3.72	4.96	437.07	426.89	468.14	202.83	90.34	43.10	21.74	12.50	7.83	4.32	
25	2.88	2.88	65.13	577.28	307.28	202.83	90.34	43.10	21.74	12.50	8.62	4.32	
26	2.88	3.15	52.14	468.14	532.62	202.83	90.34	40.24	21.74	12.50	7.83	4.32	
27	3.15	3.72	40.24	165.66	314.80	196.44	90.34	40.24	32.08	12.50	7.83	4.32	
28	2.88	3.43	15.37	125.92	719.03	1253.96	82.83	40.24	27.03	12.50	7.83	4.32	
29	2.61	3.72	61.78	86.55	361.30	1585.04	82.83	40.24	25.22	11.14		4.32	
30	2.61	4.32	16.88	68.55	307.28	1434.38	115.31	37.44	21.74	11.14		23.45	
31		7.83		55.29	307.28		90.34		20.07	11.14		27.03	
Total	114.33	130.63	1318.89	2784.32	22053.31	15767.76	7659.30	1805.50	853.24	455.05	262.28	212.86	53417.47 Ton/day
Mean	3.81	4.21	43.96	89.82	711.40	525.59	247.07	60.18	27.52	14.68	9.37	6.87	Ton/day
Max	8.62	11.14	437.07	577.28	10092.17	1682.00	1509.02	110.14	34.72	20.07	11.14	27.03	10092.17 Ton/day
Min	2.61	2.11	5.63	7.83	55.29	196.44	82.83	37.44	20.07	11.14	7.83	4.32	2.11 Ton/day

WATER YEAR : 2005**NAN RIVER BASIN****Huai Om Sing at Ban Noen Phoem , Phitsanulok (N.66)**

Lat 17 - 07 - 22 N Long 100 - 53 - 58 E

Location : on right bank at Ban Noen Phoem.

	Ban Noen Phoem	Amphoe Nakhon Thai	Changwat Phitsanulok
Drainage Area	152 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	80		
R-Square	0.8009		
Remarks	Continued Sediment Station		

$$QS = 10.5470 QW^{1.52160}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.27	0.47	2.42	3.67	22.39	93.64	118.39	6.95	3.67	2.23	1.05	1.05	
2	0.32	0.47	13.92	2.92	25.58	18.18	95.34	6.67	3.67	1.95	1.05	1.05	
3	0.42	0.84	1.60	2.82	29.59	25.58	67.29	5.87	3.45	1.69	1.05	1.05	
4	0.42	0.47	1.05	2.52	26.89	171.45	63.69	6.13	3.45	1.60	1.05	1.05	
5	0.98	0.37	16.84	27.56	13.57	332.04	47.00	7.23	3.34	1.52	1.05	1.05	
6	1.60	0.32	1.77	56.69	16.09	42.27	41.24	12.19	3.34	1.52	1.05	1.05	
7	0.78	0.84	0.91	45.93	13.22	40.47	37.71	8.38	3.13	1.60	1.05	1.05	
8	0.78	8.68	0.65	5.10	19.94	536.04	43.04	15.36	3.13	1.52	1.05	1.05	
9	0.65	0.98	1.36	3.45	12.19	938.32	27.56	16.46	2.92	1.44	1.05	1.05	
10	0.53	0.65	1.44	3.67	9.29	404.12	26.89	11.52	2.92	1.44	1.05	1.05	
11	0.53	0.47	0.84	1.95	151.02	165.23	23.02	8.68	2.82	1.44	1.13	1.05	
12	0.47	0.42	0.59	69.72	22.39	177.75	21.15	7.80	2.82	1.52	1.28	1.05	
13	0.42	0.42	1.13	102.25	17.60	311.83	19.94	8.09	2.72	1.52	1.77	1.05	
14	0.47	0.42	107.54	349.47	15.72	90.27	26.23	6.40	2.72	1.36	2.52	1.05	
15	0.59	0.42	2.92	23.65	12.87	175.64	17.60	6.40	2.52	1.52	3.13	1.05	
16	0.42	0.37	37.71	10.87	16.46	391.31	15.72	6.95	2.52	1.44	3.67	1.05	
17	0.42	0.37	495.25	7.23	11.86	125.83	14.27	5.87	2.42	1.52	3.13	1.05	
18	0.37	0.32	289.07	5.10	17.60	78.81	13.57	5.35	2.42	1.44	2.82	1.05	
19	0.32	0.98	64.88	4.13	224.43	292.07	12.53	4.85	2.23	1.44	1.60	1.05	
20	0.71	7.80	153.02	12.53	495.25	611.80	11.52	4.48	2.23	1.36	2.04	1.05	
21	6.13	0.98	74.06	45.14	93.64	1585.30	10.87	4.48	2.04	1.36	4.36	15.72	
22	0.98	0.78	112.92	85.29	109.33	545.94	10.23	4.36	2.04	1.36	8.98	2.92	
23	0.71	0.91	11.86	86.94	51.08	325.25	10.23	4.36	2.04	1.36	4.13	2.04	
24	0.59	0.71	728.29	24.93	30.28	241.59	9.29	4.13	2.23	1.28	2.92	1.60	
25	0.53	0.59	102.25	216.25	21.77	153.02	8.68	3.90	2.72	1.36	2.04	1.44	
26	0.53	0.47	21.15	69.72	16.84	137.26	8.98	3.90	2.42	1.20	1.69	1.52	
27	3.34	0.37	11.20	63.69	15.72	97.05	8.68	3.90	2.52	1.13	1.36	1.36	
28	1.05	0.27	7.80	28.23	13.22	97.05	8.09	3.79	2.52	1.05	1.05	1.28	
29	0.71	0.27	6.40	20.55	11.52	85.29	8.09	3.67	2.42	1.05		1.20	
30	0.59	3.13	6.13	26.89	9.91	72.50	7.80	3.67	2.23	1.05		3.67	
31		2.04		120.24	15.72		7.80		2.23	1.05		17.22	
Total	26.63	36.60	2276.97	1529.10	1562.98	8362.90	842.44	201.79	83.85	44.32	60.12	70.97	15098.67 Tonday
Mean	0.89	1.18	75.90	49.33	50.42	278.76	27.18	6.73	2.70	1.43	2.15	2.29	41.58 Ton/day
Max	6.13	8.68	728.29	349.47	495.25	1585.30	118.39	16.46	3.67	2.23	8.98	17.22	1585.30 Ton/day
Min	0.27	0.27	0.59	1.95	9.29	18.18	7.80	3.67	2.04	1.05	1.05	1.05	0.27 Ton/day

WATER YEAR : 2005

NAN RIVER BASIN

Nan River at Ban Koei Chai, Nakhon Sawan (N.67)

Lat 15 - 52 - 05 N Long 100 - 16 - 07 E

Location : on right bank at the bridge near Wat Koei Chai Nua

	Ban Koei Chai	Amphoe Chum Saeng	Changwat Nakhon Sawan
Drainage Area	57,384 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	25		
R-Square	0.8226		
Remarks	Continued Sediment Station		

$$QS = 11.8750 QW^{0.95810}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1296.90	1096.10	1062.50	1645.30	5100.30	2887.60	10311.90	6209.90	2553.80	2271.60	1667.30	2149.40		
2	1240.40	1096.10	1014.70	1393.20	4679.70	2799.80	10408.30	5868.60	3493.40	2372.70	1649.00	1954.10		
3	1206.90	1062.50	1042.80	1100.70	4222.30	3062.70	10408.30	5592.40	2102.20	2433.20	1629.70	1954.10		
4	1240.40	1010.10	1033.50	851.20	3725.50	3980.00	10344.00	5341.80	2092.20	2402.50	1620.60	2046.80		
5	1285.80	1071.80	976.30	725.20	3701.60	4741.90	10183.20	5137.00	1963.20	2352.00	1583.80	2055.90		
6	1353.40	1172.50	885.10	637.50	3898.80	4964.10	10070.50	5112.50	1945.00	2301.40	1527.80	2074.10		
7	1550.70	1206.90	710.90	546.40	3678.60	5341.80	9941.70	5161.40	1991.40	2139.40	1472.50	2120.30		
8	1606.80	1212.50	598.30	519.40	3400.20	5776.60	9847.60	5223.30	1898.50	2111.30	1403.30	1973.20		
9	1556.30	1189.30	534.80	764.10	3073.40	5789.60	9723.80	5368.80	1714.00	2261.60	1463.30	1833.80		
10	1477.10	1178.10	499.20	1071.80	2689.50	6549.60	9539.60	5723.60	1564.50	2170.20	1685.70	1917.70		
11	1376.50	1121.30	471.10	1218.10	2382.70	7690.10	9308.50	5868.60	1583.80	1862.10	1806.40	1963.20		
12	1218.10	1081.10	483.70	1398.70	2220.90	8551.30	9015.00	5776.60	1806.40	1611.40	1945.00	2018.70		
13	1096.10	1057.80	602.10	1263.60	2261.60	8952.80	8741.50	5671.50	1833.80	1593.00	2055.90	2111.30		
14	1085.80	995.10	645.20	1053.10	2322.20	9200.50	8595.70	5618.50	1658.20	1620.60	2160.20	2092.20		
15	1100.70	1010.10	695.70	1314.60	2433.20	9431.70	8435.30	5645.40	1308.10	1714.00	1991.40	2009.60		
16	1014.70	1132.50	889.80	2378.20	2755.90	9508.20	8318.30	5605.50	1395.00	1714.00	1852.90	2009.60		
17	894.50	1161.30	1161.30	3113.60	3167.10	9508.20	8245.60	5474.20	1704.00	1638.90	1973.20	2220.90		
18	841.70	1121.30	1336.80	2495.30	3632.60	9585.40	8099.40	5354.90	1871.20	1573.70	2180.20	2271.60		
19	851.20	1121.30	1527.80	1790.90	3968.50	9739.90	7967.70	5447.20	1973.20	1527.80	2332.10	2261.60		
20	846.40	1263.60	1993.20	1309.00	4175.70	9723.80	7719.30	5315.70	1852.90	1667.30	2392.60	2281.50		
21	880.40	1314.60	2454.80	1024.10	4432.40	9755.20	7455.10	4951.90	1871.20	1806.40	2332.10	2160.20		
22	1033.50	1314.60	2508.80	1062.50	5124.80	9957.80	7249.80	4543.90	1750.60	1759.80	2230.90	1898.50		
23	1076.50	1296.90	2603.30	1218.10	5566.40	10247.50	7146.70	4141.30	1638.90	1694.80	2190.10	1658.20		
24	1115.70	1223.70	3028.80	1325.70	5500.30	10392.20	7191.40	3898.80	1629.70	1602.20	2322.20	1685.70		
25	1144.60	1183.70	3469.40	1539.70	5211.10	10424.40	7102.80	3644.10	1638.90	1472.50	2413.30	1815.50		
26	1076.50	1212.50	3069.00	1872.10	4877.60	10408.30	6902.20	3377.10	1759.80	1499.20	2423.30	1843.80		
27	990.40	1296.90	2522.30	2368.20	4655.20	10360.10	6615.20	3096.60	1704.00	1546.20	2382.70	1917.70		
28	923.70	1336.80	2179.30	3011.80	4370.00	10279.70	6536.60	3073.40	1583.80	1583.80	2291.50	1917.70		
29	956.60	1359.00	1947.70	4223.20	4025.90	10247.50	6497.80	2942.10	1658.20	1593.00		1779.00		
30	1048.40	1302.50	1797.30	5381.90	3574.10	10215.40	6393.20	2799.80	1973.20	1667.30		1658.20		
31		1223.70		5434.10	3108.20		6274.80		2180.20	1714.00		1732.30		
Total	34386.70	36426.20	43745.50	55051.30	117936.30	240073.70	260590.80	146986.40	57693.30	57277.90	54979.00	61386.40	1166533.50	Ton/day
Mean	1146.20	1175.00	1458.20	1775.80	3804.40	8002.50	8406.20	4899.50	1861.10	1847.70	1963.50	1980.20		Ton/day
Max	1606.80	1359.00	3469.40	5434.10	5566.40	10424.40	10408.30	6209.90	3493.40	2433.20	2423.30	2281.50	10424.40	Ton/day
Min	841.70	995.10	471.10	519.40	2220.90	2799.80	6274.80	2799.80	1308.10	1472.50	1403.30	1658.20	471.10	Ton/day

WATER YEAR : 2005

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Khai Chira Prawat, Nakhon Sawan (C.2)

Lat 15 - 40 - 15 N Long 100 - 06 - 49 E

Location : on left bank at Ban Phai Lom

	Ban Phai Lom	Amphoe Mueang	Changwat	Nakhon Sawan
Drainage Area	109,973 sq.km.			
Method of sampling	Depth Integrating			
Instrument Used	US.D-49			
Period of Available Records	1956-Cont'd			
Actual Measurement	1956-Cont'd			
Using Rating Curve Water Year	2005			
Number of observation	27			
R-Square	0.7235			
Remarks	Continued Sediment Station			

QS = 5.6284 QW^{1.08850}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	37.97	31.03	35.14	48.00	67.25	47.80	177.83	100.60	46.99	40.55	39.15	39.75	
2	37.21	31.77	34.58	44.17	64.02	45.17	183.79	94.87	44.57	41.75	37.59	37.59	
3	36.65	31.40	35.14	36.65	60.10	45.78	185.58	91.30	41.55	41.75	37.97	36.08	
4	37.02	29.73	36.45	31.03	55.64	53.30	186.18	90.01	38.15	41.35	37.97	37.02	
5	38.55	30.47	35.52	26.80	52.48	62.87	187.38	87.85	37.59	41.15	37.59	37.40	
6	42.56	33.27	33.27	23.84	52.89	65.87	191.57	88.46	37.59	40.95	37.02	37.40	
7	47.40	33.82	29.73	22.20	51.86	69.18	195.77	90.01	36.08	39.95	34.39	37.78	
8	49.02	33.82	26.13	22.86	49.42	72.62	198.78	92.27	35.14	40.55	31.58	35.52	
9	47.60	33.27	24.65	24.82	46.78	76.83	197.58	90.33	32.89	41.15	31.77	34.39	
10	45.38	34.21	24.98	29.36	42.36	83.65	191.57	93.90	32.33	40.55	33.45	34.95	
11	42.36	31.96	24.00	34.95	38.96	95.85	187.38	95.52	32.33	36.83	34.39	35.70	
12	38.55	31.40	23.51	38.96	37.02	114.03	181.41	94.22	33.82	34.21	35.70	35.70	
13	35.52	31.58	25.14	38.75	35.70	124.89	173.67	92.92	34.58	33.27	37.02	36.83	
14	34.39	29.92	26.80	34.95	35.33	128.78	166.57	92.92	34.58	33.64	38.55	36.83	
15	34.01	28.25	26.96	37.21	36.65	134.09	164.35	96.95	29.73	34.95	37.02	34.95	
16	32.15	30.47	29.73	47.60	37.97	144.97	163.79	97.68	28.99	35.14	34.76	35.33	
17	29.92	33.07	37.78	58.07	41.95	155.53	162.12	96.58	32.89	34.76	36.08	37.59	
18	27.52	33.07	42.76	56.52	47.60	175.45	155.53	94.87	36.65	33.07	38.96	37.97	
19	26.96	33.27	47.80	51.86	52.48	184.99	151.21	98.41	37.97	31.96	40.55	38.35	
20	27.14	35.14	53.50	41.35	56.31	183.79	144.02	99.50	35.14	33.45	41.95	38.96	
21	27.88	37.02	61.26	34.01	59.42	181.41	137.33	93.90	34.58	35.33	42.36	38.15	
22	31.03	37.59	64.71	32.89	65.40	182.60	132.24	84.55	33.64	37.59	40.75	35.33	
23	31.96	36.83	68.44	35.33	73.12	183.20	128.78	74.60	33.45	38.35	40.55	33.45	
24	32.15	36.08	73.37	37.59	74.60	181.41	125.75	68.93	36.26	36.83	41.75	33.45	
25	34.21	34.95	75.34	40.75	73.37	180.80	123.59	65.17	36.26	33.82	42.96	33.64	
26	33.82	34.39	72.38	45.38	70.15	182.01	118.47	60.34	37.02	34.39	43.77	32.89	
27	30.28	36.83	65.40	51.46	66.56	181.41	113.22	56.08	35.89	37.02	43.16	32.89	
28	28.61	37.97	58.29	57.40	62.40	180.21	110.00	54.32	34.58	38.15	43.16	32.70	
29	29.73	38.15	51.66	62.63	59.65	177.83	107.17	52.08	32.33	37.40		31.77	
30	30.10	37.59	48.61	65.64	54.76	176.64	106.37	49.63	34.01	40.75		31.58	
31		36.65		67.02	50.23		103.16		38.55	41.35		32.15	
Total	1057.65	1044.97	1293.03	1280.05	1672.43	3872.96	4852.16	2538.77	1106.13	1161.96	1071.92	1104.09	22056.12 100Ton/day
Mean	35.26	33.71	43.10	41.29	53.95	129.10	156.52	84.63	35.68	37.48	38.28	35.62	Ton/day
Max	49.02	38.15	75.34	67.02	74.60	184.99	198.78	100.60	46.99	41.75	43.77	39.75	198.78 Ton/day
Min	26.96	28.25	23.51	22.20	35.33	45.17	103.16	49.63	28.99	31.96	31.58	31.58	22.20 Ton/day

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban Pang Makha, Kamphaeng Phet (Ct.5A)

Lat 15 - 55 - 33 N Long 99 - 30 - 22 E

Location : on left bank behind Wat Pang Makha.

	Ban	Pang Makha	Amphoe	Khanu Worakabsaburi	Changwat	Kamphaeng Phet
Drainage Area	977	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1969-Cont'd					
Actual Measurement	1969-Cont'd					
Using Rating Curve Water Year	2005					
Number of observation	30					
R-Square	0.8717					
Remarks	Continued Sediment Station					

$$QS = 6.0051 QW^{1.08750}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.49	0.49	42.91	4.07	19.12	4.71	154.40	82.28	22.72	7.99	3.45	2.22	
2	0.49	0.49	15.56	3.45	19.83	5.35	95.26	69.47	20.55	7.32	3.45	2.22	
3	0.00	0.49	39.10	2.83	23.45	4.07	109.20	60.77	19.12	6.66	2.83	1.62	
4	226.81	1.04	18.40	2.83	19.12	4.71	595.43	83.90	18.40	6.66	2.83	1.62	
5	182.58	2.22	10.69	9.33	16.27	5.35	292.23	328.11	17.69	6.66	2.83	1.62	
6	49.06	1.62	6.66	3.45	18.40	5.35	213.72	550.20	16.97	6.01	2.83	1.62	
7	22.72	1.04	4.07	3.45	18.40	16.27	132.48	209.37	17.69	6.01	2.83	1.62	
8	14.15	0.49	22.72	8.66	17.69	23.45	134.16	137.52	17.69	11.38	2.83	1.62	
9	7.99	0.49	13.46	4.07	16.27	75.05	143.41	205.03	16.27	22.72	2.22	1.62	
10	4.71	0.49	10.01	3.45	14.86	82.28	1038.08	158.64	14.86	20.55	2.22	3.45	
11	3.45	0.49	6.01	2.83	14.15	169.72	345.26	139.20	14.86	20.55	2.22	4.71	
12	2.22	0.49	4.71	2.83	12.76	90.38	199.83	619.10	14.86	19.83	2.22	4.71	
13	3.45	1.04	3.45	32.32	13.46	119.97	458.80	219.82	13.46	19.12	2.22	3.45	
14	2.22	1.62	3.45	34.57	12.76	101.80	1145.28	135.84	12.76	19.12	2.83	3.45	
15	33.81	2.22	2.83	88.75	13.46	398.04	833.23	107.56	11.38	6.01	2.83	2.83	
16	8.66	4.71	2.83	51.39	11.38	1077.68	387.99	172.29	10.69	7.32	2.83	2.83	
17	11.38	4.71	2.83	39.10	10.69	505.27	255.82	189.46	10.01	6.01	10.01	2.83	
18	7.32	3.45	3.45	14.86	9.33	427.41	182.58	247.88	9.33	5.35	4.07	2.83	
19	6.66	20.55	2.83	8.66	10.01	328.11	140.88	143.41	9.33	4.71	2.83	2.22	
20	4.07	4.07	14.86	6.66	12.07	185.16	117.48	100.16	9.33	4.71	2.83	2.83	
21	2.83	357.95	226.81	4.07	10.69	126.63	92.00	82.28	9.33	4.71	3.45	2.83	
22	2.22	75.05	85.51	3.45	10.69	95.26	77.46	67.88	9.33	4.71	3.45	2.83	
23	2.22	32.32	67.88	2.83	11.38	79.06	66.29	58.41	9.33	4.07	3.45	5.35	
24	1.62	23.45	18.40	2.83	10.69	70.27	55.28	49.06	9.33	4.07	2.83	4.07	
25	1.62	19.83	11.38	6.01	10.69	176.57	52.94	43.68	9.33	4.07	2.83	3.45	
26	1.62	51.39	8.66	24.18	7.99	98.53	48.29	39.10	8.66	4.07	2.83	2.83	
27	2.83	29.34	7.99	36.07	6.66	66.29	297.59	34.57	9.33	4.07	2.83	2.22	
28	1.62	14.15	5.35	42.15	7.99	47.52	277.08	31.57	9.33	4.07	2.22	2.22	
29	1.62	8.66	4.71	30.82	6.66	70.27	189.46	28.60	7.99	4.07		2.83	
30	1.04	6.01	4.07	26.38	5.35	158.64	123.29	25.65	7.99	3.45		2.83	
31		4.07		21.28	4.71		101.80		7.99	3.45		2.83	
Total	611.48	674.43	671.59	527.63	396.98	4619.17	8357.00	4420.81	395.91	259.50	87.10	86.21	21107.81 Tonday
Mean	20.38	21.76	22.39	17.02	12.81	153.97	269.58	147.36	12.77	8.37	3.11	2.78	Ton/day
Max	226.81	357.95	226.81	88.75	23.45	1077.68	1145.28	619.10	22.72	22.72	10.01	5.35	1145.28 Ton/day
Min	0.00	0.49	2.83	2.83	4.71	4.07	48.29	25.65	7.99	3.45	2.22	1.62	0.00 Ton/day

WATER YEAR : 2005

SAKAE KRANG RIVER BASIN

Khlong Pho at Ban Mai Khlong Charoen, Nakhon Sawan (Ct.7)

Lat 15 - 38 - 24 N Long 99 - 32 - 24 E

Location : on right bank at Ban Mai Khlong Charoen.

	Ban Mai Khlong Charoen	Amphoe Mae Poen	Changwat Nakhon Sawan
Drainge Area	453	sq.km.	
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	131		
R-Square	0.8746		
Remarks	Continued Sediment Station		

$$QS = 8.3985 QW^{1.34590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.45	2.45	3.30	4.22	5.20	11.96	219.55	47.09	10.73	3.30	4.22	1.66		
2	2.45	2.45	6.22	4.22	5.20	28.83	79.25	35.20	9.55	3.30	4.22	1.66		
3	5.20	1.66	6.22	3.30	5.20	52.45	65.49	28.83	11.96	3.30	4.22	0.96		
4	33.58	2.45	5.20	3.30	5.20	79.25	246.10	30.39	8.40	3.30	4.22	0.96		
5	216.94	2.45	4.22	3.30	4.22	40.19	470.25	89.47	8.40	3.30	4.22	0.96		
6	52.45	2.45	4.22	3.30	4.22	22.80	292.94	404.71	8.40	3.30	4.22	0.96		
7	28.83	1.66	4.22	3.30	4.22	22.80	149.66	140.26	8.40	3.30	4.22	0.96		
8	17.15	1.66	3.30	3.30	4.22	159.22	83.30	75.25	7.29	3.30	3.30	0.96		
9	11.96	1.66	3.30	3.30	4.22	181.26	89.47	65.49	7.29	3.30	2.45	0.96		
10	9.55	1.66	6.22	3.30	4.22	327.22	1017.07	50.64	7.29	3.30	1.66	0.96		
11	8.40	1.66	5.20	2.45	4.22	188.76	315.69	83.30	6.22	3.30	1.66	0.96		
12	7.29	1.66	4.22	5.20	3.30	117.47	124.19	152.03	6.22	3.30	1.66	0.96		
13	11.96	1.66	4.22	21.35	3.30	95.76	97.88	108.65	6.22	3.30	1.66	0.96		
14	8.40	1.66	4.22	48.86	3.30	89.47	499.10	57.95	6.22	3.30	1.66	0.96		
15	7.29	1.66	4.22	166.48	3.30	660.01	1001.59	36.84	6.22	3.30	1.66	0.96		
16	6.22	0.96	3.30	304.26	3.30	2021.19	256.93	35.20	6.22	3.30	1.66	0.96		
17	5.20	2.45	5.20	93.65	2.45	591.57	115.24	102.15	5.20	3.30	1.66	9.55		
18	5.20	1.66	4.22	36.84	2.45	1036.51	75.25	262.39	5.20	2.45	1.66	0.00		
19	5.20	1.66	6.22	22.80	2.45	448.12	48.86	102.15	5.20	2.45	1.66	0.00		
20	5.20	1.66	5.20	15.81	2.45	168.92	36.84	59.81	5.20	2.45	1.66	0.00		
21	4.22	14.49	14.49	10.73	2.45	93.65	30.39	40.19	5.20	2.45	1.66	0.00		
22	4.22	7.29	69.36	9.55	2.45	71.31	24.27	31.97	5.20	2.45	1.66	0.00		
23	3.30	6.22	22.80	8.40	3.30	57.95	19.92	25.77	5.20	2.45	1.66	0.00		
24	3.30	5.20	11.96	7.29	5.20	38.51	18.53	21.35	4.22	2.45	1.66	0.00		
25	3.30	4.22	9.55	8.40	5.20	137.93	15.81	18.53	4.22	2.45	1.66	0.00		
26	3.30	4.22	7.29	8.40	4.22	83.30	18.53	15.81	4.22	2.45	1.66	0.00		
27	2.45	3.30	6.22	7.29	4.22	48.86	171.37	13.21	4.22	2.45	1.66	0.00		
28	2.45	3.30	5.20	7.29	11.96	65.49	554.76	13.21	4.22	2.45	1.66	0.00		
29	2.45	3.30	5.20	6.22	30.39	89.47	368.42	11.96	4.22	2.45	0.00	0.00		
30	2.45	3.30	4.22	6.22	17.15	164.05	137.93	10.73	4.22	2.45	0.00	0.00		
31	0.00	3.30	0.00	6.22	11.96	0.00	75.25	0.00	4.22	2.45	0.00	0.00		
Total	482.36	95.38	248.93	838.55	175.14	7194.28	6719.83	2170.53	195.19	90.40	66.83	26.31	18303.73	Ton
Mean	16.08	3.08	8.30	27.05	5.65	239.81	216.77	72.35	6.30	2.92	2.39	1.55	50.19	
Max	216.94	14.49	69.36	304.26	30.39	2021.19	1017.07	404.71	11.96	3.30	4.22	9.55	2021.19	
Min	2.45	0.96	3.30	2.45	2.45	11.96	15.81	10.73	4.22	2.45	1.66	0.96	0.96	

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Pa , Saraburi (S.9)

Lat 14 - 37 - 39 N Long 101 - 01 - 02 E

Location : on left bank at Ban Mueang Nua railway bridge.

	Ban Pa	Amphoe	Kaeng Khoi	Changwat	Saraburi
Drainage Area	14,233 sq.km.				
Method of sampling	Depth Integrating				
Instrument Used	US.D-49				
Period of Available Records	1978-Cont'd				
Actual Measurement	1978-Cont'd				
Using Rating Curve Water Year	1978-2005				
Number of observation	369				
R-Square	0.8010				
Remarks	Continued Sediment Station				

$$QS = 2.8253 QW^{1.29450}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	249.87	385.59	179.44	111.48	91.66	52.09	707.76	91.66	167.31	121.70	291.16	463.35	
2	244.82	385.59	171.02	143.65	65.95	43.73	820.18	88.44	167.31	121.70	291.16	477.40	
3	244.82	319.82	154.47	94.08	78.17	97.34	949.95	88.44	167.31	121.70	302.76	463.35	
4	244.82	265.19	147.23	94.08	60.76	128.64	602.99	83.67	167.31	121.70	378.89	463.35	
5	234.77	260.06	140.08	125.16	114.86	80.52	385.59	108.95	167.31	121.70	512.94	463.35	
6	221.86	254.96	133.01	111.48	54.23	38.36	204.26	541.78	167.31	121.70	595.57	463.35	
7	213.02	254.96	128.64	106.44	52.09	83.67	159.02	291.16	167.31	118.27	422.92	477.40	
8	195.58	254.96	125.16	75.85	49.97	86.05	140.08	254.96	140.08	118.27	366.67	484.46	
9	179.44	254.96	133.01	97.34	47.87	99.81	118.27	254.96	128.64	118.27	417.21	564.86	
10	179.44	270.34	136.54	99.81	88.44	94.08	111.48	260.06	118.27	118.27	429.79	580.78	
11	179.44	330.58	136.54	99.81	39.69	80.52	103.11	174.75	111.48	78.17	429.79	650.49	
12	179.44	349.07	121.70	97.34	15.91	97.34	99.81	154.47	128.64	99.81	349.07	724.51	
13	179.44	280.71	121.70	133.01	68.21	94.08	97.34	179.44	125.16	128.64	360.05	767.43	
14	179.44	249.87	108.95	111.48	70.48	410.39	191.76	159.02	125.16	143.65	403.59	557.55	
15	179.44	225.81	97.34	118.27	43.73	1265.52	385.59	154.47	125.16	171.02	477.40	534.53	
16	179.44	225.81	97.34	108.95	60.76	602.99	167.31	183.21	125.16	221.86	477.40	534.53	
17	179.44	221.86	103.11	97.34	249.87	249.87	106.44	187.95	125.16	221.86	463.35	534.53	
18	179.44	244.82	106.44	97.34	342.52	167.31	111.48	275.51	121.70	204.26	396.82	534.53	
19	174.75	342.52	106.44	83.67	378.89	162.69	103.11	313.40	118.27	167.31	396.82	520.11	
20	179.44	349.07	106.44	70.48	125.16	249.87	88.44	512.94	118.27	171.02	422.92	520.11	
21	265.19	291.16	99.81	70.48	54.23	239.78	47.87	285.92	118.27	244.82	498.65	491.54	
22	265.19	216.94	99.81	75.85	52.09	204.26	37.04	187.95	118.27	319.82	484.46	491.54	
23	270.34	179.44	97.34	83.67	106.44	187.95	19.80	171.02	118.27	313.40	505.78	484.46	
24	265.19	171.02	99.81	86.05	118.27	171.02	26.89	450.55	118.27	297.48	505.78	484.46	
25	260.06	147.23	99.81	49.97	154.47	154.47	28.11	302.76	118.27	337.08	505.78	564.86	
26	204.26	147.23	99.81	62.97	136.54	154.47	45.79	187.95	118.27	443.61	491.54	619.15	
27	183.21	147.23	99.81	73.54	62.97	140.08	114.86	171.02	133.01	417.21	484.46	626.64	
28	249.87	143.65	99.81	68.21	58.56	191.76	108.95	154.47	128.64	417.21	477.40	626.64	
29	280.71	143.65	99.81	68.21	54.23	319.82	171.02	150.84	125.16	436.69		724.51	
30	373.33	820.18	99.81	58.56	60.76	403.59	97.34	167.31	125.16	436.69		527.31	
31		265.19		88.44	49.97		94.08		125.16	308.07		750.46	
Total	6615.50	8399.47	3550.23	2863.01	3007.75	6352.07	6445.72	6589.03	4129.07	6782.96	12140.13	17171.54	84046.49 Tonday
Mean	220.52	270.95	118.34	92.36	97.02	211.74	207.93	219.63	133.20	218.81	433.58	553.92	Ton/day
Max	373.33	820.18	179.44	143.65	378.89	1265.52	949.95	541.78	167.31	443.61	595.57	767.43	1265.52 Ton/day
Min	174.75	143.65	97.34	49.97	15.91	38.36	19.80	83.67	111.48	78.17	291.16	463.35	15.91 Ton/day

WATER YEAR : 2005**PASAK RIVER BASIN****Lam Kong at Ban Tha Lao, Phetchabun (S.12)**

Lat 15 - 59 - 50 N Long 101 - 14 - 31 E

Location : on left bank at Ban Tha Lao.

	Ban Tha Lao	Amphoe Nong Phai	Changwat Phetchabun
Drainage Area	477 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	1996-2005		
Number of observation	309		
R-Square	0.7732		
Remarks	Continued Sediment Station		

QS = 5.4458 QW^{1.79000}**Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.18	66.59	2.80	16.38	75.68	849.89	117.04	6.56	10.33	3.49	2.18	1.63	
2	7.77	11.66	2.80	8.95	36.40	230.28	111.44	7.77	8.95	3.49	2.18	1.63	
3	3.99	3.49	2.59	6.56	27.48	111.44	66.59	7.77	7.77	3.02	2.18	1.81	
4	3.73	3.02	2.80	4.51	42.47	95.37	66.59	8.95	7.77	2.80	2.18	1.63	
5	3.49	2.38	4.24	23.62	27.48	239.52	66.59	29.71	6.56	3.49	1.99	1.63	
6	3.49	2.18	499.21	5.54	23.62	337.59	62.24	187.43	6.56	3.02	1.99	1.63	
7	3.25	2.59	16.38	29.71	16.38	380.92	62.24	171.93	6.56	2.80	1.99	1.63	
8	3.02	4.24	13.06	95.37	13.06	296.59	62.24	163.96	5.54	2.38	1.99	1.63	
9	2.80	3.73	10.33	414.60	10.33	523.82	71.07	156.16	5.54	3.02	1.99	1.46	
10	2.59	3.02	66.59	644.96	11.66	1224.29	66.59	128.61	4.51	2.59	1.81	1.46	
11	2.59	2.80	14.68	46.15	18.00	391.79	66.59	117.04	4.24	3.02	1.81	1.46	
12	2.38	1.99	71.07	36.40	16.38	486.40	85.27	75.68	4.24	3.02	1.99	1.46	
13	2.18	1.99	21.61	286.42	58.02	391.79	100.60	163.96	4.24	3.25	1.99	1.46	
14	1.99	3.25	23.62	889.23	27.48	391.79	95.37	49.98	4.24	3.02	2.38	1.30	
15	1.99	32.01	276.41	267.11	16.38	582.23	90.26	128.61	4.24	2.59	2.38	1.15	
16	1.99	3.25	23.62	95.37	42.47	473.73	90.26	100.60	3.99	3.02	2.18	1.15	
17	3.49	6.56	25.52	29.71	23.62	551.94	80.41	46.15	3.99	3.02	1.99	1.15	
18	3.25	27.48	13.06	16.38	27.48	831.87	75.68	36.40	3.99	2.18	2.38	1.15	
19	8.95	316.21	10.33	10.33	2186.19	1224.29	66.59	29.71	3.99	2.38	2.59	1.30	
20	7.77	42.47	18.00	16.38	347.90	473.73	58.02	25.52	3.99	2.18	2.59	1.46	
21	3.02	134.57	5.54	1130.20	156.16	1347.10	42.47	18.00	3.99	2.18	2.38	1.63	
22	2.80	18.00	931.23	566.99	849.89	414.60	32.01	18.00	3.99	2.18	2.59	1.63	
23	3.99	4.51	100.60	644.96	156.16	347.90	27.48	18.00	3.73	2.18	2.38	1.63	
24	3.99	4.51	796.33	613.24	62.24	171.93	23.62	16.38	3.73	1.99	2.18	1.46	
25	3.02	3.99	661.08	221.70	38.91	148.95	21.61	16.38	3.73	1.99	1.99	1.30	
26	2.80	3.99	163.96	511.45	29.71	141.88	18.00	16.38	4.24	1.99	1.81	1.15	
27	2.38	3.25	134.57	195.88	38.91	95.37	18.00	16.38	4.24	1.99	1.81	1.01	
28	2.18	2.80	212.77	95.37	21.61	105.96	16.38	16.38	4.24	1.99	1.63	1.01	
29	1.99	2.80	46.15	90.26	19.68	95.37	13.06	13.06	3.99	1.99		1.15	
30	1.99	2.80	32.01	49.98	18.00	171.93	11.66	11.66	3.99	1.99		1.15	
31		2.80		66.59	16.38		11.66		3.73	1.99		1.30	
Total	101.05	724.93	4202.96	7130.30	4456.13	13130.26	1797.63	1803.12	154.84	80.24	59.53	43.60	33684.59 Ton/day
Mean	3.37	23.38	140.10	230.01	143.75	437.68	57.99	60.10	4.99	2.59	2.13	1.41	Ton/day
Max	8.95	316.21	931.23	1130.20	2186.19	1347.10	117.04	187.43	10.33	3.49	2.59	1.81	2186.19 Ton/day
Min	1.99	1.99	2.59	4.51	10.33	95.37	11.66	6.56	3.73	1.99	1.63	1.01	1.01 Ton/day

WATER YEAR : 2015**PASAK RIVER BASIN****Pasak River at Ban Kham Phran, Lop Buri (S.28A)**

Lat 14 - 50 - 21 N Long 101 - 04 - 08 E

Location : n left bank at Ban Kam Pran.

	Ban Kham Phran	Amphoe Wang Muang	Changwat Lop Buri
Drainage Area	12,843 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2003-Cont'd		
Actual Measurement	2003-Cont'd		
Using Rating Curve Water Year	2003-2005		
Number of observation	39		
R-Square	0.8054		
Remarks	Continued Sediment Station		

$$QS = 2.1631 QW^{1.13040}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	88.63	152.29	49.33	47.58	32.19	25.93	277.58	23.98	47.58	34.20	106.46	172.01	
2	87.51	133.66	42.38	40.66	32.19	26.58	281.43	23.98	47.58	34.20	105.31	172.01	
3	86.38	95.42	40.66	32.86	34.20	35.55	263.92	23.98	47.58	34.20	115.32	172.01	
4	86.38	94.28	40.66	32.86	58.54	29.21	140.76	23.98	47.58	34.20	153.49	170.79	
5	83.40	93.15	40.66	34.20	60.34	28.55	71.94	25.28	47.58	34.20	206.40	169.58	
6	76.72	92.02	40.66	33.53	61.05	28.55	33.53	49.33	47.58	34.20	198.97	169.58	
7	70.11	92.02	40.66	32.19	60.34	29.21	30.20	28.55	42.38	34.20	128.16	167.15	
8	63.94	90.89	40.66	32.86	60.34	29.21	23.98	31.53	35.55	34.20	129.34	178.50	
9	63.94	93.15	40.66	30.86	59.26	30.20	24.63	31.53	35.55	34.20	158.30	202.68	
10	63.94	101.87	39.97	30.86	35.55	30.20	23.98	29.21	35.55	34.20	158.30	218.02	
11	62.85	123.47	37.93	30.86	27.23	30.20	21.73	26.58	35.55	62.13	138.39	250.76	
12	62.85	104.17	35.55	31.53	27.23	30.20	21.10	27.23	35.55	62.13	124.64	252.03	
13	62.85	89.76	29.21	31.53	26.58	31.53	21.10	27.89	34.88	62.13	124.64	222.19	
14	62.13	78.94	19.83	31.53	25.28	57.47	50.39	27.23	34.88	77.83	131.30	178.50	
15	62.13	78.94	25.28	32.19	37.25	173.63	24.63	27.89	34.88	84.14	174.84	177.28	
16	62.13	77.83	31.53	29.21	78.94	77.83	22.37	30.20	34.88	90.89	173.63	174.84	
17	62.13	85.26	31.53	29.21	144.33	37.93	21.73	58.54	34.20	90.89	146.71	174.84	
18	62.13	122.31	31.53	29.21	145.52	36.23	21.10	73.04	34.20	76.72	144.33	174.84	
19	62.13	122.31	30.86	29.21	93.15	36.23	17.32	155.89	34.20	62.85	146.71	174.84	
20	78.94	113.39	30.86	30.20	31.53	39.29	10.37	131.30	34.20	84.14	154.69	173.63	
21	96.55	78.94	30.86	30.20	30.20	39.29	10.37	69.38	34.20	108.76	177.28	172.01	
22	95.42	62.13	30.86	30.86	37.25	34.88	9.20	31.53	34.20	108.76	177.28	172.01	
23	94.28	56.40	30.86	30.86	55.69	32.86	8.06	108.76	34.20	108.76	176.06	170.79	
24	93.15	51.09	30.86	30.86	57.47	32.19	7.77	133.66	34.20	111.07	174.84	183.39	
25	77.83	51.09	30.86	30.20	56.40	32.19	7.77	55.69	34.20	147.91	174.84	228.46	
26	65.75	50.39	30.86	30.20	30.86	32.86	36.23	52.85	34.20	148.70	173.63	229.71	
27	77.83	50.39	30.20	30.20	25.93	36.23	39.97	41.69	34.20	148.70	173.63	215.53	
28	93.15	49.33	30.20	30.86	25.93	73.04	25.28	39.97	34.20	147.91	173.63	235.17	
29	118.81	51.09	30.20	30.86	25.93	90.89	25.28	44.10	34.20	147.91		220.94	
30	139.57	56.40	32.86	30.86	25.93	168.36	24.63	47.58	34.20	129.34		194.86	
31		52.85		30.86	25.93		24.63		34.20	106.46		220.94	
Total	2363.56	2645.23	1029.03	989.96	1528.56	1416.52	1622.98	1502.35	1158.13	2510.13	4321.12	5989.89	27077.46 Ton/day
Mean	78.79	85.33	34.30	31.93	49.31	47.22	52.35	50.08	37.36	80.97	154.33	193.22	Ton/day
Max	139.57	152.29	49.33	47.58	145.52	173.63	281.43	155.89	47.58	148.70	206.40	252.03	281.43 Ton/day
Min	62.13	49.33	19.83	29.21	25.28	25.93	7.77	23.98	34.20	34.20	105.31	167.15	7.77 Ton/day

WATER YEAR : 2005

PASAK RIVER BASIN

Pasak River at Ban Non Thong , Phetchabun (S.36)

Lat 16 - 43 - 42 N Long 101 - 14 - 32 E

Location : on right bank at Ban Non Thong.

