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128	X.158	Khlong Tha Taphao at Ban Wang Khrok, Chumphon	853
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131	X.248	Khlong Rap Ro at Ban Hat Nai , Chumphon	856

TAPI RIVER BASIN

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THALE SAP SONGKHLA BASIN

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HYDROLOGICAL YEAR BOOK PUBLICATION

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

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.

XXIII

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.

XXIV

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
49	2006	362	February 2009
50	2007	361	May 2010

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.

XXVII

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.

XXVIII

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

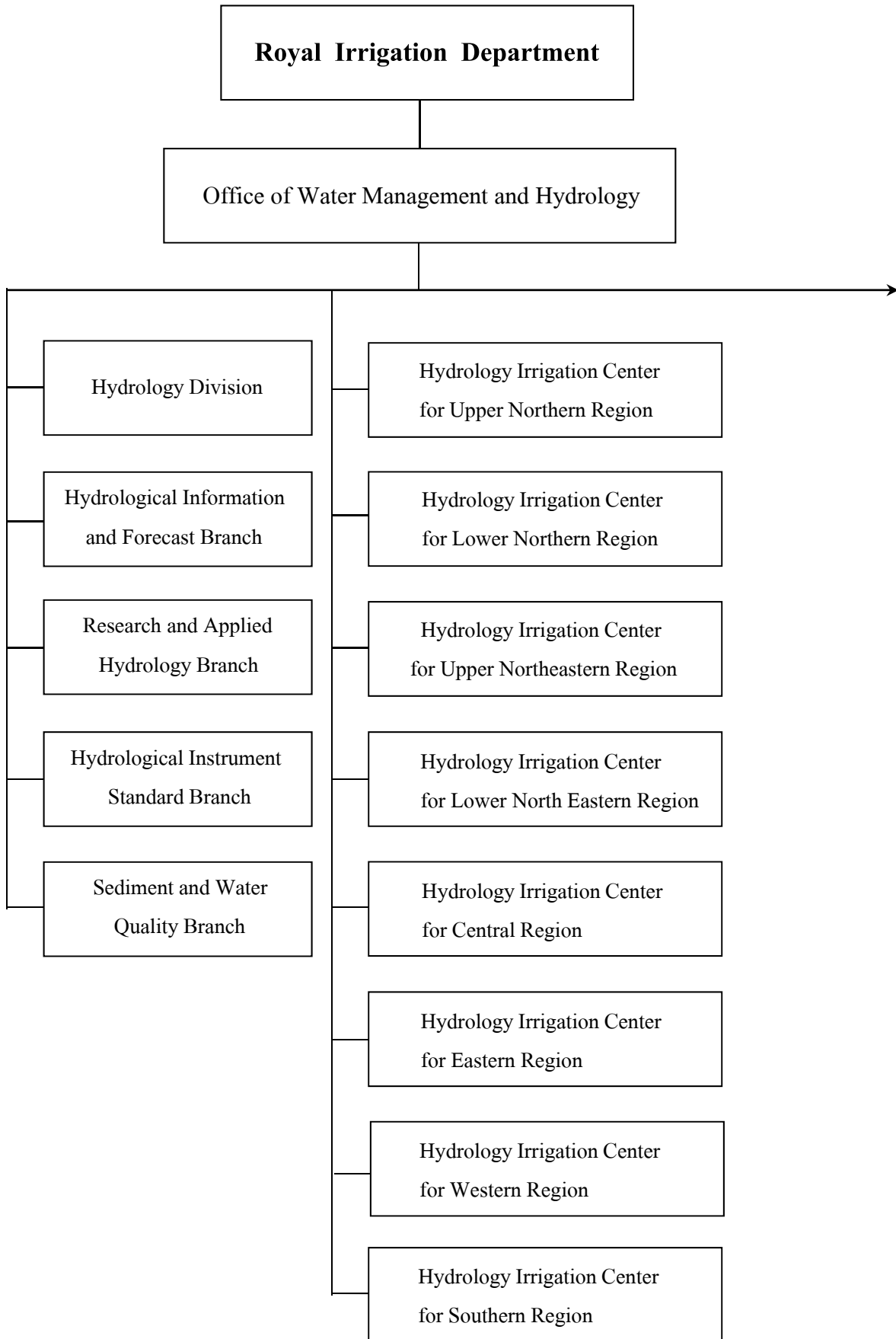
The Royal Irrigation Department (RID) has developed data system which include computerization of storage, Processing and retrieval of rainfall data since 1969. During the stream flow data system was being developed at RID in 1976, the National Economic and Social Development Board has made in agreement 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)
rai (1,600 m ² - Thai)	2.47 x 10 ⁻⁴	acres
	.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)
cubic meters (m ³)	264.2	gallons (gal)
	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)
cubic hectometers (hm ³)	264.2	million gallons (10 ⁶ gal)
	408.6	cfs - day (ft ³ / s - day)
	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)

XXXIII

<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 2007

WATER YEAR : 2007

SALAWIN RIVER BASIN

Nam Mae Pai at Ban Tha Pong Daeng , Mae Hong Son (Sw.5A)

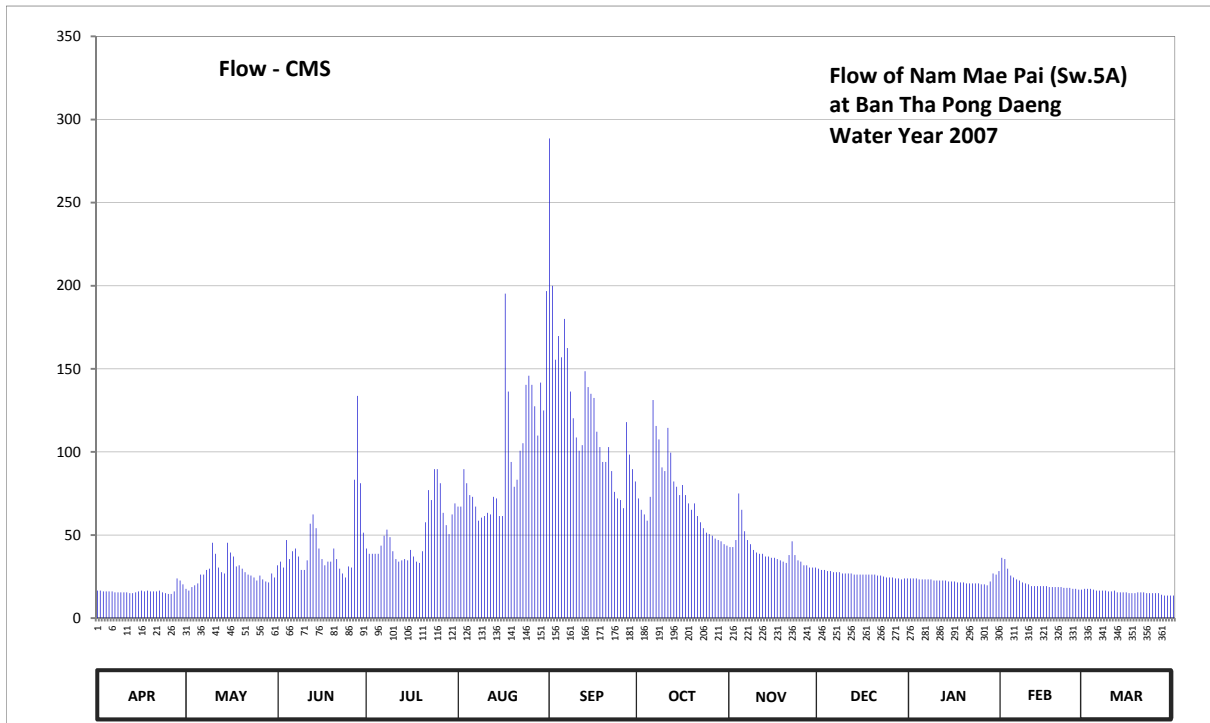
Lat 19 - 16 - 06 N Long 97 - 56 - 55 E

Location : on left bank at Ban Tha Pong Daeng.

	Ban	Tha Pong Daeng	Amphoe	Mueang	Changwat	Mae Hong Son
Drainage Area	4,470	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+175.757 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank near the station office.				Elevation	+187.030 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	1980 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 15 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	175.83	175.85	176.08	176.21	176.49	178.07	176.54	176.22	176.05	175.96	176.14	175.85	
2	175.83	175.83	176.11	176.17	176.49	177.55	176.47	176.22	176.04	175.96	176.13	175.85	
3	175.82	175.87	176.06	176.17	176.71	177.25	176.44	176.27	176.04	175.96	176.05	175.85	
4	175.82	175.89	176.27	176.17	176.63	177.35	176.40	176.57	176.03	175.95	175.99	175.84	
5	175.82	175.91	176.13	176.17	176.56	177.26	176.55	176.47	176.03	175.95	175.97	175.83	
6	175.82	176.00	176.19	176.23	176.55	177.42	177.07	176.33	176.02	175.95	175.95	175.83	
7	175.81	176.00	176.21	176.30	176.49	177.30	176.94	176.27	176.02	175.95	175.94	175.83	
8	175.81	176.04	176.15	176.34	176.40	177.11	176.87	176.24	176.02	175.95	175.92	175.83	
9	175.81	176.05	176.04	176.29	176.42	176.98	176.72	176.20	176.01	175.94	175.91	175.82	
10	175.81	176.25	176.04	176.19	176.43	176.88	176.70	176.18	176.01	175.94	175.90	175.82	
11	175.81	176.17	176.12	176.13	176.45	176.81	176.93	176.17	176.01	175.94	175.88	175.83	
12	175.80	176.06	176.38	176.11	176.44	176.84	176.80	176.17	176.01	175.94	175.88	175.81	
13	175.80	176.02	176.44	176.12	176.55	177.20	176.64	176.15	176.00	175.94	175.88	175.81	
14	175.81	176.01	176.35	176.13	176.54	177.13	176.61	176.15	176.00	175.93	175.88	175.81	
15	175.82	176.25	176.21	176.12	176.43	177.10	176.56	176.14	176.00	175.93	175.88	175.81	
16	175.83	176.18	176.13	176.20	176.43	177.08	176.62	176.14	176.00	175.93	175.88	175.80	
17	175.82	176.15	176.08	176.15	177.52	176.91	176.56	176.13	176.00	175.92	175.87	175.80	
18	175.83	176.07	176.11	176.11	177.11	176.83	176.51	176.12	176.00	175.92	175.87	175.80	
19	175.82	176.08	176.11	176.10	176.75	176.75	176.47	176.11	176.00	175.92	175.87	175.81	
20	175.82	176.05	176.21	176.19	176.61	176.75	176.51	176.10	176.00	175.91	175.87	175.81	
21	175.82	176.02	176.13	176.39	176.65	176.83	176.43	176.16	175.99	175.91	175.87	175.81	
22	175.83	176.00	176.05	176.59	176.81	176.70	176.39	176.26	175.99	175.91	175.86	175.80	
23	175.81	175.99	176.01	176.53	176.85	176.58	176.35	176.16	175.98	175.91	175.86	175.80	
24	175.80	175.97	175.97	176.71	177.14	176.54	176.32	176.12	175.97	175.91	175.86	175.80	
25	175.79	175.94	176.07	176.71	177.18	176.53	176.31	176.11	175.97	175.90	175.85	175.80	
26	175.79	175.99	176.06	176.63	177.14	176.48	176.30	176.08	175.97	175.90	175.85	175.80	
27	175.82	175.95	176.65	176.45	177.04	176.96	176.28	176.08	175.96	175.89	175.84	175.78	
28	175.96	175.93	177.09	176.37	176.89	176.79	176.27	176.06	175.96	175.93	175.84	175.77	
29	175.94	175.92	176.63	176.31	177.15	176.71	176.26	176.06	175.95	176.01	175.86	175.77	
30	175.90	176.01	176.32	176.44	177.02	176.64	176.24	176.06	175.96	176.00		175.77	
31		175.97		176.51	177.53		176.23		175.96	176.03		175.77	
Mean	175.83	176.01	176.21	176.30	176.75	176.98	176.53	176.18	176.00	175.94	175.91	175.81	
Max	175.96	176.25	177.09	176.71	177.53	178.07	177.07	176.57	176.05	176.03	176.14	175.85	178.07
Min	175.79	175.83	175.97	176.10	176.40	176.48	176.23	176.06	175.95	175.89	175.84	175.77	175.77
Annual Max Momentary Gage Height	178.48		m. (MSL.) ,				at 13.00 Hours ,						on Sep 1 , 2007
Zero Gage at Bottom Elevation	175.76		m. (MSL.) ,			River Bed	174.79		m. (MSL)				
Left Bank Elevation		183.28		m. (MSL.) ,									
Right Bank Elevation		181.46		m. (MSL.) ,		Drainage Are	4,470		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	16.59	17.65	31.80	41.86	67.06	288.60	72.00	42.72	29.70	23.84	36.32	17.65		
2	16.59	16.59	33.98	38.66	67.06	200.00	65.18	42.72	29.00	23.84	35.54	17.65		
3	16.06	18.71	30.40	38.66	89.60	155.50	62.36	47.02	29.00	23.84	29.70	17.65		
4	16.06	19.77	47.02	38.66	81.15	169.75	58.60	75.00	28.30	23.25	25.61	17.12		
5	16.06	20.89	35.54	38.66	74.00	156.90	73.00	65.18	28.30	23.25	24.43	16.59		
6	16.06	26.20	40.22	43.58	73.00	180.00	131.25	52.30	27.60	23.25	23.25	16.59		
7	15.53	26.20	41.86	49.60	67.06	162.50	115.60	47.02	27.60	23.25	22.66	16.59		
8	15.53	29.00	37.10	53.20	58.60	136.35	107.55	44.44	27.60	23.25	21.48	16.59		
9	15.53	29.70	29.00	48.74	60.48	120.20	90.70	41.00	26.90	22.66	20.89	16.06		
10	15.53	45.30	29.00	40.22	61.42	108.70	88.50	39.44	26.90	22.66	20.30	16.06		
11	15.53	38.66	34.76	35.54	63.30	100.65	114.45	38.66	26.90	22.66	19.24	16.59		
12	15.00	30.40	56.80	33.98	62.36	104.10	99.50	38.66	26.90	22.66	19.24	15.53		
13	15.00	27.60	62.36	34.76	73.00	148.50	82.20	37.10	26.20	22.66	19.24	15.53		
14	15.53	26.90	54.10	35.54	72.00	139.05	79.05	37.10	26.20	22.07	19.24	15.53		
15	16.06	45.30	41.86	34.76	61.42	135.00	74.00	36.32	26.20	22.07	19.24	15.53		
16	16.59	39.44	35.54	41.00	61.42	132.50	80.10	36.32	26.20	22.07	19.24	15.00		
17	16.06	37.10	31.80	37.10	195.20	112.15	74.00	35.54	26.20	21.48	18.71	15.00		
18	16.59	31.10	33.98	33.98	136.35	102.95	69.00	34.76	26.20	21.48	18.71	15.00		
19	16.06	31.80	33.98	33.20	94.00	94.00	65.18	33.98	26.20	21.48	18.71	15.53		
20	16.06	29.70	41.86	40.22	79.05	94.00	69.00	33.20	26.20	20.89	18.71	15.53		
21	16.06	27.60	35.54	57.70	83.25	102.95	61.42	37.88	25.61	20.89	18.71	15.53		
22	16.59	26.20	29.70	77.00	100.65	88.50	57.70	46.16	25.61	20.89	18.18	15.00		
23	15.53	25.61	26.90	71.00	105.25	76.00	54.10	37.88	25.02	20.89	18.18	15.00		
24	15.00	24.43	24.43	89.60	140.40	72.00	51.40	34.76	24.43	20.89	18.18	15.00		
25	14.51	22.66	31.10	89.60	145.80	71.00	50.50	33.98	24.43	20.30	17.65	15.00		
26	14.51	25.61	30.40	81.15	140.40	66.12	49.60	31.80	24.43	20.30	17.65	15.00		
27	16.06	23.25	83.25	63.30	127.50	117.90	47.88	31.80	23.84	19.77	17.12	14.02		
28	23.84	22.07	133.75	55.90	109.85	98.40	47.02	30.40	23.84	22.07	17.12	13.53		
29	22.66	21.48	81.15	50.50	141.75	89.60	46.16	30.40	23.25	26.90	18.18	13.53		
30	20.30	26.90	51.40	62.36	125.00	82.20	44.44	30.40	23.84	26.20		13.53		
31		24.43		69.00	196.80		43.58		23.84	28.30		13.53		
Total	493.08	858.25	1310.58	1559.03	3014.18	3706.07	2225.02	1203.94	812.44	700.01	611.43	481.99	16976.02	CMSDAY
Mean	16.44	27.69	43.69	50.29	97.23	123.54	71.77	40.13	26.21	22.58	21.08	15.55	46.38	CMS
Max	23.84	45.30	133.75	89.60	196.80	288.60	131.25	75.00	29.70	28.30	36.32	17.65	288.60	CMS
Min	14.51	16.59	24.43	33.20	58.60	66.12	43.58	30.40	23.25	19.77	17.12	13.53	13.53	CMS
Runoff	42.60	74.15	113.23	134.70	260.43	320.20	192.24	104.02	70.19	60.48	52.83	41.64	1466.73	MCM
Momentary Peak		365.10	CMS.	at 178.48 m. (MSL.)	at 13.00 Hours	, on Sep 1, 2007								
Runoff Yield		10.40	Liters/Second/Square KM.		Momentary Peak Yield	81.68	Liters/Second/Square KM.							

WATER YEAR : 2007

SALAWIN RIVER BASIN

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

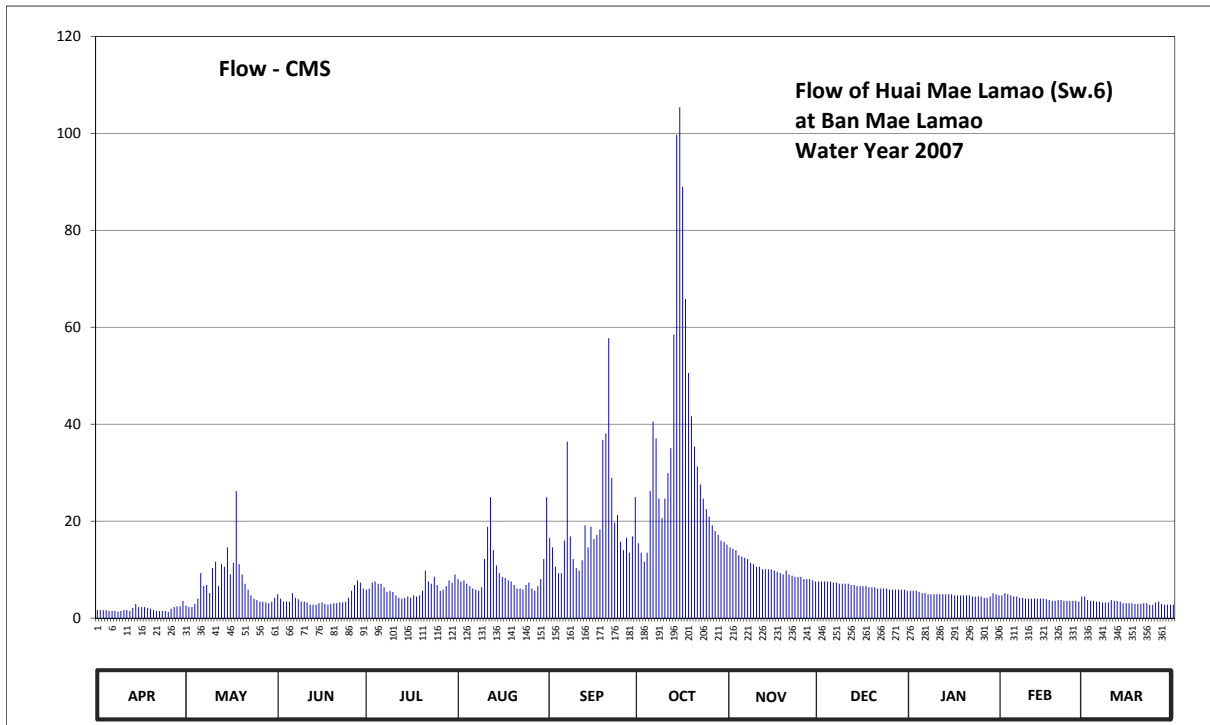
Lat 16 - 45 - 36 N Long 98 - 45 - 16 E

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

	Ban Mae Lamao	Amphoe Mae Sot	Changwat Tak
Drainage 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 11 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	268.84	268.90	269.03	269.07	269.16	269.48	269.44	269.41	269.14	269.06	269.02	269.01	
2	268.84	268.88	268.99	269.08	269.14	269.41	269.37	269.40	269.14	269.06	269.04	268.97	
3	268.84	268.88	268.95	269.13	269.15	269.26	269.30	269.39	269.14	269.06	269.03	268.96	
4	268.84	268.92	268.95	269.14	269.12	269.21	269.37	269.35	269.14	269.05	269.02	268.96	
5	268.83	268.99	268.95	269.12	269.10	269.21	269.80	269.34	269.14	269.04	269.01	268.95	
6	268.83	269.21	269.04	269.12	269.08	269.46	270.22	269.33	269.13	269.04	269.01	268.95	
7	268.83	269.10	269.00	269.09	269.07	270.10	270.12	269.32	269.13	269.03	269.00	268.94	
8	268.82	269.11	268.98	269.05	269.06	269.49	269.75	269.29	269.12	269.03	269.00	268.94	
9	268.83	269.04	268.95	269.06	269.09	269.32	269.62	269.28	269.12	269.03	268.99	268.94	
10	268.84	269.25	268.95	269.05	269.32	269.25	269.75	269.26	269.12	269.03	268.99	268.97	
11	268.84	269.30	268.94	269.02	269.56	269.23	269.91	269.26	269.12	269.03	268.99	268.96	
12	268.83	269.10	268.91	269.00	269.76	269.31	270.06	269.24	269.11	269.03	268.99	268.96	
13	268.87	269.28	268.91	268.99	269.39	269.57	270.70	269.24	269.11	269.03	268.99	268.95	
14	268.92	269.26	268.91	269.00	269.27	269.41	271.71	269.24	269.10	269.03	268.99	268.93	
15	268.88	269.41	268.93	269.01	269.21	269.56	271.84	269.24	269.10	269.03	268.99	268.93	
16	268.88	269.20	268.94	269.00	269.18	269.47	271.46	269.23	269.10	269.02	268.98	268.93	
17	268.88	269.29	268.92	269.02	269.17	269.50	270.89	269.22	269.10	269.02	268.97	268.93	
18	268.87	269.80	268.91	269.01	269.15	269.54	270.49	269.21	269.09	269.02	268.96	268.92	
19	268.86	269.28	268.92	269.02	269.14	270.11	270.25	269.20	269.09	269.02	268.96	268.92	
20	268.84	269.20	268.93	269.06	269.11	270.15	270.07	269.23	269.09	269.02	268.97	268.92	
21	268.83	269.12	268.93	269.23	269.08	270.68	269.95	269.20	269.08	269.02	268.97	268.93	
22	268.83	269.07	268.94	269.14	269.08	269.88	269.84	269.19	269.08	269.01	268.96	268.93	
23	268.83	269.02	268.94	269.12	269.07	269.59	269.75	269.18	269.08	269.01	268.96	268.91	
24	268.83	268.99	268.95	269.18	269.11	269.64	269.68	269.18	269.08	269.01	268.96	268.91	
25	268.82	268.97	269.00	269.11	269.13	269.45	269.63	269.18	269.07	269.01	268.96	268.94	
26	268.86	268.95	269.06	269.06	269.08	269.39	269.57	269.16	269.07	269.00	268.96	268.95	
27	268.88	268.95	269.11	269.07	269.06	269.48	269.53	269.16	269.07	269.00	268.95	268.92	
28	268.89	268.94	269.15	269.10	269.10	269.37	269.50	269.16	269.07	269.01	269.01	268.91	
29	268.89	268.93	269.13	269.15	269.16	269.49	269.46	269.15	269.07	269.04	269.03	268.91	
30	268.96	268.95	269.08	269.13	269.32	269.76	269.45	269.14	269.07	269.03	268.95	268.91	
31		269.00		269.20	269.76		269.43		269.06	269.02		268.91	
Mean	268.85	269.11	268.98	269.08	269.20	269.56	270.00	269.25	269.10	269.03	268.99	268.94	
Max	268.96	269.80	269.15	269.23	269.76	270.68	271.84	269.41	269.14	269.06	269.04	269.01	271.84
Min	268.82	268.88	268.91	268.99	269.06	269.21	269.30	269.14	269.06	269.00	268.95	268.91	268.82
Annual Max Momentary Gage Height	272.39		m. (MSL.) ,			at 21.00 Hours ,							
Zero Gage at Bottom Elevation	268.47		m. (MSL.) ,			River Bed	268.25		m. (MSL.)				
Left Bank Elevation	277.32		m. (MSL.) ,										
Right Bank Elevation	276.52		m. (MSL.) ,			Drainage Are	1,009		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.64	2.60	4.92	5.88	8.04	16.58	15.44	14.59	7.56	5.64	4.68	4.44	
2	1.64	2.28	4.04	6.12	7.56	14.59	13.50	14.30	7.56	5.64	5.16	3.72	
3	1.64	2.28	3.40	7.32	7.80	10.59	11.65	14.04	7.56	5.64	4.92	3.56	
4	1.64	2.92	3.40	7.56	7.08	9.26	13.50	12.98	7.56	5.40	4.68	3.56	
5	1.48	4.04	3.40	7.08	6.60	9.26	26.20	12.71	7.56	5.16	4.44	3.40	
6	1.48	9.26	5.16	7.08	6.12	16.01	40.54	12.44	7.32	5.16	4.44	3.40	
7	1.48	6.60	4.20	6.36	5.88	36.40	37.08	12.18	7.32	4.92	4.20	3.24	
8	1.32	6.84	3.88	5.40	5.64	16.86	24.65	11.39	7.08	4.92	4.20	3.24	
9	1.48	5.16	3.40	5.64	6.36	12.18	20.62	11.12	7.08	4.92	4.04	3.24	
10	1.64	10.32	3.40	5.40	12.18	10.32	24.65	10.59	7.08	4.92	4.04	3.72	
11	1.64	11.65	3.24	4.68	18.86	9.80	29.94	10.59	7.08	4.92	4.04	3.56	
12	1.48	6.60	2.76	4.20	24.96	11.91	35.04	10.06	6.84	4.92	4.04	3.56	
13	2.12	11.12	2.76	4.04	14.04	19.15	58.50	10.06	6.84	4.92	4.04	3.40	
14	2.92	10.59	2.76	4.20	10.85	14.59	99.73	10.06	6.60	4.92	4.04	3.08	
15	2.28	14.59	3.08	4.44	9.26	18.86	105.38	10.06	6.60	4.92	4.04	3.08	
16	2.28	9.00	3.24	4.20	8.52	16.30	88.98	9.80	6.60	4.68	3.88	3.08	
17	2.28	11.39	2.92	4.68	8.28	17.15	65.81	9.53	6.60	4.68	3.72	3.08	
18	2.12	26.20	2.76	4.44	7.80	18.29	50.57	9.26	6.36	4.68	3.56	2.92	
19	1.96	11.12	2.92	4.68	7.56	36.74	41.65	9.00	6.36	4.68	3.56	2.92	
20	1.64	9.00	3.08	5.64	6.84	38.10	35.38	9.80	6.36	4.68	3.72	2.92	
21	1.48	7.08	3.08	9.80	6.12	57.74	31.30	9.00	6.12	4.68	3.72	3.08	
22	1.48	5.88	3.24	7.56	6.12	28.92	27.56	8.76	6.12	4.44	3.56	3.08	
23	1.48	4.68	3.24	7.08	5.88	19.71	24.65	8.52	6.12	4.44	3.56	2.76	
24	1.48	4.04	3.40	8.52	6.84	21.24	22.48	8.52	6.12	4.44	3.56	2.76	
25	1.32	3.72	4.20	6.84	7.32	15.73	20.93	8.52	5.88	4.44	3.56	3.24	
26	1.96	3.40	5.64	5.64	6.12	14.04	19.15	8.04	5.88	4.20	3.56	3.40	
27	2.28	3.40	6.84	5.88	5.64	16.58	18.00	8.04	5.88	4.20	3.40	2.92	
28	2.44	3.24	7.80	6.60	6.60	13.50	17.15	8.04	5.88	4.44	4.44	2.76	
29	2.44	3.08	7.32	7.80	8.04	16.86	16.01	7.80	5.88	5.16	4.92	2.76	
30	3.56	3.40	6.12	7.32	12.18	24.96	15.73	7.56	5.88	4.92		2.76	
31		4.20		9.00	24.96		15.15		5.64	4.68		2.76	
Total	56.08	219.68	119.60	191.08	286.05	582.22	1066.92	307.36	205.32	150.36	117.72	99.40	3401.79
Mean	1.87	7.09	3.99	6.16	9.23	19.41	34.42	10.25	6.62	4.85	4.06	3.21	9.29
Max	3.56	26.20	7.80	9.80	24.96	57.74	105.38	14.59	7.56	5.64	5.16	4.44	105.38
Min	1.32	2.28	2.76	4.04	5.64	9.26	11.65	7.56	5.64	4.20	3.40	2.76	1.32
Runoff	4.85	18.98	10.33	16.51	24.71	50.30	92.18	26.56	17.74	12.99	10.17	8.59	293.91
Momentary Peak	130.24	CMS. at 272.39 m. (MSL.) at 21.00 Hours , on Oct 14, 2007											
Runoff Yield	9.24	Liters/Second/Square KM.		Momentary Peak Yield				129.08	Liters/Second/Square KM.				

WATER YEAR : 2007

KHONG RIVER BASIN

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

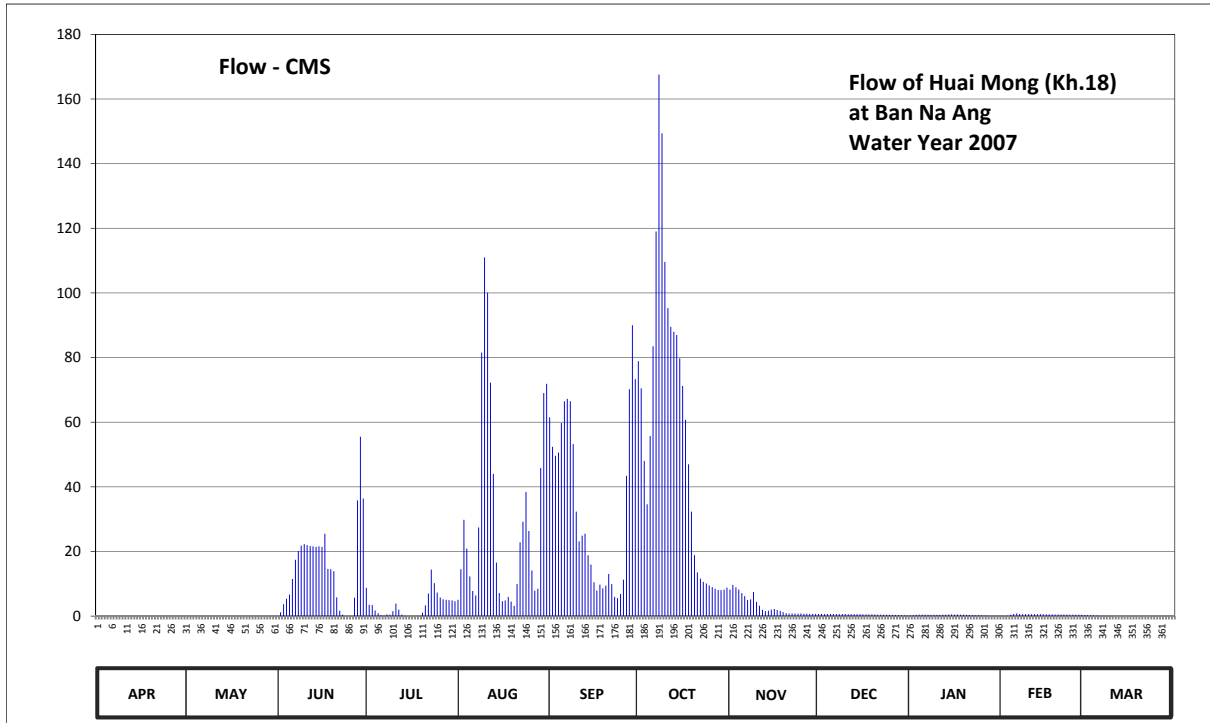
Lat 17 - 34 - 41 N Long 102 - 20 - 22 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +190.330 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 2007.		

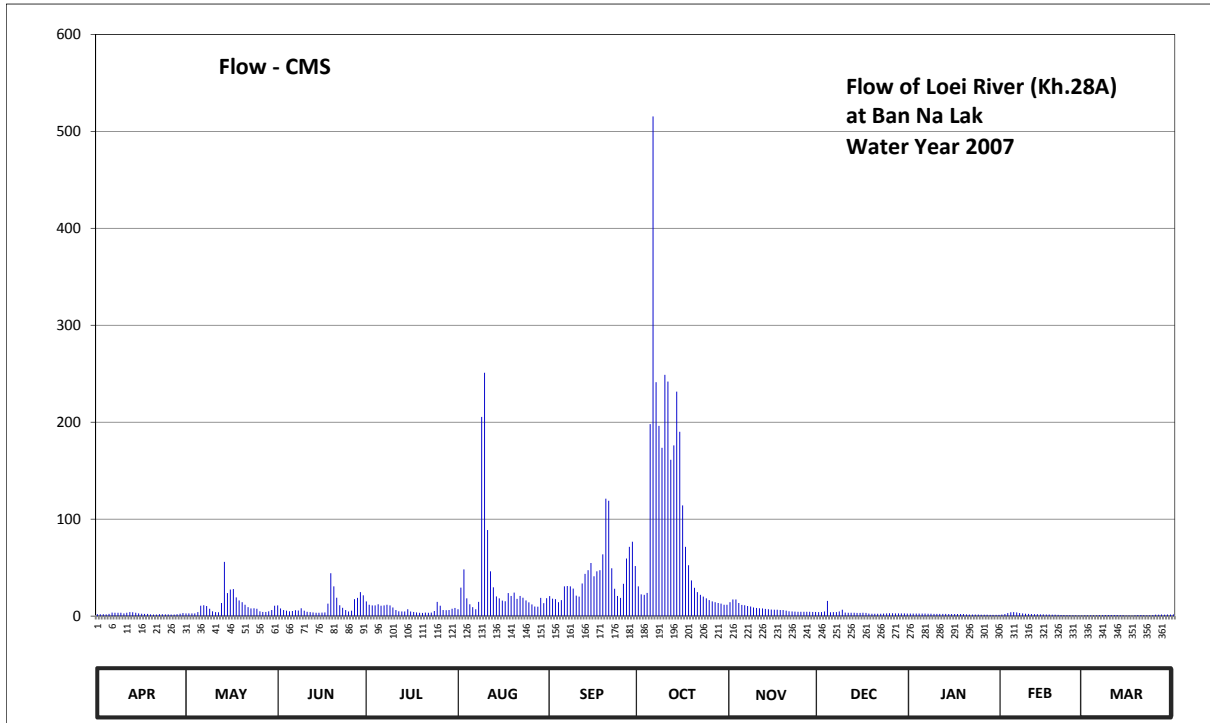
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	184.67	184.51	185.57	186.84	186.32	190.26	190.83	186.95	186.34	185.91	185.75	186.02	
2	184.67	184.51	185.77	186.10	187.45	189.87	190.60	186.99	186.34	186.00	185.74	185.99	
3	184.67	184.51	186.12	186.09	188.62	189.73	189.65	186.97	186.33	186.07	185.84	185.96	
4	184.66	184.51	186.36	185.85	187.99	189.78	188.94	186.95	186.32	186.13	186.16	185.92	
5	184.64	184.50	186.55	185.73	187.23	190.19	190.03	186.92	186.32	186.15	186.33	185.86	
6	184.63	184.50	187.15	185.64	186.71	190.46	190.93	186.89	186.32	186.15	186.41	185.81	
7	184.63	184.50	187.70	185.62	186.51	190.49	191.50	186.83	186.32	186.11	186.31	185.77	
8	184.62	184.50	187.93	185.68	188.46	190.46	191.87	186.84	186.31	186.08	186.27	185.75	
9	184.62	184.50	188.06	185.66	190.89	189.91	191.76	186.93	186.31	186.08	186.27	185.72	
10	184.61	184.49	188.09	185.82	191.40	188.79	191.38	186.80	186.31	186.08	186.27	185.68	
11	184.61	184.49	188.07	186.15	191.24	188.15	191.16	186.71	186.30	186.10	186.27	185.64	
12	184.61	184.49	188.05	185.89	190.65	188.28	191.05	186.58	186.30	186.12	186.27	185.61	
13	184.61	184.49	188.04	185.66	189.45	188.32	191.02	186.53	186.29	186.15	186.27	185.59	
14	184.60	184.48	188.03	185.61	187.63	187.82	191.00	186.55	186.28	186.19	186.27	185.56	
15	184.59	184.48	188.04	185.56	186.62	187.58	190.85	186.59	186.27	186.23	186.26	185.53	
16	184.57	184.49	188.03	185.52	186.26	187.05	190.62	186.61	186.26	186.21	186.26	185.52	
17	184.57	184.49	188.32	185.48	186.29	186.73	190.23	186.57	186.24	186.18	186.25	185.51	
18	184.55	184.49	187.46	185.44	186.45	186.97	189.60	186.54	186.24	186.14	186.24	185.51	
19	184.53	184.49	187.45	185.49	186.24	186.82	188.79	186.49	186.23	186.12	186.20	185.50	
20	184.53	184.50	187.39	185.75	186.05	186.93	187.82	186.42	186.20	186.09	186.19	185.46	
21	184.53	184.52	186.43	186.07	186.99	187.30	187.35	186.40	186.16	186.04	186.18	185.44	
22	184.53	184.57	185.84	186.60	188.13	186.99	187.16	186.41	186.14	186.00	186.21	185.45	
23	184.52	184.63	185.66	187.44	188.58	186.45	187.06	186.39	186.13	186.00	186.19	185.45	
24	184.51	184.66	185.57	187.02	189.17	186.39	187.01	186.37	186.12	185.99	186.16	185.44	
25	184.51	184.67	185.51	186.64	188.38	186.58	186.94	186.39	186.10	185.96	186.14	185.43	
26	184.50	184.71	185.55	186.42	187.41	187.13	186.87	186.37	186.09	185.91	186.13	185.43	
27	184.50	184.86	186.41	186.34	186.72	189.42	186.80	186.36	186.05	185.85	186.12	185.43	
28	184.51	184.95	189.02	186.32	186.80	190.59	186.75	186.35	186.02	185.80	186.10	185.43	
29	184.51	184.75	190.02	186.31	189.54	191.06	186.75	186.35	185.97	185.76	186.06	185.43	
30	184.50	184.65	189.06	186.29	190.55	190.68	186.76	186.34	185.94	185.75	186.02	185.43	
31		184.61		186.26	190.64		186.85		185.89	185.75		185.46	
Mean	184.58	184.56	187.24	186.04	188.11	188.57	189.22	186.61	186.21	186.04	186.18	185.60	
Max	184.67	184.95	190.02	187.44	191.40	191.06	191.87	186.99	186.34	186.23	186.41	186.02	191.87
Min	184.50	184.48	185.51	185.44	186.05	186.39	186.75	186.34	185.89	185.75	185.74	185.43	184.48
Annual Max Momentary Gage Height	191.94		m. (MSL.) ,			at 21.00 Hours ,	on Oct 8, 2007						
Zero Gage at Bottom Elevation	183.43		m. (MSL.) ,			River Bed	181.21	m. (MSL.)					
Left Bank Elevation		191.87		m. (MSL.) ,									
Right Bank Elevation		190.33		m. (MSL.) ,		Drainage Are	1,309	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	8.75	5.04	61.50	78.85	8.20	0.68	0.21	0.08	0.32	
2	0.00	0.00	1.19	3.50	14.50	52.40	70.50	9.64	0.68	0.30	0.07	0.29	
3	0.00	0.00	3.64	3.43	29.80	49.60	48.00	8.92	0.66	0.37	0.14	0.26	
4	0.00	0.00	5.32	1.75	20.88	50.60	34.60	8.20	0.64	0.43	0.46	0.22	
5	0.00	0.00	6.65	0.91	12.30	59.75	55.75	7.12	0.64	0.45	0.66	0.16	
6	0.00	0.00	11.50	0.28	7.78	66.50	83.50	6.20	0.64	0.45	0.85	0.11	
7	0.00	0.00	17.40	0.14	6.37	67.25	119.00	5.00	0.64	0.41	0.62	0.09	
8	0.00	0.00	20.16	0.56	27.44	66.50	167.60	5.20	0.62	0.38	0.57	0.08	
9	0.00	0.00	21.84	0.42	81.55	53.20	149.40	7.48	0.62	0.38	0.57	0.06	
10	0.00	0.00	22.26	1.54	111.00	32.35	109.60	4.40	0.62	0.38	0.57	0.04	
11	0.00	0.00	21.98	3.85	100.10	23.10	95.30	3.23	0.60	0.40	0.57	0.02	
12	0.00	0.00	21.70	2.03	72.25	24.92	89.50	1.94	0.60	0.42	0.57	0.01	
13	0.00	0.00	21.56	0.42	44.00	25.48	88.00	1.54	0.59	0.45	0.57	0.00	
14	0.00	0.00	21.42	0.07	16.56	18.84	87.00	1.70	0.58	0.49	0.57	0.00	
15	0.00	0.00	21.56	0.00	7.14	15.96	79.75	2.02	0.57	0.53	0.56	0.00	
16	0.00	0.00	21.42	0.00	4.62	10.50	71.20	2.20	0.56	0.51	0.56	0.00	
17	0.00	0.00	25.48	0.00	4.83	7.93	60.75	1.86	0.54	0.48	0.55	0.00	
18	0.00	0.00	14.60	0.00	5.95	9.76	47.00	1.62	0.54	0.44	0.54	0.00	
19	0.00	0.00	14.50	0.00	4.48	8.60	32.35	1.25	0.53	0.42	0.50	0.00	
20	0.00	0.00	13.90	1.05	3.15	9.44	18.84	0.90	0.50	0.39	0.49	0.00	
21	0.00	0.00	5.81	3.29	9.92	13.00	13.50	0.80	0.46	0.34	0.48	0.00	
22	0.00	0.00	1.68	7.00	22.82	9.92	11.60	0.85	0.44	0.30	0.51	0.00	
23	0.00	0.00	0.42	14.40	29.20	5.95	10.60	0.78	0.43	0.30	0.49	0.00	
24	0.00	0.00	0.00	10.20	38.40	5.53	10.10	0.74	0.42	0.29	0.46	0.00	
25	0.00	0.00	0.00	7.28	26.32	6.86	9.52	0.78	0.40	0.26	0.44	0.00	
26	0.00	0.00	0.00	5.74	14.10	11.30	8.98	0.74	0.39	0.21	0.43	0.00	
27	0.00	0.00	5.67	5.18	7.85	43.40	8.45	0.72	0.35	0.15	0.42	0.00	
28	0.00	0.00	35.80	5.04	8.45	70.20	8.08	0.70	0.32	0.10	0.40	0.00	
29	0.00	0.00	55.50	4.97	45.80	90.00	8.08	0.70	0.27	0.08	0.36	0.00	
30	0.00	0.00	36.40	4.83	69.00	73.30	8.15	0.68	0.24	0.08	0.08	0.00	
31	0.00	0.00		4.62	71.90		8.83		0.19	0.08		0.00	
Total	0.00	0.00	449.36	101.25	923.50	1043.64	1692.38	96.11	15.96	10.48	14.06	1.66	4348.40 CMSDAY
Mean	0.00	0.00	14.98	3.27	29.79	34.79	54.59	3.20	0.51	0.34	0.48	0.05	11.88 CMS
Max	0.00	0.00	55.50	14.40	111.00	90.00	167.60	9.64	0.68	0.53	0.85	0.32	167.60 CMS
Min	0.00	0.00	0.00	0.00	3.15	5.53	8.08	0.68	0.19	0.08	0.07	0.00	0.00 CMS
Runoff	0.00	0.00	38.82	8.75	79.79	90.17	146.22	8.30	1.38	0.91	1.21	0.14	375.70 MCM
Momentary Peak	185.80	CMS.	at 191.94 m. (MSL.) at 21.00 Hours , on Oct 8, 2007										
Runoff Yield	9.10	Liters/Second/Square KM.	Momentary Peak Yield 141.94 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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.03	2.75	10.98	15.14	7.08	20.60	30.74	14.36	4.10	2.66	1.67	0.86	
2	2.03	2.75	7.86	11.76	29.44	18.00	22.42	17.22	4.10	2.66	2.12	0.86	
3	2.03	2.75	6.30	10.98	48.16	17.48	21.90	17.22	4.82	2.66	3.11	0.77	
4	1.85	2.84	5.52	10.98	18.26	14.36	23.98	13.58	15.66	2.66	3.92	0.77	
5	2.30	4.19	4.91	12.28	12.28	16.44	198.06	11.50	4.01	2.66	4.19	0.77	
6	3.65	10.72	5.26	10.72	9.16	30.74	515.40	11.24	4.10	2.57	3.74	1.04	
7	3.47	11.24	6.04	10.98	7.08	31.00	241.24	10.46	4.10	2.48	3.11	1.04	
8	3.38	10.46	5.78	11.76	14.62	30.74	196.23	9.94	4.73	2.39	2.75	1.22	
9	3.47	7.60	8.12	10.98	205.38	28.40	173.66	8.90	6.56	2.30	2.48	1.22	
10	2.84	4.91	5.52	8.90	251.00	21.12	248.90	8.38	3.65	2.30	2.30	1.22	
11	3.38	4.19	4.46	6.30	88.72	20.08	241.93	8.12	3.38	2.30	2.12	1.13	
12	4.19	3.92	4.10	5.00	46.21	33.73	161.16	7.86	3.38	2.30	2.03	1.13	
13	4.01	13.58	3.74	4.73	29.70	43.48	176.10	7.34	3.38	2.30	1.94	1.04	
14	3.47	55.96	3.47	4.82	20.34	47.38	231.61	7.08	3.29	2.21	1.85	1.04	
15	2.75	23.72	3.47	7.08	18.26	54.79	190.13	6.82	3.29	2.21	1.76	0.68	
16	2.48	27.36	3.65	4.73	15.92	41.14	114.16	6.56	3.38	2.21	1.67	0.68	
17	2.30	27.88	3.74	4.28	15.40	46.21	71.44	6.56	3.29	2.21	1.58	0.50	
18	2.30	19.30	12.80	3.74	23.72	47.38	52.45	6.30	2.57	2.12	1.49	0.77	
19	1.85	16.18	44.26	3.47	20.86	63.76	36.85	6.30	2.48	2.12	1.40	1.13	
20	1.67	14.36	30.74	3.29	24.24	121.12	29.18	5.52	2.39	1.85	1.31	1.13	
21	1.67	11.76	19.04	3.56	17.74	119.04	24.76	4.91	2.39	1.67	1.22	1.04	
22	1.94	9.16	11.24	3.38	20.86	49.33	21.90	4.73	2.48	1.67	1.13	0.86	
23	1.94	7.86	8.64	3.56	19.04	28.14	20.08	4.55	2.66	1.67	1.04	0.86	
24	1.76	8.12	6.30	5.26	16.18	20.86	18.26	4.46	2.75	1.58	0.95	0.95	
25	1.76	7.60	4.82	14.62	14.10	18.78	16.44	4.37	2.93	1.40	0.86	1.40	
26	1.67	4.91	5.52	10.72	12.02	33.34	15.14	4.37	2.93	1.40	0.77	1.49	
27	1.67	4.28	17.48	6.30	9.94	59.47	14.36	4.37	2.84	1.40	0.68	1.58	
28	2.03	4.28	18.78	6.04	9.68	71.44	13.58	4.37	2.84	1.31	0.68	1.40	
29	2.48	4.91	24.76	6.30	18.78	76.72	12.80	4.28	2.75	1.31	0.68	1.58	
30	3.11	6.30	21.38	7.60	13.32	51.67	11.76	4.28	2.75	1.31		1.67	
31		10.72		8.38	18.52		11.76		2.66	1.31		1.85	
Total	75.48	346.56	318.68	237.64	1076.01	1276.74	3158.38	235.95	116.64	63.20	54.55	33.68	6993.51 CMSDAY
Mean	2.52	11.18	10.62	7.67	34.71	42.56	101.88	7.87	3.76	2.04	1.88	1.09	19.11 CMS
Max	4.19	55.96	44.26	15.14	251.00	121.12	515.40	17.22	15.66	2.66	4.19	1.85	515.40 CMS
Min	1.67	2.75	3.47	3.29	7.08	14.36	11.76	4.28	2.39	1.31	0.68	0.50	0.50 CMS
Runoff	6.52	29.94	27.53	20.53	92.97	110.31	272.88	20.39	10.08	5.46	4.71	2.91	604.24 MCM
Momentary Peak		597.60 CMS.			at 248.12 m. (MSL.)			on Oct 6, 2007					
Runoff Yield		15.07		Liters/Second/Square KM.			Momentary Peak Yield	470.18					Liters/Second/Square KM.

WATER YEAR : 2007**KHONG RIVER BASIN****Huai Luang at Ban Nong Wua So , Udon Thani (Kh.53)**

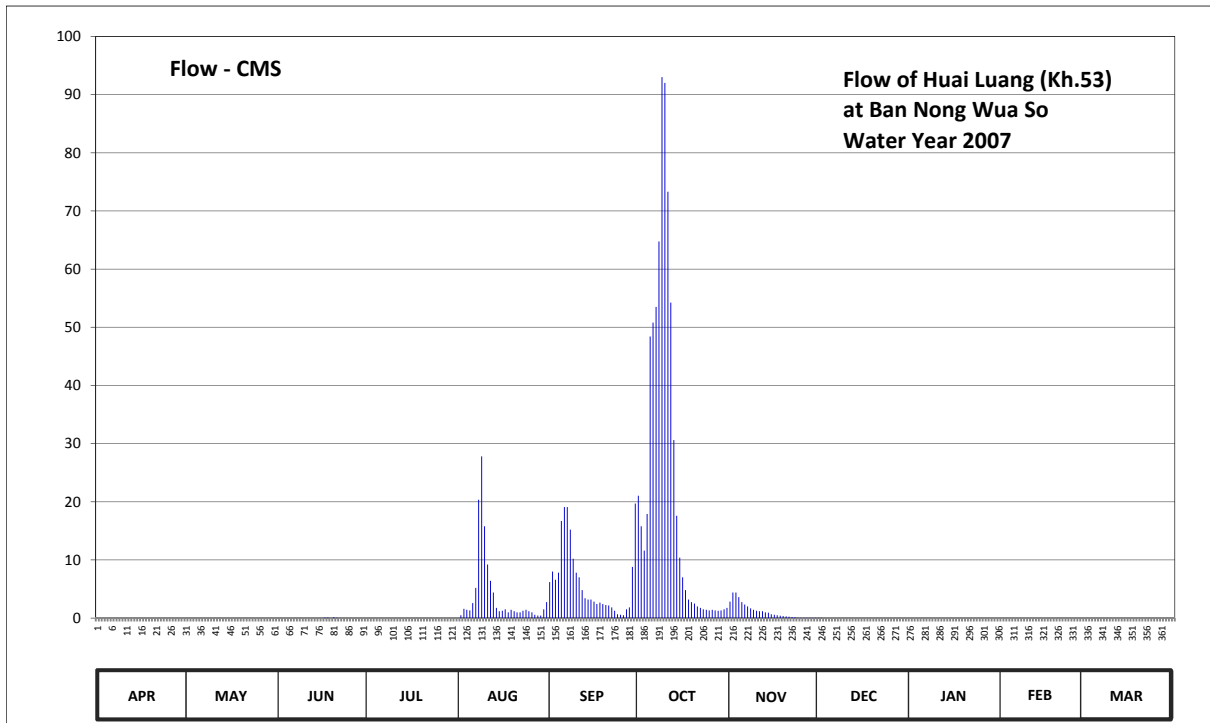
Lat 17 - 15 - 51 N Long 102 - 35 - 47 E

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 good. Flow regulated by Huai Luang barrage. Stage-discharge relation defined by 13 discharge measurements made in 2007.		

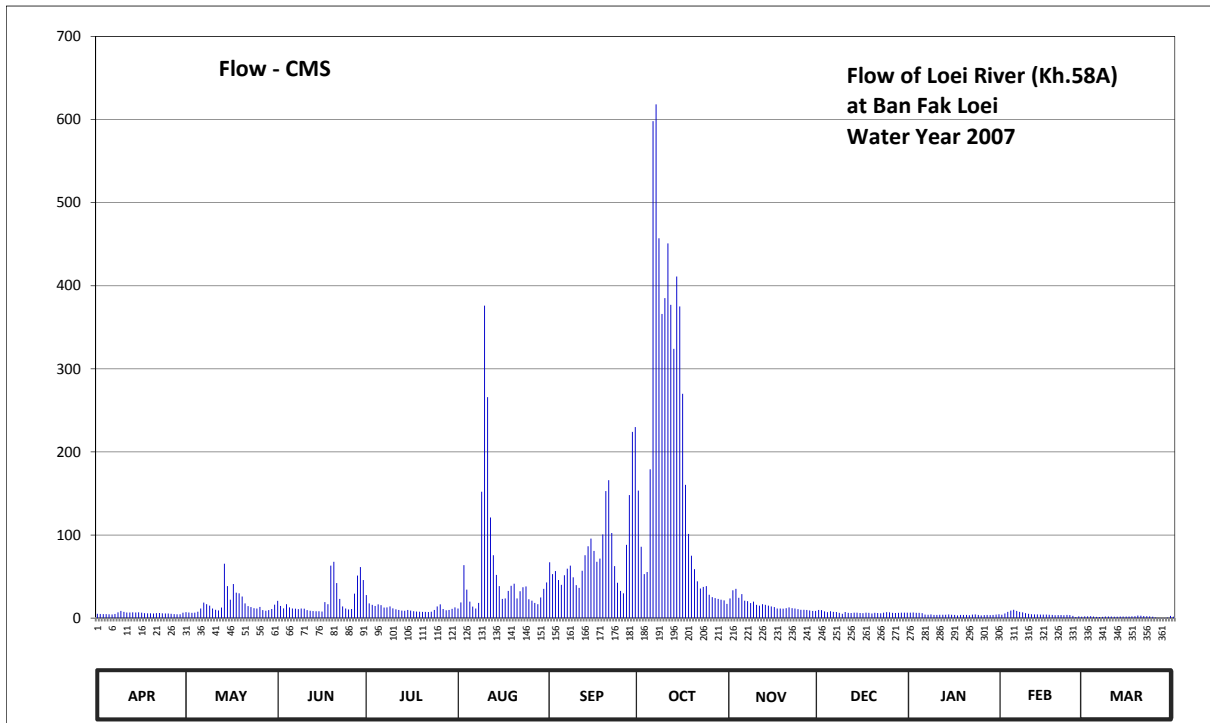
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	203.88	203.64	204.10	204.08	203.64	204.66	205.23	204.48	204.11	204.07	204.08	204.01	
2	203.88	203.64	204.09	204.08	204.20	204.75	205.06	204.57	204.11	204.07	204.10	204.00	
3	203.88	203.62	204.09	204.07	204.33	204.68	204.92	204.57	204.10	204.07	204.09	203.99	
4	203.88	203.61	204.08	204.06	204.31	204.74	205.13	204.53	204.10	204.06	204.09	203.98	
5	203.87	203.66	204.08	204.06	204.30	205.09	205.84	204.47	204.10	204.06	204.10	203.97	
6	203.85	203.67	204.08	204.03	204.45	205.17	205.88	204.42	204.10	204.06	204.09	203.97	
7	203.84	203.68	204.07	203.99	204.61	205.17	205.92	204.38	204.10	204.06	204.09	203.96	
8	203.83	203.68	204.06	203.97	205.21	205.04	206.07	204.34	204.10	204.06	204.09	203.96	
9	203.80	203.68	204.06	203.95	205.42	204.86	206.38	204.31	204.10	204.06	204.09	203.95	
10	203.78	203.68	204.05	203.94	205.06	204.74	206.37	204.29	204.10	204.07	204.09	203.94	
11	203.77	203.67	204.04	203.92	204.81	204.70	206.17	204.28	204.10	204.07	204.09	203.93	
12	203.77	203.66	204.03	203.90	204.67	204.59	205.93	204.28	204.10	204.06	204.09	203.92	
13	203.77	203.66	204.04	203.85	204.57	204.52	205.49	204.26	204.10	204.06	204.08	203.92	
14	203.77	203.66	204.05	203.80	204.35	204.51	205.12	204.25	204.09	204.06	204.08	203.91	
15	203.76	203.66	204.05	203.78	204.28	204.51	204.87	204.22	204.09	204.06	204.07	203.90	
16	203.75	203.66	204.05	203.78	204.29	204.48	204.70	204.21	204.09	204.06	204.07	203.90	
17	203.75	203.66	204.12	203.78	204.32	204.43	204.59	204.20	204.09	204.06	204.07	203.91	
18	203.74	203.66	204.12	203.78	204.26	204.46	204.51	204.18	204.09	204.06	204.06	203.92	
19	203.73	203.66	204.10	203.77	204.31	204.43	204.47	204.17	204.09	204.05	204.06	203.92	
20	203.72	203.65	204.13	203.76	204.28	204.41	204.44	204.16	204.09	204.05	204.04	203.94	
21	203.71	203.64	204.11	203.75	204.26	204.40	204.38	204.15	204.09	204.04	204.05	203.91	
22	203.70	203.63	204.10	203.76	204.26	204.36	204.35	204.14	204.09	204.04	204.05	203.91	
23	203.69	203.62	204.09	203.75	204.29	204.29	204.32	204.13	204.09	204.04	204.05	203.91	
24	203.67	203.61	204.08	203.73	204.31	204.22	204.31	204.11	204.09	204.04	204.05	203.90	
25	203.68	203.60	204.07	203.70	204.28	204.21	204.30	204.11	204.09	204.06	204.04	203.90	
26	203.67	203.59	204.06	203.67	204.26	204.20	204.31	204.11	204.08	204.06	204.03	203.89	
27	203.67	203.58	204.05	203.63	204.21	204.32	204.30	204.11	204.08	204.05	204.02	203.89	
28	203.66	203.58	204.07	203.59	204.19	204.36	204.29	204.11	204.08	204.05	204.02	203.89	
29	203.65	203.59	204.09	203.57	204.19	204.79	204.30	204.11	204.08	204.07	204.01	203.89	
30	203.64	203.60	204.09	203.55	204.32	205.19	204.32	204.11	204.08	204.08	204.08	203.89	
31		203.60		203.53	204.47		204.35		204.08	204.09		203.91	
Mean	203.76	203.64	204.08	203.83	204.41	204.61	204.99	204.26	204.09	204.06	204.07	203.93	
Max	203.88	203.68	204.13	204.08	205.42	205.19	206.38	204.57	204.11	204.09	204.10	204.01	206.38
Min	203.64	203.58	204.03	203.53	203.64	204.20	204.29	204.11	204.08	204.04	204.01	203.89	203.53
Annual Max Momentary Gage Height	206.51		m. (MSL.) ,				at 18.00 Hours ,						on Oct 9, 2007
Zero Gage at Bottom Elevation	201.31		m. (MSL.) ,			River Bed	203.29		m. (MSL.)				
Left Bank Elevation		207.84		m. (MSL.) ,									
Right Bank Elevation		207.87		m. (MSL.) ,		Drainage Are	421		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	6.20	21.05	2.83	0.05	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.50	8.00	15.80	4.40	0.05	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	1.58	6.60	11.60	4.40	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	1.42	7.80	17.90	3.60	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	1.33	16.70	48.40	2.75	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	2.58	19.10	50.80	2.33	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	5.20	19.10	53.50	2.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	20.35	15.20	64.75	1.67	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	27.80	10.20	93.00	1.42	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	15.80	7.80	92.00	1.25	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	9.20	7.00	73.30	1.17	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	6.40	4.80	54.25	1.17	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	4.40	3.40	30.60	1.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	1.75	3.20	17.60	0.92	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	1.17	3.20	10.40	0.67	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	1.25	2.83	7.00	0.58	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.10	0.00	1.50	2.42	4.80	0.50	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.10	0.00	1.00	2.67	3.20	0.40	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	1.42	2.42	2.75	0.35	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.15	0.00	1.17	2.25	2.50	0.30	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.05	0.00	1.00	2.17	2.00	0.25	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	1.00	1.83	1.75	0.20	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	1.25	1.25	1.50	0.15	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	1.42	0.67	1.42	0.05	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	1.17	0.58	1.33	0.05	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	1.00	0.50	1.42	0.05	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.58	1.50	1.33	0.05	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.45	1.83	1.25	0.05	0.00	0.00	0.00	0.00				
29	0.00	0.00	0.00	0.00	0.45	8.80	1.33	0.05	0.00	0.00	0.00	0.00				
30	0.00	0.00	0.00	0.00	1.50	19.70	1.50	0.05	0.00	0.00	0.00	0.00				
31	0.00	0.00	0.00	0.00	2.75	1.75	1.75	0.00	0.00	0.00	0.00	0.00				
Total	0.00	0.00	0.40	0.00	118.39	189.72	691.78	34.66	0.10	0.00	0.00	0.00	1035.05 CMSDAY			
Mean	0.00	0.00	0.01	0.00	3.82	6.32	22.32	1.16	0.00	0.00	0.00	0.00	2.83 CMS			
Max	0.00	0.00	0.15	0.00	27.80	19.70	93.00	4.40	0.05	0.00	0.00	0.00	93.00 CMS			
Min	0.00	0.00	0.00	0.00	0.00	0.50	1.25	0.05	0.00	0.00	0.00	0.00	0.00 CMS			
Runoff	0.00	0.00	0.03	0.00	10.23	16.39	59.77	2.99	0.01	0.00	0.00	0.00	89.43 MCM			
Momentary Peak	107.30 CMS. at 206.51 m. (MSL.) at 18.00 Hours , on Oct 9, 2007															
Runoff Yield	6.74 Liters/Second/Square KM.													Momentary Peak Yield	254.87 Liters/Second/Square KM.	



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.22	7.05	20.70	27.71	11.63	67.13	153.50	23.70	9.80	6.50	4.12	2.10	
2	5.03	6.68	14.70	17.70	18.90	52.88	85.94	33.49	9.62	6.68	5.58	2.10	
3	4.85	6.32	11.82	15.90	63.71	56.59	52.88	35.14	8.15	6.32	7.42	2.28	
4	4.85	6.50	16.80	14.70	34.31	45.86	55.35	24.41	7.05	6.32	9.07	1.92	
5	4.67	7.60	12.90	16.50	19.80	40.09	179.03	28.95	8.33	5.95	9.98	1.55	
6	4.48	11.63	11.63	15.60	13.80	51.64	598.04	21.00	7.42	4.30	8.70	1.37	
7	5.03	18.60	11.27	12.60	11.45	59.50	618.18	20.40	7.23	4.12	7.42	1.55	
8	6.87	16.80	10.72	12.90	18.30	63.14	457.00	18.00	6.32	4.48	6.87	1.92	
9	8.70	15.00	11.45	14.10	152.12	49.16	366.00	19.80	5.22	3.93	5.95	1.92	
10	7.42	11.45	11.27	11.82	376.00	39.68	385.00	15.90	7.23	3.93	5.22	1.92	
11	6.68	9.98	9.62	10.53	265.90	36.38	451.00	15.00	6.32	4.12	4.67	1.73	
12	6.68	9.25	8.88	9.80	121.07	57.00	377.00	16.80	6.13	4.12	4.48	1.73	
13	6.87	12.60	8.52	9.07	75.68	75.68	324.00	15.90	6.50	4.12	4.48	1.92	
14	6.68	65.42	8.33	8.88	52.05	86.51	411.00	15.00	6.50	4.48	4.30	1.92	
15	6.87	38.44	8.33	9.80	38.44	95.63	375.00	14.10	6.13	4.12	4.30	1.92	
16	6.50	22.20	7.97	9.07	23.10	80.81	270.00	13.20	5.95	3.93	4.30	1.92	
17	5.95	40.91	19.20	8.33	23.70	67.70	160.40	11.63	6.50	3.20	4.12	2.10	
18	5.77	30.60	16.80	7.97	32.66	71.69	101.33	11.45	6.32	3.75	3.93	2.28	
19	5.77	29.78	63.14	7.60	38.85	100.76	75.11	11.27	5.58	3.75	3.38	3.02	
20	5.58	26.06	67.70	7.42	41.33	152.81	59.00	12.00	6.32	3.75	3.57	2.83	
21	5.95	17.70	42.15	7.42	23.70	165.92	44.21	12.90	6.13	3.38	3.57	2.47	
22	6.13	14.40	23.10	7.23	32.25	102.47	35.55	12.00	5.77	4.30	3.38	2.28	
23	5.77	13.20	14.10	7.78	37.20	62.57	37.61	11.63	6.50	4.48	3.75	2.10	
24	5.58	12.00	11.63	9.80	38.03	42.56	38.44	10.72	7.05	3.75	3.57	1.73	
25	5.58	11.45	10.35	14.10	22.80	32.66	28.13	9.98	6.87	3.20	2.65	0.70	
26	5.22	13.50	10.90	16.50	21.00	29.78	25.24	9.98	6.32	3.57	1.37	0.20	
27	4.85	9.62	29.36	10.90	18.30	88.22	24.00	9.80	6.13	3.75	2.10	0.10	
28	4.67	8.88	51.23	9.43	16.80	147.98	23.10	9.25	6.32	3.57	1.73	0.20	
29	4.67	9.62	61.50	9.80	24.83	224.08	22.20	8.70	6.50	3.75	2.28	0.50	
30	6.50	10.90	45.86	11.08	35.14	229.82	21.30	8.70	6.50	4.30		2.65	
31		16.20		12.90	42.98		17.10		6.50	4.67		1.73	
Total	175.39	530.34	651.93	364.94	1745.83	2476.70	5871.64	480.80	209.21	134.59	136.26	54.66	12832.29 CMSDAY
Mean	5.85	17.11	21.73	11.77	56.32	82.56	189.41	16.03	6.75	4.34	4.70	1.76	35.06 CMS
Max	8.70	65.42	67.70	27.71	376.00	229.82	618.18	35.14	9.80	6.68	9.98	3.02	618.18 CMS
Min	4.48	6.32	7.97	7.23	11.45	29.78	17.10	8.70	5.22	3.20	1.37	0.10	0.10 CMS
Runoff	15.15	45.82	56.33	31.53	150.84	213.99	507.31	41.54	18.08	11.63	11.77	4.72	1108.71 MCM
Momentary Peak	675.84 CMS. at 239.07 m. (MSL.) at 24.00 Hours , on Oct 6, 2007												
Runoff Yield	11.37 Liters/Second/Square KM.			Momentary Peak Yield				218.51 Liters/Second/Square KM.					

WATER YEAR : 2007

KHONG RIVER BASIN

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

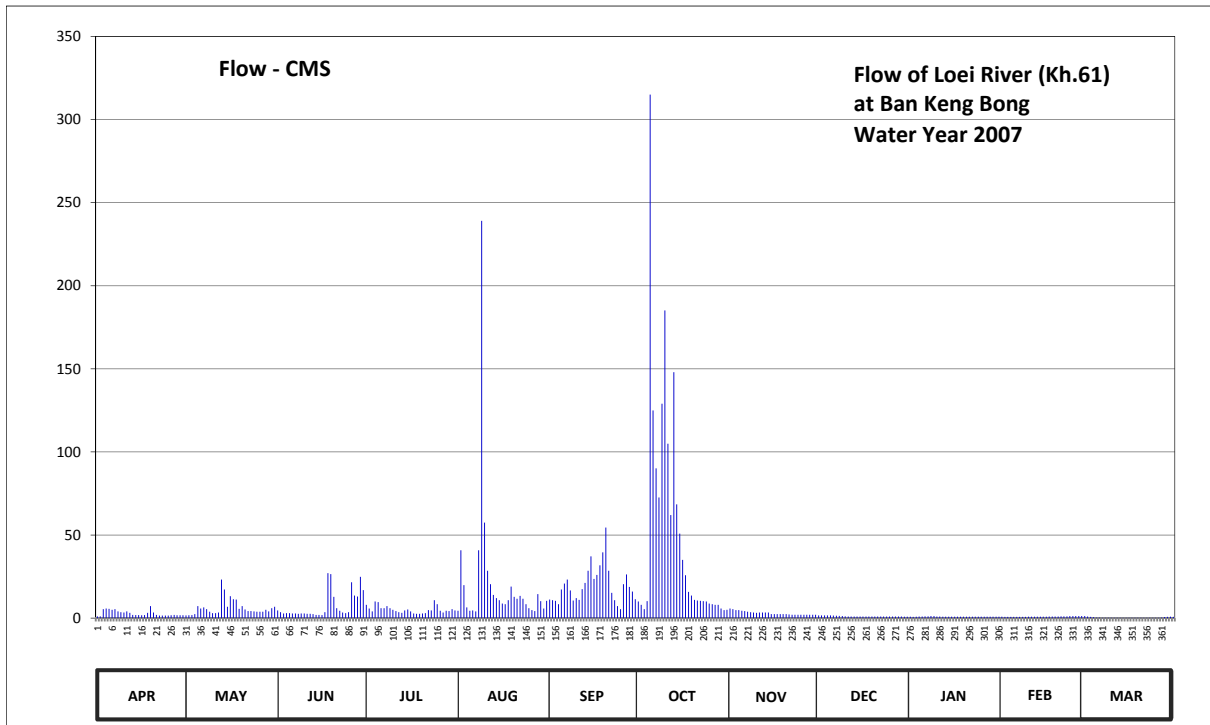
Lat 17 - 07 - 44 N Long 101 - 40 - 56 E

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 30 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	259.21	259.26	259.43	259.55	259.42	259.66	259.60	259.49	259.26	259.17	259.17	259.22	
2	259.21	259.27	259.38	259.49	260.96	259.64	259.55	259.47	259.26	259.16	259.16	259.20	
3	259.47	259.28	259.34	259.40	260.09	259.62	259.47	259.44	259.26	259.18	259.16	259.16	
4	259.49	259.32	259.35	259.60	259.51	259.56	259.61	259.44	259.26	259.19	259.16	259.12	
5	259.48	259.53	259.35	259.59	259.42	259.96	264.04	259.42	259.26	259.20	259.16	259.06	
6	259.45	259.49	259.34	259.50	259.43	260.14	262.32	259.41	259.25	259.21	259.16	259.06	
7	259.47	259.51	259.34	259.50	259.40	260.26	261.93	259.39	259.24	259.21	259.16	259.04	
8	259.40	259.47	259.33	259.53	260.96	259.93	261.68	259.38	259.23	259.22	259.16	259.04	
9	259.38	259.39	259.34	259.50	263.40	259.63	262.36	259.37	259.22	259.22	259.16	259.04	
10	259.37	259.35	259.34	259.45	261.41	259.70	262.91	259.36	259.21	259.20	259.17	259.04	
11	259.40	259.35	259.33	259.41	260.50	259.65	262.11	259.37	259.20	259.19	259.17	259.04	
12	259.36	259.37	259.33	259.38	260.12	259.97	261.50	259.37	259.20	259.18	259.17	259.04	
13	259.29	260.26	259.32	259.36	259.80	260.16	262.55	259.37	259.19	259.18	259.17	259.04	
14	259.28	259.96	259.29	259.43	259.70	260.50	261.62	259.37	259.19	259.18	259.17	259.04	
15	259.28	259.52	259.29	259.46	259.64	260.84	261.27	259.32	259.19	259.18	259.18	259.04	
16	259.27	259.76	259.28	259.40	259.57	260.28	260.76	259.32	259.19	259.18	259.18	259.04	
17	259.28	259.67	259.38	259.34	259.56	260.40	260.39	259.32	259.19	259.18	259.19	259.04	
18	259.36	259.66	260.44	259.33	259.64	260.63	259.89	259.32	259.19	259.18	259.19	259.04	
19	259.53	259.48	260.42	259.33	260.05	260.92	259.78	259.32	259.19	259.18	259.20	259.04	
20	259.37	259.53	259.74	259.34	259.74	261.35	259.65	259.32	259.19	259.18	259.20	259.04	
21	259.29	259.46	259.50	259.35	259.68	260.50	259.63	259.31	259.20	259.18	259.21	259.04	
22	259.25	259.41	259.42	259.44	259.77	259.86	259.62	259.30	259.20	259.18	259.21	259.04	
23	259.25	259.41	259.37	259.43	259.68	259.64	259.61	259.30	259.20	259.17	259.21	259.04	
24	259.25	259.40	259.35	259.64	259.56	259.53	259.60	259.30	259.20	259.17	259.22	259.04	
25	259.25	259.39	259.38	259.56	259.50	259.47	259.57	259.30	259.20	259.17	259.22	259.04	
26	259.27	259.39	260.18	259.42	259.44	260.12	259.56	259.30	259.20	259.17	259.22	259.04	
27	259.29	259.39	259.78	259.37	259.41	260.41	259.55	259.30	259.20	259.17	259.22	259.05	
28	259.27	259.45	259.75	259.42	259.82	260.04	259.55	259.30	259.19	259.17	259.22	259.13	
29	259.27	259.40	260.34	259.41	259.61	259.90	259.49	259.30	259.19	259.17	259.22	259.15	
30	259.27	259.50	259.94	259.47	259.49	259.67	259.44	259.30	259.18	259.17	259.22	259.17	
31		259.52		259.43	259.62		259.45		259.18	259.17		259.15	
Mean	259.33	259.49	259.55	259.45	259.93	260.06	260.58	259.35	259.21	259.18	259.19	259.07	
Max	259.53	260.26	260.44	259.64	263.40	261.35	264.04	259.49	259.26	259.22	259.22	259.22	264.04
Min	259.21	259.26	259.28	259.33	259.40	259.47	259.44	259.30	259.18	259.16	259.16	259.04	
Annual Max Momentary Gage Height	264.65		m. (MSL.) ,				at 15.00 Hours , on Oct 5 , 2007						
Zero Gage at Bottom Elevation	258.36		m. (MSL.) ,			River Bed	258.71	m. (MSL.)					
Left Bank Elevation		271.80		m. (MSL.) ,									
Right Bank Elevation		271.79		m. (MSL.) ,		Drainage Are	549	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.10	1.60	4.60	8.00	4.40	11.20	10.00	5.80	1.60	0.85	0.85	1.20	
2	1.10	1.70	3.60	5.80	40.80	10.80	8.00	5.40	1.60	0.80	0.80	1.00	
3	5.40	1.80	2.80	4.00	19.80	10.40	5.40	4.80	1.60	0.90	0.80	0.80	
4	5.80	2.40	3.00	10.00	6.40	8.40	10.20	4.80	1.60	0.95	0.80	0.60	
5	5.60	7.20	3.00	9.60	4.40	17.20	315.00	4.40	1.60	1.00	0.80	0.30	
6	5.00	5.80	2.80	6.00	4.60	20.80	125.00	4.20	1.50	1.10	0.80	0.30	
7	5.40	6.40	2.80	6.00	4.00	23.20	90.10	3.80	1.40	1.10	0.80	0.20	
8	4.00	5.40	2.60	7.20	40.80	16.60	72.60	3.60	1.30	1.20	0.80	0.20	
9	3.60	3.80	2.80	6.00	239.00	10.60	129.00	3.40	1.20	1.20	0.80	0.20	
10	3.40	3.00	2.80	5.00	57.50	12.00	185.10	3.20	1.10	1.00	0.85	0.20	
11	4.00	3.00	2.60	4.20	28.50	11.00	104.90	3.40	1.00	0.95	0.85	0.20	
12	3.20	3.40	2.60	3.60	20.40	17.40	62.00	3.40	1.00	0.90	0.85	0.20	
13	1.90	23.20	2.40	3.20	14.00	21.20	148.00	3.40	0.95	0.90	0.85	0.20	
14	1.80	17.20	1.90	4.60	12.00	28.50	68.40	3.40	0.95	0.90	0.85	0.20	
15	1.80	6.80	1.90	5.20	10.80	37.20	50.80	2.40	0.95	0.90	0.90	0.20	
16	1.70	13.20	1.80	4.00	8.80	23.60	35.00	2.40	0.95	0.90	0.90	0.20	
17	1.80	11.40	3.60	2.80	8.40	26.00	25.80	2.40	0.95	0.90	0.95	0.20	
18	3.20	11.20	27.00	2.60	10.80	31.75	15.80	2.40	0.95	0.90	0.95	0.20	
19	7.20	5.60	26.50	2.60	19.00	39.60	13.60	2.40	0.95	0.90	1.00	0.20	
20	3.40	7.20	12.80	2.80	12.80	54.50	11.00	2.40	0.95	0.90	1.00	0.20	
21	1.90	5.20	6.00	3.00	11.60	28.50	10.60	2.20	1.00	0.90	1.10	0.20	
22	1.50	4.20	4.40	4.80	13.40	15.20	10.40	2.00	1.00	0.90	1.10	0.20	
23	1.50	4.20	3.40	4.60	11.60	10.80	10.20	2.00	1.00	0.85	1.10	0.20	
24	1.50	4.00	3.00	10.80	8.40	7.20	10.00	2.00	1.00	0.85	1.20	0.20	
25	1.50	3.80	3.60	8.40	6.00	5.40	8.80	2.00	1.00	0.85	1.20	0.20	
26	1.70	3.80	21.60	4.40	4.80	20.40	8.40	2.00	1.00	0.85	1.20	0.20	
27	1.90	3.80	13.60	3.40	4.20	26.25	8.00	2.00	1.00	0.85	1.20	0.25	
28	1.70	5.00	13.00	4.40	14.40	18.80	8.00	2.00	0.95	0.85	1.20	0.65	
29	1.70	4.00	24.80	4.20	10.20	16.00	5.80	2.00	0.95	0.85	1.20	0.75	
30	1.70	6.00	16.80	5.40	5.80	11.40	4.80	2.00	0.90	0.85		0.85	
31		6.80		4.60	10.40		5.00		0.90	0.85		0.75	
Total	87.00	192.10	224.10	161.20	668.00	591.90	1575.70	91.60	34.80	28.60	27.70	11.45	3694.15 CMSDAY
Mean	2.90	6.20	7.47	5.20	21.55	19.73	50.83	3.05	1.12	0.92	0.96	0.37	10.09 CMS
Max	7.20	23.20	27.00	10.80	239.00	54.50	315.00	5.80	1.60	1.20	1.20	1.20	315.00 CMS
Min	1.10	1.60	1.80	2.60	4.00	5.40	4.80	2.00	0.90	0.80	0.80	0.20	0.20 CMS
Runoff	7.52	16.60	19.36	13.93	57.72	51.14	136.14	7.91	3.01	2.47	2.39	0.99	319.17 MCM
Momentary Peak	393.50 CMS. at 264.65 m. (MSL.) at 15.00 Hours , on Oct 5, 2007												
Runoff Yield	18.44 Liters/Second/Square KM.			Momentary Peak Yield				716.76 Liters/Second/Square KM.					

WATER YEAR : 2007

KHONG RIVER BASIN

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

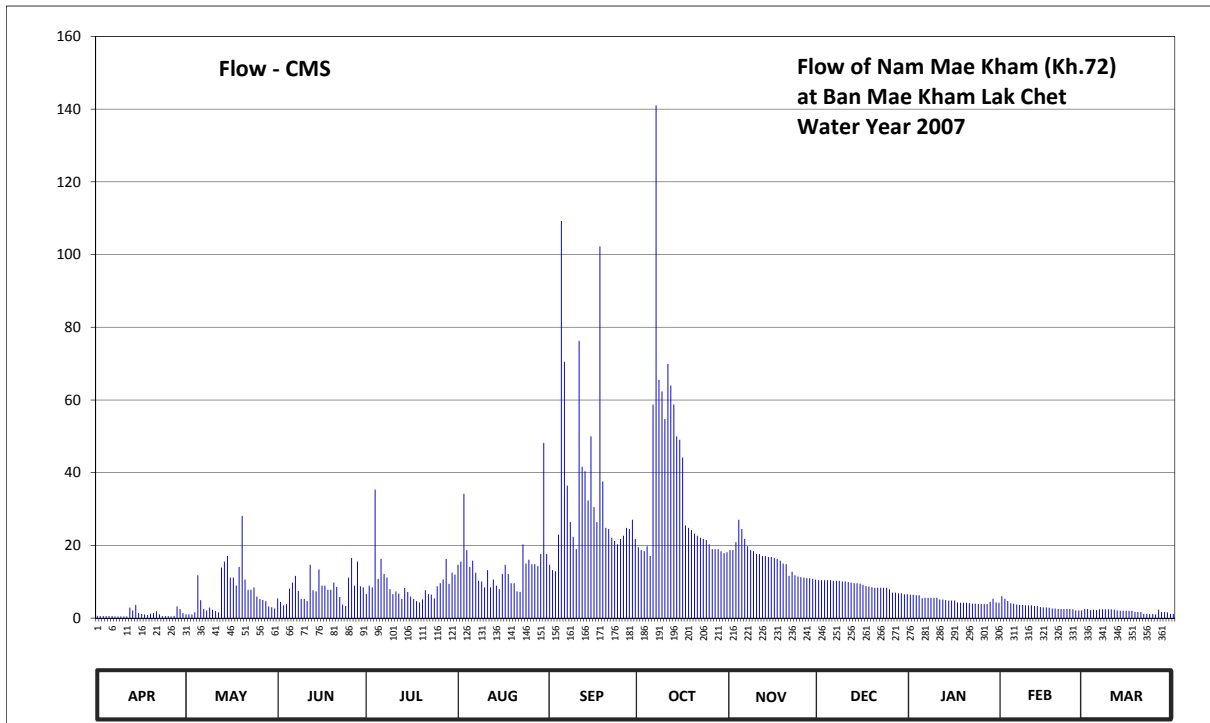
Lat 20 - 13 - 01 N Long 99 - 51 - 38 E

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	Fairly stable with variable water surface slope.		
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 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	393.90	393.96	394.41	394.50	394.98	394.98	395.17	395.14	394.92	394.66	394.63	394.34	
2	393.89	393.96	394.33	394.65	395.02	394.90	395.14	395.14	394.92	394.66	394.58	394.34	
3	393.89	393.95	394.25	394.62	395.62	394.88	395.13	395.22	394.92	394.65	394.53	394.31	
4	393.89	394.03	394.28	395.65	395.14	395.29	395.18	395.42	394.92	394.65	394.48	394.32	
5	393.89	394.82	394.60	394.76	394.95	397.00	395.08	395.34	394.92	394.59	394.47	394.31	
6	393.89	394.37	394.70	395.05	395.03	396.40	396.18	395.25	394.91	394.60	394.45	394.33	
7	393.88	394.15	394.81	394.84	394.86	395.68	397.42	395.18	394.91	394.60	394.44	394.33	
8	393.88	394.10	394.56	394.78	394.73	395.40	396.31	395.14	394.91	394.60	394.44	394.33	
9	393.88	394.19	394.40	394.59	394.72	395.27	396.25	395.13	394.90	394.60	394.43	394.33	
10	393.88	394.12	394.40	394.50	394.62	395.15	396.10	395.10	394.90	394.60	394.43	394.33	
11	393.88	394.08	394.35	394.55	394.90	396.50	396.39	395.10	394.89	394.56	394.43	394.32	
12	394.19	394.03	394.98	394.51	394.62	395.81	396.28	395.08	394.88	394.56	394.41	394.30	
13	394.10	394.94	394.57	394.40	394.75	395.78	396.18	395.08	394.87	394.55	394.41	394.29	
14	394.26	395.02	394.55	394.61	394.65	395.57	396.00	395.07	394.87	394.54	394.39	394.29	
15	394.00	395.08	394.91	394.54	394.59	396.00	395.98	395.07	394.86	394.54	394.38	394.29	
16	393.97	394.78	394.65	394.45	394.84	395.52	395.87	395.06	394.84	394.54	394.38	394.29	
17	393.95	394.78	394.65	394.40	394.98	395.40	395.37	395.05	394.82	394.50	394.37	394.29	
18	393.93	394.65	394.58	394.35	394.84	396.90	395.35	395.03	394.81	394.49	394.35	394.25	
19	393.98	394.95	394.58	394.32	394.69	395.71	395.33	395.00	394.80	394.49	394.35	394.25	
20	394.00	395.45	394.70	394.39	394.69	395.35	395.30	394.99	394.79	394.49	394.34	394.25	
21	394.07	394.75	394.63	394.57	394.55	395.34	395.28	394.99	394.79	394.48	394.34	394.20	
22	393.95	394.58	394.44	394.50	394.54	395.26	395.26	395.04	394.79	394.47	394.34	394.20	
23	393.89	394.58	394.27	394.49	395.20	395.23	395.25	395.00	394.79	394.47	394.34	394.19	
24	393.89	394.62	394.23	394.41	395.00	395.20	395.24	394.98	394.79	394.46	394.34	394.19	
25	393.89	394.45	394.78	394.64	395.04	395.25	395.20	394.97	394.76	394.46	394.33	394.17	
26	393.88	394.40	395.06	394.69	394.99	395.28	395.15	394.96	394.70	394.46	394.30	394.32	
27	393.90	394.38	394.65	394.75	394.99	395.35	395.15	394.95	394.70	394.46	394.30	394.25	
28	394.22	394.35	395.02	395.05	394.96	395.34	395.15	394.95	394.69	394.51	394.30	394.25	
29	394.14	394.22	394.64	394.68	395.10	395.42	395.13	394.94	394.69	394.58	394.35	394.24	
30	394.00	394.20	394.62	394.86	395.96	395.25	395.11	394.93	394.67	394.50		394.20	
31		394.16		394.83	395.10		395.12		394.67	394.49		394.20	
Mean	393.97	394.45	394.59	394.64	394.92	395.55	395.58	395.08	394.83	394.54	394.40	394.27	
Max	394.26	395.45	395.06	395.65	395.96	397.00	397.42	395.42	394.92	394.66	394.63	394.34	397.42
Min	393.88	393.95	394.23	394.32	394.54	394.88	395.08	394.93	394.67	394.46	394.30	394.17	393.88
Annual Max Momentary Gage Height	397.58		m. (MSL.) ,			at 06.00 Hours ,	on Oct 7, 2007						
Zero Gage at Bottom Elevation	393.40		m. (MSL.) ,			River Bed	393.78	m. (MSL.)					
Left Bank Elevation		399.63		m. (MSL.) ,									
Right Bank Elevation		399.64		m. (MSL.) ,		Drainage Are	667	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.63	1.06	5.41	6.60	14.64	14.64	19.49	18.68	10.42	6.43	6.01	2.52	
2	0.57	1.06	4.42	8.93	15.52	13.20	18.68	18.68	10.42	6.43	5.34	2.52	
3	0.57	0.99	3.53	8.43	34.20	12.85	18.41	20.89	10.42	6.29	4.70	2.21	
4	0.57	1.58	3.84	35.33	18.68	22.96	19.76	27.08	10.42	6.29	4.09	2.31	
5	0.57	11.80	8.10	10.77	14.10	109.25	17.08	24.51	10.42	5.47	3.97	2.21	
6	0.57	4.91	9.75	16.30	15.78	70.50	58.75	21.78	10.25	5.60	3.74	2.42	
7	0.50	2.55	11.63	12.15	12.50	36.45	141.07	19.76	10.25	5.60	3.62	2.42	
8	0.50	2.10	7.50	11.11	10.26	26.40	65.55	18.68	10.25	5.60	3.62	2.42	
9	0.50	2.91	5.28	7.95	10.09	22.37	62.38	18.41	10.08	5.60	3.51	2.42	
10	0.50	2.28	5.28	6.60	8.43	18.95	54.75	17.60	10.08	5.60	3.51	2.42	
11	0.50	1.95	4.67	7.35	13.20	76.25	69.95	17.60	9.92	5.09	3.51	2.31	
12	2.91	1.58	14.64	6.75	8.43	41.63	63.95	17.08	9.76	5.09	3.28	2.10	
13	2.10	13.92	7.65	5.28	10.60	40.40	58.75	17.08	9.61	4.96	3.28	2.01	
14	3.63	15.52	7.35	8.27	8.93	32.36	50.00	16.82	9.61	4.83	3.05	2.01	
15	1.35	17.08	13.38	7.20	7.95	50.00	49.09	16.82	9.45	4.83	2.95	2.01	
16	1.13	11.11	8.93	5.94	12.15	30.53	44.18	16.56	9.13	4.83	2.95	2.01	
17	0.99	11.11	8.93	5.28	14.64	26.40	25.46	16.30	8.82	4.32	2.84	2.01	
18	0.85	8.93	7.80	4.67	12.15	102.25	24.83	15.78	8.66	4.20	2.63	1.65	
19	1.21	14.10	7.80	4.30	9.59	37.60	24.20	15.00	8.50	4.20	2.63	1.65	
20	1.35	28.10	9.75	5.16	9.59	24.83	23.25	14.82	8.35	4.20	2.52	1.65	
21	1.88	10.60	8.60	7.65	7.35	24.51	22.66	11.63	8.35	4.09	2.52	1.20	
22	0.99	7.80	5.81	6.60	7.20	22.07	22.07	12.78	8.35	3.97	2.52	1.20	
23	0.57	7.80	3.74	6.47	20.30	21.19	21.78	11.80	8.35	3.97	2.52	1.14	
24	0.57	8.43	3.32	5.41	15.00	20.30	21.48	11.46	8.35	3.86	2.52	1.14	
25	0.57	5.94	11.11	8.76	16.04	21.78	20.30	11.28	7.89	3.86	2.42	1.01	
26	0.50	5.28	16.56	9.59	14.82	22.66	18.95	11.11	6.98	3.86	2.10	2.31	
27	0.63	5.03	8.93	10.60	14.82	24.83	18.95	10.94	6.98	3.86	2.10	1.65	
28	3.21	4.67	15.52	16.30	14.28	24.51	18.95	10.94	6.84	4.45	2.10	1.65	
29	2.46	3.21	8.76	9.42	17.60	27.08	18.41	10.77	6.84	5.34	2.63	1.56	
30	1.35	3.00	8.43	12.50	48.18	21.78	17.87	10.60	6.57	4.32		1.20	
31		2.64		11.98	17.60		18.14		6.57	4.20		1.20	
Total	34.23	219.04	246.42	289.65	454.62	1040.53	1129.14	483.24	276.89	151.24	93.18	58.54	4476.72 CMSDAY
Mean	1.14	7.07	8.21	9.34	14.67	34.68	36.42	16.11	8.93	4.88	3.21	1.89	12.23 CMS
Max	3.63	28.10	16.56	35.33	48.18	109.25	141.07	27.08	10.42	6.43	6.01	2.52	141.07 CMS
Min	0.50	0.99	3.32	4.30	7.20	12.85	17.08	10.60	6.57	3.86	2.10	1.01	0.50 CMS
Runoff	2.96	18.93	21.29	25.03	39.28	89.90	97.56	41.75	23.92	13.07	8.05	5.06	386.79 MCM
Momentary Peak		153.67 CMS.											at 397.58 m. (MSL.) at 06.00 Hours , on Oct 7, 2007
Runoff Yield		18.39											Liters/Second/Square KM. Momentary Peak Yield 230.39 Liters/Second/Square KM.

WATER YEAR : 2007

KHONG RIVER BASIN

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

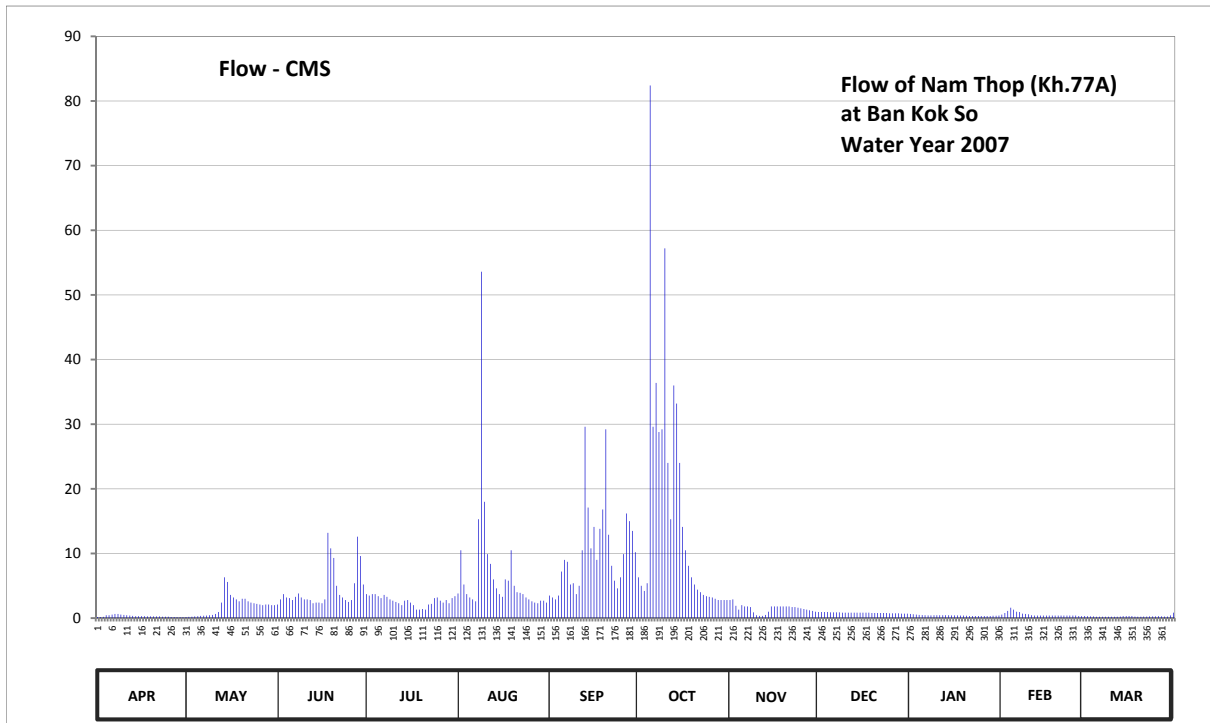
Lat 17 - 15 - 46 N Long 101 - 39 - 28 E

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 means 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	No overbank flow.					
General Description	Records good. The cataract situated downstream from the gage site. Stage-discharge relation defined by 30 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	261.17	261.17	261.51	261.67	261.68	261.65	261.81	261.58	261.39	261.33	261.31	261.23	
2	261.17	261.18	261.59	261.65	261.95	261.62	261.75	261.59	261.39	261.32	261.36	261.22	
3	261.18	261.19	261.67	261.67	261.76	261.59	261.71	261.49	261.39	261.31	261.41	261.21	
4	261.28	261.21	261.62	261.67	261.67	261.65	261.77	261.43	261.39	261.30	261.46	261.21	
5	261.28	261.22	261.61	261.64	261.62	261.84	263.49	261.50	261.38	261.29	261.43	261.19	
6	261.31	261.24	261.58	261.61	261.59	261.90	262.49	261.48	261.38	261.28	261.40	261.19	
7	261.33	261.25	261.63	261.66	261.56	261.89	262.66	261.48	261.38	261.27	261.39	261.19	
8	261.33	261.26	261.68	261.63	262.11	261.76	262.47	261.47	261.38	261.27	261.34	261.19	
9	261.31	261.28	261.62	261.59	263.01	261.77	262.48	261.38	261.37	261.28	261.33	261.19	
10	261.30	261.30	261.59	261.57	262.20	261.67	263.07	261.28	261.37	261.28	261.32	261.19	
11	261.28	261.33	261.59	261.55	261.93	261.75	262.35	261.24	261.37	261.28	261.28	261.19	
12	261.26	261.39	261.58	261.53	261.88	261.95	262.11	261.24	261.37	261.28	261.26	261.19	
13	261.24	261.54	261.53	261.50	261.80	262.49	262.65	261.30	261.37	261.28	261.26	261.20	
14	261.22	261.81	261.54	261.57	261.73	262.17	262.58	261.40	261.37	261.28	261.26	261.23	
15	261.22	261.78	261.54	261.58	261.67	261.96	262.35	261.48	261.37	261.27	261.26	261.23	
16	261.22	261.66	261.53	261.54	261.63	262.07	262.07	261.48	261.37	261.27	261.26	261.23	
17	261.22	261.62	261.59	261.50	261.80	261.90	261.95	261.48	261.37	261.27	261.26	261.23	
18	261.21	261.59	262.04	261.43	261.79	262.06	261.87	261.48	261.37	261.26	261.26	261.20	
19	261.21	261.56	261.96	261.43	261.95	262.16	261.81	261.48	261.36	261.26	261.26	261.19	
20	261.21	261.60	261.91	261.44	261.75	262.48	261.76	261.48	261.36	261.25	261.26	261.19	
21	261.21	261.60	261.75	261.43	261.70	262.03	261.72	261.48	261.36	261.23	261.26	261.20	
22	261.21	261.56	261.66	261.51	261.69	261.87	261.70	261.47	261.36	261.23	261.26	261.20	
23	261.19	261.54	261.62	261.52	261.67	261.79	261.66	261.47	261.36	261.23	261.26	261.21	
24	261.19	261.53	261.58	261.61	261.62	261.73	261.64	261.46	261.36	261.23	261.26	261.21	
25	261.19	261.52	261.55	261.62	261.59	261.81	261.63	261.45	261.35	261.23	261.26	261.21	
26	261.17	261.51	261.58	261.57	261.56	261.93	261.62	261.44	261.35	261.23	261.26	261.22	
27	261.17	261.50	261.77	261.54	261.54	262.14	261.60	261.43	261.35	261.23	261.23	261.21	
28	261.16	261.51	262.02	261.58	261.53	262.10	261.58	261.42	261.35	261.23	261.22	261.20	
29	261.16	261.51	261.92	261.53	261.57	262.05	261.58	261.41	261.34	261.25	261.22	261.20	
30	261.16	261.50	261.76	261.61	261.57	261.94	261.58	261.40	261.34	261.25	261.25	261.27	
31		261.50		261.64	261.54		261.58		261.34	261.26		261.37	
Mean	261.23	261.45	261.67	261.57	261.76	261.92	262.04	261.44	261.37	261.27	261.30	261.21	
Max	261.33	261.81	262.04	261.67	263.01	262.49	263.49	261.59	261.39	261.33	261.46	261.37	263.49
Min	261.16	261.17	261.51	261.43	261.53	261.59	261.58	261.24	261.34	261.23	261.22	261.19	261.16
Annual Max Momentary Gage Height	264.07		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	260.98		m. (MSL.) ,			River Bed	260.79		m. (MSL)				
Left Bank Elevation	268.62		m. (MSL.) ,										
Right Bank Elevation	268.67		m. (MSL.) ,		Drainage Are	156	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	0.18	2.10	3.70	3.80	3.50	6.30	2.80	0.95	0.65	0.55	0.33	
2	0.18	0.20	2.90	3.50	10.50	3.20	5.00	2.90	0.95	0.60	0.80	0.30	
3	0.20	0.23	3.70	3.70	5.20	2.90	4.20	1.90	0.95	0.55	1.10	0.28	
4	0.45	0.28	3.20	3.70	3.70	3.50	5.40	1.30	0.95	0.50	1.60	0.28	
5	0.45	0.30	3.10	3.40	3.20	7.20	82.40	2.00	0.90	0.48	1.30	0.23	
6	0.55	0.35	2.80	3.10	2.90	9.00	29.60	1.80	0.90	0.45	1.00	0.23	
7	0.65	0.38	3.30	3.60	2.60	8.70	36.40	1.80	0.90	0.43	0.95	0.23	
8	0.65	0.40	3.80	3.30	15.30	5.20	28.80	1.70	0.90	0.43	0.70	0.23	
9	0.55	0.45	3.20	2.90	53.60	5.40	29.20	0.90	0.85	0.45	0.65	0.23	
10	0.50	0.50	2.90	2.70	18.00	3.70	57.20	0.45	0.85	0.45	0.60	0.23	
11	0.45	0.65	2.90	2.50	9.90	5.00	24.00	0.35	0.85	0.45	0.45	0.23	
12	0.40	0.95	2.80	2.30	8.40	10.50	15.30	0.35	0.85	0.45	0.40	0.23	
13	0.35	2.40	2.30	2.00	6.00	29.60	36.00	0.50	0.85	0.45	0.40	0.25	
14	0.30	6.30	2.40	2.70	4.60	17.10	33.20	1.00	0.85	0.45	0.40	0.33	
15	0.30	5.60	2.40	2.80	3.70	10.80	24.00	1.80	0.85	0.43	0.40	0.33	
16	0.30	3.60	2.30	2.40	3.30	14.10	14.10	1.80	0.85	0.43	0.40	0.33	
17	0.30	3.20	2.90	2.00	6.00	9.00	10.50	1.80	0.85	0.43	0.40	0.33	
18	0.28	2.90	13.20	1.30	5.80	13.80	8.10	1.80	0.85	0.40	0.40	0.25	
19	0.28	2.60	10.80	1.30	10.50	16.80	6.30	1.80	0.80	0.40	0.40	0.23	
20	0.28	3.00	9.30	1.40	5.00	29.20	5.20	1.80	0.80	0.38	0.40	0.23	
21	0.28	3.00	5.00	1.30	4.00	12.90	4.40	1.80	0.80	0.33	0.40	0.25	
22	0.28	2.60	3.60	2.10	3.90	8.10	4.00	1.70	0.80	0.33	0.40	0.25	
23	0.23	2.40	3.20	2.20	3.70	5.80	3.60	1.70	0.80	0.33	0.40	0.28	
24	0.23	2.30	2.80	3.10	3.20	4.60	3.40	1.60	0.80	0.33	0.40	0.28	
25	0.23	2.20	2.50	3.20	2.90	6.30	3.30	1.50	0.75	0.33	0.40	0.28	
26	0.18	2.10	2.80	2.70	2.60	9.90	3.20	1.40	0.75	0.33	0.40	0.30	
27	0.18	2.00	5.40	2.40	2.40	16.20	3.00	1.30	0.75	0.33	0.33	0.28	
28	0.15	2.10	12.60	2.80	2.30	15.00	2.80	1.20	0.75	0.33	0.30	0.25	
29	0.15	2.10	9.60	2.30	2.70	13.50	2.80	1.10	0.70	0.38	0.30	0.25	
30	0.15	2.00	5.20	3.10	2.70	10.20	2.80	1.00	0.70	0.38		0.43	
31		2.00		3.40	2.40		2.80		0.70	0.40		0.85	
Total	9.66	59.27	135.00	82.90	214.80	310.70	497.30	44.85	25.80	13.06	16.63	9.01	1418.98 CMSDAY
Mean	0.32	1.91	4.50	2.67	6.93	10.36	16.04	1.50	0.83	0.42	0.57	0.29	3.88 CMS
Max	0.65	6.30	13.20	3.70	53.60	29.60	82.40	2.90	0.95	0.65	1.60	0.85	82.40 CMS
Min	0.15	0.18	2.10	1.30	2.30	2.90	2.80	0.35	0.70	0.33	0.30	0.23	0.15 CMS
Runoff	0.83	5.12	11.66	7.16	18.56	26.84	42.97	3.88	2.23	1.13	1.44	0.78	122.60 MCM
Momentary Peak	124.25 CMS. at 264.07 m. (MSL.) at 09.00 Hours , on Oct 5 , 2007												
Runoff Yield	24.92 Liters/Second/Square KM.			Momentary Peak Yield				796.47 Liters/Second/Square KM.					

WATER YEAR : 2007

KHONG RIVER BASIN

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

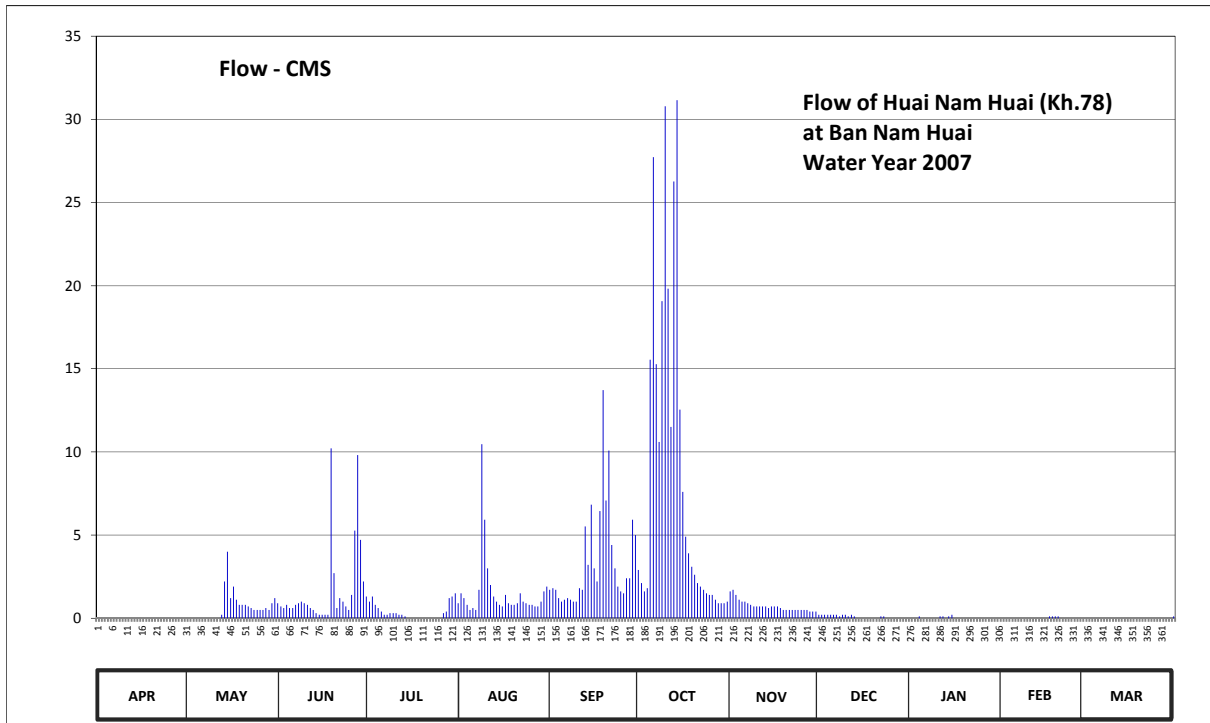
Lat 17 - 23 - 00 N Long 101 - 42 - 40 E

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 14 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	247.72	248.08	248.49	248.53	248.49	248.57	248.69	248.56	248.42	248.39	248.40	248.32	
2	247.73	248.10	248.47	248.50	248.55	248.58	248.61	248.57	248.42	248.40	248.40	248.33	
3	247.75	248.13	248.46	248.53	248.52	248.57	248.56	248.54	248.42	248.40	248.40	248.35	
4	247.75	248.17	248.48	248.48	248.48	248.52	248.58	248.51	248.42	248.41	248.40	248.37	
5	247.76	248.17	248.46	248.46	248.45	248.50	249.71	248.50	248.42	248.40	248.40	248.37	
6	247.78	248.18	248.46	248.44	248.46	248.51	250.54	248.50	248.42	248.38	248.40	248.37	
7	247.80	248.18	248.48	248.42	248.45	248.52	249.69	248.49	248.42	248.38	248.40	248.37	
8	247.80	248.19	248.49	248.42	248.57	248.51	249.33	248.48	248.41	248.39	248.40	248.37	
9	247.81	248.20	248.50	248.43	249.32	248.50	249.97	248.47	248.42	248.39	248.40	248.37	
10	247.83	248.26	248.49	248.43	248.97	248.50	250.71	248.47	248.42	248.38	248.40	248.37	
11	247.88	248.31	248.48	248.43	248.70	248.58	250.02	248.47	248.41	248.41	248.40	248.37	
12	247.92	248.37	248.46	248.42	248.60	248.57	249.40	248.47	248.42	248.41	248.40	248.37	
13	247.93	248.42	248.45	248.42	248.53	248.94	250.45	248.47	248.41	248.40	248.40	248.37	
14	247.97	248.62	248.43	248.41	248.50	248.72	250.73	248.46	248.40	248.41	248.40	248.37	
15	247.97	248.80	248.42	248.40	248.48	249.04	249.48	248.47	248.38	248.42	248.40	248.37	
16	247.97	248.52	248.42	248.40	248.47	248.70	249.10	248.47	248.40	248.40	248.40	248.38	
17	247.97	248.59	248.42	248.38	248.54	248.62	248.89	248.47	248.40	248.40	248.41	248.38	
18	247.98	248.51	248.42	248.37	248.49	249.01	248.79	248.46	248.39	248.39	248.41	248.38	
19	248.00	248.48	249.30	248.37	248.48	249.57	248.71	248.45	248.39	248.40	248.41	248.39	
20	248.01	248.48	248.67	248.39	248.48	249.06	248.66	248.45	248.39	248.40	248.41	248.39	
21	248.02	248.48	248.46	248.39	248.49	249.29	248.61	248.45	248.40	248.40	248.39	248.39	
22	248.02	248.47	248.52	248.39	248.55	248.84	248.59	248.45	248.41	248.40	248.39	248.39	
23	248.02	248.46	248.50	248.39	248.50	248.70	248.57	248.45	248.41	248.39	248.37	248.39	
24	248.02	248.45	248.47	248.39	248.49	248.59	248.55	248.45	248.40	248.39	248.37	248.39	
25	248.05	248.45	248.45	248.39	248.48	248.56	248.54	248.45	248.40	248.38	248.36	248.39	
26	248.06	248.45	248.54	248.38	248.48	248.55	248.54	248.45	248.39	248.38	248.35	248.38	
27	248.07	248.45	248.92	248.43	248.47	248.64	248.51	248.45	248.39	248.38	248.34	248.38	
28	248.07	248.46	249.27	248.44	248.47	248.64	248.49	248.44	248.39	248.39	248.32	248.38	
29	248.07	248.45	248.87	248.52	248.50	248.97	248.49	248.44	248.38	248.40	248.31	248.38	
30	248.07	248.49	248.62	248.53	248.56	248.90	248.49	248.44	248.38	248.40	248.40	248.40	
31		248.52		248.55	248.59		248.50		248.38	248.40		248.41	
Mean	247.93	248.38	248.56	248.43	248.55	248.73	249.11	248.47	248.40	248.40	248.39	248.38	
Max	248.07	248.80	249.30	248.55	249.32	249.57	250.73	248.57	248.42	248.42	248.41	248.41	250.73
Min	247.72	248.08	248.42	248.37	248.45	248.50	248.49	248.44	248.38	248.38	248.31	248.32	247.72
Annual Max Momentary Gage Height	251.58		m. (MSL.) ,				at 07.00 Hours ,						
Zero Gage at Bottom Elevation	246.22		m. (MSL.) ,			River Bed	247.36		m. (MSL.)				
Left Bank Elevation		256.25		m. (MSL.) ,									
Right Bank Elevation		256.22		m. (MSL.) ,		Drainage Are	219		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.90	1.30	0.90	1.70	2.90	1.60	0.20	0.00	0.00	0.00	
2	0.00	0.00	0.70	1.00	1.50	1.80	2.10	1.70	0.20	0.00	0.00	0.00	
3	0.00	0.00	0.60	1.30	1.20	1.70	1.60	1.40	0.20	0.00	0.00	0.00	
4	0.00	0.00	0.80	0.80	0.80	1.20	1.80	1.10	0.20	0.10	0.00	0.00	
5	0.00	0.00	0.60	0.60	0.50	1.00	15.53	1.00	0.20	0.00	0.00	0.00	
6	0.00	0.00	0.60	0.40	0.60	1.10	27.72	1.00	0.20	0.00	0.00	0.00	
7	0.00	0.00	0.80	0.20	0.50	1.20	15.27	0.90	0.20	0.00	0.00	0.00	
8	0.00	0.00	0.90	0.20	1.70	1.10	10.59	0.80	0.10	0.00	0.00	0.00	
9	0.00	0.00	1.00	0.30	10.46	1.00	19.05	0.70	0.20	0.00	0.00	0.00	
10	0.00	0.00	0.90	0.30	5.91	1.00	30.78	0.70	0.20	0.00	0.00	0.00	
11	0.00	0.00	0.80	0.30	3.00	1.80	19.80	0.70	0.10	0.10	0.00	0.00	
12	0.00	0.00	0.60	0.20	2.00	1.70	11.50	0.70	0.20	0.10	0.00	0.00	
13	0.00	0.20	0.50	0.20	1.30	5.52	26.25	0.70	0.10	0.00	0.00	0.00	
14	0.00	2.20	0.30	0.10	1.00	3.20	31.14	0.60	0.00	0.10	0.00	0.00	
15	0.00	4.00	0.20	0.00	0.80	6.82	12.54	0.70	0.00	0.20	0.00	0.00	
16	0.00	1.20	0.20	0.00	0.70	3.00	7.60	0.70	0.00	0.00	0.00	0.00	
17	0.00	1.90	0.20	0.00	1.40	2.20	4.90	0.70	0.00	0.00	0.10	0.00	
18	0.00	1.10	0.20	0.00	0.90	6.43	3.90	0.60	0.00	0.00	0.10	0.00	
19	0.00	0.80	10.20	0.00	0.80	13.71	3.10	0.50	0.00	0.00	0.10	0.00	
20	0.00	0.80	2.70	0.00	0.80	7.08	2.60	0.50	0.00	0.00	0.10	0.00	
21	0.00	0.80	0.60	0.00	0.90	10.07	2.10	0.50	0.00	0.00	0.00	0.00	
22	0.00	0.70	1.20	0.00	1.50	4.40	1.90	0.50	0.10	0.00	0.00	0.00	
23	0.00	0.60	1.00	0.00	1.00	3.00	1.70	0.50	0.10	0.00	0.00	0.00	
24	0.00	0.50	0.70	0.00	0.90	1.90	1.50	0.50	0.00	0.00	0.00	0.00	
25	0.00	0.50	0.50	0.00	0.80	1.60	1.40	0.50	0.00	0.00	0.00	0.00	
26	0.00	0.50	1.40	0.00	0.80	1.50	1.40	0.50	0.00	0.00	0.00	0.00	
27	0.00	0.50	5.26	0.30	0.70	2.40	1.10	0.50	0.00	0.00	0.00	0.00	
28	0.00	0.60	9.81	0.40	0.70	2.40	0.90	0.40	0.00	0.00	0.00	0.00	
29	0.00	0.50	4.70	1.20	1.00	5.91	0.90	0.40	0.00	0.00	0.00	0.00	
30	0.00	0.90	2.20	1.30	1.60	5.00	0.90	0.40	0.00	0.00	0.00	0.00	
31		1.20		1.50	1.90		1.00		0.00	0.00		0.10	
Total	0.00	19.50	51.07	11.90	48.57	102.44	265.47	22.00	2.50	0.60	0.40	0.10	524.55 CMSDAY
Mean	0.00	0.63	1.70	0.38	1.57	3.41	8.56	0.73	0.08	0.02	0.01	0.00	1.43 CMS
Max	0.00	4.00	10.20	1.50	10.46	13.71	31.14	1.70	0.20	0.20	0.10	0.10	31.14 CMS
Min	0.00	0.00	0.20	0.00	0.50	1.00	0.90	0.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	1.68	4.41	1.03	4.20	8.85	22.94	1.90	0.22	0.05	0.03	0.01	45.32 MCM
Momentary Peak	47.60 CMS. at 251.58 m. (MSL.) at 07.00 Hours , on Oct 14, 2007												
Runoff Yield	6.56 Liters/Second/Square KM.			Momentary Peak Yield			217.35 Liters/Second/Square KM.						

WATER YEAR : 2007

KHONG RIVER BASIN

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

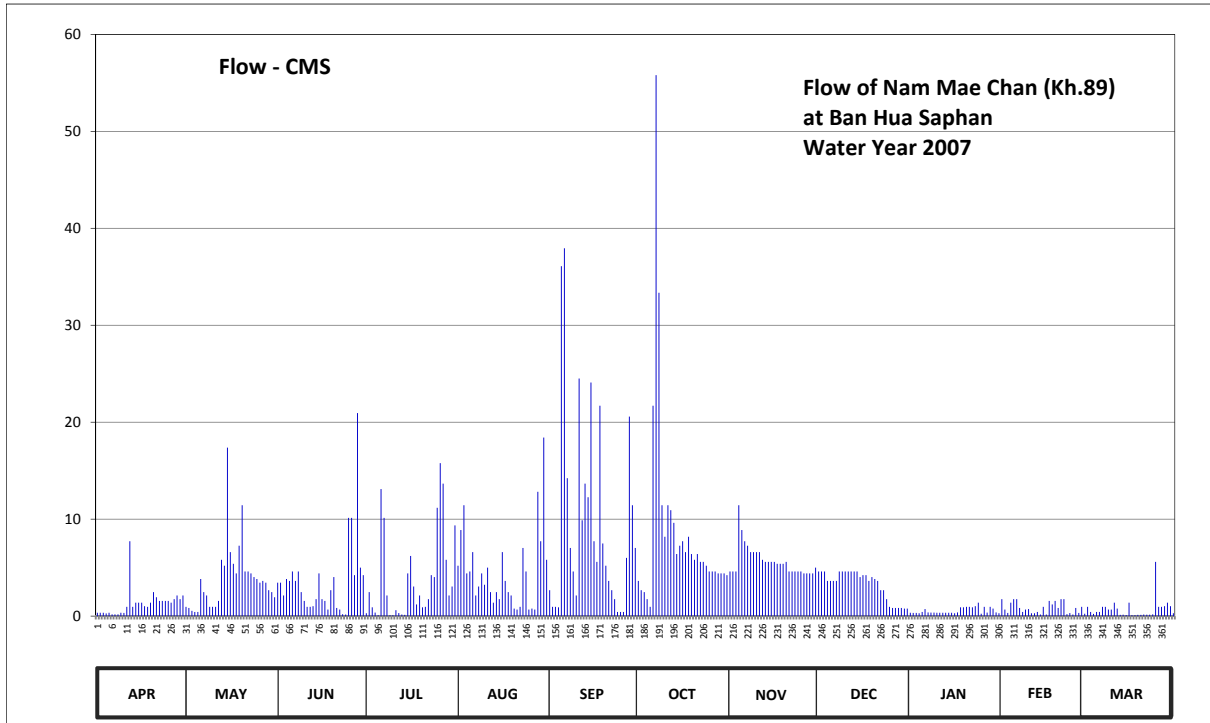
Lat 20 - 09 - 25 N Long 99 - 51 - 45 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The local weir situated about 300 meters downstream from the gage site. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	406.73	406.89	407.03	406.69	407.12	406.99	407.04	407.09	407.09	406.74	406.94	406.66	
2	406.74	406.87	407.03	406.98	407.29	406.89	406.99	407.09	407.09	406.72	406.84	406.89	
3	406.74	406.82	406.96	406.88	407.39	406.89	406.98	407.09	407.09	406.72	406.72	406.79	
4	406.68	406.79	407.05	406.75	407.08	406.88	406.94	407.39	407.04	406.69	406.92	406.64	
5	406.74	406.79	407.04	406.49	407.09	408.05	406.89	407.29	407.04	406.79	406.94	406.79	
6	406.60	407.05	407.09	407.45	407.19	408.09	407.71	407.24	407.04	406.85	406.94	406.80	
7	406.60	406.98	407.04	407.34	406.96	407.49	408.46	407.22	407.04	406.76	406.87	406.89	
8	406.60	406.96	407.09	406.96	407.01	407.21	407.99	407.19	407.09	406.75	406.79	406.89	
9	406.74	406.89	406.98	406.49	407.08	407.09	407.39	407.19	407.09	406.75	406.84	406.84	
10	406.72	406.89	406.93	406.47	407.02	406.96	407.26	407.19	407.09	406.73	406.85	406.84	
11	406.89	406.89	406.89	406.83	407.11	407.78	407.39	407.19	407.09	406.73	406.70	406.92	
12	407.24	406.93	406.89	406.71	406.98	407.33	407.37	407.15	407.09	406.73	406.69	406.86	
13	406.89	407.15	406.90	406.59	406.92	407.47	407.32	407.14	407.09	406.73	406.79	406.54	
14	406.92	407.12	406.94	406.54	406.98	407.42	407.18	407.14	407.09	406.73	406.59	406.56	
15	406.92	407.59	407.08	407.08	406.94	407.77	407.22	407.14	407.06	406.73	406.89	406.52	
16	406.92	407.19	406.94	407.17	407.19	407.24	407.24	407.14	407.07	406.69	406.59	406.92	
17	406.90	407.13	406.93	407.01	407.04	407.14	407.19	407.13	407.07	406.76	406.93	406.49	
18	406.89	407.08	406.84	406.91	406.98	407.71	407.26	407.13	407.04	406.88	406.91	406.49	
19	406.92	407.22	406.99	406.96	406.96	407.23	407.18	407.13	407.06	406.88	406.93	406.54	
20	406.98	407.39	407.06	406.88	406.86	407.12	407.15	407.14	407.05	406.89	406.87	406.54	
21	406.95	407.09	406.87	406.89	406.84	407.04	407.18	407.09	407.04	406.89	406.94	406.59	
22	406.93	407.09	406.84	406.94	406.89	406.99	407.14	407.09	406.99	406.88	406.94	406.56	
23	406.93	407.08	406.62	407.07	407.21	406.94	407.14	407.09	406.99	406.90	406.62	406.56	
24	406.93	407.06	406.57	407.06	407.09	406.79	407.12	407.09	406.94	406.92	406.71	406.60	
25	406.93	407.05	407.34	407.38	406.84	406.79	407.09	407.09	406.89	406.66	406.59	407.14	
26	406.92	407.03	407.34	407.54	406.86	406.79	407.09	407.08	406.87	406.89	406.87	406.89	
27	406.94	407.04	407.07	407.47	406.84	407.16	407.09	407.08	406.87	406.75	406.72	406.89	
28	406.96	407.03	407.69	407.15	407.44	407.68	407.08	407.08	406.87	406.89	406.89	406.90	
29	406.94	406.99	407.11	406.96	407.24	407.39	407.08	407.08	406.87	406.86	406.74	406.92	
30	406.96	406.98	407.07	407.01	407.62	407.21	407.08	407.11	406.86	406.86	406.76	406.90	
31		406.95		407.31	407.15		407.07		406.86	406.70		406.69	
Mean	406.86	407.03	407.01	406.97	407.07	407.25	407.24	407.14	407.01	406.79	406.81	406.74	
Max	407.24	407.59	407.69	407.54	407.62	408.09	408.46	407.39	407.09	406.92	406.94	407.14	408.46
Min	406.60	406.79	406.57	406.47	406.84	406.79	406.89	407.08	406.86	406.66	406.59	406.49	406.47
Annual Max Momentary Gage Height	408.49		m. (MSL.) ,			at 06.00 Hours ,	on Oct 7, 2007						
Zero Gage at Bottom Elevation	406.39		m. (MSL.) ,			River Bed	405.93	m. (MSL.)					
Left Bank Elevation		411.66		m. (MSL.) ,									
Right Bank Elevation		411.66		m. (MSL.) ,		Drainage Are	248	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.34	0.96	3.44	0.29	5.20	2.67	3.63	4.61	4.61	0.35	1.75	0.25	
2	0.35	0.84	3.44	2.48	8.87	0.96	2.67	4.61	4.61	0.33	0.67	0.96	
3	0.35	0.55	2.12	0.90	11.44	0.96	2.48	4.61	4.61	0.33	0.33	0.42	
4	0.28	0.42	3.83	0.37	4.41	0.90	1.75	11.44	3.63	0.29	1.39	0.23	
5	0.35	0.42	3.63	0.10	4.61	36.10	0.96	8.87	3.63	0.42	1.75	0.42	
6	0.18	3.83	4.61	13.10	6.60	37.94	21.70	7.72	3.63	0.73	1.75	0.43	
7	0.18	2.48	3.63	10.14	2.12	14.22	55.80	7.26	3.63	0.38	0.84	0.96	
8	0.18	2.12	4.61	2.12	3.05	7.03	33.36	6.60	4.61	0.37	0.42	0.96	
9	0.35	0.96	2.48	0.10	4.41	4.61	11.44	6.60	4.61	0.37	0.67	0.67	
10	0.33	0.96	1.57	0.09	3.24	2.12	8.18	6.60	4.61	0.34	0.73	0.67	
11	0.96	0.96	0.96	0.61	5.00	24.50	11.44	6.60	4.61	0.34	0.30	1.39	
12	7.72	1.57	0.96	0.31	2.48	9.88	10.92	5.80	4.61	0.34	0.29	0.78	
13	0.96	5.80	1.02	0.17	1.39	13.66	9.62	5.60	4.61	0.34	0.42	0.13	
14	1.39	5.20	1.75	0.13	2.48	12.26	6.40	5.60	4.61	0.34	0.17	0.15	
15	1.39	17.38	4.41	4.41	1.75	24.10	7.26	5.60	4.02	0.34	0.96	0.12	
16	1.39	6.60	1.75	6.20	6.60	7.72	7.72	5.60	4.22	0.29	0.17	1.39	
17	1.02	5.40	1.57	3.05	3.63	5.60	6.60	5.40	4.22	0.38	1.57	0.10	
18	0.96	4.41	0.67	1.20	2.48	21.70	8.18	5.40	3.63	0.90	1.20	0.10	
19	1.39	7.26	2.67	2.12	2.12	7.49	6.40	5.40	4.02	0.90	1.57	0.13	
20	2.48	11.44	4.02	0.90	0.78	5.20	5.80	5.60	3.83	0.96	0.84	0.13	
21	1.94	4.61	0.84	0.96	0.67	3.63	6.40	4.61	3.63	0.96	1.75	0.17	
22	1.57	4.61	0.67	1.75	0.96	2.67	5.60	4.61	2.67	0.90	1.75	0.15	
23	1.57	4.41	0.20	4.22	7.03	1.75	5.60	4.61	2.67	1.02	0.20	0.15	
24	1.57	4.02	0.16	4.02	4.61	0.42	5.20	4.61	1.75	1.39	0.31	0.18	
25	1.57	3.83	10.14	11.18	0.67	0.42	4.61	4.61	0.96	0.25	0.17	5.60	
26	1.39	3.44	10.14	15.78	0.78	0.42	4.61	4.41	0.84	0.96	0.84	0.96	
27	1.75	3.63	4.22	13.66	0.67	6.00	4.61	4.41	0.84	0.37	0.33	0.96	
28	2.12	3.44	20.94	5.80	12.82	20.58	4.41	4.41	0.84	0.96	0.96	1.02	
29	1.75	2.67	5.00	2.12	7.72	11.44	4.41	4.41	0.84	0.78	0.35	1.39	
30	2.12	2.48	4.22	3.05	18.42	7.03	4.41	5.00	0.78	0.38		1.02	
31		1.94		9.36	5.80		4.22		0.78	0.30		0.29	
Total	39.90	118.64	109.67	120.69	142.81	293.98	276.39	171.21	101.16	17.31	24.45	22.28	1438.49 CMSDAY
Mean	1.33	3.83	3.66	3.89	4.61	9.80	8.92	5.71	3.26	0.56	0.84	0.72	3.93 CMS
Max	7.72	17.38	20.94	15.78	18.42	37.94	55.80	11.44	4.61	1.39	1.75	5.60	55.80 CMS
Min	0.18	0.42	0.16	0.09	0.67	0.42	0.96	4.41	0.78	0.25	0.17	0.10	0.09 CMS
Runoff	3.45	10.25	9.48	10.43	12.34	25.40	23.88	14.79	8.74	1.50	2.11	1.92	124.29 MCM
Momentary Peak	57.30	CMS.	CMS.	at 408.49 m. (MSL.)	at 06.00 Hours	on Oct 7, 2007							
Runoff Yield	15.89	Liters/Second/Square KM.			Momentary Peak Yield	231.05	Liters/Second/Square KM.						

WATER YEAR : 2007

KHONG RIVER BASIN

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

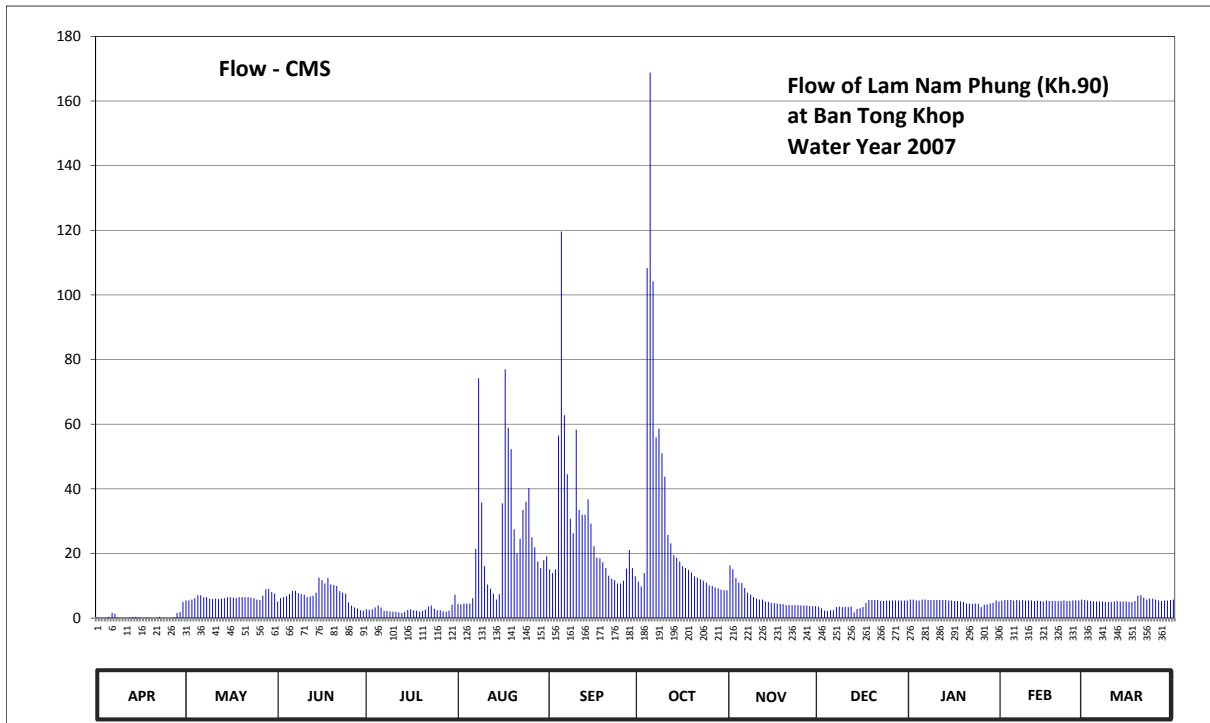
Lat 17 - 04 - 05 N Long 104 - 15 - 32 E

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	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	158.52	159.03	159.01	158.77	158.94	159.63	159.42	159.69	158.85	159.05	159.03	159.04	
2	158.50	159.03	159.08	158.75	158.93	159.57	159.32	159.63	158.80	159.05	159.04	159.03	
3	158.50	159.05	159.10	158.77	158.95	159.63	159.57	159.49	158.73	159.03	159.04	159.02	
4	158.51	159.08	159.12	158.83	158.95	161.35	162.83	159.40	158.72	159.03	159.04	159.01	
5	158.54	159.14	159.16	158.89	158.95	163.08	164.07	159.39	158.74	159.05	159.03	159.01	
6	158.67	159.14	159.23	158.83	159.08	161.56	162.73	159.29	158.74	159.05	159.04	159.01	
7	158.64	159.10	159.23	158.72	159.95	160.90	161.33	159.19	158.84	159.04	159.03	159.01	
8	158.52	159.10	159.18	158.72	161.92	160.35	161.42	159.15	158.86	159.04	159.04	159.00	
9	158.50	159.07	159.16	158.71	160.55	160.17	161.16	159.10	158.84	159.04	159.03	159.00	
10	158.50	159.06	159.15	158.70	159.68	161.41	160.87	159.07	158.85	159.04	159.03	159.00	
11	158.50	159.07	159.10	158.70	159.36	160.46	160.15	159.05	158.84	159.04	159.03	159.01	
12	158.52	159.06	159.11	158.68	159.27	160.40	160.03	159.05	158.86	159.04	159.02	159.02	
13	158.54	159.07	159.13	158.66	159.17	160.40	159.85	159.01	158.68	159.04	159.03	159.01	
14	158.54	159.08	159.19	158.70	159.05	160.59	159.81	159.00	158.78	159.03	159.02	159.01	
15	158.52	159.10	159.50	158.75	159.16	160.29	159.75	158.97	158.80	159.03	159.01	159.01	
16	158.50	159.10	159.45	158.77	160.54	159.99	159.68	158.96	158.84	159.02	159.03	159.00	
17	158.50	159.09	159.38	158.74	162.00	159.81	159.65	158.95	158.97	159.02	159.02	159.00	
18	158.51	159.08	159.49	158.73	161.43	159.80	159.62	158.94	159.04	159.01	159.02	159.02	
19	158.50	159.10	159.36	158.70	161.21	159.74	159.58	158.93	159.04	159.00	159.02	159.13	
20	158.50	159.10	159.35	158.72	160.22	159.65	159.52	158.90	159.04	158.95	159.02	159.14	
21	158.50	159.10	159.33	158.76	159.88	159.53	159.50	158.91	159.04	158.95	159.02	159.09	
22	158.54	159.10	159.22	158.86	160.10	159.48	159.47	158.90	159.02	158.94	159.03	159.05	
23	158.50	159.09	159.19	158.89	160.46	159.45	159.44	158.90	159.02	158.95	159.02	159.07	
24	158.50	159.08	159.17	158.79	160.56	159.38	159.40	158.90	159.03	158.94	159.02	159.07	
25	158.50	159.05	158.99	158.74	160.73	159.38	159.34	158.89	159.03	158.84	159.03	159.05	
26	158.50	159.04	158.89	158.74	160.12	159.44	159.33	158.89	159.03	158.91	159.03	159.03	
27	158.53	159.13	158.83	158.71	159.97	159.64	159.30	158.89	159.03	158.92	159.03	159.02	
28	158.66	159.26	158.79	158.70	159.75	159.93	159.28	158.87	159.03	158.95	159.05	159.03	
29	158.69	159.27	158.74	158.73	159.65	159.65	159.25	158.87	159.03	158.97	159.05	159.03	
30	159.00	159.20	158.73	158.92	159.77	159.52	159.24	158.87	159.03	159.03	159.03	159.04	
31		159.17		159.15	159.83		159.24		159.03	159.01		159.05	
Mean	158.55	159.10	159.15	158.77	159.94	160.14	160.10	159.07	158.91	159.00	159.03	159.03	
Max	159.00	159.27	159.50	159.15	162.00	163.08	164.07	159.69	159.04	159.05	159.14	164.07	
Min	158.50	159.03	158.73	158.66	158.93	159.38	159.24	158.87	158.68	158.84	159.01	159.00	158.50
Annual Max Momentary Gage Height	164.13		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	158.50		m. (MSL.) ,			River Bed	157.96	m. (MSL.)					
Left Bank Elevation		167.38	m. (MSL.) ,										
Right Bank Elevation		167.35	m. (MSL.) ,			Drainage Are	861	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	5.45	5.15	2.70	4.40	15.10	11.30	16.30	3.50	5.75	5.45	5.60	
2	0.00	5.45	6.20	2.50	4.30	13.90	9.80	15.10	3.00	5.75	5.60	5.45	
3	0.00	5.75	6.50	2.70	4.50	15.10	13.90	12.35	2.30	5.45	5.60	5.30	
4	0.10	6.20	6.80	3.30	4.50	56.50	108.35	11.00	2.20	5.45	5.60	5.15	
5	0.40	7.10	7.40	3.90	4.50	119.60	168.85	10.85	2.40	5.75	5.45	5.15	
6	1.70	7.10	8.45	3.30	6.20	62.80	104.20	9.35	2.40	5.75	5.60	5.15	
7	1.40	6.50	8.45	2.20	21.50	44.50	55.90	7.85	3.40	5.60	5.45	5.15	
8	0.20	6.50	7.70	2.20	74.20	30.75	58.60	7.25	3.60	5.60	5.60	5.00	
9	0.00	6.05	7.40	2.10	35.75	26.25	51.00	6.50	3.40	5.60	5.45	5.00	
10	0.00	5.90	7.25	2.00	16.10	58.30	43.75	6.05	3.50	5.60	5.45	5.00	
11	0.00	6.05	6.50	2.00	10.40	33.50	25.75	5.75	3.40	5.60	5.45	5.15	
12	0.20	5.90	6.65	1.80	9.05	32.00	23.10	5.75	3.60	5.60	5.30	5.30	
13	0.40	6.05	6.95	1.60	7.55	32.00	19.50	5.15	1.80	5.60	5.45	5.15	
14	0.40	6.20	7.85	2.00	5.75	36.75	18.70	5.00	2.80	5.45	5.30	5.15	
15	0.20	6.50	12.50	2.50	7.40	29.25	17.50	4.70	3.00	5.45	5.15	5.15	
16	0.00	6.50	11.75	2.70	35.50	22.30	16.10	4.60	3.40	5.30	5.45	5.00	
17	0.00	6.35	10.70	2.40	77.00	18.70	15.50	4.50	4.70	5.30	5.30	5.00	
18	0.10	6.20	12.35	2.30	58.90	18.50	14.90	4.40	5.60	5.15	5.30	5.30	
19	0.00	6.50	10.40	2.00	52.30	17.30	14.10	4.30	5.60	5.00	5.30	6.95	
20	0.00	6.50	10.25	2.20	27.50	15.50	12.90	4.00	5.60	4.50	5.30	7.10	
21	0.00	6.50	9.95	2.60	20.10	13.10	12.50	4.10	5.60	4.50	5.30	6.35	
22	0.40	6.50	8.30	3.60	24.50	12.20	12.05	4.00	5.30	4.40	5.45	5.75	
23	0.00	6.35	7.85	3.90	33.50	11.75	11.60	4.00	5.30	4.50	5.30	6.05	
24	0.00	6.20	7.55	2.90	36.00	10.70	11.00	4.00	5.45	4.40	5.30	6.05	
25	0.00	5.75	4.90	2.40	40.25	10.70	10.10	3.90	5.45	3.40	5.45	5.75	
26	0.00	5.60	3.90	2.40	25.00	11.60	9.95	3.90	5.45	4.10	5.45	5.45	
27	0.30	6.95	3.30	2.10	21.90	15.30	9.50	3.90	5.45	4.20	5.45	5.30	
28	1.60	8.90	2.90	2.00	17.50	21.10	9.20	3.70	5.45	4.50	5.75	5.45	
29	1.90	9.05	2.40	2.30	15.50	15.50	8.75	3.70	5.45	4.70	5.75	5.45	
30	5.00	8.00	2.30	4.20	17.90	12.90	8.60	3.70	5.45	5.45		5.60	
31		7.55		7.25	19.10		8.60		5.45	5.15		5.75	
Total	14.50	202.10	220.55	84.05	738.55	833.45	915.55	189.65	129.00	158.55	157.75	170.15	3813.85 CMSDAY
Mean	0.48	6.52	7.35	2.71	23.82	27.78	29.53	6.32	4.16	5.11	5.44	5.49	10.42 CMS
Max	5.00	9.05	12.50	7.25	77.00	119.60	168.85	16.30	5.60	5.75	5.75	7.10	168.85 CMS
Min	0.00	5.45	2.30	1.60	4.30	10.70	8.60	3.70	1.80	3.40	5.15	5.00	0.00 CMS
Runoff	1.25	17.46	19.06	7.26	63.81	72.01	79.10	16.39	11.15	13.70	13.63	14.70	329.52 MCM
Momentary Peak		172.15 CMS.											at 164.13 m. (MSL.) at 06.00 Hours , on Oct 5, 2007
Runoff Yield		12.14			Liters/Second/Square KM.								Momentary Peak Yield 199.94 Liters/Second/Square KM.

WATER YEAR : 2007

KHONG RIVER BASIN

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

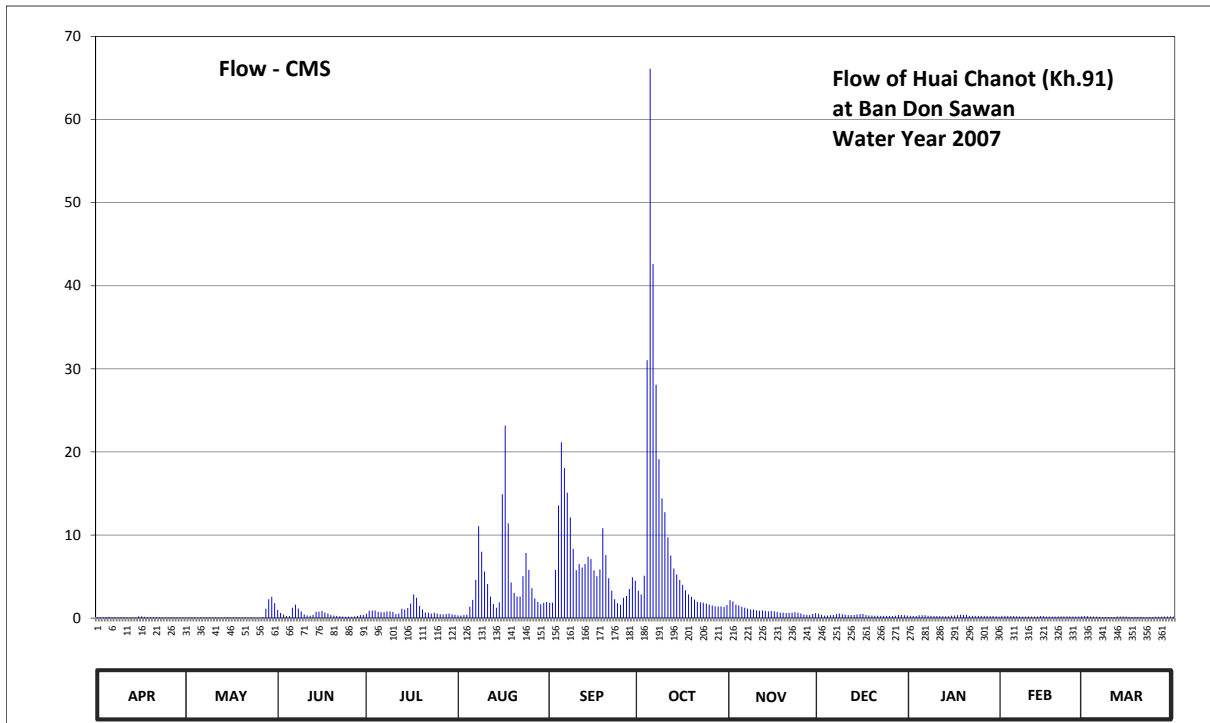
Lat 16 - 47 - 48 N Long 104 - 39 - 45 E

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	Overbank flow starts at elevation +154.070 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 60 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	149.94	149.87	150.36	150.21	150.11	150.65	150.98	150.74	150.21	150.06	150.07	150.05	
2	149.92	149.87	150.24	150.33	150.10	150.65	150.89	150.70	150.14	150.05	150.07	150.03	
3	149.90	149.87	150.16	150.34	150.13	151.48	151.34	150.57	150.10	150.05	150.07	150.00	
4	149.94	149.87	150.07	150.34	150.15	152.55	153.86	150.54	150.10	150.12	150.04	149.99	
5	149.95	149.87	150.07	150.29	150.49	153.23	155.02	150.49	150.12	150.12	150.05	149.98	
6	149.92	149.89	150.45	150.27	150.75	152.97	154.37	150.45	150.14	150.12	150.03	149.96	
7	149.91	149.89	150.57	150.27	151.24	152.71	153.70	150.42	150.19	150.08	150.02	149.94	
8	149.90	149.89	150.42	150.30	152.27	152.39	153.06	150.38	150.22	150.06	150.00	149.94	
9	149.89	149.88	150.30	150.30	151.84	151.89	152.64	150.37	150.18	150.05	150.00	149.94	
10	149.90	149.88	150.17	150.28	151.44	151.47	152.46	150.34	150.15	150.05	150.00	149.94	
11	149.89	149.87	150.11	150.19	151.14	151.60	152.09	150.33	150.13	150.04	150.00	149.94	
12	149.88	149.86	150.08	150.21	150.84	151.53	151.77	150.34	150.13	150.03	150.00	150.00	
13	149.88	149.86	150.14	150.41	150.60	151.60	151.51	150.32	150.14	150.03	150.00	150.00	
14	149.89	149.87	150.29	150.37	150.45	151.75	151.37	150.30	150.17	150.03	150.05	150.00	
15	150.01	149.89	150.29	150.44	150.66	151.70	151.24	150.32	150.19	150.08	150.05	150.00	
16	150.02	149.87	150.32	150.62	152.69	151.47	151.12	150.31	150.20	150.10	150.00	149.96	
17	149.95	149.87	150.26	150.89	153.39	151.33	150.99	150.28	150.13	150.12	150.00	149.94	
18	149.93	149.87	150.22	150.81	152.31	151.49	150.89	150.25	150.11	150.15	150.00	149.95	
19	149.90	149.87	150.13	150.52	151.18	152.24	150.83	150.25	150.10	150.14	150.00	149.95	
20	149.89	149.87	150.10	150.38	150.93	151.78	150.76	150.24	150.09	150.15	150.02	149.95	
21	149.89	149.85	150.06	150.26	150.84	151.28	150.69	150.24	150.08	150.06	150.02	149.94	
22	149.89	149.85	150.03	150.25	150.84	150.98	150.67	150.25	150.07	150.07	150.02	149.94	
23	149.89	149.85	149.99	150.21	151.33	150.77	150.65	150.27	150.07	150.07	150.02	149.92	
24	149.88	149.85	149.98	150.25	151.82	150.63	150.62	150.25	150.06	150.07	150.01	149.94	
25	149.88	149.83	149.97	150.21	151.48	150.57	150.58	150.22	150.06	150.06	150.00	149.96	
26	149.89	149.83	149.96	150.18	151.04	150.81	150.54	150.16	150.05	150.07	150.00	149.97	
27	149.89	149.92	149.99	150.17	150.79	150.85	150.51	150.14	150.09	150.06	150.00	149.97	
28	149.87	150.41	150.06	150.20	150.68	151.02	150.50	150.13	150.14	150.05	150.03	149.99	
29	149.87	150.77	150.13	150.21	150.59	151.30	150.50	150.20	150.14	150.04	150.05	150.00	
30	149.88	150.83	150.14	150.17	150.65	151.22	150.48	150.23	150.12	150.03	150.00	150.00	
31		150.63		150.15	150.68		150.56		150.10	150.00		150.00	
Mean	149.91	149.97	150.17	150.32	151.08	151.53	151.52	150.33	150.13	150.07	150.02	149.97	
Max	150.02	150.83	150.57	150.89	153.39	153.23	155.02	150.74	150.22	150.15	150.07	150.05	155.02
Min	149.87	149.83	149.96	150.15	150.10	150.57	150.48	150.13	150.05	150.00	150.00	149.92	149.83
Annual Max Momentary Gage Height	155.15		m. (MSL.) ,				at 06.00 Hours ,						on Oct 5, 2007
Zero Gage at Bottom Elevation	149.00		m. (MSL.) ,			River Bed	149.31		m. (MSL.)				
Left Bank Elevation		154.06		m. (MSL.) ,									
Right Bank Elevation		155.14		m. (MSL.) ,		Drainage Are	172		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.14	0.07	0.98	0.53	0.32	1.85	3.30	2.16	0.53	0.26	0.27	0.25	
2	0.12	0.07	0.62	0.89	0.30	1.85	2.85	2.00	0.38	0.25	0.27	0.23	
3	0.10	0.07	0.42	0.92	0.36	5.80	5.10	1.61	0.30	0.25	0.27	0.20	
4	0.14	0.07	0.27	0.92	0.40	13.55	31.04	1.52	0.30	0.34	0.24	0.19	
5	0.15	0.07	0.27	0.77	1.37	21.16	66.10	1.37	0.34	0.34	0.25	0.18	
6	0.12	0.09	1.25	0.71	2.20	18.04	42.62	1.25	0.38	0.34	0.23	0.16	
7	0.11	0.09	1.61	0.71	4.60	15.10	28.10	1.16	0.48	0.28	0.22	0.14	
8	0.10	0.09	1.16	0.80	11.06	12.11	19.12	1.04	0.56	0.26	0.20	0.14	
9	0.09	0.08	0.80	0.80	7.98	8.33	14.40	1.01	0.46	0.25	0.20	0.14	
10	0.10	0.08	0.44	0.74	5.60	5.75	12.74	0.92	0.40	0.25	0.20	0.14	
11	0.09	0.07	0.32	0.48	4.10	6.50	9.73	0.89	0.36	0.24	0.20	0.14	
12	0.08	0.06	0.28	0.53	2.60	6.08	7.52	0.92	0.36	0.23	0.20	0.20	
13	0.08	0.06	0.38	1.13	1.70	6.50	5.96	0.86	0.38	0.23	0.20	0.20	
14	0.09	0.07	0.77	1.01	1.25	7.40	5.25	0.80	0.44	0.23	0.25	0.20	
15	0.21	0.09	0.77	1.22	1.88	7.10	4.60	0.86	0.48	0.28	0.25	0.20	
16	0.22	0.07	0.86	1.76	14.90	5.75	4.00	0.83	0.50	0.30	0.20	0.16	
17	0.15	0.07	0.68	2.85	23.17	5.05	3.35	0.74	0.36	0.34	0.20	0.14	
18	0.13	0.07	0.56	2.45	11.39	5.85	2.85	0.65	0.32	0.40	0.20	0.15	
19	0.10	0.07	0.36	1.46	4.30	10.82	2.55	0.65	0.30	0.38	0.20	0.15	
20	0.09	0.07	0.30	1.04	3.05	7.58	2.24	0.62	0.29	0.40	0.22	0.15	
21	0.09	0.05	0.26	0.68	2.60	4.80	1.97	0.62	0.28	0.26	0.22	0.14	
22	0.09	0.05	0.23	0.65	2.60	3.30	1.91	0.65	0.27	0.27	0.22	0.14	
23	0.09	0.05	0.19	0.53	5.05	2.28	1.85	0.71	0.27	0.27	0.22	0.12	
24	0.08	0.05	0.18	0.65	7.84	1.79	1.76	0.65	0.26	0.27	0.21	0.14	
25	0.08	0.03	0.17	0.53	5.80	1.61	1.64	0.56	0.26	0.26	0.20	0.16	
26	0.09	0.03	0.16	0.46	3.60	2.45	1.52	0.42	0.25	0.27	0.20	0.17	
27	0.09	0.12	0.19	0.44	2.36	2.65	1.43	0.38	0.29	0.26	0.20	0.17	
28	0.07	1.13	0.26	0.50	1.94	3.50	1.40	0.36	0.38	0.25	0.23	0.19	
29	0.07	2.28	0.36	0.53	1.67	4.90	1.40	0.50	0.38	0.24	0.25	0.20	
30	0.08	2.55	0.38	0.44	1.85	4.50	1.34	0.59	0.34	0.23		0.20	
31		1.79		0.40	1.94		1.58		0.30	0.20		0.20	
Total	3.24	9.61	15.48	27.53	139.78	203.95	291.22	27.30	11.20	8.63	6.42	5.29	749.65 CMSDAY
Mean	0.11	0.31	0.52	0.89	4.51	6.80	9.39	0.91	0.36	0.28	0.22	0.17	2.05 CMS
Max	0.22	2.55	1.61	2.85	23.17	21.16	66.10	2.16	0.56	0.40	0.27	0.25	66.10 CMS
Min	0.07	0.03	0.16	0.40	0.30	1.61	1.34	0.36	0.25	0.20	0.20	0.12	0.03 CMS
Runoff	0.28	0.83	1.34	2.38	12.08	17.62	25.16	2.36	0.97	0.75	0.55	0.46	64.77 MCM
Momentary Peak		73.25	CMS. at 155.15 m. (MSL.) at 06.00 Hours , on Oct 5, 2007										
Runoff Yield		11.94	Liters/Second/Square KM.		Momentary Peak Yield		425.87	Liters/Second/Square KM.					

WATER YEAR : 2007

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.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+147.840 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank at the footpath of the bridge.		Elevation +158.890 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	Overbank flow starts at elevation +154.620 m.(MSL.), records are channel flow only.		
General Description	Records fair. The local weir situated downstream from the gage site. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	149.23	149.22	149.52	149.42	149.41	149.64	150.11	149.54	149.38	149.26	149.20	149.14	
2	149.22	149.22	149.46	149.40	149.51	150.52	150.79	149.54	149.37	149.24	149.20	149.14	
3	149.22	149.22	149.47	149.41	149.51	153.10	151.78	149.54	149.37	149.24	149.20	149.14	
4	149.22	149.22	149.45	149.48	149.54	155.05	155.67	149.53	149.36	149.24	149.20	149.14	
5	149.22	149.23	149.57	149.44	149.96	155.86	157.09	149.53	149.36	149.24	149.20	149.14	
6	149.22	149.24	150.11	149.37	149.80	154.07	155.22	149.52	149.36	149.24	149.20	149.14	
7	149.22	149.26	149.53	149.32	150.37	152.08	153.01	149.52	149.34	149.24	149.20	149.14	
8	149.22	149.25	149.46	149.33	151.77	151.22	151.78	149.51	149.32	149.24	149.20	149.14	
9	149.22	149.24	149.42	149.44	150.94	150.94	151.12	149.51	149.33	149.24	149.20	149.14	
10	149.22	149.23	149.38	149.39	150.10	150.76	150.86	149.51	149.33	149.24	149.20	149.14	
11	149.22	149.23	149.35	149.33	149.83	150.64	150.76	149.50	149.33	149.24	149.20	149.14	
12	149.22	149.22	149.39	149.34	149.71	150.52	150.69	149.50	149.30	149.24	149.18	149.14	
13	149.22	149.22	149.49	149.42	149.60	150.42	150.62	149.49	149.32	149.24	149.18	149.14	
14	149.22	149.22	149.45	149.31	149.54	150.36	150.50	149.48	149.30	149.26	149.18	149.14	
15	149.25	149.23	149.49	149.30	149.84	150.26	150.41	149.47	149.29	149.25	149.18	149.14	
16	149.23	149.23	149.49	149.37	154.18	150.20	150.31	149.46	149.28	149.24	149.18	149.14	
17	149.22	149.23	149.42	149.45	155.70	150.15	150.27	149.45	149.28	149.24	149.18	149.14	
18	149.22	149.22	149.40	149.44	153.62	150.11	150.24	149.44	149.28	149.24	149.18	149.14	
19	149.22	149.22	149.37	149.41	152.17	150.06	150.19	149.43	149.28	149.24	149.18	149.14	
20	149.21	149.22	149.41	149.39	152.10	150.03	150.10	149.42	149.26	149.24	149.20	149.14	
21	149.22	149.22	149.47	149.38	152.52	150.00	150.04	149.42	149.25	149.24	149.20	149.18	
22	149.22	149.22	149.45	149.50	152.58	149.96	149.96	149.41	149.24	149.23	149.20	149.18	
23	149.22	149.22	149.41	149.54	152.45	149.94	149.87	149.41	149.27	149.23	149.20	149.18	
24	149.22	149.22	149.39	149.48	152.11	149.94	149.83	149.41	149.29	149.23	149.18	149.18	
25	149.21	149.22	149.45	149.45	151.50	149.94	149.82	149.40	149.29	149.22	149.18	149.16	
26	149.22	149.22	149.47	149.46	150.79	149.95	149.81	149.40	149.27	149.22	149.17	149.16	
27	149.22	149.38	149.45	149.44	150.30	149.98	149.80	149.40	149.27	149.21	149.16	149.16	
28	149.22	150.13	149.46	149.41	149.99	150.01	149.80	149.39	149.26	149.21	149.15	149.16	
29	149.22	149.91	149.44	149.53	149.83	150.03	149.76	149.39	149.26	149.21	149.14	149.16	
30	149.23	149.72	149.40	149.48	149.89	150.07	149.62	149.39	149.27	149.20	149.14	149.16	
31		149.59		149.47	149.90		149.54		149.27	149.20		149.16	
Mean	149.22	149.31	149.47	149.42	150.94	150.86	150.95	149.46	149.30	149.23	149.19	149.15	
Max	149.25	150.13	150.11	149.54	155.70	155.86	157.09	149.54	149.38	149.26	149.20	149.18	157.09
Min	149.21	149.22	149.35	149.30	149.41	149.64	149.54	149.39	149.24	149.20	149.14	149.14	149.14
Annual Max Momentary Gage Height	157.29		m. (MSL.) ,										
Zero Gage at Bottom Elevation	147.84		m. (MSL.) ,			River Bed	148.97	m. (MSL.)					
Left Bank Elevation		154.61		m. (MSL.) ,									
Right Bank Elevation		157.73		m. (MSL.) ,		Drainage Are	1,119	Square Kilometers					

WATER YEAR : 2007

KHONG RIVER BASIN

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

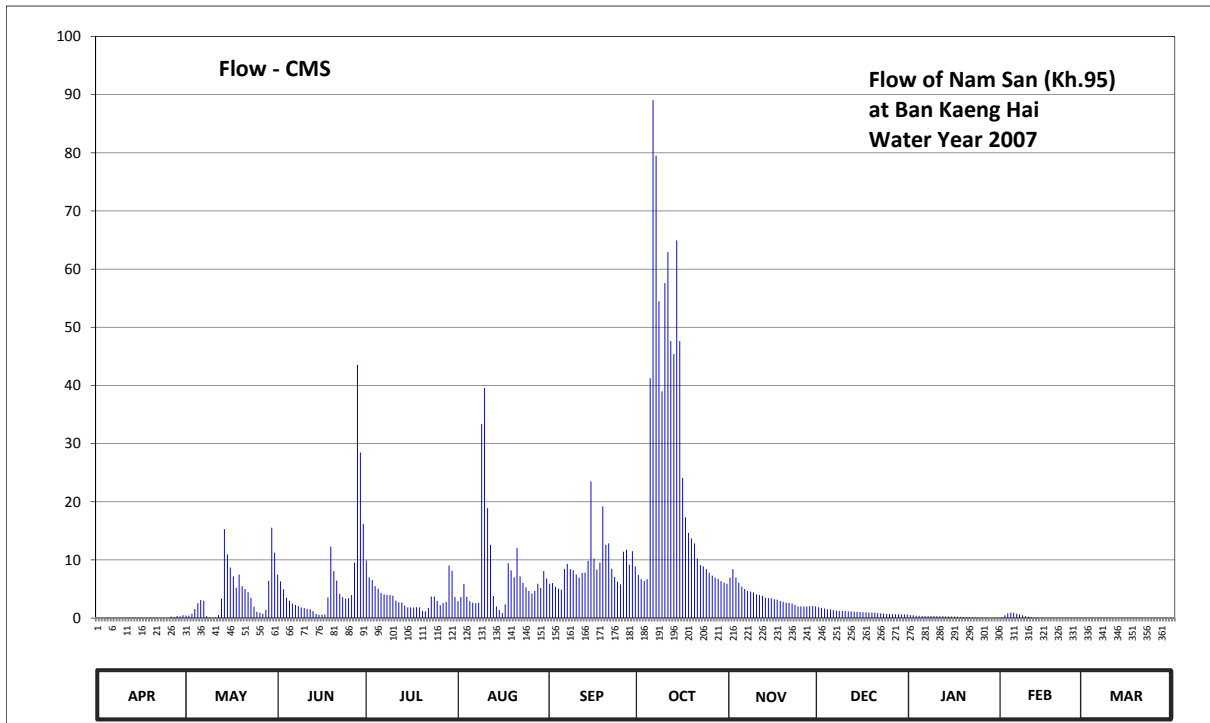
Lat 17 - 26 - 20 N Long 101 - 19 - 50 E

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	Overbank flow starts at elevation +600.920 m.(MSL.), records are channel flow only.					
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	594.89	595.15	596.62	597.04	595.78	596.34	596.61	596.53	595.57	595.17	595.04	594.93	
2	594.90	595.15	596.41	596.54	595.92	596.36	596.48	596.79	595.53	595.16	595.16	594.93	
3	594.93	595.25	596.17	596.45	596.33	596.25	596.43	596.53	595.51	595.14	595.27	594.92	
4	595.01	595.49	595.90	596.27	595.93	596.19	596.48	596.37	595.48	595.14	595.31	594.90	
5	594.99	595.71	595.80	596.19	595.78	596.16	599.98	596.25	595.47	595.13	595.31	594.89	
6	594.98	595.82	595.70	596.06	595.73	596.80	602.25	596.18	595.44	595.12	595.26	594.89	
7	594.96	595.80	595.65	596.01	595.71	596.95	601.87	596.12	595.42	595.12	595.21	594.87	
8	594.96	595.11	595.61	595.99	595.73	596.79	600.70	596.10	595.41	595.12	595.16	594.87	
9	594.95	595.02	595.56	595.99	599.42	596.76	599.82	596.07	595.40	595.13	595.11	594.86	
10	594.94	595.00	595.53	595.97	599.86	596.62	600.87	596.01	595.40	595.11	595.08	594.86	
11	594.99	595.02	595.50	595.80	598.14	596.53	601.13	596.00	595.39	595.11	595.04	594.88	
12	595.01	595.17	595.48	595.74	597.38	596.67	600.33	595.97	595.38	595.11	595.01	594.89	
13	594.99	595.87	595.40	595.74	595.96	596.68	600.21	595.90	595.37	595.10	595.00	594.89	
14	595.01	597.72	595.24	595.63	595.60	597.03	601.22	595.89	595.37	595.10	594.98	594.88	
15	594.99	597.17	595.19	595.56	595.44	598.60	600.33	595.88	595.35	595.09	594.97	594.86	
16	594.99	596.84	595.20	595.56	595.28	597.08	598.66	595.85	595.34	595.09	594.97	594.86	
17	594.98	596.57	595.21	595.55	595.67	596.78	597.98	595.83	595.33	595.08	594.96	594.87	
18	594.98	596.22	595.91	595.57	596.97	596.99	597.64	595.79	595.32	595.07	594.95	594.88	
19	595.01	596.62	597.34	595.56	596.75	598.17	597.52	595.76	595.32	595.06	594.95	594.92	
20	595.01	596.27	596.73	595.41	596.54	597.38	597.41	595.73	595.31	595.05	594.94	594.96	
21	594.99	596.18	596.44	595.39	597.31	597.41	597.08	595.72	595.29	595.04	594.94	594.95	
22	594.96	596.08	596.03	595.54	596.57	596.80	596.91	595.70	595.27	595.03	594.93	594.94	
23	594.91	595.90	595.92	595.94	596.37	596.55	596.87	595.65	595.26	595.02	594.91	594.93	
24	594.90	595.59	595.87	595.94	596.23	596.40	596.79	595.60	595.24	595.01	594.90	594.91	
25	594.94	595.36	595.88	595.79	596.12	596.32	596.68	595.60	595.23	595.00	594.91	594.89	
26	595.09	595.31	595.99	595.64	596.04	597.23	596.59	595.60	595.23	594.99	594.93	594.88	
27	595.05	595.26	596.99	595.72	596.12	597.27	596.53	595.60	595.22	594.99	594.93	594.87	
28	595.12	595.45	600.11	595.75	596.34	596.92	596.49	595.61	595.22	594.98	594.93	594.87	
29	595.10	596.43	599.07	596.90	596.21	597.24	596.42	595.61	595.22	594.98	594.92	594.87	
30	595.16	597.75	597.84	596.74	596.73	596.87	596.37	595.60	595.21	594.99	594.99	594.88	
31		597.21		595.92	596.50		596.34		595.21	595.00		594.89	
Mean	594.99	595.92	596.21	595.93	596.47	596.87	598.29	595.93	595.35	595.07	595.03	594.89	
Max	595.16	597.75	600.11	597.04	599.86	598.60	602.25	596.79	595.57	595.17	595.31	594.96	602.25
Min	594.89	595.00	595.19	595.39	595.28	596.16	596.34	595.60	595.21	594.98	594.90	594.86	594.86
Annual Max Momentary Gage Height	602.37		m. (MSL.) ,				at 13.00 Hours ,						
Zero Gage at Bottom Elevation	593.92		m. (MSL.) ,			River Bed	594.17		m. (MSL.)				
Left Bank Elevation	605.52		m. (MSL.) ,										
Right Bank Elevation	600.91		m. (MSL.) ,			Drainage Are	352		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.45	7.47	9.92	2.90	5.90	7.42	6.97	1.88	0.51	0.15	0.00	
2	0.00	0.45	6.30	7.02	3.60	6.02	6.69	8.42	1.72	0.48	0.48	0.00	
3	0.00	0.75	4.95	6.52	5.85	5.40	6.41	6.97	1.64	0.42	0.81	0.00	
4	0.08	1.56	3.50	5.51	3.65	5.06	6.69	6.07	1.52	0.42	0.93	0.00	
5	0.04	2.55	3.00	5.06	2.90	4.90	41.22	5.40	1.48	0.39	0.93	0.00	
6	0.03	3.10	2.50	4.34	2.65	8.48	89.05	5.01	1.36	0.36	0.78	0.00	
7	0.01	3.00	2.25	4.06	2.55	9.32	79.49	4.67	1.28	0.36	0.63	0.00	
8	0.01	0.33	2.05	3.95	2.65	8.42	54.45	4.56	1.24	0.36	0.48	0.00	
9	0.00	0.10	1.84	3.95	33.38	8.26	38.98	4.39	1.20	0.39	0.33	0.00	
10	0.00	0.05	1.72	3.85	39.54	7.47	57.60	4.06	1.20	0.33	0.25	0.00	
11	0.04	0.10	1.60	3.00	18.90	6.97	62.91	4.00	1.17	0.33	0.15	0.00	
12	0.08	0.51	1.52	2.70	12.60	7.75	47.61	3.85	1.14	0.33	0.08	0.00	
13	0.04	3.35	1.20	2.70	3.80	7.81	45.39	3.50	1.11	0.30	0.05	0.00	
14	0.08	15.29	0.72	2.15	2.00	9.84	64.93	3.45	1.11	0.30	0.03	0.00	
15	0.04	10.94	0.57	1.84	1.36	23.50	47.61	3.40	1.05	0.28	0.02	0.00	
16	0.04	8.70	0.60	1.84	0.84	10.23	24.10	3.25	1.02	0.28	0.02	0.00	
17	0.03	7.19	0.63	1.80	2.35	8.37	17.34	3.15	0.99	0.25	0.01	0.00	
18	0.03	5.23	3.55	1.88	9.43	9.54	14.66	2.95	0.96	0.23	0.00	0.00	
19	0.08	7.47	12.29	1.84	8.20	19.20	13.71	2.80	0.96	0.20	0.00	0.00	
20	0.08	5.51	8.09	1.24	7.02	12.60	12.84	2.65	0.93	0.18	0.00	0.01	
21	0.04	5.01	6.46	1.17	12.05	12.84	10.23	2.60	0.87	0.15	0.00	0.00	
22	0.01	4.45	4.17	1.76	7.19	8.48	9.10	2.50	0.81	0.13	0.00	0.00	
23	0.00	3.50	3.60	3.70	6.07	7.08	8.87	2.25	0.78	0.10	0.00	0.00	
24	0.00	1.96	3.35	3.70	5.29	6.24	8.42	2.00	0.72	0.08	0.00	0.00	
25	0.00	1.08	3.40	2.95	4.67	5.79	7.81	2.00	0.69	0.05	0.00	0.00	
26	0.28	0.93	3.95	2.20	4.22	11.42	7.30	2.00	0.69	0.04	0.00	0.00	
27	0.18	0.78	9.54	2.60	4.67	11.73	6.97	2.00	0.66	0.04	0.00	0.00	
28	0.36	1.40	43.54	2.75	5.90	9.15	6.74	2.05	0.66	0.03	0.00	0.00	
29	0.30	6.41	28.48	9.04	5.18	11.50	6.35	2.05	0.66	0.03	0.00	0.00	
30	0.48	15.53	16.24	8.14	8.09	8.87	6.07	2.00	0.63	0.04	0.00	0.00	
31		11.26		3.60	6.80		5.90		0.63	0.05		0.00	
Total	2.36	128.94	189.08	116.78	236.30	278.14	822.86	110.97	32.76	7.44	6.13	0.01	1931.77 CMSDAY
Mean	0.08	4.16	6.30	3.77	7.62	9.27	26.54	3.70	1.06	0.24	0.21	0.00	5.28 CMS
Max	0.48	15.53	43.54	9.92	39.54	23.50	89.05	8.42	1.88	0.51	0.93	0.01	89.05 CMS
Min	0.00	0.05	0.57	1.17	0.84	4.90	5.90	2.00	0.63	0.03	0.00	0.00	0.00 CMS
Runoff	0.20	11.14	16.34	10.09	20.42	24.03	71.10	9.59	2.83	0.64	0.53	0.00	166.90 MCM
Momentary Peak	92.24	CMS. at 602.37 m. (MSL.) at 13.00 Hours , on Oct 6, 2007											
Runoff Yield	15.04	Liters/Second/Square KM.		Momentary Peak Yield		262.05	Liters/Second/Square KM.						