	Ban Non Thong	Amphoe Lom Sak	Changwat Phetchabun
Drainage Area	1,775 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2001-Cont'd		
Actual Measurement	2001-Cont'd		
Using Rating Curve Water Year	2001-2005		
Number of observation	47		
R-Square	0.7207		
Remarks	Continued Sediment Station		

$$QS = 5.0393 QW^{1.56670}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	349.60	350.00	349.60	350.30	585.30	7841.60	350.00	350.00	349.60	349.60	349.60	
2	0.00	349.60	350.00	349.60	350.30	830.30	2459.40	350.00	350.00	349.60	349.60	81.90	
3	0.00	349.60	350.00	349.60	350.70	350.70	1310.90	350.00	350.00	349.60	349.60	81.90	
4	0.00	75.50	350.00	83.50	407.20	630.00	927.30	350.00	350.00	349.60	349.60	80.20	
5	0.00	64.70	349.60	349.60	378.60	639.10	612.00	350.30	350.00	81.90	349.60	80.20	
6	0.00	57.30	350.00	349.60	630.00	541.80	499.60	356.20	350.00	73.90	349.60	77.00	
7	0.00	56.00	349.60	466.70	418.90	1310.90	466.70	524.80	350.00	67.70	349.60	83.50	
8	0.00	64.70	349.60	673.50	350.70	2017.90	401.40	372.90	350.00	64.70	349.60	349.60	
9	0.00	67.70	350.30	350.00	350.30	3326.10	350.30	448.50	350.00	64.70	349.60	349.60	
10	0.00	67.70	350.00	350.00	350.70	13202.80	350.70	483.00	350.00	64.70	80.20	349.60	
11	0.00	66.10	349.60	350.30	350.00	21128.00	350.70	350.70	350.00	61.70	78.70	349.60	
12	0.00	64.70	349.60	349.60	350.30	29477.30	350.30	350.70	350.00	60.40	83.50	83.50	
13	0.00	66.10	350.00	1172.00	576.50	31689.90	350.00	350.30	350.00	67.70	83.50	81.90	
14	0.00	73.90	350.00	2340.40	708.60	27535.90	80.20	350.30	350.00	66.10	349.60	81.90	
15	0.00	350.00	350.00	1206.20	499.60	17169.60	491.30	350.30	350.00	72.40	349.60	80.20	
16	0.00	349.60	349.60	395.70	424.70	9355.60	350.70	389.90	350.00	349.60	349.60	75.50	
17	0.00	349.60	350.30	350.30	401.40	2855.50	350.70	350.30	350.00	349.60	349.60	70.80	
18	0.00	349.60	576.50	350.00	507.90	1364.40	350.30	350.70	350.00	349.60	349.60	64.70	
19	0.00	349.60	350.70	349.60	1628.60	1885.00	350.30	350.30	349.60	81.90	349.60	60.40	
20	0.00	80.20	350.30	350.00	4148.60	4223.10	350.30	350.00	349.60	77.00	349.60	60.40	
21	0.00	80.20	350.30	350.70	5176.70	9963.20	350.30	350.30	349.60	75.50	349.60	54.70	
22	0.00	349.60	350.00	407.20	2779.20	20104.80	350.30	350.30	349.60	75.50	349.60	53.20	
23	0.00	350.00	350.00	2435.00	3035.80	17507.50	350.00	350.00	349.60	78.70	349.60	51.90	
24	0.00	350.00	350.30	3434.20	1293.20	7898.10	350.00	350.00	349.60	349.60	349.60	50.40	
25	0.00	350.00	1473.70	1275.60	541.80	6544.70	350.00	350.00	349.60	83.50	349.60	50.40	
26	3.00	349.60	927.30	2040.00	350.70	5218.50	350.00	350.00	349.60	349.60	83.50	49.20	
27	0.00	349.60	350.70	2363.80	350.00	5856.30	350.00	350.00	349.60	349.60	81.90	46.30	
28	0.00	81.90	350.00	1206.20	350.00	5426.20	350.00	350.00	349.60	83.50	83.50	46.30	
29	0.00	350.00	350.00	639.10	350.00	5094.50	350.00	350.00	349.60	349.60		45.10	
30	0.00	350.30	349.60	350.30	350.00	16434.60	350.00	350.00	349.60	83.50		43.90	
31		780.80		350.30	350.30		350.00		349.60	83.50		43.90	
Total	3.00	7343.80	12427.60	25738.20	28461.60	270167.60	22445.30	10979.80	10844.80	5314.10	7916.40	3427.30	405069.60 Ton/day
Mean	0.10	236.90	414.30	830.30	918.10	9005.60	724.00	366.00	349.80	171.40	282.70	110.60	Ton/day
Max	3.00	780.80	1473.70	3434.20	5176.70	31689.90	7841.60	524.80	350.00	349.60	349.60	31689.90	Ton/day
Min	0.00	56.00	349.60	83.50	350.00	350.70	80.20	350.00	349.60	60.40	78.70	43.90	0.00 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Lam Ta Phoen at Ban Thung Na Nang Rok , Kanchanaburi (K.12)

Lat 14 - 09 - 17 N Long 99 - 25 - 07 E

Location : on left bank about 50 meters downstream from Wat Thung Na Nang Rok.

	Ban Thung Na Nang Rok	Amphoe Mueang	Changwat Kanchanaburi
Drainage Area	2,375 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9459		
Remarks	Continued Sediment Station		

$$QS = 7.6993 QW^{1.45730}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.35	0.13	0.44	0.19	2.56	0.19	129.04	2080.64	115.16	47.79	1.08	1.46		
2	0.27	0.07	0.44	0.19	3.66	0.13	150.78	1489.90	104.82	35.61	0.74	2.10		
3	0.19	0.07	0.44	0.19	3.66	1.46	139.78	1060.26	97.27	30.81	0.53	1.88		
4	0.27	0.07	0.44	0.19	2.80	4.11	307.62	776.02	92.34	21.92	0.53	1.67		
5	0.35	0.07	0.44	0.19	2.56	3.66	519.71	1189.98	85.09	17.84	0.53	0.90		
6	0.27	0.07	0.44	0.27	3.66	6.60	396.90	1014.27	80.36	16.54	0.53	0.53		
7	0.27	0.13	0.27	0.19	3.22	10.53	324.90	1130.43	80.36	13.63	0.44	0.74		
8	0.27	0.19	0.19	0.27	2.33	6.60	493.00	884.18	87.49	10.53	0.53	0.35		
9	0.35	0.13	0.19	0.19	5.06	99.77	440.93	785.58	85.09	13.63	0.53	0.27		
10	0.27	0.13	0.19	0.13	2.56	165.84	390.73	766.49	71.17	10.53	0.53	0.27		
11	0.35	0.07	0.19	0.07	3.66	285.04	342.47	766.49	66.70	7.70	0.53	0.13		
12	0.74	0.07	0.19	0.19	2.56	324.90	390.73	712.91	58.05	5.06	0.74	0.35		
13	0.53	0.19	0.35	0.35	3.66	366.35	479.81	592.76	53.87	3.22	0.74	0.35		
14	0.63	0.19	0.35	0.35	3.22	541.31	434.55	479.81	44.06	3.22	0.63	0.44		
15	0.63	0.19	0.27	0.90	2.80	506.30	409.33	434.55	42.32	4.58	0.35	0.19		
16	0.53	0.27	0.35	0.74	2.56	785.58	428.20	460.24	42.32	9.08	0.13	0.13		
17	0.44	0.19	0.53	0.27	2.10	1503.98	512.99	499.64	40.61	4.11	0.13	0.13		
18	0.90	0.19	0.35	4.58	2.10	2902.02	1342.97	626.37	37.25	2.56	0.35	0.07		
19	1.08	0.27	0.35	66.70	5.06	2724.76	2309.40	721.76	30.81	2.33	0.13	0.07		
20	0.44	0.27	0.74	80.36	3.22	1574.97	1618.65	712.91	30.81	1.88	2.33	0.07		
21	0.27	0.35	0.44	71.17	2.56	873.76	905.14	585.32	24.78	2.80	68.93	0.07		
22	0.19	0.44	0.35	14.45	3.22	526.88	548.57	447.34	21.92	3.66	85.09	0.03		
23	0.19	0.35	0.35	23.33	2.80	348.39	390.73	360.33	20.53	2.10	40.61	0.03		
24	0.19	0.35	0.35	53.87	2.33	260.64	548.57	290.63	20.53	1.67	17.84	0.03		
25	0.19	0.35	0.35	20.53	1.46	226.16	617.92	251.88	17.84	1.27	9.80	0.03		
26	0.19	0.35	0.35	5.56	1.08	181.35	512.99	221.96	20.53	1.46	2.10	0.00		
27	0.19	1.08	0.35	1.88	0.19	147.08	1679.10	189.26	21.92	0.90	0.44	0.00		
28	0.13	1.46	0.35	0.74	0.27	129.04	3703.28	154.50	30.81	1.27	0.27	0.00		
29	0.13	0.53	0.35	0.53	1.27	122.04	3904.43	129.04	62.33	1.27		0.00		
30	0.13	0.44	0.35	1.46	1.08	217.79	3955.24	125.53	82.72	0.74		0.00		
31		0.44		1.88	0.35		3105.58		71.17	1.08		0.00		
Total	10.93	9.10	10.74	351.91	79.62	14847.23	31434.04	19940.98	1741.03	280.79	237.11	12.29	68955.77	Ton/day
Mean	0.36	0.29	0.36	11.35	2.57	494.91	1014.00	664.70	56.16	9.06	8.47	0.40		Ton/day
Max	1.08	1.46	0.74	80.36	5.06	2902.02	3955.24	2080.64	115.16	47.79	85.09	2.10	3955.24	Ton/day
Min	0.13	0.07	0.19	0.07	0.19	0.13	129.04	125.53	17.84	0.74	0.13	0.00	0.00	Ton/day

WATER YEAR : 2005**MAE KLONG RIVER BASIN****Huai Mae Nam Noi at Ban Sai Yok, Kanchanaburi (K.22B)**

Lat 14 - 26 - 59 N Long 98 - 48 - 08 E

Location : on right bank about 640 meters upstream from station K.22A

	Ban Sai Yok	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	311 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.8401		
Remarks	Continued Sediment Station		

$$QS = 2.9271 QW^{1.42660}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.20	0.70	5.70	85.50	2570.30	254.10	329.30	61.00	16.80	2.90	0.50	0.10	
2	2.60	1.50	12.70	65.70	4859.10	243.90	243.90	56.40	16.80	2.90	0.30	0.10	
3	5.70	1.50	35.50	48.40	2069.70	254.10	223.70	56.40	16.80	2.60	0.30	0.10	
4	75.40	1.20	26.60	41.80	1371.70	223.70	204.20	51.90	14.70	2.60	0.30	0.10	
5	9.00	1.00	23.80	35.50	1371.70	254.10	351.80	51.90	14.70	2.20	0.30	0.10	
6	2.90	0.70	61.00	41.80	1078.70	233.70	233.70	48.40	14.70	2.20	0.10	0.10	
7	2.20	0.70	41.80	35.50	905.90	307.20	213.90	45.10	12.70	1.90	0.10	0.10	
8	1.90	2.90	35.50	41.80	1055.50	233.70	204.20	51.90	12.70	1.90	0.10	0.10	
9	1.90	18.90	21.20	56.40	1055.50	296.30	175.80	75.40	12.70	1.90	0.10	0.00	
10	1.50	2.90	90.70	101.40	1424.50	296.30	159.70	51.90	10.80	1.90	0.10	0.00	
11	1.50	2.20	399.90	70.50	1269.10	387.20	146.10	45.10	10.80	1.50	0.10	0.00	
12	1.20	1.90	175.80	51.90	2286.80	307.20	132.80	56.40	10.80	1.50	0.10	0.00	
13	1.20	2.60	132.80	101.40	3171.00	243.90	126.30	45.10	9.00	1.50	0.10	0.00	
14	1.00	2.20	113.70	146.10	2286.80	340.50	119.90	51.90	9.00	1.50	0.10	0.00	
15	2.60	1.90	85.50	166.60	1589.30	2247.20	213.90	41.80	9.00	1.20	0.10	0.00	
16	1.50	2.20	70.50	243.90	1269.10	1504.90	185.10	38.60	7.30	1.20	0.10	0.00	
17	1.20	2.20	96.00	96.00	1102.00	926.80	139.40	35.50	7.30	1.20	0.10	0.00	
18	1.20	1.50	90.70	80.40	926.80	685.20	126.30	45.10	7.30	1.20	0.10	0.30	
19	2.90	1.50	56.40	70.50	905.90	634.60	107.50	35.50	5.70	1.20	0.10	0.00	
20	2.60	2.20	45.10	56.40	754.50	719.60	101.40	32.50	5.70	1.20	0.10	0.00	
21	1.50	2.60	35.50	75.40	651.30	568.90	96.00	29.50	5.70	1.00	0.10	0.10	
22	1.50	32.50	35.50	175.80	568.90	478.30	90.70	26.60	4.30	1.00	41.80	0.00	
23	2.90	9.00	29.50	634.60	552.80	425.60	85.50	23.80	4.30	1.00	1.90	0.00	
24	2.90	14.70	32.50	1149.00	465.00	387.20	85.50	23.80	4.30	1.00	0.30	0.00	
25	1.90	12.70	45.10	3216.70	399.90	363.20	96.00	23.80	4.30	0.70	0.10	0.00	
26	1.50	7.30	45.10	1867.80	374.70	318.20	85.50	21.20	4.30	0.70	0.10	0.00	
27	1.20	5.70	61.00	1804.80	318.20	285.60	139.40	21.20	4.30	0.70	0.10	0.00	
28	1.20	2.90	126.30	1149.00	285.60	264.50	90.70	21.20	4.30	0.70	0.10	0.00	
29	1.00	2.20	264.50	969.20	285.60	233.70	80.40	18.90	2.90	0.50		0.10	
30	1.00	2.90	132.80	2172.90	296.30	223.70	70.50	18.90	2.90	0.50		0.00	
31		2.90		2326.70	275.00		65.70		2.90	0.50		0.00	
Total	137.80	147.80	2428.70	17179.40	37797.20	14143.10	4724.80	1206.70	269.80	44.50	47.70	1.30	78128.80 Ton/day
Mean	4.60	4.80	81.00	554.20	1219.30	471.40	152.40	40.20	8.70	1.40	1.70	0.00	Ton/day
Max	75.40	32.50	399.90	3216.70	4859.10	2247.20	351.80	75.40	16.80	2.90	41.80	0.30	4859.10 Ton/day
Min	1.00	0.70	5.70	35.50	275.00	223.70	65.70	18.90	2.90	0.50	0.10	0.00	0.00 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Mae Nam Lo at Ban Sai Yok , Kanchanaburi (K.30)

Lat 14 - 26 - 27 N Long 98 - 47 - 48 E

Location : on left bank about 1 kilometer downstream from station K.22A

	Ban Sai Yok	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	466 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9050		
Remarks	Continued Sediment Station		

$$QS = 1.8827 QW^{1.47660}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	0.00	1.35	15.12	2433.81	73.84	154.10	20.87	7.07	1.75	0.00	0.00	
2	0.32	0.00	3.09	13.00	4683.34	68.46	99.64	19.68	6.44	1.75	0.00	0.00	
3	1.35	0.00	8.38	9.77	1425.51	68.46	79.36	19.68	6.44	1.35	0.00	0.00	
4	11.97	0.00	7.72	8.38	852.45	76.58	76.58	18.50	5.83	1.35	0.00	0.00	
5	4.67	0.00	5.83	8.38	1027.90	124.57	116.06	17.35	6.44	1.00	0.00	0.00	
6	2.17	0.00	6.44	7.72	702.96	120.29	91.74	18.50	7.07	1.00	0.00	0.00	
7	2.17	0.00	10.49	7.72	538.25	205.49	71.13	18.50	5.83	1.00	0.00	0.00	
8	0.68	0.00	17.35	7.72	1062.10	133.82	95.66	19.68	5.24	1.00	0.00	0.00	
9	0.49	1.35	9.07	7.72	1114.06	169.91	128.90	20.87	4.67	1.00	0.00	0.00	
10	0.49	2.17	9.07	11.22	944.02	154.10	91.74	17.35	4.67	0.68	0.00	0.00	
11	0.32	0.49	35.09	10.49	824.58	339.66	76.58	15.12	4.67	0.49	0.00	0.00	
12	0.17	0.49	23.33	8.38	2604.14	231.28	63.20	16.22	4.12	0.49	0.17	0.00	
13	0.17	0.17	19.68	9.07	3076.08	159.32	58.51	14.05	4.12	0.49	2.17	0.17	
14	0.17	0.17	13.00	36.89	1383.19	231.28	54.34	14.05	3.60	0.49	0.49	0.00	
15	0.68	0.49	17.35	91.74	880.61	2433.81	56.41	11.97	3.60	0.32	0.06	0.00	
16	1.35	0.49	14.05	107.75	650.95	1489.75	85.00	11.22	3.60	0.32	0.00	0.00	
17	0.68	0.68	17.35	31.57	570.47	614.24	58.51	11.22	3.09	0.32	0.00	0.00	
18	0.32	0.68	11.22	40.58	485.81	386.60	42.46	14.05	3.09	0.32	0.00	0.00	
19	0.17	1.00	9.77	20.87	455.25	339.66	42.46	11.22	2.62	0.32	0.32	0.00	
20	0.49	0.49	10.49	18.50	330.63	313.53	38.72	10.49	2.62	0.17	0.06	0.00	
21	0.68	2.62	9.07	17.35	266.91	259.38	35.09	9.77	2.62	0.17	40.58	0.17	
22	0.49	13.00	8.38	42.46	224.74	205.49	33.32	9.07	2.62	0.17	9.77	2.62	
23	0.49	11.97	7.07	128.90	205.49	180.72	29.86	8.38	2.17	0.17	2.62	1.00	
24	0.49	9.77	6.44	538.25	192.98	154.10	36.89	8.38	2.17	0.17	1.00	0.00	
25	0.68	6.44	5.83	2490.18	154.10	138.81	46.32	8.38	2.17	0.17	0.17	0.00	
26	0.32	3.60	5.24	1166.81	133.82	124.57	35.09	7.72	7.07	0.17	0.06	0.00	
27	0.17	2.17	7.72	1341.29	116.06	103.67	42.46	7.72	9.07	0.17	0.00	0.00	
28	0.00	1.75	17.35	581.22	103.67	95.66	33.32	7.07	3.60	0.06	0.00	0.00	
29	0.00	1.35	60.63	465.42	91.74	87.87	29.86	7.07	3.09	0.00		0.00	
30	0.00	2.17	22.09	1740.52	91.74	71.13	26.53	7.07	2.62	0.00		0.00	
31		1.75		3042.83	87.87		23.33		2.17	0.00		0.00	
Total	32.47	65.26	399.94	12027.82	27715.23	9156.05	1953.17	401.22	134.20	16.86	57.47	3.96	51963.65 Ton/day
Mean	1.08	2.11	13.33	387.99	894.04	305.20	63.01	13.37	4.33	0.54	2.05	0.13	Ton/day
Max	11.97	13.00	60.63	3042.83	4683.34	2433.81	154.10	20.87	9.07	1.75	40.58	2.62	4683.34 Ton/day
Min	0.00	0.00	1.35	7.72	87.87	68.46	23.33	7.07	2.17	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Mae Nam Noi at Ban Nam Chon , Kanchanaburi (K.31)

Lat 14 - 26 - 04 N Long 98 - 49 - 20 E

Location : on right bank about 2 kilometers downstream from station K.22A

	Ban Nam Chon	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	799 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9251		
Remarks	Continued Sediment Station		

$$QS = 2.2556 QW^{1.40180}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.55	7.70	16.86	56.89	5289.30	194.11	366.94	89.36	50.62	35.90	22.75	19.16	
2	18.00	9.55	23.98	53.73	9607.28	177.32	265.39	86.65	50.62	35.90	22.75	18.00	
3	19.16	9.55	43.08	47.56	3855.74	194.11	240.93	83.96	49.08	34.51	22.75	18.00	
4	60.11	7.70	43.08	43.08	2050.63	160.97	223.03	83.96	49.08	34.51	21.53	18.00	
5	25.24	5.96	41.61	40.16	2571.38	253.08	400.01	78.66	49.08	34.51	21.53	19.16	
6	18.00	5.14	49.08	41.61	1536.62	223.03	259.21	78.66	49.08	33.13	21.53	18.00	
7	16.86	5.14	49.08	40.16	1296.23	322.83	211.32	81.30	49.08	33.13	20.33	16.86	
8	13.59	9.55	49.08	41.61	2715.17	234.92	234.92	89.36	49.08	31.78	20.33	16.86	
9	11.52	30.43	43.08	47.56	2457.98	336.03	259.21	94.85	47.56	31.78	20.33	18.00	
10	11.52	18.00	66.69	63.37	2514.50	284.18	211.32	78.66	46.05	31.78	20.33	18.00	
11	10.52	13.59	166.37	56.89	2181.03	598.69	182.87	73.46	46.05	30.43	19.16	18.00	
12	10.52	13.59	108.99	44.56	7148.80	375.13	160.97	81.30	44.56	30.43	21.53	16.86	
13	10.52	11.52	78.66	58.49	7905.64	290.52	154.56	71.75	44.56	30.43	26.51	15.75	
14	10.52	11.52	66.69	89.36	4350.39	391.66	151.38	73.46	43.08	29.11	25.24	14.66	
15	14.66	14.66	60.11	132.73	2802.51	5477.37	234.92	68.36	43.08	29.11	23.98	14.66	
16	15.75	13.59	53.73	246.98	1809.78	3968.37	217.16	66.69	43.08	29.11	21.53	14.66	
17	12.54	16.86	58.49	73.46	1414.96	1640.16	166.37	66.69	41.61	27.80	21.53	14.66	
18	10.52	14.66	58.49	70.05	1084.68	889.64	141.97	73.46	41.61	27.80	21.53	19.16	
19	15.75	13.59	49.08	63.37	985.78	811.72	135.79	65.03	40.16	26.51	22.75	15.75	
20	14.66	15.75	44.56	56.89	750.89	889.64	126.67	63.37	40.16	26.51	22.75	15.75	
21	13.59	20.33	41.61	58.49	587.76	646.19	120.69	61.74	40.16	26.51	58.49	22.75	
22	13.59	46.05	38.72	114.80	512.89	486.14	111.88	58.49	40.16	26.51	60.11	23.98	
23	15.75	46.05	38.72	316.29	477.31	433.88	111.88	56.89	38.72	26.51	37.30	18.00	
24	14.66	35.90	37.30	1084.68	442.47	375.13	114.80	55.30	37.30	25.24	27.80	18.00	
25	13.59	26.51	43.08	6297.17	350.71	358.80	123.67	55.30	37.30	25.24	23.98	18.00	
26	10.52	22.75	40.16	3271.17	303.33	309.79	117.73	55.30	37.30	23.98	22.75	14.66	
27	9.55	19.16	49.08	3306.89	284.18	277.88	145.09	53.73	50.62	23.98	20.33	14.66	
28	8.61	16.86	70.05	1375.05	259.21	265.39	117.73	53.73	40.16	23.98	19.16	14.66	
29	7.70	15.75	123.67	1034.89	234.92	246.98	108.99	52.17	38.72	23.98		20.33	
30	7.70	18.00	78.66	4196.38	223.03	217.16	97.64	52.17	37.30	23.98		19.16	
31		16.86		5667.30	223.03		92.10		37.30	22.75		18.00	
Total	444.77	532.27	1731.84	28091.62	68228.15	21330.82	5607.14	2103.81	1352.32	896.83	710.59	542.15	131572.33 Ton/day
Mean	14.83	17.17	57.73	906.18	2200.91	711.03	180.88	70.13	43.62	28.93	25.38	17.49	Ton/day
Max	60.11	46.05	166.37	6297.17	9607.28	5477.37	400.01	94.85	50.62	35.90	60.11	23.98	9607.28 Ton/day
Min	7.70	5.14	16.86	40.16	223.03	160.97	92.10	52.17	37.30	22.75	19.16	14.66	5.14 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Lin Thin at Ban Nong Bang , Kanchanaburi (K.38A)

Lat 14 - 34 - 28 N Long 98 - 49 - 07 E

Location : on left bank at KM. 95+700 on Kanchanaburi - Thong Pha Phum Highway.

	Ban Nong Bang	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	122 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9252		
Remarks	Continued Sediment Station		

$$QS = 4.5612 QW^{1.82290}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.20	0.51	1.06	128.04	10.50	57.61	15.12	8.87	5.88	3.39	2.38	
2	0.20	0.20	0.51	0.86	440.49	8.87	42.45	14.14	8.87	5.88	3.39	2.38	
3	0.20	0.20	0.51	0.86	137.95	143.03	38.01	14.14	8.87	5.43	3.39	2.38	
4	2.38	0.20	0.51	0.86	137.95	49.53	31.77	19.84	8.87	5.43	3.39	2.38	
5	0.67	0.20	0.51	0.86	106.11	18.57	33.79	16.14	8.87	5.43	3.04	2.38	
6	0.51	0.10	1.06	0.67	63.49	19.84	29.80	13.18	8.87	4.99	3.04	2.38	
7	0.34	0.10	4.99	0.67	40.20	31.77	26.77	13.18	8.10	4.56	3.04	2.08	
8	0.34	2.70	6.36	0.86	33.79	21.15	26.77	13.18	8.10	4.56	3.04	2.08	
9	0.20	1.53	1.29	1.06	29.80	17.33	26.77	13.18	7.36	4.56	2.70	2.08	
10	0.10	0.67	2.70	4.56	26.77	69.62	25.31	13.18	7.36	4.56	2.70	2.08	
11	0.20	0.51	7.36	1.80	25.31	35.87	23.88	13.18	7.36	4.56	2.70	1.80	
12	0.20	0.34	5.88	16.14	35.87	25.31	22.50	12.26	6.85	4.56	2.70	1.80	
13	0.20	0.34	3.04	4.99	114.52	21.15	21.15	12.26	6.85	4.56	4.56	1.80	
14	0.20	0.34	1.80	5.88	79.30	598.73	21.15	14.14	6.85	4.56	3.76	1.80	
15	0.20	0.34	1.80	7.36	63.49	1330.37	26.77	12.26	6.36	4.15	4.15	1.80	
16	0.10	0.20	1.29	5.43	44.76	435.27	21.15	23.88	6.36	3.76	3.76	1.53	
17	0.10	0.34	1.29	3.76	44.76	216.01	18.57	14.14	6.36	3.76	3.39	1.80	
18	0.10	0.20	0.86	2.38	35.87	90.18	18.57	12.26	5.88	3.76	3.39	1.80	
19	0.10	0.34	0.86	2.08	35.87	175.23	18.57	12.26	5.88	3.76	3.04	1.53	
20	0.10	0.34	0.67	1.80	29.80	128.04	16.14	10.50	5.88	3.76	3.04	1.53	
21	0.10	0.34	0.51	3.76	26.77	110.28	16.14	10.50	5.88	4.15	3.04	7.36	
22	0.20	0.51	0.51	4.56	21.15	90.18	15.12	10.50	5.88	3.76	3.39	3.04	
23	0.20	2.38	0.51	8.87	22.50	76.01	14.14	10.50	5.88	3.76	3.04	2.38	
24	0.10	1.29	0.67	17.33	18.57	63.49	17.33	10.50	5.88	3.76	3.04	2.08	
25	0.10	0.86	0.86	79.30	16.14	57.61	25.31	8.87	5.88	3.76	3.04	2.08	
26	0.20	0.51	0.67	44.76	14.14	49.53	21.15	8.87	5.43	3.76	2.70	1.80	
27	0.20	0.34	0.51	69.62	12.26	44.76	40.20	8.87	9.67	3.76	2.70	1.80	
28	0.10	0.34	0.86	40.20	12.26	40.20	21.15	9.67	6.85	3.76	2.38	1.80	
29	0.20	0.34	3.04	25.31	10.50	38.01	17.33	9.67	6.36	3.39		4.15	
30	0.20	0.34	1.29	66.52	8.87	40.20	16.14	8.87	6.36	3.39		3.76	
31		0.20		82.65	8.87		16.14		5.88	3.39		3.04	
Total	8.24	16.84	53.23	506.82	1826.17	4056.64	767.65	379.24	218.72	133.11	88.94	73.08	8128.68 Tonday
Mean	0.27	0.54	1.77	16.35	58.91	135.22	24.76	12.64	7.06	4.29	3.18	2.36	Ton/day
Max	2.38	2.70	7.36	82.65	440.49	1330.37	57.61	23.88	9.67	5.88	4.56	7.36	1330.37 Ton/day
Min	0.10	0.10	0.51	0.67	8.87	8.87	14.14	8.87	5.43	3.39	2.38	1.53	0.10 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Ong Thi at Ban Ong Thi , Kanchanaburi (K.39)

Lat 14 - 42 - 21 N Long 98 - 40 - 19 E

Location : on right bank at KM. 121+600 on Kanchanaburi - Thong Pha Phum Highway.

	Ban Ong Thi	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	51 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	33		
R-Square	0.8914		
Remarks	Continued Sediment Station		

$$QS = 6.7278 QW^{1.34720}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	0.06	0.26	2.09	83.76	3.84	13.75	2.64	1.33	0.87	0.26	0.19	
2	0.39	0.26	1.10	1.57	49.67	3.53	10.59	2.36	1.33	0.87	0.26	0.19	
3	0.26	0.19	0.87	1.21	45.76	3.23	11.62	2.36	1.33	0.77	0.26	0.19	
4	0.77	0.15	0.48	0.98	38.21	4.16	7.84	2.36	1.33	0.57	0.26	0.22	
5	0.39	0.12	0.98	0.98	31.43	4.16	12.67	2.36	1.33	0.39	0.26	0.22	
6	0.30	0.12	0.98	0.98	23.62	3.23	11.62	2.36	1.33	0.30	0.22	0.26	
7	0.26	0.12	1.57	0.67	29.82	3.53	8.41	2.36	1.33	0.30	0.22	0.26	
8	0.26	0.67	1.21	0.67	25.13	3.23	7.28	2.09	1.10	0.39	0.22	0.19	
9	0.22	0.39	0.87	2.64	19.46	3.53	6.73	1.83	0.98	0.39	0.26	0.22	
10	0.19	0.26	2.09	2.64	29.82	28.24	6.19	1.83	0.98	0.39	0.26	0.22	
11	0.12	0.26	2.36	1.33	13.75	15.97	5.66	1.83	1.10	0.39	0.26	0.22	
12	0.15	0.26	1.57	1.33	43.84	8.99	5.15	1.83	1.10	0.39	0.26	0.22	
13	0.12	0.39	1.57	38.21	33.06	6.19	5.15	1.57	0.98	0.39	0.26	0.19	
14	0.12	0.26	2.64	4.65	83.76	51.65	4.65	2.36	0.98	0.39	0.26	0.19	
15	0.22	0.26	1.57	3.23	33.06	383.30	5.66	3.84	0.98	0.30	0.26	0.19	
16	0.19	0.22	2.09	2.09	25.13	61.05	4.65	2.64	0.98	0.30	0.26	0.19	
17	0.19	0.57	1.33	1.33	18.28	31.43	4.16	2.64	0.98	0.30	0.26	0.15	
18	0.15	0.22	1.21	1.33	15.97	20.66	3.84	2.36	0.98	0.30	0.22	0.15	
19	0.12	0.77	1.21	1.10	14.85	33.06	3.53	2.36	0.98	0.30	0.22	0.15	
20	0.12	0.67	1.57	1.21	18.28	25.13	3.53	2.36	0.87	0.30	0.22	0.15	
21	0.12	0.87	0.87	3.23	9.58	17.12	3.53	2.09	0.87	0.30	0.39	0.15	
22	0.12	0.57	0.87	2.09	11.62	14.85	3.23	1.83	0.87	0.30	0.26	0.19	
23	0.12	0.39	0.77	4.16	9.58	12.67	2.93	1.83	0.87	0.30	0.30	0.22	
24	0.12	0.39	1.10	13.75	8.41	13.75	2.93	1.83	0.87	0.30	0.26	0.19	
25	0.12	1.10	1.21	43.84	6.73	10.59	3.53	1.57	0.77	0.26	0.26	0.19	
26	0.06	0.48	1.33	25.13	6.19	9.58	3.23	1.57	0.87	0.26	0.22	0.15	
27	0.09	0.26	1.21	40.07	5.66	8.99	3.84	1.57	1.21	0.26	0.22	0.26	
28	0.06	0.26	2.64	31.43	4.65	9.58	3.23	1.33	0.98	0.26	0.22	0.26	
29	0.06	0.26	3.84	20.66	4.16	7.84	2.93	1.33	0.98	0.26		0.22	
30	0.06	0.26	2.64	53.65	4.16	6.73	2.93	1.33	0.87	0.26		0.26	
31		0.30		43.84	4.16		2.64		0.67	0.26		0.22	
Total	5.66	11.36	44.01	352.09	751.56	809.81	177.63	62.62	32.13	11.62	7.09	6.27	2271.85 Ton/day
Mean	0.19	0.37	1.47	11.36	24.24	26.99	5.73	2.09	1.04	0.37	0.25	0.20	Ton/day
Max	0.77	1.10	3.84	53.65	83.76	383.30	13.75	3.84	1.33	0.87	0.39	0.26	383.30 Ton/day
Min	0.06	0.06	0.26	0.67	4.16	3.23	2.64	1.33	0.67	0.26	0.22	0.15	0.06 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Huai Diso at Ban Hin Laem , Kanchanaburi (K.50)

Lat 14 - 38 - 39 N Long 98 - 42 - 04 E

Location : on right bank at the bridge on Kanchanaburi - Thong Pha Phum Highway from Tambon Tha Khanun.

	Ban Hin Laem	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	123 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	145		
R-Square	0.9104		
Remarks	Continued Sediment Station		

$$QS = 5.5173 QW^{1.42930}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.08	0.30	1.99	4.37	94.55	5.76	31.86	5.05	2.53	1.82	0.80	0.89	
2	0.89	0.30	1.49	3.94	109.70	5.76	24.65	4.82	2.53	1.65	0.80	0.89	
3	1.38	0.30	1.28	3.52	81.51	5.52	18.14	4.60	2.53	1.65	0.72	0.80	
4	4.82	0.30	1.38	3.11	49.93	5.52	12.38	4.60	2.53	1.49	0.72	0.80	
5	2.35	0.30	1.99	2.53	33.74	15.93	15.39	4.37	2.53	1.38	0.72	0.80	
6	1.99	0.30	3.11	2.35	42.62	24.65	11.98	4.15	2.53	1.38	0.72	0.80	
7	1.82	0.30	5.76	1.99	112.81	27.29	11.19	4.15	2.35	1.28	0.89	0.80	
8	1.38	2.72	6.24	1.99	19.28	13.19	10.80	4.60	2.35	1.28	0.89	0.55	
9	1.38	1.99	4.37	7.25	15.93	90.14	10.51	4.37	2.17	1.28	0.89	2.35	
10	1.38	1.08	4.60	9.11	12.78	96.04	9.94	4.60	2.17	1.18	0.89	1.18	
11	1.38	0.89	7.50	8.56	8.83	71.78	9.11	4.60	2.17	1.08	0.89	0.89	
12	1.38	0.80	5.52	5.05	90.14	40.59	8.29	4.60	2.17	1.08	0.89	0.89	
13	1.38	0.80	4.37	6.74	124.31	17.03	8.03	5.05	2.17	1.08	0.89	0.89	
14	1.28	0.72	4.15	8.83	114.38	30.93	7.50	10.80	1.99	1.08	1.08	0.89	
15	1.28	0.63	4.37	6.24	67.73	224.07	9.38	6.00	1.82	1.08	0.99	0.89	
16	1.08	0.63	4.37	5.52	33.74	138.20	8.56	5.28	1.82	1.08	0.89	0.72	
17	0.89	1.28	3.94	4.82	11.58	108.16	7.50	6.00	1.82	1.08	0.89	0.72	
18	0.89	1.38	3.52	4.15	14.44	57.59	6.99	5.05	1.82	1.08	0.89	0.72	
19	0.80	1.38	3.31	3.73	24.65	40.59	6.74	4.60	1.99	0.99	0.89	0.63	
20	0.72	8.03	3.31	2.92	19.28	44.67	6.49	4.15	2.17	0.99	0.89	0.63	
21	0.63	2.17	2.35	3.52	18.71	23.79	6.24	3.73	1.99	0.89	0.89	0.63	
22	0.55	1.65	2.53	4.15	14.86	19.86	6.00	3.31	1.82	0.89	0.89	0.72	
23	0.55	1.65	2.53	7.76	11.98	17.58	5.76	3.11	1.82	0.89	0.89	0.63	
24	0.44	1.38	3.94	10.23	10.80	15.93	5.76	3.11	1.82	0.89	0.89	0.55	
25	0.40	1.49	3.11	82.93	9.94	14.44	6.00	3.11	1.82	0.89	0.89	0.51	
26	0.27	1.49	2.92	45.71	8.56	13.60	6.24	3.11	1.82	0.89	0.89	0.51	
27	0.27	1.28	2.72	52.09	7.76	11.98	6.24	3.11	1.99	0.80	0.89	0.51	
28	0.27	1.08	4.60	46.75	6.99	12.78	6.74	2.92	2.17	0.80	0.80	0.48	
29	0.30	1.08	6.00	37.61	6.49	11.98	6.49	2.92	1.99	0.80		0.63	
30	0.30	0.99	4.82	112.81	5.76	10.51	6.24	2.72	1.99	0.80		0.72	
31		5.05		94.55	6.24		5.52		1.82	0.80		0.63	
Total	33.53	43.74	112.09	594.83	1190.02	1215.86	302.66	132.59	65.21	34.35	24.26	24.25	3773.39 Tonday
Mean	1.12	1.41	3.74	19.19	38.39	40.53	9.76	4.42	2.10	1.11	0.87	0.78	Ton/day
Max	4.82	8.03	7.50	112.81	124.31	224.07	31.86	10.80	2.53	1.82	1.08	2.35	224.07 Ton/day
Min	0.27	0.30	1.28	1.99	5.76	5.52	5.52	2.72	1.82	0.80	0.72	0.48	0.27 Ton/day

WATER YEAR : 2005**MAE KLONG RIVER BASIN****Huai Mae Kraban at Ban Si Mong Khon , Kanchanaburi (K.53)**

Lat 14 - 01 - 38 N Long 99 - 13 - 23 E

Location : on right bank at the bridge on road.