WATER YEAR : 2007

KHONG RIVER BASIN

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

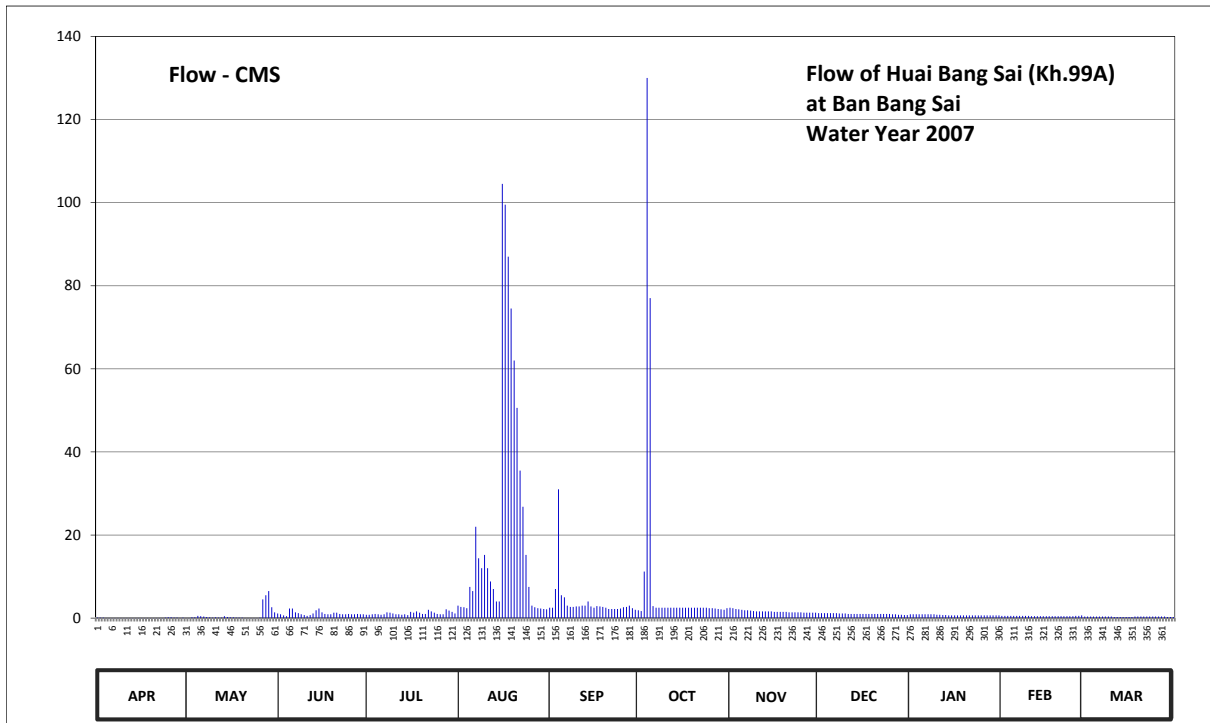
Lat 16 - 42 - 05 N Long 104 - 14 - 46 E

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 +255.082 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 28 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	250.80	250.79	250.91	250.88	251.10	251.05	250.99	251.05	250.92	250.89	250.85	250.83	
2	250.80	250.79	250.89	250.88	251.07	251.05	250.97	251.04	250.92	250.89	250.85	250.83	
3	250.80	250.81	250.86	250.89	251.06	251.18	251.24	251.02	250.92	250.89	250.85	250.83	
4	250.79	250.81	250.84	250.90	251.04	251.42	251.86	251.01	250.92	250.89	250.85	250.83	
5	250.79	250.85	251.03	250.89	251.19	251.15	251.66	251.00	250.92	250.89	250.85	250.83	
6	250.79	250.84	251.03	250.88	251.17	251.14	251.09	250.99	250.92	250.89	250.85	250.83	
7	250.79	250.83	250.94	250.89	251.35	251.10	251.05	250.99	250.92	250.89	250.85	250.83	
8	250.79	250.82	250.92	250.94	251.28	251.07	251.05	250.98	250.91	250.89	250.85	250.83	
9	250.79	250.81	250.89	250.93	251.25	251.07	251.05	250.97	250.91	250.89	250.85	250.83	
10	250.79	250.80	250.87	250.91	251.29	251.08	251.05	250.96	250.91	250.88	250.85	250.83	
11	250.79	250.81	250.85	250.89	251.25	251.08	251.05	250.96	250.90	250.88	250.84	250.82	
12	250.79	250.80	250.87	250.89	251.21	251.10	251.05	250.96	250.90	250.87	250.84	250.82	
13	250.79	250.80	250.91	250.88	251.18	251.10	251.05	250.96	250.90	250.87	250.84	250.82	
14	250.79	250.84	250.99	250.89	251.12	251.12	251.05	250.96	250.90	250.86	250.84	250.82	
15	250.79	250.82	251.03	250.87	251.12	251.08	251.05	250.96	250.90	250.86	250.84	250.82	
16	250.79	250.81	250.94	250.95	251.77	251.05	251.05	250.95	250.90	250.86	250.84	250.82	
17	250.79	250.81	250.90	250.93	251.75	251.09	251.05	250.95	250.90	250.86	250.84	250.82	
18	250.79	250.80	250.89	250.96	251.70	251.08	251.05	250.95	250.90	250.86	250.84	250.83	
19	250.79	250.80	250.89	250.93	251.65	251.07	251.05	250.95	250.90	250.86	250.84	250.83	
20	250.79	250.80	250.93	250.90	251.60	251.05	251.05	250.95	250.90	250.86	250.84	250.83	
21	250.79	250.79	250.93	250.90	251.54	251.02	251.05	250.94	250.90	250.86	250.84	250.83	
22	250.79	250.79	250.90	251.00	251.45	251.02	251.05	250.94	250.90	250.86	250.84	250.83	
23	250.79	250.79	250.89	250.96	251.39	251.02	251.05	250.94	250.90	250.86	250.84	250.83	
24	250.80	250.79	250.89	250.93	251.29	251.02	251.05	250.94	250.90	250.86	250.84	250.83	
25	250.81	250.79	250.90	250.90	251.19	251.03	251.04	250.94	250.90	250.86	250.84	250.83	
26	250.81	250.80	250.89	250.89	251.10	251.06	251.04	250.93	250.89	250.86	250.85	250.83	
27	250.80	251.13	250.89	250.89	251.06	251.07	251.03	250.93	250.89	250.86	250.85	250.83	
28	250.80	251.15	250.90	251.01	251.04	251.10	251.02	250.93	250.88	250.86	250.86	250.83	
29	250.79	251.17	250.89	250.98	251.03	251.04	251.01	250.93	250.88	250.86	250.86	250.82	
30	250.80	251.06	250.89	250.95	251.02	251.00	251.00	250.93	250.87	250.86	250.86	250.82	
31		250.94		250.91	251.01		251.04		250.87	250.86		250.82	
Mean	250.79	250.85	250.91	250.92	251.27	251.08	251.09	250.96	250.90	250.87	250.85	250.83	
Max	250.81	251.17	251.03	251.01	251.77	251.42	251.86	251.05	250.92	250.89	250.86	250.83	251.86
Min	250.79	250.79	250.84	250.87	251.01	251.00	250.97	250.93	250.87	250.86	250.84	250.82	250.79
Annual Max Momentary Gage Height	251.98	m. (MSL.) ,		at 04.00 Hours , on Oct 5 , 2007									
Zero Gage at Bottom Elevation	248.50	m. (MSL.) ,		River Bed 250.84 m. (MSL.)									
Left Bank Elevation	257.35	m. (MSL.) ,											
Right Bank Elevation	257.65	m. (MSL.) ,		Drainage Are 115 Square Kilometers									



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.05	1.10	0.82	3.00	2.50	1.90	2.50	1.20	0.91	0.55	0.37	
2	0.10	0.05	0.91	0.82	2.70	2.50	1.70	2.40	1.20	0.91	0.55	0.37	
3	0.10	0.19	0.64	0.91	2.60	7.00	11.20	2.20	1.20	0.91	0.55	0.37	
4	0.05	0.19	0.46	1.00	2.40	31.00	130.00	2.10	1.20	0.91	0.55	0.37	
5	0.05	0.55	2.30	0.91	7.50	5.50	77.00	2.00	1.20	0.91	0.55	0.37	
6	0.05	0.46	2.30	0.82	6.50	5.00	2.90	1.90	1.20	0.91	0.55	0.37	
7	0.05	0.37	1.40	0.91	22.00	3.00	2.50	1.90	1.20	0.91	0.55	0.37	
8	0.05	0.28	1.20	1.40	14.40	2.70	2.50	1.80	1.10	0.91	0.55	0.37	
9	0.05	0.19	0.91	1.30	12.00	2.70	2.50	1.70	1.10	0.91	0.55	0.37	
10	0.05	0.10	0.73	1.10	15.20	2.80	2.50	1.60	1.10	0.82	0.55	0.37	
11	0.05	0.19	0.55	0.91	12.00	2.80	2.50	1.60	1.00	0.82	0.46	0.28	
12	0.05	0.10	0.73	0.91	8.80	3.00	2.50	1.60	1.00	0.73	0.46	0.28	
13	0.05	0.10	1.10	0.82	7.00	3.00	2.50	1.60	1.00	0.73	0.46	0.28	
14	0.05	0.46	1.90	0.91	4.00	4.00	2.50	1.60	1.00	0.64	0.46	0.28	
15	0.05	0.28	2.30	0.73	4.00	2.80	2.50	1.60	1.00	0.64	0.46	0.28	
16	0.05	0.19	1.40	1.50	104.50	2.50	2.50	1.50	1.00	0.64	0.46	0.28	
17	0.05	0.19	1.00	1.30	99.50	2.90	2.50	1.50	1.00	0.64	0.46	0.28	
18	0.05	0.10	0.91	1.60	87.00	2.80	2.50	1.50	1.00	0.64	0.46	0.37	
19	0.05	0.10	0.91	1.30	74.50	2.70	2.50	1.50	1.00	0.64	0.46	0.37	
20	0.05	0.10	1.30	1.00	62.00	2.50	2.50	1.50	1.00	0.64	0.46	0.37	
21	0.05	0.05	1.30	1.00	50.60	2.20	2.50	1.40	1.00	0.64	0.46	0.37	
22	0.05	0.05	1.00	2.00	35.50	2.20	2.50	1.40	1.00	0.64	0.46	0.37	
23	0.05	0.05	0.91	1.60	26.80	2.20	2.50	1.40	1.00	0.64	0.46	0.37	
24	0.10	0.05	0.91	1.30	15.20	2.20	2.50	1.40	1.00	0.64	0.46	0.37	
25	0.19	0.05	1.00	1.00	7.50	2.30	2.40	1.40	1.00	0.64	0.46	0.37	
26	0.19	0.10	0.91	0.91	3.00	2.60	2.40	1.30	0.91	0.64	0.55	0.37	
27	0.10	4.50	0.91	0.91	2.60	2.70	2.30	1.30	0.91	0.64	0.55	0.37	
28	0.10	5.50	1.00	2.10	2.40	3.00	2.20	1.30	0.82	0.64	0.64	0.37	
29	0.05	6.50	0.91	1.80	2.30	2.40	2.10	1.30	0.82	0.64	0.64	0.28	
30	0.10	2.60	0.91	1.50	2.20	2.00	2.00	1.30	0.73	0.64		0.28	
31		1.40		1.10	2.10		2.40		0.73	0.64		0.28	
Total	2.13	25.09	33.81	36.19	701.80	117.50	285.50	49.10	31.62	22.81	14.78	10.57	1330.90 CMSDAY
Mean	0.07	0.81	1.13	1.17	22.64	3.92	9.21	1.64	1.02	0.74	0.51	0.34	3.64 CMS
Max	0.19	6.50	2.30	2.10	104.50	31.00	130.00	2.50	1.20	0.91	0.64	0.37	130.00 CMS
Min	0.05	0.05	0.46	0.73	2.10	2.00	1.70	1.30	0.73	0.64	0.46	0.28	0.05 CMS
Runoff	0.18	2.17	2.92	3.13	60.64	10.15	24.67	4.24	2.73	1.97	1.28	0.91	114.99 MCM
Momentary Peak	169.20 CMS. at 251.98 m. (MSL.) at 04.00 Hours , on Oct 5, 2007												
Runoff Yield	31.71 Liters/Second/Square KM.			Momentary Peak Yield 1471.30 Liters/Second/Square KM.									

WATER YEAR : 2007

KHONG RIVER BASIN

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

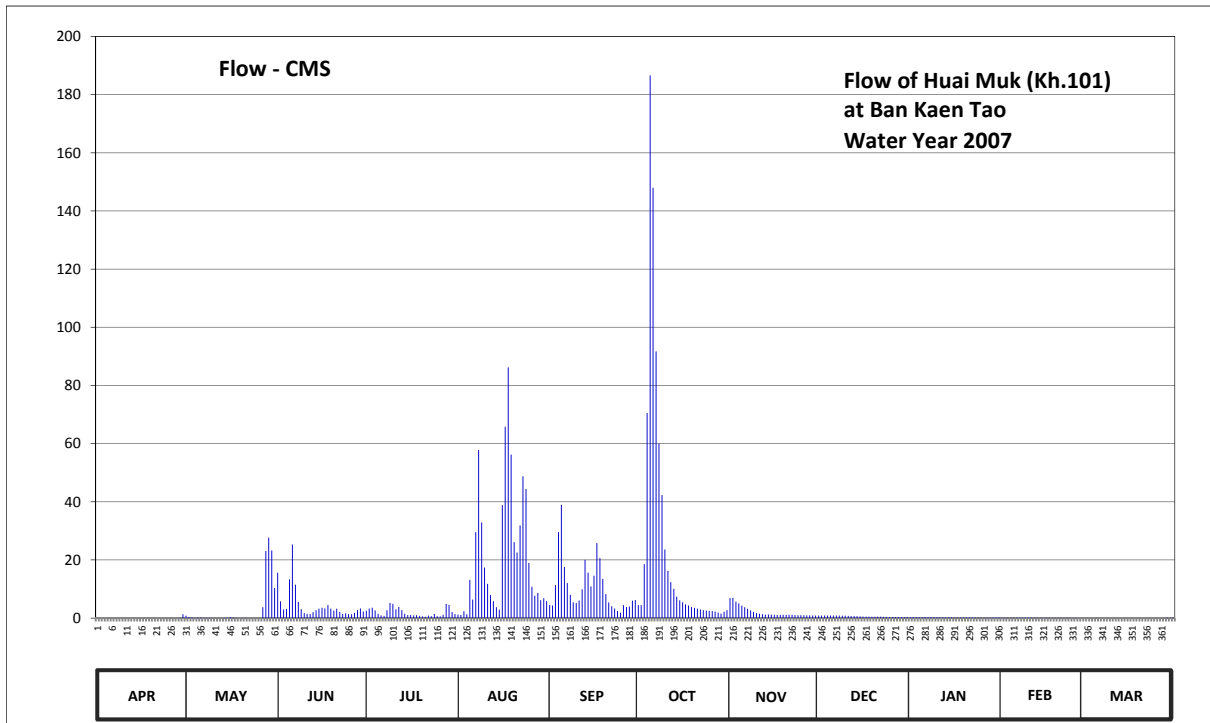
Lat 16 - 35 - 07 N Long 104 - 37 - 13 E

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	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +142.700 m.(MSL.), records are channel flow only.					
General Description	Records good. Stage-discharge relation defined by 25 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.39	137.72	139.96	138.19	137.88	138.55	138.55	138.98	137.75	137.53	137.47	137.39	
2	137.39	137.55	138.78	138.33	137.83	138.52	138.54	139.00	137.74	137.53	137.47	137.39	
3	137.39	137.50	138.27	138.38	138.16	139.48	140.22	138.76	137.74	137.52	137.47	137.39	
4	137.38	137.45	138.30	138.21	137.92	141.14	143.47	138.65	137.74	137.52	137.47	137.38	
5	137.38	137.49	139.70	138.00	139.68	141.79	144.42	138.51	137.74	137.52	137.47	137.38	
6	137.38	137.49	140.81	137.78	138.89	140.14	144.20	138.41	137.75	137.55	137.47	137.38	
7	137.38	137.45	139.50	137.70	141.14	139.56	143.77	138.31	137.75	137.54	137.47	137.38	
8	137.38	137.43	138.74	138.22	142.99	139.11	143.10	138.21	137.75	137.54	137.47	137.37	
9	137.36	137.43	138.29	138.68	141.37	138.72	142.02	138.12	137.73	137.54	137.47	137.37	
10	137.36	137.41	138.04	138.62	140.12	138.67	140.66	138.04	137.73	137.54	137.47	137.37	
11	137.36	137.39	137.99	138.28	139.53	138.83	140.02	137.99	137.71	137.51	137.46	137.37	
12	137.35	137.39	137.94	138.43	139.10	139.32	139.60	137.93	137.69	137.51	137.46	137.37	
13	137.35	137.40	138.10	138.23	138.79	140.35	139.34	137.89	137.68	137.50	137.46	137.36	
14	137.36	137.43	138.22	138.00	138.41	139.96	139.04	137.91	137.65	137.50	137.45	137.36	
15	137.35	137.45	138.32	137.82	138.26	139.43	138.84	137.89	137.63	137.50	137.45	137.36	
16	137.35	137.55	138.38	137.82	141.78	139.84	138.72	137.85	137.61	137.49	137.46	137.36	
17	137.35	137.48	138.34	137.77	143.36	140.85	138.59	137.83	137.59	137.49	137.45	137.37	
18	137.35	137.42	138.55	137.79	143.72	140.40	138.52	137.83	137.59	137.49	137.45	137.37	
19	137.35	137.40	138.32	137.71	142.89	139.72	138.42	137.85	137.59	137.48	137.45	137.37	
20	137.34	137.42	138.20	137.64	140.88	139.14	138.37	137.84	137.60	137.48	137.45	137.37	
21	137.34	137.41	138.32	137.59	140.57	138.71	138.32	137.85	137.60	137.48	137.45	137.38	
22	137.34	137.39	138.12	137.74	141.30	138.47	138.27	137.85	137.59	137.48	137.45	137.38	
23	137.34	137.37	137.97	137.65	142.42	138.33	138.23	137.81	137.57	137.48	137.45	137.39	
24	137.33	137.35	138.03	137.98	142.15	138.17	138.20	137.80	137.57	137.47	137.42	137.39	
25	137.40	137.35	137.94	137.67	140.26	138.07	138.18	137.80	137.56	137.47	137.42	137.38	
26	137.41	137.40	137.92	137.64	139.42	138.54	138.17	137.80	137.55	137.46	137.41	137.38	
27	137.39	138.41	138.06	137.85	139.08	138.42	138.14	137.78	137.55	137.46	137.40	137.41	
28	137.39	140.61	138.23	138.62	139.18	138.45	138.08	137.78	137.54	137.46	137.40	137.41	
29	137.42	141.01	138.33	138.56	138.85	138.82	138.01	137.75	137.54	137.46	137.40	137.47	
30	137.93	140.63	138.14	138.11	138.97	138.86	138.13	137.75	137.53	137.48	137.48	137.47	
31		139.37		137.95	138.79		138.23		137.53	137.48		137.47	
Mean	137.39	137.86	138.46	138.03	140.12	139.28	139.62	138.06	137.64	137.50	137.45	137.39	
Max	137.93	141.01	140.81	138.68	143.72	141.79	144.42	139.00	137.75	137.55	137.47	137.47	144.42
Min	137.33	137.35	137.92	137.59	137.83	138.07	138.01	137.75	137.53	137.46	137.40	137.36	137.33
Annual Max Momentary Gage Height	144.50		m. (MSL.) ,				at 14.00 Hours ,						
Zero Gage at Bottom Elevation	136.90		m. (MSL.) ,			River Bed	137.13	m. (MSL.)					
Left Bank Elevation		142.69		m. (MSL.) ,									
Right Bank Elevation		146.01		m. (MSL.) ,		Drainage Are	414	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.80	15.64	2.55	1.20	4.53	4.53	6.89	0.88	0.33	0.18	0.00	
2	0.00	0.38	5.79	3.32	1.08	4.36	4.47	7.00	0.85	0.33	0.18	0.00	
3	0.00	0.25	2.99	3.59	2.38	11.32	18.53	5.68	0.85	0.30	0.18	0.00	
4	0.00	0.13	3.15	2.66	1.30	29.53	70.50	5.08	0.85	0.30	0.18	0.00	
5	0.00	0.23	13.30	1.50	13.12	38.96	186.60	4.31	0.85	0.30	0.18	0.00	
6	0.00	0.23	25.32	0.95	6.40	17.61	148.00	3.76	0.88	0.38	0.18	0.00	
7	0.00	0.13	11.50	0.75	29.53	12.04	91.70	3.21	0.88	0.35	0.18	0.00	
8	0.00	0.08	5.57	2.71	57.84	7.99	60.00	2.66	0.88	0.35	0.18	0.00	
9	0.00	0.08	3.10	5.24	32.87	5.46	42.32	2.16	0.83	0.35	0.18	0.00	
10	0.00	0.03	1.72	4.91	17.38	5.19	23.59	1.72	0.83	0.35	0.18	0.00	
11	0.00	0.00	1.48	3.04	11.77	6.07	16.23	1.48	0.78	0.28	0.15	0.00	
12	0.00	0.00	1.35	3.87	7.90	9.88	12.40	1.33	0.73	0.28	0.15	0.00	
13	0.00	0.00	2.05	2.77	5.85	20.03	10.06	1.23	0.70	0.25	0.15	0.00	
14	0.00	0.08	2.71	1.50	3.76	15.64	7.36	1.28	0.63	0.25	0.13	0.00	
15	0.00	0.13	3.26	1.05	2.93	10.87	6.12	1.23	0.58	0.25	0.13	0.00	
16	0.00	0.38	3.59	1.05	38.81	14.56	5.46	1.13	0.53	0.23	0.15	0.00	
17	0.00	0.20	3.37	0.93	65.80	25.78	4.75	1.08	0.48	0.23	0.13	0.00	
18	0.00	0.05	4.53	0.98	86.20	20.60	4.36	1.08	0.48	0.23	0.13	0.00	
19	0.00	0.00	3.26	0.78	56.24	13.48	3.81	1.13	0.48	0.20	0.13	0.00	
20	0.00	0.05	2.60	0.60	26.12	8.26	3.54	1.10	0.50	0.20	0.13	0.00	
21	0.00	0.03	3.26	0.48	22.56	5.41	3.26	1.13	0.50	0.20	0.13	0.00	
22	0.00	0.00	2.16	0.85	31.85	4.09	2.99	1.13	0.48	0.20	0.13	0.00	
23	0.00	0.00	1.43	0.63	48.72	3.32	2.77	1.03	0.43	0.20	0.13	0.00	
24	0.00	0.00	1.67	1.45	44.40	2.44	2.60	1.00	0.43	0.18	0.05	0.00	
25	0.00	0.00	1.35	0.68	18.99	1.89	2.49	1.00	0.40	0.18	0.05	0.00	
26	0.03	0.00	1.30	0.60	10.78	4.47	2.44	1.00	0.38	0.15	0.03	0.00	
27	0.00	3.76	1.83	1.13	7.72	3.81	2.27	0.95	0.38	0.15	0.00	0.03	
28	0.00	23.02	2.77	4.91	8.62	3.98	1.94	0.95	0.35	0.15	0.00	0.03	
29	0.05	27.65	3.32	4.58	6.18	6.01	1.56	0.88	0.35	0.15	0.00	0.18	
30	1.33	23.25	2.27	2.11	6.84	6.23	2.22	0.88	0.33	0.20	0.00	0.18	
31		10.33		1.38	5.85		2.77		0.33	0.20		0.18	
Total	1.41	91.27	137.64	63.55	680.99	323.81	751.64	64.49	18.83	7.70	3.70	0.60	2145.63 CMSDAY
Mean	0.05	2.94	4.59	2.05	21.97	10.79	24.25	2.15	0.61	0.25	0.13	0.02	5.86 CMS
Max	1.33	27.65	25.32	5.24	86.20	38.96	186.60	7.00	0.88	0.38	0.18	0.18	186.60 CMS
Min	0.00	0.00	1.30	0.48	1.08	1.89	1.56	0.88	0.33	0.15	0.00	0.00	0.00 CMS
Runoff	0.12	7.89	11.89	5.49	58.84	27.98	64.94	5.57	1.63	0.67	0.32	0.05	185.38 MCM
Momentary Peak	201.00 CMS. at 144.50 m. (MSL.) at 14.00 Hours , on Oct 5, 2007												
Runoff Yield	14.20 Liters/Second/Square KM.			Momentary Peak Yield			485.51 Liters/Second/Square KM.						

WATER YEAR : 2007

KHONG RIVER BASIN

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

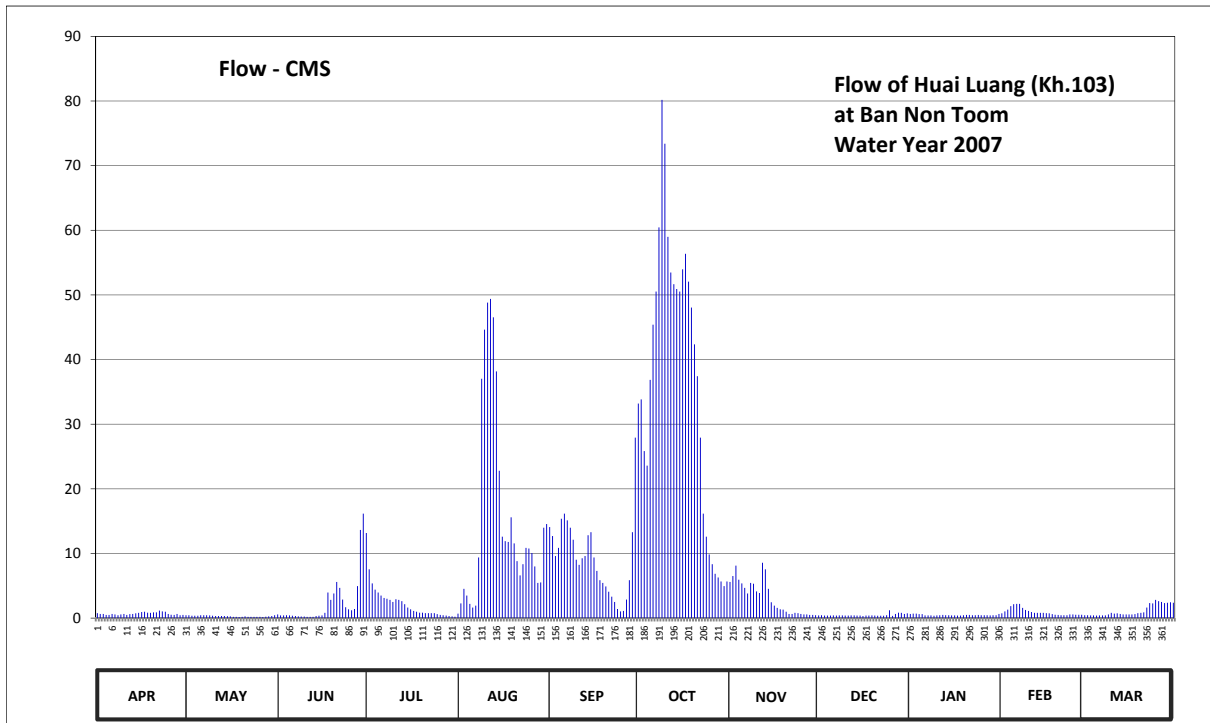
Lat 17 - 28 - 56 N Long 102 - 47 - 49 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +170.860 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	167.08	167.00	167.03	168.58	167.06	168.66	169.95	167.87	166.99	167.05	167.07	167.00	
2	167.05	167.00	166.99	168.09	167.36	168.54	169.99	168.00	167.00	167.06	167.14	167.00	
3	167.05	166.97	166.99	167.84	167.72	168.27	169.49	168.14	166.98	167.06	167.19	166.99	
4	167.01	166.97	167.00	167.70	167.56	168.38	169.35	167.92	166.98	167.04	167.29	166.99	
5	167.01	166.97	166.99	167.63	167.35	168.77	170.15	167.84	166.98	167.04	167.34	166.98	
6	167.05	167.00	166.97	167.56	167.25	168.84	170.60	167.74	166.99	166.99	167.35	166.99	
7	167.03	167.00	166.95	167.50	167.30	168.75	170.87	167.61	166.98	166.99	167.35	166.99	
8	167.00	167.00	166.93	167.48	168.25	168.65	171.31	167.85	166.99	166.99	167.24	166.99	
9	167.03	166.99	166.92	167.45	170.16	168.49	172.11	167.83	166.99	166.97	167.18	167.03	
10	167.05	166.97	166.92	167.40	170.56	168.22	171.85	167.66	166.98	166.99	167.15	167.09	
11	167.01	166.95	166.90	167.47	170.78	168.15	171.25	167.62	166.98	167.00	167.12	167.06	
12	167.04	166.95	166.90	167.45	170.81	168.24	171.02	168.18	166.99	167.01	167.09	167.07	
13	167.05	166.95	166.90	167.42	170.66	168.27	170.93	168.09	166.99	167.00	167.09	167.05	
14	167.07	166.95	166.95	167.34	170.22	168.55	170.89	167.72	166.98	167.00	167.09	167.03	
15	167.09	166.94	166.97	167.25	169.30	168.59	170.87	167.39	166.98	166.99	167.09	167.03	
16	167.12	166.93	166.99	167.20	168.53	168.25	171.04	167.30	166.95	166.99	167.08	167.03	
17	167.13	166.90	167.09	167.15	168.47	168.07	171.14	167.24	166.98	166.98	167.07	167.03	
18	167.10	166.90	167.63	167.13	168.46	167.91	170.95	167.20	166.98	166.98	167.04	167.04	
19	167.09	166.89	167.45	167.10	168.79	167.85	170.74	167.19	166.99	167.00	167.02	167.08	
20	167.11	166.90	167.61	167.10	168.44	167.77	170.44	167.13	166.98	167.01	167.01	167.09	
21	167.11	166.93	167.87	167.08	168.20	167.65	170.18	167.05	166.97	167.01	167.00	167.11	
22	167.16	166.90	167.74	167.08	168.01	167.53	169.62	167.05	166.97	167.00	167.00	167.25	
23	167.14	166.90	167.46	167.08	168.16	167.40	168.84	167.09	166.97	167.00	167.00	167.37	
24	167.13	166.90	167.26	167.08	168.38	167.21	168.53	167.08	167.00	167.01	167.03	167.36	
25	167.05	166.90	167.20	167.04	168.37	167.14	168.29	167.05	167.17	167.00	167.03	167.45	
26	167.02	166.90	167.17	167.01	168.31	167.15	168.16	167.03	166.96	167.00	167.02	167.42	
27	167.01	166.89	167.21	167.00	168.13	167.46	168.03	167.03	167.05	167.00	167.02	167.40	
28	167.05	166.91	167.78	166.98	167.85	167.91	167.97	167.01	167.10	166.99	167.02	167.37	
29	167.00	166.93	168.62	166.95	167.86	168.59	167.88	167.01	167.09	167.00	167.02	167.38	
30	167.01	166.95	168.84	166.93	168.65	169.62	167.78	167.00	167.05	167.00	167.03	167.39	
31		167.00		166.91	168.70		167.88		167.07	167.05		167.38	
Mean	167.06	166.94	167.27	167.32	168.57	168.16	169.94	167.46	167.00	167.01	167.11	167.14	
Max	167.16	167.00	168.84	168.58	170.81	169.62	172.11	168.18	167.17	167.06	167.35	167.45	172.11
Min	167.00	166.89	166.90	166.91	167.06	167.14	167.78	167.00	166.95	166.97	167.00	166.98	166.89
Annual Max Momentary Gage Height	172.29		m. (MSL.) ,				at 17.00 Hours ,						on Oct 9 , 2007
Zero Gage at Bottom Elevation	166.50		m. (MSL.) ,			River Bed	166.73		m. (MSL.)				
Left Bank Elevation		171.52		m. (MSL.) ,									
Right Bank Elevation		170.85		m. (MSL.) ,		Drainage Are	1,235		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.77	0.45	0.57	13.17	0.69	14.09	33.20	5.59	0.43	0.65	0.73	0.45	
2	0.65	0.45	0.43	7.54	2.27	12.71	33.84	6.50	0.45	0.69	1.05	0.45	
3	0.65	0.38	0.43	5.38	4.54	9.61	25.84	8.11	0.40	0.69	1.30	0.43	
4	0.49	0.38	0.45	4.40	3.50	10.87	23.60	5.94	0.40	0.61	1.86	0.43	
5	0.49	0.38	0.43	3.95	2.21	15.36	36.85	5.38	0.40	0.61	2.15	0.40	
6	0.65	0.45	0.38	3.50	1.64	16.16	45.40	4.68	0.43	0.43	2.21	0.43	
7	0.57	0.45	0.33	3.12	1.92	15.13	50.53	3.82	0.40	0.43	2.21	0.43	
8	0.45	0.45	0.28	3.00	9.38	13.98	60.44	5.45	0.43	0.43	1.58	0.43	
9	0.57	0.43	0.25	2.81	37.04	12.14	80.19	5.31	0.43	0.38	1.25	0.57	
10	0.65	0.38	0.25	2.50	44.64	9.03	73.40	4.14	0.40	0.43	1.10	0.81	
11	0.49	0.33	0.20	2.93	48.82	8.23	59.00	3.88	0.40	0.45	0.95	0.69	
12	0.61	0.33	0.20	2.81	49.39	9.26	53.48	8.57	0.43	0.49	0.81	0.73	
13	0.65	0.33	0.20	2.62	46.54	9.61	51.67	7.54	0.43	0.45	0.81	0.65	
14	0.73	0.33	0.33	2.15	38.18	12.83	50.91	4.54	0.40	0.45	0.81	0.57	
15	0.81	0.30	0.38	1.64	22.80	13.29	50.53	2.44	0.40	0.43	0.81	0.57	
16	0.95	0.28	0.43	1.35	12.60	9.38	53.96	1.92	0.33	0.43	0.77	0.57	
17	1.00	0.20	0.81	1.10	11.91	7.31	56.36	1.58	0.40	0.40	0.73	0.57	
18	0.85	0.20	3.95	1.00	11.79	5.87	52.05	1.35	0.40	0.40	0.61	0.61	
19	0.81	0.18	2.81	0.85	15.59	5.45	48.06	1.30	0.43	0.45	0.53	0.77	
20	0.90	0.20	3.82	0.85	11.56	4.89	42.36	1.00	0.40	0.49	0.49	0.81	
21	0.90	0.28	5.59	0.77	8.80	4.08	37.42	0.65	0.38	0.49	0.45	0.90	
22	1.15	0.20	4.68	0.77	6.62	3.31	27.92	0.65	0.38	0.45	0.45	1.64	
23	1.05	0.20	2.87	0.77	8.34	2.50	16.16	0.81	0.38	0.45	0.45	2.33	
24	1.00	0.20	1.69	0.77	10.87	1.41	12.60	0.77	0.45	0.49	0.57	2.27	
25	0.65	0.20	1.35	0.61	10.76	1.05	9.84	0.65	1.20	0.45	0.57	2.81	
26	0.53	0.20	1.20	0.49	10.07	1.10	8.34	0.57	0.35	0.45	0.53	2.62	
27	0.49	0.18	1.41	0.45	8.00	2.87	6.85	0.57	0.65	0.45	0.53	2.50	
28	0.65	0.23	4.96	0.40	5.45	5.87	6.29	0.49	0.85	0.43	0.53	2.33	
29	0.45	0.28	13.63	0.33	5.52	13.29	5.66	0.49	0.81	0.45	0.53	2.38	
30	0.49	0.33	16.16	0.28	13.98	27.92	4.96	0.45	0.65	0.45		2.44	
31		0.45		0.23	14.55		5.66		0.73	0.65		2.38	
Total	21.10	9.63	70.47	72.54	479.97	278.60	1123.37	95.14	15.02	15.00	27.37	35.97	2244.18 CMSDAY
Mean	0.70	0.31	2.35	2.34	15.48	9.29	36.24	3.17	0.48	0.48	0.94	1.16	6.13 CMS
Max	1.15	0.45	16.16	13.17	49.39	27.92	80.19	8.57	1.20	0.69	2.21	2.81	80.19 CMS
Min	0.45	0.18	0.20	0.23	0.69	1.05	4.96	0.45	0.33	0.38	0.45	0.40	0.18 CMS
Runoff	1.82	0.83	6.09	6.27	41.47	24.07	97.06	8.22	1.30	1.30	2.36	3.11	193.90 MCM
Momentary Peak	85.41	CMS.	at 172.29 m. (MSL.) at 17.00 Hours , on Oct 9, 2007										
Runoff Yield	4.98	Liters/Second/Square KM.		Momentary Peak Yield		69.16	Liters/Second/Square KM.						

WATER YEAR : 2007

KHONG RIVER BASIN

Huai Puan at Ban Pa Noi , Loei (Kh.105)

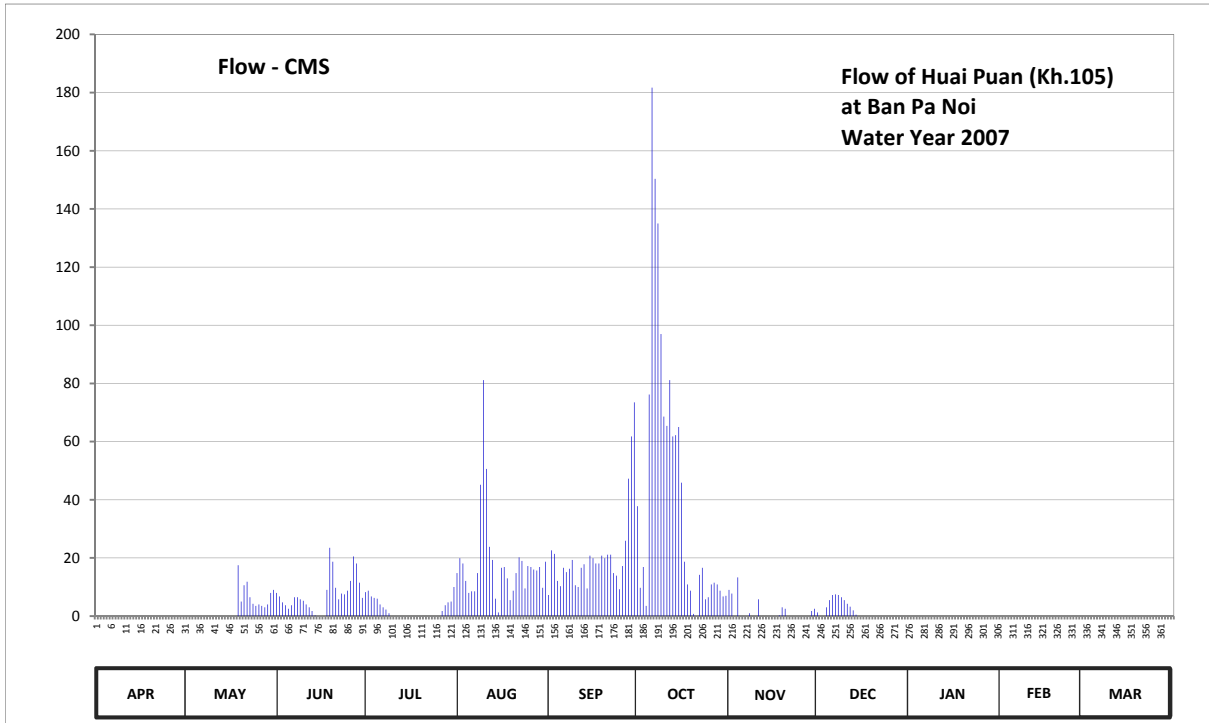
Lat 17 - 21 - 43 N Long 101 - 49 - 46 E

Location : on right bank at the bridge on highway.

	Ban Pa Noi	Amphoe Wang Saphung	Changwat Loei
Drainage Area	948 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+247.500 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+258.341 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 means of 3 readings.		
Period of Available Gage Records	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 11 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	249.55	249.64	251.32	251.33	251.56	251.29	252.28	251.36	251.05	250.64	250.21	249.95	
2	249.58	249.63	251.27	251.35	251.73	251.82	251.39	251.31	250.99	250.61	250.23	249.93	
3	249.58	249.63	251.19	251.27	251.67	251.78	251.63	250.99	250.98	250.60	250.26	249.91	
4	249.57	249.65	251.15	251.25	251.47	251.47	251.14	251.51	251.12	250.58	250.28	249.90	
5	249.56	249.69	251.10	251.24	251.32	251.41	253.26	250.85	251.22	250.55	250.29	249.88	
6	249.56	249.68	251.15	251.16	251.34	251.62	255.34	250.88	251.29	250.53	250.30	249.87	
7	249.55	249.70	251.26	251.12	251.34	251.57	254.77	250.84	251.30	250.51	250.31	249.84	
8	249.54	249.67	251.26	251.09	251.56	251.61	254.48	251.04	251.29	250.48	250.33	249.80	
9	249.53	249.65	251.23	251.04	252.49	251.71	253.72	250.66	251.26	250.47	250.33	249.77	
10	249.52	249.64	251.21	251.00	253.37	251.42	253.09	250.97	251.22	250.45	250.34	249.76	
11	249.55	249.64	251.16	250.95	252.64	251.40	253.01	251.23	251.17	250.44	250.34	249.74	
12	249.58	249.66	251.12	250.89	251.86	251.62	253.37	250.98	251.13	250.42	250.34	249.73	
13	249.58	249.70	251.07	250.85	251.71	251.66	252.92	250.61	251.08	250.40	250.33	249.71	
14	249.57	249.69	251.01	250.81	251.24	251.38	252.93	250.26	251.02	250.38	250.33	249.69	
15	249.58	249.69	250.96	250.77	251.05	251.76	253.00	250.23	250.97	250.37	250.31	249.68	
16	249.58	249.68	250.94	250.73	251.62	251.73	252.51	250.39	250.93	250.36	250.31	249.68	
17	249.57	250.05	250.94	250.70	251.63	251.67	251.69	250.77	250.90	250.34	250.30	249.68	
18	249.57	250.97	251.36	250.68	251.50	251.67	251.43	251.01	250.88	250.32	250.29	249.67	
19	249.56	251.65	251.85	250.66	251.22	251.76	251.35	251.12	250.86	250.30	250.28	249.67	
20	249.55	251.20	251.69	250.65	251.35	251.73	251.03	251.10	250.84	250.28	250.25	249.66	
21	249.54	251.42	251.39	250.64	251.56	251.77	250.82	250.91	250.81	250.26	250.21	249.65	
22	249.53	251.46	251.23	250.64	251.74	251.77	251.54	250.63	250.79	250.25	250.14	249.64	
23	249.52	251.26	251.31	250.66	251.70	251.56	251.62	250.48	250.77	250.24	250.10	249.63	
24	249.51	251.17	251.30	250.72	251.38	251.53	251.23	250.55	250.78	250.24	250.07	249.61	
25	249.48	251.14	251.35	250.77	251.64	251.37	251.26	250.66	250.76	250.23	250.05	249.60	
26	249.48	251.16	251.47	250.91	251.63	251.64	251.43	250.73	250.73	250.22	250.02	249.61	
27	249.57	251.14	251.75	251.07	251.60	251.93	251.45	250.75	250.71	250.22	250.00	249.60	
28	249.58	251.12	251.67	251.15	251.59	252.55	251.43	250.89	250.71	250.21	249.99	249.59	
29	249.64	251.16	251.45	251.19	251.63	252.92	251.35	251.07	250.69	250.21	249.99	249.59	
30	249.66	251.32	251.25	251.20	251.39	253.20	251.27	251.10	250.67	250.21	250.21	249.59	
31		251.36		251.40	251.69		251.28		250.65	250.21		249.61	
Mean	249.56	250.39	251.28	250.96	251.65	251.74	252.23	250.86	250.95	250.37	250.23	249.72	
Max	249.66	251.65	251.85	251.40	253.37	253.20	255.34	251.51	251.30	250.64	250.34	249.95	255.34
Min	249.48	249.63	250.94	250.64	251.05	251.29	250.82	250.23	250.65	250.21	249.99	249.59	249.48
Annual Max Momentary Gage Height	255.53		m. (MSL.) ,				at 10.00 Hours ,						on Oct 6 , 2007
Zero Gage at Bottom Elevation	247.50		m. (MSL.) ,				River Bed	248.48		m. (MSL)			
Left Bank Elevation		258.29		m. (MSL.) ,									
Right Bank Elevation		258.31		m. (MSL.) ,			Drainage Are	948		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	8.00	8.25	14.80	7.25	37.80	9.00	1.25	0.00	0.00	0.00	
2	0.00	0.00	6.75	8.75	19.90	22.60	9.75	7.75	0.00	0.00	0.00	0.00	
3	0.00	0.00	4.75	6.75	18.10	21.40	16.90	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	3.75	6.25	12.10	12.10	3.50	13.30	3.00	0.00	0.00	0.00	
5	0.00	0.00	2.50	6.00	8.00	10.30	76.20	0.00	5.50	0.00	0.00	0.00	
6	0.00	0.00	3.75	4.00	8.50	16.60	181.70	0.00	7.25	0.00	0.00	0.00	
7	0.00	0.00	6.50	3.00	8.50	15.10	150.35	0.00	7.50	0.00	0.00	0.00	
8	0.00	0.00	6.50	2.25	14.80	16.30	135.00	1.00	7.25	0.00	0.00	0.00	
9	0.00	0.00	5.75	1.00	45.15	19.30	97.00	0.00	6.50	0.00	0.00	0.00	
10	0.00	0.00	5.25	0.00	81.15	10.60	68.60	0.00	5.50	0.00	0.00	0.00	
11	0.00	0.00	4.00	0.00	50.60	10.00	65.40	5.75	4.25	0.00	0.00	0.00	
12	0.00	0.00	3.00	0.00	23.80	16.60	81.15	0.00	3.25	0.00	0.00	0.00	
13	0.00	0.00	1.75	0.00	19.30	17.80	61.80	0.00	2.00	0.00	0.00	0.00	
14	0.00	0.00	0.25	0.00	6.00	9.50	62.20	0.00	0.50	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	1.25	20.80	65.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	16.60	19.90	45.85	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	16.90	18.10	18.70	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	9.00	0.00	13.00	18.10	10.90	0.25	0.00	0.00	0.00	0.00	
19	0.00	17.50	23.50	0.00	5.50	20.80	8.75	3.00	0.00	0.00	0.00	0.00	
20	0.00	5.00	18.70	0.00	8.75	19.90	0.75	2.50	0.00	0.00	0.00	0.00	
21	0.00	10.60	9.75	0.00	14.80	21.10	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	11.80	5.75	0.00	20.20	21.10	14.20	0.00	0.00	0.00	0.00	0.00	
23	0.00	6.50	7.75	0.00	19.00	14.80	16.60	0.00	0.00	0.00	0.00	0.00	
24	0.00	4.25	7.50	0.00	9.50	13.90	5.75	0.00	0.00	0.00	0.00	0.00	
25	0.00	3.50	8.75	0.00	17.20	9.25	6.50	0.00	0.00	0.00	0.00	0.00	
26	0.00	4.00	12.10	0.00	16.90	17.20	10.90	0.00	0.00	0.00	0.00	0.00	
27	0.00	3.50	20.50	1.75	16.00	25.90	11.50	0.00	0.00	0.00	0.00	0.00	
28	0.00	3.00	18.10	3.75	15.70	47.25	10.90	0.00	0.00	0.00	0.00	0.00	
29	0.00	4.00	11.50	4.75	16.90	61.80	8.75	1.75	0.00	0.00	0.00	0.00	
30	0.00	8.00	6.25	5.00	9.75	73.50	6.75	2.50	0.00	0.00	0.00	0.00	
31	0.00	9.00	0.00	10.00	18.70	0.00	7.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	90.65	221.65	71.50	567.35	628.85	1296.15	46.80	53.75	0.00	0.00	0.00	2976.70 CMSDAY
Mean	0.00	2.92	7.39	2.31	18.30	20.96	41.81	1.56	1.73	0.00	0.00	0.00	8.13 CMS
Max	0.00	17.50	23.50	10.00	81.15	73.50	181.70	13.30	7.50	0.00	0.00	0.00	181.70 CMS
Min	0.00	0.00	0.00	0.00	1.25	7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	7.83	19.15	6.18	49.02	54.33	111.99	4.04	4.64	0.00	0.00	0.00	257.19 MCM
Momentary Peak	192.80	CMS. at 255.53 m. (MSL.) at 10.00 Hours , on Oct 6, 2007											
Runoff Yield	8.60	Liters/Second/Square KM. Momentary Peak Yield 203.38 Liters/Second/Square KM.											

WATER YEAR : 2007

NAM MAE ING RIVER BASIN

Nam Waen at Ban Nam Waen, Phayao (1.6)

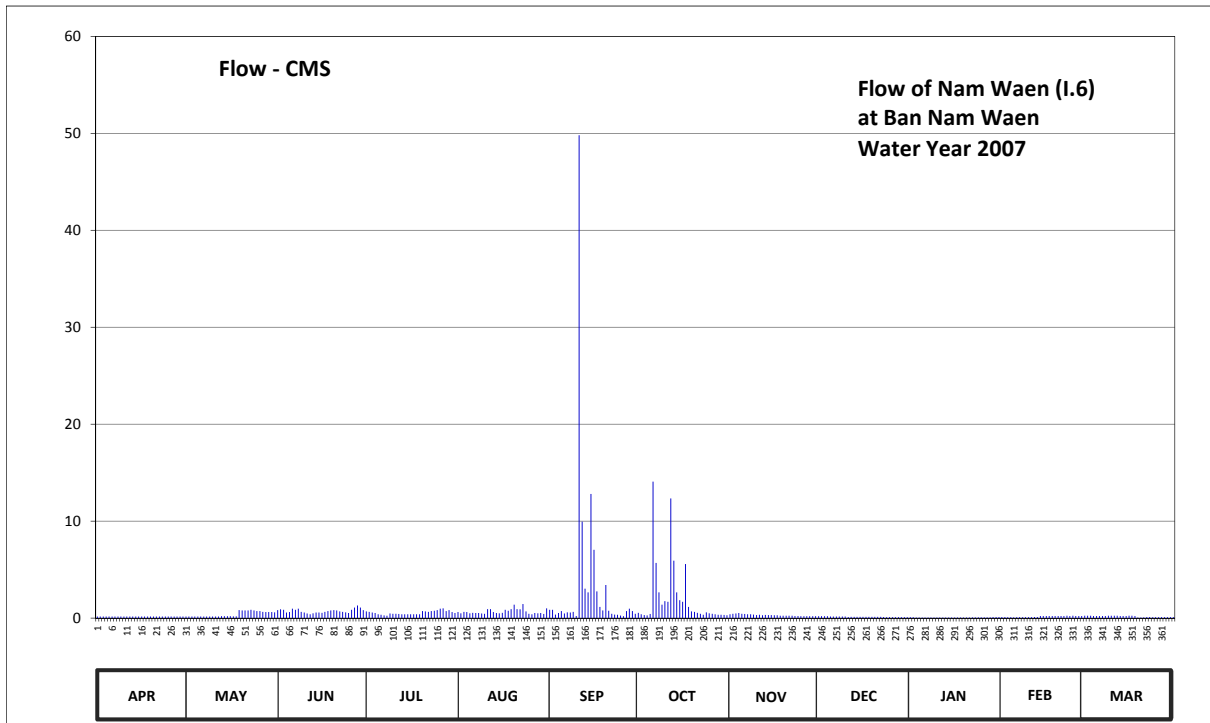
Lat 19 - 29 - 21 N Long 100 - 16 - 33 E

Location : on left bank at the bridge of Amphoe Chum - Amphoe Chiang Kham Highway.

	Ban	Nam Waen	Amphoe	Chiang Kham	Changwat	Phayao
Drainage Area	151	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 in the vicinity of gage observer's house.				Elevation	+8.152 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	1980 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 because of backwater effect.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Flow effected by Nam Waen reservoir about 4 - 5 kilometers above gage site. Stage-discharge relation defined by 13 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.90	0.90	0.75	0.71	0.69	0.76	0.66	0.60	0.46	0.38	0.40	0.49	
2	0.90	0.90	0.77	0.70	0.64	0.76	0.60	0.62	0.46	0.38	0.40	0.49	
3	0.90	0.90	0.76	0.67	0.70	0.58	0.54	0.63	0.45	0.36	0.38	0.49	
4	0.90	0.90	0.67	0.65	0.69	0.65	0.52	0.65	0.45	0.36	0.38	0.47	
5	0.90	0.90	0.69	0.60	0.64	0.72	0.61	0.62	0.44	0.36	0.37	0.47	
6	0.90	0.90	0.79	0.56	0.66	0.63	1.88	0.61	0.44	0.36	0.38	0.47	
7	0.90	0.90	0.76	0.52	0.65	0.68	1.29	0.60	0.43	0.36	0.38	0.47	
8	0.90	0.90	0.79	0.50	0.65	0.67	1.00	0.60	0.43	0.36	0.38	0.48	
9	0.90	0.90	0.70	0.63	0.63	0.70	0.85	0.57	0.43	0.36	0.38	0.49	
10	0.90	0.90	0.67	0.62	0.62	0.48	0.90	0.54	0.44	0.35	0.38	0.49	
11	0.90	0.90	0.63	0.62	0.78	3.48	0.89	0.56	0.40	0.36	0.38	0.49	
12	0.90	0.90	0.60	0.61	0.78	1.61	1.77	0.53	0.41	0.36	0.40	0.49	
13	0.90	1.00	0.64	0.60	0.69	1.04	1.31	0.55	0.41	0.36	0.40	0.48	
14	0.90	1.00	0.67	0.60	0.65	1.00	1.00	0.54	0.41	0.36	0.47	0.48	
15	0.90	1.00	0.67	0.60	0.64	1.80	0.91	0.54	0.41	0.36	0.48	0.47	
16	0.90	1.00	0.66	0.60	0.66	1.40	0.89	0.53	0.41	0.36	0.48	0.49	
17	0.90	0.96	0.70	0.60	0.76	1.01	1.28	0.53	0.41	0.36	0.48	0.49	
18	0.90	0.96	0.72	0.60	0.73	0.82	0.82	0.50	0.41	0.36	0.48	0.48	
19	0.90	0.75	0.74	0.60	0.78	0.74	0.71	0.49	0.41	0.36	0.48	0.60	
20	0.90	0.74	0.75	0.72	0.85	1.08	0.70	0.50	0.41	0.35	0.48	0.60	
21	0.90	0.74	0.74	0.71	0.78	0.73	0.66	0.50	0.41	0.35	0.48	0.68	
22	0.90	0.74	0.71	0.70	0.77	0.62	0.62	0.49	0.41	0.37	0.48	0.75	
23	0.90	0.76	0.70	0.72	0.86	0.58	0.56	0.48	0.40	0.37	0.49	0.75	
24	0.90	0.74	0.68	0.73	0.71	0.56	0.68	0.47	0.38	0.37	0.48	0.73	
25	0.90	0.72	0.65	0.75	0.62	0.51	0.64	0.46	0.38	0.37	0.49	0.73	
26	0.90	0.72	0.76	0.79	0.59	0.46	0.62	0.46	0.38	0.37	0.48	0.74	
27	0.90	0.70	0.81	0.80	0.65	0.72	0.59	0.46	0.38	0.37	0.48	0.73	
28	0.90	0.69	0.84	0.72	0.64	0.79	0.56	0.46	0.38	0.37	0.48	0.73	
29	0.90	0.69	0.81	0.75	0.65	0.72	0.56	0.46	0.38	0.40	0.48	0.70	
30	0.90	0.69	0.75	0.69	0.61	0.62	0.55	0.46	0.38	0.40	0.48	0.70	
31		0.68		0.65	0.80		0.53		0.38	0.40		0.70	
Mean	0.90	0.84	0.72	0.66	0.70	0.90	0.83	0.53	0.41	0.37	0.44	0.57	
Max	0.90	1.00	0.84	0.80	0.86	3.48	1.88	0.65	0.46	0.40	0.49	0.75	3.48
Min	0.90	0.68	0.60	0.50	0.59	0.46	0.52	0.46	0.38	0.35	0.37	0.47	0.35
Annual Max Momentary Gage Height	5.10	m. (A.D.) ,		at 15.00 Hours , on Sep 11, 2007									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed	0.26	m. (A.D.) ,							
Left Bank Elevation	8.78	m. (A.D.) ,											
Right Bank Elevation	8.80	m. (A.D.) ,		Drainage Are	151	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.16	0.16	0.83	0.69	0.63	0.86	0.55	0.40	0.20	0.10	0.12	0.24	
2	0.16	0.16	0.90	0.65	0.50	0.86	0.40	0.45	0.20	0.10	0.12	0.24	
3	0.16	0.16	0.86	0.58	0.65	0.37	0.31	0.48	0.19	0.07	0.10	0.24	
4	0.16	0.16	0.58	0.53	0.63	0.53	0.28	0.53	0.19	0.07	0.10	0.21	
5	0.16	0.16	0.63	0.40	0.50	0.72	0.43	0.45	0.17	0.07	0.08	0.21	
6	0.16	0.16	0.97	0.34	0.55	0.48	14.08	0.43	0.17	0.07	0.10	0.21	
7	0.16	0.16	0.86	0.28	0.53	0.60	5.69	0.40	0.16	0.07	0.10	0.21	
8	0.16	0.16	0.97	0.25	0.53	0.58	2.65	0.40	0.16	0.07	0.10	0.22	
9	0.16	0.16	0.65	0.48	0.48	0.65	1.38	0.36	0.16	0.07	0.10	0.24	
10	0.16	0.16	0.58	0.45	0.45	0.22	1.75	0.31	0.17	0.06	0.10	0.24	
11	0.16	0.16	0.48	0.45	0.93	49.81	1.68	0.34	0.12	0.07	0.10	0.24	
12	0.16	0.16	0.40	0.43	0.93	9.95	12.35	0.30	0.13	0.07	0.12	0.24	
13	0.16	0.20	0.50	0.40	0.63	3.03	5.93	0.33	0.13	0.07	0.12	0.22	
14	0.16	0.20	0.58	0.40	0.53	2.65	2.65	0.31	0.13	0.07	0.21	0.22	
15	0.16	0.20	0.58	0.40	0.50	12.80	1.84	0.31	0.13	0.07	0.22	0.21	
16	0.16	0.20	0.55	0.40	0.55	7.05	1.68	0.30	0.13	0.07	0.22	0.24	
17	0.16	0.18	0.65	0.40	0.86	2.75	5.57	0.30	0.13	0.07	0.22	0.24	
18	0.16	0.18	0.72	0.40	0.76	1.15	1.15	0.25	0.13	0.07	0.22	0.22	
19	0.16	0.83	0.79	0.40	0.93	0.79	0.69	0.24	0.13	0.07	0.22	0.06	
20	0.16	0.79	0.83	0.72	1.38	3.41	0.65	0.25	0.13	0.06	0.22	0.06	
21	0.16	0.79	0.79	0.69	0.93	0.76	0.55	0.25	0.13	0.06	0.22	0.08	
22	0.16	0.79	0.69	0.65	0.90	0.45	0.45	0.24	0.13	0.08	0.22	0.11	
23	0.16	0.86	0.65	0.72	1.45	0.37	0.34	0.22	0.12	0.08	0.24	0.11	
24	0.16	0.79	0.60	0.76	0.69	0.34	0.60	0.21	0.10	0.08	0.22	0.10	
25	0.16	0.72	0.53	0.83	0.45	0.27	0.50	0.20	0.10	0.08	0.24	0.10	
26	0.16	0.72	0.86	0.97	0.39	0.20	0.45	0.20	0.10	0.08	0.22	0.10	
27	0.16	0.65	1.08	1.00	0.53	0.72	0.39	0.20	0.10	0.08	0.22	0.10	
28	0.16	0.63	1.30	0.72	0.50	0.97	0.34	0.20	0.10	0.08	0.22	0.10	
29	0.16	0.63	1.08	0.83	0.53	0.72	0.34	0.20	0.10	0.12	0.22	0.09	
30	0.16	0.63	0.83	0.63	0.43	0.45	0.33	0.20	0.10	0.12		0.09	
31		0.60		0.53	1.00		0.30		0.10	0.12		0.09	
Total	4.80	12.51	22.32	17.38	21.25	104.51	66.30	9.26	4.24	2.42	4.91	5.28	275.18 CMSDAY
Mean	0.16	0.40	0.74	0.56	0.69	3.48	2.14	0.31	0.14	0.08	0.17	0.17	0.75 CMS
Max	0.16	0.86	1.30	1.00	1.45	49.81	14.08	0.53	0.20	0.12	0.24	0.24	49.81 CMS
Min	0.16	0.16	0.40	0.25	0.39	0.20	0.28	0.20	0.10	0.06	0.08	0.06	0.06 CMS
Runoff	0.41	1.08	1.93	1.50	1.84	9.03	5.73	0.80	0.37	0.21	0.42	0.46	23.78 MCM
Momentary Peak	97.50 CMS. at 5.10 m. (A.D.) at 15.00 Hours , on Sep 11 , 2007												
Runoff Yield	4.99 Liters/Second/Square KM.			Momentary Peak Yield 645.70 Liters/Second/Square KM.									

WATER YEAR : 2007

NAM MAE ING RIVER BASIN

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

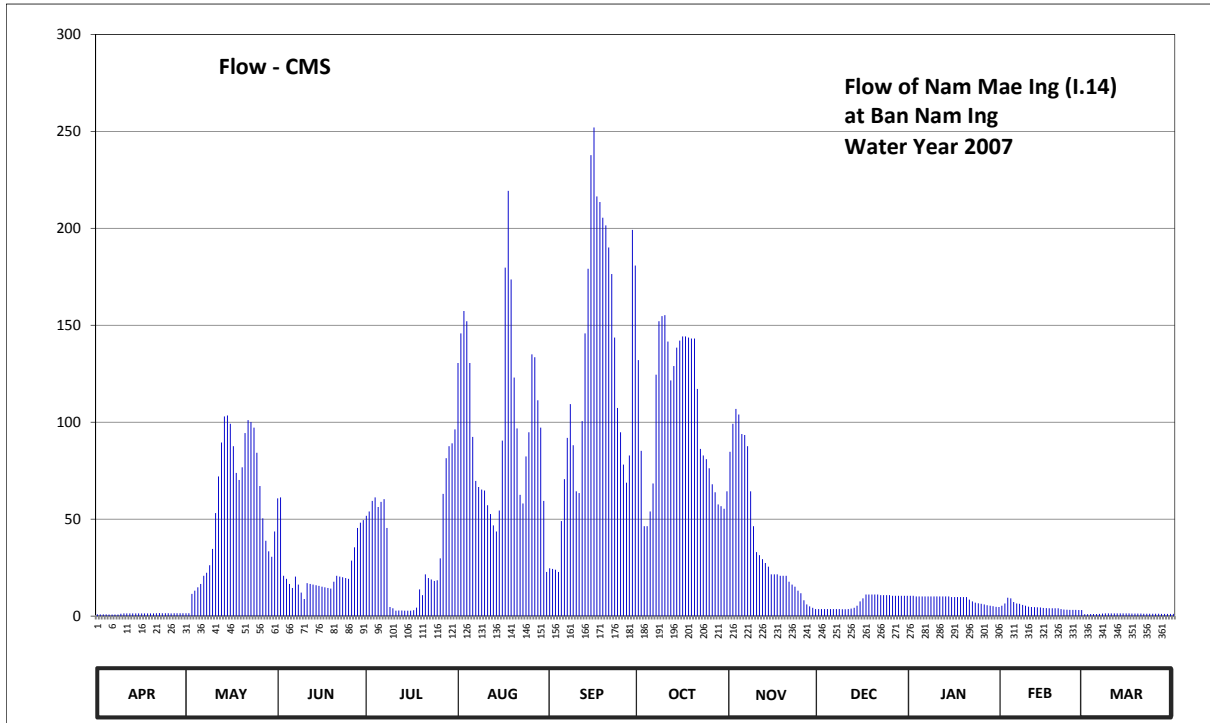
Lat 19 - 49 - 56 N Long 100 - 12 - 15 E

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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by the local weir about 100 meters downstream from the gage site. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	352.50	353.09	354.35	354.15	355.81	353.51	355.84	354.87	352.63	353.12	352.89	352.56	
2	352.49	353.09	354.36	354.20	356.11	353.50	354.88	355.17	352.63	353.12	352.99	352.60	
3	352.48	353.15	353.41	354.32	356.33	353.49	354.03	355.33	352.63	353.11	353.09	352.63	
4	352.54	353.20	353.37	354.36	356.23	353.46	354.03	355.27	352.63	353.11	353.08	352.67	
5	352.46	353.25	353.30	354.25	355.81	354.09	354.20	355.06	352.63	353.11	353.02	352.70	
6	352.45	353.30	353.24	354.31	355.03	354.57	354.52	355.05	352.63	353.11	352.99	352.73	
7	352.44	353.41	353.40	354.34	354.55	355.02	355.69	354.93	352.63	353.11	352.98	352.93	
8	352.43	353.45	353.29	354.01	354.48	355.38	356.23	354.43	352.63	353.11	352.93	352.98	
9	352.84	353.55	353.17	352.81	354.45	354.94	356.28	354.03	352.61	353.11	352.89	353.00	
10	353.01	353.76	353.07	352.71	354.44	354.43	356.29	353.72	352.61	353.11	352.83	353.00	
11	352.99	354.18	353.31	352.46	354.27	354.41	356.03	353.68	352.63	353.11	352.81	353.01	
12	352.98	354.60	353.30	352.48	354.17	355.20	355.63	353.63	352.68	353.11	352.80	353.01	
13	352.96	354.97	353.29	352.47	354.04	356.11	355.78	353.58	352.75	353.11	352.79	353.00	
14	352.99	355.25	353.28	352.46	353.97	356.73	355.97	353.53	352.89	353.11	352.77	352.97	
15	352.96	355.26	353.27	352.46	354.21	357.76	356.04	353.43	353.03	353.10	352.74	352.97	
16	352.96	355.17	353.26	352.45	354.99	358.00	356.08	353.43	353.08	353.10	352.72	352.96	
17	352.97	354.93	353.25	352.51	356.74	357.39	356.08	353.43	353.14	353.10	352.71	352.95	
18	352.98	354.64	353.24	352.76	357.44	357.34	356.07	353.41	353.14	353.10	352.71	352.93	
19	352.98	354.56	353.23	353.22	356.63	357.20	356.06	353.41	353.14	353.10	352.70	352.93	
20	352.96	354.70	353.33	353.13	355.66	357.13	356.06	353.41	353.14	353.10	352.70	352.91	
21	353.06	355.07	353.41	353.43	355.12	356.93	355.54	353.33	353.14	353.06	352.63	352.87	
22	353.15	355.21	353.40	353.38	354.39	356.68	354.90	353.29	353.13	353.03	352.57	352.85	
23	353.06	355.19	353.39	353.36	354.29	356.07	354.83	353.26	353.13	353.01	352.56	352.83	
24	353.05	355.13	353.38	353.34	354.82	355.34	354.79	353.20	353.13	353.00	352.55	352.80	
25	353.04	354.86	353.37	353.35	355.08	355.08	354.69	353.16	353.13	352.98	352.54	352.80	
26	353.03	354.49	353.61	353.64	355.90	354.73	354.51	353.05	353.12	352.95	352.54	352.80	
27	353.12	354.12	353.78	354.40	355.87	354.53	354.42	352.95	353.12	352.92	352.53	352.79	
28	353.11	353.86	354.01	354.80	355.42	354.83	354.28	352.85	353.12	352.89	352.53	352.78	
29	353.10	353.73	354.07	354.93	355.13	357.09	354.26	352.75	353.12	352.86	352.53	352.77	
30	353.09	353.66	354.10	354.96	354.32	356.76	354.23	352.63	353.12	352.82	352.53	352.76	
31		353.97		355.11	353.46		354.43		353.12	352.81		352.75	
Mean	352.87	354.22	353.47	353.57	355.13	355.59	355.25	353.78	352.91	353.05	352.76	352.85	
Max	353.15	355.26	354.36	355.11	357.44	358.00	356.29	355.33	353.14	353.12	353.09	353.01	358.00
Min	352.43	353.09	353.07	352.45	353.46	353.46	354.03	352.63	352.61	352.81	352.53	352.56	352.43
Annual Max Momentary Gage Height	358.41		m. (MSL.) ,				at 06.00 Hours ,		on Sep 16 , 2007				
Zero Gage at Bottom Elevation	351.43		m. (MSL.) ,			River Bed	351.06		m. (MSL.)				
Left Bank Elevation		362.03		m. (MSL.) ,									
Right Bank Elevation		362.04		m. (MSL.) ,		Drainage Are	6,266		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.90	1.49	60.75	51.75	130.50	24.69	132.00	84.76	3.65	10.46	5.32	0.96		
2	0.89	1.49	61.20	54.00	145.78	24.30	85.24	99.16	3.65	10.46	6.48	1.00		
3	0.88	11.45	20.79	59.40	157.33	23.91	46.35	106.87	3.65	10.13	9.48	1.03		
4	0.94	13.10	19.26	61.20	152.08	22.74	46.35	103.96	3.65	10.13	9.16	1.07		
5	0.86	14.85	16.60	56.25	130.50	49.05	54.00	93.88	3.65	10.13	7.24	1.10		
6	0.85	16.60	14.50	58.95	92.44	70.65	68.40	93.40	3.65	10.13	6.48	1.13		
7	0.84	20.79	20.40	60.30	69.75	91.96	124.51	87.64	3.65	10.13	6.36	1.33		
8	0.83	22.35	16.25	45.45	66.60	109.32	152.08	64.35	3.65	10.13	5.76	1.38		
9	1.24	26.25	12.11	4.68	65.25	88.12	154.70	46.35	3.55	10.13	5.32	1.40		
10	1.41	34.66	8.84	4.06	64.80	64.35	155.23	33.02	3.55	10.13	4.84	1.40		
11	1.39	53.10	16.98	2.84	57.15	63.45	141.58	31.40	3.65	10.13	4.68	1.41		
12	1.38	72.00	16.60	2.92	52.65	100.60	121.57	29.40	3.90	10.13	4.60	1.41		
13	1.36	89.56	16.25	2.88	46.80	145.78	129.00	27.42	4.30	10.13	4.54	1.40		
14	1.39	103.00	15.90	2.84	43.68	179.15	138.50	25.47	5.32	10.13	4.42	1.37		
15	1.36	103.48	15.55	2.84	54.45	237.70	142.10	21.57	7.56	9.80	4.24	1.37		
16	1.36	99.16	15.20	2.80	90.52	252.00	144.20	21.57	9.16	9.80	4.12	1.36		
17	1.37	87.64	14.85	3.05	179.70	216.43	144.20	21.57	11.12	9.80	4.06	1.35		
18	1.38	73.88	14.50	4.36	219.30	213.55	143.68	20.79	11.12	9.80	4.06	1.33		
19	1.38	70.20	14.15	13.80	173.65	205.50	143.15	20.79	11.12	9.80	4.00	1.33		
20	1.36	76.70	17.74	10.79	123.04	201.48	143.15	20.79	11.12	9.80	4.00	1.31		
21	1.46	94.36	20.79	21.57	96.76	190.15	117.16	17.74	11.12	8.52	3.65	1.27		
22	1.55	101.08	20.40	19.64	62.55	176.40	86.20	16.25	10.79	7.56	3.35	1.25		
23	1.46	100.12	20.02	18.88	58.05	143.68	82.84	15.20	10.79	6.92	3.30	1.23		
24	1.45	97.24	19.64	18.12	82.36	107.36	80.93	13.10	10.79	6.60	3.25	1.20		
25	1.44	84.28	19.26	18.50	94.84	94.84	76.23	11.78	10.79	6.36	3.20	1.20		
26	1.43	67.05	28.60	29.80	135.00	78.11	67.95	8.20	10.46	6.00	3.20	1.20		
27	1.52	50.40	35.48	63.00	133.50	68.85	63.90	6.00	10.46	5.64	3.15	1.19		
28	1.51	38.88	45.45	81.40	111.28	82.84	57.60	5.00	10.46	5.32	3.15	1.18		
29	1.50	33.43	48.15	87.64	97.24	199.18	56.70	4.30	10.46	5.08	3.15	1.17		
30	1.49	30.60	49.50	89.08	59.40	180.80	55.35	3.65	10.46	4.76		1.16		
31		43.68		96.28	22.74		64.35		10.46	4.68		1.15		
Total	38.18	1732.87	715.71	1049.07	3069.69	3706.94	3219.20	1155.38	231.71	268.72	138.56	38.64	15364.67	CMSDAY
Mean	1.27	55.90	23.86	33.84	99.02	123.56	103.85	38.51	7.47	8.67	4.78	1.25	41.98	CMS
Max	1.55	103.48	61.20	96.28	219.30	252.00	155.23	106.87	11.12	10.46	9.48	1.41	252.00	CMS
Min	0.83	1.49	8.84	2.80	22.74	22.74	46.35	3.65	3.55	4.68	3.15	0.96	0.83	CMS
Runoff	3.30	149.72	61.84	90.64	265.22	320.28	278.14	99.82	20.02	23.22	11.97	3.34	1327.51	MCM
Momentary Peak	277.70 CMS. at 358.41 m. (MSL.) at 06.00 Hours , on Sep 16 , 2007													
Runoff Yield	6.72 Liters/Second/Square KM.			Momentary Peak Yield				44.32 Liters/Second/Square KM.						

WATER YEAR : 2007

NAM MAE ING RIVER BASIN

Nam Mae Ing at Ban Jae Dee Ngam , Phayao (1.17)

Lat 19 - 10 - 11 N Long 99 - 56 - 13 E

Location : on left bank at Ban Jae Dee Ngam.

	Ban	Jae Dee Ngam	Amphoe	Mueang	Changwat	Phayao
Drainage Area	1,167	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	+3.000 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	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 7 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

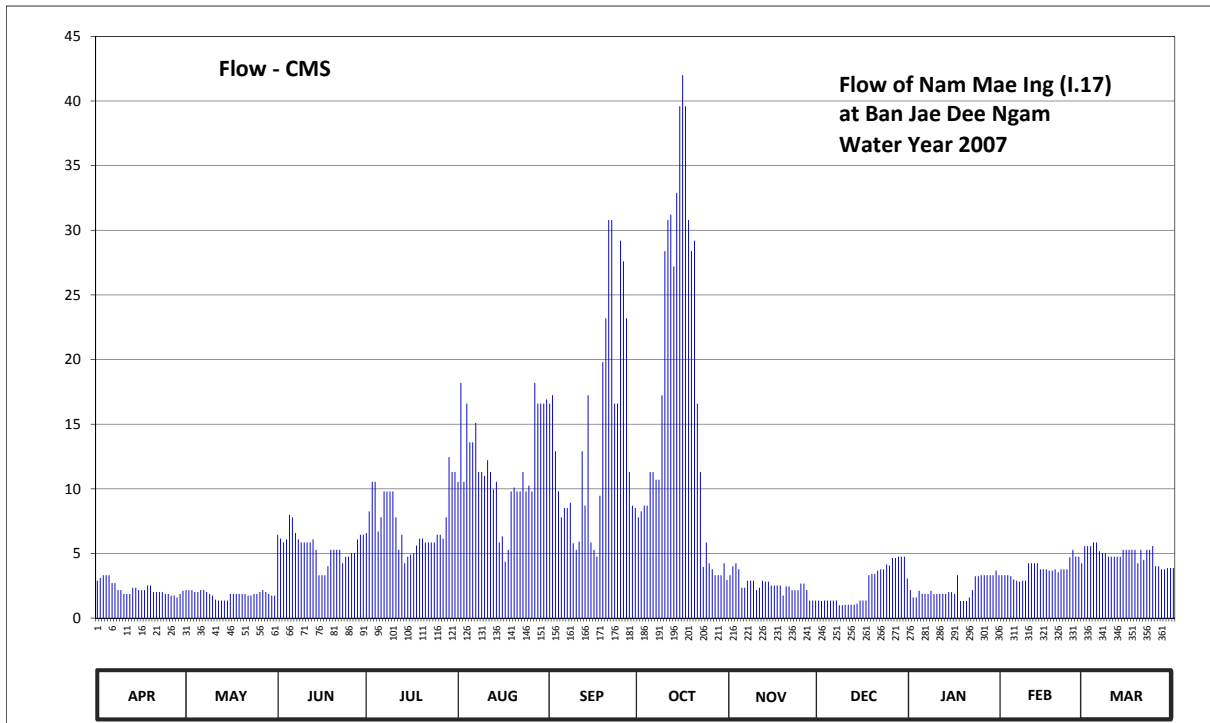
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.40	1.30	1.32	1.75	2.00	1.50	0.70	0.10	0.40	0.70	1.15	
2	0.65	0.40	1.25	1.55	2.05	2.02	1.55	0.85	0.08	0.20	0.70	1.15	
3	0.70	0.40	1.20	1.75	1.75	1.87	1.60	0.90	0.10	0.20	0.70	1.15	
4	0.70	0.35	1.24	1.75	2.00	1.70	1.60	0.80	0.10	0.38	0.68	1.20	
5	0.70	0.35	1.52	1.34	1.90	1.50	1.80	0.45	0.10	0.30	0.62	1.20	
6	0.55	0.40	1.50	1.50	1.90	1.58	1.80	0.45	0.10	0.30	0.60	1.08	
7	0.55	0.40	1.32	1.70	1.95	1.58	1.76	0.60	0.10	0.30	0.58	1.05	
8	0.40	0.35	1.24	1.70	1.80	1.62	1.76	0.60	-0.08	0.38	0.60	1.05	
9	0.40	0.30	1.20	1.70	1.80	1.19	2.02	0.60	-0.08	0.30	0.60	1.00	
10	0.30	0.25	1.20	1.70	1.78	1.10	2.34	0.40	-0.06	0.30	0.90	1.00	
11	0.30	0.13	1.20	1.50	1.84	1.21	2.40	0.45	-0.06	0.30	0.90	1.00	
12	0.30	0.10	1.20	1.10	1.80	1.87	2.41	0.60	-0.06	0.30	0.90	1.00	
13	0.45	0.10	1.24	1.30	1.71	1.60	2.31	0.58	-0.06	0.30	0.90	1.00	
14	0.45	0.10	1.10	0.90	1.75	2.02	2.45	0.58	-0.02	0.35	0.80	1.10	
15	0.40	0.10	0.70	1.00	1.20	1.20	2.60	0.50	0.10	0.35	0.80	1.10	
16	0.40	0.30	0.70	1.03	1.28	1.10	2.65	0.50	0.10	0.30	0.80	1.10	
17	0.40	0.30	0.70	1.05	0.92	1.00	2.60	0.50	0.10	0.70	0.78	1.10	
18	0.50	0.30	0.85	1.16	1.10	1.67	2.40	0.50	0.70	0.08	0.78	1.10	
19	0.50	0.30	1.10	1.25	1.70	2.10	2.34	0.25	0.72	0.08	0.80	0.90	
20	0.35	0.30	1.10	1.25	1.72	2.20	2.36	0.48	0.72	0.08	0.75	1.10	
21	0.35	0.30	1.10	1.20	1.70	2.40	2.00	0.48	0.78	0.20	0.80	0.95	
22	0.35	0.25	1.10	1.20	1.70	2.40	1.80	0.40	0.80	0.40	0.80	1.10	
23	0.35	0.25	0.90	1.20	1.80	2.00	0.84	0.40	0.80	0.68	0.80	1.10	
24	0.30	0.30	1.00	1.20	1.70	2.00	1.20	0.40	0.88	0.68	0.99	1.15	
25	0.30	0.30	1.00	1.30	1.73	2.36	0.90	0.54	0.86	0.70	1.10	0.85	
26	0.25	0.35	1.05	1.30	1.70	2.32	0.80	0.54	0.98	0.70	1.00	0.85	
27	0.25	0.40	1.05	1.25	2.05	2.20	0.70	0.40	0.98	0.70	1.00	0.80	
28	0.20	0.35	1.24	1.50	2.00	1.80	0.70	0.10	1.00	0.70	0.90	0.80	
29	0.30	0.30	1.30	1.85	2.00	1.60	0.70	0.10	1.00	0.70	0.90	0.82	
30	0.38	0.25	1.30	1.80	2.00	1.58	0.90	0.10	1.00	0.78		0.82	
31		0.25		1.80	2.01		0.61		0.64	0.70		0.82	
Mean	0.42	0.29	1.13	1.39	1.74	1.76	1.72	0.49	0.40	0.41	0.80	1.02	
Max	0.70	0.40	1.52	1.85	2.05	2.40	2.65	0.90	1.00	0.78	1.10	1.20	2.65
Min	0.20	0.10	0.70	0.90	0.92	1.00	0.61	0.10	-0.08	0.08	0.58	0.80	-0.08
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												
Annual Max Momentary Gage Height	2.65												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	4.29												
Right Bank Elevation	4.31												

Annual Max Momentary Gage Height 2.65 m. (A.D.) , at 06.00 Hours , on Oct 16, 2007

Zero Gage at Bottom Elevation 0.00 m. (A.D.) , River Bed -1.49 m. (A.D.) ,

Left Bank Elevation 4.29 m. (A.D.) ,

Right Bank Elevation 4.31 m. (A.D.) , Drainage Area 1,167 Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.90	2.17	6.45	6.58	10.55	16.60	7.80	3.32	1.36	2.17	3.32	5.57	
2	3.11	2.17	6.15	8.25	18.20	17.24	8.25	4.01	1.32	1.60	3.32	5.57	
3	3.32	2.17	5.85	10.55	10.55	12.91	8.70	4.25	1.36	1.60	3.32	5.57	
4	3.32	2.02	6.09	10.55	16.60	9.80	8.70	3.77	1.36	2.11	3.24	5.85	
5	3.32	2.02	7.98	6.71	13.60	7.80	11.30	2.35	1.36	1.87	2.98	5.85	
6	2.71	2.17	7.80	7.80	13.60	8.52	11.30	2.35	1.36	1.87	2.90	5.17	
7	2.71	2.17	6.58	9.80	15.10	8.52	10.70	2.90	1.36	1.87	2.82	5.02	
8	2.17	2.02	6.09	9.80	11.30	8.92	10.70	2.90	1.00	2.11	2.90	5.02	
9	2.17	1.87	5.85	9.80	11.30	5.79	17.24	2.90	1.00	1.87	2.90	4.75	
10	1.87	1.74	5.85	9.80	11.00	5.28	28.40	2.17	1.04	1.87	4.25	4.75	
11	1.87	1.43	5.85	7.80	12.22	5.91	30.80	2.35	1.04	1.87	4.25	4.75	
12	1.87	1.36	5.85	5.28	11.30	12.91	31.22	2.90	1.04	1.87	4.25	4.75	
13	2.35	1.36	6.09	6.45	9.95	8.70	27.20	2.82	1.04	1.87	4.25	4.75	
14	2.35	1.36	5.28	4.25	10.55	17.24	32.90	2.82	1.11	2.02	3.77	5.28	
15	2.17	1.36	3.32	4.75	5.85	5.85	39.60	2.52	1.36	2.02	3.77	5.28	
16	2.17	1.87	3.32	4.91	6.33	5.28	42.00	2.52	1.36	1.87	3.77	5.28	
17	2.17	1.87	3.32	5.02	4.35	4.75	39.60	2.52	1.36	3.32	3.68	5.28	
18	2.52	1.87	4.01	5.62	5.28	9.47	30.80	2.52	3.32	1.32	3.68	5.28	
19	2.52	1.87	5.28	6.15	9.80	19.80	28.40	1.74	3.41	1.32	3.77	4.25	
20	2.02	1.87	5.28	6.15	10.10	23.20	29.20	2.45	3.41	1.32	3.55	5.28	
21	2.02	1.87	5.28	5.85	9.80	30.80	16.60	2.45	3.68	1.60	3.77	4.50	
22	2.02	1.74	5.28	5.85	9.80	30.80	11.30	2.17	3.77	2.17	3.77	5.28	
23	2.02	1.74	4.25	5.85	11.30	16.60	3.96	2.17	3.77	3.24	3.77	5.28	
24	1.87	1.87	4.75	5.85	9.80	16.60	5.85	2.17	4.15	3.24	4.70	5.57	
25	1.87	1.87	4.75	6.45	10.25	29.20	4.25	2.67	4.06	3.32	5.28	4.01	
26	1.74	2.02	5.02	6.45	9.80	27.60	3.77	2.67	4.65	3.32	4.75	4.01	
27	1.74	2.17	5.02	6.15	18.20	23.20	3.32	2.17	4.65	3.32	4.75	3.77	
28	1.60	2.02	6.09	7.80	16.60	11.30	3.32	1.36	4.75	3.32	4.25	3.77	
29	1.87	1.87	6.45	12.45	16.60	8.70	3.32	1.36	4.75	3.32	4.25	3.87	
30	2.11	1.74	6.45	11.30	16.60	8.52	4.25	1.36	4.75	3.68		3.87	
31		1.74		11.30	16.92		2.94		3.07	3.32		3.87	
Total	68.47	57.39	165.63	231.32	363.20	417.81	517.69	76.63	77.02	71.59	109.98	151.10	2307.83 CMSDAY
Mean	2.28	1.85	5.52	7.46	11.72	13.93	16.70	2.55	2.48	2.31	3.79	4.87	6.31 CMS
Max	3.32	2.17	7.98	12.45	18.20	30.80	42.00	4.25	4.75	3.68	5.28	5.85	42.00 CMS
Min	1.60	1.36	3.32	4.25	4.35	4.75	2.94	1.36	1.00	1.32	2.82	3.77	1.00 CMS
Runoff	5.92	4.96	14.31	19.99	31.38	36.10	44.73	6.62	6.65	6.19	9.50	13.06	199.40 MCM
Momentary Peak	42.00	CMS.	at 2.65 m. (A.D.)	at 06.00 Hours ,	on Oct 16 ,	2007							
Runoff Yield	5.42	Liters/Second/Square KM.		Momentary Peak Yield	35.99	Liters/Second/Square KM.							

WATER YEAR : 2007

NAM MAE KOK RIVER BASIN

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

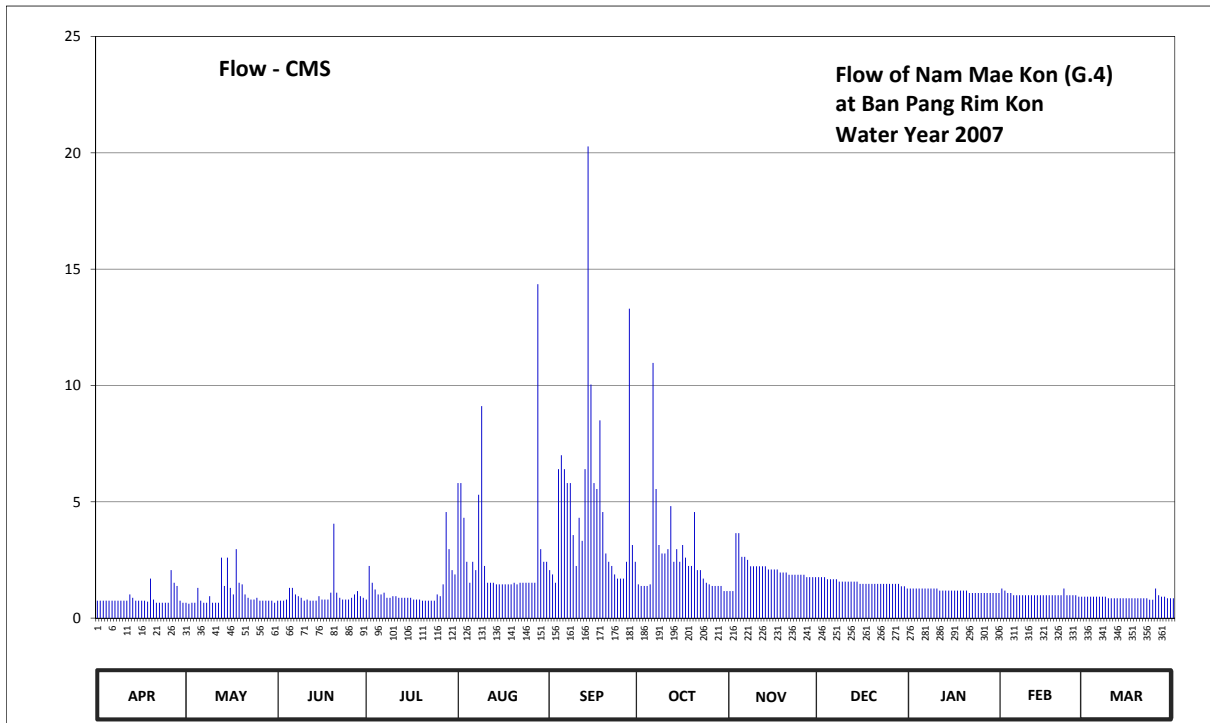
Lat 19 - 50 - 23 N Long 99 - 40 - 27 E

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 by some scouring.					
Overbank Flow Conditions	Overbank flow starts at elevation +463.740 m.(MSL.)and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2007					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	462.39	462.37	462.39	462.40	462.70	462.53	462.49	462.45	462.38	462.33	462.33	462.29	
2	462.39	462.36	462.39	462.54	462.70	462.52	462.48	462.45	462.38	462.33	462.32	462.29	
3	462.39	462.37	462.39	462.50	462.64	462.50	462.48	462.52	462.38	462.33	462.31	462.29	
4	462.39	462.37	462.40	462.46	462.55	462.72	462.48	462.52	462.37	462.33	462.31	462.29	
5	462.39	462.47	462.47	462.43	462.50	462.74	462.49	462.45	462.37	462.33	462.30	462.29	
6	462.39	462.39	462.47	462.43	462.55	462.72	462.87	462.45	462.37	462.33	462.30	462.29	
7	462.39	462.37	462.43	462.44	462.53	462.70	462.69	462.44	462.37	462.33	462.30	462.29	
8	462.39	462.37	462.42	462.41	462.68	462.70	462.59	462.42	462.36	462.33	462.30	462.29	
9	462.39	462.42	462.41	462.41	462.81	462.61	462.57	462.42	462.36	462.33	462.30	462.28	
10	462.39	462.37	462.39	462.42	462.54	462.54	462.57	462.42	462.36	462.33	462.30	462.28	
11	462.39	462.37	462.40	462.42	462.50	462.64	462.58	462.42	462.36	462.32	462.30	462.28	
12	462.43	462.37	462.39	462.41	462.50	462.60	462.66	462.42	462.36	462.32	462.30	462.28	
13	462.41	462.56	462.39	462.41	462.50	462.72	462.55	462.42	462.36	462.32	462.30	462.28	
14	462.39	462.48	462.39	462.41	462.49	463.13	462.58	462.41	462.36	462.32	462.30	462.28	
15	462.39	462.56	462.42	462.41	462.49	462.84	462.55	462.41	462.35	462.32	462.30	462.28	
16	462.39	462.47	462.40	462.41	462.49	462.70	462.59	462.41	462.35	462.32	462.30	462.28	
17	462.39	462.43	462.40	462.40	462.49	462.69	462.56	462.41	462.35	462.32	462.30	462.28	
18	462.38	462.58	462.40	462.40	462.49	462.79	462.54	462.40	462.35	462.32	462.30	462.28	
19	462.51	462.50	462.44	462.40	462.49	462.65	462.54	462.40	462.35	462.32	462.30	462.28	
20	462.40	462.49	462.63	462.39	462.50	462.57	462.65	462.40	462.35	462.32	462.30	462.28	
21	462.37	462.43	462.44	462.39	462.49	462.55	462.53	462.39	462.35	462.31	462.30	462.28	
22	462.37	462.41	462.41	462.39	462.50	462.54	462.53	462.39	462.35	462.31	462.33	462.28	
23	462.37	462.40	462.40	462.39	462.50	462.52	462.51	462.39	462.35	462.31	462.30	462.27	
24	462.37	462.40	462.40	462.39	462.50	462.51	462.50	462.39	462.35	462.31	462.30	462.27	
25	462.37	462.41	462.40	462.43	462.50	462.51	462.49	462.39	462.35	462.31	462.30	462.33	
26	462.53	462.39	462.41	462.42	462.50	462.51	462.48	462.39	462.35	462.31	462.30	462.30	
27	462.50	462.39	462.43	462.49	462.50	462.55	462.48	462.38	462.35	462.31	462.29	462.29	
28	462.48	462.39	462.45	462.65	462.97	462.94	462.48	462.38	462.35	462.31	462.29	462.29	
29	462.39	462.39	462.42	462.58	462.58	462.59	462.48	462.38	462.34	462.31	462.29	462.28	
30	462.37	462.39	462.41	462.53	462.55	462.55	462.45	462.38	462.34	462.31	462.29	462.28	
31		462.37		462.52	462.55		462.45		462.33	462.31		462.28	
Mean	462.40	462.42	462.42	462.44	462.56	462.65	462.54	462.42	462.36	462.32	462.30	462.28	
Max	462.53	462.58	462.63	462.65	462.97	463.13	462.87	462.52	462.38	462.33	462.33	462.33	463.13
Min	462.37	462.36	462.39	462.39	462.49	462.50	462.45	462.38	462.33	462.31	462.29	462.27	462.27
Annual Max Momentary Gage Height	464.50		m. (MSL.) ,				at 20.00 Hours ,						
Zero Gage at Bottom Elevation	461.70		m. (MSL.) ,			River Bed	462.08		m. (MSL.)				
Left Bank Elevation		464.94		m. (MSL.) ,									
Right Bank Elevation		463.74		m. (MSL.) ,		Drainage Are	49		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.75	0.66	0.75	0.80	5.80	2.06	1.45	1.16	1.76	1.27	1.27	0.92	
2	0.75	0.62	0.75	2.24	5.80	1.88	1.38	1.16	1.76	1.27	1.18	0.92	
3	0.75	0.66	0.75	1.52	4.31	1.52	1.38	3.65	1.76	1.27	1.08	0.92	
4	0.75	0.66	0.80	1.23	2.42	6.40	1.38	3.65	1.67	1.27	1.08	0.92	
5	0.75	1.30	1.30	1.02	1.52	7.00	1.45	2.63	1.67	1.27	0.98	0.92	
6	0.75	0.75	1.30	1.02	2.42	6.40	10.97	2.63	1.67	1.27	0.98	0.92	
7	0.75	0.66	1.02	1.09	2.06	5.80	5.55	2.50	1.67	1.27	0.98	0.92	
8	0.75	0.66	0.94	0.87	5.30	5.80	3.14	2.23	1.57	1.27	0.98	0.92	
9	0.75	0.94	0.87	0.87	9.11	3.57	2.78	2.23	1.57	1.27	0.98	0.85	
10	0.75	0.66	0.75	0.94	2.24	2.24	2.78	2.23	1.57	1.27	0.98	0.85	
11	0.75	0.66	0.80	0.94	1.52	4.31	2.96	2.23	1.57	1.18	0.98	0.85	
12	1.02	0.66	0.75	0.87	1.52	3.32	4.81	2.23	1.57	1.18	0.98	0.85	
13	0.87	2.60	0.75	0.87	1.52	6.40	2.42	2.23	1.57	1.18	0.98	0.85	
14	0.75	1.38	0.75	0.87	1.45	20.27	2.96	2.09	1.57	1.18	0.98	0.85	
15	0.75	2.60	0.94	0.87	1.45	10.04	2.42	2.09	1.47	1.18	0.98	0.85	
16	0.75	1.30	0.80	0.87	1.45	5.80	3.14	2.09	1.47	1.18	0.98	0.85	
17	0.75	1.02	0.80	0.80	1.45	5.55	2.60	2.09	1.47	1.18	0.98	0.85	
18	0.71	2.96	0.80	0.80	1.45	8.50	2.24	1.96	1.47	1.18	0.98	0.85	
19	1.70	1.52	1.09	0.80	1.45	4.56	2.24	1.96	1.47	1.18	0.98	0.85	
20	0.80	1.45	4.06	0.75	1.52	2.78	4.56	1.96	1.47	1.18	0.98	0.85	
21	0.66	1.02	1.09	0.75	1.45	2.42	2.06	1.86	1.47	1.08	0.98	0.85	
22	0.66	0.87	0.87	0.75	1.52	2.24	2.06	1.86	1.47	1.08	1.27	0.85	
23	0.66	0.80	0.80	0.75	1.52	1.88	1.70	1.86	1.47	1.08	0.98	0.79	
24	0.66	0.80	0.80	0.75	1.52	1.70	1.52	1.86	1.47	1.08	0.98	0.79	
25	0.66	0.87	0.80	1.02	1.52	1.70	1.45	1.86	1.47	1.08	0.98	1.27	
26	2.06	0.75	0.87	0.94	1.52	1.70	1.38	1.86	1.47	1.08	0.98	0.98	
27	1.52	0.75	1.02	1.45	1.52	2.42	1.38	1.76	1.47	1.08	0.92	0.92	
28	1.38	0.75	1.16	4.56	14.35	13.30	1.38	1.76	1.47	1.08	0.92	0.92	
29	0.75	0.75	0.94	2.96	2.96	3.14	1.38	1.76	1.37	1.08	0.92	0.85	
30	0.66	0.75	0.87	2.06	2.42	2.42	1.16	1.76	1.37	1.08		0.85	
31		0.66		1.88	2.42		1.16		1.27	1.08		0.85	
Total	26.02	32.49	29.99	37.91	88.48	147.12	79.24	63.20	47.54	36.38	29.22	27.48	645.07 CMSDAY
Mean	0.87	1.05	1.00	1.22	2.85	4.90	2.56	2.11	1.53	1.17	1.01	0.89	1.76 CMS
Max	2.06	2.96	4.06	4.56	14.35	20.27	10.97	3.65	1.76	1.27	1.27	1.27	20.27 CMS
Min	0.66	0.62	0.75	0.75	1.45	1.52	1.16	1.16	1.27	1.08	0.92	0.79	0.62 CMS
Runoff	2.25	2.81	2.59	3.28	7.64	12.71	6.85	5.46	4.11	3.14	2.52	2.37	55.73 MCM
Momentary Peak	85.00	CMS.	at 464.50 m. (MSL.)	at 20.00 Hours	, on Sep 14, 2007								
Runoff Yield	36.07	Liters/Second/Square KM.			Momentary Peak Yield	1734.69	Liters/Second/Square KM.						

WATER YEAR : 2007

NAM MAE KOK RIVER BASIN

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

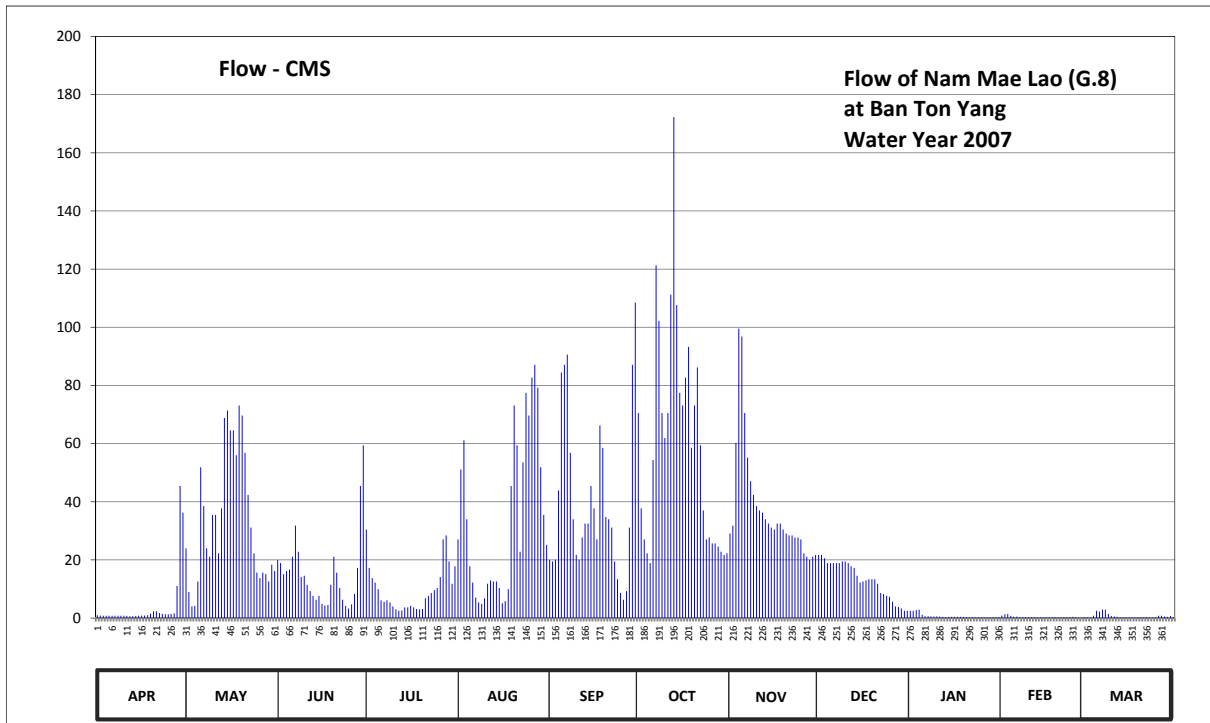
Lat 19 - 47 - 32 N Long 99 - 45 - 11 E

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 35 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	405.20	405.97	405.90	406.07	406.02	405.90	406.57	406.05	405.93	405.35	405.19	405.10	
2	405.19	405.65	405.88	405.85	406.34	405.89	406.17	406.09	405.93	405.35	405.24	405.07	
3	405.18	405.45	405.81	405.78	406.46	405.90	406.02	406.45	405.91	405.37	405.25	405.06	
4	405.18	405.46	405.83	405.74	406.12	406.25	405.94	406.90	405.88	405.38	405.17	405.18	
5	405.18	405.75	405.84	405.68	405.86	406.73	405.88	406.87	405.88	405.22	405.12	405.35	
6	405.18	406.35	405.92	405.55	405.74	406.76	406.38	406.57	405.88	405.15	405.12	405.33	
7	405.18	406.18	406.09	405.53	405.59	406.80	407.14	406.39	405.88	405.15	405.10	405.38	
8	405.18	405.97	405.95	405.55	405.52	406.41	406.93	406.29	405.88	405.14	405.10	405.38	
9	405.18	405.92	405.79	405.52	405.50	406.12	406.57	406.23	405.89	405.13	405.10	405.25	
10	405.18	406.14	405.80	405.45	405.58	405.93	406.47	406.18	405.89	405.14	405.09	405.16	
11	405.17	406.14	405.72	405.39	405.73	405.90	406.57	406.16	405.88	405.13	405.10	405.13	
12	405.15	405.94	405.66	405.35	405.76	406.03	407.03	406.15	405.86	405.11	405.09	405.11	
13	405.15	406.17	405.61	405.36	405.75	406.10	407.68	406.12	405.85	405.09	405.08	405.09	
14	405.17	406.55	405.56	405.43	405.75	406.10	406.99	406.10	405.80	405.11	405.07	405.08	
15	405.18	406.58	405.61	405.43	405.69	406.27	406.65	406.08	405.74	405.11	405.07	405.07	
16	405.19	406.50	405.50	405.46	405.51	406.17	406.60	406.07	405.75	405.11	405.07	405.06	
17	405.19	406.50	405.47	405.43	405.54	406.02	406.71	406.10	405.76	405.11	405.07	405.07	
18	405.20	406.40	405.48	405.40	405.68	406.52	406.83	406.10	405.77	405.11	405.07	405.08	
19	405.26	406.60	405.72	405.39	406.27	406.43	406.43	406.07	405.77	405.11	405.10	405.09	
20	405.34	406.56	405.92	405.40	406.60	406.13	406.60	406.05	405.77	405.09	405.08	405.09	
21	405.34	406.41	405.82	405.58	406.44	406.12	406.75	406.04	405.73	405.07	405.08	405.09	
22	405.29	406.23	405.69	405.61	405.95	406.08	406.44	406.04	405.64	405.07	405.09	405.09	
23	405.26	406.08	405.56	405.64	406.37	405.89	406.16	406.03	405.63	405.07	405.10	405.08	
24	405.24	405.94	405.46	405.67	406.65	405.77	406.02	406.03	405.61	405.07	405.10	405.06	
25	405.24	405.82	405.41	405.69	406.56	405.64	406.03	406.02	405.60	405.07	405.11	405.09	
26	405.25	405.78	405.49	405.79	406.71	405.56	406.00	405.94	405.53	405.07	405.10	405.18	
27	405.28	405.82	405.63	406.02	406.76	405.66	406.00	405.92	405.45	405.08	405.04	405.18	
28	405.71	405.81	405.85	406.04	406.67	406.08	405.98	405.90	405.44	405.08	405.05	405.13	
29	406.27	405.75	406.27	405.89	406.35	406.76	405.95	405.92	405.41	405.08	405.07	405.11	
30	406.15	405.87	406.44	405.73	406.14	407.00	405.93	405.93	405.35	405.08	405.08	405.16	
31		405.83		405.86	405.99		405.94		405.35	405.10		405.10	
Mean	405.30	406.07	405.76	405.62	406.05	406.16	406.43	406.16	405.73	405.14	405.10	405.14	
Max	406.27	406.60	406.44	406.07	406.76	407.00	407.68	406.90	405.93	405.38	405.25	405.38	407.68
Min	405.15	405.45	405.41	405.35	405.50	405.56	405.88	405.90	405.35	405.07	405.04	405.06	405.04
Annual Max Momentary Gage Height	407.84		m. (MSL.) ,				at 09.00 Hours ,						on Oct 13 , 2007
Zero Gage at Bottom Elevation	405.10		m. (MSL.) ,				River Bed	404.54		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.96	23.99	20.00	30.46	27.06	20.00	70.52	29.10	21.71	2.50	0.90	0.35	
2	0.90	8.98	18.91	17.28	51.08	19.46	37.75	31.82	21.71	2.50	1.32	0.25	
3	0.84	4.02	15.10	13.77	61.10	20.00	27.06	60.25	20.57	2.76	1.41	0.21	
4	0.84	4.19	16.19	12.21	34.00	43.90	22.28	99.50	18.91	2.89	0.78	0.84	
5	0.84	12.60	16.73	9.98	17.82	84.44	18.91	96.83	18.91	1.14	0.47	2.50	
6	0.84	51.90	21.14	6.09	12.21	87.08	54.36	70.52	18.91	0.66	0.47	2.24	
7	0.84	38.50	31.82	5.61	7.06	90.60	121.28	55.18	18.91	0.66	0.35	2.89	
8	0.84	23.99	22.85	6.09	5.36	56.85	102.20	47.02	18.91	0.59	0.35	2.89	
9	0.84	21.14	14.16	5.36	4.88	34.00	70.52	42.34	19.46	0.53	0.35	1.41	
10	0.84	35.50	14.55	4.02	6.82	21.71	61.95	38.50	19.46	0.59	0.32	0.72	
11	0.78	35.50	11.43	3.02	11.82	20.00	70.52	37.00	18.91	0.53	0.35	0.53	
12	0.66	22.28	9.31	2.50	12.99	27.74	111.23	36.25	17.82	0.41	0.32	0.41	
13	0.66	37.75	7.64	2.63	12.60	32.50	172.28	34.00	17.28	0.32	0.28	0.32	
14	0.78	68.80	6.33	3.67	12.60	32.50	107.60	32.50	14.55	0.41	0.25	0.28	
15	0.84	71.38	7.64	3.67	10.32	45.46	77.45	31.14	12.21	0.41	0.25	0.25	
16	0.90	64.50	4.88	4.19	5.12	37.75	73.10	30.46	12.60	0.41	0.25	0.21	
17	0.90	64.50	4.36	3.67	5.85	27.06	82.68	32.50	12.99	0.41	0.25	0.25	
18	0.96	56.00	4.53	3.15	9.98	66.22	93.27	32.50	13.38	0.41	0.25	0.28	
19	1.49	73.10	11.43	3.02	45.46	58.55	58.55	30.46	13.38	0.41	0.35	0.32	
20	2.37	69.66	21.14	3.15	73.10	34.75	73.10	29.10	13.38	0.32	0.28	0.32	
21	2.37	56.85	15.64	6.82	59.40	34.00	86.20	28.42	11.82	0.25	0.28	0.32	
22	1.76	42.34	10.32	7.64	22.85	31.14	59.40	28.42	8.64	0.25	0.32	0.32	
23	1.49	31.14	6.33	8.64	53.54	19.46	37.00	27.74	8.31	0.25	0.35	0.28	
24	1.32	22.28	4.19	9.65	77.45	13.38	27.06	27.74	7.64	0.25	0.35	0.21	
25	1.32	15.64	3.32	10.32	69.66	8.64	27.74	27.06	7.30	0.25	0.41	0.32	
26	1.41	13.77	4.71	14.16	82.68	6.33	25.70	22.28	5.61	0.25	0.35	0.84	
27	1.67	15.64	8.31	27.06	87.08	9.31	25.70	21.14	4.02	0.28	0.14	0.84	
28	11.04	15.10	17.28	28.42	79.19	31.14	24.56	20.00	3.84	0.28	0.18	0.53	
29	45.46	12.60	45.46	19.46	51.90	87.08	22.85	21.14	3.32	0.28	0.25	0.41	
30	36.25	18.37	59.40	11.82	35.50	108.50	21.71	21.71	2.50	0.28		0.72	
31		16.19		17.82	25.13		22.28		2.50	0.35		0.35	
Total	123.01	1048.20	455.10	305.35	1071.61	1209.55	1886.81	1142.62	409.46	21.83	12.18	22.61	7708.33 CMSDAY
Mean	4.10	33.81	15.17	9.85	34.57	40.32	60.86	38.09	13.21	0.70	0.42	0.73	21.06 CMS
Max	45.46	73.10	59.40	30.46	87.08	108.50	172.28	99.50	21.71	2.89	1.41	2.89	172.28 CMS
Min	0.66	4.02	3.32	2.50	4.88	6.33	18.91	20.00	2.50	0.25	0.14	0.21	0.14 CMS
Runoff	10.63	90.56	39.32	26.38	92.59	104.51	163.02	98.72	35.38	1.89	1.05	1.95	666.00 MCM
Momentary Peak	187.82 CMS. at 407.84 m. (MSL.) at 09.00 Hours , on Oct 13 , 2007												
Runoff Yield	7.26 Liters/Second/Square KM.			Momentary Peak Yield				64.57 Liters/Second/Square KM.					

WATER YEAR : 2007

NAM MAE KOK RIVER BASIN

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

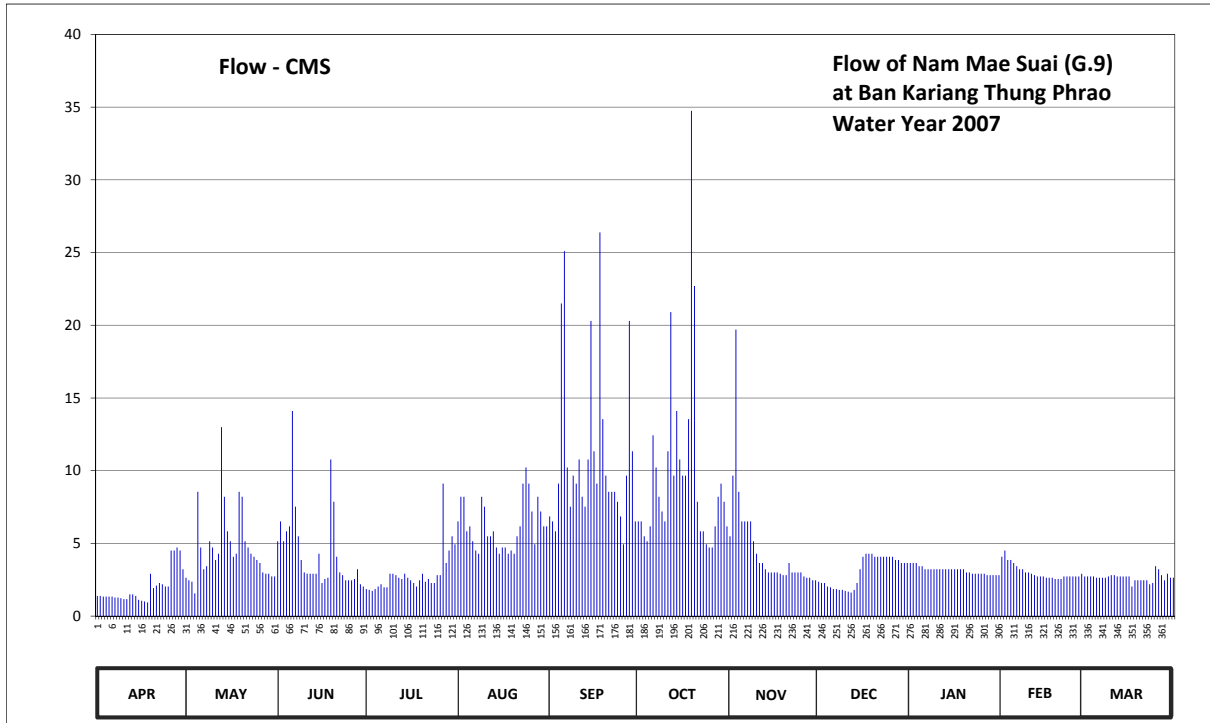
Lat 19 - 44 - 51 N Long 99 - 30 - 27 E

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 fair. Stage-discharge relation defined by 31 discharge measurements made in 2007.					

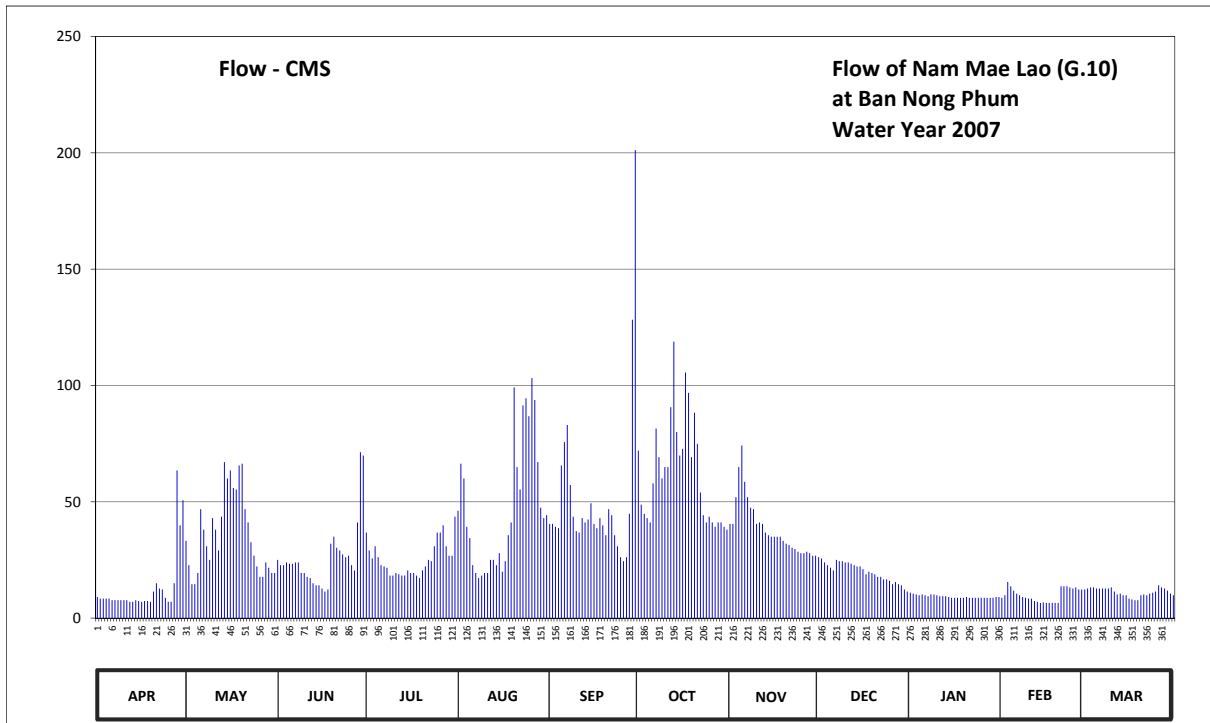
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	515.38	515.56	515.70	515.46	515.74	515.75	515.74	515.71	515.53	515.63	515.65	515.57	
2	515.38	515.54	515.74	515.45	515.79	515.74	515.74	515.82	515.52	515.63	515.67	515.57	
3	515.37	515.53	515.70	515.44	515.79	515.72	515.71	516.00	515.52	515.63	515.64	515.57	
4	515.37	515.41	515.72	515.46	515.72	515.81	515.70	515.80	515.49	515.62	515.64	515.57	
5	515.37	515.80	515.73	515.49	515.73	516.03	515.73	515.74	515.48	515.62	515.63	515.56	
6	515.37	515.68	515.90	515.51	515.70	516.09	515.87	515.74	515.46	515.61	515.62	515.56	
7	515.36	515.61	515.77	515.48	515.67	515.83	515.83	515.74	515.46	515.61	515.61	515.56	
8	515.36	515.62	515.71	515.48	515.66	515.77	515.79	515.74	515.45	515.61	515.61	515.56	
9	515.35	515.70	515.64	515.59	515.79	515.82	515.76	515.70	515.45	515.61	515.60	515.57	
10	515.34	515.68	515.60	515.59	515.77	515.81	515.74	515.66	515.44	515.61	515.60	515.58	
11	515.34	515.64	515.59	515.58	515.71	515.84	515.85	515.63	515.43	515.61	515.59	515.58	
12	515.40	515.66	515.59	515.56	515.71	515.79	516.02	515.63	515.42	515.61	515.58	515.57	
13	515.40	515.88	515.59	515.55	515.72	515.77	515.82	515.61	515.45	515.61	515.57	515.57	
14	515.38	515.79	515.59	515.59	515.68	515.84	515.90	515.60	515.52	515.61	515.57	515.57	
15	515.33	515.72	515.66	515.56	515.66	516.01	515.84	515.60	515.61	515.61	515.57	515.57	
16	515.32	515.70	515.52	515.54	515.68	515.85	515.82	515.60	515.65	515.61	515.56	515.57	
17	515.31	515.65	515.55	515.52	515.68	515.81	515.82	515.60	515.66	515.61	515.56	515.49	
18	515.30	515.66	515.56	515.49	515.66	516.11	515.89	515.59	515.66	515.61	515.56	515.54	
19	515.59	515.80	515.84	515.54	515.67	515.89	516.23	515.58	515.66	515.61	515.55	515.54	
20	515.47	515.79	515.78	515.59	515.66	515.82	516.05	515.58	515.65	515.60	515.55	515.54	
21	515.50	515.70	515.65	515.53	515.71	515.80	515.78	515.63	515.65	515.60	515.55	515.54	
22	515.52	515.68	515.60	515.55	515.73	515.80	515.72	515.60	515.65	515.59	515.57	515.54	
23	515.51	515.66	515.58	515.52	515.81	515.80	515.72	515.60	515.65	515.59	515.57	515.51	
24	515.49	515.65	515.54	515.52	515.83	515.78	515.69	515.60	515.65	515.59	515.57	515.52	
25	515.49	515.64	515.54	515.58	515.81	515.75	515.68	515.60	515.65	515.59	515.57	515.62	
26	515.67	515.63	515.54	515.58	515.76	515.69	515.68	515.57	515.65	515.59	515.57	515.61	
27	515.67	515.60	515.55	515.81	515.69	515.82	515.73	515.56	515.64	515.58	515.57	515.58	
28	515.68	515.59	515.61	515.63	515.79	516.01	515.79	515.56	515.64	515.58	515.59	515.54	
29	515.67	515.59	515.51	515.67	515.76	515.85	515.81	515.54	515.63	515.58	515.58	515.59	
30	515.61	515.57	515.49	515.71	515.73	515.74	515.78	515.54	515.63	515.58	515.58	515.56	
31		515.57		515.69	515.73		515.73		515.63	515.58		515.56	
Mean	515.44	515.65	515.64	515.56	515.73	515.84	515.81	515.65	515.57	515.60	515.59	515.56	
Max	515.68	515.88	515.90	515.81	515.83	516.11	516.23	516.00	515.66	515.63	515.67	515.62	516.23
Min	515.30	515.41	515.49	515.44	515.66	515.69	515.68	515.54	515.42	515.58	515.55	515.49	515.30
Annual Max Momentary Gage Height	516.76		m. (MSL.) ,				at 02.00 Hours ,						on Sep 5 , 2007
Zero Gage at Bottom Elevation	514.66		m. (MSL.) ,			River Bed	514.80		m. (MSL.)				
Left Bank Elevation		521.60		m. (MSL.) ,									
Right Bank Elevation		521.59		m. (MSL.) ,		Drainage Are	386		Square Kilometers				



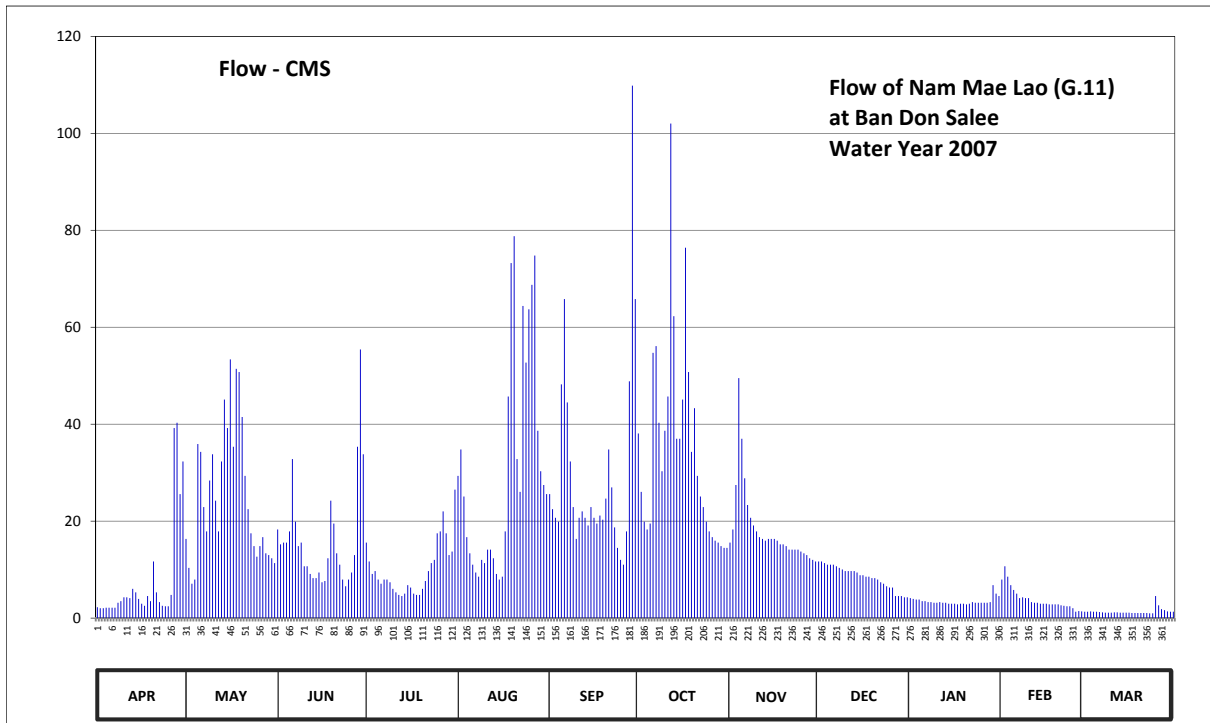
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.39	2.64	5.15	1.86	6.51	6.85	6.51	5.49	2.37	3.65	4.08	2.73		
2	1.39	2.46	6.51	1.80	8.21	6.51	6.51	9.66	2.28	3.65	4.51	2.73		
3	1.34	2.37	5.15	1.74	8.21	5.83	5.49	19.70	2.28	3.65	3.86	2.73		
4	1.34	1.56	5.83	1.86	5.83	9.11	5.15	8.55	2.04	3.43	3.86	2.73		
5	1.34	8.55	6.17	2.04	6.17	21.50	6.17	6.51	1.98	3.43	3.65	2.64		
6	1.34	4.72	14.10	2.19	5.15	25.10	12.43	6.51	1.86	3.22	3.43	2.64		
7	1.28	3.22	7.53	1.98	4.51	10.22	10.22	6.51	1.86	3.22	3.22	2.64		
8	1.28	3.43	5.49	1.98	4.29	7.53	8.21	6.51	1.80	3.22	3.22	2.64		
9	1.23	5.15	3.86	2.91	8.21	9.66	7.19	5.15	1.80	3.22	3.00	2.73		
10	1.17	4.72	3.00	2.91	7.53	9.11	6.51	4.29	1.74	3.22	3.00	2.82		
11	1.17	3.86	2.91	2.82	5.49	10.77	11.33	3.65	1.68	3.22	2.91	2.82		
12	1.50	4.29	2.91	2.64	5.49	8.21	20.90	3.65	1.62	3.22	2.82	2.73		
13	1.50	12.99	2.91	2.55	5.83	7.53	9.66	3.22	1.80	3.22	2.73	2.73		
14	1.39	8.21	2.91	2.91	4.72	10.77	14.10	3.00	2.28	3.22	2.73	2.73		
15	1.12	5.83	4.29	2.64	4.29	20.30	10.77	3.00	3.22	3.22	2.73	2.73		
16	1.06	5.15	2.28	2.46	4.72	11.33	9.66	3.00	4.08	3.22	2.64	2.73		
17	1.01	4.08	2.55	2.28	4.72	9.11	9.66	3.00	4.29	3.22	2.64	2.04		
18	0.95	4.29	2.64	2.04	4.29	26.38	13.54	2.91	4.29	3.22	2.64	2.46		
19	2.91	8.55	10.77	2.46	4.51	13.54	34.75	2.82	4.29	3.22	2.55	2.46		
20	1.92	8.21	7.87	2.91	4.29	9.66	22.70	2.82	4.08	3.00	2.55	2.46		
21	2.10	5.15	4.08	2.37	5.49	8.55	7.87	3.65	4.08	3.00	2.55	2.46		
22	2.28	4.72	3.00	2.55	6.17	8.55	5.83	3.00	4.08	2.91	2.73	2.46		
23	2.19	4.29	2.82	2.28	9.11	8.55	5.83	3.00	4.08	2.91	2.73	2.19		
24	2.04	4.08	2.46	2.28	10.22	7.87	4.94	3.00	4.08	2.91	2.73	2.28		
25	2.04	3.86	2.46	2.82	9.11	6.85	4.72	3.00	4.08	2.91	2.73	3.43		
26	4.51	3.65	2.46	2.82	7.19	4.94	4.72	2.73	4.08	2.91	2.73	3.22		
27	4.51	3.00	2.55	9.11	4.94	9.66	6.17	2.64	3.86	2.82	2.73	2.82		
28	4.72	2.91	3.22	3.65	8.21	20.30	8.21	2.64	3.86	2.82	2.91	2.46		
29	4.51	2.91	2.19	4.51	7.19	11.33	9.11	2.46	3.65	2.82	2.82	2.91		
30	3.22	2.73	2.04	5.49	6.17	6.51	7.87	2.46	3.65	2.82		2.64		
31		2.73		4.94	6.17		6.17		3.65	2.82		2.64		
Total	59.75	144.31	132.11	89.80	192.94	332.13	302.90	138.53	94.79	97.54	87.43	82.43	1754.66	CMSDAY
Mean	1.99	4.66	4.40	2.90	6.22	11.07	9.77	4.62	3.06	3.15	3.01	2.66	4.79	CMS
Max	4.72	12.99	14.10	9.11	10.22	26.38	34.75	19.70	4.29	3.65	4.51	3.43	34.75	CMS
Min	0.95	1.56	2.04	1.74	4.29	4.94	4.72	2.46	1.62	2.82	2.55	2.04	0.95	CMS
Runoff	5.16	12.47	11.41	7.76	16.67	28.70	26.17	11.97	8.19	8.43	7.55	7.12	151.60	MCM
Momentary Peak	81.00	CMS. at 516.76 m. (MSL.) at 02.00 Hours , on Sep 5, 2007												
Runoff Yield	12.45	Liters/Second/Square KM. Momentary Peak Yield 209.84 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	9.10	33.20	25.06	36.80	46.15	40.48	72.02	40.48	26.20	10.95	8.75	12.30		
2	8.40	22.78	22.78	29.10	66.33	40.48	48.75	40.48	25.63	10.50	9.80	12.75		
3	8.40	14.55	22.78	25.63	60.00	39.24	44.85	52.00	23.92	10.15	15.55	13.20		
4	8.40	14.55	23.92	30.84	39.24	38.62	42.96	64.91	22.78	9.80	13.65	13.20		
5	8.40	19.40	23.35	26.20	34.40	65.62	41.10	74.18	21.64	10.15	11.85	12.75		
6	7.70	46.80	23.35	22.78	22.78	75.62	57.90	58.60	20.50	9.80	10.50	12.75		
7	7.70	38.00	23.92	22.21	19.40	83.00	81.50	52.00	25.06	9.45	9.80	12.75		
8	7.70	30.84	23.92	21.64	17.20	57.20	69.17	47.45	24.49	10.15	9.10	12.75		
9	7.70	25.06	19.40	18.30	18.30	43.58	60.00	46.80	24.49	10.15	8.75	12.75		
10	7.70	42.96	19.40	18.30	19.40	37.40	64.91	40.48	23.92	9.80	8.40	13.20		
11	7.70	38.00	17.75	19.40	19.40	36.80	64.91	41.10	23.92	9.45	8.40	11.40		
12	7.00	29.10	17.20	18.85	25.06	42.96	90.62	40.48	23.35	9.45	7.35	10.15		
13	7.00	43.58	15.00	18.30	25.06	41.10	118.85	36.80	22.78	9.45	7.00	10.50		
14	7.70	67.04	14.10	18.30	22.78	42.34	80.00	35.60	22.21	9.10	6.50	9.80		
15	7.35	60.00	14.10	20.50	27.94	49.40	69.88	35.00	22.21	8.75	6.75	9.80		
16	7.00	63.50	12.75	19.40	19.95	40.48	72.74	35.00	21.07	8.75	6.50	8.40		
17	7.35	55.90	11.40	19.40	24.49	38.62	105.55	35.00	18.85	8.75	6.50	8.05		
18	7.35	55.25	12.30	18.30	35.60	42.96	96.82	35.00	19.95	8.75	6.50	7.70		
19	7.00	65.62	32.00	17.20	41.10	39.86	69.17	33.20	19.40	8.75	6.50	7.70		
20	11.40	66.33	35.00	20.50	99.16	35.60	88.31	32.00	18.85	9.10	6.50	9.80		
21	15.00	46.80	30.26	22.21	64.91	46.80	74.90	31.42	17.75	8.75	13.65	10.15		
22	12.75	41.10	29.10	25.06	55.25	44.20	53.95	30.26	17.75	8.75	13.65	9.80		
23	12.30	32.60	27.36	24.49	91.39	35.60	44.20	29.68	16.65	8.75	13.65	10.50		
24	8.75	26.78	26.20	30.84	94.48	30.84	41.10	28.52	16.65	8.75	13.20	10.95		
25	7.00	22.21	26.78	36.80	86.77	26.20	43.58	27.94	16.10	8.75	12.75	11.40		
26	7.00	17.75	22.78	36.80	103.12	24.49	41.10	27.94	14.55	8.75	13.20	14.10		
27	15.00	17.75	20.50	39.86	93.70	26.20	39.24	28.52	15.55	8.75	12.30	13.20		
28	63.50	23.92	41.10	30.84	67.04	44.85	41.10	27.94	14.55	8.75	12.30	12.75		
29	39.86	21.64	71.30	26.78	47.45	128.22	41.10	26.78	14.10	8.75	12.30	11.85		
30	50.70	19.40	69.88	26.78	42.96	201.15	39.24	26.78	12.30	9.10	10.50	10.50		
31		19.40		43.58	44.20		38.00		11.40	9.10		9.80		
Total	389.91	1121.81	774.74	785.99	1475.01	1539.91	1937.52	1162.34	618.57	288.15	291.65	346.70	10732.30	CMSDAY
Mean	13.00	36.19	25.82	25.35	47.58	51.33	62.50	38.74	19.95	9.30	10.06	11.18	29.32	CMS
Max	63.50	67.04	71.30	43.58	103.12	201.15	118.85	74.18	26.20	10.95	15.55	14.10	201.15	CMS
Min	7.00	14.55	11.40	17.20	17.20	24.49	38.00	26.78	11.40	8.75	6.50	7.70	6.50	CMS
Runoff	33.69	96.92	66.94	67.91	127.44	133.05	167.40	100.43	53.44	24.90	25.20	29.95	927.27	MCM
Momentary Peak	203.05	CMS.	at 2.85 m. (A.D.)	at 12.00 Hours	, on Sep 30, 2007									
Runoff Yield	11.25	Liters/Second/Square KM.			Momentary Peak Yield	77.68	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.25	16.33	18.30	15.59	29.33	25.57	38.10	15.59	11.68	4.14	7.96	1.33	
2	2.05	10.36	15.22	11.68	34.80	22.46	26.04	18.30	11.68	3.97	10.69	1.33	
3	2.05	7.09	15.59	9.12	25.10	20.70	19.90	27.45	11.35	3.81	8.54	1.39	
4	2.15	7.96	15.59	9.70	16.70	19.90	18.30	49.50	11.02	3.81	6.80	1.33	
5	2.15	35.90	17.90	7.96	13.37	48.22	19.50	37.00	11.02	3.48	5.80	1.33	
6	2.15	34.30	32.80	7.09	11.02	65.80	54.74	28.86	11.02	3.48	5.05	1.26	
7	2.15	22.90	19.90	7.96	9.41	44.50	56.10	23.34	10.69	3.31	4.14	1.20	
8	3.15	17.90	14.85	7.96	8.54	32.30	40.30	20.70	10.36	3.31	4.30	1.13	
9	3.48	28.39	15.59	7.38	12.01	22.90	30.30	19.10	10.03	3.15	4.14	1.13	
10	4.30	33.80	10.69	6.05	11.35	16.33	38.65	17.90	9.70	3.15	4.14	1.13	
11	4.30	24.22	10.69	5.30	14.11	20.70	45.70	16.70	9.70	3.31	3.31	1.20	
12	4.14	17.90	9.12	4.80	14.11	22.02	102.04	16.33	9.70	3.15	3.15	1.20	
13	6.05	32.30	8.25	4.55	12.34	20.70	62.30	15.96	9.70	3.15	3.15	1.13	
14	5.30	45.10	8.25	5.05	9.12	19.10	37.00	16.33	9.41	2.98	2.98	1.13	
15	3.97	39.20	9.41	6.80	7.96	22.90	37.00	16.33	8.83	2.98	2.98	1.13	
16	2.98	53.38	7.38	6.30	8.54	20.70	45.10	16.33	8.83	2.98	2.98	1.13	
17	2.55	35.35	7.67	5.05	17.90	19.50	76.40	15.96	8.54	2.82	2.82	1.07	
18	4.55	51.42	12.34	4.80	45.70	21.14	50.78	15.22	8.54	2.98	2.82	1.07	
19	3.48	50.78	24.22	4.80	73.25	20.30	34.30	15.22	8.25	2.98	2.82	1.07	
20	11.68	41.50	19.50	6.05	78.80	24.66	43.30	14.85	8.25	2.82	2.82	1.07	
21	5.30	29.33	13.37	7.67	32.80	34.80	29.33	14.11	7.96	2.98	2.65	1.07	
22	3.31	22.46	11.02	9.70	26.04	26.98	25.10	14.11	7.38	3.31	2.55	1.07	
23	2.55	17.50	7.96	11.35	64.40	18.70	22.90	14.11	7.09	3.15	2.45	1.00	
24	2.45	14.85	6.55	12.01	52.70	14.48	19.90	14.11	6.55	3.15	2.45	1.00	
25	2.45	12.67	7.96	17.50	63.70	12.01	17.90	13.74	6.30	3.15	2.05	4.55	
26	4.80	14.85	9.41	17.90	68.75	11.02	16.70	13.37	6.30	3.15	1.33	2.65	
27	39.20	16.70	13.00	22.02	74.80	17.90	15.96	13.00	4.55	3.15	1.46	1.85	
28	40.30	13.37	35.35	17.50	38.65	48.86	15.59	12.34	4.55	3.31	1.39	1.65	
29	25.57	13.00	55.42	13.00	30.30	109.84	14.85	12.01	4.55	6.80	1.33	1.39	
30	32.30	12.34	33.80	13.74	27.45	65.80	14.48	11.68	4.30	5.05		1.33	
31		11.35		26.51	25.57		14.48		4.30	4.55		1.33	
Total	233.11	784.50	487.10	312.89	958.62	890.79	1083.04	549.55	262.13	107.51	109.05	42.65	5820.94 CMSDAY
Mean	7.77	25.31	16.24	10.09	30.92	29.69	34.94	18.32	8.46	3.47	3.76	1.38	15.90 CMS
Max	40.30	53.38	55.42	26.51	78.80	109.84	102.04	49.50	11.68	6.80	10.69	4.55	109.84 CMS
Min	2.05	7.09	6.55	4.55	7.96	11.02	14.48	11.68	4.30	2.82	1.33	1.00	1.00 CMS
Runoff	20.14	67.78	42.09	27.03	82.82	76.96	93.57	47.48	22.65	9.29	9.42	3.68	502.93 MCM
Momentary Peak	127.06	CMS.	at 2.72 m. (A.D.)	at 06.00 Hours	, on Sep 29, 2007								
Runoff Yield	8.31	Liters/Second/Square KM.			Momentary Peak Yield	66.25	Liters/Second/Square KM.						

WATER YEAR : 2007**CHI RIVER BASIN****Chi River at Ban Kaeng Tha Dua, Yasothon (E.2A)**

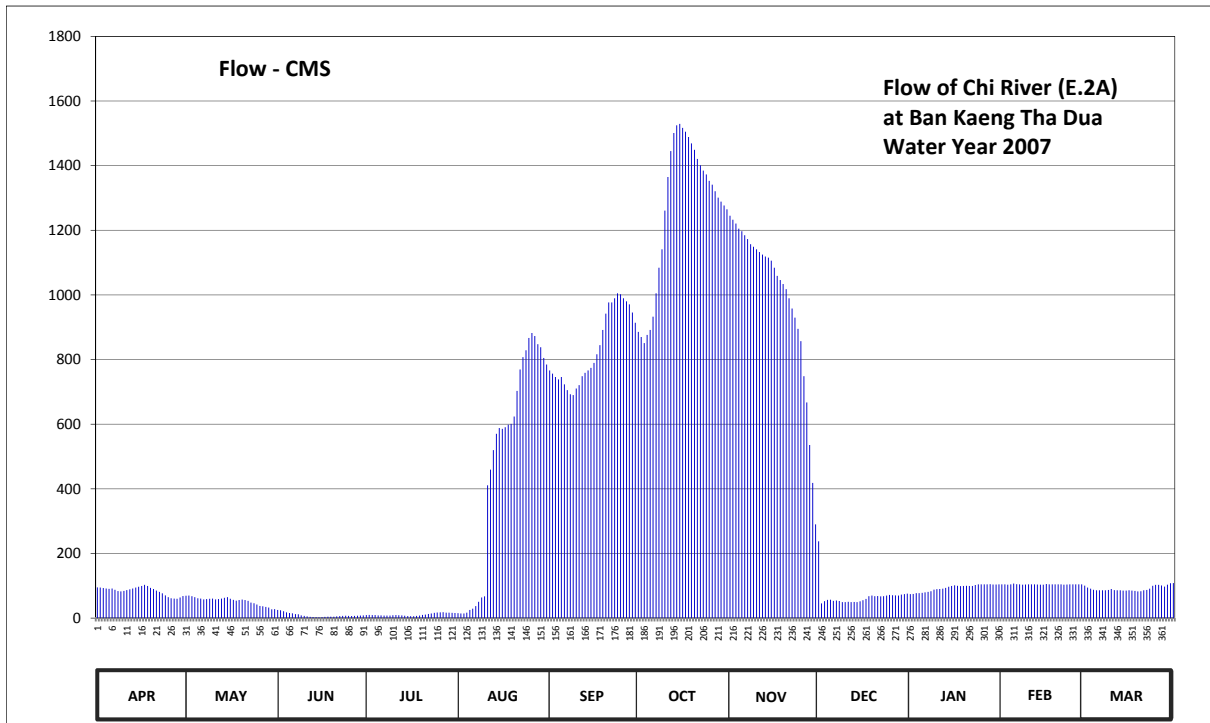
Lat 15 - 47 - 58 N Long 104 - 08 - 06 E

Location : on left bank at Ban Kaeng Tha Dua.

	Ban	Kaeng Tha Dua	Amphoe	Mueang	Changwat	Yasothon
Drainage Area	43,697	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+114.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 10.00 meters from the top staff gage.				Elevation	+128.180 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	2007 to date.					
Rating Operation						
Period of Rating	2007 to date.					
Rated by Flot	-					
Rated by Current Meter	2007 to date.					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	Overbank flow starts at elevation +124.730 m.(MSL.) and is including overbank flow					
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.86	123.12	121.52	120.69	121.02	124.83	125.24	126.30	122.21	123.27	124.10	124.01	
2	123.84	123.14	121.47	120.73	120.97	124.79	125.19	126.27	122.35	123.28	124.10	123.85	
3	123.80	123.08	121.32	120.70	120.96	124.75	125.13	126.24	122.58	123.35	124.08	123.75	
4	123.76	123.00	121.15	120.69	121.10	124.72	125.21	126.20	122.71	123.35	124.10	123.64	
5	123.73	122.88	121.04	120.64	121.51	124.75	125.26	126.18	122.73	123.38	124.17	123.60	
6	123.76	122.85	120.98	120.61	121.71	124.66	125.39	126.15	122.62	123.42	124.12	123.61	
7	123.64	122.76	120.87	120.59	122.07	124.59	125.62	126.12	122.64	123.46	124.10	123.60	
8	123.53	122.80	120.85	120.57	122.52	124.54	125.87	126.08	122.59	123.52	124.08	123.60	
9	123.50	122.83	120.63	120.59	122.96	124.53	126.04	126.06	122.48	123.66	124.09	123.63	
10	123.54	122.84	120.47	120.65	123.06	124.61	126.34	126.04	122.49	123.70	124.10	123.72	
11	123.62	122.76	120.33	120.69	123.26	124.65	126.60	126.02	122.52	123.71	124.10	123.62	
12	123.69	122.79	120.19	120.65	123.51	124.76	126.80	126.00	122.48	123.74	124.10	123.60	
13	123.76	122.85	120.13	120.62	123.82	124.80	126.94	125.98	122.50	123.82	124.09	123.60	
14	123.84	122.93	120.08	120.54	124.06	124.83	127.00	125.97	122.48	123.91	124.08	123.58	
15	123.92	123.00	120.06	120.45	124.13	124.86	127.01	125.94	122.56	123.99	124.08	123.58	
16	123.99	122.83	120.09	120.40	124.12	124.92	126.98	125.87	122.68	124.04	124.13	123.60	
17	124.07	122.71	120.17	120.39	124.14	125.02	126.95	125.79	122.81	124.00	124.10	123.58	
18	123.99	122.63	120.24	120.48	124.17	125.11	126.91	125.75	123.08	123.97	124.10	123.54	
19	123.81	122.70	120.25	120.58	124.18	125.26	126.86	125.71	123.14	123.99	124.10	123.50	
20	123.71	122.74	120.24	120.72	124.27	125.42	126.81	125.66	123.08	124.00	124.10	123.52	
21	123.57	122.70	120.32	120.80	124.58	125.53	126.74	125.57	123.10	123.99	124.10	123.60	
22	123.46	122.62	120.43	120.89	124.84	125.53	126.69	125.47	123.06	123.99	124.08	123.63	
23	123.33	122.43	120.49	120.96	124.99	125.57	126.65	125.38	123.08	124.06	124.09	123.75	
24	123.15	122.36	120.52	121.06	125.06	125.62	126.62	125.27	123.13	124.10	124.10	124.00	
25	123.00	122.24	120.47	121.11	125.18	125.61	126.57	125.15	123.19	124.10	124.10	124.07	
26	122.88	122.09	120.43	121.14	125.23	125.57	126.54	124.76	123.17	124.11	124.10	124.07	
27	122.84	122.05	120.50	121.16	125.20	125.54	126.49	124.44	123.15	124.10	124.11	124.02	
28	122.83	121.99	120.54	121.10	125.12	125.51	126.44	123.90	123.13	124.12	124.10	123.93	
29	122.96	121.89	120.59	121.09	125.09	125.43	126.41	123.30	123.22	124.09	124.06	124.08	
30	123.09	121.62	120.61	121.06	124.98	125.33	126.38	122.55	123.26	124.09	124.09	124.19	
31		121.64		121.03	124.90		126.35		123.30	124.10		124.20	
Mean	123.55	122.61	120.57	120.75	123.64	125.05	126.32	125.54	122.82	123.82	124.10	123.75	
Max	124.07	123.14	121.52	121.16	125.23	125.62	127.01	126.30	123.30	124.12	124.17	124.20	127.01
Min	122.83	121.62	120.06	120.39	120.96	124.53	125.13	122.55	122.21	123.27	124.06	123.50	120.06
Annual Max Momentary Gage Height	127.05		m. (MSL.) ,				at 05.00 Hours, on Oct 15, 2007						
Zero Gage at Bottom Elevation	114.00		m. (MSL.) ,			River Bed	114.81	m. (MSL.)					
Left Bank Elevation		128.33		m. (MSL.) ,									
Right Bank Elevation		124.38		m. (MSL.) ,		Drainage Are	43,697	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	95.10	69.20	25.40	9.35	15.40	766.65	885.60	1245.00	237.55	74.45	104.20	100.42		
2	94.40	69.90	24.40	9.95	14.40	756.45	869.85	1233.00	45.50	74.80	104.20	94.75		
3	93.00	67.80	21.40	9.50	14.20	746.25	850.95	1221.00	52.40	77.25	103.36	91.25		
4	91.60	65.00	18.00	9.35	17.00	738.60	876.15	1205.00	56.30	77.25	104.20	87.40		
5	90.55	61.40	15.80	8.60	25.20	746.25	891.90	1197.00	56.90	78.30	107.14	86.00		
6	91.60	60.50	14.60	8.15	29.20	723.30	932.85	1185.00	53.60	79.70	105.04	86.35		
7	87.40	57.80	12.40	7.90	37.10	705.45	1005.30	1173.00	54.20	81.10	104.20	86.00		
8	83.55	59.00	12.00	7.70	50.60	692.70	1084.05	1157.00	52.70	83.20	103.36	86.00		
9	82.50	59.90	8.45	7.90	63.80	690.15	1141.00	1149.00	49.40	88.10	103.78	87.05		
10	83.90	60.20	6.70	8.75	67.10	710.55	1261.00	1141.00	49.70	89.50	104.20	90.20		
11	86.70	57.80	5.30	9.35	410.70	720.75	1365.00	1133.00	50.60	89.85	104.20	86.70		
12	89.15	58.70	3.90	8.75	459.45	748.80	1445.00	1125.00	49.40	90.90	104.20	86.00		
13	91.60	60.50	3.30	8.30	519.90	759.00	1501.00	1118.70	50.00	93.70	103.78	86.00		
14	94.40	62.90	2.80	7.40	570.30	766.65	1525.00	1115.55	49.40	96.85	103.36	85.30		
15	97.20	65.00	2.60	6.50	588.15	774.30	1529.30	1106.10	51.80	99.65	103.36	85.30		
16	99.65	59.90	2.90	6.00	585.60	789.60	1517.00	1084.05	55.40	101.68	105.46	86.00		
17	102.94	56.30	3.70	5.90	590.70	816.30	1505.00	1058.85	59.30	100.00	104.20	85.30		
18	99.65	53.90	4.40	6.80	598.35	844.65	1489.00	1046.25	67.80	98.95	104.20	83.90		
19	93.35	56.00	4.50	7.80	600.90	891.90	1469.00	1033.65	69.90	99.65	104.20	82.50		
20	89.85	57.20	4.40	9.80	623.85	942.30	1449.00	1017.90	67.80	100.00	104.20	83.20		
21	84.95	56.00	5.20	11.00	702.90	976.95	1421.00	989.55	68.50	99.65	104.20	86.00		
22	81.10	53.60	6.30	12.80	769.20	976.95	1401.00	958.05	67.10	99.65	103.36	87.05		
23	76.55	47.90	6.90	14.20	807.45	989.55	1385.00	929.70	67.80	102.52	103.78	91.25		
24	70.25	45.80	7.20	16.20	828.90	1005.30	1373.00	895.05	69.55	104.20	104.20	100.00		
25	65.00	42.20	6.70	17.20	866.70	1002.15	1353.00	857.25	71.65	104.20	104.20	102.94		
26	61.40	37.70	6.30	17.80	882.45	989.55	1341.00	748.80	70.95	104.62	104.20	102.94		
27	60.20	36.50	7.00	18.20	873.00	980.10	1321.00	667.20	70.25	104.20	104.62	100.84		
28	59.90	34.80	7.40	17.00	847.80	970.65	1301.00	535.50	69.55	105.04	104.20	97.55		
29	63.80	32.80	7.90	16.80	838.35	945.45	1289.00	418.50	72.70	103.78	102.52	103.36		
30	68.15	27.40	8.15	16.20	804.90	913.95	1277.00	290.25	74.10	103.78		107.98		
31		27.80		15.60	784.50		1265.00		75.50	104.20		108.40		
Total	2529.39	1661.40	266.00	336.75	14888.05	25081.20	39319.95	30034.90	2057.30	2910.72	3020.12	2833.93	124939.71	CMSDAY
Mean	84.31	53.59	8.87	10.86	480.26	836.04	1268.39	1001.16	66.36	93.89	104.14	91.42	341.37	CMS
Max	102.94	69.90	25.40	18.20	882.45	1005.30	1529.30	1245.00	237.55	105.04	107.14	108.40	1529.30	CMS
Min	59.90	27.40	2.60	5.90	14.20	690.15	850.95	290.25	45.50	74.45	102.52	82.50	2.60	CMS
Runoff	218.54	143.54	22.98	29.10	1286.33	2167.02	3397.24	2595.02	177.75	251.49	260.94	244.85	10794.79	MCM
Momentary Peak	1546.50		CMS, at 127.05 m. (MSL), at 05.00 Hours, on Oct 15, 2007											
Runoff Yield	7.83		Liters/Second/Square KM.		Momentary Peak Yield	35.39		Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

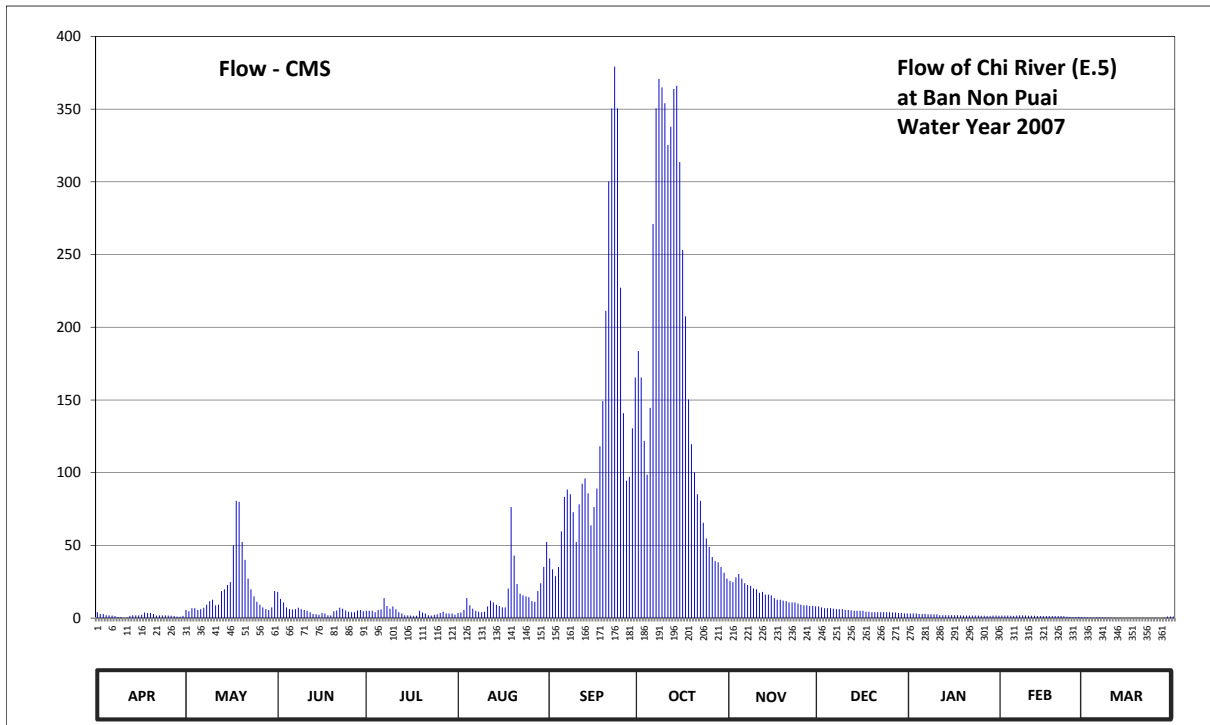
Lat 15 - 46 - 08 N Long 101 - 49 - 01 E

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 +199.956 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	Stable because of backwater effect.		
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 26 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

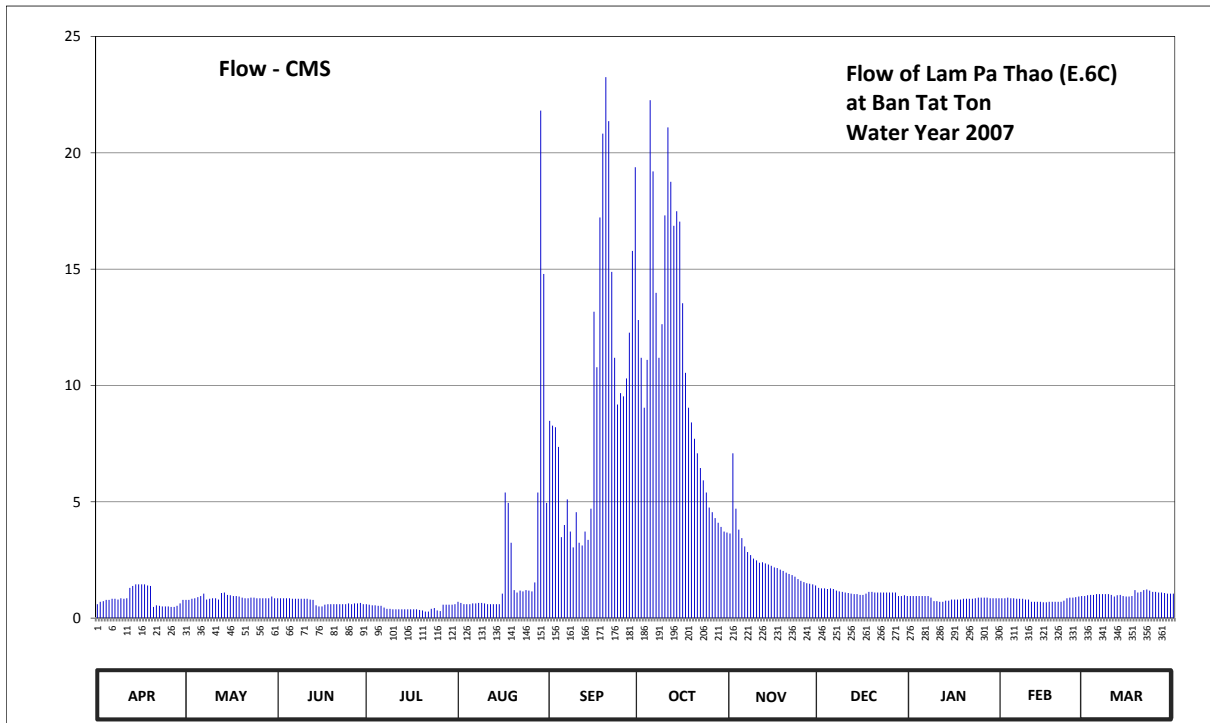
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.07	190.12	190.40	190.10	190.05	190.71	193.99	190.52	190.20	190.04	189.97	189.85	
2	190.03	190.09	190.32	190.10	190.06	190.62	193.56	190.51	190.18	190.04	189.97	189.84	
3	190.03	190.16	190.27	190.10	190.12	190.56	192.41	190.55	190.16	190.04	189.97	189.84	
4	190.00	190.16	190.18	190.07	190.33	190.64	191.69	190.58	190.16	190.03	189.96	189.83	
5	189.99	190.12	190.14	190.12	190.22	190.88	193.06	190.54	190.16	190.03	189.95	189.84	
6	189.97	190.14	190.13	190.13	190.15	191.17	195.61	190.50	190.15	190.03	189.97	189.84	
7	189.94	190.17	190.14	190.33	190.10	191.35	196.65	190.48	190.14	190.02	189.99	189.84	
8	189.88	190.23	190.17	190.21	190.08	191.24	196.84	190.47	190.14	190.02	189.99	189.84	
9	189.86	190.29	190.14	190.15	190.07	190.96	196.79	190.44	190.14	190.02	189.97	189.83	
10	189.80	190.31	190.12	190.20	190.08	190.82	196.69	190.43	190.12	190.02	189.96	189.82	
11	189.83	190.22	190.10	190.14	190.20	190.99	196.37	190.39	190.12	190.00	189.96	189.82	
12	189.95	190.23	190.07	190.07	190.30	191.48	196.51	190.40	190.11	190.00	189.96	189.81	
13	190.00	190.41	190.03	190.04	190.27	191.60	196.78	190.37	190.10	190.00	189.94	189.81	
14	189.99	190.43	190.02	190.00	190.23	191.26	196.80	190.37	190.10	190.00	189.94	189.74	
15	189.99	190.48	190.01	189.99	190.21	190.91	196.24	190.36	190.10	190.00	189.94	189.71	
16	190.01	190.51	190.05	189.97	190.18	190.98	195.33	190.33	190.10	190.00	189.94	189.70	
17	190.06	190.80	190.04	189.95	190.18	191.37	194.49	190.31	190.08	190.00	189.94	189.68	
18	190.05	191.03	190.00	189.96	190.44	192.30	193.20	190.31	190.08	189.99	189.94	189.68	
19	190.05	191.00	189.99	190.10	190.98	193.17	192.34	190.30	190.07	189.98	189.94	189.68	
20	190.03	190.82	190.09	190.06	190.73	194.57	191.74	190.29	190.07	189.98	189.94	189.67	
21	189.98	190.70	190.11	190.04	190.49	196.06	191.24	190.27	190.07	189.98	189.94	189.67	
22	189.99	190.54	190.17	190.00	190.38	196.65	191.03	190.27	190.07	189.98	189.93	189.75	
23	189.99	190.43	190.15	189.97	190.36	196.91	190.92	190.27	190.07	189.97	189.90	189.79	
24	189.99	190.35	190.11	190.01	190.35	196.65	190.84	190.25	190.07	189.97	189.89	189.74	
25	189.98	190.28	190.08	190.02	190.34	194.90	190.79	190.23	190.07	189.96	189.85	189.80	
26	189.96	190.23	190.07	190.05	190.29	192.97	190.72	190.22	190.06	189.96	189.86	189.80	
27	189.94	190.18	190.07	190.08	190.28	191.55	190.69	190.22	190.06	189.95	189.89	189.76	
28	189.91	190.14	190.11	190.04	190.41	191.64	190.68	190.21	190.05	189.95	189.88	189.82	
29	189.90	190.12	190.12	190.04	190.50	192.66	190.64	190.21	190.05	189.97	189.88	189.91	
30	189.95	190.18	190.09	190.04	190.64	193.56	190.59	190.20	190.04	189.97	189.97	189.91	
31		190.41		190.01	190.82		190.54		190.04	189.96		189.91	
Mean	189.97	190.36	190.12	190.07	190.32	192.37	193.41	190.36	190.10	190.00	189.94	189.79	
Max	190.07	191.03	190.40	190.33	190.98	196.91	196.84	190.58	190.20	190.04	189.99	189.91	196.91
Min	189.80	190.09	189.99	189.95	190.05	190.56	190.54	190.20	190.04	189.95	189.85	189.67	189.67
Annual Max Momentary Gage Height	196.92		m. (MSL.) ,				at 06.00 Hours, on Sep 23, 2007						
Zero Gage at Bottom Elevation	186.07		m. (MSL.) ,			River Bed	185.98	m. (MSL.)					
Left Bank Elevation	199.72		m. (MSL.) ,										
Right Bank Elevation	199.65		m. (MSL.) ,			Drainage Are	4,207	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.10	5.60	18.00	5.00	3.50	41.00	183.58	25.60	8.00	3.20	1.70	0.50	
2	2.90	4.70	13.20	5.00	3.80	33.60	165.52	24.80	7.40	3.20	1.70	0.40	
3	2.90	6.80	10.80	5.00	5.60	28.80	121.94	28.00	6.80	3.20	1.70	0.40	
4	2.00	6.80	7.40	4.10	13.80	35.20	98.70	30.40	6.80	2.90	1.60	0.30	
5	1.90	5.60	6.20	5.60	8.80	59.60	144.52	27.20	6.80	2.90	1.50	0.40	
6	1.70	6.20	5.90	5.90	6.50	83.40	271.04	24.00	6.50	2.90	1.70	0.40	
7	1.40	7.10	6.20	13.80	5.00	88.50	350.50	22.80	6.20	2.60	1.90	0.40	
8	0.80	9.20	7.10	8.40	4.40	85.20	370.80	22.20	6.20	2.60	1.90	0.40	
9	0.60	11.60	6.20	6.50	4.10	72.80	364.90	20.40	6.20	2.60	1.70	0.30	
10	0.00	12.60	5.60	8.00	4.40	52.40	354.10	19.80	5.60	2.60	1.60	0.20	
11	0.30	8.80	5.00	6.20	8.00	78.20	325.30	17.40	5.60	2.00	1.60	0.20	
12	1.50	9.20	4.10	4.10	12.00	92.40	337.90	18.00	5.30	2.00	1.60	0.10	
13	2.00	18.60	2.90	3.20	10.80	96.00	363.80	16.20	5.00	2.00	1.40	0.10	
14	1.90	19.80	2.60	2.00	9.20	85.80	366.00	16.20	5.00	2.00	1.40	0.00	
15	1.90	22.80	2.30	1.90	8.40	63.80	313.60	15.60	5.00	2.00	1.40	0.00	
16	2.30	24.80	3.50	1.70	7.40	76.40	253.12	13.80	5.00	2.00	1.40	0.00	
17	3.80	50.00	3.20	1.50	7.40	89.10	207.52	12.60	4.40	2.00	1.40	0.00	
18	3.50	80.60	2.00	1.60	20.40	118.20	150.40	12.60	4.40	1.90	1.40	0.00	
19	3.50	80.00	1.90	5.00	76.40	149.14	119.56	12.00	4.10	1.80	1.40	0.00	
20	2.90	52.40	4.70	3.80	43.00	211.36	100.20	11.60	4.10	1.80	1.40	0.00	
21	1.80	40.00	5.30	3.20	23.40	300.20	85.20	10.80	4.10	1.80	1.40	0.00	
22	1.90	27.20	7.10	2.00	16.80	350.50	80.60	10.80	4.10	1.80	1.30	0.00	
23	1.90	19.80	6.50	1.70	15.60	379.20	65.60	10.80	4.10	1.70	1.00	0.00	
24	1.90	15.00	5.30	2.30	15.00	350.50	54.80	10.00	4.10	1.70	0.90	0.00	
25	1.80	11.20	4.40	2.60	14.40	227.20	49.00	9.20	4.10	1.60	0.50	0.00	
26	1.60	9.20	4.10	3.50	11.60	140.98	42.00	8.80	3.80	1.60	0.60	0.00	
27	1.40	7.40	4.10	4.40	11.20	94.50	39.20	8.80	3.80	1.50	0.90	0.00	
28	1.10	6.20	5.30	3.20	18.60	97.20	38.40	8.40	3.50	1.50	0.80	0.20	
29	1.00	5.60	5.60	3.20	24.00	130.44	35.20	8.40	3.50	1.70	0.80	1.10	
30	1.50	7.40	4.70	3.20	35.20	165.52	31.20	8.00	3.20	1.70		1.10	
31		18.60		2.30	52.40		27.20		3.20	1.60		1.10	
Total	57.80	610.80	171.20	129.90	501.10	3877.14	5511.40	485.20	155.90	66.40	39.60	7.60	11614.04 CMSDAY
Mean	1.93	19.70	5.71	4.19	16.16	129.24	177.79	16.17	5.03	2.14	1.37	0.25	31.73 CMS
Max	4.10	80.60	18.00	13.80	76.40	379.20	370.80	30.40	8.00	3.20	1.90	1.10	379.20 CMS
Min	0.00	4.70	1.90	1.50	3.50	28.80	27.20	8.00	3.20	1.50	0.50	0.00	0.00 CMS
Runoff	4.99	52.77	14.79	11.22	43.30	334.98	476.18	41.92	13.47	5.74	3.42	0.66	1003.45 MCM
Momentary Peak	380.40	CMS, at 196.92 m. (MSL), at 06.00 Hours, on Sep 23, 2007											
Runoff Yield	7.56	Liters/Second/Square KM.		Momentary Peak Yield		90.42	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.78	0.85	0.60	0.70	8.48	12.81	3.64	1.30	0.95	0.85	0.95	
2	0.70	0.78	0.85	0.58	0.65	8.27	11.19	7.08	1.28	0.95	0.85	0.98	
3	0.73	0.83	0.85	0.55	0.60	8.20	9.04	4.70	1.28	0.95	0.88	1.00	
4	0.78	0.85	0.85	0.55	0.60	7.36	11.10	3.80	1.25	0.95	0.85	1.00	
5	0.78	0.90	0.85	0.53	0.60	3.48	22.26	3.44	1.28	0.95	0.85	1.03	
6	0.83	0.95	0.83	0.53	0.63	4.00	19.20	3.08	1.25	0.95	0.83	1.03	
7	0.83	1.05	0.83	0.45	0.63	5.10	13.98	2.84	1.18	0.95	0.83	1.03	
8	0.80	0.80	0.83	0.40	0.65	3.72	11.19	2.71	1.15	0.88	0.83	1.03	
9	0.85	0.83	0.83	0.40	0.65	3.04	12.63	2.56	1.13	0.73	0.80	1.03	
10	0.83	0.85	0.83	0.38	0.63	4.55	17.31	2.48	1.10	0.73	0.80	1.00	
11	0.85	0.85	0.83	0.38	0.60	3.24	21.09	2.38	1.08	0.70	0.70	0.93	
12	1.30	0.80	0.80	0.38	0.60	3.12	18.75	2.40	1.05	0.70	0.70	0.98	
13	1.38	1.08	0.78	0.38	0.60	3.72	16.86	2.35	1.03	0.75	0.70	1.00	
14	1.45	1.10	0.55	0.38	0.60	3.36	17.49	2.30	1.03	0.75	0.70	0.95	
15	1.45	1.00	0.50	0.38	0.60	4.70	17.04	2.25	1.00	0.80	0.68	0.93	
16	1.45	0.98	0.50	0.38	1.05	13.17	13.53	2.18	1.00	0.80	0.68	0.93	
17	1.45	0.95	0.58	0.38	5.40	10.78	10.54	2.15	1.05	0.80	0.70	0.95	
18	1.40	0.95	0.60	0.38	4.95	17.22	9.04	2.08	1.13	0.80	0.70	1.20	
19	1.38	0.93	0.60	0.35	3.24	20.82	8.41	2.03	1.13	0.83	0.70	1.10	
20	0.48	0.88	0.60	0.33	1.20	23.25	7.71	1.95	1.10	0.83	0.70	1.13	
21	0.55	0.85	0.60	0.28	1.10	21.36	7.08	1.90	1.10	0.83	0.70	1.20	
22	0.53	0.85	0.60	0.28	1.18	14.88	6.45	1.85	1.10	0.83	0.75	1.23	
23	0.50	0.88	0.60	0.40	1.15	11.19	5.92	1.78	1.10	0.85	0.85	1.18	
24	0.50	0.88	0.60	0.43	1.20	9.18	5.40	1.68	1.10	0.88	0.88	1.13	
25	0.50	0.85	0.63	0.33	1.18	9.67	4.75	1.60	1.10	0.88	0.88	1.13	
26	0.48	0.85	0.60	0.30	1.15	9.53	4.55	1.55	1.10	0.88	0.90	1.10	
27	0.48	0.85	0.63	0.58	1.53	10.30	4.30	1.50	1.10	0.88	0.93	1.10	
28	0.53	0.85	0.63	0.58	5.40	12.27	4.10	1.48	0.95	0.85	0.95	1.08	
29	0.63	0.85	0.65	0.58	21.81	15.78	3.92	1.45	0.95	0.85	0.93	1.05	
30	0.78	0.93	0.60	0.58	14.79	19.38	3.72	1.40	0.98	0.85		1.05	
31		0.85		0.60	4.95		3.68		0.95	0.85		1.05	
Total	25.80	27.63	20.88	13.63	80.62	293.12	335.04	74.59	34.33	26.18	23.10	32.48	987.40 CMSDAY
Mean	0.86	0.89	0.70	0.44	2.60	9.77	10.81	2.49	1.11	0.84	0.80	1.05	2.70 CMS
Max	1.45	1.10	0.85	0.60	21.81	23.25	22.26	7.08	1.30	0.95	0.95	1.23	23.25 CMS
Min	0.48	0.78	0.50	0.28	0.60	3.04	3.68	1.40	0.95	0.70	0.68	0.93	0.28 CMS
Runoff	2.23	2.39	1.80	1.18	6.97	25.33	28.95	6.44	2.97	2.26	2.00	2.81	85.31 MCM
Momentary Peak	31.40	CMS, at 197.14 m. (MSL), at 16.00 Hours, on Aug 29, 2007											
Runoff Yield	7.16	Liters/Second/Square KM.		Momentary Peak Yield			83.07	Liters/Second/Square KM.					

WATER YEAR : 2007**CHI RIVER BASIN****Chi River at Ban Chot , Khon Kaen (E.9)**

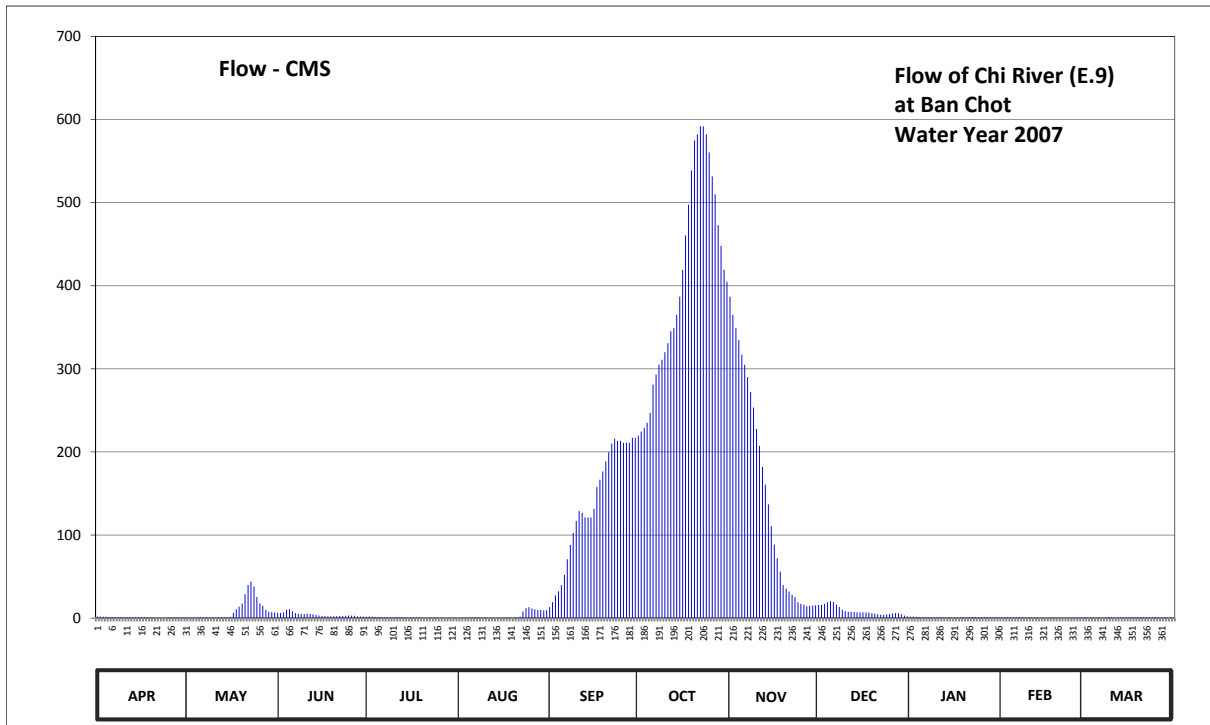
Lat 16 - 05 - 44 N Long 102 - 34 - 25 E

Location : on left bank about 80 meters downstream from the bridge on highway.

	Ban Chot	Amphoe Manchakhiri	Changwat Khon Kaen
Drainage Area	10,878 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+151.113 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank about 25 meters from the top staff gage.	Elevation	+167.014 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	1958 to date		
Rating Operation			
Period of Rating	1967 - 1973, 1986 - 1987, 1992 to date		
Rated by Flot	-		
Rated by Current Meter	1967 - 1980, 1983 - 1987, 1992 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The barrage situated above gage site. Stage-discharge relation defined by 29 discharge measurement made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	152.80	152.49	153.48	152.75	152.34	154.32	161.27	161.87	154.58	152.79	152.55	152.54	
2	152.80	152.47	153.46	152.76	152.36	154.92	161.31	161.82	154.60	152.75	152.57	152.51	
3	152.72	152.45	153.55	152.74	152.42	155.46	161.34	161.78	154.72	152.69	152.57	152.51	
4	152.66	152.49	154.00	152.68	152.45	155.76	161.38	161.74	154.91	152.61	152.56	152.48	
5	152.63	152.54	154.05	152.63	152.46	156.17	161.44	161.69	155.03	152.59	152.56	152.43	
6	152.64	152.54	153.73	152.63	152.49	156.77	161.57	161.65	154.96	152.58	152.55	152.42	
7	152.64	152.56	153.43	152.60	152.49	157.55	161.61	161.60	154.63	152.57	152.56	152.46	
8	152.64	152.52	153.32	152.55	152.49	158.20	161.65	161.54	154.35	152.56	152.54	152.51	
9	152.61	152.51	153.26	152.52	152.50	158.68	161.67	161.47	153.99	152.56	152.51	152.52	
10	152.56	152.50	153.27	152.50	152.46	159.14	161.70	161.33	153.78	152.56	152.49	152.52	
11	152.54	152.51	153.32	152.52	152.43	159.48	161.73	161.16	153.66	152.55	152.47	152.51	
12	152.60	152.53	153.32	152.56	152.40	159.42	161.77	160.80	153.65	152.53	152.47	152.51	
13	152.52	152.53	153.24	152.53	152.38	159.26	161.78	160.34	153.61	152.50	152.47	152.52	
14	152.55	152.53	153.12	152.49	152.38	159.26	161.82	159.71	153.56	152.49	152.46	152.53	
15	152.56	152.51	153.00	152.49	152.37	159.26	161.87	158.95	153.56	152.47	152.44	152.53	
16	152.56	152.68	152.92	152.51	152.41	159.56	161.94	158.21	153.56	152.47	152.43	152.54	
17	152.57	153.48	152.90	152.51	152.46	160.27	162.02	157.60	153.56	152.51	152.44	152.54	
18	152.56	154.05	152.87	152.48	152.47	160.49	162.08	156.95	153.54	152.56	152.46	152.55	
19	152.51	154.38	152.86	152.44	152.46	160.69	162.14	156.18	153.43	152.57	152.46	152.58	
20	152.44	154.75	152.86	152.40	152.46	160.92	162.19	155.96	153.35	152.58	152.45	152.59	
21	152.36	155.56	152.87	152.36	152.56	161.07	162.20	155.75	153.24	152.60	152.45	152.57	
22	152.33	156.18	152.89	152.39	152.73	161.19	162.21	155.49	153.14	152.61	152.44	152.57	
23	152.33	156.38	152.94	152.42	153.72	161.24	162.21	155.32	153.11	152.61	152.44	152.56	
24	152.36	156.10	152.97	152.44	154.19	161.22	162.20	154.93	153.19	152.62	152.44	152.55	
25	152.47	155.34	153.02	152.42	154.30	161.22	162.17	154.71	153.27	152.63	152.45	152.55	
26	152.52	154.77	153.02	152.39	154.18	161.20	162.13	154.61	153.36	152.63	152.45	152.54	
27	152.52	154.49	152.97	152.36	154.06	161.20	162.10	154.43	153.43	152.63	152.46	152.51	
28	152.48	153.97	152.83	152.33	153.98	161.20	162.04	154.48	153.40	152.60	152.49	152.50	
29	152.48	153.66	152.76	152.33	153.94	161.25	162.00	154.51	153.23	152.55	152.48	152.47	
30	152.49	153.59	152.79	152.31	153.90	161.25	161.94	154.53	153.02	152.56	152.43	152.45	
31		153.52		152.34	153.93		161.91		152.85	152.53		152.43	
Mean	152.55	153.57	153.17	152.50	152.91	159.25	161.85	158.37	153.75	152.58	152.49	152.52	
Max	152.80	156.38	154.05	152.76	154.30	161.25	162.21	161.87	155.03	152.79	152.57	152.59	162.21
Min	152.33	152.45	152.76	152.31	152.34	154.32	161.27	154.43	152.85	152.47	152.43	152.42	152.31
Annual Max Momentary Gage Height	162.21		m. (MSL.) ,			at 15.00 Hours, on Oct 21, 2007							
Zero Gage at Bottom Elevation	151.11		m. (MSL.) ,			River Bed	149.98	m. (MSL.)					
Left Bank Elevation		166.90		m. (MSL.) ,									
Right Bank Elevation		166.60		m. (MSL.) ,		Drainage Are	10,878	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.00	0.76	6.36	1.80	0.16	13.20	219.40	386.80	15.80	1.96	1.00	0.96		
2	2.00	0.68	6.22	1.84	0.24	19.20	224.50	364.80	16.00	1.80	1.08	0.84		
3	1.68	0.60	6.85	1.76	0.48	27.36	229.00	348.80	17.20	1.56	1.08	0.84		
4	1.44	0.76	10.00	1.52	0.60	32.16	235.00	334.40	19.10	1.24	1.04	0.72		
5	1.32	0.96	10.50	1.32	0.64	39.57	246.80	317.00	20.48	1.16	1.04	0.52		
6	1.36	0.96	8.11	1.32	0.76	52.17	281.00	305.00	19.60	1.12	1.00	0.48		
7	1.36	1.04	6.01	1.20	0.76	70.75	293.00	290.00	16.30	1.08	1.04	0.64		
8	1.36	0.88	5.24	1.00	0.76	88.00	305.00	272.00	13.50	1.04	0.96	0.84		
9	1.24	0.84	4.82	0.88	0.80	102.40	311.00	253.40	9.93	1.04	0.84	0.88		
10	1.04	0.80	4.89	0.80	0.64	116.90	320.00	227.50	8.46	1.04	0.76	0.88		
11	0.96	0.84	5.24	0.88	0.52	128.80	330.80	207.40	7.62	1.00	0.68	0.84		
12	1.20	0.92	5.24	1.04	0.40	126.70	345.20	182.00	7.55	0.92	0.68	0.84		
13	0.88	0.92	4.68	0.92	0.32	121.10	348.80	160.60	7.27	0.80	0.68	0.88		
14	1.00	0.92	3.84	0.76	0.32	121.10	364.80	136.85	6.92	0.76	0.64	0.92		
15	1.04	0.84	3.00	0.76	0.28	121.10	386.80	110.50	6.92	0.68	0.56	0.92		
16	1.04	1.52	2.60	0.84	0.44	131.60	419.20	88.30	6.92	0.68	0.52	0.96		
17	1.08	6.36	2.50	0.84	0.64	157.80	460.40	72.00	6.92	0.84	0.56	0.96		
18	1.04	10.50	2.35	0.72	0.68	166.60	497.60	55.95	6.78	1.04	0.64	1.00		
19	0.84	13.80	2.30	0.56	0.64	176.50	538.80	39.78	6.01	1.08	0.64	1.12		
20	0.56	17.50	2.30	0.40	0.64	188.40	574.80	35.36	5.45	1.12	0.60	1.16		
21	0.24	28.96	2.35	0.24	1.04	199.60	582.00	32.00	4.68	1.20	0.60	1.08		
22	0.12	39.78	2.45	0.36	1.72	210.10	591.80	27.84	3.98	1.24	0.56	1.08		
23	0.12	43.98	2.70	0.48	8.04	215.80	591.80	25.12	3.77	1.24	0.56	1.04		
24	0.24	38.10	2.85	0.56	11.90	213.40	582.00	19.30	4.33	1.28	0.56	1.00		
25	0.68	25.44	3.14	0.48	13.00	213.40	560.40	17.10	4.89	1.32	0.60	1.00		
26	0.88	17.70	3.14	0.36	11.80	211.00	531.60	16.10	5.52	1.32	0.60	0.96		
27	0.88	14.90	2.85	0.24	10.60	211.00	510.00	14.30	6.01	1.32	0.64	0.84		
28	0.72	9.79	2.15	0.12	9.86	211.00	472.80	14.80	5.80	1.20	0.76	0.80		
29	0.72	7.62	1.84	0.12	9.58	217.00	448.00	15.10	4.61	1.00	0.72	0.68		
30	0.76	7.13	1.96	0.04	9.30	217.00	419.20	15.30	3.14	1.04		0.60		
31		6.64		0.16	9.51		404.80		2.25	0.92		0.52		
Total	29.80	302.44	128.48	24.32	107.07	4120.71	12626.30	4385.40	273.71	35.04	21.64	26.80	22081.71	CMSDAY
Mean	0.99	9.76	4.28	0.78	3.45	137.36	407.30	146.18	8.83	1.13	0.75	0.86	60.33	CMS
Max	2.00	43.98	10.50	1.84	13.00	217.00	591.80	386.80	20.48	1.96	1.08	1.16	591.80	CMS
Min	0.12	0.60	1.84	0.04	0.16	13.20	219.40	14.30	2.25	0.68	0.52	0.48	0.04	CMS
Runoff	2.57	26.13	11.10	2.10	9.25	356.03	1090.91	378.90	23.65	3.03	1.87	2.32	1907.86	MCM
Momentary Peak		591.81	CMS, at 162.21 m. (MSL), at 15.00 Hours, on Oct 21, 2007											
Runoff Yield		5.56	Liters/Second/Square KM.		Momentary Peak Yield	54.40	Liters/Second/Square KM.							

WATER YEAR : 2007

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	+132.496 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 fair. Stage-discharge relation defined by 87 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	124.25	123.84	124.37	124.58	123.97	128.56	129.98	132.00	125.77	125.09	124.80	124.74	
2	124.25	124.02	124.29	124.53	124.89	128.68	129.94	131.99	125.54	125.08	124.66	124.65	
3	124.19	123.90	124.15	124.37	125.75	128.74	129.99	131.96	125.40	124.88	124.62	124.60	
4	124.13	123.90	124.01	124.08	126.24	128.76	130.22	131.93	125.28	124.66	124.67	124.57	
5	123.98	123.87	123.84	124.09	126.31	128.72	130.52	131.90	125.21	124.34	124.77	124.54	
6	123.89	123.96	124.05	124.11	126.23	128.67	130.73	131.87	125.12	124.20	124.78	124.46	
7	123.94	124.08	124.02	123.99	126.64	128.68	130.90	131.84	124.90	124.23	124.75	124.32	
8	123.79	124.60	124.06	123.88	127.44	128.71	131.06	131.82	124.74	124.27	124.73	124.24	
9	123.74	124.47	124.05	123.71	128.04	128.78	131.24	131.80	124.72	124.35	124.72	124.36	
10	123.85	124.23	123.87	123.60	128.48	128.92	131.41	131.77	124.60	124.39	124.72	124.32	
11	123.96	124.04	123.96	123.51	128.80	129.11	131.56	131.73	124.56	124.54	124.73	124.17	
12	123.91	123.87	123.89	123.49	128.98	129.25	131.71	131.70	124.40	124.79	124.67	124.09	
13	124.02	124.13	123.79	123.42	129.09	129.35	131.84	131.65	124.22	124.97	124.47	124.01	
14	124.22	124.78	123.83	123.29	129.09	129.45	131.96	131.60	124.19	124.98	124.52	123.85	
15	124.33	125.20	124.05	123.16	128.89	129.54	132.05	131.54	124.18	125.03	124.79	123.84	
16	124.43	125.26	123.94	123.19	128.66	129.66	132.15	131.47	124.21	125.04	124.86	123.79	
17	124.47	125.20	123.96	123.52	128.69	129.81	132.22	131.38	124.41	125.05	124.93	123.72	
18	124.34	125.18	123.98	124.11	128.86	130.00	132.29	131.29	124.40	125.05	124.98	123.70	
19	124.27	124.99	124.06	124.34	129.12	130.15	132.33	131.17	124.39	125.07	124.98	123.91	
20	124.19	124.82	124.15	124.26	129.28	130.21	132.35	131.03	124.40	124.97	124.97	123.98	
21	124.01	124.62	124.23	124.23	129.40	130.24	132.35	130.87	124.58	124.88	124.95	123.87	
22	124.00	124.52	124.19	124.28	129.46	130.27	132.34	130.67	124.59	124.89	124.83	124.22	
23	123.92	124.41	124.08	124.27	129.48	130.30	132.32	130.37	124.82	124.87	124.80	124.49	
24	123.75	124.42	124.13	124.31	129.46	130.33	132.29	129.92	124.87	124.86	124.88	124.67	
25	123.58	124.49	124.47	124.41	129.35	130.33	132.25	129.34	124.80	124.85	124.80	124.63	
26	123.55	124.57	124.56	124.27	129.15	130.32	132.22	128.60	124.70	124.87	124.78	124.61	
27	123.49	124.58	124.52	124.13	128.87	130.27	132.18	127.82	124.67	124.91	124.77	124.51	
28	123.48	124.52	124.56	123.96	128.56	130.20	132.14	127.16	124.76	124.96	124.82	124.62	
29	123.35	124.48	124.65	123.90	128.35	130.12	132.10	126.65	124.91	124.97	124.80	124.77	
30	123.41	124.44	124.60	123.83	128.34	130.03	132.05	126.17	125.00	124.92	124.92	124.87	
31		124.56		123.72	128.45		132.02		125.07	124.88		124.89	
Mean	123.96	124.45	124.14	123.95	128.14	129.54	131.64	130.70	124.76	124.80	124.78	124.32	
Max	124.47	125.26	124.65	124.58	129.48	130.33	132.35	132.00	125.77	125.09	124.98	124.89	132.35
Min	123.35	123.84	123.79	123.16	123.97	128.56	129.94	126.17	124.18	124.20	124.47	123.70	123.16
Annual Max Momentary Gage Height	132.35												at 11.00 Hours, on Oct 20, 2007
Zero Gage at Bottom Elevation	122.24						120.75						m. (MSL.)
Left Bank Elevation		135.03											m. (MSL.)
Right Bank Elevation		135.07											m. (MSL.)
Drainage Area	41,187												Square Kilometers

WATER YEAR : 2007

CHI RIVER BASIN

Chi River at Ban Maha Chana Chai , Yasothon (E.20A)

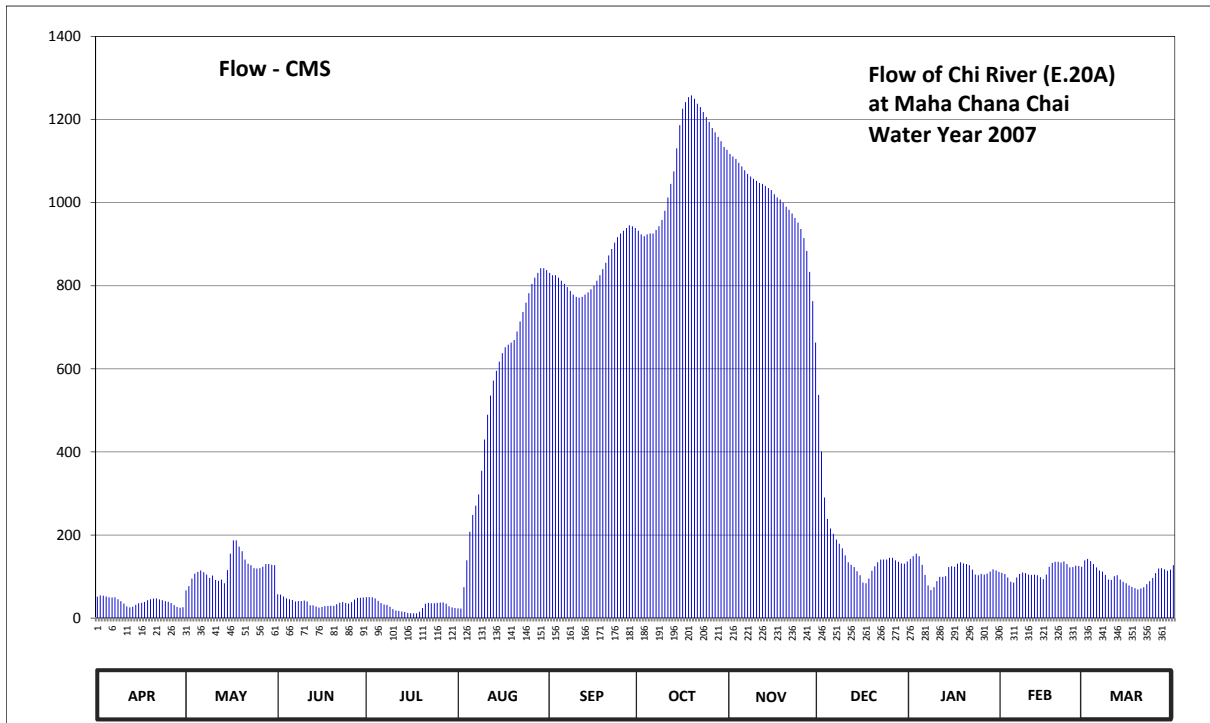
Lat 15 - 31 - 22 N Long 104 - 15 - 13 E

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 +119.070 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 34 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	115.83	115.23	115.95	115.81	115.15	121.00	121.46	122.19	119.25	116.14	115.76	116.10	
2	115.89	115.36	115.93	115.81	115.13	120.97	121.42	122.17	118.33	116.21	115.73	116.14	
3	115.88	115.59	115.84	115.80	115.33	120.97	121.40	122.15	117.49	116.27	115.62	116.08	
4	115.84	115.74	115.75	115.75	116.10	120.94	121.42	122.12	117.07	116.21	115.49	116.00	
5	115.80	115.79	115.71	115.61	116.80	120.90	121.43	122.09	116.87	115.98	115.47	115.91	
6	115.79	115.83	115.66	115.48	117.15	120.86	121.43	122.06	116.75	115.70	115.62	115.83	
7	115.80	115.78	115.58	115.39	117.33	120.82	121.47	122.03	116.61	115.38	115.73	115.80	
8	115.71	115.71	115.60	115.37	117.55	120.77	121.51	122.01	116.51	115.24	115.77	115.70	
9	115.59	115.61	115.60	115.26	118.01	120.72	121.58	121.99	116.40	115.33	115.75	115.56	
10	115.45	115.68	115.63	115.09	118.53	120.69	121.68	121.97	116.23	115.51	115.71	115.55	
11	115.28	115.55	115.58	114.97	118.94	120.68	121.81	121.95	116.05	115.64	115.70	115.66	
12	115.22	115.52	115.34	114.94	119.24	120.69	121.94	121.94	115.98	115.64	115.71	115.69	
13	115.26	115.56	115.34	114.89	119.47	120.72	122.05	121.92	115.92	115.66	115.69	115.56	
14	115.37	115.45	115.27	114.86	119.62	120.75	122.23	121.90	115.81	115.92	115.63	115.49	
15	115.47	115.84	115.21	114.79	119.76	120.79	122.39	121.88	115.69	115.94	115.57	115.45	
16	115.50	116.27	115.25	114.75	119.89	120.84	122.49	121.84	115.47	115.93	115.71	115.38	
17	115.55	116.59	115.30	114.73	119.98	120.90	122.53	121.81	115.45	116.01	115.93	115.34	
18	115.65	116.59	115.31	114.73	120.02	120.97	122.56	121.79	115.59	116.05	116.03	115.30	
19	115.71	116.44	115.32	114.88	120.05	121.04	122.57	121.76	115.82	116.02	116.06	115.26	
20	115.74	116.33	115.32	115.17	120.09	121.11	122.55	121.72	115.94	116.00	116.06	115.29	
21	115.75	116.12	115.41	115.44	120.21	121.19	122.52	121.69	116.05	115.97	116.04	115.33	
22	115.70	116.01	115.50	115.49	120.35	121.26	122.50	121.65	116.12	115.85	116.07	115.42	
23	115.65	115.97	115.54	115.47	120.48	121.33	122.47	121.60	116.12	115.71	116.00	115.51	
24	115.59	115.89	115.49	115.47	120.61	121.39	122.44	121.55	116.12	115.69	115.91	115.61	
25	115.56	115.88	115.45	115.49	120.74	121.43	122.41	121.48	116.17	115.73	115.92	115.75	
26	115.48	115.89	115.54	115.51	120.86	121.46	122.37	121.38	116.17	115.71	115.96	115.88	
27	115.35	115.93	115.69	115.52	120.94	121.49	122.34	121.24	116.10	115.74	115.95	115.89	
28	115.25	116.00	115.77	115.44	121.00	121.52	122.31	121.01	116.06	115.80	115.93	115.86	
29	115.20	116.00	115.78	115.29	121.05	121.51	122.28	120.63	116.02	115.86	116.01	115.82	
30	115.23	115.98	115.79	115.22	121.05	121.49	122.24	120.05	116.01	115.83		115.85	
31		115.97		115.17	121.03		122.22		116.07	115.79		115.97	
Mean	115.57	115.87	115.55	115.28	119.11	121.04	122.07	121.72	116.33	115.82	115.81	115.68	
Max	115.89	116.59	115.95	115.81	121.05	121.52	122.57	122.19	119.25	116.27	116.07	116.14	122.57
Min	115.20	115.23	115.21	114.73	115.13	120.68	121.40	120.05	115.45	115.24	115.47	115.26	114.73
Annual Max Momentary Gage Height	122.57		m. (MSL.) ,			at 01.00 Hours, on Oct 19, 2007							
Zero Gage at Bottom Elevation	112.00		m. (MSL.) ,			River Bed	111.51	m. (MSL.)					
Left Bank Elevation		119.07		m. (MSL.) ,									
Right Bank Elevation		120.62		m. (MSL.) ,		Drainage Are	47,800	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	51.50	66.40	57.50	50.50	23.50	831.00	932.20	1117.00	537.25	142.60	108.80	139.00		
2	54.50	76.80	56.50	50.50	22.90	825.30	923.40	1111.00	400.85	149.00	106.40	142.60		
3	54.00	95.20	52.00	50.00	74.40	825.30	919.00	1105.00	290.27	155.00	97.60	137.20		
4	52.00	107.20	47.50	47.50	139.00	819.60	923.40	1096.00	238.61	149.00	87.20	130.00		
5	50.00	111.20	45.50	41.40	208.00	812.00	925.60	1087.00	215.70	128.20	85.60	121.90		
6	49.50	114.70	43.40	36.20	248.45	804.40	925.60	1078.00	203.00	104.00	97.60	114.70		
7	50.00	110.40	40.20	32.60	270.59	796.80	934.40	1069.00	189.00	78.40	106.40	112.00		
8	45.50	104.80	41.00	31.80	297.65	787.60	943.20	1063.00	179.00	67.20	109.60	104.00		
9	40.60	96.80	41.00	27.40	354.45	778.60	958.60	1057.50	168.00	74.40	108.00	92.80		
10	35.00	102.40	42.20	21.70	429.85	773.25	980.60	1052.50	151.00	88.80	104.80	92.00		
11	28.20	92.00	40.20	18.10	489.30	771.50	1012.50	1047.50	134.50	99.20	104.00	100.80		
12	25.80	89.60	30.60	17.20	535.68	773.25	1045.00	1045.00	128.20	99.20	104.80	103.20		
13	27.40	92.80	30.60	15.70	571.79	778.60	1075.00	1040.00	122.80	100.80	103.20	92.80		
14	31.80	84.00	27.80	14.80	595.34	784.00	1130.50	1035.00	112.90	122.80	98.40	87.20		
15	35.80	115.60	25.40	12.80	617.32	791.20	1186.50	1030.00	103.20	124.60	93.60	84.00		
16	37.00	155.00	27.00	12.00	637.73	800.60	1226.00	1020.00	85.60	123.70	104.80	78.40		
17	39.00	187.00	29.00	11.60	651.86	812.00	1242.00	1012.50	84.00	130.90	123.70	75.20		
18	43.00	187.00	29.40	11.60	658.20	825.30	1254.00	1007.50	95.20	134.50	132.70	72.00		
19	45.50	172.00	29.80	15.40	663.00	839.80	1258.00	1000.00	113.80	131.80	135.40	68.80		
20	47.00	161.00	29.80	24.10	669.40	855.20	1250.00	990.00	124.60	130.00	135.40	71.20		
21	47.50	140.80	33.40	34.60	689.70	872.80	1238.00	982.80	134.50	127.30	133.60	74.40		
22	45.00	130.90	37.00	36.60	713.75	888.20	1230.00	974.00	140.80	116.50	136.30	81.60		
23	43.00	127.30	38.60	35.80	736.50	903.60	1218.00	963.00	140.80	104.80	130.00	88.80		
24	40.60	120.10	36.60	35.80	759.25	916.80	1206.00	952.00	140.80	103.20	121.90	96.80		
25	39.40	119.20	35.00	36.60	782.20	925.60	1194.00	936.60	145.30	106.40	122.80	108.00		
26	36.20	120.10	38.60	37.40	804.40	932.20	1179.50	914.60	145.30	104.80	126.40	119.20		
27	31.00	123.70	44.60	37.80	819.60	938.80	1169.00	883.80	139.00	107.20	125.50	120.10		
28	27.00	130.00	48.50	34.60	831.00	945.40	1158.50	833.20	135.40	112.00	123.70	117.40		
29	25.00	130.00	49.00	28.60	842.00	943.20	1148.00	762.75	131.80	117.40	130.90	113.80		
30	26.20	128.20	49.50	25.80	842.00	938.80	1134.00	663.00	130.90	114.70	117.40	116.50		
31		127.30		24.10	837.60		1127.00		136.30	111.20		127.30		
Total	1204.00	3719.50	1177.20	910.60	16816.41	25290.70	34047.50	29929.25	5198.38	3559.60	3299.10	3183.70	128335.94	CMSDAY
Mean	40.13	119.98	39.24	29.37	542.46	843.02	1098.31	997.64	167.69	114.83	113.76	102.70	350.64	CMS
Max	54.50	187.00	57.50	50.50	842.00	945.40	1258.00	1117.00	537.25	155.00	136.30	142.60	1258.00	CMS
Min	25.00	66.40	25.40	11.60	22.90	771.50	919.00	663.00	84.00	67.20	85.60	68.80	11.60	CMS
Runoff	104.03	321.36	101.71	78.68	1452.94	2185.12	2919.70	2585.89	449.14	307.55	285.04	275.07	11088.23	MCM
Momentary Peak	1258.00	CMS, at 122.57 m. (MSL), at 01.00 Hours, on Oct 19, 2007												
Runoff Yield	7.36	Liters/Second/Square KM.			Momentary Peak Yield	26.32	Liters/Second/Square KM.							

WATER YEAR : 2007

CHI RIVER BASIN

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

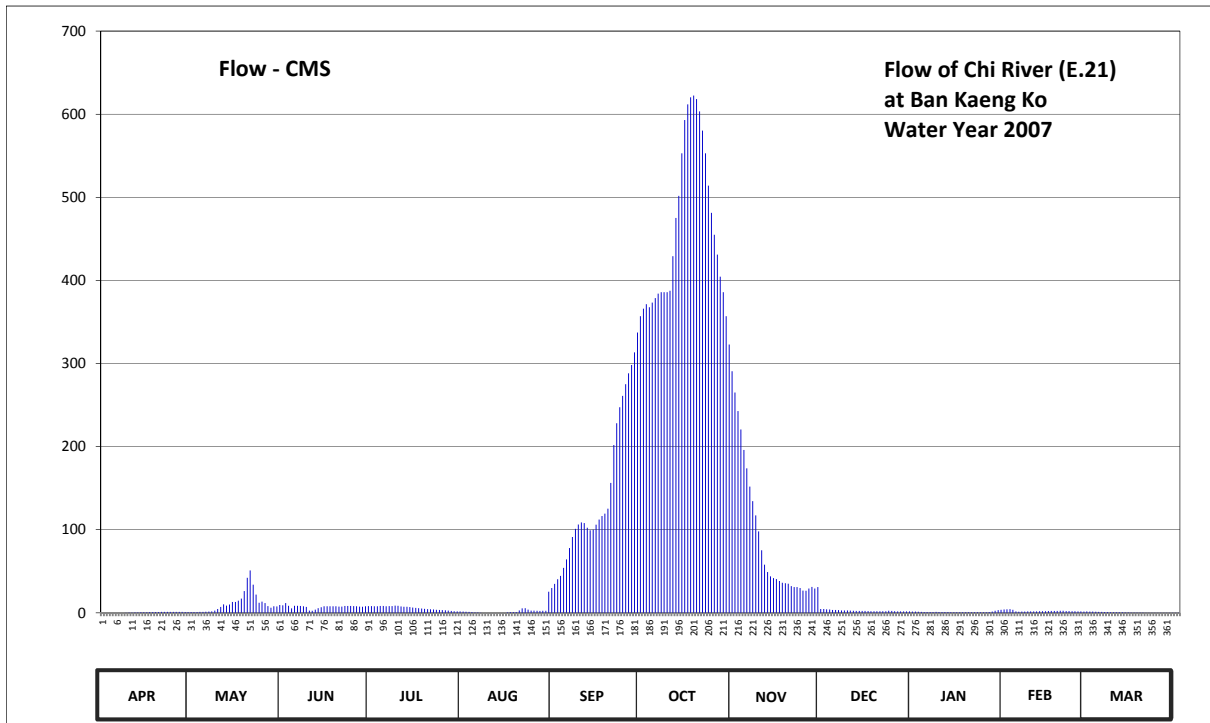
Lat 15 - 45 - 07 N Long 102 - 15 - 25 E

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	+177.385 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 24 discharge measurements made in 2007.		

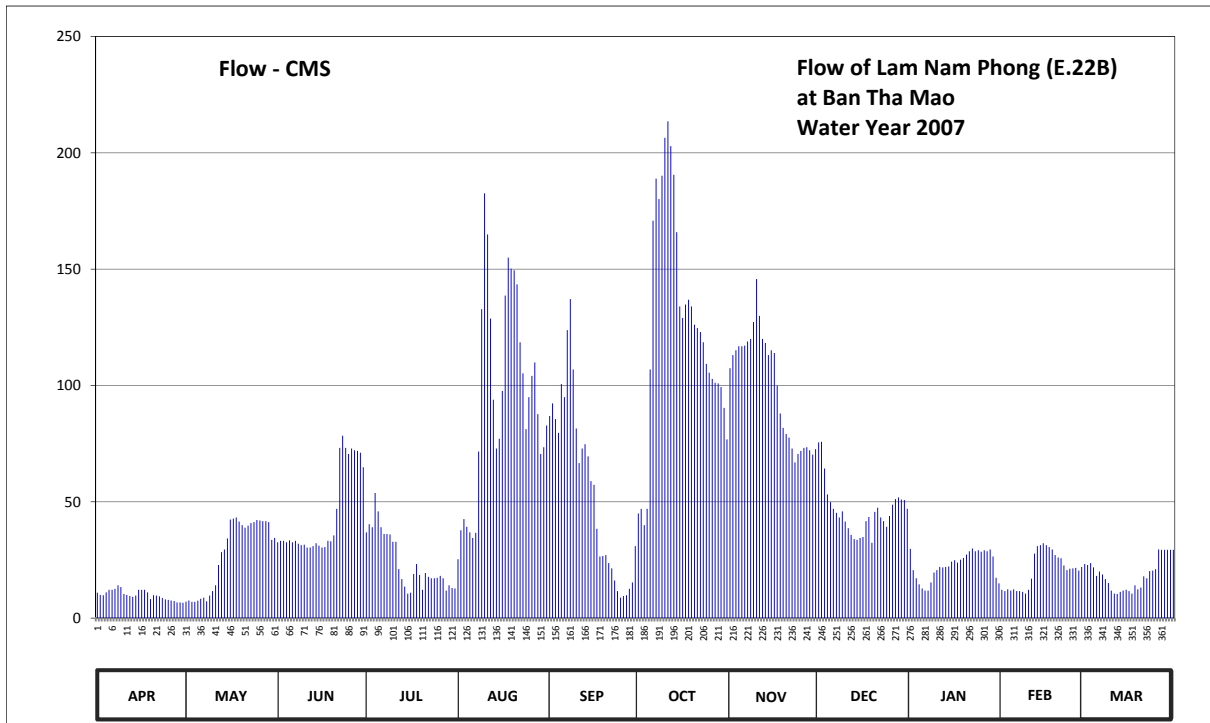
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	165.73	166.32	167.60	167.55	166.47	167.21	173.25	172.56	167.11	166.46	167.02	166.47	
2	165.73	166.32	167.69	167.54	166.43	167.40	173.28	172.32	167.05	166.40	167.06	166.46	
3	165.74	166.33	167.57	167.54	166.39	167.54	173.26	172.01	166.99	166.38	166.91	166.42	
4	165.74	166.37	167.25	167.56	166.31	167.87	173.29	171.58	166.90	166.34	166.50	166.38	
5	165.74	166.39	167.57	167.56	166.25	168.18	173.32	171.13	166.88	166.34	166.42	166.36	
6	165.75	166.44	167.57	167.54	166.21	168.57	173.35	170.62	166.83	166.34	166.45	166.33	
7	165.79	166.47	167.56	167.55	166.03	168.95	173.36	170.18	166.78	166.34	166.46	166.31	
8	165.88	166.52	167.54	167.55	165.92	169.23	173.36	169.69	166.78	166.37	166.50	166.28	
9	166.04	166.71	167.50	167.58	165.80	169.38	173.36	169.14	166.78	166.35	166.52	166.28	
10	166.12	167.10	166.74	167.57	165.55	169.45	173.37	168.49	166.73	166.35	166.53	166.28	
11	166.20	167.50	166.70	167.53	165.65	169.43	173.59	167.99	166.69	166.35	166.53	166.27	
12	166.23	167.64	166.95	167.51	165.67	169.27	173.82	167.70	166.64	166.31	166.55	166.26	
13	166.23	167.58	167.30	167.51	165.59	169.18	173.95	167.52	166.64	166.30	166.57	166.23	
14	166.26	167.63	167.47	167.48	165.54	169.20	174.20	167.45	166.64	166.28	166.58	166.22	
15	166.28	167.72	167.54	167.43	165.90	169.37	174.39	167.41	166.65	166.27	166.61	166.20	
16	166.29	167.72	167.54	167.37	166.24	169.55	174.48	167.33	166.61	166.26	166.64	166.18	
17	166.31	167.75	167.54	167.29	166.33	169.67	174.52	167.26	166.57	166.26	166.66	166.16	
18	166.32	167.80	167.54	167.23	166.34	169.75	174.53	167.24	166.57	166.26	166.66	166.14	
19	166.34	167.94	167.54	167.15	166.35	169.92	174.51	167.22	166.57	166.26	166.68	166.12	
20	166.35	168.08	167.52	167.08	166.77	170.73	174.44	167.12	166.56	166.26	166.67	166.11	
21	166.36	168.13	167.52	167.04	167.27	171.69	174.33	167.08	166.56	166.26	166.63	166.09	
22	166.36	168.02	167.56	167.00	167.29	172.13	174.20	167.08	166.59	166.26	166.61	166.09	
23	166.36	167.88	167.56	166.93	166.95	172.37	174.01	167.04	166.68	166.26	166.57	166.07	
24	166.37	167.70	167.56	166.89	166.71	172.52	173.85	166.94	166.65	166.26	166.55	166.07	
25	166.37	167.73	167.55	166.84	166.71	172.65	173.72	166.93	166.56	166.27	166.52	166.07	
26	166.37	167.69	167.54	166.79	166.68	172.76	173.60	167.02	166.51	166.34	166.51	166.06	
27	166.37	167.55	167.52	166.73	166.66	172.84	173.46	167.09	166.50	166.47	166.48	166.06	
28	166.36	167.41	167.51	166.66	166.70	172.95	173.36	167.02	166.50	166.70	166.51	166.08	
29	166.35	167.54	167.54	166.58	166.69	173.09	173.20	167.08	166.50	166.85	166.50	166.09	
30	166.31	167.53	167.55	166.54	166.89	173.20	173.01	167.11	166.50	166.91	166.51	166.09	
31		167.61		166.50	167.04		172.78		166.48	166.99		166.09	
Mean	166.16	167.33	167.45	167.21	166.37	170.20	173.71	168.41	166.68	166.39	166.60	166.20	
Max	166.37	168.13	167.69	167.58	167.29	173.20	174.53	172.56	167.11	166.99	167.06	166.47	174.53
Min	165.73	166.32	166.70	166.50	165.54	167.21	172.78	166.93	166.48	166.26	166.42	166.06	165.54
Annual Max Momentary Gage Height	174.53		m. (MSL.) ,				at 13.00 Hours, on Oct 17, 2007						
Zero Gage at Bottom Elevation	164.98		m. (MSL.) ,			River Bed	163.24	m. (MSL.)					
Left Bank Elevation		177.25		m. (MSL.) ,									
Right Bank Elevation		177.25		m. (MSL.) ,		Drainage Are	8,777	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.88	9.00	8.00	1.48	34.71	366.00	265.00	4.55	1.44	4.10	1.48	
2	0.00	0.88	11.70	7.80	1.32	40.29	371.40	242.80	4.25	1.20	4.30	1.44	
3	0.00	0.92	8.40	7.80	1.16	44.41	367.80	220.60	3.95	1.12	3.55	1.28	
4	0.00	1.08	5.25	8.20	0.84	54.12	373.20	195.90	3.50	0.96	1.60	1.12	
5	0.00	1.16	8.40	8.20	0.60	64.32	378.60	173.85	3.40	0.96	1.28	1.04	
6	0.00	1.36	8.40	7.80	0.44	77.95	384.00	151.80	3.15	0.96	1.40	0.92	
7	0.00	1.48	8.20	8.00	0.06	91.25	385.80	134.30	2.90	0.96	1.44	0.84	
8	0.00	1.68	7.80	8.00	0.00	101.05	385.80	117.15	2.90	1.08	1.60	0.72	
9	0.08	2.55	7.00	8.60	0.00	106.30	385.80	97.90	2.90	1.00	1.68	0.72	
10	0.24	4.50	2.70	8.40	0.00	108.75	387.60	75.15	2.65	1.00	1.72	0.72	
11	0.40	7.00	2.50	7.60	0.00	108.05	429.10	57.88	2.45	1.00	1.72	0.68	
12	0.52	10.20	3.75	7.20	0.00	102.45	475.10	49.12	2.20	0.84	1.80	0.64	
13	0.52	8.60	5.50	7.20	0.00	99.30	501.75	43.82	2.20	0.80	1.88	0.52	
14	0.64	9.90	6.70	6.80	0.00	100.00	553.00	41.77	2.20	0.72	1.92	0.48	
15	0.72	13.00	7.80	6.30	0.00	105.95	592.90	40.59	2.25	0.68	2.05	0.40	
16	0.76	13.00	7.80	5.85	0.56	112.25	611.80	38.24	2.05	0.64	2.20	0.36	
17	0.84	14.50	7.80	5.45	0.92	116.45	620.30	36.18	1.88	0.64	2.30	0.32	
18	0.88	17.00	7.80	5.15	0.96	119.25	622.45	35.59	1.88	0.64	2.30	0.28	
19	0.96	26.20	7.80	4.75	1.00	125.20	618.15	35.00	1.88	0.64	2.40	0.24	
20	1.00	42.20	7.40	4.40	2.85	156.20	603.40	32.06	1.84	0.64	2.35	0.22	
21	1.04	51.00	7.40	4.20	5.35	201.95	580.30	30.88	1.84	0.64	2.15	0.18	
22	1.04	33.80	8.20	4.00	5.45	228.10	553.00	30.88	1.96	0.64	2.05	0.18	
23	1.04	21.80	8.20	3.65	3.75	247.30	514.05	29.71	2.40	0.64	1.88	0.14	
24	1.08	12.00	8.20	3.45	2.55	261.00	481.25	26.77	2.25	0.64	1.80	0.14	
25	1.08	13.50	8.00	3.20	2.55	275.00	455.00	26.47	1.84	0.68	1.68	0.14	
26	1.08	11.70	7.80	2.95	2.40	288.20	431.00	29.12	1.64	0.96	1.64	0.12	
27	1.08	8.00	7.40	2.65	2.30	298.20	404.40	31.18	1.60	1.48	1.52	0.12	
28	1.04	6.10	7.20	2.30	2.50	313.50	385.80	29.12	1.60	2.50	1.64	0.16	
29	1.00	7.80	7.80	1.92	2.45	337.20	357.00	30.88	1.60	3.25	1.60	0.18	
30	0.84	7.60	8.00	1.76	25.29	357.00	322.80	4.55	1.60	3.55		0.18	
31		9.30		1.60	29.71		290.60		1.52	3.95		0.18	
Total	17.88	360.69	219.90	173.18	96.49	4675.70	14189.15	2354.26	74.83	36.85	59.55	16.14	22274.62 CMSDAY
Mean	0.60	11.64	7.33	5.59	3.11	155.86	457.71	78.48	2.41	1.19	2.05	0.52	60.86 CMS
Max	1.08	51.00	11.70	8.60	29.71	357.00	622.45	265.00	4.55	3.95	4.30	1.48	622.45 CMS
Min	0.00	0.88	2.50	1.60	0.00	34.71	290.60	4.55	1.52	0.64	1.28	0.12	0.00 CMS
Runoff	1.54	31.16	19.00	14.96	8.34	403.98	1225.94	203.41	6.47	3.18	5.15	1.39	1924.53 MCM
Momentary Peak		622.45	CMS, at 174.53 m. (MSL.), at 13.00 Hours, on Oct 17, 2007										
Runoff Yield		6.95	Liters/Second/Square KM.				Momentary Peak Yield	70.92	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.90	7.10	32.58	36.86	25.27	86.86	45.00	107.38	75.50	29.74	12.18	23.24		
2	10.00	7.58	33.19	40.38	37.74	92.26	46.98	113.06	75.76	20.60	11.62	22.84		
3	9.83	6.98	33.19	39.06	42.58	85.51	39.94	115.09	64.32	17.15	12.37	23.65		
4	11.08	6.98	32.58	53.80	39.28	79.66	46.98	116.83	53.14	14.51	11.80	21.82		
5	12.18	7.46	33.39	45.88	36.86	100.63	106.84	116.83	49.84	12.75	12.37	18.17		
6	12.18	8.30	32.58	39.06	34.44	94.96	170.84	117.12	46.98	11.80	11.62	19.99		
7	12.56	8.81	33.19	36.20	36.64	123.79	188.90	118.86	45.22	11.80	11.62	18.78		
8	14.11	7.22	31.97	36.20	71.60	137.13	180.08	120.02	43.24	15.32	11.26	16.75		
9	13.32	9.66	31.36	35.98	132.78	106.84	190.16	127.27	45.88	19.59	10.54	15.12		
10	10.36	11.62	31.56	32.78	182.60	81.48	206.40	145.68	41.48	20.60	12.18	11.80		
11	10.00	14.11	30.35	32.78	164.88	66.66	213.52	129.88	38.62	22.02	16.95	10.54		
12	9.49	22.84	30.35	21.01	128.72	72.90	202.88	120.02	35.76	21.82	27.71	10.36		
13	9.15	28.32	30.96	16.75	93.88	74.72	190.58	118.28	34.00	22.02	30.96	11.26		
14	9.66	29.53	32.17	13.51	72.90	69.52	165.84	113.06	33.59	22.23	31.36	11.80		
15	12.18	34.22	31.16	10.54	77.06	58.86	133.94	115.09	34.44	24.26	32.17	12.18		
16	12.18	42.36	30.35	10.90	97.66	57.30	129.01	113.93	34.88	24.87	31.36	11.62		
17	12.18	42.80	30.55	18.98	138.64	38.40	134.81	99.82	41.70	23.85	30.55	10.54		
18	11.08	43.24	33.19	23.24	154.96	26.49	136.84	87.94	43.46	25.07	29.53	14.11		
19	8.18	41.48	32.99	18.57	150.16	26.69	133.94	81.74	32.38	25.88	27.10	12.37		
20	9.83	39.94	35.54	12.18	149.52	27.10	126.11	79.14	45.66	27.30	26.08	13.13		
21	9.66	38.84	46.98	19.38	143.44	23.65	124.66	77.58	47.42	28.72	25.68	17.96		
22	9.32	39.72	73.16	17.76	118.57	21.41	122.92	72.90	43.24	29.94	22.63	17.15		
23	8.64	40.82	78.36	17.15	105.22	16.14	118.57	66.92	41.70	28.72	20.60	20.20		
24	8.06	41.26	73.16	17.15	81.22	11.62	109.29	70.56	39.28	29.13	21.21	20.40		
25	7.82	42.14	70.56	17.35	94.96	8.81	105.49	71.86	43.90	28.52	21.41	21.01		
26	7.58	41.92	72.90	18.17	104.14	9.49	102.79	73.16	48.74	29.13	21.62	29.53		
27	7.34	41.70	72.12	17.15	109.87	9.83	101.17	73.42	51.16	28.72	20.40	29.33		
28	6.74	41.70	71.86	11.80	87.67	12.56	100.90	72.12	51.82	29.53	22.02	29.33		
29	6.74	41.26	71.08	14.11	70.56	15.32	99.28	70.30	50.94	26.49	21.82	29.33		
30	6.62	33.59	64.84	12.94	73.42	30.96	90.37	72.64	50.72	17.35		29.33		
31		34.44		12.75	82.81		76.80		46.98	14.92		29.33		
Total	298.97	857.94	1338.22	750.37	2940.05	1667.55	3941.83	2978.50	1431.75	704.35	598.72	582.97	18091.22	CMSDAY
Mean	9.97	27.68	44.61	24.21	94.84	55.59	127.16	99.28	46.19	22.72	20.65	18.81	49.43	CMS
Max	14.11	43.24	78.36	53.80	182.60	137.13	213.52	145.68	75.76	29.94	32.17	29.53	213.52	CMS
Min	6.62	6.98	30.35	10.54	25.27	8.81	39.94	66.92	32.38	11.80	10.54	10.36	6.62	CMS
Runoff	25.83	74.13	115.62	64.83	254.02	144.08	340.57	257.34	123.70	60.86	51.73	50.37	1563.08	MCM
Momentary Peak		216.64	CMS, at 159.07 m. (MSL.), at 06.00 Hours, on Oct 11, 2007											
Runoff Yield		3.63	Liters/Second/Square KM.			Momentary Peak Yield		15.89	Liters/Second/Square KM.					

WATER YEAR : 2007**CHI RIVER BASIN**

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

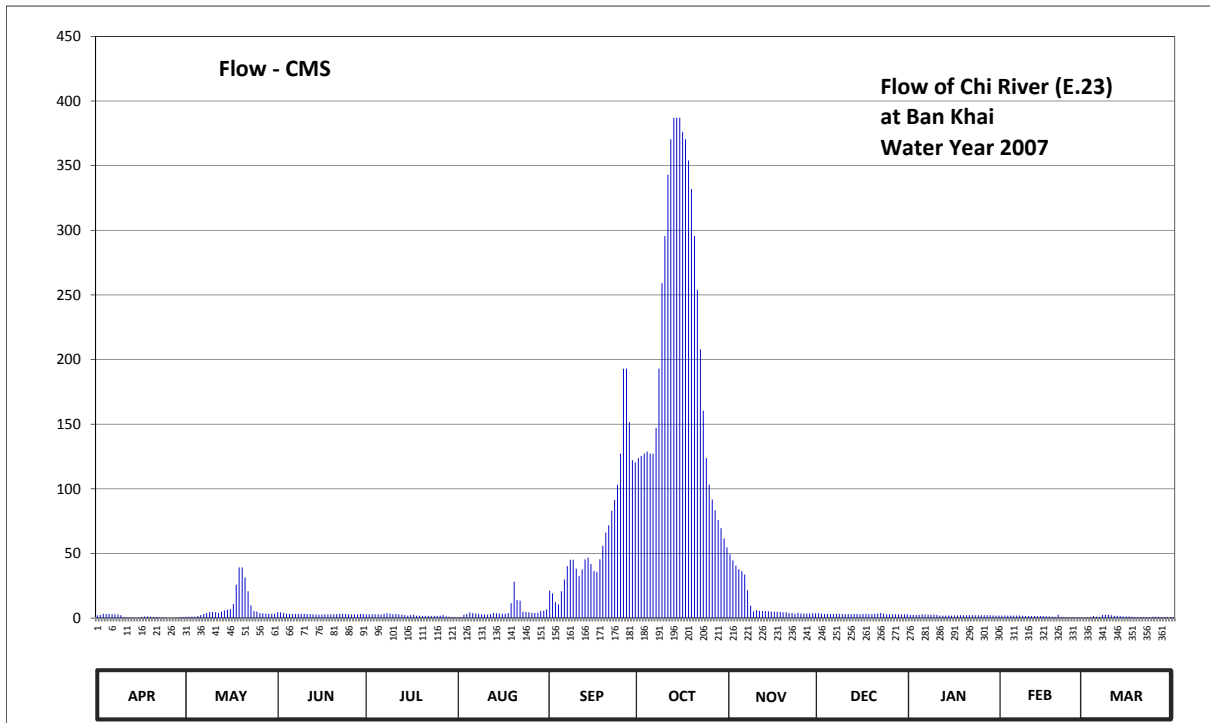
Lat 15 - 40 - 49 N Long 102 - 00 - 46 E

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	+183.370 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 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.23	177.00	177.66	177.40	176.91	178.95	182.24	180.31	177.53	177.29	177.20	176.79	
2	177.30	177.03	177.65	177.40	176.96	178.80	182.25	180.11	177.50	177.29	177.20	176.85	
3	177.46	177.02	177.58	177.40	177.33	178.30	182.26	179.93	177.45	177.29	177.20	176.95	
4	177.45	177.02	177.50	177.40	177.44	178.18	182.27	179.79	177.47	177.32	177.20	177.12	
5	177.45	177.12	177.45	177.38	177.63	178.91	182.26	179.72	177.45	177.39	177.20	177.01	
6	177.42	177.26	177.45	177.37	177.56	179.39	182.26	179.58	177.44	177.37	177.20	177.00	
7	177.40	177.43	177.43	177.47	177.49	179.91	182.33	178.97	177.47	177.35	177.19	177.28	
8	177.36	177.58	177.44	177.55	177.46	180.13	182.43	178.12	177.47	177.35	177.16	177.32	
9	177.24	177.66	177.45	177.48	177.40	180.13	182.56	177.72	177.45	177.35	177.15	177.32	
10	176.95	177.67	177.45	177.40	177.36	179.81	182.63	177.81	177.40	177.29	177.13	177.25	
11	176.81	177.66	177.45	177.44	177.34	179.52	182.72	177.75	177.41	177.20	177.12	177.18	
12	176.74	177.58	177.42	177.39	177.40	179.78	182.77	177.74	177.42	177.20	177.12	177.15	
13	176.68	177.69	177.39	177.34	177.59	180.14	182.80	177.74	177.44	177.20	177.11	177.09	
14	176.68	177.79	177.36	177.26	177.56	180.20	182.80	177.72	177.44	177.20	177.11	177.06	
15	176.71	177.86	177.35	177.20	177.51	180.00	182.80	177.71	177.40	177.20	177.11	177.05	
16	176.98	177.89	177.37	177.27	177.49	179.72	182.78	177.70	177.43	177.21	177.10	177.04	
17	177.05	178.21	177.40	177.34	177.50	179.69	182.77	177.69	177.43	177.23	177.07	177.00	
18	177.04	179.19	177.40	177.18	177.57	180.15	182.74	177.68	177.42	177.25	177.03	176.95	
19	177.02	179.86	177.39	177.16	178.25	180.58	182.70	177.64	177.42	177.25	177.00	176.94	
20	176.95	179.86	177.38	177.15	179.31	181.01	182.63	177.64	177.43	177.25	177.33	176.93	
21	176.90	179.48	177.42	177.14	178.43	181.23	182.55	177.60	177.50	177.25	176.92	176.93	
22	176.81	178.91	177.46	177.14	178.39	181.62	182.46	177.59	177.60	177.25	176.89	176.93	
23	176.75	178.13	177.47	177.14	177.70	181.88	182.36	177.46	177.50	177.25	176.86	176.95	
24	176.70	177.76	177.44	177.15	177.67	182.09	182.24	177.61	177.40	177.24	176.84	176.98	
25	176.62	177.71	177.40	177.16	177.65	182.26	182.09	177.51	177.40	177.24	176.83	176.98	
26	176.56	177.56	177.40	177.18	177.61	182.43	181.89	177.52	177.40	177.24	176.81	176.97	
27	176.54	177.53	177.39	177.27	177.59	182.43	181.63	177.52	177.40	177.24	176.84	176.96	
28	176.70	177.49	177.39	177.08	177.62	182.34	181.38	177.52	177.40	177.24	176.78	176.95	
29	176.83	177.46	177.43	177.01	177.74	182.23	181.14	177.53	177.40	177.21	176.78	176.95	
30	176.96	177.45	177.44	176.96	177.77	182.22	180.82	177.53	177.40	177.20	176.78	176.94	
31		177.47		176.91	177.88		180.53		177.39	177.20		176.90	
Mean	176.98	177.85	177.44	177.26	177.65	180.47	182.26	178.15	177.44	177.26	177.05	177.02	
Max	177.46	179.86	177.66	177.55	179.31	182.43	182.80	180.31	177.60	177.39	177.33	177.32	182.80
Min	176.54	177.00	177.35	176.91	176.91	178.18	180.53	177.46	177.39	177.20	176.78	176.79	176.54
Annual Max Momentary Gage Height	182.80		m. (MSL.) ,				at 06.00 Hours, on Oct 13, 2007						
Zero Gage at Bottom Elevation	174.00		m. (MSL.) ,			River Bed	175.29	m. (MSL.)					
Left Bank Elevation		185.08		m. (MSL.) ,									
Right Bank Elevation		185.44		m. (MSL.) ,		Drainage Are	6,282	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.15	1.00	4.60	3.00	0.78	21.30	123.80	49.44	3.65	2.45	2.00	0.48	
2	2.50	1.15	4.50	3.00	0.90	19.20	125.50	44.64	3.50	2.45	2.00	0.63	
3	3.30	1.10	3.90	3.00	2.65	12.20	127.20	40.60	3.25	2.45	2.00	0.88	
4	3.25	1.10	3.50	3.00	3.20	10.52	128.90	37.80	3.35	2.60	2.00	1.60	
5	3.25	1.60	3.25	2.90	4.30	20.74	127.20	36.40	3.25	2.95	2.00	1.05	
6	3.10	2.30	3.25	2.85	3.80	29.80	127.20	33.60	3.20	2.85	2.00	1.00	
7	3.00	3.15	3.15	3.35	3.45	40.20	147.20	21.58	3.35	2.75	1.95	2.40	
8	2.80	3.90	3.20	3.75	3.30	45.12	193.00	9.68	3.35	2.75	1.80	2.60	
9	2.20	4.60	3.25	3.40	3.00	45.12	259.20	5.20	3.25	2.75	1.75	2.60	
10	0.88	4.70	3.25	3.00	2.80	38.20	295.60	6.10	3.00	2.45	1.65	2.25	
11	0.53	4.60	3.25	3.20	2.70	32.40	343.00	5.50	3.05	2.00	1.60	1.90	
12	0.35	3.90	3.10	2.95	3.00	37.60	370.50	5.40	3.10	2.00	1.60	1.75	
13	0.20	4.90	2.95	2.70	3.95	45.36	387.00	5.40	3.20	2.00	1.55	1.45	
14	0.20	5.90	2.80	2.30	3.80	46.80	387.00	5.20	3.20	2.00	1.55	1.30	
15	0.28	6.60	2.75	2.00	3.55	42.00	387.00	5.10	3.00	2.00	1.55	1.25	
16	0.95	6.90	2.85	2.35	3.45	36.40	376.00	5.00	3.15	2.05	1.50	1.20	
17	1.25	10.94	3.00	2.70	3.50	35.80	370.50	4.90	3.15	2.15	1.35	1.00	
18	1.20	25.80	3.00	1.90	3.85	45.60	354.00	4.80	3.10	2.25	1.15	0.88	
19	1.10	39.20	2.95	1.80	11.50	55.92	332.00	4.40	3.10	2.25	1.00	0.85	
20	0.88	39.20	2.90	1.75	28.20	66.25	295.60	4.40	3.15	2.25	2.65	0.83	
21	0.75	31.60	3.10	1.70	14.02	71.75	254.00	4.00	3.50	2.25	0.80	0.83	
22	0.53	20.74	3.30	1.70	13.46	83.10	208.00	3.95	4.00	2.25	0.73	0.83	
23	0.38	9.82	3.35	1.70	5.00	91.30	160.40	3.30	3.50	2.25	0.65	0.88	
24	0.25	5.60	3.20	1.75	4.70	103.20	123.80	4.10	3.00	2.20	0.60	0.95	
25	0.05	5.10	3.00	1.80	4.50	127.20	103.20	3.55	3.00	2.20	0.58	0.95	
26	0.00	3.80	3.00	1.90	4.10	193.00	91.65	3.60	3.00	2.20	0.53	0.93	
27	0.00	3.65	2.95	2.35	3.95	193.00	83.40	3.60	3.00	2.20	0.60	0.90	
28	0.25	3.45	2.95	1.40	4.20	151.60	75.90	3.60	3.00	2.20	0.45	0.88	
29	0.58	3.30	3.15	1.05	5.40	122.10	69.50	3.65	3.00	2.05	0.45	0.88	
30	0.90	3.25	3.20	0.90	5.70	120.40	61.68	3.65	3.00	2.00		0.85	
31		3.35		0.78	6.80		54.72		2.95	2.00		0.75	
Total	37.06	266.20	96.60	71.93	167.51	1983.18	6543.65	372.14	99.30	71.20	40.04	37.53	9786.34
Mean	1.24	8.59	3.22	2.32	5.40	66.11	211.09	12.40	3.20	2.30	1.38	1.21	26.74
Max	3.30	39.20	4.60	3.75	28.20	193.00	387.00	49.44	4.00	2.95	2.65	2.60	387.00
Min	0.00	1.00	2.75	0.78	0.78	10.52	54.72	3.30	2.95	2.00	0.45	0.48	0.00
Runoff	3.20	23.00	8.35	6.21	14.47	171.35	565.37	32.15	8.58	6.15	3.46	3.24	845.54
Momentary Peak	387.00	CMS, at 182.80 m. (MSL.), at 06.00 Hours, on Oct 13, 2007											
Runoff Yield	4.27	Liters/Second/Square KM.		Momentary Peak Yield		61.60	Liters/Second/Square KM.						

WATER YEAR : 2007**CHI RIVER BASIN**

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

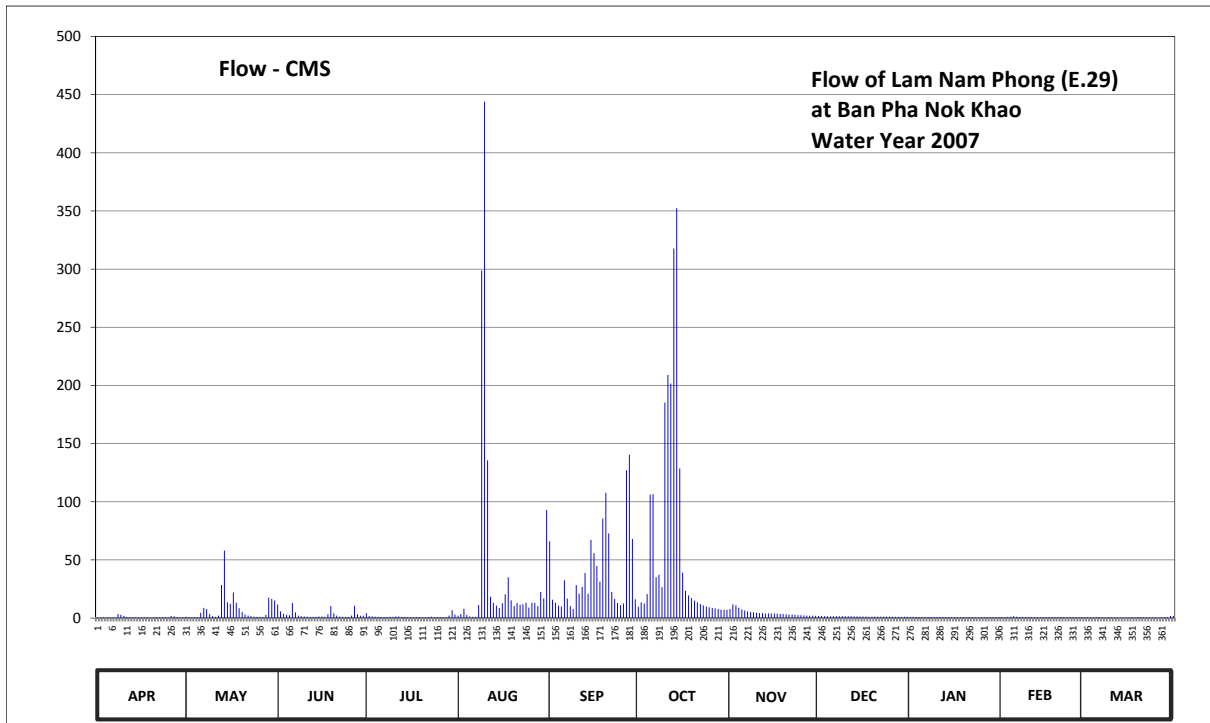
Lat 16 - 50 - 44 N Long 101 - 56 - 54 E

Location : on right 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	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Flow effected by Ubonrat Dam. Stage-discharge relation defined by 178 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	225.88	226.08	227.59	226.61	226.27	231.14	227.35	227.10	226.24	226.05	226.02	225.93	
2	225.90	225.95	226.83	226.22	226.50	228.10	227.80	227.61	226.22	226.04	225.99	225.93	
3	225.89	225.94	226.54	226.15	227.13	227.77	227.68	227.50	226.20	226.03	226.05	225.92	
4	225.87	225.95	226.39	226.07	226.39	227.46	228.71	227.24	226.18	226.03	226.08	225.92	
5	225.86	226.03	226.36	226.05	226.15	227.36	232.40	227.05	226.16	226.03	226.18	225.92	
6	225.86	226.65	227.74	226.00	226.05	229.60	232.41	226.95	226.19	226.03	226.07	225.91	
7	225.88	227.23	226.71	226.00	226.05	228.22	229.76	226.85	226.19	226.03	226.03	225.91	
8	226.51	227.10	226.30	226.00	227.51	227.42	229.89	226.78	226.18	226.02	226.05	225.90	
9	226.41	226.50	226.20	226.05	236.11	227.08	229.23	226.73	226.17	226.03	226.00	225.91	
10	226.24	226.19	226.10	226.06	237.84	229.33	234.23	226.67	226.17	226.03	225.97	225.91	
11	226.01	226.06	226.09	226.10	233.15	228.76	234.68	226.63	226.17	226.01	225.96	225.89	
12	225.99	226.30	226.04	226.10	228.42	229.24	234.54	226.61	226.17	226.01	225.95	225.89	
13	225.96	229.34	226.05	226.06	227.77	229.99	236.35	226.58	226.16	226.01	225.95	225.90	
14	225.93	230.86	226.05	226.05	227.47	228.74	236.79	226.60	226.15	226.01	225.99	225.90	
15	225.92	227.80	226.10	226.03	227.21	231.18	232.99	226.58	226.13	226.00	225.97	225.90	
16	225.92	227.65	226.10	225.96	227.73	230.78	230.00	226.58	226.11	225.98	225.96	225.90	
17	225.92	228.87	226.06	225.96	228.68	230.29	229.03	226.56	226.10	225.96	225.96	225.91	
18	225.90	227.77	226.47	225.96	229.75	229.52	228.56	226.52	226.09	225.95	225.97	225.93	
19	225.90	227.19	227.42	225.94	228.04	231.81	228.28	226.51	226.09	225.95	225.97	226.01	
20	225.90	226.78	226.59	225.94	227.43	232.44	227.99	226.48	226.09	225.94	225.97	225.98	
21	225.99	226.46	226.30	225.96	227.75	231.37	227.80	226.45	226.08	225.95	225.96	225.95	
22	225.94	226.30	226.11	226.00	227.57	228.95	227.64	226.43	226.08	225.94	225.96	225.93	
23	225.97	226.18	226.05	226.07	227.60	228.17	227.50	226.41	226.08	225.93	225.97	225.92	
24	225.92	226.09	226.05	225.99	227.77	227.76	227.38	226.38	226.07	225.93	225.96	225.89	
25	225.91	226.06	226.02	226.00	227.26	227.51	227.29	226.36	226.07	225.95	225.95	225.88	
26	226.21	226.06	226.30	226.00	227.78	227.71	227.23	226.33	226.06	225.96	225.95	225.87	
27	226.17	226.01	227.44	225.99	227.75	232.95	227.17	226.30	226.06	225.96	225.94	225.93	
28	225.98	226.40	226.48	225.96	227.41	233.26	227.11	226.28	226.05	225.96	225.94	225.95	
29	225.94	228.33	226.27	226.30	228.92	231.21	227.04	226.26	226.05	225.97	225.94	226.00	
30	225.94	228.18	226.29	226.97	228.23	228.15	227.02	226.25	226.05	226.02	226.02	226.23	
31		228.02		226.45	232.05		227.01		226.05	226.03		226.21	
Mean	225.99	226.98	226.43	226.10	228.44	229.44	229.64	226.65	226.12	225.99	225.99	225.94	
Max	226.51	230.86	227.74	226.97	237.84	233.26	236.79	227.61	226.24	226.05	226.18	226.23	237.84
Min	225.86	225.94	226.02	225.94	226.05	227.08	227.01	226.25	226.05	225.93	225.94	225.87	225.86
Annual Max Momentary Gage Height	238.43		m. (MSL.) ,			at 24.00 Hours, on Aug 9, 2007							
Zero Gage at Bottom Elevation	225.00		m. (MSL.) ,			River Bed	225.42	m. (MSL.)					
Left Bank Elevation		238.60		m. (MSL.) ,									
Right Bank Elevation		238.60		m. (MSL.) ,		Drainage Are	949	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.54	1.22	11.72	4.22	2.05	66.06	9.80	7.80	1.90	1.10	0.98	0.69		
2	0.60	0.75	5.76	1.80	3.45	15.80	13.40	11.88	1.80	1.06	0.87	0.69		
3	0.57	0.72	3.73	1.50	8.04	13.16	12.44	11.00	1.70	1.02	1.10	0.66		
4	0.51	0.75	2.70	1.18	2.70	10.68	20.68	8.92	1.62	1.02	1.22	0.66		
5	0.48	1.02	2.53	1.10	1.50	9.88	106.20	7.40	1.54	1.02	1.62	0.66		
6	0.48	4.50	12.92	0.90	1.10	32.60	106.58	6.63	1.66	1.02	1.18	0.63		
7	0.54	8.84	4.92	0.90	1.10	16.76	35.16	5.90	1.66	1.02	1.02	0.63		
8	3.52	7.80	2.20	0.90	11.08	10.36	37.24	5.41	1.62	0.98	1.10	0.60		
9	2.82	3.45	1.70	1.10	298.69	7.64	26.68	5.06	1.58	1.02	0.90	0.63		
10	1.90	1.66	1.30	1.14	443.76	28.28	185.19	4.64	1.58	1.02	0.81	0.63		
11	0.94	1.14	1.26	1.30	135.60	21.08	209.04	4.36	1.58	0.94	0.78	0.57		
12	0.87	2.20	1.06	1.30	18.36	26.84	201.62	4.22	1.58	0.94	0.75	0.57		
13	0.78	28.44	1.10	1.14	13.16	38.84	317.65	4.01	1.54	0.94	0.75	0.60		
14	0.69	58.08	1.10	1.10	10.76	20.92	352.41	4.15	1.50	0.94	0.87	0.60		
15	0.66	13.40	1.30	1.02	8.68	67.22	128.62	4.01	1.42	0.90	0.81	0.60		
16	0.66	12.20	1.30	0.78	12.84	55.84	39.00	4.01	1.34	0.84	0.78	0.60		
17	0.66	21.96	1.14	0.78	20.44	44.80	23.48	3.87	1.30	0.78	0.78	0.63		
18	0.60	13.16	3.24	0.78	35.00	31.32	19.48	3.59	1.26	0.75	0.81	0.69		
19	0.60	8.52	10.36	0.72	15.32	85.49	17.24	3.52	1.26	0.75	0.81	0.94		
20	0.60	5.41	4.08	0.72	10.44	107.72	14.92	3.31	1.26	0.72	0.81	0.84		
21	0.87	3.17	2.20	0.78	13.00	72.73	13.40	3.10	1.22	0.75	0.78	0.75		
22	0.72	2.20	1.34	0.90	11.56	22.60	12.12	2.96	1.22	0.72	0.78	0.69		
23	0.81	1.62	1.10	1.18	11.80	16.36	11.00	2.82	1.22	0.69	0.81	0.66		
24	0.66	1.26	1.10	0.87	13.16	13.08	10.04	2.64	1.18	0.69	0.78	0.57		
25	0.63	1.14	0.98	0.90	9.08	11.08	9.32	2.53	1.18	0.75	0.75	0.54		
26	1.75	1.14	2.20	0.90	13.24	12.68	8.84	2.37	1.14	0.78	0.75	0.51		
27	1.58	0.94	10.52	0.87	13.00	127.10	8.36	2.20	1.14	0.78	0.72	0.69		
28	0.84	2.75	3.31	0.78	10.28	140.44	7.88	2.10	1.10	0.78	0.72	0.75		
29	0.72	17.64	2.05	2.20	22.36	68.09	7.32	2.00	1.10	0.81	0.72	0.90		
30	0.72	16.44	2.15	6.78	16.84	16.20	7.16	1.95	1.10	0.98		1.85		
31		15.16		3.10	92.90		7.08		1.10	1.02		1.75		
Total	28.32	258.68	102.37	43.64	1281.29	1211.65	1979.35	138.36	43.40	27.53	25.56	22.78	5162.93	CMSDAY
Mean	0.94	8.34	3.41	1.41	41.33	40.39	63.85	4.61	1.40	0.89	0.88	0.73	14.11	CMS
Max	3.52	58.08	12.92	6.78	443.76	140.44	352.41	11.88	1.90	1.10	1.62	1.85	443.76	CMS
Min	0.48	0.72	0.98	0.72	1.10	7.64	7.08	1.95	1.10	0.69	0.72	0.51	0.48	CMS
Runoff	2.45	22.35	8.84	3.77	110.70	104.69	171.02	11.95	3.75	2.38	2.21	1.97	446.08	MCM
Momentary Peak	499.00	CMS, at 238.43 m. (MSL.), at 24.00 Hours, on Aug 9, 2007												
Runoff Yield	14.91	Liters/Second/Square KM.		Momentary Peak Yield		525.82	Liters/Second/Square KM.							

WATER YEAR : 2007

CHI RIVER BASIN

Chi River at Ban Nong O , Chaiyaphum (E.32A)

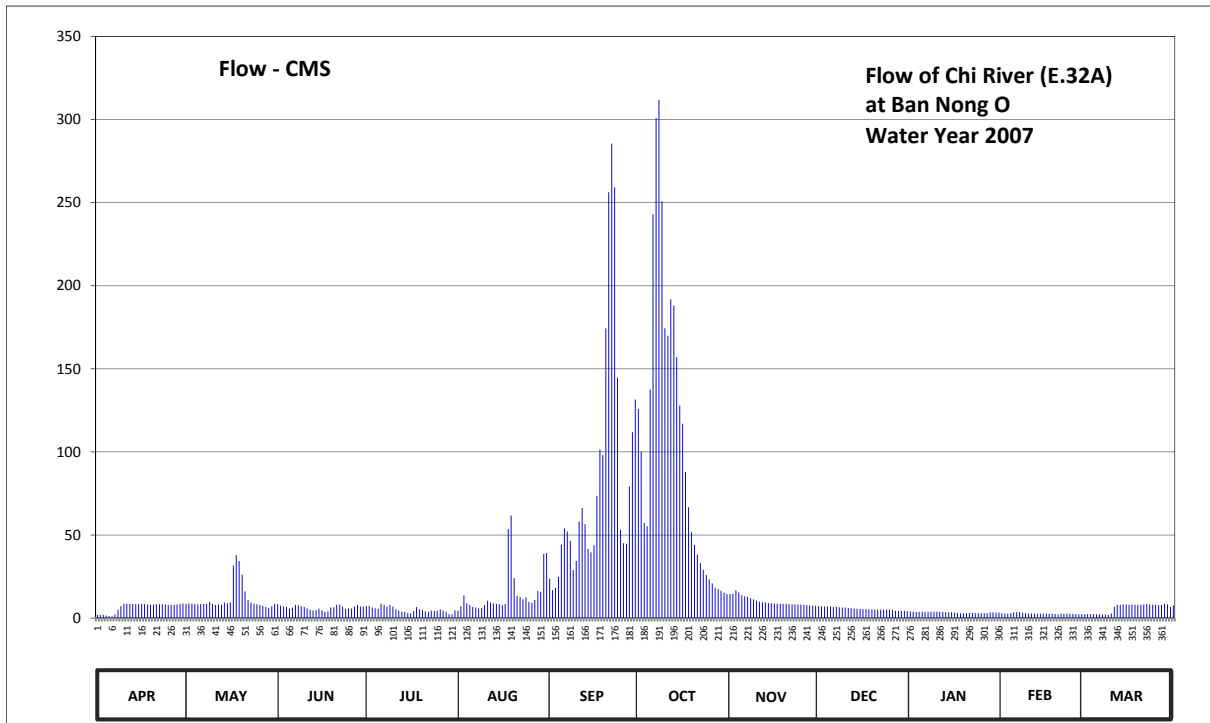
Lat 15 - 54 - 41 N Long 101 - 42 - 42 E

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	Stable.		
Overbank Flow Conditions	No overbank flow		
General Description	Records good. Stage-discharge relation defined by 93 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	198.66	199.32	199.29	199.16	198.94	200.32	204.36	199.76	199.16	198.89	198.80	198.70	
2	198.64	199.37	199.18	199.17	199.15	199.92	203.54	199.77	199.14	198.88	198.78	198.72	
3	198.64	199.34	199.13	199.09	199.71	200.02	201.93	199.91	199.14	198.86	198.75	198.72	
4	198.59	199.29	199.12	199.05	199.38	200.38	201.85	199.83	199.14	198.87	198.79	198.71	
5	198.54	199.27	199.04	199.04	199.21	201.33	204.71	199.72	199.14	198.88	198.84	198.70	
6	198.51	199.29	199.09	199.34	199.12	201.80	207.39	199.66	199.12	198.87	198.86	198.70	
7	198.67	199.29	199.23	199.23	199.09	201.71	208.55	199.62	199.12	198.87	198.86	198.67	
8	198.98	199.33	199.19	199.13	199.05	201.44	208.71	199.58	199.10	198.88	198.82	198.67	
9	199.15	199.47	199.15	199.21	199.07	200.59	207.56	199.55	199.09	198.88	198.80	198.65	
10	199.32	199.31	199.12	199.13	199.20	200.86	205.74	199.52	199.09	198.88	198.77	198.78	
11	199.31	199.22	199.05	199.01	199.52	201.96	205.62	199.48	199.07	198.87	198.77	199.12	
12	199.31	199.25	198.98	198.94	199.43	202.29	206.19	199.45	199.06	198.87	198.74	199.23	
13	199.30	199.24	198.95	198.88	199.36	201.90	206.10	199.44	199.04	198.86	198.74	199.23	
14	199.28	199.43	198.96	198.87	199.32	201.21	205.27	199.40	199.04	198.85	198.75	199.26	
15	199.31	199.37	199.04	198.81	199.27	201.11	204.42	199.39	199.03	198.85	198.77	199.27	
16	199.33	199.44	198.95	198.77	199.20	201.31	204.09	199.36	199.02	198.83	198.74	199.24	
17	199.30	200.73	198.87	198.91	199.30	202.58	203.13	199.33	199.02	198.81	198.74	199.25	
18	199.26	201.03	198.89	199.11	201.78	203.58	202.31	199.32	199.00	198.80	198.75	199.23	
19	199.24	200.86	199.09	199.01	202.11	203.47	201.69	199.32	199.00	198.80	198.73	199.22	
20	199.25	200.45	199.10	198.96	200.34	205.74	201.32	199.29	199.00	198.79	198.69	199.24	
21	199.28	199.87	199.24	198.89	199.69	207.68	201.04	199.28	198.99	198.81	198.76	199.26	
22	199.28	199.54	199.24	198.88	199.61	208.29	200.80	199.27	198.99	198.81	198.76	199.29	
23	199.28	199.43	199.13	198.94	199.55	207.74	200.60	199.25	198.99	198.80	198.76	199.26	
24	199.25	199.34	199.04	198.92	199.60	204.93	200.44	199.24	198.99	198.80	198.75	199.24	
25	199.23	199.27	199.05	198.93	199.47	201.76	200.30	199.24	198.98	198.80	198.74	199.24	
26	199.22	199.21	199.05	199.01	199.42	201.37	200.17	199.23	198.96	198.79	198.72	199.21	
27	199.23	199.16	199.14	198.95	199.54	201.36	200.01	199.21	198.92	198.81	198.72	199.22	
28	199.25	199.11	199.20	198.87	199.89	202.81	199.97	199.19	198.92	198.84	198.72	199.34	
29	199.32	199.07	199.14	198.71	199.85	203.93	199.90	199.18	198.92	198.84	198.70	199.27	
30	199.35	199.15	199.13	198.70	201.07	204.53	199.82	199.17	198.92	198.82	198.65	199.12	
31		199.31		198.95	201.09		199.76		198.90	198.83		199.19	
Mean	199.11	199.51	199.09	198.99	199.69	202.60	203.14	199.43	199.03	198.84	198.76	199.06	
Max	199.35	201.03	199.29	199.34	202.11	208.29	208.71	199.91	199.16	198.89	198.86	199.34	208.71
Min	198.51	199.07	198.87	198.70	198.94	199.92	199.76	199.17	198.90	198.79	198.69	198.65	198.51
Annual Max Momentary Gage Height	208.84		m. (MSL.) ,			at 01.00 Hours, on Oct 8, 2007							
Zero Gage at Bottom Elevation	198.00		m. (MSL.) ,			River Bed 197.39	m. (MSL.)						
Left Bank Elevation		212.97		m. (MSL.) ,									
Right Bank Elevation		210.64		m. (MSL.) ,		Drainage Are	2,867	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.02	8.60	8.43	7.28	4.54	23.72	125.88	14.40	7.28	3.99	3.00	2.30	
2	1.88	8.85	7.54	7.41	7.15	16.80	100.20	14.55	7.02	3.88	2.86	2.44	
3	1.88	8.70	6.89	6.37	13.65	18.30	57.25	16.65	7.02	3.66	2.65	2.44	
4	1.54	8.43	6.76	5.85	8.90	24.87	55.25	15.45	7.02	3.77	2.93	2.37	
5	1.24	8.29	5.72	5.72	7.87	44.17	137.43	13.80	7.02	3.88	3.44	2.30	
6	1.06	8.43	6.37	8.70	6.76	54.00	242.94	13.10	6.76	3.77	3.66	2.30	
7	2.09	8.43	8.01	8.01	6.37	52.12	301.00	12.70	6.76	3.77	3.66	2.09	
8	4.98	8.65	7.67	6.89	5.85	46.47	311.80	12.00	6.50	3.88	3.22	2.09	
9	7.15	9.70	7.15	7.87	6.11	28.89	250.76	11.25	6.37	3.88	3.00	1.95	
10	8.60	8.55	6.76	6.89	7.80	34.35	174.38	10.50	6.37	3.88	2.79	2.86	
11	8.55	7.94	5.85	5.33	10.50	58.00	169.94	9.80	6.11	3.77	2.79	6.76	
12	8.55	8.15	4.98	4.54	9.30	66.25	191.79	9.50	5.98	3.77	2.58	8.01	
13	8.50	8.08	4.65	3.88	8.80	56.50	188.10	9.40	5.72	3.66	2.58	8.01	
14	8.36	9.30	4.76	3.77	8.60	41.66	156.99	9.00	5.72	3.55	2.65	8.22	
15	8.55	8.85	5.72	3.11	8.29	39.57	127.86	8.95	5.59	3.55	2.79	8.29	
16	8.65	9.40	4.65	2.79	7.80	43.76	116.97	8.80	5.46	3.33	2.58	8.08	
17	8.50	31.63	3.77	4.21	8.50	73.50	87.90	8.65	5.46	3.11	2.58	8.15	
18	8.22	37.90	3.99	6.63	53.58	101.40	66.75	8.60	5.20	3.00	2.65	8.01	
19	8.08	34.35	6.37	5.33	61.75	98.10	51.70	8.60	5.20	3.00	2.51	7.94	
20	8.15	26.21	6.50	4.76	24.10	174.38	43.96	8.43	5.20	2.93	2.23	8.08	
21	8.36	16.05	8.08	3.99	13.40	256.28	38.11	8.36	5.09	3.11	2.72	8.22	
22	8.36	11.00	8.08	3.88	12.60	285.50	33.09	8.29	5.09	3.11	2.72	8.43	
23	8.36	9.30	6.89	4.54	11.25	259.04	29.08	8.15	5.09	3.00	2.72	8.22	
24	8.15	8.70	5.72	4.32	12.50	144.69	26.02	8.08	5.09	3.00	2.65	8.08	
25	8.01	8.29	5.85	4.43	9.70	53.16	23.33	8.08	4.98	3.00	2.58	8.08	
26	7.94	7.87	5.85	5.33	9.20	45.01	20.84	8.01	4.76	2.93	2.44	7.87	
27	8.01	7.28	7.02	4.65	11.00	44.80	18.15	7.87	4.32	3.11	2.44	7.94	
28	8.15	6.63	7.80	3.77	16.35	79.25	17.55	7.67	4.32	3.44	2.44	8.70	
29	8.60	6.11	7.02	2.37	15.75	111.90	16.50	7.54	4.32	3.44	2.30	8.29	
30	8.75	7.15	6.89	2.30	38.74	131.49	15.30	7.41	4.32	3.22		6.76	
31		8.55		4.65	39.16		14.40		4.10	3.33		7.67	
Total	199.24	365.37	191.74	159.57	465.87	2507.93	3211.22	303.59	175.24	106.72	80.16	190.95	7957.60 CMSDAY
Mean	6.44	11.79	6.39	5.15	15.03	83.60	103.59	10.12	5.65	3.44	2.76	6.16	21.74 CMS
Max	8.75	37.90	8.43	8.70	61.75	285.50	311.80	16.65	7.28	3.99	3.66	8.70	311.80 CMS
Min	1.06	6.11	3.77	2.30	4.54	16.80	14.40	7.41	4.10	2.93	2.23	1.95	1.06 CMS
Runoff	17.21	31.57	16.57	13.79	40.25	216.69	277.45	26.23	15.14	9.22	6.93	16.50	687.54 MCM
Momentary Peak	322.40	CMS, at 208.84 m. (MSL.), at 01.00 Hours, on Oct 8, 2007											
Runoff Yield	7.60	Liters/Second/Square KM. Momentary Peak Yield 112.45 Liters/Second/Square KM.											

WATER YEAR : 2007

CHI RIVER BASIN

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

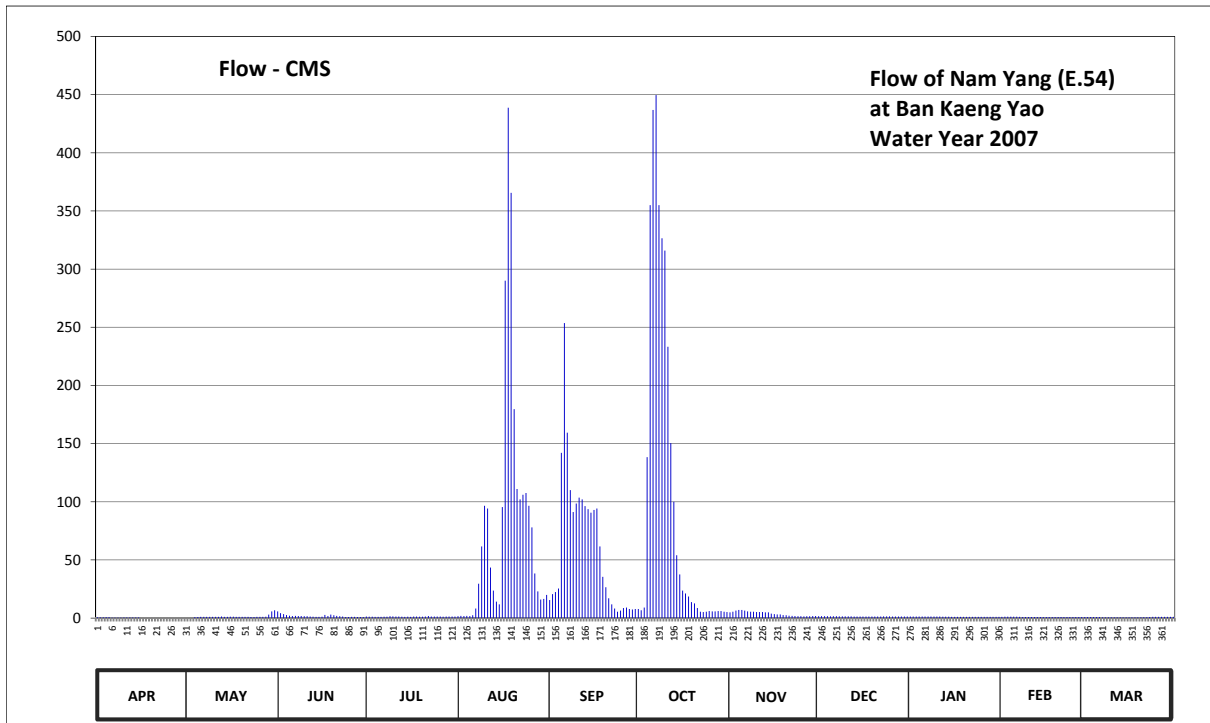
Lat 16 - 26 - 28 N Long 104 - 02 - 05 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +146.190 m.(MSL.) and is including overbank flow.		
General Description	Records fair. The weir situated about 100 meters downstream from the gage site. Stage-discharge relation defined by 34 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	140.27	140.08	140.56	140.33	140.37	140.81	140.62	140.53	140.37	140.33	140.31	140.29	
2	140.27	140.08	140.51	140.32	140.39	140.91	140.59	140.55	140.37	140.33	140.32	140.29	
3	140.27	140.10	140.47	140.32	140.38	140.94	140.65	140.58	140.36	140.33	140.32	140.29	
4	140.28	140.28	140.43	140.31	140.39	140.99	142.54	140.60	140.36	140.33	140.32	140.29	
5	140.28	140.30	140.40	140.31	140.38	142.60	145.25	140.60	140.35	140.33	140.32	140.29	
6	140.24	140.31	140.38	140.31	140.42	144.13	146.10	140.58	140.36	140.33	140.32	140.29	
7	140.24	140.31	140.39	140.32	140.63	142.89	146.23	140.56	140.36	140.33	140.31	140.27	
8	140.24	140.31	140.38	140.32	141.06	142.02	145.25	140.55	140.35	140.33	140.30	140.27	
9	140.24	140.31	140.38	140.36	141.43	141.62	144.95	140.55	140.35	140.33	140.30	140.27	
10	140.25	140.31	140.36	140.35	141.72	141.78	144.83	140.54	140.35	140.33	140.30	140.27	
11	140.25	140.31	140.36	140.33	141.67	141.89	143.89	140.54	140.35	140.33	140.30	140.27	
12	140.25	140.31	140.34	140.34	141.25	141.86	142.74	140.54	140.35	140.32	140.30	140.27	
13	140.25	140.34	140.32	140.32	140.96	141.71	141.82	140.53	140.34	140.32	140.30	140.27	
14	140.25	140.31	140.31	140.31	140.78	141.66	141.36	140.53	140.34	140.32	140.30	140.27	
15	140.25	140.31	140.31	140.32	140.72	141.61	141.18	140.49	140.34	140.31	140.30	140.27	
16	140.19	140.32	140.32	140.31	141.69	141.65	140.96	140.47	140.34	140.31	140.30	140.27	
17	140.19	140.32	140.44	140.33	144.54	141.67	140.92	140.46	140.34	140.31	140.30	140.27	
18	140.14	140.31	140.38	140.33	146.12	141.43	140.87	140.46	140.34	140.31	140.30	140.27	
19	140.10	140.31	140.45	140.32	145.36	141.15	140.77	140.43	140.34	140.31	140.30	140.27	
20	140.09	140.31	140.42	140.32	143.18	141.01	140.74	140.42	140.34	140.31	140.30	140.27	
21	140.09	140.31	140.39	140.34	142.04	140.84	140.64	140.40	140.34	140.31	140.30	140.28	
22	140.06	140.31	140.36	140.38	141.86	140.72	140.55	140.39	140.34	140.31	140.30	140.28	
23	139.99	140.30	140.33	140.34	141.94	140.63	140.54	140.38	140.35	140.31	140.30	140.29	
24	139.99	140.30	140.30	140.34	141.97	140.55	140.55	140.36	140.35	140.31	140.30	140.31	
25	139.98	140.31	140.30	140.33	141.72	140.58	140.57	140.36	140.35	140.31	140.30	140.31	
26	139.98	140.31	140.31	140.33	141.54	140.64	140.56	140.35	140.34	140.31	140.30	140.31	
27	140.03	140.31	140.31	140.32	141.19	140.65	140.56	140.37	140.33	140.31	140.30	140.31	
28	140.00	140.32	140.30	140.33	140.95	140.62	140.57	140.37	140.33	140.31	140.30	140.31	
29	140.04	140.45	140.30	140.33	140.82	140.61	140.57	140.38	140.33	140.31	140.30	140.31	
30	140.04	140.56	140.30	140.34	140.83	140.62	140.55	140.38	140.33	140.31	140.30	140.31	
31		140.59		140.34	140.90		140.54		140.33	140.31		140.31	
Mean	140.16	140.31	140.37	140.33	141.59	141.36	141.89	140.47	140.35	140.32	140.30	140.29	
Max	140.28	140.59	140.56	140.38	146.12	144.13	146.23	140.60	140.37	140.33	140.32	140.31	146.23
Min	139.98	140.08	140.30	140.31	140.37	140.55	140.54	140.35	140.33	140.31	140.30	140.27	139.98
Annual Max Momentary Gage Height	146.32		m. (MSL.) ,				at 18.00 Hours, on Aug 18, 2007						
Zero Gage at Bottom Elevation	138.34		m. (MSL.) ,			River Bed	138.11	m. (MSL.)					
Left Bank Elevation		146.87		m. (MSL.) ,									
Right Bank Elevation		146.18		m. (MSL.) ,		Drainage Are	1,548	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	0.00	5.80	1.30	1.70	15.50	7.80	4.90	1.70	1.30	1.10	0.90	
2	0.70	0.00	4.30	1.20	1.90	20.60	6.70	5.50	1.70	1.30	1.20	0.90	
3	0.70	0.00	3.40	1.20	1.80	22.40	9.00	6.40	1.60	1.30	1.20	0.90	
4	0.80	0.80	2.60	1.10	1.90	25.40	138.40	7.00	1.60	1.30	1.20	0.90	
5	0.80	1.00	2.00	1.10	1.80	142.00	355.00	7.00	1.50	1.30	1.20	0.90	
6	0.40	1.10	1.80	1.10	2.40	253.57	436.80	6.40	1.60	1.30	1.20	0.90	
7	0.40	1.10	1.90	1.20	8.20	159.40	449.54	5.80	1.60	1.30	1.10	0.70	
8	0.40	1.10	1.80	1.20	29.60	110.00	355.00	5.50	1.50	1.30	1.00	0.70	
9	0.40	1.10	1.80	1.60	61.60	91.20	326.55	5.50	1.50	1.30	1.00	0.70	
10	0.50	1.10	1.60	1.50	96.60	98.40	315.87	5.20	1.50	1.30	1.00	0.70	
11	0.50	1.10	1.60	1.30	94.20	103.50	233.20	5.20	1.50	1.30	1.00	0.70	
12	0.50	1.10	1.40	1.40	43.50	102.00	150.40	5.20	1.50	1.20	1.00	0.70	
13	0.50	1.40	1.20	1.20	23.60	96.30	100.00	4.90	1.40	1.20	1.00	0.70	
14	0.50	1.10	1.10	1.10	14.20	93.60	54.00	4.90	1.40	1.20	1.00	0.70	
15	0.50	1.10	1.10	1.20	11.80	90.60	37.60	3.80	1.40	1.10	1.00	0.70	
16	0.00	1.20	1.20	1.10	95.40	93.00	23.60	3.40	1.40	1.10	1.00	0.70	
17	0.00	1.20	2.80	1.30	290.06	94.20	21.20	3.20	1.40	1.10	1.00	0.70	
18	0.00	1.10	1.80	1.30	438.76	61.60	18.50	3.20	1.40	1.10	1.00	0.70	
19	0.00	1.10	3.00	1.20	365.56	35.50	13.80	2.60	1.40	1.10	1.00	0.70	
20	0.00	1.10	2.40	1.20	179.60	26.60	12.60	2.40	1.40	1.10	1.00	0.70	
21	0.00	1.10	1.90	1.40	111.00	17.00	8.60	2.00	1.40	1.10	1.00	0.80	
22	0.00	1.10	1.60	1.80	102.00	11.80	5.50	1.90	1.40	1.10	1.00	0.80	
23	0.00	1.00	1.30	1.40	106.00	8.20	5.20	1.80	1.50	1.10	1.00	0.90	
24	0.00	1.00	1.00	1.40	107.50	5.50	5.50	1.60	1.50	1.10	1.00	1.10	
25	0.00	1.10	1.00	1.30	96.60	6.40	6.10	1.60	1.50	1.10	1.00	1.10	
26	0.00	1.10	1.10	1.30	78.00	8.60	5.80	1.50	1.40	1.10	1.00	1.10	
27	0.00	1.10	1.10	1.20	38.30	9.00	5.80	1.70	1.30	1.10	1.00	1.10	
28	0.00	1.20	1.00	1.30	23.00	7.80	6.10	1.70	1.30	1.10	1.00	1.10	
29	0.00	3.00	1.00	1.30	16.00	7.40	6.10	1.80	1.30	1.10	1.00	1.10	
30	0.00	5.80	1.00	1.40	16.50	7.80	5.50	1.80	1.30	1.10		1.10	
31		6.70		1.40	20.00		5.20		1.30	1.10		1.10	
Total	8.30	43.00	56.60	40.00	2479.08	1824.87	3130.96	115.40	45.20	36.60	30.20	26.50	7836.71 CMSDAY
Mean	0.28	1.39	1.89	1.29	79.97	60.83	101.00	3.85	1.46	1.18	1.04	0.85	21.41 CMS
Max	0.80	6.70	5.80	1.80	438.76	253.57	449.54	7.00	1.70	1.30	1.20	1.10	449.54 CMS
Min	0.00	0.00	1.00	1.10	1.70	5.50	5.20	1.50	1.30	1.10	1.00	0.70	0.00 CMS
Runoff	0.72	3.72	4.89	3.46	214.19	157.67	270.51	9.97	3.91	3.16	2.61	2.29	677.09 MCM
Momentary Peak	458.36	CMS, at 146.32 m. (MSL.), at 18.00 Hours, on Aug 18, 2007											
Runoff Yield	13.87	Liters/Second/Square KM.			Momentary Peak Yield		296.10	Liters/Second/Square KM.					

WATER YEAR : 2007

CHI RIVER BASIN

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

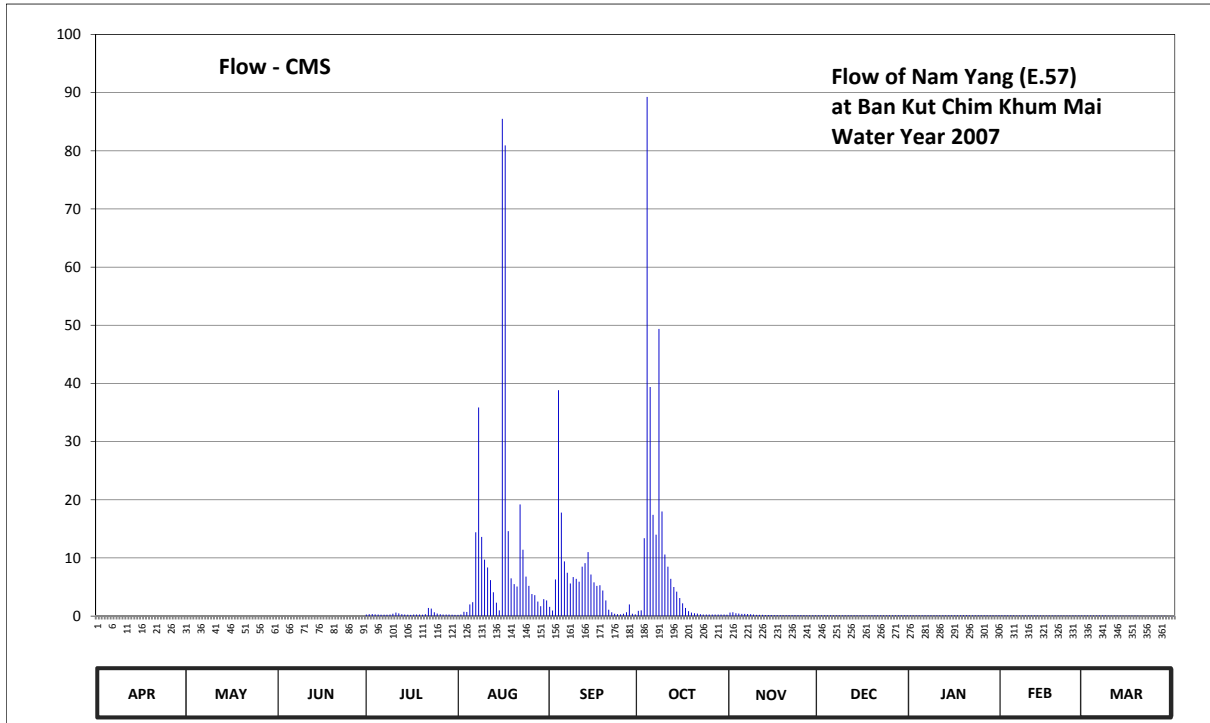
Lat 16 - 41 - 02 N Long 104 - 05 - 06 E

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

	Ban	Kut Chim Khum Mai	Amphoe	Khao Wong	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 good. The local weir situated about 100 meters from the gage site. Stage-discharge relation defined by 16 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	169.90	169.90	169.90	170.26	170.22	170.56	170.48	170.42	170.14	170.14	170.13	170.11	
2	169.90	169.90	169.90	170.32	170.27	170.49	170.50	170.43	170.14	170.14	170.13	170.11	
3	169.90	169.90	169.90	170.33	170.45	171.03	171.47	170.40	170.13	170.14	170.13	170.11	
4	169.90	169.90	169.90	170.29	170.44	172.55	174.05	170.37	170.13	170.14	170.13	170.11	
5	169.90	169.90	169.90	170.27	170.60	171.69	172.57	170.34	170.13	170.14	170.13	170.11	
6	169.90	169.90	169.90	170.25	170.64	171.26	171.67	170.34	170.13	170.14	170.12	170.10	
7	169.90	169.90	169.90	170.24	171.52	171.13	171.50	170.33	170.13	170.14	170.12	170.10	
8	169.90	169.90	169.90	170.24	172.44	170.96	172.94	170.31	170.13	170.14	170.12	170.10	
9	169.90	169.90	169.90	170.28	171.48	171.07	171.70	170.26	170.13	170.14	170.12	170.09	
10	169.90	169.90	169.90	170.35	171.28	171.04	171.33	170.23	170.13	170.14	170.12	170.09	
11	169.90	169.90	169.90	170.42	171.19	170.99	171.20	170.23	170.13	170.14	170.12	170.09	
12	169.90	169.90	169.90	170.38	171.02	171.20	171.04	170.22	170.13	170.14	170.12	170.09	
13	169.90	169.90	169.90	170.32	170.81	171.24	170.90	170.20	170.13	170.14	170.12	170.08	
14	169.90	169.90	169.90	170.26	170.63	171.35	170.82	170.19	170.13	170.14	170.11	170.08	
15	169.90	169.90	169.90	170.24	170.50	171.11	170.71	170.18	170.14	170.14	170.11	170.08	
16	169.90	169.90	169.90	170.23	173.96	170.98	170.62	170.17	170.14	170.14	170.11	170.07	
17	169.90	169.90	169.90	170.26	173.84	170.92	170.54	170.16	170.14	170.14	170.11	170.07	
18	169.90	169.90	169.90	170.28	171.53	170.93	170.47	170.16	170.14	170.14	170.11	170.07	
19	169.90	169.90	169.90	170.26	171.05	170.84	170.42	170.16	170.14	170.15	170.11	170.07	
20	169.90	169.90	169.90	170.25	170.95	170.67	170.40	170.15	170.14	170.15	170.11	170.06	
21	169.90	169.90	169.90	170.31	170.91	170.51	170.37	170.15	170.14	170.14	170.11	170.06	
22	169.90	169.90	169.90	170.54	171.76	170.43	170.32	170.15	170.14	170.14	170.11	170.06	
23	169.90	169.90	169.90	170.53	171.37	170.35	170.27	170.15	170.14	170.14	170.11	170.05	
24	169.90	169.90	169.90	170.43	171.08	170.31	170.28	170.15	170.14	170.14	170.11	170.05	
25	169.90	169.90	169.90	170.37	170.92	170.30	170.28	170.15	170.14	170.14	170.11	170.05	
26	169.90	169.90	169.90	170.31	170.78	170.36	170.28	170.15	170.14	170.14	170.11	170.04	
27	169.90	169.90	169.90	170.28	170.76	170.43	170.28	170.14	170.14	170.14	170.11	170.04	
28	169.90	169.90	169.90	170.26	170.65	170.60	170.27	170.14	170.14	170.13	170.11	170.04	
29	169.90	169.90	169.90	170.26	170.57	170.35	170.27	170.13	170.14	170.13	170.11	170.03	
30	169.90	169.90	169.90	170.24	170.69	170.30	170.26	170.13	170.14	170.13	170.11	170.03	
31		169.90		170.23	170.67		170.25		170.14	170.13		170.03	
Mean	169.90	169.90	169.90	170.31	171.13	170.87	170.92	170.22	170.14	170.14	170.12	170.07	
Max	169.90	169.90	169.90	170.54	173.96	172.55	174.05	170.43	170.14	170.15	170.13	170.11	174.05
Min	169.90	169.90	169.90	170.23	170.22	170.30	170.25	170.13	170.13	170.13	170.11	170.03	169.90
Annual Max Momentary Gage Height	175.30	m. (MSL.) ,		at 22.00 Hours, on Aug 16, 2007									
Zero Gage at Bottom Elevation	170.10	m. (MSL.) ,		River Bed 169.64 m. (MSL.)									
Left Bank Elevation	177.59	m. (MSL.) ,											
Right Bank Elevation	177.59	m. (MSL.) ,		Drainage Are	103	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.26	0.22	1.60	0.90	0.60	0.14	0.14	0.13	0.11	
2	0.00	0.00	0.00	0.34	0.27	0.95	1.00	0.65	0.14	0.14	0.13	0.11	
3	0.00	0.00	0.00	0.36	0.75	6.30	13.40	0.50	0.13	0.14	0.13	0.11	
4	0.00	0.00	0.00	0.29	0.70	38.85	89.25	0.44	0.13	0.14	0.13	0.11	
5	0.00	0.00	0.00	0.27	2.00	17.80	39.39	0.38	0.13	0.14	0.13	0.11	
6	0.00	0.00	0.00	0.25	2.40	9.40	17.40	0.38	0.13	0.14	0.12	0.10	
7	0.00	0.00	0.00	0.24	14.40	7.45	14.00	0.36	0.13	0.14	0.12	0.10	
8	0.00	0.00	0.00	0.24	35.88	5.60	49.38	0.32	0.13	0.14	0.12	0.10	
9	0.00	0.00	0.00	0.28	13.60	6.70	18.00	0.26	0.13	0.14	0.12	0.09	
10	0.00	0.00	0.00	0.40	9.70	6.40	10.60	0.23	0.13	0.14	0.12	0.09	
11	0.00	0.00	0.00	0.60	8.35	5.90	8.50	0.23	0.13	0.14	0.12	0.09	
12	0.00	0.00	0.00	0.46	6.20	8.50	6.40	0.22	0.13	0.14	0.12	0.09	
13	0.00	0.00	0.00	0.34	4.10	9.10	5.00	0.20	0.13	0.14	0.12	0.08	
14	0.00	0.00	0.00	0.26	2.30	11.00	4.20	0.19	0.13	0.14	0.11	0.08	
15	0.00	0.00	0.00	0.24	1.00	7.15	3.10	0.18	0.14	0.14	0.11	0.08	
16	0.00	0.00	0.00	0.23	85.48	5.80	2.20	0.17	0.14	0.14	0.11	0.07	
17	0.00	0.00	0.00	0.26	80.92	5.20	1.40	0.16	0.14	0.14	0.11	0.07	
18	0.00	0.00	0.00	0.28	14.60	5.30	0.85	0.16	0.14	0.14	0.11	0.07	
19	0.00	0.00	0.00	0.26	6.50	4.40	0.60	0.16	0.14	0.15	0.11	0.07	
20	0.00	0.00	0.00	0.25	5.50	2.70	0.50	0.15	0.14	0.15	0.11	0.06	
21	0.00	0.00	0.00	0.32	5.10	1.10	0.44	0.15	0.14	0.14	0.11	0.06	
22	0.00	0.00	0.00	1.40	19.20	0.65	0.34	0.15	0.14	0.14	0.11	0.06	
23	0.00	0.00	0.00	1.30	11.40	0.40	0.27	0.15	0.14	0.14	0.11	0.05	
24	0.00	0.00	0.00	0.65	6.80	0.32	0.28	0.15	0.14	0.14	0.11	0.05	
25	0.00	0.00	0.00	0.44	5.20	0.30	0.28	0.15	0.14	0.14	0.11	0.05	
26	0.00	0.00	0.00	0.32	3.80	0.42	0.28	0.15	0.14	0.14	0.11	0.04	
27	0.00	0.00	0.00	0.28	3.60	0.65	0.28	0.14	0.14	0.14	0.11	0.04	
28	0.00	0.00	0.00	0.26	2.50	2.00	0.27	0.14	0.14	0.13	0.11	0.04	
29	0.00	0.00	0.00	0.26	1.70	0.40	0.27	0.13	0.14	0.13	0.11	0.03	
30	0.00	0.00	0.00	0.24	2.90	0.30	0.26	0.13	0.14	0.13	0.11	0.03	
31	0.00	0.00	0.00	0.23	2.70	0.25	0.25	0.14	0.14	0.13	0.11	0.03	
Total	0.00	0.00	0.00	11.81	359.77	172.64	289.29	7.38	4.22	4.32	3.37	2.27	855.07 CMSDAY
Mean	0.00	0.00	0.00	0.38	11.61	5.75	9.33	0.25	0.14	0.14	0.12	0.07	2.34 CMS
Max	0.00	0.00	0.00	1.40	85.48	38.85	89.25	0.65	0.14	0.15	0.13	0.11	89.25 CMS
Min	0.00	0.00	0.00	0.23	0.22	0.30	0.25	0.13	0.13	0.13	0.11	0.03	0.00 CMS
Runoff	0.00	0.00	0.00	1.02	31.08	14.92	24.99	0.64	0.36	0.37	0.29	0.20	73.88 MCM
Momentary Peak	153.00	CMS, at 175.30 m. (MSL.), at 22.00 Hours, on Aug 16, 2007											
Runoff Yield	22.74	Liters/Second/Square KM. Momentary Peak Yield 1485.44 Liters/Second/Square KM.											

WATER YEAR : 2007

CHI RIVER BASIN

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

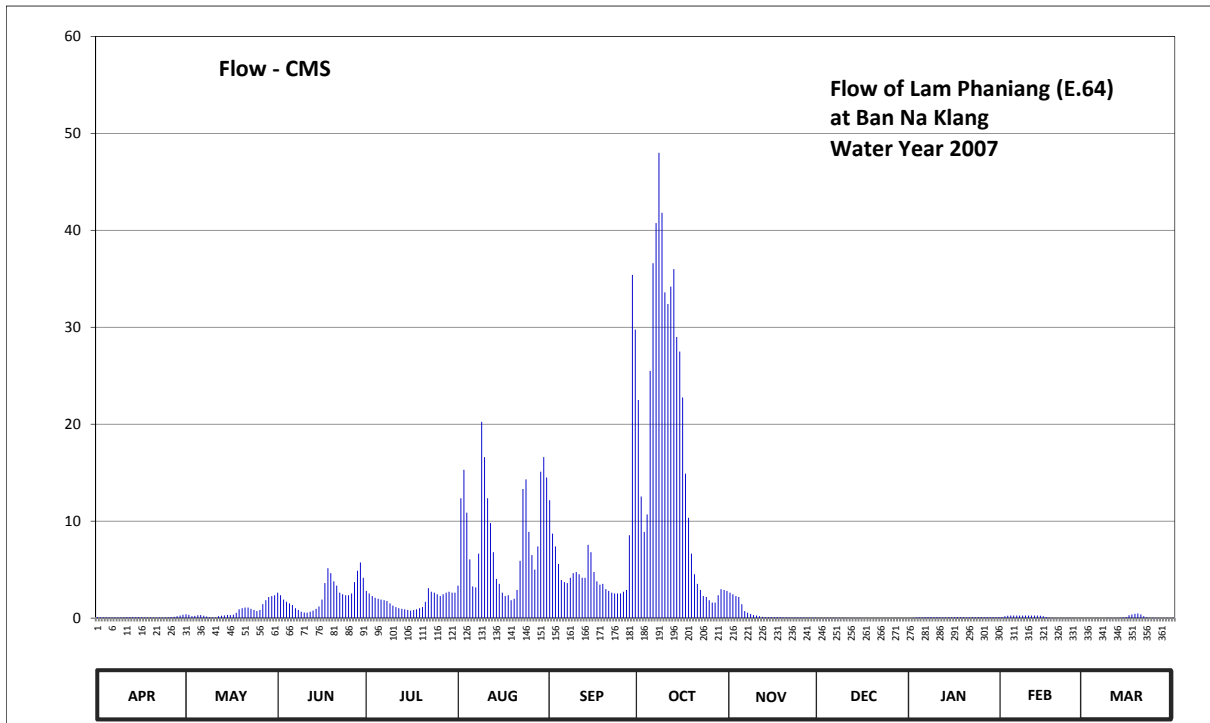
Lat 17 - 19 - 16 N Long 102 - 05 - 32 E

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	Rather unstable.		
Overbank Flow Conditions	Overbank flow starts at elevation +258.390 m.(MSL.), records are channel flow only.		
General Description	Records fair. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 17 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	256.98	257.30	257.67	257.69	257.75	258.33	258.80	257.67	256.91	256.81	257.01	256.83	
2	256.97	257.24	257.64	257.66	258.34	258.14	258.35	257.65	256.91	256.89	257.09	256.83	
3	256.97	257.09	257.59	257.63	258.49	258.06	258.15	257.63	256.91	256.95	257.14	256.84	
4	256.97	257.13	257.56	257.61	258.26	257.94	258.25	257.62	256.91	256.97	257.17	256.84	
5	256.96	257.20	257.54	257.60	257.97	257.81	258.92	257.53	256.92	256.97	257.17	256.84	
6	256.96	257.22	257.52	257.59	257.74	257.79	259.32	257.42	256.92	256.98	257.17	256.84	
7	256.95	257.15	257.47	257.58	257.73	257.78	259.45	257.38	256.91	256.98	257.17	256.85	
8	256.96	257.07	257.44	257.57	258.01	257.83	259.62	257.31	256.90	256.98	257.16	256.85	
9	256.96	256.99	257.41	257.54	258.71	257.87	259.48	257.22	256.90	256.98	257.16	256.86	
10	256.97	256.95	257.39	257.51	258.55	257.88	259.22	257.17	256.89	256.98	257.16	256.86	
11	256.98	256.95	257.38	257.49	258.34	257.86	259.18	257.09	256.88	256.97	257.16	256.87	
12	256.98	257.09	257.41	257.47	258.20	257.83	259.24	257.03	256.88	256.97	257.16	256.88	
13	256.99	257.14	257.43	257.46	258.02	257.83	259.30	257.00	256.87	256.97	257.16	256.90	
14	256.99	257.18	257.46	257.45	257.82	258.07	259.06	257.00	256.87	256.97	257.15	256.94	
15	257.00	257.23	257.50	257.44	257.77	258.02	259.00	256.99	256.86	256.97	257.09	257.00	
16	256.97	257.21	257.59	257.43	257.67	257.88	258.81	256.99	256.85	256.98	257.01	257.20	
17	256.95	257.25	257.78	257.44	257.63	257.80	258.47	256.98	256.84	256.98	256.92	257.28	
18	256.95	257.37	257.91	257.45	257.64	257.76	258.23	256.98	256.84	256.98	256.89	257.32	
19	256.96	257.45	257.87	257.47	257.58	257.77	258.01	256.97	256.84	256.98	256.86	257.34	
20	256.95	257.47	257.80	257.49	257.60	257.71	257.86	256.97	256.83	256.97	256.85	257.28	
21	256.93	257.48	257.75	257.56	257.70	257.69	257.77	256.96	256.82	256.97	256.86	257.09	
22	256.95	257.48	257.67	257.72	257.96	257.67	257.70	256.95	256.82	256.98	256.86	256.97	
23	256.96	257.46	257.65	257.68	258.39	257.66	257.63	256.95	256.81	256.98	256.86	256.91	
24	256.96	257.44	257.64	257.67	258.44	257.66	257.62	256.94	256.80	256.99	256.86	256.89	
25	256.97	257.42	257.64	257.65	258.15	257.66	257.58	256.94	256.80	256.99	256.86	256.89	
26	256.99	257.44	257.66	257.63	258.00	257.68	257.55	256.94	256.79	256.99	256.85	256.88	
27	257.03	257.53	257.79	257.65	257.90	257.70	257.55	256.93	256.79	256.98	256.85	256.88	
28	257.10	257.58	257.89	257.67	258.06	258.13	257.64	256.93	256.79	256.98	256.85	256.88	
29	257.17	257.62	257.95	257.68	258.48	259.28	257.71	256.93	256.78	256.98	256.85	256.87	
30	257.25	257.63	257.83	257.67	258.55	259.09	257.70	256.92	256.77	256.99	256.85	256.88	
31		257.64		257.67	258.45		257.69		256.77	256.99		256.89	
Mean	256.99	257.30	257.63	257.57	258.06	257.94	258.41	257.13	256.85	256.97	257.01	256.95	
Max	257.25	257.64	257.95	257.72	258.71	259.28	259.62	257.67	256.92	256.99	257.17	257.34	259.62
Min	256.93	256.95	257.38	257.43	257.58	257.66	257.55	256.92	256.77	256.81	256.85	256.83	256.77
Annual Max Momentary Gage Height	259.67		m. (MSL.) ,				at 18.00 Hours, on Oct 8, 2007						
Zero Gage at Bottom Elevation	254.47		m. (MSL.) ,			River Bed	254.14	m. (MSL.)					
Left Bank Elevation		258.38		m. (MSL.) ,									
Right Bank Elevation		259.18		m. (MSL.) ,		Drainage Area	362	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.09	0.40	2.63	2.81	3.35	12.17	22.50	2.63	0.04	0.00	0.11	0.00	
2	0.08	0.34	2.36	2.54	12.36	8.72	12.55	2.45	0.04	0.03	0.19	0.00	
3	0.08	0.19	1.92	2.27	15.30	7.40	8.90	2.27	0.04	0.07	0.24	0.00	
4	0.08	0.23	1.68	2.09	10.88	5.60	10.70	2.18	0.04	0.08	0.27	0.00	
5	0.07	0.30	1.52	2.00	6.05	3.92	25.50	1.44	0.05	0.08	0.27	0.00	
6	0.07	0.32	1.36	1.92	3.26	3.71	36.60	0.72	0.05	0.09	0.27	0.00	
7	0.07	0.25	1.02	1.84	3.17	3.62	40.75	0.56	0.04	0.09	0.27	0.00	
8	0.07	0.17	0.84	1.76	6.65	4.16	48.00	0.42	0.03	0.09	0.26	0.00	
9	0.07	0.09	0.66	1.52	20.25	4.64	41.80	0.32	0.03	0.09	0.26	0.01	
10	0.08	0.07	0.58	1.28	16.60	4.76	33.60	0.27	0.03	0.09	0.26	0.01	
11	0.09	0.07	0.56	1.14	12.36	4.52	32.40	0.19	0.02	0.08	0.26	0.01	
12	0.09	0.19	0.66	1.02	9.80	4.16	34.20	0.13	0.02	0.08	0.26	0.02	
13	0.09	0.24	0.78	0.96	6.80	4.16	36.00	0.10	0.01	0.08	0.26	0.03	
14	0.09	0.28	0.96	0.90	4.04	7.55	29.00	0.10	0.01	0.08	0.25	0.06	
15	0.10	0.33	1.20	0.84	3.53	6.80	27.50	0.09	0.01	0.08	0.19	0.10	
16	0.08	0.31	1.92	0.78	2.63	4.76	22.75	0.09	0.00	0.09	0.11	0.30	
17	0.07	0.35	3.62	0.84	2.27	3.80	14.90	0.09	0.00	0.09	0.05	0.38	
18	0.07	0.54	5.15	0.90	2.36	3.44	10.34	0.09	0.00	0.09	0.03	0.44	
19	0.07	0.90	4.64	1.02	1.84	3.53	6.65	0.08	0.00	0.09	0.01	0.48	
20	0.07	1.02	3.80	1.14	2.00	2.99	4.52	0.08	0.00	0.08	0.00	0.38	
21	0.05	1.08	3.35	1.68	2.90	2.81	3.53	0.07	0.00	0.08	0.01	0.19	
22	0.07	1.08	2.63	3.08	5.90	2.63	2.90	0.07	0.00	0.09	0.01	0.08	
23	0.07	0.96	2.45	2.72	13.31	2.54	2.27	0.07	0.00	0.09	0.01	0.04	
24	0.07	0.84	2.36	2.63	14.30	2.54	2.18	0.06	0.00	0.09	0.01	0.03	
25	0.08	0.72	2.36	2.45	8.90	2.54	1.84	0.06	0.00	0.09	0.01	0.03	
26	0.09	0.84	2.54	2.27	6.50	2.72	1.60	0.06	0.00	0.09	0.00	0.02	
27	0.13	1.44	3.71	2.45	5.00	2.90	1.60	0.05	0.00	0.09	0.00	0.02	
28	0.20	1.84	4.88	2.63	7.40	8.54	2.36	0.05	0.00	0.09	0.00	0.02	
29	0.27	2.18	5.75	2.72	15.10	35.40	2.99	0.05	0.00	0.09	0.00	0.01	
30	0.35	2.27	4.16	2.63	16.60	29.75	2.90	0.05	0.00	0.09	0.00	0.02	
31		2.36		2.63	14.50		2.81		0.00	0.09		0.03	
Total	2.96	22.20	72.05	57.46	255.91	196.78	526.14	14.89	0.46	2.53	3.87	2.71	1157.96 CMSDAY
Mean	0.10	0.72	2.40	1.85	8.26	6.56	16.97	0.50	0.01	0.08	0.13	0.09	3.16 CMS
Max	0.35	2.36	5.75	3.08	20.25	35.40	48.00	2.63	0.05	0.09	0.27	0.48	48.00 CMS
Min	0.05	0.07	0.56	0.78	1.84	2.54	1.60	0.05	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.26	1.92	6.23	4.96	22.11	17.00	45.46	1.29	0.04	0.22	0.33	0.23	100.05 MCM
Momentary Peak	50.50 CMS, at 259.67 m. (MSL.), at 18.00 Hours, on Oct 8, 2007												
Runoff Yield	8.76 Liters/Second/Square KM.			Momentary Peak Yield			139.50 Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

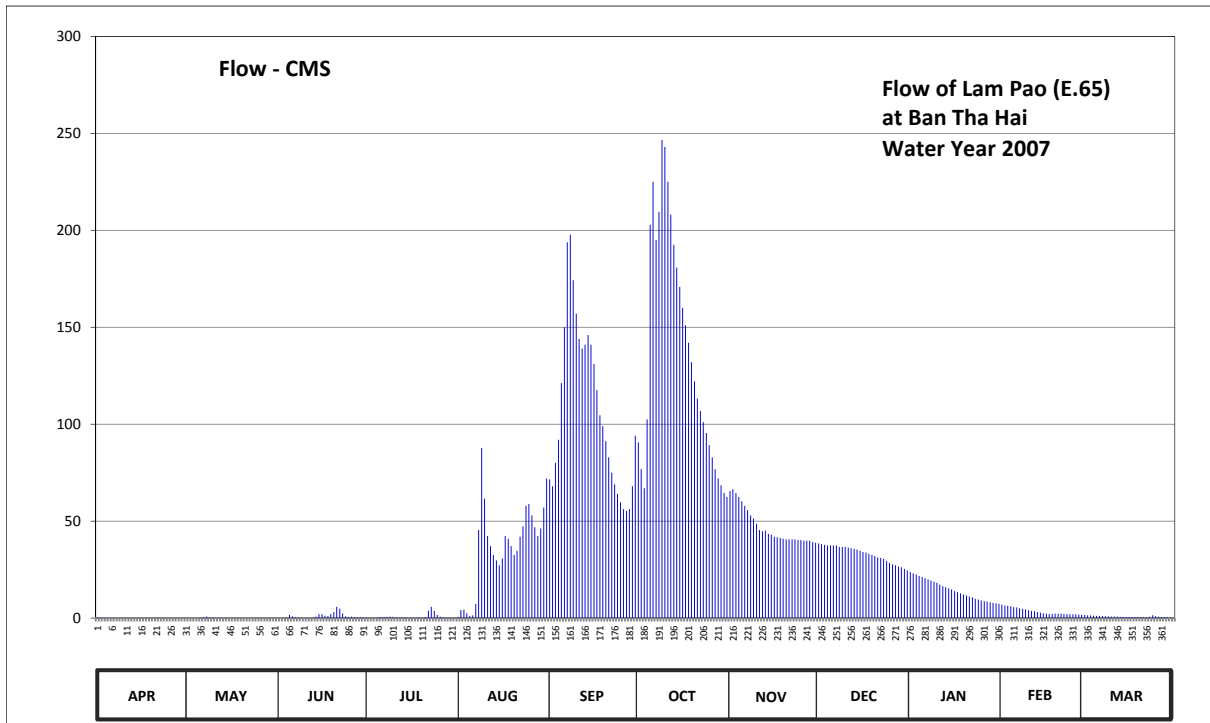
Lat 16 - 57 - 02 N Long 103 - 10 - 16 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +165.660 m.(MSL.), records are channel flow only.		
General Description	Records fair. Flow effected by Lam Pao Dam. Stage-discharge relation defined by 68 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.39	160.16	160.14	160.34	160.57	164.19	164.48	164.07	163.40	162.84	161.60	160.84	
2	160.34	160.16	160.13	160.32	161.22	164.12	164.28	164.09	163.39	162.80	161.55	160.82	
3	160.31	160.16	160.14	160.29	161.24	164.33	164.10	164.05	163.38	162.77	161.52	160.80	
4	160.28	160.16	160.35	160.33	160.97	164.50	164.65	164.01	163.37	162.74	161.48	160.77	
5	160.25	160.17	160.84	160.44	160.75	164.88	165.63	163.96	163.37	162.71	161.43	160.75	
6	160.24	160.21	160.68	160.54	160.81	165.18	165.80	163.91	163.37	162.68	161.40	160.73	
7	160.24	160.46	160.48	160.54	161.65	165.56	165.57	163.86	163.37	162.65	161.35	160.71	
8	160.26	160.64	160.35	160.59	163.60	165.59	165.68	163.80	163.35	162.62	161.30	160.69	
9	160.26	160.43	160.26	160.61	164.44	165.41	165.92	163.76	163.35	162.59	161.25	160.66	
10	160.26	160.30	160.23	160.58	163.99	165.25	165.90	163.69	163.35	162.56	161.19	160.65	
11	160.26	160.23	160.19	160.45	163.51	165.12	165.80	163.60	163.34	162.51	161.14	160.64	
12	160.26	160.21	160.19	160.36	163.36	165.07	165.67	163.58	163.33	162.46	161.12	160.62	
13	160.26	160.21	160.35	160.41	163.22	165.09	165.55	163.59	163.32	162.42	161.06	160.59	
14	160.26	160.19	160.61	160.41	163.11	165.14	165.46	163.54	163.31	162.38	161.01	160.57	
15	160.25	160.17	160.91	160.36	163.01	165.09	165.38	163.53	163.29	162.34	160.97	160.56	
16	160.25	160.16	160.91	160.34	163.15	164.99	165.28	163.50	163.27	162.28	160.95	160.55	
17	160.25	160.15	160.76	160.38	163.51	164.84	165.19	163.49	163.26	162.24	160.92	160.55	
18	160.24	160.14	160.71	160.38	163.47	164.68	165.10	163.48	163.24	162.20	160.92	160.54	
19	160.23	160.14	160.91	160.38	163.36	164.60	165.00	163.47	163.22	162.16	160.94	160.53	
20	160.23	160.14	161.06	160.37	163.22	164.49	164.89	163.46	163.20	162.12	160.94	160.52	
21	160.23	160.13	161.45	160.53	163.29	164.37	164.79	163.46	163.17	162.08	160.94	160.52	
22	160.21	160.13	161.31	161.16	163.50	164.25	164.71	163.46	163.16	162.05	160.92	160.51	
23	160.20	160.15	160.95	161.45	163.65	164.14	164.63	163.46	163.14	162.00	160.91	160.62	
24	160.19	160.16	160.68	161.16	163.91	164.04	164.55	163.45	163.10	161.96	160.90	160.82	
25	160.19	160.16	160.52	160.85	163.93	163.95	164.46	163.45	163.06	161.91	160.90	160.70	
26	160.18	160.15	160.61	160.62	163.80	163.87	164.37	163.44	163.03	161.86	160.89	160.62	
27	160.17	160.17	160.54	160.47	163.64	163.85	164.28	163.44	163.01	161.83	160.87	160.55	
28	160.17	160.20	160.47	160.39	163.51	163.87	164.20	163.44	162.98	161.78	160.86	160.49	
29	160.16	160.17	160.45	160.37	163.62	164.12	164.13	163.42	162.96	161.73	160.86	160.44	
30	160.16	160.16	160.39	160.31	163.89	164.53	164.05	163.41	162.92	161.70	160.86	160.39	
31		160.14		160.28	164.20		164.01		162.88	161.66		160.31	
Mean	160.24	160.20	160.59	160.52	163.00	164.64	164.95	163.63	163.22	162.28	161.11	160.61	
Max	160.39	160.64	161.45	161.45	164.44	165.59	165.92	164.09	163.40	162.84	161.60	160.84	165.92
Min	160.16	160.13	160.13	160.28	160.57	163.85	164.01	163.41	162.88	161.66	160.86	160.31	160.13
Annual Max Momentary Gage Height	165.94		m. (MSL.) ,				at 12.00 Hours, on Oct 9, 2007						
Zero Gage at Bottom Elevation	158.99		m. (MSL.) ,			River Bed	159.12	m. (MSL.)					
Left Bank Elevation	165.69		m. (MSL.) ,										
Right Bank Elevation	165.65		m. (MSL.) ,			Drainage Are	2,149	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.29	0.02	0.02	0.21	0.63	71.50	90.60	65.50	38.50	23.80	6.90	1.62	
2	0.21	0.02	0.01	0.18	4.24	68.00	76.80	66.50	38.15	23.00	6.55	1.49	
3	0.17	0.02	0.02	0.14	4.38	80.10	67.00	64.50	37.80	22.40	6.34	1.36	
4	0.13	0.02	0.23	0.20	2.49	92.00	102.50	62.50	37.45	21.80	6.06	1.25	
5	0.10	0.03	1.62	0.37	1.18	121.20	202.90	60.20	37.45	21.20	5.71	1.18	
6	0.08	0.05	0.94	0.57	1.42	150.00	225.00	57.95	37.45	20.60	5.50	1.11	
7	0.08	0.41	0.44	0.57	7.25	193.80	195.10	55.70	37.45	20.00	5.15	1.04	
8	0.11	0.82	0.23	0.68	45.50	197.70	209.40	53.00	36.75	19.40	4.80	0.97	
9	0.11	0.35	0.11	0.73	87.80	174.30	246.60	51.40	36.75	18.80	4.45	0.88	
10	0.11	0.15	0.07	0.66	61.55	157.00	243.00	48.65	36.75	18.20	4.03	0.85	
11	0.11	0.07	0.04	0.39	42.35	144.00	225.00	45.50	36.40	17.20	3.68	0.82	
12	0.11	0.05	0.04	0.24	37.10	139.00	208.10	44.80	36.05	16.44	3.54	0.76	
13	0.11	0.05	0.23	0.32	32.60	141.00	192.50	45.15	35.70	15.88	3.12	0.68	
14	0.11	0.04	0.73	0.32	29.75	146.00	180.80	43.40	35.35	15.32	2.77	0.63	
15	0.10	0.03	2.07	0.24	27.25	141.00	170.80	43.05	34.70	14.76	2.49	0.61	
16	0.10	0.02	2.07	0.21	30.75	131.10	160.00	42.00	34.10	13.92	2.35	0.59	
17	0.10	0.02	1.22	0.27	42.35	117.60	151.00	41.65	33.80	13.36	2.14	0.59	
18	0.08	0.02	1.04	0.27	40.95	104.60	142.00	41.30	33.20	12.80	2.14	0.57	
19	0.07	0.02	2.07	0.27	37.10	99.00	132.00	40.95	32.60	12.24	2.28	0.55	
20	0.07	0.02	3.12	0.26	32.60	91.30	122.10	40.60	32.00	11.68	2.28	0.52	
21	0.07	0.01	5.85	0.55	34.70	82.90	113.20	40.60	31.25	11.12	2.28	0.52	
22	0.05	0.01	4.87	3.82	42.00	75.00	106.80	40.60	31.00	10.70	2.14	0.50	
23	0.04	0.02	2.35	5.85	47.25	69.00	101.10	40.60	30.50	10.00	2.07	0.76	
24	0.04	0.02	0.94	3.82	57.95	64.00	95.50	40.25	29.50	9.60	2.00	1.49	
25	0.04	0.02	0.52	1.68	58.85	59.75	89.20	40.25	28.50	9.10	2.00	1.00	
26	0.03	0.02	0.73	0.76	53.00	56.15	82.90	39.90	27.75	8.72	1.94	0.76	
27	0.03	0.03	0.57	0.43	46.90	55.25	76.80	39.90	27.25	8.51	1.81	0.59	
28	0.03	0.04	0.43	0.29	42.35	56.15	72.00	39.90	26.60	8.16	1.74	0.46	
29	0.02	0.03	0.39	0.26	46.20	68.00	68.50	39.20	26.20	7.81	1.74	0.37	
30	0.02	0.02	0.29	0.17	57.05	94.10	64.50	38.85	25.40	7.60		0.29	
31		0.02		0.13	72.00		62.50		24.60	7.32		0.17	
Total	2.72	2.47	33.26	24.86	1127.49	3240.50	4276.20	1414.35	1026.95	451.44	100.00	24.98	11725.22 CMSDAY
Mean	0.09	0.08	1.11	0.80	36.37	108.02	137.94	47.14	33.13	14.56	3.45	0.81	32.04 CMS
Max	0.29	0.82	5.85	5.85	87.80	197.70	246.60	66.50	38.50	23.80	6.90	1.62	246.60 CMS
Min	0.02	0.01	0.01	0.13	0.63	55.25	62.50	38.85	24.60	7.32	1.74	0.17	0.01 CMS
Runoff	0.24	0.21	2.87	2.15	97.42	279.98	369.46	122.20	88.73	39.00	8.64	2.16	1013.06 MCM
Momentary Peak	250.20	CMS, at 165.94 m. (MSL.), at 12.00 Hours, on Oct 9, 2007											
Runoff Yield	14.95	Liters/Second/Square KM.		Momentary Peak Yield		116.43	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

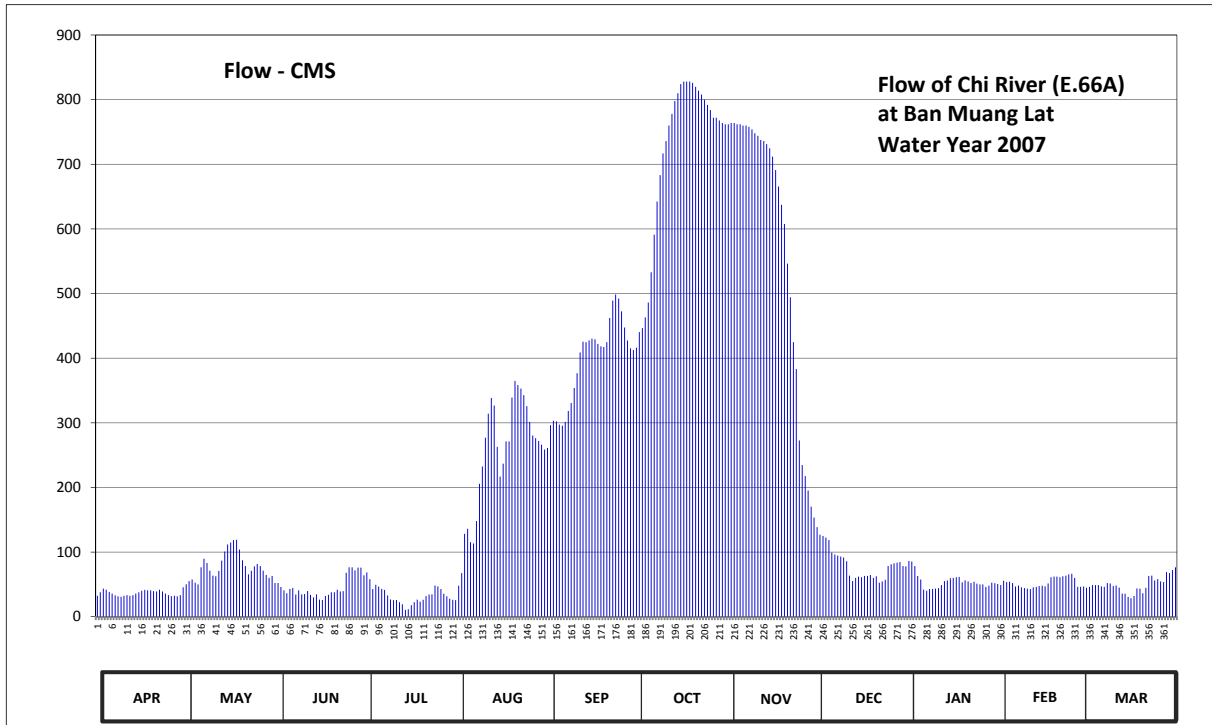
Lat 16 - 12 - 08 N Long 103 - 31 - 41 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +137.710 m.(MSL.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 36 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.18	130.63	130.68	131.01	130.57	134.48	136.08	138.60	132.11	131.33	130.75	130.49	
2	130.32	130.74	130.52	130.80	130.99	134.56	136.14	138.60	132.08	131.20	130.71	130.53	
3	130.46	130.79	130.39	130.44	132.13	134.55	136.30	138.59	132.04	130.90	130.72	130.60	
4	130.42	130.69	130.28	130.61	132.26	134.49	136.52	138.59	131.97	130.79	130.68	130.60	
5	130.33	130.62	130.45	130.54	131.91	134.47	136.97	138.58	131.60	130.42	130.54	130.60	
6	130.27	131.16	130.48	130.45	131.87	134.54	137.43	138.58	131.54	130.38	130.58	130.55	
7	130.20	131.42	130.23	130.41	132.45	134.74	137.83	138.57	131.51	130.44	130.51	130.53	
8	130.15	131.29	130.39	130.19	133.32	134.89	138.12	138.55	131.48	130.45	130.48	130.68	
9	130.13	131.06	130.24	129.99	133.68	135.15	138.33	138.52	131.45	130.46	130.46	130.66	
10	130.18	130.91	130.25	129.95	134.25	135.40	138.45	138.50	131.34	130.48	130.44	130.56	
11	130.21	130.89	130.37	129.96	134.69	135.75	138.58	138.46	130.91	130.60	130.51	130.58	
12	130.18	131.05	130.22	129.85	134.98	135.93	138.67	138.45	130.74	130.74	130.53	130.50	
13	130.21	131.36	130.09	129.74	134.84	135.92	138.77	138.42	130.84	130.76	130.56	130.27	
14	130.27	131.63	130.24	129.43	134.08	135.95	138.83	138.38	130.88	130.83	130.57	130.26	
15	130.32	131.84	129.98	129.47	133.47	135.98	138.90	138.30	130.86	130.84	130.55	130.12	
16	130.38	131.90	129.96	129.69	133.74	135.97	138.92	138.17	130.90	130.86	130.66	130.05	
17	130.41	131.97	130.17	129.85	134.18	135.89	138.92	138.01	130.90	130.87	130.86	130.17	
18	130.39	131.98	130.22	129.98	134.18	135.85	138.92	137.79	130.93	130.70	130.88	130.47	
19	130.39	131.69	130.32	129.87	134.99	135.84	138.91	137.56	130.84	130.76	130.88	130.46	
20	130.36	131.37	130.32	129.97	135.27	135.92	138.88	137.08	130.89	130.73	130.86	130.28	
21	130.35	131.20	130.42	130.16	135.20	136.29	138.85	136.60	130.69	130.68	130.89	130.49	
22	130.42	130.95	130.35	130.23	135.14	136.55	138.82	135.92	130.73	130.72	130.91	130.90	
23	130.35	131.06	130.36	130.24	135.03	136.64	138.78	135.47	130.78	130.65	130.95	130.91	
24	130.27	131.19	131.00	130.58	134.83	136.58	138.74	134.20	131.20	130.62	130.97	130.76	
25	130.21	131.26	131.16	130.55	134.54	136.39	138.70	133.71	131.25	130.62	130.84	130.80	
26	130.16	131.20	131.16	130.44	134.29	136.15	138.64	133.48	131.28	130.53	130.53	130.73	
27	130.18	131.06	131.07	130.26	134.24	135.95	138.64	133.18	131.30	130.57	130.53	130.71	
28	130.15	130.93	131.15	130.15	134.19	135.82	138.62	132.81	131.32	130.69	130.54	131.02	
29	130.21	130.84	131.15	130.03	134.12	135.79	138.60	132.54	131.20	130.67	130.53	130.99	
30	130.51	130.90	130.92	129.97	134.03	135.83	138.59	132.30	131.19	130.64		131.08	
31		130.68		129.95	134.06		138.59		131.35	130.60		131.16	
Mean	130.29	131.17	130.48	130.15	133.79	135.61	138.26	136.88	131.23	130.69	130.67	130.60	
Max	130.51	131.98	131.16	131.01	135.27	136.64	138.92	138.60	132.11	131.33	130.97	131.16	138.92
Min	130.13	130.62	129.96	129.43	130.57	134.47	136.08	132.30	130.69	130.38	130.44	130.05	129.43
Annual Max Momentary Gage Height	138.94		m. (MSL.) ,				at 18.00 Hours, on Oct 15, 2007						
Zero Gage at Bottom Elevation	126.90		m. (MSL.) ,			River Bed	126.70	m. (MSL.)					
Left Bank Elevation		137.70		m. (MSL.) ,									
Right Bank Elevation		139.88		m. (MSL.) ,		Drainage Are	31,879	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	32.40	50.20	52.20	68.52	47.80	296.32	440.32	764.00	126.82	85.16	55.50	44.60		
2	37.80	55.00	45.80	58.00	67.50	303.04	446.56	764.00	124.96	78.40	53.50	46.20		
3	43.40	57.50	40.60	42.60	128.06	302.20	463.20	762.00	122.48	63.00	54.00	49.00		
4	41.80	52.60	36.20	49.40	136.12	297.16	486.08	762.00	118.44	57.50	52.20	49.00		
5	38.20	49.80	43.00	46.60	115.32	295.48	532.88	760.00	99.20	41.80	46.60	49.00		
6	35.80	76.32	44.20	43.00	113.24	301.36	591.04	760.00	96.08	40.20	48.20	47.00		
7	33.00	89.84	34.20	41.40	147.90	318.16	642.24	758.00	94.52	42.60	45.40	46.20		
8	31.50	83.08	40.60	32.70	205.68	330.76	683.20	754.00	92.96	43.00	44.20	52.20		
9	30.90	71.12	34.60	26.70	232.32	353.80	716.80	748.00	91.40	43.40	43.40	51.40		
10	32.40	63.50	35.00	25.50	277.00	376.80	736.00	744.00	85.68	44.20	42.60	47.40		
11	33.40	62.50	39.80	25.80	313.96	409.00	760.00	737.60	63.50	49.00	45.40	48.20		
12	32.40	70.60	33.80	22.50	338.32	425.56	778.00	736.00	55.00	55.00	46.20	45.00		
13	33.40	86.72	29.70	19.20	326.56	424.64	798.00	731.20	60.00	56.00	47.40	35.80		
14	35.80	100.76	34.60	10.60	262.72	427.40	810.00	724.80	62.00	59.50	47.80	35.40		
15	37.80	111.68	26.40	11.40	216.78	430.16	824.00	712.00	61.00	60.00	47.00	30.60		
16	40.20	114.80	25.80	17.70	236.76	429.24	828.00	691.20	63.00	61.00	51.40	28.50		
17	41.40	118.44	32.10	22.50	271.12	421.88	828.00	665.60	63.00	61.50	61.00	32.10		
18	40.60	118.96	33.80	26.40	271.12	418.20	828.00	637.12	64.50	53.00	62.00	43.80		
19	40.60	103.88	37.80	23.10	339.16	417.28	826.00	607.68	60.00	56.00	62.00	43.40		
20	39.40	87.24	37.80	26.10	364.84	424.64	820.00	546.24	62.50	54.50	61.00	36.20		
21	39.00	78.40	41.80	31.80	358.40	462.16	814.00	494.40	52.60	52.20	62.50	44.60		
22	41.80	65.50	39.00	34.20	352.88	489.20	808.00	424.64	54.50	54.00	63.50	63.00		
23	39.00	71.12	39.40	34.60	342.76	498.56	800.00	383.24	57.00	51.00	65.50	63.50		
24	35.80	77.88	68.00	48.20	325.72	492.32	792.00	272.80	78.40	49.80	66.50	56.00		
25	33.40	81.52	76.32	47.00	301.36	472.56	784.00	234.54	81.00	49.80	60.00	58.00		
26	31.80	78.40	76.32	42.60	280.36	447.60	772.00	217.52	82.56	46.20	46.20	54.50		
27	32.40	71.12	71.64	35.40	276.16	427.40	772.00	195.32	83.60	47.80	46.20	53.50		
28	31.50	64.50	75.80	31.50	271.96	415.44	768.00	170.22	84.64	52.60	46.60	69.04		
29	33.40	60.00	75.80	27.90	266.08	412.68	764.00	153.48	78.40	51.80	46.20	67.50		
30	45.40	63.00	64.00	26.10	258.52	416.36	762.00	138.60	77.88	50.60		72.16		
31		52.20		25.50	261.04		762.00		86.20	49.00		76.32		
Total	1095.70	2388.18	1366.08	1024.52	7707.52	11937.36	22436.32	17050.20	2483.82	1659.56	1520.00	1539.12	72208.38	CMSDAY
Mean	36.52	77.04	45.54	33.05	248.63	397.91	723.75	568.34	80.12	53.53	52.41	49.65	197.29	CMS
Max	45.40	118.96	76.32	68.52	364.84	498.56	828.00	764.00	126.82	85.16	66.50	76.32	828.00	CMS
Min	30.90	49.80	25.80	10.60	47.80	295.48	440.32	138.60	52.60	40.20	42.60	28.50	10.60	CMS
Runoff	94.67	206.34	118.03	88.52	665.93	1031.39	1938.50	1473.14	214.60	143.39	131.33	132.98	6238.80	MCM
Momentary Peak	832.00	CMS, at 138.94 m. (MSL.), at 18.00 Hours, on Oct 15, 2007												
Runoff Yield	6.21	Liters/Second/Square KM.			Momentary Peak Yield	26.10	Liters/Second/Square KM.							

WATER YEAR : 2007

CHI RIVER BASIN

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

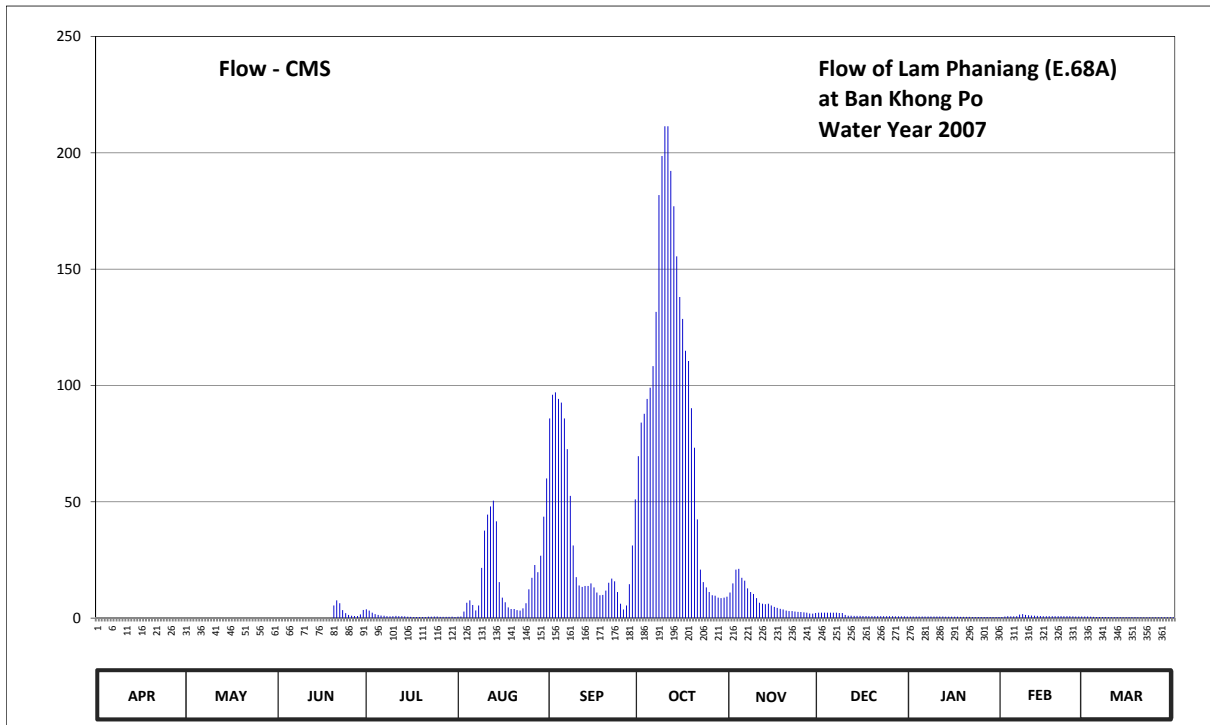
Lat 17 - 04 - 47 N Long 102 - 27 - 11 E

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	Overbank flow starts at elevation +199.130 m.(MSL.), records are channel flow only.		
General Description	Records good. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 15 discharge measurements made in 2007.		