	Ban Si Mong Khon	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	308 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	18		
R-Square	0.9841		
Remarks	Continued Sediment Station		

$$QS = 10.1390 QW^{1.52700}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.21	0.30	0.26	0.21	0.35	0.68	3610.71	79.12	1.53	0.45	0.26	0.26	
2	0.26	0.30	0.26	0.21	0.40	0.74	276.80	57.06	1.30	0.45	0.26	0.26	
3	0.26	0.26	0.26	0.21	6.53	0.80	203.98	41.08	1.30	0.45	0.26	0.26	
4	0.26	0.30	0.26	0.21	17.32	0.68	439.30	34.74	1.30	0.45	0.26	0.26	
5	0.26	0.30	0.26	0.21	27.45	10.14	1761.58	54.27	1.30	0.45	0.26	0.26	
6	0.26	0.30	0.26	0.21	19.60	480.88	369.72	36.65	7.21	0.40	0.26	0.26	
7	0.26	0.40	0.26	0.17	11.08	27.45	582.83	122.03	3.20	0.40	0.26	0.26	
8	0.26	2.89	0.26	0.17	7.21	22.39	2909.68	186.79	2.31	0.40	0.26	0.26	
9	0.26	0.35	0.26	0.21	4.65	36.65	595.41	109.12	1.53	0.40	0.26	0.26	
10	0.26	0.30	0.26	0.21	3.20	38.60	419.00	97.06	1.30	0.35	0.26	0.26	
11	0.26	0.30	0.26	0.50	2.31	72.30	222.59	51.53	0.87	0.35	0.26	0.26	
12	0.26	0.30	0.26	0.26	1.30	27.45	144.62	36.65	0.80	0.35	0.26	0.26	
13	0.26	0.30	0.26	0.26	1.78	10.14	109.12	25.73	0.74	0.35	0.30	0.26	
14	0.30	0.30	0.26	0.26	10.14	360.12	113.37	18.45	0.74	0.35	0.26	0.26	
15	0.26	0.26	0.26	0.26	20.78	1537.29	181.32	15.14	0.68	0.35	0.26	0.26	
16	0.26	0.30	0.30	0.26	15.14	767.17	935.62	14.08	0.68	0.35	0.26	0.21	
17	0.26	0.26	0.26	0.26	7.91	235.30	324.66	11.08	0.62	0.35	0.30	0.21	
18	0.26	0.26	0.26	0.26	5.88	113.37	203.98	9.38	0.62	0.35	0.30	0.21	
19	0.40	0.30	0.26	0.26	6.53	79.12	144.62	7.91	0.62	0.30	0.30	0.26	
20	0.40	0.68	0.26	0.26	4.07	82.60	93.37	6.53	0.56	0.30	0.26	0.21	
21	0.30	0.50	0.26	0.26	2.31	57.06	68.97	5.25	0.56	0.30	0.26	0.21	
22	0.30	0.26	0.26	0.26	4.07	57.06	51.53	4.65	0.56	0.30	0.26	0.26	
23	0.30	0.26	0.21	0.26	27.45	31.02	34.74	3.52	0.56	0.30	0.26	0.21	
24	0.30	0.26	0.21	0.26	13.05	18.45	197.91	2.89	0.56	0.30	0.26	0.21	
25	0.30	0.26	0.21	0.26	6.53	14.08	2015.39	2.89	0.50	0.30	0.26	0.21	
26	0.30	0.26	0.21	0.26	3.52	14.08	6491.99	2.60	0.50	0.30	0.26	0.21	
27	0.30	0.26	0.21	0.26	2.04	14.08	1887.01	2.60	0.50	0.30	0.26	0.21	
28	0.30	0.26	0.21	0.26	1.30	7.21	582.83	2.31	0.50	0.30	0.26	0.21	
29	0.30	0.26	0.26	0.26	0.87	5.25	276.80	2.04	0.50	0.26		0.17	
30	0.30	0.26	0.26	0.35	0.80	51.53	159.99	1.78	0.50	0.26		0.21	
31		0.26		0.30	0.74		104.93		0.50	0.26		0.21	
Total	8.47	12.06	7.54	7.85	236.31	4173.69	25514.37	1044.93	34.95	10.78	7.44	7.32	31065.71 Ton/day
Mean	0.28	0.39	0.25	0.25	7.62	139.12	823.04	34.83	1.13	0.35	0.27	0.24	Ton/day
Max	0.40	2.89	0.30	0.50	27.45	1537.29	6491.99	186.79	7.21	0.45	0.30	0.26	6491.99 Ton/day
Min	0.21	0.26	0.21	0.17	0.35	0.68	34.74	1.78	0.50	0.26	0.26	0.17	0.17 Ton/day

WATER YEAR : 2005**MAE KLONG RIVER BASIN****Huai Kui Mang at Ban Kui Mang , Kanchanaburi (K.60)**

Lat 14 - 37 - 32 N Long 98 - 43 - 50 E

Location : on right bank at the bridge on road.

	Ban Kui Mang	Amphoe Thong Pha Phum	Changwat Kanchanaburi
Drainage Area	128 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2002-Cont'd		
Actual Measurement	2002-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9223		
Remarks	Continued Sediment Station		

$$QS = 4.4816 QW^{1.25420}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.75	0.60	1.07	3.60	73.27	7.45	65.82	7.83	5.28	3.60	1.97	0.91	
2	0.75	0.52	1.07	3.60	99.03	7.08	45.62	7.83	5.28	3.60	1.97	0.91	
3	0.75	0.52	0.91	3.93	73.27	6.71	31.55	7.83	5.28	3.60	1.79	0.91	
4	0.75	0.52	1.07	2.97	57.79	7.08	19.27	7.83	4.94	3.60	1.79	0.91	
5	0.75	0.52	1.24	2.66	46.70	12.60	20.11	7.83	4.94	3.28	1.60	0.91	
6	0.75	0.52	3.93	2.66	32.47	11.36	16.89	7.83	4.94	3.28	1.60	0.91	
7	0.75	0.52	5.28	2.66	22.66	14.57	13.02	7.83	4.94	3.28	1.42	0.75	
8	0.75	0.91	5.63	2.66	18.67	9.76	11.77	7.83	4.59	3.28	1.42	0.60	
9	0.75	0.60	3.93	3.60	17.48	10.56	11.36	7.83	4.59	2.97	1.42	0.60	
10	0.75	0.60	4.26	5.99	14.00	12.60	11.36	7.83	4.59	2.97	1.42	0.75	
11	0.75	0.60	6.35	4.94	11.77	34.33	10.96	7.45	4.59	2.97	1.42	0.75	
12	0.75	0.91	5.63	4.59	22.66	20.95	10.56	7.45	4.59	2.97	1.42	0.75	
13	0.75	1.97	4.59	5.63	68.16	15.14	10.16	7.45	4.26	2.97	1.42	0.75	
14	0.75	0.75	4.26	5.63	65.82	42.40	10.16	7.45	4.26	2.97	1.97	0.75	
15	0.75	0.60	4.26	5.28	42.40	620.81	15.72	7.83	4.26	2.66	1.97	0.60	
16	0.75	0.60	3.93	4.59	27.03	209.68	11.36	8.21	4.26	2.66	1.79	0.60	
17	0.75	0.60	4.59	3.93	20.11	68.16	10.16	8.21	4.26	2.66	1.60	0.52	
18	0.75	0.60	3.93	3.60	16.30	44.54	9.37	7.45	4.26	2.66	1.60	0.60	
19	0.75	0.75	3.28	3.28	14.57	41.34	8.98	7.08	4.26	2.66	1.42	0.75	
20	0.75	0.75	2.66	3.28	17.48	48.88	8.98	6.71	4.26	2.66	1.42	1.24	
21	0.75	0.75	2.36	3.60	14.57	31.55	8.98	6.35	3.93	2.36	1.42	1.07	
22	0.75	0.75	1.97	4.26	14.00	26.14	8.98	5.99	3.93	2.36	1.60	0.91	
23	0.60	1.07	1.97	4.94	15.72	21.80	8.59	5.63	3.93	2.36	1.60	0.91	
24	0.60	0.91	1.79	8.59	11.77	24.39	8.59	5.63	3.93	2.17	1.42	0.75	
25	0.60	0.91	1.60	91.72	9.76	20.95	8.59	5.63	3.93	2.17	1.42	0.75	
26	0.60	0.91	1.79	24.39	8.59	17.48	8.98	5.28	3.93	2.17	1.24	0.60	
27	0.60	0.91	1.97	29.72	8.59	15.14	9.37	5.28	3.93	2.17	1.07	0.52	
28	0.60	0.91	2.97	24.39	8.21	14.00	8.98	5.28	3.93	2.17	0.91	0.38	
29	0.60	0.91	5.28	18.07	8.21	14.00	8.59	5.28	3.93	1.97		0.75	
30	0.60	0.91	4.26	51.08	8.21	40.29	8.21	5.28	3.60	1.97		1.07	
31		0.91		81.68	7.83		7.83		3.60	1.97		1.07	
Total	21.30	23.81	97.83	421.52	877.10	1471.74	448.87	209.22	135.20	85.14	43.11	24.25	3859.09 Tonday
Mean	0.71	0.77	3.26	13.60	28.29	49.06	14.48	6.97	4.36	2.75	1.54	0.78	Ton/day
Max	0.75	1.97	6.35	91.72	99.03	620.81	65.82	8.21	5.28	3.60	1.97	1.24	620.81 Ton/day
Min	0.60	0.52	0.91	2.66	7.83	6.71	7.83	5.28	3.60	1.97	0.91	0.38	0.38 Ton/day

WATER YEAR : 2005

MAE KLONG RIVER BASIN

Lam Phachi at Ban Dan Thaptako , Ratchaburi (K.61)

Lat 13 - 41 - 28 N Long 99 - 27 - 08 E

Location : on right bank at the bridge on highway.

	Ban Dan Thaptako	Amphoe Chom Bung	Changwat Ratchaburi
Drainage Area	1,844 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2003-Cont'd		
Actual Measurement	2003-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	30		
R-Square	0.9325		
Remarks	Continued Sediment Station		

$$QS = 2.5362 QW^{1.47430}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.56	3.32	5.07	2.17	344.93	22.23	1897.45	487.39	29.81	9.79	2.39	3.08	
2	1.37	3.08	3.32	0.47	600.87	19.58	1145.46	416.11	32.83	8.66	2.39	3.08	
3	1.37	3.08	2.84	0.00	524.37	21.34	536.88	381.86	32.83	7.05	2.84	3.08	
4	3.32	3.65	2.39	0.00	225.70	43.56	499.62	326.92	31.82	6.23	3.08	3.08	
5	16.76	3.08	2.17	0.39	128.08	94.08	416.11	300.50	43.56	6.64	3.08	3.08	
6	23.14	3.32	2.61	0.24	121.02	124.14	381.86	238.49	114.85	9.79	3.08	2.84	
7	12.19	7.05	2.84	0.00	94.08	132.07	300.50	225.70	335.89	11.57	2.84	2.84	
8	6.64	20.45	3.08	0.02	80.09	136.09	278.19	206.95	156.76	23.14	2.17	2.61	
9	5.07	14.09	2.61	0.17	56.01	121.02	575.00	200.81	75.59	18.86	1.76	2.61	
10	4.34	9.79	1.76	0.86	43.56	108.78	487.39	194.74	43.56	13.45	1.96	2.61	
11	3.08	11.57	1.96	0.31	35.95	73.38	2708.54	182.77	24.99	9.79	1.37	1.76	
12	2.84	9.79	2.84	0.17	40.60	65.99	1145.46	161.00	24.06	9.79	1.37	1.37	
13	7.57	6.64	3.08	0.24	84.68	60.94	524.37	156.76	22.23	7.05	1.37	1.08	
14	21.34	4.70	3.08	3.99	200.81	82.37	511.95	152.55	20.45	5.84	1.37	0.76	
15	10.37	2.84	3.08	7.05	232.07	99.88	562.20	148.38	22.23	5.84	1.76	0.66	
16	8.66	3.08	3.32	26.89	161.00	148.38	475.26	121.02	20.45	5.45	2.17	0.56	
17	7.57	3.08	3.32	8.66	111.80	206.95	754.19	91.70	24.06	5.07	3.08	0.56	
18	3.99	3.99	3.99	7.57	82.37	318.04	820.50	82.37	24.06	5.45	3.65	0.47	
19	2.17	5.07	4.34	5.84	62.61	372.51	3071.92	82.37	24.99	6.23	4.34	0.47	
20	1.96	5.84	4.34	3.65	49.66	300.50	2448.40	77.83	21.34	5.84	4.70	0.47	
21	2.39	7.05	3.65	3.32	39.15	128.08	1510.67	65.99	17.45	4.34	3.99	0.47	
22	2.84	14.09	2.84	3.08	51.22	67.71	1687.64	54.40	12.81	4.34	3.08	0.47	
23	2.39	15.41	2.84	2.84	80.09	52.80	1791.55	49.66	14.09	5.07	2.84	0.47	
24	1.76	16.08	1.19	3.99	60.94	45.06	4447.24	43.56	17.45	4.34	4.34	0.47	
25	1.08	16.08	0.47	23.14	51.22	39.15	14964.81	40.60	16.08	3.08	3.99	0.47	
26	1.37	14.74	0.47	64.29	38.07	34.90	10498.10	35.95	16.76	3.32	3.65	0.47	
27	1.37	11.57	0.31	56.01	32.83	30.81	4756.52	35.95	18.15	4.34	3.32	0.47	
28	1.76	9.79	0.17	57.64	37.01	26.89	2412.66	34.90	19.58	4.34	3.99	0.47	
29	3.65	7.05	0.11	71.18	35.95	23.14	1585.74	30.81	15.41	4.34		0.47	
30	7.05	6.64	0.06	132.07	30.81	59.28	1145.46	28.83	14.74	4.34		0.47	
31		7.57		225.70	24.99		705.65		13.45	3.99		0.47	
Total	170.97	253.58	74.15	711.95	3762.54	3059.65	65047.29	4656.87	1302.33	227.37	79.97	42.24	79388.91 Tonday
Mean	5.70	8.18	2.47	22.97	121.37	101.99	2098.30	155.23	42.01	7.33	2.86	1.36	Ton/day
Max	23.14	20.45	5.07	225.70	600.87	372.51	14964.81	487.39	335.89	23.14	4.70	3.08	14964.81 Ton/day
Min	1.08	2.84	0.06	0.00	24.99	19.58	278.19	28.83	12.81	3.08	1.37	0.47	0.00 Ton/day

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlung Phra Prong at Ban Non Suk Phum , Prachin Buri (Kgt.13A)

Lat 13 - 54 - 29 N Long 101 - 50 - 32 E

Location : on left bank about 21 kilometers upstream from station Kgt.13

	Ban Non Suk Phum	Amphoe Kabin Buri	Changwat Prachin Buri
Drainage Area	4,906 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	1998-2005		
Number of observation	152		
R-Square	0.9003		
Remarks	Continued Sediment Station		

$$QS = 5.9893 QW^{1.16890}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	159.79	134.78	43.93	454.55	1142.91	58.24	9.62	0.00	0.00	
2	0.00	0.00	0.00	245.39	180.23	54.37	341.64	918.35	59.21	9.62	0.00	0.00	
3	0.00	0.00	0.00	216.91	201.93	90.95	1629.09	743.06	57.27	10.37	0.00	0.00	
4	0.00	0.00	0.00	24.18	349.18	97.52	1280.11	680.24	52.45	10.37	0.00	0.00	
5	0.00	0.00	0.00	43.00	235.84	124.95	927.04	572.52	47.69	10.37	0.00	0.00	
6	0.00	0.00	0.00	79.34	105.42	346.66	854.64	556.72	40.22	8.88	0.00	0.00	
7	0.00	0.00	0.00	148.04	104.05	331.61	698.58	743.06	49.58	5.99	0.00	0.00	
8	0.00	0.00	0.00	123.32	88.36	344.15	572.52	823.19	41.14	6.70	0.00	0.00	
9	0.00	0.00	0.00	44.87	108.08	371.96	598.17	765.45	39.30	6.70	0.00	0.00	
10	0.00	0.00	1.47	46.75	669.15	650.92	1005.85	694.96	43.00	6.70	0.00	0.00	
11	0.00	0.00	14.26	38.38	1274.79	1148.14	940.11	1065.10	59.21	5.99	0.00	0.00	
12	0.00	0.00	39.30	64.11	1248.25	1597.65	896.65	1290.75	55.33	5.99	0.00	0.00	
13	0.00	0.00	25.04	62.15	351.70	1704.88	784.11	1069.99	35.65	3.30	0.00	0.00	
14	0.00	0.00	18.30	39.30	158.11	1553.80	713.37	892.32	32.95	0.00	0.00	0.00	
15	0.00	0.00	8.88	26.77	109.35	3675.23	1036.74	604.58	43.93	0.00	0.00	0.00	
16	0.00	0.00	5.99	32.05	104.05	5739.97	1660.60	302.30	40.22	0.00	0.00	0.00	
17	0.00	0.00	21.63	26.77	163.17	5807.99	1717.56	275.82	27.64	0.00	0.00	0.00	
18	0.00	0.00	90.95	29.39	138.08	5921.99	1685.88	249.23	23.33	0.00	0.00	0.00	
19	0.00	0.00	34.75	38.38	112.02	6237.99	1730.57	241.56	20.79	0.00	0.00	0.00	
20	0.00	0.00	26.77	50.54	101.41	6441.57	1472.84	207.53	15.86	0.00	0.00	0.00	
21	0.00	0.00	20.79	69.27	84.45	6441.57	1158.62	176.80	14.26	0.00	0.00	0.00	
22	0.00	0.00	15.86	52.45	73.08	6226.34	997.05	141.39	23.33	0.00	0.00	0.00	
23	0.00	0.00	10.37	40.22	80.67	5991.84	870.72	126.58	25.04	0.00	0.00	0.00	
24	0.00	0.00	6.70	30.28	67.08	4449.96	636.75	98.78	21.63	0.00	0.00	0.00	
25	0.00	0.00	5.30	34.75	106.69	3990.06	743.06	70.57	16.66	0.00	0.00	0.00	
26	0.00	0.00	5.30	46.75	44.87	2424.08	1491.46	61.17	18.30	0.00	0.00	0.00	
27	0.00	0.00	32.95	54.37	49.58	1274.79	2143.52	59.21	9.62	0.00	0.00	0.00	
28	0.00	0.00	43.93	70.57	63.13	975.09	2650.58	58.24	8.88	0.00	0.00	0.00	
29	0.00	0.00	35.65	113.41	44.87	683.84	2659.02	69.27	8.88	0.00		0.00	
30	0.00	0.00	32.95	166.57	51.49	467.66	2332.67	66.09	8.14	0.00		0.00	
31		0.00		136.43	50.54		2011.98		6.70	0.00		0.00	
Total	0.00	0.00	497.14	2354.50	6654.40	75211.47	38696.06	14767.74	1004.45	100.60	0.00	0.00	139286.36 Tonday
Mean	0.00	0.00	16.57	75.95	214.66	2507.05	1248.26	492.26	32.40	3.25	0.00	0.00	Ton/day
Max	0.00	0.00	90.95	245.39	1274.79	6441.57	2659.02	1290.75	59.21	10.37	0.00	0.00	6441.57 Ton/day
Min	0.00	0.00	0.00	24.18	44.87	43.93	341.64	58.24	6.70	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

PRACHIN BURI RIVER BASIN

Khlong Phra Sathung at Ban Tharapha , Sa Kaeo (Kgt.42)

Lat 13 - 59 - 21 N Long 101 - 57 - 30 E

Location : on left bank at the bridge.

	Ban Tharapha	Amphoe Mueang	Changwat Sa Kaeo
Drainage Area	2,558 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	17		
R-Square	0.8776		
Remarks	Continued Sediment Station		

$$QS = 13.8520 QW^{1.1007}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	24.84	229.20	37.98	611.99	561.30	40.49	10.39	0.00	0.00	
2	0.00	0.00	0.00	38.81	273.32	134.75	1042.83	396.50	38.81	10.39	0.00	0.00	
3	0.00	0.00	0.00	95.90	627.96	252.56	1359.24	311.81	38.81	10.39	0.00	0.00	
4	0.00	0.00	0.00	110.56	470.45	191.85	692.01	211.92	34.65	10.09	0.00	0.00	
5	0.00	0.00	0.00	41.33	191.85	608.75	605.74	155.54	33.82	9.65	0.00	0.00	
6	0.00	0.00	0.00	24.84	131.00	621.48	621.48	279.14	35.48	9.65	0.00	0.00	
7	0.00	0.00	0.00	14.62	112.40	393.60	335.82	479.72	34.65	9.65	0.00	0.00	
8	0.00	0.00	0.00	11.58	58.47	305.94	402.72	378.30	34.65	9.65	0.00	0.00	
9	0.00	0.00	0.00	13.85	785.67	554.88	372.12	314.86	30.53	9.35	0.00	0.00	
10	0.00	0.00	0.00	8.18	2043.02	939.18	332.76	823.26	19.27	9.35	0.00	0.00	
11	0.00	0.00	0.00	9.35	2300.86	1184.04	305.94	1120.06	16.93	8.62	0.00	0.00	
12	0.00	0.00	0.00	16.93	1142.87	1317.54	287.98	1179.46	16.16	7.17	0.00	0.00	
13	0.00	0.00	0.00	85.04	451.96	1193.20	220.55	688.74	13.09	7.17	0.00	0.00	
14	0.00	0.00	0.00	194.57	284.96	1494.36	255.55	369.23	10.84	6.74	0.00	0.00	
15	0.00	0.00	0.00	125.39	186.04	3688.42	511.02	194.57	10.09	0.00	0.00	0.00	
16	0.00	0.00	0.00	99.55	418.10	4736.42	845.44	214.86	9.06	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	356.90	5795.64	539.30	214.86	8.62	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	223.49	6467.84	1079.11	177.55	10.84	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	155.54	6146.21	611.99	123.53	13.09	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	123.53	5215.69	381.19	79.65	15.38	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	95.90	3346.83	302.91	55.00	15.38	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	77.87	2840.47	270.32	44.72	13.85	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	58.47	3540.02	220.55	27.26	11.13	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	170.83	3169.69	203.32	9.06	10.84	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	92.27	1944.29	489.22	3.95	10.84	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	43.02	1299.05	1775.53	4.36	10.39	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	39.65	1065.50	2704.30	5.05	10.39	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	39.65	1308.29	1821.94	5.33	10.39	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	39.65	1401.05	2756.22	5.33	10.09	0.00		0.00	
30	0.00	0.00	0.00	0.00	72.53	832.13	2557.69	6.74	10.09	0.00		0.00	
31		0.00		0.00	39.65		1234.52		10.09	0.00		0.00	
Total	0.00	0.00	0.00	915.34	11337.08	62027.65	25751.30	8441.66	588.74	128.26	0.00	0.00	109190.03 Tonday
Mean	0.00	0.00	0.00	57.21	365.71	2067.59	830.69	281.39	18.99	9.16	0.00	0.00	518.68 Ton/day
Max	0.00	0.00	0.00	194.57	2300.86	6467.84	2756.22	1179.46	40.49	10.39	0.00	0.00	6467.84 Ton/day
Min	0.00	0.00	0.00	8.18	39.65	37.98	203.32	3.95	8.62	6.74	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

BANG PAKONG RIVER BASIN

Lower Khlong Ban Na at Ban Pa Kha , Nakhon Nayok (Ny.3)

Lat 14 - 17 - 04 N Long 101 - 04 - 28 E

Location : on left bank near Wat Ban Pa Kha.

	Ban Pa Kha	Amphoe Ban Na	Changwat Nakhon Nayok
Drainage Area	203 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	1999-2005		
Number of observation	153		
R-Square	0.7821		
Remarks	Continued Sediment Station		

$$QS = 9.9429 QW^{0.80930}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	31.15	3.13	6.40	32.37	16.00	14.18	5.30	4.93	2.81	
2	0.00	0.00	0.00	22.81	2.26	10.34	30.22	12.68	13.51	5.21	5.21	2.92	
3	0.00	0.00	0.00	16.79	2.14	16.79	29.60	12.06	12.68	5.12	5.12	2.92	
4	0.00	0.00	0.00	13.13	19.65	15.78	37.99	10.98	11.45	4.93	4.93	2.81	
5	0.00	0.00	0.00	12.52	12.68	18.89	40.78	13.36	10.82	4.83	4.83	2.81	
6	0.00	0.00	0.00	16.36	5.40	29.91	54.80	31.15	9.46	4.83	4.83	2.26	
7	0.00	0.00	0.00	16.79	3.95	23.99	53.34	90.81	19.44	4.83	4.83	1.02	
8	0.00	0.00	0.00	18.13	2.92	20.19	40.09	106.18	16.14	4.83	4.83	0.88	
9	0.00	0.00	0.00	17.71	1.16	19.65	31.46	97.39	11.45	4.74	4.74	0.73	
10	0.00	0.00	0.00	16.79	2.26	17.35	26.77	92.57	9.94	4.45	4.45	0.88	
11	0.00	0.00	0.00	7.88	2.26	15.78	23.80	81.71	9.21	4.35	4.35	4.15	
12	0.00	0.00	3.45	7.36	2.14	13.95	21.01	58.17	8.55	4.25	4.25	3.95	
13	0.00	0.00	10.98	7.10	2.14	12.29	19.24	49.79	7.79	4.25	4.25	3.95	
14	0.00	0.00	8.80	6.93	2.03	29.91	17.14	39.04	7.45	4.25	4.25	3.45	
15	0.00	0.00	7.54	6.58	2.70	382.52	20.19	52.85	7.28	4.25	4.25	2.92	
16	0.00	0.00	6.84	6.40	2.37	305.08	32.68	44.38	7.10	4.25	4.25	1.79	
17	0.00	0.00	5.86	6.40	2.26	124.35	25.81	46.46	6.84	4.25	4.25	1.54	
18	0.00	0.00	6.22	5.86	2.26	68.72	20.60	87.78	6.66	4.15	4.15	1.54	
19	0.00	0.00	7.54	5.67	2.14	61.02	18.33	55.28	6.40	4.15	4.15	1.67	
20	0.00	0.00	7.88	5.40	3.85	67.70	16.36	48.13	6.40	3.95	3.95	1.67	
21	0.00	0.00	7.71	5.30	20.80	109.44	15.35	37.28	6.13	3.95	3.85	1.79	
22	0.00	0.00	7.28	5.30	21.81	87.78	13.73	38.34	6.13	3.95	3.75	2.03	
23	0.00	0.00	6.13	5.21	7.54	82.30	12.06	34.19	5.86	3.95	3.45	2.03	
24	0.00	0.00	6.22	5.21	21.41	61.02	11.21	10.58	5.67	3.95	3.85	2.03	
25	0.00	0.00	6.58	14.18	18.33	45.68	11.68	12.29	5.67	3.85	3.85	2.14	
26	0.00	0.00	19.85	14.98	13.13	35.98	11.45	25.81	5.67	3.95	2.92	1.79	
27	0.00	0.00	30.84	6.40	9.70	33.89	14.98	14.77	5.77	4.15	2.81	1.54	
28	0.00	0.00	22.61	4.64	8.13	31.15	28.98	16.36	6.13	4.15	2.81	1.42	
29	0.00	0.00	20.60	4.35	7.28	32.07	26.45	15.57	5.58	4.15		1.79	
30	0.00	0.00	35.09	3.45	6.49	33.59	21.81	15.13	5.30	4.15		1.16	
31		0.00		3.24	6.13		18.68		5.30	4.15		1.16	
Total	0.00	0.00	228.02	320.02	220.45	1813.51	778.96	1267.09	265.96	135.52	118.09	65.55	5213.17 Ton/day
Mean	0.00	0.00	7.60	10.32	7.11	60.45	25.13	42.24	8.58	4.37	4.22	2.11	Ton/day
Max	0.00	0.00	35.09	31.15	21.81	382.52	54.80	106.18	19.44	5.30	5.21	4.15	382.52 Ton/day
Min	0.00	0.00	0.00	3.24	1.16	6.40	11.21	10.58	5.30	3.85	2.81	0.73	0.00 Ton/day

WATER YEAR : 2005

BANG PAKONG RIVER BASIN

Khlong Samo Pun at Ban Noen Hom , Prachin Buri (Ny.4)

Lat 14 - 17 - 27 N Long 101 - 24 - 25 E

Location : on left bank at the bridge of Prachin Buri - Khao Yai Highway.

	Ban Noen Hom	Amphoe Mueang	Changwat Prachin Buri
Drainage Area	128 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1986-Cont'd		
Actual Measurement	1986-Cont'd		
Using Rating Curve Water Year	1986-2005		
Number of observation	279		
R-Square	0.7886		
Remarks	Continued Sediment Station		

$$QS = 3.1870 QW^{1.40400}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	808.00	2222.00	1892.00	7860.00	6675.00	354.00	484.00	91.00	27.00	22.00	
2	0.00	0.00	625.00	1733.00	2055.00	4848.00	5007.00	329.00	457.00	91.00	27.00	22.00	
3	0.00	0.00	625.00	1210.00	78454.00	10389.00	5658.00	305.00	431.00	91.00	27.00	22.00	
4	0.00	0.00	484.00	872.00	12551.00	8597.00	17359.00	282.00	405.00	91.00	27.00	22.00	
5	0.00	0.00	457.00	7142.00	6675.00	5991.00	13675.00	1502.00	379.00	81.00	27.00	18.00	
6	0.00	0.00	872.00	4848.00	5991.00	4227.00	7860.00	5007.00	354.00	81.00	27.00	18.00	
7	0.00	0.00	539.00	4076.00	4380.00	3062.00	5329.00	4380.00	329.00	81.00	27.00	18.00	
8	0.00	0.00	5991.00	4848.00	4076.00	5991.00	3926.00	10653.00	305.00	71.00	22.00	18.00	
9	0.00	0.00	2055.00	2834.00	3926.00	13110.00	3202.00	10389.00	282.00	71.00	22.00	18.00	
10	0.00	0.00	12829.00	1973.00	5007.00	14754.00	2479.00	7619.00	259.00	62.00	22.00	14.00	
11	0.00	0.00	3631.00	1427.00	3778.00	8597.00	2138.00	7142.00	236.00	62.00	22.00	14.00	
12	0.00	0.00	1812.00	1281.00	10918.00	5658.00	1812.00	5658.00	215.00	62.00	22.00	14.00	
13	0.00	0.00	1140.00	1071.00	20881.00	4227.00	1892.00	7142.00	193.00	62.00	22.00	14.00	
14	0.00	0.00	2055.00	1281.00	20481.00	128693.00	1973.00	6908.00	173.00	53.00	22.00	18.00	
15	0.00	0.00	1210.00	1140.00	18901.00	66542.00	1502.00	4076.00	173.00	53.00	22.00	18.00	
16	0.00	0.00	937.00	2055.00	11455.00	16979.00	1210.00	4534.00	173.00	53.00	22.00	18.00	
17	0.00	0.00	872.00	1578.00	7379.00	11727.00	1140.00	5168.00	173.00	53.00	22.00	18.00	
18	0.00	0.00	1578.00	2744.00	18512.00	19293.00	937.00	2924.00	153.00	45.00	27.00	18.00	
19	0.00	0.00	1502.00	1578.00	27493.00	106131.00	808.00	2392.00	153.00	45.00	27.00	22.00	
20	0.00	0.00	2138.00	1578.00	8104.00	102685.00	685.00	1973.00	134.00	45.00	27.00	22.00	
21	0.00	0.00	1281.00	872.00	16979.00	24164.00	596.00	1655.00	123.00	45.00	27.00	22.00	
22	0.00	0.00	1140.00	1140.00	26973.00	25941.00	539.00	1281.00	123.00	45.00	22.00	22.00	
23	0.00	7.00	1003.00	2307.00	14754.00	56463.00	484.00	1210.00	112.00	45.00	22.00	22.00	
24	0.00	173.00	12551.00	7860.00	7860.00	17741.00	457.00	937.00	101.00	37.00	22.00	22.00	
25	0.00	153.00	7619.00	7619.00	5007.00	10653.00	457.00	808.00	101.00	37.00	22.00	18.00	
26	0.00	101.00	3631.00	8350.00	3631.00	7142.00	484.00	746.00	91.00	37.00	22.00	18.00	
27	0.00	71.00	2392.00	5007.00	2744.00	5658.00	484.00	625.00	91.00	32.00	22.00	22.00	
28	0.00	62.00	6675.00	3343.00	2566.00	12829.00	685.00	568.00	259.00	32.00	22.00	22.00	
29	0.00	112.00	2924.00	2834.00	4690.00	8597.00	484.00	539.00	193.00	27.00		45.00	
30	0.00	305.00	3778.00	2479.00	2924.00	8847.00	405.00	512.00	134.00	27.00		81.00	
31		1892.00		2055.00	2392.00		405.00		112.00	27.00		282.00	
Total	0.00	2876.00	85154.00	91357.00	363429.00	727396.00	90747.00	97618.00	6901.00	1735.00	671.00	944.00	1468828.00 Ton/day
Mean	0.00	93.00	2838.00	2947.00	11724.00	24247.00	2927.00	3254.00	223.00	56.00	24.00	30.00	Ton/day
Max	0.00	1892.00	12829.00	8350.00	78454.00	128693.00	17359.00	10653.00	484.00	91.00	27.00	282.00	128693.00 Ton/day
Min	0.00	0.00	457.00	872.00	1892.00	3062.00	405.00	282.00	91.00	27.00	22.00	14.00	0.00 Ton/day

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khleng Prasae at Ban Khao Chik , Rayong (Z.11)

Lat 12 - 51 - 20 N Long 101 - 37 - 09 E

Location : on left bank near the Meteorological Station.

	Ban Khao Chik	Amphoe Klaeng	Changwat Rayong
Drainage Area	1,236 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	1996-2005		
Number of observation	178		
R-Square	0.8392		
Remarks	Continued Sediment Station		

$$QS = 6.3240 QW^{1.12190}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	29.11	77.18	27.44	29.95	33.33	51.64	588.91	54.32	35.89	33.33	26.61	26.61	
2	26.61	77.18	34.18	29.95	32.48	100.82	502.56	51.64	35.89	32.48	26.61	25.79	
3	25.79	77.18	33.33	29.11	31.64	85.61	377.73	47.21	35.04	29.95	26.61	25.79	
4	26.61	77.18	32.48	29.11	32.48	216.29	440.22	47.21	34.18	29.95	25.79	25.79	
5	26.61	77.18	31.64	35.04	32.48	226.73	459.39	44.57	35.89	29.11	24.96	24.14	
6	24.96	77.18	34.18	43.69	32.48	152.86	301.19	117.25	42.82	29.95	24.96	24.14	
7	24.14	77.18	33.33	37.61	32.48	79.98	194.54	216.29	40.20	29.11	24.14	23.32	
8	22.50	58.82	31.64	34.18	32.48	94.13	132.95	126.05	38.47	29.11	22.50	22.50	
9	20.88	51.64	29.95	32.48	32.48	79.98	113.36	122.13	35.89	29.11	20.88	20.08	
10	24.96	50.75	29.11	32.48	31.64	90.34	94.13	159.90	35.04	28.28	20.08	19.27	
11	25.79	50.75	28.28	31.64	31.64	106.59	77.18	166.97	34.18	29.11	18.47	19.27	
12	24.96	50.75	29.11	31.64	31.64	159.90	60.63	97.95	33.33	29.11	18.47	18.47	
13	23.32	51.64	29.95	37.61	32.48	211.09	60.63	67.02	33.33	29.11	22.50	22.50	
14	22.50	48.98	29.95	73.47	31.64	1093.73	65.19	54.32	33.33	29.11	20.08	28.28	
15	20.88	48.98	29.95	43.69	31.64	2027.89	85.61	53.43	32.48	33.33	20.88	27.44	
16	19.27	48.98	29.95	35.04	31.64	1869.21	126.05	56.12	31.64	32.48	24.14	25.79	
17	18.47	50.75	29.95	33.33	31.64	1250.13	179.17	100.82	31.64	29.11	26.61	25.79	
18	16.89	47.21	29.11	35.04	31.64	478.65	170.01	61.54	29.95	34.18	27.44	29.11	
19	16.10	35.04	28.28	33.33	31.64	196.60	117.25	53.43	29.95	35.89	27.44	29.95	
20	90.34	32.48	57.92	32.48	31.64	154.87	73.47	51.64	29.95	34.18	28.28	29.11	
21	79.98	29.95	102.74	33.33	29.95	136.91	58.82	44.57	29.95	38.47	28.28	28.28	
22	41.07	29.95	111.42	33.33	33.33	140.88	60.63	42.82	29.95	37.61	28.28	27.44	
23	35.04	29.11	113.36	32.48	51.64	115.30	53.43	37.61	29.11	37.61	29.11	26.61	
24	33.33	29.11	106.59	32.48	46.32	90.34	57.92	31.64	29.11	35.04	29.11	25.79	
25	31.64	28.28	83.73	32.48	37.61	79.98	157.88	29.95	29.11	35.89	29.11	24.96	
26	37.61	28.28	79.98	35.04	34.18	94.13	307.68	35.04	29.11	35.04	29.11	23.32	
27	48.98	27.44	71.62	33.33	33.33	149.85	301.19	35.89	29.11	29.95	27.44	20.88	
28	58.82	25.79	37.61	32.48	32.48	621.52	164.94	37.61	32.48	29.11	27.44	19.27	
29	63.36	25.79	32.48	32.48	31.64	270.07	96.04	35.89	35.89	28.28		32.48	
30	77.18	26.61	31.64	31.64	65.19	191.45	75.33	35.89	35.04	27.44		57.92	
31		26.61		32.48	60.63		60.63		33.33	27.44		57.92	
Total	1037.70	1473.95	1410.90	1082.42	1097.51	10617.47	5614.66	2116.72	1031.28	977.87	705.33	838.01	28003.82 Ton/day
Mean	34.59	47.55	47.03	34.92	35.40	353.92	181.12	70.56	33.27	31.54	25.19	27.03	Ton/day
Max	90.34	77.18	113.36	73.47	65.19	2027.89	588.91	216.29	42.82	38.47	29.11	57.92	2027.89 Ton/day
Min	16.10	25.79	27.44	29.11	29.95	51.64	53.43	29.95	29.11	27.44	18.47	18.47	16.10 Ton/day

WATER YEAR : 2005

EAST COAST - GULF BASIN

Chanthaburi River at Ban Puk , Chanthaburi (Z.13)

Lat 12 - 45 - 38 N Long 102 - 08 - 33 E

Location : on left bank at Ban Puk

	Ban Puk	Amphoe Makham	Changwat Chanthaburi
Drainage Area	647 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1978-Cont'd		
Actual Measurement	1978-Cont'd		
Using Rating Curve Water Year	1978-2005		
Number of observation	257		
R-Square	0.7379		
Remarks	Continued Sediment Station		

$$QS = 0.7586 QW^{1.44290}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	2.21	8.65	8.65	259.16	257.19	277.06	83.50	30.71	19.53	4.25	3.18	
2	3.18	1.77	8.65	47.16	320.21	287.16	174.30	64.75	29.53	16.50	4.25	3.70	
3	4.82	1.77	9.35	28.36	251.32	293.27	133.54	53.10	28.36	16.50	3.70	4.25	
4	6.02	1.77	13.62	23.82	247.43	346.43	137.57	49.91	28.36	14.56	3.70	3.70	
5	4.25	2.21	19.53	731.47	287.16	313.93	108.88	78.00	28.36	14.56	4.25	3.70	
6	2.68	3.18	27.20	434.90	222.61	247.43	90.06	220.73	24.93	14.56	4.25	3.70	
7	1.77	3.70	26.06	324.42	169.56	164.80	82.57	299.42	12.70	12.70	3.70	4.25	
8	2.21	3.70	27.20	273.05	174.30	141.64	84.43	359.05	27.20	12.70	3.18	4.82	
9	5.41	4.82	35.42	263.10	311.84	328.64	72.61	404.48	27.20	11.80	2.68	4.82	
10	4.25	4.82	56.15	243.56	359.05	237.79	65.61	359.05	26.06	10.92	2.68	5.41	
11	3.70	5.41	92.92	224.49	287.16	425.70	99.70	348.94	26.06	9.35	2.68	5.41	
12	4.25	6.65	61.78	148.50	297.37	395.48	213.90	330.76	26.06	9.35	3.18	4.82	
13	4.82	7.29	52.50	98.72	309.76	356.51	192.17	295.31	24.93	9.35	3.70	4.82	
14	4.82	7.29	42.00	81.65	546.53	1229.15	187.22	265.08	23.82	9.35	5.41	3.18	
15	4.82	8.65	40.33	100.68	656.05	3881.94	210.50	251.32	22.72	9.35	3.70	2.68	
16	4.82	10.92	40.33	188.83	453.48	3771.76	210.50	237.79	20.58	9.35	2.68	2.68	
17	4.82	10.92	92.92	100.68	364.13	1249.83	230.16	202.06	20.58	8.65	2.68	2.68	
18	4.82	10.06	107.62	72.61	366.69	318.11	273.05	187.22	18.50	8.65	3.70	3.18	
19	5.41	10.06	72.16	57.18	311.84	237.79	232.06	149.89	16.50	8.65	3.70	3.18	
20	5.41	9.35	75.51	53.91	265.08	392.50	200.42	130.87	15.52	8.65	4.25	3.18	
21	5.41	8.65	115.22	52.30	243.56	328.64	166.40	87.23	14.56	7.96	3.70	3.18	
22	4.25	8.65	78.90	50.70	224.49	271.05	133.54	69.08	12.70	7.96	4.82	3.18	
23	3.18	8.65	126.90	55.54	148.50	253.27	129.54	55.54	10.92	7.96	4.25	3.18	
24	2.68	8.65	119.07	48.33	125.58	253.27	271.05	47.55	10.92	7.29	3.18	3.18	
25	2.21	7.96	152.67	46.00	108.88	167.95	269.06	40.70	10.92	6.65	2.68	3.18	
26	2.68	8.65	181.31	70.84	89.12	183.97	263.10	34.18	10.06	5.41	2.68	3.18	
27	2.21	8.65	122.97	94.84	76.19	185.62	237.79	40.33	12.70	5.41	2.68	3.18	
28	2.21	8.65	100.19	124.27	69.96	230.16	230.16	40.33	16.50	4.82	2.68	2.68	
29	1.77	7.96	92.92	149.89	120.36	179.14	210.50	38.67	32.26	4.82		12.70	
30	1.77	7.96	75.51	120.36	105.13	149.89	163.26	35.42	23.82	3.70		7.96	
31		7.29		253.27	161.67		120.36		22.72	3.70		6.65	
Total	110.65	208.27	2075.56	4572.08	7934.17	17080.01	5471.07	4860.26	656.76	300.71	98.99	129.59	43498.12 Tonday
Mean	3.69	6.72	69.19	147.49	255.94	569.33	176.49	162.01	21.19	9.70	3.54	4.18	Ton/day
Max	6.02	10.92	181.31	731.47	656.05	3881.94	277.06	404.48	32.26	19.53	5.41	12.70	3881.94 Ton/day
Min	0.00	1.77	8.65	8.65	69.96	141.64	65.61	34.18	10.06	3.70	2.68	2.68	0.00 Ton/day

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlung Phayat at Ban Chaman , Chanthaburi (Z.14)

Lat 12 - 44 - 34 N Long 102 - 12 - 35 E

Location : on left bank at the bridge of Khlung Phayat near Wat Chaman.