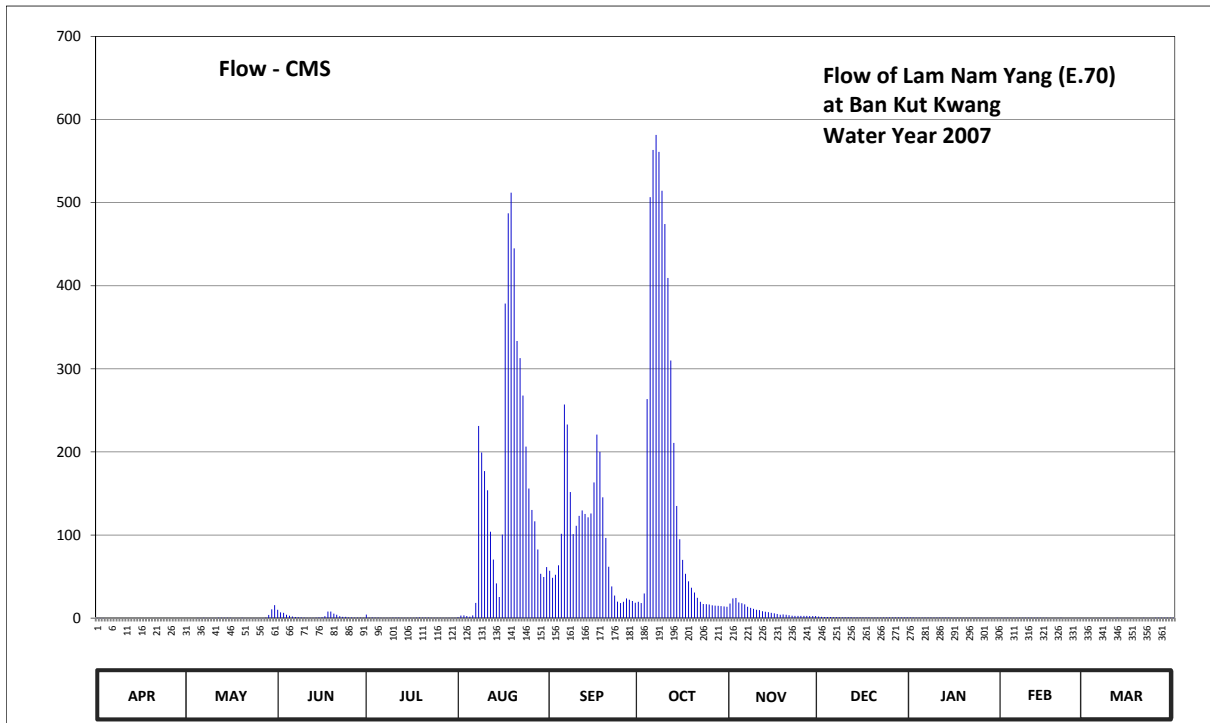
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	196.51	196.48	196.44	197.18	196.82	199.28	199.01	197.55	197.03	196.84	196.80	196.83	
2	196.51	196.48	196.44	197.12	196.84	199.41	199.25	197.73	197.03	196.84	196.84	196.83	
3	196.51	196.48	196.45	197.03	197.08	199.42	199.31	197.92	197.03	196.84	196.86	196.82	
4	196.51	196.48	196.46	196.97	197.33	199.39	199.39	197.93	197.03	196.84	196.85	196.81	
5	196.51	196.48	196.46	196.94	197.38	199.37	199.44	197.81	197.03	196.84	196.85	196.80	
6	196.51	196.48	196.46	196.91	197.28	199.28	199.53	197.77	197.03	196.84	196.87	196.79	
7	196.51	196.48	196.47	196.90	197.13	199.06	199.71	197.64	197.03	196.83	196.95	196.78	
8	196.50	196.48	196.47	196.86	197.27	198.67	199.97	197.56	197.02	196.83	196.97	196.78	
9	196.50	196.48	196.46	196.85	197.94	198.18	200.03	197.52	197.02	196.83	196.94	196.77	
10	196.50	196.47	196.44	196.87	198.34	197.82	200.07	197.43	196.94	196.83	196.92	196.77	
11	196.50	196.48	196.41	196.89	198.51	197.70	200.07	197.33	196.90	196.83	196.91	196.77	
12	196.50	196.48	196.39	196.86	198.58	197.67	200.01	197.31	196.90	196.83	196.90	196.76	
13	196.50	196.48	196.36	196.86	198.63	197.69	199.95	197.30	196.89	196.82	196.89	196.76	
14	196.50	196.48	196.35	196.85	198.44	197.69	199.85	197.31	196.89	196.82	196.88	196.76	
15	196.49	196.48	196.34	196.82	197.75	197.73	199.75	197.27	196.89	196.82	196.87	196.76	
16	196.49	196.48	196.34	196.81	197.44	197.66	199.69	197.24	196.88	196.82	196.86	196.75	
17	196.49	196.48	196.46	196.80	197.34	197.55	199.59	197.22	196.88	196.82	196.86	196.75	
18	196.49	196.48	196.51	196.80	197.23	197.49	199.55	197.20	196.87	196.81	196.86	196.75	
19	196.48	196.48	196.63	196.79	197.19	197.50	199.34	197.17	196.87	196.81	196.86	196.74	
20	196.48	196.48	197.27	196.78	197.19	197.59	199.07	197.12	196.87	196.81	196.86	196.74	
21	196.48	196.47	197.38	196.80	197.14	197.74	198.46	197.10	196.87	196.81	196.86	196.74	
22	196.48	196.47	197.32	196.82	197.12	197.80	197.92	197.10	196.87	196.80	196.86	196.74	
23	196.48	196.46	197.14	196.82	197.21	197.76	197.75	197.08	196.87	196.80	196.86	196.73	
24	196.48	196.46	197.01	196.83	197.32	197.56	197.66	197.07	196.87	196.79	196.86	196.73	
25	196.48	196.46	196.94	196.83	197.62	197.31	197.56	197.06	196.87	196.78	196.85	196.73	
26	196.48	196.44	196.90	196.81	197.81	197.17	197.49	197.05	196.86	196.78	196.84	196.73	
27	196.48	196.44	196.88	196.81	197.97	197.27	197.48	197.03	196.85	196.78	196.84	196.73	
28	196.48	196.42	196.88	196.81	197.89	197.72	197.44	197.00	196.85	196.78	196.83	196.73	
29	196.48	196.42	196.96	196.81	198.07	198.18	197.43	196.99	196.85	196.79	196.83	196.73	
30	196.48	196.43	197.15	196.82	198.49	198.64	197.44	197.02	196.85	196.80	196.80	196.74	
31	196.48	196.44		196.80	198.82		197.46		196.84	196.80		196.74	
Mean	196.49	196.47	196.67	196.87	197.65	198.11	198.92	197.33	196.92	196.81	196.87	196.76	
Max	196.51	196.48	197.38	197.18	198.82	199.42	200.07	197.93	197.03	196.84	196.97	196.83	200.07
Min	196.48	196.42	196.34	196.78	196.82	197.17	197.43	196.99	196.84	196.78	196.80	196.73	196.34
Annual Max Momentary Gage Height	200.08		m. (MSL.) ,				at 17.00 Hours, on Oct 10, 2007						
Zero Gage at Bottom Elevation	194.73		m. (MSL.) ,			River Bed	193.67	m. (MSL.)					
Left Bank Elevation		199.12		m. (MSL.) ,									
Right Bank Elevation		199.18		m. (MSL.) ,		Drainage Are	1,364	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	3.80	0.60	85.80	69.60	11.00	2.30	0.70	0.50	0.65	
2	0.00	0.00	0.00	3.20	0.70	96.00	84.00	14.90	2.30	0.70	0.70	0.65	
3	0.00	0.00	0.00	2.30	2.80	97.00	87.80	20.80	2.30	0.70	0.80	0.60	
4	0.00	0.00	0.00	1.70	6.60	94.20	94.20	21.20	2.30	0.70	0.75	0.55	
5	0.00	0.00	0.00	1.40	7.60	92.60	99.00	17.30	2.30	0.70	0.75	0.50	
6	0.00	0.00	0.00	1.10	5.60	85.80	108.30	16.10	2.30	0.70	0.85	0.48	
7	0.00	0.00	0.00	1.00	3.30	72.60	131.60	12.80	2.30	0.65	1.50	0.45	
8	0.00	0.00	0.00	0.80	5.40	52.50	181.80	11.20	2.20	0.65	1.70	0.45	
9	0.00	0.00	0.00	0.75	21.60	31.20	198.60	10.40	2.20	0.65	1.40	0.43	
10	0.00	0.00	0.00	0.85	37.60	17.60	211.40	8.60	1.40	0.65	1.20	0.43	
11	0.00	0.00	0.00	0.95	44.50	14.00	211.40	6.60	1.00	0.65	1.10	0.43	
12	0.00	0.00	0.00	0.80	48.00	13.40	192.20	6.20	1.00	0.65	1.00	0.40	
13	0.00	0.00	0.00	0.80	50.50	13.80	177.00	6.00	0.95	0.60	0.95	0.40	
14	0.00	0.00	0.00	0.75	41.60	13.80	155.50	6.20	0.95	0.60	0.90	0.40	
15	0.00	0.00	0.00	0.60	15.50	14.90	138.00	5.40	0.95	0.60	0.85	0.40	
16	0.00	0.00	0.00	0.55	8.80	13.20	128.60	4.80	0.90	0.60	0.80	0.38	
17	0.00	0.00	0.00	0.50	6.80	11.00	114.90	4.40	0.90	0.60	0.80	0.38	
18	0.00	0.00	0.00	0.50	4.60	9.80	110.50	4.00	0.85	0.55	0.80	0.38	
19	0.00	0.00	0.08	0.48	3.90	10.00	90.20	3.70	0.85	0.55	0.80	0.35	
20	0.00	0.00	5.40	0.45	3.90	11.80	73.20	3.20	0.85	0.55	0.80	0.35	
21	0.00	0.00	7.60	0.50	3.40	15.20	42.40	3.00	0.85	0.55	0.80	0.35	
22	0.00	0.00	6.40	0.60	3.20	17.00	20.80	3.00	0.85	0.50	0.80	0.35	
23	0.00	0.00	3.40	0.60	4.20	15.80	15.50	2.80	0.85	0.50	0.80	0.33	
24	0.00	0.00	2.10	0.65	6.40	11.20	13.20	2.70	0.85	0.48	0.80	0.33	
25	0.00	0.00	1.40	0.65	12.40	6.20	11.20	2.60	0.85	0.45	0.75	0.33	
26	0.00	0.00	1.00	0.55	17.30	3.70	9.80	2.50	0.80	0.45	0.70	0.33	
27	0.00	0.00	0.90	0.55	22.80	5.40	9.60	2.30	0.75	0.45	0.70	0.33	
28	0.00	0.00	0.90	0.55	19.70	14.60	8.80	2.00	0.75	0.45	0.65	0.33	
29	0.00	0.00	1.60	0.55	26.80	31.20	8.60	1.90	0.75	0.48	0.65	0.33	
30	0.00	0.00	3.50	0.60	43.60	51.00	8.80	2.20	0.75	0.50		0.35	
31	0.00	0.00		0.50	60.00		9.20		0.70	0.50		0.35	
Total	0.00	0.00	34.28	29.58	539.70	1022.30	2815.70	219.80	39.85	18.06	25.60	12.77	4757.64 CMSDAY
Mean	0.00	0.00	1.14	0.95	17.41	34.08	90.83	7.33	1.29	0.58	0.88	0.41	13.00 CMS
Max	0.00	0.00	7.60	3.80	60.00	97.00	211.40	21.20	2.30	0.70	1.70	0.65	211.40 CMS
Min	0.00	0.00	0.00	0.45	0.60	3.70	8.60	1.90	0.70	0.45	0.50	0.33	0.00 CMS
Runoff	0.00	0.00	2.96	2.56	46.63	88.33	243.28	18.99	3.44	1.56	2.21	1.10	411.06 MCM
Momentary Peak	246.60	CMS, at 200.08 m. (MSL.), at 17.00 Hours, on Oct 10, 2007											
Runoff Yield	9.56	Liters/Second/Square KM.		Momentary Peak Yield		180.79	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.16	0.04	10.00	4.20	0.90	57.00	19.60	17.60	2.00	0.75	0.46	0.16	
2	0.14	0.03	7.00	0.65	3.15	48.60	18.00	23.60	1.60	0.70	0.44	0.16	
3	0.13	0.07	6.40	0.70	3.30	52.20	29.60	24.20	1.40	0.65	0.43	0.14	
4	0.08	0.05	4.05	0.60	2.50	63.50	263.67	18.80	1.40	0.60	0.41	0.17	
5	0.07	0.13	2.90	0.49	1.80	101.50	506.60	17.80	1.30	0.50	0.41	0.16	
6	0.08	0.22	2.00	0.46	3.30	257.03	563.30	16.60	1.20	0.65	0.40	0.14	
7	0.07	0.28	1.40	0.44	18.20	232.96	581.54	13.60	1.10	0.55	0.38	0.14	
8	0.07	0.26	1.00	0.38	231.30	151.72	561.02	12.40	1.00	0.49	0.37	0.14	
9	0.07	0.19	0.75	0.38	199.24	101.00	514.28	11.20	0.95	0.50	0.34	0.13	
10	0.07	0.20	0.50	0.55	176.92	111.00	474.20	10.00	0.95	0.60	0.32	0.20	
11	0.07	0.23	0.46	0.60	153.88	123.00	409.40	9.60	0.90	0.65	0.31	0.26	
12	0.07	0.38	0.44	0.47	104.00	129.60	309.92	8.20	0.90	0.60	0.31	0.28	
13	0.07	0.43	0.44	0.41	70.50	125.40	210.76	7.60	0.80	0.50	0.31	0.23	
14	0.07	0.32	0.49	0.35	41.80	121.20	135.00	7.20	0.80	0.47	0.32	0.19	
15	0.07	0.28	0.80	0.31	25.40	126.00	95.00	6.40	0.80	0.46	0.31	0.16	
16	0.07	0.28	1.00	0.28	100.50	163.24	70.00	5.70	0.75	0.46	0.29	0.14	
17	0.07	0.26	2.30	0.43	378.52	220.84	53.40	4.95	0.75	0.46	0.26	0.10	
18	0.07	0.23	7.80	0.50	487.16	199.96	44.20	4.05	0.70	0.46	0.25	0.08	
19	0.07	0.25	7.80	0.85	512.00	145.40	36.60	4.35	0.65	0.46	0.23	0.07	
20	0.07	0.28	5.40	0.55	445.04	96.50	30.80	4.05	0.60	0.46	0.26	0.11	
21	0.07	0.25	4.05	0.49	333.44	61.80	24.50	3.45	0.60	0.46	0.28	0.31	
22	0.05	0.23	2.30	0.47	312.86	38.20	19.60	2.90	0.55	0.44	0.26	0.22	
23	0.05	0.17	1.50	0.46	267.82	27.20	17.00	2.70	0.85	0.44	0.26	0.20	
24	0.05	0.16	1.50	0.43	206.44	19.80	16.80	2.70	0.80	0.43	0.25	0.26	
25	0.04	0.13	0.85	0.38	156.04	18.00	16.40	2.70	0.75	0.43	0.25	0.41	
26	0.03	0.11	0.75	0.35	130.20	19.60	15.40	2.70	0.75	0.43	0.22	0.38	
27	0.03	0.20	0.60	0.32	116.40	23.60	15.00	2.60	0.75	0.41	0.17	0.37	
28	0.02	0.55	0.50	0.38	82.50	22.10	14.80	2.50	0.75	0.41	0.11	0.37	
29	0.02	3.90	0.47	0.40	53.40	20.60	14.40	2.50	0.75	0.41	0.11	0.35	
30	0.03	10.60	0.46	0.35	49.40	18.40	14.00	2.40	0.75	0.41		0.35	
31		15.60		0.29	61.40		13.60		0.75	0.40		0.37	
Total	2.03	36.31	75.91	17.92	4729.31	2896.95	5108.39	255.05	28.60	15.64	8.72	6.75	13181.58 CMSDAY
Mean	0.07	1.17	2.53	0.58	152.56	96.56	164.79	8.50	0.92	0.50	0.30	0.22	36.02 CMS
Max	0.16	15.60	10.00	4.20	512.00	257.03	581.54	24.20	2.00	0.75	0.46	0.41	581.54 CMS
Min	0.02	0.03	0.44	0.28	0.90	18.00	13.60	2.40	0.55	0.40	0.11	0.07	0.02 CMS
Runoff	0.18	3.14	6.56	1.55	408.61	250.30	441.36	22.04	2.47	1.35	0.75	0.58	1138.89 MCM
Momentary Peak		582.68	CMS, at 140.62 m. (MSL.), at 05.00 Hours, on Oct 7, 2007										
Runoff Yield		13.64	Liters/Second/Square KM.		Momentary Peak Yield		220.13	Liters/Second/Square KM.					

WATER YEAR : 2007

CHI RIVER BASIN

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

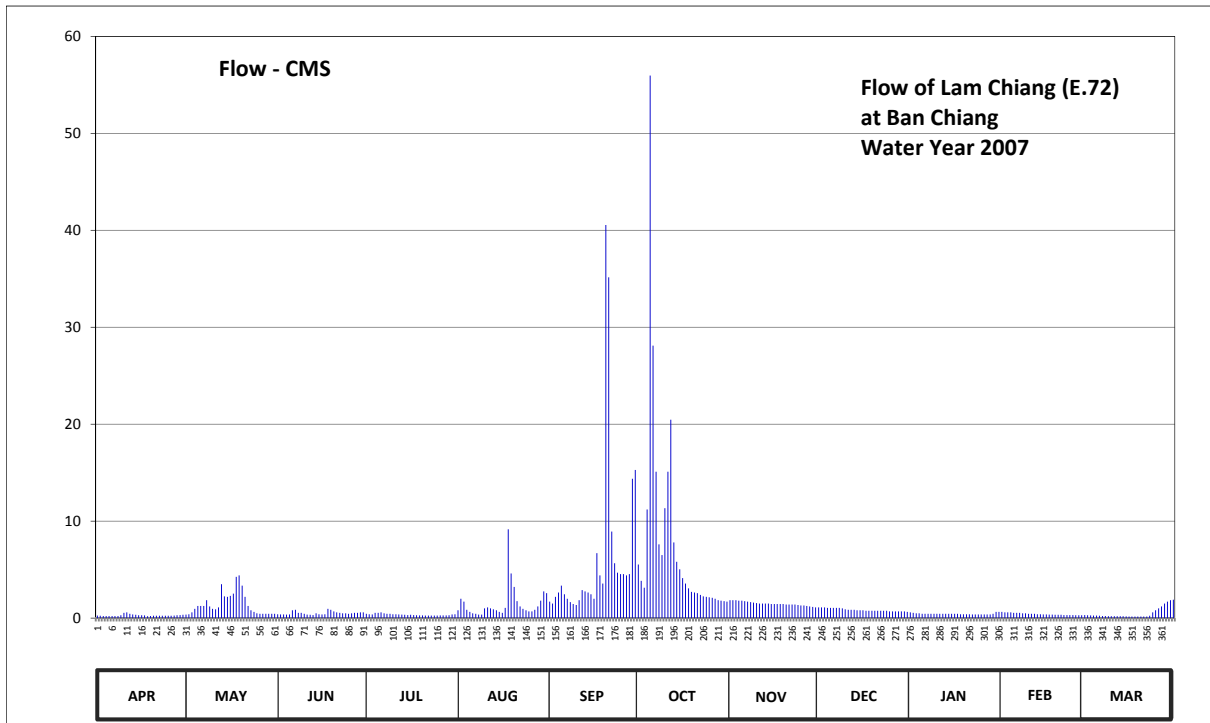
Lat 16 - 01 - 26 N Long 101 - 30 - 12 E

Location : on left bank at Ban Chiang School.

	Ban Chiang	Amphoe Phak Di Chumphon	Changwat Chaiyaphum
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	Overbank flow starts at elevation +238.790 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 38 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	234.43	234.48	234.50	234.51	234.58	234.76	235.36	234.79	234.64	234.54	234.55	234.46	
2	234.42	234.50	234.49	234.50	234.82	234.72	235.12	234.79	234.64	234.53	234.54	234.45	
3	234.41	234.54	234.49	234.49	234.76	234.86	235.02	234.79	234.64	234.52	234.54	234.44	
4	234.41	234.61	234.48	234.53	234.59	234.94	235.90	234.78	234.63	234.52	234.54	234.43	
5	234.41	234.67	234.49	234.53	234.55	235.05	239.71	234.78	234.63	234.51	234.53	234.43	
6	234.41	234.67	234.58	234.54	234.52	234.91	238.01	234.77	234.63	234.51	234.53	234.42	
7	234.41	234.67	234.59	234.52	234.51	234.82	236.15	234.76	234.63	234.51	234.53	234.41	
8	234.41	234.79	234.53	234.51	234.48	234.75	235.58	234.75	234.63	234.51	234.52	234.41	
9	234.45	234.66	234.53	234.51	234.48	234.71	235.47	234.74	234.62	234.51	234.52	234.40	
10	234.53	234.61	234.51	234.50	234.62	234.69	235.91	234.73	234.60	234.51	234.51	234.40	
11	234.54	234.60	234.48	234.50	234.64	234.79	236.15	234.72	234.59	234.51	234.51	234.40	
12	234.51	234.64	234.47	234.49	234.62	234.98	237.01	234.72	234.59	234.51	234.51	234.40	
13	234.49	235.07	234.46	234.48	234.60	234.96	235.60	234.72	234.59	234.51	234.50	234.39	
14	234.47	234.87	234.52	234.47	234.58	234.94	235.40	234.72	234.58	234.51	234.50	234.39	
15	234.45	234.86	234.50	234.46	234.55	234.91	235.29	234.71	234.58	234.51	234.49	234.38	
16	234.45	234.88	234.49	234.47	234.53	234.82	235.16	234.71	234.58	234.51	234.49	234.37	
17	234.44	234.92	234.50	234.46	234.63	235.49	235.08	234.71	234.57	234.51	234.48	234.36	
18	234.40	235.18	234.61	234.45	235.73	235.20	235.01	234.71	234.57	234.50	234.48	234.36	
19	234.41	235.20	234.59	234.44	235.23	235.08	234.95	234.71	234.57	234.50	234.47	234.36	
20	234.42	235.05	234.56	234.44	235.03	238.99	234.94	234.70	234.57	234.50	234.47	234.36	
21	234.42	234.86	234.54	234.43	234.77	238.62	234.93	234.70	234.57	234.50	234.47	234.36	
22	234.42	234.67	234.53	234.43	234.66	235.71	234.90	234.70	234.57	234.49	234.46	234.36	
23	234.42	234.58	234.52	234.43	234.61	235.38	234.87	234.70	234.57	234.49	234.46	234.42	
24	234.42	234.55	234.52	234.43	234.58	235.24	234.86	234.69	234.57	234.49	234.46	234.54	
25	234.42	234.52	234.51	234.43	234.56	235.22	234.85	234.68	234.56	234.49	234.46	234.58	
26	234.42	234.51	234.52	234.44	234.56	235.22	234.84	234.68	234.56	234.49	234.45	234.62	
27	234.43	234.51	234.53	234.44	234.59	235.20	234.82	234.67	234.56	234.49	234.45	234.66	
28	234.45	234.51	234.53	234.44	234.66	235.22	234.79	234.66	234.56	234.49	234.45	234.72	
29	234.46	234.51	234.54	234.45	234.78	236.11	234.78	234.65	234.56	234.51	234.45	234.76	
30	234.47	234.51	234.54	234.49	234.96	236.16	234.77	234.64	234.56	234.55	234.45	234.79	
31		234.51		234.50	234.93		234.76		234.55	234.55		234.80	
Mean	234.44	234.70	234.52	234.47	234.70	235.35	235.48	234.72	234.59	234.51	234.49	234.47	
Max	234.54	235.20	234.61	234.54	235.73	238.99	239.71	234.79	234.64	234.55	234.55	234.80	239.71
Min	234.40	234.48	234.46	234.43	234.48	234.69	234.76	234.64	234.55	234.49	234.45	234.36	234.36
Annual Max Momentary Gage Height	240.52		m. (MSL.) ,				at 18.00 Hours, on Sep 20, 2007						
Zero Gage at Bottom Elevation	234.12		m. (MSL.) ,			River Bed	233.53		m. (MSL.)				
Left Bank Elevation	242.77		m. (MSL.) ,										
Right Bank Elevation	238.78		m. (MSL.) ,			Drainage Are	323		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.26	0.36	0.40	0.45	0.80	1.70	5.52	1.85	1.10	0.60	0.65	0.32	
2	0.24	0.40	0.38	0.40	2.00	1.50	3.84	1.85	1.10	0.55	0.60	0.30	
3	0.22	0.60	0.38	0.38	1.70	2.20	3.14	1.85	1.10	0.50	0.60	0.28	
4	0.22	0.95	0.36	0.55	0.85	2.64	11.20	1.80	1.05	0.50	0.60	0.26	
5	0.22	1.25	0.38	0.55	0.65	3.35	55.97	1.80	1.05	0.45	0.55	0.26	
6	0.22	1.25	0.80	0.60	0.50	2.46	28.10	1.75	1.05	0.45	0.55	0.24	
7	0.22	1.25	0.85	0.50	0.45	2.00	15.10	1.70	1.05	0.45	0.55	0.22	
8	0.22	1.85	0.55	0.45	0.36	1.65	7.60	1.65	1.05	0.45	0.50	0.22	
9	0.30	1.20	0.55	0.45	0.36	1.45	6.50	1.60	1.00	0.45	0.50	0.20	
10	0.55	0.95	0.45	0.40	1.00	1.35	11.34	1.55	0.90	0.45	0.45	0.20	
11	0.60	0.90	0.36	0.40	1.10	1.85	15.10	1.50	0.85	0.45	0.45	0.20	
12	0.45	1.10	0.34	0.38	1.00	2.88	20.46	1.50	0.85	0.45	0.45	0.20	
13	0.38	3.49	0.32	0.36	0.90	2.76	7.80	1.50	0.85	0.45	0.40	0.19	
14	0.34	2.25	0.50	0.34	0.80	2.64	5.80	1.50	0.80	0.45	0.40	0.19	
15	0.30	2.20	0.40	0.32	0.65	2.46	5.03	1.45	0.80	0.45	0.38	0.18	
16	0.30	2.30	0.38	0.34	0.55	2.00	4.12	1.45	0.80	0.45	0.38	0.17	
17	0.28	2.52	0.40	0.32	1.05	6.70	3.56	1.45	0.75	0.45	0.36	0.16	
18	0.20	4.26	0.95	0.30	9.16	4.40	3.07	1.45	0.75	0.40	0.36	0.16	
19	0.22	4.40	0.85	0.28	4.61	3.56	2.70	1.45	0.75	0.40	0.34	0.16	
20	0.24	3.35	0.70	0.28	3.21	40.55	2.64	1.40	0.75	0.40	0.34	0.16	
21	0.24	2.20	0.60	0.26	1.75	35.16	2.58	1.40	0.75	0.40	0.34	0.16	
22	0.24	1.25	0.55	0.26	1.20	8.92	2.40	1.40	0.75	0.38	0.32	0.16	
23	0.24	0.80	0.50	0.26	0.95	5.66	2.25	1.40	0.75	0.38	0.32	0.24	
24	0.24	0.65	0.50	0.26	0.80	4.68	2.20	1.35	0.75	0.38	0.32	0.60	
25	0.24	0.50	0.45	0.26	0.70	4.54	2.15	1.30	0.70	0.38	0.32	0.80	
26	0.24	0.45	0.50	0.28	0.70	4.54	2.10	1.30	0.70	0.38	0.30	1.00	
27	0.26	0.45	0.55	0.28	0.85	4.40	2.00	1.25	0.70	0.38	0.30	1.20	
28	0.30	0.45	0.55	0.28	1.20	4.54	1.85	1.20	0.70	0.38	0.30	1.50	
29	0.32	0.45	0.60	0.30	1.80	14.38	1.80	1.15	0.70	0.45	0.30	1.70	
30	0.34	0.45	0.60	0.38	2.76	15.28	1.75	1.10	0.70	0.65		1.85	
31		0.45		0.40	2.58		1.70		0.65	0.65		1.90	
Total	8.64	44.93	15.70	11.27	46.99	192.20	241.37	44.90	26.25	14.01	12.23	15.38	673.87 CMSDAY
Mean	0.29	1.45	0.52	0.36	1.52	6.41	7.79	1.50	0.85	0.45	0.42	0.50	1.84 CMS
Max	0.60	4.40	0.95	0.60	9.16	40.55	55.97	1.85	1.10	0.65	0.65	1.90	55.97 CMS
Min	0.20	0.36	0.32	0.26	0.36	1.35	1.70	1.10	0.65	0.38	0.30	0.16	0.16 CMS
Runoff	0.75	3.88	1.36	0.97	4.06	16.61	20.85	3.88	2.27	1.21	1.06	1.33	58.22 MCM
Momentary Peak	85.60	CMS, at 240.52 m. (MSL.), at 18.00 Hours, on Sep 20, 2007											
Runoff Yield	5.72	Liters/Second/Square KM.		Momentary Peak Yield		265.02	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

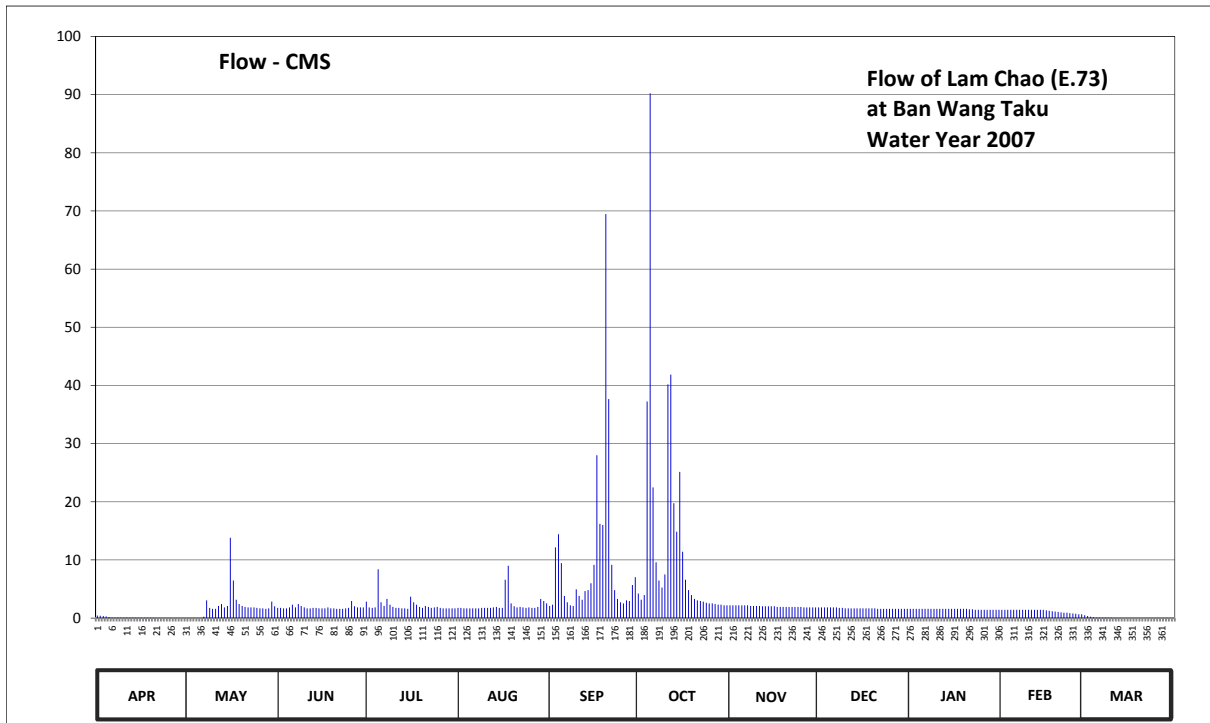
Lat 15 - 56 - 59 N Long 101 - 26 - 44 E

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 good. The local weir situated about 4 kilometers downstream from the gage site. Stage-discharge relation defined by 35 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	249.47	249.26	249.66	249.77	249.66	249.70	249.88	249.71	249.67	249.64	249.62	249.48	
2	249.46	249.26	249.66	249.67	249.66	249.72	249.80	249.71	249.67	249.64	249.62	249.45	
3	249.45	249.26	249.65	249.66	249.65	250.41	249.86	249.71	249.67	249.64	249.62	249.43	
4	249.44	249.26	249.65	249.67	249.65	250.56	251.74	249.71	249.67	249.64	249.62	249.41	
5	249.42	249.27	249.67	250.16	249.65	250.23	253.79	249.71	249.67	249.64	249.62	249.39	
6	249.40	249.30	249.72	249.76	249.65	249.85	251.02	249.71	249.67	249.64	249.62	249.39	
7	249.39	249.43	249.67	249.70	249.65	249.76	250.24	249.71	249.67	249.64	249.62	249.37	
8	249.40	249.79	249.73	249.81	249.65	249.71	250.03	249.70	249.66	249.64	249.62	249.37	
9	249.39	249.66	249.70	249.72	249.66	249.70	249.95	249.70	249.66	249.64	249.62	249.36	
10	249.39	249.64	249.67	249.68	249.66	249.93	250.10	249.70	249.65	249.64	249.62	249.34	
11	249.38	249.64	249.65	249.66	249.66	249.85	251.88	249.70	249.65	249.64	249.62	249.33	
12	249.37	249.70	249.65	249.66	249.66	249.80	251.96	249.69	249.65	249.64	249.62	249.33	
13	249.37	249.73	249.66	249.65	249.67	249.91	250.87	249.69	249.65	249.64	249.62	249.32	
14	249.37	249.67	249.66	249.65	249.68	249.92	250.59	249.69	249.65	249.64	249.62	249.31	
15	249.36	249.70	249.65	249.64	249.66	250.00	251.16	249.69	249.65	249.64	249.62	249.31	
16	249.36	250.52	249.65	249.84	249.66	250.21	250.36	249.69	249.65	249.64	249.61	249.30	
17	249.35	250.03	249.65	249.76	250.04	251.30	250.04	249.68	249.65	249.64	249.60	249.29	
18	249.34	249.80	249.67	249.72	250.20	250.67	249.92	249.68	249.65	249.64	249.59	249.28	
19	249.34	249.73	249.65	249.68	249.74	250.66	249.86	249.68	249.65	249.64	249.58	249.27	
20	249.34	249.70	249.65	249.66	249.69	253.07	249.81	249.68	249.65	249.64	249.57	249.26	
21	249.33	249.68	249.64	249.70	249.67	251.76	249.79	249.68	249.64	249.63	249.56	249.25	
22	249.31	249.67	249.64	249.68	249.68	250.21	249.78	249.68	249.64	249.63	249.55	249.24	
23	249.30	249.67	249.64	249.66	249.67	249.92	249.77	249.68	249.64	249.62	249.55	249.23	
24	249.29	249.67	249.65	249.67	249.66	249.81	249.75	249.68	249.64	249.62	249.54	249.22	
25	249.29	249.66	249.66	249.68	249.67	249.76	249.74	249.68	249.64	249.62	249.53	249.21	
26	249.28	249.65	249.78	249.66	249.66	249.74	249.74	249.67	249.64	249.62	249.52	249.20	
27	249.26	249.65	249.69	249.65	249.66	249.79	249.73	249.67	249.64	249.62	249.51	249.20	
28	249.25	249.64	249.67	249.65	249.68	249.78	249.72	249.67	249.64	249.62	249.51	249.20	
29	249.26	249.65	249.67	249.65	249.81	249.98	249.72	249.67	249.64	249.62	249.51	249.20	
30	249.27	249.77	249.67	249.65	249.78	250.07	249.71	249.67	249.64	249.62	249.51	249.19	
31		249.69		249.65	249.74		249.71		249.64	249.62		249.19	
Mean	249.35	249.64	249.67	249.70	249.71	250.19	250.32	249.69	249.65	249.63	249.59	249.30	
Max	249.47	250.52	249.78	250.16	250.20	253.07	253.79	249.71	249.67	249.64	249.62	249.48	253.79
Min	249.25	249.26	249.64	249.64	249.65	249.70	249.71	249.67	249.64	249.62	249.51	249.19	249.19
Annual Max Momentary Gage Height	254.89		m. (MSL.) ,				at 05.00 Hours, on Oct 5, 2007						
Zero Gage at Bottom Elevation	247.24		m. (MSL.) ,			River Bed	247.67	m. (MSL.)					
Left Bank Elevation		258.76		m. (MSL.) ,									
Right Bank Elevation		255.25		m. (MSL.) ,		Drainage Are	251	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.45	0.00	1.76	2.84	1.76	2.10	4.23	2.21	1.85	1.59	1.42	0.50	
2	0.40	0.00	1.76	1.85	1.76	2.31	3.15	2.21	1.85	1.59	1.42	0.35	
3	0.35	0.00	1.68	1.76	1.68	12.15	3.96	2.21	1.85	1.59	1.42	0.25	
4	0.30	0.00	1.68	1.85	1.68	14.40	37.24	2.21	1.85	1.59	1.42	0.15	
5	0.20	0.00	1.85	8.40	1.68	9.45	90.21	2.21	1.85	1.59	1.42	0.09	
6	0.10	0.00	2.31	2.73	1.68	3.83	22.48	2.21	1.85	1.59	1.42	0.09	
7	0.09	0.25	1.85	2.10	1.68	2.73	9.60	2.21	1.85	1.59	1.42	0.07	
8	0.10	3.05	2.42	3.29	1.68	2.21	6.45	2.10	1.76	1.59	1.42	0.07	
9	0.09	1.76	2.10	2.31	1.76	2.10	5.25	2.10	1.76	1.59	1.42	0.06	
10	0.09	1.59	1.85	1.93	1.76	4.95	7.50	2.10	1.68	1.59	1.42	0.04	
11	0.08	1.59	1.68	1.76	1.76	3.83	40.18	2.10	1.68	1.59	1.42	0.03	
12	0.07	2.10	1.68	1.76	1.76	3.15	41.86	2.02	1.68	1.59	1.42	0.03	
13	0.07	2.42	1.76	1.68	1.85	4.65	19.76	2.02	1.68	1.59	1.42	0.02	
14	0.07	1.85	1.76	1.68	1.93	4.80	14.85	2.02	1.68	1.59	1.42	0.01	
15	0.06	2.10	1.68	1.59	1.76	6.00	25.14	2.02	1.68	1.59	1.42	0.01	
16	0.06	13.80	1.68	3.69	1.76	9.15	11.40	2.02	1.68	1.59	1.34	0.00	
17	0.05	6.45	1.68	2.73	6.60	28.00	6.60	1.93	1.68	1.59	1.25	0.00	
18	0.04	3.15	1.85	2.31	9.00	16.19	4.80	1.93	1.68	1.59	1.19	0.00	
19	0.04	2.42	1.68	1.93	2.52	16.02	3.96	1.93	1.68	1.59	1.12	0.00	
20	0.04	2.10	1.68	1.76	2.02	69.46	3.29	1.93	1.68	1.59	1.06	0.00	
21	0.03	1.93	1.59	2.10	1.85	37.66	3.05	1.93	1.59	1.51	0.99	0.00	
22	0.01	1.85	1.59	1.93	1.93	9.15	2.94	1.93	1.59	1.51	0.93	0.00	
23	0.00	1.85	1.59	1.76	1.85	4.80	2.84	1.93	1.59	1.42	0.93	0.00	
24	0.00	1.85	1.68	1.85	1.76	3.29	2.63	1.93	1.59	1.42	0.86	0.00	
25	0.00	1.76	1.76	1.93	1.85	2.73	2.52	1.93	1.59	1.42	0.80	0.00	
26	0.00	1.68	2.94	1.76	1.76	2.52	2.52	1.85	1.59	1.42	0.73	0.00	
27	0.00	1.68	2.02	1.68	1.76	3.05	2.42	1.85	1.59	1.42	0.67	0.00	
28	0.00	1.59	1.85	1.68	1.93	2.94	2.31	1.85	1.59	1.42	0.67	0.00	
29	0.00	1.68	1.85	1.68	3.29	5.70	2.31	1.85	1.59	1.42	0.67	0.00	
30	0.00	2.84	1.85	1.68	2.94	7.05	2.21	1.85	1.59	1.42	0.00	0.00	
31	0.00	2.02	1.68	1.68	2.52	2.21	2.21	1.59	1.42	0.00	0.00	0.00	
Total	2.79	65.36	55.11	69.68	71.52	296.37	389.87	60.59	52.44	47.60	34.51	1.77	1147.61 CMSDAY
Mean	0.09	2.11	1.84	2.25	2.31	9.88	12.58	2.02	1.69	1.54	1.19	0.06	3.14 CMS
Max	0.45	13.80	2.94	8.40	9.00	69.46	90.21	2.21	1.85	1.59	1.42	0.50	90.21 CMS
Min	0.00	0.00	1.59	1.59	1.68	2.10	2.21	1.85	1.59	1.42	0.67	0.00	0.00 CMS
Runoff	0.24	5.65	4.76	6.02	6.18	25.61	33.68	5.23	4.53	4.11	2.98	0.15	99.15 MCM
Momentary Peak	124.18	CMS, at 254.89 m. (MSL.), at 05.00 Hours, on Oct 5, 2007											
Runoff Yield	12.53	Liters/Second/Square KM.		Momentary Peak Yield		494.74	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

Lam Pao at Ban Nong Muang, Kalasin (E.75)

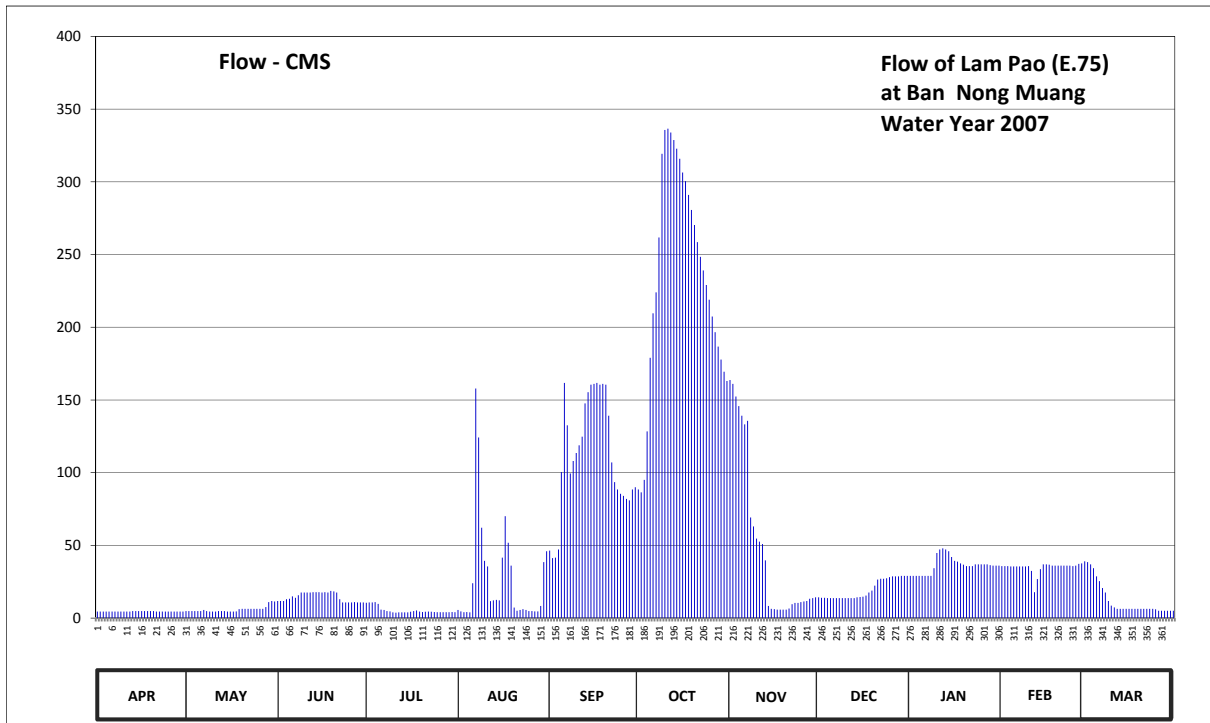
Lat 16 - 34 - 36 N Long 103 - 26 - 35 E

Location : on left bank about 3 kilometers downstream from Lam Pao Damsite.

	Ban Nong Muang	Amphoe Mueang	Changwat Kalasin
Drainage Area	6,013 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+138.018 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On left bank in front of gage observer's house.		Elevation +149.762 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by Lam Pao Dam. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.80	137.82	138.19	138.13	137.87	139.36	140.29	141.62	138.29	138.83	139.06	139.17	
2	137.80	137.82	138.19	138.14	137.81	139.23	140.25	141.58	138.28	138.83	139.06	139.15	
3	137.80	137.82	138.19	138.14	137.77	139.24	140.42	141.44	138.28	138.83	139.06	139.10	
4	137.80	137.82	138.24	138.15	137.78	139.38	141.04	141.33	138.27	138.83	139.05	139.01	
5	137.80	137.82	138.25	138.09	137.76	140.53	141.86	141.22	138.27	138.83	139.05	138.82	
6	137.80	137.82	138.32	137.89	138.65	141.59	142.30	141.12	138.27	138.83	139.05	138.70	
7	137.80	137.87	138.28	137.87	141.53	141.11	142.50	141.16	138.27	138.83	139.05	138.53	
8	137.80	137.82	138.35	137.82	140.97	140.51	143.02	139.89	138.27	138.83	139.05	138.42	
9	137.80	137.80	138.42	137.81	139.73	140.68	143.69	139.75	138.27	139.01	139.05	138.19	
10	137.80	137.80	138.42	137.76	139.18	140.79	143.88	139.56	138.27	139.32	139.06	138.03	
11	137.80	137.80	138.42	137.75	139.05	140.88	143.89	139.51	138.27	139.38	138.95	137.97	
12	137.80	137.82	138.42	137.76	138.18	140.98	143.86	139.47	138.27	139.40	138.43	137.92	
13	137.82	137.82	138.43	137.76	138.21	141.36	143.80	139.19	138.27	139.38	138.75	137.92	
14	137.82	137.82	138.43	137.76	138.22	141.49	143.73	138.02	138.29	139.35	138.99	137.92	
15	137.82	137.80	138.43	137.76	138.21	141.57	143.65	137.92	138.30	139.25	139.10	137.92	
16	137.82	137.80	138.42	137.79	139.24	141.58	143.54	137.91	138.31	139.18	139.10	137.92	
17	137.82	137.80	138.43	137.82	139.91	141.59	143.47	137.89	138.34	139.16	139.09	137.92	
18	137.82	137.81	138.42	137.85	139.49	141.57	143.36	137.89	138.42	139.12	139.07	137.92	
19	137.82	137.91	138.46	137.80	139.07	141.58	143.24	137.89	138.47	139.09	139.07	137.92	
20	137.82	137.92	138.45	137.78	137.96	141.57	143.12	137.89	138.59	139.06	139.07	137.92	
21	137.80	137.92	138.42	137.79	137.84	141.22	142.98	137.93	138.74	139.06	139.07	137.92	
22	137.80	137.92	138.24	137.80	137.87	140.66	142.84	138.08	138.76	139.06	139.07	137.92	
23	137.80	137.92	138.14	137.79	137.91	140.39	142.71	138.12	138.76	139.10	139.07	137.92	
24	137.80	137.92	138.14	137.78	137.87	140.29	142.57	138.12	138.77	139.10	139.07	137.92	
25	137.80	137.92	138.14	137.77	137.82	140.23	142.43	138.15	138.80	139.10	139.06	137.90	
26	137.80	137.92	138.14	137.77	137.82	140.20	142.27	138.17	138.82	139.10	139.07	137.84	
27	137.80	137.92	138.15	137.77	137.81	140.16	142.12	138.19	138.82	139.10	139.11	137.84	
28	137.80	137.98	138.14	137.77	137.81	140.14	141.98	138.25	138.82	139.08	139.12	137.84	
29	137.80	138.15	138.14	137.77	138.02	140.29	141.84	138.27	138.83	139.07	139.12	137.84	
30	137.80	138.19	138.14	137.78	139.15	140.32	141.71	138.29	138.83	139.07		137.84	
31		138.17		137.77	139.35		141.61		138.83	139.07		137.84	
Mean	137.81	137.89	138.30	137.84	138.58	140.68	142.58	139.13	138.49	139.07	139.03	138.16	
Max	137.82	138.19	138.46	138.15	141.53	141.59	143.89	141.62	138.83	139.40	139.12	139.17	143.89
Min	137.80	137.80	138.14	137.75	137.76	139.23	140.25	137.89	138.27	138.83	138.43	137.84	137.75
Annual Max Momentary Gage Height	143.90		m. (MSL.) ,				at 11.00 Hours, on Oct 10, 2007						
Zero Gage at Bottom Elevation	138.02		m. (MSL.) ,			River Bed	137.30	m. (MSL.)					
Left Bank Elevation		150.19		m. (MSL.) ,									
Right Bank Elevation		150.24		m. (MSL.) ,		Drainage Are	6,013	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.50	4.80	11.80	10.60	5.55	46.40	88.50	163.68	14.25	29.04	35.80	39.10		
2	4.50	4.80	11.80	10.80	4.65	41.20	86.50	161.12	14.00	29.04	35.80	38.50		
3	4.50	4.80	11.80	10.80	4.05	41.60	95.00	152.40	14.00	29.04	35.80	37.00		
4	4.50	4.80	13.00	11.00	4.20	47.20	128.40	145.80	13.75	29.04	35.50	34.30		
5	4.50	4.80	13.25	9.80	3.90	100.50	179.04	139.20	13.75	29.04	35.50	28.76		
6	4.50	4.80	15.00	5.85	24.00	161.76	209.60	133.20	13.75	29.04	35.50	25.40		
7	4.50	5.55	14.00	5.55	157.92	132.60	224.00	135.60	13.75	29.04	35.50	20.64		
8	4.50	4.80	15.75	4.80	124.20	99.50	261.72	69.16	13.75	29.04	35.50	17.56		
9	4.50	4.50	17.56	4.65	62.12	108.00	319.34	63.00	13.75	34.30	35.50	11.80		
10	4.50	4.50	17.56	3.90	39.40	113.50	335.68	54.72	13.75	44.80	35.80	8.60		
11	4.50	4.50	17.56	3.75	35.50	118.80	336.54	52.62	13.75	47.20	32.50	7.40		
12	4.50	4.80	17.56	3.90	11.60	124.80	333.96	50.94	13.75	48.00	17.84	6.40		
13	4.80	4.80	17.84	3.90	12.25	147.60	328.80	39.70	13.75	47.20	26.80	6.40		
14	4.80	4.80	17.84	3.90	12.50	155.40	322.78	8.40	14.25	46.00	33.70	6.40		
15	4.80	4.50	17.84	3.90	12.25	160.48	315.90	6.40	14.50	42.00	37.00	6.40		
16	4.80	4.50	17.56	4.35	41.60	161.12	306.44	6.20	14.75	39.40	37.00	6.40		
17	4.80	4.50	17.84	4.80	70.04	161.76	300.42	5.85	15.50	38.80	36.70	6.40		
18	4.80	4.65	17.56	5.25	51.78	160.48	290.96	5.85	17.56	37.60	36.10	6.40		
19	4.80	6.20	18.68	4.50	36.10	161.12	280.64	5.85	18.96	36.70	36.10	6.40		
20	4.80	6.40	18.40	4.20	7.20	160.48	270.32	5.85	22.32	35.80	36.10	6.40		
21	4.50	6.40	17.56	4.35	5.10	139.20	258.56	6.60	26.52	35.80	36.10	6.40		
22	4.50	6.40	13.00	4.50	5.55	107.00	248.48	9.60	27.08	35.80	36.10	6.40		
23	4.50	6.40	10.80	4.35	6.20	93.50	239.12	10.40	27.08	37.00	36.10	6.40		
24	4.50	6.40	10.80	4.20	5.55	88.50	229.04	10.40	27.36	37.00	36.10	6.40		
25	4.50	6.40	10.80	4.05	4.80	85.50	218.96	11.00	28.20	37.00	35.80	6.00		
26	4.50	6.40	10.80	4.05	4.80	84.00	207.44	11.40	28.76	37.00	36.10	5.10		
27	4.50	6.40	11.00	4.05	4.65	82.00	196.64	11.80	28.76	37.00	37.30	5.10		
28	4.50	7.60	10.80	4.05	4.65	81.00	186.72	13.25	28.76	36.40	37.60	5.10		
29	4.50	11.00	10.80	4.05	8.40	88.50	177.76	13.75	29.04	36.10	37.60	5.10		
30	4.50	11.80	10.80	4.20	38.50	90.00	169.44	14.25	29.04	36.10		5.10		
31		11.40		4.05	46.00		163.04		29.04	36.10		5.10		
Total	137.40	184.40	437.36	166.10	855.01	3343.50	7309.74	1517.99	607.23	1131.42	1014.84	388.86	17093.85	CMSDAY
Mean	4.58	5.95	14.58	5.36	27.58	111.45	235.80	50.60	19.59	36.50	34.99	12.54	46.70	CMS
Max	4.80	11.80	18.68	11.00	157.92	161.76	336.54	163.68	29.04	48.00	37.60	39.10	336.54	CMS
Min	4.50	4.50	10.80	3.75	3.90	41.20	86.50	5.85	13.75	29.04	17.84	5.10	3.75	CMS
Runoff	11.87	15.93	37.79	14.35	73.87	288.88	631.56	131.15	52.46	97.75	87.68	33.60	1476.91	MCM
Momentary Peak	337.40		CMS, at 143.90 m. (MSL.), at 11.00 Hours, on Oct 10, 2007											
Runoff Yield	7.79		Liters/Second/Square KM.		Momentary Peak Yield	56.11		Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

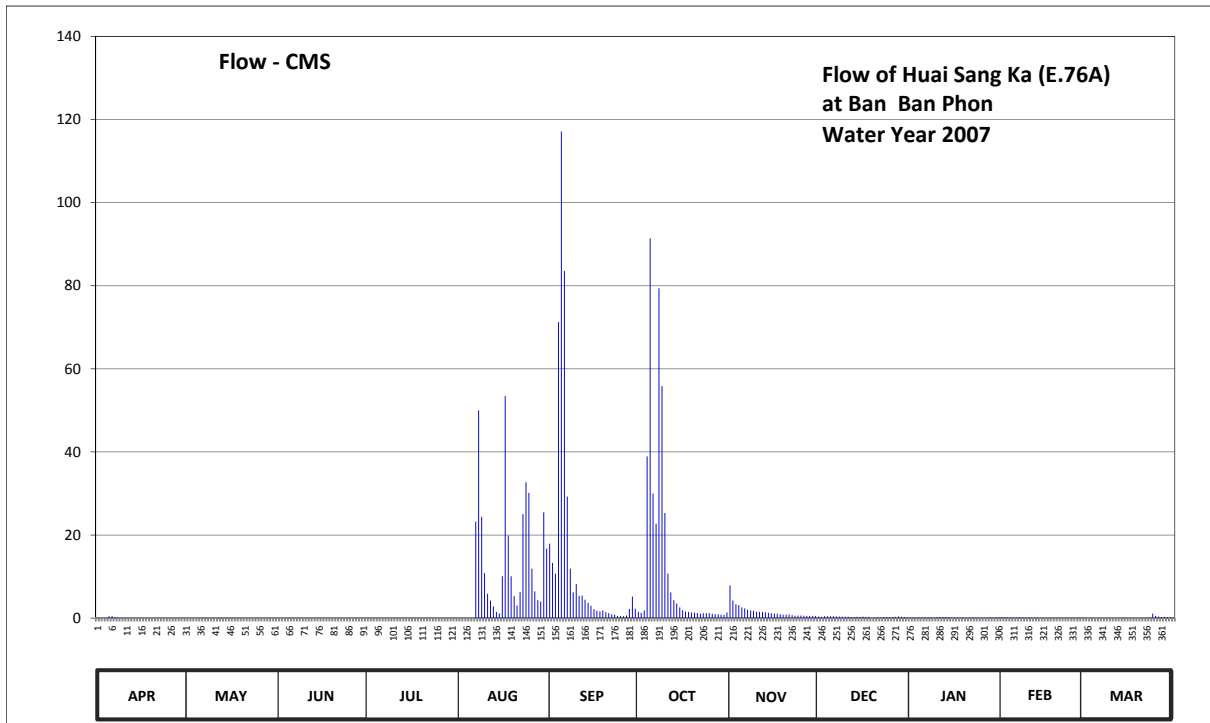
Lat 16 - 51 - 33 N Long 103 - 35 - 53 E

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 +169.500 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 20 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	164.24	164.01	164.20	164.01	164.01	166.73	164.78	165.76	164.39	164.32	164.34	164.25	
2	164.21	164.01	164.20	164.01	164.01	166.33	164.69	165.29	164.37	164.33	164.33	164.24	
3	164.20	164.01	164.20	164.01	164.01	166.07	164.86	165.14	164.42	164.31	164.33	164.23	
4	164.24	164.01	164.23	164.01	164.01	169.69	168.19	165.10	164.42	164.32	164.32	164.22	
5	164.42	164.02	164.29	164.01	164.01	170.98	170.34	165.01	164.42	164.33	164.31	164.19	
6	164.43	164.10	164.28	164.01	164.01	170.11	167.62	164.97	164.42	164.34	164.32	164.13	
7	164.35	164.26	164.25	164.01	167.14	167.57	167.10	164.90	164.41	164.33	164.33	164.12	
8	164.31	164.28	164.22	164.01	168.78	166.19	169.98	164.86	164.40	164.33	164.33	164.13	
9	164.25	164.24	164.20	164.01	167.23	165.56	169.06	164.84	164.38	164.33	164.32	164.14	
10	164.23	164.24	164.14	164.01	166.08	165.80	167.30	164.78	164.38	164.34	164.31	164.15	
11	164.22	164.24	164.04	164.01	165.52	165.45	166.07	164.76	164.38	164.34	164.31	164.17	
12	164.20	164.28	164.01	164.01	165.29	165.46	165.56	164.75	164.36	164.35	164.30	164.17	
13	164.19	164.30	164.01	164.01	165.06	165.32	165.30	164.73	164.36	164.35	164.29	164.21	
14	164.17	164.29	164.01	164.01	164.77	165.20	165.17	164.70	164.37	164.34	164.29	164.31	
15	164.16	164.27	164.01	164.01	164.64	165.08	165.01	164.67	164.37	164.32	164.29	164.26	
16	164.15	164.26	164.01	164.01	166.01	164.93	164.88	164.64	164.38	164.32	164.28	164.21	
17	164.13	164.26	164.01	164.01	168.95	164.84	164.79	164.61	164.37	164.32	164.27	164.21	
18	164.12	164.25	164.01	164.01	166.88	164.80	164.76	164.57	164.37	164.31	164.26	164.22	
19	164.11	164.25	164.01	164.01	166.01	164.86	164.72	164.53	164.28	164.31	164.27	164.25	
20	164.11	164.24	164.01	164.01	165.44	164.74	164.72	164.55	164.31	164.31	164.27	164.27	
21	164.10	164.22	164.01	164.01	165.09	164.67	164.68	164.56	164.33	164.31	164.27	164.26	
22	164.09	164.20	164.01	164.01	165.57	164.58	164.63	164.51	164.31	164.32	164.28	164.26	
23	164.07	164.20	164.01	164.01	167.28	164.55	164.66	164.46	164.36	164.30	164.28	164.32	
24	164.05	164.20	164.01	164.01	167.80	164.45	164.66	164.47	164.34	164.31	164.28	164.63	
25	164.03	164.20	164.01	164.01	167.63	164.43	164.67	164.47	164.35	164.29	164.27	164.45	
26	164.03	164.20	164.01	164.01	166.19	164.42	164.62	164.46	164.36	164.30	164.25	164.39	
27	164.02	164.20	164.01	164.01	165.59	164.47	164.59	164.45	164.37	164.31	164.27	164.36	
28	164.01	164.20	164.01	164.01	165.30	164.94	164.57	164.45	164.39	164.34	164.26	164.37	
29	164.01	164.20	164.01	164.01	165.25	165.43	164.54	164.44	164.37	164.31	164.25	164.35	
30	164.01	164.21	164.01	164.01	167.31	164.95	164.54	164.43	164.35	164.34	164.34	164.33	
31		164.22		164.01	166.64		164.72		164.32	164.33		164.32	
Mean	164.16	164.20	164.08	164.01	165.86	165.75	165.67	164.73	164.37	164.32	164.29	164.26	
Max	164.43	164.30	164.29	164.01	168.95	170.98	170.34	165.76	164.42	164.35	164.34	164.63	170.98
Min	164.01	164.01	164.01	164.01	164.01	164.42	164.54	164.43	164.28	164.29	164.25	164.12	164.01
Annual Max Momentary Gage Height	171.14												at 07.00 Hours, on Sep 5, 2007
Zero Gage at Bottom Elevation	163.90						163.89						m. (MSL.)
Left Bank Elevation		171.37											m. (MSL.)
Right Bank Elevation		169.49											m. (MSL.)
Drainage Area	195												Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.00	0.00	0.00	0.00	17.89	1.54	7.84	0.37	0.16	0.22	0.05	
2	0.01	0.00	0.00	0.00	0.00	13.30	1.27	4.24	0.31	0.19	0.19	0.04	
3	0.00	0.00	0.00	0.00	0.00	10.70	1.84	3.34	0.46	0.13	0.19	0.03	
4	0.04	0.00	0.03	0.00	0.00	71.23	38.93	3.10	0.46	0.16	0.16	0.02	
5	0.46	0.00	0.09	0.00	0.00	117.10	91.40	2.56	0.46	0.19	0.13	0.00	
6	0.49	0.00	0.08	0.00	0.00	83.53	30.00	2.35	0.46	0.22	0.16	0.00	
7	0.25	0.06	0.05	0.00	23.22	29.25	22.70	2.00	0.43	0.19	0.19	0.00	
8	0.13	0.08	0.02	0.00	50.00	11.90	79.42	1.84	0.40	0.19	0.19	0.00	
9	0.05	0.04	0.00	0.00	24.39	6.18	55.82	1.76	0.34	0.19	0.16	0.00	
10	0.03	0.04	0.00	0.00	10.80	8.20	25.30	1.54	0.34	0.22	0.13	0.00	
11	0.02	0.04	0.00	0.00	5.86	5.35	10.70	1.48	0.34	0.22	0.13	0.00	
12	0.00	0.08	0.00	0.00	4.24	5.42	6.18	1.45	0.28	0.25	0.10	0.00	
13	0.00	0.10	0.00	0.00	2.86	4.44	4.30	1.39	0.28	0.25	0.09	0.01	
14	0.00	0.09	0.00	0.00	1.51	3.70	3.52	1.30	0.31	0.22	0.09	0.13	
15	0.00	0.07	0.00	0.00	1.12	2.98	2.56	1.21	0.31	0.16	0.09	0.06	
16	0.00	0.06	0.00	0.00	10.10	2.15	1.92	1.12	0.34	0.16	0.08	0.01	
17	0.00	0.06	0.00	0.00	53.45	1.76	1.57	1.03	0.31	0.16	0.07	0.01	
18	0.00	0.05	0.00	0.00	19.84	1.60	1.48	0.91	0.31	0.13	0.06	0.02	
19	0.00	0.05	0.00	0.00	10.10	1.84	1.36	0.79	0.08	0.13	0.07	0.05	
20	0.00	0.04	0.00	0.00	5.28	1.42	1.36	0.85	0.13	0.13	0.07	0.07	
21	0.00	0.02	0.00	0.00	3.04	1.21	1.24	0.88	0.19	0.13	0.07	0.06	
22	0.00	0.00	0.00	0.00	6.26	0.94	1.09	0.73	0.13	0.16	0.08	0.06	
23	0.00	0.00	0.00	0.00	25.04	0.85	1.18	0.58	0.28	0.10	0.08	0.16	
24	0.00	0.00	0.00	0.00	32.70	0.55	1.18	0.61	0.22	0.13	0.08	1.09	
25	0.00	0.00	0.00	0.00	30.15	0.49	1.21	0.61	0.25	0.09	0.07	0.55	
26	0.00	0.00	0.00	0.00	11.90	0.46	1.06	0.58	0.28	0.10	0.05	0.37	
27	0.00	0.00	0.00	0.00	6.42	0.61	0.97	0.55	0.31	0.13	0.07	0.28	
28	0.00	0.00	0.00	0.00	4.30	2.20	0.91	0.55	0.37	0.22	0.06	0.31	
29	0.00	0.00	0.00	0.00	4.00	5.21	0.82	0.52	0.31	0.13	0.05	0.25	
30	0.00	0.01	0.00	0.00	25.44	2.25	0.82	0.49	0.25	0.22		0.19	
31		0.02		0.00	16.72		1.36		0.16	0.19		0.16	
Total	1.52	0.91	0.27	0.00	388.74	414.71	395.01	48.20	9.47	5.25	3.18	3.98	1271.24 CMSDAY
Mean	0.05	0.03	0.01	0.00	12.54	13.82	12.74	1.61	0.31	0.17	0.11	0.13	3.47 CMS
Max	0.49	0.10	0.09	0.00	53.45	117.10	91.40	7.84	0.46	0.25	0.22	1.09	117.10 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.46	0.82	0.49	0.08	0.09	0.05	0.00	0.00 CMS
Runoff	0.13	0.08	0.02	0.00	33.59	35.83	34.13	4.16	0.82	0.45	0.27	0.34	109.84 MCM
Momentary Peak	124.42	CMS, at 171.14 m. (MSL.), at 07.00 Hours, on Sep 5, 2007											
Runoff Yield	17.86	Liters/Second/Square KM.		Momentary Peak Yield		638.05	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

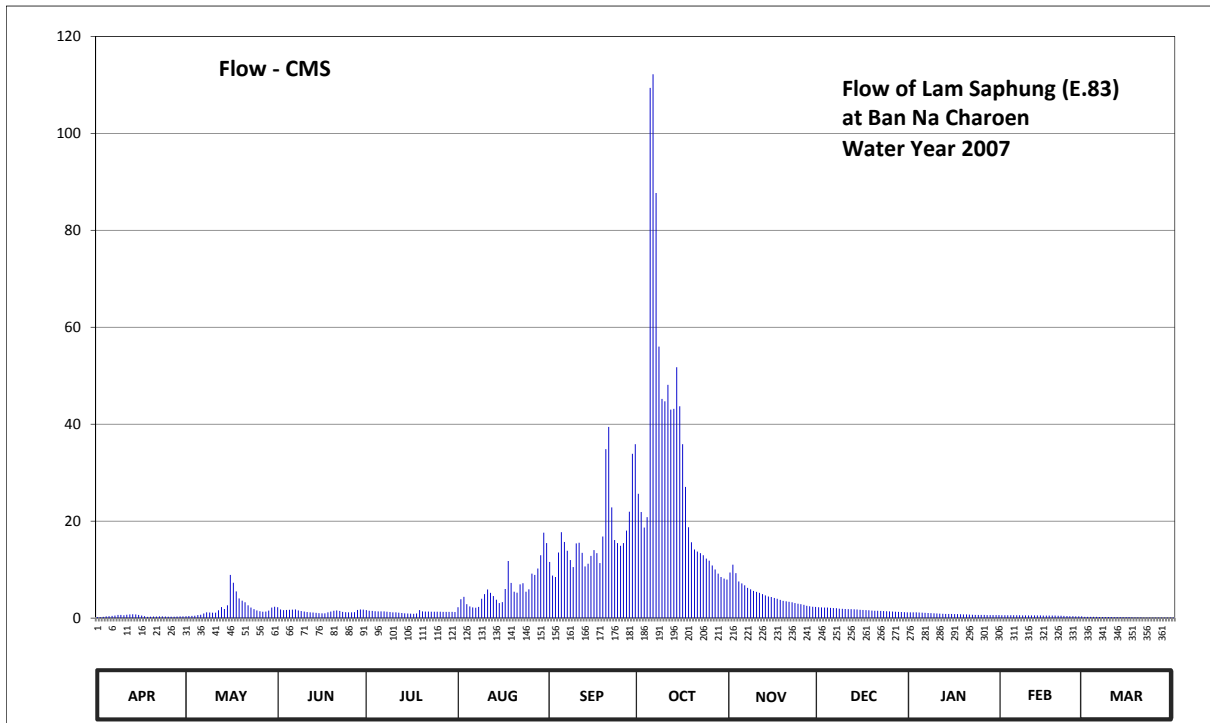
Lat 16 - 09 - 21 N Long 101 - 39 - 13 E

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 fair. Stage-discharge relation defined by 35 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	223.07	223.13	223.75	223.55	223.75	225.51	227.24	225.20	223.75	223.40	223.20	223.09	
2	223.07	223.14	223.59	223.51	224.18	225.11	226.86	225.43	223.74	223.40	223.20	223.09	
3	223.09	223.15	223.55	223.49	224.28	225.07	226.46	225.18	223.73	223.39	223.20	223.09	
4	223.12	223.16	223.56	223.47	223.96	225.79	226.73	224.91	223.72	223.38	223.20	223.09	
5	223.13	223.21	223.57	223.46	223.80	226.34	231.01	224.83	223.70	223.37	223.20	223.09	
6	223.15	223.23	223.58	223.46	223.74	226.09	231.08	224.75	223.69	223.36	223.20	223.08	
7	223.18	223.32	223.59	223.46	223.71	225.84	230.39	224.65	223.68	223.35	223.20	223.08	
8	223.22	223.40	223.53	223.44	223.77	225.57	229.20	224.59	223.65	223.34	223.19	223.08	
9	223.22	223.38	223.48	223.42	224.20	225.36	228.66	224.52	223.64	223.33	223.19	223.08	
10	223.20	223.37	223.45	223.40	224.39	226.05	228.63	224.48	223.63	223.32	223.19	223.08	
11	223.23	223.37	223.42	223.39	224.58	226.07	228.83	224.44	223.62	223.31	223.19	223.07	
12	223.25	223.54	223.40	223.37	224.44	225.78	228.53	224.39	223.61	223.30	223.19	223.07	
13	223.26	223.76	223.38	223.35	224.31	225.38	228.54	224.34	223.60	223.29	223.19	223.07	
14	223.25	223.63	223.36	223.33	224.16	225.46	229.03	224.29	223.59	223.29	223.19	223.06	
15	223.22	223.88	223.34	223.32	224.02	225.69	228.57	224.27	223.57	223.28	223.18	223.06	
16	223.18	225.13	223.33	223.31	224.06	225.86	228.11	224.23	223.56	223.27	223.18	223.06	
17	223.13	224.86	223.33	223.30	224.60	225.77	227.37	224.20	223.55	223.27	223.18	223.05	
18	223.09	224.50	223.40	223.32	225.54	225.48	226.47	224.15	223.54	223.26	223.17	223.04	
19	223.10	224.21	223.45	223.55	224.85	226.23	226.08	224.11	223.52	223.25	223.17	223.04	
20	223.11	224.12	223.51	223.46	224.49	228.05	225.88	224.09	223.51	223.25	223.16	223.04	
21	223.11	224.05	223.53	223.45	224.45	228.32	225.82	224.07	223.50	223.24	223.16	223.03	
22	223.12	223.88	223.49	223.45	224.79	226.98	225.77	224.05	223.49	223.23	223.15	223.03	
23	223.12	223.73	223.43	223.44	224.84	226.14	225.71	224.02	223.48	223.22	223.14	223.03	
24	223.11	223.62	223.41	223.44	224.49	226.06	225.61	223.99	223.47	223.22	223.13	223.03	
25	223.10	223.53	223.40	223.44	224.59	225.99	225.55	223.96	223.46	223.22	223.13	223.03	
26	223.10	223.47	223.39	223.44	225.17	226.06	225.41	223.91	223.45	223.22	223.12	223.03	
27	223.10	223.44	223.41	223.43	225.13	226.38	225.29	223.85	223.44	223.21	223.12	223.03	
28	223.11	223.45	223.56	223.43	225.32	226.87	225.17	223.81	223.43	223.21	223.12	223.03	
29	223.12	223.52	223.59	223.43	225.71	227.99	225.07	223.78	223.42	223.21	223.12	223.03	
30	223.12	223.73	223.58	223.43	226.33	228.11	225.02	223.77	223.41	223.21	223.12	223.03	
31		223.78		223.42	226.06		224.99		223.40	223.21		223.03	
Mean	223.15	223.67	223.48	223.42	224.57	226.18	227.20	224.34	223.57	223.28	223.17	223.06	
Max	223.26	225.13	223.75	223.55	226.33	228.32	231.08	225.43	223.75	223.40	223.20	223.09	231.08
Min	223.07	223.13	223.33	223.30	223.71	225.07	224.99	223.77	223.40	223.21	223.12	223.03	223.03
Annual Max Momentary Gage Height	231.45		m. (MSL.) ,			at 15.00 Hours, on Oct 5, 2007							
Zero Gage at Bottom Elevation	222.75		m. (MSL.) ,			River Bed	222.72	m. (MSL.)					
Left Bank Elevation		235.95		m. (MSL.) ,									
Right Bank Elevation		235.91		m. (MSL.) ,		Drainage Are	744	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.21	0.39	2.25	1.65	2.25	11.57	25.64	9.40	2.25	1.20	0.60	0.27	
2	0.21	0.42	1.77	1.53	3.90	8.77	21.88	11.01	2.22	1.20	0.60	0.27	
3	0.27	0.45	1.65	1.47	4.40	8.49	18.68	9.26	2.19	1.17	0.60	0.27	
4	0.36	0.48	1.68	1.41	2.88	13.53	20.84	7.55	2.16	1.14	0.60	0.27	
5	0.39	0.63	1.71	1.38	2.40	17.72	109.40	7.15	2.10	1.11	0.60	0.27	
6	0.45	0.69	1.74	1.38	2.22	15.72	112.20	6.75	2.07	1.08	0.60	0.24	
7	0.54	0.96	1.77	1.38	2.13	13.88	87.70	6.25	2.04	1.05	0.60	0.24	
8	0.66	1.20	1.59	1.32	2.31	11.99	56.00	5.95	1.95	1.02	0.57	0.24	
9	0.66	1.14	1.44	1.26	4.00	10.52	45.22	5.60	1.92	0.99	0.57	0.24	
10	0.60	1.11	1.35	1.20	4.95	15.40	44.71	5.40	1.89	0.96	0.57	0.24	
11	0.69	1.11	1.26	1.17	5.90	15.56	48.11	5.20	1.86	0.93	0.57	0.21	
12	0.75	1.62	1.20	1.11	5.20	13.46	43.01	4.95	1.83	0.90	0.57	0.21	
13	0.78	2.28	1.14	1.05	4.55	10.66	43.18	4.70	1.80	0.87	0.57	0.21	
14	0.75	1.89	1.08	0.99	3.80	11.22	51.75	4.45	1.77	0.87	0.57	0.18	
15	0.66	2.64	1.02	0.96	3.10	12.83	43.69	4.35	1.71	0.84	0.54	0.18	
16	0.54	8.91	0.99	0.93	3.30	14.02	35.87	4.15	1.68	0.81	0.54	0.18	
17	0.39	7.30	0.99	0.90	6.00	13.39	27.07	4.00	1.65	0.81	0.54	0.15	
18	0.27	5.50	1.20	0.96	11.78	11.36	18.76	3.75	1.62	0.78	0.51	0.12	
19	0.30	4.05	1.35	1.65	7.25	16.84	15.64	3.55	1.56	0.75	0.51	0.12	
20	0.33	3.60	1.53	1.38	5.45	34.85	14.16	3.45	1.53	0.75	0.48	0.12	
21	0.33	3.25	1.59	1.35	5.25	39.44	13.74	3.35	1.50	0.72	0.48	0.09	
22	0.36	2.64	1.47	1.35	6.95	22.84	13.39	3.25	1.47	0.69	0.45	0.09	
23	0.36	2.19	1.29	1.32	7.20	16.12	12.97	3.10	1.44	0.66	0.42	0.09	
24	0.33	1.86	1.23	1.32	5.45	15.48	12.27	2.97	1.41	0.66	0.39	0.09	
25	0.30	1.59	1.20	1.32	5.95	14.93	11.85	2.88	1.38	0.66	0.39	0.09	
26	0.30	1.41	1.17	1.32	9.19	15.48	10.87	2.73	1.35	0.66	0.36	0.09	
27	0.30	1.32	1.23	1.29	8.91	18.04	10.03	2.55	1.32	0.63	0.36	0.09	
28	0.33	1.35	1.68	1.29	10.24	21.96	9.19	2.43	1.29	0.63	0.36	0.09	
29	0.36	1.56	1.77	1.29	12.97	33.89	8.49	2.34	1.26	0.63	0.36	0.09	
30	0.36	2.19	1.74	1.29	17.64	35.87	8.14	2.31	1.23	0.63	0.36	0.09	
31		2.34		1.26	15.48		7.95		1.20	0.63		0.09	
Total	13.14	68.07	43.08	39.48	193.00	515.83	1002.40	144.78	52.65	26.43	14.88	5.22	2118.96 CMSDAY
Mean	0.44	2.20	1.44	1.27	6.23	17.19	32.34	4.83	1.70	0.85	0.51	0.17	5.79 CMS
Max	0.78	8.91	2.25	1.65	17.64	39.44	112.20	11.01	2.25	1.20	0.60	0.27	112.20 CMS
Min	0.21	0.39	0.99	0.90	2.13	8.49	7.95	2.31	1.20	0.63	0.36	0.09	0.09 CMS
Runoff	1.14	5.88	3.72	3.41	16.68	44.57	86.61	12.51	4.55	2.28	1.29	0.45	183.08 MCM
Momentary Peak		127.50			CMS, at 231.45 m. (MSL.), at 15.00 Hours, on Oct 5, 2007								
Runoff Yield		7.80			Liters/Second/Square KM.			Momentary Peak Yield 171.37					Liters/Second/Square KM.

WATER YEAR : 2007

CHI RIVER BASIN

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

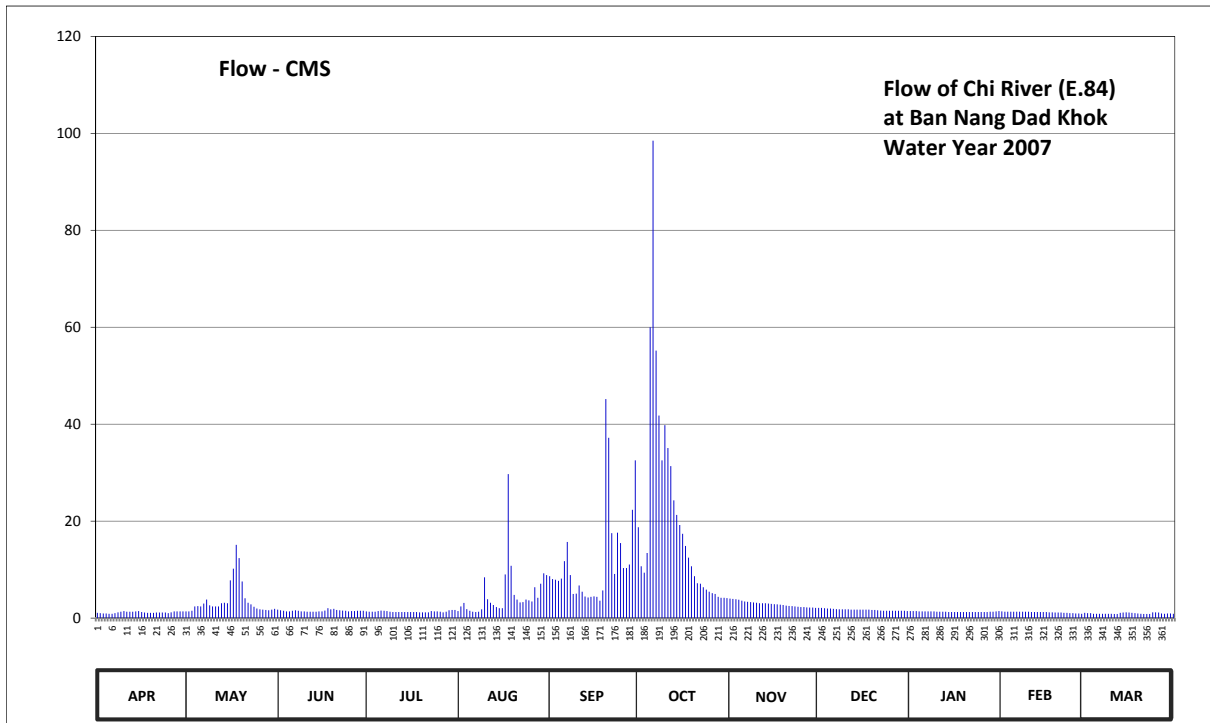
Lat 16 - 09 - 08 N Long 101 - 35 - 07 E

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 37 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	239.18	239.23	239.29	239.23	239.24	240.22	241.05	239.67	239.35	239.24	239.23	239.18	
2	239.17	239.23	239.27	239.22	239.40	240.17	240.39	239.66	239.35	239.24	239.22	239.17	
3	239.16	239.25	239.25	239.22	239.52	240.16	240.28	239.65	239.34	239.24	239.22	239.17	
4	239.16	239.40	239.23	239.22	239.31	240.14	240.62	239.63	239.33	239.23	239.22	239.15	
5	239.15	239.41	239.23	239.24	239.25	240.18	242.95	239.60	239.33	239.23	239.22	239.15	
6	239.15	239.40	239.25	239.26	239.22	240.48	243.39	239.57	239.32	239.23	239.22	239.15	
7	239.17	239.50	239.27	239.25	239.21	240.81	242.91	239.56	239.31	239.23	239.22	239.15	
8	239.20	239.64	239.25	239.24	239.22	240.24	242.49	239.55	239.30	239.23	239.22	239.15	
9	239.22	239.44	239.23	239.22	239.30	239.83	241.97	239.54	239.30	239.23	239.22	239.15	
10	239.24	239.40	239.23	239.21	240.20	239.84	242.39	239.53	239.30	239.22	239.22	239.15	
11	239.22	239.40	239.22	239.21	239.65	240.06	242.14	239.51	239.30	239.22	239.21	239.14	
12	239.22	239.40	239.22	239.21	239.53	239.91	241.89	239.51	239.29	239.22	239.21	239.14	
13	239.22	239.51	239.22	239.21	239.45	239.74	241.42	239.51	239.29	239.22	239.21	239.18	
14	239.23	239.53	239.22	239.21	239.38	239.71	241.22	239.50	239.29	239.21	239.21	239.19	
15	239.24	239.51	239.23	239.21	239.34	239.73	241.08	239.49	239.29	239.21	239.21	239.20	
16	239.21	240.15	239.23	239.21	239.34	239.75	240.95	239.48	239.29	239.21	239.21	239.19	
17	239.19	240.35	239.26	239.21	240.25	239.73	240.74	239.47	239.29	239.21	239.20	239.18	
18	239.18	240.76	239.34	239.21	241.78	239.60	240.54	239.46	239.29	239.21	239.20	239.17	
19	239.18	240.53	239.30	239.20	240.40	239.95	240.39	239.45	239.28	239.21	239.19	239.16	
20	239.18	240.13	239.32	239.20	239.80	242.64	240.22	239.43	239.28	239.21	239.19	239.15	
21	239.19	239.68	239.28	239.20	239.64	242.26	240.10	239.42	239.27	239.21	239.19	239.14	
22	239.19	239.53	239.27	239.20	239.54	240.96	240.09	239.41	239.26	239.21	239.18	239.14	
23	239.19	239.47	239.26	239.24	239.55	240.26	240.03	239.40	239.25	239.21	239.18	239.14	
24	239.19	239.39	239.25	239.23	239.64	240.97	239.98	239.39	239.25	239.21	239.17	239.20	
25	239.17	239.33	239.23	239.23	239.61	240.79	239.91	239.38	239.25	239.21	239.17	239.20	
26	239.20	239.30	239.24	239.22	239.57	240.36	239.86	239.38	239.25	239.21	239.16	239.19	
27	239.23	239.29	239.24	239.20	240.03	240.36	239.83	239.37	239.25	239.21	239.16	239.16	
28	239.23	239.28	239.25	239.22	239.70	240.42	239.73	239.36	239.25	239.22	239.15	239.15	
29	239.23	239.27	239.25	239.27	240.09	241.29	239.70	239.36	239.25	239.22	239.15	239.16	
30	239.23	239.29	239.25	239.28	240.27	241.97	239.70	239.35	239.25	239.23	239.14	239.16	
31		239.32		239.28	240.24		239.69		239.24	239.24		239.15	
Mean	239.20	239.56	239.25	239.22	239.70	240.42	240.89	239.49	239.29	239.22	239.20	239.16	
Max	239.24	240.76	239.34	239.28	241.78	242.64	243.39	239.67	239.35	239.24	239.23	239.20	243.39
Min	239.15	239.23	239.22	239.20	239.21	239.60	239.69	239.35	239.24	239.21	239.15	239.14	239.14
Annual Max Momentary Gage Height	243.45		m. (MSL.) ,				at 08.00 Hours, on	Oct 6, 2007					
Zero Gage at Bottom Elevation	237.65		m. (MSL.) ,			River Bed	238.35	m. (MSL.)					
Left Bank Elevation		246.45		m. (MSL.) ,									
Right Bank Elevation		246.45		m. (MSL.) ,		Drainage Are	508	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.08	1.38	1.74	1.38	1.44	8.64	18.75	4.02	2.10	1.44	1.38	1.08	
2	1.02	1.38	1.62	1.32	2.40	8.04	10.68	3.96	2.10	1.44	1.32	1.02	
3	0.96	1.50	1.50	1.32	3.12	7.92	9.36	3.90	2.04	1.44	1.32	1.02	
4	0.96	2.40	1.38	1.32	1.86	7.68	13.44	3.78	1.98	1.38	1.32	0.90	
5	0.90	2.46	1.38	1.44	1.50	8.16	60.00	3.60	1.98	1.38	1.32	0.90	
6	0.90	2.40	1.50	1.56	1.32	11.76	98.50	3.42	1.92	1.38	1.32	0.90	
7	1.02	3.00	1.62	1.50	1.26	15.72	55.20	3.36	1.86	1.38	1.32	0.90	
8	1.20	3.84	1.50	1.44	1.32	8.88	41.80	3.30	1.80	1.38	1.32	0.90	
9	1.32	2.64	1.38	1.32	1.80	4.98	32.55	3.24	1.80	1.38	1.32	0.90	
10	1.44	2.40	1.38	1.26	8.40	5.04	39.80	3.18	1.80	1.32	1.32	0.90	
11	1.32	2.40	1.32	1.26	3.90	6.72	35.10	3.06	1.80	1.32	1.26	0.84	
12	1.32	2.40	1.32	1.26	3.18	5.46	31.35	3.06	1.74	1.32	1.26	0.84	
13	1.32	3.06	1.32	1.26	2.70	4.44	24.30	3.06	1.74	1.32	1.26	1.08	
14	1.38	3.18	1.32	1.26	2.28	4.26	21.30	3.00	1.74	1.26	1.26	1.14	
15	1.44	3.06	1.38	1.26	2.04	4.38	19.20	2.94	1.74	1.26	1.26	1.20	
16	1.26	7.80	1.38	1.26	2.04	4.50	17.40	2.88	1.74	1.26	1.26	1.14	
17	1.14	10.20	1.56	1.26	9.00	4.38	14.88	2.82	1.74	1.26	1.20	1.08	
18	1.08	15.12	2.04	1.26	29.70	3.60	12.48	2.76	1.74	1.26	1.20	1.02	
19	1.08	12.36	1.80	1.20	10.80	5.70	10.68	2.70	1.68	1.26	1.14	0.96	
20	1.08	7.56	1.92	1.20	4.80	45.20	8.64	2.58	1.68	1.26	1.14	0.90	
21	1.14	4.08	1.68	1.20	3.84	37.20	7.20	2.52	1.62	1.26	1.14	0.84	
22	1.14	3.18	1.62	1.20	3.24	17.52	7.08	2.46	1.56	1.26	1.08	0.84	
23	1.14	2.82	1.56	1.44	3.30	9.12	6.36	2.40	1.50	1.26	1.08	0.84	
24	1.14	2.34	1.50	1.38	3.84	17.64	5.88	2.34	1.50	1.26	1.02	1.20	
25	1.02	1.98	1.38	1.38	3.66	15.48	5.46	2.28	1.50	1.26	1.02	1.20	
26	1.20	1.80	1.44	1.32	3.42	10.32	5.16	2.28	1.50	1.26	0.96	1.14	
27	1.38	1.74	1.44	1.20	6.36	10.32	4.98	2.22	1.50	1.26	0.96	0.96	
28	1.38	1.68	1.50	1.32	4.20	11.04	4.38	2.16	1.50	1.32	0.90	0.90	
29	1.38	1.62	1.50	1.62	7.08	22.35	4.20	2.16	1.50	1.32	0.90	0.96	
30	1.38	1.74	1.50	1.68	9.24	32.55	4.20	2.10	1.50	1.38		0.96	
31		1.92		1.68	8.88		4.14		1.44	1.44		0.90	
Total	35.52	115.44	45.48	41.76	151.92	359.00	634.45	87.54	53.34	40.98	34.56	30.36	1630.35 CMSDAY
Mean	1.18	3.72	1.52	1.35	4.90	11.97	20.47	2.92	1.72	1.32	1.19	0.98	4.45 CMS
Max	1.44	15.12	2.04	1.68	29.70	45.20	98.50	4.02	2.10	1.44	1.38	1.20	98.50 CMS
Min	0.90	1.38	1.32	1.20	1.26	3.60	4.14	2.10	1.44	1.26	0.90	0.84	0.84 CMS
Runoff	3.07	9.97	3.93	3.61	13.13	31.02	54.82	7.56	4.61	3.54	2.99	2.62	140.86 MCM
Momentary Peak		107.50											CMS, at 243.45 m. (MSL.), at 08.00 Hours, on Oct 6, 2007
Runoff Yield		8.79											Liters/Second/Square KM. Momentary Peak Yield 211.61 Liters/Second/Square KM.

WATER YEAR : 2007

CHI RIVER BASIN

Lam Nam Choen at Ban Non Han , Khon Kaen (E.85)

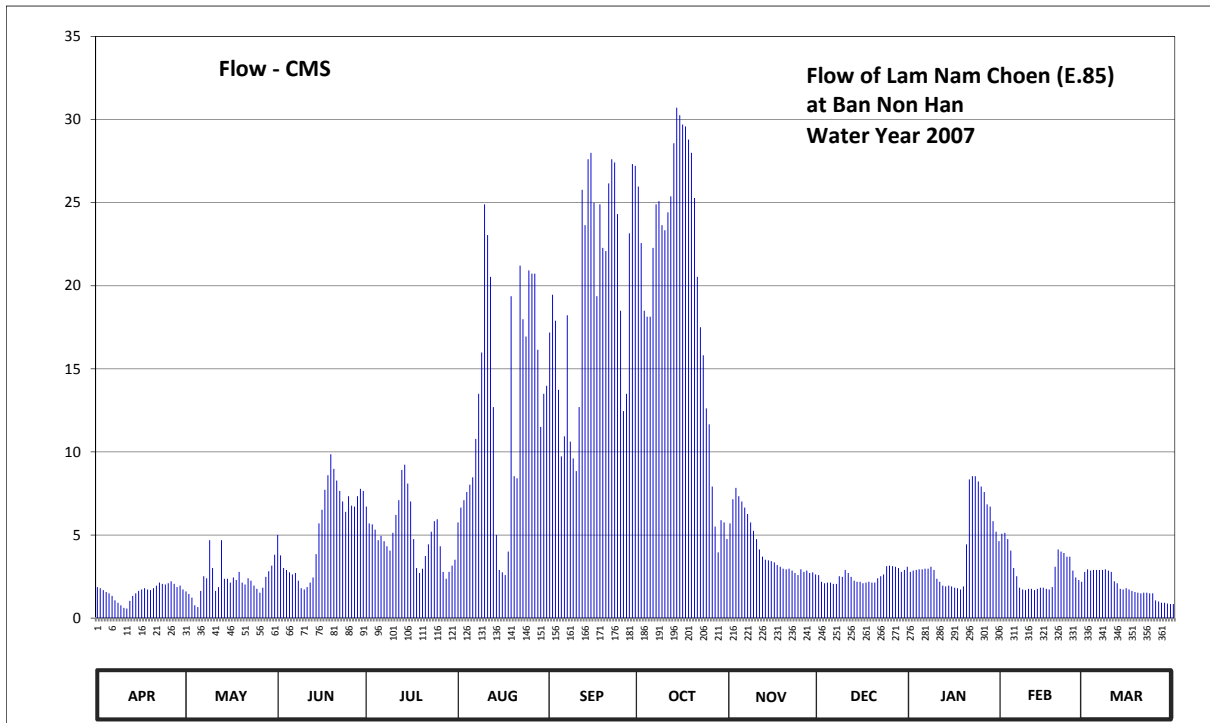
Lat 16 - 35 - 28 N Long 101 - 59 - 02 E

Location : on left bank at Ban Non Han.

	Ban Non Han	Amphoe Chum Pae	Changwat Khon Kaen
Drainage Area	1,218 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+224.840 m. (MSL.)		
Bench Mark	B.M.- Highways Dept.		
Location BM	On left bank downstream at the footpath of the bridge.	Elevation	+235.165 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 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	226.44	226.37	227.16	227.43	227.28	228.86	229.79	227.27	226.63	226.68	227.17	226.68	
2	226.42	226.33	226.94	227.27	227.42	229.12	229.44	227.50	226.52	226.70	227.18	226.72	
3	226.39	226.27	226.74	227.26	227.49	228.95	229.02	227.61	226.50	226.71	227.12	226.70	
4	226.36	226.15	226.71	227.21	227.57	228.43	228.98	227.53	226.51	226.72	227.01	226.71	
5	226.34	226.12	226.67	227.11	227.64	227.91	228.98	227.48	226.51	226.72	226.74	226.71	
6	226.30	226.38	226.64	227.15	227.71	228.08	229.41	227.42	226.49	226.73	226.61	226.71	
7	226.23	226.61	226.66	227.10	228.06	228.99	229.68	227.36	226.49	226.73	226.43	226.71	
8	226.19	226.58	226.54	227.05	228.40	228.04	229.70	227.28	226.61	226.76	226.40	226.72	
9	226.15	227.11	226.42	227.01	228.71	227.89	229.55	227.20	226.60	226.71	226.39	226.70	
10	226.11	226.74	226.40	227.18	229.68	227.77	229.52	227.12	226.71	226.57	226.41	226.68	
11	226.10	226.38	226.44	227.35	229.49	228.30	229.63	227.02	226.66	226.52	226.41	226.53	
12	226.22	226.44	226.51	227.49	229.23	229.77	229.73	226.92	226.60	226.46	226.39	226.50	
13	226.30	227.11	226.59	227.78	228.30	229.55	230.05	226.87	226.54	226.45	226.41	226.41	
14	226.34	226.57	226.96	227.83	227.16	229.96	230.24	226.86	226.52	226.46	226.43	226.40	
15	226.38	226.57	227.27	227.65	226.71	230.00	230.20	226.85	226.52	226.45	226.43	226.42	
16	226.40	226.51	227.40	227.48	226.67	229.69	230.15	226.83	226.50	226.43	226.41	226.40	
17	226.42	226.59	227.59	227.12	226.63	229.11	230.14	226.79	226.51	226.42	226.40	226.38	
18	226.40	226.55	227.73	226.74	227.00	229.68	230.07	226.76	226.52	226.40	226.44	226.36	
19	226.39	226.68	227.93	226.66	229.11	229.41	230.00	226.73	226.51	226.45	226.76	226.35	
20	226.42	226.51	227.79	226.73	227.72	229.39	229.72	226.72	226.51	227.07	227.02	226.34	
21	226.46	226.48	227.68	226.93	227.70	229.81	229.23	226.73	226.58	227.69	227.00	226.35	
22	226.51	226.58	227.58	227.07	229.30	229.96	228.90	226.70	226.61	227.72	226.98	226.35	
23	226.49	226.54	227.48	227.19	228.96	229.94	228.69	226.66	226.64	227.72	226.92	226.34	
24	226.48	226.46	227.38	227.29	228.83	229.62	228.29	226.63	226.77	227.67	226.92	226.34	
25	226.50	226.41	227.53	227.31	229.27	229.02	228.17	226.72	226.78	227.62	226.70	226.23	
26	226.53	226.35	227.44	227.05	229.25	228.27	227.62	226.68	226.77	227.57	226.59	226.21	
27	226.49	226.43	227.43	226.68	229.25	228.40	227.24	226.70	226.76	227.45	226.55	226.19	
28	226.44	226.60	227.53	226.57	228.73	229.50	226.99	226.66	226.74	227.43	226.52	226.19	
29	226.46	226.69	227.60	226.68	228.15	229.93	227.30	226.67	226.68	227.29	226.51	226.18	
30	226.40	226.78	227.58	226.78	228.40	229.92	227.28	226.64	226.71	227.19	227.19	226.17	
31		226.95		226.87	228.46		227.12		226.76	227.10		226.17	
Mean	226.37	226.54	227.14	227.13	228.20	229.11	229.06	226.96	226.61	226.92	226.66	226.45	
Max	226.53	227.11	227.93	227.83	229.68	230.00	230.24	227.61	226.78	227.72	227.18	226.72	230.24
Min	226.10	226.12	226.40	226.57	226.63	227.77	226.99	226.63	226.49	226.40	226.39	226.17	226.10
Annual Max Momentary Gage Height	230.27		m. (MSL.) ,			at 14.00 Hours, on Oct 14, 2007							
Zero Gage at Bottom Elevation	224.84		m. (MSL.) ,			River Bed	225.36	m. (MSL.)					
Left Bank Elevation		235.00		m. (MSL.) ,									
Right Bank Elevation		234.79		m. (MSL.) ,		Drainage Are	1,218	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.87	1.61	5.01	6.71	5.76	17.18	25.96	5.70	2.59	2.78	5.07	2.78	
2	1.80	1.45	3.77	5.70	6.65	19.46	22.57	7.15	2.18	2.86	5.13	2.94	
3	1.68	1.23	3.01	5.64	7.09	17.90	18.49	7.84	2.10	2.90	4.76	2.86	
4	1.57	0.77	2.90	5.32	7.59	13.74	18.14	7.34	2.14	2.94	4.06	2.90	
5	1.49	0.66	2.75	4.69	8.03	9.73	18.14	7.02	2.14	2.94	3.01	2.90	
6	1.34	1.64	2.63	4.95	8.47	10.94	22.28	6.65	2.06	2.97	2.52	2.90	
7	1.07	2.52	2.71	4.63	10.78	18.22	24.90	6.27	2.06	2.97	1.83	2.90	
8	0.92	2.40	2.25	4.32	13.50	10.62	25.09	5.76	2.52	3.09	1.72	2.94	
9	0.77	4.69	1.80	4.06	15.98	9.61	23.64	5.26	2.48	2.90	1.68	2.86	
10	0.62	3.01	1.72	5.13	24.90	8.85	23.34	4.76	2.90	2.37	1.76	2.78	
11	0.58	1.64	1.87	6.21	23.05	12.70	24.41	4.13	2.71	2.18	1.76	2.21	
12	1.04	1.87	2.14	7.09	20.53	25.77	25.38	3.70	2.48	1.95	1.68	2.10	
13	1.34	4.69	2.44	8.91	12.70	23.64	28.57	3.51	2.25	1.91	1.76	1.76	
14	1.49	2.37	3.85	9.23	5.01	27.61	30.71	3.47	2.18	1.95	1.83	1.72	
15	1.64	2.37	5.70	8.10	2.90	28.00	30.26	3.43	2.18	1.91	1.83	1.80	
16	1.72	2.14	6.52	7.02	2.75	24.99	29.70	3.35	2.10	1.83	1.76	1.72	
17	1.80	2.44	7.72	4.76	2.59	19.37	29.58	3.20	2.14	1.80	1.72	1.64	
18	1.72	2.29	8.60	3.01	4.00	24.90	28.79	3.09	2.18	1.72	1.87	1.57	
19	1.68	2.78	9.86	2.71	19.37	22.28	28.00	2.97	2.14	1.91	3.09	1.53	
20	1.80	2.14	8.98	2.97	8.54	22.08	25.28	2.94	2.14	4.44	4.13	1.49	
21	1.95	2.02	8.28	3.73	8.41	26.16	20.53	2.97	2.40	8.35	4.00	1.53	
22	2.14	2.40	7.65	4.44	21.21	27.61	17.50	2.86	2.52	8.54	3.92	1.53	
23	2.06	2.25	7.02	5.20	17.98	27.42	15.82	2.71	2.63	8.54	3.70	1.49	
24	2.02	1.95	6.39	5.83	16.94	24.31	12.62	2.59	3.13	8.22	3.70	1.49	
25	2.10	1.76	7.34	5.95	20.92	18.49	11.66	2.94	3.16	7.91	2.86	1.07	
26	2.21	1.53	6.77	4.32	20.73	12.46	7.91	2.78	3.13	7.59	2.44	1.00	
27	2.06	1.83	6.71	2.78	20.73	13.50	5.51	2.86	3.09	6.84	2.29	0.92	
28	1.87	2.48	7.34	2.37	16.14	23.15	3.96	2.71	3.01	6.71	2.18	0.92	
29	1.95	2.82	7.78	2.78	11.50	27.32	5.89	2.75	2.78	5.83	2.14	0.88	
30	1.72	3.16	7.65	3.16	13.50	27.22	5.76	2.63	2.90	5.20		0.85	
31		3.81		3.51	13.98		4.76		3.09	4.63		0.85	
Total	48.02	70.72	159.16	155.23	392.23	595.23	615.15	125.34	77.51	128.68	80.20	58.83	2506.30 CMSDAY
Mean	1.60	2.28	5.31	5.01	12.65	19.84	19.84	4.18	2.50	4.15	2.77	1.90	6.85 CMS
Max	2.21	4.69	9.86	9.23	24.90	28.00	30.71	7.84	3.16	8.54	5.13	2.94	30.71 CMS
Min	0.58	0.66	1.72	2.37	2.59	8.85	3.96	2.59	2.06	1.72	1.68	0.85	0.58 CMS
Runoff	4.15	6.11	13.75	13.41	33.89	51.43	53.15	10.83	6.70	11.12	6.93	5.08	216.54 MCM
Momentary Peak	31.05	CMS, at 230.27 m. (MSL.), at 14.00 Hours, on Oct 14, 2007											
Runoff Yield	5.64	Liters/Second/Square KM.		Momentary Peak Yield		25.49	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

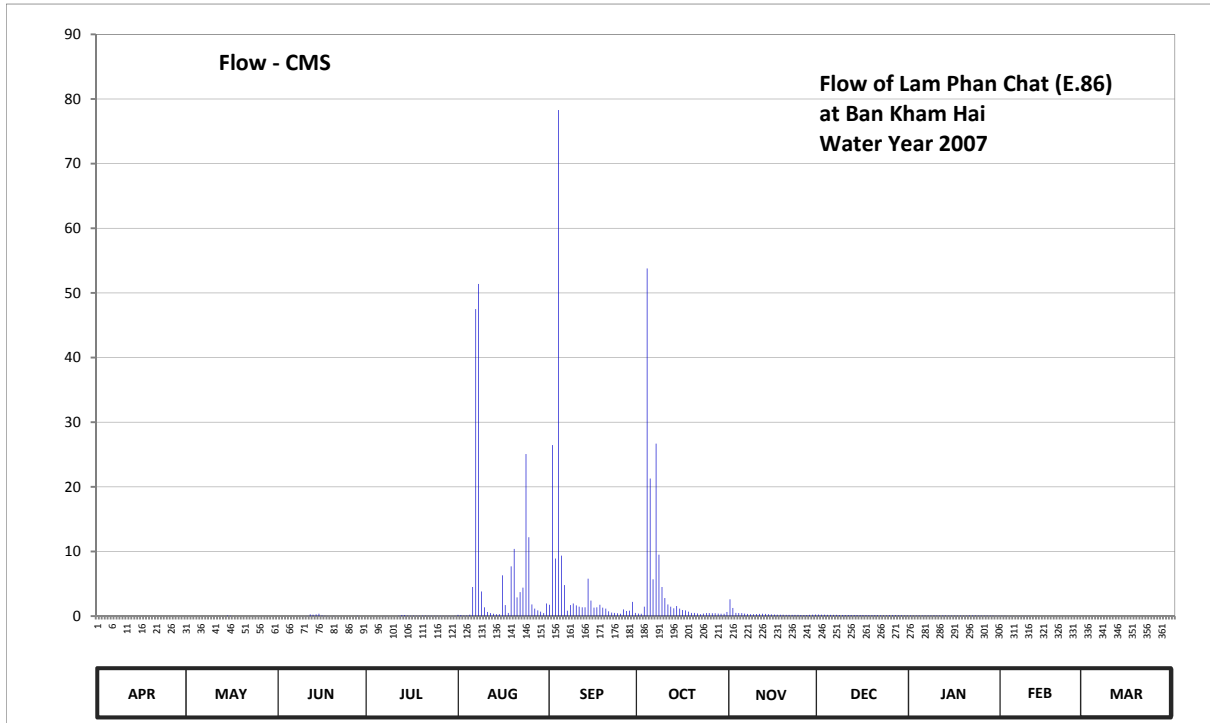
Lat 17 - 05 - 29 N Long 103 - 34 - 16 E

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 means 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 26 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	204.40	204.40	204.40	204.40	204.55	204.95	204.65	205.06	204.57	204.49	204.45	204.30	
2	204.40	204.40	204.40	204.40	204.53	206.62	204.63	204.85	204.56	204.50	204.44	204.30	
3	204.40	204.40	204.40	204.40	204.50	205.66	204.89	204.70	204.56	204.50	204.43	204.30	
4	204.40	204.40	204.40	204.40	204.50	208.32	207.61	204.68	204.55	204.50	204.43	204.29	
5	204.40	204.40	204.40	204.40	204.56	205.69	206.39	204.68	204.55	204.49	204.43	204.29	
6	204.40	204.40	204.40	204.40	205.25	205.28	205.37	204.65	204.55	204.49	204.42	204.28	
7	204.40	204.40	204.40	204.43	207.40	204.77	206.63	204.62	204.55	204.50	204.42	204.28	
8	204.40	204.40	204.40	204.42	207.53	204.94	205.70	204.60	204.54	204.50	204.42	204.27	
9	204.40	204.40	204.40	204.41	205.18	204.99	205.25	204.60	204.54	204.51	204.42	204.27	
10	204.40	204.40	204.40	204.40	204.87	204.93	205.08	204.61	204.54	204.50	204.42	204.27	
11	204.40	204.40	204.42	204.40	204.73	204.89	204.96	204.62	204.54	204.49	204.41	204.26	
12	204.40	204.40	204.58	204.44	204.69	204.87	204.89	204.63	204.54	204.49	204.41	204.26	
13	204.40	204.40	204.56	204.53	204.63	204.87	204.84	204.62	204.53	204.49	204.41	204.25	
14	204.40	204.41	204.58	204.53	204.60	205.38	204.91	204.60	204.53	204.48	204.41	204.25	
15	204.40	204.50	204.63	204.48	204.60	205.04	204.83	204.58	204.53	204.48	204.41	204.25	
16	204.40	204.45	204.49	204.46	205.43	204.86	204.79	204.57	204.53	204.47	204.40	204.25	
17	204.40	204.40	204.45	204.48	204.94	204.87	204.78	204.56	204.53	204.47	204.40	204.24	
18	204.40	204.40	204.43	204.45	204.70	204.95	204.74	204.56	204.52	204.47	204.40	204.24	
19	204.40	204.40	204.40	204.44	205.57	204.86	204.70	204.56	204.52	204.48	204.40	204.23	
20	204.40	204.40	204.42	204.48	205.76	204.83	204.70	204.55	204.52	204.48	204.40	204.23	
21	204.40	204.40	204.40	204.47	205.09	204.75	204.66	204.55	204.52	204.49	204.39	204.22	
22	204.40	204.40	204.40	204.46	205.17	204.71	204.60	204.55	204.51	204.49	204.39	204.22	
23	204.40	204.40	204.40	204.46	205.24	204.70	204.65	204.55	204.51	204.49	204.37	204.22	
24	204.40	204.40	204.40	204.46	206.56	204.67	204.68	204.55	204.51	204.48	204.36	204.21	
25	204.40	204.40	204.40	204.46	205.88	204.64	204.69	204.54	204.52	204.48	204.34	204.21	
26	204.40	204.40	204.40	204.46	204.96	204.81	204.67	204.53	204.52	204.48	204.32	204.21	
27	204.40	204.40	204.40	204.46	204.83	204.76	204.67	204.54	204.52	204.47	204.32	204.20	
28	204.40	204.40	204.45	204.46	204.78	204.77	204.65	204.55	204.51	204.47	204.31	204.20	
29	204.40	204.40	204.40	204.44	204.74	205.02	204.64	204.56	204.51	204.47	204.30	204.20	
30	204.40	204.40	204.40	204.43	204.68	204.70	204.64	204.57	204.50	204.46	204.46	204.20	
31		204.40		204.44	204.99		204.73		204.50	204.46		204.20	
Mean	204.40	204.41	204.43	204.44	205.14	205.10	205.02	204.61	204.53	204.48	204.39	204.25	
Max	204.40	204.50	204.63	204.53	207.53	208.32	207.61	205.06	204.57	204.51	204.45	204.30	208.32
Min	204.40	204.40	204.40	204.40	204.50	204.64	204.60	204.53	204.50	204.46	204.30	204.20	204.20
Annual Max Momentary Gage Height	209.47	m. (MSL.) ,		at 12.00 Hours, on Sep 4, 2007									
Zero Gage at Bottom Elevation	204.20	m. (MSL.) ,		River Bed 204.38 m. (MSL)									
Left Bank Elevation	213.33	m. (MSL.) ,											
Right Bank Elevation	213.10	m. (MSL.) ,		Drainage Are		93	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	1.75	0.40	2.60	0.24	0.09	0.05	0.00	
2	0.00	0.00	0.00	0.00	0.16	26.46	0.36	1.25	0.22	0.10	0.04	0.00	
3	0.00	0.00	0.00	0.00	0.10	8.90	1.45	0.50	0.22	0.10	0.03	0.00	
4	0.00	0.00	0.00	0.00	0.10	78.30	53.80	0.46	0.20	0.10	0.03	0.00	
5	0.00	0.00	0.00	0.00	0.22	9.35	21.30	0.46	0.20	0.09	0.03	0.00	
6	0.00	0.00	0.00	0.00	4.50	4.80	5.70	0.40	0.20	0.09	0.02	0.00	
7	0.00	0.00	0.00	0.03	47.50	0.85	26.69	0.34	0.20	0.10	0.02	0.00	
8	0.00	0.00	0.00	0.02	51.40	1.70	9.50	0.30	0.18	0.10	0.02	0.00	
9	0.00	0.00	0.00	0.01	3.80	1.95	4.50	0.30	0.18	0.12	0.02	0.00	
10	0.00	0.00	0.00	0.00	1.35	1.65	2.80	0.32	0.18	0.10	0.02	0.00	
11	0.00	0.00	0.02	0.00	0.65	1.45	1.80	0.34	0.18	0.09	0.01	0.00	
12	0.00	0.00	0.26	0.04	0.48	1.35	1.45	0.36	0.18	0.09	0.01	0.00	
13	0.00	0.00	0.22	0.16	0.36	1.35	1.20	0.34	0.16	0.09	0.01	0.00	
14	0.00	0.01	0.26	0.16	0.30	5.80	1.55	0.30	0.16	0.08	0.01	0.00	
15	0.00	0.10	0.36	0.08	0.30	2.40	1.15	0.26	0.16	0.08	0.01	0.00	
16	0.00	0.05	0.09	0.06	6.30	1.30	0.95	0.24	0.16	0.07	0.00	0.00	
17	0.00	0.00	0.05	0.08	1.70	1.35	0.90	0.22	0.16	0.07	0.00	0.00	
18	0.00	0.00	0.03	0.05	0.50	1.75	0.70	0.22	0.14	0.07	0.00	0.00	
19	0.00	0.00	0.00	0.04	7.70	1.30	0.50	0.22	0.14	0.08	0.00	0.00	
20	0.00	0.00	0.02	0.08	10.40	1.15	0.50	0.20	0.14	0.08	0.00	0.00	
21	0.00	0.00	0.00	0.07	2.90	0.75	0.42	0.20	0.14	0.09	0.00	0.00	
22	0.00	0.00	0.00	0.06	3.70	0.55	0.30	0.20	0.12	0.09	0.00	0.00	
23	0.00	0.00	0.00	0.06	4.40	0.50	0.40	0.20	0.12	0.09	0.00	0.00	
24	0.00	0.00	0.00	0.06	25.08	0.44	0.46	0.20	0.12	0.08	0.00	0.00	
25	0.00	0.00	0.00	0.06	12.20	0.38	0.48	0.18	0.14	0.08	0.00	0.00	
26	0.00	0.00	0.00	0.06	1.80	1.05	0.44	0.16	0.14	0.08	0.00	0.00	
27	0.00	0.00	0.00	0.06	1.15	0.80	0.44	0.18	0.14	0.07	0.00	0.00	
28	0.00	0.00	0.05	0.06	0.90	0.85	0.40	0.20	0.12	0.07	0.00	0.00	
29	0.00	0.00	0.00	0.04	0.70	2.20	0.38	0.22	0.12	0.07	0.00	0.00	
30	0.00	0.00	0.00	0.03	0.46	0.50	0.38	0.24	0.10	0.06	0.00	0.00	
31	0.00	0.00	0.00	0.04	1.95	0.65	0.65	0.10	0.10	0.06	0.00	0.00	
Total	0.00	0.16	1.36	1.41	193.26	162.93	141.95	11.61	4.96	2.63	0.33	0.00	520.60 CMSDAY
Mean	0.00	0.01	0.05	0.05	6.23	5.43	4.58	0.39	0.16	0.08	0.01	0.00	1.42 CMS
Max	0.00	0.10	0.36	0.16	51.40	78.30	53.80	2.60	0.24	0.12	0.05	0.00	78.30 CMS
Min	0.00	0.00	0.00	0.00	0.10	0.38	0.30	0.16	0.10	0.06	0.00	0.00	0.00 CMS
Runoff	0.00	0.01	0.12	0.12	16.70	14.08	12.26	1.00	0.43	0.23	0.03	0.00	44.98 MCM
Momentary Peak	130.00	CMS, at 209.47 m. (MSL), at 12.00 Hours, on Sep 4, 2007											
Runoff Yield	15.34	Liters/Second/Square KM.		Momentary Peak Yield		1397.85	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

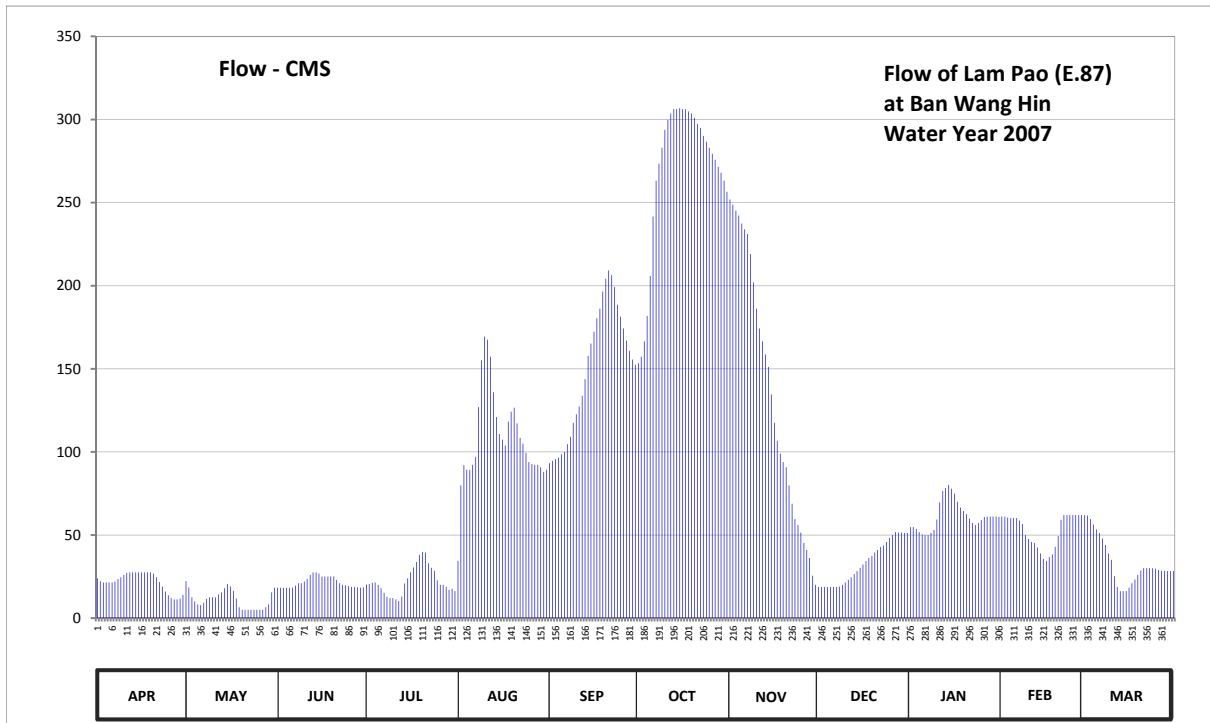
Lat 16 - 20 - 26 N Long 103 - 34 - 36 E

Location : on left bank at Ban Wang Hin.

	Ban Wang Hin	Amphoe Kamalalai	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 means 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 +136.570 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 32 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.86	130.79	130.63	130.71	131.28	133.22	135.19	137.08	130.65	131.96	132.17	132.20	
2	130.79	130.64	130.63	130.72	132.69	133.34	135.28	137.03	130.65	131.96	132.17	132.19	
3	130.76	130.40	130.63	130.75	133.01	133.41	135.49	136.97	130.65	131.92	132.15	132.12	
4	130.76	130.30	130.63	130.76	132.93	133.47	135.81	136.92	130.65	131.86	132.14	132.01	
5	130.76	130.23	130.63	130.70	132.93	133.58	136.27	136.84	130.65	131.81	132.14	131.91	
6	130.76	130.21	130.63	130.62	133.05	133.65	136.91	136.78	130.65	131.80	132.14	131.84	
7	130.78	130.27	130.68	130.51	133.50	133.88	137.27	136.73	130.65	131.80	132.09	131.73	
8	130.84	130.36	130.74	130.41	134.55	134.06	137.44	136.51	130.66	131.84	132.02	131.60	
9	130.88	130.40	130.74	130.38	135.23	134.30	137.60	136.20	130.70	131.90	131.80	131.43	
10	130.94	130.40	130.78	130.38	135.55	134.44	137.78	135.90	130.76	132.11	131.72	131.30	
11	130.99	130.40	130.84	130.35	135.51	134.56	137.88	135.65	130.82	132.42	131.66	130.91	
12	131.00	130.47	130.94	130.31	135.28	134.72	137.94	135.49	130.88	132.60	131.64	130.65	
13	131.00	130.52	131.00	130.42	134.77	134.97	137.98	135.31	130.96	132.65	131.55	130.55	
14	131.00	130.62	131.00	130.73	134.40	135.29	137.98	135.14	131.03	132.70	131.43	130.55	
15	131.00	130.72	130.97	130.86	134.11	135.46	137.99	134.74	131.11	132.64	131.32	130.55	
16	131.00	130.66	130.90	131.00	134.01	135.61	137.98	134.30	131.19	132.56	131.27	130.63	
17	131.00	130.56	130.90	131.12	133.84	135.78	137.98	133.99	131.27	132.43	131.36	130.74	
18	131.00	130.37	130.90	131.25	134.32	135.90	137.96	133.60	131.34	132.34	131.41	130.83	
19	131.00	130.16	130.90	131.40	134.48	136.10	137.94	133.29	131.38	132.28	131.56	130.94	
20	130.97	130.10	130.90	131.46	134.54	136.24	137.90	132.97	131.45	132.22	131.78	131.04	
21	130.88	130.10	130.82	131.45	134.29	136.33	137.84	132.69	131.50	132.13	132.10	131.10	
22	130.77	130.10	130.74	131.22	134.04	136.28	137.80	132.40	131.56	132.04	132.20	131.10	
23	130.66	130.10	130.70	131.11	133.90	136.15	137.72	132.12	131.59	132.00	132.20	131.10	
24	130.54	130.10	130.69	131.04	133.62	135.95	137.66	132.00	131.66	132.04	132.20	131.10	
25	130.45	130.10	130.67	130.81	133.29	135.80	137.60	131.85	131.74	132.10	132.20	131.09	
26	130.38	130.10	130.65	130.70	133.14	135.65	137.54	131.64	131.80	132.16	132.20	131.06	
27	130.35	130.10	130.65	130.70	133.05	135.50	137.48	131.50	131.86	132.17	132.20	131.04	
28	130.35	130.16	130.64	130.65	133.05	135.36	137.41	131.34	131.85	132.17	132.20	131.04	
29	130.37	130.23	130.63	130.58	132.97	135.24	137.35	130.92	131.85	132.17	132.20	131.03	
30	130.46	130.52	130.64	130.61	132.90	135.17	137.27	130.70	131.84	132.17		131.03	
31		130.63		130.55	132.93		137.16		131.84	132.16		131.03	
Mean	130.78	130.35	130.76	130.78	133.78	134.98	137.34	134.29	131.20	132.16	131.90	131.21	
Max	131.00	130.79	131.00	131.46	135.55	136.33	137.99	137.08	131.86	132.70	132.20	132.20	137.99
Min	130.35	130.10	130.63	130.31	131.28	133.22	135.19	130.70	130.65	131.80	131.27	130.55	130.10
Annual Max Momentary Gage Height	138.00		m. (MSL.) ,				at 04.00 Hours, on Oct 15, 2007						
Zero Gage at Bottom Elevation	128.90		m. (MSL.) ,			River Bed	129.18	m. (MSL)					
Left Bank Elevation		136.56		m. (MSL.) ,									
Right Bank Elevation		137.64		m. (MSL.) ,		Drainage Are	7,068	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	24.00	22.25	18.25	20.25	34.50	93.20	153.36	251.80	18.75	54.80	61.10	62.00		
2	22.25	18.50	18.25	20.50	79.82	94.60	157.32	248.80	18.75	54.80	61.10	61.70		
3	21.50	12.50	18.25	21.25	92.05	95.65	166.56	245.20	18.75	53.60	60.50	59.60		
4	21.50	10.00	18.25	21.50	89.20	96.55	181.88	242.20	18.75	51.80	60.20	56.30		
5	21.50	8.25	18.25	20.00	89.20	98.60	205.85	237.40	18.75	50.30	60.20	53.30		
6	21.50	7.75	18.25	18.00	92.25	100.00	241.60	233.90	18.75	50.00	60.20	51.20		
7	22.00	9.25	19.50	15.25	97.00	104.60	263.20	231.15	18.75	50.00	58.70	47.90		
8	23.50	11.50	21.00	12.75	127.00	109.10	273.40	219.05	19.00	51.20	56.60	44.00		
9	24.50	12.50	21.00	12.00	155.12	117.50	283.00	202.00	20.00	53.00	50.00	38.90		
10	26.00	12.50	22.00	12.00	169.40	122.60	293.80	186.20	21.50	59.30	47.60	35.00		
11	27.25	12.50	23.50	11.25	167.48	127.40	299.80	174.20	23.00	69.56	45.80	25.25		
12	27.50	14.25	26.00	10.25	157.32	133.80	303.60	166.56	24.50	76.40	45.20	18.75		
13	27.50	15.50	27.50	13.00	135.80	143.80	306.20	158.64	26.50	78.30	42.50	16.25		
14	27.50	18.00	27.50	20.75	121.00	157.76	306.20	151.16	28.25	80.20	38.90	16.25		
15	27.50	20.50	26.75	24.00	110.85	165.24	306.85	134.60	30.25	77.92	35.60	16.25		
16	27.50	19.00	25.00	27.50	107.35	172.28	306.20	117.50	32.25	74.88	34.25	18.25		
17	27.50	16.50	25.00	30.50	103.80	180.44	306.20	106.80	34.25	69.94	36.80	21.00		
18	27.50	11.75	25.00	33.75	118.20	186.20	304.90	99.00	36.20	66.52	38.30	23.25		
19	27.50	6.50	25.00	38.00	124.20	196.50	303.60	93.90	37.40	64.40	42.80	26.00		
20	26.75	5.00	25.00	39.80	126.60	204.20	301.00	90.80	39.50	62.60	49.40	28.50		
21	24.50	5.00	23.00	39.50	117.15	209.15	297.40	79.82	41.00	59.90	59.00	30.00		
22	21.75	5.00	21.00	33.00	108.40	206.40	295.00	68.80	42.80	57.20	62.00	30.00		
23	19.00	5.00	20.00	30.25	105.00	199.25	290.20	59.60	43.70	56.00	62.00	30.00		
24	16.00	5.00	19.75	28.50	99.40	188.60	286.60	56.00	45.80	57.20	62.00	30.00		
25	13.75	5.00	19.25	22.75	93.90	181.40	283.00	51.50	48.20	59.00	62.00	29.75		
26	12.00	5.00	18.75	20.00	92.70	174.20	279.40	45.20	50.00	60.80	62.00	29.00		
27	11.25	5.00	18.75	20.00	92.25	167.00	275.80	41.00	51.80	61.10	62.00	28.50		
28	11.25	6.50	18.50	18.75	92.25	160.84	271.60	36.20	51.50	61.10	62.00	28.50		
29	11.75	8.25	18.25	17.00	90.80	155.56	268.00	25.50	51.50	61.10	62.00	28.25		
30	14.00	15.50	18.50	17.75	88.00	152.48	263.20	20.00	51.20	61.10		28.25		
31		18.25		16.25	89.20		256.60		51.20	60.80		28.25		
Total	657.50	348.00	645.00	686.05	3367.19	4494.90	8331.32	4074.48	1032.55	1904.82	1540.75	1040.15	28122.71	CMSDAY
Mean	21.92	11.23	21.50	22.13	108.62	149.83	268.75	135.82	33.31	61.45	53.13	33.55	76.84	CMS
Max	27.50	22.25	27.50	39.80	169.40	209.15	306.85	251.80	51.80	80.20	62.00	62.00	306.85	CMS
Min	11.25	5.00	18.25	10.25	34.50	93.20	153.36	20.00	18.75	50.00	34.25	16.25	5.00	CMS
Runoff	56.81	30.07	55.73	59.27	290.93	388.36	719.83	352.04	89.21	164.58	133.12	89.87	2429.80	MCM
Momentary Peak	307.50		CMS, at 138.00 m. (MSL), at 04.00 Hours, on Oct 15, 2007											
Runoff Yield	10.90		Liters/Second/Square KM.		Momentary Peak Yield	43.51		Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

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

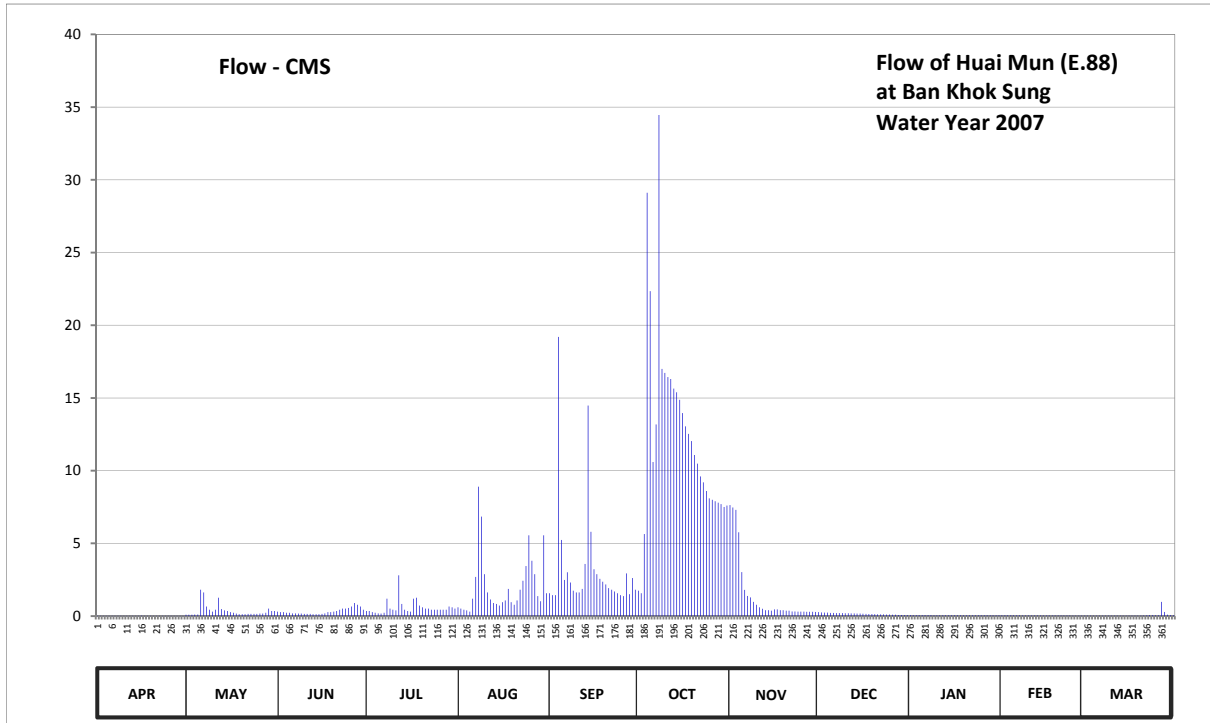
Lat 16 - 49 - 56 N Long 103 - 22 - 09 E

Location : on right bank at Ban Khok Sung.

	Ban Khok Sung	Amphoe Tha Khantho	Changwat Kalasin
Drainage Area	91 sq.km.		
Type of Gage	Water - stage recorder.		
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	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means 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	Overbank flow starts at elevation +166.460 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	163.27	163.25	163.33	163.34	163.40	163.56	163.59	164.42	163.76	163.41	163.35	163.31	
2	163.27	163.25	163.32	163.34	163.38	163.54	163.56	164.41	163.74	163.42	163.35	163.31	
3	163.27	163.25	163.32	163.32	163.36	163.54	164.13	164.40	163.73	163.41	163.35	163.31	
4	163.27	163.26	163.31	163.31	163.35	165.30	165.93	164.31	163.73	163.42	163.35	163.31	
5	163.27	163.26	163.31	163.30	163.33	164.08	165.51	164.11	163.72	163.43	163.35	163.31	
6	163.26	163.60	163.30	163.29	163.50	163.71	164.65	164.00	163.72	163.42	163.35	163.31	
7	163.26	163.57	163.30	163.31	163.74	163.79	164.86	163.96	163.71	163.41	163.35	163.31	
8	163.26	163.41	163.29	163.50	164.49	163.68	166.24	163.95	163.71	163.40	163.34	163.31	
9	163.26	163.36	163.29	163.38	164.28	163.59	165.15	163.92	163.71	163.37	163.34	163.31	
10	163.26	163.33	163.28	163.36	163.77	163.57	165.13	163.90	163.70	163.38	163.34	163.31	
11	163.26	163.36	163.28	163.35	163.57	163.57	165.11	163.86	163.70	163.38	163.34	163.31	
12	163.26	163.51	163.28	163.76	163.49	163.61	165.10	163.84	163.69	163.38	163.34	163.31	
13	163.26	163.37	163.27	163.44	163.45	163.87	165.05	163.82	163.68	163.37	163.34	163.31	
14	163.26	163.35	163.27	163.36	163.44	164.96	165.03	163.82	163.66	163.37	163.34	163.31	
15	163.27	163.34	163.27	163.34	163.42	164.15	164.99	163.81	163.65	163.37	163.34	163.30	
16	163.29	163.32	163.28	163.33	163.46	163.82	164.92	163.83	163.63	163.37	163.34	163.30	
17	163.28	163.31	163.30	163.50	163.48	163.77	164.85	163.83	163.62	163.36	163.33	163.30	
18	163.28	163.29	163.32	163.51	163.61	163.72	164.81	163.82	163.60	163.36	163.33	163.30	
19	163.27	163.27	163.32	163.42	163.46	163.69	164.77	163.82	163.59	163.36	163.33	163.30	
20	163.27	163.27	163.33	163.40	163.43	163.66	164.69	163.81	163.58	163.36	163.33	163.31	
21	163.26	163.27	163.34	163.38	163.48	163.62	164.64	163.81	163.56	163.35	163.32	163.33	
22	163.26	163.28	163.36	163.38	163.60	163.60	164.56	163.80	163.55	163.35	163.32	163.36	
23	163.26	163.28	163.38	163.36	163.70	163.58	164.52	163.80	163.54	163.35	163.32	163.41	
24	163.26	163.28	163.38	163.36	163.85	163.56	164.46	163.79	163.53	163.35	163.32	163.39	
25	163.26	163.28	163.39	163.36	164.12	163.54	164.41	163.79	163.52	163.36	163.31	163.38	
26	163.26	163.29	163.41	163.36	163.90	163.53	164.40	163.79	163.51	163.36	163.31	163.38	
27	163.26	163.29	163.45	163.36	163.77	163.78	164.39	163.78	163.49	163.36	163.31	163.92	
28	163.26	163.31	163.43	163.36	163.53	163.55	164.38	163.78	163.46	163.36	163.31	163.77	
29	163.26	163.38	163.41	163.41	163.47	163.73	164.37	163.78	163.44	163.35	163.31	163.50	
30	163.26	163.34	163.36	163.40	164.12	163.60	164.35	163.77	163.41	163.36	163.31	163.41	
31		163.34		163.38	163.56		164.36		163.41	163.36		163.37	
Mean	163.27	163.33	163.33	163.39	163.63	163.78	164.74	163.92	163.61	163.38	163.33	163.37	
Max	163.29	163.60	163.45	163.76	164.49	165.30	166.24	164.42	163.76	163.43	163.35	163.92	166.24
Min	163.26	163.25	163.27	163.29	163.33	163.53	163.56	163.77	163.41	163.35	163.31	163.30	163.25
Annual Max Momentary Gage Height	167.14		m. (MSL.) ,				at 11.00 Hours, on Sep 4, 2007						
Zero Gage at Bottom Elevation	163.06		m. (MSL.) ,			River Bed	163.22	m. (MSL)					
Left Bank Elevation		167.33		m. (MSL.) ,									
Right Bank Elevation		166.45		m. (MSL.) ,		Drainage Are	91	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	0.10	0.31	0.35	0.60	1.57	1.75	7.64	0.27	0.06	0.05	0.03	
2	0.02	0.10	0.27	0.35	0.52	1.44	1.57	7.47	0.25	0.07	0.05	0.03	
3	0.02	0.10	0.27	0.27	0.44	1.44	5.64	7.30	0.24	0.06	0.05	0.03	
4	0.02	0.11	0.23	0.23	0.40	19.20	29.11	5.77	0.24	0.07	0.05	0.03	
5	0.02	0.11	0.23	0.19	0.31	5.24	22.35	3.03	0.22	0.07	0.05	0.03	
6	0.02	1.81	0.19	0.17	1.20	2.49	10.60	1.80	0.22	0.07	0.05	0.03	
7	0.02	1.63	0.19	0.23	2.69	3.01	13.18	1.39	0.21	0.06	0.05	0.03	
8	0.02	0.66	0.17	1.20	8.90	2.31	34.46	1.29	0.21	0.06	0.04	0.03	
9	0.02	0.44	0.17	0.52	6.84	1.75	17.00	0.98	0.21	0.05	0.04	0.03	
10	0.02	0.31	0.15	0.44	2.88	1.63	16.72	0.78	0.20	0.05	0.04	0.03	
11	0.02	0.44	0.15	0.40	1.63	1.63	16.44	0.60	0.20	0.05	0.04	0.03	
12	0.02	1.26	0.15	2.81	1.14	1.87	16.30	0.50	0.19	0.05	0.04	0.03	
13	0.02	0.48	0.13	0.84	0.90	3.59	15.65	0.41	0.19	0.05	0.04	0.03	
14	0.02	0.40	0.13	0.44	0.84	14.48	15.39	0.41	0.18	0.05	0.04	0.03	
15	0.02	0.35	0.13	0.35	0.72	5.80	14.87	0.37	0.17	0.05	0.04	0.03	
16	0.03	0.27	0.15	0.31	0.96	3.22	13.96	0.46	0.16	0.05	0.04	0.03	
17	0.02	0.23	0.19	1.20	1.08	2.88	13.05	0.46	0.15	0.05	0.04	0.03	
18	0.02	0.17	0.27	1.26	1.87	2.56	12.53	0.41	0.14	0.05	0.04	0.03	
19	0.02	0.13	0.27	0.72	0.96	2.37	12.04	0.41	0.14	0.05	0.04	0.03	
20	0.02	0.13	0.31	0.60	0.78	2.18	11.08	0.37	0.13	0.05	0.04	0.03	
21	0.02	0.13	0.35	0.52	1.08	1.93	10.48	0.37	0.12	0.05	0.04	0.04	
22	0.02	0.15	0.44	0.52	1.81	1.81	9.60	0.32	0.12	0.05	0.04	0.05	
23	0.02	0.15	0.52	0.44	2.43	1.69	9.20	0.32	0.12	0.05	0.04	0.06	
24	0.02	0.15	0.52	0.44	3.44	1.57	8.60	0.31	0.11	0.05	0.04	0.06	
25	0.02	0.15	0.56	0.44	5.56	1.44	8.10	0.31	0.11	0.05	0.03	0.05	
26	0.02	0.17	0.66	0.44	3.81	1.38	8.00	0.31	0.10	0.05	0.03	0.05	
27	0.02	0.17	0.90	0.44	2.88	2.94	7.90	0.30	0.10	0.05	0.03	0.98	
28	0.02	0.23	0.78	0.44	1.38	1.51	7.80	0.30	0.08	0.05	0.03	0.28	
29	0.02	0.52	0.66	0.66	1.02	2.62	7.70	0.30	0.08	0.05	0.03	0.10	
30	0.02	0.35	0.44	0.60	5.56	1.81	7.50	0.28	0.06	0.05		0.06	
31		0.35		0.52	1.57		7.60		0.06	0.05		0.05	
Total	0.61	11.75	9.89	18.34	66.20	99.36	386.17	44.97	4.98	1.67	1.18	2.38	647.50 CMSDAY
Mean	0.02	0.38	0.33	0.59	2.14	3.31	12.46	1.50	0.16	0.05	0.04	0.08	1.77 CMS
Max	0.03	1.81	0.90	2.81	8.90	19.20	34.46	7.64	0.27	0.07	0.05	0.98	34.46 CMS
Min	0.02	0.10	0.13	0.17	0.31	1.38	1.57	0.28	0.06	0.05	0.03	0.03	0.02 CMS
Runoff	0.05	1.02	0.85	1.58	5.72	8.58	33.37	3.89	0.43	0.14	0.10	0.21	55.94 MCM
Momentary Peak	52.20	CMS, at 167.14 m. (MSL), at 11.00 Hours, on Sep 4, 2007											
Runoff Yield	19.49	Liters/Second/Square KM.				Momentary Peak Yield	573.63	Liters/Second/Square KM.					

WATER YEAR : 2007**CHI RIVER BASIN****Lam Nong Sang at Ban Nong Rew Nung , Kalasin (E.89)**

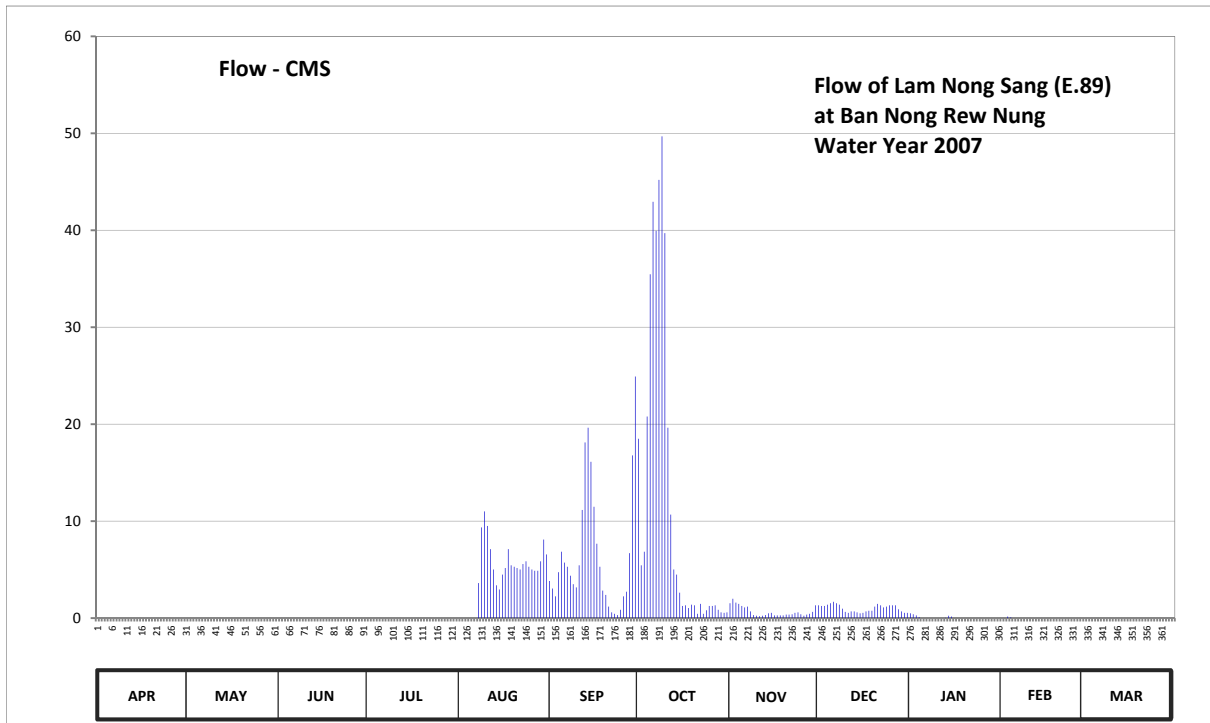
Lat 16 - 40 - 04 N Long 103 - 18 - 16 E

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 means 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 13 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	171.32	171.30	171.30	171.38	171.29	172.33	173.30	172.09	172.06	171.92	171.74	171.64	
2	171.31	171.30	171.30	171.29	171.29	172.26	172.46	172.15	172.05	171.90	171.80	171.63	
3	171.30	171.30	171.30	171.29	171.29	172.18	172.56	172.10	172.05	171.87	171.84	171.62	
4	171.30	171.30	171.43	171.29	171.29	172.41	173.42	172.08	172.07	171.83	171.82	171.61	
5	171.30	171.30	171.53	171.29	171.29	172.56	174.09	172.05	172.09	171.80	171.76	171.60	
6	171.30	171.30	171.52	171.29	171.29	172.48	174.39	172.03	172.11	171.77	171.74	171.60	
7	171.30	171.30	171.52	171.29	171.59	172.45	174.27	172.04	172.09	171.74	171.71	171.59	
8	171.30	171.30	171.52	171.29	172.31	172.38	174.48	171.96	172.07	171.73	171.71	171.59	
9	171.30	171.30	171.50	171.29	172.74	172.30	174.66	171.88	172.01	171.72	171.71	171.58	
10	171.30	171.30	171.48	171.29	172.85	172.27	174.26	171.86	171.95	171.71	171.71	171.58	
11	171.30	171.30	171.47	171.29	172.75	172.46	173.36	171.85	171.93	171.73	171.71	171.58	
12	171.30	171.30	171.47	171.29	172.58	172.86	172.83	171.86	171.96	171.76	171.71	171.57	
13	171.30	171.30	171.47	171.29	172.43	173.28	172.43	171.88	171.96	171.81	171.71	171.57	
14	171.30	171.30	171.46	171.29	172.29	173.36	172.39	171.92	171.94	171.86	171.71	171.57	
15	171.30	171.30	171.44	171.29	172.25	173.17	172.22	171.93	171.92	171.84	171.71	171.56	
16	171.30	171.30	171.44	171.29	172.39	172.88	172.05	171.87	171.93	171.79	171.71	171.56	
17	171.30	171.30	171.44	171.29	172.44	172.62	172.06	171.87	171.96	171.78	171.71	171.56	
18	171.30	171.30	171.43	171.29	172.58	172.45	172.02	171.87	171.97	171.77	171.71	171.55	
19	171.30	171.30	171.43	171.29	172.46	172.24	172.07	171.87	171.97	171.76	171.71	171.55	
20	171.30	171.30	171.42	171.29	172.45	172.20	172.06	171.89	172.04	171.76	171.71	171.55	
21	171.30	171.30	171.46	171.29	172.44	172.04	171.91	171.89	172.08	171.75	171.70	171.55	
22	171.30	171.30	171.44	171.29	172.43	171.94	172.08	171.90	172.06	171.74	171.69	171.55	
23	171.30	171.30	171.44	171.29	172.47	171.91	171.91	171.93	172.03	171.74	171.68	171.56	
24	171.30	171.30	171.44	171.29	172.49	171.88	171.98	171.94	172.04	171.73	171.67	171.57	
25	171.30	171.30	171.45	171.29	172.45	171.99	172.05	171.90	172.06	171.73	171.67	171.56	
26	171.30	171.30	171.45	171.29	172.43	172.18	172.05	171.86	172.06	171.73	171.66	171.55	
27	171.30	171.30	171.45	171.29	172.42	172.23	172.06	171.89	172.06	171.72	171.66	171.54	
28	171.30	171.30	171.46	171.29	172.42	172.55	171.99	171.91	172.00	171.72	171.65	171.54	
29	171.30	171.30	171.46	171.29	172.49	173.21	171.94	171.95	171.96	171.72	171.64	171.54	
30	171.30	171.30	171.44	171.29	172.65	173.62	171.93	172.06	171.93	171.71	171.71	171.53	
31	171.30	171.30	171.44	171.29	172.54	171.94	171.94	171.93	171.93	171.71	171.71	171.53	
Mean	171.30	171.30	171.45	171.29	172.23	172.49	172.68	171.94	172.01	171.77	171.71	171.57	
Max	171.32	171.30	171.53	171.38	172.85	173.62	174.66	172.15	172.11	171.92	171.84	171.64	174.66
Min	171.30	171.30	171.30	171.29	171.29	171.88	171.91	171.85	171.92	171.71	171.64	171.53	171.29
Annual Max Momentary Gage Height	174.68		m. (MSL.) ,				at 06.00 Hours, on Oct 9, 2007						
Zero Gage at Bottom Elevation	170.60		m. (MSL.) ,			River Bed	171.23	m. (MSL)					
Left Bank Elevation	176.27		m. (MSL.) ,										
Right Bank Elevation	176.25		m. (MSL.) ,			Drainage Are	167	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	3.83	18.50	1.53	1.32	0.50	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	3.06	5.44	2.00	1.25	0.40	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	2.24	6.84	1.60	1.25	0.28	0.16	0.00	
4	0.00	0.00	0.00	0.00	0.00	4.74	20.80	1.46	1.39	0.12	0.08	0.00	
5	0.00	0.00	0.00	0.00	0.00	6.84	35.47	1.25	1.53	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	5.72	42.95	1.11	1.68	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	5.30	39.95	1.18	1.53	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	3.61	4.38	45.20	0.70	1.39	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	9.36	3.50	49.70	0.32	0.97	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	11.00	3.17	39.70	0.24	0.65	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	9.50	5.44	19.64	0.20	0.55	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	7.12	11.16	10.68	0.24	0.70	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	5.02	18.12	5.02	0.32	0.70	0.04	0.00	0.00	
14	0.00	0.00	0.00	0.00	3.39	19.64	4.49	0.50	0.60	0.24	0.00	0.00	
15	0.00	0.00	0.00	0.00	2.95	16.12	2.62	0.55	0.50	0.16	0.00	0.00	
16	0.00	0.00	0.00	0.00	4.49	11.48	1.25	0.28	0.55	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	5.16	7.68	1.32	0.28	0.70	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	7.12	5.30	1.04	0.28	0.75	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	5.44	2.84	1.39	0.28	0.75	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	5.30	2.40	1.32	0.36	1.18	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	5.16	1.18	0.45	0.36	1.46	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	5.02	0.60	1.46	0.40	1.32	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	5.58	0.45	0.45	0.55	1.11	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	5.86	0.32	0.80	0.60	1.18	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	5.30	0.85	1.25	0.40	1.32	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	5.02	2.24	1.25	0.24	1.32	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	4.88	2.73	1.32	0.36	1.32	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	4.88	6.70	0.85	0.45	0.90	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	5.86	16.79	0.60	0.65	0.70	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	8.10	24.92	0.55	1.32	0.55	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	6.56	0.60	0.60	0.55	0.55	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	141.68	199.74	362.90	20.01	31.67	1.74	0.24	0.00	757.98 CMSDAY
Mean	0.00	0.00	0.00	0.00	4.57	6.66	11.71	0.67	1.02	0.06	0.01	0.00	2.07 CMS
Max	0.00	0.00	0.00	0.00	11.00	24.92	49.70	2.00	1.68	0.50	0.16	0.00	49.70 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.32	0.45	0.20	0.50	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	12.24	17.26	31.35	1.73	2.74	0.15	0.02	0.00	65.49 MCM
Momentary Peak	50.20	CMS, at 174.68 m. (MSL), at 06.00 Hours, on Oct 9, 2007											
Runoff Yield	12.44	Liters/Second/Square KM. Momentary Peak Yield 300.60 Liters/Second/Square KM.											

WATER YEAR : 2007

CHI RIVER BASIN

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

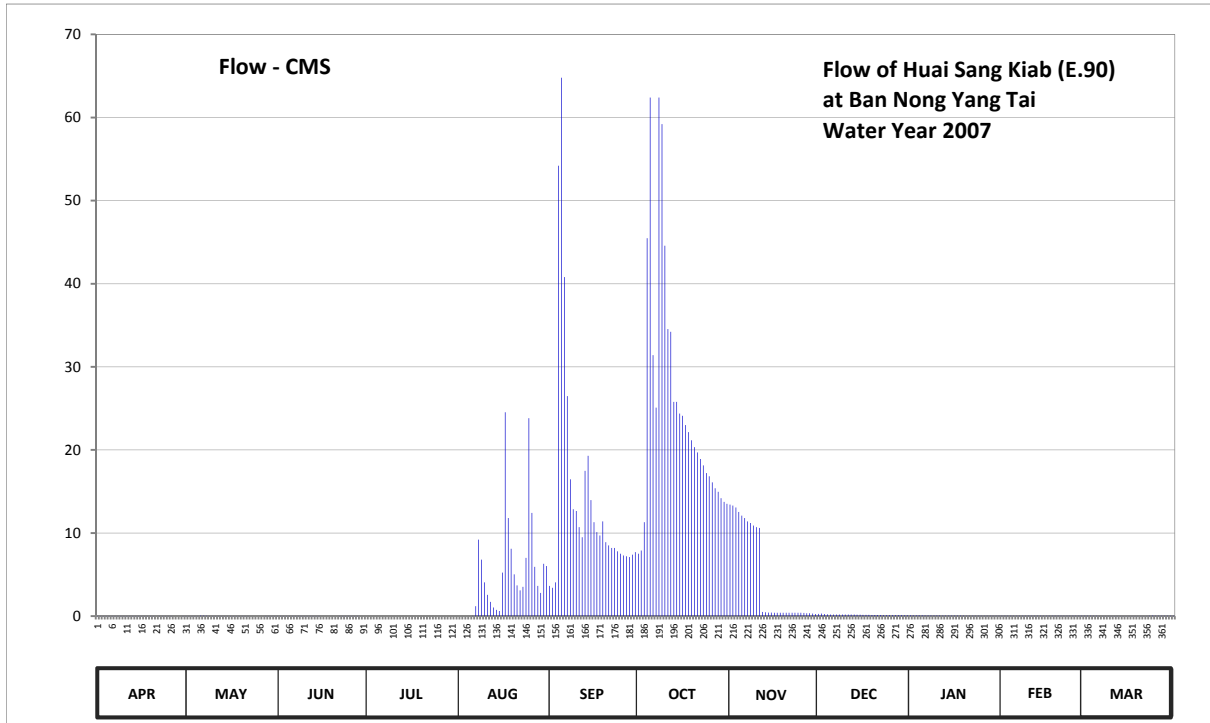
Lat 16 - 46 - 28 N Long 103 - 38 - 41 E

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.- Highways Dept.		
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 means 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 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.81	160.79	160.80	160.71	160.61	161.54	162.03	162.61	162.23	161.68	161.01	160.97	
2	160.81	160.78	160.80	160.74	160.61	161.50	162.07	162.60	162.25	161.63	161.00	161.00	
3	160.80	160.77	160.83	160.65	160.63	161.61	162.41	162.58	162.22	161.61	161.00	160.96	
4	160.79	160.77	160.82	160.64	160.62	165.22	164.76	162.53	162.21	161.60	160.98	160.95	
5	160.79	160.78	160.80	160.63	160.62	165.75	165.63	162.49	162.20	161.57	160.98	160.95	
6	160.78	161.17	160.84	160.65	160.72	164.50	163.96	162.46	162.20	161.52	160.97	160.94	
7	160.77	161.22	160.91	160.63	161.10	163.62	163.52	162.42	162.20	161.49	160.97	160.94	
8	160.78	160.95	160.84	160.62	162.20	162.88	165.63	162.40	162.20	161.46	160.97	160.94	
9	160.78	160.86	160.81	160.61	161.96	162.56	165.47	162.37	162.19	161.42	160.97	160.94	
10	160.77	160.82	160.80	160.62	161.61	162.54	164.71	162.35	162.19	161.39	160.97	160.93	
11	160.77	160.82	160.80	160.61	161.36	162.35	164.15	162.34	162.19	161.36	160.97	160.93	
12	160.77	160.94	160.79	160.62	161.22	162.23	164.13	162.33	162.18	161.34	160.97	160.93	
13	160.77	160.84	160.78	160.61	161.06	162.96	163.57	162.32	162.17	161.29	160.99	160.93	
14	160.76	160.83	160.77	160.61	160.98	163.10	163.57	162.31	162.15	161.26	161.02	160.93	
15	160.76	160.81	160.75	160.62	160.94	162.66	163.47	162.31	162.13	161.25	161.00	160.93	
16	160.77	160.80	160.74	160.65	161.79	162.41	163.45	162.30	162.12	161.23	161.00	160.94	
17	160.76	160.79	160.74	160.68	163.48	162.29	163.37	162.30	162.10	161.20	161.00	160.94	
18	160.76	160.78	160.71	160.73	162.46	162.25	163.31	162.30	162.09	161.18	160.99	160.93	
19	160.75	160.76	160.72	160.67	162.09	162.42	163.24	162.30	162.07	161.15	160.99	160.92	
20	160.75	160.75	160.71	160.64	161.76	162.17	163.18	162.30	162.04	161.14	160.99	160.92	
21	160.74	160.75	160.74	160.65	161.55	162.13	163.13	162.30	162.02	161.12	160.99	160.93	
22	160.75	160.75	160.87	160.65	161.45	162.10	163.07	162.30	161.98	161.09	160.99	160.93	
23	160.75	160.74	160.80	160.62	161.52	162.10	163.01	162.30	161.94	161.05	160.99	161.00	
24	160.75	160.73	160.79	160.62	161.98	162.06	162.94	162.30	161.92	161.04	160.99	161.15	
25	160.75	160.73	160.82	160.61	163.43	162.03	162.91	162.30	161.90	161.03	160.99	161.07	
26	160.75	160.72	160.80	160.62	162.52	162.01	162.85	162.29	161.86	161.03	160.99	161.01	
27	160.74	160.72	160.80	160.62	161.87	162.00	162.79	162.27	161.84	161.03	160.97	160.96	
28	160.74	160.75	160.76	160.61	161.54	161.99	162.75	162.27	161.81	161.02	160.95	160.97	
29	160.74	160.80	160.69	160.61	161.40	162.02	162.68	162.25	161.78	161.02	160.97	160.98	
30	160.80	160.78	160.69	160.61	161.91	162.05	162.64	162.22	161.74	161.02	160.97	160.96	
31		160.78		160.61	161.88		162.62		161.72	161.01		160.95	
Mean	160.77	160.82	160.78	160.64	161.58	162.57	163.45	162.36	162.06	161.27	160.99	160.96	
Max	160.81	161.22	160.91	160.74	163.48	165.75	165.63	162.61	162.25	161.68	161.02	161.15	165.75
Min	160.74	160.72	160.69	160.61	160.61	161.50	162.03	162.22	161.72	161.01	160.95	160.92	160.61
Annual Max Momentary Gage Height	166.06	m. (MSL.) ,		at 13.00 Hours, on Sep 4, 2007									
Zero Gage at Bottom Elevation	160.60	m. (MSL.) ,		River Bed 160.64 m. (MSL)									
Left Bank Elevation	167.01	m. (MSL.) ,											
Right Bank Elevation	166.96	m. (MSL.) ,		Drainage Are	321	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	0.01	0.01	0.00	0.00	3.64	7.50	13.41	0.26	0.10	0.03	0.03	
2	0.01	0.01	0.01	0.00	0.00	3.40	7.90	13.30	0.30	0.09	0.03	0.03	
3	0.01	0.01	0.01	0.00	0.00	4.06	11.30	13.08	0.24	0.09	0.03	0.03	
4	0.01	0.01	0.01	0.00	0.00	54.20	45.48	12.53	0.22	0.09	0.03	0.03	
5	0.01	0.01	0.01	0.00	0.00	64.80	62.40	12.10	0.20	0.09	0.03	0.03	
6	0.01	0.05	0.01	0.00	0.04	40.80	31.40	11.80	0.20	0.08	0.03	0.02	
7	0.01	0.05	0.02	0.00	1.20	26.48	25.08	11.40	0.20	0.08	0.03	0.02	
8	0.01	0.03	0.01	0.00	9.20	16.46	62.40	11.20	0.20	0.08	0.03	0.02	
9	0.01	0.02	0.01	0.00	6.80	12.86	59.20	10.90	0.20	0.07	0.03	0.02	
10	0.01	0.01	0.01	0.00	4.06	12.64	44.58	10.70	0.20	0.07	0.03	0.02	
11	0.01	0.01	0.01	0.00	2.56	10.70	34.55	10.60	0.20	0.07	0.03	0.02	
12	0.01	0.02	0.01	0.00	1.72	9.50	34.21	0.49	0.19	0.06	0.03	0.02	
13	0.01	0.01	0.01	0.00	1.04	17.48	25.78	0.46	0.19	0.06	0.03	0.02	
14	0.01	0.01	0.01	0.00	0.74	19.30	25.78	0.43	0.18	0.06	0.03	0.02	
15	0.01	0.01	0.01	0.00	0.62	13.96	24.38	0.43	0.17	0.06	0.03	0.02	
16	0.01	0.01	0.00	0.00	5.23	11.30	24.10	0.40	0.16	0.05	0.03	0.02	
17	0.01	0.01	0.00	0.00	24.52	10.10	22.98	0.40	0.15	0.05	0.03	0.02	
18	0.01	0.01	0.00	0.00	11.80	9.70	22.14	0.40	0.15	0.05	0.03	0.02	
19	0.01	0.01	0.00	0.00	8.10	11.40	21.16	0.40	0.14	0.05	0.03	0.02	
20	0.01	0.01	0.00	0.00	5.02	8.90	20.34	0.40	0.14	0.04	0.03	0.02	
21	0.00	0.01	0.00	0.00	3.70	8.50	19.69	0.40	0.13	0.04	0.03	0.02	
22	0.01	0.01	0.02	0.00	3.10	8.20	18.91	0.40	0.13	0.04	0.03	0.02	
23	0.01	0.00	0.01	0.00	3.52	8.20	18.13	0.40	0.12	0.04	0.03	0.03	
24	0.01	0.00	0.01	0.00	7.00	7.80	17.22	0.40	0.12	0.03	0.03	0.05	
25	0.01	0.00	0.01	0.00	23.82	7.50	16.83	0.40	0.12	0.03	0.03	0.04	
26	0.01	0.00	0.01	0.00	12.42	7.30	16.10	0.38	0.12	0.03	0.03	0.03	
27	0.00	0.00	0.01	0.00	5.93	7.20	15.39	0.34	0.11	0.03	0.03	0.03	
28	0.00	0.01	0.01	0.00	3.64	7.10	14.95	0.34	0.11	0.03	0.03	0.03	
29	0.00	0.01	0.00	0.00	2.80	7.40	14.18	0.30	0.11	0.03	0.03	0.03	
30	0.01	0.01	0.00	0.00	6.30	7.70	13.74	0.24	0.10	0.03		0.03	
31		0.01		0.00	6.02		13.52		0.10	0.03			0.03
Total	0.26	0.38	0.24	0.00	160.90	438.58	791.32	138.43	5.16	1.75	0.87	0.79	1538.68 CMSDAY
Mean	0.01	0.01	0.01	0.00	5.19	14.62	25.53	4.61	0.17	0.06	0.03	0.03	4.20 CMS
Max	0.01	0.05	0.02	0.00	24.52	64.80	62.40	13.41	0.30	0.10	0.03	0.05	64.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	3.40	7.50	0.24	0.10	0.03	0.03	0.02	0.00 CMS
Runoff	0.02	0.03	0.02	0.00	13.90	37.89	68.37	11.96	0.45	0.15	0.08	0.07	132.94 MCM
Momentary Peak	71.00	CMS, at 166.06 m. (MSL), at 13.00 Hours, on Sep 4, 2007											
Runoff Yield	13.13	Liters/Second/Square KM.		Momentary Peak Yield		221.18	Liters/Second/Square KM.						

WATER YEAR : 2007**CHI RIVER BASIN****Chi River at Ban Kui Chuak , Maha Sarakham (E.91)**

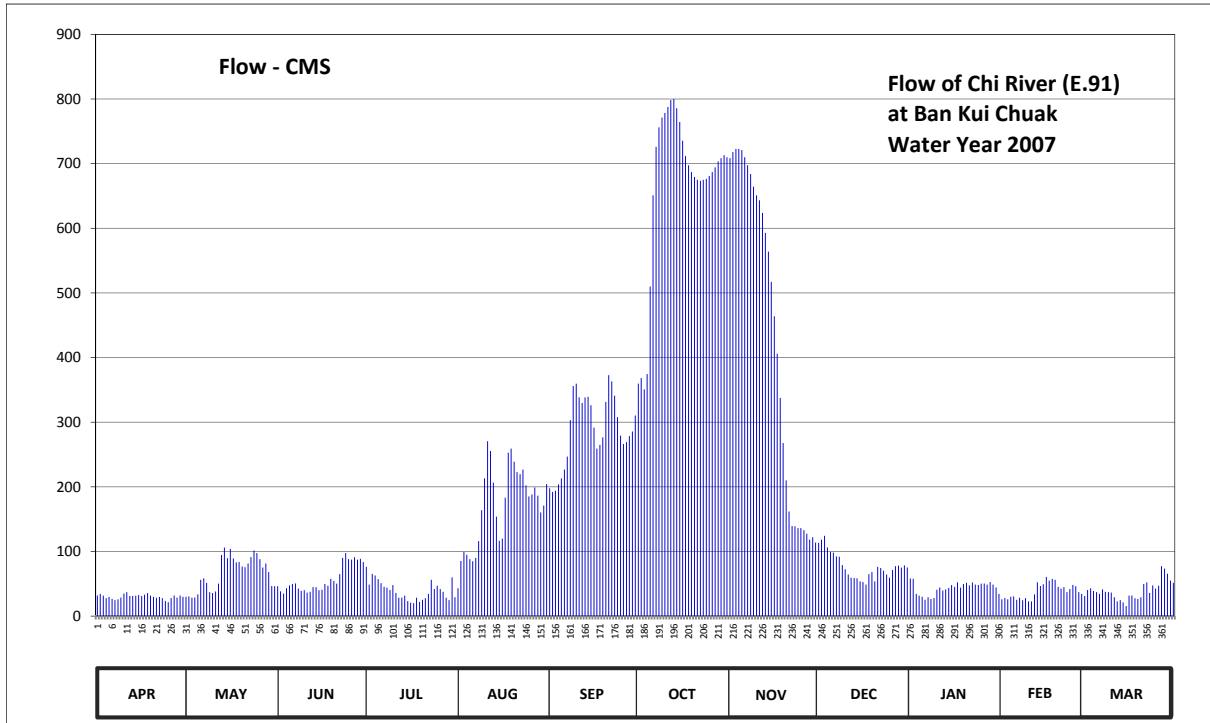
Lat 16 - 21 - 58 N Long 102 - 56 - 59 E

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	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 good. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	140.30	140.25	140.64	141.31	140.57	143.56	145.70	148.64	142.10	140.91	140.15	140.28	
2	140.36	140.26	140.46	140.70	141.51	143.47	145.80	148.70	142.19	140.90	140.20	140.51	
3	140.29	140.21	140.37	141.07	141.81	143.50	145.60	148.73	142.30	140.36	140.15	140.57	
4	140.19	140.22	140.57	141.02	141.72	143.65	145.87	148.73	141.96	140.29	140.25	140.47	
5	140.24	140.34	140.67	140.89	141.57	143.80	147.20	148.72	141.81	140.25	140.26	140.43	
6	140.17	140.87	140.72	140.75	141.50	144.01	148.26	148.65	141.79	140.13	140.13	140.36	
7	140.12	140.92	140.74	140.62	141.61	144.29	148.75	148.57	141.66	140.23	140.21	140.53	
8	140.15	140.76	140.56	140.59	142.15	145.06	148.94	148.48	141.65	140.16	140.11	140.44	
9	140.22	140.43	140.48	140.51	143.03	145.66	149.03	148.35	141.37	140.20	140.19	140.43	
10	140.37	140.39	140.50	140.68	143.80	145.70	149.07	148.26	141.23	140.52	140.07	140.41	
11	140.43	140.45	140.41	140.40	144.62	145.46	149.12	148.21	141.05	140.60	140.07	140.23	
12	140.28	140.73	140.44	140.21	144.41	145.36	149.18	148.07	140.94	140.49	140.34	140.07	
13	140.28	141.71	140.61	140.22	143.70	145.46	149.19	147.85	140.93	140.53	140.78	140.12	
14	140.29	141.96	140.61	140.29	142.85	145.47	149.11	147.63	140.92	140.58	140.65	140.03	
15	140.31	141.60	140.50	140.08	142.16	145.32	148.99	147.26	140.81	140.68	140.71	139.89	
16	140.28	141.91	140.52	140.02	142.22	144.91	148.81	146.78	140.79	140.62	140.97	140.29	
17	140.33	141.59	140.72	140.00	143.33	144.46	148.66	146.21	140.70	140.78	140.84	140.30	
18	140.39	141.46	140.66	140.21	144.37	144.54	148.57	145.45	141.06	140.59	140.90	140.19	
19	140.29	141.47	140.90	140.05	144.46	144.70	148.50	144.58	141.13	140.72	140.87	140.16	
20	140.24	141.32	140.83	140.13	144.18	145.38	148.45	143.75	140.81	140.76	140.62	140.23	
21	140.21	141.30	140.73	140.19	143.95	145.85	148.42	143.00	141.31	140.67	140.56	140.72	
22	140.24	141.42	141.06	140.36	143.90	145.74	148.41	142.58	141.27	140.77	140.61	140.78	
23	140.19	141.64	141.61	140.87	144.01	145.49	148.42	142.57	141.18	140.70	140.43	140.40	
24	140.09	141.86	141.77	140.54	143.63	145.11	148.43	142.52	141.05	140.69	140.54	140.67	
25	140.04	141.77	141.57	140.66	143.36	144.74	148.46	142.52	140.94	140.73	140.69	140.56	
26	140.20	141.57	141.55	140.54	143.41	144.56	148.50	142.46	141.20	140.74	140.64	140.66	
27	140.30	141.29	141.63	140.44	143.58	144.60	148.55	142.36	141.33	140.70	140.43	141.33	
28	140.22	141.42	141.55	140.21	143.38	144.73	148.61	142.19	141.35	140.79	140.36	141.25	
29	140.30	141.13	141.58	140.12	142.97	144.83	148.64	142.26	141.28	140.70	140.38	141.08	
30	140.25	140.65	141.47	140.95	143.14	145.14	148.67	142.11	141.36	140.60		140.84	
31		140.64		140.23	143.66		148.65		141.29	140.36		140.76	
Mean	140.25	141.08	140.88	140.48	143.05	144.82	148.28	145.87	141.31	140.57	140.45	140.48	
Max	140.43	141.96	141.77	141.31	144.62	145.85	149.19	148.73	142.30	140.91	140.97	141.33	149.19
Min	140.04	140.21	140.37	140.00	140.57	143.47	145.60	142.11	140.70	140.13	140.07	139.89	139.89
Annual Max Momentary Gage Height	149.20		m. (MSL.) ,				at 02.00 Hours, on Oct 13, 2007						
Zero Gage at Bottom Elevation	138.00		m. (MSL.) ,			River Bed	138.30	m. (MSL.)					
Left Bank Elevation		152.09		m. (MSL.) ,									
Right Bank Elevation		152.05		m. (MSL.) ,		Drainage Are	29,265	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.00	30.00	46.16	76.26	43.08	197.84	359.60	708.40	113.40	58.04	26.00	31.20	
2	34.40	30.40	38.40	48.80	85.46	192.08	368.40	718.00	118.26	57.60	28.00	40.44	
3	31.60	28.40	34.80	65.22	99.26	194.00	350.80	722.80	124.20	34.40	26.00	43.08	
4	27.60	28.80	43.08	62.92	95.12	203.60	374.56	722.80	106.16	31.60	30.00	38.80	
5	29.60	33.60	47.48	57.16	88.22	213.20	510.00	721.20	99.26	30.00	30.40	37.20	
6	26.80	56.28	49.68	51.00	85.00	226.72	651.00	710.00	98.34	25.20	25.20	34.40	
7	24.80	58.48	50.56	45.28	90.06	246.88	726.00	697.50	92.36	29.20	28.40	41.32	
8	26.00	51.44	42.64	43.96	116.10	303.28	756.40	684.00	91.90	26.40	24.40	37.60	
9	28.80	37.20	39.20	40.44	163.92	356.08	771.40	664.50	79.02	28.00	27.60	37.20	
10	34.80	35.60	40.00	47.92	213.20	359.60	778.60	651.00	72.58	40.88	22.80	36.40	
11	37.20	38.00	36.40	36.00	270.64	338.48	787.60	643.50	64.30	44.40	22.80	29.20	
12	31.20	50.12	37.60	28.40	255.52	329.68	798.40	623.80	59.36	39.60	33.60	22.80	
13	31.20	94.66	44.84	28.80	206.80	338.48	800.20	593.00	58.92	41.32	52.32	24.80	
14	31.60	106.16	44.84	31.60	153.90	339.36	785.80	563.90	58.48	43.52	46.60	21.20	
15	32.40	89.60	40.00	23.20	116.64	326.16	764.40	517.20	53.64	47.92	49.24	15.60	
16	31.20	103.86	40.88	20.80	119.88	291.52	735.60	463.80	52.76	45.28	60.68	31.60	
17	33.20	89.14	49.68	20.00	183.12	259.12	711.60	406.00	48.80	52.32	54.96	32.00	
18	35.60	83.16	47.04	28.40	252.64	264.88	697.50	337.60	64.76	43.96	57.60	27.60	
19	31.60	83.62	57.60	22.00	259.12	276.40	687.00	267.76	67.98	49.68	56.28	26.40	
20	29.60	76.72	54.52	25.20	238.96	331.44	679.50	210.00	53.64	51.44	45.28	29.20	
21	28.40	75.80	50.12	27.60	222.80	372.80	675.00	162.00	76.26	47.48	42.64	49.68	
22	29.60	81.32	64.76	34.40	219.60	363.12	673.50	139.32	74.42	51.88	44.84	52.32	
23	27.60	91.44	90.06	56.28	226.72	341.12	675.00	138.78	70.28	48.80	37.20	36.00	
24	23.60	101.56	97.42	41.76	202.32	307.68	676.50	136.08	64.30	48.36	41.76	47.48	
25	21.60	97.42	88.22	47.04	185.04	279.28	681.00	136.08	59.36	50.12	48.36	42.64	
26	28.00	88.22	87.30	41.76	188.24	266.32	687.00	132.84	71.20	50.56	46.16	47.04	
27	32.00	75.34	90.98	37.60	199.12	269.20	694.50	127.44	77.18	48.80	37.20	77.18	
28	28.80	81.32	87.30	28.40	186.32	278.56	703.60	118.26	78.10	52.76	34.40	73.50	
29	32.00	67.98	88.68	24.80	160.38	285.76	708.40	122.04	74.88	48.80	35.20	65.68	
30	30.00	46.60	83.62	59.80	170.96	310.32	713.20	113.94	78.56	44.40		54.96	
31		46.16		29.20	204.24		710.00		75.34	34.40		51.44	
Total	902.80	2058.40	1713.86	1232.00	5302.38	8662.96	20692.06	12953.54	2378.00	1347.12	1115.92	1235.96	59595.00 CMSDAY
Mean	30.09	66.40	57.13	39.74	171.04	288.77	667.49	431.78	76.71	43.46	38.48	39.87	162.83 CMS
Max	37.20	106.16	97.42	76.26	270.64	372.80	800.20	722.80	124.20	58.04	60.68	77.18	800.20 CMS
Min	21.60	28.40	34.80	20.00	43.08	192.08	350.80	113.94	48.80	25.20	22.80	15.60	15.60 CMS
Runoff	78.00	177.85	148.08	106.44	458.13	748.48	1787.79	1119.19	205.46	116.39	96.42	106.79	5149.01 MCM
Momentary Peak		802.00	CMS, at 149.20 m. (MSL.), at 02.00 Hours, on Oct 13, 2007										
Runoff Yield		5.58	Liters/Second/Square KM.		Momentary Peak Yield	27.40	Liters/Second/Square KM.						