	Ban Chaman	Amphoe Makham	Changwat Chanthaburi
Drainage Area	229 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1978-Cont'd		
Actual Measurement	1978-Cont'd		
Using Rating Curve Water Year	1978-2005		
Number of observation	243		
R-Square	0.8169		
Remarks	Continued Sediment Station		

$$QS = 0.9795 QW^{1.45030}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	333.61	504.63	336.05	122.98	24.87	12.23	5.53	1.28	0.84	
2	0.00	0.00	0.00	248.35	432.29	127.78	82.15	21.64	12.23	5.53	1.28	2.02	
3	0.00	0.00	11.76	166.46	236.09	142.54	83.27	21.64	10.85	7.05	1.05	2.30	
4	0.00	0.00	21.01	304.84	232.04	100.25	71.15	18.55	11.30	4.47	0.65	2.02	
5	0.00	0.00	86.68	260.80	271.33	85.54	87.83	22.27	11.30	4.82	0.65	2.02	
6	0.00	0.00	26.27	295.43	166.46	78.80	74.40	108.36	11.76	4.82	0.65	1.05	
7	0.00	0.00	24.87	252.48	135.92	62.72	62.72	93.74	12.23	4.82	0.84	0.84	
8	0.00	0.00	55.61	338.75	116.91	57.61	74.40	87.83	10.85	4.82	0.84	0.84	
9	0.00	0.00	49.74	269.21	214.11	63.75	57.61	70.08	10.85	3.81	0.84	1.28	
10	0.00	0.00	127.78	265.00	129.40	52.65	49.74	47.83	10.40	3.81	0.47	1.51	
11	0.00	0.00	161.24	121.39	118.35	119.80	31.39	37.87	9.53	4.14	0.31	1.51	
12	0.00	0.00	45.00	84.40	2144.52	64.79	39.56	34.56	9.96	3.81	0.31	1.51	
13	0.00	0.00	52.65	63.75	532.71	63.75	38.71	37.04	9.53	3.49	1.05	1.28	
14	0.00	0.00	31.39	51.67	1178.22	1941.82	40.42	31.39	9.10	3.49	0.65	1.05	
15	0.00	0.00	24.87	45.94	513.94	977.14	37.04	27.71	9.10	3.18	0.47	1.05	
16	0.00	0.00	47.83	45.94	331.19	588.40	90.13	26.99	8.68	3.18	2.87	1.05	
17	0.00	0.00	93.74	37.04	262.90	277.70	67.95	22.27	7.85	3.49	1.51	1.51	
18	0.00	0.00	51.67	98.93	621.30	177.06	45.00	22.27	7.05	3.49	2.02	1.05	
19	0.00	0.00	33.75	47.83	210.19	293.09	37.87	30.64	7.05	3.18	5.53	1.51	
20	0.00	0.00	37.87	45.00	184.23	447.15	36.20	22.27	7.05	3.18	3.49	2.02	
21	0.00	0.00	45.00	70.08	139.21	232.04	29.90	21.01	6.66	2.87	2.87	1.76	
22	0.00	0.00	32.94	98.93	106.95	358.02	28.43	21.01	6.28	2.58	2.87	4.82	
23	0.00	0.00	37.04	114.03	75.49	238.12	78.80	17.99	6.28	2.87	2.87	1.28	
24	0.00	0.00	43.15	82.15	77.69	191.50	42.23	16.33	5.90	2.58	2.30	13.17	
25	0.00	0.00	90.13	66.89	67.95	135.92	50.70	16.33	5.53	2.30	1.51	3.49	
26	0.00	0.00	71.15	414.81	61.68	149.25	35.38	15.25	5.17	2.30	1.28	0.65	
27	0.00	0.00	55.61	212.15	54.62	284.12	35.38	15.25	5.17	1.76	1.28	0.17	
28	0.00	0.00	42.23	344.26	64.79	182.43	32.14	14.72	14.20	1.76	1.28	0.00	
29	0.00	0.00	1197.54	154.35	66.89	157.78	35.38	14.72	7.05	1.76		22.91	
30	0.00	0.00	254.55	135.92	86.68	131.02	29.16	13.68	6.28	1.76		6.66	
31	0.00	0.00		214.11	58.62		26.27		5.90	1.28		2.58	
Total	0.00	0.00	2853.07	5284.50	9397.30	8118.59	1654.29	976.11	273.32	107.93	43.02	85.75	28793.88 Ton/day
Mean	0.00	0.00	95.10	170.47	303.14	270.62	53.36	32.54	8.82	3.48	1.54	2.77	Ton/day
Max	0.00	0.00	1197.54	414.81	2144.52	1941.82	122.98	108.36	14.20	7.05	5.53	22.91	2144.52 Ton/day
Min	0.00	0.00	0.00	37.04	54.62	52.65	26.27	13.68	5.17	1.28	0.31	0.00	0.00 Ton/day

WATER YEAR : 2005
EAST COAST - GULF BASIN

Khlong Hin Dat at Ban Pong Rong Sen , Chanthaburi (Z.21)

Lat 12 - 47 - 15 N Long 102 - 15 - 33 E

Location : on left bank at the bridge on highway.

	Ban Pong Rong Sen	Amphoe Makham	Changwat Chanthaburi
Drainage Area	78 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1984-Cont'd		
Actual Measurement	1984-Cont'd		
Using Rating Curve Water Year	1994-2005		
Number of observation	245		
R-Square	0.7082		
Remarks	Continued Sediment Station		

$$QS = 1.7573 QW^{0.61610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	11.94	15.15	11.19	5.82	3.09	2.26	1.53	0.00	0.00	
2	0.00	0.00	0.00	7.42	11.42	7.19	4.92	2.90	2.16	1.41	0.00	0.00	
3	0.00	0.00	0.00	9.24	8.85	8.12	4.64	2.80	2.07	1.41	0.00	0.00	
4	0.00	0.00	0.00	7.42	11.42	7.26	7.34	2.90	1.97	1.53	0.00	0.00	
5	0.00	0.00	4.44	9.72	10.27	6.88	5.82	4.44	1.97	1.41	0.00	0.00	
6	0.00	0.00	1.41	9.40	8.93	6.40	5.20	6.64	2.44	1.28	0.00	0.00	
7	0.00	0.00	2.16	8.04	8.69	5.99	6.23	6.40	2.16	1.28	0.00	0.00	
8	0.00	0.00	3.28	11.04	8.61	6.31	4.83	6.88	2.07	1.28	0.00	0.00	
9	0.00	0.00	5.20	9.64	9.01	6.15	4.73	5.38	1.97	1.15	0.00	0.00	
10	0.00	0.00	7.87	8.45	7.34	5.90	4.36	5.73	1.76	1.15	0.00	0.00	
11	0.00	0.00	6.56	5.64	7.79	7.34	4.05	3.97	1.65	1.00	0.00	0.00	
12	0.00	0.00	3.09	4.64	20.88	6.15	3.88	4.64	1.97	0.84	0.00	0.00	
13	0.00	0.00	2.61	3.72	12.69	6.40	3.72	4.36	1.86	0.65	0.00	0.00	
14	0.00	0.00	2.16	3.54	15.15	21.63	3.88	3.97	1.65	0.43	0.00	0.00	
15	0.00	0.00	1.76	3.46	12.31	11.79	3.63	3.88	1.65	0.43	0.00	0.00	
16	0.00	0.00	2.52	3.54	10.58	8.45	7.87	5.64	1.53	0.00	0.00	0.00	
17	0.00	0.00	3.63	3.00	9.32	7.64	5.56	4.83	1.53	0.00	0.00	0.00	
18	0.00	0.00	2.61	5.11	13.99	7.19	4.36	4.05	1.41	0.00	0.00	0.00	
19	0.00	0.00	1.86	3.88	9.32	10.35	4.05	4.29	1.28	0.43	0.00	0.00	
20	0.00	0.00	2.52	3.80	8.69	10.27	3.88	3.97	1.28	0.00	0.00	0.00	
21	0.00	0.00	2.69	5.99	7.71	8.45	3.97	3.80	1.15	0.00	0.00	0.00	
22	0.00	0.00	2.16	7.03	7.11	10.43	3.46	3.80	1.15	0.00	0.00	0.00	
23	0.00	0.00	1.86	6.56	6.64	8.85	5.82	3.80	1.00	0.00	0.00	0.00	
24	0.00	0.00	3.54	5.47	6.56	7.64	4.83	3.63	1.00	0.00	0.00	0.00	
25	0.00	0.00	4.83	4.54	5.29	7.03	4.73	3.63	0.84	0.00	0.00	0.00	
26	0.00	0.00	4.20	11.11	5.90	6.80	4.29	3.54	1.00	0.00	0.00	0.00	
27	0.00	0.00	3.88	12.09	5.90	9.48	3.97	3.54	0.84	0.00	0.00	0.00	
28	0.00	0.00	3.97	10.50	5.73	8.12	3.63	3.46	1.00	0.00	0.00	0.00	
29	0.00	0.00	13.69	7.49	6.64	7.42	3.46	3.46	0.84	0.00		0.00	
30	0.00	0.00	11.34	8.53	6.88	6.88	3.28	3.36	0.43	0.00		0.00	
31		0.00		8.12	5.99		3.09		0.43	0.00		0.00	
Total	0.00	0.00	105.84	220.07	290.76	249.70	143.30	126.78	46.32	17.21	0.00	0.00	1199.98 Ton/day
Mean	0.00	0.00	3.53	7.10	9.38	8.32	4.62	4.23	1.49	0.56	0.00	0.00	Ton/day
Max	0.00	0.00	13.69	12.09	20.88	21.63	7.87	6.88	2.44	1.53	0.00	0.00	21.63 Ton/day
Min	0.00	0.00	0.00	3.00	5.29	5.90	3.09	2.80	0.43	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005**EAST COAST - GULF BASIN****Khlong Sato at Ban Nong Bua , Trat (Z.30)**

Lat 12 - 32 - 22 N Long 102 - 26 - 58 E

Location : on right bank at Ban Nong Bua.

	Ban Nong Bua	Amphoe Khao Saming	Changwat Trat
Drainage Area	316 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2005-Cont'd		
Actual Measurement	2005-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	21		
R-Square	0.9462		
Remarks	Continued Sediment Station		

$$QS = 0.0600 QW^{2.08520}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.79	133.03	405.43	50.41	59.27	9.08	4.95	0.52	0.00	0.00	
2	0.00	0.00	1.91	198.83	1496.00	57.92	55.27	7.92	4.49	0.52	0.00	0.00	
3	0.00	0.00	1.85	211.96	798.18	51.58	64.12	7.15	4.07	0.44	0.00	0.00	
4	0.00	0.00	2.29	181.48	377.62	69.18	54.62	7.61	3.58	0.37	0.00	0.00	
5	0.00	0.00	3.49	299.60	425.76	41.53	53.97	12.58	3.22	0.37	0.00	0.00	
6	0.00	0.00	7.45	488.65	301.92	30.82	37.43	82.76	3.04	1.12	0.00	0.00	
7	0.00	0.00	11.28	638.87	164.95	25.62	35.15	29.17	2.95	1.24	0.00	0.00	
8	0.00	0.00	10.86	279.66	108.11	25.62	69.18	73.66	2.87	0.89	0.00	0.00	
9	0.00	0.00	21.97	152.03	109.16	48.68	37.93	98.09	2.79	0.44	0.00	0.00	
10	0.00	0.00	72.91	228.09	92.52	29.99	32.95	44.76	2.71	0.15	0.00	0.00	
11	0.00	0.00	49.25	107.06	692.75	30.82	65.55	29.17	2.43	0.03	0.00	0.00	
12	0.00	0.00	21.27	69.18	642.94	28.36	27.56	44.76	2.43	0.01	0.00	0.00	
13	0.00	11.49	12.36	49.83	675.93	33.82	29.99	28.76	2.64	0.01	0.00	0.00	
14	0.00	0.25	10.31	48.68	546.95	529.11	24.13	39.46	2.36	0.01	0.00	0.00	
15	0.00	2.23	7.76	42.06	554.17	1412.70	17.34	23.76	2.79	0.01	0.00	0.00	
16	0.00	1.79	7.45	46.42	290.42	539.78	20.01	21.62	2.43	0.01	0.00	0.00	
17	0.00	1.37	7.92	31.24	186.13	138.33	32.52	19.40	2.23	0.01	0.00	0.00	
18	0.00	0.01	8.91	24.50	709.78	90.71	20.95	14.66	2.04	0.01	0.00	0.00	
19	0.00	0.00	7.61	21.97	183.02	81.90	18.21	13.48	1.97	0.01	0.00	0.00	
20	0.00	0.00	11.92	21.97	99.03	206.99	17.05	11.70	1.79	0.01	0.00	0.00	
21	0.00	0.00	13.95	26.78	75.19	141.01	15.14	10.68	1.73	0.01	0.00	0.00	
22	0.00	0.01	13.48	44.21	62.02	139.67	13.71	9.77	0.79	0.01	0.00	0.00	
23	0.00	0.01	11.92	110.22	70.66	138.33	15.93	8.57	0.01	0.01	0.00	0.00	
24	0.00	1.12	19.10	92.52	48.11	138.33	17.91	7.76	0.01	0.01	0.00	0.00	
25	0.00	0.37	59.95	118.12	38.94	99.03	21.27	7.45	0.01	0.01	0.00	0.00	
26	0.00	0.20	49.83	114.64	32.95	115.80	15.66	7.00	0.11	0.01	0.00	0.00	
27	0.00	0.11	61.33	262.87	26.01	102.91	14.18	6.56	0.15	0.01	0.00	0.00	
28	0.00	0.01	65.55	944.76	3.49	139.67	13.71	6.00	0.89	0.01	0.00	0.00	
29	0.00	0.01	127.85	297.29	48.11	101.89	11.92	5.73	0.79	0.00	0.00	0.00	
30	0.00	0.30	170.86	139.67	33.38	71.40	10.49	5.46	0.89	0.00	0.00	0.00	
31		1.12		133.03	29.17		10.68		0.79	0.00	0.00	0.00	
Total	0.00	20.40	874.38	5559.22	9328.80	4711.91	933.80	694.53	63.95	6.26	0.00	0.00	22193.25 Ton/day
Mean	0.00	0.66	29.15	179.33	300.93	157.06	30.12	23.15	2.06	0.20	0.00	0.00	Ton/day
Max	0.00	11.49	170.86	944.76	1496.00	1412.70	69.18	98.09	4.95	1.24	0.00	0.00	1496.00 Ton/day
Min	0.00	0.00	1.79	21.97	3.49	25.62	10.49	5.46	0.01	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

EAST COAST - GULF BASIN

Khlung Aeng at Ban Kho Lae , Trat (Z.45)

Lat 12 - 36 - 58 N Long 102 - 28 - 42 E

Location : on right bank near the highway bridge, Tambon Nong Bon.

	Ban Kho Lae	Amphoe Bo Rai	Changwat Trat
Drainge Area	58 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	17		
R-Square	0.9675		
Remarks	Continued Sediment Station		

$$QS = 0.1774 QW^{0.97650}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.13	0.08	0.40	1.88	5.07	2.45	0.98	0.28	0.19	0.13	0.04	0.04	
2	0.13	0.09	0.32	2.30	3.39	0.90	0.93	0.29	0.18	0.13	0.05	0.04	
3	0.17	0.08	0.35	1.44	2.75	1.26	1.26	0.30	0.18	0.15	0.04	0.05	
4	0.17	0.08	0.47	2.67	2.41	1.91	0.72	0.32	0.18	0.15	0.04	0.04	
5	0.14	0.08	0.98	1.94	1.91	0.63	0.72	0.33	0.17	0.14	0.05	0.04	
6	0.13	0.08	0.72	3.91	1.65	0.63	0.76	0.59	0.17	0.14	0.04	0.04	
7	0.11	0.07	0.78	2.63	1.44	0.59	0.76	1.50	0.15	0.13	0.04	0.04	
8	0.11	0.09	1.03	1.91	1.20	1.03	2.05	0.72	0.14	0.13	0.04	0.04	
9	0.12	0.14	2.23	1.84	1.38	0.65	0.95	0.90	0.15	0.13	0.04	0.04	
10	0.12	0.15	2.05	1.56	1.32	0.67	0.76	0.49	0.17	0.13	0.04	0.05	
11	0.10	0.14	1.23	1.23	2.01	0.63	0.61	0.88	0.15	0.13	0.03	0.05	
12	0.09	0.17	0.61	1.08	6.64	0.61	0.59	0.74	0.14	0.13	0.03	0.04	
13	0.09	0.32	0.57	1.00	3.26	0.65	0.59	0.44	0.14	0.13	0.04	0.04	
14	0.11	0.29	0.61	0.78	3.86	8.66	0.57	0.36	0.13	0.13	0.05	0.04	
15	0.10	0.28	0.65	0.78	2.67	2.37	0.55	0.33	0.11	0.13	0.04	0.04	
16	0.09	0.25	0.53	0.70	2.05	1.71	0.53	0.32	0.11	0.09	0.05	0.04	
17	0.10	0.23	0.63	0.72	1.75	1.41	0.61	0.33	0.11	0.06	0.04	0.04	
18	0.10	0.20	0.61	0.65	1.50	1.17	0.55	0.32	0.11	0.05	0.04	0.04	
19	0.11	0.17	0.46	0.57	1.47	3.65	0.46	0.32	0.11	0.05	0.04	0.05	
20	0.12	0.17	0.55	0.61	1.71	2.45	0.47	0.30	0.11	0.05	0.04	0.04	
21	0.13	0.14	0.65	0.70	1.14	1.71	0.44	0.30	0.12	0.05	0.04	0.04	
22	0.12	0.13	0.63	1.08	0.85	1.26	0.40	0.29	0.12	0.05	0.04	0.04	
23	0.11	0.14	1.84	1.05	0.83	2.63	0.37	0.29	0.11	0.03	0.04	0.05	
24	0.10	0.15	1.23	1.47	0.72	2.05	0.35	0.28	0.11	0.04	0.04	0.04	
25	0.11	0.15	2.01	1.14	0.65	1.68	0.35	0.28	0.11	0.03	0.04	0.04	
26	0.10	0.17	1.17	2.26	0.61	1.26	0.35	0.26	0.11	0.05	0.04	0.04	
27	0.09	0.14	1.03	4.00	0.57	1.38	0.35	0.26	0.11	0.05	0.04	0.04	
28	0.08	0.13	0.78	2.98	0.55	1.56	0.32	0.25	0.12	0.05	0.05	0.04	
29	0.07	0.12	1.68	1.75	0.57	1.32	0.32	0.25	0.11	0.05		0.23	
30	0.07	0.40	1.11	1.65	0.78	1.20	0.30	0.24	0.11	0.05		0.03	
31		0.30		2.08	0.63		0.29		0.11	0.05		0.04	
Total	3.32	5.13	27.91	50.36	57.34	50.08	19.26	12.76	4.14	2.81	1.15	1.47	235.73 Tonday
Mean	0.11	0.17	0.93	1.62	1.85	1.67	0.62	0.43	0.13	0.09	0.04	0.05	Ton/day
Max	0.17	0.40	2.23	4.00	6.64	8.66	2.05	1.50	0.19	0.15	0.05	0.23	8.66 Ton/day
Min	0.07	0.07	0.32	0.57	0.55	0.59	0.29	0.24	0.11	0.03	0.03	0.03	0.03 Ton/day

WATER YEAR : 2005

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Tha Yang , Phetchaburi (B.10)

Lat 12 - 58 - 21 N Long 99 - 53 - 07 E

Location : on left bank at the bridge of Ban Tha Yang.

	Ban	Tha Yang	Amphoe	Tha Yang	Changwat	Phetchaburi
Drainage Area	4,076	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1997-Cont'd					
Actual Measurement	1997-Cont'd					
Using Rating Curve Water Year	1997-2005					
Number of observation	227					
R-Square	0.8450					
Remarks	Continued Sediment Station					

$$QS = 1.2443 QW^{1.47960}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2015 to 31 March 2016

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	7.12	6.32	10.40	6.01	6.96	5.56	4.41	77.00	6.80	12.67	5.56	3.60		
2	6.96	6.80	10.77	8.45	6.96	5.56	3.73	63.73	38.94	13.86	5.56	4.00		
3	6.96	6.64	7.28	8.97	6.80	5.56	4.83	69.76	117.32	11.14	5.56	5.26		
4	7.94	6.48	7.12	9.14	6.80	5.71	5.12	44.10	104.70	9.14	5.26	5.86		
5	7.61	7.12	8.28	10.40	7.44	5.86	8.80	18.95	110.95	6.80	4.41	5.56		
6	7.28	23.57	18.95	7.77	44.10	5.86	24.53	15.50	33.99	4.97	4.41	5.41		
7	8.28	8.45	7.44	8.45	118.93	5.56	190.75	15.09	6.48	4.54	4.41	5.26		
8	31.60	9.50	7.12	7.77	30.03	7.77	302.83	14.67	6.96	4.41	9.14	5.26		
9	10.77	17.63	7.12	6.80	8.28	55.04	268.52	56.93	12.67	4.41	26.99	5.26		
10	15.09	19.40	6.64	6.64	7.61	9.14	100.08	219.64	15.09	4.41	32.39	5.26		
11	15.09	15.50	6.32	6.48	7.28	18.95	499.49	300.65	10.04	4.41	9.68	5.26		
12	21.22	13.46	6.17	6.32	48.56	8.97	665.42	320.48	13.07	4.13	8.28	5.26		
13	20.30	9.32	6.64	8.28	14.27	8.28	145.65	215.72	15.92	4.41	8.80	5.26		
14	16.77	8.11	8.62	12.28	8.97	7.44	15.09	122.18	13.07	8.62	11.52	4.69		
15	15.50	7.94	7.94	18.07	8.28	5.86	7.44	29.26	6.96	9.14	26.99	3.60		
16	15.50	8.28	7.44	8.11	7.94	5.41	6.48	43.23	5.56	9.50	19.85	4.00		
17	15.09	8.45	7.28	6.48	7.28	5.41	6.01	15.50	5.26	9.50	6.32	4.41		
18	10.77	8.62	6.96	6.32	6.64	5.56	6.32	11.90	5.12	9.50	5.12	1.83		
19	8.97	10.04	7.61	6.32	6.48	5.26	22.15	18.95	4.83	9.14	4.41	1.53		
20	8.45	40.64	35.61	6.80	6.48	5.26	26.99	40.64	4.83	4.97	2.49	1.53		
21	9.50	14.27	12.67	6.80	6.64	5.56	18.51	49.47	4.97	4.41	2.38	1.53		
22	35.61	19.85	9.68	6.64	7.28	6.48	13.07	38.10	4.97	4.41	3.73	1.43		
23	9.14	34.80	8.62	6.64	6.96	6.01	11.90	18.07	4.97	4.41	4.54	1.43		
24	7.12	24.05	8.45	6.80	6.48	5.56	61.76	8.80	4.97	4.54	4.97	1.34		
25	7.12	14.27	8.28	6.80	6.17	5.41	1942.84	7.28	4.69	6.32	4.97	1.15		
26	6.96	8.28	7.94	6.80	6.17	5.41	5738.35	7.12	4.69	9.14	4.83	1.15		
27	6.80	7.28	6.80	6.80	5.86	5.26	2727.35	6.96	4.54	7.94	4.69	1.15		
28	6.64	7.12	6.32	6.80	5.71	5.56	1342.17	6.96	4.41	6.48	4.69	3.09		
29	6.48	7.12	6.17	6.80	5.56	7.28	841.46	6.96	4.41	8.80		8.28		
30	6.32	7.61	6.17	6.80	5.56	5.26	699.55	6.80	4.97	8.97		7.77		
31		7.28		6.80	5.56		341.85		9.14	6.64		2.16		
Total	358.96	394.20	272.81	240.34	434.04	245.81	16053.45	1870.40	595.29	221.73	241.95	118.58	21047.56	Ton/day
Mean	11.97	12.72	9.09	7.75	14.00	8.19	517.85	62.35	19.20	7.15	8.64	3.83		Ton/day
Max	35.61	40.64	35.61	18.07	118.93	55.04	5738.35	320.48	117.32	13.86	32.39	8.28	5738.35	Ton/day
Min	6.32	6.32	6.17	6.01	5.56	5.26	3.73	6.80	4.41	4.13	2.38	1.15	1.15	Ton/day

WATER YEAR : 2005**WEST COAST - GULF BASIN****Khlong Krut at Ban Nong Ya Plong , Prachuap Khiri Khan (Gt.10)**

Lat 11 - 24 - 08 N Long 99 - 31 - 18 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 379.

	Ban Nong Ya Plong	Amphoe	Bang Saphan	Changwat	Prachuap Khiri Khan
Drainage Area	113 sq.km.				
Method of sampling	Depth Integrating				
Instrument Used	US.D-49				
Period of Available Records	1998-Cont'd				
Actual Measurement	1998-Cont'd				
Using Rating Curve Water Year	2005				
Number of observation	21				
R-Square	0.9476				
Remarks	Continued Sediment Station				

$$QS = 3.9743 QW^{1.44650}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.47	0.14	0.00	4.44	219.29	3.41	20.99	16.72	19.47	2.47	0.00	0.00	
2	0.47	0.14	0.00	1.17	239.39	3.69	17.62	44.84	19.47	2.47	0.00	0.00	
3	0.39	0.14	0.00	0.80	184.52	11.62	12.43	14.10	17.62	2.08	0.00	26.58	
4	0.39	0.14	0.00	0.60	169.67	4.93	14.10	10.83	23.94	2.08	0.00	5.17	
5	0.31	0.14	0.00	0.60	88.73	8.71	17.62	9.30	19.47	2.08	0.00	3.30	
6	0.31	0.14	0.00	0.60	65.23	5.42	10.06	10.06	18.54	2.08	0.00	2.88	
7	0.31	0.21	0.00	0.47	41.72	16.72	8.13	11.62	18.54	1.72	0.00	0.50	
8	0.21	0.21	0.00	0.47	33.44	26.99	7.01	67.43	15.83	1.72	0.00	0.28	
9	0.14	0.14	0.00	0.47	25.76	10.83	5.94	13.26	14.10	1.37	0.00	0.28	
10	0.31	0.14	0.00	0.47	19.85	14.96	7.01	8.71	13.26	1.06	0.00	0.10	
11	0.31	0.14	0.00	0.39	14.96	8.13	6.47	7.56	11.62	1.06	0.00	0.00	
12	0.31	0.14	0.00	0.39	19.85	7.01	5.42	5.94	10.06	0.76	0.00	0.00	
13	0.31	0.14	0.00	0.31	23.34	5.94	4.93	5.42	10.06	0.76	0.00	0.00	
14	0.31	0.14	0.00	0.47	55.39	8.71	4.44	3.97	8.56	0.76	0.00	0.00	
15	0.31	0.14	0.00	0.39	38.89	25.76	4.44	3.41	7.84	0.76	0.00	0.00	
16	0.31	0.14	0.00	0.31	28.25	33.44	4.44	3.41	5.81	0.50	0.00	0.00	
17	0.31	0.08	0.00	0.31	20.99	19.85	20.99	3.14	5.17	0.50	0.00	0.00	
18	0.21	0.08	0.00	0.31	14.96	71.88	34.78	3.69	4.68	0.28	0.00	0.00	
19	0.21	0.08	1.06	0.21	19.85	65.23	20.99	12831.20	4.68	0.28	0.00	0.00	
20	0.21	0.08	0.60	0.21	22.16	43.15	94.18	656.34	4.68	0.28	0.00	0.00	
21	0.21	0.08	3.14	0.21	10.83	88.73	71.88	313.84	5.17	0.10	0.00	0.00	
22	0.21	1.06	1.33	0.39	9.30	63.06	219.29	207.50	4.68	0.10	0.00	0.00	
23	0.14	1.33	0.47	1.06	7.01	32.12	302.83	169.67	4.21	0.00	0.00	0.00	
24	0.14	1.17	0.39	3.41	6.47	26.99	452.49	47.41	4.21	0.00	0.00	0.00	
25	0.14	1.17	0.31	1.67	5.94	24.54	207.50	40.18	4.21	0.10	0.00	0.00	
26	0.14	1.06	0.47	1.33	4.93	24.54	111.11	79.01	4.21	0.10	0.00	0.00	
27	0.14	0.08	0.47	1.17	4.44	17.62	63.06	45.57	4.21	0.00	0.00	0.00	
28	0.14	0.08	0.39	13.26	4.44	15.83	44.84	33.55	4.21	0.00	0.00	0.00	
29	0.14	0.02	0.94	20.99	3.69	16.72	32.12	26.58	3.30	0.00		0.00	
30	0.14	0.02	0.70	130.90	3.97	14.10	23.34	22.65	2.88	0.00		0.00	
31		0.00		239.39	3.97		19.85		2.88	0.00		0.00	
Total	7.65	8.77	10.27	427.17	1411.23	720.63	1870.30	14716.91	297.57	25.47	0.00	39.09	19535.06 Ton/day
Mean	0.25	0.28	0.34	13.78	45.52	24.02	60.33	490.56	9.60	0.82	0.00	1.26	Ton/day
Max	0.47	1.33	3.14	239.39	239.39	88.73	452.49	12831.20	23.94	2.47	0.00	26.58	12831.20 Ton/day
Min	0.14	0.00	0.00	0.21	3.69	3.41	4.44	3.14	2.88	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

WEST COAST - GULF BASIN

Huai Sai at Ban Suan Son Huai Sai , Prachuap Khiri Khan (Gt.15)

Lat 11 - 40 - 33 N Long 99 - 41 - 44 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 342, Huai Sai.

	Ban	Suan Son Huai Sai	Amphoe	Mueang	Changwat	Prachuap Khiri Khan
Drainage Area	25	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2002-Cont'd					
Actual Measurement	2002-Cont'd					
Using Rating Curve Water Year	2002-2005					
Number of observation	24					
R-Square	0.7335					
Remarks	Continued Sediment Station					

$$QS = 10.8610 QW^{1.43640}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.78	0.71	0.04	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.78	0.71	0.04	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.71	0.78	0.04	0.00	1.15	
4	0.00	0.00	0.00	0.00	0.00	0.15	0.58	1.00	0.93	0.04	0.00	3.12	
5	0.00	0.00	0.00	0.00	0.00	0.29	0.58	1.15	0.78	0.04	0.00	0.24	
6	0.00	0.00	0.00	0.00	0.00	0.58	0.64	1.57	0.71	0.04	0.00	0.07	
7	0.00	0.00	0.00	0.00	0.00	0.71	0.64	1.74	0.64	0.04	0.00	0.07	
8	0.00	0.00	0.00	0.00	0.00	0.71	0.64	2.02	0.64	0.04	0.00	0.04	
9	0.00	0.00	0.00	0.00	0.00	0.78	0.71	1.74	0.58	0.04	0.00	0.04	
10	0.00	0.00	0.00	0.00	0.00	0.93	0.71	1.57	0.58	0.07	0.00	0.04	
11	0.00	0.00	0.00	0.00	0.00	0.71	0.64	1.15	0.52	0.04	0.00	0.01	
12	0.00	0.00	0.00	0.00	0.00	0.71	0.64	0.93	0.52	0.04	0.00	0.01	
13	0.00	0.00	0.00	0.00	0.00	0.64	0.64	0.64	0.46	0.04	0.00	0.01	
14	0.00	0.00	0.00	0.00	0.00	1.32	0.64	0.58	0.46	0.04	0.00	0.01	
15	0.00	0.00	0.00	0.00	0.00	1.48	0.58	0.58	0.40	0.04	0.00	0.01	
16	0.00	0.00	0.00	0.00	0.00	1.15	0.58	0.52	0.40	0.04	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	1.00	0.58	0.52	0.40	0.04	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	1.00	0.64	0.93	0.29	0.01	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.78	1.15	15.66	0.29	0.01	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.78	1.23	2.02	0.24	0.01	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.93	1.48	1.15	0.19	0.01	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	1.48	1.23	0.93	0.19	0.01	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	1.15	3.12	0.71	0.15	0.01	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.93	9.48	0.64	0.15	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.78	4.01	0.78	0.15	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.71	3.12	1.74	0.11	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.64	1.57	1.15	0.11	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.64	1.23	0.93	0.07	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.64	1.15	0.78	0.07	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.58	0.93	0.71	0.04	0.00	0.00	0.00	
31		0.00		0.00	0.00		0.78		0.04	0.00		0.00	
Total	0.00	0.00	0.00	0.00	0.00	22.20	41.66	46.11	12.31	0.77	0.00	4.82	127.87 Tonday
Mean	0.00	0.00	0.00	0.00	0.00	0.74	1.34	1.54	0.40	0.02	0.00	0.16	Ton/day
Max	0.00	0.00	0.00	0.00	0.00	1.48	9.48	15.66	0.93	0.07	0.00	3.12	15.66 Ton/day
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.52	0.04	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2005

WEST COAST - GULF BASIN

Khlong Ang Thong at Ban Ang Thong , Prachuap Khiri Khan (Gt.19)

Lat 11 - 26 - 10 N Long 99 - 33 - 54 E

Location : on left bank at the bridge of Phet Kasem Highway near the guidepost 373.

	Ban	Ang Thong	Amphoe	Thap Sakae	Changwat	Prachuap Khiri Khan
Drainage Area	61	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	1998-Cont'd					
Actual Measurement	1998-Cont'd					
Using Rating Curve Water Year	1998-2005					
Number of observation	155					
R-Square	0.9383					
Remarks	Continued Sediment Station					

$$QS = 8.1303 QW^{1.22530}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	3.22	0.31	0.31	0.67	1.13	0.73	0.43	0.03	
2	0.00	0.00	0.00	0.00	3.48	0.37	0.21	0.61	1.06	0.80	0.37	0.03	
3	0.00	0.00	0.00	0.00	4.17	0.54	0.16	0.54	0.99	0.80	0.37	6.57	
4	0.00	0.00	0.00	0.00	4.44	0.48	0.21	0.54	0.86	0.73	0.37	2.48	
5	0.03	0.00	0.00	0.00	4.71	0.43	0.16	0.48	0.93	0.67	0.31	1.56	
6	0.00	0.00	0.00	0.00	3.82	0.61	0.11	0.43	1.27	0.61	0.26	1.13	
7	0.00	0.00	0.00	0.00	2.33	0.54	0.11	0.43	1.27	0.61	0.21	0.80	
8	0.00	0.00	0.00	0.00	1.41	0.67	0.16	1.71	1.27	0.54	0.16	0.54	
9	0.00	0.00	0.00	0.00	0.54	0.48	0.11	1.86	1.13	0.48	0.07	0.43	
10	0.00	0.00	0.00	0.00	1.27	0.37	0.07	3.82	1.13	0.43	0.03	0.37	
11	0.00	0.00	0.00	0.00	1.13	0.67	0.07	1.71	1.06	0.43	0.03	0.26	
12	0.00	0.00	0.00	0.00	0.99	0.80	0.07	1.06	1.06	0.43	0.03	0.26	
13	0.00	0.00	0.00	0.00	0.93	0.93	0.07	0.73	0.99	0.43	0.03	0.26	
14	0.00	0.00	0.00	0.00	0.86	1.13	0.07	0.73	0.93	0.48	0.03	0.26	
15	0.00	0.00	0.00	0.00	0.80	2.48	0.07	0.80	0.86	0.37	0.03	0.31	
16	0.00	0.00	0.00	0.00	0.80	1.86	0.07	0.86	0.80	0.61	0.03	0.26	
17	0.00	0.00	0.00	0.00	0.73	1.56	0.07	0.80	0.80	0.61	0.03	0.21	
18	0.00	0.00	0.00	0.00	1.41	1.41	0.07	1.86	0.73	0.67	0.03	0.16	
19	0.00	0.00	0.00	0.00	3.22	1.27	0.07	3072.40	0.73	0.67	0.03	0.16	
20	0.00	0.00	0.00	0.00	5.07	1.13	0.37	197.29	0.80	0.67	0.03	0.16	
21	0.00	0.00	0.00	0.00	2.97	1.13	9.65	30.48	0.80	0.61	0.03	0.16	
22	0.00	0.00	0.00	0.00	1.71	0.99	4.44	6.57	0.80	0.54	0.03	0.16	
23	0.00	0.00	0.00	0.03	1.86	0.73	7.44	2.97	0.80	0.48	0.03	0.16	
24	0.00	0.00	0.00	0.16	0.93	0.48	89.00	2.01	0.73	0.37	0.03	0.16	
25	0.00	0.00	0.00	0.07	0.31	0.37	93.66	1.56	0.73	0.26	0.03	0.16	
26	0.00	0.00	0.00	0.07	0.21	0.37	21.60	3.22	0.73	0.26	0.03	0.16	
27	0.00	0.00	0.00	0.16	0.21	0.31	5.72	2.97	0.73	0.26	0.03	0.16	
28	0.00	0.00	0.00	0.16	0.07	0.21	3.22	1.41	0.73	0.26	0.03	0.16	
29	0.00	0.00	0.00	0.16	0.07	0.07	2.48	1.56	0.67	0.26		0.16	
30	0.00	0.00	0.00	0.54	0.03	0.16	2.01	1.27	0.67	0.37		0.11	
31		0.00		3.48	0.37		0.80		0.67	0.43		0.11	
Total	0.03	0.00	0.00	4.83	54.07	22.86	242.63	3343.35	27.86	15.87	3.12	17.90	3732.52 Ton/day
Mean	0.00	0.00	0.00	0.16	1.74	0.76	7.83	111.44	0.90	0.51	0.11	0.58	Ton/day
Max	0.03	0.00	0.00	3.48	5.07	2.48	93.66	3072.40	1.27	0.80	0.43	6.57	3072.40 Ton/day
Min	0.00	0.00	0.00	0.00	0.03	0.07	0.07	0.43	0.67	0.26	0.03	0.03	0.00 Ton/day

WATER YEAR : 2005**KUI BURI RIVER BASIN****Kui Buri River at Ban Thung Faek , Prachuap Khiri Khan (Ky.3)**

Lat 12 - 05 - 46 N Long 99 - 47 - 26 E

Location : on left bank at Bunchuai Bamrungrat Bridge near Wat Udom Wararam.