WATER YEAR : 2007

CHI RIVER BASIN

Lam Nam Yang at Ban Tha Ngam , Roi Et (E.92)

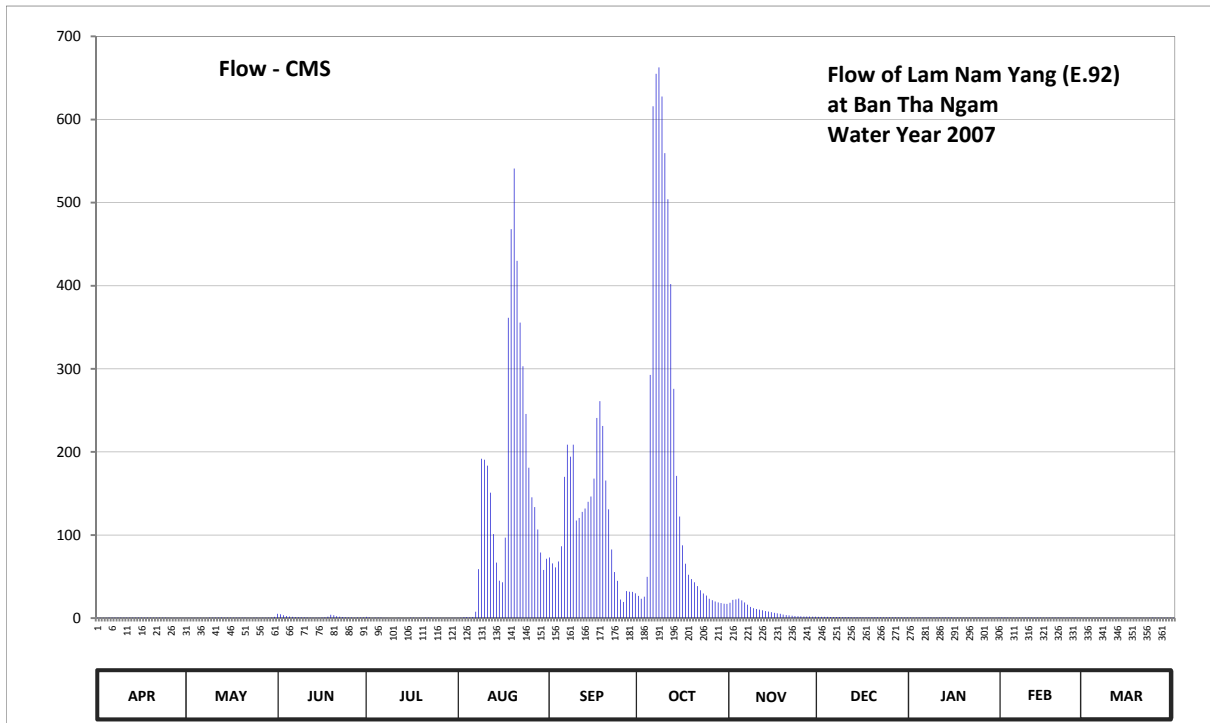
Lat 16 - 06 - 34 N Long 104 - 00 - 40 E

Location : on right bank at the bridge.

	Ban	Tha Ngam	Amphoe	Selaphum	Changwat	Roi Et
Drainage Area	3,359	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+124.500 m. (MSL.)					
Bench Mark	B.M.- Highways Dept.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+136.964 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 means of 3 readings					
Period of Available Gage Records	2007 to date					
Rating Operation						
Period of Rating	2007 to date					
Rated by Flot	-					
Rated by Current Meter	2007 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +133.660 m.(MSL.), records are channel flow only.					
General Description	Records fair. Stage-discharge relation defined by 34 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	126.02	125.98	127.14	126.47	125.99	131.65	129.25	128.59	126.54	126.21	126.14	126.03	
2	126.02	125.98	127.07	126.26	126.04	131.45	129.02	128.90	126.52	126.22	126.14	125.99	
3	126.03	126.00	126.92	126.03	126.38	131.30	129.18	128.96	126.49	126.17	126.12	125.98	
4	126.03	126.00	126.81	126.10	126.42	131.52	130.78	129.03	126.48	126.16	126.10	125.99	
5	126.04	126.00	126.63	126.10	126.30	131.93	133.81	128.85	126.46	126.14	126.10	126.00	
6	126.04	126.01	126.52	126.09	126.40	133.00	134.80	128.62	126.45	126.18	126.10	125.99	
7	126.04	126.01	126.35	126.02	127.46	133.32	134.90	128.37	126.44	126.18	126.07	125.99	
8	126.05	126.03	126.30	125.96	131.23	133.21	134.92	128.14	126.45	126.16	126.05	126.03	
9	126.05	126.10	126.25	125.93	133.19	133.32	134.83	128.00	126.38	126.16	126.04	126.03	
10	126.05	126.06	126.27	125.91	133.18	132.43	134.65	127.86	126.36	126.16	126.05	125.99	
11	126.05	126.07	126.18	125.92	133.12	132.47	134.50	127.78	126.34	126.16	126.09	125.98	
12	126.05	126.11	126.10	125.95	132.82	132.56	134.20	127.67	126.31	126.17	126.09	125.99	
13	126.05	126.13	126.10	125.92	132.20	132.61	133.73	127.56	126.30	126.19	126.09	125.98	
14	126.05	126.09	126.08	125.90	131.48	132.70	133.01	127.48	126.30	126.14	126.10	125.98	
15	126.05	126.06	126.12	125.92	130.47	132.77	132.49	127.40	126.30	126.14	126.06	125.96	
16	126.05	126.06	126.18	126.09	130.34	132.98	131.95	127.29	126.28	126.12	126.06	125.93	
17	126.05	126.08	126.28	126.04	132.13	133.53	131.44	127.21	126.31	126.10	126.09	125.93	
18	126.05	126.07	126.56	126.00	134.06	133.65	130.95	127.14	126.31	126.07	126.09	125.94	
19	126.05	126.05	127.01	126.01	134.40	133.47	130.60	127.03	126.30	126.05	126.09	125.93	
20	126.05	126.06	126.93	126.01	134.60	132.96	130.34	126.95	126.27	126.06	126.07	125.94	
21	126.06	126.05	126.75	126.06	134.29	132.60	130.03	126.91	126.25	126.10	126.07	125.97	
22	126.06	126.02	126.61	126.06	134.04	131.85	129.70	126.85	126.25	126.10	126.06	126.00	
23	126.06	126.03	126.40	126.04	133.85	131.10	129.44	126.81	126.25	126.08	126.04	126.02	
24	126.04	126.08	126.24	126.03	133.56	130.46	129.27	126.76	126.25	126.07	126.04	126.04	
25	126.00	126.07	126.20	126.01	133.10	128.94	129.02	126.71	126.25	126.06	126.05	126.00	
26	126.00	126.01	126.17	125.99	132.76	128.67	128.87	126.68	126.25	126.06	126.04	126.00	
27	125.99	126.07	126.12	125.99	132.63	129.63	128.73	126.66	126.23	126.05	126.03	126.01	
28	125.99	126.08	126.16	125.98	132.28	129.58	128.63	126.65	126.20	126.04	126.03	126.01	
29	125.99	126.09	126.22	125.98	131.78	129.57	128.56	126.61	126.21	126.04	126.03	126.01	
30	125.99	126.13	126.23	125.98	131.20	129.45	128.48	126.58	126.22	126.11	126.03	126.01	
31		126.53		125.99	131.61		128.46		126.21	126.14		126.01	
Mean	126.03	126.07	126.43	126.02	131.27	131.82	131.24	127.53	126.33	126.12	126.07	125.99	
Max	126.06	126.53	127.14	126.47	134.60	133.65	134.92	129.03	126.54	126.22	126.14	126.04	134.92
Min	125.99	125.98	126.08	125.90	125.99	128.67	128.46	126.58	126.20	126.04	126.03	125.93	125.90
Annual Max Momentary Gage Height	134.95		m. (MSL.) ,				at 05.00 Hours, on Oct 8, 2007						
Zero Gage at Bottom Elevation	124.50		m. (MSL.) ,			River Bed	124.56	m. (MSL)					
Left Bank Elevation		133.65		m. (MSL.) ,									
Right Bank Elevation		134.86		m. (MSL.) ,		Drainage Are	3,359	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.44	0.36	5.12	1.43	0.38	73.00	26.75	18.49	1.60	0.82	0.68	0.46	
2	0.44	0.36	4.56	0.92	0.48	65.75	23.30	21.90	1.55	0.84	0.68	0.38	
3	0.46	0.40	3.36	0.46	1.20	61.00	25.70	22.56	1.48	0.74	0.64	0.36	
4	0.46	0.40	2.57	0.60	1.30	68.20	49.70	23.45	1.45	0.72	0.60	0.38	
5	0.48	0.40	1.83	0.60	1.00	86.50	292.60	21.35	1.40	0.68	0.60	0.40	
6	0.48	0.42	1.55	0.58	1.25	170.00	616.00	18.82	1.38	0.76	0.60	0.38	
7	0.48	0.42	1.13	0.44	7.68	208.80	655.00	16.07	1.35	0.76	0.54	0.38	
8	0.50	0.46	1.00	0.32	58.90	194.30	662.80	13.54	1.38	0.72	0.50	0.46	
9	0.50	0.60	0.90	0.26	191.80	208.80	627.70	12.00	1.20	0.72	0.48	0.46	
10	0.50	0.52	0.94	0.22	190.60	117.40	559.50	10.88	1.15	0.72	0.50	0.38	
11	0.50	0.54	0.76	0.24	183.40	120.60	504.00	10.24	1.10	0.72	0.58	0.36	
12	0.50	0.62	0.60	0.30	151.00	127.80	402.00	9.36	1.03	0.74	0.58	0.38	
13	0.50	0.66	0.60	0.24	101.00	131.90	276.00	8.48	1.00	0.78	0.58	0.36	
14	0.50	0.58	0.56	0.20	66.80	140.00	171.10	7.84	1.00	0.68	0.60	0.36	
15	0.50	0.52	0.64	0.24	45.05	146.30	122.20	7.20	1.00	0.68	0.52	0.32	
16	0.50	0.52	0.76	0.58	43.10	167.80	87.50	6.32	0.96	0.64	0.52	0.26	
17	0.50	0.56	0.96	0.48	96.80	240.80	65.40	5.68	1.03	0.60	0.58	0.26	
18	0.50	0.54	1.65	0.40	361.40	261.00	52.25	5.12	1.03	0.54	0.58	0.28	
19	0.50	0.50	4.08	0.42	468.00	231.20	47.00	4.24	1.00	0.50	0.58	0.26	
20	0.50	0.52	3.44	0.42	541.00	165.60	43.10	3.60	0.94	0.52	0.54	0.28	
21	0.52	0.50	2.25	0.52	429.90	131.00	38.45	3.28	0.90	0.60	0.54	0.34	
22	0.52	0.44	1.78	0.52	355.60	82.50	33.50	2.85	0.90	0.60	0.52	0.40	
23	0.52	0.46	1.25	0.48	303.00	55.50	29.60	2.57	0.90	0.56	0.48	0.44	
24	0.48	0.56	0.88	0.46	245.60	44.90	27.05	2.30	0.90	0.54	0.48	0.48	
25	0.40	0.54	0.80	0.42	181.00	22.34	23.30	2.05	0.90	0.52	0.50	0.40	
26	0.40	0.42	0.74	0.38	145.40	19.37	21.57	1.95	0.90	0.52	0.48	0.40	
27	0.38	0.54	0.64	0.38	133.70	32.45	20.03	1.90	0.86	0.50	0.46	0.42	
28	0.38	0.56	0.72	0.36	106.60	31.70	18.93	1.88	0.80	0.48	0.46	0.42	
29	0.38	0.58	0.84	0.36	79.00	31.55	18.16	1.78	0.82	0.48	0.46	0.42	
30	0.38	0.66	0.86	0.36	58.00	29.75	17.28	1.70	0.84	0.62		0.42	
31		1.58		0.38	71.40		17.06		0.82	0.68		0.42	
Total	14.10	16.74	47.77	13.97	4621.34	3467.81	5574.53	269.40	33.57	19.98	15.86	11.72	14106.79 CMSDAY
Mean	0.47	0.54	1.59	0.45	149.08	115.59	179.82	8.98	1.08	0.64	0.55	0.38	38.54 CMS
Max	0.52	1.58	5.12	1.43	541.00	261.00	662.80	23.45	1.60	0.84	0.68	0.48	662.80 CMS
Min	0.38	0.36	0.56	0.20	0.38	19.37	17.06	1.70	0.80	0.48	0.46	0.26	0.20 CMS
Runoff	1.22	1.45	4.13	1.21	399.28	299.62	481.64	23.28	2.90	1.73	1.37	1.01	1218.83 MCM
Momentary Peak	674.50 CMS, at 134.95 m. (MSL), at 05.00 Hours, on Oct 8, 2007												
Runoff Yield	11.51 Liters/Second/Square KM.			Momentary Peak Yield				200.80 Liters/Second/Square KM.					

WATER YEAR : 2007

MUN RIVER BASIN

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

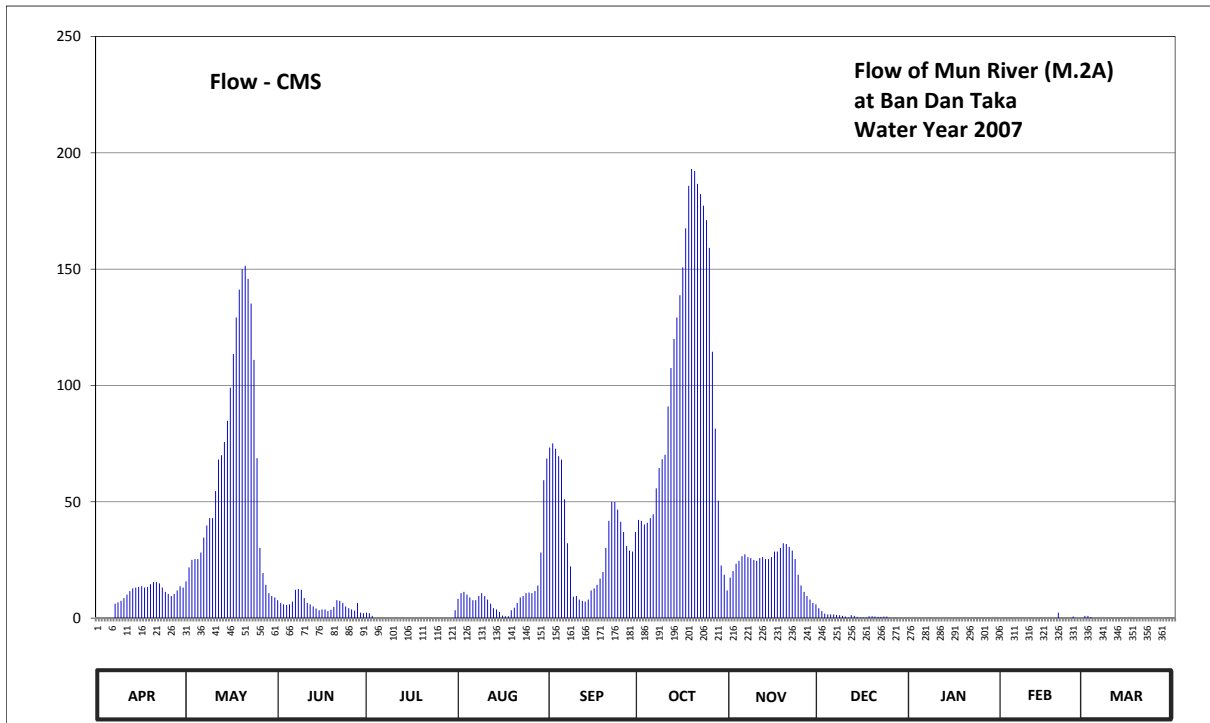
Lat 14 - 57 - 57 N Long 102 - 14 - 38 E

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	Overbank flow starts at elevation +166.200 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

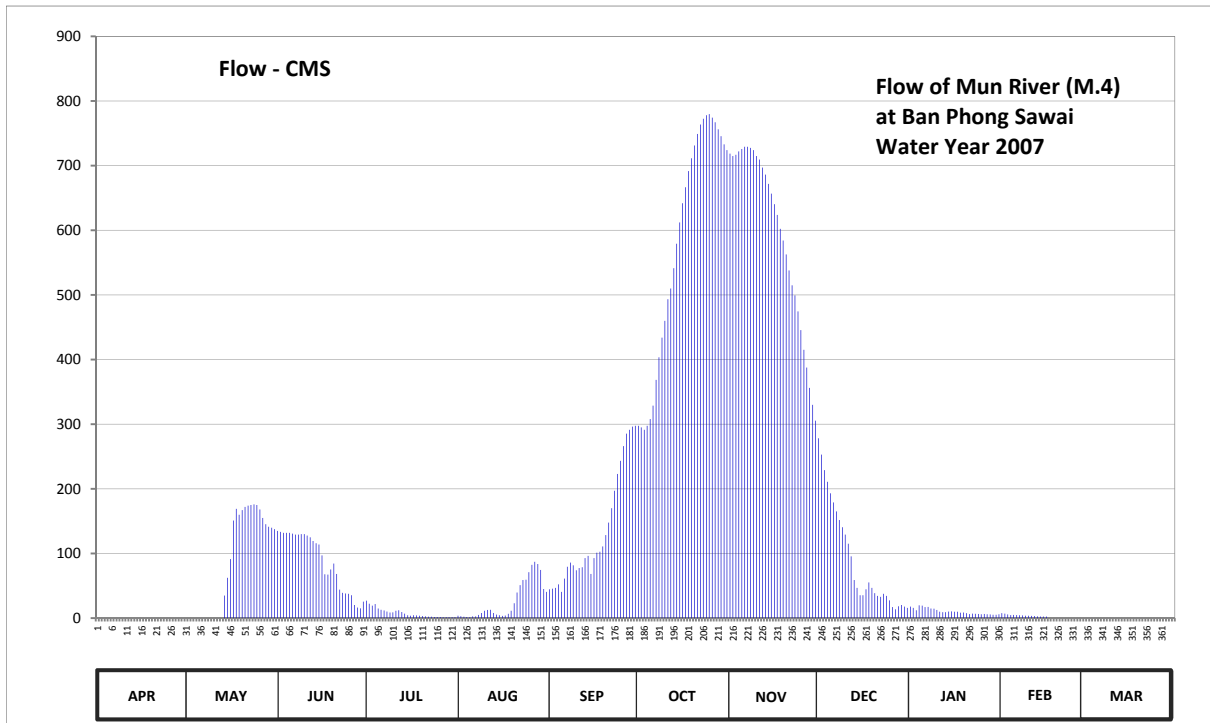
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	163.27	163.66	163.39	163.15	163.41	165.21	164.33	163.71	163.26	162.98	161.77	163.07	
2	163.25	163.82	163.35	163.14	163.49	165.27	164.32	163.78	163.19	162.92	161.75	163.07	
3	163.21	163.90	163.33	163.07	163.51	165.19	164.28	163.86	163.13	162.86	161.80	163.03	
4	163.24	163.91	163.32	162.99	163.47	165.03	164.30	163.89	163.11	162.82	161.79	162.97	
5	163.24	163.91	163.33	162.91	163.43	164.84	164.35	163.94	163.11	162.74	161.77	163.00	
6	163.26	163.98	163.37	162.91	163.39	164.51	164.39	163.96	163.11	162.68	161.74	162.99	
7	163.34	164.14	163.54	162.91	163.39	164.08	164.59	163.93	163.10	162.66	161.70	162.95	
8	163.36	164.27	163.55	162.87	163.45	163.83	164.74	163.92	163.09	162.62	161.63	162.86	
9	163.38	164.35	163.54	162.87	163.49	163.44	164.87	163.90	163.07	162.56	161.55	162.83	
10	163.42	164.35	163.42	162.84	163.45	163.45	165.06	163.89	163.05	162.53	161.45	162.80	
11	163.47	164.57	163.35	162.79	163.40	163.40	165.72	163.92	163.02	162.49	161.35	162.71	
12	163.52	164.84	163.33	162.77	163.34	163.38	166.05	163.93	163.09	162.43	161.26	162.66	
13	163.56	165.05	163.30	162.66	163.26	163.37	166.30	163.91	163.07	162.37	161.11	162.61	
14	163.57	165.29	163.25	162.59	163.23	163.40	166.47	163.91	163.04	162.33	161.02	162.58	
15	163.58	165.57	163.21	162.46	163.17	163.53	166.63	163.93	163.02	162.28	160.92	162.52	
16	163.59	165.88	163.23	162.36	163.08	163.56	166.81	163.99	163.02	162.26	160.95	162.50	
17	163.57	166.17	163.23	162.21	163.06	163.61	167.05	163.99	163.02	162.24	160.95	162.48	
18	163.58	166.47	163.19	162.10	163.06	163.70	167.31	164.03	163.06	162.20	160.97	162.43	
19	163.62	166.67	163.22	162.01	163.21	163.77	167.40	164.08	163.06	162.18	161.79	162.36	
20	163.65	166.80	163.29	161.93	163.27	164.03	167.39	164.07	163.05	162.17	163.15	162.30	
21	163.65	166.82	163.39	161.90	163.35	164.32	167.32	164.04	163.04	162.13	162.99	162.24	
22	163.63	166.74	163.38	161.88	163.43	164.49	167.26	164.00	163.04	162.11	162.86	162.15	
23	163.57	166.57	163.35	162.03	163.45	164.49	167.19	163.91	163.05	162.10	162.62	162.03	
24	163.51	166.12	163.30	162.13	163.49	164.43	167.10	163.74	163.05	162.08	162.83	161.97	
25	163.48	164.95	163.26	162.14	163.50	164.31	166.93	163.60	163.01	162.06	163.05	161.92	
26	163.45	164.03	163.23	162.36	163.49	164.20	166.19	163.51	162.97	162.02	162.95	161.81	
27	163.48	163.76	163.20	162.38	163.52	164.05	165.48	163.45	163.01	161.97	162.86	161.71	
28	163.53	163.61	163.35	162.37	163.60	164.00	164.50	163.40	163.00	161.84	162.90	161.56	
29	163.59	163.49	163.15	162.34	163.98	163.99	163.84	163.35	163.00	161.79	163.01	161.61	
30	163.57	163.45	163.14	162.76	164.65	164.20	163.74	163.33	163.00	161.79		162.15	
31		163.43		163.21	164.93		163.53		162.99	161.78		162.57	
Mean	163.47	164.86	163.32	162.55	163.48	164.10	165.66	163.83	163.06	162.32	161.95	162.47	
Max	163.65	166.82	163.55	163.21	164.93	165.27	167.40	164.08	163.26	162.98	163.15	163.07	167.40
Min	163.21	163.43	163.14	161.88	163.06	163.37	163.53	163.33	162.97	161.78	160.92	161.56	160.92
Annual Max Momentary Gage Height	167.41		m. (MSL.) ,				at 12.00 Hours ,						on Oct 19, 2007
Zero Gage at Bottom Elevation	161.00		m. (MSL.) ,			River Bed	159.64		m. (MSL.)				
Left Bank Elevation		168.21		m. (MSL.) ,									
Right Bank Elevation		166.18		m. (MSL.) ,		Drainage Are	4,724		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	15.80	7.70	2.30	8.30	73.30	42.20	17.40	4.28	0.00	0.00	0.98	
2	0.00	21.80	6.50	2.12	10.70	75.10	41.80	20.20	3.02	0.00	0.00	0.98	
3	0.00	25.00	5.90	0.98	11.30	72.80	40.20	23.40	1.94	0.00	0.00	0.42	
4	0.00	25.40	5.60	0.00	10.10	69.60	41.00	24.60	1.58	0.00	0.00	0.00	
5	0.00	25.40	5.90	0.00	8.90	68.16	43.00	26.60	1.58	0.00	0.00	0.00	
6	0.00	28.20	7.10	0.00	7.70	51.08	44.60	27.40	1.58	0.00	0.00	0.00	
7	6.20	34.60	12.20	0.00	7.70	32.20	55.75	26.20	1.40	0.00	0.00	0.00	
8	6.80	39.80	12.50	0.00	9.50	22.20	64.50	25.80	1.26	0.00	0.00	0.00	
9	7.40	43.00	12.20	0.00	10.70	9.20	68.28	25.00	0.98	0.00	0.00	0.00	
10	8.60	43.00	8.60	0.00	9.50	9.50	70.20	24.60	0.70	0.00	0.00	0.00	
11	10.10	54.58	6.50	0.00	8.00	8.00	91.00	25.80	0.28	0.00	0.00	0.00	
12	11.60	68.16	5.90	0.00	6.20	7.40	107.50	26.20	1.26	0.00	0.00	0.00	
13	12.80	70.00	5.00	0.00	4.28	7.10	120.00	25.40	0.98	0.00	0.00	0.00	
14	13.10	75.70	4.10	0.00	3.74	8.00	129.20	25.40	0.56	0.00	0.00	0.00	
15	13.40	84.80	3.38	0.00	2.66	11.90	138.80	26.20	0.28	0.00	0.00	0.00	
16	13.70	99.00	3.74	0.00	1.12	12.80	150.70	28.60	0.28	0.00	0.00	0.00	
17	13.10	113.50	3.74	0.00	0.84	14.30	167.50	28.60	0.28	0.00	0.00	0.00	
18	13.40	129.20	3.02	0.00	0.84	17.00	185.80	30.20	0.84	0.00	0.00	0.00	
19	14.60	141.20	3.56	0.00	3.38	19.80	193.00	32.20	0.84	0.00	0.00	0.00	
20	15.50	150.00	4.82	0.00	4.46	30.20	192.20	31.80	0.70	0.00	2.30	0.00	
21	15.50	151.40	7.70	0.00	6.50	41.80	186.60	30.60	0.56	0.00	0.00	0.00	
22	14.90	145.80	7.40	0.00	8.90	49.95	182.20	29.00	0.56	0.00	0.00	0.00	
23	13.10	135.20	6.50	0.00	9.50	49.95	177.30	25.40	0.70	0.00	0.00	0.00	
24	11.30	111.00	5.00	0.00	10.70	46.65	171.00	18.60	0.70	0.00	0.00	0.00	
25	10.40	68.70	4.28	0.00	11.00	41.40	159.10	14.00	0.14	0.00	0.70	0.00	
26	9.50	30.20	3.74	0.00	10.70	37.00	114.50	11.30	0.00	0.00	0.00	0.00	
27	10.40	19.40	3.20	0.00	11.60	31.00	81.40	9.50	0.14	0.00	0.00	0.00	
28	11.90	14.30	6.50	0.00	14.00	29.00	50.50	8.00	0.00	0.00	0.00	0.00	
29	13.70	10.70	2.30	0.00	28.20	28.60	22.60	6.50	0.00	0.00	0.14	0.00	
30	13.10	9.50	2.12	0.00	59.25	37.00	18.60	5.90	0.00	0.00	0.00	0.00	
31		8.90		3.38	68.58		11.90		0.00	0.00		0.00	
Total	284.10	1993.24	176.70	8.78	368.85	1011.99	3162.93	680.40	27.42	0.00	3.14	2.38	7719.93 CMSDAY
Mean	9.47	64.30	5.89	0.28	11.90	33.73	102.03	22.68	0.88	0.00	0.11	0.08	21.09 CMS
Max	15.50	151.40	12.50	3.38	68.58	75.10	193.00	32.20	4.28	0.00	2.30	0.98	193.00 CMS
Min	0.00	8.90	2.12	0.00	0.84	7.10	11.90	5.90	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	24.55	172.22	15.27	0.76	31.87	87.44	273.28	58.79	2.37	0.00	0.27	0.21	667.00 MCM
Momentary Peak	193.80	CMS.	at 167.41 m. (MSL.)	at 12.00 Hours	on Oct 19, 2007								
Runoff Yield	4.48	Liters/Second/Square KM.			Momentary Peak Yield	41.02	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	134.80	27.00	3.80	44.50	297.60	718.60	278.20	17.80	7.60	0.00	
2	0.00	0.00	133.40	22.20	3.00	45.60	295.00	715.00	253.00	15.80	7.00	0.00	
3	0.00	0.00	132.00	19.40	2.20	46.80	291.40	716.80	229.00	12.20	5.60	0.00	
4	0.00	0.00	132.00	21.80	1.70	52.20	297.60	722.20	211.00	19.80	4.80	0.00	
5	0.00	0.00	132.00	14.90	1.50	40.50	308.00	725.80	193.00	19.40	5.00	0.00	
6	0.00	0.00	130.60	12.80	2.60	61.20	328.80	729.40	179.00	17.00	4.80	0.00	
7	0.00	0.00	129.20	11.90	2.80	79.50	368.70	729.40	165.00	17.40	4.40	0.00	
8	0.00	0.00	129.20	10.10	5.00	85.80	403.50	727.60	151.80	14.90	4.20	0.00	
9	0.00	0.00	129.90	8.60	7.80	81.60	433.95	724.00	140.60	14.60	3.60	0.00	
10	0.00	0.00	129.90	8.90	11.30	73.90	460.05	715.00	129.20	12.50	3.60	0.00	
11	0.00	0.00	127.80	11.30	12.50	77.40	493.40	709.60	115.20	9.80	3.40	0.00	
12	0.00	0.00	125.00	12.20	12.80	78.80	509.95	697.00	95.60	9.20	3.20	0.00	
13	0.00	0.00	119.40	9.50	7.80	92.80	541.30	686.20	58.80	9.20	2.60	0.00	
14	0.00	35.00	115.90	7.00	5.40	96.30	579.25	671.80	46.80	10.10	2.40	0.00	
15	0.00	62.40	113.80	4.40	4.40	68.40	612.25	656.80	35.50	10.40	2.40	0.00	
16	0.00	91.40	97.00	3.80	3.40	92.80	641.95	640.30	35.50	9.80	2.40	0.00	
17	0.00	151.00	67.80	4.40	4.00	101.20	666.70	623.80	44.50	9.80	0.00	0.00	
18	0.00	169.00	67.20	4.20	6.60	102.60	691.60	602.35	55.20	8.30	0.00	0.00	
19	0.00	160.00	75.30	3.80	11.30	111.00	711.40	584.20	46.80	8.60	0.00	0.00	
20	0.00	167.00	84.40	3.20	23.00	128.50	731.20	562.75	38.50	7.60	0.00	0.00	
21	0.00	172.00	68.40	2.60	39.50	147.80	749.20	538.00	34.50	6.20	0.00	0.00	
22	0.00	174.00	44.00	2.20	51.00	170.00	763.60	514.90	33.00	6.80	0.00	0.00	
23	0.00	175.00	39.00	2.20	58.80	197.00	772.60	499.20	37.50	6.60	0.00	0.00	
24	0.00	176.00	38.00	1.80	59.40	223.00	778.00	474.55	34.50	6.40	0.00	0.00	
25	0.00	175.00	37.50	1.80	71.10	243.40	779.80	445.55	27.50	6.00	0.00	0.00	
26	0.00	168.00	35.50	1.60	82.30	266.20	774.40	415.10	17.00	6.40	0.00	0.00	
27	0.00	155.00	20.20	1.50	87.20	285.40	767.20	387.55	13.70	6.00	0.00	0.00	
28	0.00	145.40	16.40	1.50	83.70	291.40	756.40	356.10	18.20	5.60	0.00	0.00	
29	0.00	141.40	15.20	1.50	74.60	296.30	745.60	330.10	20.20	5.20	0.00	0.00	
30	0.00	139.80	25.50	1.50	45.00	297.60	733.00	305.40	17.80	5.20	0.00	0.00	
31	0.00	137.60		1.40	40.50		724.00		15.80	5.80		0.00	
Total	0.00	2595.00	2646.30	241.00	826.00	3979.50	18007.40	17925.05	2771.90	320.40	67.00	0.00	49379.55 CMSDAY
Mean	0.00	83.71	88.21	7.77	26.65	132.65	580.88	597.50	89.42	10.34	2.31	0.00	134.92 CMS
Max	0.00	176.00	134.80	27.00	87.20	297.60	779.80	729.40	278.20	19.80	7.60	0.00	779.80 CMS
Min	0.00	0.00	15.20	1.40	1.50	40.50	291.40	305.40	13.70	5.20	0.00	0.00	0.00 CMS
Runoff	0.00	224.21	228.64	20.82	71.37	343.83	1555.84	1548.72	239.49	27.68	5.79	0.00	4266.39 MCM
Momentary Peak	779.80 CMS. at 124.61 m. (MSL.) at 06.00 Hours , on Oct 25 , 2007												
Runoff Yield	3.90 Liters/Second/Square KM.			Momentary Peak Yield				22.50 Liters/Second/Square KM.					

WATER YEAR : 2007

MUN RIVER BASIN

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

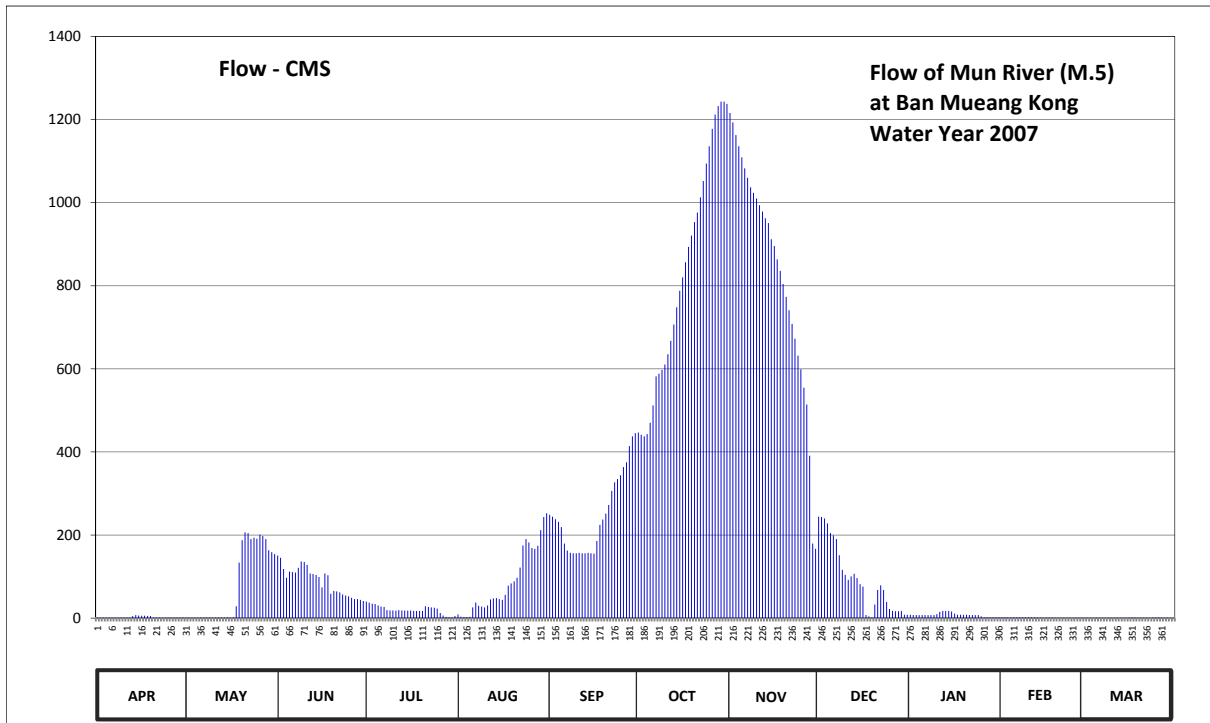
Lat 15 - 20 - 16 N Long 104 - 09 - 21 E

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.		
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	Overbank flow starts at elevation +118.150 m.(MSL.), records are channel flow only.		
General Description	Records very good. Flow effected by Rasi Salai barrage about 10 kilometers above gage site. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.90	109.90	112.04	110.58	110.14	113.13	114.92	118.77	113.08	110.13	109.98	109.89	
2	109.90	109.90	111.98	110.55	110.04	113.08	114.88	118.71	113.07	110.12	109.98	109.89	
3	109.90	109.90	111.68	110.51	110.02	113.01	114.85	118.63	113.03	110.12	109.98	109.89	
4	109.90	109.90	111.40	110.50	110.02	112.94	114.89	118.56	112.90	110.12	109.98	109.89	
5	109.90	109.90	111.61	110.45	110.03	112.80	115.10	118.49	112.64	110.12	109.98	109.89	
6	109.90	109.96	111.60	110.41	110.38	112.36	115.42	118.42	112.58	110.12	109.98	109.89	
7	109.90	109.96	111.58	110.40	110.55	112.17	115.96	118.36	112.48	110.12	109.98	109.89	
8	109.90	109.96	111.71	110.29	110.44	112.11	116.01	118.30	112.05	110.12	109.98	109.89	
9	109.90	109.96	111.88	110.28	110.41	112.10	116.08	118.25	111.66	110.12	109.98	109.89	
10	109.90	109.92	111.87	110.28	110.38	112.10	116.18	118.20	111.50	110.15	109.98	109.89	
11	109.90	109.94	111.79	110.27	110.45	112.11	116.33	118.14	111.33	110.23	109.98	109.89	
12	109.90	109.95	111.55	110.29	110.66	112.10	116.52	118.08	111.45	110.26	109.98	109.89	
13	110.07	109.96	111.53	110.28	110.69	112.10	116.75	118.01	111.54	110.26	109.95	109.89	
14	110.12	109.97	111.50	110.27	110.70	112.11	116.99	117.96	111.39	110.26	109.93	109.89	
15	110.10	109.98	111.43	110.27	110.67	112.10	117.21	117.79	111.18	110.24	109.92	109.89	
16	110.09	109.90	111.07	110.27	110.64	112.09	117.39	117.72	111.10	110.17	109.91	109.92	
17	110.09	109.98	111.55	110.26	110.81	112.43	117.55	117.58	110.12	110.13	109.91	109.97	
18	110.08	110.42	111.49	110.26	111.13	112.86	117.71	117.46	110.06	110.13	109.90	109.97	
19	110.07	111.85	110.85	110.26	111.21	113.00	117.83	117.30	110.00	110.13	109.90	109.87	
20	109.90	112.45	110.95	110.26	111.28	113.16	117.97	117.13	110.48	110.13	109.89	109.91	
21	109.90	112.66	110.93	110.42	111.40	113.39	118.07	116.95	110.98	110.12	109.89	109.92	
22	109.90	112.64	110.90	110.40	111.72	113.77	118.21	116.76	111.14	110.12	109.89	109.87	
23	109.90	112.48	110.83	110.38	112.31	114.00	118.34	116.55	110.98	110.12	109.89	109.85	
24	109.90	112.52	110.79	110.37	112.48	114.06	118.45	116.31	110.57	110.12	109.88	109.94	
25	109.90	112.49	110.76	110.34	112.39	114.13	118.56	116.09	110.33	110.06	109.88	109.95	
26	109.90	112.60	110.71	110.19	112.24	114.28	118.67	115.75	110.26	109.99	109.88	109.99	
27	109.90	112.56	110.67	110.10	112.22	114.37	118.76	115.44	110.25	109.99	109.88	109.92	
28	109.90	112.48	110.67	110.03	112.30	114.67	118.81	114.49	110.25	109.98	109.88	109.89	
29	109.90	112.18	110.64	110.01	112.72	114.85	118.83	112.36	110.26	109.98	109.88	109.88	
30	109.94	112.13	110.60	110.01	113.07	114.91	118.83	112.22	110.13	109.98	109.88	109.88	
31		112.08		110.07	113.17		118.82		110.13	109.98		109.89	
Mean	109.95	110.98	111.29	110.30	111.18	113.08	117.13	117.16	111.26	110.12	109.93	109.90	
Max	110.12	112.66	112.04	110.58	113.17	114.91	118.83	118.77	113.08	110.26	109.98	109.99	118.83
Min	109.90	109.90	110.60	110.01	110.02	112.09	114.85	112.22	110.00	109.98	109.88	109.85	109.85
Annual Max Momentary Gage Height	118.83		m. (MSL.) ,				at 18.00 Hours ,						on Oct 28, 2007
Zero Gage at Bottom Elevation	110.00		m. (MSL.) ,			River Bed	109.04	m. (MSL.)					
Left Bank Elevation		122.04		m. (MSL.) ,									
Right Bank Elevation		118.10		m. (MSL.) ,		Drainage Are	45,295	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.00	1.00	150.60	39.60	8.80	248.70	446.60	1215.60	244.20	8.10	1.80	0.90	
2	1.00	1.00	145.20	37.50	3.60	244.20	441.40	1192.80	243.30	7.40	1.80	0.90	
3	1.00	1.00	118.20	34.70	2.80	237.90	437.50	1162.40	239.70	7.40	1.80	0.90	
4	1.00	1.00	97.00	34.00	2.80	231.60	442.70	1135.80	228.00	7.40	1.80	0.90	
5	1.00	1.00	111.90	30.50	3.20	219.00	470.00	1109.20	204.60	7.40	1.80	0.90	
6	1.00	1.60	111.00	27.70	25.60	179.40	511.60	1082.60	199.20	7.40	1.80	0.90	
7	1.00	1.60	109.60	27.00	37.50	162.30	581.80	1059.80	190.20	7.40	1.80	0.90	
8	1.00	1.60	120.90	19.30	29.80	156.90	588.30	1037.00	151.50	7.40	1.80	0.90	
9	1.00	1.60	136.20	18.60	27.70	156.00	597.40	1023.50	116.40	7.40	1.80	0.90	
10	1.00	1.20	135.30	18.60	25.60	156.00	610.40	1010.00	104.00	9.50	1.80	0.90	
11	1.00	1.40	128.10	17.90	30.50	156.90	635.10	993.80	92.10	15.10	1.80	0.90	
12	1.00	1.50	107.50	19.30	45.20	156.00	667.40	978.40	100.50	17.20	1.80	0.90	
13	4.80	1.60	106.10	18.60	47.30	156.00	706.50	962.30	106.80	17.20	1.50	0.90	
14	7.40	1.70	104.00	17.90	48.00	156.90	748.20	950.80	96.30	17.20	1.30	0.90	
15	6.00	1.80	99.10	17.90	45.90	156.00	787.80	911.70	81.60	15.80	1.20	0.90	
16	5.60	1.00	73.90	17.90	43.80	155.10	820.20	895.60	76.00	10.90	1.10	1.20	
17	5.60	1.80	107.50	17.20	55.70	185.70	856.50	863.40	7.40	8.10	1.10	1.70	
18	5.20	28.40	103.30	17.20	78.10	224.40	893.30	835.80	4.40	8.10	1.00	1.70	
19	4.80	133.50	58.50	17.20	83.70	237.00	920.90	804.00	2.00	8.10	1.00	0.70	
20	1.00	187.50	65.50	17.20	88.60	251.40	953.10	773.40	32.60	8.10	0.90	1.10	
21	1.00	206.40	64.10	28.40	97.00	272.10	976.10	741.00	67.60	7.40	0.90	1.20	
22	1.00	204.60	62.00	27.00	121.80	306.30	1012.70	708.20	78.80	7.40	0.90	0.70	
23	1.00	190.20	57.10	25.60	174.90	327.00	1052.20	672.50	67.60	7.40	0.90	0.50	
24	1.00	193.80	54.30	24.90	190.20	334.80	1094.00	631.70	38.90	7.40	0.80	1.40	
25	1.00	191.10	52.20	22.80	182.10	343.90	1135.80	598.70	22.10	4.40	0.80	1.50	
26	1.00	201.00	48.70	12.30	168.60	363.40	1177.60	554.50	17.20	1.90	0.80	1.90	
27	1.00	197.40	45.90	6.00	166.80	375.10	1211.80	514.20	16.50	1.90	0.80	1.20	
28	1.00	190.20	45.90	3.20	174.00	414.10	1232.30	390.70	16.50	1.80	0.80	0.90	
29	1.00	163.20	43.80	2.40	211.80	437.50	1242.90	179.40	17.20	1.80	0.80	0.80	
30	1.40	158.70	41.00	2.40	243.30	445.30	1242.90	166.80	8.10	1.80		0.80	
31		154.20		4.80	252.30		1237.60		8.10	1.80		0.90	
Total	62.80	2423.60	2704.40	625.60	2717.00	7446.90	25732.60	25155.60	2879.40	247.60	38.20	31.70	70065.40 CMSDAY
Mean	2.09	78.18	90.15	20.18	87.65	248.23	830.08	838.52	92.88	7.99	1.32	1.02	191.44 CMS
Max	7.40	206.40	150.60	39.60	252.30	445.30	1242.90	1215.60	244.20	17.20	1.80	1.90	1242.90 CMS
Min	1.00	1.00	41.00	2.40	2.80	155.10	437.50	166.80	2.00	1.80	0.80	0.50	0.50 CMS
Runoff	5.43	209.40	233.66	54.05	234.75	643.41	2223.30	2173.44	248.78	21.39	3.30	2.74	6053.65 MCM
Momentary Peak	1242.90	CMS.	at 118.83 m. (MSL.)	at 18.00 Hours	on Oct 28, 2007								
Runoff Yield	4.24	Liters/Second/Square KM.		Momentary Peak Yield	27.44	Liters/Second/Square KM.							

WATER YEAR : 2007

MUN RIVER BASIN

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

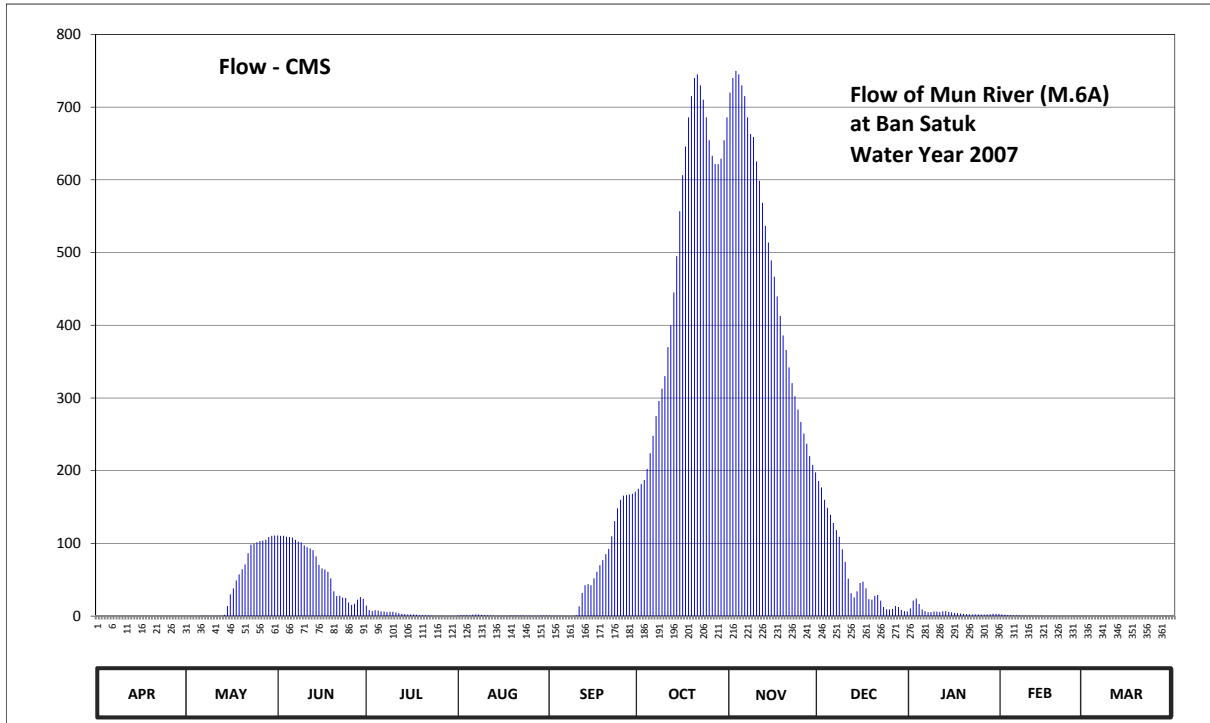
Lat 15 - 17 - 53 N Long 103 - 17 - 46 E

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	+133.541 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	Overbank flow starts at elevation +127.540 m.(MSL.), records are channel flow only.		
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 21 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.75	123.64	126.45	124.54	123.84	123.82	127.34	130.09	127.47	124.44	123.96	123.72	
2	123.75	123.64	126.44	124.34	123.87	123.80	127.42	130.13	127.36	124.71	123.93	123.71	
3	123.73	123.65	126.44	124.25	123.88	123.79	127.49	130.15	127.15	124.78	123.90	123.71	
4	123.71	123.65	126.42	124.34	123.88	123.77	127.68	130.14	127.00	124.59	123.89	123.71	
5	123.71	123.68	126.41	124.30	123.86	123.77	127.92	130.11	126.86	124.40	123.86	123.70	
6	123.70	123.77	126.40	124.23	123.93	123.76	128.16	130.08	126.70	124.26	123.85	123.69	
7	123.70	123.78	126.35	124.22	123.95	123.76	128.40	130.02	126.56	124.17	123.83	123.69	
8	123.70	123.78	126.31	124.17	123.94	123.75	128.56	129.97	126.42	124.16	123.82	123.68	
9	123.70	123.77	126.29	124.20	123.91	123.75	128.69	129.96	126.13	124.23	123.81	123.68	
10	123.69	123.75	126.22	124.19	123.89	123.88	128.80	129.88	125.81	124.21	123.79	123.68	
11	123.69	123.75	126.18	124.12	123.86	124.51	129.00	129.81	125.35	124.16	123.79	123.67	
12	123.68	123.78	126.15	124.06	123.83	124.96	129.15	129.73	124.95	124.24	123.78	123.66	
13	123.68	123.80	126.11	124.01	123.81	125.17	129.33	129.64	124.82	124.25	123.77	123.66	
14	123.68	123.91	125.96	123.97	123.79	125.20	129.51	129.57	125.00	124.18	123.77	123.66	
15	123.69	124.52	125.73	123.95	123.77	125.17	129.70	129.49	125.23	124.13	123.76	123.66	
16	123.69	124.92	125.63	123.95	123.77	125.36	129.83	129.41	125.27	124.09	123.76	123.66	
17	123.68	125.08	125.60	123.96	123.78	125.54	129.93	129.31	125.08	124.07	123.75	123.65	
18	123.67	125.30	125.54	123.93	123.77	125.72	130.02	129.21	124.76	124.04	123.75	123.65	
19	123.68	125.47	125.36	123.89	123.84	125.86	130.08	129.08	124.74	124.00	123.74	123.65	
20	123.68	125.61	125.00	123.87	123.84	126.02	130.13	128.98	124.87	123.98	123.74	123.65	
21	123.67	125.74	124.86	123.85	123.84	126.14	130.14	128.86	124.90	123.96	123.74	123.64	
22	123.67	126.04	124.88	123.84	123.84	126.43	130.11	128.74	124.71	123.95	123.73	123.64	
23	123.67	126.24	124.81	123.82	123.84	126.74	130.07	128.61	124.49	123.96	123.73	123.65	
24	123.67	126.26	124.80	123.80	123.82	126.99	130.02	128.47	124.41	123.96	123.72	123.66	
25	123.67	126.29	124.64	123.79	123.81	127.15	129.95	128.34	124.40	123.95	123.72	123.65	
26	123.67	126.32	124.56	123.78	123.80	127.22	129.90	128.19	124.42	123.93	123.72	123.65	
27	123.66	126.33	124.60	123.75	123.79	127.23	129.87	128.05	124.52	123.95	123.72	123.65	
28	123.66	126.35	124.74	123.74	123.80	127.24	129.87	127.88	124.49	123.97	123.72	123.65	
29	123.65	126.41	124.83	123.75	123.82	127.25	129.89	127.75	124.35	124.02	123.72	123.64	
30	123.64	126.44	124.77	123.77	123.84	127.29	129.95	127.62	124.26	124.01	123.72	123.64	
31		126.45		123.76	123.83		130.02		124.22	124.01		123.63	
Mean	123.69	124.91	125.62	124.00	123.84	125.37	129.26	129.24	125.38	124.15	123.79	123.67	
Max	123.75	126.45	126.45	124.54	123.95	127.29	130.14	130.15	127.47	124.78	123.96	123.72	130.15
Min	123.64	123.64	124.56	123.74	123.77	123.75	127.34	127.62	124.22	123.93	123.72	123.63	123.63
Annual Max Momentary Gage Height	130.15		m. (MSL.) ,				at 06.00 Hours ,	on Nov 3, 2007					
Zero Gage at Bottom Elevation	124.00		m. (MSL.) ,				River Bed	121.41	m. (MSL.)				
Left Bank Elevation		127.53		m. (MSL.) ,									
Right Bank Elevation		132.17		m. (MSL.) ,			Drainage Are	28,458	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	111.00	14.60	0.90	0.70	175.20	720.10	185.60	10.60	2.40	0.10	
2	0.00	0.00	110.40	8.10	1.20	0.50	181.60	740.00	176.80	21.40	1.95	0.05	
3	0.00	0.00	110.40	6.75	1.30	0.45	187.20	750.00	160.00	24.20	1.50	0.05	
4	0.00	0.00	109.20	8.10	1.30	0.35	202.40	745.00	149.00	16.60	1.40	0.05	
5	0.00	0.00	108.60	7.50	1.10	0.35	224.00	730.00	139.20	9.00	1.10	0.00	
6	0.00	0.35	108.00	6.45	1.95	0.30	248.00	715.20	128.00	6.90	1.00	0.00	
7	0.00	0.40	105.00	6.30	2.25	0.30	275.00	685.80	118.20	5.55	0.80	0.00	
8	0.00	0.40	102.60	5.55	2.10	0.25	295.80	663.10	109.20	5.40	0.70	0.00	
9	0.00	0.35	101.40	6.00	1.65	0.25	312.70	658.80	91.80	6.45	0.60	0.00	
10	0.00	0.25	97.20	5.85	1.40	1.30	330.00	625.40	74.50	6.15	0.45	0.00	
11	0.00	0.25	94.80	4.80	1.10	13.40	370.00	598.80	51.50	5.40	0.45	0.00	
12	0.00	0.40	93.00	3.90	0.80	32.00	400.00	568.40	31.50	6.60	0.40	0.00	
13	0.00	0.50	90.60	3.15	0.60	42.50	445.10	536.60	25.80	6.75	0.35	0.00	
14	0.00	1.65	82.00	2.55	0.45	44.00	495.10	513.70	34.00	5.70	0.35	0.00	
15	0.00	13.80	70.50	2.25	0.35	42.50	557.00	489.20	45.50	4.95	0.30	0.00	
16	0.00	30.00	65.50	2.25	0.35	52.00	606.40	466.80	47.50	4.35	0.30	0.00	
17	0.00	38.00	64.00	2.40	0.40	61.00	645.90	439.70	38.00	4.05	0.25	0.00	
18	0.00	49.00	61.00	1.95	0.35	70.00	685.80	412.70	23.40	3.60	0.25	0.00	
19	0.00	57.50	52.00	1.40	0.90	77.00	715.20	386.00	22.60	3.00	0.20	0.00	
20	0.00	64.50	34.00	1.20	0.90	85.20	740.00	366.00	27.80	2.70	0.20	0.00	
21	0.00	71.00	27.40	1.00	0.90	92.40	745.00	342.00	29.00	2.40	0.20	0.00	
22	0.00	86.40	28.20	0.90	0.90	109.80	730.00	320.40	21.40	2.25	0.15	0.00	
23	0.00	98.40	25.40	0.70	0.90	130.80	710.30	302.30	12.60	2.40	0.15	0.00	
24	0.00	99.60	25.00	0.50	0.70	148.30	685.80	284.10	9.40	2.40	0.10	0.00	
25	0.00	101.40	18.60	0.45	0.60	160.00	654.50	267.20	9.00	2.25	0.10	0.00	
26	0.00	103.20	15.40	0.40	0.50	165.60	633.00	251.00	9.80	1.95	0.10	0.00	
27	0.00	103.80	17.00	0.25	0.45	166.40	621.60	237.00	13.80	2.25	0.10	0.00	
28	0.00	105.00	22.60	0.20	0.50	167.20	621.60	220.00	12.60	2.55	0.10	0.00	
29	0.00	108.60	26.20	0.25	0.70	168.00	629.20	208.00	8.25	3.30	0.10	0.00	
30	0.00	110.40	23.80	0.35	0.90	171.20	654.50	197.60	6.90	3.15	0.00	0.00	
31	0.00	111.00		0.30	0.80		685.80		6.30	3.15		0.00	
Total	0.00	1356.15	2000.80	106.35	29.20	2004.05	15463.70	14440.90	1818.95	187.40	16.05	0.25	37423.80 CMSDAY
Mean	0.00	43.75	66.69	3.43	0.94	66.80	498.83	481.36	58.68	6.05	0.55	0.01	102.25 CMS
Max	0.00	111.00	111.00	14.60	2.25	171.20	745.00	750.00	185.60	24.20	2.40	0.10	750.00 CMS
Min	0.00	0.00	15.40	0.20	0.35	0.25	175.20	197.60	6.30	1.95	0.10	0.00	0.00 CMS
Runoff	0.00	117.17	172.87	9.19	2.52	173.15	1336.06	1247.69	157.16	16.19	1.39	0.02	3233.42 MCM
Momentary Peak	750.00	CMS. at 130.15 m. (MSL.) at 06.00 Hours , on Nov 3, 2007											
Runoff Yield	3.60	Liters/Second/Square KM.		Momentary Peak Yield		26.35	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

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

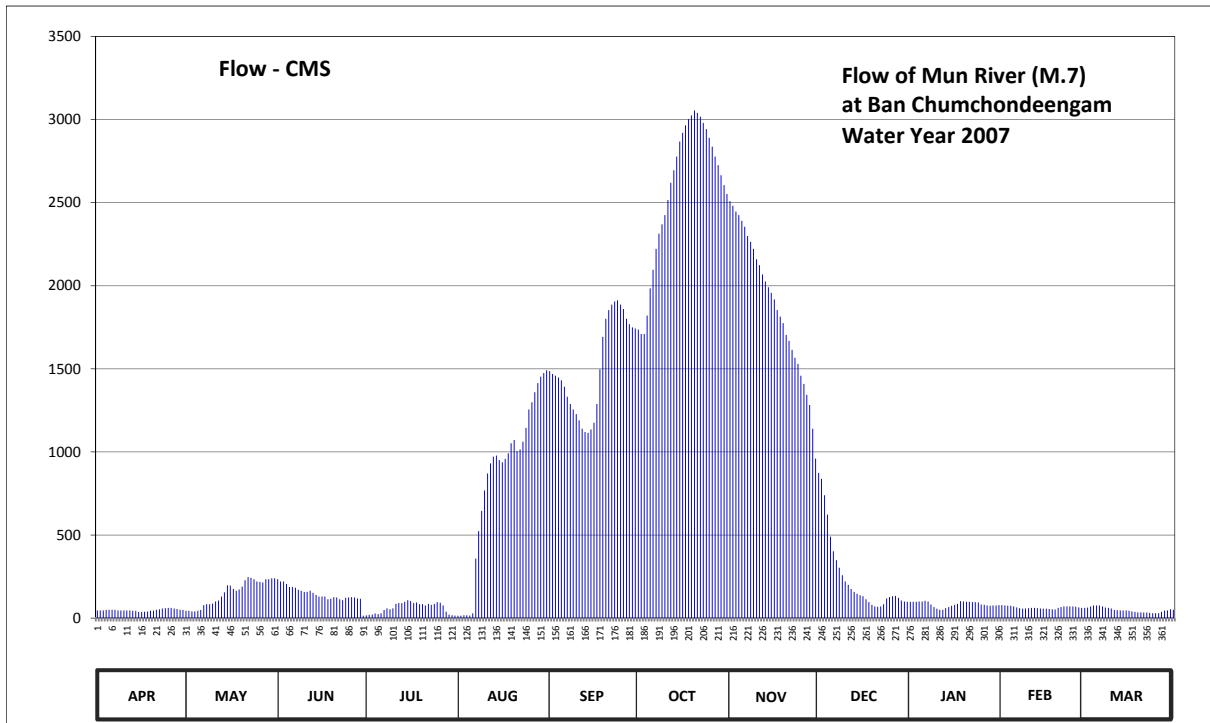
Lat 15 - 13 - 15 N Long 104 - 51 - 41 E

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.(MSL.), records are channel flow only.		
General Description	Records very good. Pak Mun barrage situated about 90 kilometers downstream from the gage site. Stage-discharge relation defined by 45 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	106.65	106.63	107.53	107.13	107.06	110.52	110.94	112.07	109.31	106.94	106.84	106.75	
2	106.65	106.63	107.48	107.20	107.09	110.49	110.90	112.03	109.23	106.94	106.83	106.76	
3	106.65	106.60	107.48	107.22	107.14	110.47	110.90	111.98	109.01	106.94	106.82	106.80	
4	106.67	106.60	107.42	107.33	107.15	110.45	111.07	111.95	108.72	106.95	106.82	106.83	
5	106.68	106.63	107.35	107.28	107.11	110.42	111.32	111.90	108.35	106.95	106.80	106.83	
6	106.68	106.67	107.35	107.34	107.34	110.35	111.48	111.85	108.09	106.97	106.77	106.83	
7	106.68	106.84	107.33	107.53	108.62	110.24	111.66	111.77	107.91	106.95	106.74	106.80	
8	106.65	106.87	107.28	107.59	109.03	110.16	111.79	111.72	107.76	106.86	106.72	106.76	
9	106.65	106.87	107.26	107.55	109.29	110.10	111.87	111.66	107.61	106.78	106.73	106.75	
10	106.65	106.89	107.23	107.59	109.53	110.05	111.95	111.57	107.48	106.72	106.74	106.73	
11	106.65	106.95	107.23	107.73	109.70	109.98	112.08	111.52	107.40	106.68	106.75	106.67	
12	106.65	106.98	107.26	107.75	109.79	109.88	112.22	111.44	107.30	106.68	106.75	106.66	
13	106.63	107.10	107.21	107.75	109.85	109.84	112.32	111.38	107.23	106.74	106.74	106.65	
14	106.63	107.22	107.15	107.79	109.86	109.83	112.43	111.33	107.18	106.78	106.73	106.65	
15	106.57	107.39	107.10	107.83	109.82	109.87	112.55	111.28	107.14	106.82	106.72	106.65	
16	106.57	107.38	107.10	107.81	109.80	109.95	112.62	111.22	107.11	106.85	106.72	106.63	
17	106.58	107.30	107.10	107.75	109.83	110.16	112.68	111.12	107.02	106.88	106.71	106.60	
18	106.59	107.26	107.02	107.77	109.88	110.54	112.73	111.06	106.93	106.96	106.70	106.57	
19	106.63	107.29	107.03	107.72	109.95	110.87	112.76	111.00	106.85	106.95	106.69	106.55	
20	106.64	107.36	107.08	107.72	109.97	111.04	112.80	110.89	106.80	106.94	106.75	106.55	
21	106.68	107.51	107.07	107.68	109.90	111.12	112.78	110.83	106.79	106.94	106.78	106.54	
22	106.70	107.57	107.02	107.73	109.91	111.17	112.75	110.74	106.80	106.93	106.80	106.54	
23	106.73	107.56	106.99	107.70	109.96	111.20	112.70	110.66	106.87	106.93	106.80	106.52	
24	106.74	107.53	107.06	107.73	110.03	111.21	112.65	110.60	107.04	106.92	106.80	106.50	
25	106.75	107.48	107.07	107.78	110.10	111.17	112.58	110.47	107.08	106.86	106.80	106.50	
26	106.75	107.47	107.08	107.76	110.18	111.13	112.51	110.38	107.11	106.85	106.79	106.50	
27	106.73	107.46	107.07	107.68	110.29	111.04	112.43	110.26	107.12	106.83	106.77	106.57	
28	106.71	107.53	107.04	107.43	110.39	110.99	112.36	110.15	107.06	106.82	106.75	106.64	
29	106.68	107.53	107.03	107.23	110.46	110.96	112.28	109.88	106.98	106.83	106.75	106.65	
30	106.67	107.55	107.05	107.15	110.50	110.95	112.20	109.50	106.95	106.83	106.70	106.65	
31		107.55		107.10	110.53		112.13		106.94	106.84	106.68	106.65	
Mean	106.66	107.17	107.18	107.56	109.36	110.54	112.14	111.14	107.46	106.87	106.76	106.66	
Max	106.75	107.57	107.53	107.83	110.53	111.21	112.80	112.07	109.31	106.97	106.84	106.83	112.80
Min	106.57	106.60	106.99	107.10	107.06	109.83	110.90	109.50	106.79	106.68	106.69	106.50	106.50
Annual Max Momentary Gage Height	112.80		m. (MSL.) ,			at 09.00 Hours ,	on Oct 20, 2007						
Zero Gage at Bottom Elevation	105.00		m. (MSL.) ,			River Bed	100.70	m. (MSL.)					
Left Bank Elevation	119.72		m. (MSL.) ,										
Right Bank Elevation	111.35		m. (MSL.) ,			Drainage Are	107,345	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	46.50	43.90	234.00	16.50	14.20	1486.00	1736.00	2509.00	874.50	98.00	78.00	61.50		
2	46.50	43.90	220.00	20.00	14.80	1469.50	1710.00	2481.00	838.50	98.00	76.00	63.20		
3	46.50	40.00	220.00	21.00	17.00	1458.50	1710.00	2446.00	739.50	98.00	74.00	70.00		
4	49.10	40.00	205.00	28.00	17.50	1447.50	1820.50	2425.00	623.00	100.00	74.00	76.00		
5	50.40	43.90	187.50	24.00	15.50	1431.00	1984.00	2390.00	490.00	100.00	70.00	76.00		
6	50.40	49.10	187.50	29.00	29.00	1392.50	2096.00	2355.00	402.00	104.00	64.90	76.00		
7	50.40	78.00	182.50	49.50	358.00	1332.00	2222.00	2299.00	348.00	100.00	59.80	70.00		
8	46.50	84.00	170.00	58.50	523.50	1288.00	2313.00	2264.00	303.00	82.00	56.40	63.20		
9	46.50	84.00	165.00	52.50	645.00	1255.00	2369.00	2222.00	258.00	66.60	58.10	61.50		
10	46.50	88.00	157.50	58.50	768.00	1227.50	2425.00	2159.00	220.00	56.40	59.80	58.10		
11	46.50	100.00	157.50	86.00	870.00	1190.00	2516.00	2124.00	200.00	50.40	61.50	49.10		
12	46.50	106.00	165.00	90.00	930.75	1140.00	2620.00	2068.00	175.00	50.40	61.50	47.80		
13	43.90	130.00	152.50	90.00	971.25	1120.00	2695.00	2026.00	157.50	59.80	59.80	46.50		
14	43.90	155.00	140.00	98.00	978.00	1115.00	2777.50	1991.00	146.00	66.60	58.10	46.50		
15	37.00	197.50	130.00	107.50	951.00	1135.00	2867.50	1957.00	138.00	74.00	56.40	46.50		
16	37.00	195.00	130.00	102.50	937.50	1175.00	2920.00	1918.00	132.00	80.00	56.40	43.90		
17	38.00	175.00	130.00	90.00	957.75	1288.00	2965.00	1853.00	114.00	86.00	54.70	40.00		
18	39.00	165.00	114.00	94.00	991.50	1497.00	3002.50	1814.00	96.00	102.00	53.00	37.00		
19	43.90	172.50	116.00	84.00	1052.50	1692.00	3025.00	1775.00	80.00	100.00	51.70	35.00		
20	45.20	190.00	126.00	84.00	1071.50	1801.00	3055.00	1704.00	70.00	98.00	61.50	35.00		
21	50.40	228.00	124.00	76.00	1005.00	1853.00	3040.00	1668.00	68.30	98.00	66.60	34.00		
22	53.00	246.00	114.00	86.00	1014.50	1885.50	3017.50	1614.00	70.00	96.00	70.00	34.00		
23	58.10	243.00	108.00	80.00	1062.00	1905.00	2980.00	1566.00	84.00	96.00	70.00	32.00		
24	59.80	234.00	122.00	86.00	1145.00	1911.50	2942.50	1530.00	118.00	94.00	70.00	30.00		
25	61.50	220.00	124.00	96.00	1255.00	1885.50	2890.00	1458.50	126.00	82.00	70.00	30.00		
26	61.50	217.50	126.00	92.00	1299.00	1859.50	2837.50	1409.00	132.00	80.00	68.30	30.00		
27	58.10	215.00	124.00	76.00	1359.50	1801.00	2777.50	1343.00	134.00	76.00	64.90	37.00		
28	54.70	234.00	118.00	38.00	1414.50	1768.50	2725.00	1282.50	122.00	74.00	61.50	45.20		
29	50.40	234.00	116.00	21.50	1453.00	1749.00	2665.00	1140.00	106.00	76.00	61.50	46.50		
30	49.10	240.00	14.00	17.50	1475.00	1742.50	2605.00	960.00	100.00	76.00		53.00		
31		240.00		15.00	1491.50		2552.50		98.00	78.00		50.40		
Total	1456.80	4732.30	4380.00	1967.50	26088.25	45301.50	79861.50	56751.00	7563.30	2596.20	1848.40	1524.90	234071.65	CMSDAY
Mean	48.56	152.65	146.00	63.47	841.56	1510.05	2576.18	1891.70	243.98	83.75	63.74	49.19	639.54	CMS
Max	61.50	246.00	234.00	107.50	1491.50	1911.50	3055.00	2509.00	874.50	104.00	78.00	76.00	3055.00	CMS
Min	37.00	40.00	14.00	15.00	14.20	1115.00	1710.00	960.00	68.30	50.40	51.70	30.00	14.00	CMS
Runoff	125.87	408.87	378.43	169.99	2254.02	3914.05	6900.03	4903.29	653.47	224.31	159.70	131.75	20223.79	MCM
Momentary Peak		3055.00	CMS.		at 112.80 m. (MSL.)		at 09.00 Hours							
Runoff Yield		5.97	Liters/Second/Square KM.				Momentary Peak Yield	28.46	Liters/Second/Square KM.					

WATER YEAR : 2007

MUN RIVER BASIN

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

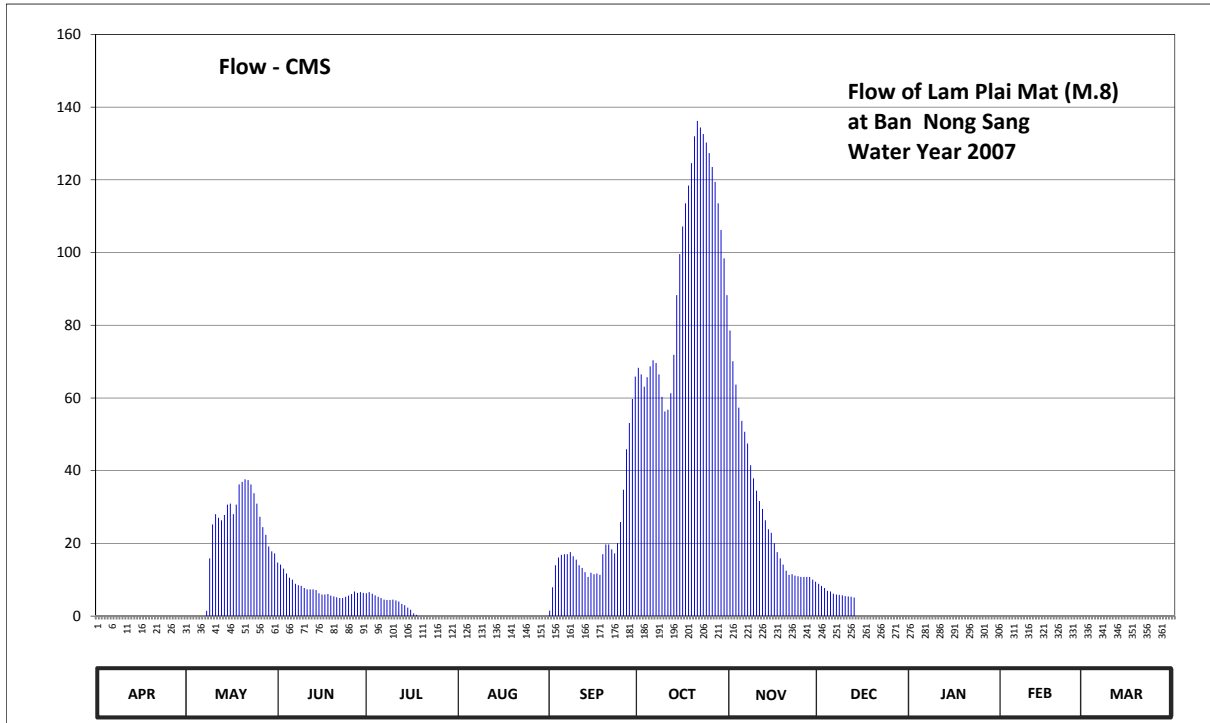
Lat 15 - 01 - 05 N Long 102 - 48 - 54 E

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 +155.700 m.(MSL), records are channel flow only.				
General Description	Records very good. Ban Don Thamung weir situated about 500 meters downstream from the gage site. Stage-discharge relation defined by 16 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	150.04	150.10	152.24	151.79	149.98	151.30	155.26	155.65	151.93	151.57	151.15	150.53	
2	150.04	150.09	152.21	151.81	150.02	151.88	155.17	155.34	151.90	151.56	151.16	150.53	
3	150.03	150.26	152.15	151.78	150.00	152.20	155.00	155.03	151.87	151.53	151.15	150.53	
4	150.02	150.26	152.08	151.74	150.01	152.31	155.13	154.68	151.83	151.52	151.14	150.53	
5	150.01	150.38	152.02	151.70	150.02	152.35	155.28	154.37	151.82	151.50	151.11	150.54	
6	150.00	150.73	151.99	151.67	150.27	152.36	155.35	154.03	151.78	151.49	151.09	150.58	
7	150.00	150.82	151.93	151.63	150.18	152.36	155.32	153.71	151.76	151.47	151.06	150.58	
8	150.00	151.29	151.91	151.62	150.07	152.39	155.17	153.47	151.75	151.45	151.03	150.58	
9	150.02	152.30	151.90	151.62	150.06	152.33	154.86	153.32	151.74	151.50	151.01	150.60	
10	150.17	152.79	151.87	151.63	150.04	152.28	154.59	153.18	151.72	151.50	150.99	150.61	
11	150.16	152.91	151.85	151.61	150.04	152.20	154.63	153.06	151.71	151.50	150.96	150.60	
12	150.21	152.87	151.85	151.58	150.01	152.16	154.91	152.97	151.70	151.49	150.94	150.59	
13	150.21	152.84	151.85	151.52	150.00	152.10	155.41	152.84	151.68	151.49	150.91	150.57	
14	150.23	152.90	151.84	151.49	150.01	152.03	155.95	152.72	151.69	151.48	150.87	150.56	
15	150.22	153.02	151.79	151.43	150.02	152.09	156.24	152.67	151.69	151.45	150.86	150.56	
16	150.12	153.03	151.76	151.35	150.06	152.07	156.42	152.52	151.66	151.41	150.86	150.56	
17	150.08	152.91	151.76	151.15	150.23	152.08	156.55	152.39	151.66	151.35	150.81	150.56	
18	150.03	153.02	151.77	151.07	150.18	152.06	156.65	152.30	151.65	151.28	150.75	150.57	
19	150.04	153.25	151.73	150.92	150.13	152.36	156.77	152.21	151.64	151.29	150.75	150.60	
20	150.10	153.28	151.71	150.82	150.13	152.50	156.90	152.12	151.66	151.30	150.73	150.62	
21	150.07	153.31	151.69	150.65	150.13	152.50	156.97	152.06	151.64	151.30	150.63	150.65	
22	150.01	153.30	151.67	150.45	150.12	152.43	156.94	152.07	151.63	151.30	150.60	150.66	
23	149.98	153.25	151.67	150.25	150.14	152.37	156.91	152.05	151.63	151.30	150.60	150.68	
24	149.93	153.15	151.70	150.13	150.15	152.52	156.87	152.04	151.63	151.29	150.60	150.68	
25	149.92	153.03	151.73	150.09	150.17	152.82	156.82	152.03	151.63	151.28	150.59	150.69	
26	149.91	152.88	151.77	150.08	150.28	153.19	156.75	152.03	151.65	151.28	150.57	150.72	
27	149.91	152.75	151.82	150.04	150.25	153.65	156.67	152.03	151.64	151.25	150.55	150.72	
28	149.90	152.64	151.80	150.02	150.24	154.31	156.55	152.03	151.63	151.21	150.53	150.69	
29	150.12	152.47	151.81	150.02	150.24	154.83	156.40	151.99	151.63	151.19	150.52	150.65	
30	150.13	152.40	151.80	150.00	150.23	155.14	156.21	151.96	151.62	151.17	150.52	150.65	
31		152.37		150.00	150.13		155.95		151.59	151.15		150.65	
Mean	150.05	152.28	151.86	151.02	150.11	152.57	155.95	152.96	151.70	151.38	150.85	150.61	
Max	150.23	153.31	152.24	151.81	150.28	155.14	156.97	155.65	151.93	151.57	151.16	150.72	156.97
Min	149.90	150.09	151.67	150.00	149.98	151.30	154.59	151.96	151.59	151.15	150.52	150.53	149.90
Annual Max Momentary Gage Height	156.98		m. (MSL.) ,				at 16.00 Hours ,						on Oct 21, 2007
Zero Gage at Bottom Elevation	149.50		m. (MSL.) ,			River Bed	149.47	m. (MSL.)					
Left Bank Elevation		155.90		m. (MSL.) ,									
Right Bank Elevation		155.69		m. (MSL.) ,		Drainage Are	4,935	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	14.76	6.29	0.00	1.50	68.30	78.55	8.87	0.00	0.00	0.00	
2	0.00	0.00	14.19	6.59	0.00	7.92	66.50	70.10	8.30	0.00	0.00	0.00	
3	0.00	0.00	13.05	6.18	0.00	14.00	63.10	63.70	7.73	0.00	0.00	0.00	
4	0.00	0.00	11.72	5.74	0.00	16.09	65.70	57.36	6.97	0.00	0.00	0.00	
5	0.00	0.00	10.58	5.30	0.00	16.85	68.70	53.70	6.78	0.00	0.00	0.00	
6	0.00	0.00	10.01	4.97	0.00	17.04	70.35	50.68	6.18	0.00	0.00	0.00	
7	0.00	0.00	8.87	4.53	0.00	17.04	69.60	47.48	5.96	0.00	0.00	0.00	
8	0.00	1.45	8.49	4.42	0.00	17.61	66.50	41.48	5.85	0.00	0.00	0.00	
9	0.00	15.90	8.30	4.42	0.00	16.47	60.30	37.88	5.74	0.00	0.00	0.00	
10	0.00	25.21	7.73	4.53	0.00	15.52	56.28	34.52	5.52	0.00	0.00	0.00	
11	0.00	28.04	7.35	4.31	0.00	14.00	56.76	31.64	5.41	0.00	0.00	0.00	
12	0.00	27.08	7.35	3.98	0.00	13.24	61.30	29.48	5.30	0.00	0.00	0.00	
13	0.00	26.36	7.35	3.32	0.00	12.10	71.85	26.36	5.08	0.00	0.00	0.00	
14	0.00	27.80	7.16	2.99	0.00	10.77	88.30	23.88	0.00	0.00	0.00	0.00	
15	0.00	30.68	6.29	2.33	0.00	11.91	99.60	22.93	0.00	0.00	0.00	0.00	
16	0.00	30.92	5.96	1.75	0.00	11.53	107.18	20.08	0.00	0.00	0.00	0.00	
17	0.00	28.04	5.96	0.75	0.00	11.72	113.55	17.61	0.00	0.00	0.00	0.00	
18	0.00	30.68	6.07	0.35	0.00	11.34	118.45	15.90	0.00	0.00	0.00	0.00	
19	0.00	36.20	5.63	0.00	0.00	17.04	124.61	14.19	0.00	0.00	0.00	0.00	
20	0.00	36.92	5.41	0.00	0.00	19.70	132.00	12.48	0.00	0.00	0.00	0.00	
21	0.00	37.64	5.19	0.00	0.00	19.70	136.20	11.34	0.00	0.00	0.00	0.00	
22	0.00	37.40	4.97	0.00	0.00	18.37	134.40	11.53	0.00	0.00	0.00	0.00	
23	0.00	36.20	4.97	0.00	0.00	17.23	132.60	11.15	0.00	0.00	0.00	0.00	
24	0.00	33.80	5.30	0.00	0.00	20.08	130.26	10.96	0.00	0.00	0.00	0.00	
25	0.00	30.92	5.63	0.00	0.00	25.88	127.36	10.77	0.00	0.00	0.00	0.00	
26	0.00	27.32	6.07	0.00	0.00	34.76	123.55	10.77	0.00	0.00	0.00	0.00	
27	0.00	24.45	6.78	0.00	0.00	45.90	119.43	10.77	0.00	0.00	0.00	0.00	
28	0.00	22.36	6.40	0.00	0.00	53.10	113.55	10.77	0.00	0.00	0.00	0.00	
29	0.00	19.13	6.59	0.00	0.00	59.70	106.20	10.01	0.00	0.00	0.00	0.00	
30	0.00	17.80	6.40	0.00	0.00	65.90	98.40	9.44	0.00	0.00	0.00	0.00	
31	0.00	17.23	0.00	0.00	0.00	88.30	88.30	0.00	0.00	0.00	0.00	0.00	
Total	0.00	649.53	230.53	72.75	0.00	634.01	2939.18	857.51	83.69	0.00	0.00	0.00	5467.20 CMSDAY
Mean	0.00	20.95	7.68	2.35	0.00	21.13	94.81	28.58	2.70	0.00	0.00	0.00	14.94 CMS
Max	0.00	37.64	14.76	6.59	0.00	65.90	136.20	78.55	8.87	0.00	0.00	0.00	136.20 CMS
Min	0.00	0.00	4.97	0.00	0.00	1.50	56.28	9.44	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	56.12	19.92	6.29	0.00	54.78	253.95	74.09	7.23	0.00	0.00	0.00	472.37 MCM
Momentary Peak	136.80 CMS. at 156.98 m. (MSL.) at 16.00 Hours , on Oct 21, 2007												
Runoff Yield	3.04 Liters/Second/Square KM.			Momentary Peak Yield			27.72 Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

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

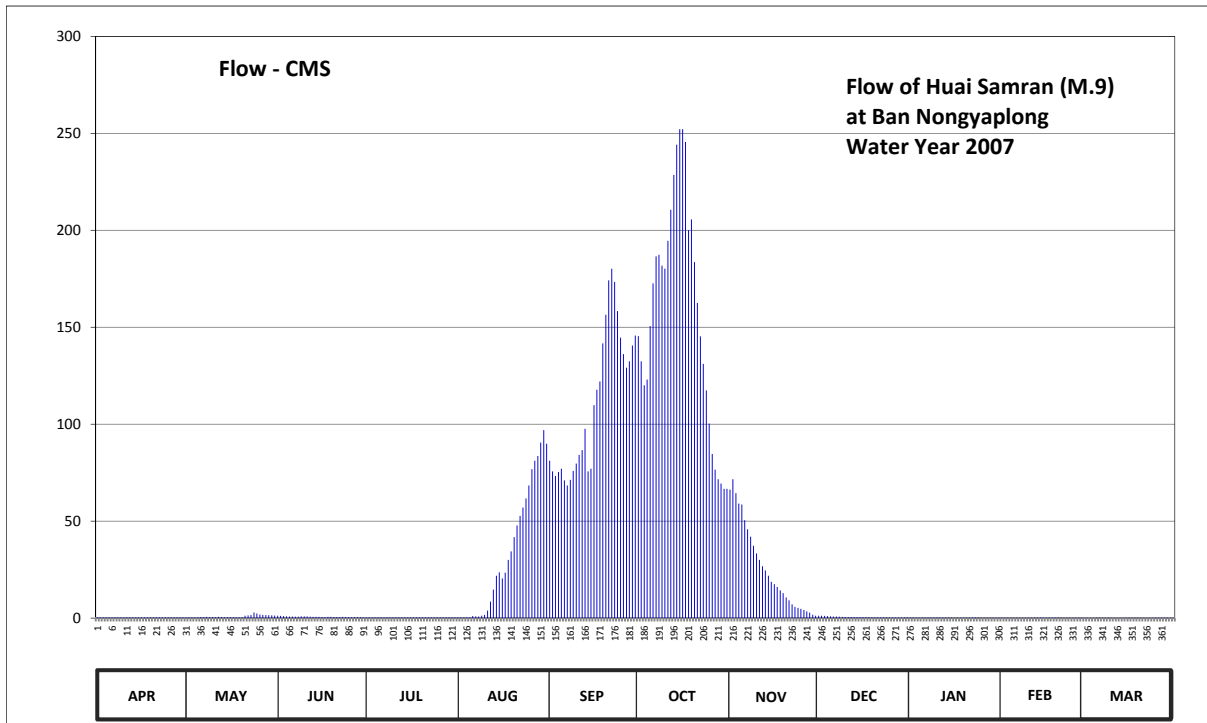
Lat 15 - 06 - 58 N Long 104 - 19 - 21 E

Location : on right bank at the bridge on Highway.

	Ban	Nongyaplong	Amphoe	Mueang	Changwat	Si Sa Ket
Drainage Area	2,988	sq.km.				
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	+123.920 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	Overbank flow starts at elevation +117.220 m.(MSL.), records are channel flow only.					
General Description	Records good. The Water Supply weir situated above gage site. Stage-discharge relation defined by 48 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.19	109.18	110.01	109.22	109.23	114.54	116.47	116.37	111.24	109.41	109.22	109.19	
2	109.19	109.18	109.95	109.19	109.21	114.35	116.12	116.49	111.19	109.37	109.23	109.19	
3	109.19	109.18	109.90	109.19	109.20	114.27	115.76	116.33	111.07	109.30	109.31	109.19	
4	109.20	109.19	109.72	109.18	109.18	114.34	115.85	116.21	110.86	109.29	109.23	109.16	
5	109.20	109.18	109.61	109.19	109.18	114.40	116.61	116.20	110.59	109.39	109.20	109.23	
6	109.19	109.41	109.59	109.19	109.89	114.19	117.19	116.02	110.41	109.41	109.20	109.30	
7	109.19	109.31	109.56	109.19	109.72	114.10	117.54	115.90	110.31	109.38	109.20	109.29	
8	109.20	109.48	109.56	109.18	109.63	114.20	117.56	115.80	110.20	109.37	109.20	109.24	
9	109.20	109.26	109.69	109.18	110.01	114.36	117.42	115.67	110.08	109.37	109.20	109.20	
10	109.19	109.26	109.71	109.17	110.38	114.49	117.38	115.56	109.98	109.36	109.20	109.19	
11	109.19	109.27	109.67	109.18	110.69	114.64	117.74	115.46	109.93	109.36	109.21	109.17	
12	109.20	109.49	109.55	109.18	111.15	114.72	118.14	115.35	109.87	109.36	109.40	109.13	
13	109.19	109.40	109.48	109.19	111.61	115.08	118.59	115.28	109.83	109.36	109.48	109.10	
14	109.19	109.29	109.43	109.19	112.09	114.35	118.98	115.19	109.79	109.36	109.47	109.16	
15	109.20	109.28	109.42	109.19	112.18	114.40	119.18	115.06	109.75	109.36	109.30	109.20	
16	109.19	109.28	109.37	109.22	112.00	115.45	119.18	114.96	109.73	109.32	109.27	109.27	
17	109.20	109.25	109.33	109.24	112.17	115.69	119.08	114.84	109.71	109.30	109.24	109.24	
18	109.19	109.22	109.47	109.20	112.50	115.82	118.62	114.69	109.69	109.30	109.24	109.20	
19	109.20	109.24	109.45	109.20	112.72	116.37	118.69	114.57	109.65	109.30	109.38	109.20	
20	109.20	109.26	109.39	109.19	113.05	116.77	118.41	114.39	109.63	109.29	109.35	109.20	
21	109.19	110.02	109.35	109.19	113.29	117.23	118.14	114.26	109.59	109.29	109.34	109.18	
22	109.19	110.23	109.33	109.19	113.49	117.38	117.89	114.09	109.56	109.40	109.30	109.18	
23	109.20	110.32	109.42	109.18	113.66	117.21	117.64	113.93	109.54	109.53	109.28	109.18	
24	109.20	110.59	109.35	109.18	113.85	116.82	117.40	113.76	109.52	109.36	109.20	109.19	
25	109.19	110.54	109.31	109.18	114.10	116.45	117.10	113.59	109.50	109.34	109.20	109.28	
26	109.19	110.45	109.30	109.19	114.39	116.22	116.78	113.39	109.48	109.32	109.20	109.28	
27	109.20	110.39	109.29	109.19	114.54	116.03	116.60	113.14	109.46	109.34	109.20	109.28	
28	109.20	110.33	109.30	109.19	114.62	116.12	116.49	112.82	109.45	109.31	109.20	109.25	
29	109.19	110.28	109.28	109.18	114.85	116.34	116.44	111.75	109.45	109.30	109.20	109.20	
30	109.19	110.20	109.24	109.23	115.06	116.48	116.38	111.19	109.51	109.26		109.18	
31		110.13		109.24	114.83		116.38		109.59	109.23		109.18	
Mean	109.19	109.65	109.50	109.19	112.02	115.43	117.48	114.74	109.94	109.34	109.26	109.21	
Max	109.20	110.59	110.01	109.24	115.06	117.38	119.18	116.49	111.24	109.53	109.48	109.30	119.18
Min	109.19	109.18	109.24	109.17	109.18	114.10	115.76	111.19	109.45	109.23	109.20	109.10	109.10
Annual Max Momentary Gage Height	119.20		m. (MSL.) ,				at 18.00 Hours ,						on Oct 15, 2007
Zero Gage at Bottom Elevation	109.00		m. (MSL.) ,			River Bed	108.86	m. (MSL.)					
Left Bank Elevation		117.21	m. (MSL.) ,										
Right Bank Elevation		119.63	m. (MSL.) ,			Drainage Are	2,988	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.39	0.38	1.21	0.42	0.43	81.20	145.39	66.25	1.27	0.32	0.22	0.20	
2	0.39	0.38	1.15	0.39	0.41	75.65	132.44	71.65	1.24	0.30	0.22	0.20	
3	0.39	0.38	1.10	0.39	0.40	73.33	120.08	64.45	1.18	0.26	0.27	0.20	
4	0.40	0.39	0.92	0.38	0.38	75.36	123.05	59.05	1.07	0.26	0.22	0.19	
5	0.40	0.38	0.81	0.39	0.38	77.10	150.57	58.60	0.93	0.31	0.21	0.22	
6	0.39	0.61	0.79	0.39	1.09	71.01	172.60	50.50	0.84	0.32	0.21	0.26	
7	0.39	0.51	0.76	0.39	0.92	68.40	186.60	45.80	0.79	0.30	0.21	0.26	
8	0.40	0.68	0.76	0.38	0.83	71.30	187.40	42.00	0.73	0.30	0.21	0.23	
9	0.40	0.46	0.89	0.38	1.21	75.94	181.80	37.32	0.67	0.30	0.21	0.21	
10	0.39	0.46	0.91	0.37	1.66	79.71	180.20	33.36	0.61	0.29	0.21	0.20	
11	0.39	0.47	0.87	0.38	3.90	84.20	194.60	30.00	0.59	0.29	0.21	0.19	
12	0.40	0.69	0.75	0.38	8.50	86.60	210.60	26.70	0.56	0.29	0.31	0.17	
13	0.39	0.60	0.68	0.39	14.65	97.64	228.60	24.60	0.54	0.29	0.35	0.16	
14	0.39	0.49	0.63	0.39	21.85	75.65	244.20	21.90	0.52	0.29	0.35	0.19	
15	0.40	0.48	0.62	0.39	23.60	77.10	252.20	18.72	0.49	0.29	0.26	0.21	
16	0.39	0.48	0.57	0.42	20.50	109.85	252.20	17.52	0.48	0.27	0.24	0.24	
17	0.40	0.45	0.53	0.44	23.40	117.77	245.58	16.08	0.47	0.26	0.23	0.23	
18	0.39	0.42	0.67	0.40	30.00	122.06	200.08	14.28	0.46	0.26	0.23	0.21	
19	0.40	0.44	0.65	0.40	34.40	141.69	205.61	12.84	0.44	0.26	0.30	0.21	
20	0.40	0.46	0.59	0.39	41.75	156.49	183.58	10.68	0.43	0.26	0.29	0.21	
21	0.39	1.22	0.55	0.39	47.75	174.20	162.52	9.12	0.41	0.26	0.28	0.20	
22	0.39	1.43	0.53	0.39	52.75	180.20	145.33	7.08	0.40	0.31	0.26	0.20	
23	0.40	1.54	0.62	0.38	57.00	173.40	131.08	5.79	0.39	0.38	0.25	0.20	
24	0.40	2.90	0.55	0.38	61.75	158.34	117.40	5.28	0.37	0.29	0.21	0.20	
25	0.39	2.40	0.51	0.38	68.40	144.65	100.30	4.77	0.36	0.28	0.21	0.25	
26	0.39	1.85	0.50	0.39	76.81	136.14	84.70	4.17	0.35	0.27	0.21	0.25	
27	0.40	1.68	0.49	0.39	81.20	129.11	76.60	3.42	0.34	0.28	0.21	0.25	
28	0.40	1.56	0.50	0.39	83.60	132.44	71.65	2.82	0.34	0.27	0.21	0.23	
29	0.39	1.48	0.48	0.38	90.50	140.58	69.40	1.75	0.34	0.26	0.21	0.21	
30	0.39	1.40	0.44	0.43	96.98	145.76	66.70	1.24	0.37	0.24		0.20	
31		1.33		0.44	89.90		66.70		0.41	0.22		0.20	
Total	11.83	28.40	21.03	12.20	1036.90	3332.87	4889.76	767.74	18.39	8.78	7.01	6.58	10141.49 CMSDAY
Mean	0.39	0.92	0.70	0.39	33.45	111.10	157.73	25.59	0.59	0.28	0.24	0.21	27.71 CMS
Max	0.40	2.90	1.21	0.44	96.98	180.20	252.20	71.65	1.27	0.38	0.35	0.26	252.20 CMS
Min	0.39	0.38	0.44	0.37	0.38	68.40	66.70	1.24	0.34	0.22	0.21	0.16	0.16 CMS
Runoff	1.02	2.45	1.82	1.05	89.59	287.96	422.48	66.33	1.59	0.76	0.61	0.57	876.22 MCM
Momentary Peak	253.00 CMS. at 119.20 m. (MSL.) at 18.00 Hours , on Oct 15, 2007												
Runoff Yield	9.30 Liters/Second/Square KM.			Momentary Peak Yield 84.67			Liters/Second/Square KM.						

WATER YEAR : 2007**MUN RIVER BASIN****Lam Chi at Ban Kho Kho, Surin (M.26)**

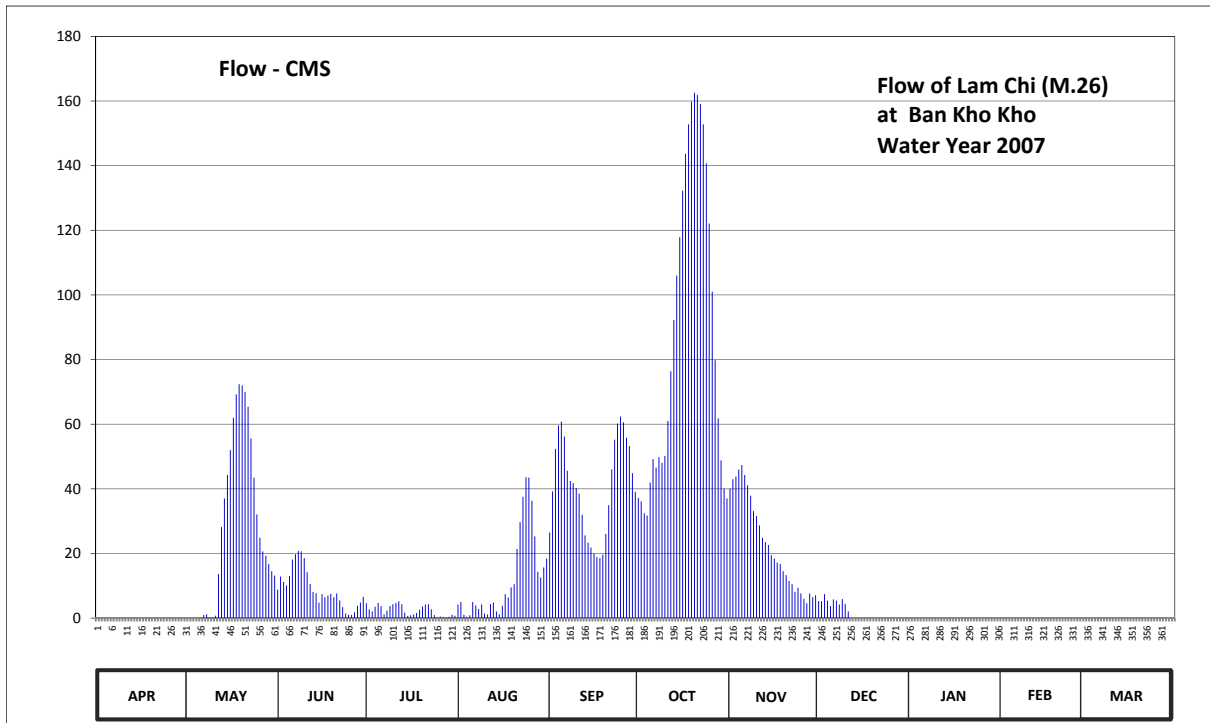
Lat 14 - 54 - 08 N Long 103 - 24 - 12 E

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	Overbank flow starts at elevation +134.450 m.(MSL.), records are channel flow only.		
General Description	Records very good. Flow effected by Mueang ling weir about 500 meters downstream from the gage site. Stage-discharge relation defined by 47 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	127.54	127.40	128.63	128.21	128.17	129.90	130.54	130.71	128.28	128.32	128.24	128.20	
2	127.54	127.40	128.99	128.02	128.25	130.66	130.48	130.88	128.27	128.21	128.26	128.18	
3	127.54	127.40	128.87	127.96	127.81	131.37	130.26	130.93	128.49	128.24	128.25	128.10	
4	127.54	127.40	128.76	128.10	127.66	131.73	130.22	131.05	128.29	128.27	128.21	128.10	
5	127.53	127.41	129.00	128.22	127.77	131.79	130.82	131.12	128.12	128.30	128.22	128.10	
6	127.52	127.52	129.34	128.12	128.25	131.56	131.21	130.96	128.33	128.25	128.23	128.11	
7	127.52	127.80	129.45	127.84	128.14	131.03	131.08	130.77	128.29	128.26	128.24	128.12	
8	127.52	127.84	129.52	127.98	128.03	130.85	131.24	130.58	128.17	128.24	128.24	128.12	
9	127.51	127.61	129.51	128.12	128.17	130.81	131.15	130.30	128.34	128.31	128.25	128.12	
10	127.50	127.60	129.37	128.18	127.88	130.72	131.26	130.21	128.19	128.33	128.20	128.12	
11	127.52	127.73	129.08	128.22	127.83	130.62	131.80	130.04	127.96	128.26	128.25	128.12	
12	127.52	129.04	128.81	128.27	128.18	130.23	132.57	129.79	128.23	128.29	128.25	128.05	
13	127.52	130.01	128.56	128.18	128.23	129.84	133.31	129.70	128.36	128.21	128.14	127.92	
14	127.50	130.53	128.52	127.92	127.96	129.69	133.86	129.64	128.26	128.21	128.15	127.91	
15	127.50	130.96	128.23	127.72	127.84	129.59	134.33	129.43	128.39	128.29	128.16	127.90	
16	127.49	131.35	128.49	127.77	128.13	129.46	134.81	129.36	128.36	128.32	128.18	127.88	
17	127.48	131.85	128.40	127.83	128.49	129.39	135.19	129.28	128.25	128.25	128.21	127.88	
18	127.48	132.21	128.45	127.91	128.39	129.37	135.48	129.25	128.38	128.27	128.23	127.86	
19	127.48	132.37	128.50	128.01	128.70	129.44	135.68	129.10	128.39	128.21	128.25	127.86	
20	127.48	132.35	128.40	128.11	128.80	129.87	135.76	129.02	128.34	128.19	128.26	127.87	
21	127.47	132.25	128.51	128.17	129.56	130.41	135.74	128.90	128.20	128.20	128.26	127.88	
22	127.46	132.02	128.30	128.18	130.10	131.05	135.66	128.80	128.28	128.21	128.25	127.92	
23	127.46	131.53	128.09	128.02	130.56	131.51	135.48	128.56	128.33	128.24	128.26	127.94	
24	127.44	130.91	127.89	127.79	130.92	131.76	135.09	128.69	128.35	128.26	128.24	127.96	
25	127.44	130.24	127.81	127.61	130.91	131.87	134.47	128.51	128.31	128.28	128.25	127.96	
26	127.42	129.79	127.80	127.67	130.49	131.78	133.66	128.35	128.35	128.29	128.21	127.96	
27	127.42	129.51	127.93	127.65	129.82	131.54	132.74	128.21	128.26	128.17	128.19	127.96	
28	127.41	129.42	128.13	127.58	129.09	131.41	131.84	128.51	128.31	128.14	128.20	127.96	
29	127.40	129.25	128.23	127.65	128.97	130.99	131.19	128.40	128.27	128.18	128.20	127.96	
30	127.40	129.10	128.41	127.81	129.18	130.65	130.71	128.46	128.30	128.20	128.20	127.96	
31		129.01		127.73	129.36		130.53		128.35	128.23		127.98	
Mean	127.48	129.57	128.60	127.95	128.76	130.70	132.84	129.58	128.29	128.25	128.22	128.00	
Max	127.54	132.37	129.52	128.27	130.92	131.87	135.76	131.12	128.49	128.33	128.26	128.20	135.76
Min	127.40	127.40	127.80	127.58	127.66	129.37	130.22	128.21	127.96	128.14	128.14	127.86	127.40
Annual Max Momentary Gage Height	135.76		m. (MSL.) ,				at 06.00 Hours ,						on Oct 20 , 2007
Zero Gage at Bottom Elevation	127.00		m. (MSL.) ,				River Bed	127.08		m. (MSL.)			
Left Bank Elevation		134.44		m. (MSL.) ,									
Right Bank Elevation		135.17		m. (MSL.) ,		Drainage Are	3,058		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	8.80	4.60	4.20	26.50	37.18	40.07	5.30	0.00	0.00	0.00	
2	0.00	0.00	12.85	2.70	5.00	39.22	36.16	42.96	5.20	0.00	0.00	0.00	
3	0.00	0.00	11.20	2.10	1.05	52.40	32.42	43.81	7.40	0.00	0.00	0.00	
4	0.00	0.00	10.10	3.50	0.44	59.60	31.74	46.00	5.40	0.00	0.00	0.00	
5	0.00	0.00	13.00	4.70	0.88	60.80	41.94	47.40	3.70	0.00	0.00	0.00	
6	0.00	0.12	18.10	3.70	5.00	56.20	49.20	44.32	5.80	0.00	0.00	0.00	
7	0.00	1.00	19.75	1.20	3.90	45.60	46.60	41.09	5.40	0.00	0.00	0.00	
8	0.00	1.20	20.80	2.30	2.80	42.45	49.80	37.86	4.20	0.00	0.00	0.00	
9	0.00	0.24	20.65	3.70	4.20	41.77	48.00	33.10	5.90	0.00	0.00	0.00	
10	0.00	0.20	18.55	4.30	1.40	40.24	50.20	31.57	4.40	0.00	0.00	0.00	
11	0.00	0.72	14.20	4.70	1.15	38.54	61.00	28.68	2.10	0.00	0.00	0.00	
12	0.00	13.60	10.60	5.20	4.30	31.91	76.40	24.85	0.00	0.00	0.00	0.00	
13	0.00	28.17	8.10	4.30	4.80	25.60	92.25	23.50	0.00	0.00	0.00	0.00	
14	0.00	37.01	7.70	1.70	2.10	23.35	106.00	22.60	0.00	0.00	0.00	0.00	
15	0.00	44.32	4.80	0.68	1.20	21.85	117.90	19.45	0.00	0.00	0.00	0.00	
16	0.00	52.00	7.40	0.88	3.80	19.90	132.30	18.40	0.00	0.00	0.00	0.00	
17	0.00	62.00	6.50	1.15	7.40	18.85	143.70	17.20	0.00	0.00	0.00	0.00	
18	0.00	69.20	7.00	1.60	6.40	18.55	152.80	16.75	0.00	0.00	0.00	0.00	
19	0.00	72.40	7.50	2.60	9.50	19.60	159.80	14.50	0.00	0.00	0.00	0.00	
20	0.00	72.00	6.50	3.60	10.50	26.05	162.60	13.30	0.00	0.00	0.00	0.00	
21	0.00	70.00	7.60	4.20	21.40	34.97	161.90	11.50	0.00	0.00	0.00	0.00	
22	0.00	65.40	5.50	4.30	29.70	46.00	159.10	10.50	0.00	0.00	0.00	0.00	
23	0.00	55.60	3.40	2.70	37.52	55.20	152.80	8.10	0.00	0.00	0.00	0.00	
24	0.00	43.47	1.45	0.96	43.64	60.20	140.70	9.40	0.00	0.00	0.00	0.00	
25	0.00	32.08	1.05	0.24	43.47	62.40	122.10	7.60	0.00	0.00	0.00	0.00	
26	0.00	24.85	1.00	0.48	36.33	60.60	101.00	6.00	0.00	0.00	0.00	0.00	
27	0.00	20.65	1.80	0.40	25.30	55.80	79.80	4.60	0.00	0.00	0.00	0.00	
28	0.00	19.30	3.80	0.18	14.35	53.20	61.80	7.60	0.00	0.00	0.00	0.00	
29	0.00	16.75	4.80	0.40	12.55	44.83	48.80	6.50	0.00	0.00	0.00	0.00	
30	0.00	14.50	6.60	1.05	15.70	39.05	40.07	7.10	0.00	0.00	0.00	0.00	
31	0.00	13.15	0.72	0.72	18.40	0.00	37.01	0.00	0.00	0.00	0.00	0.00	
Total	0.00	829.93	271.10	74.84	378.38	1221.23	2733.07	686.31	54.80	0.00	0.00	0.00	6249.66 CMSDAY
Mean	0.00	26.77	9.04	2.41	12.21	40.71	88.16	22.88	1.77	0.00	0.00	0.00	17.08 CMS
Max	0.00	72.40	20.80	5.20	43.64	62.40	162.60	47.40	7.40	0.00	0.00	0.00	162.60 CMS
Min	0.00	0.00	1.00	0.18	0.44	18.55	31.74	4.60	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	71.71	23.42	6.47	32.69	105.51	236.14	59.30	4.73	0.00	0.00	0.00	539.97 MCM
Momentary Peak	162.60	CMS. at 135.76 m. (MSL.) at 06.00 Hours , on Oct 20, 2007											
Runoff Yield	5.60	Liters/Second/Square KM. Momentary Peak Yield 53.17 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Lam Se Bai at Ban Chiang Pheng, Yasothon (M.32)

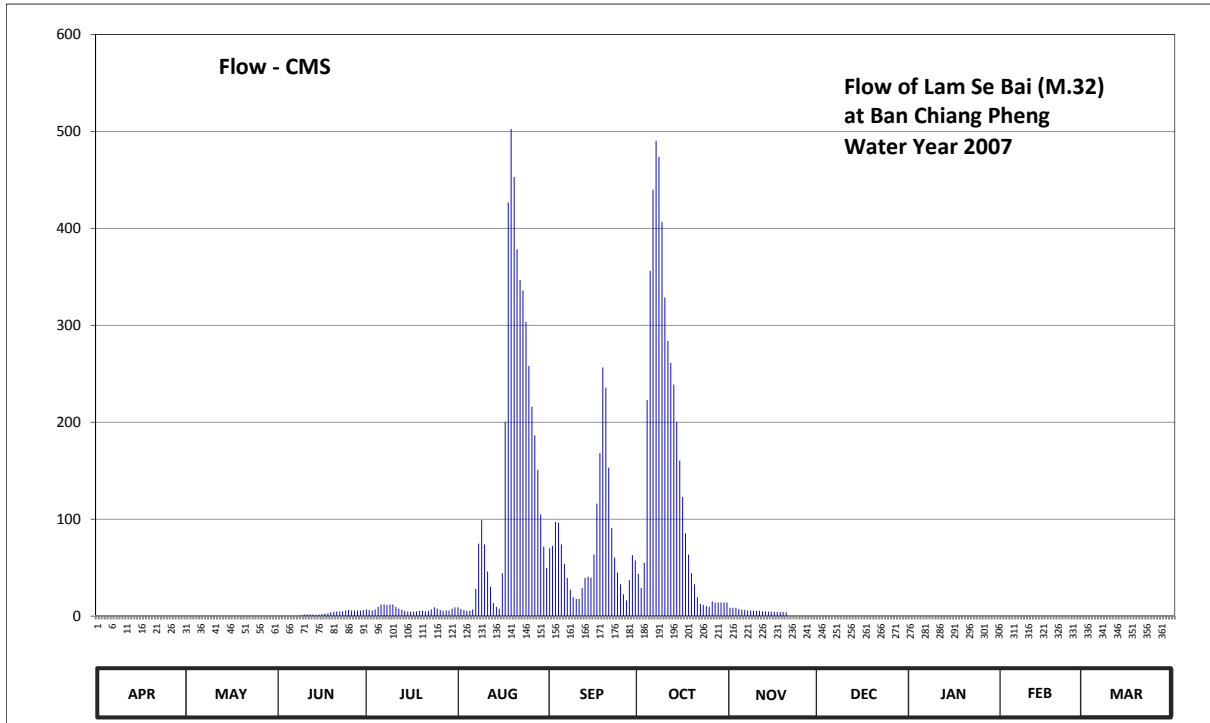
Lat 15 - 50 - 18 N Long 104 - 27 - 35 E

Location : on right bank at Phawaphutanon bridge.

	Ban Chiang Pheng	Amphoe Pa Tiu	Changwat Yasothon
Drainage Area	1,646 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+120.290 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the automatic gage building.		Elevation +127.626 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	1968 - 1974, 1997 to date.		
Rating Operation			
Period of Rating	1968 - 1969, 1997 to date.		
Rated by Flot	-		
Rated by Current Meter	1968 - 1969, 1997 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +126.930 m.(MSL.), records are channel flow only.		
General Description	Records good. The concrete weir situated about 3 kilometers downstream from the gage site. Stage-discharge relation defined by 35 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.54	123.19	122.91	123.85	123.90	124.85	124.46	123.89	123.73	123.67	122.88	122.06	
2	123.54	123.17	122.89	123.83	123.86	124.88	124.21	123.89	123.72	123.62	122.85	121.99	
3	123.51	123.16	122.87	123.82	123.83	125.19	124.65	123.89	123.72	123.57	122.83	121.91	
4	123.50	123.14	122.84	123.85	123.81	125.18	126.22	123.86	123.72	123.53	122.80	121.87	
5	123.48	123.14	122.83	123.91	123.81	124.90	127.01	123.84	123.72	123.48	122.78	121.82	
6	123.46	123.14	122.86	123.96	123.85	124.63	127.39	123.83	123.72	123.43	122.78	121.74	
7	123.44	123.13	123.00	123.96	124.20	124.38	127.61	123.82	123.72	123.41	122.77	121.70	
8	123.44	123.12	123.35	123.95	124.91	124.19	127.54	123.82	123.71	123.39	122.75	121.66	
9	123.42	123.11	123.55	123.96	125.21	124.09	127.24	123.81	123.71	123.37	122.70	121.62	
10	123.41	123.09	123.61	123.96	124.90	124.06	126.86	123.81	123.71	123.35	122.65	121.58	
11	123.40	123.07	123.61	123.91	124.50	124.06	126.61	123.81	123.71	123.34	122.63	121.55	
12	123.39	123.09	123.61	123.87	124.23	124.21	126.47	123.80	123.71	123.32	122.61	121.52	
13	123.39	123.13	123.61	123.84	123.99	124.38	126.33	123.79	123.70	123.32	122.59	121.50	
14	123.38	123.13	123.60	123.81	123.91	124.41	126.06	123.79	123.70	123.31	122.56	121.48	
15	123.38	123.13	123.61	123.79	123.87	124.39	125.77	123.78	123.70	123.30	122.53	121.46	
16	123.37	123.13	123.63	123.78	124.47	124.77	125.45	123.77	123.70	123.29	122.51	121.43	
17	123.35	123.14	123.68	123.78	126.06	125.38	125.04	123.77	123.70	123.27	122.48	121.41	
18	123.34	123.14	123.70	123.79	127.33	125.83	124.77	123.76	123.70	123.24	122.47	121.39	
19	123.33	123.12	123.75	123.81	127.66	126.44	124.47	123.76	123.70	123.21	122.45	121.37	
20	123.32	123.12	123.77	123.81	127.45	126.31	124.26	123.75	123.70	123.17	122.42	121.35	
21	123.30	123.10	123.79	123.80	127.11	125.71	124.09	123.74	123.69	123.15	122.39	121.32	
22	123.27	123.09	123.79	123.81	126.96	125.11	123.97	123.74	123.69	123.12	122.35	121.29	
23	123.25	123.07	123.80	123.85	126.90	124.73	123.95	123.74	123.69	123.09	122.31	121.25	
24	123.23	123.05	123.82	123.90	126.72	124.48	123.93	123.74	123.69	123.05	122.28	121.23	
25	123.21	123.02	123.83	123.87	126.45	124.26	123.91	123.74	123.69	123.03	122.23	121.21	
26	123.19	122.99	123.82	123.83	126.17	124.13	124.02	123.73	123.69	123.01	122.18	121.19	
27	123.16	122.96	123.82	123.81	125.96	124.04	124.00	123.73	123.69	122.99	122.13	121.16	
28	123.14	122.93	123.82	123.82	125.69	124.33	124.00	123.73	123.68	122.97	122.11	121.13	
29	123.14	122.94	123.82	123.82	125.27	124.76	124.00	123.73	123.68	122.95	122.09	121.09	
30	123.17	122.93	123.83	123.87	124.87	124.69	124.00	123.73	123.68	122.93	122.06	121.06	
31		122.93		123.90	124.56		124.00		123.68	122.91		121.02	
Mean	123.35	123.08	123.51	123.86	125.24	124.76	125.24	123.79	123.70	123.25	122.52	121.46	
Max	123.54	123.19	123.83	123.96	127.66	126.44	127.61	123.89	123.73	123.67	122.88	122.06	127.66
Min	123.14	122.93	122.83	123.78	123.81	124.04	123.91	123.73	123.68	122.91	122.09	121.02	121.02
Annual Max Momentary Gage Height	127.69		m. (MSL.) ,				at 09.00 Hours ,						on Aug 19, 2007
Zero Gage at Bottom Elevation	120.29		m. (MSL.) ,			River Bed	118.62	m. (MSL.)					
Left Bank Elevation		127.50		m. (MSL.) ,									
Right Bank Elevation		126.92		m. (MSL.) ,		Drainage Are	1,646	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	0.01	0.01	7.00	9.00	70.00	43.60	8.60	0.01	0.01	0.01	0.00	
2	0.01	0.01	0.01	6.20	7.40	72.40	28.80	8.60	0.01	0.01	0.01	0.00	
3	0.01	0.01	0.01	5.80	6.20	97.20	55.00	8.60	0.01	0.01	0.01	0.00	
4	0.01	0.01	0.01	7.00	5.40	96.40	222.80	7.40	0.01	0.01	0.01	0.00	
5	0.01	0.01	0.01	9.50	5.40	74.00	356.20	6.60	0.01	0.01	0.01	0.00	
6	0.01	0.01	0.00	12.00	7.00	53.80	439.80	6.20	0.01	0.01	0.01	0.00	
7	0.01	0.01	0.00	12.00	28.00	39.20	490.40	5.80	0.01	0.01	0.01	0.00	
8	0.01	0.01	0.00	11.50	74.80	27.20	473.60	5.80	0.01	0.01	0.01	0.00	
9	0.01	0.01	0.75	12.00	99.00	19.40	406.80	5.40	0.01	0.01	0.01	0.00	
10	0.01	0.01	1.65	12.00	74.00	17.60	328.80	5.40	0.01	0.01	0.01	0.00	
11	0.01	0.01	1.65	9.50	46.00	17.60	283.80	5.40	0.01	0.01	0.01	0.00	
12	0.01	0.01	1.65	7.80	30.40	28.80	261.20	5.00	0.01	0.01	0.01	0.00	
13	0.01	0.01	1.65	6.60	13.50	39.20	238.80	4.80	0.01	0.01	0.01	0.00	
14	0.01	0.01	1.50	5.40	9.50	40.60	200.40	4.80	0.01	0.01	0.01	0.00	
15	0.01	0.01	1.65	4.80	7.80	39.60	160.40	4.60	0.01	0.01	0.01	0.00	
16	0.01	0.01	1.95	4.60	44.20	63.60	123.00	4.40	0.01	0.01	0.01	0.00	
17	0.01	0.01	2.70	4.60	200.40	116.00	85.20	4.40	0.01	0.01	0.01	0.00	
18	0.01	0.01	3.00	4.80	426.60	168.20	63.60	4.20	0.01	0.01	0.01	0.00	
19	0.01	0.01	4.00	5.40	502.40	256.40	44.20	4.20	0.01	0.01	0.01	0.00	
20	0.01	0.01	4.40	5.40	453.00	235.60	32.80	4.00	0.01	0.01	0.01	0.00	
21	0.01	0.01	4.80	5.00	378.20	153.20	19.40	0.01	0.01	0.01	0.01	0.00	
22	0.01	0.01	4.80	5.40	346.80	90.80	12.50	0.01	0.01	0.01	0.01	0.00	
23	0.01	0.01	5.00	7.00	336.00	60.40	11.50	0.01	0.01	0.01	0.00	0.00	
24	0.01	0.01	5.80	9.00	303.60	44.80	10.50	0.01	0.01	0.01	0.00	0.00	
25	0.01	0.01	6.20	7.80	258.00	32.80	9.50	0.01	0.01	0.01	0.00	0.00	
26	0.01	0.01	5.80	6.20	215.80	22.40	15.20	0.01	0.01	0.01	0.00	0.00	
27	0.01	0.01	5.80	5.40	186.40	16.40	14.00	0.01	0.01	0.01	0.00	0.00	
28	0.01	0.01	5.80	5.80	150.80	37.20	14.00	0.01	0.01	0.01	0.00	0.00	
29	0.01	0.01	5.80	5.80	105.00	62.80	14.00	0.01	0.01	0.01	0.00	0.00	
30	0.01	0.01	6.20	7.80	71.60	57.40	14.00	0.01	0.01	0.01	0.00	0.00	
31		0.01		9.00	49.60		14.00		0.01	0.01		0.00	
Total	0.30	0.31	82.60	228.10	4451.80	2151.00	4487.80	114.30	0.31	0.31	0.22	0.00	11517.05 CMSDAY
Mean	0.01	0.01	2.75	7.36	143.61	71.70	144.77	3.81	0.01	0.01	0.01	0.00	31.47 CMS
Max	0.01	0.01	6.20	12.00	502.40	256.40	490.40	8.60	0.01	0.01	0.01	0.00	502.40 CMS
Min	0.01	0.01	0.00	4.60	5.40	16.40	9.50	0.01	0.01	0.01	0.00	0.00	0.00 CMS
Runoff	0.03	0.03	7.14	19.71	384.64	185.85	387.75	9.88	0.03	0.03	0.02	0.00	995.07 MCM
Momentary Peak	509.60 CMS. at 127.69 m. (MSL.) at 09.00 Hours , on Aug 19, 2007												
Runoff Yield	19.17 Liters/Second/Square KM.			Momentary Peak Yield			309.60 Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Lam Takhong at Ban Khlong Phai, Nakhon Ratchasima (M.38C)

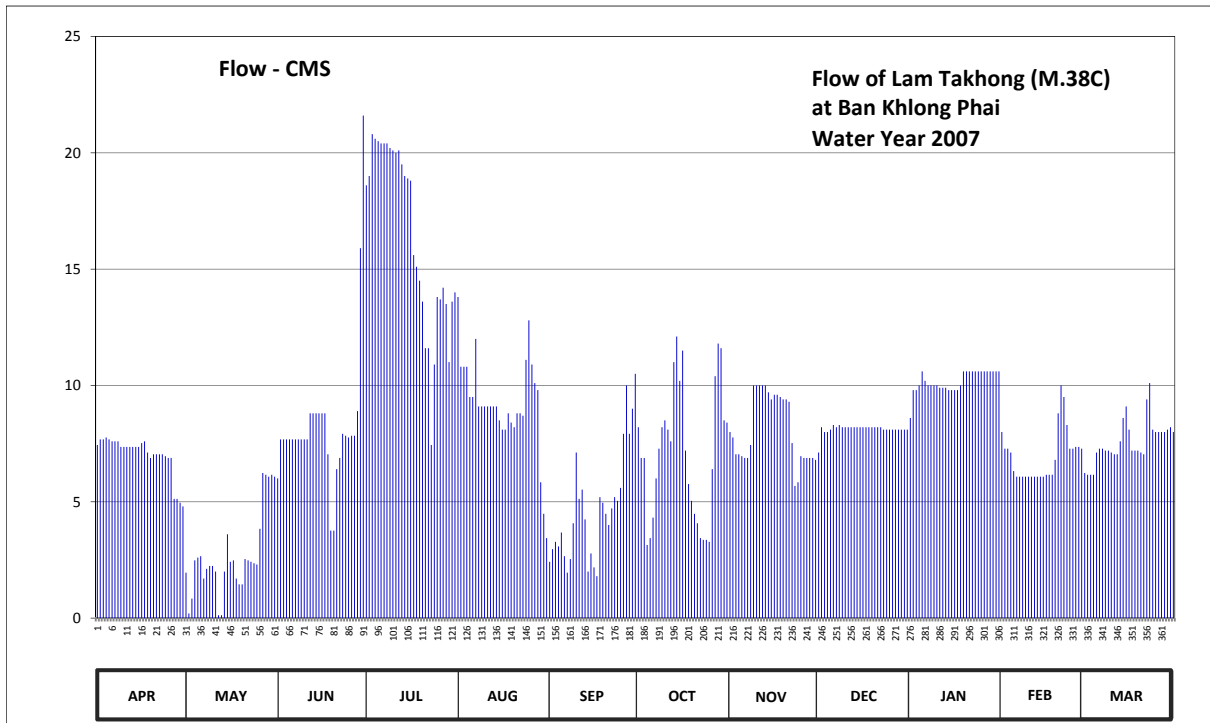
Lat 14 - 52 - 06 N Long 101 - 33 - 53 E

Location : on left bank about 500 meters downstream from Lam Takhong Dam.

	Ban Khlong Phai	Amphoe Sikhiu	Changwat Nakhon Ratchasima
Drainage Area	1,292 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+242.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 20 meters from the measuring line.	Elevation	+251.841 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	1962 to date.		
Rating Operation			
Period of Rating	1962-1965, 1967-1974, 1979-1981, 1983 to date.		
Rated by Flot	-		
Rated by Current Meter	1962-1965, 1967-1974, 1979-1981, 1983 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Lam Takong Dam about 500 meters upstream from the gage site. Stage - discharge relation defined by 48 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	245.43	244.69	245.25	246.56	246.08	244.77	245.52	245.50	245.39	245.56	245.50	245.28	
2	245.46	244.30	245.46	246.60	245.78	244.86	245.36	245.47	245.52	245.68	245.41	245.27	
3	245.46	244.46	245.46	246.78	245.78	244.91	245.36	245.38	245.50	245.68	245.41	245.27	
4	245.47	244.78	245.46	246.76	245.78	244.88	244.89	245.38	245.50	245.70	245.39	245.27	
5	245.46	244.80	245.46	246.75	245.65	244.96	244.93	245.37	245.51	245.76	245.29	245.39	
6	245.45	244.81	245.46	246.74	245.65	244.81	245.04	245.36	245.53	245.72	245.26	245.41	
7	245.45	244.64	245.46	246.74	245.90	244.69	245.25	245.36	245.52	245.70	245.26	245.41	
8	245.45	244.72	245.46	246.74	245.61	244.79	245.41	245.43	245.53	245.70	245.26	245.40	
9	245.42	244.74	245.46	246.72	245.61	245.01	245.52	245.70	245.52	245.70	245.26	245.40	
10	245.42	244.74	245.46	246.71	245.61	245.39	245.55	245.70	245.52	245.70	245.26	245.39	
11	245.42	244.70	245.46	246.70	245.61	245.14	245.51	245.70	245.52	245.69	245.26	245.38	
12	245.42	244.26	245.58	246.71	245.61	245.19	245.45	245.70	245.52	245.69	245.26	245.38	
13	245.42	244.26	245.58	246.65	245.61	245.03	245.80	245.70	245.52	245.69	245.26	245.45	
14	245.42	244.70	245.58	246.60	245.61	244.70	245.91	245.67	245.52	245.68	245.26	245.56	
15	245.42	244.95	245.58	246.59	245.55	244.83	245.72	245.64	245.52	245.68	245.26	245.61	
16	245.44	244.77	245.58	246.58	245.51	244.73	245.85	245.66	245.52	245.68	245.27	245.51	
17	245.45	244.78	245.58	246.26	245.51	244.66	245.40	245.66	245.52	245.68	245.27	245.40	
18	245.39	244.64	245.38	246.21	245.58	245.15	245.22	245.65	245.52	245.70	245.27	245.40	
19	245.36	244.59	244.97	246.15	245.54	245.12	245.13	245.64	245.52	245.76	245.35	245.40	
20	245.38	244.59	244.97	246.06	245.52	245.06	245.06	245.64	245.52	245.76	245.58	245.39	
21	245.38	244.79	245.30	245.86	245.58	245.00	245.01	245.63	245.52	245.76	245.70	245.38	
22	245.38	244.78	245.36	245.86	245.58	245.09	244.93	245.44	245.52	245.76	245.65	245.64	
23	245.38	244.77	245.49	245.43	245.57	245.15	244.92	245.21	245.51	245.76	245.53	245.71	
24	245.37	244.76	245.48	245.79	245.81	245.13	244.92	245.23	245.51	245.76	245.41	245.51	
25	245.36	244.75	245.47	246.08	245.98	245.20	244.91	245.37	245.51	245.76	245.41	245.50	
26	245.36	244.98	245.48	246.07	245.79	245.49	245.30	245.36	245.51	245.76	245.42	245.50	
27	245.14	245.28	245.48	246.12	245.71	245.70	245.74	245.36	245.51	245.76	245.42	245.50	
28	245.14	245.27	245.59	246.05	245.68	245.49	245.88	245.36	245.51	245.76	245.41	245.50	
29	245.12	245.26	246.29	245.80	245.23	245.60	245.86	245.36	245.51	245.76	245.21	245.51	
30	245.10	245.27	246.86	246.06	245.06	245.75	245.55	245.35	245.51	245.76		245.52	
31		245.26		246.10	244.93		245.54		245.51	245.76		245.50	
Mean	245.38	244.78	245.51	246.35	245.61	245.08	245.37	245.50	245.51	245.72	245.36	245.44	
Max	245.47	245.28	246.86	246.78	246.08	245.75	245.91	245.70	245.53	245.76	245.70	245.71	246.86
Min	245.10	244.26	244.97	245.43	244.93	244.66	244.89	245.21	245.39	245.56	245.21	245.27	244.26
Annual Max Momentary Gage Height	247.16		m. (MSL.) ,				at 22.00 Hours ,						
Zero Gage at Bottom Elevation	242.00		m. (MSL.) ,			River Bed	243.57		m. (MSL.)				
Left Bank Elevation		251.47		m. (MSL.) ,									
Right Bank Elevation		252.32		m. (MSL.) ,		Drainage Are	1,292		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.44	1.95	6.00	18.60	13.80	2.42	8.20	8.00	7.12	8.60	8.00	6.24	
2	7.68	0.20	7.68	19.00	10.80	2.96	6.88	7.76	8.20	9.80	7.28	6.16	
3	7.68	0.84	7.68	20.80	10.80	3.28	6.88	7.04	8.00	9.80	7.28	6.16	
4	7.76	2.48	7.68	20.60	10.80	3.08	3.14	7.04	8.00	10.00	7.12	6.16	
5	7.68	2.60	7.68	20.50	9.50	3.68	3.44	6.96	8.10	10.60	6.32	7.12	
6	7.60	2.66	7.68	20.40	9.50	2.66	4.32	6.88	8.30	10.20	6.08	7.28	
7	7.60	1.70	7.68	20.40	12.00	1.95	6.00	6.88	8.20	10.00	6.08	7.28	
8	7.60	2.12	7.68	20.40	9.10	2.54	7.28	7.44	8.30	10.00	6.08	7.20	
9	7.36	2.24	7.68	20.20	9.10	4.08	8.20	10.00	8.20	10.00	6.08	7.20	
10	7.36	2.24	7.68	20.10	9.10	7.12	8.50	10.00	8.20	10.00	6.08	7.12	
11	7.36	2.00	7.68	20.00	9.10	5.12	8.10	10.00	8.20	9.90	6.08	7.04	
12	7.36	0.12	8.80	20.10	9.10	5.52	7.60	10.00	8.20	9.90	6.08	7.04	
13	7.36	0.12	8.80	19.50	9.10	4.24	11.00	10.00	8.20	9.90	6.08	7.60	
14	7.36	2.00	8.80	19.00	9.10	2.00	12.10	9.70	8.20	9.80	6.08	8.60	
15	7.36	3.60	8.80	18.90	8.50	2.78	10.20	9.40	8.20	9.80	6.08	9.10	
16	7.52	2.42	8.80	18.80	8.10	2.18	11.50	9.60	8.20	9.80	6.16	8.10	
17	7.60	2.48	8.80	15.60	8.10	1.80	7.20	9.60	8.20	9.80	6.16	7.20	
18	7.12	1.70	7.04	15.10	8.80	5.20	5.76	9.50	8.20	10.00	6.16	7.20	
19	6.88	1.45	3.76	14.50	8.40	4.96	5.04	9.40	8.20	10.60	6.80	7.20	
20	7.04	1.45	3.76	13.60	8.20	4.48	4.48	9.40	8.20	10.60	8.80	7.12	
21	7.04	2.54	6.40	11.60	8.80	4.00	4.08	9.30	8.20	10.60	10.00	7.04	
22	7.04	2.48	6.88	11.60	8.80	4.72	3.44	7.52	8.20	10.60	9.50	9.40	
23	7.04	2.42	7.92	7.44	8.70	5.20	3.36	5.68	8.10	10.60	8.30	10.10	
24	6.96	2.36	7.84	10.90	11.10	5.04	3.36	5.84	8.10	10.60	7.28	8.10	
25	6.88	2.30	7.76	13.80	12.80	5.60	3.28	6.96	8.10	10.60	7.28	8.00	
26	6.88	3.84	7.84	13.70	10.90	7.92	6.40	6.88	8.10	10.60	7.36	8.00	
27	5.12	6.24	7.84	14.20	10.10	10.00	10.40	6.88	8.10	10.60	7.36	8.00	
28	5.12	6.16	8.90	13.50	9.80	7.92	11.80	6.88	8.10	10.60	7.28	8.00	
29	4.96	6.08	15.90	11.00	5.84	9.00	11.60	6.88	8.10	10.60	5.68	8.10	
30	4.80	6.16	21.60	13.60	4.48	10.50	8.50	6.80	8.10	10.60		8.20	
31		6.08		14.00	3.44		8.40		8.10	10.60		8.00	
Total	210.56	83.03	249.04	511.44	285.76	141.95	220.44	244.22	251.92	315.70	200.92	235.06	2950.04 CMSDAY
Mean	7.02	2.68	8.30	16.50	9.22	4.73	7.11	8.14	8.13	10.18	6.93	7.58	8.06 CMS
Max	7.76	6.24	21.60	20.80	13.80	10.50	12.10	10.00	8.30	10.60	10.00	10.10	21.60 CMS
Min	4.80	0.12	3.76	7.44	3.44	1.80	3.14	5.68	7.12	8.60	5.68	6.16	0.12 CMS
Runoff	18.19	7.17	21.52	44.19	24.69	12.26	19.05	21.10	21.77	27.28	17.36	20.31	254.88 MCM
Momentary Peak		25.12 CMS		at 247.16 m. (MSL) at 22.00 Hours , on Aug 24, 2007									
Runoff Yield		6.26		Liters/Second/Square KM.			Momentary Peak Yield	19.44					Liters/Second/Square KM.

WATER YEAR : 2007**MUN RIVER BASIN****Huai Thap Than at Ban Huai Thap Than, Si Sa Ket (M.42)**

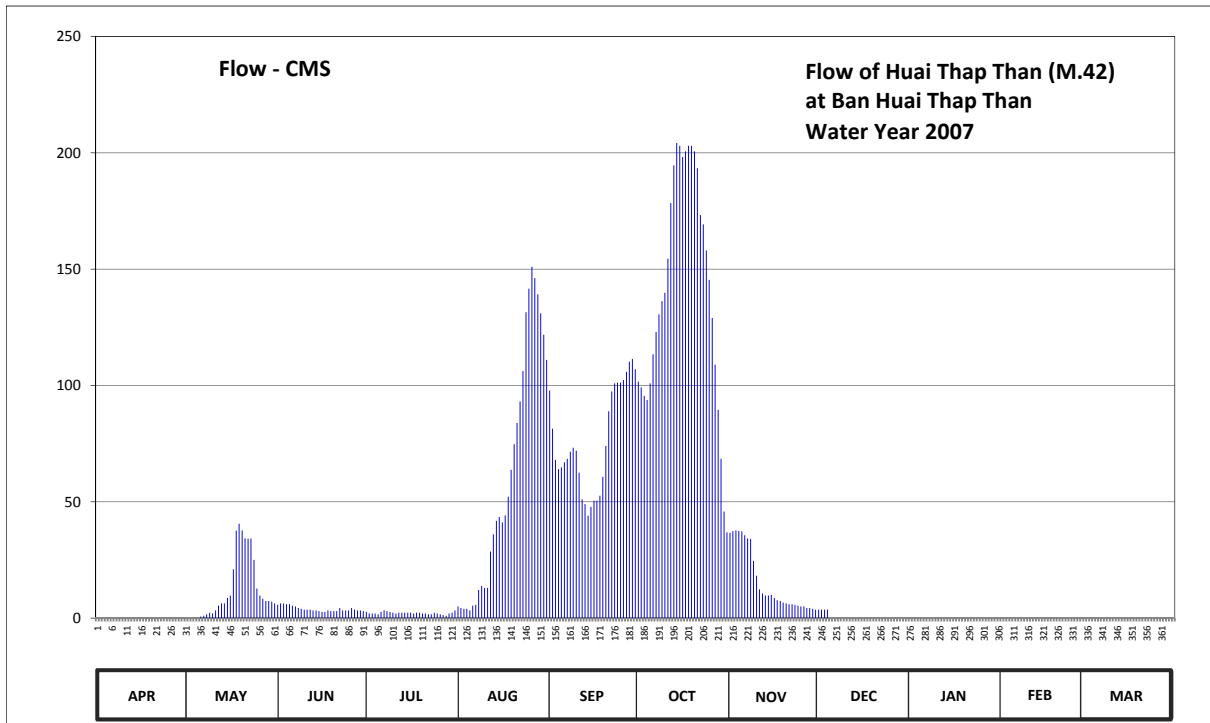
Lat 15 - 02 - 48 N Long 104 - 01 - 31 E

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.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	118.850	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+130.440 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	1972 to date					
Rating Operation						
Period of Rating	1972 - 1981, 1987 to date					
Rated by Flot	-					
Rated by Current Meter	1972 - 1981, 1987 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +124.900 m.(MSL.) and is including overbank flow.					
General Description	Records very good. Flow effected by the local weir about 800 meters downstream from the gage site. Stage-discharge relation defined by 31 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	122.02	121.95	122.27	122.18	122.25	126.35	126.46	123.52	122.21	122.16	122.14	122.10	
2	122.01	121.95	122.29	122.16	122.23	125.79	126.39	123.58	122.21	122.15	122.14	122.10	
3	122.00	121.95	122.29	122.16	122.22	125.26	126.28	123.61	122.21	122.15	122.13	122.10	
4	121.99	121.93	122.28	122.16	122.22	125.10	126.22	123.59	122.21	122.15	122.13	122.09	
5	121.98	121.93	122.28	122.15	122.20	125.13	126.44	123.57	122.28	122.15	122.13	122.09	
6	121.98	122.12	122.26	122.18	122.26	125.22	126.76	123.42	122.25	122.15	122.13	122.08	
7	121.97	122.13	122.25	122.20	122.27	125.28	127.00	123.23	122.23	122.15	122.13	122.08	
8	121.96	122.15	122.23	122.19	122.47	125.40	127.17	123.06	122.22	122.15	122.13	122.08	
9	121.96	122.17	122.22	122.18	122.52	125.47	127.27	122.79	122.20	122.15	122.13	122.08	
10	121.95	122.16	122.21	122.17	122.50	125.42	127.33	122.63	122.20	122.15	122.13	122.08	
11	121.94	122.20	122.21	122.16	122.50	125.04	127.55	122.48	122.19	122.15	122.13	122.08	
12	121.94	122.26	122.21	122.17	122.89	124.50	127.84	122.42	122.19	122.15	122.13	122.07	
13	121.93	122.29	122.20	122.17	123.46	124.39	127.98	122.39	122.19	122.15	122.13	122.07	
14	121.94	122.29	122.20	122.17	123.98	124.11	128.06	122.39	122.19	122.15	122.13	122.07	
15	121.95	122.36	122.19	122.17	124.08	124.32	128.05	122.40	122.19	122.15	122.13	122.07	
16	121.95	122.39	122.18	122.17	123.92	124.47	128.01	122.36	122.19	122.15	122.12	122.08	
17	121.94	122.70	122.18	122.16	124.12	124.47	128.03	122.33	122.19	122.15	122.12	122.08	
18	121.94	123.60	122.20	122.17	124.56	124.58	128.05	122.32	122.19	122.15	122.12	122.08	
19	121.94	123.87	122.19	122.17	125.09	124.97	128.05	122.30	122.19	122.15	122.12	122.08	
20	121.93	123.61	122.19	122.16	125.53	125.50	128.03	122.29	122.19	122.15	122.12	122.08	
21	121.92	123.30	122.19	122.16	125.88	126.06	127.97	122.28	122.19	122.15	122.12	122.08	
22	121.92	123.11	122.23	122.15	126.20	126.34	127.79	122.28	122.19	122.15	122.12	122.08	
23	121.91	123.14	122.20	122.15	126.58	126.44	127.74	122.27	122.18	122.15	122.12	122.08	
24	121.90	122.80	122.20	122.17	127.19	126.45	127.60	122.26	122.17	122.15	122.12	122.08	
25	121.93	122.49	122.20	122.16	127.36	126.45	127.42	122.25	122.17	122.15	122.12	122.07	
26	121.96	122.39	122.23	122.15	127.50	126.48	127.14	122.25	122.16	122.15	122.12	122.04	
27	121.96	122.35	122.21	122.14	127.43	126.57	126.65	122.23	122.16	122.15	122.12	122.04	
28	121.95	122.32	122.20	122.13	127.32	126.68	126.08	122.23	122.16	122.14	122.12	122.14	
29	121.95	122.32	122.20	122.16	127.18	126.71	125.28	122.22	122.16	122.14	122.12	122.14	
30	121.95	122.31	122.19	122.17	126.97	126.60	124.21	122.21	122.16	122.14	122.14	122.14	
31		122.29		122.20	126.70		123.53		122.16	122.14	122.14	122.14	
Mean	121.95	122.48	122.22	122.17	124.50	125.52	127.04	122.64	122.19	122.15	122.13	122.09	
Max	122.02	123.87	122.29	122.20	127.50	126.71	128.06	123.61	122.28	122.16	122.14	122.14	128.06
Min	121.90	121.93	122.18	122.13	122.20	124.11	123.53	122.21	122.16	122.14	122.12	122.04	121.90
Annual Max Momentary Gage Height	128.06		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	118.85		m. (MSL.) ,			River Bed	118.31		m. (MSL.) ,				
Left Bank Elevation		124.89		m. (MSL.) ,									
Right Bank Elevation		126.87		m. (MSL.) ,		Drainage Are	2,832		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	5.67	2.67	5.00	97.80	101.60	36.72	3.67	0.00	0.00	0.00	
2	0.00	0.00	6.33	2.00	4.33	81.43	99.16	37.38	3.67	0.00	0.00	0.00	
3	0.00	0.00	6.33	2.00	4.00	68.00	95.50	37.71	3.67	0.00	0.00	0.00	
4	0.00	0.00	6.00	2.00	4.00	64.00	93.70	37.49	3.67	0.00	0.00	0.00	
5	0.00	0.00	6.00	1.67	3.33	64.75	100.90	37.27	0.00	0.00	0.00	0.00	
6	0.00	0.67	5.33	2.67	5.33	67.00	113.40	35.62	0.00	0.00	0.00	0.00	
7	0.00	1.00	5.00	3.33	5.67	68.50	123.00	34.23	0.00	0.00	0.00	0.00	
8	0.00	1.67	4.33	3.00	12.10	71.50	130.50	34.06	0.00	0.00	0.00	0.00	
9	0.00	2.33	4.00	2.67	13.80	73.25	136.20	24.60	0.00	0.00	0.00	0.00	
10	0.00	2.00	3.67	2.33	13.00	72.00	139.80	18.20	0.00	0.00	0.00	0.00	
11	0.00	3.33	3.67	2.00	13.00	62.50	154.50	12.40	0.00	0.00	0.00	0.00	
12	0.00	5.33	3.67	2.33	28.60	51.00	178.40	10.60	0.00	0.00	0.00	0.00	
13	0.00	6.33	3.33	2.33	36.06	49.02	194.60	9.67	0.00	0.00	0.00	0.00	
14	0.00	6.33	3.33	2.33	41.78	43.98	204.20	9.67	0.00	0.00	0.00	0.00	
15	0.00	8.67	3.00	2.33	43.44	47.76	203.00	10.00	0.00	0.00	0.00	0.00	
16	0.00	9.67	2.67	2.33	41.12	50.46	198.20	8.67	0.00	0.00	0.00	0.00	
17	0.00	21.00	2.67	2.00	44.16	50.46	200.60	7.67	0.00	0.00	0.00	0.00	
18	0.00	37.60	3.33	2.33	52.20	52.60	203.00	7.33	0.00	0.00	0.00	0.00	
19	0.00	40.57	3.00	2.33	63.75	60.75	203.00	6.67	0.00	0.00	0.00	0.00	
20	0.00	37.71	3.00	2.00	74.75	74.00	200.60	6.33	0.00	0.00	0.00	0.00	
21	0.00	34.30	3.00	2.00	83.86	88.90	193.40	6.00	0.00	0.00	0.00	0.00	
22	0.00	34.11	4.33	1.67	93.10	97.46	173.20	6.00	0.00	0.00	0.00	0.00	
23	0.00	34.14	3.33	1.67	106.20	100.90	169.20	5.67	0.00	0.00	0.00	0.00	
24	0.00	25.00	3.33	2.33	131.50	101.25	158.00	5.33	0.00	0.00	0.00	0.00	
25	0.00	12.70	3.33	2.00	141.60	101.25	145.40	5.00	0.00	0.00	0.00	0.00	
26	0.00	9.67	4.33	1.67	151.00	102.30	129.00	5.00	0.00	0.00	0.00	0.00	
27	0.00	8.33	3.67	1.33	146.10	105.80	109.00	4.33	0.00	0.00	0.00	0.00	
28	0.00	7.33	3.33	1.00	139.20	110.20	89.50	4.33	0.00	0.00	0.00	0.00	
29	0.00	7.33	3.33	2.00	131.00	111.40	68.50	4.00	0.00	0.00	0.00	0.00	
30	0.00	7.00	3.00	2.33	121.80	107.00	45.78	3.67	0.00	0.00	0.00	0.00	
31	0.00	6.33	3.33	3.33	111.00	111.00	36.83	0.00	0.00	0.00	0.00	0.00	
Total	0.00	370.45	119.31	67.98	1865.78	2297.22	4391.67	471.62	14.68	0.00	0.00	0.00	9598.71 CMSDAY
Mean	0.00	11.95	3.98	2.19	60.19	76.57	141.67	15.72	0.47	0.00	0.00	0.00	26.23 CMS
Max	0.00	40.57	6.33	3.33	151.00	111.40	204.20	37.71	3.67	0.00	0.00	0.00	204.20 CMS
Min	0.00	0.00	2.67	1.00	3.33	43.98	36.83	3.67	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	32.01	10.31	5.87	161.20	198.48	379.44	40.75	1.27	0.00	0.00	0.00	829.33 MCM
Momentary Peak	204.20	CMS.	at 128.06 m. (MSL.)	at 09.00 Hours	on Oct 14, 2007								
Runoff Yield	9.29	Liters/Second/Square KM.			Momentary Peak Yield	72.10	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Lam Takhong at Ban Tha Maprang, Nakhon Ratchasima (M.43A)

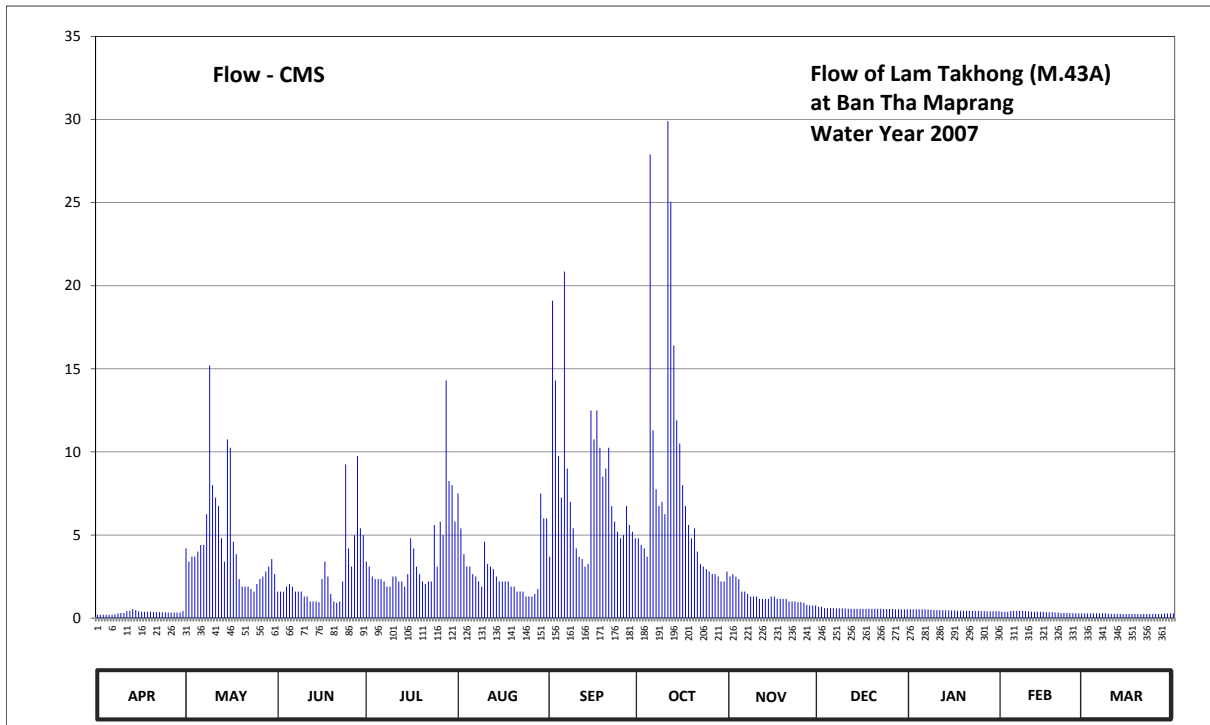
Lat 14 - 30 - 43 N Long 101 - 22 - 49 E

Location : on left bank about 2 kilometers downstream from M.43

	Ban Tha Maprang	Amphoe Pak Chong	Changwat Nakhon Ratchasima
Drainage Area	153 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+372.540 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream at the footpath of the bridge.	Elevation	+378.670 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	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 good. The weir situated above gage site. Stage-discharge relation defined by 39 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	372.07	372.71	372.54	372.66	372.86	372.68	372.74	372.60	372.42	372.34	372.22	372.14	
2	372.07	372.66	372.54	372.64	372.77	373.26	372.72	372.61	372.42	372.34	372.22	372.14	
3	372.07	372.68	372.54	372.60	372.69	373.11	372.71	372.60	372.40	372.34	372.22	372.14	
4	372.07	372.68	372.56	372.59	372.64	372.95	372.68	372.59	372.40	372.34	372.25	372.14	
5	372.07	372.70	372.57	372.59	372.64	372.85	373.51	372.54	372.40	372.34	372.26	372.14	
6	372.07	372.72	372.56	372.59	372.61	373.31	373.01	372.54	372.40	372.34	372.26	372.14	
7	372.09	372.72	372.54	372.58	372.60	372.92	372.87	372.53	372.39	372.33	372.26	372.14	
8	372.14	372.81	372.54	372.56	372.58	372.84	372.83	372.52	372.39	372.32	372.26	372.14	
9	372.16	373.14	372.54	372.56	372.56	372.77	372.84	372.52	372.38	372.31	372.25	372.12	
10	372.16	372.88	372.52	372.60	372.73	372.71	372.81	372.52	372.38	372.30	372.24	372.12	
11	372.24	372.85	372.52	372.60	372.65	372.68	373.56	372.51	372.37	372.30	372.22	372.12	
12	372.27	372.83	372.50	372.58	372.64	372.67	373.43	372.51	372.37	372.30	372.22	372.12	
13	372.35	372.74	372.50	372.58	372.63	372.64	373.18	372.51	372.37	372.29	372.22	372.12	
14	372.31	372.66	372.50	372.56	372.60	372.65	373.03	372.51	372.37	372.29	372.22	372.11	
15	372.24	372.99	372.49	372.61	372.58	373.05	372.98	372.52	372.37	372.28	372.21	372.11	
16	372.22	372.97	372.59	372.74	372.58	372.99	372.88	372.52	372.37	372.28	372.20	372.11	
17	372.22	372.73	372.66	372.71	372.58	373.05	372.83	372.51	372.37	372.27	372.20	372.11	
18	372.22	372.69	372.60	372.64	372.58	372.97	372.78	372.51	372.37	372.27	372.20	372.11	
19	372.22	372.59	372.53	372.61	372.56	372.90	372.74	372.51	372.37	372.27	372.18	372.11	
20	372.20	372.56	372.50	372.58	372.56	372.92	372.77	372.51	372.37	372.27	372.18	372.11	
21	372.20	372.56	372.48	372.57	372.54	372.97	372.70	372.50	372.37	372.26	372.16	372.11	
22	372.20	372.56	372.50	372.58	372.54	372.83	372.65	372.50	372.37	372.26	372.16	372.11	
23	372.20	372.55	372.58	372.58	372.54	372.79	372.64	372.50	372.36	372.26	372.16	372.11	
24	372.19	372.54	372.93	372.78	372.52	372.76	372.63	372.49	372.36	372.26	372.15	372.11	
25	372.18	372.57	372.71	372.64	372.52	372.74	372.62	372.49	372.36	372.25	372.15	372.11	
26	372.18	372.59	372.64	372.79	372.52	372.75	372.61	372.48	372.36	372.25	372.14	372.11	
27	372.18	372.60	372.75	372.75	372.53	372.83	372.61	372.45	372.34	372.24	372.14	372.11	
28	372.18	372.62	372.95	373.11	372.55	372.78	372.60	372.44	372.34	372.24	372.14	372.13	
29	372.18	372.64	372.77	372.89	372.86	372.76	372.58	372.44	372.34	372.24	372.14	372.13	
30	372.25	372.67	372.75	372.88	372.80	372.74	372.58	372.44	372.34	372.24	372.14	372.14	
31		372.61		372.79	372.80		372.62		372.34	372.24		372.14	
Mean	372.18	372.70	372.60	372.66	372.62	372.86	372.83	372.51	372.37	372.29	372.20	372.12	
Max	372.35	373.14	372.95	373.11	372.86	373.31	373.56	372.61	372.42	372.34	372.26	372.14	373.56
Min	372.07	372.54	372.48	372.56	372.52	372.64	372.58	372.44	372.34	372.24	372.14	372.11	372.07
Annual Max Momentary Gage Height	374.16		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	372.54		m. (MSL.) ,			River Bed	371.75	m. (MSL.) ,					
Left Bank Elevation		375.41		m. (MSL.) ,									
Right Bank Elevation		375.99		m. (MSL.) ,		Drainage Are	153	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	4.20	1.60	3.40	7.50	3.70	4.80	2.50	0.68	0.53	0.38	0.29	
2	0.20	3.40	1.60	3.10	5.40	19.10	4.40	2.65	0.68	0.53	0.38	0.29	
3	0.20	3.70	1.60	2.50	3.85	14.30	4.20	2.50	0.60	0.53	0.38	0.29	
4	0.20	3.70	1.90	2.35	3.10	9.75	3.70	2.35	0.60	0.53	0.42	0.29	
5	0.20	4.00	2.05	2.35	3.10	7.25	27.90	1.60	0.60	0.53	0.43	0.29	
6	0.20	4.40	1.90	2.35	2.65	20.85	11.30	1.60	0.60	0.53	0.43	0.29	
7	0.23	4.40	1.60	2.20	2.50	9.00	7.75	1.45	0.59	0.52	0.43	0.29	
8	0.29	6.25	1.60	1.90	2.20	7.00	6.75	1.30	0.59	0.50	0.43	0.29	
9	0.31	15.20	1.60	1.90	1.90	5.40	7.00	1.30	0.58	0.49	0.42	0.26	
10	0.31	8.00	1.30	2.50	4.60	4.20	6.25	1.30	0.58	0.48	0.41	0.26	
11	0.41	7.25	1.30	2.50	3.25	3.70	29.90	1.15	0.56	0.48	0.38	0.26	
12	0.44	6.75	1.00	2.20	3.10	3.55	25.05	1.15	0.56	0.48	0.38	0.26	
13	0.54	4.80	1.00	2.20	2.95	3.10	16.40	1.15	0.56	0.47	0.38	0.26	
14	0.49	3.40	1.00	1.90	2.50	3.25	11.90	1.15	0.56	0.47	0.38	0.25	
15	0.41	10.75	0.96	2.65	2.20	12.50	10.50	1.30	0.56	0.46	0.37	0.25	
16	0.38	10.25	2.35	4.80	2.20	10.75	8.00	1.30	0.56	0.46	0.36	0.25	
17	0.38	4.60	3.40	4.20	2.20	12.50	6.75	1.15	0.56	0.44	0.36	0.25	
18	0.38	3.85	2.50	3.10	2.20	10.25	5.60	1.15	0.56	0.44	0.36	0.25	
19	0.38	2.35	1.45	2.65	1.90	8.50	4.80	1.15	0.56	0.44	0.34	0.25	
20	0.36	1.90	1.00	2.20	1.90	9.00	5.40	1.15	0.56	0.44	0.34	0.25	
21	0.36	1.90	0.92	2.05	1.60	10.25	4.00	1.00	0.56	0.43	0.31	0.25	
22	0.36	1.90	1.00	2.20	1.60	6.75	3.25	1.00	0.56	0.43	0.31	0.25	
23	0.36	1.75	2.20	2.20	1.60	5.80	3.10	1.00	0.55	0.43	0.31	0.25	
24	0.35	1.60	9.25	5.60	1.30	5.20	2.95	0.96	0.55	0.43	0.30	0.25	
25	0.34	2.05	4.20	3.10	1.30	4.80	2.80	0.96	0.55	0.42	0.30	0.25	
26	0.34	2.35	3.10	5.80	1.30	5.00	2.65	0.92	0.55	0.42	0.29	0.25	
27	0.34	2.50	5.00	5.00	1.45	6.75	2.65	0.80	0.53	0.41	0.29	0.25	
28	0.34	2.80	9.75	14.30	1.75	5.60	2.50	0.76	0.53	0.41	0.29	0.28	
29	0.34	3.10	5.40	8.25	7.50	5.20	2.20	0.76	0.53	0.41	0.29	0.28	
30	0.42	3.55	5.00	8.00	6.00	4.80	2.20	0.76	0.53	0.41	0.29	0.29	
31		2.65		5.80	6.00		2.80		0.53	0.41		0.29	
Total	10.06	139.30	78.53	115.25	92.60	237.80	239.45	39.27	17.67	14.36	10.45	8.26	1003.00 CMSDAY
Mean	0.34	4.49	2.62	3.72	2.99	7.93	7.72	1.31	0.57	0.46	0.36	0.27	2.74 CMS
Max	0.54	15.20	9.75	14.30	7.50	20.85	29.90	2.65	0.68	0.53	0.43	0.29	29.90 CMS
Min	0.20	1.60	0.92	1.90	1.30	3.10	2.20	0.76	0.53	0.41	0.29	0.25	0.20 CMS
Runoff	0.87	12.04	6.78	9.96	8.00	20.55	20.69	3.39	1.53	1.24	0.90	0.71	86.66 MCM
Momentary Peak	55.70	CMS.	at 374.16 m. (MSL.)	at 12.00 Hours	on Oct 5, 2007								
Runoff Yield	17.96	Liters/Second/Square KM.		Momentary Peak Yield	364.05	Liters/Second/Square KM.							

WATER YEAR : 2007

MUN RIVER BASIN

Mun River at Ban Nong Sano, Si Sa Ket (M.49)

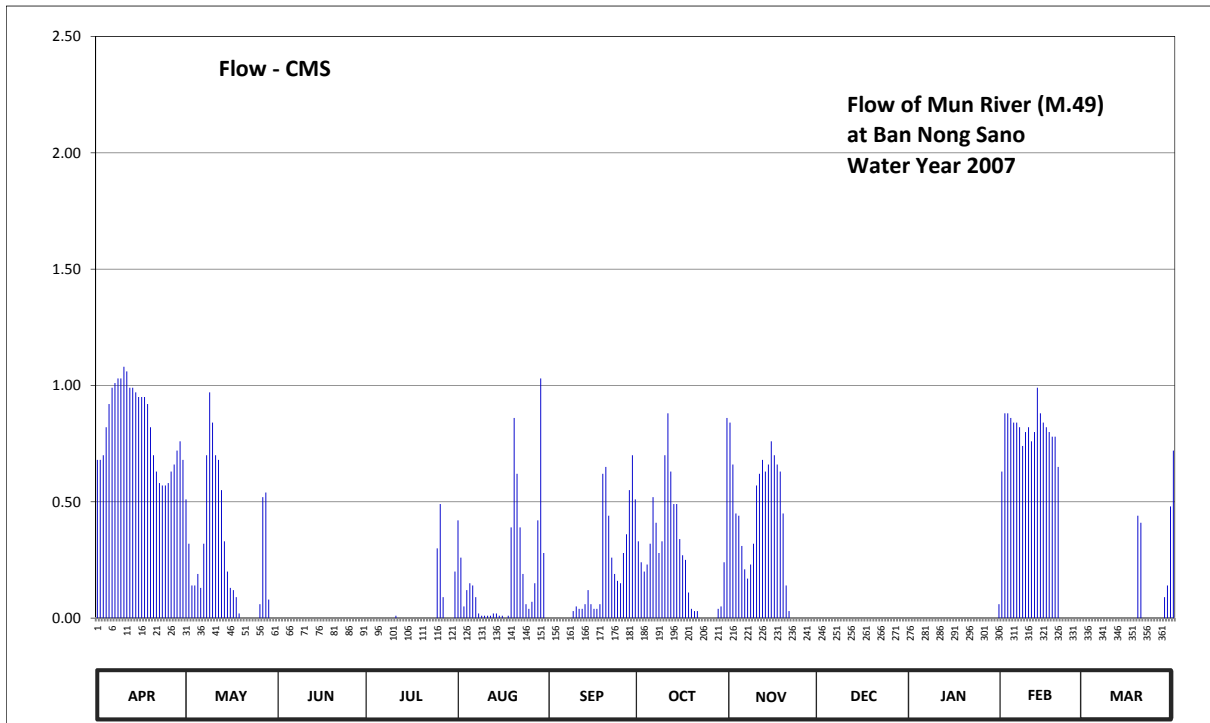
Lat 14 - 32 - 00 N Long 102 - 10 - 00 E

Location : on right bank about 3 kilometers from Ban Chorrakne Hin.

	Ban Nong Sano	Amphoe Khon Buri	Changwat Nakhon Ratchasima
Drainage Area	502 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	197.211 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the automatic gage building.	Elevation	+202.291 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 - 1973, 2000 to date.		
Rated by Flot	-		
Rated by Current Meter	1965 - 1973, 2000 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage - discharge relation defined by 3 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	200.50	200.39	199.59	199.70	200.33	199.68	200.26	200.58	199.39	199.73	200.47	199.56	
2	200.50	200.25	199.58	199.69	200.20	199.66	200.18	200.49	199.39	199.72	200.60	199.56	
3	200.51	200.07	199.59	199.67	199.92	199.68	200.14	200.35	199.42	199.71	200.60	199.55	
4	200.57	200.07	199.59	199.65	200.03	199.67	200.17	200.34	199.43	199.72	200.59	199.52	
5	200.62	200.13	199.59	199.64	200.09	199.64	200.25	200.24	199.44	199.75	200.58	199.41	
6	200.65	200.05	199.59	199.61	200.07	199.61	200.40	200.15	199.52	199.75	200.58	199.45	
7	200.66	200.25	199.59	199.53	199.99	199.62	200.32	200.11	199.71	199.75	200.57	199.47	
8	200.67	200.51	199.60	199.52	199.84	199.76	200.22	200.17	199.66	199.75	200.53	199.47	
9	200.67	200.64	199.60	199.51	199.83	199.88	200.26	200.25	199.55	199.75	200.56	199.48	
10	200.69	200.58	199.60	199.54	199.82	199.91	200.51	200.43	199.44	199.75	200.57	199.48	
11	200.68	200.51	199.59	199.83	199.83	199.89	200.60	200.46	199.41	199.75	200.54	199.49	
12	200.65	200.50	199.59	199.72	199.83	199.89	200.47	200.50	199.40	199.74	200.56	199.49	
13	200.65	200.42	199.60	199.64	199.84	199.93	200.38	200.47	199.37	199.74	200.65	199.50	
14	200.64	200.26	199.66	199.59	199.84	200.03	200.38	200.49	199.39	199.73	200.60	199.49	
15	200.63	200.14	199.67	199.58	199.83	199.93	200.27	200.54	199.63	199.73	200.58	199.47	
16	200.63	200.05	199.68	199.58	199.82	199.90	200.21	200.51	199.71	199.73	200.57	199.46	
17	200.63	200.03	199.69	199.58	199.79	199.90	200.19	200.49	199.77	199.72	200.56	199.45	
18	200.62	199.98	199.69	199.58	199.82	199.94	200.02	200.47	199.79	199.72	200.55	199.61	
19	200.57	199.86	199.69	199.59	200.31	200.46	199.89	200.35	199.80	199.72	200.55	200.34	
20	200.51	199.74	199.68	199.66	200.59	200.48	199.87	200.06	199.77	199.72	200.48	200.32	
21	200.47	199.65	199.68	199.72	200.46	200.34	199.88	199.87	199.76	199.72	199.72	199.76	
22	200.44	199.59	199.68	199.74	200.31	200.20	199.80	199.75	199.77	199.72	199.56	199.63	
23	200.43	199.59	199.68	199.76	200.13	200.13	199.80	199.64	199.76	199.72	199.69	199.58	
24	200.43	199.58	199.68	199.81	199.94	200.10	199.78	199.56	199.76	199.70	199.67	199.58	
25	200.44	199.62	199.68	200.23	199.90	200.09	199.70	199.55	199.76	199.61	199.65	199.56	
26	200.47	199.93	199.69	200.38	199.95	200.22	199.71	199.54	199.75	199.52	199.63	199.56	
27	200.49	200.40	199.69	199.98	200.09	200.28	199.77	199.53	199.73	199.66	199.55	199.70	
28	200.52	200.41	199.69	199.80	200.33	200.42	199.89	199.50	199.71	199.71	199.56	199.99	
29	200.54	199.96	199.69	199.78	200.67	200.51	199.92	199.44	199.70	199.73	199.58	200.07	
30	200.50	199.60	199.69	199.78	200.22	200.39	200.18	199.41	199.71	199.73	200.52	200.37	
31		199.59		200.14	199.80		200.59		199.73	199.93		200.52	
Mean	200.57	200.08	199.64	199.73	200.05	200.00	200.13	200.11	199.62	199.72	200.27	199.67	
Max	200.69	200.64	199.69	200.38	200.67	200.51	200.60	200.58	199.80	199.93	200.65	200.52	200.69
Min	200.43	199.58	199.58	199.51	199.79	199.61	199.70	199.41	199.37	199.52	199.55	199.41	199.37
Annual Max Momentary Gage Height	200.74		m. (MSL.) ,				at 11.00 Hours ,						
Zero Gage at Bottom Elevation	197.21		m. (MSL.) ,			River Bed	197.28		m. (MSL.) ,				
Left Bank Elevation		201.30		m. (MSL.) ,									
Right Bank Elevation		202.12		m. (MSL.) ,		Drainage Are	502		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.68	0.51	0.00	0.00	0.42	0.00	0.33	0.84	0.00	0.00	0.63	0.00	
2	0.68	0.32	0.00	0.00	0.26	0.00	0.24	0.66	0.00	0.00	0.88	0.00	
3	0.70	0.14	0.00	0.00	0.05	0.00	0.20	0.45	0.00	0.00	0.88	0.00	
4	0.82	0.14	0.00	0.00	0.12	0.00	0.23	0.44	0.00	0.00	0.86	0.00	
5	0.92	0.19	0.00	0.00	0.15	0.00	0.32	0.31	0.00	0.00	0.84	0.00	
6	0.99	0.13	0.00	0.00	0.14	0.00	0.52	0.21	0.00	0.00	0.84	0.00	
7	1.01	0.32	0.00	0.00	0.09	0.00	0.41	0.17	0.00	0.00	0.82	0.00	
8	1.03	0.70	0.00	0.00	0.02	0.00	0.28	0.23	0.00	0.00	0.74	0.00	
9	1.03	0.97	0.00	0.00	0.01	0.03	0.33	0.32	0.00	0.00	0.80	0.00	
10	1.08	0.84	0.00	0.00	0.01	0.05	0.70	0.57	0.00	0.00	0.82	0.00	
11	1.06	0.70	0.00	0.01	0.01	0.04	0.88	0.62	0.00	0.00	0.76	0.00	
12	0.99	0.68	0.00	0.00	0.01	0.04	0.63	0.68	0.00	0.00	0.80	0.00	
13	0.99	0.55	0.00	0.00	0.02	0.06	0.49	0.63	0.00	0.00	0.99	0.00	
14	0.97	0.33	0.00	0.00	0.02	0.12	0.49	0.66	0.00	0.00	0.88	0.00	
15	0.95	0.20	0.00	0.00	0.01	0.06	0.34	0.76	0.00	0.00	0.84	0.00	
16	0.95	0.13	0.00	0.00	0.01	0.04	0.27	0.70	0.00	0.00	0.82	0.00	
17	0.95	0.12	0.00	0.00	0.00	0.04	0.25	0.66	0.00	0.00	0.80	0.00	
18	0.92	0.09	0.00	0.00	0.01	0.06	0.11	0.63	0.00	0.00	0.78	0.00	
19	0.82	0.02	0.00	0.00	0.39	0.62	0.04	0.45	0.00	0.00	0.78	0.44	
20	0.70	0.00	0.00	0.00	0.86	0.65	0.03	0.14	0.00	0.00	0.65	0.41	
21	0.63	0.00	0.00	0.00	0.62	0.44	0.03	0.03	0.00	0.00	0.00	0.00	
22	0.58	0.00	0.00	0.00	0.39	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.57	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.57	0.00	0.00	0.00	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.58	0.00	0.00	0.30	0.04	0.15	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.63	0.06	0.00	0.49	0.07	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.66	0.52	0.00	0.09	0.15	0.36	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.72	0.54	0.00	0.00	0.42	0.55	0.04	0.00	0.00	0.00	0.00	0.09	
29	0.76	0.08	0.00	0.00	1.03	0.70	0.05	0.00	0.00	0.00	0.00	0.14	
30	0.68	0.00	0.00	0.00	0.28	0.51	0.24	0.00	0.00	0.00	0.00	0.48	
31	0.00	0.00	0.00	0.20	0.00	0.00	0.86	0.00	0.00	0.06	0.00	0.72	
Total	24.62	8.28	0.00	1.09	5.86	5.41	8.31	10.16	0.00	0.06	16.21	2.28	82.28 CMSDAY
Mean	0.82	0.27	0.00	0.04	0.19	0.18	0.27	0.34	0.00	0.00	0.56	0.07	0.22 CMS
Max	1.08	0.97	0.00	0.49	1.03	0.70	0.88	0.84	0.00	0.06	0.99	0.72	1.08 CMS
Min	0.57	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	2.13	0.72	0.00	0.09	0.51	0.47	0.72	0.88	0.00	0.01	1.40	0.20	7.11 MCM
Momentary Peak	1.20	CMS. at 200.74 m. (MSL.) at 11.00 Hours , on Aug 29, 2007											
Runoff Yield	0.45	Liters/Second/Square KM.		Momentary Peak Yield		2.39	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Lam Sae at Ban Khon Buri, Nakhon Ratchasima (M.50)

Lat 14 - 31 - 05 N Long 102 - 14 - 46 E

Location : on right bank infront of Amphoe Khon Buri Office.

	Ban Khon Buri	Amphoe Khon Buri	Changwat Nakhon Ratchasima
Drainage Area	864 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+198.700 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the automatic gage building.	Elevation	+203.760 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 - 1967, 1999 to date.		
Rated by Flot	-		
Rated by Current Meter	1965 - 1982, 1999 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. The weir situated about 2 kilometers downstream from the gage site. Stage-discharge relation defined by 7 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

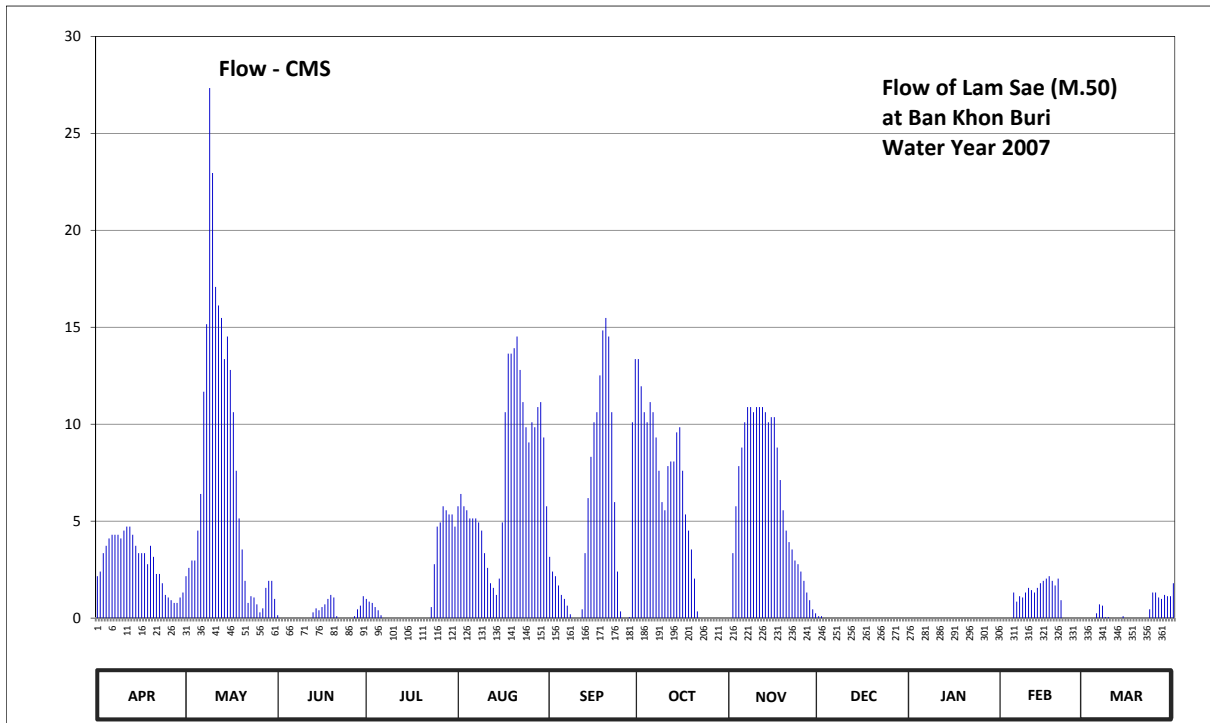
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	200.48	200.48	200.23	200.37	200.67	200.54	200.97	200.10	200.22	199.76	199.46	199.92	
2	200.50	200.51	200.10	200.35	200.70	200.50	200.92	200.55	200.22	199.74	199.46	199.95	
3	200.55	200.53	200.03	200.34	200.67	200.48	200.87	200.67	200.17	199.73	199.47	200.09	
4	200.57	200.53	199.98	200.31	200.66	200.44	200.85	200.76	200.14	199.72	199.62	200.18	
5	200.59	200.61	199.93	200.28	200.64	200.40	200.89	200.80	200.13	199.72	200.41	200.25	
6	200.60	200.70	199.91	200.23	200.64	200.37	200.87	200.85	200.12	199.73	200.35	200.33	
7	200.60	200.91	199.92	200.18	200.64	200.32	200.82	200.88	200.10	199.74	200.39	200.32	
8	200.60	201.03	199.95	200.10	200.63	200.24	200.75	200.88	200.07	199.73	200.38	200.21	
9	200.59	201.37	199.92	200.08	200.61	200.20	200.68	200.87	200.05	199.72	200.41	200.21	
10	200.61	201.26	199.91	200.05	200.55	200.16	200.66	200.88	200.02	199.71	200.43	200.16	
11	200.62	201.09	199.92	200.00	200.51	200.20	200.76	200.88	200.03	199.70	200.42	200.19	
12	200.62	201.06	200.02	199.97	200.45	200.29	200.77	200.88	200.08	199.69	200.41	200.20	
13	200.60	201.04	200.26	199.94	200.43	200.55	200.77	200.87	200.08	199.69	200.43	200.19	
14	200.57	200.97	200.30	199.93	200.40	200.69	200.83	200.85	200.04	199.69	200.45	200.22	
15	200.55	201.01	200.28	199.91	200.47	200.78	200.84	200.86	200.03	199.68	200.46	200.20	
16	200.55	200.95	200.31	199.90	200.63	200.85	200.75	200.86	200.04	199.68	200.47	200.17	
17	200.55	200.87	200.33	199.90	200.87	200.87	200.65	200.80	200.07	199.67	200.48	200.14	
18	200.52	200.75	200.37	199.89	200.98	200.94	200.61	200.73	200.08	199.66	200.46	200.14	
19	200.57	200.64	200.40	199.88	200.98	201.02	200.56	200.66	200.08	199.65	200.44	200.10	
20	200.54	200.56	200.38	199.86	200.99	201.04	200.47	200.61	200.07	199.64	200.47	200.08	
21	200.49	200.46	200.22	199.84	201.01	201.01	200.27	200.58	200.07	199.62	200.36	200.07	
22	200.49	200.34	200.05	199.84	200.95	200.87	199.98	200.56	200.04	199.59	200.13	200.08	
23	200.45	200.39	200.00	200.31	200.89	200.68	199.86	200.53	200.00	199.57	200.02	200.29	
24	200.40	200.38	200.05	200.52	200.84	200.50	199.75	200.52	200.01	199.57	199.99	200.41	
25	200.38	200.33	200.07	200.62	200.81	200.27	199.67	200.50	200.03	199.57	199.95	200.41	
26	200.36	200.26	200.11	200.63	200.85	200.04	199.61	200.46	199.94	199.56	199.94	200.38	
27	200.34	200.30	200.22	200.67	200.84	199.91	199.58	200.41	199.94	199.56	199.92	200.37	
28	200.34	200.43	200.29	200.66	200.88	200.21	199.58	200.36	199.89	199.55	199.92	200.40	
29	200.38	200.46	200.32	200.65	200.89	200.85	199.58	200.29	199.85	199.51	199.90	200.39	
30	200.41	200.46	200.39	200.65	200.82	200.97	199.58	200.25	199.82	199.46		200.39	
31		200.37		200.62	200.67		199.69		199.79	199.45		200.45	
Mean	200.51	200.68	200.14	200.21	200.73	200.54	200.40	200.66	200.04	199.65	200.17	200.22	
Max	200.62	201.37	200.40	200.67	201.01	201.04	200.97	200.88	200.22	199.76	200.48	200.45	201.37
Min	200.34	200.26	199.91	199.84	200.40	199.91	199.58	200.10	199.79	199.45	199.46	199.92	199.45
Annual Max Momentary Gage Height	201.40												
Zero Gage at Bottom Elevation	198.70												
Left Bank Elevation	201.75												
Right Bank Elevation	201.81												
Annual Max Momentary Gage Height													
Zero Gage at Bottom Elevation													
Left Bank Elevation													
Right Bank Elevation													

Annual Max Momentary Gage Height 201.40 m. (MSL.) , at 11.00 Hours , on May 9, 2007

Zero Gage at Bottom Elevation 198.70 m. (MSL.) , River Bed 198.16 m. (MSL.) ,

Left Bank Elevation 201.75 m. (MSL.) ,

Right Bank Elevation 201.81 m. (MSL.) , Drainage Area 864 Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.16	2.16	0.15	0.99	5.77	3.16	13.36	0.00	0.10	0.00	0.00	0.00	
2	2.40	2.59	0.00	0.85	6.40	2.40	11.96	3.35	0.10	0.00	0.00	0.00	
3	3.35	2.97	0.00	0.78	5.77	2.16	10.62	5.77	0.00	0.00	0.00	0.00	
4	3.73	2.97	0.00	0.57	5.56	1.68	10.10	7.84	0.00	0.00	0.00	0.00	
5	4.11	4.51	0.00	0.40	5.14	1.20	11.14	8.80	0.00	0.00	1.32	0.25	
6	4.30	6.40	0.00	0.15	5.14	0.99	10.62	10.10	0.00	0.00	0.85	0.71	
7	4.30	11.68	0.00	0.00	5.14	0.64	9.32	10.88	0.00	0.00	1.13	0.64	
8	4.30	15.16	0.00	0.00	4.93	0.20	7.60	10.88	0.00	0.00	1.06	0.05	
9	4.11	27.34	0.00	0.00	4.51	0.00	5.98	10.62	0.00	0.00	1.32	0.05	
10	4.51	22.96	0.00	0.00	3.35	0.00	5.56	10.88	0.00	0.00	1.56	0.00	
11	4.72	17.08	0.00	0.00	2.59	0.00	7.84	10.88	0.00	0.00	1.44	0.00	
12	4.72	16.12	0.00	0.00	1.80	0.45	8.08	10.88	0.00	0.00	1.32	0.00	
13	4.30	15.48	0.30	0.00	1.56	3.35	8.08	10.62	0.00	0.00	1.56	0.00	
14	3.73	13.36	0.50	0.00	1.20	6.19	9.58	10.10	0.00	0.00	1.80	0.10	
15	3.35	14.52	0.40	0.00	2.04	8.32	9.84	10.36	0.00	0.00	1.92	0.00	
16	3.35	12.80	0.57	0.00	4.93	10.10	7.60	10.36	0.00	0.00	2.04	0.00	
17	3.35	10.62	0.71	0.00	10.62	10.62	5.35	8.80	0.00	0.00	2.16	0.00	
18	2.78	7.60	0.99	0.00	13.64	12.52	4.51	7.12	0.00	0.00	1.92	0.00	
19	3.73	5.14	1.20	0.00	13.64	14.84	3.54	5.56	0.00	0.00	1.68	0.00	
20	3.16	3.54	1.06	0.00	13.92	15.48	2.04	4.51	0.00	0.00	2.04	0.00	
21	2.28	1.92	0.10	0.00	14.52	14.52	0.35	3.92	0.00	0.00	0.92	0.00	
22	2.28	0.78	0.00	0.00	12.80	10.62	0.00	3.54	0.00	0.00	0.00	0.00	
23	1.80	1.13	0.00	0.57	11.14	5.98	0.00	2.97	0.00	0.00	0.00	0.45	
24	1.20	1.06	0.00	2.78	9.84	2.40	0.00	2.78	0.00	0.00	0.00	1.32	
25	1.06	0.71	0.00	4.72	9.06	0.35	0.00	2.40	0.00	0.00	0.00	1.32	
26	0.92	0.30	0.00	4.93	10.10	0.00	0.00	1.92	0.00	0.00	0.00	1.06	
27	0.78	0.50	0.10	5.77	9.84	0.00	0.00	1.32	0.00	0.00	0.00	0.99	
28	0.78	1.56	0.45	5.56	10.88	0.05	0.00	0.92	0.00	0.00	0.00	1.20	
29	1.06	1.92	0.64	5.35	11.14	10.10	0.00	0.45	0.00	0.00	0.00	1.13	
30	1.32	1.92	1.13	5.35	9.32	13.36	0.00	0.25	0.00	0.00	0.00	1.13	
31		0.99		4.72	5.77		0.00		0.00	0.00		1.80	
Total	87.94	227.79	8.30	43.49	232.06	151.68	163.07	188.78	0.20	0.00	26.04	12.20	1141.55 CMSDAY
Mean	2.93	7.35	0.28	1.40	7.49	5.06	5.26	6.29	0.01	0.00	0.90	0.39	3.12 CMS
Max	4.72	27.34	1.20	5.77	14.52	15.48	13.36	10.88	0.10	0.00	2.16	1.80	27.34 CMS
Min	0.78	0.30	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	7.60	19.68	0.72	3.76	20.05	13.11	14.09	16.31	0.02	0.00	2.25	1.05	98.63 MCM
Momentary Peak	28.60	CMS.	at 201.40 m. (MSL.)	at 11.00 Hours ,	on May 9, 2007								
Runoff Yield	3.62	Liters/Second/Square KM.		Momentary Peak Yield	33.10	Liters/Second/Square KM.							

WATER YEAR : 2007

MUN RIVER BASIN

Huai Khayung at Ban Wang Chom Pu, Si Sa Ket (M.66)

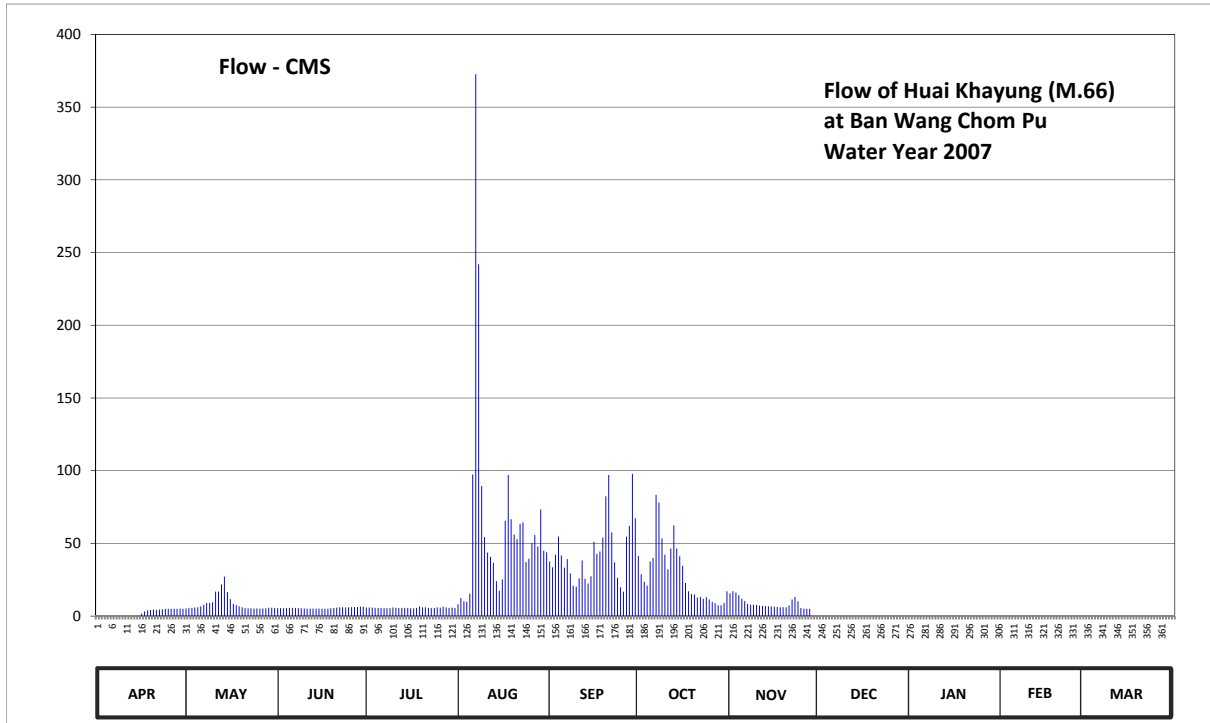
Lat 14 - 38 - 27 N Long 104 - 39 - 50 E

Location : on right bank about 50 meters upstream from the bridge of Kantharalak - Det Udom Road.

	Ban Wang Chom Pu	Amphoe	Kantharalak	Changwat	Si Sa Ket
Drainage Area	562 sq.km.				
Type of Gage	Water - stage recorder.				
Zero Gage at Bottom	+143.880 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	At the automatic gage building.			Elevation	+150.430 m. (MSL.)
Gage Reading Frequency	Recording				
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings				
Period of Available Gage Records	1965 to date.				
Rating Operation					
Period of Rating	1965 - 1968, 1972 - 1981, 1987 to date.				
Rated by Flot	-				
Rated by Current Meter	1965 - 1968, 1972 - 1981, 1987 to date.				
Stability of Channel Regimes	Stable with variable water surface slope.				
Overbank Flow Conditions	Overbank flow starts at elevation +149.970 m.(MSL.), records are channel flow only.				
General Description	Records poor. Stage-discharge relation defined by 34 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	143.27	143.63	143.65	143.69	143.84	145.21	145.35	144.28	143.67	143.52	143.54	143.55	
2	143.27	143.65	143.65	143.69	144.12	145.07	144.90	144.36	143.66	143.51	143.54	143.53	
3	143.26	143.67	143.65	143.68	143.98	145.38	144.68	144.31	143.63	143.50	143.54	143.52	
4	143.26	143.69	143.65	143.67	143.96	145.82	144.55	144.22	143.62	143.49	143.54	143.50	
5	143.26	143.71	143.66	143.66	144.27	145.36	145.21	144.10	143.60	143.48	143.55	143.49	
6	143.25	143.75	143.67	143.66	147.01	145.06	145.30	143.99	143.58	143.47	143.55	143.48	
7	143.25	143.82	143.66	143.65	150.44	145.27	146.64	143.86	143.58	143.45	143.55	143.47	
8	143.25	143.90	143.65	143.65	149.11	144.92	146.49	143.83	143.58	143.38	143.55	143.46	
9	143.25	143.90	143.64	143.65	146.81	144.55	145.78	143.82	143.58	143.22	143.56	143.45	
10	143.25	143.93	143.63	143.69	145.81	144.51	145.38	143.81	143.58	143.03	143.56	143.44	
11	143.24	144.34	143.62	143.67	145.43	144.80	145.02	143.78	143.58	142.95	143.56	143.43	
12	143.24	144.34	143.62	143.66	145.33	145.24	145.53	143.77	143.58	142.87	143.56	143.42	
13	143.23	144.59	143.62	143.66	145.18	144.78	146.04	143.76	143.58	142.83	143.57	143.41	
14	143.21	144.84	143.62	143.67	144.70	144.62	145.53	143.75	143.58	142.84	143.57	143.41	
15	143.21	144.33	143.62	143.66	144.37	144.85	145.34	143.74	143.58	142.86	143.57	143.40	
16	143.28	144.08	143.61	143.64	144.76	145.70	145.11	143.73	143.58	142.88	143.57	143.40	
17	143.42	143.86	143.61	143.64	146.13	145.40	144.64	143.72	143.58	142.88	143.57	143.39	
18	143.49	143.80	143.62	143.66	147.00	145.46	144.35	143.70	143.58	142.88	143.57	143.39	
19	143.52	143.75	143.64	143.74	146.16	145.80	144.26	143.71	143.58	142.91	143.57	143.38	
20	143.55	143.70	143.66	143.70	145.86	146.61	144.24	143.70	143.58	142.96	143.57	143.38	
21	143.53	143.65	143.68	143.70	145.76	147.00	144.14	143.78	143.57	142.98	143.57	143.38	
22	143.55	143.64	143.70	143.66	146.07	145.90	144.16	144.06	143.57	143.00	143.56	143.43	
23	143.57	143.64	143.70	143.65	146.10	145.19	144.09	144.16	143.57	143.02	143.56	143.47	
24	143.59	143.63	143.70	143.66	145.20	144.81	144.15	143.98	143.57	143.04	143.56	143.46	
25	143.60	143.63	143.70	143.69	145.28	144.49	144.06	143.66	143.57	143.06	143.56	143.46	
26	143.60	143.62	143.71	143.68	145.67	144.34	143.95	143.62	143.56	143.12	143.56	143.45	
27	143.61	143.63	143.71	143.73	145.85	145.82	143.89	143.61	143.54	143.23	143.56	143.45	
28	143.61	143.64	143.72	143.70	145.58	146.03	143.80	143.60	143.54	143.27	143.56	143.46	
29	143.62	143.67	143.73	143.67	146.35	147.02	143.80	143.68	143.54	143.34	143.56	143.47	
30	143.61	143.68	143.73	143.68	145.48	146.18	143.90	143.68	143.54	143.44	143.54	143.47	
31		143.66		143.66	145.44		144.35		143.54	143.53		143.48	
Mean	143.40	143.85	143.66	143.67	145.71	145.37	144.79	143.86	143.58	143.16	143.56	143.45	
Max	143.62	144.84	143.73	143.74	150.44	147.02	146.64	144.36	143.67	143.53	143.57	143.55	150.44
Min	143.21	143.62	143.61	143.64	143.84	144.34	143.80	143.60	143.54	142.83	143.54	143.38	142.83
Annual Max Momentary Gage Height	150.55		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	143.88		m. (MSL.) ,			River Bed	141.85	m. (MSL.) ,					
Left Bank Elevation	149.96		m. (MSL.) ,										
Right Bank Elevation	150.36		m. (MSL.) ,			Drainage Are	562	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	5.30	5.50	5.90	8.10	37.48	41.40	15.60	0.01	0.01	0.01	0.01	
2	0.01	5.50	5.50	5.90	12.40	33.56	28.80	17.20	0.01	0.01	0.01	0.01	
3	0.01	5.70	5.50	5.80	10.20	42.24	23.60	16.20	0.01	0.01	0.01	0.01	
4	0.01	5.90	5.50	5.70	9.90	54.70	21.00	14.40	0.01	0.01	0.01	0.01	
5	0.01	6.15	5.60	5.60	15.40	41.68	37.48	12.00	0.01	0.01	0.01	0.01	
6	0.01	6.75	5.70	5.60	97.40	33.28	40.00	10.35	0.01	0.01	0.01	0.01	
7	0.01	7.80	5.60	5.50	372.70	39.16	83.40	8.40	0.01	0.01	0.01	0.01	
8	0.01	9.00	5.50	5.50	241.90	29.36	78.15	7.95	0.01	0.01	0.01	0.01	
9	0.01	9.00	5.40	5.50	89.40	21.00	53.44	7.80	0.01	0.01	0.01	0.01	
10	0.01	9.45	5.30	5.90	54.35	20.20	42.24	7.65	0.01	0.01	0.01	0.01	
11	0.01	16.80	5.20	5.70	43.64	26.00	32.16	7.20	0.01	0.01	0.01	0.01	
12	0.01	16.80	5.20	5.60	40.84	38.32	46.44	7.05	0.01	0.01	0.01	0.01	
13	0.01	21.80	5.20	5.60	36.64	25.60	62.40	6.90	0.01	0.01	0.01	0.01	
14	0.01	27.12	5.20	5.70	24.00	22.40	46.44	6.75	0.01	0.01	0.01	0.01	
15	0.01	16.60	5.20	5.60	17.40	27.40	41.12	6.60	0.01	0.01	0.01	0.01	
16	1.80	11.70	5.10	5.40	25.20	51.20	34.68	6.45	0.01	0.01	0.01	0.01	
17	3.20	8.40	5.10	5.40	65.55	42.80	22.80	6.30	0.01	0.01	0.01	0.01	
18	3.90	7.50	5.20	5.60	97.00	44.48	17.00	6.00	0.01	0.01	0.01	0.01	
19	4.20	6.75	5.40	6.60	66.60	54.00	15.20	6.15	0.01	0.01	0.01	0.01	
20	4.50	6.00	5.60	6.00	56.10	82.35	14.80	6.00	0.01	0.01	0.01	0.01	
21	4.30	5.50	5.80	6.00	52.88	97.00	12.80	7.20	0.01	0.01	0.01	0.01	
22	4.50	5.40	6.00	5.60	63.45	57.50	13.20	11.40	0.01	0.01	0.01	0.01	
23	4.70	5.40	6.00	5.50	64.50	36.92	11.85	13.20	0.01	0.01	0.01	0.01	
24	4.90	5.30	6.00	5.60	37.20	26.28	13.00	10.20	0.01	0.01	0.01	0.01	
25	5.00	5.30	6.00	5.90	39.44	19.80	11.40	5.60	0.01	0.01	0.01	0.01	
26	5.00	5.20	6.15	5.80	50.36	16.80	9.75	5.20	0.01	0.01	0.01	0.01	
27	5.10	5.30	6.15	6.45	55.75	54.70	8.85	5.10	0.01	0.01	0.01	0.01	
28	5.10	5.40	6.30	6.00	47.84	62.05	7.50	5.00	0.01	0.01	0.01	0.01	
29	5.20	5.70	6.45	5.70	73.25	97.80	7.50	0.01	0.01	0.01	0.01	0.01	
30	5.10	5.80	6.45	5.80	45.04	67.30	9.00	0.01	0.01	0.01	0.01	0.01	
31		5.60		5.60	43.92		17.00		0.01	0.01		0.01	
Total	66.65	269.92	168.80	178.05	1958.35	1303.36	904.40	245.87	0.31	0.31	0.29	0.31	5096.62 CMSDAY
Mean	2.22	8.71	5.63	5.74	63.17	43.45	29.17	8.20	0.01	0.01	0.01	0.01	13.93 CMSDAY
Max	5.20	27.12	6.45	6.60	372.70	97.80	83.40	17.20	0.01	0.01	0.01	0.01	372.70 CMSDAY
Min	0.01	5.20	5.10	5.40	8.10	16.80	7.50	0.01	0.01	0.01	0.01	0.01	0.01 CMSDAY
Runoff	5.76	23.32	14.58	15.38	169.20	112.61	78.14	21.24	0.03	0.03	0.03	0.03	440.35 MCM
Momentary Peak		384.25	CMS. at 150.55 m. (MSL.) at 15.00 Hours , on Aug 7, 2007										
Runoff Yield		24.85	Liters/Second/Square KM.			683.72	Liters/Second/Square KM.						

WATER YEAR : 2007**MUN RIVER BASIN****Lam Se Bok at Ban Tha Bo Baeng, Ubon Ratchathani (M.69)**

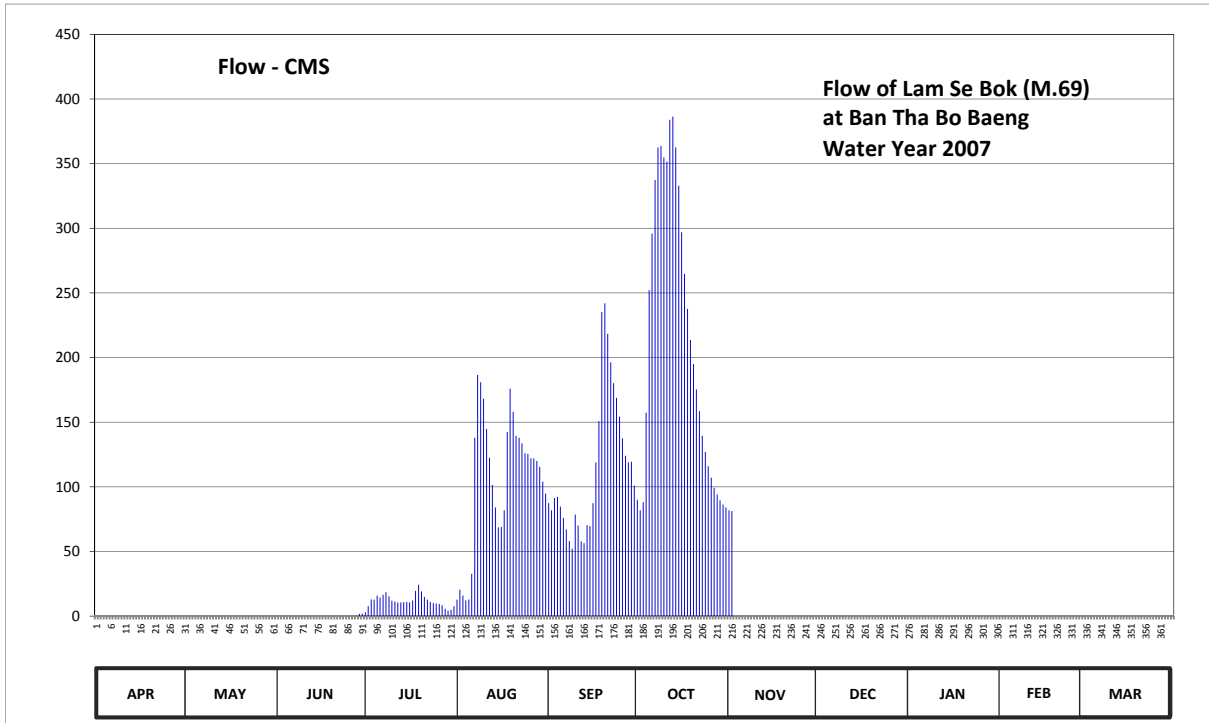
Lat 15 - 30 - 11 N Long 104 - 58 - 01 E

Location : on left bank about 100 meters upstream from the bridge of Ubon - Trakan Phutphon Highway.

	Ban Tha Bo Bang	Amphoe	Trakan Phutphon	Changwat	Ubon Ratchathani
Drainage Area	2,129 sq.km.				
Type of Gage	Water - stage recorder.				
Zero Gage at Bottom	+106.400 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On left bank near the gage site.			Elevation	+116.030 m. (MSL.)
Gage Reading Frequency	Recording				
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings				
Period of Available Gage Records	1969 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 with variable water surface slope.				
Overbank Flow Conditions	Overbank flow starts at elevation +113.730 m.(MSL.) and is including overbank flow.				
General Description	Records good. Stage-discharge relation defined by 18 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.65	109.69	110.14	107.70	108.45	111.16	111.23	111.01	111.15	111.31	111.21	110.99	
2	109.65	109.70	109.94	108.11	108.87	111.01	111.01	110.99	111.20	111.31	111.20	110.98	
3	109.64	109.71	109.65	108.46	108.65	111.27	111.18	111.00	111.25	111.31	111.20	110.98	
4	109.63	109.72	109.49	108.45	108.41	111.29	112.59	111.02	111.29	111.31	111.19	110.96	
5	109.62	109.72	109.48	108.64	108.46	111.09	113.89	110.98	111.33	111.32	111.18	110.96	
6	109.61	109.75	109.62	108.56	109.46	110.85	114.35	110.99	111.36	111.33	111.18	110.94	
7	109.60	109.79	109.71	108.67	112.26	110.61	114.73	111.04	111.41	111.33	111.17	110.93	
8	109.60	109.83	109.75	108.77	113.05	110.35	114.96	111.12	111.43	111.34	111.16	110.92	
9	109.58	109.85	109.73	108.62	112.97	110.17	114.97	111.15	111.45	111.33	111.15	110.92	
10	109.57	109.86	109.70	108.39	112.77	110.92	114.89	111.14	111.42	111.33	111.15	110.91	
11	109.57	109.89	109.66	108.35	112.38	110.69	114.86	111.20	111.37	111.32	111.15	110.90	
12	109.57	109.93	109.63	108.30	111.95	110.34	115.15	110.94	111.24	111.32	111.14	110.89	
13	109.55	110.09	109.60	108.31	111.53	110.30	115.17	110.93	111.15	111.32	111.13	110.87	
14	109.56	110.20	109.59	108.32	111.07	110.70	114.96	111.12	111.08	111.32	111.11	110.86	
15	109.63	110.29	109.59	108.33	110.65	110.68	114.69	111.05	111.10	111.31	111.11	110.86	
16	109.73	110.37	109.59	108.31	110.66	111.16	114.36	111.01	111.12	111.31	111.10	110.85	
17	109.75	110.41	109.61	108.41	111.01	111.88	114.03	111.02	111.15	111.31	111.09	110.85	
18	109.76	110.43	109.70	108.83	112.34	112.48	113.72	111.04	111.18	111.29	111.08	110.83	
19	109.76	110.43	109.83	109.06	112.90	113.69	113.42	111.03	111.20	111.29	111.07	110.83	
20	109.76	110.41	109.76	108.80	112.60	113.77	113.17	111.01	111.23	111.29	111.06	110.81	
21	109.75	110.38	109.56	108.59	112.29	113.48	112.89	110.99	111.24	111.29	111.05	110.81	
22	109.75	110.33	109.37	108.45	112.26	113.19	112.61	111.03	111.25	111.29	111.04	110.82	
23	109.74	110.29	109.14	108.33	112.17	112.96	112.29	111.06	111.27	111.27	111.03	110.81	
24	109.74	110.26	108.82	108.27	112.02	112.78	112.04	111.00	111.29	111.25	111.03	110.81	
25	109.72	110.23	108.31	108.24	112.01	112.54	111.82	110.97	111.29	111.25	111.03	110.81	
26	109.71	110.20	107.74	108.23	111.94	112.25	111.64	110.96	111.31	111.25	111.02	110.79	
27	109.70	110.21	107.58	108.16	111.94	111.98	111.48	110.95	111.31	111.24	111.02	110.78	
28	109.69	110.35	107.56	107.97	111.90	111.88	111.34	110.96	111.31	111.24	111.00	110.78	
29	109.68	110.38	107.54	107.82	111.81	111.89	111.22	111.02	111.31	111.24	111.00	110.75	
30	109.70	110.30	107.57	107.88	111.58	111.52	111.13	111.09	111.31	111.23	111.00	110.75	
31		110.26		108.11	111.36		111.07		111.31	111.23		110.75	
Mean	109.67	110.11	109.23	108.37	111.35	111.63	113.12	111.03	111.27	111.29	111.11	110.86	
Max	109.76	110.43	110.14	109.06	113.05	113.77	115.17	111.20	111.45	111.34	111.21	110.99	115.17
Min	109.55	109.69	107.54	107.70	108.41	110.17	111.01	110.93	111.08	111.23	111.00	110.75	107.54
Annual Max Momentary Gage Height	115.20		m. (MSL.) ,				at 16.00 Hours ,						on Oct 12, 2007
Zero Gage at Bottom Elevation	106.40		m. (MSL.) ,			River Bed	106.38		m. (MSL.) ,				
Left Bank Elevation		113.72		m. (MSL.) ,									
Right Bank Elevation		114.24		m. (MSL.) ,		Drainage Are	2,129		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	3.00	12.75	87.42	90.01	81.87	0.01	0.01	0.01	0.01	
2	0.00	0.00	0.00	7.65	20.40	81.87	81.87	81.13	0.01	0.01	0.01	0.01	
3	0.00	0.00	0.00	12.90	16.00	91.49	88.16	0.01	0.01	0.01	0.01	0.01	
4	0.00	0.00	0.00	12.75	12.15	92.23	157.40	0.01	0.01	0.01	0.01	0.01	
5	0.00	0.00	0.00	15.80	12.90	84.83	252.15	0.01	0.01	0.01	0.01	0.01	
6	0.00	0.00	0.00	14.40	32.71	75.95	296.00	0.01	0.01	0.01	0.01	0.01	
7	0.00	0.00	0.00	16.40	138.00	67.07	337.30	0.01	0.01	0.01	0.01	0.01	
8	0.00	0.00	0.00	18.40	186.50	58.07	362.60	0.01	0.01	0.01	0.01	0.01	
9	0.00	0.00	0.00	15.40	180.90	52.16	363.70	0.01	0.01	0.01	0.01	0.01	
10	0.00	0.00	0.00	11.85	168.20	78.54	354.90	0.01	0.01	0.01	0.01	0.01	
11	0.00	0.00	0.00	11.25	144.80	70.03	351.60	0.01	0.01	0.01	0.01	0.01	
12	0.00	0.00	0.00	10.50	122.50	57.74	384.00	0.01	0.01	0.01	0.01	0.01	
13	0.00	0.00	0.00	10.65	101.50	56.43	386.40	0.01	0.01	0.01	0.01	0.01	
14	0.00	0.00	0.00	10.80	84.09	70.40	362.60	0.01	0.01	0.01	0.01	0.01	
15	0.00	0.00	0.00	10.95	68.55	69.66	332.90	0.01	0.01	0.01	0.01	0.01	
16	0.00	0.00	0.00	10.65	68.92	87.42	297.00	0.01	0.01	0.01	0.01	0.01	
17	0.00	0.00	0.00	12.15	81.87	119.00	264.70	0.01	0.01	0.01	0.01	0.01	
18	0.00	0.00	0.00	19.60	142.40	150.80	237.70	0.01	0.01	0.01	0.01	0.01	
19	0.00	0.00	0.00	24.20	176.00	235.20	213.60	0.01	0.01	0.01	0.01	0.01	
20	0.00	0.00	0.00	19.00	158.00	241.95	194.90	0.01	0.01	0.01	0.01	0.01	
21	0.00	0.00	0.00	14.85	139.50	218.40	175.40	0.01	0.01	0.01	0.01	0.01	
22	0.00	0.00	0.00	12.75	138.00	196.30	158.60	0.01	0.01	0.01	0.01	0.01	
23	0.00	0.00	0.00	10.95	133.50	180.20	139.50	0.01	0.01	0.01	0.01	0.01	
24	0.00	0.00	0.00	10.05	126.00	168.80	127.00	0.01	0.01	0.01	0.01	0.01	
25	0.00	0.00	0.00	9.60	125.50	154.40	116.00	0.01	0.01	0.01	0.01	0.01	
26	0.00	0.00	0.00	9.45	122.00	137.50	107.00	0.01	0.01	0.01	0.01	0.01	
27	0.00	0.00	0.00	8.40	122.00	124.00	99.26	0.01	0.01	0.01	0.01	0.01	
28	0.00	0.00	0.00	5.70	120.00	119.00	94.08	0.01	0.01	0.01	0.01	0.01	
29	0.00	0.00	1.70	4.20	115.50	119.50	89.64	0.01	0.01	0.01	0.01	0.01	
30	0.00	0.00	1.85	4.80	104.00	101.00	86.31	0.01	0.01	0.01	0.01	0.01	
31	0.00	0.00	0.00	7.65	94.82		84.09		0.01	0.01			
Total	0.00	0.00	3.55	366.70	3269.96	3447.36	6686.37	163.28	0.31	0.31	0.29	0.31	13938.44 CMSDAY
Mean	0.00	0.00	0.12	11.83	105.48	114.91	215.69	5.44	0.01	0.01	0.01	0.01	38.08 CMSDAY
Max	0.00	0.00	1.85	24.20	186.50	241.95	386.40	81.87	0.01	0.01	0.01	0.01	386.40 CMSDAY
Min	0.00	0.00	0.00	3.00	12.15	52.16	81.87	0.01	0.01	0.01	0.01	0.01	0.00 CMSDAY
Runoff	0.00	0.00	0.31	31.68	282.52	297.85	577.70	14.11	0.03	0.03	0.03	0.03	1204.28 MCM
Momentary Peak	390.00	CMS. at 115.20 m. (MSL.) at 16.00 Hours , on Oct 12, 2007											
Runoff Yield	17.94	Liters/Second/Square KM.		Momentary Peak Yield			183.18	Liters/Second/Square KM.					

WATER YEAR : 2007

MUN RIVER BASIN

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

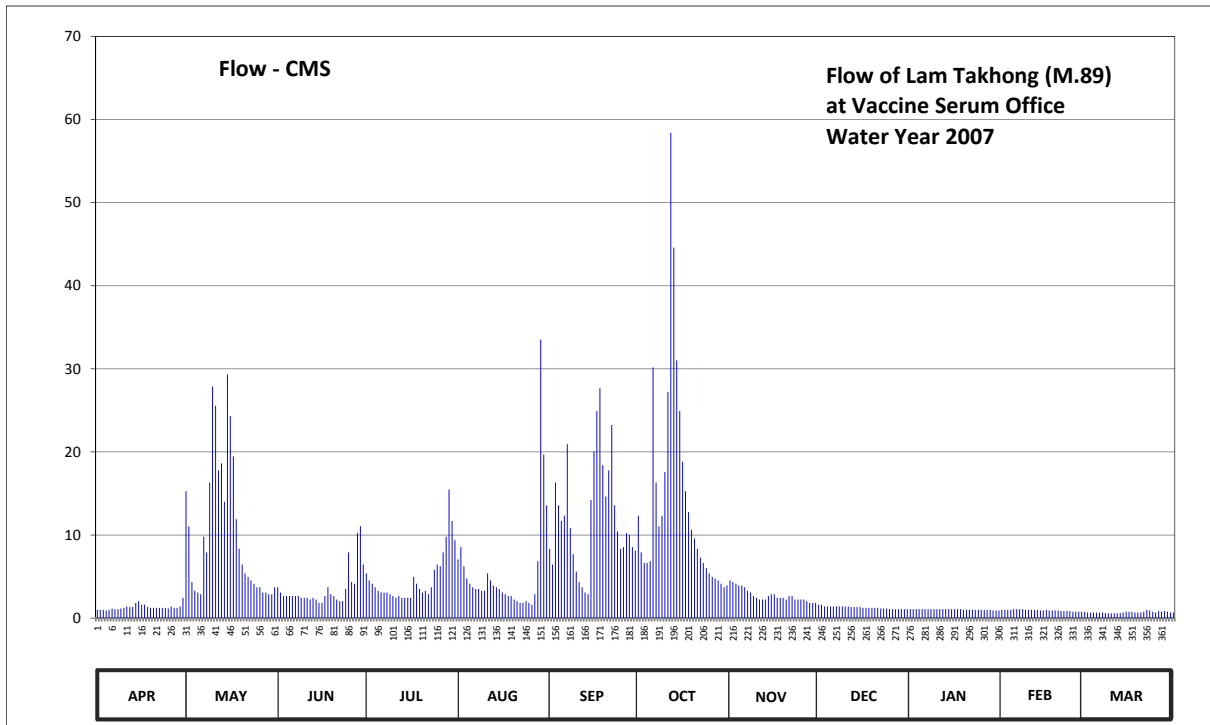
Lat 14 - 41 - 39 N Long 101 - 25 - 00 E

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	+290.920 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+299.980 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	1971 to date					
Rated by Flot	-					
Rated by Current Meter	1971 to date					
Stability of Channel Regimes	Fairly stable with variable water surface slope.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 42 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	292.15	292.86	292.31	292.39	292.47	292.53	292.72	292.35	292.21	292.16	292.15	292.12	
2	292.15	292.66	292.28	292.35	292.54	292.44	292.51	292.34	292.21	292.16	292.15	292.11	
3	292.15	292.34	292.26	292.33	292.43	292.91	292.45	292.33	292.20	292.16	292.15	292.11	
4	292.14	292.29	292.26	292.31	292.36	292.78	292.45	292.32	292.20	292.16	292.15	292.11	
5	292.15	292.28	292.26	292.29	292.33	292.69	292.46	292.32	292.20	292.16	292.16	292.11	
6	292.17	292.27	292.26	292.28	292.31	292.72	293.57	292.31	292.20	292.16	292.16	292.11	
7	292.16	292.60	292.26	292.28	292.30	293.13	292.91	292.29	292.20	292.16	292.16	292.11	
8	292.16	292.51	292.26	292.28	292.30	292.65	292.66	292.28	292.20	292.16	292.16	292.10	
9	292.17	292.91	292.25	292.27	292.29	292.50	292.72	292.26	292.20	292.16	292.15	292.09	
10	292.18	293.46	292.25	292.26	292.29	292.40	292.97	292.25	292.20	292.16	292.15	292.09	
11	292.20	293.35	292.25	292.25	292.39	292.34	293.43	292.24	292.20	292.16	292.15	292.09	
12	292.19	292.98	292.24	292.26	292.35	292.31	294.63	292.24	292.19	292.16	292.15	292.10	
13	292.19	293.02	292.25	292.25	292.32	292.28	294.17	292.24	292.19	292.16	292.15	292.10	
14	292.22	292.80	292.24	292.25	292.31	292.27	293.61	292.26	292.19	292.16	292.14	292.11	
15	292.23	293.53	292.22	292.25	292.30	292.81	293.32	292.27	292.19	292.16	292.14	292.12	
16	292.21	293.29	292.22	292.25	292.28	293.09	293.03	292.27	292.18	292.16	292.15	292.12	
17	292.21	293.06	292.26	292.37	292.27	293.32	292.86	292.25	292.18	292.16	292.14	292.12	
18	292.19	292.70	292.31	292.33	292.26	293.45	292.74	292.25	292.18	292.16	292.14	292.11	
19	292.18	292.53	292.27	292.30	292.26	293.01	292.64	292.25	292.18	292.15	292.14	292.11	
20	292.18	292.44	292.26	292.28	292.24	292.83	292.59	292.24	292.18	292.15	292.14	292.11	
21	292.18	292.39	292.24	292.29	292.23	292.98	292.53	292.26	292.18	292.15	292.13	292.12	
22	292.18	292.37	292.23	292.27	292.22	293.24	292.48	292.26	292.17	292.15	292.13	292.15	
23	292.18	292.35	292.23	292.31	292.22	292.78	292.45	292.24	292.17	292.15	292.13	292.14	
24	292.18	292.33	292.30	292.41	292.23	292.63	292.42	292.24	292.17	292.15	292.13	292.12	
25	292.17	292.31	292.51	292.44	292.22	292.53	292.39	292.24	292.16	292.15	292.12	292.11	
26	292.20	292.31	292.34	292.43	292.21	292.54	292.37	292.24	292.16	292.15	292.12	292.13	
27	292.18	292.28	292.33	292.51	292.27	292.62	292.36	292.23	292.16	292.15	292.12	292.12	
28	292.18	292.28	292.62	292.60	292.46	292.61	292.35	292.22	292.16	292.15	292.12	292.13	
29	292.20	292.27	292.66	292.87	293.73	292.54	292.33	292.22	292.16	292.14	292.12	292.12	
30	292.25	292.27	292.44	292.69	293.07	292.52	292.31	292.22	292.16	292.14	292.14	292.11	
31		292.31		292.58	292.78		292.32		292.16	292.14		292.11	
Mean	292.18	292.62	292.30	292.36	292.39	292.72	292.80	292.26	292.18	292.15	292.14	292.11	
Max	292.25	293.53	292.66	292.87	293.73	293.45	294.63	292.35	292.21	292.16	292.16	292.15	294.63
Min	292.14	292.27	292.22	292.25	292.21	292.27	292.31	292.22	292.16	292.14	292.12	292.09	292.09
Annual Max Momentary Gage Height	294.96		m. (MSL.) ,			at 12.00 Hours ,	on Oct 12, 2007						
Zero Gage at Bottom Elevation	290.92		m. (MSL.) ,			River Bed	291.31	m. (MSL.)					
Left Bank Elevation		298.08		m. (MSL.) ,									
Right Bank Elevation		298.22		m. (MSL.) ,		Drainage Are	713	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.00	15.26	3.71	5.39	7.07	8.33	12.32	4.55	1.61	1.08	1.00	0.76	
2	1.00	11.06	3.08	4.55	8.54	6.44	7.91	4.34	1.61	1.08	1.00	0.68	
3	1.00	4.34	2.66	4.13	6.23	16.31	6.65	4.13	1.40	1.08	1.00	0.68	
4	0.92	3.29	2.66	3.71	4.76	13.58	6.65	3.92	1.40	1.08	1.00	0.68	
5	1.00	3.08	2.66	3.29	4.13	11.69	6.86	3.92	1.40	1.08	1.08	0.68	
6	1.16	2.87	2.66	3.08	3.71	12.32	30.17	3.71	1.40	1.08	1.08	0.68	
7	1.08	9.80	2.66	3.08	3.50	20.93	16.31	3.29	1.40	1.08	1.08	0.68	
8	1.08	7.91	2.66	3.08	3.50	10.85	11.06	3.08	1.40	1.08	1.08	0.60	
9	1.16	16.31	2.45	2.87	3.29	7.70	12.32	2.66	1.40	1.08	1.00	0.57	
10	1.24	27.86	2.45	2.66	3.29	5.60	17.57	2.45	1.40	1.08	1.00	0.57	
11	1.40	25.55	2.45	2.45	5.39	4.34	27.23	2.24	1.40	1.08	1.00	0.57	
12	1.32	17.78	2.24	2.66	4.55	3.71	58.40	2.24	1.32	1.08	1.00	0.60	
13	1.32	18.62	2.45	2.45	3.92	3.08	44.60	2.24	1.32	1.08	1.00	0.60	
14	1.82	14.00	2.24	2.45	3.71	2.87	31.01	2.66	1.32	1.08	0.92	0.68	
15	2.03	29.33	1.82	2.45	3.50	14.21	24.92	2.87	1.32	1.08	0.92	0.76	
16	1.61	24.29	1.82	2.45	3.08	20.09	18.83	2.87	1.24	1.08	1.00	0.76	
17	1.61	19.46	2.66	4.97	2.87	24.92	15.26	2.45	1.24	1.08	0.92	0.76	
18	1.32	11.90	3.71	4.13	2.66	27.65	12.74	2.45	1.24	1.08	0.92	0.68	
19	1.24	8.33	2.87	3.50	2.66	18.41	10.64	2.45	1.24	1.00	0.92	0.68	
20	1.24	6.44	2.66	3.08	2.24	14.63	9.59	2.24	1.24	1.00	0.92	0.68	
21	1.24	5.39	2.24	3.29	2.03	17.78	8.33	2.66	1.24	1.00	0.84	0.76	
22	1.24	4.97	2.03	2.87	1.82	23.24	7.28	2.66	1.16	1.00	0.84	1.00	
23	1.24	4.55	2.03	3.71	1.82	13.58	6.65	2.24	1.16	1.00	0.84	0.92	
24	1.24	4.13	3.50	5.81	2.03	10.43	6.02	2.24	1.16	1.00	0.84	0.76	
25	1.16	3.71	7.91	6.44	1.82	8.33	5.39	2.24	1.08	1.00	0.76	0.68	
26	1.40	3.71	4.34	6.23	1.61	8.54	4.97	2.24	1.08	1.00	0.76	0.84	
27	1.24	3.08	4.13	7.91	2.87	10.22	4.76	2.03	1.08	1.00	0.76	0.76	
28	1.24	3.08	10.22	9.80	6.86	10.01	4.55	1.82	1.08	1.00	0.76	0.84	
29	1.40	2.87	11.06	15.47	33.53	8.54	4.13	1.82	1.08	0.92	0.76	0.76	
30	2.45	2.87	6.44	11.69	19.67	8.12	3.71	1.82	1.08	0.92		0.68	
31		3.71		9.38	13.58		3.92		1.08	0.92		0.68	
Total	39.40	319.55	106.47	149.03	170.24	366.45	440.75	82.53	39.58	32.20	27.00	22.03	1795.23 CMSDAY
Mean	1.31	10.31	3.55	4.81	5.49	12.21	14.22	2.75	1.28	1.04	0.93	0.71	4.90 CMS
Max	2.45	29.33	11.06	15.47	33.53	27.65	58.40	4.55	1.61	1.08	1.08	1.00	58.40 CMS
Min	0.92	2.87	1.82	2.45	1.61	2.87	3.71	1.82	1.08	0.92	0.76	0.57	0.57 CMS
Runoff	3.40	27.61	9.20	12.88	14.71	31.66	38.08	7.13	3.42	2.78	2.33	1.90	155.11 MCM
Momentary Peak	70.40	CMS. at 294.96 m. (MSL.) at 12.00 Hours , on Oct 12, 2007											
Runoff Yield	6.90	Liters/Second/Square KM.		Momentary Peak Yield		98.74	Liters/Second/Square KM.						

WATER YEAR : 2007**MUN RIVER BASIN****Huai Samran at Ban Thai Thaworn, Si Sa Ket (M.91)**

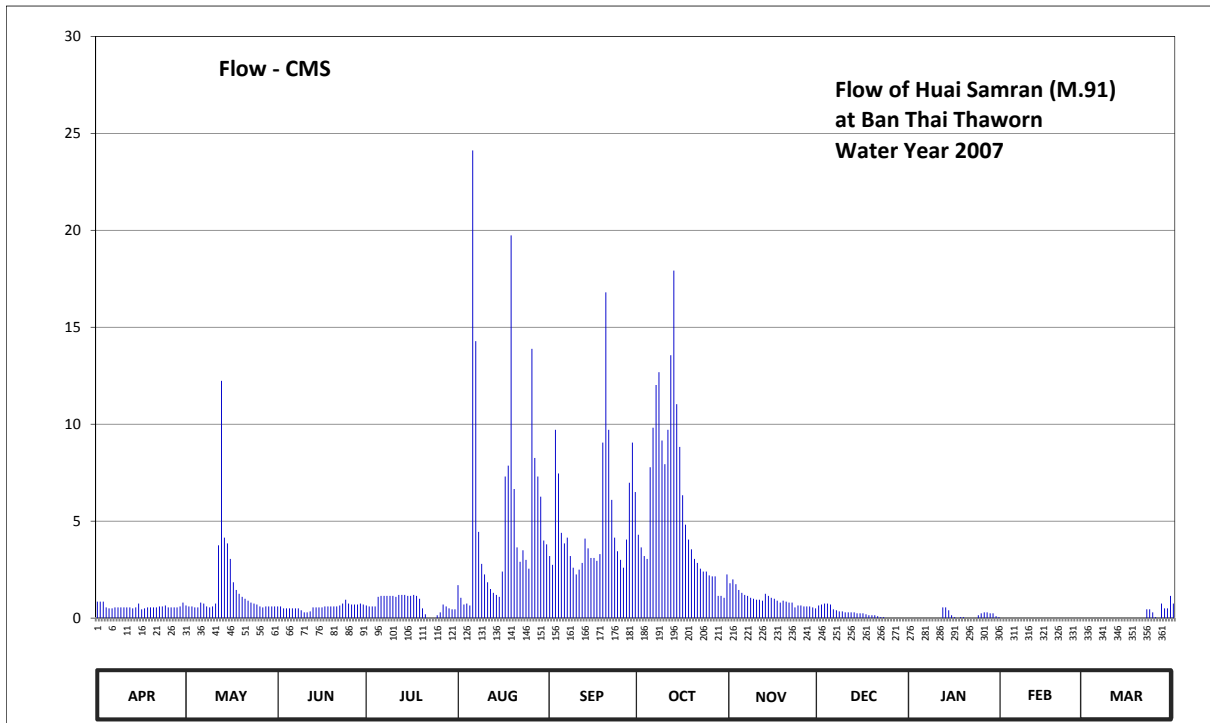
Lat 14 - 29 - 40 N Long 104 - 03 - 34 E

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 60 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	176.57	176.53	176.52	176.53	176.74	177.04	177.26	176.76	176.53	176.38	176.38	176.25	
2	176.57	176.52	176.52	176.52	176.61	176.95	177.13	176.80	176.54	176.37	176.37	176.25	
3	176.57	176.52	176.50	176.52	176.54	177.91	177.04	176.75	176.55	176.37	176.34	176.24	
4	176.51	176.51	176.50	176.52	176.55	177.67	177.01	176.69	176.55	176.37	176.34	176.24	
5	176.50	176.51	176.50	176.62	176.53	177.28	177.71	176.66	176.54	176.37	176.34	176.24	
6	176.50	176.56	176.50	176.63	179.02	177.17	177.92	176.64	176.49	176.37	176.33	176.24	
7	176.51	176.55	176.50	176.63	178.32	177.23	178.12	176.63	176.48	176.37	176.33	176.23	
8	176.51	176.52	176.50	176.63	177.29	177.04	178.18	176.61	176.47	176.37	176.31	176.26	
9	176.51	176.51	176.48	176.63	176.96	176.92	177.86	176.60	176.47	176.37	176.31	176.26	
10	176.51	176.52	176.46	176.63	176.85	176.85	177.73	176.59	176.46	176.37	176.30	176.26	
11	176.51	176.55	176.46	176.62	176.77	176.90	177.91	176.59	176.46	176.38	176.29	176.26	
12	176.51	177.15	176.47	176.64	176.70	176.97	178.26	176.58	176.46	176.51	176.29	176.26	
13	176.50	178.14	176.51	176.64	176.66	177.22	178.58	176.65	176.46	176.51	176.29	176.25	
14	176.51	177.23	176.51	176.64	176.64	177.12	178.03	176.63	176.45	176.48	176.28	176.26	
15	176.55	177.17	176.51	176.63	176.62	177.02	177.83	176.61	176.45	176.43	176.28	176.26	
16	176.49	177.01	176.51	176.63	176.88	177.02	177.53	176.60	176.45	176.41	176.28	176.26	
17	176.50	176.77	176.52	176.64	177.65	176.99	177.34	176.58	176.44	176.40	176.27	176.26	
18	176.51	176.69	176.52	176.63	177.72	177.06	177.21	176.56	176.43	176.41	176.27	176.26	
19	176.51	176.65	176.52	176.60	178.71	177.85	177.11	176.58	176.43	176.41	176.27	176.25	
20	176.51	176.62	176.52	176.50	177.57	178.50	177.01	176.57	176.43	176.39	176.27	176.24	
21	176.51	176.60	176.52	176.44	177.13	177.91	176.97	176.56	176.42	176.38	176.27	176.24	
22	176.52	176.58	176.53	176.39	176.98	177.50	176.91	176.56	176.41	176.38	176.27	176.49	
23	176.52	176.56	176.55	176.38	177.10	177.23	176.88	176.51	176.41	176.39	176.27	176.49	
24	176.53	176.55	176.59	176.40	177.00	177.09	176.88	176.53	176.40	176.43	176.27	176.46	
25	176.51	176.54	176.55	176.43	176.91	177.00	176.84	176.53	176.40	176.45	176.27	176.41	
26	176.51	176.52	176.54	176.46	178.29	176.92	176.83	176.52	176.39	176.46	176.27	176.37	
27	176.51	176.51	176.54	176.54	177.77	177.21	176.83	176.52	176.40	176.46	176.27	176.55	
28	176.51	176.52	176.54	176.52	177.65	177.61	176.63	176.52	176.40	176.45	176.27	176.50	
29	176.52	176.52	176.55	176.50	177.52	177.85	176.63	176.51	176.39	176.45	176.26	176.50	
30	176.56	176.52	176.54	176.49	177.20	177.55	176.61	176.50	176.38	176.42	176.26	176.63	
31		176.52		176.49	177.16		176.85		176.38	176.41		176.55	
Mean	176.52	176.68	176.52	176.55	177.23	177.29	177.34	176.60	176.45	176.41	176.30	176.33	
Max	176.57	178.14	176.59	176.64	179.02	178.50	178.58	176.80	176.55	176.51	176.38	176.63	179.02
Min	176.49	176.51	176.46	176.38	176.53	176.85	176.61	176.50	176.38	176.37	176.26	176.23	176.23
Annual Max Momentary Gage Height	179.46		m. (MSL.) ,				at 20.00 Hours ,						on Aug 6 , 2007
Zero Gage at Bottom Elevation	175.25		m. (MSL.) ,			River Bed	175.65		m. (MSL.)				
Left Bank Elevation		180.13		m. (MSL.) ,									
Right Bank Elevation		183.11		m. (MSL.) ,		Drainage Are	141		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.85	0.65	0.60	0.65	1.70	3.20	4.30	1.80	0.65	0.00	0.00	0.00	
2	0.85	0.60	0.60	0.60	1.05	2.75	3.65	2.00	0.70	0.00	0.00	0.00	
3	0.85	0.60	0.50	0.60	0.70	9.71	3.20	1.75	0.75	0.00	0.00	0.00	
4	0.55	0.55	0.50	0.60	0.75	7.46	3.05	1.45	0.75	0.00	0.00	0.00	
5	0.50	0.55	0.50	1.10	0.65	4.40	7.78	1.30	0.70	0.00	0.00	0.00	
6	0.50	0.80	0.50	1.15	24.12	3.85	9.82	1.20	0.45	0.00	0.00	0.00	
7	0.55	0.75	0.50	1.15	14.28	4.15	12.02	1.15	0.40	0.00	0.00	0.00	
8	0.55	0.60	0.50	1.15	4.45	3.20	12.68	1.05	0.35	0.00	0.00	0.00	
9	0.55	0.55	0.40	1.15	2.80	2.60	9.16	1.00	0.35	0.00	0.00	0.00	
10	0.55	0.60	0.30	1.15	2.25	2.25	7.94	0.95	0.30	0.00	0.00	0.00	
11	0.55	0.75	0.30	1.10	1.85	2.50	9.71	0.95	0.30	0.00	0.00	0.00	
12	0.55	3.75	0.35	1.20	1.50	2.85	13.56	0.90	0.30	0.55	0.00	0.00	
13	0.50	12.24	0.55	1.20	1.30	4.10	17.92	1.25	0.30	0.55	0.00	0.00	
14	0.55	4.15	0.55	1.20	1.20	3.60	11.03	1.15	0.25	0.40	0.00	0.00	
15	0.75	3.85	0.55	1.15	1.10	3.10	8.83	1.05	0.25	0.15	0.00	0.00	
16	0.45	3.05	0.55	1.15	2.40	3.10	6.34	1.00	0.25	0.05	0.00	0.00	
17	0.50	1.85	0.60	1.20	7.30	2.95	4.82	0.90	0.20	0.00	0.00	0.00	
18	0.55	1.45	0.60	1.15	7.86	3.30	4.05	0.80	0.15	0.05	0.00	0.00	
19	0.55	1.25	0.60	1.00	19.74	9.05	3.55	0.90	0.15	0.05	0.00	0.00	
20	0.55	1.10	0.60	0.50	6.66	16.80	3.05	0.85	0.15	0.00	0.00	0.00	
21	0.55	1.00	0.60	0.20	3.65	9.71	2.85	0.80	0.10	0.00	0.00	0.00	
22	0.60	0.90	0.65	0.00	2.90	6.10	2.55	0.80	0.05	0.00	0.00	0.45	
23	0.60	0.80	0.75	0.00	3.50	4.15	2.40	0.55	0.05	0.00	0.00	0.45	
24	0.65	0.75	0.95	0.00	3.00	3.45	2.40	0.65	0.00	0.15	0.00	0.30	
25	0.55	0.70	0.75	0.15	2.55	3.00	2.20	0.65	0.00	0.25	0.00	0.05	
26	0.55	0.60	0.70	0.30	13.89	2.60	2.15	0.60	0.00	0.30	0.00	0.00	
27	0.55	0.55	0.70	0.70	8.26	4.05	2.15	0.60	0.00	0.30	0.00	0.75	
28	0.55	0.60	0.70	0.60	7.30	6.98	1.15	0.60	0.00	0.25	0.00	0.50	
29	0.60	0.60	0.75	0.50	6.26	9.05	1.15	0.55	0.00	0.25	0.00	0.50	
30	0.80	0.60	0.70	0.45	4.00	6.50	1.05	0.50	0.00	0.10	0.00	1.15	
31		0.60		0.45	3.80		2.25		0.00	0.05		0.75	
Total	17.80	47.39	17.40	23.50	162.77	150.51	178.76	29.70	7.90	3.45	0.00	4.90	644.08 CMSDAY
Mean	0.59	1.53	0.58	0.76	5.25	5.02	5.77	0.99	0.25	0.11	0.00	0.16	1.76 CMS
Max	0.85	12.24	0.95	1.20	24.12	16.80	17.92	2.00	0.75	0.55	0.00	1.15	24.12 CMS
Min	0.45	0.55	0.30	0.00	0.65	2.25	1.05	0.50	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	1.54	4.09	1.50	2.03	14.06	13.00	15.44	2.57	0.68	0.30	0.00	0.42	55.65 MCM
Momentary Peak	31.16	CMS.	at 179.46 m. (MSL.)	at 20.00 Hours	on Aug 6, 2007								
Runoff Yield	12.51	Liters/Second/Square KM.			Momentary Peak Yield	220.99	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

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

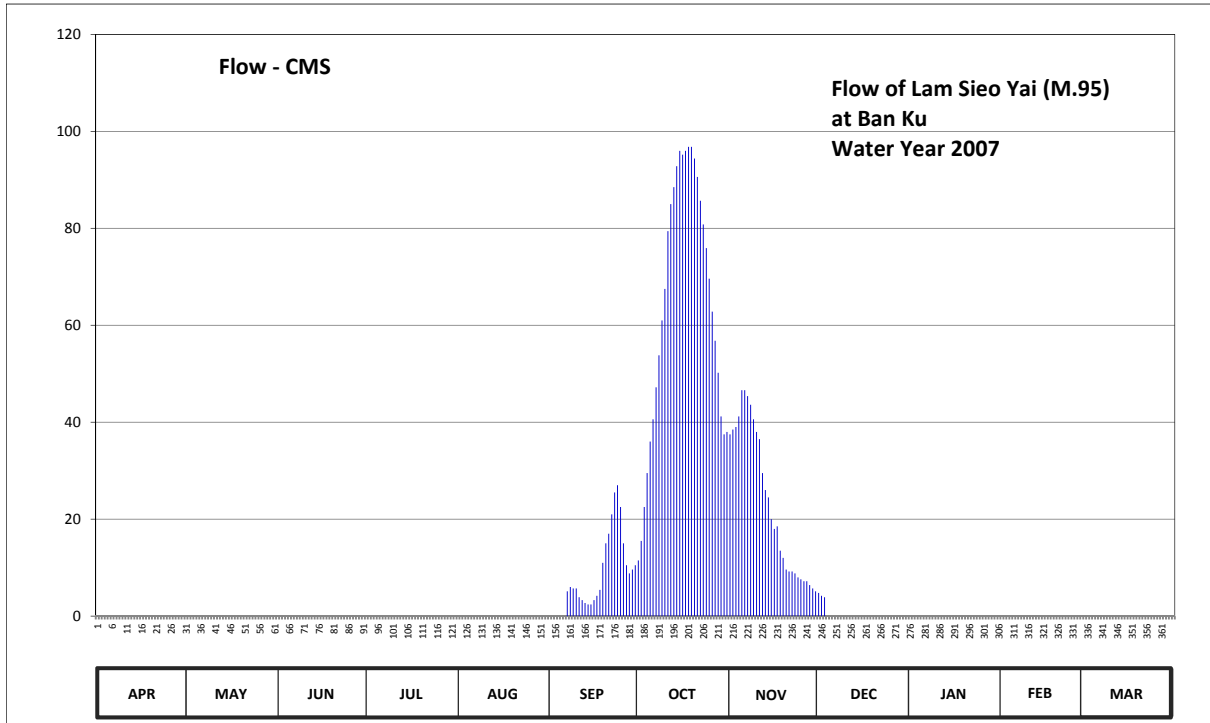
Lat 15 - 34 - 12 N Long 103 - 49 - 27 E

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	Overbank flow starts at elevation +121.310 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 5 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	119.36	119.19	119.28	119.23	119.21	119.53	120.33	120.85	120.16	120.06	119.88	119.60	
2	119.35	119.18	119.26	119.22	119.20	119.53	120.41	120.87	120.14	120.06	119.87	119.59	
3	119.34	119.17	119.26	119.21	119.20	119.54	120.55	120.88	120.13	120.06	119.86	119.59	
4	119.35	119.17	119.25	119.21	119.19	119.55	120.69	120.92	120.14	120.06	119.84	119.58	
5	119.34	119.18	119.27	119.20	119.18	119.64	120.82	121.01	120.14	120.05	119.83	119.56	
6	119.33	119.19	119.26	119.26	119.24	119.97	120.91	121.01	120.13	120.05	119.83	119.55	
7	119.32	119.21	119.25	119.25	119.33	120.17	121.02	120.99	120.12	120.05	119.82	119.54	
8	119.31	119.21	119.24	119.25	119.35	120.20	121.13	120.96	120.11	120.05	119.81	119.53	
9	119.30	119.22	119.23	119.24	119.36	120.19	121.25	120.91	120.10	120.06	119.80	119.52	
10	119.29	119.23	119.22	119.24	119.36	120.19	121.35	120.86	120.11	120.06	119.80	119.51	
11	119.28	119.22	119.22	119.23	119.35	120.13	121.52	120.83	120.12	120.06	119.79	119.50	
12	119.27	119.22	119.21	119.23	119.35	120.11	121.60	120.69	120.12	120.06	119.77	119.49	
13	119.27	119.26	119.21	119.22	119.35	120.09	121.65	120.62	120.13	120.05	119.76	119.48	
14	119.26	119.25	119.20	119.21	119.34	120.08	121.71	120.59	120.13	120.05	119.75	119.47	
15	119.25	119.25	119.20	119.20	119.34	120.08	121.75	120.50	120.12	120.04	119.74	119.46	
16	119.24	119.25	119.20	119.21	119.34	120.11	121.74	120.46	120.11	120.04	119.73	119.46	
17	119.24	119.24	119.19	119.23	119.35	120.14	121.75	120.47	120.11	120.02	119.72	119.45	
18	119.23	119.24	119.20	119.22	119.36	120.18	121.76	120.37	120.10	120.02	119.71	119.44	
19	119.22	119.23	119.25	119.21	119.36	120.32	121.76	120.34	120.10	120.01	119.71	119.43	
20	119.21	119.23	119.25	119.21	119.35	120.40	121.73	120.29	120.10	120.00	119.70	119.43	
21	119.21	119.22	119.26	119.22	119.35	120.44	121.68	120.28	120.09	119.99	119.69	119.46	
22	119.20	119.21	119.25	119.23	119.34	120.52	121.61	120.28	120.09	119.98	119.68	119.46	
23	119.20	119.21	119.24	119.22	119.34	120.61	121.54	120.27	120.09	119.97	119.67	119.45	
24	119.19	119.20	119.24	119.21	119.34	120.64	121.47	120.25	120.09	119.96	119.66	119.45	
25	119.18	119.19	119.23	119.21	119.36	120.55	121.38	120.24	120.09	119.95	119.65	119.44	
26	119.17	119.18	119.23	119.21	119.38	120.40	121.28	120.23	120.08	119.94	119.65	119.44	
27	119.16	119.18	119.24	119.20	119.38	120.31	121.18	120.23	120.08	119.93	119.64	119.43	
28	119.15	119.25	119.24	119.20	119.40	120.27	121.07	120.21	120.07	119.91	119.63	119.42	
29	119.14	119.27	119.23	119.20	119.48	120.29	120.92	120.19	120.07	119.90	119.62	119.41	
30	119.18	119.30	119.23	119.20	119.51	120.31	120.85	120.17	120.07	119.89	119.61	119.41	
31		119.29		119.20	119.51		120.86		120.07	119.89		119.40	
Mean	119.25	119.22	119.23	119.22	119.34	120.15	121.27	120.56	120.11	120.01	119.75	119.48	
Max	119.36	119.30	119.28	119.26	119.51	120.64	121.76	121.01	120.16	120.06	119.88	119.60	121.76
Min	119.14	119.17	119.19	119.20	119.18	119.53	120.33	120.17	120.07	119.89	119.62	119.40	119.14
Annual Max Momentary Gage Height	121.76			m. (MSL.) ,			at 18.00 Hours ,	on Oct 15 , 2007					
Zero Gage at Bottom Elevation	118.10			m. (MSL.) ,		River Bed	116.93	m. (MSL.)					
Left Bank Elevation		121.30		m. (MSL.) ,									
Right Bank Elevation		121.96		m. (MSL.) ,		Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	11.50	37.50	4.80	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	15.50	38.50	4.20	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	22.50	39.00	3.90	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	29.50	41.20	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	36.00	46.60	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	40.60	46.60	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	5.10	47.20	45.40	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	6.00	53.80	43.60	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	5.70	61.00	40.60	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	5.70	67.50	38.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	3.90	79.40	36.50	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	3.30	85.00	29.50	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	2.70	88.50	26.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	2.40	92.80	24.50	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	2.40	96.00	20.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	3.30	95.20	18.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	4.20	96.00	18.50	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	5.40	96.80	13.50	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	11.00	96.80	12.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	15.00	94.40	9.60	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	17.00	90.60	9.20	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	21.00	85.70	9.20	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	25.50	80.80	8.80	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	27.00	75.90	8.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	22.50	69.60	7.60	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	15.00	62.80	7.20	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	10.50	56.80	7.20	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	8.80	50.20	6.40	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	9.60	41.20	5.70	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	10.50	37.50	5.10	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	243.50	1995.10	699.50	12.90	0.00	0.00	0.00	2951.00 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	8.12	64.36	23.32	0.42	0.00	0.00	0.00	8.06 CMS
Max	0.00	0.00	0.00	0.00	0.00	27.00	96.80	46.60	4.80	0.00	0.00	0.00	96.80 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	11.50	5.10	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	21.04	172.38	60.44	1.11	0.00	0.00	0.00	254.97 MCM
Momentary Peak	96.80	CMS. at 121.76 m. (MSL.) at 18.00 Hours , on Oct 15, 2007											
Runoff Yield	*****	Liters/Second/Square KM. Momentary Peak Yield ***** Liters/Second/Square KM.											

WATER YEAR : 2007**MUN RIVER BASIN****Huai Tha at Ban Phayu, Si Sa Ket (M.98)**

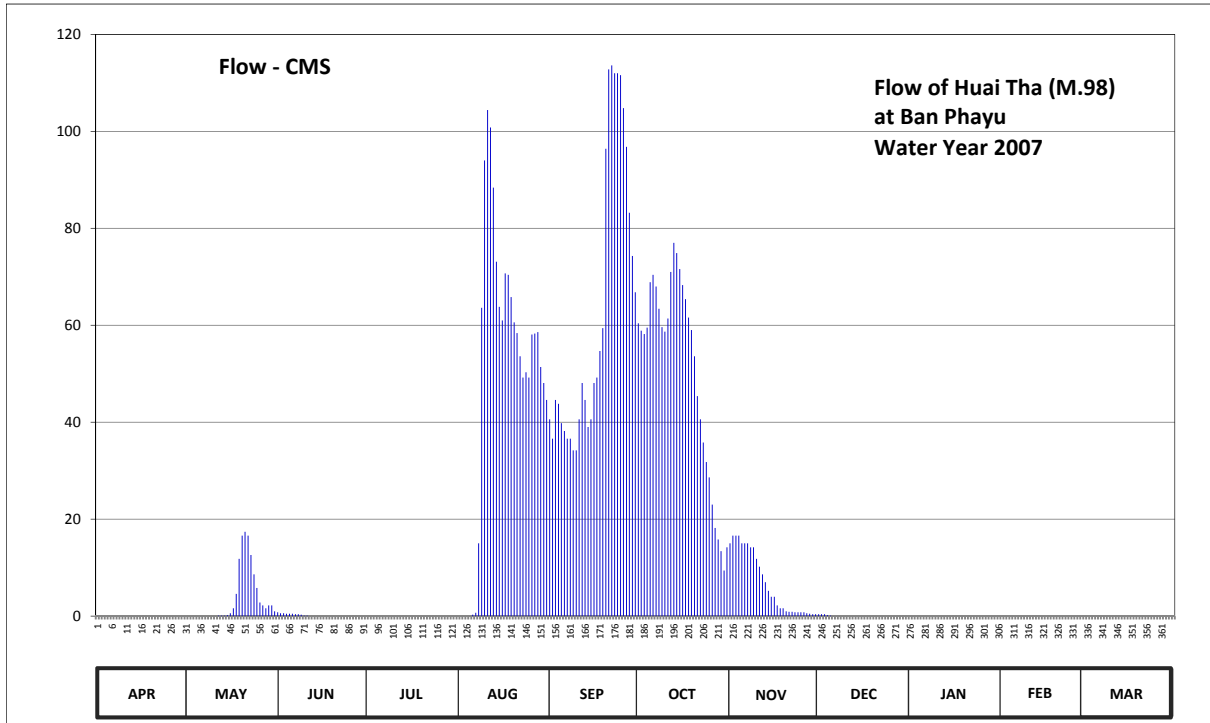
Lat 14 - 52 - 41 N Long 104 - 26 - 17 E

Location : on right bank at the bridge of Si Sa Ket - Kantharak 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	+125.120 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank in front of automatic gage building.	Elevation	+133.700 m. (MSL.)
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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow		
General Description	Records fair. The concrete weir situated downstream from the gage site. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	128.06	128.08	128.18	128.07	128.10	128.72	129.12	128.40	128.14	128.10	128.09	128.08	
2	128.06	128.08	128.16	128.08	128.10	128.67	128.99	128.42	128.14	128.10	128.09	128.08	
3	128.06	128.09	128.16	128.08	128.09	128.77	128.92	128.42	128.14	128.10	128.09	128.08	
4	128.06	128.09	128.15	128.08	128.09	128.76	129.05	128.42	128.12	128.10	128.09	128.08	
5	128.06	128.08	128.15	128.08	128.10	128.71	129.53	128.40	128.11	128.10	128.09	128.08	
6	128.06	128.10	128.15	128.08	128.13	128.69	129.58	128.40	128.10	128.10	128.09	128.08	
7	128.02	128.08	128.14	128.08	128.17	128.67	129.50	128.40	128.10	128.10	128.09	128.08	
8	128.01	128.09	128.14	128.08	128.40	128.67	129.27	128.39	128.10	128.10	128.09	128.08	
9	127.99	128.09	128.13	128.08	129.28	128.64	129.06	128.39	128.10	128.10	128.09	128.08	
10	127.97	128.09	128.11	128.07	130.25	128.64	128.97	128.36	128.10	128.10	128.09	128.08	
11	127.95	128.09	128.11	128.07	130.51	128.72	129.17	128.34	128.10	128.10	128.09	128.07	
12	127.95	128.11	128.10	128.07	130.42	128.81	129.60	128.32	128.10	128.10	128.09	128.07	
13	127.94	128.11	128.10	128.07	130.11	128.77	129.80	128.30	128.10	128.10	128.09	128.07	
14	127.94	128.11	128.10	128.07	129.67	128.70	129.73	128.27	128.10	128.10	128.09	128.07	
15	127.95	128.12	128.09	128.07	129.29	128.72	129.62	128.25	128.10	128.10	128.09	128.07	
16	127.95	128.16	128.09	128.08	129.15	128.81	129.51	128.25	128.10	128.10	128.09	128.06	
17	127.94	128.21	128.09	128.08	129.59	128.82	129.37	128.22	128.10	128.10	128.09	128.06	
18	127.93	128.26	128.09	128.08	129.58	128.87	129.18	128.21	128.10	128.10	128.08	128.06	
19	127.93	128.36	128.09	128.08	129.39	129.04	129.00	128.21	128.10	128.10	128.08	128.06	
20	127.93	128.42	128.09	128.08	129.13	130.31	128.86	128.20	128.10	128.10	128.08	128.06	
21	127.92	128.43	128.09	128.08	128.94	130.72	128.78	128.19	128.10	128.09	128.08	128.06	
22	127.92	128.42	128.08	128.08	128.86	130.74	128.72	128.19	128.10	128.09	128.08	128.06	
23	127.91	128.37	128.08	128.08	128.82	130.70	128.66	128.18	128.10	128.09	128.08	128.06	
24	127.90	128.32	128.08	128.08	128.83	130.70	128.61	128.18	128.10	128.09	128.08	128.06	
25	127.89	128.28	128.08	128.08	128.82	130.69	128.57	128.18	128.10	128.09	128.08	128.06	
26	127.92	128.23	128.08	128.08	128.91	130.52	128.50	128.18	128.10	128.09	128.08	128.06	
27	127.94	128.22	128.08	128.08	128.93	130.32	128.44	128.16	128.10	128.09	128.08	128.06	
28	127.96	128.21	128.08	128.08	128.96	129.98	128.41	128.15	128.10	128.09	128.08	128.07	
29	127.99	128.22	128.08	128.08	128.84	129.71	128.38	128.14	128.10	128.09	128.08	128.07	
30	128.04	128.22	128.08	128.08	128.81	129.44	128.33	128.14	128.10	128.09	128.08	128.08	
31		128.20		128.10	128.77		128.39		128.10	128.09		128.08	
Mean	127.97	128.19	128.11	128.08	129.00	129.33	129.02	128.28	128.10	128.10	128.09	128.07	
Max	128.06	128.43	128.18	128.10	130.51	130.74	129.80	128.42	128.14	128.10	128.09	128.08	130.74
Min	127.89	128.08	128.08	128.07	128.09	128.64	128.33	128.14	128.10	128.09	128.08	128.06	127.89
Annual Max Momentary Gage Height	130.77		m. (MSL.) ,				at 15.00 Hours , on Sep 21 , 2007						
Zero Gage at Bottom Elevation	125.12		m. (MSL.) ,			River Bed	123.36	m. (MSL.) ,					
Left Bank Elevation		130.95		m. (MSL.) ,									
Right Bank Elevation		131.15		m. (MSL.) ,		Drainage Are	1,150	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.80	0.00	0.00	40.60	60.40	15.00	0.40	0.00	0.00	0.00	
2	0.00	0.00	0.60	0.00	0.00	36.60	58.90	16.60	0.40	0.00	0.00	0.00	
3	0.00	0.00	0.60	0.00	0.00	44.60	58.20	16.60	0.40	0.00	0.00	0.00	
4	0.00	0.00	0.50	0.00	0.00	43.80	59.50	16.60	0.20	0.00	0.00	0.00	
5	0.00	0.00	0.50	0.00	0.00	39.80	68.90	15.00	0.10	0.00	0.00	0.00	
6	0.00	0.00	0.50	0.00	0.30	38.20	70.40	15.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.40	0.00	0.70	36.60	68.00	15.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.40	0.00	15.00	36.60	63.40	14.20	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.30	0.00	63.60	34.20	59.60	14.20	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.10	0.00	94.00	34.20	58.70	11.80	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.10	0.00	104.40	40.60	61.40	10.20	0.00	0.00	0.00	0.00	
12	0.00	0.10	0.00	0.00	100.80	48.10	71.00	8.60	0.00	0.00	0.00	0.00	
13	0.00	0.10	0.00	0.00	88.40	44.60	77.00	7.00	0.00	0.00	0.00	0.00	
14	0.00	0.10	0.00	0.00	73.10	39.00	74.90	5.20	0.00	0.00	0.00	0.00	
15	0.00	0.20	0.00	0.00	63.80	40.60	71.60	4.00	0.00	0.00	0.00	0.00	
16	0.00	0.60	0.00	0.00	61.00	48.10	68.30	4.00	0.00	0.00	0.00	0.00	
17	0.00	1.60	0.00	0.00	70.70	49.20	65.40	2.20	0.00	0.00	0.00	0.00	
18	0.00	4.60	0.00	0.00	70.40	54.70	61.60	1.60	0.00	0.00	0.00	0.00	
19	0.00	11.80	0.00	0.00	65.80	59.40	59.00	1.60	0.00	0.00	0.00	0.00	
20	0.00	16.60	0.00	0.00	60.60	96.40	53.60	1.00	0.00	0.00	0.00	0.00	
21	0.00	17.40	0.00	0.00	58.40	112.80	45.40	0.90	0.00	0.00	0.00	0.00	
22	0.00	16.60	0.00	0.00	53.60	113.60	40.60	0.90	0.00	0.00	0.00	0.00	
23	0.00	12.60	0.00	0.00	49.20	112.00	35.80	0.80	0.00	0.00	0.00	0.00	
24	0.00	8.60	0.00	0.00	50.30	112.00	31.80	0.80	0.00	0.00	0.00	0.00	
25	0.00	5.80	0.00	0.00	49.20	111.60	28.60	0.80	0.00	0.00	0.00	0.00	
26	0.00	2.80	0.00	0.00	58.10	104.80	23.00	0.80	0.00	0.00	0.00	0.00	
27	0.00	2.20	0.00	0.00	58.30	96.80	18.20	0.60	0.00	0.00	0.00	0.00	
28	0.00	1.60	0.00	0.00	58.60	83.20	15.80	0.50	0.00	0.00	0.00	0.00	
29	0.00	2.20	0.00	0.00	51.40	74.30	13.40	0.40	0.00	0.00	0.00	0.00	
30	0.00	2.20	0.00	0.00	48.10	66.80	9.40	0.40	0.00	0.00	0.00	0.00	
31	0.00	1.00	0.00	0.00	44.60		14.20		0.00	0.00		0.00	
Total	0.00	108.70	4.80	0.00	1512.40	1893.80	1566.00	202.30	1.50	0.00	0.00	0.00	5289.50 CMSDAY
Mean	0.00	3.51	0.16	0.00	48.79	63.13	50.52	6.74	0.05	0.00	0.00	0.00	14.45 CMS
Max	0.00	17.40	0.80	0.00	104.40	113.60	77.00	16.60	0.40	0.00	0.00	0.00	113.60 CMS
Min	0.00	0.00	0.00	0.00	0.00	34.20	9.40	0.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	9.39	0.41	0.00	130.67	163.62	135.30	17.48	0.13	0.00	0.00	0.00	457.01 MCM
Momentary Peak	114.80	CMS. at 130.77 m. (MSL.) at 15.00 Hours , on Sep 21, 2007											
Runoff Yield	12.60	Liters/Second/Square KM. Momentary Peak Yield 99.83 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Mun River at Ban Wang Prat, Buri Ram (M.104)

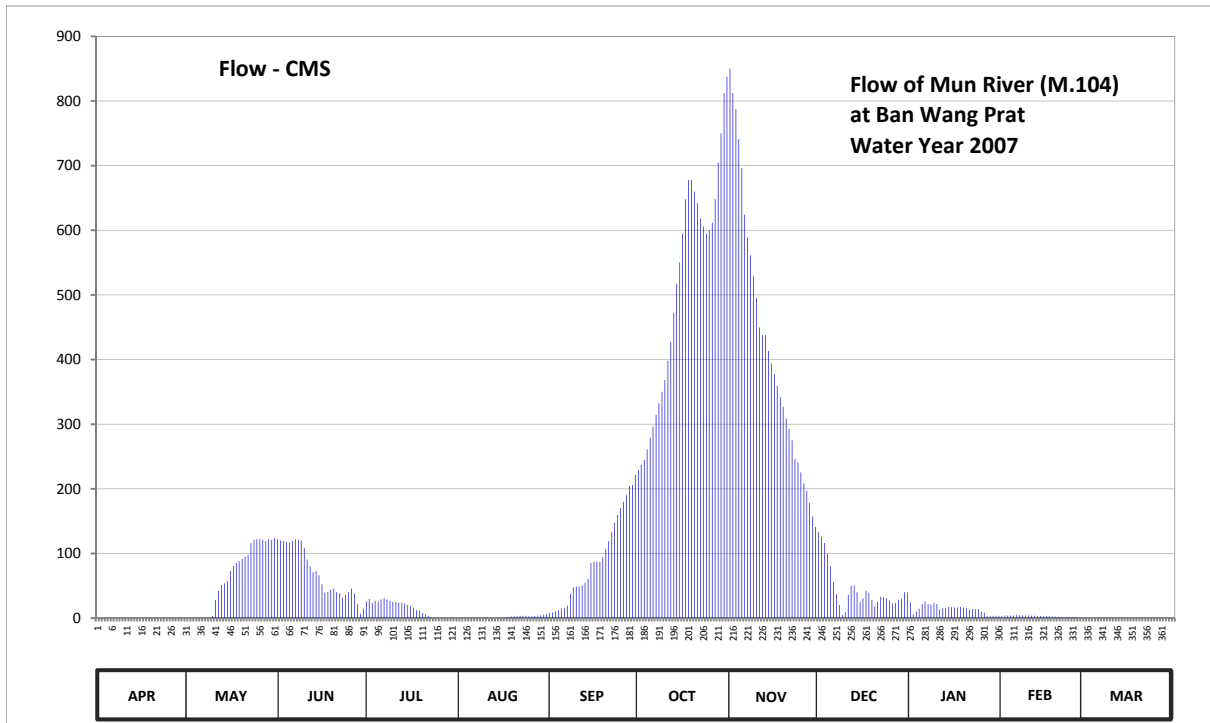
Lat 15 - 26 - 02 N Long 103 - 00 - 59 E

Location : on left bank at the bridge.

	Ban Wang Prat	Amphoe Khu Mueang	Changwat Buri Ram
Drainage Area	24,841 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+129.760 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.		Elevation +140.340 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	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 +135.020 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 12 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	131.65	131.50	133.37	132.26	131.71	132.03	134.31	136.08	133.48	132.24	131.97	131.89	
2	131.64	131.50	133.35	132.31	131.71	132.05	134.37	136.05	133.41	132.01	131.98	131.88	
3	131.63	131.50	133.34	132.23	131.73	132.07	134.43	136.03	133.31	132.06	131.98	131.87	
4	131.62	131.51	133.33	132.27	131.73	132.09	134.55	135.99	133.13	132.12	131.98	131.86	
5	131.61	131.51	133.32	132.26	131.73	132.12	134.68	135.94	132.91	132.21	131.98	131.85	
6	131.60	131.54	133.34	132.30	131.85	132.13	134.78	135.84	132.64	132.26	131.99	131.85	
7	131.60	131.56	133.37	132.32	131.87	132.18	134.88	135.78	132.40	132.21	131.99	131.83	
8	131.59	131.58	133.36	132.30	131.88	132.41	134.98	135.73	132.19	132.20	131.99	131.83	
9	131.58	131.73	133.35	132.27	131.90	132.53	135.08	135.67	131.99	132.23	131.98	131.82	
10	131.57	131.97	133.23	132.25	131.91	132.55	135.18	135.61	132.05	132.21	131.98	131.81	
11	131.56	132.29	133.03	132.25	131.92	132.55	135.34	135.51	132.39	132.10	131.98	131.81	
12	131.54	132.47	132.91	132.23	131.91	132.57	135.45	135.48	132.56	132.13	131.98	131.80	
13	131.53	132.58	132.81	132.23	131.90	132.62	135.56	135.48	132.57	132.13	131.97	131.79	
14	131.52	132.61	132.83	132.22	131.90	132.70	135.65	135.41	132.44	132.15	131.97	131.79	
15	131.52	132.65	132.76	132.19	131.89	132.97	135.71	135.32	132.25	132.15	131.96	131.79	
16	131.52	132.83	132.59	132.17	131.88	132.99	135.79	135.23	132.32	132.14	131.96	131.78	
17	131.51	132.92	132.43	132.14	131.93	132.99	135.88	135.13	132.47	132.14	131.96	131.77	
18	131.52	132.97	132.44	132.09	131.93	132.99	135.92	135.03	132.43	132.15	131.95	131.76	
19	131.53	133.00	132.49	132.08	131.95	133.07	135.92	134.95	132.29	132.14	131.95	131.76	
20	131.53	133.04	132.51	132.04	131.96	133.21	135.90	134.85	132.16	132.13	131.94	131.76	
21	131.52	133.08	132.44	132.01	131.96	133.34	135.87	134.76	132.25	132.10	131.94	131.78	
22	131.51	133.11	132.42	131.97	131.97	133.48	135.83	134.65	132.35	132.11	131.93	131.77	
23	131.51	133.31	132.33	131.93	131.97	133.62	135.81	134.44	132.34	132.11	131.93	131.76	
24	131.50	133.36	132.39	131.92	131.97	133.73	135.79	134.40	132.32	132.11	131.93	131.75	
25	131.49	133.37	132.44	131.89	131.96	133.83	135.80	134.28	132.28	132.06	131.93	131.75	
26	131.49	133.37	132.51	131.86	131.96	133.92	135.82	134.15	132.22	132.04	131.93	131.75	
27	131.50	133.36	132.41	131.83	131.97	134.01	135.88	134.06	132.23	131.96	131.91	131.75	
28	131.50	133.34	132.21	131.73	131.98	134.12	135.95	133.90	132.29	131.96	131.90	131.75	
29	131.50	133.37	132.02	131.73	131.99	134.13	136.00	133.71	132.31	131.97	131.89	131.75	
30	131.50	133.36	132.12	131.71	132.00	134.25	136.05	133.56	132.44	131.97	131.89	131.75	
31		133.39		131.70	132.01		136.07		132.43	131.97		131.80	
Mean	131.55	132.57	132.78	132.09	131.90	132.97	135.46	135.10	132.48	132.11	131.96	131.80	
Max	131.65	133.39	133.37	132.32	132.01	134.25	136.07	136.08	133.48	132.26	131.99	131.89	136.08
Min	131.49	131.50	132.02	131.70	131.71	132.03	134.31	133.56	131.99	131.96	131.89	131.75	131.49
Annual Max Momentary Gage Height	136.08		m. (MSL.) ,				at 18.00 Hours ,						on Oct 31 , 2007
Zero Gage at Bottom Elevation	129.76		m. (MSL.) ,			River Bed	127.05		m. (MSL.) ,				
Left Bank Elevation		135.01		m. (MSL.) ,									
Right Bank Elevation		136.80		m. (MSL.) ,		Drainage Are	24,841		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	122.00	25.80	0.00	7.40	229.30	849.99	133.00	24.20	3.50	0.00	
2	0.00	0.00	120.00	29.80	0.00	9.00	237.10	812.50	126.00	5.80	4.00	0.00	
3	0.00	0.00	119.00	23.40	0.00	10.60	244.90	787.50	116.00	9.80	4.00	0.00	
4	0.00	0.00	118.00	26.60	0.00	12.20	261.00	741.00	99.70	14.60	4.00	0.00	
5	0.00	0.00	117.00	25.80	0.00	14.60	279.20	696.00	79.90	21.80	4.00	0.00	
6	0.00	0.00	119.00	29.00	0.00	15.40	296.40	624.00	56.20	25.80	4.50	0.00	
7	0.00	0.00	122.00	30.60	0.00	19.40	314.40	589.00	37.00	21.80	4.50	0.00	
8	0.00	0.00	121.00	29.00	0.00	37.80	332.40	561.50	20.20	21.00	4.50	0.00	
9	0.00	0.00	120.00	26.60	0.00	47.40	350.40	528.50	4.50	23.40	4.00	0.00	
10	0.00	3.50	108.70	25.00	0.50	49.00	368.40	495.50	9.00	21.80	4.00	0.00	
11	0.00	28.20	90.70	25.00	1.00	49.00	398.00	449.50	36.20	13.00	4.00	0.00	
12	0.00	42.60	79.90	23.40	0.50	50.60	427.50	438.00	49.80	15.40	4.00	0.00	
13	0.00	51.40	70.90	23.40	0.00	54.60	472.00	438.00	50.60	15.40	3.50	0.00	
14	0.00	53.80	72.70	22.60	0.00	61.00	517.50	413.50	40.20	17.00	3.50	0.00	
15	0.00	57.00	66.40	20.20	0.00	85.30	550.50	394.00	25.00	17.00	3.00	0.00	
16	0.00	72.70	52.20	18.60	0.00	87.10	594.50	377.40	30.60	16.20	3.00	0.00	
17	0.00	80.80	39.40	16.20	1.50	87.10	648.00	359.40	42.60	16.20	3.00	0.00	
18	0.00	85.30	40.20	12.20	1.50	87.10	678.00	341.40	39.40	17.00	2.50	0.00	
19	0.00	88.00	44.20	11.40	2.50	94.30	678.00	327.00	28.20	16.20	2.50	0.00	
20	0.00	91.60	45.80	8.20	3.00	106.90	660.00	309.00	17.80	15.40	2.00	0.00	
21	0.00	95.20	40.20	5.80	3.00	119.00	642.00	292.80	25.00	13.00	2.00	0.00	
22	0.00	97.90	38.60	3.50	3.50	133.00	618.00	275.00	33.00	13.80	1.50	0.00	
23	0.00	116.00	31.40	1.50	3.50	147.20	606.00	246.20	32.20	13.80	1.50	0.00	
24	0.00	121.00	36.20	1.00	3.50	159.30	594.50	241.00	30.60	13.80	1.50	0.00	
25	0.00	122.00	40.20	0.00	3.00	170.30	600.00	225.40	27.40	9.80	1.50	0.00	
26	0.00	122.00	45.80	0.00	3.00	180.20	612.00	208.50	22.60	8.20	1.50	0.00	
27	0.00	121.00	37.80	0.00	3.50	190.30	648.00	196.80	23.40	3.00	0.50	0.00	
28	0.00	119.00	21.80	0.00	4.00	204.60	705.00	178.00	28.20	3.00	0.00	0.00	
29	0.00	122.00	6.60	0.00	4.50	205.90	750.00	157.10	29.80	3.50	0.00	0.00	
30	0.00	121.00	14.60	0.00	5.00	221.50	812.50	141.00	40.20	3.50	0.00	0.00	
31	0.00	124.00	0.00	0.00	5.80	0.00	837.50	0.00	39.40	3.50	0.00	0.00	
Total	0.00	1936.00	2102.30	464.60	52.80	2717.10	15963.00	12694.49	1373.70	437.70	82.00	0.00	37823.69 CMSDAY
Mean	0.00	62.45	70.08	14.99	1.70	90.57	514.94	423.15	44.31	14.12	2.83	0.00	103.34 CMS
Max	0.00	124.00	122.00	30.60	5.80	221.50	837.50	849.99	133.00	25.80	4.50	0.00	849.99 CMS
Min	0.00	0.00	6.60	0.00	0.00	7.40	229.30	141.00	4.50	3.00	0.00	0.00	0.00 CMS
Runoff	0.00	167.27	181.64	40.14	4.56	234.76	1379.20	1096.80	118.69	37.82	7.08	0.00	3267.97 MCM
Momentary Peak	850.00 CMS. at 136.08 m. (MSL.) at 18.00 Hours , on Oct 31, 2007												
Runoff Yield	4.17 Liters/Second/Square KM.			Momentary Peak Yield				34.22 Liters/Second/Square KM.					

WATER YEAR : 2007

MUN RIVER BASIN

Lam Chakkarat at Ban Chakkarat, Nakhon Ratchasima (M.105)

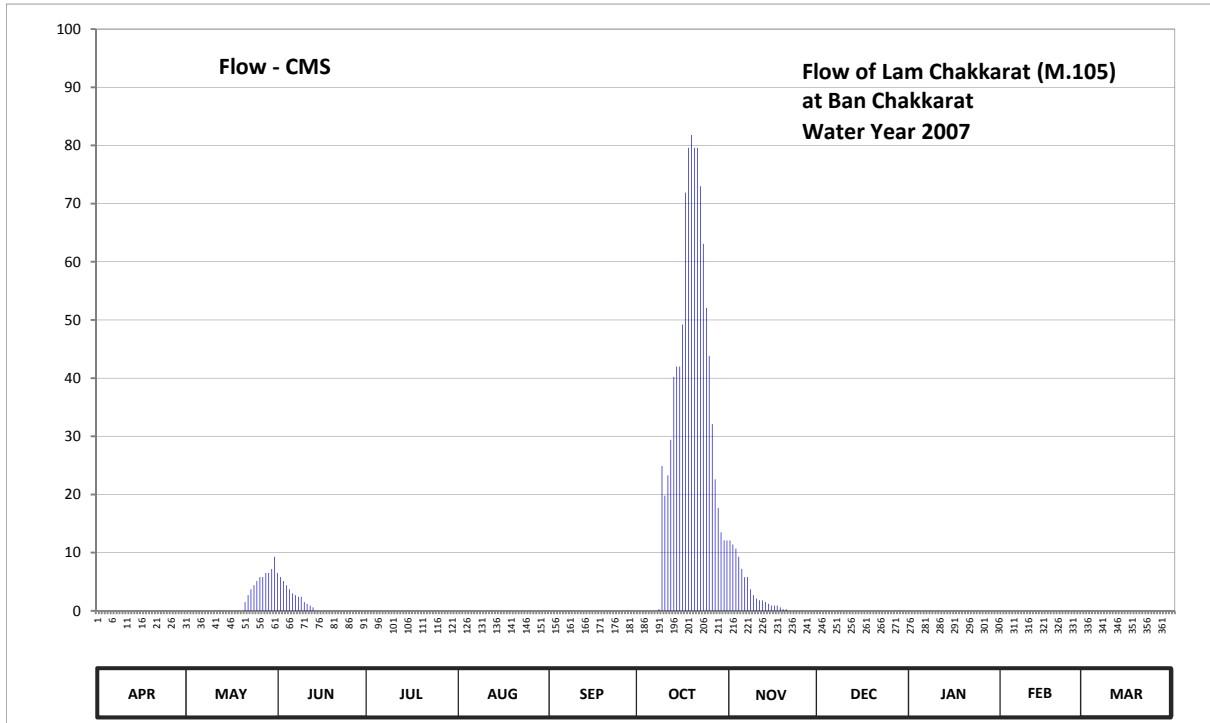
Lat 15 - 00 - 42 N Long 102 - 24 - 25 E

Location : On right bank at Ban Chakkarat.

	Ban Chakkarat	Amphoe Chakkarat	Changwat Nakhon Ratchasima
Drainage Area	1,300 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+164.960 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the gage site.		Elevation +167.870 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	1980 to date		
Rating Operation			
Period of Rating	1982 - 1985, 2001 to date.		
Rated by Flot	-		
Rated by Current Meter	1982 - 1985, 2001 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +167.200 m.(MSL.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 7 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	165.46	165.88	167.35	167.02	166.85	166.73	167.03	167.43	167.16	166.95	166.35	165.46	
2	165.46	165.91	167.34	167.01	166.86	166.74	167.06	167.42	167.15	166.94	166.35	165.46	
3	165.45	165.93	167.33	167.00	166.88	166.75	167.06	167.41	167.14	166.94	166.34	165.44	
4	165.45	165.95	167.32	166.99	166.91	166.75	167.06	167.39	167.13	166.94	166.32	165.44	
5	165.44	165.99	167.31	166.98	166.94	166.76	167.11	167.36	167.12	166.93	166.30	165.43	
6	165.44	166.03	167.30	166.97	166.95	166.77	167.16	167.34	167.10	166.92	166.27	165.44	
7	165.43	166.05	167.29	166.96	166.95	166.78	167.20	167.34	167.09	166.91	166.26	165.44	
8	165.43	166.08	167.28	166.95	166.96	166.78	167.21	167.31	167.08	166.90	166.26	165.45	
9	165.42	166.11	167.28	166.95	166.95	166.79	167.61	167.29	167.07	166.89	166.24	165.45	
10	165.42	166.17	167.25	166.94	166.95	166.80	167.54	167.27	167.07	166.88	166.23	165.46	
11	165.46	166.22	167.24	166.94	166.94	166.81	167.59	167.26	167.06	166.86	166.21	165.47	
12	165.47	166.27	167.23	166.93	166.94	166.82	167.66	167.26	167.06	166.84	166.17	165.47	
13	165.48	166.29	167.22	166.93	166.93	166.88	167.78	167.25	167.05	166.81	166.16	165.48	
14	165.49	166.31	167.20	166.92	166.93	167.01	167.80	167.24	167.02	166.78	166.14	165.49	
15	165.50	166.34	167.19	166.88	166.93	167.06	167.80	167.23	167.00	166.76	166.12	165.50	
16	165.51	166.43	167.17	166.85	166.92	167.06	167.88	167.23	167.00	166.73	166.07	165.51	
17	165.52	166.49	167.16	166.84	166.91	167.01	168.09	167.23	166.99	166.69	166.03	165.45	
18	165.53	166.60	167.15	166.84	166.89	166.99	168.16	167.22	166.98	166.68	165.98	165.44	
19	165.93	166.79	167.14	166.83	166.85	166.98	168.18	167.21	166.98	166.66	165.89	165.46	
20	165.94	167.10	167.13	166.82	166.81	166.96	168.16	167.21	166.98	166.64	165.86	165.48	
21	165.94	167.25	167.12	166.83	166.80	166.88	168.16	167.20	166.98	166.60	165.80	165.50	
22	165.96	167.29	167.09	166.83	166.79	166.88	168.10	167.20	166.98	166.56	165.74	165.52	
23	165.96	167.31	167.04	166.82	166.78	166.86	168.01	167.20	166.97	166.53	165.68	165.54	
24	165.94	167.32	167.02	166.84	166.76	166.85	167.91	167.19	166.97	166.50	165.62	165.55	
25	165.93	167.33	166.96	166.85	166.75	166.83	167.82	167.19	166.97	166.47	165.54	165.58	
26	165.92	167.34	166.98	166.85	166.73	166.81	167.69	167.18	166.96	166.45	165.50	165.61	
27	165.91	167.34	166.99	166.84	166.72	166.84	167.58	167.18	166.96	166.41	165.45	165.64	
28	165.90	167.35	167.01	166.83	166.71	166.85	167.51	167.18	166.96	166.37	165.46	165.67	
29	165.89	167.35	167.02	166.84	166.71	166.86	167.45	167.17	166.96	166.36	165.46	165.71	
30	165.88	167.36	167.02	166.85	166.70	166.87	167.43	167.16	166.95	166.35	165.46	165.76	
31		167.39		166.85	166.70		167.43		166.95	166.35		165.79	
Mean	165.65	166.63	167.17	166.90	166.85	166.86	167.62	167.26	167.03	166.70	165.99	165.52	
Max	165.96	167.39	167.35	167.02	166.96	167.06	168.18	167.43	167.16	166.95	166.35	165.79	168.18
Min	165.42	165.88	166.96	166.82	166.70	166.73	167.03	167.16	166.95	166.35	165.45	165.43	165.42
Annual Max Momentary Gage Height	168.18		m. (MSL.) ,				at 06.00 Hours ,	on Oct 19 , 2007					
Zero Gage at Bottom Elevation	164.96		m. (MSL.) ,				River Bed 1.11	m. (MSL.)					
Left Bank Elevation		167.84		m. (MSL.) ,									
Right Bank Elevation		167.19		m. (MSL.) ,		Drainage Are	1,300	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	6.50	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	
2	0.00	0.00	5.80	0.00	0.00	0.00	0.00	11.40	0.00	0.00	0.00	0.00	
3	0.00	0.00	5.10	0.00	0.00	0.00	0.00	10.70	0.00	0.00	0.00	0.00	
4	0.00	0.00	4.40	0.00	0.00	0.00	0.00	9.30	0.00	0.00	0.00	0.00	
5	0.00	0.00	3.70	0.00	0.00	0.00	0.00	7.20	0.00	0.00	0.00	0.00	
6	0.00	0.00	3.00	0.00	0.00	0.00	0.00	5.80	0.00	0.00	0.00	0.00	
7	0.00	0.00	2.70	0.00	0.00	0.00	0.00	5.80	0.00	0.00	0.00	0.00	
8	0.00	0.00	2.40	0.00	0.00	0.00	0.30	3.70	0.00	0.00	0.00	0.00	
9	0.00	0.00	2.40	0.00	0.00	0.00	24.90	2.70	0.00	0.00	0.00	0.00	
10	0.00	0.00	1.50	0.00	0.00	0.00	19.80	2.10	0.00	0.00	0.00	0.00	
11	0.00	0.00	1.20	0.00	0.00	0.00	23.30	1.80	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.90	0.00	0.00	0.00	29.40	1.80	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.60	0.00	0.00	0.00	40.20	1.50	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	42.00	1.20	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	42.00	0.90	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	49.20	0.90	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	71.90	0.90	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	79.60	0.60	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	81.80	0.30	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	79.60	0.30	0.00	0.00	0.00	0.00	
21	0.00	1.50	0.00	0.00	0.00	0.00	79.60	0.00	0.00	0.00	0.00	0.00	
22	0.00	2.70	0.00	0.00	0.00	0.00	73.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	3.70	0.00	0.00	0.00	0.00	63.10	0.00	0.00	0.00	0.00	0.00	
24	0.00	4.40	0.00	0.00	0.00	0.00	52.10	0.00	0.00	0.00	0.00	0.00	
25	0.00	5.10	0.00	0.00	0.00	0.00	43.80	0.00	0.00	0.00	0.00	0.00	
26	0.00	5.80	0.00	0.00	0.00	0.00	32.10	0.00	0.00	0.00	0.00	0.00	
27	0.00	5.80	0.00	0.00	0.00	0.00	22.60	0.00	0.00	0.00	0.00	0.00	
28	0.00	6.50	0.00	0.00	0.00	0.00	17.70	0.00	0.00	0.00	0.00	0.00	
29	0.00	6.50	0.00	0.00	0.00	0.00	13.50	0.00	0.00	0.00	0.00	0.00	
30	0.00	7.20	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	
31	0.00	9.30	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	
Total	0.00	58.50	40.20	0.00	0.00	0.00	1005.70	81.00	0.00	0.00	0.00	0.00	1185.40 CMSDAY
Mean	0.00	1.89	1.34	0.00	0.00	0.00	32.44	2.70	0.00	0.00	0.00	0.00	3.24 CMS
Max	0.00	9.30	6.50	0.00	0.00	0.00	81.80	12.10	0.00	0.00	0.00	0.00	81.80 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	0.00	5.05	3.47	0.00	0.00	0.00	86.89	7.00	0.00	0.00	0.00	0.00	102.42 MCM
Momentary Peak	81.80	CMS. at 168.18 m. (MSL.) at 06.00 Hours , on Oct 19, 2007											
Runoff Yield	2.50	Liters/Second/Square KM. Momentary Peak Yield 62.92 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

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

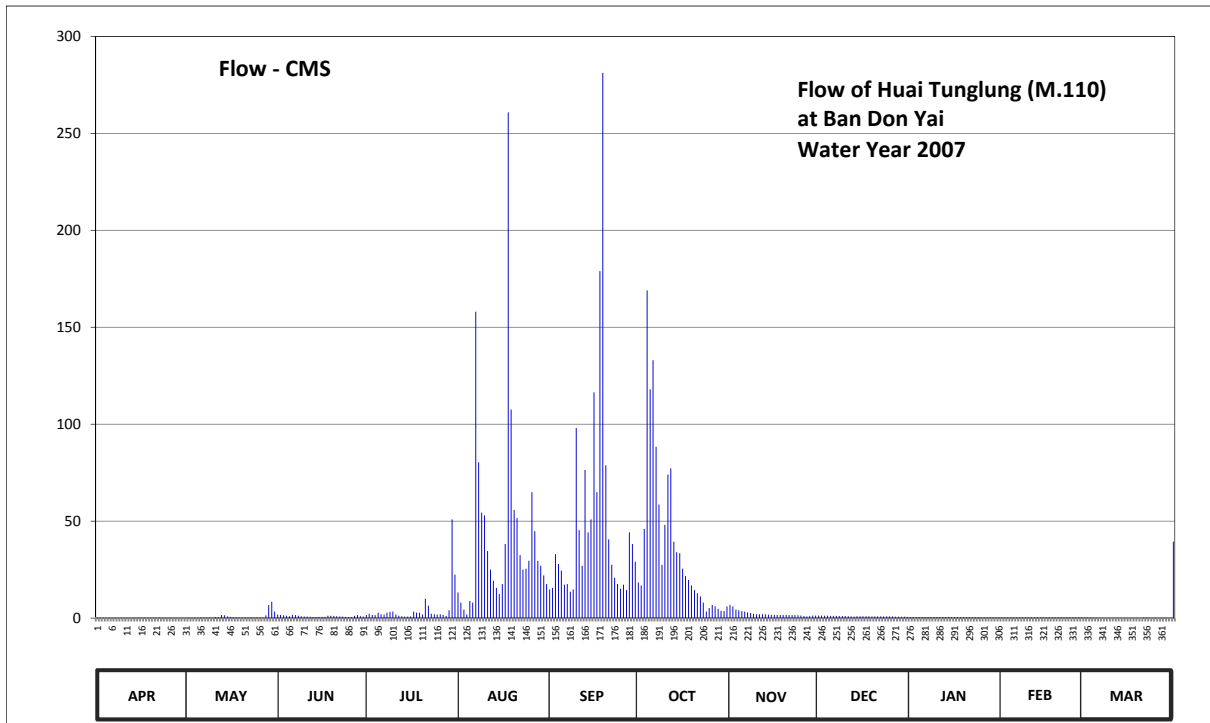
Lat 15 - 26 - 36 N Long 105 - 18 - 30 E

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	+120.070 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+130.460 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	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 +123.300 m.(MSL.), records are channel flow only.		
General Description	Records very good. The weirs situated about 10 kilometers upstream and downstream from the gage site Stage-discharge relation defined by 26 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	119.67	119.61	119.97	119.92	120.33	120.37	120.46	120.17	119.86	119.72	119.68	119.66	
2	119.65	119.64	119.93	120.01	120.20	120.39	120.42	120.15	119.86	119.72	119.68	119.65	
3	119.64	119.64	119.89	119.93	120.11	120.78	121.00	120.11	119.85	119.72	119.68	119.65	
4	119.64	119.64	119.84	119.92	119.98	120.68	122.49	120.10	119.84	119.72	119.68	119.63	
5	119.64	119.64	119.80	120.04	120.22	120.61	121.95	120.08	119.83	119.72	119.68	119.62	
6	119.63	119.67	119.95	120.00	120.20	120.43	122.13	120.07	119.83	119.72	119.68	119.61	
7	119.63	119.65	119.91	119.96	122.38	120.44	121.58	120.05	119.83	119.72	119.68	119.60	
8	119.63	119.65	119.84	120.04	121.48	120.34	121.18	120.03	119.82	119.71	119.68	119.60	
9	119.63	119.65	119.80	120.06	121.12	120.37	120.67	120.01	119.82	119.71	119.68	119.60	
10	119.63	119.65	119.77	120.07	121.10	121.70	121.03	119.98	119.81	119.71	119.68	119.59	
11	119.63	119.71	119.76	119.98	120.81	120.99	121.40	120.00	119.80	119.71	119.68	119.59	
12	119.63	119.69	119.74	119.84	120.62	120.66	121.44	119.99	119.78	119.71	119.68	119.59	
13	119.63	119.91	119.72	119.80	120.48	121.43	120.89	119.99	119.77	119.71	119.68	119.58	
14	119.63	119.89	119.71	119.77	120.39	120.97	120.80	119.97	119.79	119.71	119.68	119.58	
15	119.63	119.78	119.73	119.77	120.31	121.07	120.79	119.94	119.80	119.70	119.68	119.57	
16	119.63	119.73	119.73	119.78	120.44	121.93	120.63	119.93	119.80	119.70	119.68	119.57	
17	119.63	119.69	119.73	120.07	120.87	121.27	120.54	119.93	119.80	119.70	119.68	119.57	
18	119.63	119.67	119.84	120.04	123.34	122.59	120.49	119.93	119.79	119.70	119.68	119.57	
19	119.63	119.67	119.85	120.04	121.82	123.51	120.42	119.93	119.78	119.70	119.68	119.56	
20	119.63	119.67	119.83	119.97	121.14	121.46	120.36	119.93	119.78	119.69	119.68	119.56	
21	119.63	119.67	119.80	120.25	121.08	120.91	120.32	119.92	119.78	119.69	119.68	119.67	
22	119.63	119.67	119.78	120.16	120.77	120.67	120.28	119.92	119.78	119.69	119.68	119.64	
23	119.63	119.67	119.76	120.01	120.62	120.52	120.20	119.91	119.78	119.69	119.68	119.62	
24	119.63	119.67	119.73	119.99	120.63	120.44	120.07	119.90	119.78	119.69	119.68	119.62	
25	119.62	119.66	119.71	119.97	120.71	120.38	120.13	119.87	119.78	119.68	119.68	119.61	
26	119.62	119.65	119.70	119.99	121.27	120.43	120.17	119.81	119.78	119.68	119.68	119.61	
27	119.61	119.65	119.83	119.95	120.98	120.36	120.15	119.78	119.75	119.68	119.68	119.61	
28	119.61	119.88	119.91	119.83	120.71	120.97	120.12	119.82	119.75	119.68	119.68	119.61	
29	119.61	120.17	119.80	120.10	120.66	120.87	120.09	119.87	119.74	119.68	119.68	119.60	
30	119.61	120.21	119.77	121.07	120.55	120.70	120.08	119.86	119.74	119.68	119.68	119.56	
31		120.07		120.56	120.44		120.15		119.73	119.68		120.89	
Mean	119.63	119.74	119.80	120.03	120.83	120.94	120.72	119.97	119.79	119.70	119.68	119.64	
Max	119.67	120.21	119.97	121.07	123.34	123.51	122.49	120.17	119.86	119.72	119.68	120.89	123.51
Min	119.61	119.61	119.70	119.77	119.98	120.34	120.07	119.78	119.73	119.68	119.68	119.56	119.56
Annual Max Momentary Gage Height	123.63		m. (MSL.) ,				at 10.00 Hours ,						on Sep 19, 2007
Zero Gage at Bottom Elevation	120.07		m. (MSL.) ,			River Bed	119.39	m. (MSL.) ,					
Left Bank Elevation		123.29		m. (MSL.) ,									
Right Bank Elevation		124.67		m. (MSL.) ,		Drainage Are	570	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.35	0.05	1.85	1.60	13.20	14.80	18.40	6.80	1.30	0.60	0.40	0.30		
2	0.25	0.20	1.65	2.20	8.00	15.60	16.80	6.00	1.30	0.60	0.40	0.25		
3	0.20	0.20	1.45	1.65	4.40	33.00	46.00	4.40	1.25	0.60	0.40	0.25		
4	0.20	0.20	1.20	1.60	1.90	28.00	169.00	4.00	1.20	0.60	0.40	0.15		
5	0.20	0.20	1.00	2.80	8.80	24.50	118.00	3.60	1.15	0.60	0.40	0.10		
6	0.15	0.35	1.75	2.00	8.00	17.20	133.00	3.40	1.15	0.60	0.40	0.05		
7	0.15	0.25	1.55	1.80	158.00	17.60	88.40	3.00	1.15	0.60	0.40	0.00		
8	0.15	0.25	1.20	2.80	80.40	13.60	58.60	2.60	1.10	0.55	0.40	0.00		
9	0.15	0.25	1.00	3.20	54.40	14.80	27.50	2.20	1.10	0.55	0.40	0.00		
10	0.15	0.25	0.85	3.40	53.00	98.00	48.10	1.90	1.05	0.55	0.40	0.00		
11	0.15	0.55	0.80	1.90	34.60	45.40	74.00	2.00	1.00	0.55	0.40	0.00		
12	0.15	0.45	0.70	1.20	25.00	27.00	77.20	1.95	0.90	0.55	0.40	0.00		
13	0.15	1.55	0.60	1.00	19.20	76.40	39.40	1.95	0.85	0.55	0.40	0.00		
14	0.15	1.45	0.55	0.85	15.60	44.20	34.00	1.85	0.95	0.55	0.40	0.00		
15	0.15	0.90	0.65	0.85	12.40	50.90	33.50	1.70	1.00	0.50	0.40	0.00		
16	0.15	0.65	0.65	0.90	17.60	116.40	25.50	1.65	1.00	0.50	0.40	0.00		
17	0.15	0.45	0.65	3.40	38.20	64.90	21.60	1.65	1.00	0.50	0.40	0.00		
18	0.15	0.35	1.20	2.80	260.80	179.00	19.60	1.65	0.95	0.50	0.40	0.00		
19	0.15	0.35	1.25	2.80	107.60	281.20	16.80	1.65	0.90	0.50	0.40	0.00		
20	0.15	0.35	1.15	1.85	55.80	78.80	14.40	1.65	0.90	0.45	0.40	0.00		
21	0.15	0.35	1.00	10.00	51.60	40.60	12.80	1.60	0.90	0.45	0.40	0.35		
22	0.15	0.35	0.90	6.40	32.50	27.50	11.20	1.60	0.90	0.45	0.40	0.20		
23	0.15	0.35	0.80	2.20	25.00	20.80	8.00	1.55	0.90	0.45	0.40	0.10		
24	0.15	0.35	0.65	1.95	25.50	17.60	3.40	1.50	0.90	0.45	0.40	0.10		
25	0.10	0.30	0.55	1.85	29.50	15.20	5.20	1.35	0.90	0.40	0.40	0.05		
26	0.10	0.25	0.50	1.95	64.90	17.20	6.80	1.05	0.90	0.40	0.40	0.05		
27	0.05	0.25	1.15	1.75	44.80	14.40	6.00	0.90	0.75	0.40	0.40	0.05		
28	0.05	1.40	1.55	1.15	29.50	44.20	4.80	1.10	0.75	0.40	0.40	0.05		
29	0.05	6.80	1.00	4.00	27.00	38.20	3.80	1.35	0.70	0.40	0.40	0.00		
30	0.05	8.40	0.85	50.90	22.00	29.00	3.60	1.30	0.70	0.40		0.00		
31		3.40		22.40	17.60		6.00		0.65	0.40		39.40		
Total	4.45	31.45	30.65	145.15	1346.80	1506.00	1151.40	68.90	30.15	15.60	11.60	41.45	4383.60	CMSDAY
Mean	0.15	1.01	1.02	4.68	43.45	50.20	37.14	2.30	0.97	0.50	0.40	1.34	11.98	CMS
Max	0.35	8.40	1.85	50.90	260.80	281.20	169.00	6.80	1.30	0.60	0.40	39.40	281.20	CMS
Min	0.05	0.05	0.50	0.85	1.90	13.60	3.40	0.90	0.65	0.40	0.40	0.00	0.00	CMS
Runoff	0.38	2.72	2.65	12.54	116.36	130.12	99.48	5.95	2.60	1.35	1.00	3.58	378.74	MCM
Momentary Peak		295.60		CMS, at 123.63 m. (MSL) , at 10.00 Hours , on Sep 19, 2007										
Runoff Yield		21.07		Liters/Second/Square KM.			Momentary Peak Yield		518.60	Liters/Second/Square KM.				

WATER YEAR : 2007

MUN RIVER BASIN

Huai Takhong at Ban Khok Yai, Buri Ram (M.112)

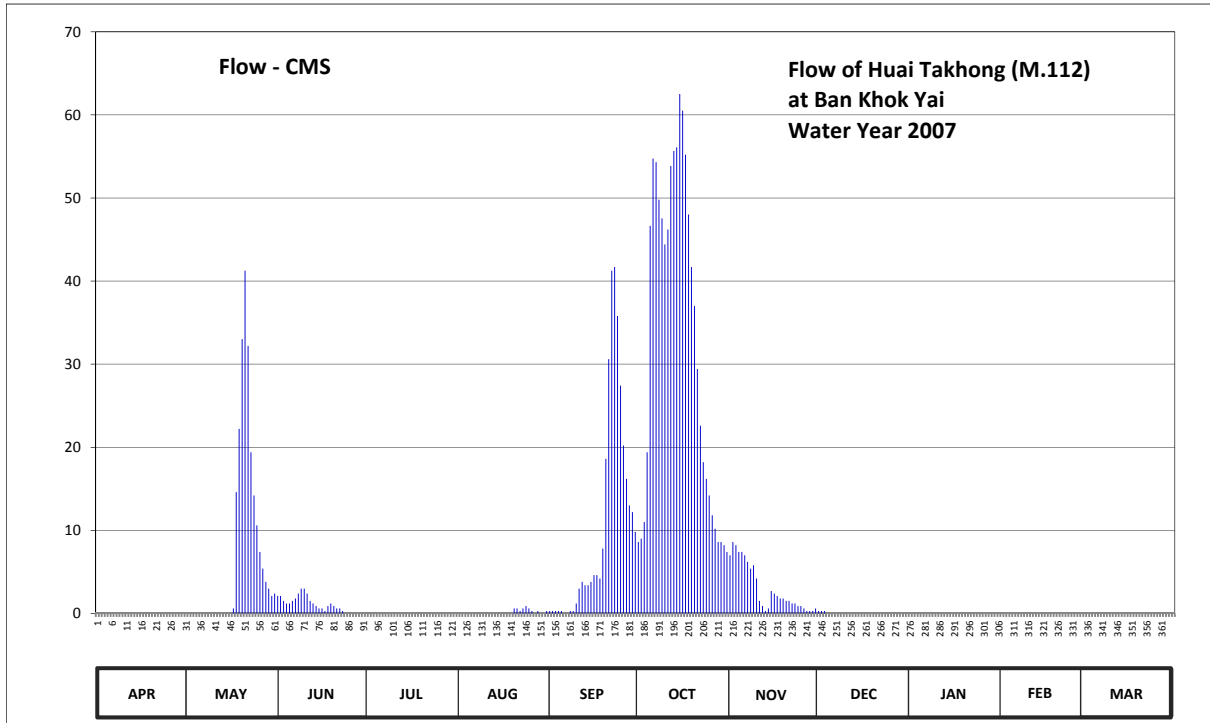
Lat 15 - 11 - 46 N Long 103 - 12 - 22 E

Location : on left bank at the bridge on highway at Ban Khok Yai.

	Ban Khok Yai	Amphoe Satuk	Changwat Buri Ram
Drainage Area	1,232 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+131.180 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 5 meters from the gage site.		Elevation +140.310 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 mean of 5 readings		
Period of Available Gage Records	1982 to date		
Rating Operation			
Period of Rating	1983 - 1987, 1998 to date.		
Rated by Flot	-		
Rated by Current Meter	1983 - 1987, 1998 to date.		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +136.450 m.(MSL.), records are channel flow only.		
General Description	Records good. Ban Don Mon weir situated downstream from the gage site. Stage-discharge relation defined by 13 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	134.57	134.24	135.87	135.79	135.53	135.81	136.04	136.00	135.81	135.58	135.19	134.66	
2	134.56	134.23	135.87	135.79	135.52	135.81	136.05	136.04	135.81	135.57	135.18	134.64	
3	134.55	134.22	135.85	135.79	135.51	135.81	136.10	136.03	135.81	135.55	135.15	134.65	
4	134.54	134.21	135.84	135.79	135.51	135.81	136.31	136.01	135.80	135.54	135.14	134.67	
5	134.53	134.22	135.84	135.78	135.50	135.81	136.97	136.01	135.80	135.53	135.12	134.69	
6	134.52	134.28	135.85	135.77	135.51	135.80	137.15	136.00	135.80	135.53	135.12	134.68	
7	134.51	134.29	135.86	135.77	135.52	135.80	137.14	135.98	135.79	135.52	135.11	134.65	
8	134.49	134.29	135.88	135.77	135.53	135.81	137.04	135.96	135.79	135.51	135.10	134.59	
9	134.47	134.29	135.90	135.77	135.54	135.81	136.99	135.97	135.79	135.48	135.08	134.57	
10	134.45	134.29	135.90	135.76	135.55	135.84	136.92	135.93	135.78	135.45	135.06	134.52	
11	134.44	134.28	135.88	135.75	135.54	135.90	136.96	135.85	135.77	135.43	135.06	134.51	
12	134.43	134.29	135.85	135.74	135.52	135.92	137.13	135.83	135.76	135.42	135.04	134.52	
13	134.42	134.30	135.84	135.72	135.51	135.91	137.17	135.81	135.76	135.41	135.02	134.54	
14	134.41	134.30	135.83	135.67	135.49	135.91	137.18	135.82	135.76	135.40	135.01	134.53	
15	134.43	134.32	135.82	135.64	135.49	135.92	137.31	135.89	135.75	135.39	134.99	134.51	
16	134.43	134.97	135.82	135.63	135.51	135.94	137.27	135.88	135.73	135.38	134.99	134.49	
17	134.42	135.82	135.81	135.68	135.57	135.94	137.16	135.87	135.72	135.37	134.97	134.46	
18	134.41	136.19	135.83	135.69	135.61	135.93	137.00	135.86	135.71	135.36	134.95	134.41	
19	134.39	136.38	135.84	135.68	135.71	136.02	136.86	135.86	135.71	135.35	134.90	134.38	
20	134.37	136.65	135.83	135.67	135.82	136.29	136.75	135.85	135.70	135.34	134.84	134.37	
21	134.37	136.85	135.82	135.66	135.82	136.59	136.56	135.85	135.69	135.33	134.80	134.38	
22	134.36	136.63	135.82	135.64	135.81	136.85	136.39	135.84	135.67	135.32	134.78	134.40	
23	134.35	136.31	135.81	135.62	135.82	136.86	136.28	135.84	135.66	135.31	134.77	134.39	
24	134.34	136.18	135.79	135.59	135.83	136.72	136.23	135.83	135.65	135.30	134.78	134.38	
25	134.33	136.09	135.78	135.53	135.82	136.51	136.18	135.83	135.64	135.29	134.78	134.35	
26	134.33	136.01	135.77	135.50	135.81	136.33	136.12	135.82	135.64	135.28	134.78	134.33	
27	134.30	135.96	135.79	135.49	135.80	136.23	136.08	135.81	135.63	135.26	134.78	134.30	
28	134.27	135.92	135.79	135.47	135.81	136.15	136.04	135.81	135.61	135.25	134.78	134.27	
29	134.25	135.90	135.79	135.49	135.80	136.13	136.04	135.81	135.61	135.23	134.78	134.24	
30	134.24	135.87	135.79	135.50	135.80	136.07	136.03	135.82	135.60	135.22	134.78	134.25	
31		135.88		135.49	135.81		136.01		135.59	135.21		134.23	
Mean	134.42	135.21	135.83	135.67	135.64	136.07	136.63	135.89	135.72	135.39	134.97	134.47	
Max	134.57	136.85	135.90	135.79	135.83	136.86	137.31	136.04	135.81	135.58	135.19	134.69	137.31
Min	134.24	134.21	135.77	135.47	135.49	135.80	136.01	135.81	135.59	135.21	134.77	134.23	134.21
Annual Max Momentary Gage Height	137.32		m. (MSL.) ,				at 18.00 Hours ,						on Oct 15, 2007
Zero Gage at Bottom Elevation	131.18		m. (MSL.) ,			River Bed	130.85		m. (MSL.) ,				
Left Bank Elevation		136.98		m. (MSL.) ,									
Right Bank Elevation		136.44		m. (MSL.) ,		Drainage Are	1,232		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	2.10	0.00	0.00	0.30	8.60	7.00	0.30	0.00	0.00	0.00	
2	0.00	0.00	2.10	0.00	0.00	0.30	9.00	8.60	0.30	0.00	0.00	0.00	
3	0.00	0.00	1.50	0.00	0.00	0.30	11.00	8.20	0.30	0.00	0.00	0.00	
4	0.00	0.00	1.20	0.00	0.00	0.30	19.40	7.40	0.00	0.00	0.00	0.00	
5	0.00	0.00	1.20	0.00	0.00	0.30	46.65	7.40	0.00	0.00	0.00	0.00	
6	0.00	0.00	1.50	0.00	0.00	0.00	54.75	7.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	1.80	0.00	0.00	0.00	54.30	6.20	0.00	0.00	0.00	0.00	
8	0.00	0.00	2.40	0.00	0.00	0.30	49.80	5.40	0.00	0.00	0.00	0.00	
9	0.00	0.00	3.00	0.00	0.00	0.30	47.55	5.80	0.00	0.00	0.00	0.00	
10	0.00	0.00	3.00	0.00	0.00	1.20	44.40	4.20	0.00	0.00	0.00	0.00	
11	0.00	0.00	2.40	0.00	0.00	3.00	46.20	1.50	0.00	0.00	0.00	0.00	
12	0.00	0.00	1.50	0.00	0.00	3.80	53.85	0.90	0.00	0.00	0.00	0.00	
13	0.00	0.00	1.20	0.00	0.00	3.40	55.65	0.30	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.90	0.00	0.00	3.40	56.10	0.60	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.60	0.00	0.00	3.80	62.50	2.70	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.60	0.00	0.00	4.60	60.50	2.40	0.00	0.00	0.00	0.00	
17	0.00	0.60	0.30	0.00	0.00	4.60	55.20	2.10	0.00	0.00	0.00	0.00	
18	0.00	14.60	0.90	0.00	0.00	4.20	48.00	1.80	0.00	0.00	0.00	0.00	
19	0.00	22.20	1.20	0.00	0.00	7.80	41.70	1.80	0.00	0.00	0.00	0.00	
20	0.00	33.00	0.90	0.00	0.60	18.60	37.00	1.50	0.00	0.00	0.00	0.00	
21	0.00	41.25	0.60	0.00	0.60	30.60	29.40	1.50	0.00	0.00	0.00	0.00	
22	0.00	32.20	0.60	0.00	0.30	41.25	22.60	1.20	0.00	0.00	0.00	0.00	
23	0.00	19.40	0.30	0.00	0.60	41.70	18.20	1.20	0.00	0.00	0.00	0.00	
24	0.00	14.20	0.00	0.00	0.90	35.80	16.20	0.90	0.00	0.00	0.00	0.00	
25	0.00	10.60	0.00	0.00	0.60	27.40	14.20	0.90	0.00	0.00	0.00	0.00	
26	0.00	7.40	0.00	0.00	0.30	20.20	11.80	0.60	0.00	0.00	0.00	0.00	
27	0.00	5.40	0.00	0.00	0.00	16.20	10.20	0.30	0.00	0.00	0.00	0.00	
28	0.00	3.80	0.00	0.00	0.30	13.00	8.60	0.30	0.00	0.00	0.00	0.00	
29	0.00	3.00	0.00	0.00	0.00	12.20	8.60	0.30	0.00	0.00	0.00	0.00	
30	0.00	2.10	0.00	0.00	0.00	9.80	8.20	0.60	0.00	0.00	0.00	0.00	
31	0.00	2.40	0.00	0.00	0.30		7.40		0.00	0.00		0.00	
Total	0.00	212.15	31.80	0.00	4.50	308.65	1017.55	90.60	0.90	0.00	0.00	0.00	1666.15 CMSDAY
Mean	0.00	6.84	1.06	0.00	0.15	10.29	32.82	3.02	0.03	0.00	0.00	0.00	4.55 CMS
Max	0.00	41.25	3.00	0.00	0.90	41.70	62.50	8.60	0.30	0.00	0.00	0.00	62.50 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	7.40	0.30	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	18.33	2.75	0.00	0.39	26.67	87.92	7.83	0.08	0.00	0.00	0.00	143.96 MCM
Momentary Peak	63.00	CMS, at 137.32 m. (MSL) , at 18.00 Hours , on Oct 15, 2007											
Runoff Yield	3.71	Liters/Second/Square KM.		Momentary Peak Yield		51.14	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

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

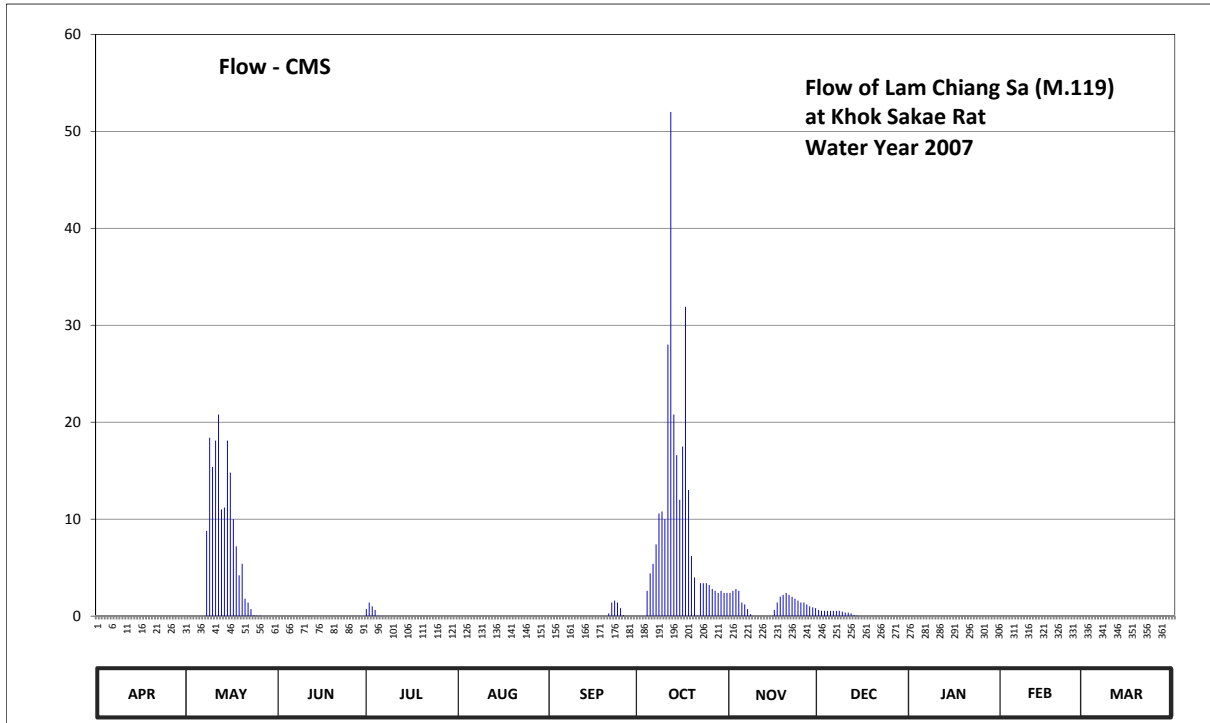
Lat 14 - 36 - 17 N Long 102 - 01 - 58 E

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	+206.070 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 4 meters from the top staff gage.	Elevation +211.290 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	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	Overbank flow starts at elevation +210.310 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage discharge relation defined by 14 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	206.32	206.32	207.91	208.67	207.73	207.85	208.10	208.77	208.66	208.01	207.54	207.14	
2	206.30	206.34	207.90	208.72	207.72	208.12	208.12	208.78	208.65	208.00	207.46	207.13	
3	206.27	206.35	207.89	208.70	207.70	208.30	208.23	208.79	208.65	207.97	207.40	207.12	
4	206.24	206.38	208.25	208.66	207.66	208.11	208.78	208.78	208.65	207.95	207.36	207.09	
5	206.18	206.58	208.52	208.55	207.61	208.09	208.87	208.72	208.65	207.93	207.41	207.06	
6	206.16	206.76	208.38	208.51	207.59	208.09	208.92	208.71	208.65	207.91	207.40	207.03	
7	206.16	207.50	208.22	208.49	207.58	208.09	209.02	208.67	208.65	207.90	207.39	206.99	
8	206.15	209.09	208.41	208.44	207.57	208.12	209.18	208.61	208.65	207.89	207.36	206.96	
9	206.14	209.48	208.46	208.02	207.56	208.07	209.19	208.44	208.64	207.89	207.34	206.95	
10	206.13	209.38	208.50	207.96	207.53	208.02	209.15	208.35	208.63	207.88	207.34	206.94	
11	206.13	209.47	208.52	207.92	207.48	208.01	209.80	208.30	208.63	207.87	207.33	206.93	
12	206.13	209.56	208.51	207.87	207.45	208.03	210.40	208.21	208.62	207.85	207.32	206.92	
13	206.13	209.20	208.34	207.86	207.45	208.03	209.56	208.12	208.59	207.82	207.30	206.91	
14	206.13	209.21	208.31	207.84	207.32	208.03	209.42	208.19	208.55	207.80	207.27	206.91	
15	206.14	209.47	207.96	207.80	207.22	208.02	209.25	208.47	208.51	207.79	207.25	206.91	
16	206.14	209.36	207.96	207.76	207.16	208.02	209.45	208.66	208.48	207.77	207.25	206.90	
17	206.14	209.15	207.96	207.75	207.15	208.03	209.93	208.72	208.47	207.74	207.25	206.90	
18	206.14	209.01	207.96	207.70	207.15	208.06	209.30	208.75	208.46	207.71	207.25	206.89	
19	206.15	208.86	207.97	207.70	207.16	208.11	208.96	208.76	208.45	207.69	207.25	206.86	
20	206.14	208.92	208.08	207.70	207.17	208.23	208.85	208.77	208.42	207.68	207.25	206.85	
21	206.14	208.74	208.11	207.72	207.17	208.62	208.56	208.76	208.39	207.68	207.25	206.84	
22	206.14	208.72	208.29	207.76	207.17	208.72	208.82	208.75	208.34	207.67	207.25	206.83	
23	206.15	208.67	208.39	207.79	207.12	208.73	208.82	208.74	208.26	207.66	207.25	206.83	
24	206.15	208.59	208.30	207.80	207.10	208.72	208.82	208.73	208.21	207.65	207.25	206.82	
25	206.14	208.55	208.16	207.80	207.00	208.68	208.81	208.72	208.18	207.63	207.24	206.81	
26	206.18	208.55	208.09	207.80	206.97	208.59	208.79	208.72	208.16	207.62	207.18	206.81	
27	206.22	208.37	208.09	207.79	206.97	208.51	208.78	208.71	208.13	207.61	207.15	206.81	
28	206.25	208.24	208.08	207.78	207.06	208.32	208.77	208.70	208.12	207.59	207.15	206.81	
29	206.27	208.18	208.13	207.77	207.32	208.12	208.78	208.69	208.11	207.58	207.15	206.80	
30	206.29	208.02	208.20	207.76	207.84	208.10	208.77	208.68	208.09	207.57	207.15	206.80	
31		207.92		207.75	207.86		208.77		208.07	207.56	207.15	206.81	
Mean	206.18	208.35	208.20	208.00	207.37	208.22	209.00	208.63	208.44	207.77	207.30	206.91	
Max	206.32	209.56	208.52	208.72	207.86	208.73	210.40	208.79	208.66	208.01	207.54	207.14	210.40
Min	206.13	206.32	207.89	207.70	206.97	207.85	208.10	208.12	208.07	207.56	207.15	206.80	206.13
Annual Max Momentary Gage Height	210.87		m. (MSL.) ,				at 19.00 Hours ,						
Zero Gage at Bottom Elevation	206.07		m. (MSL.) ,			River Bed	205.92	m. (MSL.) ,					
Left Bank Elevation		211.20		m. (MSL.) ,									
Right Bank Elevation		210.30		m. (MSL.) ,		Drainage Are	327	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.73	0.00	0.00	0.00	2.40	0.64	0.00	0.00	0.00	
2	0.00	0.00	0.00	1.40	0.00	0.00	0.00	2.60	0.55	0.00	0.00	0.00	
3	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.80	0.55	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.64	0.00	0.00	2.60	2.60	0.55	0.00	0.00	0.00	
5	0.00	0.00	0.02	0.05	0.00	0.00	4.40	1.40	0.55	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.01	0.00	0.00	5.40	1.20	0.55	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	7.40	0.73	0.55	0.00	0.00	0.00	
8	0.00	8.80	0.00	0.00	0.00	0.00	10.60	0.19	0.55	0.00	0.00	0.00	
9	0.00	18.40	0.00	0.00	0.00	0.00	10.80	0.00	0.46	0.00	0.00	0.00	
10	0.00	15.40	0.00	0.00	0.00	0.00	10.00	0.00	0.37	0.00	0.00	0.00	
11	0.00	18.10	0.02	0.00	0.00	0.00	28.00	0.00	0.37	0.00	0.00	0.00	
12	0.00	20.80	0.01	0.00	0.00	0.00	52.00	0.00	0.28	0.00	0.00	0.00	
13	0.00	11.00	0.00	0.00	0.00	0.00	20.80	0.00	0.09	0.00	0.00	0.00	
14	0.00	11.20	0.00	0.00	0.00	0.00	16.60	0.00	0.05	0.00	0.00	0.00	
15	0.00	18.10	0.00	0.00	0.00	0.00	12.00	0.00	0.01	0.00	0.00	0.00	
16	0.00	14.80	0.00	0.00	0.00	0.00	17.50	0.64	0.00	0.00	0.00	0.00	
17	0.00	10.00	0.00	0.00	0.00	0.00	31.90	1.40	0.00	0.00	0.00	0.00	
18	0.00	7.20	0.00	0.00	0.00	0.00	13.00	2.00	0.00	0.00	0.00	0.00	
19	0.00	4.20	0.00	0.00	0.00	0.00	6.20	2.20	0.00	0.00	0.00	0.00	
20	0.00	5.40	0.00	0.00	0.00	0.00	4.00	2.40	0.00	0.00	0.00	0.00	
21	0.00	1.80	0.00	0.00	0.00	0.28	0.06	2.20	0.00	0.00	0.00	0.00	
22	0.00	1.40	0.00	0.00	0.00	1.40	3.40	2.00	0.00	0.00	0.00	0.00	
23	0.00	0.73	0.00	0.00	0.00	1.60	3.40	1.80	0.00	0.00	0.00	0.00	
24	0.00	0.09	0.00	0.00	0.00	1.40	3.40	1.60	0.00	0.00	0.00	0.00	
25	0.00	0.05	0.00	0.00	0.00	0.82	3.20	1.40	0.00	0.00	0.00	0.00	
26	0.00	0.05	0.00	0.00	0.00	0.09	2.80	1.40	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.01	2.60	1.20	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	2.40	1.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.91	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.82	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
Total	0.00	167.52	0.05	3.83	0.00	5.60	281.86	36.89	6.12	0.00	0.00	0.00	501.87 CMSDAY
Mean	0.00	5.40	0.00	0.12	0.00	0.19	9.09	1.23	0.20	0.00	0.00	0.00	1.37 CMS
Max	0.00	20.80	0.02	1.40	0.00	1.60	52.00	2.80	0.64	0.00	0.00	0.00	52.00 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	0.00	14.47	0.00	0.33	0.00	0.48	24.35	3.19	0.53	0.00	0.00	0.00	43.36 MCM
Momentary Peak	89.60	CMS, at 210.87 m. (MSL) , at 19.00 Hours , on Oct 11, 2007											
Runoff Yield	4.20	Liters/Second/Square KM. Momentary Peak Yield 274.01 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Huai Ta Thieo at Ban Na Hai, Ubon Ratchathani (M.127)

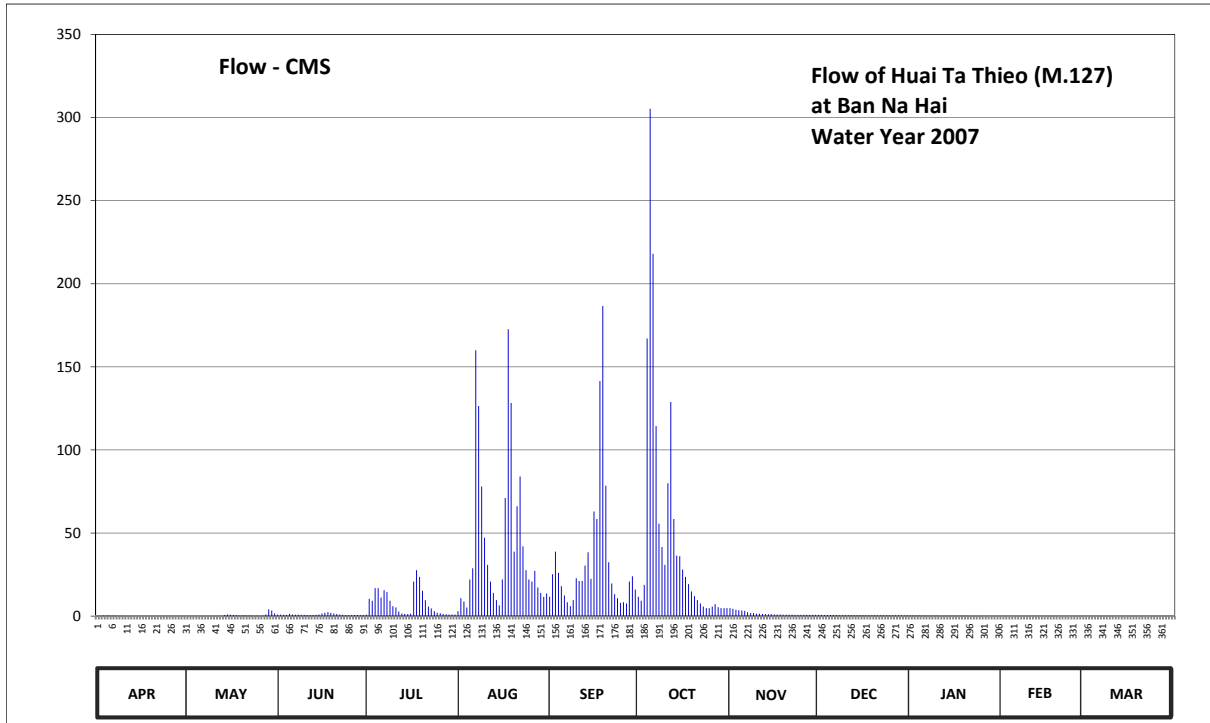
Lat 15 - 38 - 37 N Long 104 - 55 - 57 E

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	+115.340 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank downstream side at the abutment of the bridge.				Elevation	+126.870 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	1987 to date					
Rated by Flot	-					
Rated by Current Meter	1987 to date					
Stability of Channel Regimes	Fairly stable because of backwater effect.					
Overbank Flow Conditions	Overbank flow starts at elevation +121.820 m.(MSL.), records are channel flow only.No overbank flow.					
General Description	Records fair. The weir situated about 300 meters downstream from the gage site. Stage-discharge relation defined by 21 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	116.51	116.46	116.70	116.67	116.85	117.14	117.14	116.94	116.65	116.58	116.49	116.39	
2	116.54	116.46	116.68	117.11	117.12	117.48	117.08	116.92	116.65	116.58	116.49	116.39	
3	116.57	116.47	116.65	117.08	117.07	117.82	117.32	116.89	116.64	116.57	116.48	116.39	
4	116.58	116.46	116.64	117.27	116.96	117.50	120.30	116.88	116.64	116.57	116.48	116.38	
5	116.57	116.46	116.73	117.27	117.40	117.30	122.16	116.87	116.64	116.57	116.48	116.38	
6	116.56	116.50	116.69	117.13	117.57	117.16	121.03	116.86	116.63	116.56	116.48	116.37	
7	116.55	116.50	116.68	117.24	120.20	117.06	119.44	116.82	116.63	116.55	116.48	116.37	
8	116.54	116.49	116.67	117.21	119.64	117.00	118.24	116.78	116.62	116.55	116.47	116.37	
9	116.53	116.49	116.66	117.08	118.74	117.09	117.89	116.78	116.62	116.55	116.47	116.36	
10	116.52	116.48	116.65	117.00	118.03	117.42	117.62	116.74	116.62	116.55	116.47	116.36	
11	116.52	116.48	116.64	116.96	117.62	117.38	118.78	116.74	116.62	116.54	116.47	116.35	
12	116.51	116.48	116.64	116.84	117.37	117.38	119.68	116.73	116.61	116.54	116.47	116.35	
13	116.49	116.49	116.64	116.75	117.20	117.61	118.31	116.72	116.61	116.54	116.47	116.34	
14	116.47	116.63	116.65	116.73	117.09	117.81	117.76	116.71	116.61	116.54	116.45	116.34	
15	116.44	116.69	116.69	116.72	117.01	117.41	117.75	116.71	116.61	116.54	116.45	116.34	
16	116.44	116.67	116.75	116.74	117.40	118.41	117.55	116.70	116.60	116.54	116.45	116.33	
17	116.46	116.64	116.80	117.37	118.59	118.31	117.44	116.69	116.59	116.53	116.44	116.32	
18	116.47	116.61	116.82	117.54	120.38	119.89	117.33	116.69	116.60	116.53	116.44	116.32	
19	116.48	116.58	116.79	117.44	119.67	120.58	117.22	116.68	116.60	116.53	116.43	116.31	
20	116.47	116.60	116.75	117.23	117.82	118.75	117.15	116.68	116.60	116.53	116.43	116.31	
21	116.46	116.59	116.72	117.09	118.48	117.66	117.09	116.68	116.60	116.52	116.43	116.30	
22	116.46	116.58	116.69	116.99	118.86	117.34	117.04	116.68	116.60	116.52	116.42	116.30	
23	116.46	116.58	116.66	116.93	117.90	117.18	116.99	116.66	116.60	116.52	116.42	116.30	
24	116.47	116.56	116.64	116.85	117.54	117.12	116.94	116.66	116.60	116.52	116.42	116.30	
25	116.48	116.55	116.62	116.80	117.40	117.05	116.94	116.66	116.60	116.51	116.41	116.29	
26	116.49	116.54	116.62	116.77	117.37	117.06	116.99	116.66	116.60	116.50	116.41	116.28	
27	116.48	116.55	116.64	116.73	117.53	117.04	117.03	116.66	116.59	116.50	116.41	116.28	
28	116.48	116.69	116.63	116.71	117.28	117.37	116.97	116.66	116.59	116.50	116.40	116.28	
29	116.47	116.90	116.61	116.70	117.20	117.45	116.94	116.65	116.59	116.50	116.39	116.28	
30	116.46	116.87	116.61	116.70	117.14	117.25	116.94	116.65	116.58	116.50	116.40	116.28	
31		116.76		116.70	117.19		116.94		116.58	116.50		116.27	
Mean	116.50	116.57	116.68	116.98	117.86	117.63	117.87	116.74	116.61	116.53	116.45	116.33	
Max	116.58	116.90	116.82	117.54	120.38	120.58	122.16	116.94	116.65	116.58	116.49	116.39	122.16
Min	116.44	116.46	116.61	116.67	116.85	117.00	116.94	116.65	116.58	116.50	116.39	116.27	116.27
Annual Max Momentary Gage Height	122.49		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	115.34		m. (MSL.) ,			River Bed	116.04	m. (MSL.) ,					
Left Bank Elevation		121.81		m. (MSL.) ,									
Right Bank Elevation		123.17		m. (MSL.) ,		Drainage Are	424	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	0.00	1.00	0.85	3.00	11.60	11.60	4.80	0.75	0.40	0.00	0.00	
2	0.20	0.00	0.90	10.40	10.80	25.20	9.20	4.40	0.75	0.40	0.00	0.00	
3	0.35	0.00	0.75	9.20	8.80	38.80	18.80	3.80	0.70	0.35	0.00	0.00	
4	0.40	0.00	0.70	16.80	5.20	26.00	167.00	3.60	0.70	0.35	0.00	0.00	
5	0.35	0.00	1.30	16.80	22.00	18.00	305.30	3.40	0.70	0.35	0.00	0.00	
6	0.30	0.00	0.95	11.20	28.80	12.40	218.10	3.20	0.65	0.30	0.00	0.00	
7	0.25	0.00	0.90	15.60	160.00	8.40	114.40	2.40	0.65	0.25	0.00	0.00	
8	0.20	0.00	0.85	14.40	126.40	6.00	55.60	1.80	0.60	0.25	0.00	0.00	
9	0.15	0.00	0.80	9.20	78.00	9.60	41.60	1.80	0.60	0.25	0.00	0.00	
10	0.10	0.00	0.75	6.00	47.20	22.80	30.80	1.40	0.60	0.25	0.00	0.00	
11	0.10	0.00	0.70	5.20	30.80	21.20	80.00	1.40	0.60	0.20	0.00	0.00	
12	0.05	0.00	0.70	2.80	20.80	21.20	128.80	1.30	0.55	0.20	0.00	0.00	
13	0.00	0.00	0.70	1.50	14.00	30.40	58.45	1.20	0.55	0.20	0.00	0.00	
14	0.00	0.65	0.75	1.30	9.60	38.40	36.40	1.10	0.55	0.20	0.00	0.00	
15	0.00	0.95	0.95	1.20	6.40	22.40	36.00	1.10	0.55	0.20	0.00	0.00	
16	0.00	0.85	1.50	1.40	22.00	62.95	28.00	1.00	0.50	0.20	0.00	0.00	
17	0.00	0.70	2.00	20.80	71.05	58.45	23.60	0.95	0.45	0.15	0.00	0.00	
18	0.00	0.55	2.40	27.60	172.60	141.40	19.20	0.95	0.50	0.15	0.00	0.00	
19	0.00	0.40	1.90	23.60	128.20	186.60	14.80	0.90	0.50	0.15	0.00	0.00	
20	0.00	0.50	1.50	15.20	38.80	78.50	12.00	0.90	0.50	0.15	0.00	0.00	
21	0.00	0.45	1.20	9.60	66.10	32.40	9.60	0.90	0.50	0.10	0.00	0.00	
22	0.00	0.40	0.95	5.80	84.00	19.60	7.60	0.90	0.50	0.10	0.00	0.00	
23	0.00	0.40	0.80	4.60	42.00	13.20	5.80	0.80	0.50	0.10	0.00	0.00	
24	0.00	0.30	0.70	3.00	27.60	10.80	4.80	0.80	0.50	0.10	0.00	0.00	
25	0.00	0.25	0.60	2.00	22.00	8.00	4.80	0.80	0.50	0.05	0.00	0.00	
26	0.00	0.20	0.60	1.70	20.80	8.40	5.80	0.80	0.50	0.00	0.00	0.00	
27	0.00	0.25	0.70	1.30	27.20	7.60	7.20	0.80	0.45	0.00	0.00	0.00	
28	0.00	0.95	0.65	1.10	17.20	20.80	5.40	0.80	0.45	0.00	0.00	0.00	
29	0.00	4.00	0.55	1.00	14.00	24.00	4.80	0.75	0.45	0.00	0.00	0.00	
30	0.00	3.40	0.55	1.00	11.60	16.00	4.80	0.75	0.40	0.00	0.00	0.00	
31		1.60		1.00	13.60		4.80		0.40	0.00		0.00	
Total	2.50	16.80	29.30	243.15	1350.55	1001.10	1475.05	49.50	17.10	5.40	0.00	0.00	4190.45 CMSDAY
Mean	0.08	0.54	0.98	7.84	43.57	33.37	47.58	1.65	0.55	0.17	0.00	0.00	11.45 CMS
Max	0.40	4.00	2.40	27.60	172.60	186.60	305.30	4.80	0.75	0.40	0.00	0.00	305.30 CMS
Min	0.00	0.00	0.55	0.85	3.00	6.00	4.80	0.75	0.40	0.00	0.00	0.00	0.00 CMS
Runoff	0.22	1.45	2.53	21.01	116.69	86.50	127.44	4.28	1.48	0.47	0.00	0.00	362.05 MCM
Momentary Peak	333.15 CMS, at 122.49 m. (MSL) , at 12.00 Hours , on Oct 5, 2007												
Runoff Yield	27.08 Liters/Second/Square KM.		Momentary Peak Yield		785.73 Liters/Second/Square KM.								