	Ban Thung Faek	Amphoe Kui Buri	Changwat Prachuap Khiri Khan
Drainage Area	537 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2000-Cont'd		
Actual Measurement	2000-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	21		
R-Square	0.8712		
Remarks	Continued Sediment Station		

$$QS = 3.4033 QW^{1.06860}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.73	1.73	2.50	2.68	5.14	2.11	4.76	35.61	18.39	1.94	0.14	0.14	
2	1.94	1.94	2.50	2.50	5.81	2.11	4.76	29.73	16.54	1.94	0.14	0.00	
3	1.94	1.73	3.37	2.50	5.14	2.29	6.19	24.99	14.69	2.11	0.14	0.32	
4	2.29	1.73	2.68	2.50	5.47	2.68	7.94	22.76	13.77	2.11	0.14	1.01	
5	2.29	1.73	3.37	2.50	5.81	5.47	8.83	22.76	12.43	2.11	0.14	0.84	
6	2.11	1.73	3.37	2.50	5.14	5.14	9.25	26.48	12.43	1.94	0.14	0.64	
7	2.11	1.55	3.37	2.50	4.76	5.14	8.83	22.76	11.99	1.94	0.14	0.64	
8	2.11	1.55	4.43	2.68	4.06	5.81	8.83	22.76	11.52	1.94	0.14	0.48	
9	2.11	1.55	4.06	2.68	4.06	7.52	7.52	25.73	11.09	1.55	0.14	0.48	
10	2.11	1.55	4.06	2.68	3.73	5.81	7.94	24.99	10.62	1.55	0.14	0.48	
11	1.94	1.94	3.37	2.68	4.43	7.06	8.40	22.76	9.25	1.38	0.14	0.32	
12	1.94	1.73	3.37	2.68	4.43	6.19	10.62	21.29	7.94	1.38	0.14	0.14	
13	2.11	1.73	3.73	2.68	3.37	6.64	9.72	18.88	6.64	1.18	0.14	0.00	
14	2.11	1.73	3.73	2.68	3.73	6.64	9.25	18.39	6.19	1.01	0.48	0.00	
15	1.94	1.73	3.73	2.68	3.73	7.94	8.40	17.95	5.47	0.84	0.48	2.68	
16	1.73	1.94	3.37	2.50	3.37	7.94	19.82	17.02	4.76	0.64	0.64	1.73	
17	1.73	1.94	3.04	2.29	3.04	8.40	16.09	16.54	4.06	0.64	1.01	2.11	
18	1.73	1.94	3.04	2.50	4.06	8.83	15.17	16.09	3.73	0.48	0.84	2.11	
19	1.94	2.11	3.04	2.50	4.06	9.25	13.77	243.53	3.37	0.48	0.48	1.94	
20	1.73	2.11	3.04	2.50	4.06	8.83	12.86	122.51	2.50	0.32	0.64	1.94	
21	1.73	2.50	2.68	2.29	3.37	9.25	12.43	62.13	2.29	0.48	0.84	1.73	
22	1.73	2.50	3.04	2.68	3.37	8.40	11.99	39.43	2.29	0.48	0.84	1.55	
23	1.73	2.29	3.04	3.04	3.37	7.52	12.86	29.73	2.29	0.48	0.64	1.38	
24	1.73	2.50	3.73	3.04	3.04	6.64	101.58	25.73	2.11	0.32	0.64	1.18	
25	1.73	2.50	3.04	3.04	2.68	5.81	179.08	22.76	2.11	0.32	0.48	0.84	
26	1.73	2.50	3.04	3.37	2.68	5.81	182.37	28.06	1.94	0.14	0.48	0.64	
27	1.73	2.50	2.68	3.37	2.50	5.47	117.03	28.06	1.94	0.14	0.32	0.32	
28	1.38	2.29	2.68	3.73	2.50	5.14	90.31	24.24	1.94	0.14	0.32	0.14	
29	1.38	2.11	2.68	3.73	2.29	5.14	83.60	22.02	1.73	0.14		0.32	
30	1.73	2.29	2.68	3.37	2.29	5.14	52.97	21.29	1.73	0.00		0.32	
31		2.29		3.37	2.29		41.99		1.73	0.14		0.32	
Total	56.24	61.96	96.46	86.44	117.78	186.12	1085.16	1076.98	209.48	30.26	10.95	26.74	3044.57 Tonday
Mean	1.87	2.00	3.22	2.79	3.80	6.20	35.01	35.90	6.76	0.98	0.39	0.86	Ton/day
Max	2.29	2.50	4.43	3.73	5.81	9.25	182.37	243.53	18.39	2.11	1.01	2.68	243.53 Ton/day
Min	1.38	1.55	2.50	2.29	2.29	2.11	4.76	16.09	1.73	0.00	0.14	0.00	0.00 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlung Rap Ro at Ban Tha Kham, Chumphon (X.46)

Lat 10 - 36 - 53 N Long 99 - 07 - 07 E

Location : on left bank about 10 kilometers downstream from X.46A station at Ban Hat Taeng.

	Ban Tha Kham	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	766 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 48		
Period of Available Records	1996 - Cont' d		
Actual Measurement	1996 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.8750		
Remarks	Continued Sediment Station		

$$QS = 1.2295 QW^{1.52560}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.38	8.68	12.61	39.99	8968.63	71.17	323.76	2066.66	293.56	47.70	16.11	16.57		
2	4.38	19.40	15.21	46.38	6445.32	68.91	213.72	1041.06	364.26	45.07	15.21	15.21		
3	4.38	16.11	42.51	57.97	4117.16	78.90	4178.78	395.35	546.46	42.51	15.21	14.76		
4	4.09	13.89	116.93	406.37	1953.85	72.70	762.91	308.53	3712.56	41.24	15.21	13.89		
5	4.09	20.88	175.10	577.40	1941.98	60.10	364.26	298.52	3228.88	39.99	14.76	13.46		
6	4.09	17.96	137.32	762.91	1483.74	60.10	227.17	413.31	1689.44	38.75	13.89	13.46		
7	3.81	12.20	72.70	788.85	1003.03	170.98	577.40	259.63	4340.45	37.53	13.46	12.20		
8	3.81	45.07	82.87	771.52	680.29	274.00	1146.14	218.17	5110.20	36.31	12.61	10.19		
9	3.81	29.34	413.31	655.66	615.31	200.55	495.22	179.26	1398.14	35.12	12.20	9.42		
10	3.54	22.39	1904.15	259.63	381.72	110.68	413.31	162.83	1060.25	33.93	11.38	8.68		
11	3.54	21.88	1106.81	137.32	352.33	75.00	357.61	154.82	516.11	32.76	11.38	7.95		
12	3.54	35.12	78.90	108.04	762.91	68.91	274.00	146.95	308.53	31.61	10.98	6.91		
13	4.09	29.34	60.10	120.55	2833.57	54.47	146.95	140.19	283.72	30.47	36.31	6.57		
14	4.38	18.92	53.09	140.19	1689.44	451.47	538.82	129.77	196.23	29.34	129.77	5.91		
15	4.38	14.76	46.38	75.00	939.51	425.90	313.58	114.24	143.07	27.13	23.93	5.28		
16	4.09	16.57	41.24	108.04	639.41	516.11	269.18	98.55	129.77	23.93	20.88	4.98		
17	4.09	16.57	41.24	56.56	438.62	204.91	561.86	84.48	120.55	23.41	19.40	4.67		
18	4.09	16.11	38.75	65.19	352.33	313.58	1021.98	80.48	105.42	22.39	18.92	4.38		
19	7.25	12.20	37.53	47.70	274.00	631.34	495.22	8629.32	76.55	21.88	14.76	4.09		
20	6.57	14.76	38.75	43.78	236.29	3245.85	288.62	3336.89	60.10	20.88	12.20	3.54		
21	5.60	16.57	45.07	42.51	278.84	1880.64	688.57	1544.70	57.97	20.38	105.42	3.27		
22	5.60	18.92	42.51	61.54	259.63	737.27	19456.91	764.63	56.56	19.40	41.24	6.57		
23	4.98	19.40	43.78	328.89	236.29	480.48	4795.82	672.05	54.47	18.92	14.76	6.57		
24	4.98	17.96	110.68	1930.13	101.96	269.18	1716.64	231.71	54.47	17.96	12.20	6.57		
25	4.98	17.49	1206.00	593.10	98.55	187.68	2100.69	222.65	53.09	22.39	10.19	5.91		
26	4.67	16.11	116.93	303.51	96.01	140.19	922.94	480.48	53.09	22.39	9.81	5.60		
27	4.67	14.76	105.42	166.89	92.66	298.52	941.36	200.55	51.04	21.88	9.42	5.28		
28	12.61	13.46	78.90	376.32	76.55	298.52	1185.93	480.48	68.91	18.92	9.05	4.98		
29	9.05	13.89	43.78	754.33	71.17	250.20	788.85	561.86	57.97	17.96		4.67		
30	8.68	13.46	37.53	2893.22	72.70	158.81	432.95	495.22	54.47	17.49		4.38		
31		13.46		6245.58	71.17		352.33		51.04	16.57		4.09		
Total	152.22	577.63	6346.10	18965.07	37564.98	11857.12	46353.48	23913.34	24297.33	876.21	650.66	240.01	171794.16	Ton/day
Mean	5.07	18.63	211.54	611.78	1211.77	395.24	1495.27	797.11	783.78	28.26	23.24	7.74		Ton/day
Max	12.61	45.07	1904.15	6245.58	8968.63	3245.85	19456.91	8629.32	5110.20	47.70	129.77	16.57	19456.91	Ton/day
Min	3.54	8.68	12.61	39.99	71.17	54.47	146.95	80.48	51.04	16.57	9.05	3.27	3.27	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Chumphon at Ban Wang Phai , Chumphon (X.53A)

Lat 10 - 30 - 20 N Long 99 - 07 - 15 E

Location : on left bank about 9.50 kilometers downstream from X.53 station.

	Ban Wang Phai	Amphoe Mueang	Changwat Chumphon
Drainage Area	296 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 49		
Period of Available Records	1996-Cont'd		
Actual Measurement	1996-Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9257		
Remarks	Continued Sediment Station		

$$QS = 1.4905 QW^{1.48330}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.27	3.80	7.60	16.46	887.43	11.65	38.79	209.99	78.06	13.19	7.16	5.39	
2	0.97	2.53	6.26	29.60	865.36	11.65	43.68	284.08	117.52	14.01	6.68	5.39	
3	0.82	3.42	9.08	16.46	580.92	11.65	408.38	125.59	312.29	16.46	7.16	5.39	
4	1.11	1.60	9.08	21.79	262.94	11.65	112.96	78.06	950.18	16.46	7.16	5.39	
5	1.42	2.12	9.08	156.02	188.74	11.14	26.61	69.39	1184.38	17.34	7.16	5.39	
6	1.76	4.17	6.26	213.32	235.41	12.39	35.64	98.78	305.75	17.34	6.68	4.96	
7	1.95	7.60	6.26	237.13	339.27	25.60	29.60	80.32	447.51	15.65	6.68	4.96	
8	1.76	8.56	54.01	461.77	187.14	24.65	146.07	52.24	1745.85	13.19	6.68	4.96	
9	1.60	6.68	166.70	157.53	135.17	22.75	52.24	38.79	458.91	11.65	6.26	4.58	
10	0.97	6.68	252.87	71.57	94.05	15.65	42.03	29.60	230.25	11.14	6.26	4.58	
11	1.27	5.80	188.74	35.64	61.29	11.65	34.10	28.61	156.02	11.65	6.26	4.17	
12	1.60	5.39	15.65	25.60	115.23	10.59	98.78	26.61	131.54	10.59	10.59	4.17	
13	1.42	5.39	13.19	27.58	308.01	10.59	166.70	22.75	114.05	10.09	98.78	3.80	
14	1.27	4.17	10.09	84.82	314.56	34.10	116.33	20.89	82.52	9.56	120.93	3.80	
15	1.27	3.42	10.09	34.10	183.94	55.80	110.70	19.96	63.15	9.56	34.10	3.80	
16	1.42	3.42	9.56	32.58	111.79	78.06	115.23	18.18	43.68	9.08	14.80	3.42	
17	0.97	4.58	9.08	19.09	78.06	48.76	190.35	17.34	37.21	9.08	10.59	3.42	
18	0.82	4.58	9.08	14.80	55.80	42.03	152.21	16.46	28.61	9.08	9.56	3.08	
19	1.27	6.68	9.08	13.19	43.68	119.82	111.79	18.18	24.65	9.56	9.08	3.08	
20	1.27	9.56	10.09	11.65	38.79	722.19	87.05	206.67	27.58	9.08	8.56	3.08	
21	1.27	9.08	10.09	11.14	28.61	419.44	127.94	357.17	21.79	8.56	8.56	3.08	
22	0.97	7.60	11.65	25.60	25.60	156.02	6108.68	89.39	23.67	8.10	8.56	2.72	
23	1.11	4.58	11.14	136.33	21.79	94.05	2641.41	31.08	22.75	8.56	7.16	2.72	
24	0.97	4.17	20.89	129.17	26.61	61.29	1141.78	45.36	20.89	9.08	7.16	2.72	
25	0.97	3.08	19.09	135.17	19.09	57.61	767.39	117.52	19.96	9.56	6.68	2.72	
26	1.11	3.08	21.79	63.15	16.46	98.78	365.11	171.35	19.96	9.08	6.26	2.72	
27	0.82	2.72	19.96	35.64	15.65	233.68	213.32	201.73	18.18	9.08	5.80	2.53	
28	1.11	2.33	13.19	27.58	14.01	108.46	162.10	201.73	19.09	8.56	5.39	2.53	
29	1.42	2.33	10.59	80.32	12.39	82.52	130.40	154.71	35.64	8.10		2.53	
30	2.12	2.72	9.08	479.07	13.19	52.24	101.21	119.82	26.61	8.10		2.53	
31		3.80		517.26	14.01		126.81		16.46	8.10		2.53	
Total	38.08	145.64	959.32	3321.13	5294.99	2656.46	14005.39	2952.35	6784.71	338.64	446.70	116.14	37059.55 Ton/day
Mean	1.27	4.70	31.98	107.13	170.81	88.55	451.79	98.41	218.86	10.92	15.95	3.75	Ton/day
Max	2.12	9.56	252.87	517.26	887.43	722.19	6108.68	357.17	1745.85	17.34	120.93	5.39	6108.68 Ton/day
Min	0.82	1.60	6.26	11.14	12.39	10.59	26.61	16.46	16.46	8.10	5.39	2.53	0.82 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Tha Di at Ban Tha Yai , Nakhon Si Thammarat (X.55)

Lat 08 - 23 - 52 N Long 99 - 50 - 14 E

Location : on left bank at the bridge.

	Ban Tha Yai	Amphoe Lan Saka	Changwat Nakhon Si Thammarat
Drainage Area	105 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 48		
Period of Available Records	1989 - 2009,2012 - Cont' d		
Actual Measurement	1990 - 2009,2012 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9321		
Remarks	Continued Sediment Station		

$$QS = 2.3592 QW^{1.27210}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.70	4.29	19.21	3.62	19.21	21.11	12.89	53.90	38.61	29.07	5.70	13.76	
2	7.19	3.95	19.21	3.62	17.35	22.08	15.53	27.53	95.22	26.02	6.43	12.03	
3	7.19	2.98	16.44	3.29	14.64	17.35	18.28	20.16	270.32	23.05	6.43	10.36	
4	6.43	2.06	14.64	3.29	12.03	12.89	16.44	19.21	95.22	127.36	6.43	8.74	
5	5.70	1.23	13.76	9.54	8.74	12.89	8.74	16.44	107.97	52.15	9.54	8.74	
6	6.43	1.78	12.89	12.89	5.70	12.03	5.70	12.03	74.88	41.91	7.96	10.36	
7	5.70	4.29	13.76	15.53	4.63	10.36	5.34	12.03	367.34	72.69	6.43	9.54	
8	4.98	4.63	16.44	14.64	5.34	8.74	11.19	15.53	326.76	99.88	6.43	8.74	
9	4.63	9.54	45.27	12.03	4.29	8.74	26.02	40.25	650.17	74.88	5.70	8.74	
10	3.95	20.16	50.41	8.74	4.63	9.54	43.58	26.02	437.13	61.93	5.70	7.96	
11	3.62	17.35	7.96	6.43	4.63	8.74	30.61	15.53	159.12	52.15	30.61	7.19	
12	3.62	13.76	4.98	11.19	4.63	6.43	19.21	19.21	144.50	40.25	192.31	7.19	
13	3.62	12.89	4.98	19.21	4.98	4.98	24.52	16.44	95.22	29.07	263.56	7.19	
14	3.62	12.03	3.95	21.11	4.98	4.29	20.16	12.89	92.91	24.52	1466.12	7.96	
15	3.62	13.76	3.29	20.16	6.43	3.95	20.16	12.03	567.98	21.11	344.96	8.74	
16	3.62	18.28	2.98	30.61	12.03	2.98	16.44	40.25	639.21	19.21	174.04	14.64	
17	3.29	29.07	4.29	24.52	7.96	7.96	14.64	35.36	315.94	16.44	83.79	12.03	
18	3.62	30.61	4.63	15.53	5.70	20.16	13.76	17.35	168.04	15.53	52.15	5.34	
19	3.29	13.76	4.29	14.64	6.43	17.35	15.53	130.18	92.91	13.76	43.58	4.63	
20	2.66	8.74	4.29	27.53	4.98	12.89	24.52	453.33	61.93	12.89	38.61	4.63	
21	2.66	15.53	5.34	16.44	4.63	6.43	97.54	133.02	57.74	11.19	33.76	11.19	
22	2.06	15.53	5.34	9.54	7.19	4.98	220.50	64.06	287.48	10.36	29.07	14.64	
23	1.78	8.74	4.98	7.19	10.36	4.29	81.54	43.58	99.88	8.74	24.52	15.53	
24	1.78	7.19	4.98	5.70	10.36	3.95	41.91	433.10	66.19	8.74	24.52	15.53	
25	1.50	5.70	4.98	5.70	18.28	3.62	43.58	1430.57	61.93	66.19	22.08	9.54	
26	1.50	11.19	4.63	4.63	15.53	8.74	50.41	477.87	105.26	35.36	19.21	12.03	
27	3.29	14.64	4.29	4.63	13.76	9.54	38.61	195.39	79.31	17.35	16.44	12.89	
28	6.43	12.89	4.29	4.63	15.53	16.44	20.16	99.88	64.06	13.76	15.53	9.54	
29	5.34	32.18	3.62	5.70	22.08	13.76	15.53	83.79	50.41	11.19		11.19	
30	4.98	43.58	3.62	4.98	16.44	15.53	16.44	77.09	38.61	7.96		9.54	
31		52.15		4.98	16.44		150.31		30.61	6.43		8.74	
Total	123.80	444.48	313.74	352.24	309.91	312.74	1139.79	4034.02	5742.86	1051.14	2941.61	308.87	17075.20 Ton/day
Mean	4.13	14.34	10.46	11.36	10.00	10.42	36.77	134.47	185.25	33.91	105.06	9.96	Ton/day
Max	7.19	52.15	50.41	30.61	22.08	22.08	220.50	1430.57	650.17	127.36	1466.12	15.53	1466.12 Ton/day
Min	1.50	1.23	2.98	3.29	4.29	2.98	5.34	12.03	30.61	6.43	5.70	4.63	1.23 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Tha Sae at Ban Tha Sae , Chumphon (X.64)

Lat 10 - 39 - 51 N Long 99 - 10 - 26 E

Location : on left bank near the Land Cooperation Office.

	Ban Tha Sae	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	946 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 59		
Period of Available Records	1996 - Cont' d		
Actual Measurement	1996 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9047		
Remarks	Continued Sediment Station		

$$QS = 4.0105 QW^{1.33100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.28	5.69	8.77	22.88	3680.24	45.49	214.05	743.74	351.44	15.79	0.47	0.47	
2	6.28	5.11	10.77	27.09	3558.45	42.58	170.07	584.10	505.90	15.04	0.63	0.47	
3	5.69	5.11	13.58	25.38	2360.44	46.96	138.60	318.40	768.30	15.04	0.81	0.47	
4	5.69	5.69	15.79	87.09	747.66	54.48	129.65	237.02	2939.69	15.79	0.99	1.81	
5	5.69	8.13	22.06	49.93	624.98	45.49	260.41	220.53	3881.61	14.31	0.63	2.26	
6	6.28	11.45	27.09	60.69	562.10	62.27	240.27	267.97	1935.34	12.86	0.81	0.63	
7	5.69	16.54	25.38	103.75	414.11	351.44	159.32	204.35	4842.35	12.15	0.63	0.32	
8	5.69	11.45	24.54	112.23	294.85	844.74	116.52	189.31	5687.13	10.77	0.63	0.19	
9	7.50	10.77	131.94	125.24	250.36	595.18	94.04	233.64	1700.83	9.42	0.63	0.00	
10	6.28	15.04	204.35	107.97	192.10	237.02	136.41	178.25	716.48	7.50	0.47	0.00	
11	7.50	15.04	80.27	68.68	140.92	172.79	621.23	189.31	554.81	6.28	0.19	0.00	
12	11.45	24.54	48.44	51.44	250.36	125.24	210.90	172.79	491.02	5.69	0.47	0.00	
13	10.09	63.86	35.53	85.37	598.89	146.12	140.92	138.60	447.07	5.11	12.86	0.00	
14	10.09	35.53	28.82	75.25	598.89	227.06	134.24	123.11	334.33	4.01	21.25	0.00	
15	9.42	20.45	26.23	68.68	491.02	237.02	131.94	105.91	264.18	3.75	5.11	0.00	
16	8.13	17.31	23.71	591.48	306.57	283.26	662.73	95.80	233.64	3.49	2.26	0.00	
17	5.69	15.79	23.71	143.52	207.62	186.53	662.73	88.81	201.23	3.23	0.99	0.00	
18	5.11	13.58	22.88	70.31	159.32	170.07	476.26	92.29	192.10	2.98	0.63	0.00	
19	4.55	13.58	29.69	52.95	131.94	264.18	223.87	8552.80	175.52	2.73	0.32	0.00	
20	4.55	18.86	51.44	42.58	210.90	732.03	287.11	21255.28	138.60	2.49	0.47	0.00	
21	5.11	51.44	68.68	36.92	151.36	674.16	1935.34	5323.46	125.24	2.26	22.06	0.00	
22	5.11	33.25	48.44	41.14	127.51	486.09	10083.85	2853.27	118.75	2.03	5.69	0.00	
23	5.11	22.06	39.72	71.95	95.80	283.26	13128.29	793.64	114.43	1.81	2.03	0.00	
24	4.55	18.86	52.95	569.41	83.66	186.53	5525.48	551.18	107.97	1.59	0.99	0.00	
25	3.75	15.79	125.24	386.94	71.95	138.60	4355.24	481.16	103.75	2.26	0.63	0.00	
26	3.49	12.86	48.44	143.52	62.27	116.52	3195.69	685.64	101.72	2.49	0.47	0.00	
27	6.28	12.15	49.93	92.29	56.02	114.43	3465.49	844.74	99.58	1.59	0.47	0.00	
28	10.09	10.77	35.53	97.56	54.48	127.51	2105.89	621.23	120.86	1.18	0.81	0.00	
29	8.77	10.09	27.95	210.90	56.02	120.86	810.59	636.24	99.58	0.81		0.00	
30	5.69	10.09	24.54	606.31	54.48	481.16	547.55	442.25	90.55	0.63		0.00	
31		10.09		1778.16	46.96		395.94		85.37	0.47		0.00	
Total	195.60	540.97	1376.41	6007.61	16642.23	7599.07	50760.63	47224.82	27529.37	185.55	84.40	6.62	158153.28 Ton/day
Mean	6.52	17.45	45.88	193.79	536.85	253.30	1637.44	1574.16	888.04	5.99	3.01	0.21	Ton/day
Max	11.45	63.86	204.35	1778.16	3680.24	844.74	13128.29	21255.28	5687.13	15.79	22.06	2.26	21255.28 Ton/day
Min	3.49	5.11	8.77	22.88	46.96	42.58	94.04	88.81	85.37	0.47	0.19	0.00	0.00 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Ban Tan at Ban Wang Kong , Nakhon Si Thammarat (X.70)

Lat 08 - 25 - 34 N Long 99 - 51 - 47 E

Location : on left bank upstream side of the bridge.

	Ban Wang Kong	Amphoe Mueang	Changwat Nakhon Si Thammarat
Drainage Area	36 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 59		
Period of Available Records	1989 - 2010,2014 - Cont' d		
Actual Measurement	1989 - 2010,2014 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9383		
Remarks	Continued Sediment Station		

$$QS = 3.3049 QW^{1.22240}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.73	3.47	4.21	2.98	2.98	3.22	3.71	8.04	11.38	11.38	6.32	2.06	
2	4.47	3.47	4.21	2.98	3.47	4.99	2.75	7.15	35.66	10.63	6.32	2.06	
3	4.47	3.22	4.21	2.98	3.22	3.71	4.21	6.60	73.87	11.38	6.05	2.06	
4	4.73	3.22	3.71	3.22	3.22	3.71	4.21	6.32	22.49	71.03	5.78	1.92	
5	5.25	3.22	3.71	3.47	2.98	2.98	3.22	6.32	28.04	34.11	5.78	1.35	
6	5.25	2.98	3.47	2.98	2.98	3.22	2.75	5.78	26.56	17.99	6.05	1.35	
7	4.73	3.22	3.47	2.98	2.75	3.47	2.75	5.25	118.54	49.15	5.51	1.35	
8	4.73	3.22	3.47	3.22	3.22	3.22	2.52	6.60	92.90	59.91	5.78	1.35	
9	4.47	3.22	3.47	2.98	2.98	3.22	2.52	5.51	151.29	46.19	5.51	1.35	
10	4.47	3.47	7.43	2.98	2.98	2.98	6.32	8.42	97.82	38.04	5.51	0.15	
11	4.21	3.47	4.47	3.71	2.98	2.75	4.99	6.32	58.54	44.57	12.92	0.00	
12	4.21	3.22	3.96	3.47	3.22	2.52	4.99	6.32	57.86	27.33	78.59	0.00	
13	3.96	3.47	3.96	4.73	3.71	2.52	6.87	5.78	41.99	28.04	48.49	0.46	
14	3.71	3.47	3.71	4.47	3.47	2.52	4.99	5.25	30.32	13.28	251.14	0.25	
15	3.71	3.47	3.71	3.96	2.98	2.52	5.51	4.99	138.51	20.78	73.87	0.00	
16	3.71	3.47	3.47	3.71	3.96	2.36	4.99	7.15	150.39	9.54	45.21	0.00	
17	4.21	3.47	3.71	4.47	3.47	2.36	4.99	7.43	100.59	9.54	45.21	0.58	
18	3.96	4.47	3.71	4.21	2.98	2.36	5.25	5.78	63.35	9.15	51.80	0.00	
19	3.71	3.47	3.47	4.99	2.98	2.36	4.99	12.14	46.85	7.71	51.80	0.00	
20	3.71	3.47	3.47	7.15	3.22	4.21	6.32	66.12	35.66	7.71	45.21	0.00	
21	3.71	3.71	3.22	4.21	3.47	2.98	15.28	34.92	20.78	7.43	41.99	0.00	
22	3.47	4.73	3.22	3.71	3.47	2.52	45.21	12.92	172.36	7.15	3.96	0.35	
23	3.47	3.71	3.22	3.71	3.71	2.36	20.78	9.54	66.12	6.87	3.96	1.08	
24	3.47	3.47	3.96	3.47	3.47	2.36	8.42	64.73	52.47	6.60	3.71	1.08	
25	3.47	3.22	3.71	3.22	5.25	2.52	20.78	266.41	39.62	23.06	3.71	0.95	
26	3.47	3.22	3.22	3.22	3.47	2.52	7.71	83.79	78.15	12.50	2.75	1.35	
27	3.47	3.22	3.22	3.47	3.22	2.52	20.22	58.54	68.92	7.71	2.75	1.08	
28	3.71	4.21	2.98	3.22	4.21	2.52	9.88	41.99	41.99	7.71	2.75	1.21	
29	3.96	4.73	2.98	3.22	6.05	2.52	7.71	20.78	27.33	7.15		1.21	
30	3.71	4.73	2.98	2.98	3.71	2.52	7.15	14.12	17.99	6.87		1.08	
31		4.73		2.98	3.47		9.54		11.38	6.87		0.95	
Total	122.31	111.84	111.71	113.05	107.25	86.54	261.53	801.01	1979.72	627.38	828.43	26.63	5177.40 Ton/day
Mean	4.08	3.61	3.72	3.65	3.46	2.88	8.44	26.70	63.86	20.24	29.59	0.86	Ton/day
Max	5.25	4.73	7.43	7.15	6.05	4.99	45.21	266.41	172.36	71.03	251.14	2.06	266.41 Ton/day
Min	3.47	2.98	2.98	2.98	2.75	2.36	2.52	4.99	11.38	6.60	2.75	0.00	0.00 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Klai at Ban Hua Na , Nakhon Si Thammarat (X.149)

Lat 08 - 43 - 46 N Long 99 - 44 - 53 E

Location : on left bank at Ban Hua Na.

	Ban	Hua Na	Amphoe	Nopphitam	Changwat	Nakhon Si Thammarat
Drainage Area	475	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D - 48					
Period of Available Records	1998 - 2006, 2012 - Cont' d					
Actual Measurement	1998 - 2006, 2012 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	27					
R-Square	0.9630					
Remarks	Continued Sediment Station					

$$QS = 1.8044 QW^{1.33890}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	15.57	13.12	19.87	14.74	18.99	18.99	30.19	184.15	180.66	140.07	52.52	86.50		
2	14.74	11.55	31.18	14.74	28.23	64.76	18.99	124.32	274.13	140.07	66.56	81.39		
3	15.57	10.78	22.57	14.74	19.87	25.36	45.83	76.36	2409.53	209.10	50.82	76.36		
4	14.74	10.78	17.26	14.74	17.26	19.87	24.42	61.19	559.68	321.62	49.14	73.88		
5	14.74	10.03	15.57	26.31	17.26	18.12	21.66	52.52	433.61	233.58	54.23	70.19		
6	14.74	10.78	18.99	20.76	15.57	17.26	18.99	47.48	522.84	173.71	54.23	64.76		
7	13.92	11.55	15.57	19.87	15.57	17.26	18.12	42.57	1712.85	166.84	44.19	61.19		
8	13.92	11.55	15.57	19.87	15.57	17.26	25.36	44.19	799.98	213.94	42.57	59.43		
9	12.33	13.12	32.18	15.57	15.57	15.57	228.63	40.97	1042.13	228.63	39.38	57.68		
10	12.33	21.66	33.18	13.92	15.57	15.57	113.16	44.19	680.38	223.71	40.97	54.23		
11	12.33	16.41	21.66	13.12	15.57	15.57	52.52	35.22	433.61	187.67	47.48	52.52		
12	12.33	14.74	17.26	15.57	13.92	14.74	36.25	34.20	495.63	170.27	376.56	49.14		
13	12.33	17.26	15.57	28.23	15.57	13.92	64.76	34.20	759.57	143.35	2469.46	47.48		
14	12.33	15.57	14.74	42.57	15.57	13.12	38.33	31.18	486.64	121.50	5333.33	45.83		
15	12.33	13.12	13.92	24.42	14.74	12.33	38.33	40.97	772.98	110.42	898.03	52.52		
16	11.55	13.92	13.92	44.19	14.74	12.33	136.81	30.19	1229.11	102.28	559.68	44.19		
17	11.55	17.26	13.92	24.42	14.74	11.55	59.43	38.33	719.70	94.31	376.56	44.19		
18	11.55	16.41	14.74	28.23	13.92	13.12	38.33	30.19	486.64	86.50	284.51	40.97		
19	11.55	18.99	14.74	40.97	13.12	13.92	52.52	40.97	376.56	81.39	233.58	39.38		
20	11.55	16.41	15.57	72.03	15.57	27.27	40.97	868.49	301.60	76.36	191.20	38.33		
21	11.55	14.74	16.41	33.18	15.57	17.26	243.56	238.56	258.73	72.03	170.27	54.23		
22	10.03	18.12	13.92	28.23	16.41	13.92	1334.13	118.71	433.61	68.37	149.97	45.83		
23	10.03	14.74	13.92	24.42	14.74	13.92	383.58	86.50	301.60	64.76	177.18	45.83		
24	10.03	12.33	14.74	21.66	13.92	12.33	295.00	2320.34	263.84	66.56	177.18	49.14		
25	9.29	12.33	15.57	18.99	13.12	12.33	180.66	7762.24	223.71	218.81	136.81	42.57		
26	9.29	11.55	18.12	17.26	26.31	18.99	96.95	1419.68	191.20	89.08	118.71	40.97		
27	9.29	13.12	15.57	16.41	33.18	14.74	102.28	654.48	248.59	72.03	104.98	47.48		
28	20.76	12.33	14.74	15.57	18.99	14.74	68.37	397.71	199.50	66.56	94.31	50.82		
29	17.26	10.78	14.74	14.74	15.57	15.57	54.23	295.00	170.27	61.19		42.57		
30	19.87	13.12	13.92	13.92	18.99	36.25	47.48	218.81	153.31	57.68		42.57		
31		26.31		18.99	22.57		124.32		136.81	54.23		50.82		
Total	389.40	444.48	529.63	732.38	536.29	547.94	4034.16	15413.91	17259.00	4116.62	12394.41	1652.99	58051.21	Ton/day
Mean	12.98	14.34	17.65	23.63	17.30	18.26	130.13	513.80	556.74	132.79	442.66	53.32		Ton/day
Max	20.76	26.31	33.18	72.03	33.18	64.76	1334.13	7762.24	2409.53	321.62	5333.33	86.50	7762.24	Ton/day
Min	9.29	10.03	13.92	13.12	13.12	11.55	18.12	30.19	136.81	54.23	39.38	38.33	9.29	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Tha Taphao at Ban Wang Khrok , Chumphon (X.158)

Lat 10 - 35 - 34 N Long 99 - 08 - 43 E

Location : on right bank at the bridge on Chumphon - Prachuap Khiri Khan Highway.

	Ban	Wang Khrok	Amphoe	Tha Sae	Changwat	Chumphon
Drainage Area	1,814	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US D - 48					
Period of Available Records	1996 - Cont' d					
Actual Measurement	1996 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	24					
R-Square	0.9646					
Remarks	Continued Sediment Station					

$$QS = 1.0389 QW^{1.45740}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.15	7.55	15.19	51.19	7359.29	91.50	804.52	1832.83	655.36	103.46	47.62	43.66	
2	4.66	15.19	24.72	58.01	6319.66	89.04	460.85	1305.18	751.35	100.27	50.16	46.12	
3	4.66	15.19	43.66	55.35	4129.31	103.46	1904.42	786.26	1245.90	97.74	52.74	40.27	
4	4.90	15.19	73.00	214.85	2117.68	93.98	719.29	585.58	4001.38	109.94	51.19	52.74	
5	4.90	23.91	66.77	315.46	1883.65	89.04	526.85	575.66	4715.04	100.27	51.19	55.35	
6	5.92	24.72	59.08	363.90	1620.24	93.98	460.85	741.80	2649.64	91.50	47.62	46.12	
7	5.66	17.71	53.78	746.57	1229.13	386.01	575.66	470.11	4493.33	89.04	45.13	40.27	
8	5.40	30.66	78.83	841.42	891.42	974.58	741.80	442.51	6848.81	87.21	43.66	36.51	
9	6.18	34.22	732.30	642.80	780.21	866.31	479.43	400.64	2762.23	82.98	43.66	34.22	
10	5.92	29.78	1382.65	301.90	546.21	308.21	498.23	301.90	1373.98	80.60	42.68	33.32	
11	5.66	32.42	247.04	154.91	386.01	194.19	897.73	335.69	982.37	76.48	41.23	31.54	
12	12.46	38.85	100.27	109.94	897.73	165.96	498.23	252.96	816.76	74.74	43.66	29.78	
13	15.19	50.16	78.83	123.26	2222.74	179.52	281.47	226.24	780.21	73.00	123.26	29.78	
14	15.19	51.19	62.89	147.68	1690.70	737.04	442.51	194.19	536.51	70.72	241.99	28.92	
15	10.53	32.42	58.01	103.46	1245.90	706.35	301.90	165.96	400.64	68.45	97.74	28.92	
16	8.41	22.30	52.74	470.11	866.31	751.35	1025.57	147.68	329.21	66.77	64.54	28.92	
17	7.55	17.71	48.63	194.19	585.58	488.80	1237.51	137.05	275.34	64.54	53.78	28.06	
18	6.72	15.54	48.63	97.74	392.81	460.85	1204.09	130.09	247.04	62.89	50.16	27.22	
19	6.18	16.61	51.19	76.48	321.86	897.73	770.55	5663.82	204.44	60.70	47.62	26.38	
20	6.72	19.20	76.48	68.45	386.01	2389.30	546.21	15103.91	189.52	60.70	45.13	24.72	
21	6.72	45.13	95.85	64.54	321.86	2106.11	1842.32	8347.80	179.52	59.08	151.28	24.72	
22	6.45	38.85	73.00	70.72	241.99	1090.79	12072.58	3741.42	169.69	58.01	78.83	28.92	
23	6.18	27.22	64.54	194.19	189.52	706.35	12723.80	1523.79	158.57	55.35	56.41	30.66	
24	5.15	23.91	113.22	1497.00	154.91	415.44	8107.11	918.03	147.68	52.74	50.16	28.06	
25	2.65	17.71	498.23	953.89	133.56	288.53	7479.47	765.73	144.11	58.01	46.12	26.38	
26	2.65	16.25	151.28	407.53	119.88	269.26	4332.88	1113.71	137.05	60.70	45.13	25.54	
27	10.53	14.49	126.66	214.85	109.94	329.21	4800.38	1452.68	137.05	56.41	43.66	23.10	
28	12.46	15.54	82.98	363.90	103.46	451.65	2907.30	1105.60	189.52	50.16	43.66	23.10	
29	9.60	15.54	62.89	891.42	97.74	335.69	1461.51	1158.63	236.98	50.16		21.51	
30	8.41	13.46	53.78	1946.18	95.85	488.80	1040.10	780.21	119.88	47.62		20.74	
31		12.13		3860.72	95.85		860.06		109.94	46.12		19.97	
Total	218.76	750.75	4677.12	15602.61	37537.01	16549.03	72005.18	50707.66	35989.05	2216.36	1800.01	985.52	239039.09 Tonday
Mean	7.29	24.22	155.90	503.31	1210.87	551.63	2322.75	1690.26	1160.94	71.50	64.29	31.79	Ton/day
Max	15.19	51.19	1382.65	3860.72	7359.29	2389.30	12723.80	15103.91	6848.81	109.94	241.99	55.35	15103.91 Ton/day
Min	2.65	7.55	15.19	51.19	95.85	89.04	281.47	130.09	109.94	46.12	41.23	19.97	2.65 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA EAST COAST

Khlong Sao Thong at Ban Sao Thong , Nakhon Si Thammarat (X.167)

Lat 08 - 16 - 44 N Long 99 - 54 - 30 E

Location : on right bank at the bridge.

	Ban Sao Thong	Amphoe Ron Phibun	Changwat Nakhon Si Thammarat
Drainage Area	252 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US DH - 48		
Period of Available Records	1998 - 2009 , 2012 - Cont'd		
Actual Measurement	1998 - 2009 , 2012 - Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9506		
Remarks	Continued Sediment Station		

$$QS = 2.6628 QW^{1.22400}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.65	3.95	22.80	3.09	7.18	2.66	5.77	259.55	128.77	117.73	42.32	197.17	
2	9.88	4.37	19.19	3.09	10.47	2.66	4.84	108.21	161.55	110.92	44.27	184.63	
3	9.31	3.95	20.50	2.66	7.70	2.66	34.04	66.21	615.45	119.10	41.35	179.97	
4	8.17	3.95	13.47	3.09	7.18	2.66	17.24	47.23	437.59	151.38	38.46	86.19	
5	9.31	3.50	13.47	4.84	6.22	2.66	11.06	41.35	266.50	213.05	39.42	83.67	
6	9.31	4.84	14.09	5.28	4.84	3.09	6.72	34.88	339.95	135.77	61.78	79.89	
7	8.74	11.06	12.25	3.95	4.37	3.50	4.37	31.57	437.59	123.23	50.23	82.39	
8	8.17	7.18	12.86	3.95	3.50	3.09	3.50	47.23	605.93	477.71	38.46	79.89	
9	7.70	5.77	9.31	4.37	6.22	3.09	4.37	70.70	779.07	303.83	35.71	71.83	
10	7.18	6.72	93.83	5.28	8.17	3.09	17.89	65.10	772.34	268.24	39.42	71.83	
11	6.72	8.74	33.22	3.50	8.17	2.66	29.94	41.35	534.41	275.23	48.23	71.83	
12	6.72	6.22	20.50	3.09	9.31	2.28	20.50	35.71	333.79	200.33	208.26	66.21	
13	5.77	4.37	14.71	4.84	7.70	2.28	24.35	32.39	362.73	158.58	505.15	59.59	
14	4.84	7.18	11.65	4.37	4.84	1.87	25.93	25.93	273.48	120.47	812.83	56.32	
15	4.84	5.28	8.74	3.50	3.50	2.28	26.72	22.03	673.12	110.92	732.25	58.49	
16	5.28	4.37	8.74	10.47	3.50	2.28	53.26	23.58	799.29	97.65	639.36	56.32	
17	5.28	4.37	6.72	7.70	3.09	2.66	24.35	31.57	779.07	90.02	339.95	62.88	
18	5.28	12.86	9.31	7.70	2.66	2.66	18.53	15.97	589.08	82.39	244.33	54.28	
19	8.17	12.25	7.18	5.77	2.66	2.66	18.53	25.93	375.51	78.68	181.52	55.30	
20	4.84	8.74	7.70	21.26	2.28	6.22	33.22	404.00	273.48	78.68	151.38	53.26	
21	4.37	6.72	8.17	15.33	2.28	5.28	75.24	311.05	219.46	66.21	131.56	53.26	
22	3.95	5.77	7.70	11.06	2.28	2.66	198.75	128.77	415.31	57.41	114.99	69.57	
23	3.95	4.84	5.28	9.88	1.87	2.66	183.08	88.72	567.10	53.26	101.58	59.59	
24	5.28	3.95	4.84	8.17	2.28	2.28	88.72	300.11	301.96	50.23	93.83	60.68	
25	4.84	3.95	5.28	6.72	2.66	2.28	164.59	806.06	234.24	116.36	82.39	54.28	
26	3.95	3.50	6.72	6.22	5.28	2.28	101.58	745.57	275.23	105.52	77.53	56.32	
27	5.28	7.70	4.37	6.22	2.66	3.50	102.85	397.39	271.73	62.88	76.38	61.78	
28	4.84	8.17	3.50	3.95	2.28	3.50	56.32	234.24	227.67	58.49	75.24	70.70	
29	4.37	4.84	3.50	3.09	1.87	3.95	40.38	242.62	173.79	52.25		70.70	
30	3.95	17.89	3.09	3.09	2.66	3.09	32.39	161.55	148.52	47.23		69.57	
31		22.03		3.09	2.66		249.34		132.96	45.26		68.45	
Total	191.94	219.03	412.69	188.62	142.34	88.49	1678.37	4846.57	12506.67	4029.01	5048.18	2406.84	31758.75 Ton/day
Mean	6.40	7.07	13.76	6.08	4.59	2.95	54.14	161.55	403.44	129.97	180.29	77.64	Ton/day
Max	11.65	22.03	93.83	21.26	10.47	6.22	249.34	806.06	799.29	477.71	812.83	197.17	812.83 Ton/day
Min	3.95	3.50	3.09	2.66	1.87	1.87	3.50	15.97	128.77	45.26	35.71	53.26	1.87 Ton/day

WATER YEAR : 2005

TAPI RIVER BASIN

Khlong Phum Duang at Ban Tha Khanon , Surat Thani (X.36)

Lat 09 - 01 - 44 N Long 98 - 58 - 00 E

Location : on left bank at Ban Tha Khanon.

	Ban Tha Khanon	Amphoe Khiri Ratnikhom	Changwat Surat Thani
Drainage Area	2,968 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US DH - 49		
Period of Available Records	1989 - Cont' d		
Actual Measurement	1989 - 1999 , 2003-2005, 2012 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.7535		
Remarks	Continued Sediment Station		

$$QS = 2.1618 QW^{1.02520}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	46.15	422.83	52.61	62.34	295.56	60.17	386.15	479.69	174.84	136.44	74.28	99.64	
2	414.00	371.18	145.53	99.64	411.85	55.85	305.86	349.82	173.11	100.98	252.74	150.69	
3	239.67	162.76	416.14	187.57	360.50	60.17	354.09	293.48	169.66	208.00	143.81	262.39	
4	49.38	88.94	226.62	109.03	262.39	48.30	375.46	254.66	438.73	226.62	136.44	301.73	
5	37.09	46.15	222.89	95.63	245.27	61.26	318.29	249.01	399.00	106.34	58.01	388.29	
6	39.95	169.66	447.82	287.55	213.58	42.93	272.07	191.28	742.65	198.71	171.39	270.12	
7	86.39	133.49	392.57	228.48	239.67	42.93	388.29	157.58	545.47	79.12	208.00	356.22	
8	148.97	45.07	345.55	297.61	174.84	39.95	550.30	217.30	328.61	111.71	232.21	388.29	
9	82.75	86.39	834.12	232.21	180.15	37.09	633.87	235.94	375.46	113.06	213.58	371.18	
10	145.53	208.00	973.70	155.86	187.57	33.29	616.04	289.48	264.33	100.98	291.43	405.42	
11	111.71	354.09	616.04	206.14	219.17	41.85	411.85	215.44	312.07	88.94	209.86	381.87	
12	52.61	178.30	297.61	111.71	180.15	74.28	405.42	266.25	303.81	102.32	194.99	314.15	
13	87.61	283.68	235.94	90.28	241.54	111.71	436.46	191.28	405.42	96.96	142.33	77.91	
14	113.06	332.75	152.41	100.98	354.09	206.14	486.52	343.42	570.24	92.95	176.57	381.87	
15	114.40	118.80	107.69	96.96	235.94	88.94	330.69	154.13	360.50	58.01	162.76	241.54	
16	117.33	211.72	82.75	117.33	202.42	258.52	626.23	115.87	299.68	80.33	281.73	347.68	
17	196.85	79.12	77.91	129.08	130.55	250.87	431.91	182.01	270.12	74.28	264.33	316.21	
18	155.86	40.90	102.32	106.34	132.02	396.86	254.66	185.71	200.56	99.64	221.03	472.85	
19	81.54	85.18	243.40	80.33	287.55	456.92	373.32	86.39	174.84	87.61	70.66	392.57	
20	75.49	69.45	250.87	117.33	98.30	777.59	234.07	100.98	143.81	67.04	110.37	228.48	
21	69.45	63.42	228.48	208.00	83.97	931.23	241.54	114.40	137.91	67.04	92.95	472.85	
22	100.98	52.61	202.42	281.73	147.25	623.68	320.34	96.96	121.74	117.33	121.74	243.40	
23	401.14	54.77	198.71	260.47	85.18	303.81	243.40	74.28	126.14	196.85	334.88	185.71	
24	187.57	48.30	147.25	299.68	95.63	166.21	301.73	136.44	111.71	75.49	307.94	237.80	
25	117.33	38.99	120.27	115.87	115.87	121.74	254.66	332.75	230.34	48.30	260.47	187.57	
26	211.72	55.85	249.01	173.11	187.57	114.40	312.07	753.40	121.74	67.04	291.43	226.62	
27	204.28	40.90	176.57	217.30	143.81	270.12	585.50	962.37	316.21	56.93	147.25	150.69	
28	150.69	143.81	152.41	159.31	250.87	388.29	593.13	547.88	249.01	139.38	234.07	118.80	
29	154.13	50.45	80.33	136.44	87.61	388.29	502.48	343.42	169.66	127.61		92.95	
30	161.03	35.19	65.83	176.57	55.85	504.76	273.99	235.94	133.49	130.55		88.94	
31		34.24		241.54	75.49		283.68		103.66	50.45		52.61	
Total	4154.66	4106.99	7845.77	5182.42	5982.21	6958.15	12104.07	8157.56	8474.52	3307.01	5407.25	8207.04	79887.66 Ton/day
Mean	138.49	132.48	261.53	167.17	192.97	231.94	390.45	271.92	273.37	106.68	193.12	264.74	Ton/day
Max	414.00	422.83	973.70	299.68	411.85	931.23	633.87	962.37	742.65	226.62	334.88	472.85	973.70 Ton/day
Min	37.09	34.24	52.61	62.34	55.85	33.29	234.07	74.28	103.66	48.30	58.01	52.61	33.29 Ton/day

WATER YEAR : 2005

TAPI RIVER BASIN

Tapi River at Ban Tha Pho , Nakhon Si Thammarat (X.195)

Lat 08 - 30 - 24 N Long 99 - 30 - 39 E

Location : on left bank at Ban Tha Pho.

	Ban Tha Pho	Amphoe Chawang	Changwat Nakhon Si Thammarat
Drainage Area	488 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 49		
Period of Available Records	1998 - Cont'd		
Actual Measurement	1998 - 2002, 2005-2006, 2011 - Cont'd		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9418		
Remarks	Continued Sediment Station		

$$QS = 1.6100 QW^{1.33020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.56	6.33	18.43	36.75	61.69	24.53	20.42	147.17	176.76	128.43	80.88	89.48	
2	7.56	6.33	22.45	35.59	72.50	22.45	20.42	160.46	176.76	119.62	80.88	80.88	
3	8.85	6.33	27.74	35.59	92.98	20.42	23.49	163.15	354.03	117.44	80.88	80.88	
4	10.18	6.33	27.74	35.59	91.22	18.43	33.30	135.15	304.70	168.56	72.50	80.88	
5	8.85	6.33	27.74	45.11	87.74	18.43	32.17	141.94	228.64	152.45	64.35	80.88	
6	8.85	6.33	36.75	39.09	89.48	19.42	27.74	130.66	300.77	124.01	57.75	80.88	
7	6.94	6.94	36.75	41.47	82.58	22.45	27.74	128.43	332.55	48.82	57.75	74.15	
8	6.94	7.56	33.30	56.45	82.58	23.49	25.59	130.66	336.58	176.76	57.75	72.50	
9	6.33	8.20	42.68	41.47	70.85	21.43	42.68	130.66	559.28	165.85	57.75	72.50	
10	6.33	12.97	104.58	42.68	41.47	18.43	60.37	130.66	605.02	152.45	57.75	64.35	
11	6.33	15.17	89.48	42.68	36.75	18.43	59.06	124.01	465.74	176.76	57.75	64.35	
12	6.33	20.42	69.21	42.68	36.75	17.46	65.96	160.46	404.29	152.45	60.37	57.75	
13	5.74	22.45	33.30	42.68	39.09	16.69	113.11	163.15	418.28	135.15	157.78	57.75	
14	5.16	17.46	25.59	42.68	36.75	15.92	108.83	128.43	385.82	128.43	446.61	57.75	
15	5.16	17.46	24.53	42.68	34.44	15.17	128.43	100.38	514.44	117.44	262.20	51.33	
16	4.60	13.70	25.59	40.28	33.30	15.17	130.66	269.81	1890.97	110.96	174.02	51.33	
17	4.60	13.70	25.59	48.82	39.09	15.17	126.22	149.81	1292.38	106.70	130.66	51.33	
18	4.05	17.46	35.59	42.68	34.44	18.43	117.44	104.58	705.40	96.51	98.29	51.33	
19	4.05	14.43	36.75	48.82	31.04	19.42	117.44	102.47	549.24	89.48	98.29	45.11	
20	4.05	12.97	37.91	137.40	33.30	59.06	137.40	340.62	432.38	80.88	92.98	39.09	
21	4.05	12.97	42.68	124.01	33.30	29.93	132.90	245.28	408.94	80.88	89.48	39.09	
22	4.60	12.26	45.11	86.01	32.17	23.49	176.76	144.55	465.74	80.88	89.48	39.09	
23	6.33	11.55	48.82	69.21	29.93	20.42	218.80	126.22	605.02	80.88	82.58	39.09	
24	6.33	11.55	59.06	61.69	22.45	20.42	152.45	358.53	408.94	94.74	59.06	39.09	
25	6.33	10.86	59.06	56.45	20.42	17.46	182.28	1482.67	367.57	92.98	59.06	39.09	
26	6.33	10.86	60.37	51.33	18.43	22.45	152.45	842.23	320.54	94.74	67.58	39.09	
27	5.74	10.86	57.75	48.82	22.45	24.53	202.64	446.61	320.54	80.88	77.50	64.35	
28	5.74	10.86	47.57	45.11	20.42	27.74	149.81	308.64	312.59	80.88	77.50	64.35	
29	5.74	10.86	43.89	42.68	20.42	24.53	130.66	255.39	273.63	80.88		64.35	
30	5.74	11.55	41.47	43.89	20.42	21.43	117.44	212.30	255.39	80.88		57.75	
31		11.55		42.68	20.42		289.06		135.15	80.88		57.75	
Total	185.39	364.60	1287.48	1613.07	1388.87	652.80	3323.72	7465.08	14308.08	3478.65	2849.43	1847.59	38764.76 Tonday
Mean	6.18	11.76	42.92	52.03	44.80	21.76	107.22	248.84	461.55	112.21	101.77	59.60	105.89 Ton/day
Max	10.18	22.45	104.58	137.40	92.98	59.06	289.06	1482.67	1890.97	176.76	446.61	89.48	1890.97 Ton/day
Min	4.05	6.33	18.43	35.59	18.43	15.17	20.42	100.38	135.15	48.82	57.75	39.09	4.05 Ton/day

WATER YEAR : 2005

TAPI RIVER BASIN

Tapi River at Ban Khian Sa , Surat Thani (X.217)

Lat 08 - 50 - 54 N Long 99 - 12 - 03 E

Location : on left bank at Ban Khian Sa.

	Ban Khian Sa	Amphoe Khian Sa	Changwat Surat Thani
Drainage Area	6,697 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 49		
Period of Available Records	2005 - Cont' d		
Actual Measurement	2005 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	27		
R-Square	0.7097		
Remarks	Continued Sediment Station		

$$QS = 6.2311 QW^{0.94100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	303.30	261.70	194.40	249.20	232.40	439.00	421.00	972.90	1391.60	1882.90	535.20	625.40		
2	311.80	372.50	144.50	232.40	282.60	430.00	416.50	988.70	1485.40	1818.90	539.80	572.40		
3	368.10	245.00	171.10	282.60	303.30	412.00	376.80	997.20	1637.20	1756.00	461.40	563.10		
4	394.00	253.40	265.90	228.20	355.20	385.40	381.10	1010.00	1778.90	1689.30	452.50	544.50		
5	394.00	147.20	355.20	274.30	359.50	376.80	363.80	1010.00	1859.00	1615.50	502.50	539.80		
6	311.80	131.30	389.70	333.50	389.70	342.20	372.50	1005.70	1882.90	1533.40	483.80	535.20		
7	232.40	115.20	421.00	355.20	359.50	299.20	381.10	1001.50	1875.00	1485.40	474.90	539.80		
8	155.10	131.30	470.40	398.50	333.50	270.10	355.20	988.70	1851.00	1410.40	530.50	539.80		
9	155.10	133.90	539.80	434.50	324.80	207.60	398.50	980.60	1835.00	1350.20	553.80	535.20		
10	167.80	157.70	610.90	461.40	274.30	214.10	507.20	945.90	1835.00	1310.00	544.50	530.50		
11	177.80	217.40	544.50	407.50	240.80	228.20	572.40	915.10	1859.00	1284.90	470.40	530.50		
12	217.40	214.10	558.40	398.50	171.10	204.30	649.50	869.60	1882.90	1206.40	488.50	530.50		
13	210.90	245.00	567.70	342.20	174.40	191.00	693.30	830.10	1890.90	1167.60	483.80	535.20		
14	214.10	282.60	516.50	342.20	157.70	161.10	713.80	799.30	1882.90	1130.20	502.50	502.50		
15	346.50	261.70	439.00	274.30	181.10	184.40	727.70	777.60	1882.90	1092.90	601.20	470.40		
16	261.70	282.60	320.50	278.40	191.00	224.00	746.60	768.10	1890.90	1052.60	686.70	530.50		
17	236.60	214.10	257.60	346.50	201.00	232.40	760.90	770.50	1882.90	1010.00	713.80	586.70		
18	236.60	201.00	228.20	385.40	232.40	171.10	768.10	775.20	1875.00	961.30	737.00	577.00		
19	245.00	181.10	295.00	443.50	303.30	245.00	780.00	788.00	1867.00	900.50	760.90	591.50		
20	217.40	161.10	470.40	535.20	316.10	324.80	793.60	821.70	1867.00	842.00	782.40	610.90		
21	224.00	161.10	586.70	577.00	299.20	385.40	799.30	845.50	1882.90	807.70	807.70	620.60		
22	187.70	155.10	620.60	610.90	290.90	421.00	821.70	866.10	1973.80	727.70	824.50	654.40		
23	155.10	167.80	577.00	639.90	261.70	407.50	832.90	883.30	2093.70	698.50	835.80	649.50		
24	155.10	197.70	572.40	615.80	232.40	346.50	855.80	938.20	2173.80	688.00	832.90	530.50		
25	141.90	228.20	601.20	535.20	197.70	295.00	873.00	1039.80	2182.80	654.40	816.10	630.20		
26	191.00	257.60	549.10	474.90	157.70	232.40	879.90	1130.20	2138.10	649.50	777.60	681.50		
27	217.40	282.60	521.20	376.80	171.10	201.00	890.20	1225.80	2085.20	668.80	729.40	639.90		
28	228.20	299.20	474.90	295.00	240.80	228.20	903.90	1279.80	2068.10	682.80	694.60	558.40		
29	257.60	282.60	389.70	228.20	337.90	316.10	903.90	1305.00	2033.80	654.40		443.50		
30	282.60	249.20	324.80	197.70	389.70	394.00	915.10	1335.20	1982.40	620.60		359.50		
31		236.60		187.70	452.50		942.10		1930.90	507.20		324.80		
Total	7198.00	6727.60	12978.30	11742.60	8415.30	8769.80	20797.40	28865.30	58757.90	33860.00	17624.70	17084.20	232821.10	Ton/day
Mean	239.90	217.00	432.60	378.80	271.50	292.30	670.90	962.20	1895.40	1092.30	629.50	551.10		Ton/day
Max	394.00	372.50	620.60	639.90	452.50	439.00	942.10	1335.20	2182.80	1882.90	835.80	681.50	2182.80	Ton/day
Min	141.90	115.20	144.50	187.70	157.70	161.10	355.20	768.10	1391.60	507.20	452.50	324.80	115.20	Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlung U - Taphao at Ban Hat Yai Nai , Songkhla (X.44)

Lat 07 - 00 - 02 N Long 100 - 27 - 32 E

Location : on left bank at the bridge of Hat Yai - Rattaphum Highway.

	Ban	Hat Yai Nai	Amphoe	Hat Yai	Changwat	Songkhla
Drainage Area	1,720	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2000 - Cont' d					
Actual Measurement	2000 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	27					
R-Square	0.9832					
Remarks	Continued Sediment Station					

$$QS = 0.1456 QW^{2.37980}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	73.85	43.80	113.30	642.35	8.78	208.73	556.05	1798.15	3704.98	7881.24	150.93	280.41		
2	41.01	38.33	77.75	113.30	10.35	168.99	476.89	1670.23	7316.35	7133.44	447.18	339.25		
3	150.93	26.46	258.67	4.95	30.90	258.67	735.95	1897.70	21691.85	6775.66	1062.11	404.68		
4	391.05	18.17	168.99	4.95	418.57	291.66	837.01	5144.40	15628.74	7595.75	303.16	377.70		
5	351.80	18.17	41.01	4.43	837.01	181.70	1931.58	8172.86	15974.25	5765.73	589.71	339.25		
6	404.68	14.94	20.53	3.94	181.70	18.17	4776.77	6953.21	21484.83	4356.34	556.05	199.48		
7	351.80	13.94	6.09	3.94	12.99	4.95	3461.42	6600.76	19673.19	3582.00	280.41	113.30		
8	227.96	24.38	6.09	8.06	3.94	10.35	2365.51	4921.93	49822.30	3113.95	269.41	113.30		
9	128.67	8.78	145.17	15.98	4.95	70.06	1459.42	3893.98	279580.06	2683.46	280.41	181.70		
10	85.92	9.55	697.63	12.07	3.07	43.80	858.13	3002.84	418336.53	2142.18	492.16	150.93		
11	218.22	12.99	38.33	14.94	5.50	1186.45	128.67	2683.46	358841.69	2070.57	879.56	123.42		
12	156.82	8.06	17.05	17.05	6.71	523.54	156.82	4849.03	198187.66	2035.30	556.05	99.06		
13	66.38	6.09	162.84	18.17	4.95	49.70	4995.45	3113.95	85880.57	1830.99	697.63	77.75		
14	56.04	6.71	1931.58	15.98	5.50	10.35	8980.73	5219.82	22744.27	1577.86	1264.91	77.75		
15	62.82	6.71	85.92	17.05	6.71	10.35	7408.81	6343.37	61768.41	1430.64	1639.10	70.06		
16	46.70	12.99	642.35	175.28	139.54	10.35	6009.38	4221.16	174137.55	606.97	1965.80	59.37		
17	90.18	18.17	145.17	15.98	269.41	10.35	4849.03	4563.75	459881.00	589.71	3461.42	52.81		
18	46.70	12.99	70.06	19.33	181.70	10.35	4563.75	4705.14	596066.63	923.33	5372.59	52.81		
19	56.04	134.04	59.37	134.04	150.93	10.35	4424.85	5372.59	634565.94	901.29	3521.41	43.80		
20	52.81	145.17	66.38	199.48	118.30	24.38	4023.02	5527.91	457040.19	816.19	2289.64	99.06		
21	77.75	26.46	24.38	175.28	123.42	168.99	3893.98	5685.81	285094.88	775.47	1264.91	90.18		
22	49.70	22.41	19.33	280.41	90.18	418.57	3643.19	4921.93	167272.20	735.95	795.68	90.18		
23	41.01	81.78	28.63	227.96	70.06	606.97	3058.11	4634.13	107921.35	735.95	589.71	190.47		
24	38.33	103.69	18.17	248.18	20.53	523.54	2070.57	57296.19	94087.91	795.68	837.01	945.68		
25	38.33	118.30	10.35	175.28	351.80	447.18	1547.75	183541.31	71856.26	735.95	660.49	2327.40		
26	26.46	5.50	17.05	128.67	351.80	339.25	1547.75	158366.53	48047.89	624.52	589.71	4921.93		
27	15.98	2.68	19.33	1.99	492.16	81.78	2442.83	82839.03	28934.13	606.97	364.62	6258.89		
28	52.81	17.05	8.06	1.99	523.54	33.27	4921.93	40123.73	18140.00	237.95	248.18	6343.37		
29	46.70	14.94	6.09	1.99	291.66	46.70	6953.21	34717.07	12562.28	150.93		7785.40		
30	30.90	14.94	15.98	1.99	77.75	66.38	4776.77	21484.83	9615.78	339.25		6600.76		
31		13.94		0.00	59.37		3170.39		8370.70	351.80		3343.23		
Total	3478.35	1002.13	4921.65	2685.01	4853.78	5835.88	101025.72	684266.80	4754230.37	69903.02	31429.95	42153.38	5705786.03	Ton/day
Mean	115.94	32.33	164.06	89.50	156.57	194.53	3258.89	22808.89	153362.27	2254.94	1122.50	1359.79	15410.02	Ton/day
Max	404.68	145.17	1931.58	642.35	837.01	1186.45	8980.73	183541.31	634565.94	7881.24	5372.59	7785.40	634565.94	Ton/day
Min	15.98	2.68	6.09	1.99	3.07	4.95	128.67	1670.23	3704.98	150.93	150.93	43.80	1.99	Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Tha Khae at Ban Tha Khae , Phatthalung (X.68)

Lat 07 - 34 - 01 N Long 100 - 03 - 05 E

Location : on left bank downstream side of the bridge of Phatthalung - Hat Yai Highway.

	Ban Tha Khae	Amphoe Mueang	Changwat Phatthalung
Drainge Area	302 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1983 - Cont' d		
Actual Measurement	1983 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	27		
R-Square	0.9710		
Remarks	Continued Sediment Station		

$$QS = 2.7218 QW^{1.30620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.45	1.40	7.35	1.87	10.74	2.03	17.41	20.66	58.42	65.30	32.01	33.93	
2	3.23	1.10	4.03	2.20	9.58	2.20	10.35	17.41	86.69	68.84	32.65	32.01	
3	5.11	1.10	3.27	1.87	9.20	2.20	11.13	18.52	141.59	80.03	32.01	30.75	
4	8.45	1.10	3.45	1.87	4.22	2.37	27.04	20.66	105.62	110.93	33.29	29.50	
5	9.43	1.10	3.27	1.55	3.08	3.08	12.89	19.53	122.00	80.03	34.57	28.27	
6	7.80	4.62	4.22	1.55	2.55	2.55	7.00	17.96	98.64	71.20	33.93	25.23	
7	6.64	11.13	3.08	1.87	2.20	3.45	5.95	17.41	119.66	67.63	31.38	22.86	
8	4.87	5.28	3.27	2.55	1.40	4.03	4.62	24.04	160.08	74.81	28.88	21.70	
9	3.91	5.28	4.22	1.55	0.82	2.20	5.61	28.27	301.04	69.98	28.27	22.28	
10	3.23	7.71	10.35	1.71	0.69	1.55	8.82	26.44	281.90	69.98	35.54	21.70	
11	3.68	4.95	9.20	1.71	0.33	0.82	40.49	16.92	231.35	78.39	71.20	21.70	
12	5.61	3.64	5.28	0.13	0.56	0.56	48.70	21.70	251.70	71.20	64.18	21.70	
13	5.87	7.00	3.64	0.82	1.40	0.45	47.66	23.45	126.70	67.63	107.39	20.66	
14	5.11	5.28	3.27	3.45	2.03	0.82	25.23	13.36	146.37	61.87	129.07	19.53	
15	4.15	3.83	2.90	4.22	2.37	0.96	20.66	31.38	414.48	60.69	172.39	18.52	
16	4.87	4.42	2.37	3.08	2.72	1.55	23.45	19.02	999.90	52.94	133.83	18.52	
17	5.36	4.03	1.87	4.42	2.72	1.87	18.52	18.52	1158.84	50.81	81.68	17.41	
18	4.15	3.08	4.42	5.28	2.55	2.90	11.53	24.63	467.07	48.70	93.47	16.92	
19	4.15	2.90	4.42	4.95	3.08	3.83	13.88	26.44	414.48	47.66	73.58	16.92	
20	4.62	3.08	9.20	3.64	3.64	18.52	20.66	102.12	193.84	47.66	56.17	18.52	
21	3.45	4.42	5.95	8.45	4.03	11.53	17.41	100.37	109.16	46.62	52.94	21.18	
22	3.01	4.22	3.64	8.08	3.45	6.29	27.65	66.50	164.72	46.62	50.81	25.23	
23	2.37	3.64	3.27	4.03	2.90	3.83	107.39	61.87	392.90	46.62	48.70	27.04	
24	2.03	3.27	2.55	3.64	2.37	3.08	69.98	293.88	251.70	45.58	46.62	58.42	
25	2.20	3.27	3.08	2.37	3.83	2.72	64.18	301.04	160.08	40.49	46.62	54.01	
26	2.03	3.08	3.45	2.37	2.20	3.08	50.81	109.16	96.91	40.49	46.62	48.70	
27	1.87	2.37	2.72	2.03	2.37	6.64	48.70	98.64	103.87	38.49	43.53	51.87	
28	1.55	2.20	2.72	2.03	2.90	4.03	44.55	83.35	98.64	35.54	38.49	55.09	
29	1.55	2.20	2.03	1.40	2.20	4.03	38.49	69.98	80.03	34.57		47.66	
30	1.40	2.37	2.03	1.10	2.20	3.27	32.65	60.69	73.58	33.93		42.51	
31		6.29		0.82	1.87		27.04		69.98	32.65		46.62	
Total	125.15	119.36	124.52	86.61	96.20	106.44	910.45	1753.92	7481.94	1787.88	1679.82	936.96	15209.25 Ton/day
Mean	4.17	3.85	4.15	2.79	3.10	3.55	29.37	58.46	241.35	57.67	59.99	30.22	Ton/day
Max	9.43	11.13	10.35	8.45	10.74	18.52	107.39	301.04	1158.84	110.93	172.39	58.42	1158.84 Ton/day
Min	1.40	1.10	1.87	0.13	0.33	0.45	4.62	13.36	58.42	32.65	28.27	16.92	0.13 Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlung U - Taphao at Ban Bang Sala , Songkhla (X.90)

Lat 06 - 55 - 39 N Long 100 - 26 - 37 E

Location : on left bank at the bridge near Wat Bang Sala, Tambon Thung Lan.

	Ban Bang Sala	Amphoe Khlung Hoi Khong	Changwat Songkhla
Drainage Area	1,547 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US D- 49		
Period of Available Records	1982 - Cont' d		
Actual Measurement	1982 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	20		
R-Square	0.9626		
Remarks	Continued Sediment Station		

$$QS = 3.6625 QW^{1.23890}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	74.27	69.44	178.16	40.09	159.18	142.45	237.43	212.34	860.60	691.79	709.29	197.55		
2	111.89	80.40	192.67	26.23	178.16	153.56	195.11	227.33	934.00	609.87	609.87	212.34		
3	118.95	36.52	153.56	23.61	195.11	91.23	245.06	178.16	1410.03	573.58	584.43	212.34		
4	149.84	39.37	64.67	28.91	136.95	47.41	527.07	516.44	1377.93	592.88	187.81	204.92		
5	127.89	48.53	38.65	30.27	77.93	14.88	797.99	748.95	1696.99	527.07	273.43	187.81		
6	163.88	55.33	64.67	42.99	74.27	26.90	856.05	811.47	1821.60	433.00	212.34	163.88		
7	144.29	59.97	82.87	49.65	55.33	53.05	436.41	622.67	1640.11	362.43	219.81	229.85		
8	103.18	59.97	111.89	56.49	76.71	79.16	342.73	474.36	2025.04	310.37	291.79	265.64		
9	79.16	69.44	126.09	63.49	94.62	185.39	245.06	297.08	4340.14	289.15	369.04	200.00		
10	138.78	75.49	92.92	76.71	103.18	349.27	131.50	245.06	5214.77	283.89	457.04	217.32		
11	127.89	51.91	47.41	86.62	106.65	120.73	75.49	402.46	4263.00	342.73	323.24	268.23		
12	103.18	48.53	204.92	99.74	108.39	35.82	273.43	372.36	2889.96	336.21	273.43	302.38		
13	64.67	57.64	227.33	110.14	111.89	48.53	806.97	552.02	1903.09	305.04	412.59	336.21		
14	62.31	64.67	382.34	126.09	113.65	69.44	852.16	527.07	1371.52	265.64	498.83	349.27		
15	61.13	74.27	75.49	133.32	117.18	91.23	797.99	597.12	1353.77	229.85	544.87	342.73		
16	58.80	92.92	124.30	135.13	135.13	111.89	762.27	584.43	2710.40	212.34	527.07	278.65		
17	54.19	129.69	36.52	91.23	113.65	129.69	648.43	534.17	5450.42	450.14	784.56	265.64		
18	55.33	161.53	26.23	120.73	89.55	144.29	537.73	527.07	10433.58	453.59	713.67	270.83		
19	71.85	182.98	17.91	187.81	76.71	163.88	498.83	548.44	10885.63	422.77	509.38	283.89		
20	64.67	118.95	13.11	222.31	68.24	200.00	502.34	512.91	6291.92	395.73	379.01	291.79		
21	73.06	77.93	16.08	207.39	61.13	237.43	488.31	509.38	4038.46	365.73	263.05	286.52		
22	64.67	104.91	41.90	168.62	54.19	219.81	402.46	453.59	2824.41	326.47	245.06	305.04		
23	74.27	171.00	61.13	129.69	74.27	214.83	265.64	355.84	2267.71	294.43	329.71	329.71		
24	79.16	53.05	76.71	110.14	86.62	222.31	202.46	1353.77	2115.13	257.88	278.65	389.03		
25	70.64	82.87	87.87	75.49	151.70	151.70	161.53	2652.12	1903.09	229.85	207.39	498.83		
26	71.85	50.78	104.91	54.19	138.78	96.32	224.82	2385.85	1537.68	195.11	161.53	740.10		
27	89.55	71.85	117.18	47.41	131.50	75.49	320.01	1830.62	1177.32	209.86	113.65	1000.49		
28	106.65	86.62	133.32	74.27	99.74	133.32	453.59	1422.92	971.12	436.41	161.53	1429.37		
29	74.27	85.37	157.30	91.23	81.63	219.81	519.98	1257.95	872.32	601.37		992.46		
30	67.04	92.92	159.18	106.65	92.92	323.24	498.83	1011.21	848.27	601.37		843.08		
31		136.95		138.78	124.30		294.43		735.68	618.40		530.62		
Total	2707.31	2591.80	3217.29	2955.42	3289.26	4153.06	13602.11	22725.16	88165.70	12224.95	10642.07	12426.52	178700.66	Ton/day
Mean	90.24	83.61	107.24	95.34	106.11	138.44	438.78	757.51	2844.05	394.35	380.07	400.86		Ton/day
Max	163.88	182.98	382.34	222.31	195.11	349.27	856.05	2652.12	10885.63	691.79	784.56	1429.37	10885.63	Ton/day
Min	54.19	36.52	13.11	23.61	54.19	14.88	75.49	178.16	735.68	195.11	113.65	163.88	13.11	Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Bang Kaeo at Ban Khuan In No Mo , Phutthalung (X.109)

Lat 07 - 20 - 29 N Long 100 - 03 - 35 E

Location : on left bank at Ban Khuan In No Mo.

	Ban Khuan In No Mo	Amphoe Ta Mot	Changwat Phatthalung
Drainge Area	131 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US D-49		
Period of Available Records	1998 - Cont' d		
Actual Measurement	1998 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.8880		
Remarks	Continued Sediment Station		

$$QS = 3.4692 QW^{1.04250}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.56	3.69	4.78	3.69	4.78	4.78	10.00	10.00	30.71	53.28	19.04	19.35		
2	4.34	3.69	3.90	3.69	3.69	8.68	8.94	8.94	70.53	49.53	21.80	18.11		
3	4.56	2.57	3.69	3.69	3.90	5.22	6.11	8.42	64.16	50.90	18.42	17.80		
4	4.78	2.75	3.69	3.69	3.69	5.00	8.68	8.94	80.90	53.77	16.56	17.80		
5	5.00	2.75	3.69	3.69	2.57	4.12	6.33	9.73	44.46	44.90	13.49	17.49		
6	4.34	2.75	3.69	3.69	2.75	3.90	5.22	14.41	75.19	42.62	13.19	16.87		
7	4.12	2.75	3.69	4.34	2.75	3.69	4.78	9.47	230.74	40.41	13.80	16.56		
8	4.12	2.75	5.22	3.69	2.75	3.69	4.56	21.10	332.17	39.10	15.95	15.95		
9	4.12	7.00	4.78	3.69	2.93	3.69	7.44	13.19	512.01	38.22	16.26	15.64		
10	3.90	7.89	7.22	2.57	2.93	3.69	5.66	10.53	381.10	44.46	23.91	15.03		
11	3.90	6.33	4.78	2.75	2.93	2.57	20.75	32.69	205.39	42.62	43.06	14.72		
12	3.90	5.88	4.34	2.93	2.93	2.57	13.49	17.18	131.94	38.22	27.95	14.72		
13	3.69	5.44	4.12	2.75	2.75	2.75	12.65	17.18	122.02	34.72	50.46	14.41		
14	3.69	4.56	3.90	2.93	5.88	2.75	14.72	21.10	217.88	33.09	57.66	13.80		
15	3.69	4.12	3.69	2.57	3.69	2.93	8.94	18.11	428.74	31.90	224.86	13.80		
16	3.29	3.69	3.69	5.88	4.56	2.93	8.68	15.95	1037.30	30.32	230.74	13.49		
17	3.29	4.34	7.89	5.00	3.29	2.93	9.73	15.64	863.18	28.35	65.22	13.19		
18	3.29	3.90	4.78	4.34	2.93	4.78	9.21	11.59	1073.83	27.95	42.62	12.92		
19	3.29	3.69	4.34	3.69	2.75	6.77	22.50	15.03	428.74	26.77	35.59	12.65		
20	3.29	4.34	4.78	3.69	2.75	11.85	12.65	79.63	203.98	25.67	31.50	12.39		
21	3.11	5.66	5.22	4.78	2.75	5.66	11.06	117.55	130.14	24.97	29.13	12.12		
22	3.11	6.55	4.34	4.12	2.75	4.56	10.53	34.72	483.67	23.91	27.16	49.08		
23	3.11	6.55	4.12	3.90	2.75	4.12	31.90	29.13	440.19	23.20	25.32	24.26		
24	3.11	5.22	3.90	3.90	2.75	3.90	14.41	636.94	191.40	22.85	23.91	36.03		
25	3.11	4.34	4.56	3.69	2.93	3.90	28.74	522.66	128.34	22.50	22.85	30.71		
26	2.93	4.12	4.12	3.29	2.75	5.66	14.72	154.12	129.22	22.15	21.45	30.71		
27	3.29	3.90	3.90	3.29	3.11	4.78	13.19	69.99	131.94	21.10	20.40	41.29		
28	3.29	4.34	3.90	2.57	3.29	4.56	28.74	51.87	115.75	20.40	20.05	26.38		
29	3.29	3.90	3.69	2.93	3.11	4.12	17.18	43.50	77.12	20.05		25.67		
30	3.29	3.69	3.69	3.11	2.57	8.94	12.65	35.15	65.22	20.05		25.32		
31		3.69		3.11	3.69		12.12		59.12	19.04		230.74		
Total	110.80	136.84	132.10	111.65	99.65	139.49	396.28	2054.46	8487.08	1017.02	1172.35	839.00	14696.72	Ton/day
Mean	3.69	4.41	4.40	3.60	3.21	4.65	12.78	68.48	273.78	32.81	41.87	27.06		Ton/day
Max	5.00	7.89	7.89	5.88	5.88	11.85	31.90	636.94	1073.83	53.77	230.74	230.74	1073.83	Ton/day
Min	2.93	2.57	3.69	2.57	2.57	2.57	4.56	8.42	30.71	19.04	13.19	12.12	2.57	Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlung Ai To at Ban Ai To, Phatthalung (X.129)

Lat 07 - 23 - 19 N Long 100 - 06 - 44 E

Location : on right bank near Wat Ban Ai To.

	Ban Ai To	Amphoe Bang Kaeo	Changwat Phatthalung
Drainage Area	325 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US D-49		
Period of Available Records	1983 - Cont' d		
Actual Measurement	1983 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9707		
Remarks	Continued Sediment Station		

$$QS = 4.0065 QW^{1.14470}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.88	2.45	2.88	2.66	2.66	2.66	2.45	18.47	93.01	123.61	16.26	43.61	
2	3.10	2.45	2.88	2.66	2.66	3.10	2.23	11.44	183.55	104.01	23.84	42.56	
3	3.10	2.45	2.88	2.66	2.66	3.10	2.66	7.85	323.91	98.49	18.47	40.34	
4	3.10	2.45	2.66	2.45	2.66	3.10	2.66	8.61	353.65	165.44	15.17	37.17	
5	3.10	2.45	2.66	2.45	2.66	3.10	3.78	9.37	219.28	120.78	14.09	36.26	
6	2.88	2.45	2.66	2.45	2.66	3.10	3.33	9.88	294.92	98.49	14.09	33.54	
7	2.88	2.45	2.66	2.45	2.45	2.88	2.88	8.61	322.32	97.12	13.55	32.64	
8	2.66	2.45	2.88	2.45	2.45	3.10	2.66	20.43	1062.69	87.57	13.02	29.97	
9	2.66	2.66	2.88	2.45	2.45	2.88	2.45	25.58	1662.81	82.17	11.96	17.36	
10	2.66	3.10	3.10	2.45	2.23	3.10	2.45	14.09	1786.70	101.25	19.03	14.63	
11	2.66	3.10	3.10	2.45	2.23	2.66	7.11	19.59	1189.90	130.71	196.62	13.55	
12	2.66	3.10	3.10	2.66	2.23	2.66	39.30	33.54	497.47	112.36	83.52	16.26	
13	2.66	2.66	2.88	2.66	2.45	2.66	47.98	27.32	497.47	94.38	115.16	24.71	
14	2.66	2.66	2.88	3.10	2.66	2.66	43.61	29.08	651.19	78.62	298.87	26.45	
15	2.66	2.66	2.66	3.10	2.88	2.66	15.71	25.58	1314.56	69.34	378.81	24.71	
16	2.66	2.88	2.66	3.10	3.10	2.66	9.88	26.45	2014.04	61.38	873.68	18.47	
17	2.66	2.88	2.66	3.10	2.66	2.66	22.13	22.13	1993.92	58.02	385.33	8.35	
18	2.66	2.66	2.66	2.88	2.66	2.66	19.03	15.17	1873.73	50.19	185.41	7.35	
19	2.66	2.66	2.66	2.66	2.66	3.10	38.26	15.17	1883.71	44.73	120.78	6.62	
20	2.66	2.66	2.66	2.66	2.66	2.88	24.71	143.61	1182.37	40.34	90.29	6.37	
21	2.66	2.66	2.66	2.66	2.66	6.37	15.17	352.43	527.11	38.26	76.29	6.13	
22	2.66	3.33	2.66	2.66	3.10	4.24	12.49	219.28	534.76	35.35	65.93	156.66	
23	2.66	3.10	2.45	2.66	3.10	3.10	71.71	95.75	1893.70	34.44	65.93	97.12	
24	2.66	3.10	3.10	2.66	3.10	3.10	42.56	835.74	1197.44	28.20	63.65	140.73	
25	2.88	3.10	3.10	2.66	3.10	2.88	64.76	1983.87	509.30	27.32	59.12	246.11	
26	2.88	3.10	2.88	2.66	2.88	2.88	37.17	1280.28	456.36	37.17	54.63	185.41	
27	2.66	3.10	2.66	2.66	2.88	2.66	22.98	395.15	619.86	25.58	50.19	183.55	
28	2.45	2.66	2.66	2.66	2.66	2.45	45.79	244.18	448.02	24.71	46.92	134.99	
29	2.45	2.88	2.66	2.66	2.66	2.45	67.11	177.98	292.94	22.13		79.83	
30	2.45	3.10	2.66	2.66	2.66	2.45	31.75	136.43	185.41	21.28		75.16	
31		3.10		2.66	2.66		27.32		145.06	20.43		287.03	
Total	82.03	86.51	83.55	82.76	83.19	89.96	734.08	6213.06	26211.16	2133.87	3370.61	2073.64	41244.42 Ton/day
Mean	2.73	2.79	2.79	2.67	2.68	3.00	23.68	207.10	845.52	68.83	120.38	66.89	Ton/day
Max	3.10	3.33	3.10	3.10	3.10	6.37	71.71	1983.87	2014.04	165.44	873.68	287.03	2014.04 Ton/day
Min	2.45	2.45	2.45	2.45	2.23	2.45	2.23	7.85	93.01	20.43	11.96	6.13	2.23 Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlung Lam at Ban Khlung Lam , Phatthalung (X.170)

Lat 07 - 33 - 22 N Long 99 - 59 - 31 E

Location : on left bank at the bridge.