WATER YEAR : 2007**MUN RIVER BASIN**

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

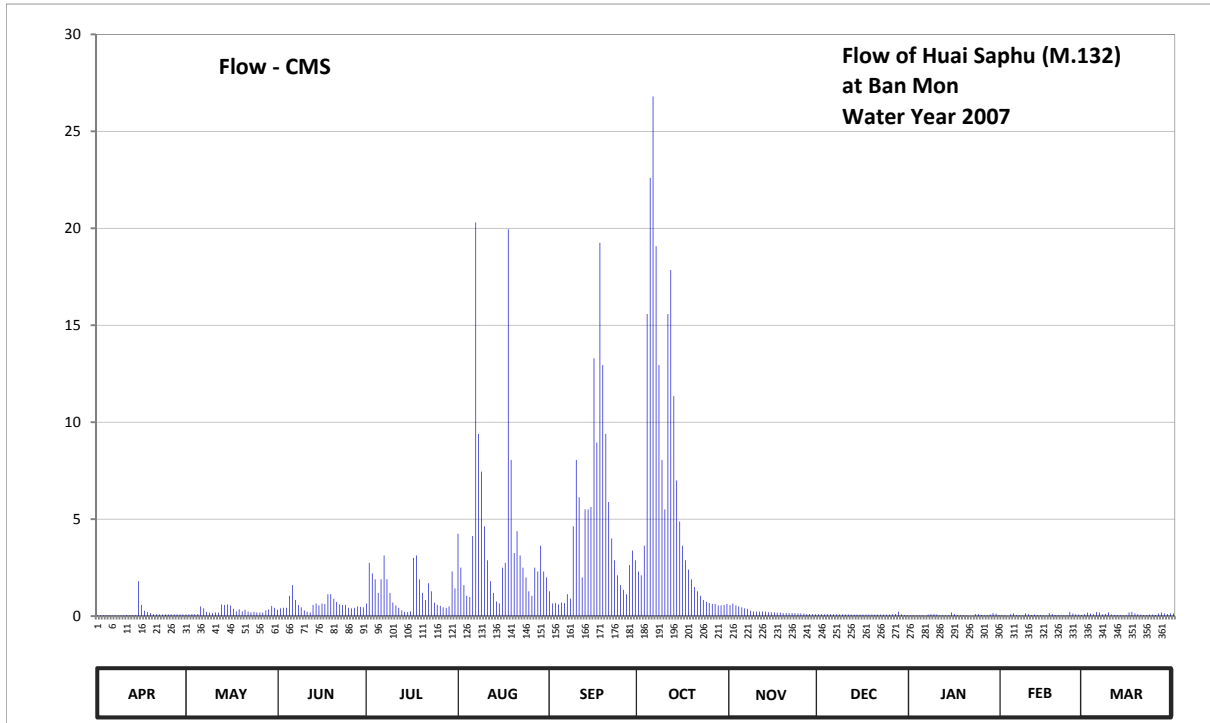
Lat 15 - 34 - 46 N Long 105 - 04 - 00 E

Location : on left bank at the bridge on highway at Ban Mon.

	Ban Mon	Amphoe Trakan Phutphon	Changwat Ubon Ratchathani
Drainage Area	101 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+116.890 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+125.200 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 means 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	Overbank flow starts at elevation +119.370 m.(MSL.), records are channel flow only.		
General Description	Records good. Flow effected by Lam Phra Phloeng Dam about 5 kilometers upstream from the gage site. Stage-discharge relation defined by 13 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	117.53	117.57	117.73	117.86	118.24	117.97	118.08	117.83	117.58	117.53	117.53	117.58	
2	117.53	117.57	117.76	118.12	118.10	117.86	118.06	117.86	117.58	117.52	117.52	117.64	
3	117.53	117.59	117.77	118.07	118.01	117.87	118.19	117.82	117.58	117.52	117.51	117.60	
4	117.53	117.58	117.77	118.04	117.94	117.84	118.99	117.80	117.58	117.52	117.58	117.58	
5	117.53	117.59	117.94	117.96	117.93	117.88	119.38	117.78	117.58	117.52	117.61	117.67	
6	117.52	117.80	118.01	118.04	118.23	117.87	119.59	117.76	117.58	117.51	117.55	117.65	
7	117.52	117.76	117.91	118.15	119.26	117.95	119.19	117.75	117.57	117.56	117.54	117.57	
8	117.52	117.67	117.83	118.04	118.61	117.92	118.84	117.71	117.57	117.58	117.53	117.59	
9	117.52	117.64	117.78	117.96	118.48	118.27	118.52	117.69	117.57	117.58	117.61	117.65	
10	117.52	117.63	117.72	117.88	118.27	118.52	118.34	117.68	117.57	117.57	117.58	117.56	
11	117.55	117.65	117.68	117.82	118.13	118.39	118.99	117.68	117.57	117.53	117.55	117.55	
12	117.54	117.64	117.65	117.77	118.03	118.05	119.12	117.69	117.56	117.53	117.56	117.54	
13	117.54	117.84	117.83	117.72	117.96	118.34	118.74	117.68	117.56	117.53	117.54	117.54	
14	117.54	117.83	117.86	117.68	117.90	118.34	118.45	117.66	117.56	117.53	117.54	117.53	
15	118.03	117.84	117.82	117.67	117.86	118.35	118.29	117.66	117.56	117.65	117.52	117.53	
16	117.83	117.82	117.86	117.70	118.10	118.86	118.19	117.65	117.56	117.59	117.52	117.65	
17	117.71	117.75	117.85	118.14	118.12	118.58	118.13	117.64	117.56	117.54	117.62	117.67	
18	117.67	117.70	117.95	118.15	119.24	119.20	118.09	117.64	117.56	117.53	117.59	117.61	
19	117.63	117.74	117.95	118.04	118.52	118.84	118.04	117.63	117.56	117.53	117.55	117.58	
20	117.58	117.70	117.92	117.96	118.16	118.61	118.00	117.63	117.56	117.52	117.54	117.56	
21	117.57	117.73	117.89	117.91	118.25	118.37	117.97	117.63	117.56	117.51	117.53	117.55	
22	117.57	117.68	117.84	118.02	118.15	118.22	117.94	117.63	117.56	117.51	117.53	117.55	
23	117.56	117.65	117.83	117.97	118.10	118.13	117.91	117.62	117.56	117.59	117.53	117.56	
24	117.57	117.67	117.83	117.88	118.05	118.06	117.89	117.61	117.56	117.59	117.67	117.56	
25	117.57	117.65	117.77	117.83	117.97	118.01	117.87	117.61	117.56	117.55	117.60	117.55	
26	117.57	117.65	117.76	117.81	117.94	117.98	117.85	117.60	117.57	117.53	117.57	117.60	
27	117.57	117.64	117.77	117.78	118.10	117.95	117.85	117.59	117.59	117.53	117.56	117.65	
28	117.57	117.72	117.80	117.77	118.08	118.11	117.82	117.59	117.68	117.56	117.55	117.61	
29	117.57	117.74	117.79	117.80	118.19	118.17	117.82	117.59	117.57	117.63	117.55	117.59	
30	117.57	117.81	117.78	118.08	118.08	118.13	117.83	117.58	117.55	117.60	117.61	117.61	
31		117.77		117.99	118.05		117.85		117.53	117.54		117.61	
Mean	117.59	117.70	117.82	117.92	118.20	118.22	118.32	117.68	117.57	117.55	117.56	117.59	
Max	118.03	117.84	118.01	118.15	119.26	119.20	119.59	117.86	117.68	117.65	117.67	117.67	119.59
Min	117.52	117.57	117.65	117.67	117.86	117.84	117.82	117.58	117.53	117.51	117.51	117.53	117.51
Annual Max Momentary Gage Height	119.71		m. (MSL.) ,				at 07.00 Hours, on Oct 6, 2007						
Zero Gage at Bottom Elevation	116.89		m. (MSL.) ,			River Bed	117.11	m. (MSL.)					
Left Bank Elevation	119.36		m. (MSL.) ,										
Right Bank Elevation	121.47		m. (MSL.) ,		Drainage Are	101	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.09	0.33	0.65	4.25	1.28	2.30	0.58	0.10	0.04	0.04	0.10	
2	0.04	0.09	0.40	2.75	2.50	0.65	2.10	0.65	0.10	0.03	0.03	0.18	
3	0.04	0.11	0.43	2.20	1.60	0.68	3.63	0.55	0.10	0.03	0.01	0.13	
4	0.04	0.10	0.43	1.90	1.05	0.60	15.58	0.50	0.10	0.03	0.10	0.10	
5	0.04	0.11	1.05	1.20	0.98	0.70	22.60	0.45	0.10	0.03	0.14	0.21	
6	0.03	0.50	1.60	1.90	4.13	0.68	26.80	0.40	0.10	0.01	0.06	0.19	
7	0.03	0.40	0.83	3.13	20.30	1.13	19.08	0.38	0.09	0.08	0.05	0.09	
8	0.03	0.21	0.58	1.90	9.40	0.90	12.95	0.28	0.09	0.10	0.04	0.11	
9	0.03	0.18	0.45	1.20	7.45	4.63	8.05	0.24	0.09	0.10	0.14	0.19	
10	0.03	0.16	0.30	0.70	4.63	8.05	5.50	0.23	0.09	0.09	0.10	0.08	
11	0.06	0.19	0.23	0.55	2.88	6.13	15.58	0.23	0.09	0.04	0.06	0.06	
12	0.05	0.18	0.19	0.43	1.80	2.00	17.85	0.24	0.08	0.04	0.08	0.05	
13	0.05	0.60	0.58	0.30	1.20	5.50	11.35	0.23	0.08	0.04	0.05	0.05	
14	0.05	0.58	0.65	0.23	0.75	5.50	7.00	0.20	0.08	0.04	0.05	0.04	
15	1.80	0.60	0.55	0.21	0.65	5.63	4.88	0.20	0.08	0.19	0.03	0.04	
16	0.58	0.55	0.65	0.25	2.50	13.30	3.63	0.19	0.08	0.11	0.03	0.19	
17	0.28	0.38	0.63	3.00	2.75	8.95	2.88	0.18	0.08	0.05	0.15	0.21	
18	0.21	0.25	1.13	3.13	19.95	19.25	2.40	0.18	0.08	0.04	0.11	0.14	
19	0.16	0.35	1.13	1.90	8.05	12.95	1.90	0.16	0.08	0.04	0.06	0.10	
20	0.10	0.25	0.90	1.20	3.25	9.40	1.50	0.16	0.08	0.03	0.05	0.08	
21	0.09	0.33	0.73	0.83	4.38	5.88	1.28	0.16	0.08	0.01	0.04	0.06	
22	0.09	0.23	0.60	1.70	3.13	4.00	1.05	0.16	0.08	0.01	0.04	0.06	
23	0.08	0.19	0.58	1.28	2.50	2.88	0.83	0.15	0.08	0.11	0.04	0.08	
24	0.09	0.21	0.58	0.70	2.00	2.10	0.73	0.14	0.08	0.11	0.21	0.08	
25	0.09	0.19	0.43	0.58	1.28	1.60	0.68	0.14	0.08	0.06	0.13	0.06	
26	0.09	0.19	0.40	0.53	1.05	1.35	0.63	0.13	0.09	0.04	0.09	0.13	
27	0.09	0.18	0.43	0.45	2.50	1.13	0.63	0.11	0.11	0.04	0.08	0.19	
28	0.09	0.30	0.50	0.43	2.30	2.63	0.55	0.11	0.23	0.08	0.06	0.14	
29	0.09	0.35	0.48	0.50	3.63	3.38	0.55	0.11	0.09	0.16	0.06	0.11	
30	0.09	0.53	0.45	2.30	2.30	2.88	0.58	0.10	0.06	0.13		0.14	
31		0.43		1.43	2.00		0.63		0.04	0.05		0.14	
Total	4.58	9.01	18.22	39.46	127.14	135.74	195.70	7.54	2.79	1.96	2.13	3.53	547.80 CMSDAY
Mean	0.15	0.29	0.61	1.27	4.10	4.52	6.31	0.25	0.09	0.06	0.07	0.11	1.50 CMS
Max	1.80	0.60	1.60	3.13	20.30	19.25	26.80	0.65	0.23	0.19	0.21	0.21	26.80 CMS
Min	0.03	0.09	0.19	0.21	0.65	0.60	0.55	0.10	0.04	0.01	0.01	0.04	0.01 CMS
Runoff	0.4	0.78	1.57	3.41	10.98	11.73	16.91	0.65	0.24	0.17	0.18	0.3	47.33 MCM
Momentary Peak	29.20	CMS, at 119.71 m. (MSL) , at 07.00 Hours, on Oct 6, 2007											
Runoff Yield	14.86	Liters/Second/Square KM. Momentary Peak Yield 289.11 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

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

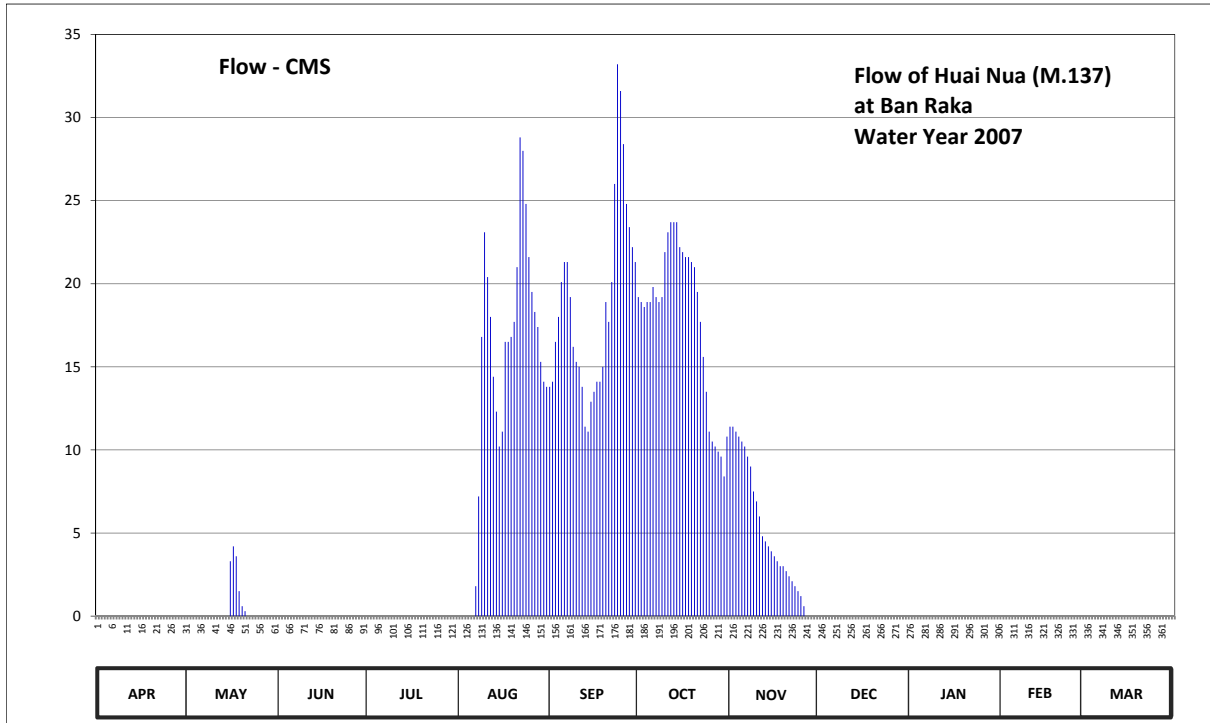
Lat 14 - 47 - 28 N Long 104 - 10 - 35 E

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	+139.160 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream side at the abutment of the bridge.	Elevation	+143.750 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 because of backwater effect.		
Overbank Flow Conditions	Overbank flow starts at elevation +141.120 m.(MSL.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 10 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	139.08	139.03	140.18	139.96	139.76	140.86	141.04	140.78	140.35	140.03	139.81	139.48	
2	139.07	139.04	140.16	139.95	139.79	140.87	141.03	140.78	140.34	140.02	139.80	139.47	
3	139.06	139.04	140.14	139.94	139.79	140.95	141.02	140.77	140.33	140.02	139.79	139.46	
4	139.05	139.04	140.19	139.93	139.79	141.00	141.03	140.76	140.31	140.01	139.78	139.45	
5	139.05	139.06	140.20	139.99	139.79	141.07	141.03	140.75	140.29	140.01	139.77	139.43	
6	139.04	139.06	140.23	140.03	140.07	141.11	141.06	140.74	140.26	140.00	139.75	139.43	
7	139.04	139.08	140.23	140.05	140.46	141.11	141.04	140.72	140.23	139.99	139.74	139.42	
8	139.03	139.19	139.96	140.07	140.64	141.04	141.03	140.70	140.18	139.99	139.73	139.41	
9	139.03	139.20	139.95	140.09	140.96	140.94	141.04	140.65	140.13	139.99	139.72	139.40	
10	139.03	139.36	139.92	140.09	141.17	140.91	141.13	140.63	140.11	139.98	139.71	139.39	
11	139.02	139.70	139.91	140.06	141.08	140.90	141.17	140.60	140.10	139.97	139.70	139.37	
12	139.02	139.84	139.90	140.04	141.00	140.86	141.19	140.56	140.09	139.96	139.69	139.33	
13	139.01	139.93	139.89	140.01	140.88	140.78	141.19	140.55	140.08	139.96	139.68	139.31	
14	139.01	140.12	139.88	139.99	140.81	140.77	141.19	140.54	140.07	139.96	139.65	139.28	
15	139.06	140.40	139.87	139.98	140.74	140.83	141.14	140.53	140.07	139.95	139.64	139.27	
16	139.06	140.51	139.85	139.95	140.77	140.85	141.13	140.52	140.07	139.95	139.63	139.26	
17	139.06	140.54	139.83	139.94	140.95	140.87	141.12	140.51	140.07	139.94	139.62	139.25	
18	139.06	140.52	139.84	139.93	140.95	140.87	141.12	140.50	140.07	139.94	139.60	139.24	
19	139.06	140.45	139.97	139.91	140.96	140.90	141.11	140.50	140.07	139.93	139.59	139.23	
20	139.06	140.42	140.00	139.89	140.99	141.03	141.10	140.49	140.07	139.92	139.58	139.22	
21	139.06	140.41	140.03	139.87	141.10	140.99	141.05	140.48	140.07	139.92	139.57	139.21	
22	139.05	140.39	140.06	139.86	141.32	141.07	140.99	140.47	140.07	139.91	139.56	139.20	
23	139.05	140.36	140.03	139.85	141.30	141.25	140.92	140.46	140.07	139.90	139.55	139.20	
24	139.04	140.34	140.01	139.74	141.22	141.43	140.85	140.45	140.07	139.89	139.54	139.19	
25	139.03	140.34	139.99	139.69	141.12	141.39	140.77	140.44	140.07	139.88	139.54	139.19	
26	139.03	140.34	139.98	139.70	141.05	141.31	140.75	140.42	140.06	139.87	139.52	139.18	
27	139.03	140.32	139.98	139.71	141.01	141.22	140.74	140.40	140.06	139.86	139.51	139.18	
28	139.02	140.26	139.97	139.70	140.98	141.18	140.73	140.39	140.06	139.85	139.50	139.17	
29	139.02	140.23	139.97	139.70	140.91	141.14	140.72	140.38	140.05	139.84	139.50	139.16	
30	139.03	140.21	139.96	139.71	140.87	141.11	140.68	140.36	140.05	139.84	139.50	139.16	
31		140.21		139.73	140.86		140.76		140.04	139.83		139.16	
Mean	139.04	139.90	140.00	139.91	140.74	141.02	141.00	140.56	140.13	139.94	139.65	139.29	
Max	139.08	140.54	140.23	140.09	141.32	141.43	141.19	140.78	140.35	140.03	139.81	139.48	141.43
Min	139.01	139.03	139.83	139.69	139.76	140.77	140.68	140.36	140.04	139.83	139.50	139.16	139.01
Annual Max Momentary Gage Height	141.44		m. (MSL.) ,				at 15.00 Hours ,						on Sep 24, 2007
Zero Gage at Bottom Elevation	139.16		m. (MSL.) ,			River Bed	136.54	m. (MSL.) ,					
Left Bank Elevation		141.11	m. (MSL.) ,										
Right Bank Elevation		141.54	m. (MSL.) ,			Drainage Are	478	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	13.80	19.20	11.40	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	14.10	18.90	11.40	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	16.50	18.60	11.10	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	18.00	18.90	10.80	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	20.10	18.90	10.50	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	21.30	19.80	10.20	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	1.80	21.30	19.20	9.60	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	7.20	19.20	18.90	9.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	16.80	16.20	19.20	7.50	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	23.10	15.30	21.90	6.90	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	20.40	15.00	23.10	6.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	18.00	13.80	23.70	4.80	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	14.40	11.40	23.70	4.50	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	12.30	11.10	23.70	4.20	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	10.20	12.90	22.20	3.90	0.00	0.00	0.00	0.00	
16	0.00	3.30	0.00	0.00	11.10	13.50	21.90	3.60	0.00	0.00	0.00	0.00	
17	0.00	4.20	0.00	0.00	16.50	14.10	21.60	3.30	0.00	0.00	0.00	0.00	
18	0.00	3.60	0.00	0.00	16.50	14.10	21.60	3.00	0.00	0.00	0.00	0.00	
19	0.00	1.50	0.00	0.00	16.80	15.00	21.30	3.00	0.00	0.00	0.00	0.00	
20	0.00	0.60	0.00	0.00	17.70	18.90	21.00	2.70	0.00	0.00	0.00	0.00	
21	0.00	0.30	0.00	0.00	21.00	17.70	19.50	2.40	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	28.80	20.10	17.70	2.10	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	28.00	26.00	15.60	1.80	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	24.80	33.20	13.50	1.50	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	21.60	31.60	11.10	1.20	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	19.50	28.40	10.50	0.60	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	18.30	24.80	10.20	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	17.40	23.40	9.90	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	15.30	22.20	9.60	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	14.10	21.30	8.40	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	13.80	10.80	10.80	0.00	0.00	0.00	0.00	0.00	
Total	0.00	13.50	0.00	0.00	425.40	564.30	554.10	147.00	0.00	0.00	0.00	0.00	1704.30 CMSDAY
Mean	0.00	0.44	0.00	0.00	13.72	18.81	17.87	4.90	0.00	0.00	0.00	0.00	4.66 CMS
Max	0.00	4.20	0.00	0.00	28.80	33.20	23.70	11.40	0.00	0.00	0.00	0.00	33.20 CMS
Min	0.00	0.00	0.00	0.00	0.00	11.10	8.40	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	1.17	0.00	0.00	36.75	48.76	47.87	12.70	0.00	0.00	0.00	0.00	147.25 MCM
Momentary Peak	33.60	CMS, at 141.44 m. (MSL) , at 15.00 Hours , on Sep 24, 2007											
Runoff Yield	9.77	Liters/Second/Square KM.		Momentary Peak Yield		70.29	Liters/Second/Square KM.						

WATER YEAR : 2007**MUN RIVER BASIN****Huai Sang Kot at Ban Nong Yai, Si Sa Ket (M.143)**

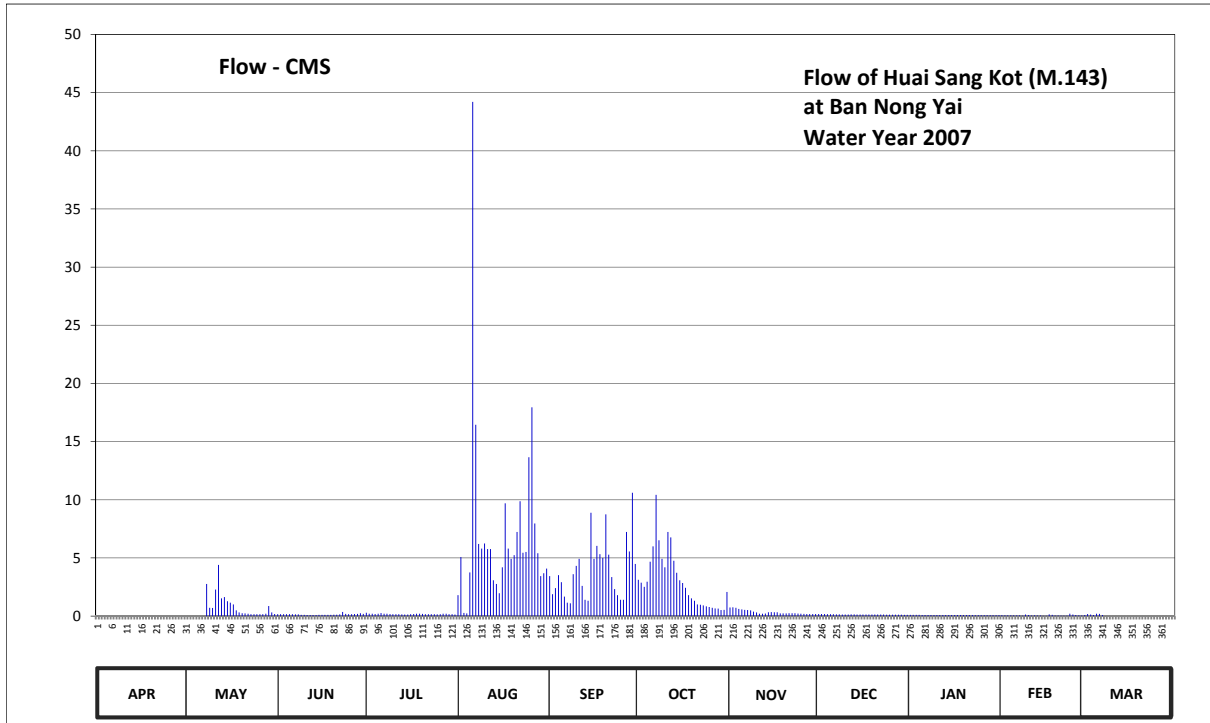
Lat 14 - 29 - 01 N Long 104 - 39 - 52 E

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	+164.600 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	on left bank upstream at the abutments of the bridge.	Elevation	+171.060 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	Fairly stable with variable water surface slope.		
Overbank Flow Conditions	Overbank flow starts at elevation +169.500 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	165.32	165.36	165.54	165.69	166.35	166.76	166.68	165.97	165.56	165.41	165.35	165.33	
2	165.32	165.36	165.53	165.60	167.17	166.37	166.62	165.98	165.56	165.41	165.34	165.33	
3	165.32	165.35	165.52	165.59	165.68	166.50	166.53	165.96	165.55	165.41	165.34	165.33	
4	165.32	165.35	165.52	165.55	165.63	166.78	166.64	165.91	165.54	165.41	165.34	165.33	
5	165.31	165.35	165.51	165.60	166.84	166.63	167.07	165.89	165.52	165.40	165.34	165.33	
6	165.31	165.36	165.51	165.66	169.98	166.32	167.40	165.87	165.51	165.40	165.34	165.33	
7	165.31	165.39	165.50	165.60	168.61	166.18	168.08	165.86	165.49	165.40	165.34	165.33	
8	165.31	166.59	165.49	165.59	167.45	166.15	167.52	165.85	165.49	165.40	165.33	165.33	
9	165.30	165.96	165.42	165.55	167.35	166.80	167.13	165.78	165.47	165.40	165.33	165.33	
10	165.30	165.95	165.42	165.54	167.46	166.98	166.95	165.72	165.47	165.39	165.33	165.33	
11	165.29	166.47	165.40	165.53	167.34	167.13	167.64	165.60	165.48	165.39	165.35	165.32	
12	165.29	167.00	165.40	165.52	167.34	166.55	167.56	165.61	165.49	165.39	165.35	165.32	
13	165.29	166.28	165.39	165.50	166.67	166.25	167.09	165.62	165.49	165.38	165.35	165.32	
14	165.33	166.31	165.39	165.48	166.59	166.23	166.83	165.73	165.48	165.38	165.35	165.32	
15	165.33	166.22	165.42	165.48	166.39	167.91	166.67	165.74	165.48	165.38	165.35	165.32	
16	165.33	166.18	165.41	165.51	166.95	167.13	166.61	165.73	165.48	165.37	165.34	165.32	
17	165.33	166.10	165.41	165.55	168.00	167.41	166.51	165.73	165.47	165.37	165.34	165.32	
18	165.33	165.85	165.41	165.59	167.35	167.23	166.35	165.63	165.47	165.37	165.34	165.32	
19	165.33	165.71	165.41	165.61	167.13	167.15	166.28	165.63	165.46	165.37	165.34	165.32	
20	165.33	165.64	165.43	165.57	167.21	167.89	166.23	165.63	165.45	165.37	165.34	165.32	
21	165.33	165.63	165.44	165.54	167.64	167.22	166.10	165.65	165.45	165.37	165.34	165.30	
22	165.32	165.59	165.50	165.53	168.02	166.74	166.09	165.65	165.45	165.37	165.34	165.30	
23	165.32	165.53	165.75	165.52	167.26	166.48	166.06	165.64	165.45	165.36	165.34	165.30	
24	165.32	165.53	165.58	165.51	167.28	166.35	166.02	165.62	165.44	165.36	165.34	165.32	
25	165.32	165.53	165.52	165.50	168.38	166.25	165.99	165.60	165.44	165.36	165.34	165.32	
26	165.32	165.53	165.51	165.52	168.71	166.25	165.96	165.58	165.44	165.36	165.34	165.31	
27	165.32	165.53	165.55	165.61	167.76	167.64	165.93	165.56	165.43	165.36	165.33	165.31	
28	165.32	165.61	165.57	165.60	167.25	167.29	165.92	165.56	165.43	165.35	165.33	165.33	
29	165.35	166.03	165.64	165.54	166.76	168.10	165.86	165.56	165.43	165.35	165.33	165.33	
30	165.36	165.71	165.57	165.51	166.82	167.02	165.87	165.56	165.42	165.35	165.33	165.32	
31		165.55		165.47	166.92		166.42		165.42	165.35		165.32	
Mean	165.32	165.79	165.49	165.55	167.30	166.86	166.60	165.71	165.47	165.38	165.34	165.32	
Max	165.36	167.00	165.75	165.69	169.98	168.10	168.08	165.98	165.56	165.41	165.35	165.33	169.98
Min	165.29	165.35	165.39	165.47	165.63	166.15	165.86	165.56	165.42	165.35	165.33	165.30	165.29
Annual Max Momentary Gage Height	170.60		m. (MSL.) ,				at 15.00 Hours , on Aug 6, 2007						
Zero Gage at Bottom Elevation	164.60		m. (MSL.) ,			River Bed	165.18	m. (MSL.) ,					
Left Bank Elevation		169.55		m. (MSL.) ,									
Right Bank Elevation		169.49		m. (MSL.) ,		Drainage Are	47	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.17	0.29	1.80	3.44	3.12	0.74	0.18	0.11	0.08	0.10	
2	0.00	0.00	0.17	0.20	5.08	1.88	2.88	0.76	0.18	0.11	0.07	0.18	
3	0.00	0.00	0.16	0.20	0.28	2.40	2.52	0.72	0.18	0.11	0.07	0.13	
4	0.00	0.00	0.16	0.18	0.23	3.52	2.96	0.62	0.17	0.11	0.07	0.10	
5	0.00	0.00	0.16	0.20	3.76	2.92	4.68	0.58	0.16	0.10	0.07	0.21	
6	0.00	0.00	0.16	0.26	44.20	1.68	6.00	0.54	0.16	0.10	0.07	0.19	
7	0.00	0.00	0.15	0.20	16.45	1.16	10.42	0.52	0.15	0.10	0.07	0.09	
8	0.00	2.76	0.15	0.20	6.20	1.10	6.52	0.50	0.15	0.10	0.04	0.00	
9	0.00	0.72	0.11	0.18	5.80	3.60	4.92	0.38	0.14	0.10	0.14	0.00	
10	0.00	0.70	0.11	0.17	6.24	4.32	4.20	0.32	0.14	0.10	0.10	0.00	
11	0.00	2.28	0.10	0.17	5.76	4.92	7.24	0.20	0.14	0.10	0.06	0.00	
12	0.00	4.40	0.10	0.16	5.76	2.60	6.76	0.21	0.15	0.10	0.07	0.00	
13	0.00	1.52	0.10	0.15	3.08	1.40	4.76	0.22	0.15	0.09	0.05	0.00	
14	0.00	1.64	0.10	0.14	2.76	1.32	3.72	0.33	0.14	0.09	0.05	0.00	
15	0.00	1.28	0.11	0.14	1.96	8.89	3.08	0.34	0.14	0.09	0.02	0.00	
16	0.00	1.16	0.11	0.16	4.20	4.92	2.84	0.33	0.14	0.09	0.02	0.00	
17	0.00	1.00	0.11	0.18	9.70	6.04	2.44	0.33	0.14	0.09	0.15	0.00	
18	0.00	0.50	0.11	0.20	5.80	5.32	1.80	0.23	0.14	0.09	0.11	0.00	
19	0.00	0.31	0.11	0.21	4.92	5.00	1.52	0.23	0.13	0.09	0.06	0.00	
20	0.00	0.24	0.12	0.19	5.24	8.74	1.32	0.23	0.13	0.09	0.05	0.00	
21	0.00	0.23	0.12	0.17	7.24	5.28	1.00	0.25	0.13	0.09	0.04	0.00	
22	0.00	0.20	0.15	0.17	9.88	3.36	0.98	0.25	0.13	0.09	0.04	0.00	
23	0.00	0.17	0.35	0.16	5.44	2.32	0.92	0.24	0.13	0.08	0.04	0.00	
24	0.00	0.17	0.19	0.16	5.52	1.80	0.84	0.22	0.12	0.08	0.21	0.00	
25	0.00	0.17	0.16	0.15	13.66	1.40	0.78	0.20	0.12	0.08	0.13	0.00	
26	0.00	0.17	0.16	0.16	17.95	1.40	0.72	0.19	0.12	0.08	0.09	0.00	
27	0.00	0.17	0.18	0.21	7.96	7.24	0.66	0.18	0.12	0.08	0.07	0.00	
28	0.00	0.21	0.19	0.20	5.40	5.56	0.64	0.18	0.12	0.08	0.06	0.00	
29	0.00	0.86	0.24	0.17	3.44	10.60	0.52	0.18	0.12	0.08	0.06	0.00	
30	0.00	0.31	0.19	0.16	3.68	4.48	0.54	0.18	0.11	0.08		0.00	
31		0.18		0.14	4.08		2.08		0.11	0.08		0.00	
Total	0.00	21.35	4.50	5.63	223.47	118.61	93.38	10.40	4.34	2.86	2.16	1.00	487.70 CMSDAY
Mean	0.00	0.69	0.15	0.18	7.21	3.95	3.01	0.35	0.14	0.09	0.07	0.03	1.33 CMS
Max	0.00	4.40	0.35	0.29	44.20	10.60	10.42	0.76	0.18	0.11	0.21	0.21	44.20 CMS
Min	0.00	0.00	0.10	0.14	0.23	1.10	0.52	0.18	0.11	0.08	0.02	0.00	0.00 CMS
Runoff	0.00	1.84	0.39	0.49	19.31	10.25	8.07	0.90	0.37	0.25	0.19	0.09	42.14 MCM
Momentary Peak		66.40			CMS, at 170.60 m. (MSL) , at 15.00 Hours , on Aug 6, 2007								
Runoff Yield		28.43			Liters/Second/Square KM. Momentary Peak Yield 1412.77 Liters/Second/Square KM.								

WATER YEAR : 2007

MUN RIVER BASIN

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

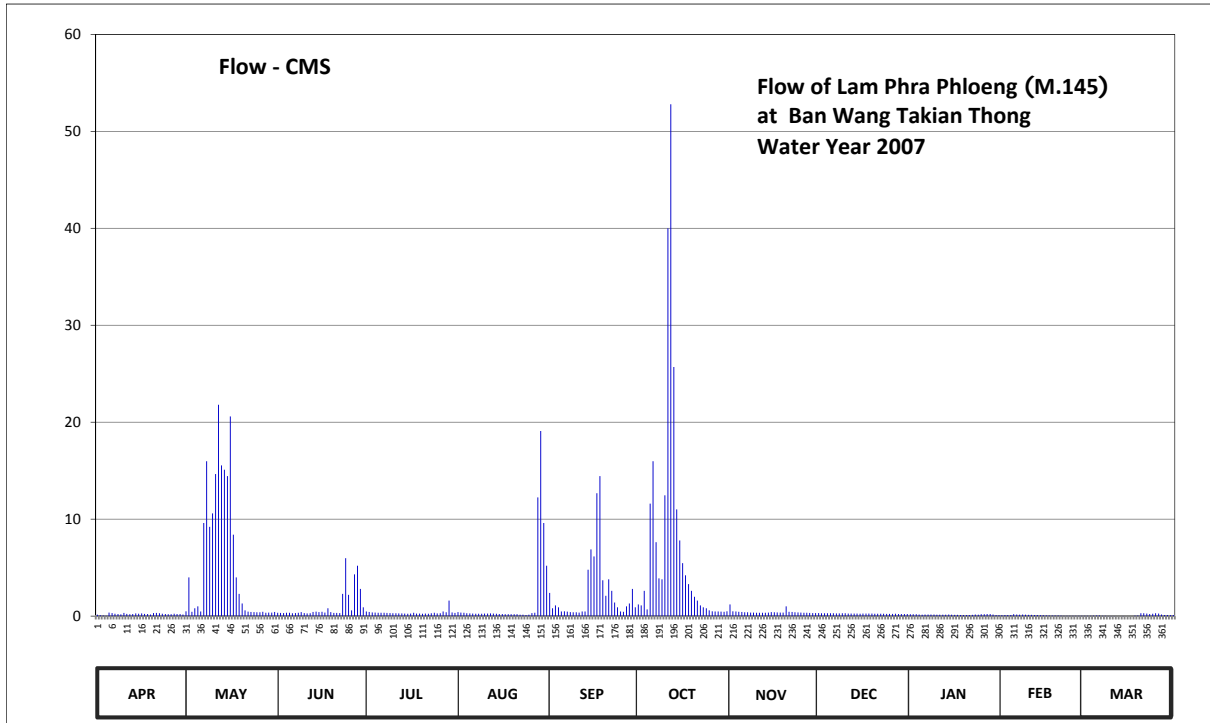
Lat 14 - 29 - 24 N Long 101 - 41 - 14 E

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	+382.990 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 12 meters from the top staff gage.				Elevation	+390.970 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	Rather unstable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 51 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	386.24	386.59	386.45	386.58	386.51	386.79	386.67	386.67	386.41	386.29	386.19	386.14	
2	386.19	386.95	386.43	386.52	386.46	386.63	386.66	386.60	386.40	386.29	386.21	386.13	
3	386.16	386.55	386.41	386.48	386.44	386.66	386.81	386.57	386.39	386.29	386.22	386.13	
4	386.14	386.63	386.45	386.46	386.40	386.64	386.62	386.54	386.39	386.26	386.22	386.15	
5	386.46	386.65	386.45	386.45	386.38	386.57	387.39	386.52	386.39	386.25	386.29	386.17	
6	386.42	386.57	386.40	386.45	386.36	386.59	387.59	386.50	386.39	386.27	386.26	386.16	
7	386.34	387.29	386.41	386.45	386.35	386.56	387.19	386.49	386.38	386.26	386.25	386.14	
8	386.32	387.59	386.44	386.43	386.35	386.51	386.94	386.47	386.38	386.27	386.26	386.13	
9	386.28	387.27	386.51	386.42	386.35	386.49	386.93	386.46	386.39	386.26	386.25	386.12	
10	386.43	387.34	386.42	386.40	386.37	386.50	387.43	386.45	386.39	386.25	386.23	386.11	
11	386.33	387.53	386.38	386.40	386.36	386.47	388.40	386.44	386.37	386.25	386.23	386.11	
12	386.30	387.81	386.40	386.38	386.38	386.57	388.72	386.44	386.37	386.24	386.22	386.10	
13	386.32	387.57	386.52	386.38	386.36	386.58	387.94	386.44	386.36	386.25	386.21	386.09	
14	386.38	387.55	386.56	386.37	386.34	387.02	387.36	386.46	386.36	386.27	386.20	386.11	
15	386.34	387.52	386.51	386.35	386.32	387.15	387.20	386.51	386.35	386.24	386.19	386.10	
16	386.38	387.77	386.54	386.36	386.31	387.11	387.07	386.49	386.36	386.23	386.18	386.09	
17	386.33	387.23	386.47	386.44	386.29	387.44	386.97	386.48	386.37	386.23	386.17	386.09	
18	386.31	386.95	386.63	386.37	386.29	387.52	386.88	386.46	386.36	386.22	386.17	386.15	
19	386.27	386.78	386.51	386.37	386.29	386.92	386.81	386.47	386.36	386.22	386.17	386.17	
20	386.41	386.68	386.43	386.35	386.29	386.76	386.75	386.65	386.35	386.22	386.16	386.39	
21	386.43	386.61	386.43	386.37	386.29	386.93	386.71	386.55	386.35	386.21	386.15	386.40	
22	386.40	386.56	386.41	386.35	386.25	386.81	386.66	386.52	386.34	386.23	386.14	386.36	
23	386.35	386.53	386.78	386.39	386.24	386.69	386.64	386.50	386.35	386.27	386.14	386.31	
24	386.32	386.51	387.10	386.44	386.22	386.64	386.63	386.48	386.33	386.25	386.13	386.34	
25	386.29	386.49	386.77	386.38	386.24	386.58	386.61	386.47	386.33	386.29	386.13	386.40	
26	386.29	386.50	386.61	386.39	386.41	386.54	386.59	386.45	386.33	386.29	386.13	386.36	
27	386.35	386.55	386.98	386.58	386.44	386.65	386.58	386.44	386.35	386.31	386.14	386.27	
28	386.32	386.45	387.05	386.49	387.42	386.68	386.57	386.43	386.32	386.31	386.14	386.22	
29	386.32	386.46	386.83	386.71	387.72	386.83	386.56	386.42	386.31	386.27	386.14	386.21	
30	386.27	386.47	386.64	386.48	387.29	386.64	386.55	386.41	386.32	386.22	386.19	386.19	
31		386.52		386.43	387.05		386.59		386.31	386.20		386.22	
Mean	386.32	386.92	386.56	386.43	386.48	386.75	387.00	386.49	386.36	386.26	386.19	386.20	
Max	386.46	387.81	387.10	386.71	387.72	387.52	388.72	386.67	386.41	386.31	386.29	386.40	388.72
Min	386.14	386.45	386.38	386.35	386.22	386.47	386.55	386.41	386.31	386.20	386.13	386.09	386.09
Annual Max Momentary Gage Height	388.91		m. (MSL.) ,				at 22.00 Hours , on Oct 11, 2007						
Zero Gage at Bottom Elevation	382.99		m. (MSL.) ,			River Bed	385.30	m. (MSL.) ,					
Left Bank Elevation		391.01		m. (MSL.) ,									
Right Bank Elevation		390.39		m. (MSL.) ,		Drainage Are	335	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.14	0.49	0.35	0.48	0.41	2.40	1.20	1.20	0.31	0.19	0.09	0.04	
2	0.09	4.00	0.33	0.42	0.36	0.80	1.10	0.50	0.30	0.19	0.11	0.03	
3	0.06	0.45	0.31	0.38	0.34	1.10	2.60	0.47	0.29	0.19	0.12	0.03	
4	0.04	0.80	0.35	0.36	0.30	0.90	0.70	0.44	0.29	0.16	0.12	0.05	
5	0.36	1.00	0.35	0.35	0.28	0.47	11.60	0.42	0.29	0.15	0.19	0.07	
6	0.32	0.47	0.30	0.35	0.26	0.49	15.98	0.40	0.29	0.17	0.16	0.06	
7	0.24	9.60	0.31	0.35	0.25	0.46	7.62	0.39	0.28	0.16	0.15	0.04	
8	0.22	15.98	0.34	0.33	0.25	0.41	3.90	0.37	0.28	0.17	0.16	0.03	
9	0.18	9.20	0.41	0.32	0.25	0.39	3.80	0.36	0.29	0.16	0.15	0.02	
10	0.33	10.60	0.32	0.30	0.27	0.40	12.46	0.35	0.29	0.15	0.13	0.01	
11	0.23	14.66	0.28	0.30	0.26	0.37	40.00	0.34	0.27	0.15	0.13	0.01	
12	0.20	21.80	0.30	0.28	0.28	0.47	52.80	0.34	0.27	0.14	0.12	0.00	
13	0.22	15.54	0.42	0.28	0.26	0.48	25.70	0.34	0.26	0.15	0.11	0.00	
14	0.28	15.10	0.46	0.27	0.24	4.78	11.00	0.36	0.26	0.17	0.10	0.01	
15	0.24	14.44	0.41	0.25	0.22	6.88	7.80	0.41	0.25	0.14	0.09	0.00	
16	0.28	20.60	0.44	0.26	0.21	6.15	5.46	0.39	0.26	0.13	0.08	0.00	
17	0.23	8.40	0.37	0.34	0.19	12.68	4.20	0.38	0.27	0.13	0.07	0.00	
18	0.21	4.00	0.80	0.27	0.19	14.44	3.30	0.36	0.26	0.12	0.07	0.05	
19	0.17	2.30	0.41	0.27	0.19	3.70	2.60	0.37	0.26	0.12	0.07	0.07	
20	0.31	1.30	0.33	0.25	0.19	2.10	2.00	1.00	0.25	0.12	0.06	0.29	
21	0.33	0.60	0.33	0.27	0.19	3.80	1.60	0.45	0.25	0.11	0.05	0.30	
22	0.30	0.46	0.31	0.25	0.15	2.60	1.10	0.42	0.24	0.13	0.04	0.26	
23	0.25	0.43	2.30	0.29	0.14	1.40	0.90	0.40	0.25	0.17	0.04	0.21	
24	0.22	0.41	5.97	0.34	0.12	0.90	0.80	0.38	0.23	0.15	0.03	0.24	
25	0.19	0.39	2.20	0.28	0.14	0.48	0.60	0.37	0.23	0.19	0.03	0.30	
26	0.19	0.40	0.60	0.29	0.31	0.44	0.49	0.35	0.23	0.19	0.03	0.26	
27	0.25	0.45	4.30	0.48	0.34	1.00	0.48	0.34	0.25	0.21	0.04	0.17	
28	0.22	0.35	5.19	0.39	12.24	1.30	0.47	0.33	0.22	0.21	0.04	0.12	
29	0.22	0.36	2.80	1.60	19.10	2.80	0.46	0.32	0.21	0.17	0.04	0.11	
30	0.17	0.37	0.90	0.38	9.60	0.90	0.45	0.31	0.22	0.12		0.09	
31		0.42		0.33	5.19		0.49		0.21	0.10		0.12	
Total	6.69	175.37	32.49	11.31	52.72	75.49	223.66	12.86	8.06	4.81	2.62	2.99	609.07 CMSDAY
Mean	0.22	5.66	1.08	0.36	1.70	2.52	7.21	0.43	0.26	0.16	0.09	0.10	1.66 CMS
Max	0.36	21.80	5.97	1.60	19.10	14.44	52.80	1.20	0.31	0.21	0.19	0.30	52.80 CMS
Min	0.04	0.35	0.28	0.25	0.12	0.37	0.45	0.31	0.21	0.10	0.03	0.00	0.00 CMS
Runoff	0.58	15.15	2.81	0.98	4.56	6.52	19.32	1.11	0.70	0.42	0.23	0.26	52.62 MCM
Momentary Peak	60.40	CMS, at 388.91 m. (MSL.) , at 22.00 Hours , on Oct 11, 2007											
Runoff Yield	4.98	Liters/Second/Square KM.		Momentary Peak Yield		180.30	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Mun River at Ban Kra Bueang Noi, Nakhon Ratchasima (M.151)

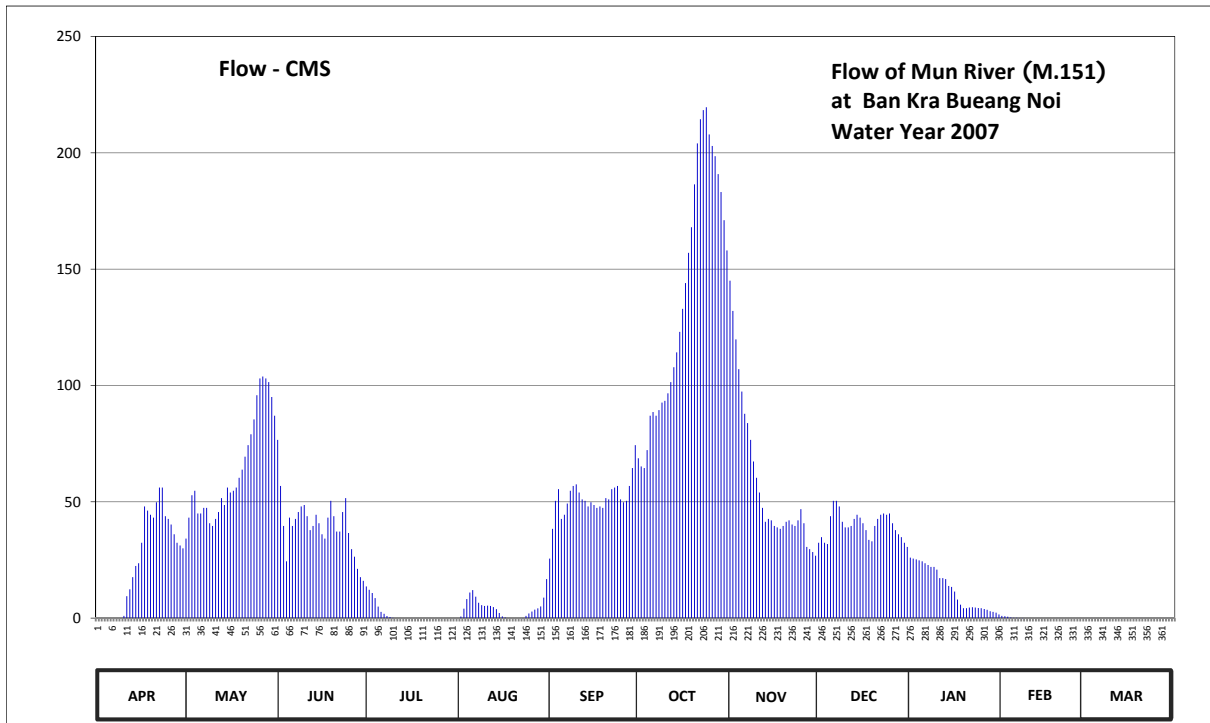
Lat 15 - 13 - 12 N Long 102 - 28 - 22 E

Location : on right bank at the bridge on Nakhon Ratchasima - Phimai Highway.

	Ban	Kra Bueang Noi	Amphoe	Phimai	Changwat	Nakhon Ratchasima
Drainage Area	11,509	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+149.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 35 meters from the measuring line.				Elevation	+152.190 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	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 +153.170 m.(MSL.), records are channel flow only.					
General Description	Records good. Stage-discharge relation defined by 16 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	149.60	152.27	152.92	151.78	150.06	152.09	152.81	153.74	152.24	152.10	150.79	149.71	
2	149.59	152.42	152.64	151.71	150.66	152.34	152.76	153.60	152.28	152.09	150.73	149.65	
3	149.70	152.58	152.36	151.64	151.17	152.54	152.75	153.46	152.24	152.08	150.64	149.65	
4	149.93	152.61	152.06	151.53	151.51	152.62	152.86	153.30	152.23	152.07	150.52	149.64	
5	150.00	152.45	152.42	151.27	151.65	152.41	153.05	153.18	152.43	152.06	150.46	149.61	
6	149.99	152.45	152.36	151.00	151.70	152.44	153.07	153.06	152.54	152.04	150.44	149.59	
7	150.01	152.49	152.41	150.90	151.56	152.52	153.05	153.01	152.54	152.02	150.42	149.55	
8	150.02	152.49	152.46	150.75	151.43	152.61	153.08	152.92	152.50	152.00	150.41	149.54	
9	150.21	152.38	152.50	150.58	151.35	152.64	153.12	152.79	152.39	152.00	150.37	149.52	
10	150.77	152.36	152.51	150.44	151.31	152.65	153.13	152.69	152.35	151.97	150.35	149.50	
11	151.57	152.41	152.43	150.22	151.32	152.60	153.17	152.60	152.35	151.88	150.33	149.49	
12	151.72	152.46	152.33	150.13	151.31	152.55	153.23	152.49	152.36	151.88	150.24	149.48	
13	151.89	152.56	152.36	149.99	151.25	152.54	153.31	152.39	152.41	151.87	150.19	149.45	
14	152.01	152.51	152.44	149.87	151.14	152.50	153.39	152.41	152.44	151.79	150.13	149.43	
15	152.04	152.63	152.38	149.87	150.94	152.53	153.50	152.40	152.42	151.77	150.06	149.42	
16	152.24	152.60	152.30	149.83	150.70	152.51	153.61	152.36	152.38	151.67	149.99	149.40	
17	152.50	152.61	152.27	149.81	150.52	152.49	153.73	152.35	152.33	151.50	149.95	149.39	
18	152.47	152.63	152.42	149.79	150.30	152.50	153.86	152.34	152.26	151.37	149.91	149.37	
19	152.44	152.69	152.54	149.77	150.10	152.49	153.97	152.36	152.25	151.19	149.86	149.35	
20	152.42	152.74	152.43	149.75	149.99	152.56	154.14	152.39	152.36	151.19	149.84	149.34	
21	152.53	152.82	152.32	149.73	149.94	152.55	154.30	152.40	152.41	151.22	149.82	149.34	
22	152.63	152.89	152.32	149.73	150.02	152.62	154.38	152.37	152.44	151.24	149.80	149.33	
23	152.63	152.95	152.46	149.83	150.42	152.63	154.41	152.36	152.45	151.22	149.79	149.32	
24	152.43	153.03	152.56	150.02	150.77	152.64	154.42	152.40	152.44	151.20	149.77	149.30	
25	152.41	153.16	152.31	150.07	150.92	152.55	154.33	152.48	152.45	151.19	149.76	149.30	
26	152.37	153.25	152.19	150.02	151.02	152.53	154.29	152.38	152.38	151.15	149.74	149.30	
27	152.30	153.26	152.11	149.95	151.12	152.54	154.25	152.21	152.33	151.11	149.74	149.31	
28	152.24	153.25	151.98	149.89	151.18	152.64	154.18	152.19	152.30	151.03	149.73	149.32	
29	152.22	153.23	151.89	149.88	151.28	152.75	154.11	152.16	152.28	151.00	149.73	149.29	
30	152.20	153.15	151.85	149.85	151.54	152.89	154.00	152.12	152.24	150.96	149.72	149.28	
31		153.05		149.82	151.87		153.87		152.21	150.87		149.30	
Mean	151.50	152.72	152.35	150.30	150.97	152.55	153.62	152.63	152.36	151.57	150.12	149.43	
Max	152.63	153.26	152.92	151.78	151.87	152.89	154.42	153.74	152.54	152.10	150.79	149.71	154.42
Min	149.59	152.27	151.85	149.73	149.94	152.09	152.75	152.12	152.21	150.87	149.73	149.28	149.28
Annual Max Momentary Gage Height	154.48		m. (MSL.) ,			at 06.00 Hours ,	on Oct 24, 2007						
Zero Gage at Bottom Elevation	149.00		m. (MSL.) ,			River Bed	148.39	m. (MSL.)					
Left Bank Elevation		153.33		m. (MSL.) ,									
Right Bank Elevation		153.16		m. (MSL.) ,		Drainage Are	11,509	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	34.20	76.60	13.60	0.00	25.60	68.70	145.00	32.40	26.00	0.98	0.00		
2	0.00	43.20	56.80	12.20	0.65	38.40	65.20	132.00	34.80	25.60	0.83	0.00		
3	0.00	52.80	39.60	10.80	4.08	50.40	64.50	119.80	32.40	25.20	0.60	0.00		
4	0.00	54.70	24.40	8.60	8.20	55.40	72.20	107.00	31.80	24.80	0.30	0.00		
5	0.00	45.00	43.20	4.92	11.00	42.60	87.00	97.40	43.80	24.40	0.15	0.00		
6	0.00	45.00	39.60	2.67	12.00	44.40	88.60	87.80	50.40	23.60	0.10	0.00		
7	0.00	47.40	42.60	1.83	9.20	49.20	87.00	83.80	50.40	22.80	0.05	0.00		
8	0.00	47.40	45.60	0.88	6.60	54.70	89.40	76.60	48.00	22.00	0.03	0.00		
9	0.00	40.80	48.00	0.45	5.58	56.80	92.60	67.30	41.40	22.00	0.00	0.00		
10	0.93	39.60	48.60	0.10	5.25	57.50	93.40	60.30	39.00	20.80	0.00	0.00		
11	9.40	42.60	43.80	0.00	5.33	54.00	96.60	54.00	39.00	17.20	0.00	0.00		
12	12.40	45.60	37.80	0.00	5.25	51.00	101.40	47.40	39.60	17.20	0.00	0.00		
13	17.60	51.60	39.60	0.00	4.75	50.40	107.80	41.40	42.60	16.80	0.00	0.00		
14	22.40	48.60	44.40	0.00	3.83	48.00	114.20	42.60	44.40	13.80	0.00	0.00		
15	23.60	56.10	40.80	0.00	2.17	49.80	123.00	42.00	43.20	13.40	0.00	0.00		
16	32.40	54.00	36.00	0.00	0.75	48.60	132.90	39.60	40.80	11.40	0.00	0.00		
17	48.00	54.70	34.20	0.00	0.30	47.40	144.00	39.00	37.80	8.00	0.00	0.00		
18	46.20	56.10	43.20	0.00	0.00	48.00	157.00	38.40	33.60	5.75	0.00	0.00		
19	44.40	60.30	50.40	0.00	0.00	47.40	168.00	39.60	33.00	4.25	0.00	0.00		
20	43.20	63.80	43.80	0.00	0.00	51.60	186.40	41.40	39.60	4.25	0.00	0.00		
21	49.80	69.40	37.20	0.00	0.00	51.00	204.00	42.00	42.60	4.50	0.00	0.00		
22	56.10	74.30	37.20	0.00	0.00	55.40	214.40	40.20	44.40	4.67	0.00	0.00		
23	56.10	79.00	45.60	0.00	0.05	56.10	218.30	39.60	45.00	4.50	0.00	0.00		
24	43.80	85.40	51.60	0.00	0.93	56.80	219.60	42.00	44.40	4.33	0.00	0.00		
25	42.60	95.80	36.60	0.00	2.00	51.00	207.90	46.80	45.00	4.25	0.00	0.00		
26	40.20	103.00	29.60	0.00	2.83	49.80	202.90	40.80	40.80	3.92	0.00	0.00		
27	36.00	103.80	26.40	0.00	3.67	50.40	198.50	30.60	37.80	3.58	0.00	0.00		
28	32.40	103.00	21.20	0.00	4.17	56.80	190.80	29.60	36.00	2.92	0.00	0.00		
29	31.20	101.40	17.60	0.00	5.00	64.50	183.10	28.40	34.80	2.67	0.00	0.00		
30	30.00	95.00	16.00	0.00	8.80	74.30	171.00	26.80	32.40	2.33	0.00	0.00		
31		87.00		0.00	16.80		158.00		30.60	1.58		0.00		
Total	718.73	1980.60	1198.00	56.05	129.19	1537.30	4308.40	1769.20	1231.80	388.50	3.04	0.00	13320.81	CMSDAY
Mean	23.96	63.89	39.93	1.81	4.17	51.24	138.98	58.97	39.74	12.53	0.10	0.00	36.40	CMS
Max	56.10	103.80	76.60	13.60	16.80	74.30	219.60	145.00	50.40	26.00	0.98	0.00	219.60	CMS
Min	0.00	34.20	16.00	0.00	0.00	25.60	64.50	26.80	30.60	1.58	0.00	0.00	0.00	CMS
Runoff	62.10	171.12	103.51	4.84	11.16	132.82	372.25	152.86	106.43	33.57	0.26	0.00	1150.92	MCM
Momentary Peak	227.40	CMS, at 154.48 m. (MSL.)	at 06.00 Hours	on Oct 24, 2007										
Runoff Yield	3.17	Liters/Second/Square KM.			Momentary Peak Yield	19.76	Liters/Second/Square KM.							

WATER YEAR : 2007

MUN RIVER BASIN

Huai Bon at Ban Phon Thong, Ubon Ratchathani (M.152)

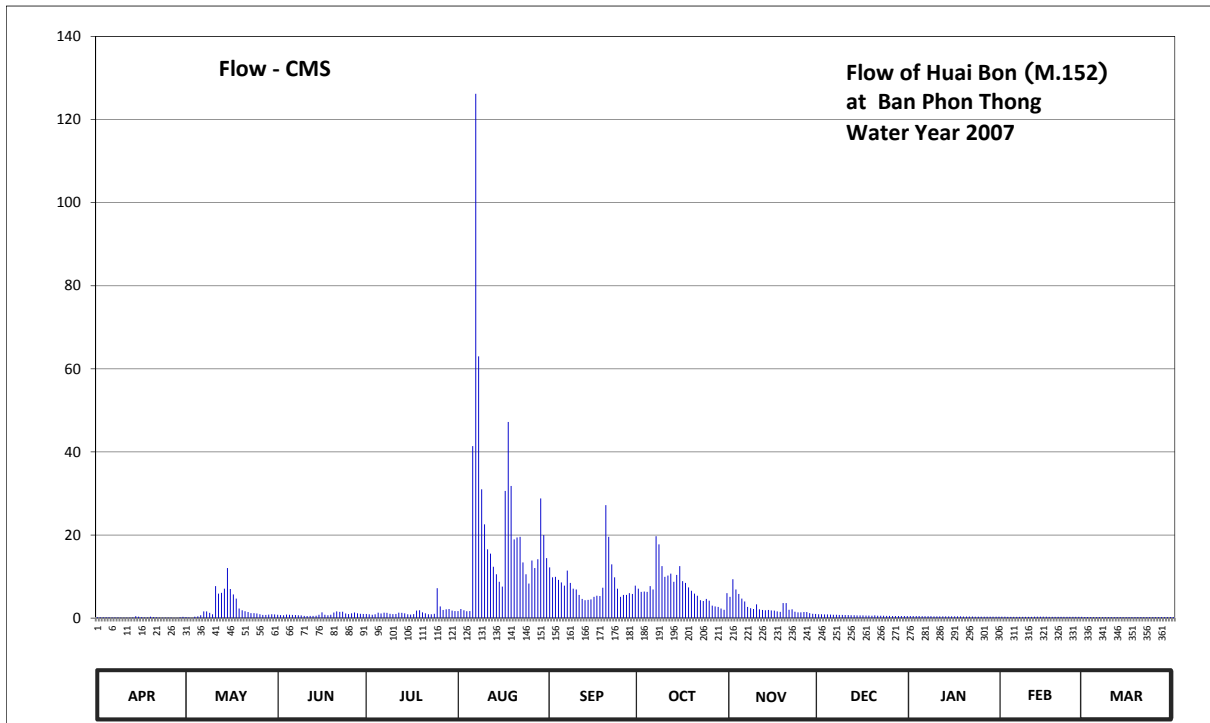
Lat 14 - 27 - 47 N Long 105 - 06 - 19 E

Location : on left bank at the bridge on road.

	Ban Phon Thong	Amphoe Nam Yuen	Changwat Ubon Ratchathani
Drainage Area	214 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+147.530 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream at the footpath of the bridge.	Elevation +157.250 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	Stable with variable water surface slope.		
Overbank Flow Conditions	Overbank flow starts at elevation +153.220 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 59 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	148.56	148.57	148.75	148.80	148.94	149.88	149.51	149.31	148.78	148.66	148.61	148.59	
2	148.56	148.55	148.73	148.78	149.02	149.72	149.43	149.69	148.78	148.66	148.61	148.59	
3	148.56	148.53	148.72	148.75	148.98	149.73	149.44	149.49	148.77	148.66	148.60	148.58	
4	148.56	148.62	148.76	148.78	148.93	149.68	149.43	149.38	148.77	148.66	148.60	148.58	
5	148.56	148.64	148.75	148.86	148.94	149.64	149.57	149.27	148.76	148.65	148.60	148.57	
6	148.55	148.72	148.74	148.82	151.57	149.58	149.49	149.20	148.75	148.65	148.60	148.57	
7	148.55	148.92	148.73	148.86	154.85	149.83	150.38	149.07	148.75	148.65	148.60	148.57	
8	148.55	148.92	148.72	148.85	152.64	149.63	150.25	149.04	148.74	148.65	148.60	148.58	
9	148.54	148.85	148.71	148.81	151.05	149.51	149.90	149.02	148.74	148.64	148.60	148.58	
10	148.54	148.78	148.68	148.79	150.57	149.49	149.73	149.13	148.73	148.64	148.60	148.58	
11	148.54	149.57	148.67	148.80	150.17	149.36	149.75	149.01	148.73	148.64	148.60	148.58	
12	148.54	149.39	148.68	148.86	150.10	149.26	149.78	148.99	148.72	148.64	148.61	148.58	
13	148.55	149.41	148.68	148.85	149.89	149.23	149.65	148.98	148.72	148.64	148.62	148.58	
14	148.65	149.51	148.69	148.83	149.77	149.24	149.76	148.99	148.71	148.64	148.62	148.58	
15	148.62	149.87	148.75	148.78	149.65	149.25	149.90	148.97	148.71	148.64	148.61	148.58	
16	148.57	149.50	148.88	148.76	149.56	149.31	149.66	148.96	148.71	148.64	148.61	148.57	
17	148.55	149.37	148.75	148.79	151.03	149.34	149.63	148.92	148.70	148.64	148.60	148.57	
18	148.55	149.27	148.72	148.96	151.86	149.33	149.54	148.90	148.70	148.64	148.60	148.57	
19	148.61	149.03	148.75	148.98	151.09	149.53	149.46	149.16	148.69	148.63	148.60	148.57	
20	148.57	148.98	148.87	148.88	150.33	150.86	149.39	149.16	148.71	148.63	148.60	148.57	
21	148.56	148.93	148.92	148.83	150.36	150.37	149.34	149.00	148.69	148.63	148.60	148.57	
22	148.54	148.89	148.90	148.78	150.37	149.93	149.23	149.01	148.69	148.63	148.60	148.57	
23	148.54	148.84	148.91	148.78	149.96	149.72	149.21	148.91	148.69	148.62	148.60	148.57	
24	148.54	148.84	148.82	148.81	149.77	149.51	149.26	148.88	148.68	148.62	148.60	148.57	
25	148.54	148.82	148.79	149.52	149.62	149.31	149.22	148.88	148.68	148.61	148.60	148.58	
26	148.54	148.78	148.83	149.08	149.99	149.36	149.10	148.89	148.67	148.61	148.60	148.57	
27	148.53	148.74	148.87	148.99	149.87	149.36	149.08	148.89	148.67	148.61	148.60	148.57	
28	148.53	148.74	148.83	149.01	150.01	149.40	149.07	148.84	148.67	148.61	148.60	148.57	
29	148.56	148.76	148.81	149.02	150.94	149.38	149.03	148.81	148.66	148.61	148.60	148.58	
30	148.60	148.78	148.80	148.96	150.40	149.58	149.00	148.80	148.66	148.61	148.60	148.58	
31		148.77		148.94	150.03		149.40		148.66	148.61		148.58	
Mean	148.56	148.96	148.77	148.88	150.33	149.58	149.50	149.05	148.71	148.63	148.60	148.58	
Max	148.65	149.87	148.92	149.52	154.85	150.86	150.38	149.69	148.78	148.66	148.62	148.59	154.85
Min	148.53	148.53	148.67	148.75	148.93	149.23	149.00	148.80	148.66	148.61	148.60	148.57	148.53
Annual Max Momentary Gage Height	155.39		m. (MSL.) ,			at 09.00 Hours , on Aug 7, 2007							
Zero Gage at Bottom Elevation	147.53		m. (MSL.) ,			River Bed 147.86		m. (MSL.) ,					
Left Bank Elevation		154.01		m. (MSL.) ,									
Right Bank Elevation		153.21		m. (MSL.) ,		Drainage Are	214	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	0.21	0.80	1.00	1.70	12.20	7.10	5.10	0.92	0.48	0.33	0.27	
2	0.18	0.15	0.72	0.92	2.20	9.80	6.30	9.35	0.92	0.48	0.33	0.27	
3	0.18	0.09	0.68	0.80	1.90	9.95	6.40	6.90	0.88	0.48	0.30	0.24	
4	0.18	0.36	0.84	0.92	1.65	9.20	6.30	5.80	0.88	0.48	0.30	0.24	
5	0.18	0.42	0.80	1.30	1.70	8.60	7.70	4.70	0.84	0.45	0.30	0.21	
6	0.15	0.68	0.76	1.10	41.40	7.80	6.90	4.00	0.80	0.45	0.30	0.21	
7	0.15	1.60	0.72	1.30	126.20	11.45	19.70	2.70	0.80	0.45	0.30	0.21	
8	0.15	1.60	0.68	1.25	63.00	8.45	17.75	2.40	0.76	0.45	0.30	0.24	
9	0.12	1.25	0.64	1.05	31.00	7.10	12.50	2.20	0.76	0.42	0.30	0.24	
10	0.12	0.92	0.54	0.96	22.55	6.90	9.95	3.30	0.72	0.42	0.30	0.24	
11	0.12	7.70	0.51	1.00	16.55	5.60	10.25	2.10	0.72	0.42	0.30	0.24	
12	0.12	5.90	0.54	1.30	15.50	4.60	10.70	1.95	0.68	0.42	0.33	0.24	
13	0.15	6.10	0.54	1.25	12.35	4.30	8.75	1.90	0.68	0.42	0.36	0.24	
14	0.45	7.10	0.57	1.15	10.55	4.40	10.40	1.95	0.64	0.42	0.36	0.24	
15	0.36	12.05	0.80	0.92	8.75	4.50	12.50	1.85	0.64	0.42	0.33	0.24	
16	0.21	7.00	1.40	0.84	7.60	5.10	8.90	1.80	0.64	0.42	0.33	0.21	
17	0.15	5.70	0.80	0.96	30.60	5.40	8.45	1.60	0.60	0.42	0.30	0.21	
18	0.15	4.70	0.68	1.80	47.20	5.30	7.40	1.50	0.60	0.42	0.30	0.21	
19	0.33	2.30	0.80	1.90	31.80	7.30	6.60	3.60	0.57	0.39	0.30	0.21	
20	0.21	1.90	1.35	1.40	18.95	27.20	5.90	3.60	0.64	0.39	0.30	0.21	
21	0.18	1.65	1.60	1.15	19.40	19.55	5.40	2.00	0.57	0.39	0.30	0.21	
22	0.12	1.45	1.50	0.92	19.55	12.95	4.30	2.10	0.57	0.39	0.30	0.21	
23	0.12	1.20	1.55	0.92	13.40	9.80	4.10	1.55	0.57	0.36	0.30	0.21	
24	0.12	1.20	1.10	1.05	10.55	7.10	4.60	1.40	0.54	0.36	0.30	0.21	
25	0.12	1.10	0.96	7.20	8.30	5.10	4.20	1.40	0.54	0.33	0.30	0.24	
26	0.12	0.92	1.15	2.80	13.85	5.60	3.00	1.45	0.51	0.33	0.30	0.21	
27	0.09	0.76	1.35	1.95	12.05	5.60	2.80	1.45	0.51	0.33	0.30	0.21	
28	0.09	0.76	1.15	2.10	14.15	6.00	2.70	1.20	0.51	0.33	0.30	0.21	
29	0.18	0.84	1.05	2.20	28.80	5.80	2.30	1.05	0.48	0.33	0.30	0.24	
30	0.30	0.92	1.00	1.80	20.00	7.80	2.00	1.00	0.48	0.33		0.24	
31		0.88		1.70	14.45		6.00		0.48	0.33		0.24	
Total	5.28	79.41	27.58	46.91	667.65	250.45	231.85	82.90	20.45	12.51	8.97	7.05	1441.01 CMSDAY
Mean	0.18	2.56	0.92	1.51	21.54	8.35	7.48	2.76	0.66	0.40	0.31	0.23	3.94 CMS
Max	0.45	12.05	1.60	7.20	126.20	27.20	19.70	9.35	0.92	0.48	0.36	0.27	126.20 CMS
Min	0.09	0.09	0.51	0.80	1.65	4.30	2.00	1.00	0.48	0.33	0.30	0.21	0.09 CMS
Runoff	0.46	6.86	2.38	4.05	57.68	21.64	20.03	7.16	1.77	1.08	0.78	0.61	124.50 MCM
Momentary Peak	143.48	CMS, at 155.39 m. (MSL.) , at 09.00 Hours , on Aug 7 , 2007											
Runoff Yield	18.45	Liters/Second/Square KM. Momentary Peak Yield 670.47 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Lam Dom Yai at Ban Kut Chiang Mun, Ubon Ratchathani (M.153)

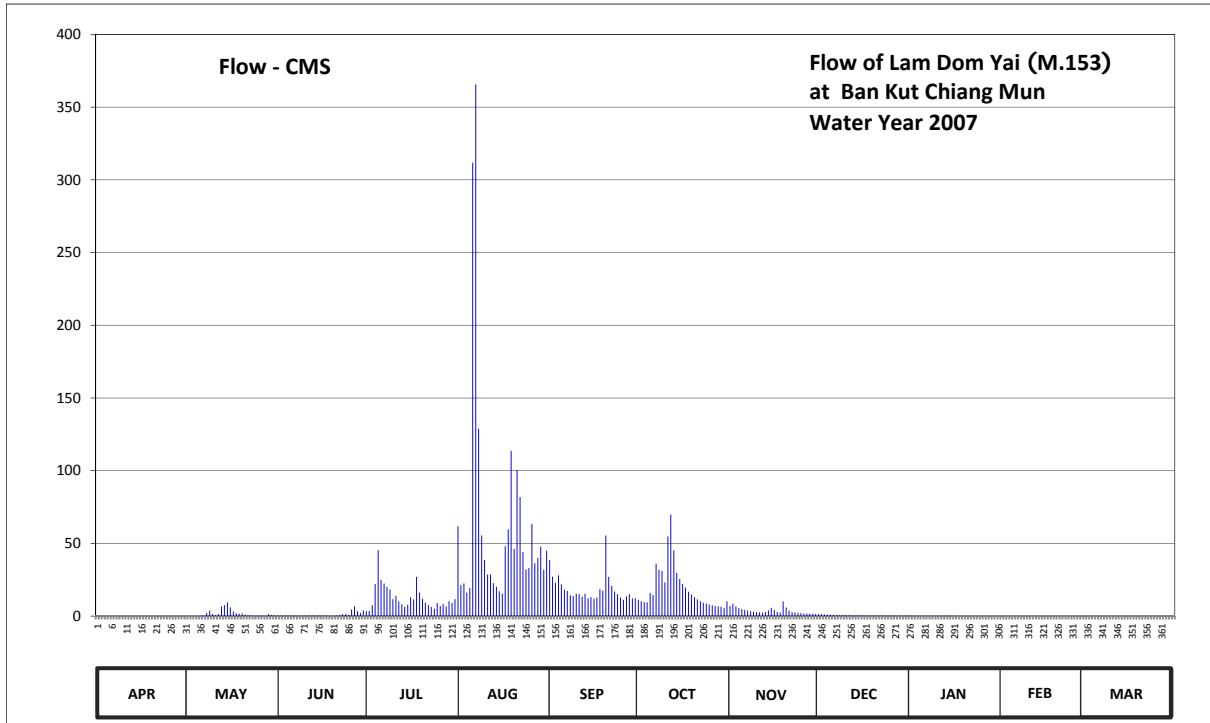
Lat 14 - 26 - 41 N Long 105 - 07 - 30 E

Location : on right bank at the bridge on road.

	Ban	Kut Chiang Mun	Amphoe	Nam Yuen	Changwat	Ubun Ratchathani
Drainage Area	373	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+144.270 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank downstream at the footpath of the bridge.				Elevation	+155.420 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	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 +150.440 m.(MSL.), records are channel flow only.					
General Description	Records good. Stage-discharge relation defined by 66 discharge measurements made in 2007.					

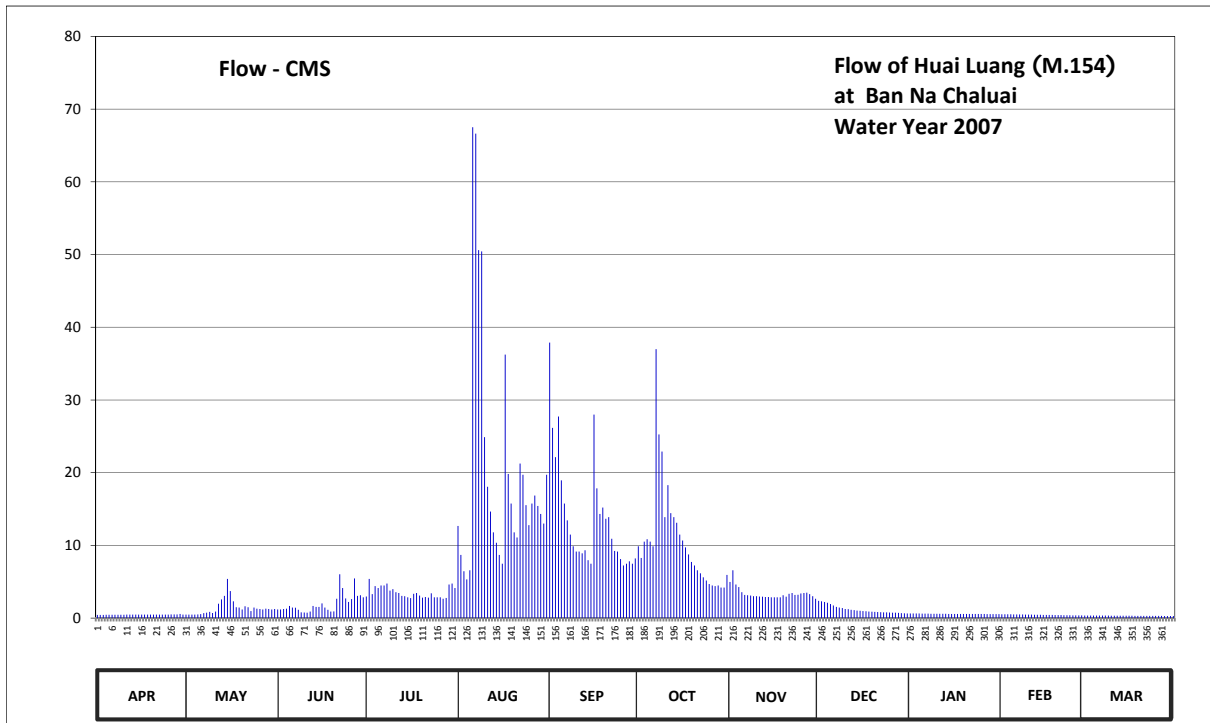
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	144.90	144.86	145.13	145.56	148.33	147.46	146.05	145.78	145.33	145.03	144.91	144.86	
2	144.89	144.86	145.09	145.57	146.62	146.94	145.99	145.88	145.31	145.03	144.91	144.86	
3	144.88	144.85	145.07	145.82	146.68	146.71	145.95	145.77	145.29	145.02	144.91	144.86	
4	144.87	144.90	145.10	146.66	146.33	146.99	145.94	145.69	145.29	145.02	144.90	144.86	
5	144.87	144.88	145.07	147.73	146.50	146.65	146.32	145.65	145.27	145.01	144.90	144.86	
6	144.85	144.97	145.07	146.82	151.57	146.44	146.24	145.62	145.25	145.01	144.90	144.86	
7	144.84	145.04	145.07	146.68	151.99	146.39	147.36	145.58	145.24	145.01	144.88	144.86	
8	144.84	145.44	145.07	146.55	149.82	146.23	147.17	145.56	145.23	145.00	144.88	144.86	
9	144.83	145.58	145.06	146.45	148.13	146.20	147.14	145.54	145.23	145.00	144.88	144.86	
10	144.83	145.36	145.06	146.08	147.47	146.29	146.72	145.52	145.22	145.00	144.88	144.86	
11	144.82	145.23	145.03	146.21	147.02	146.27	148.11	145.51	145.20	144.99	144.87	144.85	
12	144.82	145.34	145.13	145.98	147.02	146.17	148.58	145.49	145.18	144.98	144.87	144.85	
13	144.86	145.76	145.12	145.86	146.69	146.29	147.73	145.53	145.17	144.98	144.87	144.85	
14	144.85	145.82	145.09	145.75	146.56	146.11	147.07	145.60	145.16	144.97	144.87	144.85	
15	144.85	145.94	145.19	145.84	146.38	146.16	146.85	145.71	145.15	144.96	144.87	144.85	
16	144.84	145.73	145.17	146.15	146.29	146.10	146.66	145.62	145.14	144.96	144.87	144.85	
17	144.84	145.55	145.10	146.07	147.84	146.14	146.52	145.53	145.13	144.95	144.87	144.85	
18	144.83	145.43	145.05	146.93	148.26	146.46	146.37	145.50	145.12	144.95	144.87	144.85	
19	144.87	145.37	145.02	146.34	149.61	146.41	146.26	145.98	145.11	144.94	144.86	144.85	
20	144.85	145.41	145.01	146.09	147.77	148.13	146.16	145.72	145.11	144.94	144.86	144.85	
21	144.84	145.26	145.19	145.93	149.36	146.93	146.07	145.59	145.10	144.93	144.86	144.85	
22	144.83	145.17	145.22	145.82	148.92	146.59	145.99	145.52	145.09	144.93	144.86	144.85	
23	144.83	145.11	145.31	145.74	147.68	146.37	145.93	145.51	145.09	144.92	144.86	144.85	
24	144.83	145.08	145.34	145.67	147.18	146.27	145.89	145.49	145.08	144.92	144.86	144.86	
25	144.83	145.06	145.22	145.91	147.22	146.14	145.85	145.44	145.08	144.92	144.86	144.86	
26	144.82	145.04	145.63	145.78	148.38	146.05	145.81	145.40	145.07	144.92	144.86	144.87	
27	144.82	145.03	145.77	145.87	147.37	146.19	145.78	145.39	145.07	144.92	144.85	144.87	
28	144.82	145.02	145.56	145.76	147.52	146.27	145.77	145.39	145.06	144.92	144.85	144.87	
29	144.83	145.36	145.46	145.99	147.83	146.11	145.75	145.37	145.05	144.92	144.85	144.86	
30	144.90	145.24	145.59	145.91	147.17	146.12	145.69	145.33	145.05	144.92	144.85	144.85	
31		145.16		146.08	147.72		145.98		145.04	144.92		144.85	
Mean	144.85	145.25	145.20	146.12	147.85	146.45	146.44	145.57	145.16	144.96	144.87	144.86	
Max	144.90	145.94	145.77	147.73	151.99	148.13	148.58	145.98	145.33	145.03	144.91	144.87	151.99
Min	144.82	144.85	145.01	145.56	146.29	146.05	145.69	145.33	145.04	144.92	144.85	144.85	144.82
Annual Max Momentary Gage Height	152.97		m. (MSL.) ,				at 18.00 Hours , on Aug 6, 2007						
Zero Gage at Bottom Elevation	144.27		m. (MSL.) ,			River Bed	144.73	m. (MSL.)					
Left Bank Elevation		150.83		m. (MSL.) ,									
Right Bank Elevation		150.43		m. (MSL.) ,		Drainage Are	373	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.08	0.46	3.36	61.86	38.50	11.20	6.88	1.38	0.26	0.11	0.08	
2	0.10	0.08	0.38	3.52	21.36	27.12	10.24	8.48	1.26	0.26	0.11	0.08	
3	0.09	0.08	0.34	7.52	22.44	22.98	9.60	6.72	1.14	0.24	0.11	0.08	
4	0.09	0.10	0.40	22.08	16.14	28.02	9.44	5.44	1.14	0.24	0.10	0.08	
5	0.09	0.09	0.34	45.25	19.20	21.90	15.96	4.80	1.02	0.22	0.10	0.08	
6	0.08	0.17	0.34	24.96	311.70	18.12	14.52	4.32	0.90	0.22	0.10	0.08	
7	0.07	0.28	0.34	22.44	365.70	17.22	36.12	3.68	0.84	0.22	0.09	0.08	
8	0.07	2.04	0.34	20.10	128.80	14.34	31.94	3.36	0.78	0.20	0.09	0.08	
9	0.07	3.68	0.32	18.30	55.46	13.80	31.28	3.04	0.78	0.20	0.09	0.08	
10	0.07	1.56	0.32	11.68	38.75	15.42	23.16	2.72	0.72	0.20	0.09	0.08	
11	0.06	0.78	0.26	13.98	28.64	15.06	54.82	2.56	0.60	0.19	0.09	0.08	
12	0.06	1.44	0.46	10.08	28.64	13.26	69.86	2.34	0.56	0.18	0.09	0.08	
13	0.08	6.56	0.44	8.16	22.62	15.42	45.25	2.88	0.54	0.18	0.09	0.08	
14	0.08	7.52	0.38	6.40	20.28	12.18	29.74	4.00	0.52	0.17	0.09	0.08	
15	0.08	9.44	0.58	7.84	17.04	13.08	25.50	5.76	0.50	0.16	0.09	0.08	
16	0.07	6.08	0.54	12.90	15.42	12.00	22.08	4.32	0.48	0.16	0.09	0.08	
17	0.07	3.20	0.40	11.52	48.00	12.72	19.56	2.88	0.46	0.15	0.09	0.08	
18	0.07	1.98	0.30	26.94	59.62	18.48	16.86	2.40	0.44	0.15	0.09	0.08	
19	0.09	1.62	0.24	16.32	113.70	17.58	14.88	10.08	0.42	0.14	0.08	0.08	
20	0.08	1.86	0.22	11.84	46.25	55.46	13.08	5.92	0.42	0.14	0.08	0.08	
21	0.07	0.96	0.58	9.28	100.52	26.94	11.52	3.84	0.40	0.13	0.08	0.08	
22	0.07	0.54	0.72	7.52	81.82	20.82	10.24	2.72	0.38	0.13	0.08	0.08	
23	0.07	0.42	1.26	6.24	44.00	16.86	9.28	2.56	0.38	0.12	0.08	0.08	
24	0.07	0.36	1.44	5.12	32.16	15.06	8.64	2.34	0.36	0.12	0.08	0.08	
25	0.07	0.32	0.72	8.96	33.04	12.72	8.00	2.04	0.36	0.12	0.08	0.08	
26	0.06	0.28	4.48	6.88	63.46	11.20	7.36	1.80	0.34	0.12	0.08	0.09	
27	0.06	0.26	6.72	8.32	36.34	13.62	6.88	1.74	0.34	0.12	0.08	0.09	
28	0.06	0.24	3.36	6.56	40.00	15.06	6.72	1.74	0.32	0.12	0.08	0.09	
29	0.07	1.56	2.16	10.24	47.75	12.18	6.40	1.62	0.30	0.12	0.08	0.08	
30	0.10	0.84	3.84	8.96	31.94	12.36	5.44	1.38	0.30	0.12		0.08	
31		0.52		11.68	45.00		10.08		0.28	0.12		0.08	
Total	2.27	54.94	32.68	394.95	1997.65	559.48	595.65	114.36	18.66	5.22	2.59	2.51	3780.96 CMSDAY
Mean	0.08	1.77	1.09	12.74	64.44	18.65	19.21	3.81	0.60	0.17	0.09	0.08	10.33 CMS
Max	0.10	9.44	6.72	45.25	365.70	55.46	69.86	10.08	1.38	0.26	0.11	0.09	365.70 CMS
Min	0.06	0.08	0.22	3.36	15.42	11.20	5.44	1.38	0.28	0.12	0.08	0.08	0.06 CMS
Runoff	0.20	4.75	2.82	34.12	172.60	48.34	51.46	9.88	1.61	0.45	0.22	0.22	326.67 MCM
Momentary Peak	498.80	CMS, at 152.97 m. (MSL.), at 18.00 Hours, on Aug 6, 2007											
Runoff Yield	27.77	Liters/Second/Square KM.		Momentary Peak Yield		1337.27	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.44	0.48	1.18	2.98	12.68	37.90	9.88	4.97	2.38	0.64	0.52	0.36	
2	0.44	0.48	1.18	5.39	8.68	26.17	8.28	6.58	2.30	0.64	0.52	0.36	
3	0.44	0.48	1.26	3.30	6.44	22.14	10.52	4.62	2.22	0.64	0.52	0.36	
4	0.46	0.48	1.30	4.41	5.32	27.73	10.84	4.27	2.10	0.64	0.52	0.36	
5	0.46	0.50	1.66	4.13	6.58	18.95	10.52	3.57	1.94	0.62	0.50	0.34	
6	0.46	0.54	1.46	4.48	67.50	15.76	9.88	3.18	1.74	0.62	0.50	0.34	
7	0.46	0.68	1.42	4.48	66.62	13.45	37.00	3.14	1.54	0.62	0.50	0.34	
8	0.46	0.74	1.14	4.76	50.62	11.48	25.26	3.10	1.46	0.60	0.50	0.34	
9	0.46	0.86	0.78	3.78	50.44	9.88	22.91	3.02	1.38	0.60	0.48	0.34	
10	0.46	0.70	0.76	3.99	24.89	9.16	13.89	3.02	1.26	0.60	0.48	0.32	
11	0.48	0.90	0.74	3.57	18.07	9.16	18.29	2.98	1.22	0.60	0.48	0.32	
12	0.48	1.98	0.90	3.46	14.66	8.92	14.44	2.94	1.14	0.60	0.46	0.32	
13	0.48	2.58	1.66	3.06	11.80	9.32	13.89	2.90	1.10	0.60	0.46	0.32	
14	0.48	3.06	1.54	3.02	10.36	7.96	13.12	2.90	1.04	0.58	0.46	0.32	
15	0.48	5.39	1.54	2.86	8.68	7.48	11.48	2.86	1.00	0.58	0.44	0.32	
16	0.48	3.71	2.02	2.74	7.48	27.99	10.68	2.86	0.96	0.58	0.44	0.32	
17	0.48	2.30	1.46	3.34	36.25	17.85	9.72	2.86	0.94	0.58	0.44	0.32	
18	0.48	1.50	1.14	3.46	19.83	14.33	8.76	2.86	0.90	0.58	0.44	0.30	
19	0.48	1.46	0.90	3.10	15.76	15.21	7.72	3.14	0.88	0.58	0.42	0.30	
20	0.48	1.18	0.92	2.82	11.80	13.67	7.24	2.94	0.86	0.58	0.42	0.30	
21	0.48	1.62	2.66	2.90	11.08	13.89	6.58	3.34	0.84	0.56	0.42	0.30	
22	0.48	1.50	6.02	2.82	21.26	10.92	6.16	3.46	0.82	0.56	0.40	0.30	
23	0.48	0.96	4.13	3.42	19.72	9.24	5.60	3.18	0.80	0.56	0.40	0.30	
24	0.48	1.46	2.70	2.86	15.54	9.16	5.18	3.22	0.78	0.56	0.40	0.30	
25	0.48	1.30	2.22	2.86	12.79	8.12	4.69	3.38	0.76	0.56	0.38	0.30	
26	0.50	1.26	2.62	2.86	15.76	7.24	4.48	3.46	0.74	0.56	0.38	0.30	
27	0.50	1.18	5.46	2.66	16.86	7.48	4.41	3.50	0.74	0.54	0.38	0.30	
28	0.50	1.30	3.06	2.78	15.43	7.80	4.48	3.30	0.72	0.54	0.38	0.28	
29	0.56	1.26	3.14	4.62	14.33	7.48	4.20	3.02	0.68	0.54	0.36	0.28	
30	0.48	1.18	2.86	4.76	13.01	8.20	4.20	2.66	0.66	0.54		0.28	
31		1.26		4.13	19.72		5.95		0.64	0.54		0.28	
Total	14.28	44.28	59.83	109.80	629.96	414.04	330.25	101.23	36.54	18.14	13.00	9.82	1781.17 CMSDAY
Mean	0.48	1.43	1.99	3.54	20.32	13.80	10.65	3.37	1.18	0.59	0.45	0.32	4.87 CMS
Max	0.56	5.39	6.02	5.39	67.50	37.90	37.00	6.58	2.38	0.64	0.52	0.36	67.50 CMS
Min	0.44	0.48	0.74	2.66	5.32	7.24	4.20	2.66	0.64	0.54	0.36	0.28	0.28 CMS
Runoff	1.23	3.83	5.17	9.49	54.43	35.77	28.53	8.75	3.16	1.57	1.12	0.85	153.89 MCM
Momentary Peak	80.76	CMS, at 158.34 m. (MSL.) , at 18.00 Hours , on Aug 6, 2007											
Runoff Yield	23.24	Liters/Second/Square KM. Momentary Peak Yield 384.57 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Huai La - ong at Ban Na Phu, Amnart Charoen (M.155)

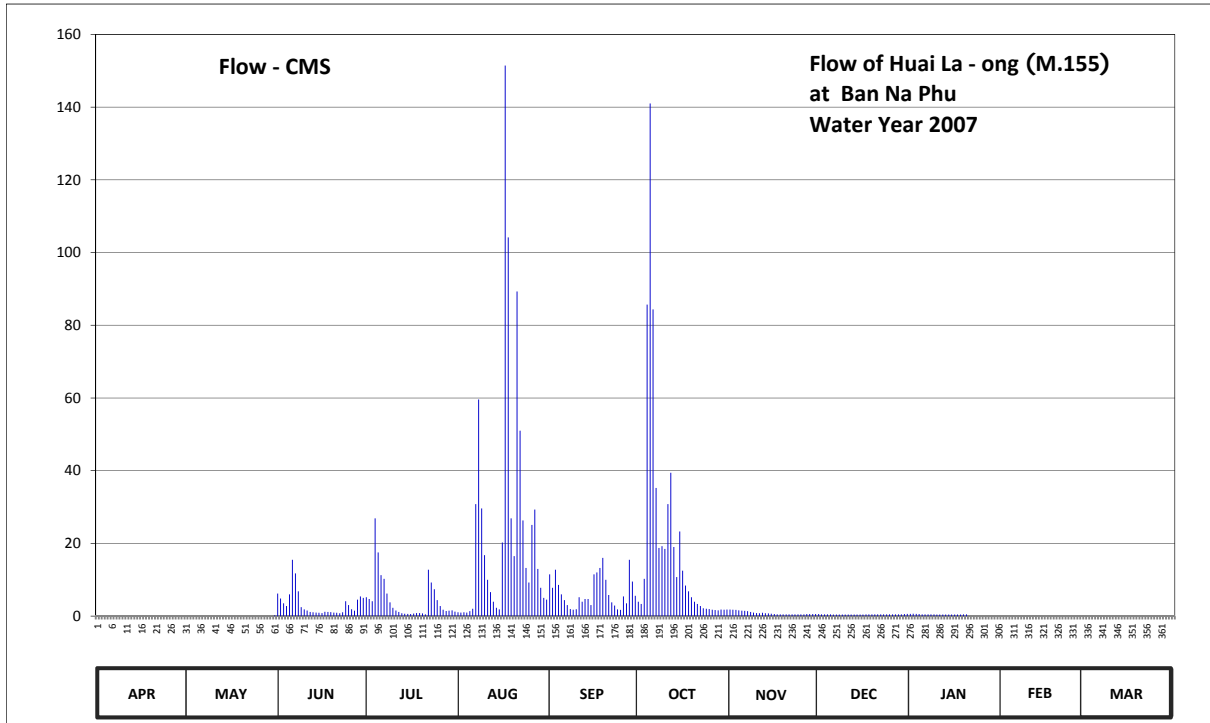
Lat 16 - 00 - 15 N Long 104 - 38 - 39 E

Location : on left bank at the bridge on road.

	Ban	Na Phu	Amphoe	Mueang	Changwat	Amnart Charoen
Drainage Area	219	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+136.185 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank upstream side at the footpath of the bridge.				Elevation	+145.730 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	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The weir situated about 1.5 kilometers downstream from the gage site. Stage-discharge relation defined by 25 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	136.91	136.58	137.36	137.31	136.91	137.60	137.23	137.06	136.81	136.82	137.12	136.45	
2	136.89	136.56	137.29	137.28	136.89	137.44	137.19	137.05	136.80	136.83	137.09	136.43	
3	136.89	136.54	137.20	137.24	136.91	137.65	137.55	137.04	136.80	136.82	137.06	136.39	
4	136.88	136.52	137.15	138.18	136.89	137.48	139.76	137.02	136.80	136.81	137.04	136.34	
5	136.86	136.49	137.35	137.84	136.97	137.35	140.90	137.00	136.79	136.80	137.03	136.30	
6	136.84	136.47	137.76	137.59	137.10	137.26	139.73	136.99	136.78	136.79	137.02	136.26	
7	136.82	136.44	137.61	137.55	138.31	137.17	138.45	136.97	136.77	136.79	137.01	136.23	
8	136.78	136.42	137.39	137.36	139.14	137.09	137.89	136.93	136.77	136.79	136.99	136.21	
9	136.74	136.40	137.13	137.22	138.27	137.05	137.91	136.89	136.77	136.79	136.98	136.25	
10	136.72	136.38	137.07	137.12	137.81	137.08	137.88	136.87	136.77	136.78	136.96	136.33	
11	136.70	136.37	137.01	137.01	137.54	137.31	138.31	136.86	136.77	136.78	136.95	136.39	
12	136.70	136.35	136.93	136.93	137.38	137.23	138.57	136.88	136.77	136.78	136.94	136.40	
13	136.70	136.33	136.91	136.86	137.23	137.28	137.90	136.86	136.77	136.78	136.94	136.41	
14	136.70	136.31	136.89	136.83	137.12	137.28	137.57	136.85	136.77	136.78	136.93	136.46	
15	136.70	136.30	136.88	136.82	137.07	137.17	138.06	136.83	136.78	136.78	136.92	136.47	
16	136.70	136.30	136.87	136.81	137.95	137.60	137.64	136.81	136.78	136.78	136.90	136.49	
17	136.74	136.29	136.94	136.84	141.09	137.62	137.47	136.79	136.79	136.78	136.88	136.49	
18	136.74	136.30	136.93	136.87	140.17	137.67	137.39	136.79	136.80	136.78	136.86	136.44	
19	136.74	136.32	136.92	136.87	138.18	137.78	137.31	136.80	136.79	136.80	136.85	136.40	
20	136.73	136.31	136.89	136.85	137.80	137.54	137.23	136.80	136.79	136.80	136.80	136.39	
21	136.72	136.29	136.88	136.80	139.84	137.34	137.19	136.80	136.79	136.92	136.76	136.40	
22	136.72	136.27	136.86	137.65	138.90	137.22	137.15	136.80	136.79	136.97	136.72	136.39	
23	136.72	136.23	136.91	137.51	138.16	137.16	137.11	136.80	136.79	137.01	136.68	136.41	
24	136.68	136.12	137.24	137.42	137.67	137.07	137.10	136.79	136.79	137.04	136.64	136.42	
25	136.66	136.04	137.17	137.26	137.51	137.04	137.09	136.79	136.79	137.08	136.59	136.43	
26	136.64	135.94	137.08	137.15	138.12	137.32	137.05	136.80	136.79	137.12	136.53	136.45	
27	136.63	136.00	137.00	137.05	138.26	137.20	137.03	136.81	136.79	137.14	136.51	136.47	
28	136.62	136.00	137.27	136.98	137.66	137.76	137.02	136.81	136.79	137.15	136.48	136.51	
29	136.61	135.99	137.32	137.00	137.44	137.52	137.06	136.81	136.80	137.16	136.47	136.57	
30	136.59	136.07	137.30	137.02	137.30	137.33	137.05	136.81	136.81	137.16	136.47	136.61	
31		136.69		136.95	137.27		137.06		136.82	137.15		136.66	
Mean	136.74	136.31	137.12	137.17	137.90	137.35	137.74	136.87	136.79	136.90	136.85	136.41	
Max	136.91	136.69	137.76	138.18	141.09	137.78	140.90	137.06	136.82	137.16	137.12	136.66	141.09
Min	136.59	135.94	136.86	136.80	136.89	137.04	137.02	136.79	136.77	136.78	136.47	136.21	135.94
Annual Max Momentary Gage Height	141.54		m. (MSL.) ,				at 12.00 Hours , on Aug 17, 2007						
Zero Gage at Bottom Elevation	136.18		m. (MSL.) ,			River Bed	135.70	m. (MSL.) ,					
Left Bank Elevation		141.65		m. (MSL.) ,									
Right Bank Elevation		142.42		m. (MSL.) ,		Drainage Are	219	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	6.20	5.20	1.05	11.50	3.95	1.80	0.55	0.60	0.00	0.00	
2	0.00	0.00	4.85	4.70	0.95	7.80	3.35	1.75	0.50	0.65	0.00	0.00	
3	0.00	0.00	3.50	4.10	1.05	12.75	10.25	1.70	0.50	0.60	0.00	0.00	
4	0.00	0.00	2.75	26.90	0.95	8.60	85.70	1.60	0.50	0.55	0.00	0.00	
5	0.00	0.00	6.00	17.50	1.35	6.00	141.00	1.50	0.48	0.50	0.00	0.00	
6	0.00	0.00	15.50	11.25	2.00	4.40	84.35	1.45	0.45	0.48	0.00	0.00	
7	0.00	0.00	11.75	10.25	30.80	3.05	35.25	1.35	0.43	0.48	0.00	0.00	
8	0.00	0.00	6.80	6.20	59.60	1.95	18.75	1.15	0.43	0.48	0.00	0.00	
9	0.00	0.00	2.45	3.80	29.60	1.75	19.25	0.95	0.43	0.48	0.00	0.00	
10	0.00	0.00	1.85	2.30	16.75	1.90	18.50	0.85	0.43	0.45	0.00	0.00	
11	0.00	0.00	1.55	1.55	10.00	5.20	30.80	0.80	0.43	0.45	0.00	0.00	
12	0.00	0.00	1.15	1.15	6.60	3.95	39.45	0.90	0.43	0.45	0.00	0.00	
13	0.00	0.00	1.05	0.80	3.95	4.70	19.00	0.80	0.43	0.45	0.00	0.00	
14	0.00	0.00	0.95	0.65	2.30	4.70	10.75	0.75	0.43	0.45	0.00	0.00	
15	0.00	0.00	0.90	0.60	1.85	3.05	23.30	0.65	0.45	0.45	0.00	0.00	
16	0.00	0.00	0.85	0.55	20.25	11.50	12.50	0.55	0.45	0.45	0.00	0.00	
17	0.00	0.00	1.20	0.70	151.45	12.00	8.40	0.48	0.48	0.45	0.00	0.00	
18	0.00	0.00	1.15	0.85	104.15	13.25	6.80	0.48	0.50	0.45	0.00	0.00	
19	0.00	0.00	1.10	0.85	26.90	16.00	5.20	0.50	0.48	0.50	0.00	0.00	
20	0.00	0.00	0.95	0.75	16.50	10.00	3.95	0.50	0.48	0.50	0.00	0.00	
21	0.00	0.00	0.90	0.50	89.30	5.80	3.35	0.50	0.48	0.00	0.00	0.00	
22	0.00	0.00	0.80	12.75	51.00	3.80	2.75	0.50	0.48	0.00	0.00	0.00	
23	0.00	0.00	1.05	9.25	26.30	2.90	2.15	0.50	0.48	0.00	0.00	0.00	
24	0.00	0.00	4.10	7.40	13.25	1.85	2.00	0.48	0.48	0.00	0.00	0.00	
25	0.00	0.00	3.05	4.40	9.25	1.70	1.95	0.48	0.48	0.00	0.00	0.00	
26	0.00	0.00	1.90	2.75	25.10	5.40	1.75	0.50	0.48	0.00	0.00	0.00	
27	0.00	0.00	1.50	1.75	29.30	3.50	1.65	0.55	0.48	0.00	0.00	0.00	
28	0.00	0.00	4.55	1.40	13.00	15.50	1.60	0.55	0.48	0.00	0.00	0.00	
29	0.00	0.00	5.40	1.50	7.80	9.50	1.80	0.55	0.50	0.00	0.00	0.00	
30	0.00	0.00	5.00	1.60	5.00	5.60	1.75	0.55	0.55	0.00	0.00	0.00	
31		0.23		1.25	4.55		1.80		0.60	0.00		0.00	
Total	0.00	0.23	100.75	145.20	761.90	199.60	603.05	25.67	14.75	9.87	0.00	0.00	1861.02 CMSDAY
Mean	0.00	0.01	3.36	4.68	24.58	6.65	19.45	0.86	0.48	0.32	0.00	0.00	5.08 CMS
Max	0.00	0.23	15.50	26.90	151.45	16.00	141.00	1.80	0.60	0.65	0.00	0.00	151.45 CMS
Min	0.00	0.00	0.80	0.50	0.95	1.70	1.60	0.48	0.43	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.02	8.70	12.55	65.83	17.25	52.10	2.22	1.27	0.85	0.00	0.00	160.79 MCM
Momentary Peak	177.40	CMS, at 141.54 m. (MSL.) , at 12.00 Hours , on Aug 17, 2007											
Runoff Yield	23.28	Liters/Second/Square KM.		Momentary Peak Yield		810.05	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Huai Ban at Ban Na Phu, Amnart Charoen (M.156)

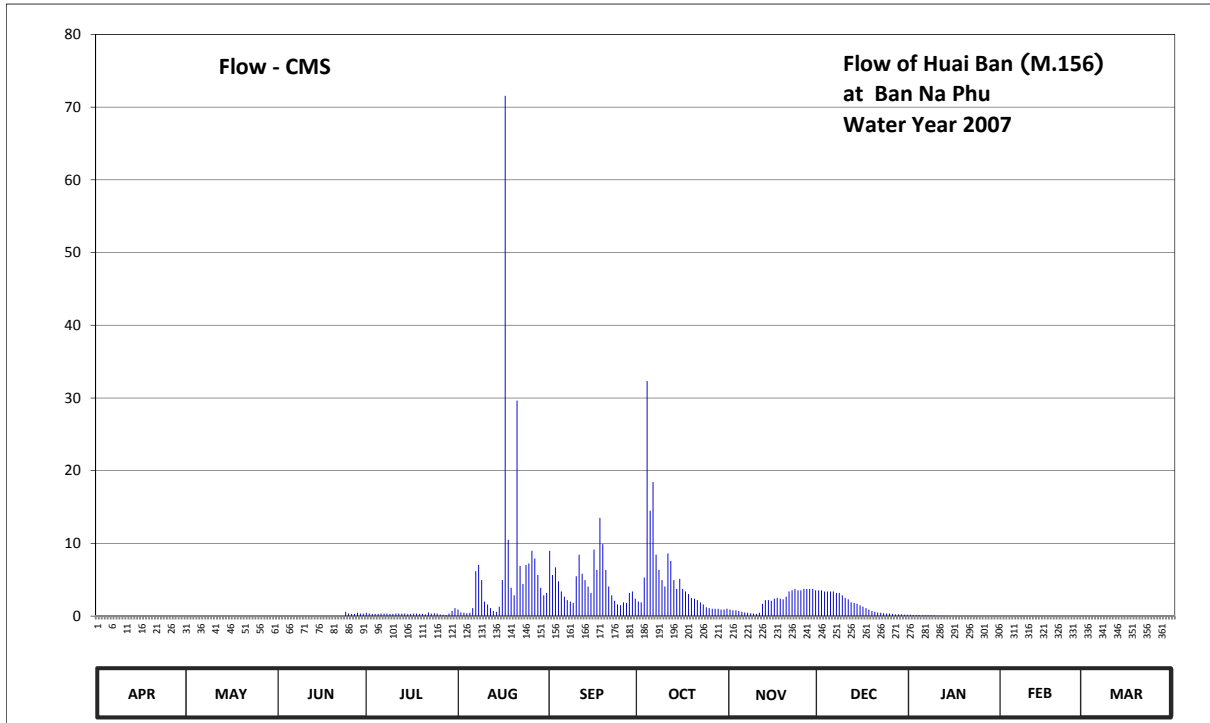
Lat 15 - 59 - 14 N Long 104 - 38 - 28 E

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	+139.070 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the footpath of the bridge.				Elevation	+145.300 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	1997 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +142.290 m.(MSL.), records are channel flow only.					
General Description	Records fair. The concrete weir situated about 250 meters downstream from the gage site. Stage-discharge relation defined by 23 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	139.78	139.49	139.56	140.79	140.84	141.37	140.95	140.84	141.06	140.74	140.46	140.35	
2	139.76	139.48	139.56	140.77	140.80	141.18	140.94	140.83	141.06	140.73	140.45	140.34	
3	139.75	139.48	139.55	140.76	140.79	141.24	141.16	140.83	141.05	140.73	140.45	140.33	
4	139.74	139.47	139.54	140.76	140.78	141.13	142.39	140.82	141.05	140.73	140.44	140.31	
5	139.73	139.47	139.54	140.76	140.79	141.05	141.65	140.81	141.05	140.72	140.44	140.29	
6	139.73	139.48	139.59	140.77	140.86	141.01	141.82	140.80	141.05	140.72	140.43	140.28	
7	139.72	139.52	139.58	140.77	141.21	140.97	141.34	140.79	141.04	140.72	140.43	140.26	
8	139.71	139.51	139.65	140.77	141.26	140.95	141.22	140.78	141.04	140.72	140.42	140.25	
9	139.71	139.50	139.75	140.76	141.14	140.93	141.14	140.77	141.02	140.72	140.42	140.22	
10	139.70	139.49	139.75	140.76	140.95	141.17	141.09	140.76	141.00	140.71	140.41	140.19	
11	139.69	139.48	139.75	140.77	140.91	141.34	141.35	140.79	140.98	140.71	140.41	140.18	
12	139.68	139.54	139.74	140.77	140.86	141.19	141.29	140.92	140.94	140.71	140.40	140.15	
13	139.67	139.58	139.73	140.77	140.82	141.14	141.14	140.97	140.93	140.71	140.40	140.14	
14	139.67	139.57	139.69	140.77	140.81	141.09	141.07	140.97	140.92	140.71	140.40	140.12	
15	139.64	139.54	139.66	140.76	140.88	141.04	141.15	140.96	140.90	140.70	140.39	140.10	
16	139.60	139.54	139.65	140.76	141.14	141.38	141.07	140.99	140.88	140.69	140.39	140.08	
17	139.58	139.56	139.63	140.77	143.63	141.22	141.05	141.00	140.86	140.68	140.39	140.06	
18	139.57	139.56	139.60	140.77	141.45	141.60	141.03	140.99	140.84	140.67	140.39	140.05	
19	139.56	139.55	139.59	140.76	141.08	141.42	141.00	140.98	140.82	140.66	140.38	140.04	
20	139.55	139.55	139.58	140.76	141.02	141.22	140.99	141.01	140.81	140.65	140.38	140.02	
21	139.55	139.55	139.56	140.75	142.28	141.09	140.97	141.05	140.80	140.63	140.38	140.00	
22	139.54	139.54	140.04	140.80	141.25	141.02	140.94	141.06	140.79	140.61	140.38	139.97	
23	139.53	139.54	140.58	140.77	141.11	140.96	140.91	141.07	140.78	140.59	140.38	139.99	
24	139.53	139.53	140.81	140.78	141.26	140.91	140.87	141.06	140.77	140.57	140.37	139.97	
25	139.52	139.53	140.77	140.77	141.27	140.90	140.86	141.06	140.77	140.55	140.37	139.95	
26	139.51	139.52	140.76	140.75	141.37	140.94	140.85	141.07	140.76	140.53	140.37	139.94	
27	139.51	139.55	140.76	140.74	141.31	140.93	140.85	141.07	140.75	140.51	140.37	139.93	
28	139.50	139.56	140.79	140.73	141.18	141.04	140.85	141.07	140.75	140.50	140.36	139.92	
29	139.50	139.57	140.77	140.77	141.08	141.05	140.84	141.07	140.75	140.49	140.36	139.91	
30	139.49	139.56	140.77	140.82	141.02	140.99	140.84	141.06	140.74	140.48	140.36	139.89	
31		139.56		140.86	141.04		140.85		140.74	140.47		139.90	
Mean	139.62	139.53	139.94	140.77	141.17	141.12	141.11	140.94	140.89	140.65	140.40	140.10	
Max	139.78	139.58	140.81	140.86	143.63	141.60	142.39	141.07	141.06	140.74	140.46	140.35	143.63
Min	139.49	139.47	139.54	140.73	140.78	140.90	140.84	140.76	140.74	140.47	140.36	139.89	139.47
Annual Max Momentary Gage Height	143.85		m. (MSL.) ,			at 09.00 Hours ,	on Aug 17, 2007						
Zero Gage at Bottom Elevation	139.07		m. (MSL.) ,			River Bed	139.77	m. (MSL.)					
Left Bank Elevation		142.46		m. (MSL.) ,									
Right Bank Elevation		142.28		m. (MSL.) ,		Drainage Are	40	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.45	0.90	8.98	2.00	0.90	3.55	0.20	0.00	0.00	
2	0.00	0.00	0.00	0.35	0.50	5.65	1.90	0.80	3.55	0.15	0.00	0.00	
3	0.00	0.00	0.00	0.30	0.45	6.70	5.30	0.80	3.38	0.15	0.00	0.00	
4	0.00	0.00	0.00	0.30	0.40	4.78	32.32	0.70	3.38	0.15	0.00	0.00	
5	0.00	0.00	0.00	0.30	0.45	3.38	14.50	0.60	3.38	0.10	0.00	0.00	
6	0.00	0.00	0.00	0.35	1.10	2.68	18.43	0.50	3.38	0.10	0.00	0.00	
7	0.00	0.00	0.00	0.35	6.18	2.20	8.45	0.45	3.20	0.10	0.00	0.00	
8	0.00	0.00	0.00	0.35	7.05	2.00	6.35	0.40	3.20	0.10	0.00	0.00	
9	0.00	0.00	0.00	0.30	4.95	1.80	4.95	0.35	2.85	0.10	0.00	0.00	
10	0.00	0.00	0.00	0.30	2.00	5.48	4.08	0.30	2.50	0.05	0.00	0.00	
11	0.00	0.00	0.00	0.35	1.60	8.45	8.63	0.45	2.30	0.05	0.00	0.00	
12	0.00	0.00	0.00	0.35	1.10	5.83	7.58	1.70	1.90	0.05	0.00	0.00	
13	0.00	0.00	0.00	0.35	0.70	4.95	4.95	2.20	1.80	0.05	0.00	0.00	
14	0.00	0.00	0.00	0.35	0.60	4.08	3.73	2.20	1.70	0.05	0.00	0.00	
15	0.00	0.00	0.00	0.30	1.30	3.20	5.13	2.10	1.50	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.30	4.95	9.15	3.73	2.40	1.30	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.35	71.55	6.35	3.38	2.50	1.10	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.35	10.50	13.50	3.03	2.40	0.90	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.30	3.90	9.90	2.50	2.30	0.70	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.30	2.85	6.35	2.40	2.68	0.60	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.25	29.64	4.08	2.20	3.38	0.50	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.50	6.88	2.85	1.90	3.55	0.45	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.35	4.43	2.10	1.60	3.73	0.40	0.00	0.00	0.00	
24	0.00	0.00	0.60	0.40	7.05	1.60	1.20	3.55	0.35	0.00	0.00	0.00	
25	0.00	0.00	0.35	0.35	7.23	1.50	1.10	3.55	0.35	0.00	0.00	0.00	
26	0.00	0.00	0.30	0.25	8.98	1.90	1.00	3.73	0.30	0.00	0.00	0.00	
27	0.00	0.00	0.30	0.20	7.93	1.80	1.00	3.73	0.25	0.00	0.00	0.00	
28	0.00	0.00	0.45	0.15	5.65	3.20	1.00	3.73	0.25	0.00	0.00	0.00	
29	0.00	0.00	0.35	0.35	3.90	3.38	0.90	3.73	0.25	0.00	0.00	0.00	
30	0.00	0.00	0.35	0.70	2.85	2.40	0.90	3.55	0.20	0.00	0.00	0.00	
31	0.00	0.00	0.00	1.10	3.20	0.00	1.00	0.00	0.20	0.00	0.00	0.00	
Total	0.00	0.00	2.70	11.25	210.77	140.22	157.14	62.96	49.67	1.40	0.00	0.00	636.11 CMSDAY
Mean	0.00	0.00	0.09	0.36	6.80	4.67	5.07	2.10	1.60	0.05	0.00	0.00	1.74 CMS
Max	0.00	0.00	0.60	1.10	71.55	13.50	32.32	3.73	3.55	0.20	0.00	0.00	71.55 CMS
Min	0.00	0.00	0.00	0.15	0.40	1.50	0.90	0.30	0.20	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.23	0.97	18.21	12.12	13.58	5.44	4.29	0.12	0.00	0.00	54.96 MCM
Momentary Peak	79.50	CMS, at 143.85 m. (MSL.) , at 09.00 Hours , on Aug 17, 2007											
Runoff Yield	43.57	Liters/Second/Square KM. Momentary Peak Yield 1987.50 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

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

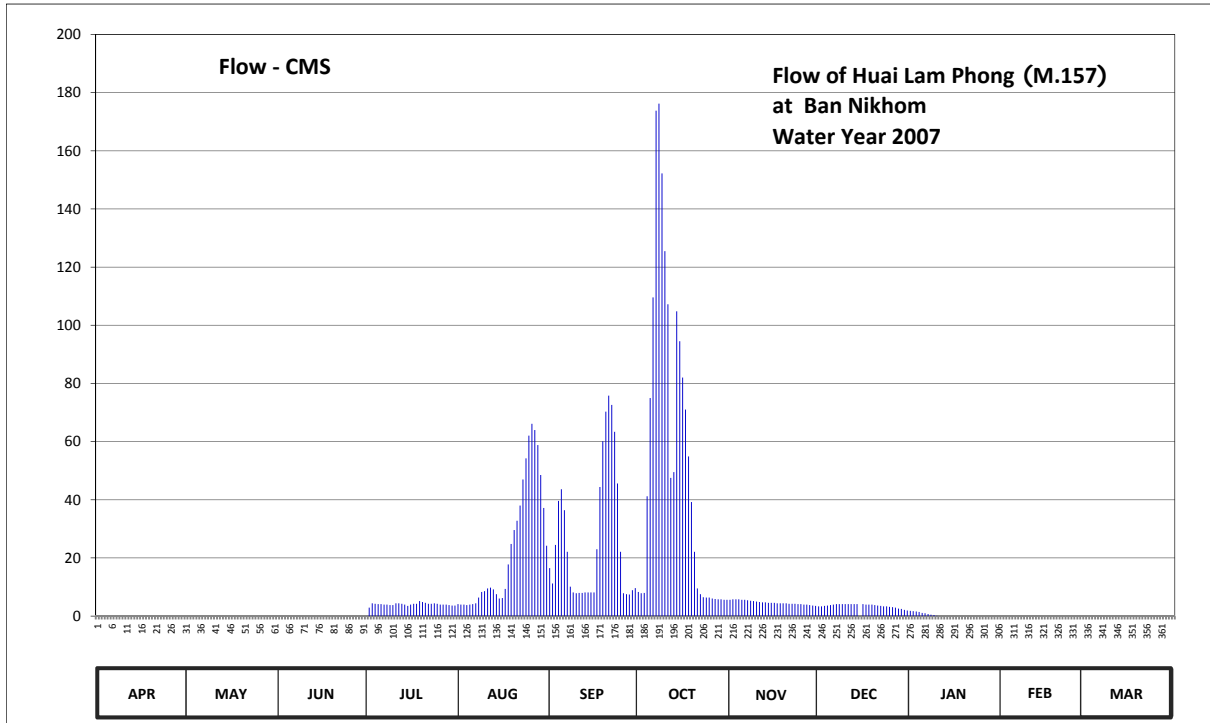
Lat 15 - 48 - 17 N Long 104 - 19 - 52 E

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	+121.510 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream side of the footpath of the bridge.	Elevation	+131.600 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	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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +127.180 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 25 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	124.42	124.03	123.40	124.75	125.24	125.96	125.52	125.34	125.19	125.08	124.55	124.10	
2	124.38	124.03	123.39	125.16	125.23	125.71	125.49	125.35	125.19	125.07	124.54	124.06	
3	124.37	124.04	123.34	125.26	125.23	126.25	125.50	125.35	125.20	125.06	124.54	124.02	
4	124.34	124.03	123.27	125.25	125.22	126.64	126.68	125.35	125.21	125.04	124.54	124.00	
5	124.33	124.02	123.21	125.24	125.23	126.74	127.25	125.34	125.22	125.01	124.53	123.98	
6	124.32	124.01	123.15	125.24	125.24	126.56	127.58	125.34	125.23	125.00	124.52	123.96	
7	124.30	123.99	123.09	125.23	125.26	126.17	127.92	125.33	125.24	124.97	124.51	123.95	
8	124.29	123.98	123.04	125.23	125.39	125.64	127.93	125.32	125.24	124.95	124.50	123.93	
9	124.28	123.96	123.03	125.22	125.52	125.51	127.83	125.31	125.24	124.94	124.49	123.90	
10	124.26	123.94	123.02	125.22	125.54	125.49	127.69	125.30	125.24	124.91	124.48	123.89	
11	124.24	123.93	123.01	125.26	125.60	125.50	127.56	125.29	125.24	124.90	124.46	123.87	
12	124.22	123.92	123.01	125.26	125.62	125.50	126.83	125.28	125.24	124.89	124.45	123.84	
13	124.21	123.91	123.01	125.25	125.58	125.51	126.87	125.28	125.24	124.87	124.43	123.82	
14	124.21	123.90	123.01	125.23	125.47	125.51	127.54	125.27	125.24	124.86	124.42	123.80	
15	124.21	123.89	123.01	125.20	125.37	125.51	127.45	125.27	124.64	124.84	124.40	123.79	
16	124.20	123.88	123.01	125.23	125.38	125.51	127.33	125.27	125.24	124.83	124.38	123.78	
17	124.19	123.88	123.01	125.25	125.59	126.20	127.20	125.26	125.23	124.81	124.35	123.77	
18	124.17	123.87	123.02	125.25	126.01	126.76	126.96	125.26	125.23	124.80	124.33	123.75	
19	124.16	123.86	123.02	125.31	126.26	127.04	126.63	125.26	125.23	124.79	124.31	123.73	
20	124.15	123.85	123.02	125.29	126.39	127.19	126.17	125.26	125.22	124.76	124.28	123.71	
21	124.14	123.85	123.03	125.27	126.47	127.26	125.60	125.25	125.21	124.73	124.25	123.71	
22	124.13	123.82	123.03	125.25	126.60	127.22	125.47	125.25	125.20	124.70	124.24	123.70	
23	124.10	123.78	123.04	125.25	126.82	127.09	125.40	125.25	125.19	124.68	124.21	123.69	
24	124.08	123.68	123.04	125.26	126.95	126.79	125.39	125.24	125.19	124.67	124.19	123.69	
25	124.07	123.61	123.05	125.25	127.07	126.17	125.39	125.24	125.18	124.66	124.19	123.69	
26	124.07	123.55	123.05	125.23	127.13	125.49	125.37	125.23	125.17	124.63	124.18	123.68	
27	124.06	123.48	123.05	125.23	127.10	125.47	125.36	125.23	125.16	124.62	124.17	123.68	
28	124.05	123.46	123.06	125.23	127.02	125.46	125.35	125.22	125.14	124.61	124.16	123.67	
29	124.05	123.44	123.33	125.22	126.85	125.56	125.35	125.21	125.13	124.60	124.13	123.66	
30	124.04	123.42	124.15	125.21	126.58	125.61	125.34	125.20	125.11	124.58	124.13	123.65	
31		123.41		125.21	126.24		125.34		125.09	124.56		123.64	
Mean	124.20	123.82	123.13	125.22	125.97	126.10	126.43	125.28	125.18	124.82	124.37	123.81	
Max	124.42	124.04	124.15	125.31	127.13	127.26	127.93	125.35	125.24	125.08	124.55	124.10	127.93
Min	124.04	123.41	123.01	124.75	125.22	125.46	125.34	125.20	124.64	124.56	124.13	123.64	123.01
Annual Max Momentary Gage Height	127.95		m. (MSL.) ,				at 18.00 Hours , on Oct 7, 2007						
Zero Gage at Bottom Elevation	121.51		m. (MSL.) ,			River Bed	122.17	m. (MSL.)					
Left Bank Elevation		127.45		m. (MSL.) ,									
Right Bank Elevation		127.17		m. (MSL.) ,		Drainage Are	729	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	4.10	16.50	8.30	5.60	3.35	1.80	0.00	0.00	
2	0.00	0.00	0.00	2.90	3.95	11.20	7.85	5.75	3.35	1.70	0.00	0.00	
3	0.00	0.00	0.00	4.40	3.95	24.50	8.00	5.75	3.50	1.60	0.00	0.00	
4	0.00	0.00	0.00	4.25	3.80	39.60	41.20	5.75	3.65	1.40	0.00	0.00	
5	0.00	0.00	0.00	4.10	3.95	43.60	75.00	5.60	3.80	1.10	0.00	0.00	
6	0.00	0.00	0.00	4.10	4.10	36.40	109.60	5.60	3.95	1.00	0.00	0.00	
7	0.00	0.00	0.00	3.95	4.40	22.10	173.80	5.45	4.10	0.70	0.00	0.00	
8	0.00	0.00	0.00	3.95	6.35	10.10	176.20	5.30	4.10	0.50	0.00	0.00	
9	0.00	0.00	0.00	3.80	8.30	8.15	152.20	5.15	4.10	0.40	0.00	0.00	
10	0.00	0.00	0.00	3.80	8.60	7.85	125.50	5.00	4.10	0.10	0.00	0.00	
11	0.00	0.00	0.00	4.40	9.50	8.00	107.20	4.85	4.10	0.00	0.00	0.00	
12	0.00	0.00	0.00	4.40	9.80	8.00	47.50	4.70	4.10	0.00	0.00	0.00	
13	0.00	0.00	0.00	4.25	9.20	8.15	49.50	4.70	4.10	0.00	0.00	0.00	
14	0.00	0.00	0.00	3.95	7.55	8.15	104.80	4.55	4.10	0.00	0.00	0.00	
15	0.00	0.00	0.00	3.50	6.05	8.15	94.50	4.55	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	3.95	6.20	8.15	82.00	4.55	4.10	0.00	0.00	0.00	
17	0.00	0.00	0.00	4.25	9.35	23.00	71.00	4.40	3.95	0.00	0.00	0.00	
18	0.00	0.00	0.00	4.25	17.75	44.40	54.90	4.40	3.95	0.00	0.00	0.00	
19	0.00	0.00	0.00	5.15	24.80	60.10	39.20	4.40	3.95	0.00	0.00	0.00	
20	0.00	0.00	0.00	4.85	29.60	70.30	22.10	4.40	3.80	0.00	0.00	0.00	
21	0.00	0.00	0.00	4.55	32.80	75.80	9.50	4.25	3.65	0.00	0.00	0.00	
22	0.00	0.00	0.00	4.25	38.00	72.60	7.55	4.25	3.50	0.00	0.00	0.00	
23	0.00	0.00	0.00	4.25	47.00	63.35	6.50	4.25	3.35	0.00	0.00	0.00	
24	0.00	0.00	0.00	4.40	54.25	45.60	6.35	4.10	3.35	0.00	0.00	0.00	
25	0.00	0.00	0.00	4.25	62.05	22.10	6.35	4.10	3.20	0.00	0.00	0.00	
26	0.00	0.00	0.00	3.95	66.10	7.85	6.05	3.95	3.05	0.00	0.00	0.00	
27	0.00	0.00	0.00	3.95	64.00	7.55	5.90	3.95	2.90	0.00	0.00	0.00	
28	0.00	0.00	0.00	3.95	58.80	7.40	5.75	3.80	2.60	0.00	0.00	0.00	
29	0.00	0.00	0.00	3.80	48.50	8.90	5.75	3.65	2.45	0.00	0.00	0.00	
30	0.00	0.00	0.00	3.65	37.20	9.65	5.60	3.50	2.15	0.00	0.00	0.00	
31	0.00	0.00	0.00	3.65	24.20		5.60		1.90	0.00	0.00	0.00	
Total	0.00	0.00	0.00	122.85	714.20	787.20	1621.25	140.25	106.25	10.30	0.00	0.00	3502.30 CMSDAY
Mean	0.00	0.00	0.00	3.96	23.04	26.24	52.30	4.68	3.43	0.33	0.00	0.00	9.57 CMS
Max	0.00	0.00	0.00	5.15	66.10	75.80	176.20	5.75	4.10	1.80	0.00	0.00	176.20 CMS
Min	0.00	0.00	0.00	0.00	3.80	7.40	5.60	3.50	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	10.61	61.71	68.01	140.08	12.12	9.18	0.89	0.00	0.00	302.60 MCM
Momentary Peak	181.00	CMS, at 127.95 m. (MSL.) , at 18.00 Hours , on Oct 7, 2007											
Runoff Yield	13.16	Liters/Second/Square KM.		Momentary Peak Yield		248.29	Liters/Second/Square KM.						

WATER YEAR : 2007**MUN RIVER BASIN****Lam Chi at Ban Lum Din, Surin (M.159)**

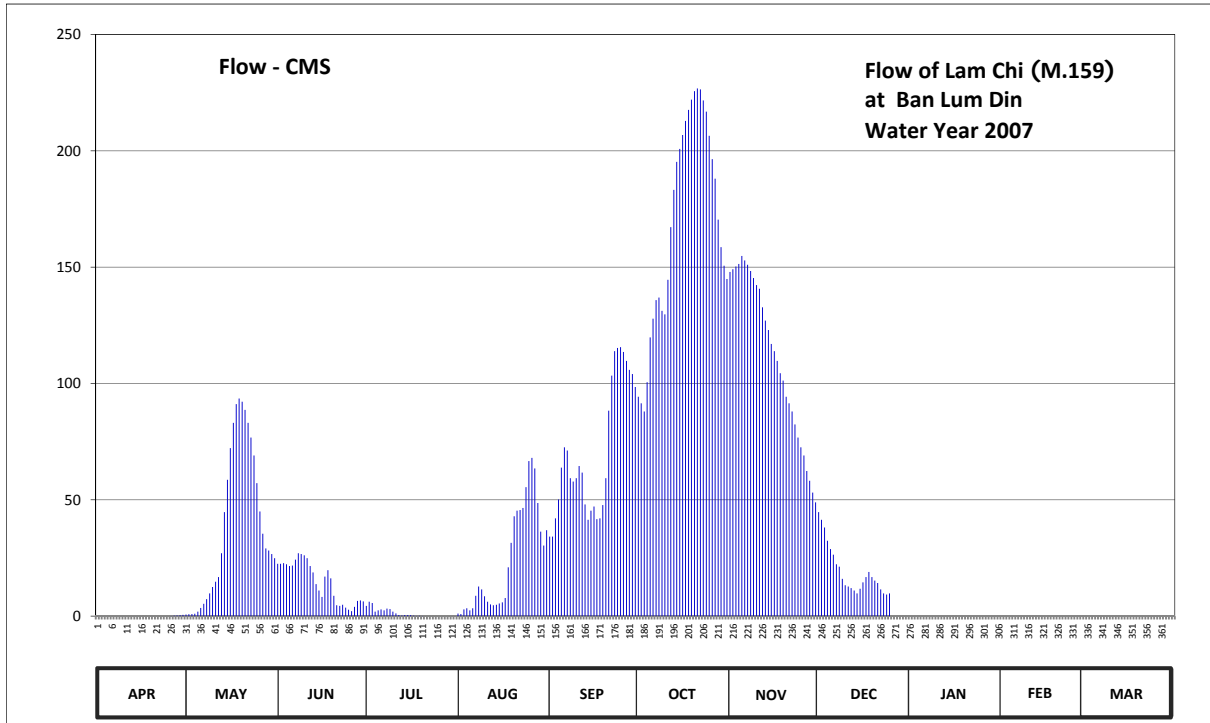
Lat 15 - 08 - 24 N Long 103 - 25 - 57 E

Location : On right bank at Ban Lum Din.

	Ban Lum Din	Amphoe Chom Phra	Changwat Surin
Drainage Area	4,806 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+120.850 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at staff gage line.		Elevation +131.080 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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

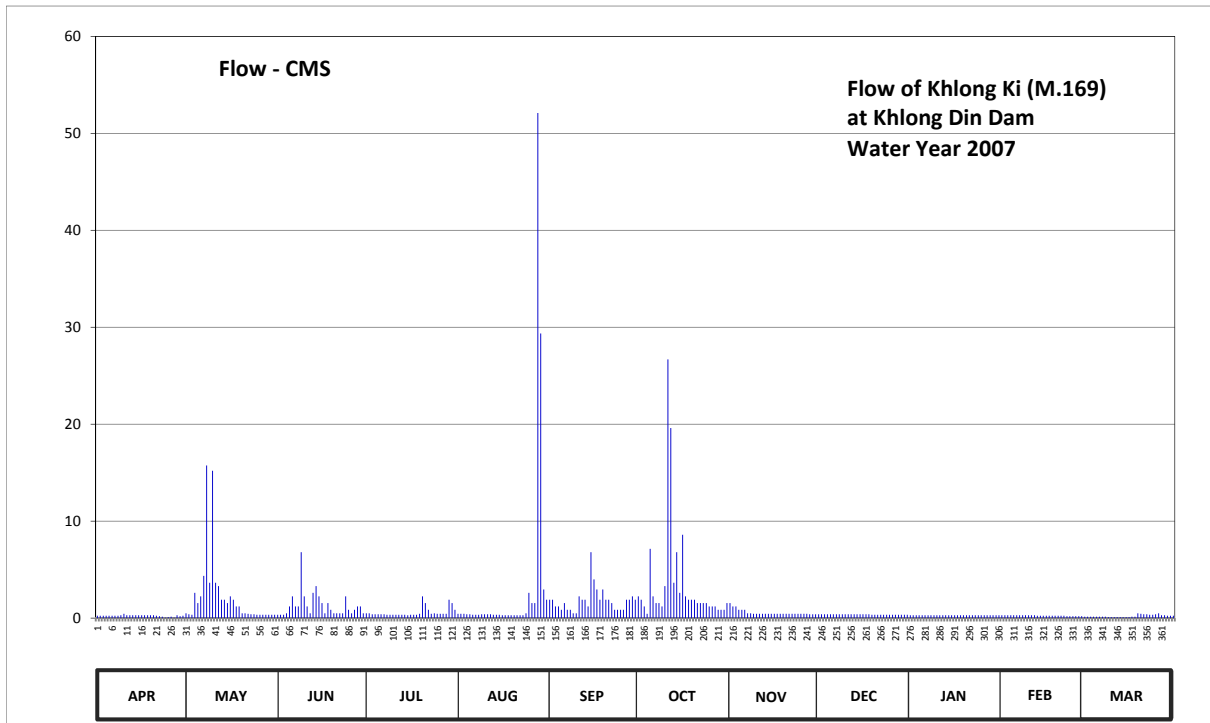
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	121.90	121.77	122.94	122.16	121.84	123.34	125.15	126.63	123.69	122.58	122.53	122.39	
2	121.90	121.79	122.94	122.28	121.81	123.34	125.07	126.66	123.58	122.50	122.54	122.37	
3	121.88	121.81	122.95	122.24	122.06	123.60	124.97	126.69	123.47	122.64	122.54	122.37	
4	121.88	121.83	122.93	121.98	122.09	123.87	125.33	126.72	123.28	122.61	122.55	122.38	
5	121.87	121.98	122.90	122.03	122.03	124.28	125.88	126.81	123.16	122.75	122.55	122.38	
6	121.87	122.10	122.91	122.06	122.09	124.53	126.10	126.76	123.08	122.71	122.56	122.39	
7	121.87	122.22	123.01	122.03	122.39	124.49	126.31	126.71	122.93	122.62	122.55	122.39	
8	121.86	122.33	123.10	122.08	122.55	124.15	126.34	126.64	122.89	122.60	122.54	122.40	
9	121.86	122.43	123.09	122.07	122.50	124.11	126.19	126.56	122.68	122.60	122.53	122.40	
10	121.85	122.54	123.07	121.98	122.38	124.15	126.15	126.48	122.57	122.66	122.52	122.41	
11	121.85	122.63	123.03	121.85	122.28	124.30	126.54	126.44	122.55	122.70	122.51	122.41	
12	121.83	122.71	122.90	121.73	122.20	124.22	127.13	126.23	122.52	122.60	122.51	122.41	
13	121.83	123.10	122.79	121.70	122.18	123.80	127.53	126.08	122.48	122.66	122.50	122.40	
14	121.81	123.69	122.59	121.73	122.19	123.58	127.83	125.97	122.43	122.68	122.49	122.39	
15	121.79	124.13	122.48	121.73	122.23	123.71	127.97	125.80	122.51	122.70	122.48	122.37	
16	121.77	124.52	122.37	121.72	122.26	123.77	128.12	125.71	122.62	122.70	122.45	122.35	
17	121.75	124.83	122.72	121.68	122.35	123.59	128.27	125.59	122.71	122.69	122.44	122.33	
18	121.74	125.06	122.83	121.66	122.88	123.60	128.39	125.44	122.80	122.68	122.43	122.31	
19	121.72	125.13	122.69	121.67	123.25	123.79	128.50	125.35	122.71	122.67	122.42	122.25	
20	121.70	125.09	122.39	121.66	123.63	124.15	128.59	125.15	122.65	122.66	122.41	122.21	
21	121.66	124.99	122.18	121.64	123.71	124.98	128.62	125.07	122.61	122.65	122.40	122.19	
22	121.63	124.83	122.16	121.57	123.72	125.41	128.61	124.97	122.50	122.64	122.39	122.19	
23	121.62	124.65	122.19	121.55	123.75	125.71	128.49	124.81	122.43	122.63	122.38	122.18	
24	121.61	124.43	122.11	121.54	124.04	125.75	128.37	124.65	122.41	122.62	122.38	122.18	
25	121.63	124.09	122.05	121.54	124.36	125.76	128.11	124.53	122.43	122.61	122.39	122.17	
26	121.66	123.70	122.01	121.55	124.40	125.70	127.86	124.43	122.60	122.60	122.39	122.17	
27	121.68	123.38	122.13	121.57	124.27	125.59	127.65	124.24	122.61	122.59	122.40	122.17	
28	121.70	123.17	122.30	121.57	123.82	125.48	127.21	124.12	122.62	122.58	122.41	122.17	
29	121.72	123.14	122.31	121.52	123.41	125.43	126.91	123.97	122.63	122.57	122.41	122.16	
30	121.75	123.09	122.29	121.50	123.21	125.27	126.70	123.83	122.61	122.56	122.41	122.16	
31		123.03		121.52	123.43		126.55		122.60	122.53		122.15	
Mean	121.77	123.36	122.61	121.78	122.88	124.45	127.14	125.63	122.75	122.63	122.47	122.30	
Max	121.90	125.13	123.10	122.28	124.40	125.76	128.62	126.81	123.69	122.75	122.56	122.41	128.62
Min	121.61	121.77	122.01	121.50	121.81	123.34	124.97	123.83	122.41	122.50	122.38	122.15	121.50
Annual Max Momentary Gage Height	128.63		m. (MSL.) ,				at 18.00 Hours , on Oct 21, 2007						
Zero Gage at Bottom Elevation	120.85		m. (MSL.) ,			River Bed	120.78	m. (MSL.) ,					
Left Bank Elevation	128.64		m. (MSL.) ,										
Right Bank Elevation	131.07		m. (MSL.) ,			Drainage Are	4,806	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.69	22.50	4.40	1.09	34.20	94.25	147.94	44.70	0.00	0.00	0.00	
2	0.00	0.80	22.50	6.20	0.91	34.20	91.45	149.08	41.40	0.00	0.00	0.00	
3	0.00	0.91	22.75	5.60	2.90	42.00	87.95	150.22	38.10	0.00	0.00	0.00	
4	0.00	1.03	22.25	1.89	3.35	50.10	100.55	151.36	32.40	0.00	0.00	0.00	
5	0.00	1.89	21.50	2.45	2.45	63.80	119.80	154.78	28.80	0.00	0.00	0.00	
6	0.00	3.50	21.75	2.90	3.35	72.55	127.80	152.88	26.40	0.00	0.00	0.00	
7	0.00	5.30	24.30	2.45	8.75	71.15	135.78	150.98	22.25	0.00	0.00	0.00	
8	0.00	7.25	27.00	3.20	12.75	59.25	136.92	148.32	21.25	0.00	0.00	0.00	
9	0.00	9.75	26.70	3.05	11.50	57.85	131.22	145.28	16.00	0.00	0.00	0.00	
10	0.00	12.50	26.10	1.89	8.50	59.25	129.70	142.24	13.25	0.00	0.00	0.00	
11	0.00	14.75	24.90	1.14	6.20	64.50	144.52	140.72	12.75	0.00	0.00	0.00	
12	0.00	16.75	21.50	0.46	5.00	61.70	167.20	132.74	12.00	0.00	0.00	0.00	
13	0.00	27.00	18.75	0.29	4.70	48.00	183.20	127.04	11.00	0.00	0.00	0.00	
14	0.00	44.70	13.75	0.46	4.85	41.40	195.20	122.95	9.75	0.00	0.00	0.00	
15	0.00	58.55	11.00	0.46	5.45	45.30	200.80	117.00	11.75	0.00	0.00	0.00	
16	0.00	72.20	8.25	0.40	5.90	47.10	206.80	113.85	14.50	0.00	0.00	0.00	
17	0.00	83.05	17.00	0.17	7.75	41.70	212.80	109.65	16.75	0.00	0.00	0.00	
18	0.00	91.10	19.75	0.06	21.00	42.00	217.60	104.40	19.00	0.00	0.00	0.00	
19	0.00	93.55	16.25	0.11	31.50	47.70	222.00	101.25	16.75	0.00	0.00	0.00	
20	0.00	92.15	8.75	0.06	42.90	59.25	225.60	94.25	15.25	0.00	0.00	0.00	
21	0.00	88.65	4.70	0.00	45.30	88.30	226.80	91.45	14.25	0.00	0.00	0.00	
22	0.00	83.05	4.40	0.00	45.60	103.35	226.40	87.95	11.50	0.00	0.00	0.00	
23	0.00	76.75	4.85	0.00	46.50	113.85	221.60	82.35	9.75	0.00	0.00	0.00	
24	0.00	69.05	3.65	0.00	55.40	115.25	216.80	76.75	9.25	0.00	0.00	0.00	
25	0.00	57.15	2.75	0.00	66.60	115.60	206.40	72.55	9.75	0.00	0.00	0.00	
26	0.06	45.00	2.15	0.00	68.00	113.50	196.40	69.05	0.00	0.00	0.00	0.00	
27	0.17	35.40	3.95	0.00	63.45	109.65	188.00	62.40	0.00	0.00	0.00	0.00	
28	0.29	29.10	6.50	0.00	48.60	105.80	170.40	58.20	0.00	0.00	0.00	0.00	
29	0.40	28.20	6.75	0.00	36.30	104.05	158.58	53.10	0.00	0.00	0.00	0.00	
30	0.57	26.70	6.35	0.00	30.30	98.45	150.60	48.90	0.00	0.00	0.00	0.00	
31		24.90		0.00	36.90		144.90		0.00	0.00		0.00	
Total	1.49	1201.37	443.30	37.64	733.75	2110.80	5238.02	3359.63	478.55	0.00	0.00	0.00	13604.55 CMSDAY
Mean	0.05	38.75	14.78	1.21	23.67	70.36	168.97	111.99	15.44	0.00	0.00	0.00	37.17 CMS
Max	0.57	93.55	27.00	6.20	68.00	115.60	226.80	154.78	44.70	0.00	0.00	0.00	226.80 CMS
Min	0.00	0.69	2.15	0.00	0.91	34.20	87.95	48.90	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.13	103.80	38.30	3.25	63.40	182.37	452.56	290.27	41.35	0.00	0.00	0.00	1175.43 MCM
Momentary Peak	227.20	CMS, at 128.63 m. (MSL.) , at 18.00 Hours , on Oct 21, 2007											
Runoff Yield	7.76	Liters/Second/Square KM. Momentary Peak Yield 47.27 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual			
1	0.25	0.50	0.35	0.50	0.45	1.90	2.25	1.55	0.40	0.30	0.30	0.15				
2	0.25	0.40	0.35	0.50	0.45	1.90	1.90	1.20	0.40	0.30	0.30	0.15				
3	0.25	0.35	0.35	0.40	0.45	1.20	1.20	1.20	0.40	0.30	0.30	0.15				
4	0.25	2.60	0.50	0.40	0.40	1.20	0.45	0.85	0.40	0.30	0.30	0.15				
5	0.25	1.55	1.20	0.40	0.40	0.85	7.15	0.85	0.40	0.30	0.30	0.15				
6	0.25	2.25	2.25	0.40	0.35	1.55	2.25	0.85	0.40	0.30	0.30	0.15				
7	0.25	4.35	1.20	0.40	0.35	0.85	1.55	0.50	0.40	0.30	0.30	0.15				
8	0.25	15.75	1.20	0.35	0.35	0.85	1.55	0.50	0.40	0.30	0.30	0.15				
9	0.30	3.65	6.80	0.35	0.40	0.50	1.20	0.45	0.40	0.30	0.30	0.10				
10	0.45	15.20	2.25	0.35	0.40	0.50	3.30	0.45	0.40	0.30	0.30	0.10				
11	0.30	3.65	1.20	0.35	0.40	2.25	26.68	0.45	0.40	0.30	0.30	0.10				
12	0.30	3.30	0.50	0.35	0.40	1.90	19.60	0.45	0.40	0.30	0.30	0.10				
13	0.30	1.90	2.60	0.35	0.35	1.90	3.65	0.45	0.40	0.30	0.25	0.10				
14	0.30	1.90	3.30	0.35	0.35	1.20	6.80	0.45	0.40	0.30	0.25	0.10				
15	0.30	1.55	2.25	0.30	0.35	6.80	2.60	0.45	0.40	0.30	0.25	0.10				
16	0.30	2.25	1.55	0.35	0.30	4.00	8.60	0.45	0.40	0.30	0.25	0.10				
17	0.30	1.90	0.50	0.35	0.30	2.95	2.25	0.45	0.40	0.30	0.25	0.15				
18	0.30	1.20	1.55	0.35	0.30	1.90	1.90	0.45	0.40	0.30	0.25	0.15				
19	0.30	1.20	0.85	0.45	0.30	2.95	1.90	0.45	0.35	0.30	0.25	0.50				
20	0.30	0.50	0.50	2.25	0.30	1.90	1.90	0.45	0.35	0.30	0.25	0.45				
21	0.25	0.50	0.50	1.55	0.30	1.90	1.55	0.45	0.35	0.30	0.25	0.40				
22	0.20	0.45	0.50	0.85	0.30	1.55	1.55	0.45	0.35	0.30	0.25	0.40				
23	0.15	0.40	0.50	0.45	0.30	0.85	1.55	0.45	0.35	0.30	0.20	0.35				
24	0.05	0.40	2.25	0.50	0.50	0.85	1.55	0.45	0.35	0.30	0.20	0.35				
25	0.10	0.35	0.85	0.45	2.60	0.85	1.20	0.45	0.35	0.30	0.20	0.40				
26	0.15	0.35	0.50	0.45	1.55	0.85	1.20	0.45	0.35	0.30	0.20	0.50				
27	0.05	0.35	0.85	0.45	1.55	1.90	1.20	0.45	0.35	0.30	0.20	0.30				
28	0.30	0.35	1.20	0.45	52.10	1.90	0.85	0.40	0.35	0.30	0.20	0.30				
29	0.20	0.35	1.20	1.90	29.36	2.25	0.85	0.40	0.35	0.30	0.15	0.25				
30	0.25	0.35	0.50	1.55	2.95	1.90	0.85	0.40	0.35	0.30		0.25				
31		0.35		0.85	1.90		1.55		0.35	0.30		0.25				
Total	7.45	70.15	40.10	18.95	100.76	53.85	112.58	17.25	11.75	9.30	7.45	7.00	456.59 CMSDAY			
Mean	0.25	2.26	1.34	0.61	3.25	1.79	3.63	0.57	0.38	0.30	0.26	0.23	1.25 CMS			
Max	0.45	15.75	6.80	2.25	52.10	6.80	26.68	1.55	0.40	0.30	0.30	0.50	52.10 CMS			
Min	0.05	0.35	0.35	0.30	0.30	0.50	0.45	0.40	0.35	0.30	0.15	0.10	0.05 CMS			
Runoff	0.64	6.06	3.46	1.64	8.71	4.65	9.73	1.49	1.02	0.80	0.64	0.60	39.45 MCM			
Momentary Peak	97.45	CMS, at 1.55 m. (A.D.), at 10.00 Hours, on Aug 28, 2007														
Runoff Yield	9.34	Liters/Second/Square KM.											Momentary Peak Yield	727.24	Liters/Second/Square KM.	

WATER YEAR : 2007

MUN RIVER BASIN

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

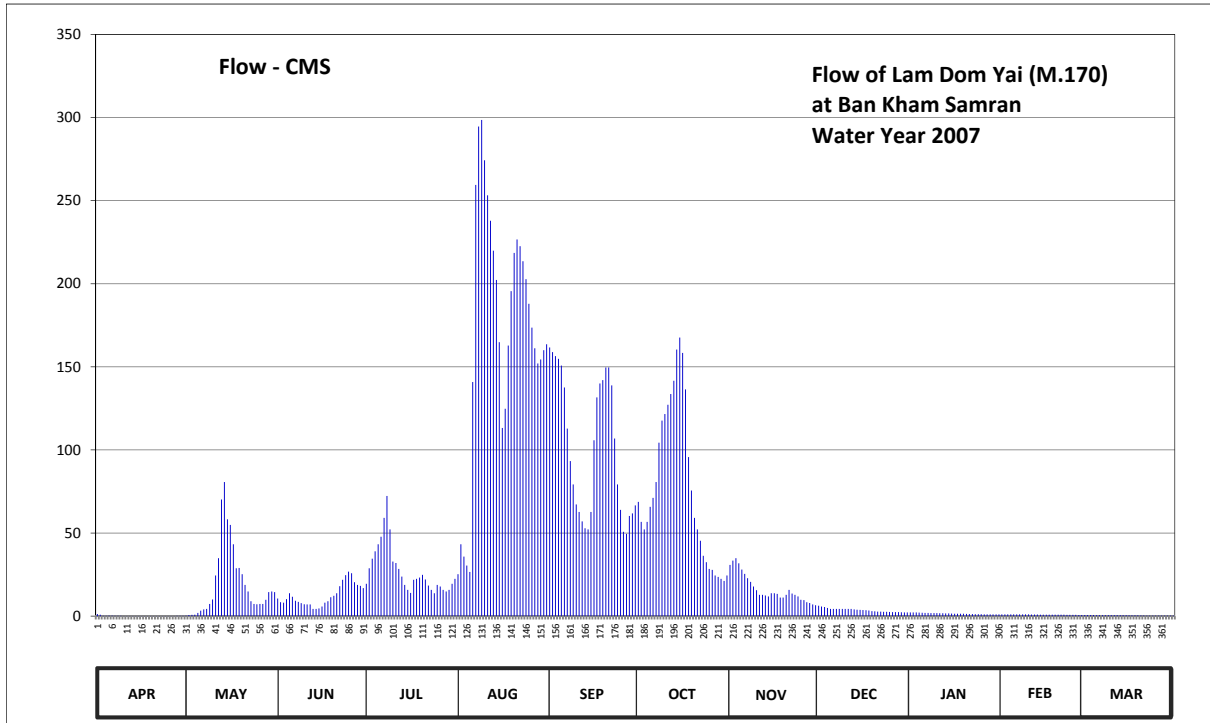
Lat 14 - 47 - 19 N Long 105 - 06 - 10 E

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	+123.340 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank upstream at the footpath	Elevation	+133.740 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	Stable because of backwater effect.		
Overbank Flow Conditions	Overbank flow starts at elevation +129.730 m.(MSL.), records are channel flow only.		
General Description	Records very good. Stage-discharge relation defined by 45 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.94	123.80	124.73	125.17	125.46	129.69	127.09	125.74	124.47	124.09	123.92	123.85	
2	123.89	123.85	124.61	125.64	126.24	129.62	126.69	125.87	124.44	124.08	123.92	123.85	
3	123.76	123.87	124.59	125.93	125.99	129.56	126.54	125.94	124.42	124.08	123.92	123.85	
4	123.77	123.89	124.71	126.10	125.72	129.52	126.69	125.79	124.38	124.07	123.92	123.85	
5	123.78	124.04	124.89	126.24	125.53	129.42	126.99	125.60	124.34	124.06	123.91	123.84	
6	123.79	124.24	124.78	126.39	129.17	129.09	127.17	125.47	124.34	124.05	123.91	123.84	
7	123.77	124.32	124.66	126.77	131.91	128.47	127.49	125.34	124.34	124.04	123.91	123.84	
8	123.76	124.34	124.62	127.21	132.69	127.91	128.24	125.23	124.34	124.03	123.91	123.84	
9	123.75	124.54	124.57	126.54	132.77	127.44	128.59	125.09	124.34	124.03	123.91	123.84	
10	123.74	124.70	124.53	125.84	132.24	127.04	128.69	124.98	124.34	124.03	123.91	123.84	
11	123.74	125.42	124.52	125.80	131.77	126.89	128.83	124.84	124.34	124.02	123.90	123.84	
12	123.74	125.94	124.52	125.62	131.43	126.70	128.99	124.84	124.34	124.02	123.90	123.84	
13	123.74	127.14	124.34	125.39	131.03	126.56	129.19	124.82	124.32	124.01	123.90	123.84	
14	123.74	127.49	124.34	125.14	130.64	126.54	129.66	124.79	124.31	124.00	123.89	123.84	
15	123.74	126.74	124.36	124.99	129.77	126.89	129.84	124.89	124.30	123.99	123.89	123.84	
16	123.74	126.63	124.44	124.90	128.48	128.28	129.61	124.89	124.29	123.98	123.89	123.83	
17	123.74	126.24	124.59	125.29	128.77	128.94	129.06	124.87	124.28	123.98	123.89	123.83	
18	123.74	125.64	124.64	125.32	129.72	129.15	127.99	124.76	124.25	123.98	123.88	123.82	
19	123.74	125.65	124.77	125.36	130.49	129.20	127.32	124.76	124.20	123.97	123.88	123.82	
20	123.73	125.46	124.81	125.44	131.00	129.39	126.77	124.84	124.18	123.96	123.88	123.81	
21	123.72	125.14	124.89	125.30	131.18	129.39	126.54	124.99	124.16	123.95	123.88	123.81	
22	123.73	124.94	125.10	125.12	131.09	129.12	126.31	124.88	124.15	123.94	123.88	123.80	
23	123.74	124.64	125.29	124.99	130.89	128.31	126.01	124.84	124.14	123.93	123.87	123.79	
24	123.74	124.54	125.43	124.89	130.65	127.44	125.82	124.79	124.14	123.93	123.87	123.79	
25	123.74	124.53	125.54	125.14	130.32	126.93	125.62	124.69	124.13	123.93	123.87	123.79	
26	123.74	124.54	125.49	125.09	129.99	126.49	125.59	124.68	124.12	123.92	123.87	123.78	
27	123.74	124.54	125.22	124.99	129.68	126.45	125.42	124.61	124.12	123.92	123.86	123.79	
28	123.75	124.69	125.14	124.94	129.45	126.81	125.38	124.58	124.11	123.92	123.86	123.79	
29	123.76	124.92	125.11	124.99	129.51	126.86	125.32	124.52	124.10	123.92	123.86	123.80	
30	123.77	124.94	125.04	125.17	129.65	127.02	125.26	124.49	124.09	123.92	123.86	123.80	
31		124.92		125.32	129.74		125.42		124.09	123.92		123.79	
Mean	123.76	125.04	124.81	125.52	129.77	128.04	127.23	125.01	124.26	123.99	123.89	123.82	
Max	123.94	127.49	125.54	127.21	132.77	129.69	129.84	125.94	124.47	124.09	123.92	123.85	132.77
Min	123.72	123.80	124.34	124.89	125.46	126.45	125.26	124.49	124.09	123.92	123.86	123.78	123.72
Annual Max Momentary Gage Height	132.92		m. (MSL.) ,				at 18.00 Hours, on Aug 8, 2007						
Zero Gage at Bottom Elevation	123.34		m. (MSL.) ,			River Bed	123.00	m. (MSL.) ,					
Left Bank Elevation		129.72		m. (MSL.) ,									
Right Bank Elevation		130.72		m. (MSL.) ,		Drainage Are	1,745	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.21	0.30	10.60	19.40	25.20	161.60	68.70	30.80	6.25	2.23	1.08	0.63		
2	0.89	0.63	8.38	28.80	43.20	158.80	56.70	33.40	5.80	2.16	1.08	0.63		
3	0.18	0.76	8.05	34.60	35.80	156.40	52.20	34.80	5.50	2.16	1.08	0.63		
4	0.21	0.89	10.20	39.00	30.40	154.80	56.70	31.80	4.90	2.09	1.08	0.63		
5	0.24	1.88	13.80	43.20	26.60	150.80	65.70	28.00	4.30	2.02	1.02	0.56		
6	0.27	3.28	11.60	47.70	140.80	137.60	71.10	25.40	4.30	1.95	1.02	0.56		
7	0.21	4.00	9.28	59.10	259.45	112.80	80.70	22.80	4.30	1.88	1.02	0.56		
8	0.18	4.30	8.56	72.30	294.55	93.30	104.40	20.60	4.30	1.81	1.02	0.56		
9	0.15	7.30	7.75	52.20	298.50	79.20	117.60	17.80	4.30	1.81	1.02	0.56		
10	0.12	10.00	7.15	32.80	274.30	67.20	121.60	15.60	4.30	1.81	1.02	0.56		
11	0.12	24.40	7.00	32.00	253.15	62.70	127.20	12.80	4.30	1.74	0.95	0.56		
12	0.12	34.80	7.00	28.40	237.85	57.00	133.60	12.80	4.30	1.74	0.95	0.56		
13	0.12	70.20	4.30	23.80	219.85	52.80	141.60	12.40	4.00	1.67	0.95	0.56		
14	0.12	80.70	4.30	18.80	202.30	52.20	160.40	11.80	3.85	1.60	0.89	0.56		
15	0.12	58.20	4.60	15.80	164.80	62.70	167.60	13.80	3.70	1.54	0.89	0.56		
16	0.12	54.90	5.80	14.00	113.20	105.80	158.40	13.80	3.63	1.47	0.89	0.50		
17	0.12	43.20	8.05	21.80	124.80	131.60	136.40	13.40	3.56	1.47	0.89	0.50		
18	0.12	28.80	8.92	22.40	162.80	140.00	95.70	11.20	3.35	1.47	0.82	0.43		
19	0.12	29.00	11.40	23.20	195.55	142.00	75.60	11.20	3.00	1.41	0.82	0.43		
20	0.09	25.20	12.20	24.80	218.50	149.60	59.10	12.80	2.86	1.34	0.82	0.37		
21	0.06	18.80	13.80	22.00	226.60	149.60	52.20	15.80	2.72	1.28	0.82	0.37		
22	0.09	14.80	18.00	18.40	222.55	138.80	45.30	13.60	2.65	1.21	0.82	0.30		
23	0.12	8.92	21.80	15.80	213.55	106.85	36.30	12.80	2.58	1.15	0.76	0.27		
24	0.12	7.30	24.60	13.80	202.75	79.20	32.40	11.80	2.58	1.15	0.76	0.27		
25	0.12	7.15	26.80	18.80	187.90	63.90	28.40	9.82	2.51	1.15	0.76	0.27		
26	0.12	7.30	25.80	17.80	173.60	50.70	27.80	9.64	2.44	1.08	0.76	0.24		
27	0.12	7.30	20.40	15.80	161.20	49.50	24.40	8.38	2.44	1.08	0.69	0.27		
28	0.15	9.82	18.80	14.80	152.00	60.30	23.60	7.90	2.37	1.08	0.69	0.27		
29	0.18	14.40	18.20	15.80	154.40	61.80	22.40	7.00	2.30	1.08	0.69	0.30		
30	0.21	14.80	16.80	19.40	160.00	66.60	21.20	6.55	2.23	1.08		0.30		
31		14.40		22.40	163.60		24.40		2.23	1.08				
Total	6.12	607.73	373.94	848.90	5339.75	3056.15	2389.40	490.29	111.85	47.79	26.06	14.04	13312.02	CMSDAY
Mean	0.20	19.60	12.46	27.38	172.25	101.87	77.08	16.34	3.61	1.54	0.90	0.45	36.37	CMS
Max	1.21	80.70	26.80	72.30	298.50	161.60	167.60	34.80	6.25	2.23	1.08	0.63	298.50	CMS
Min	0.06	0.30	4.30	13.80	25.20	49.50	21.20	6.55	2.23	1.08	0.69	0.24	0.06	CMS
Runoff	0.53	52.51	32.31	73.34	461.35	264.05	206.44	42.36	9.66	4.13	2.25	1.21	1150.16	MCM
Momentary Peak		306.00	CMS, at 132.92 m. (MSL.), at 18.00 Hours, on Aug 8, 2007											
Runoff Yield		20.90	Liters/Second/Square KM.				175.36	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

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

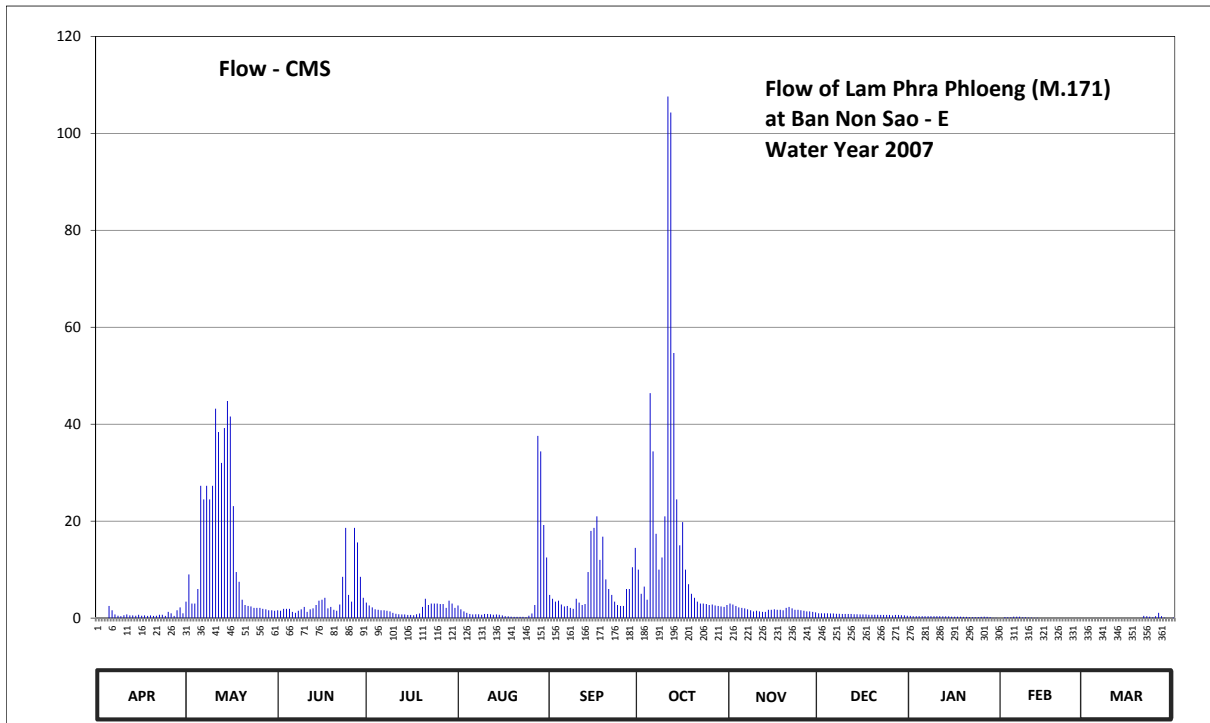
Lat 14 - 29 - 58 N Long 101 - 46 - 22 E

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.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+273.580 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank downstream at the footpath	Elevation	+281.110 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	Rather unstable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 38 discharge measurements made in 2007.		