	Ban Khlung Lam	Amphoe Srinagarindra	Changwat Phatthalung
Drainage Area	258 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US D-59		
Period of Available Records	2005 - Cont' d		
Actual Measurement	2005 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	27		
R-Square	0.9270		
Remarks	Continued Sediment Station		

QS = 3.0829 QW^{1.22170}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	26.12	18.58	28.08	15.75	48.87	18.58	38.21	78.83	98.22	173.63	60.28	57.71	
2	26.12	18.58	20.42	15.75	34.09	15.75	26.12	76.13	192.59	192.59	65.49	55.47	
3	30.06	18.58	18.58	14.74	32.07	18.58	36.14	70.77	462.22	204.62	60.28	55.47	
4	32.07	18.58	16.77	13.75	24.19	22.29	70.77	78.83	216.78	406.76	55.47	53.25	
5	36.14	18.58	26.12	13.75	20.42	15.75	38.21	76.13	216.78	204.62	55.47	51.05	
6	30.06	26.12	24.19	14.74	18.58	15.75	30.06	73.44	192.59	163.12	55.47	51.05	
7	26.12	40.31	16.77	22.29	16.77	16.77	26.12	70.77	348.20	149.30	53.25	48.87	
8	26.12	22.29	22.29	15.75	15.75	15.75	22.29	101.05	855.77	241.48	51.05	46.70	
9	26.12	30.06	22.29	14.74	15.75	14.74	30.06	81.55	1801.35	163.12	48.87	46.70	
10	26.12	28.08	62.87	13.75	15.75	13.75	26.12	78.83	1915.08	208.66	87.05	46.70	
11	26.12	26.12	32.07	13.75	14.74	13.75	98.22	87.05	846.37	188.61	101.05	44.55	
12	26.12	18.58	26.12	12.77	14.74	13.75	200.60	89.82	480.99	152.73	95.40	44.55	
13	24.19	38.21	22.29	13.75	13.75	12.77	109.63	84.29	423.26	125.67	200.60	42.42	
14	24.19	26.12	18.58	42.42	13.75	12.77	46.70	87.05	713.79	112.52	333.60	42.42	
15	22.29	22.29	18.58	22.29	15.75	12.77	36.14	115.78	5017.63	103.90	979.64	42.42	
16	24.19	28.08	16.77	20.42	13.75	12.77	42.42	87.05	7403.08	95.40	363.35	40.31	
17	22.29	22.29	28.08	32.07	13.75	11.80	40.31	84.29	4403.65	89.82	177.16	40.31	
18	22.29	16.77	30.06	38.21	14.74	14.74	34.09	76.13	2657.25	84.29	122.36	38.21	
19	22.29	15.75	24.19	34.09	13.75	38.21	40.31	81.55	1801.35	81.55	101.05	38.21	
20	22.29	18.58	32.07	26.12	14.74	78.83	40.31	220.87	846.37	81.55	92.60	40.31	
21	22.29	20.42	26.12	36.14	18.58	30.06	70.77	229.07	534.24	76.13	87.05	40.31	
22	22.29	22.29	22.29	32.07	14.74	22.29	81.55	135.71	2657.25	73.44	81.55	53.25	
23	22.29	18.58	20.42	26.12	13.75	18.58	159.64	119.06	1738.73	70.77	78.83	48.87	
24	22.29	16.77	18.58	26.12	20.42	16.77	103.90	2324.15	738.14	70.77	76.13	89.82	
25	18.58	18.58	22.29	22.29	15.75	15.75	142.47	1230.31	494.21	68.12	70.77	65.49	
26	18.58	15.75	20.42	18.58	13.75	26.12	103.90	319.12	412.25	73.44	68.12	87.05	
27	18.58	14.74	16.77	16.77	15.75	24.19	106.76	290.51	401.29	65.49	65.49	258.20	
28	18.58	14.74	15.75	16.77	20.42	20.42	119.06	173.63	374.12	62.87	60.28	76.13	
29	18.58	13.75	15.75	15.75	16.77	20.42	92.60	132.35	295.25	60.28		62.87	
30	18.58	24.19	15.75	15.75	18.58	42.42	81.55	112.52	229.07	60.28		55.47	
31		51.05		15.75	18.58		68.12		196.59	60.28		89.82	
Total	721.95	703.41	701.33	653.01	572.79	626.89	2163.15	6866.64	38964.46	3965.81	3747.71	1853.96	61541.12 Ton/day
Mean	24.07	22.69	23.38	21.06	18.48	20.90	69.78	228.89	1256.92	127.93	133.85	59.81	Ton/day
Max	36.14	51.05	62.87	42.42	48.87	78.83	200.60	2324.15	7403.08	406.76	979.64	258.20	7403.08 Ton/day
Min	18.58	13.75	15.75	12.77	13.75	11.80	22.29	70.77	98.22	60.28	48.87	38.21	11.80 Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Khlong Wa at Ban Khlong Wa , Songkhla (X.174)

Lat 06 - 59 - 42 N Long 100 - 29 - 05 E

Location : on right bank at the bridge.

	Ban Khlong Wa	Amphoe Hat Yai	Changwat Songkhla
Drainage Area	116 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US D-59		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9292		
Remarks	Continued Sediment Station		

$$QS = 5.6475 QW^{1.16240}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.98	5.98	21.04	12.49	9.05	12.49	25.44	49.84	547.91	111.85	19.78	17.30	
2	5.98	5.98	17.92	11.91	9.05	11.91	23.66	45.07	607.06	83.42	19.16	17.30	
3	5.98	5.98	15.47	10.75	9.05	11.33	22.78	43.93	291.84	71.03	18.54	16.08	
4	5.45	5.98	14.27	10.18	8.49	10.75	22.78	42.71	259.97	66.38	17.92	16.08	
5	5.45	5.98	13.68	9.05	8.49	10.75	21.91	43.93	307.39	63.33	17.30	15.47	
6	5.45	5.98	13.68	8.49	8.49	13.08	21.04	42.71	133.55	57.21	16.69	14.27	
7	5.45	5.98	13.68	8.49	8.49	28.13	21.04	46.30	133.55	54.77	16.08	14.27	
8	5.98	5.98	16.69	8.49	8.00	25.44	21.04	52.34	259.97	51.09	16.08	13.08	
9	5.98	5.98	16.08	8.49	8.00	20.41	49.84	51.09	1360.32	47.44	29.04	13.08	
10	5.98	5.98	16.08	8.49	8.00	18.54	22.78	51.09	775.06	42.71	28.13	12.49	
11	5.98	5.98	16.08	9.05	9.05	16.08	36.42	52.34	637.44	39.24	27.23	11.91	
12	5.98	5.98	17.92	9.05	9.05	14.87	64.90	54.77	353.05	39.24	32.70	11.91	
13	5.98	5.98	21.91	10.75	9.05	16.08	66.38	58.39	209.71	38.30	35.48	7.46	
14	5.98	5.98	17.30	10.18	11.33	16.69	43.93	69.44	176.17	38.30	29.94	7.46	
15	5.98	5.98	16.69	9.61	9.05	15.47	36.42	66.38	303.49	37.36	29.94	6.98	
16	5.98	5.98	19.78	9.61	20.41	14.27	29.94	55.94	716.62	36.42	27.23	6.44	
17	5.98	5.98	17.30	18.54	17.30	13.68	29.94	45.07	1360.32	35.48	25.44	6.44	
18	5.98	5.98	16.08	17.30	15.47	12.49	26.33	45.07	4466.09	34.55	24.55	6.44	
19	5.98	6.98	14.87	14.27	12.49	13.68	22.78	48.68	1793.40	31.78	23.66	6.44	
20	5.98	7.46	13.68	14.87	10.18	14.87	27.23	39.24	685.72	23.66	22.78	9.05	
21	5.98	8.00	13.08	16.08	8.49	14.27	51.09	39.24	574.75	26.33	21.91	13.08	
22	5.98	8.00	13.08	14.27	8.00	19.16	42.71	37.36	272.57	21.04	21.04	14.27	
23	5.98	12.49	14.87	9.05	16.69	18.54	74.12	38.30	182.45	21.91	20.41	16.08	
24	5.98	10.75	14.27	9.05	16.08	18.54	34.55	1168.39	125.61	22.78	19.78	34.55	
25	5.98	9.61	14.27	9.05	16.08	17.92	34.55	423.81	115.75	17.30	19.16	31.78	
26	5.98	10.75	14.27	9.05	14.87	17.92	33.62	386.72	104.12	10.75	18.54	27.23	
27	6.44	31.78	14.27	9.05	14.27	16.08	38.30	347.91	94.61	10.75	17.92	23.66	
28	6.44	28.13	13.68	9.05	14.27	17.92	89.77	172.03	89.77	14.87	17.30	21.04	
29	7.46	26.33	13.68	9.05	16.08	23.66	43.93	155.64	69.44	17.92		20.41	
30	8.00	24.55	13.68	9.05	14.87	23.66	33.62	92.96	55.94	17.92		17.92	
31		23.66		9.05	13.68		31.78		53.51	17.30		16.69	
Total	181.70	316.13	469.35	331.86	361.87	498.68	1144.62	3866.69	17117.15	1202.43	633.73	466.66	26590.87 Tonday
Mean	6.06	10.20	15.64	10.71	11.67	16.62	36.92	128.89	552.17	38.79	22.63	15.05	Ton/day
Max	8.00	31.78	21.91	18.54	20.41	28.13	89.77	1168.39	4466.09	111.85	35.48	34.55	4466.09 Ton/day
Min	5.45	5.98	13.08	8.49	8.00	10.75	21.04	37.36	53.51	10.75	16.08	6.44	5.45 Ton/day

WATER YEAR : 2005

THALE SAP SONGKHLA

Upper Khlong Wat at Ban Hu Rae , Songkhla (X.240)

Lat 06 - 59 - 03 N Long 100 - 19 - 44 E

Location : on right bank at the bridge.

	Ban	Hu Rae	Amphoe	Hat Yai	Changwat	Songkhla
Drainage Area	127	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US D-59					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	24					
R-Square	0.9892					
Remarks	Continued Sediment Station					

QS = 5.0969 QW^{1.22530}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.73	4.06	4.97	3.18	2.34	3.35	8.10	12.65	29.15	49.08	14.14	12.65	
2	5.54	3.70	4.79	3.18	3.52	3.70	6.31	9.69	146.49	57.25	15.28	12.28	
3	5.54	3.70	4.79	3.01	3.01	3.35	11.26	18.79	101.08	81.97	14.14	11.92	
4	5.35	3.52	4.24	3.01	2.67	3.18	32.19	49.56	58.23	68.95	13.77	11.63	
5	6.90	3.70	4.06	2.67	2.50	3.88	7.50	24.07	49.56	51.46	14.14	11.63	
6	5.73	3.35	3.88	2.67	2.34	3.35	6.57	30.88	108.48	43.93	13.39	11.26	
7	5.35	3.52	3.70	3.35	2.02	3.70	5.98	18.39	146.49	39.33	13.39	10.62	
8	4.97	3.35	5.54	3.01	1.92	5.35	5.35	56.77	350.65	36.17	13.02	9.98	
9	5.16	4.97	4.79	2.67	1.92	4.42	5.16	27.44	2180.09	34.39	12.28	9.98	
10	5.73	7.23	6.31	2.67	1.92	3.70	4.97	34.39	440.27	32.63	18.39	9.98	
11	5.54	5.35	6.57	2.34	1.76	3.35	7.50	74.95	123.46	30.88	22.83	9.69	
12	5.16	5.16	5.35	2.84	1.66	3.18	8.10	31.75	65.14	30.44	25.74	11.63	
13	5.16	4.97	4.79	3.35	1.76	3.01	25.32	23.24	54.83	28.29	36.62	10.33	
14	4.97	4.79	5.16	8.10	3.35	3.18	31.75	54.34	485.33	26.16	48.14	9.69	
15	4.79	4.60	4.42	4.97	3.70	4.24	91.43	23.24	603.21	25.32	28.29	8.72	
16	4.79	4.60	4.06	4.06	19.19	3.70	46.26	20.39	6065.99	24.49	44.86	9.07	
17	4.97	5.73	4.97	4.42	5.98	3.18	9.69	13.02	1820.63	22.83	26.16	9.07	
18	3.88	5.35	4.42	5.54	4.79	3.70	40.70	10.62	2015.74	21.60	21.60	9.07	
19	3.52	5.73	4.60	4.79	4.24	5.35	46.26	9.98	735.62	21.20	19.19	8.72	
20	3.35	5.16	3.88	4.42	3.88	9.07	20.79	18.39	207.58	21.20	17.60	8.72	
21	3.35	4.97	3.70	4.60	3.70	5.73	27.01	40.70	124.24	19.99	16.05	9.69	
22	3.35	5.73	3.52	4.60	3.52	4.97	22.42	22.01	227.51	19.19	15.66	31.31	
23	3.35	5.35	3.35	4.24	3.35	4.79	84.37	21.60	686.85	18.39	14.90	25.32	
24	4.79	5.16	3.88	4.24	3.35	4.24	26.16	306.32	201.42	17.60	14.52	162.87	
25	4.06	4.79	3.88	3.52	4.06	3.88	26.59	1782.05	135.00	17.21	14.14	102.70	
26	5.35	4.79	3.88	3.18	3.70	3.88	17.60	101.94	105.97	16.82	13.77	38.43	
27	7.50	4.97	3.52	3.01	4.06	5.16	30.88	51.46	91.43	16.44	13.39	230.02	
28	5.73	4.79	3.35	2.67	3.88	9.07	207.58	58.23	56.28	16.05	13.02	48.14	
29	5.98	4.42	3.18	2.50	4.42	5.73	46.73	50.51	55.79	15.28		31.31	
30	4.42	5.98	3.18	2.34	3.52	5.35	23.24	39.79	49.56	14.90		25.32	
31		5.98		2.18	3.88		16.82		46.26	14.52		23.24	
Total	150.01	149.47	130.73	111.33	115.91	132.74	950.59	3037.16	17568.33	933.96	548.42	934.99	24763.64 Ton/day
Mean	5.00	4.82	4.36	3.59	3.74	4.42	30.66	101.24	566.72	30.13	19.59	30.16	Ton/day
Max	7.50	7.23	6.57	8.10	19.19	9.07	207.58	1782.05	6065.99	81.97	48.14	230.02	6065.99 Ton/day
Min	3.35	3.35	3.18	2.18	1.66	3.01	4.97	9.69	29.15	14.52	12.28	8.72	1.66 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlung Ta Kuaw Pa at Ban Hin Dan , Phangnga (X.187)

Lat 08 - 46 - 25 N Long 98 - 23 - 36 E

Location : on left bank at the bridge on Surat Thanu - Phang Nga Highway.

	Ban Hin Dan	Amphoe Ta Kuaw Pa	Changwat Phangnga
Drainage Area	546 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - 2008, 2010 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.9128		
Remarks	Continued Sediment Station		

QS = 1.8882 QW^{1.20480}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	27.37	12.50	214.42	203.29	248.42	112.08	362.23	170.51	134.06	44.99	24.53	23.13	
2	50.11	20.37	3380.81	156.66	175.90	103.49	362.23	170.51	134.06	60.61	25.94	20.37	
3	32.64	27.37	940.49	156.66	138.53	76.95	346.17	152.10	107.77	50.11	24.53	17.67	
4	19.01	27.37	370.31	170.51	354.19	79.74	298.76	161.26	90.82	55.32	24.53	17.67	
5	12.50	25.94	1011.21	1068.41	306.58	76.95	402.91	161.26	82.54	44.99	24.53	17.67	
6	11.25	24.53	1068.41	1155.18	330.24	74.18	283.23	152.10	107.77	47.54	24.53	17.67	
7	12.50	19.01	1314.38	754.91	254.17	71.43	231.32	143.03	99.23	50.11	23.13	16.35	
8	52.70	277.37	1730.67	690.83	242.69	76.95	277.37	197.76	82.54	47.54	23.13	15.05	
9	30.26	588.88	1572.39	322.32	220.03	71.43	290.98	138.53	79.74	42.47	20.37	15.05	
10	25.94	346.17	1448.38	220.03	271.54	68.70	259.93	120.79	90.82	39.97	21.74	15.05	
11	24.53	181.32	578.33	175.90	242.69	55.32	248.42	120.79	86.66	37.50	21.74	15.05	
12	21.74	515.73	330.24	214.42	236.99	39.97	378.41	125.19	82.54	35.06	20.37	15.05	
13	19.01	1097.21	271.54	181.32	236.99	30.26	271.54	125.19	95.01	37.50	20.37	15.05	
14	11.25	277.37	254.17	152.10	181.32	32.64	231.32	112.08	99.23	35.06	27.37	19.01	
15	10.03	161.26	214.42	156.66	156.66	39.97	192.25	116.42	99.23	32.64	25.94	23.13	
16	11.25	161.26	186.77	181.32	134.06	35.06	248.42	116.42	103.49	35.06	28.81	21.74	
17	21.74	165.87	225.66	147.55	138.53	214.42	208.84	314.43	95.01	37.50	32.64	16.35	
18	82.54	152.10	833.04	103.49	112.08	1516.20	165.87	156.66	90.82	32.64	30.26	17.67	
19	37.50	147.55	742.02	71.43	95.01	2358.39	156.66	248.42	82.54	35.06	24.53	17.67	
20	20.37	103.49	546.88	495.14	99.23	4437.24	277.37	197.76	68.70	32.64	24.53	24.53	
21	15.05	76.95	394.72	678.13	116.42	1651.21	236.99	138.53	63.29	32.64	27.37	30.26	
22	15.05	68.70	314.43	290.98	103.49	703.57	208.84	116.42	60.61	32.64	24.53	30.26	
23	11.25	76.95	265.73	225.66	76.95	427.66	197.76	90.82	55.32	30.26	24.53	30.26	
24	11.25	47.54	346.17	170.51	68.70	346.17	283.23	116.42	52.70	27.37	24.53	30.26	
25	11.25	39.97	435.97	143.03	79.74	427.66	411.13	138.53	55.32	32.64	23.13	25.94	
26	12.50	39.97	271.54	152.10	74.18	1169.76	298.76	231.32	107.77	32.64	21.74	50.11	
27	13.76	37.50	214.42	165.87	147.55	1552.79	283.23	181.32	103.49	27.37	20.37	35.06	
28	11.25	42.47	181.32	129.61	103.49	968.67	203.29	134.06	95.01	27.37	17.67	25.94	
29	15.05	42.47	161.26	120.79	86.66	665.47	175.90	138.53	76.95	25.94		42.47	
30	13.76	42.47	156.66	346.17	112.08	474.69	125.19	99.23	65.98	25.94		25.94	
31		165.87		435.97	129.61		192.25		52.70	25.94		23.13	
Total	664.41	5013.53	19976.76	9636.95	5274.72	17959.02	8110.80	4586.39	2701.72	1155.06	677.39	710.56	76467.33 Ton/day
Mean	22.15	161.73	665.89	310.87	170.15	598.63	261.64	152.88	87.15	37.26	24.19	22.92	Ton/day
Max	82.54	1097.21	3380.81	1155.18	354.19	4437.24	411.13	314.43	134.06	60.61	32.64	50.11	4437.24 Ton/day
Min	10.03	12.50	156.66	71.43	68.70	30.26	125.19	90.82	52.70	25.94	17.67	15.05	10.03 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Bang Yai at Satree Phuket School , Phuket (X.191)

Lat 07 - 53 - 20 N Long 98 - 23 - 40 E

Location : on left bank at Satree Phuket School.

	Ban -	Amphoe Mueang	Changwat Phuket
Drainage Area	54 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.7182		
Remarks	Continued Sediment Station		

$$QS = 9.7348 QW^{1.28240}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.63	2.53	8.02	5.82	6.73	6.73	7.43	18.36	19.95	3.20	10.74	2.53	
2	4.63	2.53	21.72	6.73	5.06	9.36	6.16	99.58	8.02	3.90	10.74	2.26	
3	4.63	3.50	9.36	6.73	4.21	5.06	8.75	47.82	6.73	3.90	12.30	2.53	
4	5.38	3.20	8.75	4.63	4.63	4.63	14.44	18.36	6.16	4.21	12.96	2.53	
5	5.82	3.20	10.11	5.06	3.90	5.06	6.73	11.52	5.82	4.63	12.30	4.63	
6	5.82	2.81	6.73	5.06	3.90	5.06	6.16	10.74	5.82	4.21	9.36	2.81	
7	5.38	3.90	8.75	4.63	5.06	4.63	6.73	10.74	5.82	4.63	3.90	2.26	
8	5.06	9.36	7.43	4.63	3.90	3.90	7.43	8.02	6.16	5.06	12.30	2.53	
9	5.06	10.74	6.73	4.21	3.50	4.21	6.73	8.02	6.16	4.63	2.26	2.26	
10	5.06	5.38	7.43	4.63	3.50	4.21	6.73	6.73	6.73	4.21	2.26	2.26	
11	5.06	5.06	6.73	4.21	3.90	3.90	5.82	6.16	6.73	4.21	2.26	2.53	
12	5.06	4.21	8.02	5.38	3.50	4.21	10.11	6.73	6.16	4.21	2.81	2.53	
13	5.06	14.44	5.82	4.63	3.90	4.63	6.16	8.75	6.73	3.90	45.01	1.90	
14	4.63	8.02	5.82	6.73	3.90	4.21	5.82	8.02	8.75	3.90	10.11	2.26	
15	5.38	5.06	6.73	27.54	4.21	4.21	10.74	10.11	6.16	4.21	2.81	2.26	
16	3.90	6.73	5.82	27.54	4.21	3.50	6.16	8.75	10.11	4.21	2.53	3.20	
17	5.06	5.06	11.52	6.73	4.21	19.08	6.73	9.36	5.82	3.90	2.81	2.53	
18	6.16	4.63	10.11	5.06	4.21	185.56	14.44	8.02	5.82	3.50	2.81	2.26	
19	3.90	4.63	9.36	4.63	3.90	24.14	6.16	7.43	5.82	3.90	2.81	1.90	
20	2.81	4.21	6.73	10.11	6.16	16.79	6.73	6.73	5.82	3.50	2.81	1.65	
21	2.53	4.21	5.38	5.06	4.21	10.74	6.16	6.16	5.06	3.90	2.81	2.26	
22	2.26	4.21	5.06	4.63	8.75	8.02	5.82	5.82	5.06	3.50	2.81	2.53	
23	2.53	3.50	4.21	5.06	17.50	6.73	8.75	5.38	4.63	3.50	2.53	2.81	
24	2.26	3.50	4.63	5.06	4.21	6.16	11.52	5.38	4.21	3.50	2.53	2.53	
25	2.53	5.06	5.82	5.06	12.30	18.36	9.36	5.82	4.21	3.50	2.81	2.26	
26	2.26	3.20	7.43	5.06	5.38	10.74	26.45	137.86	4.21	3.20	2.81	5.38	
27	3.50	3.20	5.82	4.63	6.73	7.43	8.02	31.20	5.38	2.81	2.81	10.74	
28	3.90	3.50	5.38	5.06	5.38	7.43	8.75	13.76	4.21	2.53	2.53	2.81	
29	3.90	4.21	5.06	5.06	4.63	6.16	8.02	9.36	3.90	2.81		2.53	
30	3.90	3.90	4.21	4.63	5.06	6.16	7.43	9.36	3.90	3.90		2.26	
31		50.68		4.21	6.16		45.01		3.50	3.90		1.90	
Total	128.06	198.37	224.69	208.21	166.80	411.01	301.45	550.05	193.56	119.07	187.53	87.63	2776.43 Tonday
Mean	4.27	6.40	7.49	6.72	5.38	13.70	9.72	18.33	6.24	3.84	6.70	2.83	Ton/day
Max	6.16	50.68	21.72	27.54	17.50	185.56	45.01	137.86	19.95	5.06	45.01	10.74	185.56 Ton/day
Min	2.26	2.53	4.21	4.21	3.50	3.50	5.82	5.38	3.50	2.53	2.26	1.65	1.65 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Kapong at Ban Tha Na , Phang Nga (X.196)

Lat 08 - 42 - 02 N Long 98 - 24 - 42 E

Location : on left bank at the bridge.

	Ban Tha Na	Amphoe Kapong	Changwat Phang Nga
Drainage Area	139 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.7954		
Remarks	Continued Sediment Station		

$$QS = 1.6530 QW^{1.27100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.40	8.12	36.77	36.77	55.18	37.87	77.69	55.18	34.54	17.50	8.12	6.82		
2	11.34	8.12	234.96	34.54	58.08	33.42	77.69	49.47	33.42	16.80	8.12	6.82		
3	7.68	8.12	106.98	32.31	63.97	31.24	62.47	47.10	33.42	16.80	8.12	6.40		
4	4.76	7.25	221.27	38.98	63.97	30.15	83.07	44.75	33.42	16.80	7.68	6.40		
5	3.99	7.25	245.53	88.93	49.47	31.24	76.11	41.26	36.77	15.44	7.68	6.40		
6	4.76	6.82	158.27	102.91	56.60	28.02	56.60	40.14	38.98	15.44	7.68	6.40		
7	5.57	8.57	207.75	85.01	49.47	26.98	55.18	37.87	33.42	14.76	7.68	6.40		
8	8.57	191.11	211.11	81.14	49.47	25.47	53.72	38.98	31.24	14.10	7.68	6.40		
9	5.57	100.88	136.11	66.97	73.04	22.50	49.47	40.14	26.98	14.10	7.68	6.40		
10	3.99	65.44	104.94	53.72	62.47	19.61	47.10	37.87	26.98	12.78	7.68	6.40		
11	3.99	71.53	66.97	49.47	49.47	19.61	47.10	40.14	26.22	12.30	7.68	6.40		
12	3.99	111.08	55.18	48.31	73.04	19.61	53.72	42.43	25.47	11.82	7.68	6.40		
13	5.57	249.08	37.87	45.90	55.18	19.61	44.75	42.43	25.47	11.34	7.68	6.40		
14	6.40	90.90	37.87	43.57	49.47	19.61	43.57	40.14	24.72	11.34	10.40	6.40		
15	8.57	37.87	37.87	42.43	48.31	19.61	44.75	37.87	24.72	10.87	9.47	9.47		
16	8.12	34.54	35.63	41.26	40.14	19.61	44.75	37.87	25.47	10.87	11.34	5.57		
17	16.12	37.87	58.08	40.14	36.77	58.08	43.57	73.04	22.50	10.40	10.40	6.82		
18	21.77	25.47	96.86	36.77	37.87	238.48	56.60	47.10	21.04	9.93	9.47	18.19		
19	10.87	23.97	94.86	31.24	36.77	249.08	65.44	47.10	19.61	9.47	8.57	18.90		
20	9.93	18.19	88.93	165.81	35.63	402.17	62.47	49.47	18.90	9.47	8.12	18.90		
21	9.02	15.44	71.53	181.28	36.77	124.12	49.47	44.75	18.90	9.02	7.25	24.72		
22	8.12	14.10	59.52	136.11	33.42	73.04	48.31	38.98	18.90	9.02	7.68	30.15		
23	8.12	12.30	53.72	56.60	31.24	217.87	48.31	36.77	18.19	9.02	7.68	26.22		
24	8.57	11.82	49.47	49.47	30.15	111.08	66.97	41.26	17.50	9.02	7.68	33.42		
25	7.68	10.87	65.44	44.75	29.10	358.76	104.94	40.14	18.19	10.40	7.25	31.24		
26	7.25	9.93	49.47	56.60	32.31	217.87	58.08	37.87	19.61	9.93	7.25	28.02		
27	6.82	9.02	44.75	43.57	36.77	256.20	48.31	33.42	22.50	9.93	6.82	26.98		
28	6.40	8.12	42.43	41.26	32.31	158.27	47.10	33.42	19.61	9.93	7.68	25.47		
29	6.40	6.82	41.26	36.77	33.42	111.08	42.43	33.42	18.90	9.02		23.97		
30	6.40	6.82	37.87	104.94	30.15	90.90	77.69	33.42	18.19	9.02		23.97		
31		59.52		65.44	41.26		66.97		17.50	8.12		23.97		
Total	232.74	1276.94	2789.27	1982.97	1411.27	3071.16	1804.40	1263.80	771.28	364.76	228.22	466.42	15663.23	Ton/day
Mean	7.76	41.19	92.98	63.97	45.52	102.37	58.21	42.13	24.88	11.77	8.15	15.05		Ton/day
Max	21.77	249.08	245.53	181.28	73.04	402.17	104.94	73.04	38.98	17.50	11.34	33.42	402.17	Ton/day
Min	3.99	6.82	35.63	31.24	29.10	19.61	42.43	33.42	17.50	8.12	6.82	5.57	3.99	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Had Sompan at Ban Hat Sompan, Ranong (X.204)

Lat 09 - 56 - 57 N Long 98 - 41 - 46 E

Location : on left bank at Ban Hat Sompan.

	Ban Had Sompan	Amphoe Mueang	Changwat Trang
Drainage Area	23 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - Cont' d		
Using Rating Curve Water Year	2003-2005		
Number of observation	54		
R-Square	0.7681		
Remarks	Continued Sediment Station		

$$QS = 14.9540 QW^{1.63850}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	362.62	127.57	9.74	4419.56	67.99	80.80	67.99	8.34	4.19	2.08	0.46	
2	0.00	303.54	74.29	18.01	1163.54	45.04	45.04	61.91	12.81	3.61	2.08	0.46	
3	0.00	342.47	67.99	19.89	1227.04	25.95	45.04	50.43	34.99	3.61	2.08	0.46	
4	0.00	159.48	170.72	80.80	1291.84	25.95	30.34	56.06	25.95	4.19	2.08	0.46	
5	0.00	137.90	592.93	266.46	557.37	25.95	39.89	50.43	18.01	4.19	2.08	0.46	
6	0.00	98.51	50.43	362.62	666.58	21.84	30.34	39.89	25.95	2.55	2.08	0.46	
7	0.00	117.56	810.94	322.78	666.58	21.84	34.99	98.51	19.89	3.06	2.08	0.29	
8	0.00	322.78	455.94	266.46	666.58	18.01	34.99	25.95	21.84	2.55	2.08	0.46	
9	0.00	61.91	488.86	198.10	629.33	16.20	25.95	19.89	19.89	2.55	1.44	0.29	
10	0.00	39.89	45.04	107.87	423.91	12.81	23.86	19.89	11.24	3.06	1.44	0.00	
11	0.00	23.86	9.74	80.80	170.72	9.74	21.84	25.95	14.47	3.06	1.44	0.00	
12	0.00	117.56	16.20	67.99	362.62	8.34	21.84	67.99	18.01	3.06	1.44	0.00	
13	0.00	25.95	8.34	34.99	3850.07	18.01	21.84	21.84	14.47	3.06	1.44	0.00	
14	0.00	19.89	8.34	30.34	423.91	89.49	19.89	19.89	9.74	3.06	1.44	0.05	
15	0.00	19.89	23.86	25.95	423.91	214.44	21.84	14.47	9.74	2.55	1.44	0.46	
16	0.00	23.86	11.24	25.95	284.76	170.72	56.06	9.74	8.34	2.55	45.04	0.46	
17	0.00	19.89	98.51	34.99	248.64	170.72	74.29	6.83	8.34	3.06	16.20	0.00	
18	0.00	23.86	34.99	34.99	231.29	522.68	107.87	8.34	6.83	2.55	5.45	0.00	
19	0.00	25.95	14.47	25.95	137.90	4775.78	80.80	19.89	6.83	2.55	4.80	0.00	
20	0.00	25.95	12.81	25.95	137.90	455.94	98.51	18.01	6.13	2.08	1.75	0.00	
21	0.00	25.95	11.24	127.57	137.90	137.90	61.91	12.81	5.45	2.08	1.44	1.44	
22	0.00	23.86	12.81	284.76	127.57	159.48	137.90	8.34	6.13	2.55	0.90	2.08	
23	0.00	21.84	56.06	342.47	127.57	107.87	74.29	9.74	6.13	2.55	0.90	3.06	
24	0.00	18.01	14.47	392.80	117.56	89.49	89.49	14.47	5.45	2.55	0.90	1.44	
25	0.00	18.01	14.47	342.47	67.99	89.49	74.29	14.47	5.45	2.08	1.75	0.90	
26	0.00	16.20	12.81	127.57	61.91	159.48	80.80	11.24	6.83	2.08	1.16	0.90	
27	0.00	16.20	11.24	107.87	56.06	455.94	45.04	8.34	8.34	2.08	0.90	1.16	
28	0.00	16.20	9.74	170.72	50.43	182.26	25.95	11.24	8.34	2.08	0.46	1.44	
29	0.00	16.20	6.83	2846.97	50.43	127.57	21.84	11.24	6.83	2.08		0.90	
30	0.00	16.20	6.83	4130.99	56.06	80.80	34.99	11.24	5.45	2.08		1.44	
31		117.56		2449.30	50.43		50.43		5.45	2.08		0.90	
Total	0.00	2579.55	3279.71	13364.12	18887.96	8307.72	1612.95	817.03	371.66	85.43	108.37	20.43	49434.93 Ton/day
Mean	0.00	83.21	109.32	431.10	609.29	276.92	52.03	27.23	11.99	2.76	3.87	0.66	Ton/day
Max	0.00	362.62	810.94	4130.99	4419.56	4775.78	137.90	98.51	34.99	4.19	45.04	3.06	4775.78 Ton/day
Min	0.00	16.20	6.83	9.74	50.43	8.34	19.89	6.83	5.45	2.08	0.46	0.00	0.00 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong La - Un at Ban La - Un Tai, Ranong (X.205)

Lat 10 - 06 - 33 N Long 98 - 45 - 46 E

Location : on left bank at Ban La - Un.

	Ban La - Un Tai	Amphoe La - Un	Changwat Ranong
Drainage Area	229 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2005 - Cont' d		
Actual Measurement	2005 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.8370		
Remarks	Continued Sediment Station		

$$QS = 2.4596 QW^{1.28640}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.39	1.39	5.24	16.35	747.80	37.37	107.06	165.00	41.06	109.19	48.67	48.67	
2	1.39	1.39	9.76	30.23	846.81	55.98	104.94	170.68	43.56	36.15	41.06	24.07	
3	1.39	1.39	37.37	17.17	437.85	74.00	134.61	86.30	1916.46	38.59	17.17	27.92	
4	1.39	52.83	109.19	57.57	387.77	115.64	142.76	46.10	247.11	19.70	46.10	46.10	
5	2.33	18.01	226.12	49.96	173.53	148.25	122.17	88.33	111.33	14.73	17.17	5.54	
6	1.97	44.83	100.73	129.23	195.45	107.06	153.79	90.37	117.81	14.73	16.35	6.78	
7	2.72	47.38	208.96	173.53	208.96	84.28	75.69	92.42	122.17	14.73	14.73	7.42	
8	17.17	88.33	740.36	134.61	65.67	100.73	55.98	92.42	100.73	14.73	14.73	6.47	
9	49.96	14.73	304.82	86.30	72.31	88.33	64.03	44.83	100.73	14.73	14.73	5.85	
10	54.40	27.92	148.25	68.97	68.97	14.73	52.83	12.37	100.73	10.11	14.73	4.94	
11	16.35	32.57	41.06	65.67	62.40	14.73	47.38	41.06	26.79	88.33	19.70	3.38	
12	22.30	26.79	44.83	51.26	62.40	14.73	46.10	31.39	24.07	30.23	19.70	1.97	
13	38.59	41.06	67.32	26.79	1210.81	8.74	46.10	21.43	19.70	11.60	19.70	1.39	
14	18.85	9.08	129.23	18.01	222.67	20.56	38.59	68.97	25.88	22.30	98.64	1.11	
15	0.59	6.15	23.18	15.53	60.78	26.79	109.19	134.61	24.97	33.75	36.15	0.88	
16	0.59	5.24	31.39	16.35	72.31	122.17	182.14	92.42	24.97	19.70	26.79	1.27	
17	0.59	3.79	46.10	19.70	80.82	122.17	226.12	57.57	55.98	15.53	24.07	0.73	
18	0.66	3.79	52.83	68.97	111.33	153.79	122.17	54.40	29.07	19.70	44.83	0.07	
19	1.03	6.47	46.10	54.40	75.69	1210.81	188.77	34.95	46.10	18.01	27.92	0.03	
20	2.85	4.94	48.67	96.56	126.56	944.18	182.14	39.82	43.56	18.01	23.18	0.21	
21	3.79	14.73	31.39	52.83	92.42	553.88	162.19	20.56	49.96	7.42	113.48	0.81	
22	4.94	37.37	77.39	205.56	72.31	79.10	523.84	16.35	29.07	10.85	111.33	0.88	
23	3.52	41.06	52.83	300.57	100.73	102.83	287.90	16.35	13.93	10.11	111.33	0.00	
24	19.70	47.38	77.39	258.83	19.70	42.31	67.32	16.35	13.93	10.11	3.11	0.00	
25	18.01	43.56	92.42	151.02	18.01	79.10	142.76	16.35	13.93	11.60	2.98	0.00	
26	33.75	48.67	48.67	102.83	18.01	70.64	107.06	16.35	13.93	13.93	3.52	0.00	
27	1.97	46.10	43.56	102.83	14.73	79.10	104.94	16.35	14.73	17.17	3.11	0.00	
28	1.50	18.85	42.31	104.94	15.53	84.28	54.40	21.43	14.73	18.85	29.07	0.96	
29	1.39	11.60	41.06	1180.33	18.85	68.97	129.23	31.39	13.93	27.92		3.38	
30	1.11	5.24	11.60	1453.95	20.56	46.10	134.61	86.30	55.98	42.31		0.88	
31		7.75		800.41	34.95		167.83		86.30	43.56		1.97	
Total	326.19	760.39	2940.13	5911.26	5716.69	4671.35	4084.64	1723.22	3543.20	778.38	964.05	203.68	31623.18 Tonday
Mean	10.87	24.53	98.00	190.69	184.41	155.71	131.76	57.44	114.30	25.11	34.43	6.57	Ton/day
Max	54.40	88.33	740.36	1453.95	1210.81	1210.81	523.84	170.68	1916.46	109.19	113.48	48.67	1916.46 Ton/day
Min	0.59	1.39	5.24	15.53	14.73	8.74	38.59	12.37	13.93	7.42	2.98	0.00	0.00 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Bang Rin at Ban Bang Rin, Ranong (X.206)

Lat 09 - 54 - 54 N Long 98 - 37 - 59 E

Location : on right bank at the bridge.

	Ban	Bang Rin	Amphoe	Mueang	Changwat	Ranong
Drainage Area	95	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.DH - 48					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	22					
R-Square	0.7724					
Remarks	Continued Sediment Station					

$$QS = 1.6913 QW^{1.87720}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	60.44	7.95	505.89	10.17	1562.39	79.19	136.22	366.81	949.21	41.78	29.43	32.14	
2	64.56	7.95	313.84	12.32	342.88	102.00	108.12	241.02	1212.55	41.78	29.43	32.14	
3	64.56	7.95	61.12	8.21	505.89	108.12	184.02	184.02	1537.79	41.78	32.14	32.14	
4	64.56	7.95	286.01	96.04	890.17	102.00	205.00	145.25	636.90	41.78	38.44	32.14	
5	64.56	7.95	676.01	259.38	579.30	84.64	173.92	136.22	349.75	41.78	38.44	32.14	
6	84.64	9.02	239.74	313.84	404.53	68.80	145.25	120.86	300.84	41.78	45.26	32.14	
7	64.56	10.17	947.98	342.88	579.30	68.80	127.47	102.00	127.47	38.44	41.78	32.14	
8	64.56	3909.39	579.30	259.38	1212.55	64.56	127.47	90.26	127.47	38.44	38.44	32.14	
9	60.44	1953.29	313.84	168.43	542.02	60.44	114.40	84.64	120.86	38.44	32.14	32.14	
10	60.44	890.17	259.38	96.04	437.14	60.44	102.00	79.19	96.04	38.44	32.14	32.14	
11	60.44	404.53	259.38	53.55	404.53	64.56	96.04	68.80	84.64	38.44	32.14	32.14	
12	60.44	286.01	33.66	28.00	404.53	64.56	102.00	96.04	84.64	38.44	35.22	32.14	
13	56.46	61.12	14.66	22.82	404.53	73.91	102.00	114.40	79.19	38.44	48.86	32.14	
14	56.46	19.92	19.92	22.82	342.88	120.86	127.47	205.00	79.19	38.44	60.44	32.14	
15	56.46	8.21	579.30	17.20	259.38	102.00	164.10	127.47	68.80	35.22	32.14	32.14	
16	108.12	10.17	69.16	12.32	259.38	136.22	194.38	2901.12	64.56	35.22	41.78	32.14	
17	205.00	17.20	542.02	17.20	168.43	441.41	154.54	3796.42	64.56	35.22	41.78	32.14	
18	205.00	6.45	137.21	10.17	53.55	227.04	154.54	3796.42	60.44	35.22	35.22	26.83	
19	205.00	19.92	61.12	10.17	4.89	4132.66	136.22	3687.31	60.44	35.22	32.14	26.83	
20	194.38	6.45	46.44	14.66	215.89	589.05	127.47	1256.80	60.44	35.22	32.14	26.83	
21	184.02	3.53	46.44	96.04	173.92	255.40	300.84	1212.55	60.44	35.22	35.22	29.43	
22	164.10	8.21	33.66	168.43	136.22	241.02	366.81	1173.09	60.44	32.14	38.44	29.43	
23	114.40	3.53	39.81	96.04	120.86	227.04	205.00	1173.09	48.86	32.14	45.26	26.83	
24	102.00	0.91	152.45	69.16	108.12	205.00	184.02	1212.55	48.86	32.14	56.46	26.83	
25	96.04	0.91	53.55	46.44	96.04	205.00	194.38	1212.55	45.26	35.22	56.46	26.83	
26	96.04	1.95	33.66	46.44	84.64	173.92	145.25	1173.09	48.86	35.22	73.91	26.83	
27	90.26	0.91	19.92	39.81	73.91	914.05	145.25	1173.09	64.56	32.14	73.91	26.83	
28	90.26	0.91	19.92	28.00	68.80	333.06	127.47	984.98	48.86	32.14	73.91	29.43	
29	164.10	0.43	17.20	890.17	73.91	523.34	120.86	984.98	45.26	32.14		29.43	
30	173.92	0.91	10.17	3724.29	114.40	194.38	108.12	949.21	41.78	32.14		26.83	
31		342.88		470.93	108.12		164.10		41.78	32.14		26.83	
Total	3136.22	8016.85	6372.76	7451.35	10733.10	10023.47	4844.73	28849.23	6720.74	1132.30	1203.07	932.40	89416.23 Tonday
Mean	104.54	258.61	212.43	240.37	346.23	334.12	156.28	961.64	216.80	36.53	42.97	30.08	Ton/day
Max	205.00	3909.39	947.98	3724.29	1562.39	4132.66	366.81	3796.42	1537.79	41.78	73.91	32.14	4132.66 Ton/day
Min	56.46	0.43	10.17	8.21	4.89	60.44	96.04	68.80	41.78	32.14	29.43	26.83	0.43 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Kra Buri at Ban Nam Chud, Ranong (X.207)

Lat 10 - 23 - 53 N Long 98 - 47 - 22 E

Location : on right bank at Ban Nam Chud.

	Ban Nam Chud	Amphoe Kra Buri	Changwat Ranong
Drainage Area	45 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 48		
Period of Available Records	2005 - Cont' d		
Actual Measurement	2005 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.7810		
Remarks	Continued Sediment Station		

$$QS = 2.9171 QW^{1.08050}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	1.65	4.07	4.07	41.68	6.34	15.39	11.05	6.50	3.30	1.74	1.47	
2	0.19	1.38	7.68	4.59	37.70	6.67	14.11	10.46	10.08	3.17	1.74	1.92	
3	0.14	1.20	7.17	3.94	27.48	6.17	20.25	9.11	11.22	3.17	1.74	1.83	
4	0.14	1.11	11.05	7.68	24.03	6.17	14.53	8.77	8.19	3.17	1.74	1.29	
5	0.14	0.94	6.00	14.11	20.47	5.51	12.62	8.40	7.17	3.04	1.74	1.11	
6	0.14	0.77	5.01	25.06	39.53	5.67	11.82	8.40	7.34	3.04	1.74	1.03	
7	0.14	1.47	20.25	18.37	26.10	7.34	13.68	7.17	6.84	2.92	1.74	0.94	
8	0.14	2.42	41.68	14.75	20.00	6.84	20.00	6.67	7.51	2.79	1.74	0.94	
9	0.14	3.81	49.42	13.26	17.43	8.57	13.89	6.50	6.34	2.79	1.74	0.94	
10	0.51	3.94	17.86	9.49	16.24	6.00	12.41	6.50	6.17	2.67	1.74	0.85	
11	2.67	3.81	10.08	8.40	13.68	5.51	11.43	6.50	6.00	2.67	1.74	0.85	
12	3.30	2.67	7.17	7.51	13.47	5.34	13.47	6.84	5.51	2.54	1.74	0.68	
13	1.56	2.20	5.67	7.01	16.93	7.17	15.39	6.17	5.01	2.42	1.74	0.85	
14	0.85	1.83	4.85	6.84	15.17	10.46	12.83	5.84	4.85	2.42	1.83	1.03	
15	0.60	1.65	6.17	6.67	11.99	10.46	18.58	5.51	4.85	2.29	2.11	1.20	
16	0.60	1.92	6.17	6.17	11.61	18.58	21.97	5.34	4.59	2.29	2.11	0.85	
17	1.47	1.56	7.34	7.01	11.05	15.82	14.11	5.34	4.33	2.29	1.92	0.68	
18	1.74	2.11	5.01	6.84	11.05	14.11	12.83	5.18	4.33	2.29	1.92	0.68	
19	0.94	2.11	5.01	6.84	8.94	27.48	10.46	10.67	4.33	2.29	1.92	0.68	
20	0.68	3.42	6.17	7.85	8.94	54.65	13.47	6.84	4.20	2.29	1.83	0.68	
21	0.51	2.01	4.59	13.68	8.40	23.51	31.15	6.17	4.20	2.29	1.83	0.68	
22	0.46	1.74	4.20	14.32	9.32	16.24	17.43	5.84	4.07	2.20	1.83	0.68	
23	0.46	1.65	4.85	17.18	9.11	14.11	19.31	5.18	3.94	2.20	1.83	0.68	
24	0.46	1.56	4.85	23.00	7.68	13.89	16.24	4.85	3.81	2.01	1.83	0.68	
25	1.20	2.29	8.02	14.32	7.17	11.99	17.18	5.84	3.68	1.92	1.74	0.68	
26	1.83	2.20	7.17	12.20	7.17	22.74	13.68	7.17	3.55	1.92	1.74	0.60	
27	1.03	1.38	5.67	11.82	6.67	15.82	11.99	8.02	3.42	1.92	1.65	0.60	
28	0.77	1.65	4.46	11.05	6.17	15.39	11.43	5.51	3.42	1.74	1.56	0.60	
29	0.94	1.56	4.20	14.53	5.18	13.47	10.84	5.51	3.42	1.83		0.60	
30	2.54	2.29	4.07	28.90	5.67	11.82	10.08	5.84	3.42	1.74		0.60	
31		7.01		29.46	5.34		11.05		3.30	1.74		0.60	
Total	26.53	67.31	285.91	376.92	471.37	393.84	463.62	207.19	165.59	75.36	50.27	27.50	2611.41 Tonday
Mean	0.88	2.17	9.53	12.16	15.21	13.13	14.96	6.91	5.34	2.43	1.80	0.89	Ton/day
Max	3.30	7.01	49.42	29.46	41.68	54.65	31.15	11.05	11.22	3.30	2.11	1.92	54.65 Ton/day
Min	0.14	0.77	4.07	3.94	5.18	5.34	10.08	4.85	3.30	1.74	1.56	0.60	0.14 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Kapoe at Ban Chieo Liang, Ranong (X.208)

Lat 09 - 34 - 20 N Long 98 - 40 - 05 E

Location : on right bank at Ban Chieo Liang

	Ban	Chieo Liang	Amphoe	Kapoe	Changwat	Ranong
Drainage Area	168	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.DH - 48					
Period of Available Records	2003 - Cont' d					
Actual Measurement	2003 - Cont' d					
Using Rating Curve Water Year	2003 - 2005					
Number of observation	60					
R-Square	0.8340					
Remarks	Continued Sediment Station					

$$QS = 2.1078 QW^{1.16770}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.12	5.29	25.69	19.09	139.11	16.42	34.96	28.71	21.72	17.08	8.20	5.01	
2	3.12	10.02	126.80	17.75	100.96	19.77	29.75	28.71	29.75	16.42	8.20	5.01	
3	2.86	7.01	29.75	12.52	84.19	16.42	38.11	26.68	54.67	15.76	7.01	5.01	
4	2.86	7.60	39.19	38.11	95.32	15.76	27.71	24.67	34.96	17.75	7.01	4.74	
5	2.86	5.57	84.19	185.76	118.68	15.76	27.71	20.76	60.61	15.76	7.01	4.46	
6	2.86	5.01	40.24	244.46	166.43	15.10	27.71	20.76	63.61	14.45	6.72	4.46	
7	2.86	5.01	80.52	171.23	97.20	15.10	24.67	19.77	44.48	14.45	6.43	4.46	
8	2.61	9.41	256.43	91.59	235.71	15.10	23.69	21.72	40.24	13.80	6.43	4.46	
9	2.61	19.77	385.25	43.08	84.19	14.45	29.75	19.77	35.99	13.80	6.14	4.46	
10	2.61	27.71	238.62	33.89	60.61	14.45	28.71	19.09	35.99	13.16	6.14	4.46	
11	2.61	15.10	134.99	27.71	54.67	14.45	24.67	18.42	31.81	12.52	5.57	4.19	
12	5.01	15.76	54.67	23.69	159.26	14.45	24.67	18.42	32.87	12.52	5.57	4.19	
13	4.74	18.42	24.67	23.69	272.44	14.45	19.77	17.75	32.87	11.89	5.57	3.65	
14	3.12	16.42	19.77	22.68	108.64	29.75	18.42	17.75	30.76	11.89	5.57	3.38	
15	3.12	11.89	20.76	20.76	84.19	37.07	29.75	17.75	26.68	12.52	5.57	3.38	
16	3.12	9.41	20.76	19.09	69.67	41.68	95.32	17.75	26.68	11.26	5.29	3.38	
17	3.65	8.20	19.09	16.42	54.67	118.68	63.61	17.75	25.69	10.64	5.29	3.38	
18	5.57	7.60	16.42	15.76	62.08	110.64	53.22	17.75	23.69	10.64	5.01	3.38	
19	4.19	6.43	15.76	11.89	40.24	665.57	47.40	18.42	21.72	10.64	5.01	3.38	
20	6.43	8.20	15.76	10.02	34.96	190.64	44.48	19.09	19.77	10.64	5.01	3.12	
21	3.38	9.41	15.76	38.11	34.96	91.59	57.63	17.75	19.77	10.02	5.01	4.46	
22	3.12	10.02	15.76	27.71	29.75	63.61	54.67	17.08	20.76	10.02	5.01	4.74	
23	2.86	7.60	15.10	19.09	28.71	54.67	53.22	15.76	19.77	10.02	5.01	4.46	
24	3.12	5.86	15.76	16.42	27.71	40.24	48.82	16.42	19.77	10.02	5.01	4.74	
25	3.12	8.20	15.76	10.64	24.67	87.88	40.24	25.69	19.77	13.16	5.01	4.74	
26	7.01	8.20	33.89	19.77	19.77	152.14	38.11	39.19	16.42	11.26	5.01	4.74	
27	5.01	5.57	22.68	18.42	19.77	63.61	35.99	29.75	20.76	10.02	5.01	5.86	
28	4.46	8.20	17.75	16.42	17.08	43.08	32.87	27.71	24.67	9.41	5.01	5.86	
29	4.19	6.43	18.42	29.75	16.42	47.40	29.75	24.67	19.77	9.41		5.29	
30	7.01	19.09	19.77	87.88	19.77	47.40	28.71	23.69	19.09	9.41		6.14	
31		15.10		147.42	19.77		26.68		17.75	9.41		5.86	
Total	113.21	323.51	1839.98	1480.82	2381.60	2087.33	1160.77	649.20	912.86	379.75	162.83	138.85	11630.71 Ton/day
Mean	3.77	10.44	61.33	47.77	76.83	69.58	37.44	21.64	29.45	12.25	5.82	4.48	Ton/day
Max	7.01	27.71	385.25	244.46	272.44	665.57	95.32	39.19	63.61	17.75	8.20	6.14	665.57 Ton/day
Min	2.61	5.01	15.10	10.02	16.42	14.45	18.42	15.76	16.42	9.41	5.01	3.12	2.61 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Lower Trang River at Ban Pa Mak , Trang (X.234)

Lat 07 - 35 - 21 N Long 99 - 34 - 39 E

Location : on left bank at Ban Pa Mak.

	Ban Pa Mak	Amphoe Mueang	Changwat Trang
Drainage Area	2,808 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D - 49		
Period of Available Records	2005 - Cont' d		
Actual Measurement	2005 - Cont' d		
Using Rating Curve Water Year	2005		
Number of observation	24		
R-Square	0.7316		
Remarks	Continued Sediment Station		

QS = 2.3948 QW^{1.15830}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	73.40	68.12	119.06	115.75	144.72	161.27	317.05	494.72	1535.36	1039.98	241.08	230.07		
2	66.80	60.29	163.09	115.75	210.62	164.97	324.74	509.87	1414.91	883.60	236.66	221.29		
3	26.63	62.88	164.97	112.46	292.30	180.25	350.65	459.03	1315.87	769.55	219.08	206.53		
4	37.49	69.43	214.72	124.04	247.76	190.30	430.15	476.66	1296.18	704.01	194.34	192.32		
5	48.81	134.08	202.46	129.05	212.67	190.30	497.77	566.37	1320.80	743.97	168.69	166.80		
6	68.12	148.37	230.07	144.72	204.49	192.32	459.03	528.03	1360.32	762.23	148.37	135.77		
7	86.39	163.09	311.91	135.77	212.67	232.25	366.60	456.13	1365.27	704.01	130.72	107.55		
8	130.72	155.71	266.00	142.92	176.25	270.75	374.72	385.59	1335.60	769.55	125.71	89.34		
9	142.92	125.71	208.57	141.08	176.25	204.49	621.47	396.50	1355.37	918.72	130.72	84.95		
10	112.46	135.77	238.89	141.08	166.80	172.41	751.27	444.56	1439.83	970.01	139.29	93.77		
11	130.72	110.82	430.15	139.29	150.22	135.77	743.97	424.40	1681.88	970.01	155.71	112.46		
12	86.39	119.06	503.81	125.71	135.77	107.55	647.63	353.29	2061.63	950.07	176.25	137.46		
13	125.71	107.55	361.20	112.46	112.46	98.27	592.21	353.29	2154.12	910.91	210.62	139.29		
14	80.53	89.34	208.57	112.46	96.75	125.71	534.30	494.72	2125.12	813.99	297.12	152.03		
15	69.43	76.16	166.80	119.06	93.77	129.05	447.45	624.73	2220.67	667.95	369.31	146.57		
16	59.00	69.43	142.92	148.37	95.28	161.27	518.94	637.80	2867.42	556.72	525.02	157.57		
17	44.24	62.88	135.77	176.25	107.55	168.69	740.33	588.98	2990.17	470.66	714.88	161.27		
18	44.24	62.88	134.08	204.49	124.04	206.53	791.58	566.37	3045.36	427.27	821.68	155.71		
19	45.35	84.95	192.32	324.74	144.72	261.25	743.97	459.03	2827.26	391.04	891.38	152.03		
20	55.15	105.92	241.08	374.72	157.57	372.01	791.58	467.75	2602.78	361.20	875.82	137.46		
21	72.08	130.72	245.51	500.76	163.09	506.81	864.21	543.89	2329.70	332.51	654.20	119.06		
22	80.53	135.77	247.76	675.14	161.27	450.34	906.97	547.10	2142.53	306.79	366.60	101.27		
23	90.80	139.29	247.76	685.95	157.57	299.54	953.96	476.66	2032.88	270.75	247.76	96.75		
24	114.11	146.57	216.92	543.89	146.57	196.37	982.31	543.89	1946.82	241.08	196.37	93.77		
25	119.06	150.22	223.46	418.67	155.71	144.72	994.63	953.96	1838.77	227.85	190.30	105.92		
26	114.11	144.72	223.46	319.59	114.11	172.41	1031.72	1222.85	1745.57	221.29	206.53	141.08		
27	120.72	130.72	232.25	247.76	105.92	306.79	1061.96	1390.06	1650.33	238.89	210.62	176.25		
28	99.75	107.55	176.25	190.30	109.18	299.54	1023.46	1514.91	1561.36	243.27	227.85	204.49		
29	93.77	101.27	148.37	159.39	132.40	275.52	871.97	1608.39	1484.82	243.27		243.27		
30	79.06	93.77	130.72	144.72	132.40	277.91	644.36	1613.66	1385.10	245.51		227.85		
31		104.29		130.72	141.08		506.81		1222.85	254.41		221.29		
Total	2518.49	3397.33	6728.90	7157.06	4781.96	6655.36	20887.77	20103.19	57656.66	17611.07	9072.68	4711.24	161281.72	Ton/day
Mean	83.95	109.59	224.30	230.87	154.26	221.85	673.80	670.11	1859.89	568.10	324.02	151.98		Ton/day
Max	142.92	163.09	503.81	685.95	292.30	506.81	1061.96	1613.66	3045.36	1039.98	891.38	243.27	3045.36	Ton/day
Min	26.63	60.29	119.06	112.46	93.77	98.27	317.05	353.29	1222.85	221.29	125.71	84.95	26.63	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlung Lam Phikul at Ban Pak Khlung , Trang (X.235)

Lat 07 - 24 - 37 N Long 99 - 46 - 00 E

Location : on right bank at Ban Pak Khlung.

	Ban	Pak Khlung	Amphoe	Yan Ta Khaow	Changwat	Trang
Drainage Area	116	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D - 49					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	27					
R-Square	0.9085					
Remarks	Continued Sediment Station					

$$QS = 2.7060 QW^{1.22720}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual		
1	5.19	3.32	40.12	25.90	66.89	79.73	56.23	72.34	114.82	114.82	35.25	26.66			
2	5.19	3.32	30.51	25.14	61.52	72.34	66.89	69.61	149.59	112.83	38.49	22.17			
3	4.89	3.32	25.90	23.65	51.04	64.19	69.61	72.34	196.89	118.82	33.66	21.43			
4	4.89	3.32	33.66	22.17	42.60	61.52	71.00	76.64	181.58	124.87	32.08	21.43			
5	4.63	3.04	47.63	25.90	38.49	57.58	87.57	76.64	130.97	98.75	32.08	21.43			
6	4.09	27.42	41.77	25.14	35.25	52.36	75.10	69.61	118.82	92.33	32.08	21.43			
7	3.80	31.29	39.30	27.42	33.66	56.23	69.61	62.82	160.13	89.15	30.51	20.71			
8	3.56	16.58	37.67	23.65	32.08	47.63	102.00	57.58	216.90	89.15	28.96	20.71			
9	3.56	25.90	36.86	21.43	31.29	44.26	212.43	48.48	388.15	82.85	28.96	20.71			
10	3.32	18.55	78.18	19.98	30.51	41.77	149.59	68.28	388.15	103.62	45.94	20.71			
11	3.32	14.29	45.94	19.26	28.96	39.30	158.01	139.19	253.71	97.14	52.36	20.71			
12	3.04	18.55	39.30	19.98	27.42	37.67	168.65	137.12	207.97	79.73	45.94	19.98			
13	3.04	25.90	35.25	28.96	26.66	36.06	141.26	139.19	192.50	71.00	98.75	19.98			
14	2.81	18.55	31.29	43.43	28.19	36.06	114.82	110.84	205.74	65.51	73.75	19.26			
15	2.81	15.98	28.96	33.66	25.90	34.46	102.00	145.41	714.09	61.52	82.85	19.26			
16	2.54	25.90	39.30	43.43	25.14	33.66	126.89	98.75	2033.67	58.87	64.19	20.71			
17	3.80	24.39	66.89	40.12	25.14	37.67	124.87	85.99	1628.22	54.96	45.94	19.98			
18	3.32	17.14	62.82	58.87	24.39	64.19	116.81	78.18	1398.99	53.62	40.94	19.98			
19	3.04	14.83	71.00	48.48	25.90	87.57	137.12	108.86	789.37	52.36	37.67	19.98			
20	3.04	15.42	89.15	72.34	38.49	106.89	105.26	188.12	411.60	51.04	36.86	19.98			
21	3.04	13.17	65.51	81.29	58.87	72.34	100.37	143.33	308.61	49.73	32.08	22.17			
22	2.81	10.42	49.73	57.58	36.06	62.82	133.01	105.26	673.29	47.63	30.51	24.39			
23	2.81	9.36	44.26	49.73	35.25	52.36	179.42	108.86	532.41	45.94	28.19	22.17			
24	2.54	9.36	40.94	45.10	40.12	46.78	192.50	669.60	311.40	44.26	28.19	30.51			
25	2.54	11.50	41.77	40.12	78.18	52.36	133.01	448.94	248.33	42.60	24.39	30.51			
26	2.54	9.87	37.67	36.86	133.01	75.10	118.82	256.41	210.19	40.94	19.98	44.26			
27	2.54	8.82	34.46	34.46	114.82	58.87	108.86	199.10	199.10	40.94	27.42	44.26			
28	3.04	8.82	31.29	32.87	118.82	56.23	98.75	170.79	183.76	40.12	26.66	31.29			
29	3.80	8.33	28.96	31.29	92.33	49.73	89.15	151.69	158.01	39.30		29.73			
30	3.32	32.08	27.42	28.96	93.93	54.96	82.85	128.93	141.26	39.30		25.14			
31		85.99		46.78	84.42		76.64		128.93	36.86		32.87			
Total	102.86	534.73	1323.51	1133.95	1585.33	1672.69	3569.10	4288.90	1	2977.15	2140.56	1134.68	754.51	31217.97	Ton/day
Mean	3.43	17.25	44.12	36.58	51.14	55.76	115.13	142.96	418.62	69.05	40.52	24.34			Ton/day
Max	5.19	85.99	89.15	81.29	133.01	106.89	212.43	669.60	2033.67	124.87	98.75	44.26		2033.67	Ton/day
Min	2.54	3.04	25.90	19.26	24.39	33.66	56.23	48.48	114.82	36.86	19.98	19.26		2.54	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Lower Khlong Palian at Ban Yan Ta Khaow , Trang (X.236)

Lat 07 - 22 - 20 N Long 99 - 40 - 39 E

Location : on right bank at Ban Yan Ta Khaow.

	Ban	Yan Ta Khaow	Amphoe	Yan Ta Khaow	Changwat	Trang
Drainage Area	587	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	U.S.D - 49					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	27					
R-Square	0.9155					
Remarks	Continued Sediment Station					

$$QS = 2.2159 QW^{1.20780}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	15.48	16.61	65.47	50.00	66.67	186.17	133.69	135.32	286.43	308.19	72.72	50.92		
2	15.48	14.37	65.47	50.92	78.87	186.17	175.33	151.77	286.43	292.61	75.17	59.53		
3	15.48	17.75	91.40	49.09	64.27	193.08	252.80	181.60	362.12	280.26	81.35	60.71		
4	15.48	23.04	71.50	51.84	75.17	159.56	200.03	173.35	458.68	283.34	77.63	50.92		
5	15.48	29.17	73.94	61.89	47.27	145.98	244.67	171.37	404.33	269.22	76.40	45.46		
6	15.48	34.25	73.94	67.87	70.29	133.69	197.71	171.37	317.59	247.37	72.72	41.00		
7	15.48	48.18	69.08	63.08	64.27	114.44	173.35	144.06	295.72	190.77	69.08	41.89		
8	15.48	50.00	87.60	59.53	46.36	108.14	202.35	112.86	358.91	171.37	57.41	36.84		
9	15.48	58.35	82.59	56.47	33.61	100.35	663.38	101.64	610.58	171.37	53.68	34.89		
10	15.48	72.72	171.37	54.61	32.33	86.35	642.74	96.50	840.53	163.48	51.84	34.89		
11	15.48	75.17	114.44	55.54	38.14	69.08	556.13	95.22	793.92	173.35	78.87	34.89		
12	15.48	55.54	87.60	55.54	40.12	54.61	533.36	298.83	649.14	155.66	101.64	34.89		
13	15.48	60.71	66.67	47.27	51.84	50.92	466.06	556.13	583.24	151.77	111.28	34.89		
14	15.48	40.12	54.61	66.67	54.61	59.53	447.65	518.27	565.14	133.69	138.58	35.54		
15	15.48	32.97	49.09	54.61	47.27	65.47	371.79	540.93	683.06	116.02	132.07	35.54		
16	15.48	29.80	50.00	60.71	44.56	70.29	330.21	397.79	2096.24	125.61	100.35	46.36		
17	6.06	31.69	109.71	67.87	50.00	87.60	349.30	283.34	3438.76	122.40	102.94	51.84		
18	6.06	31.69	99.06	104.23	55.54	140.22	317.59	225.85	3007.85	120.80	97.78	51.84		
19	27.31	32.97	101.64	88.87	69.08	177.32	384.75	207.02	2956.54	116.02	80.10	53.68		
20	5.74	47.27	99.06	99.06	69.08	280.26	298.83	378.26	1971.60	114.44	72.72	35.54		
21	3.04	54.61	104.23	157.61	108.14	211.70	236.57	404.33	1255.83	112.86	59.53	36.84		
22	5.74	59.53	120.80	147.91	78.87	177.32	231.20	250.09	995.62	100.35	54.61	37.49		
23	4.81	57.41	128.83	144.06	73.94	144.06	355.70	197.71	1822.80	101.64	52.76	45.46		
24	5.74	69.08	122.40	135.32	72.72	106.83	258.26	666.96	1198.70	101.64	52.76	50.92		
25	5.74	81.35	124.00	175.33	67.87	95.22	280.26	1537.68	777.39	86.35	50.92	56.47		
26	5.74	82.59	106.83	112.86	349.30	138.58	225.85	1136.16	672.32	73.94	50.92	63.08		
27	6.06	49.09	92.67	119.20	311.32	124.00	197.71	702.48	548.52	73.94	50.92	67.87		
28	31.06	35.54	73.94	114.44	394.52	106.83	173.35	529.58	601.44	70.29	51.84	76.40		
29	15.11	38.14	56.47	124.00	225.85	96.50	163.48	394.52	443.99	71.50		78.87		
30	17.18	50.92	53.68	88.87	175.33	108.14	153.71	336.55	375.02	71.50		90.13		
31		61.89		73.94	177.32		149.84		355.70	80.10		100.35		
Total	393.07	1442.52	2668.09	2659.21	3134.53	3778.41	9367.65	11097.54	3	14.14	4651.85	2128.59	1575.94	72911.54 Tonday
Mean	13.10	46.53	88.94	85.78	101.11	125.95	302.18	369.92	968.20	150.06	76.02	50.84		Ton/day
Max	31.06	82.59	171.37	175.33	394.52	280.26	663.38	1537.68	3438.76	308.19	138.58	100.35	3438.76	Ton/day
Min	3.04	14.37	49.09	47.27	32.33	50.92	133.69	95.22	286.43	70.29	50.92	34.89	3.04	Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlung Ton at Ban Ton , Satun (X.237)

Lat 06 - 51 - 20 N Long 100 - 09 - 13 E

Location : on right bank at Ban Ton.

	Ban Ton	Amphoe	Khuan Kalong	Changwat	Satun
Drainage Area	89 sq.km.				
Method of sampling	Depth Integrating				
Instrument Used	US.D - 49				
Period of Available Records	2005 - Cont' d				
Actual Measurement	2005 - Cont' d				
Using Rating Curve Water Year	2005				
Number of observation	24				
R-Square	0.8196				
Remarks	Continued Sediment Station				

$$QS = 3.4388 QW^{1.30620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.18	1.50	2.70	2.36	2.70	3.67	7.84	9.92	16.88	31.35	12.89	7.14	
2	3.99	2.36	2.70	2.70	2.70	3.35	21.93	8.50	34.32	32.33	12.89	6.46	
3	2.36	3.67	2.36	2.36	2.36	3.00	45.65	67.79	28.44	33.32	11.38	7.14	
4	2.70	1.21	2.36	2.70	2.36	12.16	27.49	36.34	21.03	31.35	9.92	6.46	
5	3.35	0.71	3.00	2.70	2.04	6.46	12.89	23.75	57.85	27.49	9.92	6.46	
6	1.76	1.50	2.36	3.35	1.76	4.36	9.18	17.66	28.44	26.54	10.61	7.14	
7	1.21	1.50	5.84	3.35	2.04	16.88	8.50	13.63	38.38	24.67	10.61	7.14	
8	1.50	3.00	5.44	2.36	2.70	9.18	7.84	21.93	117.38	25.60	10.61	7.14	
9	1.76	16.88	4.36	2.36	2.04	4.70	8.50	13.63	174.36	25.60	11.38	11.38	
10	2.04	3.99	24.67	1.76	1.76	3.67	23.75	12.16	63.48	24.67	13.63	12.16	
11	0.94	3.67	16.03	1.76	1.76	3.35	18.46	17.66	40.45	22.83	14.44	8.50	
12	1.50	2.70	8.50	2.04	2.36	3.35	41.73	131.97	32.33	21.93	14.44	9.18	
13	1.21	2.36	5.09	2.36	6.46	3.00	21.03	40.45	31.35	21.03	16.03	9.92	
14	1.21	2.70	4.36	3.35	4.70	5.84	19.33	26.54	79.58	21.03	16.88	9.18	
15	1.21	3.67	3.35	4.70	11.38	3.67	16.88	26.54	73.63	20.14	16.03	4.36	
16	2.36	8.50	3.99	5.44	9.18	2.70	12.16	27.49	452.78	19.33	14.44	7.14	
17	2.70	10.61	5.09	4.70	3.67	9.18	9.18	19.33	423.12	18.46	14.44	7.14	
18	1.76	5.84	7.84	3.67	3.35	13.63	9.92	16.88	293.82	18.46	13.63	8.50	
19	0.94	5.09	4.70	3.00	2.70	67.79	10.61	16.88	137.80	16.88	10.61	9.92	
20	1.21	3.35	3.99	3.99	2.70	13.63	9.18	15.20	93.35	17.66	9.92	9.18	
21	1.21	2.70	3.35	4.36	2.36	7.14	9.18	12.89	72.16	17.66	9.18	9.92	
22	1.50	2.70	3.00	3.35	1.76	5.84	66.35	11.38	159.85	15.20	9.18	12.16	
23	0.71	2.36	2.70	4.36	2.04	4.70	27.49	63.48	85.63	12.89	8.50	12.89	
24	1.50	2.36	3.67	3.00	2.36	4.70	21.03	110.24	64.91	12.89	8.50	293.82	
25	2.04	2.70	6.46	2.36	6.46	8.50	13.63	35.32	55.08	12.89	8.50	76.59	
26	4.36	1.76	4.36	2.36	7.84	7.14	12.16	26.54	49.64	12.16	8.50	75.10	
27	3.99	2.04	3.35	1.76	3.99	32.33	12.16	43.03	48.30	12.16	7.84	88.70	
28	5.09	1.76	3.00	1.76	2.70	12.16	19.33	35.32	43.03	12.16	7.14	75.10	
29	4.70	1.76	2.36	2.36	4.36	7.84	10.61	23.75	38.38	12.89		78.08	
30	3.00	7.14	2.70	2.36	5.09	7.14	9.18	17.66	36.34	13.63		98.05	
31		7.14		2.36	3.67		12.16		28.44	12.89		75.10	
Total	72.99	119.23	153.68	91.40	113.35	291.06	555.33	943.86	2920.53	628.09	322.04	1057.15	7268.71 Ton/day
Mean	2.43	3.85	5.12	2.95	3.66	9.70	17.91	31.46	94.21	20.26	11.50	34.10	Ton/day
Max	9.18	16.88	24.67	5.44	11.38	67.79	66.35	131.97	452.78	33.32	16.88	293.82	452.78 Ton/day
Min	0.71	0.71	2.36	1.76	1.76	2.70	7.84	8.50	16.88	12.16	7.14	4.36	0.71 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Cheang at Ban Khlong Hak , Satun (X.238)

Lat 06 - 48 - 19 N Long 100 - 07 - 50 E

Location : on left bank at Ban Khlong Hak.

	Ban	Khlong Hak	Amphoe	Khuan Don	Changwat	Satun
Drainage Area	77	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D - 49					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	24					
R-Square	0.8904					
Remarks	Continued Sediment Station					

QS = 2.3223 QW^{1.32760}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.69	0.47	3.22	0.97	0.62	6.38	19.83	5.44	21.58	12.72	3.70	2.26	
2	3.70	0.37	3.22	0.97	0.80	4.70	31.81	5.14	27.64	11.70	3.80	1.59	
3	7.34	0.41	2.42	0.88	1.73	2.99	74.12	10.43	42.43	11.42	3.46	1.31	
4	2.32	0.37	1.87	0.80	2.42	2.42	155.42	22.00	41.04	10.43	3.12	1.26	
5	3.22	0.37	1.81	0.80	2.26	2.11	226.50	10.21	64.85	9.50	2.86	1.10	
6	1.81	0.41	3.36	0.93	1.73	1.73	105.61	13.43	45.93	8.51	2.76	1.05	
7	1.39	0.37	3.22	0.97	1.31	1.96	63.25	12.72	34.06	8.05	2.64	1.05	
8	1.96	0.53	4.84	0.93	1.18	2.32	30.69	9.98	47.35	7.51	2.54	1.05	
9	14.48	0.53	3.70	0.80	1.18	1.67	20.20	10.70	109.10	7.34	2.42	1.45	
10	4.19	1.26	14.15	0.62	1.05	1.31	14.15	13.10	52.41	7.18	3.36	1.45	
11	3.36	1.96	26.68	0.58	0.80	1.10	13.43	8.77	27.64	6.86	2.86	1.45	
12	1.59	1.73	6.54	0.62	0.73	0.97	14.15	48.79	19.41	6.69	3.12	1.45	
13	1.45	1.59	4.19	0.69	1.18	0.93	35.74	120.32	16.00	6.22	5.29	1.45	
14	0.93	1.59	3.12	0.73	1.67	1.26	22.49	41.73	16.35	5.75	3.70	1.45	
15	0.93	1.87	2.64	1.31	0.93	1.81	14.48	25.73	19.41	5.44	6.22	1.45	
16	0.93	1.50	2.42	1.73	0.93	1.18	13.10	35.20	223.07	4.84	4.70	0.97	
17	0.80	27.64	2.76	1.26	0.80	2.64	9.98	44.52	297.38	4.84	3.60	0.93	
18	0.80	28.61	2.76	1.18	0.69	18.64	7.34	23.41	274.33	4.84	2.64	0.88	
19	0.80	7.51	2.02	2.26	0.58	72.25	11.70	16.75	164.62	4.44	2.42	0.80	
20	0.73	4.30	2.17	2.42	0.53	35.74	8.51	14.15	107.91	4.30	2.54	0.80	
21	0.73	2.76	2.42	2.17	0.53	14.48	8.05	11.20	70.59	4.05	2.32	1.31	
22	0.58	16.75	2.02	2.02	0.53	7.34	11.70	8.77	63.25	4.05	2.26	6.22	
23	0.58	10.92	1.59	2.99	0.53	5.14	19.41	13.43	73.18	3.94	2.26	10.92	
24	0.58	5.60	1.59	3.36	0.47	4.05	9.50	93.15	45.23	4.05	2.17	78.65	
25	0.58	6.06	1.81	1.96	18.28	4.84	9.24	34.06	27.19	4.05	2.11	21.10	
26	0.58	2.99	1.59	1.50	19.05	9.24	7.18	25.23	23.41	3.94	2.02	35.20	
27	0.58	2.64	1.31	1.18	5.14	32.93	6.69	22.49	19.41	3.70	1.96	23.41	
28	0.62	2.26	1.26	1.05	3.22	15.21	10.21	18.64	20.67	3.60	1.81	8.05	
29	0.62	2.02	1.26	0.88	3.70	9.24	7.34	15.21	14.87	3.46		10.43	
30	0.58	5.29	1.18	0.73	14.87	11.42	5.60	13.43	9.98	3.36		16.75	
31		4.70		0.69	12.49		5.60		7.34	3.12		12.49	
Total	65.45	145.38	113.14	39.98	101.93	278.00	993.02	748.13	2027.63	189.90	84.66	249.73	5036.95 Tonday
Mean	2.18	4.69	3.77	1.29	3.29	9.27	32.03	24.94	65.41	6.13	3.02	8.06	Ton/day
Max	14.48	28.61	26.68	3.36	19.05	72.25	226.50	120.32	297.38	12.72	6.22	78.65	297.38 Ton/day
Min	0.58	0.37	1.18	0.58	0.47	0.93	5.60	5.14	7.34	3.12	1.81	0.80	0.37 Ton/day

WATER YEAR : 2005

SOUTHERN PENINSULA WEST COAST

Khlong Duson at Ban Cha Lung Nua , Satun (X.239)

Lat 06 - 43 - 38 N Long 100 - 03 - 50 E

Location : on right bank at Ban Cha Lung Nua.

	Ban	Cha Lung Nua	Amphoe	Mueang	Changwat	Satun
Drainage Area	267	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D - 49					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005					
Number of observation	24					
R-Square	0.9025					
Remarks	Continued Sediment Station					

QS = 2.7091 QW^{1.19780}

Suspended Sediment , in Tons per Day. Water Year 1 April 2005 to 31 March 2006

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.32	1.04	14.47	4.94	2.90	15.76	59.25	28.54	59.25	57.63	10.71	6.03	
2	10.10	1.53	9.50	4.40	3.07	11.32	84.31	26.25	77.37	56.08	11.94	4.02	
3	9.50	1.86	8.31	4.23	3.64	7.73	125.88	34.37	125.88	56.08	10.71	3.64	
4	6.03	2.71	6.03	4.02	6.03	6.03	210.86	176.39	109.67	52.93	9.50	4.94	
5	7.73	2.39	4.40	3.64	4.94	11.94	304.81	113.68	111.64	46.69	8.90	5.48	
6	3.44	1.53	5.48	3.64	4.02	9.50	202.23	72.21	229.31	42.16	8.31	4.94	
7	2.04	1.53	7.73	3.27	3.44	7.73	105.67	49.77	127.90	40.68	7.73	4.94	
8	1.53	1.68	14.47	3.27	3.07	24.00	72.21	40.68	142.44	39.16	7.16	4.40	
9	3.27	4.94	13.83	3.27	2.90	13.83	51.35	46.69	277.00	36.75	7.73	4.23	
10	6.59	19.61	27.39	3.07	2.71	8.31	39.16	56.08	279.44	36.75	10.10	3.44	
11	4.02	13.83	65.68	2.55	2.20	5.48	68.93	43.64	153.24	33.19	13.19	3.27	
12	3.27	12.57	48.25	2.90	2.20	4.02	70.54	57.63	89.55	32.02	11.94	3.07	
13	3.07	6.59	29.69	2.90	2.04	3.44	183.59	291.77	72.21	29.69	24.00	3.07	
14	2.55	6.59	15.11	3.27	4.40	3.64	109.67	183.59	75.68	27.39	22.89	3.64	
15	1.53	6.03	9.50	3.81	4.23	4.40	77.37	113.68	107.64	27.39	21.79	4.02	
16	1.04	7.73	8.90	12.57	8.90	4.02	56.08	170.52	244.86	27.39	25.12	3.44	
17	1.53	13.83	11.32	13.19	5.48	4.02	43.64	127.90	380.85	24.00	18.53	2.20	
18	1.35	39.16	11.32	9.50	3.64	49.77	33.19	84.31	385.85	24.00	15.11	1.86	
19	0.90	35.56	9.50	6.59	3.07	171.36	35.56	60.82	365.92	22.89	12.57	1.86	
20	0.80	16.42	7.73	7.16	2.90	144.57	30.85	52.93	290.36	22.89	11.94	1.86	
21	0.59	10.71	10.10	8.90	2.71	65.68	30.85	46.69	198.40	22.89	9.50	1.86	
22	0.80	13.19	10.71	11.32	2.39	34.37	32.02	36.75	173.03	21.79	10.10	10.10	
23	0.59	24.00	8.31	13.19	2.20	20.69	129.99	37.96	242.54	17.47	9.50	18.53	
24	0.49	13.19	6.59	14.47	2.04	13.83	64.03	229.31	176.39	16.42	9.50	121.79	
25	0.80	14.47	20.69	10.71	3.27	13.83	51.35	194.58	119.72	15.76	8.31	206.07	
26	2.04	10.10	17.47	7.16	28.54	36.75	36.75	107.64	100.23	14.47	7.16	107.64	
27	3.07	6.59	11.32	4.23	15.76	80.83	33.19	82.60	93.08	13.83	7.16	179.95	
28	3.07	4.94	8.90	3.64	8.90	82.60	42.16	91.34	89.55	13.19	7.16	70.54	
29	15.76	4.02	6.59	3.44	6.59	64.03	36.75	82.60	79.13	11.94		46.69	
30	3.64	4.23	5.48	3.07	13.83	49.77	28.54	60.82	70.54	11.94		119.72	
31		26.25		2.90	22.89		25.12		68.93	11.32		103.89	
Total	112.46	328.82	434.77	185.22	184.90	973.25	2475.90	2801.74	5117.60	906.78	338.26	1061.13	14920.83 Tonday
Mean	3.75	10.61	14.49	5.97	5.96	32.44	79.87	93.39	165.08	29.25	12.08	34.23	Ton/day
Max	15.76	39.16	65.68	14.47	28.54	171.36	304.81	291.77	385.85	57.63	25.12	206.07	385.85 Ton/day
Min	0.49	1.04	4.40	2.55	2.04	3.44	25.12	26.25	59.25	11.32	7.16	1.86	0.49 Ton/day