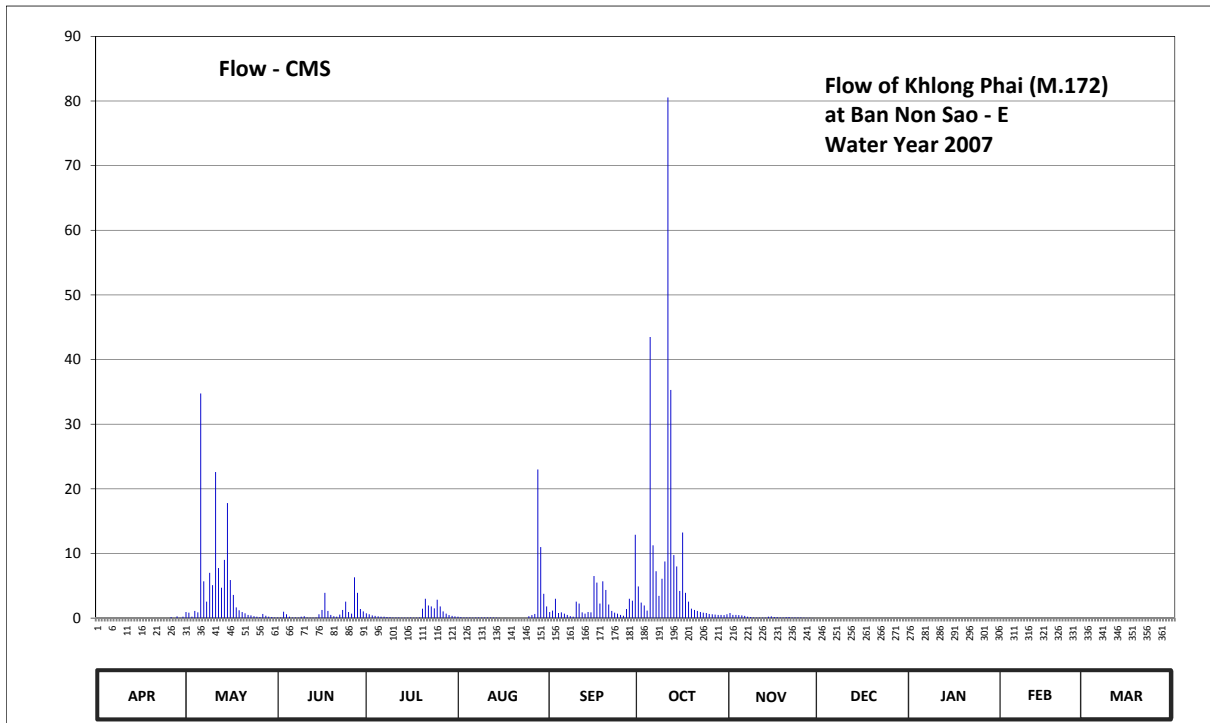
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	273.67	274.12	273.96	274.11	274.06	274.19	274.30	274.10	273.90	273.79	273.70	273.63	
2	273.67	274.28	273.95	274.06	273.98	274.15	274.20	274.08	273.90	273.78	273.74	273.62	
3	273.67	274.10	273.99	274.02	273.94	274.12	274.23	274.05	273.90	273.78	273.73	273.62	
4	273.67	274.10	273.99	273.98	273.91	274.13	274.14	274.02	273.90	273.78	273.73	273.62	
5	274.05	274.22	273.99	273.97	273.87	274.08	274.83	274.01	273.89	273.78	273.76	273.62	
6	273.96	274.59	273.93	273.96	273.85	274.04	274.68	274.00	273.89	273.78	273.76	273.60	
7	273.85	274.55	273.91	273.96	273.86	274.05	274.44	273.98	273.88	273.78	273.76	273.59	
8	273.80	274.59	273.95	273.95	273.86	274.01	274.30	273.96	273.88	273.78	273.73	273.59	
9	273.78	274.55	273.98	273.94	273.84	273.99	274.35	273.94	273.87	273.78	273.73	273.59	
10	273.82	274.59	274.03	273.91	273.87	274.15	274.50	273.95	273.87	273.78	273.72	273.59	
11	273.85	274.79	273.93	273.88	273.87	274.11	275.46	273.94	273.87	273.78	273.72	273.59	
12	273.81	274.73	273.98	273.86	273.86	274.07	275.43	273.93	273.87	273.77	273.71	273.59	
13	273.81	274.65	274.00	273.85	273.84	274.09	274.93	273.93	273.86	273.77	273.71	273.59	
14	273.80	274.74	274.07	273.85	273.85	274.29	274.55	273.97	273.86	273.77	273.69	273.59	
15	273.84	274.81	274.13	273.83	273.84	274.45	274.40	273.97	273.85	273.76	273.68	273.60	
16	273.80	274.77	274.14	273.83	273.81	274.46	274.48	273.98	273.85	273.76	273.67	273.60	
17	273.81	274.53	274.16	273.82	273.78	274.50	274.30	273.97	273.85	273.76	273.67	273.59	
18	273.79	274.29	274.00	273.86	273.77	274.34	274.24	273.97	273.84	273.76	273.66	273.59	
19	273.81	274.25	274.03	273.89	273.76	274.43	274.20	273.96	273.84	273.75	273.66	273.63	
20	273.79	274.14	273.97	274.03	273.75	274.26	274.16	274.01	273.84	273.75	273.66	273.64	
21	273.80	274.07	273.95	274.15	273.75	274.22	274.12	274.03	273.84	273.74	273.66	273.79	
22	273.84	274.05	274.08	274.07	273.75	274.19	274.10	274.00	273.83	273.74	273.65	273.78	
23	273.84	274.04	274.27	274.10	273.75	274.12	274.10	273.97	273.83	273.74	273.63	273.76	
24	273.79	274.01	274.46	274.10	273.74	274.07	274.09	273.97	273.83	273.74	273.63	273.73	
25	273.93	274.01	274.19	274.10	273.80	274.05	274.07	273.96	273.83	273.75	273.62	273.78	
26	273.90	274.01	274.12	274.09	273.89	274.05	274.08	273.95	273.81	273.76	273.62	273.91	
27	273.79	273.99	274.46	274.09	274.07	274.22	274.06	273.94	273.83	273.75	273.66	273.78	
28	273.96	273.98	274.41	274.01	274.72	274.22	274.05	273.94	273.83	273.74	273.65	273.72	
29	274.02	273.96	274.27	274.13	274.68	274.31	274.04	273.93	273.82	273.71	273.64	273.68	
30	273.90	273.96	274.16	274.10	274.47	274.39	274.03	273.92	273.81	273.71	273.65	273.65	
31		273.95		274.01	274.35		274.07		273.80	273.70		273.72	
Mean	273.83	274.30	274.08	273.98	273.94	274.19	274.35	273.98	273.85	273.76	273.69	273.66	
Max	274.05	274.81	274.46	274.15	274.72	274.50	275.46	274.10	273.90	273.79	273.76	273.91	275.46
Min	273.67	273.95	273.91	273.82	273.74	273.99	274.03	273.92	273.80	273.70	273.62	273.59	273.59
Annual Max Momentary Gage Height	275.84		m. (MSL.) ,				at 08.00 Hours, on Oct 11, 2007						
Zero Gage at Bottom Elevation	273.58		m. (MSL.) ,			River Bed	273.22	m. (MSL.) ,					
Left Bank Elevation		278.36		m. (MSL.) ,									
Right Bank Elevation		278.41		m. (MSL.) ,		Drainage Are	553	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	3.40	1.60	3.20	2.60	4.80	10.00	3.00	1.00	0.45	0.00	0.00	
2	0.00	9.00	1.50	2.60	1.80	4.00	5.00	2.80	1.00	0.40	0.20	0.00	
3	0.00	3.00	1.90	2.20	1.40	3.40	6.50	2.50	1.00	0.40	0.15	0.00	
4	0.00	3.00	1.90	1.80	1.10	3.60	3.80	2.20	1.00	0.40	0.15	0.00	
5	2.50	6.00	1.90	1.70	0.85	2.80	46.40	2.10	0.95	0.40	0.30	0.00	
6	1.60	27.30	1.30	1.60	0.75	2.40	34.40	2.00	0.95	0.40	0.30	0.00	
7	0.75	24.50	1.10	1.60	0.80	2.50	17.40	1.80	0.90	0.40	0.30	0.00	
8	0.50	27.30	1.50	1.50	0.80	2.10	10.00	1.60	0.90	0.40	0.15	0.00	
9	0.40	24.50	1.80	1.40	0.70	1.90	12.50	1.40	0.85	0.40	0.15	0.00	
10	0.60	27.30	2.30	1.10	0.85	4.00	21.00	1.50	0.85	0.40	0.10	0.00	
11	0.75	43.20	1.30	0.90	0.85	3.20	107.60	1.40	0.85	0.40	0.10	0.00	
12	0.55	38.40	1.80	0.80	0.80	2.70	104.30	1.30	0.85	0.35	0.05	0.00	
13	0.55	32.00	2.00	0.75	0.70	2.90	54.70	1.30	0.80	0.35	0.05	0.00	
14	0.50	39.20	2.70	0.75	0.75	9.50	24.50	1.70	0.80	0.35	0.00	0.00	
15	0.70	44.80	3.60	0.65	0.70	18.00	15.00	1.70	0.75	0.30	0.00	0.00	
16	0.50	41.60	3.80	0.65	0.55	18.60	19.80	1.80	0.75	0.30	0.00	0.00	
17	0.55	23.10	4.20	0.60	0.40	21.00	10.00	1.70	0.75	0.30	0.00	0.00	
18	0.45	9.50	2.00	0.80	0.35	12.00	7.00	1.70	0.70	0.30	0.00	0.00	
19	0.55	7.50	2.30	0.95	0.30	16.80	5.00	1.60	0.70	0.25	0.00	0.00	
20	0.45	3.80	1.70	2.30	0.25	8.00	4.20	2.10	0.70	0.25	0.00	0.00	
21	0.50	2.70	1.50	4.00	0.25	6.00	3.40	2.30	0.70	0.20	0.00	0.45	
22	0.70	2.50	2.80	2.70	0.25	4.80	3.00	2.00	0.65	0.20	0.00	0.40	
23	0.70	2.40	8.50	3.00	0.25	3.40	3.00	1.70	0.65	0.20	0.00	0.30	
24	0.45	2.10	18.60	3.00	0.20	2.70	2.90	1.70	0.65	0.20	0.00	0.15	
25	1.30	2.10	4.80	3.00	0.50	2.50	2.70	1.60	0.65	0.25	0.00	0.40	
26	1.00	2.10	3.40	2.90	0.95	2.50	2.80	1.50	0.55	0.30	0.00	1.10	
27	0.45	1.90	18.60	2.90	2.70	6.00	2.60	1.40	0.65	0.25	0.00	0.40	
28	1.60	1.80	15.60	2.10	37.60	6.00	2.50	1.40	0.65	0.20	0.00	0.10	
29	2.20	1.60	8.50	3.60	34.40	10.50	2.40	1.30	0.60	0.05	0.00	0.00	
30	1.00	1.60	4.20	3.00	19.20	14.50	2.30	1.20	0.55	0.05	0.00	0.00	
31		1.50		2.10	12.50		2.70		0.50	0.00		0.10	
Total	21.80	460.70	128.70	60.15	126.10	203.10	549.40	53.30	23.85	9.10	2.00	3.40	1641.60 CMSDAY
Mean	0.73	14.86	4.29	1.94	4.07	6.77	17.72	1.78	0.77	0.29	0.07	0.11	4.49 CMS
Max	2.50	44.80	18.60	4.00	37.60	21.00	107.60	3.00	1.00	0.45	0.30	1.10	107.60 CMS
Min	0.00	1.50	1.10	0.60	0.20	1.90	2.30	1.20	0.50	0.00	0.00	0.00	0.00 CMS
Runoff	1.88	39.80	11.12	5.20	10.90	17.55	47.47	4.61	2.06	0.79	0.17	0.29	141.83 MCM
Momentary Peak	153.20	CMS, at 275.84 m. (MSL.), at 08.00 Hours, on Oct 11, 2007											
Runoff Yield	8.13	Liters/Second/Square KM.		Momentary Peak Yield		277.03	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.95	0.10	0.75	0.22	0.95	4.90	0.80	0.00	0.00	0.00	0.00	
2	0.00	0.85	0.10	0.60	0.14	1.15	2.40	0.50	0.00	0.00	0.00	0.00	
3	0.00	0.22	1.00	0.42	0.10	3.00	1.95	0.50	0.00	0.00	0.00	0.00	
4	0.00	1.10	0.60	0.34	0.09	0.80	1.15	0.46	0.00	0.00	0.00	0.00	
5	0.00	0.90	0.22	0.26	0.09	0.90	43.50	0.42	0.00	0.00	0.00	0.00	
6	0.00	34.75	0.10	0.22	0.08	0.70	11.25	0.34	0.00	0.00	0.00	0.00	
7	0.00	5.70	0.09	0.22	0.09	0.50	7.25	0.22	0.00	0.00	0.00	0.00	
8	0.00	2.55	0.08	0.18	0.09	0.30	3.45	0.18	0.00	0.00	0.00	0.00	
9	0.00	7.00	0.22	0.14	0.09	0.22	6.10	0.10	0.00	0.00	0.00	0.00	
10	0.00	5.10	0.30	0.10	0.10	2.55	8.75	0.08	0.00	0.00	0.00	0.00	
11	0.00	22.60	0.10	0.09	0.10	2.25	80.55	0.08	0.00	0.00	0.00	0.00	
12	0.00	7.75	0.08	0.09	0.09	0.90	35.30	0.08	0.00	0.00	0.00	0.00	
13	0.00	4.70	0.08	0.08	0.09	0.70	9.75	0.08	0.00	0.00	0.00	0.00	
14	0.00	9.00	0.10	0.08	0.08	0.95	8.00	0.22	0.00	0.00	0.00	0.00	
15	0.00	17.80	0.60	0.08	0.06	0.90	4.20	0.26	0.00	0.00	0.00	0.00	
16	0.00	5.90	1.25	0.09	0.01	6.50	13.25	0.18	0.00	0.00	0.00	0.00	
17	0.00	3.60	3.90	0.08	0.02	5.50	3.90	0.14	0.00	0.00	0.00	0.00	
18	0.00	1.65	1.10	0.08	0.00	2.25	2.55	0.10	0.00	0.00	0.00	0.00	
19	0.00	1.20	0.50	0.10	0.00	5.70	1.45	0.10	0.00	0.00	0.00	0.00	
20	0.00	0.95	0.30	1.45	0.00	4.35	1.25	0.14	0.00	0.00	0.00	0.00	
21	0.00	0.75	0.22	3.00	0.00	2.10	1.10	0.18	0.00	0.00	0.00	0.00	
22	0.00	0.50	0.55	1.95	0.00	1.10	0.95	0.10	0.00	0.00	0.00	0.00	
23	0.00	0.42	1.25	1.80	0.00	0.85	0.85	0.10	0.00	0.00	0.00	0.00	
24	0.00	0.30	2.55	1.50	0.00	0.70	0.80	0.09	0.00	0.00	0.00	0.00	
25	0.00	0.22	0.95	2.85	0.30	0.50	0.65	0.09	0.00	0.00	0.00	0.00	
26	0.14	0.18	0.70	1.80	0.46	0.38	0.60	0.08	0.00	0.00	0.00	0.00	
27	0.00	0.65	6.30	1.05	0.65	1.40	0.55	0.05	0.00	0.00	0.00	0.00	
28	0.26	0.38	3.90	0.70	23.00	3.00	0.50	0.04	0.00	0.00	0.00	0.00	
29	0.04	0.22	1.40	0.46	11.00	2.70	0.50	0.02	0.00	0.00	0.00	0.00	
30	0.22	0.18	1.05	0.34	3.75	12.90	0.46	0.00	0.00	0.00	0.00	0.00	
31		0.10		0.26	1.80		0.60		0.00	0.00		0.00	
Total	0.66	138.17	29.69	21.16	42.50	66.70	258.46	5.73	0.00	0.00	0.00	0.00	563.07 CMSDAY
Mean	0.02	4.46	0.99	0.68	1.37	2.22	8.34	0.19	0.00	0.00	0.00	0.00	1.54 CMS
Max	0.26	34.75	6.30	3.00	23.00	12.90	80.55	0.80	0.00	0.00	0.00	0.00	80.55 CMS
Min	0.00	0.10	0.08	0.08	0.00	0.22	0.46	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.06	11.94	2.57	1.83	3.67	5.76	22.33	0.50	0.00	0.00	0.00	0.00	48.65 MCM
Momentary Peak	131.00	CMS, at 296.77 m. (MSL), at 06.00 Hours, on Oct 11, 2007											
Runoff Yield	10.79	Liters/Second/Square KM.		Momentary Peak Yield		916.08	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Mun River at Ban Non Sa - at, Nakhon Ratchasima (M.173)

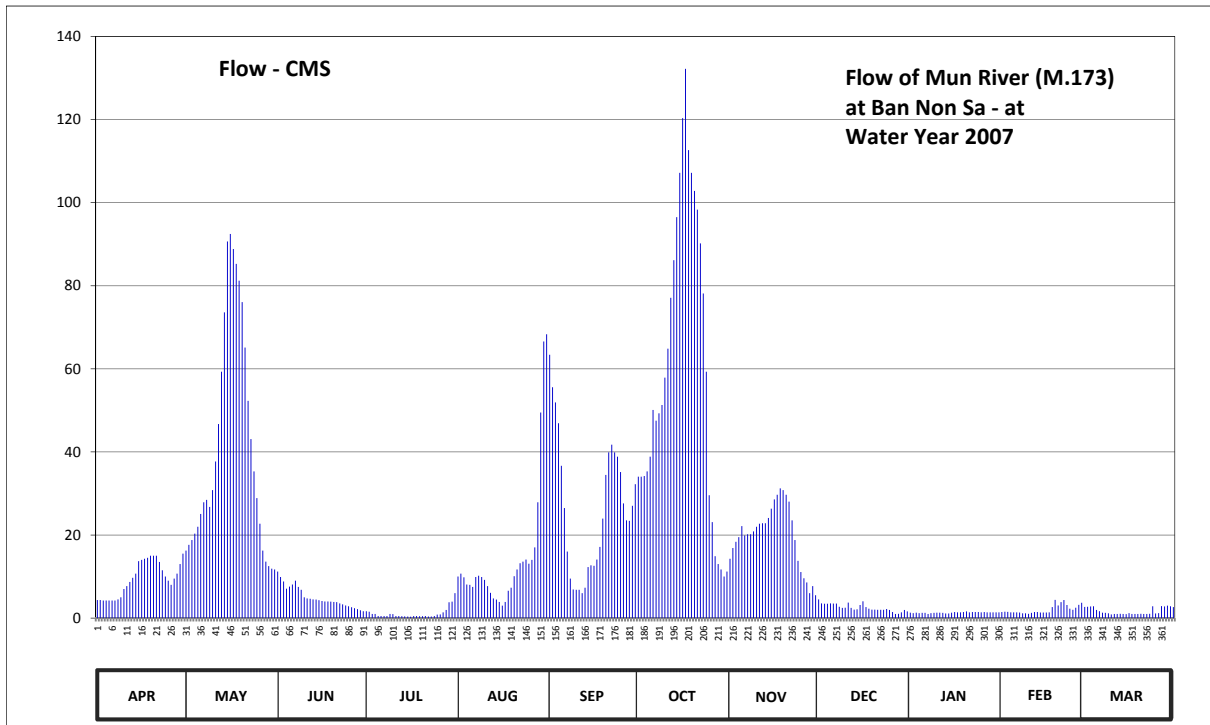
Lat 14 - 44 - 37 N Long 102 - 12 - 54 E

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	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +4.550 m.(A.D.), records are channel flow only.		
General Description	Records very good. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

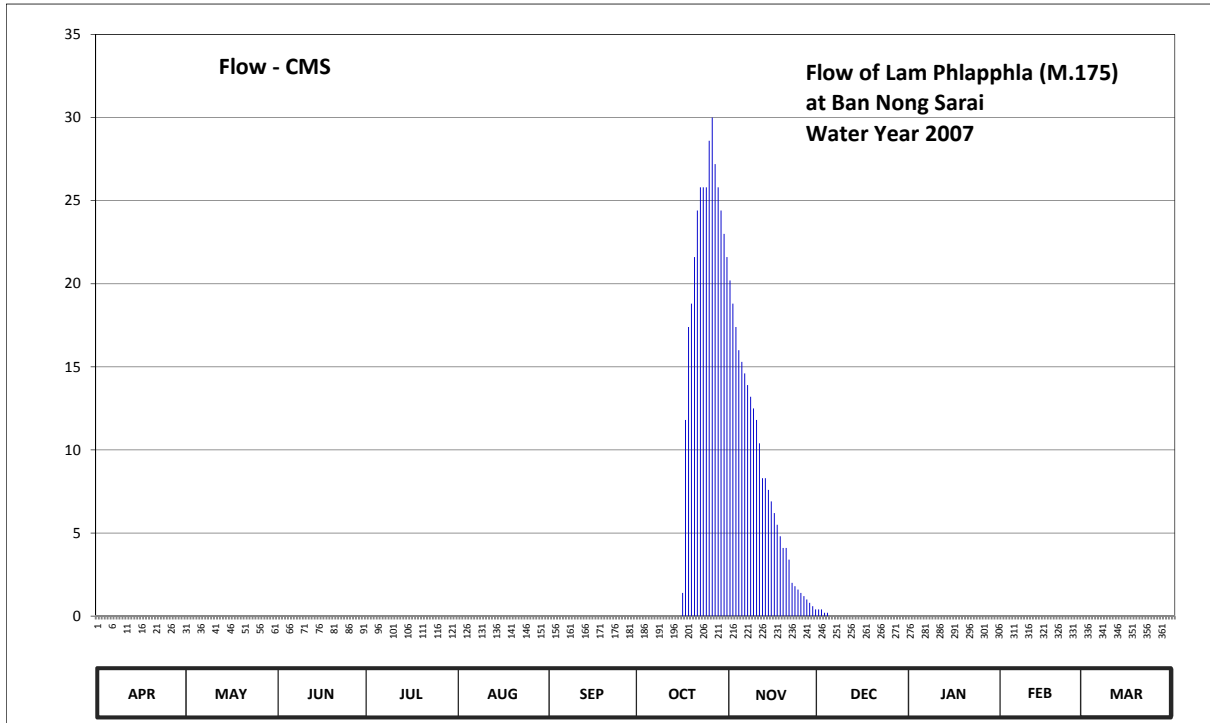
Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.87	3.12	2.62	1.33	2.50	5.82	4.41	2.93	1.90	1.26	1.29	1.54	
2	1.87	3.23	2.49	1.31	2.57	5.55	4.41	3.17	1.71	1.24	1.31	1.55	
3	1.85	3.32	2.38	1.20	2.48	5.39	4.42	3.29	1.69	1.26	1.30	1.56	
4	1.85	3.43	2.21	1.20	2.31	5.14	4.50	3.37	1.69	1.24	1.28	1.57	
5	1.85	3.55	2.26	1.10	2.30	4.58	4.71	3.56	1.71	1.25	1.28	1.39	
6	1.85	3.77	2.31	1.10	2.25	3.87	5.30	3.40	1.70	1.25	1.28	1.33	
7	1.85	3.97	2.40	1.10	2.49	3.10	5.17	3.42	1.70	1.20	1.27	1.26	
8	1.90	4.01	2.25	1.10	2.52	2.45	5.26	3.42	1.55	1.24	1.23	1.25	
9	2.00	3.89	2.18	1.20	2.49	2.19	5.36	3.47	1.49	1.25	1.23	1.23	
10	2.20	4.18	2.00	1.19	2.42	2.18	5.63	3.55	1.50	1.26	1.21	1.18	
11	2.27	4.64	1.95	1.10	2.27	2.18	5.87	3.60	1.75	1.26	1.25	1.20	
12	2.37	5.13	1.93	1.10	2.11	2.10	6.26	3.61	1.49	1.25	1.29	1.20	
13	2.47	5.68	1.90	1.08	1.95	2.23	6.47	3.61	1.41	1.22	1.29	1.21	
14	2.57	6.16	1.89	1.07	1.89	2.73	6.70	3.70	1.42	1.22	1.27	1.20	
15	2.87	6.57	1.86	1.04	1.78	2.77	6.93	3.86	1.63	1.26	1.27	1.19	
16	2.90	6.61	1.82	1.02	1.60	2.76	7.17	4.02	1.81	1.29	1.27	1.24	
17	2.93	6.53	1.80	1.09	1.78	2.91	7.37	4.10	1.53	1.28	1.28	1.20	
18	2.95	6.45	1.80	1.10	2.16	3.19	7.03	4.21	1.45	1.28	1.53	1.20	
19	3.00	6.36	1.79	1.08	2.23	3.69	6.93	4.18	1.41	1.29	1.88	1.20	
20	3.00	6.23	1.78	1.08	2.51	4.44	6.84	4.10	1.41	1.32	1.61	1.21	
21	3.00	5.88	1.77	1.09	2.67	4.77	6.74	3.98	1.40	1.28	1.77	1.20	
22	2.85	5.41	1.71	1.05	2.82	4.88	6.56	3.66	1.40	1.29	1.87	1.20	
23	2.65	4.95	1.66	1.04	2.86	4.77	6.29	3.32	1.40	1.29	1.63	1.21	
24	2.50	4.50	1.61	1.10	2.91	4.71	5.68	2.88	1.44	1.29	1.45	1.57	
25	2.40	4.04	1.57	1.17	2.81	4.49	4.09	2.61	1.39	1.28	1.40	1.22	
26	2.30	3.60	1.52	1.18	2.90	3.95	3.63	2.46	1.29	1.29	1.50	1.24	
27	2.45	3.12	1.48	1.28	3.18	3.66	2.99	2.36	1.20	1.28	1.64	1.58	
28	2.57	2.86	1.43	1.39	3.97	3.65	2.80	2.10	1.21	1.28	1.74	1.56	
29	2.80	2.75	1.38	1.76	5.27	3.91	2.67	2.27	1.28	1.28	1.66	1.60	
30	3.05	2.69	1.33	1.79	5.93	4.28	2.50	2.05	1.39	1.28		1.57	
31		2.67		2.10	5.99		2.62		1.32	1.28		1.53	
Mean	2.43	4.49	1.90	1.21	2.77	3.74	5.27	3.34	1.51	1.27	1.42	1.34	
Max	3.05	6.61	2.62	2.10	5.99	5.82	7.37	4.21	1.90	1.32	1.88	1.60	7.37
Min	1.85	2.67	1.33	1.02	1.60	2.10	2.50	2.05	1.20	1.20	1.21	1.18	1.02
Annual Max Momentary Gage Height	7.50												at 18.00 Hours, on Oct 17, 2007
Zero Gage at Bottom Elevation	0.00						1.14						m. (A.D.) ,
Left Bank Elevation		4.55											m. (A.D.) ,
Right Bank Elevation		6.12						4.211					Drainage Are Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.35	16.25	11.20	1.65	10.00	63.38	34.04	14.30	4.50	1.30	1.45	2.70	
2	4.35	17.63	9.90	1.55	10.70	55.55	34.04	16.88	3.55	1.20	1.55	2.75	
3	4.25	18.78	8.80	1.00	9.80	51.90	34.18	18.38	3.45	1.30	1.50	2.80	
4	4.25	20.32	7.10	1.00	8.10	46.90	35.30	19.48	3.45	1.20	1.40	2.85	
5	4.25	22.00	7.60	0.50	8.00	36.66	38.87	22.14	3.55	1.25	1.40	1.95	
6	4.25	25.08	8.10	0.50	7.50	26.48	50.10	19.90	3.50	1.25	1.40	1.65	
7	4.25	27.88	9.00	0.50	9.90	16.00	47.50	20.18	3.50	1.00	1.35	1.30	
8	4.50	28.44	7.50	0.50	10.20	9.50	49.30	20.18	2.75	1.20	1.15	1.25	
9	5.00	26.76	6.80	1.00	9.90	6.90	51.30	20.88	2.45	1.25	1.15	1.15	
10	7.00	30.82	5.00	0.95	9.20	6.80	57.87	22.00	2.50	1.30	1.05	0.90	
11	7.70	37.68	4.75	0.50	7.70	6.80	64.83	22.70	3.75	1.30	1.25	1.00	
12	8.70	46.70	4.65	0.50	6.10	6.00	77.10	22.84	2.45	1.25	1.45	1.00	
13	9.70	59.32	4.50	0.46	4.75	7.30	86.15	22.84	2.05	1.10	1.45	1.05	
14	10.70	73.60	4.45	0.44	4.45	12.30	96.50	24.10	2.10	1.10	1.35	1.00	
15	13.70	90.65	4.30	0.38	3.90	12.70	107.15	26.34	3.15	1.30	1.35	0.95	
16	14.00	92.45	4.10	0.34	3.00	12.60	120.35	28.58	4.05	1.45	1.35	1.20	
17	14.30	88.85	4.00	0.48	3.90	14.10	132.20	29.70	2.65	1.40	1.40	1.00	
18	14.50	85.25	4.00	0.50	6.60	17.13	112.65	31.24	2.25	1.40	2.65	1.00	
19	15.00	81.20	3.95	0.46	7.30	23.96	107.15	30.82	2.05	1.45	4.40	1.00	
20	15.00	76.05	3.90	0.46	10.10	34.46	102.80	29.70	2.05	1.60	3.05	1.05	
21	15.00	65.12	3.85	0.48	11.70	39.89	98.30	28.02	2.00	1.40	3.85	1.00	
22	13.50	52.30	3.55	0.40	13.20	41.76	90.20	23.54	2.00	1.45	4.35	1.00	
23	11.50	43.10	3.30	0.38	13.60	39.89	78.15	18.78	2.00	1.45	3.15	1.05	
24	10.00	35.30	3.05	0.50	14.10	38.87	59.32	13.80	2.20	1.45	2.25	2.85	
25	9.00	28.86	2.85	0.85	13.10	35.16	29.56	11.10	1.95	1.40	2.00	1.10	
26	8.00	22.70	2.60	0.90	14.00	27.60	23.12	9.60	1.45	1.45	2.50	1.20	
27	9.50	16.25	2.40	1.40	17.00	23.54	14.90	8.60	1.00	1.40	3.20	2.90	
28	10.70	13.60	2.15	1.95	27.88	23.40	13.00	6.00	1.05	1.40	3.70	2.80	
29	13.00	12.50	1.90	3.80	49.50	27.04	11.70	7.70	1.40	1.40	3.30	3.00	
30	15.50	11.90	1.65	3.95	66.57	32.22	10.00	5.50	1.95	1.40		2.85	
31		11.70		6.00	68.31		11.20		1.60	1.40		2.65	
Total	285.45	1279.04	150.90	34.28	460.06	796.79	1878.83	595.82	78.35	41.20	61.40	51.95	5714.07 CMSDAY
Mean	9.51	41.26	5.03	1.11	14.84	26.56	60.61	19.86	2.53	1.33	2.12	1.68	15.61 CMS
Max	15.50	92.45	11.20	6.00	68.31	63.38	132.20	31.24	4.50	1.60	4.40	3.00	132.20 CMS
Min	4.25	11.70	1.65	0.34	3.00	6.00	10.00	5.50	1.00	1.00	1.05	0.90	0.34 CMS
Runoff	24.66	110.51	13.04	2.96	39.75	68.84	162.33	51.48	6.77	3.56	5.30	4.49	493.70 MCM
Momentary Peak	141.50	CMS, at 7.50 m. (A.D.), at 18.00 Hours, on Oct 17, 2007											
Runoff Yield	3.72	Liters/Second/Square KM.			Momentary Peak Yield			33.60	Liters/Second/Square KM.				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

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	20.20	0.40	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.80	0.40	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.40	0.20	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.20	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.30	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.60	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.90	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.20	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.80	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.40	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.30	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.30	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.60	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.90	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	1.40	6.20	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	11.80	5.50	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	17.40	4.80	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	18.80	4.10	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	0.00	0.00	21.60	4.10	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	0.00	24.40	3.40	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	25.80	2.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	25.80	1.80	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	25.80	1.60	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	28.60	1.40	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.00	30.00	1.20	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	27.20	1.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.00	25.80	0.80	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	24.40	0.60	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	23.00	0.40	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	21.60	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	0.00	353.40	234.10	1.20	0.00	0.00	0.00	588.70 CMSDAY
Mean	0.00	0.00	0.00	0.00	0.00	0.00	11.40	7.80	0.04	0.00	0.00	0.00	1.61 CMS
Max	0.00	0.00	0.00	0.00	0.00	0.00	30.00	20.20	0.40	0.00	0.00	0.00	30.00 CMS
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.00	0.00	0.00	0.00	0.00	30.53	20.23	0.10	0.00	0.00	0.00	50.86 MCM
Momentary Peak	30.00	CMS, at 122.90 m. (MSL.), at 18.00 Hours, on Oct 25, 2007											
Runoff Yield	1.50	Liters/Second/Square KM. Momentary Peak Yield 27.88 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Huai Khayung at Ban Non Si Khlai, Si Sa Ket (M.176)

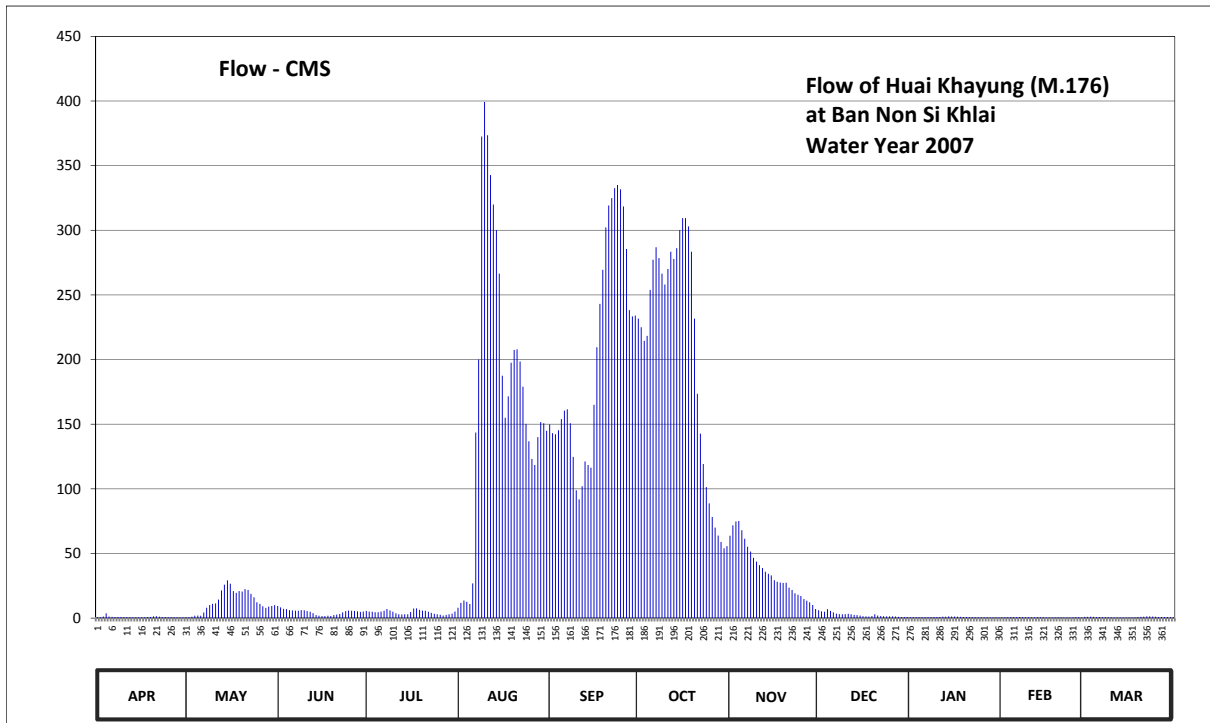
Lat 15 - 00 - 18 N Long 104 - 38 - 14 E

Location : on left bank at Ban Non Si Khlai.

	Ban Non Si Khlai	Amphoe Kanthararom	Changwat Si Sa Ket
Drainage Area	3,131 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+110.210 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation	+124.130 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	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 +119.490 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 48 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	110.87	110.88	111.89	111.50	111.75	117.63	119.22	115.36	111.55	110.91	110.83	110.99	
2	110.87	110.91	111.78	111.46	112.12	117.48	119.10	115.61	111.47	110.90	110.83	110.99	
3	111.04	111.02	111.67	111.44	112.31	117.46	118.91	115.70	111.44	110.90	110.87	111.01	
4	111.32	111.13	111.64	111.41	112.21	117.53	118.98	115.71	111.64	110.89	110.93	110.99	
5	111.05	111.15	111.57	111.41	112.04	117.72	119.59	115.50	111.51	110.89	110.95	110.95	
6	111.00	111.14	111.54	111.46	113.34	117.85	119.98	115.26	111.39	110.89	110.94	110.93	
7	110.95	111.38	111.53	111.52	117.49	117.87	120.12	114.99	111.30	110.90	110.94	110.91	
8	110.93	111.75	111.52	111.65	118.64	117.65	120.00	114.83	111.26	110.91	110.94	110.88	
9	110.94	111.96	111.57	111.54	121.19	117.07	119.80	114.62	111.25	110.94	110.90	110.84	
10	110.91	112.05	111.56	111.44	121.45	116.41	119.66	114.45	111.26	110.93	110.88	110.82	
11	110.87	112.09	111.49	111.32	121.20	116.20	119.86	114.28	111.28	110.95	110.86	110.81	
12	110.88	112.38	111.44	111.24	120.85	116.50	120.07	114.13	111.25	111.01	110.85	110.81	
13	110.86	112.97	111.33	111.23	120.58	116.98	119.99	113.94	111.20	111.03	110.87	110.81	
14	110.83	113.27	111.19	111.24	120.31	116.91	120.11	113.83	111.18	111.06	110.89	110.79	
15	110.83	113.49	111.14	111.25	119.80	116.86	120.31	113.75	111.15	111.05	110.82	110.79	
16	110.82	113.32	111.11	111.42	118.39	117.94	120.44	113.50	111.10	111.04	110.81	110.77	
17	110.84	112.94	111.11	111.69	117.74	118.82	120.44	113.42	111.06	111.02	110.80	110.79	
18	110.94	112.84	111.13	111.71	118.07	119.41	120.35	113.38	111.04	110.99	110.81	110.86	
19	110.96	112.94	111.11	111.59	118.59	119.85	120.07	113.36	111.11	110.96	110.83	110.94	
20	111.08	112.92	111.19	111.53	118.78	120.34	119.22	113.37	111.24	110.94	110.82	110.97	
21	111.10	113.04	111.22	111.52	118.79	120.57	118.11	113.11	111.15	110.90	110.81	111.02	
22	111.01	113.00	111.27	111.45	118.61	120.64	117.47	113.00	111.11	110.89	110.81	111.07	
23	110.96	112.78	111.39	111.36	118.22	120.73	116.93	112.81	111.09	110.88	110.80	111.08	
24	110.94	112.55	111.49	111.28	117.64	120.76	116.48	112.71	111.08	110.85	110.79	111.05	
25	110.91	112.18	111.53	111.24	117.34	120.72	116.11	112.63	111.08	110.83	110.84	111.01	
26	110.90	112.05	111.52	111.21	117.03	120.56	115.80	112.42	111.06	110.82	110.89	110.96	
27	110.88	111.86	111.51	111.15	116.91	120.10	115.56	112.30	111.05	110.82	110.87	110.95	
28	110.86	111.74	111.47	111.20	117.41	119.33	115.37	112.18	110.98	110.81	110.81	110.94	
29	110.85	111.84	111.43	111.25	117.67	119.25	115.15	111.97	110.95	110.83	110.80	110.92	
30	110.86	111.89	111.46	111.29	117.65	119.26	114.94	111.66	110.93	110.85	110.85	110.91	
31		111.95		111.46	117.52		115.01		110.92	110.81		110.90	
Mean	110.94	112.17	111.43	111.40	117.47	118.55	118.49	113.79	111.20	110.92	110.85	110.92	
Max	111.32	113.49	111.89	111.71	121.45	120.76	120.44	115.71	111.64	111.06	110.95	111.08	121.45
Min	110.82	110.88	111.11	111.15	111.75	116.20	114.94	111.66	110.92	110.81	110.79	110.77	110.77
Annual Max Momentary Gage Height	121.47		m. (MSL.) ,				at 12.00 Hours, on Aug 10, 2007						
Zero Gage at Bottom Elevation	110.21		m. (MSL.) ,			River Bed	109.95	m. (MSL.) ,					
Left Bank Elevation		121.22		m. (MSL.) ,									
Right Bank Elevation		119.48		m. (MSL.) ,		Drainage Are	3,131	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.68	0.70	9.40	5.50	8.00	149.85	231.70	63.68	6.00	0.78	0.58	0.98	
2	0.68	0.78	8.30	5.10	11.70	143.10	225.00	71.74	5.20	0.75	0.58	0.98	
3	1.20	1.10	7.20	4.90	13.60	142.20	214.55	74.80	4.90	0.75	0.68	1.05	
4	3.70	1.80	6.90	4.60	12.60	145.35	218.40	75.14	6.90	0.73	0.83	0.98	
5	1.25	2.00	6.20	4.60	10.90	154.00	253.90	68.00	5.60	0.73	0.88	0.88	
6	1.00	1.90	5.90	5.10	26.90	160.50	277.30	61.38	4.40	0.73	0.85	0.83	
7	0.88	4.30	5.80	5.70	143.55	161.50	286.90	55.17	3.50	0.75	0.85	0.78	
8	0.83	8.00	5.70	7.00	200.00	150.75	278.50	51.49	3.10	0.78	0.85	0.70	
9	0.85	10.10	6.20	5.90	372.60	124.80	266.50	46.66	3.00	0.85	0.75	0.60	
10	0.78	11.00	6.10	4.90	399.25	98.94	258.10	43.65	3.10	0.83	0.70	0.55	
11	0.68	11.40	5.40	3.70	373.50	91.80	270.10	41.00	3.30	0.88	0.65	0.53	
12	0.70	14.30	4.90	2.90	342.75	102.00	283.40	38.75	3.00	1.05	0.63	0.53	
13	0.65	21.35	3.80	2.80	320.00	121.20	277.90	35.90	2.50	1.15	0.68	0.53	
14	0.58	25.85	2.40	2.90	300.20	118.40	286.20	34.25	2.30	1.30	0.73	0.48	
15	0.58	29.15	1.90	3.00	266.50	116.40	300.20	33.05	2.00	1.25	0.55	0.48	
16	0.55	26.60	1.60	4.70	187.50	165.00	309.50	29.30	1.50	1.20	0.53	0.43	
17	0.60	20.90	1.60	7.40	155.00	209.60	309.50	28.10	1.30	1.10	0.50	0.48	
18	0.85	19.58	1.80	7.60	171.50	243.10	303.00	27.50	1.20	0.98	0.53	0.65	
19	0.90	20.90	1.60	6.40	197.50	269.50	283.40	27.20	1.60	0.90	0.58	0.85	
20	1.40	20.60	2.40	5.80	207.40	302.30	231.70	27.35	2.90	0.85	0.55	0.93	
21	1.50	22.40	2.70	5.70	207.95	319.25	173.50	23.45	2.00	0.75	0.53	1.10	
22	1.05	21.80	3.20	5.00	198.50	324.90	142.65	21.80	1.60	0.73	0.53	1.35	
23	0.90	18.86	4.40	4.10	179.00	332.55	119.20	19.22	1.45	0.70	0.50	1.40	
24	0.85	16.10	5.40	3.30	150.30	335.10	101.32	18.02	1.40	0.63	0.48	1.25	
25	0.78	12.30	5.80	2.90	136.80	331.70	88.74	17.06	1.40	0.58	0.60	1.05	
26	0.75	11.00	5.70	2.60	123.20	318.50	78.20	14.70	1.30	0.55	0.73	0.90	
27	0.70	9.10	5.60	2.00	118.40	285.50	70.04	13.50	1.25	0.55	0.68	0.88	
28	0.65	7.90	5.20	2.50	139.95	238.30	63.91	12.30	0.95	0.53	0.53	0.85	
29	0.63	8.90	4.80	3.00	151.65	233.50	58.85	10.20	0.88	0.58	0.50	0.80	
30	0.65	9.40	5.10	3.40	150.75	234.10	54.02	7.10	0.83	0.63		0.78	
31		10.00		5.10	144.90		55.63		0.80	0.53		0.75	
Total	27.80	400.07	143.00	140.10	5422.35	6123.69	6371.81	1091.46	81.16	25.10	18.56	25.33	19870.43 CMSDAY
Mean	0.93	12.91	4.77	4.52	174.91	204.12	205.54	36.38	2.62	0.81	0.64	0.82	54.29 CMS
Max	3.70	29.15	9.40	7.60	399.25	335.10	309.50	75.14	6.90	1.30	0.88	1.40	399.25 CMS
Min	0.55	0.70	1.60	2.00	8.00	91.80	54.02	7.10	0.80	0.53	0.48	0.43	0.43 CMS
Runoff	2.40	34.57	12.36	12.10	468.49	529.09	550.52	94.30	7.01	2.17	1.60	2.19	1716.81 MCM
Momentary Peak	401.55	CMS, at 121.47 m. (MSL.), at 12.00 Hours, on Aug 10, 2007											
Runoff Yield	17.39	Liters/Second/Square KM. Momentary Peak Yield 128.25 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

Lam Ta Khong at Ban Lat Bua Khaow, Nakhon Ratchasima (M.177)

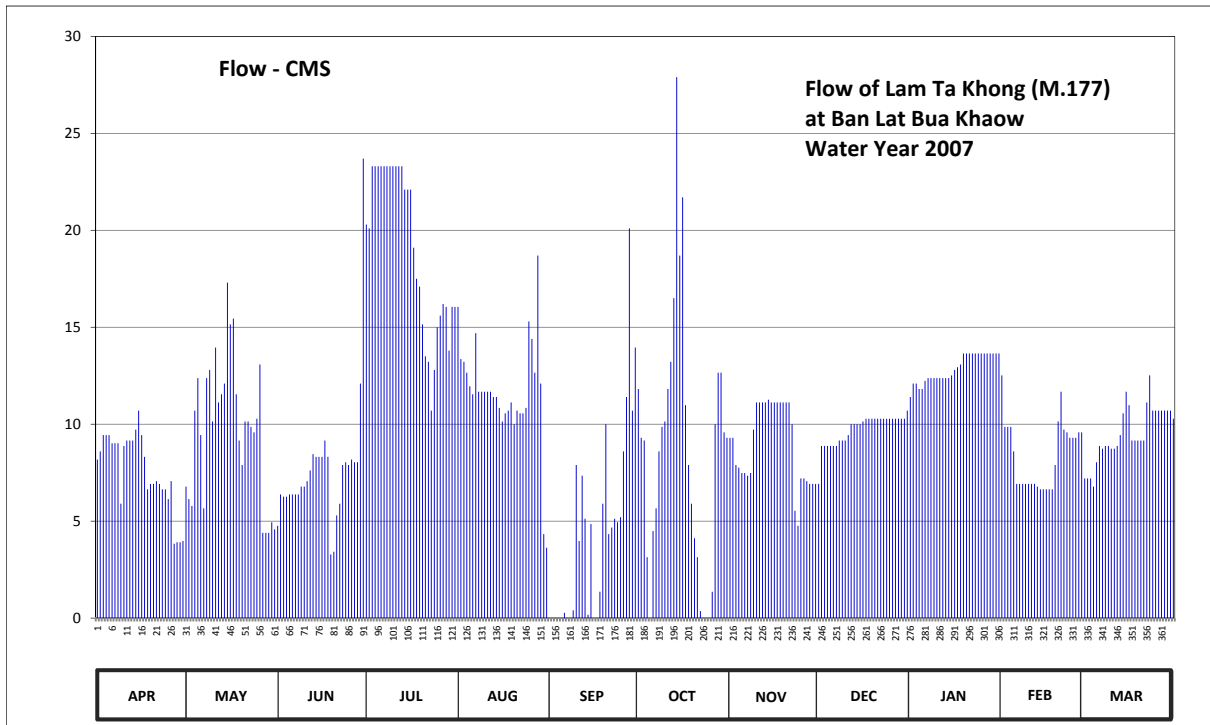
Lat 14 - 50 - 57 N Long 101 - 37 - 12 E

Location : on right bank at the bridge.

	Ban Lat Bua Khaow	Amphoe Si Khui	Changwat Nakhon Ratchasima
Drainage Area	1,519 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+236.700 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the footpath of the bridge.	Elevation	+243.940 m. (MSL.)
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	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 35 discharge measurements made in 2007.		

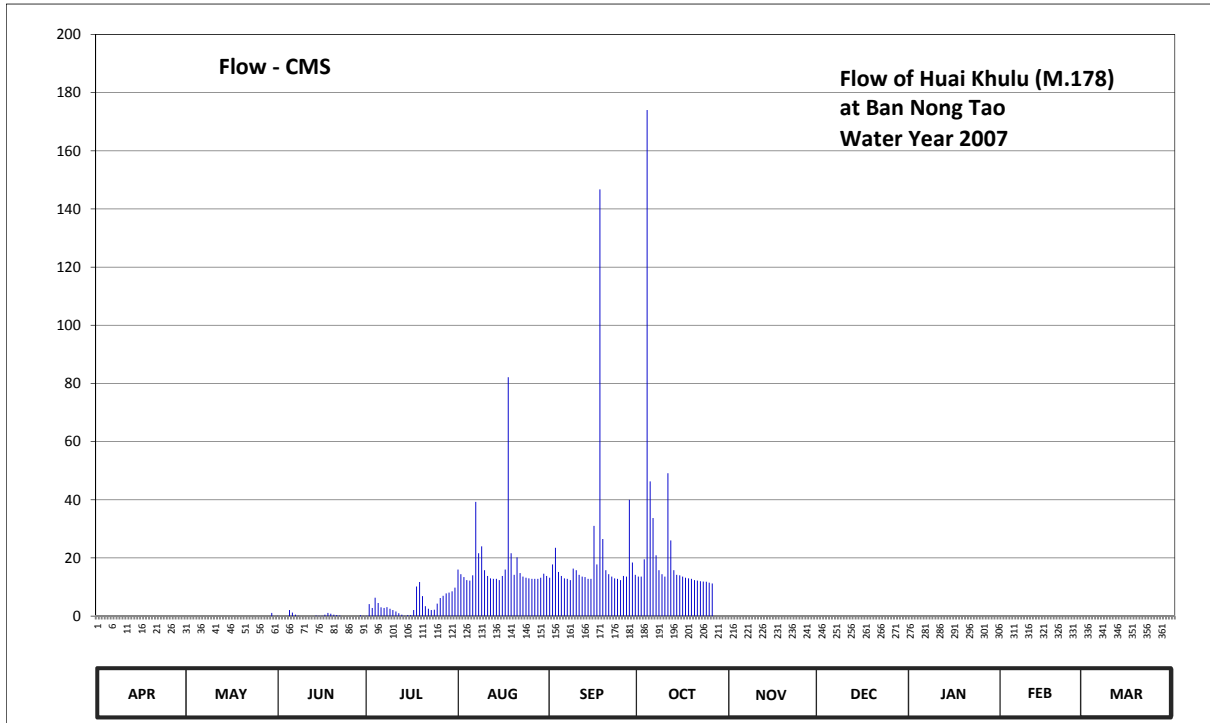
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	239.22	239.12	238.94	239.99	239.77	237.41	239.48	239.30	239.13	239.45	239.53	239.15	
2	239.25	239.07	239.09	239.98	239.59	237.21	239.30	239.30	239.27	239.50	239.34	239.15	
3	239.31	239.04	239.08	240.14	239.58	237.52	239.29	239.20	239.27	239.50	239.34	239.15	
4	239.31	239.40	239.08	240.14	239.54	237.51	238.72	239.19	239.27	239.48	239.34	239.12	
5	239.31	239.52	239.09	240.14	239.49	237.53	237.28	239.17	239.27	239.48	239.25	239.21	
6	239.28	239.31	239.09	240.14	239.46	237.97	238.91	239.17	239.27	239.51	239.13	239.27	
7	239.28	239.03	239.09	240.14	239.68	237.29	239.03	239.16	239.27	239.52	239.13	239.26	
8	239.28	239.52	239.09	240.14	239.47	237.10	239.25	239.17	239.29	239.52	239.13	239.27	
9	239.05	239.55	239.12	240.14	239.47	238.05	239.34	239.33	239.29	239.52	239.13	239.27	
10	239.27	239.36	239.12	240.14	239.47	239.20	239.36	239.43	239.29	239.52	239.13	239.26	
11	239.29	239.63	239.14	240.14	239.47	238.84	239.48	239.43	239.31	239.52	239.13	239.26	
12	239.29	239.43	239.18	240.14	239.47	239.16	239.58	239.43	239.35	239.52	239.13	239.27	
13	239.29	239.46	239.24	240.14	239.45	238.98	239.80	239.43	239.35	239.52	239.12	239.31	
14	239.33	239.50	239.23	240.08	239.45	237.87	240.37	239.44	239.35	239.52	239.11	239.39	
15	239.40	239.84	239.23	240.08	239.41	238.95	239.91	239.43	239.35	239.53	239.11	239.47	
16	239.31	239.71	239.23	240.08	239.36	237.55	240.06	239.43	239.36	239.55	239.11	239.42	
17	239.23	239.73	239.29	239.93	239.39	237.26	239.42	239.43	239.37	239.56	239.11	239.29	
18	239.11	239.46	239.23	239.85	239.40	238.39	239.20	239.43	239.37	239.57	239.11	239.29	
19	239.13	239.29	238.74	239.83	239.43	239.05	239.05	239.43	239.37	239.61	239.20	239.29	
20	239.13	239.20	238.76	239.71	239.35	239.35	238.86	239.43	239.37	239.61	239.36	239.29	
21	239.14	239.36	239.00	239.60	239.40	238.89	238.72	239.43	239.37	239.61	239.47	239.29	
22	239.13	239.36	239.05	239.58	239.39	238.93	238.03	239.35	239.37	239.61	239.33	239.43	
23	239.11	239.34	239.20	239.40	239.39	238.98	237.62	239.02	239.37	239.61	239.32	239.53	
24	239.11	239.32	239.21	239.55	239.41	238.96	237.56	238.94	239.37	239.61	239.30	239.40	
25	239.07	239.37	239.20	239.70	239.72	238.99	237.47	239.15	239.37	239.61	239.30	239.40	
26	239.14	239.57	239.22	239.74	239.66	239.25	238.39	239.15	239.37	239.61	239.30	239.40	
27	238.82	238.90	239.21	239.78	239.54	239.45	239.35	239.14	239.37	239.61	239.32	239.40	
28	238.83	238.90	239.21	239.77	239.91	239.98	239.54	239.13	239.37	239.61	239.32	239.40	
29	238.83	238.90	239.50	239.62	239.50	239.40	239.54	239.13	239.37	239.61	239.17	239.40	
30	238.84	238.96	240.16	239.77	238.89	239.63	239.32	239.13	239.37	239.61	239.32	239.40	
31		238.92		239.77	238.79		239.30		239.40	239.61		239.37	
Mean	239.17	239.32	239.17	239.91	239.46	238.49	239.05	239.28	239.33	239.56	239.23	239.32	
Max	239.40	239.84	240.16	240.14	239.91	239.98	240.37	239.44	239.40	239.61	239.53	239.53	240.37
Min	238.82	238.90	238.74	239.40	238.79	237.10	237.28	238.94	239.13	239.45	239.11	239.12	237.10
Annual Max Momentary Gage Height	240.79		m. (MSL.) ,				at 18.00 Hours, on Oct 14, 2007						
Zero Gage at Bottom Elevation	236.70		m. (MSL.) ,			River Bed	237.58		m. (MSL.) ,				
Left Bank Elevation	243.80		m. (MSL.) ,										
Right Bank Elevation	243.33		m. (MSL.) ,			Drainage Are	1,519		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	8.18	6.78	4.76	20.30	16.05	0.00	11.82	9.30	6.92	11.40	12.52	7.20		
2	8.60	6.14	6.38	20.10	13.36	0.00	9.30	9.30	8.88	12.10	9.86	7.20		
3	9.44	5.78	6.26	23.30	13.22	0.00	9.16	7.90	8.88	12.10	9.86	7.20		
4	9.44	10.70	6.26	23.30	12.66	0.00	3.14	7.76	8.88	11.82	9.86	6.78		
5	9.44	12.38	6.38	23.30	11.96	0.00	0.00	7.48	8.88	11.82	8.60	8.04		
6	9.02	9.44	6.38	23.30	11.54	0.27	4.49	7.48	8.88	12.24	6.92	8.88		
7	9.02	5.66	6.38	23.30	14.70	0.00	5.66	7.34	8.88	12.38	6.92	8.74		
8	9.02	12.38	6.38	23.30	11.68	0.00	8.60	7.48	9.16	12.38	6.92	8.88		
9	5.90	12.80	6.78	23.30	11.68	0.40	9.86	9.72	9.16	12.38	6.92	8.88		
10	8.88	10.14	6.78	23.30	11.68	7.90	10.14	11.12	9.16	12.38	6.92	8.74		
11	9.16	13.95	7.06	23.30	11.68	3.98	11.82	11.12	9.44	12.38	6.92	8.74		
12	9.16	11.12	7.62	23.30	11.68	7.34	13.22	11.12	10.00	12.38	6.92	8.88		
13	9.16	11.54	8.46	23.30	11.40	5.12	16.50	11.12	10.00	12.38	6.78	9.44		
14	9.72	12.10	8.32	22.10	11.40	0.17	27.90	11.26	10.00	12.38	6.64	10.56		
15	10.70	17.30	8.32	22.10	10.84	4.85	18.70	11.12	10.00	12.52	6.64	11.68		
16	9.44	15.15	8.32	22.10	10.14	0.00	21.70	11.12	10.14	12.80	6.64	10.98		
17	8.32	15.45	9.16	19.10	10.56	0.00	10.98	11.12	10.28	12.94	6.64	9.16		
18	6.64	11.54	8.32	17.50	10.70	1.36	7.90	11.12	10.28	13.08	6.64	9.16		
19	6.92	9.16	3.28	17.10	11.12	5.90	5.90	11.12	10.28	13.65	7.90	9.16		
20	6.92	7.90	3.42	15.15	10.00	10.00	4.12	11.12	10.28	13.65	10.14	9.16		
21	7.06	10.14	5.30	13.50	10.70	4.33	3.14	11.12	10.28	13.65	11.68	9.16		
22	6.92	10.14	5.90	13.22	10.56	4.67	0.36	10.00	10.28	13.65	9.72	11.12		
23	6.64	9.86	7.90	10.70	10.56	5.12	0.00	5.54	10.28	13.65	9.58	12.52		
24	6.64	9.58	8.04	12.80	10.84	4.94	0.00	4.76	10.28	13.65	9.30	10.70		
25	6.14	10.28	7.90	15.00	15.30	5.21	0.00	7.20	10.28	13.65	9.30	10.70		
26	7.06	13.08	8.18	15.60	14.40	8.60	1.36	7.20	10.28	13.65	9.30	10.70		
27	3.84	4.40	8.04	16.20	12.66	11.40	10.00	7.06	10.28	13.65	9.58	10.70		
28	3.91	4.40	8.04	16.05	18.70	20.10	12.66	6.92	10.28	13.65	9.58	10.70		
29	3.91	4.40	12.10	13.80	12.10	10.70	12.66	6.92	10.28	13.65	7.48	10.70		
30	3.98	4.94	23.70	16.05	4.33	13.95	9.58	6.92	10.28	13.65		10.70		
31		4.58		16.05	3.63		9.30		10.70	13.65		10.28		
Total	229.18	303.21	230.12	590.82	361.83	136.31	269.97	269.86	301.88	399.31	242.68	295.44	3630.61	CMSDAY
Mean	7.64	9.78	7.67	19.06	11.67	4.54	8.71	9.00	9.74	12.88	8.37	9.53	9.92	CMS
Max	10.70	17.30	23.70	23.30	18.70	20.10	27.90	11.26	10.70	13.65	12.52	12.52	27.90	CMS
Min	3.84	4.40	3.28	10.70	3.63	0.00	0.00	4.76	6.92	11.40	6.64	6.78	0.00	CMS
Runoff	19.80	26.20	19.88	51.05	31.26	11.78	23.33	23.32	26.08	34.50	20.97	25.53	313.68	MCM
Momentary Peak	36.30	CMS, at 240.79 m. (MSL), at 18.00 Hours, on Oct 14, 2007												
Runoff Yield	6.55	Liters/Second/Square KM.		Momentary Peak Yield		23.90	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.10	0.10	16.00	13.20	13.60	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	4.10	14.40	17.75	13.60	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	2.80	13.40	23.50	19.50	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	6.30	12.40	15.20	174.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	2.10	4.50	12.20	13.80	46.30	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	1.20	3.00	14.00	13.00	33.70	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.50	2.80	39.30	12.80	20.90	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.10	3.10	21.60	12.40	15.80	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	2.50	24.00	16.35	14.40	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	2.10	15.80	15.80	13.60	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	1.60	13.80	14.20	49.10	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	1.00	13.00	13.60	26.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.50	12.80	13.40	15.80	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.20	0.10	12.80	12.80	14.20	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.10	0.40	12.40	12.80	14.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.10	0.40	13.80	31.00	13.60	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.50	2.10	16.00	17.75	13.20	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	1.10	10.20	82.15	146.70	13.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.80	11.70	21.60	26.50	12.80	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.50	6.90	14.20	15.80	12.40	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.40	3.40	20.20	14.40	12.20	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.20	2.50	14.80	13.60	12.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	2.10	13.60	13.00	11.90	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	2.20	13.20	12.80	11.80	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	4.30	13.00	12.40	11.50	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	6.20	12.80	13.80	11.20	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	7.00	12.80	13.60	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	7.80	12.80	40.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.30	8.10	13.20	18.45	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	1.10	0.10	8.50	14.60	14.20	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	9.80	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	1.10	8.30	128.10	550.45	624.60	620.10	0.00	0.00	0.00	0.00	0.00	1932.65 CMSDAY
Mean	0.00	0.04	0.28	4.13	17.76	20.82	20.00	0.00	0.00	0.00	0.00	0.00	5.28 CMS
Max	0.00	1.10	2.10	11.70	82.15	146.70	174.00	0.00	0.00	0.00	0.00	0.00	174.00 CMS
Min	0.00	0.00	0.00	0.10	12.20	12.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	0.10	0.72	11.07	47.56	53.97	53.58	0.00	0.00	0.00	0.00	0.00	166.98 MCM
Momentary Peak	310.00	CMS, at 3.80 m. (A.D.), at 18.00 Hours, on Oct 4, 2007											
Runoff Yield	41.37	Liters/Second/Square KM. Momentary Peak Yield 2421.88 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

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

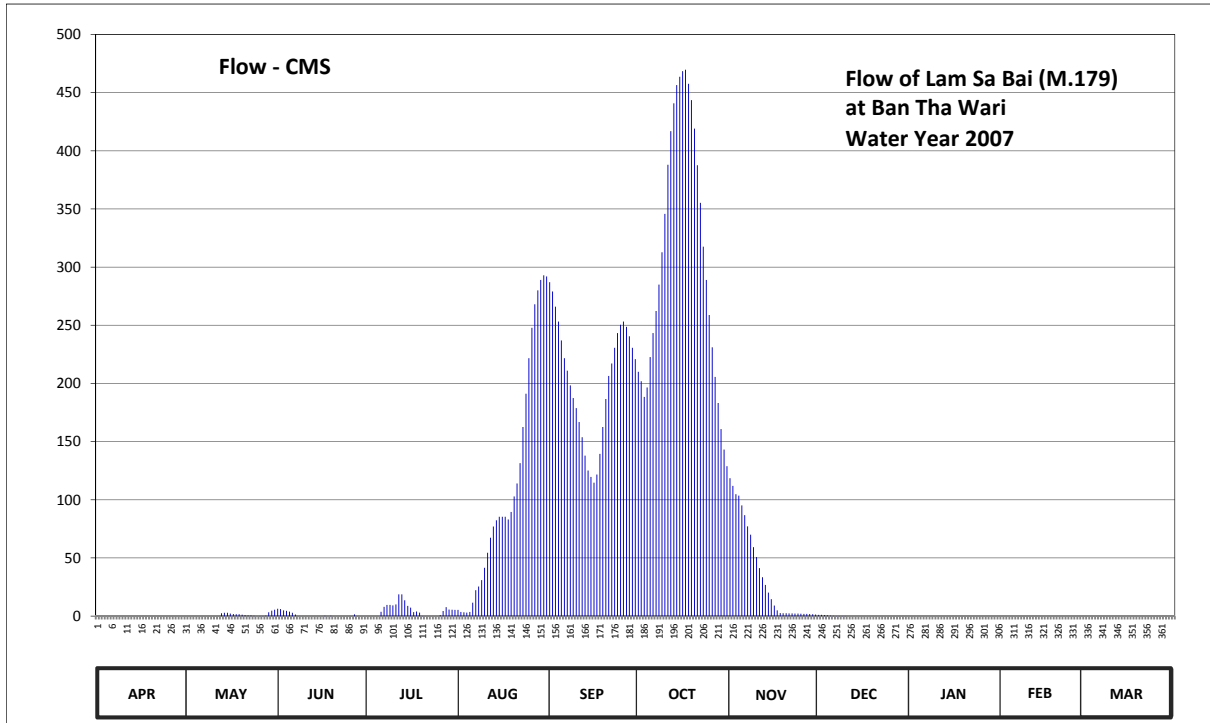
Lat 15 - 19 - 34 N Long 104 - 41 - 08 E

Location : on right bank at the bridge.

	Ban	Tha Wari	Amphoe	Khueang Nai	Changwat	Ubon Ratchathani
Drainage Area	3,881	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+106.340 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank at the footpath of the bridge.				Elevation	+120.090 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 because of backwater effect.					
Overbank Flow Conditions	Overbank flow starts at elevation +114.230 m.(MSL.), records are channel flow only					
General Description	Records good. Stage-discharge relation defined by 28 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	108.22	108.01	108.79	108.20	108.72	113.13	112.30	113.05	109.91	108.23	108.23	108.21	
2	108.19	108.01	108.77	108.20	108.59	113.05	112.21	113.00	109.82	108.22	108.21	108.20	
3	108.15	108.00	108.70	108.20	108.56	112.92	112.06	112.94	109.62	108.22	108.21	108.18	
4	108.14	108.00	108.66	108.19	108.54	112.78	112.15	112.93	109.33	108.22	108.21	108.17	
5	108.13	108.06	108.61	108.18	108.59	112.60	112.44	112.86	108.82	108.22	108.21	108.22	
6	108.11	108.15	108.53	108.60	109.05	112.43	112.67	112.79	108.69	108.22	108.20	108.22	
7	108.09	108.18	108.41	108.90	109.41	112.31	112.88	112.71	108.57	108.22	108.19	108.26	
8	108.07	108.18	108.26	108.98	109.51	112.17	113.11	112.65	108.44	108.22	108.17	108.26	
9	108.07	108.18	108.19	108.98	109.65	112.05	113.38	112.56	108.42	108.22	108.16	108.25	
10	108.07	108.20	108.16	108.96	109.89	111.95	113.68	112.49	108.39	108.22	108.14	108.24	
11	108.07	108.23	108.14	109.00	110.15	111.81	114.05	112.41	108.34	108.22	108.14	108.24	
12	108.07	108.28	108.19	109.29	110.39	111.65	114.29	112.34	108.33	108.22	108.17	108.24	
13	108.07	108.50	108.19	109.29	110.55	111.44	114.49	112.28	108.28	108.22	108.22	108.23	
14	108.07	108.53	108.15	109.12	110.64	111.26	114.62	112.22	108.22	108.22	108.17	108.24	
15	108.06	108.53	108.17	108.94	110.69	111.18	114.68	112.15	108.18	108.21	108.15	108.24	
16	108.06	108.48	108.18	108.85	110.69	111.11	114.72	112.06	108.18	108.21	108.14	108.23	
17	108.05	108.44	108.32	108.57	110.69	111.21	114.73	111.97	108.18	108.21	108.15	108.22	
18	108.05	108.43	108.25	108.62	110.65	111.46	114.71	111.90	108.17	108.21	108.18	108.21	
19	108.06	108.43	108.32	108.54	110.75	111.76	114.67	111.82	108.17	108.21	108.21	108.21	
20	108.06	108.40	108.29	108.31	110.94	112.04	114.60	111.73	108.17	108.21	108.16	108.22	
21	108.06	108.37	108.16	108.26	111.10	112.26	114.51	111.64	108.26	108.21	108.14	108.23	
22	108.05	108.34	108.16	108.24	111.35	112.38	114.41	111.55	108.30	108.21	108.15	108.24	
23	108.05	108.34	108.13	108.22	111.76	112.53	114.29	111.47	108.29	108.21	108.21	108.22	
24	108.05	108.32	108.12	108.22	112.09	112.67	114.17	111.38	108.30	108.21	108.19	108.23	
25	108.04	108.30	108.13	108.24	112.43	112.75	114.01	111.26	108.28	108.21	108.19	108.24	
26	108.04	108.31	108.25	108.37	112.72	112.78	113.85	111.13	108.24	108.21	108.21	108.23	
27	108.03	108.31	108.42	108.65	112.94	112.73	113.69	111.00	108.24	108.21	108.19	108.23	
28	108.02	108.33	108.29	108.88	113.06	112.64	113.53	110.87	108.26	108.21	108.19	108.23	
29	108.02	108.56	108.23	108.74	113.15	112.53	113.37	110.56	108.26	108.21	108.24	108.23	
30	108.02	108.67	108.21	108.73	113.19	112.42	113.24	110.21	108.24	108.21	108.21	108.23	
31		108.73		108.72	113.18		113.13		108.23	108.21		108.23	
Mean	108.07	108.32	108.31	108.62	110.76	112.20	113.70	112.00	108.49	108.21	108.18	108.23	
Max	108.22	108.73	108.79	109.29	113.19	113.13	114.73	113.05	109.91	108.23	108.24	108.26	114.73
Min	108.02	108.00	108.12	108.18	108.54	111.11	112.06	110.21	108.17	108.21	108.14	108.17	108.00
Annual Max Momentary Gage Height	114.73		m. (MSL.) ,				at 15.00 Hours, on Oct 16, 2007						
Zero Gage at Bottom Elevation	106.34		m. (MSL.) ,			River Bed	106.73	m. (MSL.) ,					
Left Bank Elevation		116.03		m. (MSL.) ,									
Right Bank Elevation		114.22		m. (MSL.) ,		Drainage Are	3,881	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	6.35	0.00	5.30	287.00	210.00	118.50	1.13	0.00	0.00	0.00	
2	0.00	0.00	6.05	0.00	3.63	279.00	201.90	112.00	1.06	0.00	0.00	0.00	
3	0.00	0.00	5.00	0.00	3.25	266.00	188.40	104.80	0.92	0.00	0.00	0.00	
4	0.00	0.00	4.50	0.00	3.00	253.20	196.50	103.60	0.72	0.00	0.00	0.00	
5	0.00	0.00	3.88	0.00	3.63	237.00	222.60	95.20	0.36	0.00	0.00	0.00	
6	0.00	0.00	2.88	3.75	11.50	221.70	243.30	86.80	0.27	0.00	0.00	0.00	
7	0.00	0.00	1.38	8.00	22.30	210.90	262.20	77.20	0.19	0.00	0.00	0.00	
8	0.00	0.00	0.00	9.60	25.40	198.30	285.00	70.00	0.10	0.00	0.00	0.00	
9	0.00	0.00	0.00	9.60	31.00	187.50	312.80	59.20	0.08	0.00	0.00	0.00	
10	0.00	0.00	0.00	9.20	41.50	178.75	345.80	50.80	0.06	0.00	0.00	0.00	
11	0.00	0.00	0.00	10.00	54.50	166.85	388.00	41.20	0.03	0.00	0.00	0.00	
12	0.00	0.00	0.00	18.70	67.40	153.75	416.80	33.40	0.02	0.00	0.00	0.00	
13	0.00	2.50	0.00	18.70	77.00	138.00	440.80	26.80	0.00	0.00	0.00	0.00	
14	0.00	2.88	0.00	13.60	82.40	125.20	456.40	20.20	0.00	0.00	0.00	0.00	
15	0.00	2.88	0.00	8.80	85.40	119.60	463.60	14.50	0.00	0.00	0.00	0.00	
16	0.00	2.25	0.00	7.25	85.40	114.70	468.40	9.00	0.00	0.00	0.00	0.00	
17	0.00	1.75	0.25	3.38	85.40	121.70	469.60	4.98	0.00	0.00	0.00	0.00	
18	0.00	1.63	0.00	4.00	83.00	139.50	457.50	2.60	0.00	0.00	0.00	0.00	
19	0.00	1.63	0.25	3.00	89.50	162.60	443.50	2.48	0.00	0.00	0.00	0.00	
20	0.00	1.25	0.00	0.13	102.80	186.60	419.00	2.40	0.00	0.00	0.00	0.00	
21	0.00	0.88	0.00	0.00	114.00	206.40	387.50	2.34	0.00	0.00	0.00	0.00	
22	0.00	0.50	0.00	0.00	131.50	217.20	355.20	2.28	0.00	0.00	0.00	0.00	
23	0.00	0.50	0.00	0.00	162.60	230.70	317.50	2.22	0.00	0.00	0.00	0.00	
24	0.00	0.25	0.00	0.00	191.10	243.30	289.00	2.16	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	221.70	250.50	258.80	2.07	0.00	0.00	0.00	0.00	
26	0.00	0.13	0.00	0.88	247.80	253.20	231.00	1.98	0.00	0.00	0.00	0.00	
27	0.00	0.13	1.50	4.38	268.00	248.70	205.60	1.89	0.00	0.00	0.00	0.00	
28	0.00	0.38	0.00	7.70	280.00	240.60	183.20	1.80	0.00	0.00	0.00	0.00	
29	0.00	3.25	0.00	5.60	289.00	230.70	160.80	1.58	0.00	0.00	0.00	0.00	
30	0.00	4.63	0.00	5.45	293.00	220.80	143.20	1.34	0.00	0.00	0.00	0.00	
31	0.00	5.45	0.00	5.30	292.00	220.80	128.90	1.34	0.00	0.00	0.00	0.00	
Total	0.00	32.87	32.04	157.02	3454.01	6089.95	9552.80	1055.32	4.94	0.00	0.00	0.00	20378.95 CMSDAY
Mean	0.00	1.06	1.07	5.07	111.42	203.00	308.15	35.18	0.16	0.00	0.00	0.00	55.68 CMS
Max	0.00	5.45	6.35	18.70	293.00	287.00	469.60	118.50	1.13	0.00	0.00	0.00	469.60 CMS
Min	0.00	0.00	0.00	0.00	3.00	114.70	128.90	1.34	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	2.84	2.77	13.57	298.43	526.17	825.36	91.18	0.43	0.00	0.00	0.00	1760.74 MCM
Momentary Peak	469.60	CMS, at 114.73 m. (MSL), at 15.00 Hours, on Oct 16, 2007											
Runoff Yield	14.39	Liters/Second/Square KM. Momentary Peak Yield 121.00 Liters/Second/Square KM.											

WATER YEAR : 2007

MUN RIVER BASIN

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

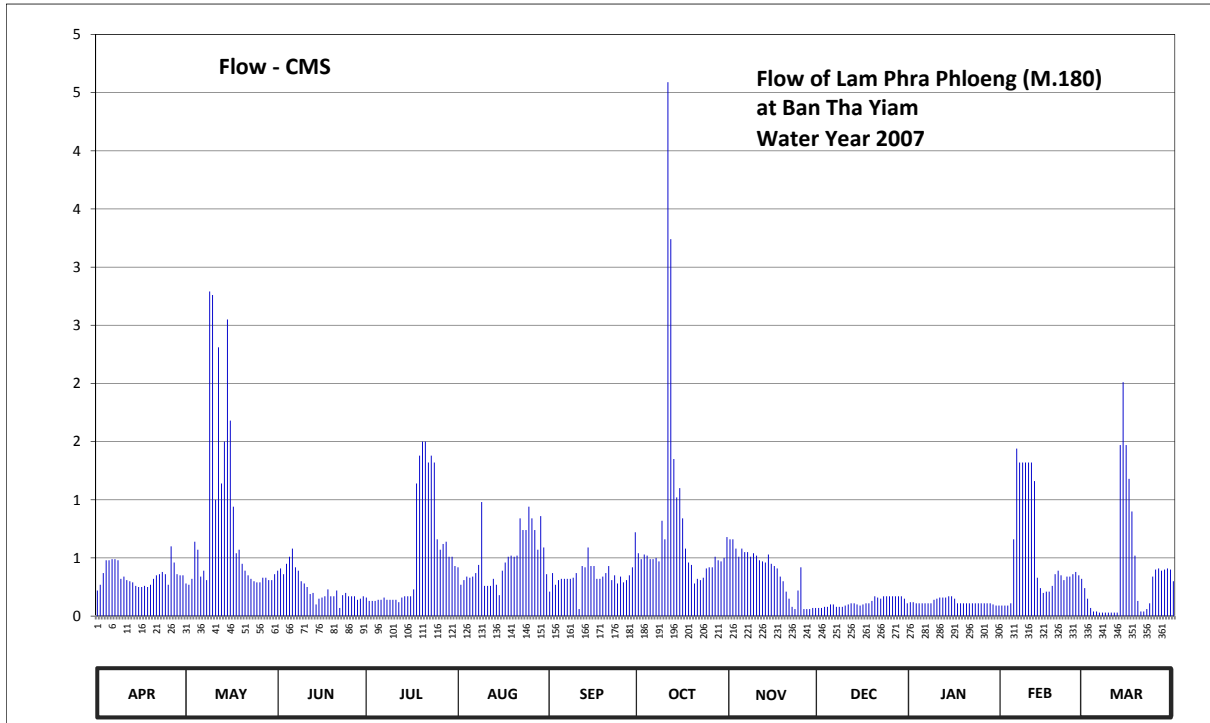
Lat 14 - 38 - 04 N Long 101 - 53 - 16 E

Location : on left bank at Ban Tha Yiam

	Ban Tha Yiam	Amphoe Pak Thong Chai	Changwat Nakhon Ratchasima
Drainage Area	864 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+219.210 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the footpath of the bridge.	Elevation +227.890 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 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	219.62	219.68	219.79	219.56	219.82	219.61	219.94	220.03	219.44	219.52	219.47	219.64	
2	219.67	219.67	219.81	219.53	219.67	219.77	219.89	220.03	219.44	219.52	219.47	219.55	
3	219.77	219.72	219.76	219.53	219.71	219.67	219.93	219.98	219.45	219.51	219.47	219.43	
4	219.88	220.02	219.85	219.53	219.74	219.71	219.92	219.91	219.46	219.51	219.51	219.38	
5	219.88	219.97	219.91	219.54	219.73	219.72	219.89	219.98	219.49	219.51	220.03	219.38	
6	219.89	219.74	219.98	219.54	219.74	219.72	219.89	219.95	219.50	219.51	220.38	219.34	
7	219.89	219.79	219.82	219.56	219.77	219.72	219.90	219.95	219.45	219.51	220.34	219.35	
8	219.88	219.71	219.79	219.54	219.84	219.72	219.87	219.91	219.45	219.51	220.34	219.35	
9	219.72	220.83	219.70	219.54	220.19	219.73	220.11	219.94	219.46	219.54	220.34	219.35	
10	219.74	220.82	219.68	219.54	219.66	219.77	220.03	219.92	219.47	219.55	220.34	219.35	
11	219.71	220.20	219.65	219.54	219.66	219.42	221.43	219.88	219.49	219.56	220.34	219.36	
12	219.70	220.67	219.59	219.52	219.66	219.83	220.98	219.87	219.51	219.56	220.28	219.36	
13	219.69	220.27	219.60	219.56	219.72	219.82	220.35	219.86	219.51	219.56	219.73	220.39	
14	219.66	220.40	219.49	219.57	219.67	219.99	220.21	219.93	219.49	219.57	219.64	220.57	
15	219.65	220.75	219.55	219.57	219.58	219.83	220.25	219.85	219.47	219.57	219.60	220.39	
16	219.65	220.46	219.56	219.57	219.79	219.83	220.12	219.83	219.49	219.55	219.61	220.29	
17	219.66	220.17	219.57	219.63	219.86	219.72	219.98	219.81	219.51	219.51	219.61	220.15	
18	219.65	219.94	219.63	220.27	219.91	219.72	219.86	219.74	219.51	219.51	219.66	219.92	
19	219.67	219.97	219.57	220.36	219.92	219.74	219.84	219.70	219.53	219.51	219.76	219.53	
20	219.72	219.85	219.57	220.40	219.91	219.77	219.68	219.61	219.57	219.51	219.79	219.38	
21	219.75	219.79	219.62	220.40	219.92	219.83	219.72	219.55	219.56	219.51	219.75	219.38	
22	219.76	219.75	219.44	220.34	220.12	219.71	219.71	219.45	219.55	219.51	219.71	219.41	
23	219.78	219.72	219.58	220.36	220.07	219.75	219.73	219.42	219.57	219.51	219.74	219.51	
24	219.76	219.70	219.60	220.34	220.07	219.68	219.81	219.62	219.57	219.51	219.74	219.74	
25	219.67	219.69	219.67	220.03	220.17	219.74	219.82	219.82	219.57	219.51	219.76	219.80	
26	220.00	219.69	219.57	219.97	220.12	219.69	219.82	219.42	219.57	219.51	219.78	219.81	
27	219.86	219.73	219.57	220.01	220.07	219.71	219.91	219.41	219.57	219.51	219.75	219.79	
28	219.76	219.73	219.54	220.02	219.97	219.75	219.88	219.41	219.57	219.51	219.72	219.80	
29	219.75	219.71	219.55	219.91	220.13	219.82	219.87	219.43	219.57	219.50	219.66	219.81	
30	219.75	219.71	219.57	219.91	219.99	220.06	219.90	219.44	219.55	219.47	219.76	219.80	
31		219.76		219.83	219.76		220.04		219.51	219.47		219.70	
Mean	219.75	219.99	219.65	219.82	219.87	219.75	220.01	219.75	219.51	219.52	219.84	219.68	
Max	220.00	220.83	219.98	220.40	220.19	220.06	221.43	220.03	219.57	219.57	220.38	220.57	221.43
Min	219.62	219.67	219.44	219.52	219.58	219.42	219.68	219.41	219.44	219.47	219.47	219.34	219.34
Annual Max Momentary Gage Height	221.81		m. (MSL.) ,				at 18.00 Hours, on Oct 11, 2007						
Zero Gage at Bottom Elevation	219.21		m. (MSL.) ,			River Bed	219.22	m. (MSL.) ,					
Left Bank Elevation		224.22		m. (MSL.) ,									
Right Bank Elevation		223.26		m. (MSL.) ,		Drainage Are	864	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.22	0.28	0.39	0.16	0.42	0.21	0.54	0.66	0.07	0.12	0.09	0.24	
2	0.27	0.27	0.41	0.13	0.27	0.37	0.49	0.66	0.07	0.12	0.09	0.15	
3	0.37	0.32	0.36	0.13	0.31	0.27	0.53	0.58	0.08	0.11	0.09	0.07	
4	0.48	0.64	0.45	0.13	0.34	0.31	0.52	0.51	0.08	0.11	0.11	0.04	
5	0.48	0.57	0.51	0.14	0.33	0.32	0.49	0.58	0.10	0.11	0.66	0.04	
6	0.49	0.34	0.58	0.14	0.34	0.32	0.49	0.55	0.10	0.11	1.44	0.03	
7	0.49	0.39	0.42	0.16	0.37	0.32	0.50	0.55	0.08	0.11	1.32	0.03	
8	0.48	0.31	0.39	0.14	0.44	0.32	0.47	0.51	0.08	0.11	1.32	0.03	
9	0.32	2.79	0.30	0.14	0.98	0.33	0.82	0.54	0.08	0.14	1.32	0.03	
10	0.34	2.76	0.28	0.14	0.26	0.37	0.66	0.52	0.09	0.15	1.32	0.03	
11	0.31	1.00	0.25	0.14	0.26	0.06	4.59	0.48	0.10	0.16	1.32	0.03	
12	0.30	2.31	0.19	0.12	0.26	0.43	3.24	0.47	0.11	0.16	1.16	0.03	
13	0.29	1.14	0.20	0.16	0.32	0.42	1.35	0.46	0.11	0.16	0.33	1.47	
14	0.26	1.50	0.10	0.17	0.27	0.59	1.02	0.53	0.10	0.17	0.24	2.01	
15	0.25	2.55	0.15	0.17	0.18	0.43	1.10	0.45	0.09	0.17	0.20	1.47	
16	0.25	1.68	0.16	0.17	0.39	0.43	0.84	0.43	0.10	0.15	0.21	1.18	
17	0.26	0.94	0.17	0.23	0.46	0.32	0.58	0.41	0.11	0.11	0.21	0.90	
18	0.25	0.54	0.23	1.14	0.51	0.32	0.46	0.34	0.11	0.11	0.26	0.52	
19	0.27	0.57	0.17	1.38	0.52	0.34	0.44	0.30	0.13	0.11	0.36	0.13	
20	0.32	0.45	0.17	1.50	0.51	0.37	0.28	0.21	0.17	0.11	0.39	0.04	
21	0.35	0.39	0.22	1.50	0.52	0.43	0.32	0.15	0.16	0.11	0.35	0.04	
22	0.36	0.35	0.07	1.32	0.84	0.31	0.31	0.08	0.15	0.11	0.31	0.06	
23	0.38	0.32	0.18	1.38	0.74	0.35	0.33	0.06	0.17	0.11	0.34	0.11	
24	0.36	0.30	0.20	1.32	0.74	0.28	0.41	0.22	0.17	0.11	0.34	0.34	
25	0.27	0.29	0.17	0.66	0.94	0.34	0.42	0.42	0.17	0.11	0.36	0.40	
26	0.60	0.29	0.17	0.57	0.84	0.29	0.42	0.06	0.17	0.11	0.38	0.41	
27	0.46	0.33	0.17	0.62	0.74	0.31	0.51	0.06	0.17	0.11	0.35	0.39	
28	0.36	0.33	0.14	0.64	0.57	0.35	0.48	0.06	0.17	0.11	0.32	0.40	
29	0.35	0.31	0.15	0.51	0.86	0.42	0.47	0.07	0.17	0.10	0.26	0.41	
30	0.35	0.31	0.17	0.51	0.59	0.72	0.50	0.07	0.15	0.09		0.40	
31		0.36		0.43	0.36		0.68		0.11	0.09		0.30	
Total	10.54	24.93	7.52	16.05	15.48	10.65	24.26	10.99	3.72	3.76	15.45	11.73	155.08 CMSDAY
Mean	0.35	0.80	0.25	0.52	0.50	0.35	0.78	0.37	0.12	0.12	0.53	0.38	0.42 CMS
Max	0.60	2.79	0.58	1.50	0.98	0.72	4.59	0.66	0.17	0.17	1.44	2.01	4.59 CMS
Min	0.22	0.27	0.07	0.12	0.18	0.06	0.28	0.06	0.07	0.09	0.09	0.03	0.03 CMS
Runoff	0.91	2.15	0.65	1.39	1.34	0.92	2.10	0.95	0.32	0.32	1.33	1.01	13.40 MCM
Momentary Peak	5.74	CMS, at 221.81 m. (MSL), at 18.00 Hours, on Oct 11, 2007											
Runoff Yield	0.49	Liters/Second/Square KM.		Momentary Peak Yield		6.64	Liters/Second/Square KM.						

WATER YEAR : 2007

MUN RIVER BASIN

Huai Hin Lap at Ban Khlong Hin Lap, Nakhon Ratchasima (M.183)

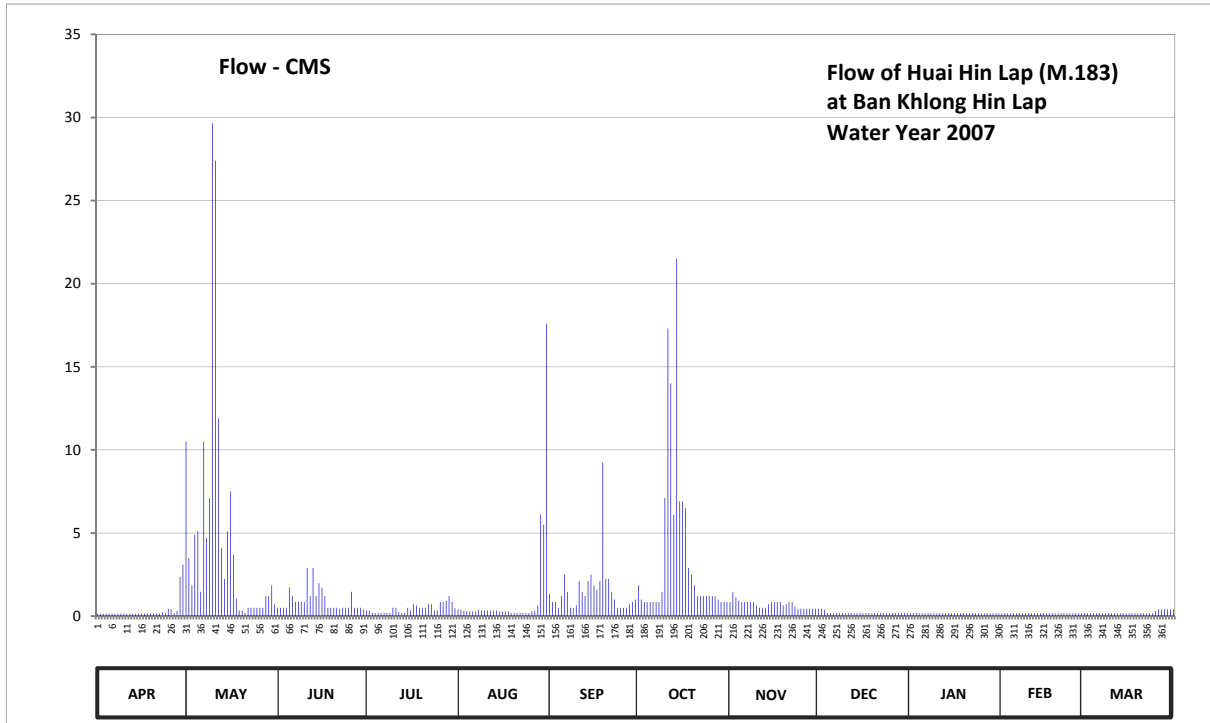
Lat 14 - 43 - 26 N Long 101 - 34 - 19 E

Location : on left bank at the bridge on highway.

	Ban Khlong Hin Lap	Amphoe Pak Chong	Changwat Nakhon Ratchasima
Drainage Area	250 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+300.800 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation +307.014 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	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 to date		
Stability of Channel Regimes	Rather unstable with variable water surface slope.		
Overbank Flow Conditions	Overbank flow starts at elevation +302.590 m.(MSL.), records are channel flow only.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	301.16	301.88	301.30	301.25	301.27	301.41	301.45	301.35	301.28	301.20	301.19	301.19	
2	301.16	301.55	301.30	301.25	301.27	301.35	301.37	301.42	301.28	301.20	301.19	301.19	
3	301.16	301.45	301.30	301.20	301.25	301.35	301.35	301.39	301.26	301.20	301.19	301.19	
4	301.16	301.62	301.30	301.20	301.24	301.30	301.35	301.36	301.20	301.20	301.19	301.19	
5	301.15	301.63	301.44	301.20	301.23	301.40	301.35	301.35	301.20	301.19	301.19	301.19	
6	301.16	301.42	301.40	301.20	301.23	301.50	301.35	301.35	301.20	301.19	301.19	301.19	
7	301.16	301.88	301.35	301.20	301.23	301.42	301.35	301.35	301.20	301.19	301.19	301.19	
8	301.16	301.61	301.35	301.20	301.26	301.30	301.35	301.35	301.20	301.19	301.19	301.19	
9	301.17	301.73	301.35	301.20	301.25	301.30	301.42	301.35	301.20	301.19	301.19	301.19	
10	301.17	302.47	301.35	301.30	301.25	301.32	301.73	301.32	301.20	301.19	301.19	301.19	
11	301.16	302.42	301.52	301.30	301.25	301.47	302.11	301.30	301.20	301.19	301.19	301.19	
12	301.16	301.93	301.40	301.22	301.25	301.42	302.00	301.30	301.20	301.19	301.19	301.19	
13	301.16	301.58	301.52	301.20	301.25	301.40	301.68	301.30	301.20	301.19	301.19	301.19	
14	301.16	301.48	301.40	301.20	301.25	301.47	302.25	301.33	301.20	301.19	301.19	301.19	
15	301.17	301.63	301.46	301.30	301.23	301.50	301.72	301.35	301.20	301.19	301.19	301.19	
16	301.17	301.75	301.44	301.25	301.23	301.45	301.72	301.35	301.20	301.19	301.19	301.19	
17	301.17	301.56	301.40	301.33	301.23	301.43	301.70	301.35	301.20	301.19	301.19	301.19	
18	301.18	301.38	301.30	301.32	301.23	301.47	301.52	301.35	301.20	301.19	301.19	301.19	
19	301.18	301.25	301.30	301.30	301.20	301.83	301.50	301.32	301.20	301.19	301.19	301.19	
20	301.18	301.25	301.30	301.30	301.20	301.48	301.45	301.33	301.20	301.19	301.19	301.19	
21	301.18	301.20	301.30	301.30	301.20	301.48	301.40	301.35	301.20	301.19	301.19	301.19	
22	301.17	301.30	301.28	301.33	301.20	301.42	301.40	301.35	301.20	301.19	301.19	301.19	
23	301.22	301.30	301.30	301.33	301.20	301.37	301.40	301.31	301.20	301.19	301.19	301.19	
24	301.20	301.30	301.30	301.25	301.20	301.30	301.40	301.28	301.20	301.19	301.19	301.19	
25	301.28	301.30	301.30	301.25	301.20	301.30	301.40	301.28	301.20	301.19	301.19	301.24	
26	301.27	301.30	301.42	301.35	301.23	301.30	301.40	301.28	301.20	301.19	301.19	301.27	
27	301.20	301.30	301.30	301.35	301.24	301.30	301.40	301.28	301.20	301.19	301.19	301.27	
28	301.24	301.40	301.30	301.36	301.32	301.33	301.37	301.28	301.20	301.19	301.19	301.27	
29	301.49	301.40	301.30	301.40	301.68	301.35	301.35	301.28	301.20	301.19	301.19	301.27	
30	301.53	301.45	301.27	301.35	301.65	301.37	301.35	301.28	301.20	301.19	301.19	301.27	
31		301.33		301.29	302.12		301.35		301.20	301.19		301.27	
Mean	301.20	301.55	301.35	301.27	301.29	301.40	301.51	301.33	301.21	301.19	301.19	301.21	
Max	301.53	302.47	301.52	301.40	302.12	301.83	302.25	301.42	301.28	301.20	301.19	301.27	302.47
Min	301.15	301.20	301.27	301.20	301.20	301.30	301.35	301.28	301.20	301.19	301.19	301.19	301.15
Annual Max Momentary Gage Height	303.10		m. (MSL.) ,			at 18.00 Hours, on May 10, 2007							
Zero Gage at Bottom Elevation	300.80		m. (MSL.) ,			River Bed	300.88	m. (MSL.)					
Left Bank Elevation		302.58		m. (MSL.) ,									
Right Bank Elevation		303.46		m. (MSL.) ,		Drainage Are	250	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.14	10.50	0.50	0.34	0.40	1.33	1.85	0.85	0.44	0.18	0.17	0.17	
2	0.14	3.50	0.50	0.34	0.40	0.85	0.99	1.46	0.44	0.18	0.17	0.17	
3	0.14	1.85	0.50	0.18	0.34	0.85	0.85	1.13	0.37	0.18	0.17	0.17	
4	0.14	4.90	0.50	0.18	0.31	0.50	0.85	0.92	0.18	0.18	0.17	0.17	
5	0.14	5.10	1.72	0.18	0.28	1.20	0.85	0.85	0.18	0.17	0.17	0.17	
6	0.14	1.46	1.20	0.18	0.28	2.50	0.85	0.85	0.18	0.17	0.17	0.17	
7	0.14	10.50	0.85	0.18	0.28	1.46	0.85	0.85	0.18	0.17	0.17	0.17	
8	0.14	4.70	0.85	0.18	0.37	0.50	0.85	0.85	0.18	0.17	0.17	0.17	
9	0.15	7.10	0.85	0.18	0.34	0.50	1.46	0.85	0.18	0.17	0.17	0.17	
10	0.15	29.65	0.85	0.50	0.34	0.64	7.10	0.64	0.18	0.17	0.17	0.17	
11	0.14	27.40	2.90	0.50	0.34	2.11	17.30	0.50	0.18	0.17	0.17	0.17	
12	0.14	11.90	1.20	0.24	0.34	1.46	14.00	0.50	0.18	0.17	0.17	0.17	
13	0.14	4.10	2.90	0.18	0.34	1.20	6.10	0.50	0.18	0.17	0.17	0.17	
14	0.14	2.24	1.20	0.18	0.34	2.11	21.50	0.71	0.18	0.17	0.17	0.17	
15	0.15	5.10	1.98	0.50	0.28	2.50	6.90	0.85	0.18	0.17	0.17	0.17	
16	0.15	7.50	1.72	0.34	0.28	1.85	6.90	0.85	0.18	0.17	0.17	0.17	
17	0.15	3.70	1.20	0.71	0.28	1.59	6.50	0.85	0.18	0.17	0.17	0.17	
18	0.16	1.06	0.50	0.64	0.28	2.11	2.90	0.85	0.18	0.17	0.17	0.17	
19	0.16	0.34	0.50	0.50	0.18	9.25	2.50	0.64	0.18	0.17	0.17	0.17	
20	0.16	0.34	0.50	0.50	0.18	2.24	1.85	0.71	0.18	0.17	0.17	0.17	
21	0.16	0.18	0.50	0.50	0.18	2.24	1.20	0.85	0.18	0.17	0.17	0.17	
22	0.15	0.50	0.44	0.71	0.18	1.46	1.20	0.85	0.18	0.17	0.17	0.17	
23	0.24	0.50	0.50	0.71	0.18	0.99	1.20	0.57	0.18	0.17	0.17	0.17	
24	0.18	0.50	0.50	0.34	0.18	0.50	1.20	0.44	0.18	0.17	0.17	0.17	
25	0.44	0.50	0.50	0.34	0.18	0.50	1.20	0.44	0.18	0.17	0.17	0.31	
26	0.40	0.50	1.46	0.85	0.28	0.50	1.20	0.44	0.18	0.17	0.17	0.40	
27	0.18	0.50	0.50	0.85	0.31	0.50	1.20	0.44	0.18	0.17	0.17	0.40	
28	0.31	1.20	0.50	0.92	0.64	0.71	0.99	0.44	0.18	0.17	0.17	0.40	
29	2.37	1.20	0.50	1.20	6.10	0.85	0.85	0.44	0.18	0.17	0.17	0.40	
30	3.10	1.85	0.40	0.85	5.50	0.99	0.85	0.44	0.18	0.17	0.17	0.40	
31		0.71		0.47	17.60		0.85		0.18	0.17		0.40	
Total	10.44	151.08	28.72	14.47	37.51	45.99	114.89	21.56	6.29	5.31	4.93	6.79	447.98 CMSDAY
Mean	0.35	4.87	0.96	0.47	1.21	1.53	3.71	0.72	0.20	0.17	0.17	0.22	1.22 CMS
Max	3.10	29.65	2.90	1.20	17.60	9.25	21.50	1.46	0.44	0.18	0.17	0.40	29.65 CMS
Min	0.14	0.18	0.40	0.18	0.18	0.50	0.85	0.44	0.18	0.17	0.17	0.17	0.14 CMS
Runoff	0.90	13.05	2.48	1.25	3.24	3.97	9.93	1.86	0.54	0.46	0.43	0.59	38.71 MCM
Momentary Peak	70.00	CMS, at 303.10 m. (MSL.), at 18.00 Hours, on May 10, 2007											
Runoff Yield	4.91	Liters/Second/Square KM.		Momentary Peak Yield		280.00		Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

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

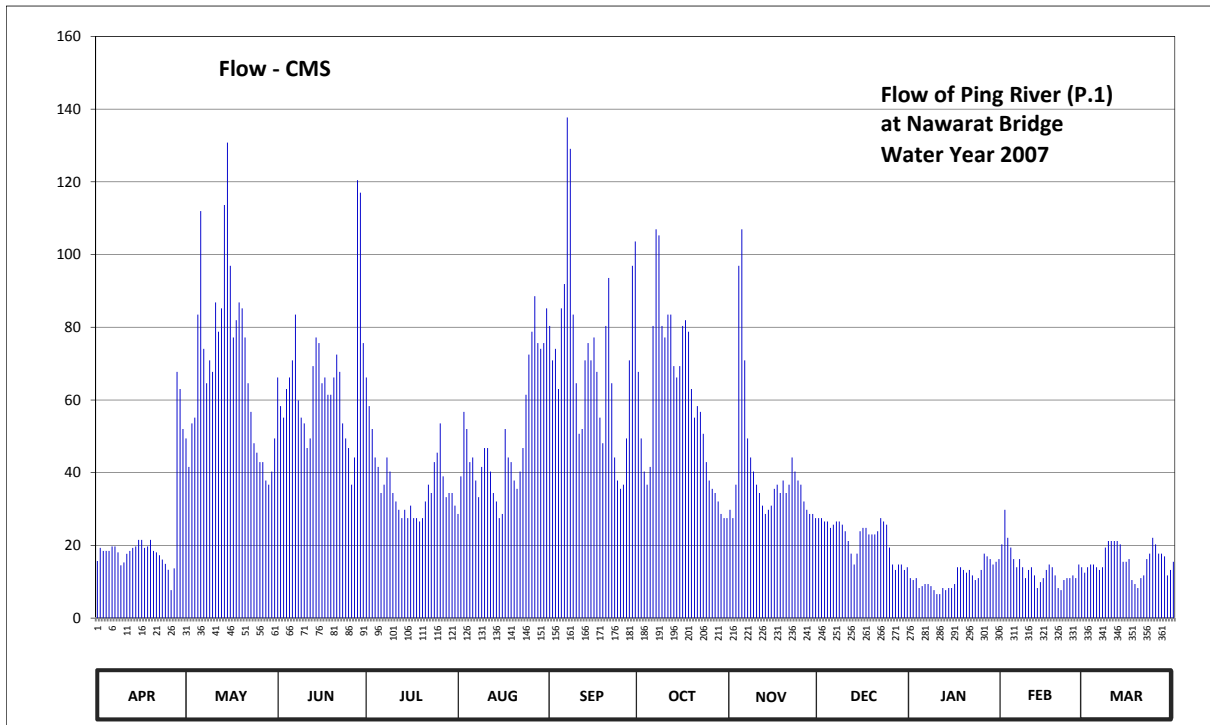
Lat 18 - 47 - 10 N Long 99 - 00 - 27 E

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	Water - stage recorder.					
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	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 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 38 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	301.98	302.08	302.19	302.19	301.91	302.28	302.20	301.92	301.90	301.70	301.82	301.72	
2	302.07	302.02	302.14	302.14	302.00	302.22	302.08	301.90	301.90	301.69	301.92	301.74	
3	302.05	302.11	302.12	302.10	302.13	302.24	302.01	301.98	301.89	301.70	301.84	301.75	
4	302.05	302.12	302.17	302.04	302.10	302.17	301.98	302.38	301.89	301.65	301.81	301.75	
5	302.05	302.30	302.19	302.02	302.03	302.31	302.02	302.44	301.87	301.66	301.77	301.74	
6	302.08	302.47	302.22	301.96	302.04	302.35	302.28	302.22	301.88	301.67	301.74	301.73	
7	302.08	302.24	302.30	301.98	301.99	302.62	302.44	302.08	301.89	301.67	301.77	301.74	
8	302.04	302.18	302.15	302.04	301.95	302.57	302.43	302.04	301.89	301.66	301.74	301.81	
9	301.95	302.22	302.12	302.01	302.02	302.30	302.28	302.01	301.88	301.64	301.70	301.83	
10	301.97	302.20	302.11	301.96	302.06	302.18	302.26	301.98	301.86	301.62	301.73	301.83	
11	302.03	302.32	302.06	301.94	302.06	302.09	302.30	301.96	301.83	301.62	301.74	301.83	
12	302.05	302.27	302.08	301.92	302.01	302.10	302.30	301.93	301.79	301.65	301.71	301.83	
13	302.07	302.31	302.21	301.90	301.96	302.22	302.21	301.91	301.75	301.64	301.65	301.82	
14	302.08	302.48	302.26	301.92	301.94	302.25	302.19	301.92	301.79	301.65	301.68	301.76	
15	302.12	302.58	302.25	301.90	301.90	302.22	302.21	301.93	301.86	301.65	301.70	301.76	
16	302.12	302.38	302.18	301.93	301.91	302.26	302.28	301.97	301.87	301.67	301.73	301.77	
17	302.07	302.26	302.19	301.90	302.10	302.20	302.29	301.98	301.87	301.74	301.75	301.69	
18	302.08	302.29	302.16	301.90	302.04	302.12	302.27	301.96	301.85	301.74	301.74	301.67	
19	302.12	302.32	302.16	301.89	302.03	302.07	302.17	301.99	301.85	301.73	301.71	301.65	
20	302.05	302.31	302.19	301.90	301.99	302.28	302.12	301.96	301.85	301.72	301.65	301.70	
21	302.04	302.26	302.23	301.94	301.97	302.36	302.14	301.98	301.86	301.73	301.64	301.71	
22	302.02	302.18	302.20	301.98	302.01	302.18	302.13	302.04	301.90	301.71	301.69	301.77	
23	301.99	302.13	302.11	301.96	302.06	302.04	302.09	302.01	301.89	301.69	301.70	301.79	
24	301.96	302.07	302.08	302.03	302.16	301.99	302.03	301.99	301.88	301.70	301.70	301.84	
25	301.92	302.05	302.06	302.05	302.23	301.97	301.99	301.98	301.81	301.73	301.71	301.82	
26	301.77	302.03	301.98	302.11	302.27	301.98	301.97	301.94	301.75	301.79	301.70	301.79	
27	301.93	302.03	302.04	302.00	302.33	302.08	301.96	301.92	301.73	301.78	301.75	301.79	
28	302.20	301.99	302.52	301.95	302.25	302.22	301.94	301.91	301.75	301.77	301.74	301.78	
29	302.17	301.98	302.50	301.96	302.24	302.38	301.91	301.91	301.75	301.75	301.69	301.71	
30	302.10	302.01	302.25	301.96	302.25	302.42	301.90	301.90	301.73	301.76	301.76	301.73	
31		302.08		301.93	302.31		301.90		301.74	301.77		301.76	
Mean	302.04	302.20	302.18	301.98	302.07	302.22	302.14	302.00	301.84	301.70	301.73	301.76	
Max	302.20	302.58	302.52	302.19	302.33	302.62	302.44	302.44	301.90	301.79	301.92	301.84	302.62
Min	301.77	301.98	301.98	301.89	301.90	301.97	301.90	301.90	301.73	301.62	301.64	301.65	301.62
Annual Max Momentary Gage Height	302.67		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	300.50		m. (MSL.) ,			River Bed	299.22	m. (MSL.)					
Left Bank Elevation	307.71		m. (MSL.) ,										
Right Bank Elevation	307.66		m. (MSL.) ,		Drainage Are	6,350	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	15.70	49.40	66.18	66.18	28.65	80.35	67.75	29.80	27.50	11.00	20.30	12.50		
2	19.30	41.60	58.30	58.30	39.00	70.90	49.40	27.50	27.50	10.45	29.80	14.00		
3	18.50	53.57	55.15	52.00	56.73	74.05	40.30	36.70	26.60	11.00	22.10	14.75		
4	18.50	55.15	63.03	44.20	52.00	63.03	36.70	96.90	26.60	8.25	19.40	14.75		
5	18.50	83.50	66.18	41.60	42.90	85.18	41.60	106.95	24.80	8.80	16.25	14.00		
6	19.70	111.98	70.90	34.40	44.20	91.88	80.35	70.90	25.70	9.35	14.00	13.25		
7	19.70	74.05	83.50	36.70	37.85	137.70	106.95	49.40	26.60	9.35	16.25	14.00		
8	18.10	64.60	59.88	44.20	33.25	129.07	105.28	44.20	26.60	8.80	14.00	19.40		
9	14.50	70.90	55.15	40.30	41.60	83.50	80.35	40.30	25.70	7.70	11.00	21.20		
10	15.30	67.75	53.57	34.40	46.80	64.60	77.20	36.70	23.90	6.60	13.25	21.20		
11	17.70	86.85	46.80	32.10	46.80	50.70	83.50	34.40	21.20	6.60	14.00	21.20		
12	18.50	78.78	49.40	29.80	40.30	52.00	83.50	30.95	17.75	8.25	11.75	21.20		
13	19.30	85.18	69.33	27.50	34.40	70.90	69.33	28.65	14.75	7.70	8.25	20.30		
14	19.70	113.65	77.20	29.80	32.10	75.63	66.18	29.80	17.75	8.25	9.90	15.50		
15	21.50	130.80	75.63	27.50	27.50	70.90	69.33	30.95	23.90	8.25	11.00	15.50		
16	21.50	96.90	64.60	30.95	28.65	77.20	80.35	35.55	24.80	9.35	13.25	16.25		
17	19.30	77.20	66.18	27.50	52.00	67.75	81.93	36.70	24.80	14.00	14.75	10.45		
18	19.70	81.93	61.45	27.50	44.20	55.15	78.78	34.40	23.00	14.00	14.00	9.35		
19	21.50	86.85	61.45	26.60	42.90	48.10	63.03	37.85	23.00	13.25	11.75	8.25		
20	18.50	85.18	66.18	27.50	37.85	80.35	55.15	34.40	23.00	12.50	8.25	11.00		
21	18.10	77.20	72.48	32.10	35.55	93.55	58.30	36.70	23.90	13.25	7.70	11.75		
22	17.30	64.60	67.75	36.70	40.30	64.60	56.73	44.20	27.50	11.75	10.45	16.25		
23	16.10	56.73	53.57	34.40	46.80	44.20	50.70	40.30	26.60	10.45	11.00	17.75		
24	14.90	48.10	49.40	42.90	61.45	37.85	42.90	37.85	25.70	11.00	11.00	22.10		
25	13.30	45.50	46.80	45.50	72.48	35.55	37.85	36.70	19.40	13.25	11.75	20.30		
26	7.70	42.90	36.70	53.57	78.78	36.70	35.55	32.10	14.75	17.75	11.00	17.75		
27	13.70	42.90	44.20	39.00	88.53	49.40	34.40	29.80	13.25	17.00	14.75	17.75		
28	67.75	37.85	120.45	33.25	75.63	70.90	32.10	28.65	14.75	16.25	14.00	17.00		
29	63.03	36.70	117.00	34.40	74.05	96.90	28.65	28.65	14.75	14.75	10.45	11.75		
30	52.00	40.30	75.63	34.40	75.63	103.60	27.50	27.50	13.25	15.50		13.25		
31		49.40		30.95	85.18		27.50		14.00	16.25		15.50		
Total	658.88	2138.00	1954.04	1156.20	1544.06	2162.19	1849.14	1215.45	683.30	350.65	395.35	489.20	14596.46	CMSDAY
Mean	21.96	68.97	65.13	37.30	49.81	72.07	59.65	40.52	22.04	11.31	13.63	15.78	39.88	CMS
Max	67.75	130.80	120.45	66.18	88.53	137.70	106.95	106.95	27.50	17.75	29.80	22.10	137.70	CMS
Min	7.70	36.70	36.70	26.60	27.50	35.55	27.50	27.50	13.25	6.60	7.70	8.25	6.60	CMS
Runoff	56.93	184.72	168.83	99.90	133.41	186.81	159.77	105.01	59.04	30.30	34.16	42.27	1261.13	MCM
Momentary Peak	146.33 CMS. at 302.67 m. (MSL.) at 06.00 Hours , on Sep 7, 2007													
Runoff Yield	6.30 Liters/Second/Square KM.			Momentary Peak Yield				23.04 Liters/Second/Square KM.						

WATER YEAR : 2007

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
Drainage 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 good. Flow regulated by Phumiphol Dam reservoir since 1964. Stage-discharge relation defined by 37 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	105.13	105.25	104.95	105.40	105.09	105.07	105.03	104.67	105.14	105.45	105.50	105.47	
2	105.25	105.04	104.81	105.45	105.11	105.32	105.18	104.73	105.11	105.51	105.63	105.55	
3	105.26	105.24	104.86	105.26	105.12	105.41	105.15	104.75	105.22	105.44	105.55	105.61	
4	105.37	105.10	104.60	105.22	105.07	105.28	105.10	104.81	105.30	105.65	105.60	105.52	
5	105.27	105.22	104.99	105.44	105.17	105.23	105.10	104.59	105.23	105.62	105.61	105.55	
6	105.56	105.17	105.05	105.53	105.28	105.21	104.99	104.84	105.30	105.72	105.50	105.63	
7	105.26	105.17	104.91	105.45	105.11	105.30	105.25	104.89	105.45	105.74	105.62	105.40	
8	105.39	105.25	105.00	105.49	105.18	105.29	105.18	104.92	105.27	105.67	105.54	105.43	
9	105.38	105.08	105.33	105.49	105.17	105.11	105.05	105.05	105.40	105.53	105.53	105.44	
10	105.25	105.04	105.38	105.54	105.29	105.16	105.20	105.01	105.19	105.60	105.61	105.43	
11	105.41	104.95	105.20	105.48	105.17	105.09	105.08	104.90	105.45	105.54	105.57	105.69	
12	105.25	105.05	105.33	105.56	105.09	105.09	105.34	104.69	105.59	105.48	105.65	105.62	
13	105.51	105.00	105.32	105.61	105.22	105.11	105.93	105.01	105.56	105.54	105.61	105.60	
14	105.21	105.03	105.27	105.53	105.42	105.08	106.19	104.96	105.85	105.53	105.68	105.56	
15	105.36	105.15	105.21	105.42	105.14	105.19	106.10	105.08	105.52	105.74	105.71	105.54	
16	105.20	105.25	105.24	105.38	105.22	105.00	106.17	105.09	105.37	105.75	105.60	105.67	
17	105.24	105.47	105.35	105.58	105.42	105.05	105.88	105.09	105.35	105.65	105.57	105.39	
18	105.37	105.33	105.27	105.60	105.52	105.08	105.27	105.08	105.34	105.52	105.61	105.67	
19	105.32	105.12	105.33	105.45	105.51	105.04	105.11	105.03	105.44	105.62	105.61	105.61	
20	105.52	105.03	105.33	105.40	105.27	105.19	104.96	105.16	105.40	105.55	105.60	105.60	
21	105.31	105.03	105.34	105.43	105.11	105.65	104.92	105.02	105.64	105.53	105.64	105.59	
22	105.11	104.82	105.30	105.28	105.38	105.45	104.93	105.05	105.70	105.68	105.66	105.60	
23	105.27	104.79	105.37	105.30	105.32	105.42	104.90	105.21	105.74	105.49	105.57	105.54	
24	105.32	104.80	105.19	105.39	105.16	105.24	104.75	105.19	105.60	105.64	105.61	105.41	
25	105.22	104.67	105.22	105.42	105.02	105.09	104.70	105.07	105.56	105.57	105.66	105.63	
26	105.21	104.63	105.30	105.38	105.00	104.98	104.61	105.09	105.61	105.68	105.51	105.51	
27	105.23	104.63	105.23	105.56	105.17	104.93	104.65	105.23	105.66	105.46	105.45	105.58	
28	105.14	104.46	105.52	105.54	105.07	105.03	104.67	105.08	105.63	105.65	105.59	105.57	
29	105.13	104.77	105.56	105.55	105.11	104.98	104.69	105.10	105.72	105.49	105.51	105.57	
30	105.26	104.83	105.66	105.49	105.07	104.99	104.61	105.18	105.46	105.50	105.50	105.64	
31		104.92		105.25	105.14		104.77		105.61	105.52		105.51	
Mean	105.29	105.01	105.21	105.45	105.20	105.17	105.14	104.99	105.46	105.58	105.59	105.55	
Max	105.56	105.47	105.66	105.61	105.52	105.65	106.19	105.23	105.85	105.75	105.71	105.69	106.19
Min	105.11	104.46	104.60	105.22	105.00	104.93	104.61	104.59	105.11	105.44	105.45	105.39	104.46
Annual Max Momentary Gage Height	106.50		m. (MSL.) ,				at 09.00 Hours, on Jan 15, 2008						
Zero Gage at Bottom Elevation	104.00		m. (MSL.) ,			River Bed	102.84	m. (MSL.)					
Left Bank Elevation		110.16		m. (MSL.) ,									
Right Bank Elevation		109.76		m. (MSL.) ,		Drainage Are	38,681	Square Kilometers					

WATER YEAR : 2007

PING RIVER BASIN

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

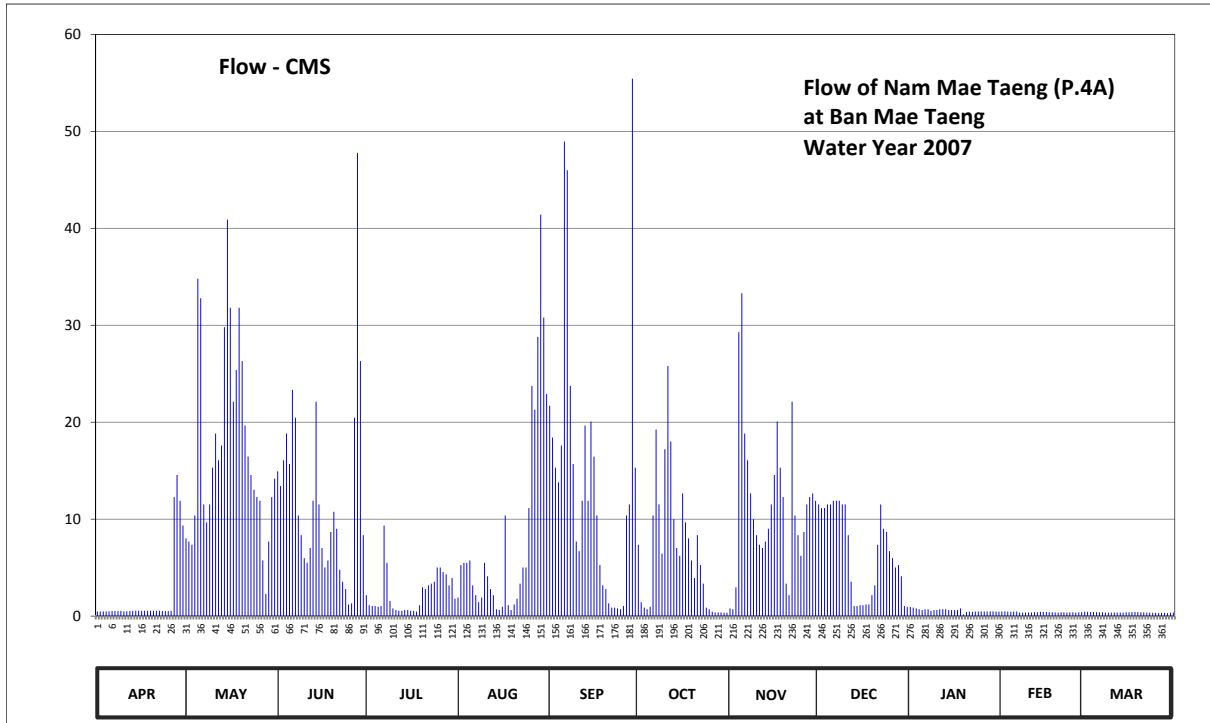
Lat 19 - 07 - 15 N Long 98 - 56 - 53 E

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	Fairly stable.		
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 32 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	334.67	334.74	334.93	334.48	334.46	335.10	334.72	334.35	334.84	334.37	334.67	334.66	
2	334.68	334.73	334.89	334.39	334.64	335.02	334.42	334.34	334.83	334.36	334.69	334.64	
3	334.69	334.72	334.96	334.38	334.65	334.94	334.36	334.53	334.83	334.35	334.66	334.63	
4	334.70	334.81	335.03	334.38	334.65	334.90	334.34	335.27	334.84	334.34	334.65	334.62	
5	334.70	335.38	334.95	334.37	334.66	335.00	334.37	335.35	334.84	334.33	334.66	334.61	
6	334.72	335.34	335.14	334.38	334.54	335.65	334.81	335.03	334.85	334.34	334.67	334.60	
7	334.72	334.84	335.07	334.78	334.48	335.60	335.04	334.96	334.85	334.34	334.57	334.59	
8	334.73	334.79	334.81	334.65	334.42	335.15	334.84	334.87	334.85	334.32	334.56	334.57	
9	334.72	334.84	334.75	334.43	334.46	334.95	334.69	334.80	334.84	334.33	334.57	334.57	
10	334.70	334.94	334.67	334.35	334.65	334.73	334.99	334.75	334.84	334.33	334.58	334.56	
11	334.69	335.03	334.65	334.33	334.59	334.70	335.20	334.72	334.75	334.34	334.58	334.57	
12	334.72	334.96	334.71	334.32	334.52	334.85	335.01	334.71	334.56	334.34	334.61	334.56	
13	334.75	335.00	334.85	334.32	334.48	335.05	334.80	334.73	334.38	334.34	334.60	334.57	
14	334.76	335.28	335.11	334.33	334.34	334.85	334.71	334.77	334.38	334.33	334.64	334.57	
15	334.76	335.50	334.84	334.33	334.33	335.06	334.68	334.84	334.39	334.33	334.63	334.59	
16	334.75	335.32	334.71	334.32	334.37	334.97	334.87	334.92	334.39	334.33	334.62	334.59	
17	334.75	335.11	334.63	334.32	334.81	334.81	334.79	335.06	334.40	334.33	334.61	334.61	
18	334.75	335.19	334.66	334.31	334.39	334.64	334.74	334.94	334.40	334.35	334.60	334.62	
19	334.76	335.32	334.76	334.39	334.33	334.54	334.66	334.86	334.48	334.38	334.58	334.63	
20	334.75	335.21	334.82	334.53	334.40	334.52	334.58	334.55	334.54	334.61	334.57	334.59	
21	334.74	335.05	334.77	334.52	334.45	334.41	334.75	334.48	334.72	334.66	334.59	334.58	
22	334.74	334.97	334.62	334.54	334.55	334.36	334.64	335.11	334.84	334.65	334.60	334.57	
23	334.73	334.92	334.56	334.55	334.63	334.36	334.55	334.81	334.77	334.67	334.56	334.55	
24	334.72	334.88	334.52	334.56	334.63	334.35	334.36	334.75	334.76	334.68	334.60	334.55	
25	334.71	334.86	334.40	334.63	334.83	334.34	334.34	334.68	334.70	334.69	334.59	334.54	
26	334.74	334.85	334.41	334.63	335.15	334.38	334.31	334.76	334.67	334.68	334.57	334.53	
27	334.86	334.66	335.07	334.61	335.09	334.81	334.30	334.84	334.63	334.68	334.60	334.53	
28	334.92	334.49	335.63	334.60	335.26	334.84	334.30	334.86	334.64	334.69	334.61	334.53	
29	334.85	334.73	335.21	334.54	335.51	335.76	334.30	334.87	334.59	334.70	334.64	334.52	
30	334.78	334.86	334.75	334.58	335.30	334.94	334.29	334.85	334.38	334.67	334.67	334.54	
31		334.91		334.45	335.13		334.29		334.37	334.66		334.57	
Mean	334.74	334.98	334.83	334.46	334.67	334.85	334.61	334.81	334.65	334.47	334.61	334.58	
Max	334.92	335.50	335.63	334.78	335.51	335.76	335.20	335.35	334.85	334.70	334.69	334.66	335.76
Min	334.67	334.49	334.40	334.31	334.33	334.34	334.29	334.34	334.37	334.32	334.56	334.52	334.29
Annual Max Momentary Gage Height	335.79		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	334.00		m. (MSL.) ,			River Bed	334.03		m. (MSL.)				
Left Bank Elevation		339.84		m. (MSL.) ,									
Right Bank Elevation		339.85		m. (MSL.) ,		Drainage Are	1,930		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.47	8.02	14.94	2.16	1.92	21.70	7.36	0.79	11.52	0.95	0.47	0.46	
2	0.48	7.69	13.42	1.12	5.26	18.42	1.44	0.71	11.14	0.87	0.49	0.44	
3	0.49	7.36	16.08	1.04	5.50	15.32	0.87	2.97	11.14	0.79	0.46	0.43	
4	0.50	10.38	18.83	1.04	5.50	13.80	0.71	29.30	11.52	0.71	0.45	0.42	
5	0.50	34.80	15.70	0.95	5.74	17.60	0.95	33.30	11.52	0.63	0.46	0.41	
6	0.52	32.80	23.34	1.04	3.16	48.95	10.38	18.83	11.90	0.71	0.47	0.40	
7	0.52	11.52	20.47	9.34	2.16	46.00	19.24	16.08	11.90	0.71	0.37	0.39	
8	0.53	9.67	10.38	5.50	1.44	23.75	11.52	12.66	11.90	0.54	0.36	0.37	
9	0.52	11.52	8.35	1.56	1.92	15.70	6.46	10.00	11.52	0.63	0.37	0.37	
10	0.50	15.32	5.98	0.79	5.50	7.69	17.22	8.35	11.52	0.63	0.38	0.36	
11	0.49	18.83	5.50	0.63	4.11	6.70	25.80	7.36	8.35	0.71	0.38	0.37	
12	0.52	16.08	7.03	0.54	2.78	11.90	18.01	7.03	3.54	0.71	0.41	0.36	
13	0.55	17.60	11.90	0.54	2.16	19.65	10.00	7.69	1.04	0.71	0.40	0.37	
14	0.56	29.80	22.11	0.63	0.71	11.90	7.03	9.01	1.04	0.63	0.44	0.37	
15	0.56	40.90	11.52	0.63	0.63	20.06	6.22	11.52	1.12	0.63	0.43	0.39	
16	0.55	31.80	7.03	0.54	0.95	16.46	12.66	14.56	1.12	0.63	0.42	0.39	
17	0.55	22.11	5.02	0.54	10.38	10.38	9.67	20.06	1.20	0.63	0.41	0.41	
18	0.55	25.39	5.74	0.46	1.12	5.26	8.02	15.32	1.20	0.79	0.40	0.42	
19	0.56	31.80	8.68	1.12	0.63	3.16	5.74	12.28	2.16	0.18	0.38	0.43	
20	0.55	26.30	10.76	2.97	1.20	2.78	3.92	3.35	3.16	0.41	0.37	0.39	
21	0.54	19.65	9.01	2.78	1.80	1.32	8.35	2.16	7.36	0.46	0.39	0.38	
22	0.54	16.46	4.78	3.16	3.35	0.87	5.26	22.11	11.52	0.45	0.40	0.37	
23	0.53	14.56	3.54	3.35	5.02	0.87	3.35	10.38	9.01	0.47	0.36	0.35	
24	0.52	13.04	2.78	3.54	5.02	0.79	0.87	8.35	8.68	0.48	0.40	0.35	
25	0.51	12.28	1.20	5.02	11.14	0.71	0.71	6.22	6.70	0.49	0.39	0.34	
26	0.54	11.90	1.32	5.02	23.75	1.04	0.46	8.68	5.98	0.48	0.37	0.33	
27	12.28	5.74	20.47	4.54	21.29	10.38	0.38	11.52	5.02	0.48	0.40	0.33	
28	14.56	2.28	47.77	4.30	28.80	11.52	0.38	12.28	5.26	0.49	0.41	0.33	
29	11.90	7.69	26.30	3.16	41.41	55.44	0.38	12.66	4.11	0.50	0.44	0.32	
30	9.34	12.28	8.35	3.92	30.80	15.32	0.34	11.90	1.04	0.47		0.34	
31		14.18		1.80	22.93		0.34		0.95	0.46		0.37	
Total	61.73	539.75	368.30	73.73	258.08	435.44	204.04	347.43	205.14	18.43	11.88	11.76	2535.71 CMSDAY
Mean	2.06	17.41	12.28	2.38	8.33	14.51	6.58	11.58	6.62	0.59	0.41	0.38	6.93 CMS
Max	14.56	40.90	47.77	9.34	41.41	55.44	25.80	33.30	11.90	0.95	0.49	0.46	55.44 CMS
Min	0.47	2.28	1.20	0.46	0.63	0.71	0.34	0.71	0.95	0.18	0.36	0.32	0.18 CMS
Runoff	5.33	46.63	31.82	6.37	22.30	37.62	17.63	30.02	17.72	1.59	1.03	1.02	219.09 MCM
Momentary Peak		57.21	CMS. at 335.79 m. (MSL) at 18.00 Hours , on Sep 29, 2007										
Runoff Yield		3.60	Liters/Second/Square KM.		Momentary Peak Yield	29.64	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Kuang at Tha Nang Bridge , Lamphun (P.5)

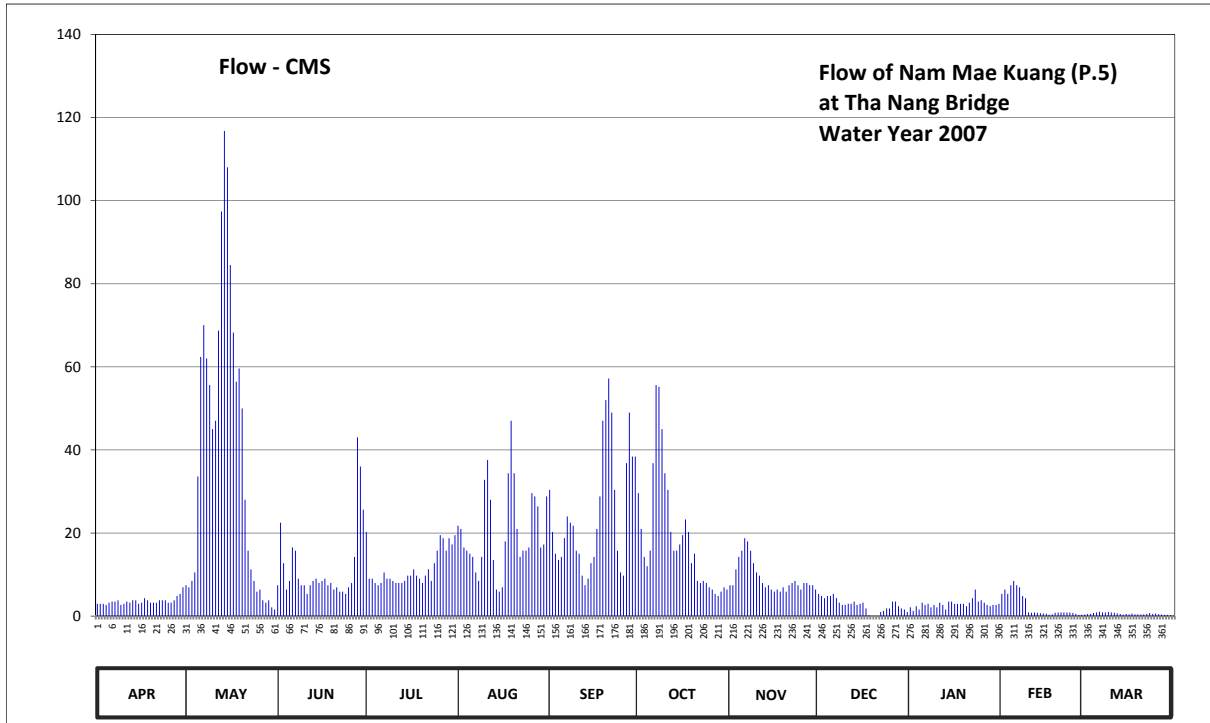
Lat 18 - 34 - 32 N Long 99 - 00 - 44 E

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

	Ban	Tha Nang Bridge	Amphoe	Mueang	Changwat	Lamphun
Drainage Area	1,569	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+288.500 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	Near the gage site.				Elevation	+294.592 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings					
Period of Available Gage Records	1978 - 1992, 2006 to date.					
Rating Operation						
Period of Rating	1978 - 1992, 2006 to date.					
Rated by Flot	-					
Rated by Current Meter	1978 - 1992, 2006 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 38 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	291.17	291.27	291.27	291.45	291.47	291.58	291.57	291.27	291.23	291.14	291.23	290.81	
2	291.17	291.26	291.48	291.30	291.46	291.45	291.46	291.27	291.22	291.11	291.25	290.90	
3	291.17	291.29	291.35	291.30	291.40	291.38	291.37	291.33	291.21	291.15	291.23	290.93	
4	291.16	291.32	291.25	291.28	291.39	291.36	291.34	291.37	291.22	291.12	291.27	291.12	
5	291.18	291.62	291.29	291.27	291.38	291.37	291.39	291.39	291.22	291.18	291.29	291.20	
6	291.19	292.11	291.40	291.28	291.37	291.43	291.66	291.43	291.23	291.16	291.27	291.26	
7	291.19	292.29	291.39	291.32	291.32	291.50	291.94	291.42	291.21	291.17	291.26	291.20	
8	291.20	292.10	291.30	291.30	291.29	291.48	291.93	291.39	291.18	291.14	291.22	291.19	
9	291.16	291.94	291.27	291.30	291.37	291.47	291.75	291.35	291.16	291.16	291.21	291.25	
10	291.17	291.75	291.27	291.29	291.61	291.39	291.63	291.32	291.16	291.14	291.18	291.18	
11	291.19	291.77	291.23	291.28	291.67	291.38	291.58	291.31	291.17	291.18	291.14	291.14	
12	291.18	292.26	291.27	291.28	291.55	291.31	291.45	291.28	291.17	291.16	291.15	291.06	
13	291.20	292.83	291.29	291.28	291.36	291.27	291.39	291.26	291.19	291.12	291.10	290.90	
14	291.20	293.14	291.30	291.29	291.25	291.30	291.39	291.27	291.16	291.19	291.06	290.83	
15	291.17	293.00	291.28	291.31	291.24	291.35	291.41	291.25	291.17	291.19	291.04	290.96	
16	291.18	292.59	291.29	291.31	291.26	291.37	291.44	291.24	291.18	291.17	290.98	290.85	
17	291.21	292.25	291.30	291.33	291.42	291.46	291.49	291.25	291.13	291.17	290.80	291.00	
18	291.20	291.96	291.27	291.31	291.63	291.56	291.45	291.24	291.01	291.17	290.84	290.85	
19	291.18	292.04	291.28	291.30	291.77	291.77	291.35	291.26	290.82	291.17	291.13	290.85	
20	291.18	291.80	291.25	291.28	291.63	291.85	291.38	291.24	290.88	291.15	291.17	290.83	
21	291.18	291.55	291.26	291.31	291.46	291.98	291.29	291.27	290.94	291.18	291.20	290.85	
22	291.20	291.39	291.24	291.33	291.37	291.79	291.28	291.28	291.10	291.21	291.19	290.94	
23	291.20	291.33	291.24	291.29	291.39	291.58	291.29	291.29	291.11	291.25	291.18	291.08	
24	291.20	291.29	291.23	291.35	291.39	291.39	291.28	291.27	291.13	291.19	291.16	290.95	
25	291.18	291.24	291.26	291.39	291.40	291.32	291.26	291.25	291.13	291.20	291.11	291.00	
26	291.18	291.25	291.28	291.44	291.57	291.31	291.25	291.28	291.19	291.18	290.96	290.88	
27	291.20	291.20	291.37	291.43	291.56	291.66	291.23	291.28	291.19	291.16	290.75	290.83	
28	291.22	291.18	291.73	291.39	291.53	291.79	291.22	291.27	291.15	291.15	290.78	290.77	
29	291.23	291.20	291.65	291.43	291.40	291.68	291.24	291.27	291.13	291.16	290.65	290.76	
30	291.26	291.14	291.52	291.41	291.41	291.68	291.26	291.25	291.12	291.16		290.68	
31		291.12		291.44	291.56		291.25		291.10	291.17		290.62	
Mean	291.19	291.76	291.33	291.33	291.45	291.51	291.43	291.30	291.14	291.17	291.10	290.96	
Max	291.26	293.14	291.73	291.45	291.77	291.98	291.94	291.43	291.23	291.25	291.29	291.26	293.14
Min	291.16	291.12	291.23	291.27	291.24	291.27	291.22	291.24	290.82	291.11	290.65	290.62	290.62
Annual Max Momentary Gage Height	293.22		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	288.50		m. (MSL.) ,			River Bed	289.01	m. (MSL.)					
Left Bank Elevation	295.77		m. (MSL.) ,										
Right Bank Elevation	295.68		m. (MSL.) ,			Drainage Are	1,569	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.96	7.44	7.44	20.25	21.75	30.40	29.60	7.44	5.36	2.12	5.36	0.37		
2	2.96	6.92	22.50	9.00	21.00	20.25	21.00	7.44	4.84	1.28	6.40	0.48		
3	2.96	8.48	12.75	9.00	16.50	15.00	14.25	11.25	4.32	2.40	5.36	0.52		
4	2.68	10.50	6.40	7.96	15.75	13.50	12.00	14.25	4.84	1.56	7.44	0.78		
5	3.24	33.60	8.48	7.44	15.00	14.25	15.75	15.75	4.84	3.24	8.48	0.90		
6	3.52	62.40	16.50	7.96	14.25	18.75	36.80	18.75	5.36	2.68	7.44	1.02		
7	3.52	70.05	15.75	10.50	10.50	24.00	55.60	18.00	4.32	2.96	6.92	0.90		
8	3.80	62.00	9.00	9.00	8.48	22.50	55.20	15.75	3.24	2.12	4.84	0.89		
9	2.68	55.60	7.44	9.00	14.25	21.75	45.00	12.75	2.68	2.68	4.32	1.00		
10	2.96	45.00	7.44	8.48	32.80	15.75	34.40	10.50	2.68	2.12	0.87	0.87		
11	3.52	47.00	5.36	7.96	37.60	15.00	30.40	9.75	2.96	3.24	0.81	0.81		
12	3.24	68.70	7.44	7.96	28.00	9.75	20.25	7.96	2.96	2.68	0.83	0.69		
13	3.80	97.38	8.48	7.96	13.50	7.44	15.75	6.92	3.52	1.56	0.75	0.48		
14	3.80	116.75	9.00	8.48	6.40	9.00	15.75	7.44	2.68	3.52	0.69	0.40		
15	2.96	108.00	7.96	9.75	5.88	12.75	17.25	6.40	2.96	3.52	0.66	0.55		
16	3.24	84.50	8.48	9.75	6.92	14.25	19.50	5.88	3.24	2.96	0.58	0.42		
17	4.32	68.25	9.00	11.25	18.00	21.00	23.25	6.40	1.84	2.96	0.36	0.60		
18	3.80	56.40	7.44	9.75	34.40	28.80	20.25	5.88	0.19	2.96	0.41	0.42		
19	3.24	59.60	7.96	9.00	47.00	47.00	12.75	6.92	0.00	2.96	0.80	0.42		
20	3.24	50.00	6.40	7.96	34.40	52.00	15.00	5.88	0.00	2.40	0.86	0.40		
21	3.24	28.00	6.92	9.75	21.00	57.20	8.48	7.44	0.04	3.24	0.90	0.42		
22	3.80	15.75	5.88	11.25	14.25	49.00	7.96	7.96	1.00	4.32	0.89	0.53		
23	3.80	11.25	5.88	8.48	15.75	30.40	8.48	8.48	1.28	6.40	0.87	0.72		
24	3.80	8.48	5.36	12.75	15.75	15.75	7.96	7.44	1.84	3.52	0.84	0.54		
25	3.24	5.88	6.92	15.75	16.50	10.50	6.92	6.40	1.84	3.80	0.77	0.60		
26	3.24	6.40	7.96	19.50	29.60	9.75	6.40	7.96	3.52	3.24	0.55	0.46		
27	3.80	3.80	14.25	18.75	28.80	36.80	5.36	7.96	3.52	2.68	0.30	0.40		
28	4.84	3.24	43.00	15.75	26.40	49.00	4.84	7.44	2.40	2.40	0.34	0.32		
29	5.36	3.80	36.00	18.75	16.50	38.40	5.88	7.44	1.84	2.68	0.18	0.31		
30	6.92	2.12	25.60	17.25	17.25	38.40	6.92	6.40	1.56	2.68		0.22		
31		1.56		19.50	28.80		6.40		1.00	2.96		0.14		
Total	108.48	1208.85	348.99	355.89	632.98	748.34	585.35	276.23	82.67	89.84	69.82	17.58	4525.02	CMSDAY
Mean	3.62	39.00	11.63	11.48	20.42	24.94	18.88	9.21	2.67	2.90	2.41	0.57	12.36	CMS
Max	6.92	116.75	43.00	20.25	47.00	57.20	55.60	18.75	5.36	6.40	8.48	1.02	116.75	CMS
Min	2.68	1.56	5.36	7.44	5.88	7.44	4.84	5.88	0.00	1.28	0.18	0.14	0.00	CMS
Runoff	9.37	104.44	30.15	30.75	54.69	64.66	50.57	23.87	7.14	7.76	6.03	1.52	390.96	MCM
Momentary Peak		121.75	CMS	at 293.22 m. (MSL.) at 18.00 Hours , on May 14, 2007										
Runoff Yield		7.90	Liters/Second/Square KM.		Momentary Peak Yield		77.60	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

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

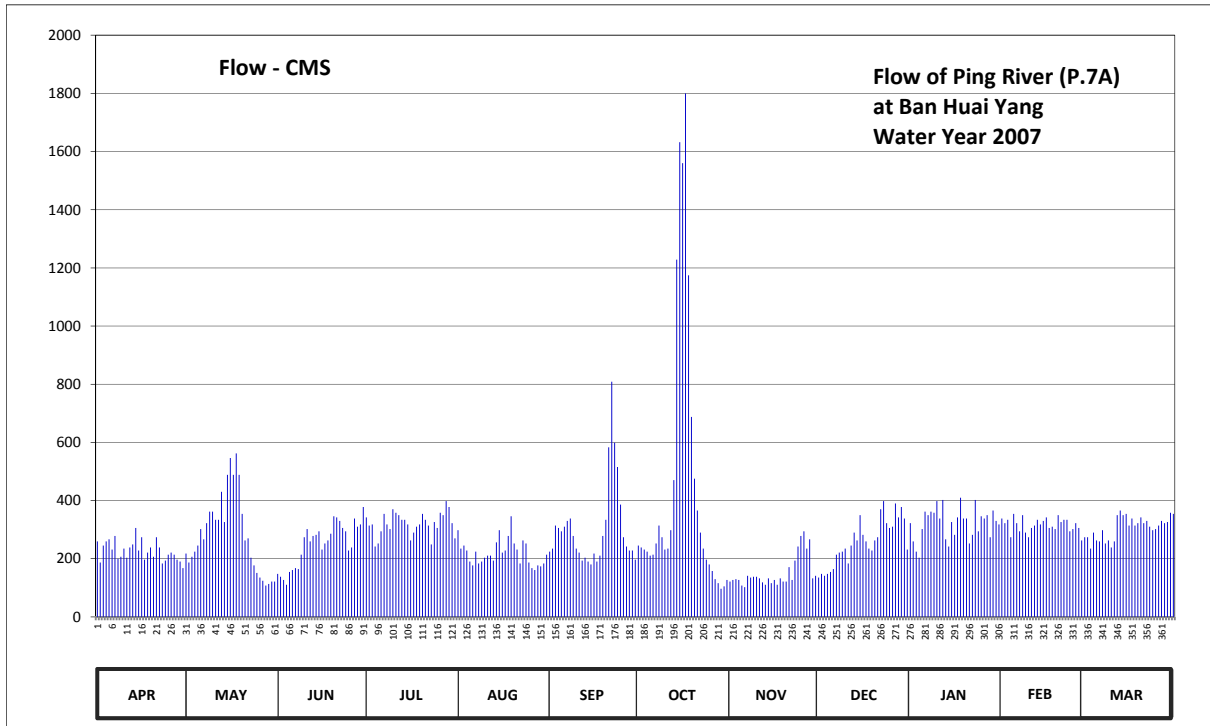
Lat 16 - 28 - 41 N Long 99 - 31 - 19 E

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 good. Flow regulated by Phumiphol Dam reservoir above gage site. Stage-discharge relation defined by 37 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	72.97	72.85	72.64	73.18	73.07	72.87	72.93	72.55	72.60	73.13	73.17	73.01	
2	72.76	72.76	72.61	73.11	72.90	72.90	72.91	72.57	72.64	72.97	73.13	73.01	
3	72.93	72.82	72.57	73.12	72.93	73.11	72.89	72.58	72.62	72.87	73.16	72.90	
4	72.97	72.87	72.51	72.92	72.88	73.09	72.87	72.57	72.64	72.81	73.01	73.05	
5	72.99	72.93	72.66	72.95	72.77	73.06	72.83	72.50	72.66	73.08	73.21	72.98	
6	72.89	73.08	72.68	73.06	72.73	73.10	72.84	72.48	72.69	73.23	73.13	72.97	
7	73.02	72.99	72.70	73.21	72.87	73.15	72.95	72.62	72.84	73.20	73.06	73.07	
8	72.80	73.13	72.69	73.12	72.75	73.17	73.11	72.60	72.86	73.23	73.20	72.95	
9	72.82	73.23	72.84	73.08	72.77	73.02	73.01	72.61	72.87	73.22	73.05	72.98	
10	72.90	73.23	73.01	73.25	72.81	72.90	72.89	72.61	72.90	73.32	73.01	72.91	
11	72.81	73.16	73.08	73.22	72.83	72.86	72.90	72.59	72.75	73.17	73.09	72.97	
12	72.91	73.16	72.97	73.20	72.83	72.78	73.07	72.54	72.93	73.33	73.11	73.20	
13	72.94	73.40	73.02	73.16	72.78	72.81	73.49	72.51	73.05	72.99	73.16	73.24	
14	73.09	73.14	73.03	73.16	72.96	72.77	74.63	72.59	72.98	72.92	73.12	73.20	
15	72.88	73.53	73.06	73.12	73.07	72.74	75.04	72.53	73.20	73.14	73.15	73.21	
16	73.01	73.65	72.89	72.98	72.86	72.85	74.97	72.57	73.03	73.03	73.18	73.11	
17	72.79	73.53	72.95	73.05	72.88	72.77	75.20	72.51	72.97	73.18	73.09	73.17	
18	72.86	73.68	72.98	73.10	73.02	72.83	74.57	72.59	72.90	73.35	73.10	73.11	
19	72.91	73.53	73.04	73.12	73.19	73.02	73.90	72.55	72.88	73.17	73.08	73.13	
20	72.82	73.21	73.19	73.21	72.95	73.16	73.50	72.55	72.98	73.17	73.20	73.18	
21	73.01	72.98	73.18	73.16	72.89	73.72	73.24	72.71	73.01	72.95	73.14	73.13	
22	72.91	73.00	73.15	73.11	72.75	74.09	73.05	72.57	73.25	73.03	73.16	73.15	
23	72.75	72.81	73.09	72.94	72.98	73.75	72.90	72.78	73.32	73.33	73.16	73.10	
24	72.78	72.73	73.06	73.14	72.95	73.59	72.79	72.92	73.13	73.06	73.06	73.07	
25	72.84	72.65	72.88	73.09	72.76	73.29	72.74	73.02	73.09	73.19	73.08	73.08	
26	72.86	72.60	72.91	73.22	72.70	73.01	72.67	73.06	73.10	73.17	73.13	73.11	
27	72.84	72.56	73.17	73.20	72.68	72.92	72.58	72.90	73.30	73.20	73.09	73.15	
28	72.79	72.50	73.10	73.32	72.73	72.88	72.53	72.99	73.18	73.01	72.98	73.13	
29	72.77	72.52	73.12	73.27	72.72	72.88	72.46	72.59	73.27	73.24	73.10	73.14	
30	72.70	72.55	73.27	73.13	72.75	72.79	72.49	72.62	73.17	73.15	73.25	73.22	
31		72.55		73.00	72.84		72.57		72.89	73.12		73.21	
Mean	72.88	73.01	72.94	73.13	72.86	73.06	73.24	72.65	72.96	73.13	73.11	73.09	
Max	73.09	73.68	73.27	73.32	73.19	74.09	75.20	73.06	73.32	73.35	73.21	73.24	75.20
Min	72.70	72.50	72.51	72.92	72.68	72.74	72.46	72.48	72.60	72.81	72.98	72.90	72.46
Annual Max Momentary Gage Height	75.25		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	71.73		m. (MSL.) ,			River Bed	72.18		m. (MSL.)				
Left Bank Elevation		82.44		m. (MSL.) ,									
Right Bank Elevation		84.56		m. (MSL.) ,		Drainage Are	42,464		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	259.50	217.50	148.00	342.00	298.00	224.50	245.50	121.25	135.00	322.00	338.00	274.00		
2	187.00	187.00	138.25	314.00	235.00	235.00	238.50	126.75	148.00	259.50	322.00	274.00		
3	245.50	207.00	126.75	318.00	245.50	314.00	231.50	129.50	141.50	224.50	334.00	235.00		
4	259.50	224.50	110.25	242.00	228.00	306.00	224.50	126.75	148.00	203.50	274.00	290.00		
5	266.50	245.50	154.50	252.50	190.25	294.00	210.50	107.50	154.50	302.00	354.00	263.00		
6	231.50	302.00	161.00	294.00	177.25	310.00	214.00	102.00	164.25	362.00	322.00	259.50		
7	278.00	266.50	167.50	354.00	224.50	330.00	252.50	141.50	214.00	350.00	294.00	298.00		
8	200.00	322.00	164.25	318.00	183.75	338.00	314.00	135.00	221.00	362.00	350.00	252.50		
9	207.00	362.00	214.00	302.00	190.25	278.00	274.00	138.25	224.50	358.00	290.00	263.00		
10	235.00	362.00	274.00	370.00	203.50	235.00	231.50	138.25	235.00	398.00	274.00	238.50		
11	203.50	334.00	302.00	358.00	210.50	221.00	235.00	132.25	183.75	338.00	306.00	259.50		
12	238.50	334.00	259.50	350.00	210.50	193.50	298.00	118.50	245.50	402.00	314.00	350.00		
13	249.00	430.00	278.00	334.00	193.50	203.50	470.50	110.25	290.00	266.50	334.00	366.00		
14	306.00	326.00	282.00	334.00	256.00	190.25	1228.50	132.25	263.00	242.00	318.00	350.00		
15	228.00	488.50	294.00	318.00	298.00	180.50	1632.00	115.75	350.00	326.00	330.00	354.00		
16	274.00	546.25	231.50	263.00	221.00	217.50	1560.00	126.75	282.00	282.00	342.00	314.00		
17	196.75	488.50	252.50	290.00	228.00	190.25	1800.00	110.25	259.50	342.00	306.00	338.00		
18	221.00	562.00	263.00	310.00	278.00	210.50	1174.50	132.25	235.00	410.00	310.00	314.00		
19	238.50	488.50	286.00	318.00	346.00	278.00	687.50	121.25	228.00	338.00	302.00	322.00		
20	207.00	354.00	346.00	354.00	252.50	334.00	475.00	121.25	263.00	338.00	350.00	342.00		
21	274.00	263.00	342.00	334.00	231.50	583.00	366.00	170.75	274.00	252.50	326.00	322.00		
22	238.50	270.00	330.00	314.00	183.75	808.50	290.00	126.75	370.00	282.00	334.00	330.00		
23	183.75	203.50	306.00	249.00	263.00	598.75	235.00	193.50	398.00	402.00	334.00	310.00		
24	193.50	177.25	294.00	326.00	252.50	515.50	196.75	242.00	322.00	294.00	294.00	298.00		
25	214.00	151.25	228.00	306.00	187.00	386.00	180.50	278.00	306.00	346.00	302.00	302.00		
26	221.00	135.00	238.50	358.00	167.50	274.00	157.75	294.00	310.00	338.00	322.00	314.00		
27	214.00	124.00	338.00	350.00	161.00	242.00	129.50	235.00	390.00	350.00	306.00	330.00		
28	196.75	107.50	310.00	398.00	177.25	228.00	115.75	266.50	342.00	274.00	263.00	322.00		
29	190.25	113.00	318.00	378.00	174.00	228.00	96.50	132.25	378.00	366.00	310.00	326.00		
30	167.50	121.25	378.00	322.00	183.75	196.75	104.75	141.50	338.00	330.00		358.00		
31		121.25		270.00	214.00		126.75		231.50	318.00		354.00		
Total	6825.00	8834.75	7535.50	9940.50	6865.25	9144.00	13996.75	4567.75	8045.00	9978.50	9155.00	9523.00	104411.00	CMSDAY
Mean	227.50	284.99	251.18	320.66	221.46	304.80	451.51	152.26	259.52	321.89	315.69	307.19	285.28	CMS
Max	306.00	562.00	378.00	398.00	346.00	808.50	1800.00	294.00	398.00	410.00	354.00	366.00	1800.00	CMS
Min	167.50	107.50	110.25	242.00	161.00	180.50	96.50	102.00	135.00	203.50	263.00	235.00	96.50	CMS
Runoff	589.68	763.32	651.07	858.86	593.16	790.04	1209.32	394.65	695.09	862.14	790.99	822.79	9021.11	MCM
Momentary Peak	1853.75 CMS. at 75.25 m. (MSL.) at 12.00 Hours , on Oct 17, 2007													

WATER YEAR : 2007**PING RIVER BASIN****Ping River at Ban Yanree , Tak (P.12C)**

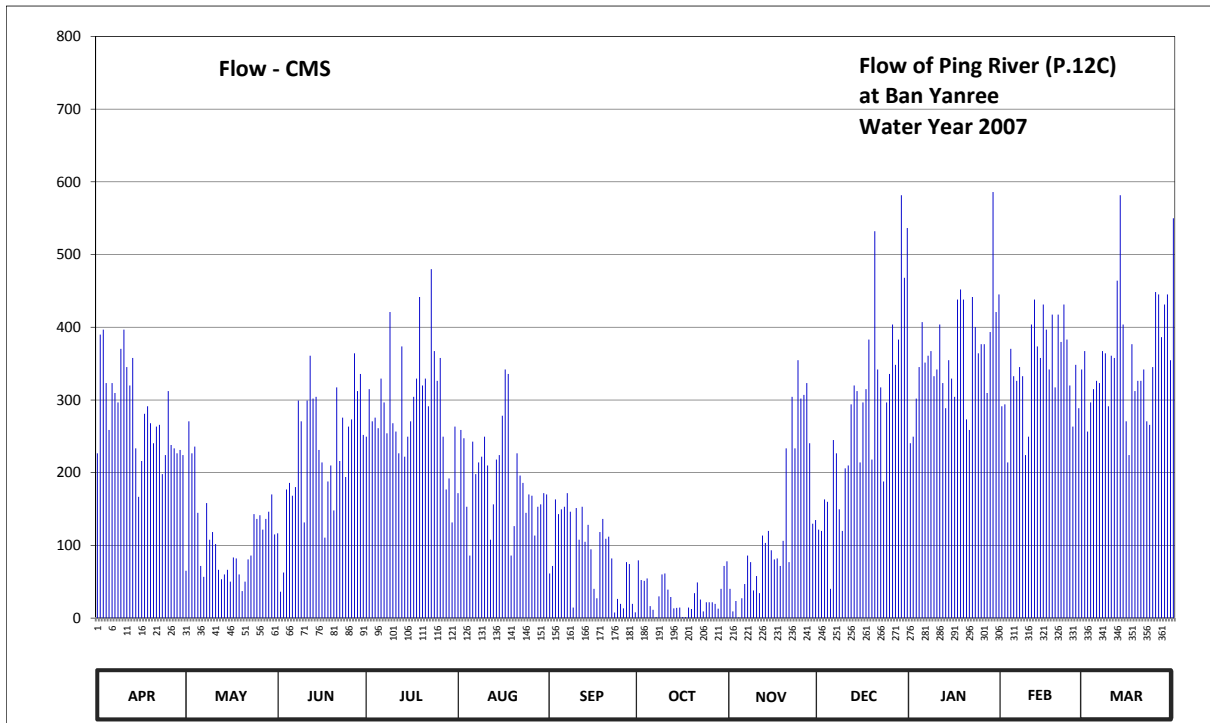
Lat 17 - 14 - 17 N Long 99 - 01 - 32 E

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 good. Flow regulated by Phumiphol Dam reservoir downstream from the gage site. Stage-discharge relation defined by 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	131.02	130.04	130.41	131.12	130.74	130.01	130.15	129.82	130.44	131.08	131.29	131.55	
2	131.62	131.21	129.78	131.38	131.16	130.09	129.93	129.38	130.43	131.12	131.30	131.15	
3	131.64	131.02	130.02	131.21	131.11	130.69	129.92	129.64	130.69	131.33	130.96	131.31	
4	131.41	131.06	130.77	131.23	130.63	130.57	129.95	129.10	130.67	131.48	131.56	131.38	
5	131.16	130.58	130.82	131.17	130.20	130.61	129.53	129.68	129.82	131.67	131.44	131.42	
6	131.41	130.09	130.72	131.43	131.09	130.63	129.43	129.88	131.10	131.50	131.42	131.41	
7	131.36	129.97	130.79	131.31	130.88	130.74	129.15	130.20	131.02	131.53	131.48	131.55	
8	131.31	130.66	131.32	131.14	130.96	130.59	129.71	130.13	130.61	131.55	131.44	131.54	
9	131.56	130.35	131.21	131.71	131.00	129.49	130.00	129.80	130.43	131.44	131.01	131.29	
10	131.64	130.42	130.50	131.20	131.12	130.62	130.01	129.98	130.92	131.47	131.12	131.53	
11	131.48	130.31	131.32	131.15	130.94	130.35	129.81	129.76	130.94	131.66	131.66	131.52	
12	131.40	130.05	131.53	131.02	130.35	130.63	129.70	130.39	131.30	131.41	131.76	131.83	
13	131.52	129.94	131.33	131.57	130.65	130.33	129.47	130.32	131.40	131.28	131.57	132.11	
14	131.05	130.00	131.34	131.00	130.98	130.48	129.48	130.43	131.37	131.51	131.52	131.66	
15	130.71	130.05	131.04	131.12	131.01	130.26	129.49	130.25	130.96	131.43	131.74	131.21	
16	130.97	129.91	130.96	131.21	131.24	129.82	129.15	130.16	131.31	131.34	131.64	131.01	
17	131.25	130.18	130.37	131.34	131.47	129.68	129.13	130.17	131.38	131.76	131.47	131.58	
18	131.29	130.17	130.83	131.43	131.45	130.42	129.49	130.09	131.60	131.80	131.70	131.37	
19	131.20	130.00	130.94	131.77	130.20	130.53	129.45	130.34	130.98	131.76	131.39	131.42	
20	131.08	129.79	130.60	131.40	130.47	130.36	129.76	131.05	132.00	131.22	131.70	131.42	
21	131.18	129.91	131.39	131.43	131.02	130.38	129.90	130.13	131.47	131.16	131.59	131.47	
22	131.19	130.16	130.97	131.29	130.87	130.17	129.66	131.34	131.39	131.77	131.74	131.21	
23	130.88	130.20	131.23	131.87	130.82	129.34	129.38	131.05	130.83	131.65	131.60	131.19	
24	131.01	130.57	130.86	131.55	130.58	129.67	129.62	131.51	131.31	131.54	131.40	131.48	
25	131.37	130.53	131.18	131.42	130.73	129.59	129.62	131.33	131.45	131.58	131.18	131.79	
26	131.07	130.56	131.22	131.52	130.72	129.47	129.62	131.35	131.66	131.58	131.49	131.78	
27	131.05	130.44	131.54	131.12	130.39	130.13	129.59	131.41	131.49	131.36	131.28	131.61	
28	131.02	130.53	131.37	130.77	130.63	130.11	129.46	131.08	131.60	131.63	131.47	131.74	
29	131.04	130.59	131.45	130.85	130.65	129.59	129.82	130.49	132.11	132.12	131.47	131.78	
30	131.01	130.73	131.13	130.50	130.74	129.35	130.09	130.52	131.84	131.71		131.51	
31		130.40		131.18	130.73		130.14		132.01	131.78		132.04	
Mean	131.23	130.34	130.96	131.27	130.82	130.16	129.66	130.36	131.18	131.52	131.46	131.51	
Max	131.64	131.21	131.54	131.87	131.47	130.74	130.15	131.51	132.11	132.12	131.76	132.11	132.12
Min	130.71	129.79	129.78	130.50	130.20	129.34	129.13	129.10	129.82	131.08	130.96	131.01	129.10
Annual Max Momentary Gage Height	133.38	m. (MSL.) ,		at 15.00 Hours , on Dec 18, 2007									
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, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	226.60	65.20	116.65	249.60	171.80	61.30	79.50	40.20	121.60	240.40	291.40	367.25	
2	389.90	270.60	36.20	314.80	258.80	71.70	52.30	9.20	119.95	249.60	294.00	256.50	
3	396.80	226.60	62.60	270.60	247.30	163.30	51.20	23.60	163.30	301.80	214.00	296.60	
4	323.15	235.80	176.90	275.80	153.10	143.05	54.50	1.00	159.90	345.20	370.40	314.80	
5	258.80	144.70	186.00	261.10	86.00	149.70	16.50	27.20	40.20	407.15	332.60	326.30	
6	323.15	71.70	168.40	329.45	242.70	153.10	11.50	46.80	245.00	351.50	326.30	323.15	
7	309.60	56.70	180.30	296.60	198.00	171.80	1.50	86.00	226.60	360.95	345.20	367.25	
8	296.60	158.20	299.20	254.20	214.00	146.35	29.90	76.90	149.70	367.25	332.60	364.10	
9	370.40	107.75	270.60	420.95	222.00	14.50	60.00	38.00	119.95	332.60	224.30	291.40	
10	396.80	118.30	131.50	268.00	249.60	151.40	61.30	57.80	206.00	342.05	249.60	360.95	
11	345.20	101.95	299.20	256.50	210.00	107.75	39.10	34.40	210.00	403.70	403.70	357.80	
12	320.00	66.50	360.95	226.60	107.75	153.10	29.00	113.55	294.00	323.15	438.20	464.00	
13	357.80	53.40	301.80	373.55	156.50	104.85	13.50	103.40	320.00	288.80	373.55	581.50	
14	233.50	60.00	304.40	222.00	218.00	128.20	14.00	119.95	312.20	354.65	357.80	403.70	
15	166.70	66.50	231.20	249.60	224.30	94.70	14.50	93.25	214.00	329.45	431.30	270.60	
16	216.00	50.10	214.00	270.60	278.40	40.20	1.50	80.80	296.60	304.40	396.80	224.30	
17	281.00	83.40	110.65	304.40	342.05	27.20	1.30	82.10	314.80	438.20	342.05	376.70	
18	291.40	82.10	188.00	329.45	335.75	118.30	14.50	71.70	383.00	452.00	417.50	312.20	
19	268.00	60.00	210.00	441.65	86.00	136.45	12.50	106.30	218.00	438.20	317.40	326.30	
20	240.40	37.10	148.00	320.00	126.55	109.20	34.40	233.50	532.00	273.20	417.50	326.30	
21	263.40	50.10	317.40	329.45	226.60	112.10	49.00	76.90	342.05	258.80	379.85	342.05	
22	265.70	80.80	216.00	291.40	196.00	82.10	25.40	304.40	317.40	441.65	431.30	270.60	
23	198.00	86.00	275.80	480.00	186.00	7.60	9.20	233.50	188.00	400.25	383.00	265.70	
24	224.30	143.05	194.00	367.25	144.70	26.30	21.80	354.65	296.60	364.10	320.00	345.20	
25	312.20	136.45	263.40	326.30	170.10	19.50	21.80	301.80	335.75	376.70	263.40	448.55	
26	238.10	141.40	273.20	357.80	168.40	13.50	21.80	307.00	403.70	376.70	348.35	445.10	
27	233.50	121.60	364.10	249.60	113.55	76.90	19.50	323.15	348.35	309.60	288.80	386.45	
28	226.60	136.45	312.20	176.90	153.10	74.30	13.00	240.40	383.00	393.35	342.05	431.30	
29	231.20	146.35	335.75	192.00	156.50	19.50	40.20	129.85	581.50	586.00	342.05	445.10	
30	224.30	170.10	251.90	131.50	171.80	8.00	71.70	134.80	468.00	420.95		354.65	
31		115.00		263.40	170.10		78.20		536.50	445.10		550.00	
Total	8429.10	3443.90	6800.30	9101.05	5985.45	2685.95	964.10	3852.10	8847.65	11277.45	9975.00	11196.40	82558.45 CMSDAY
Mean	280.97	111.09	226.68	293.58	193.08	89.53	31.10	128.40	285.41	363.79	343.97	361.17	225.57 CMS
Max	396.80	270.60	364.10	480.00	342.05	171.80	79.50	354.65	581.50	586.00	438.20	581.50	586.00 CMS
Min	166.70	37.10	36.20	131.50	86.00	7.60	1.30	1.00	40.20	240.40	214.00	224.30	1.00 CMS
Runoff	728.27	297.55	587.55	786.33	517.14	232.07	83.30	332.82	764.44	974.37	861.84	967.37	7133.05 MCM
Momentary Peak	1382.61	CMS.	at 133.38 m. (MSL.)					on Dec 18, 2007					
Runoff Yield	8.62	Liters/Second/Square KM.			Momentary Peak Yield	52.69		Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

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

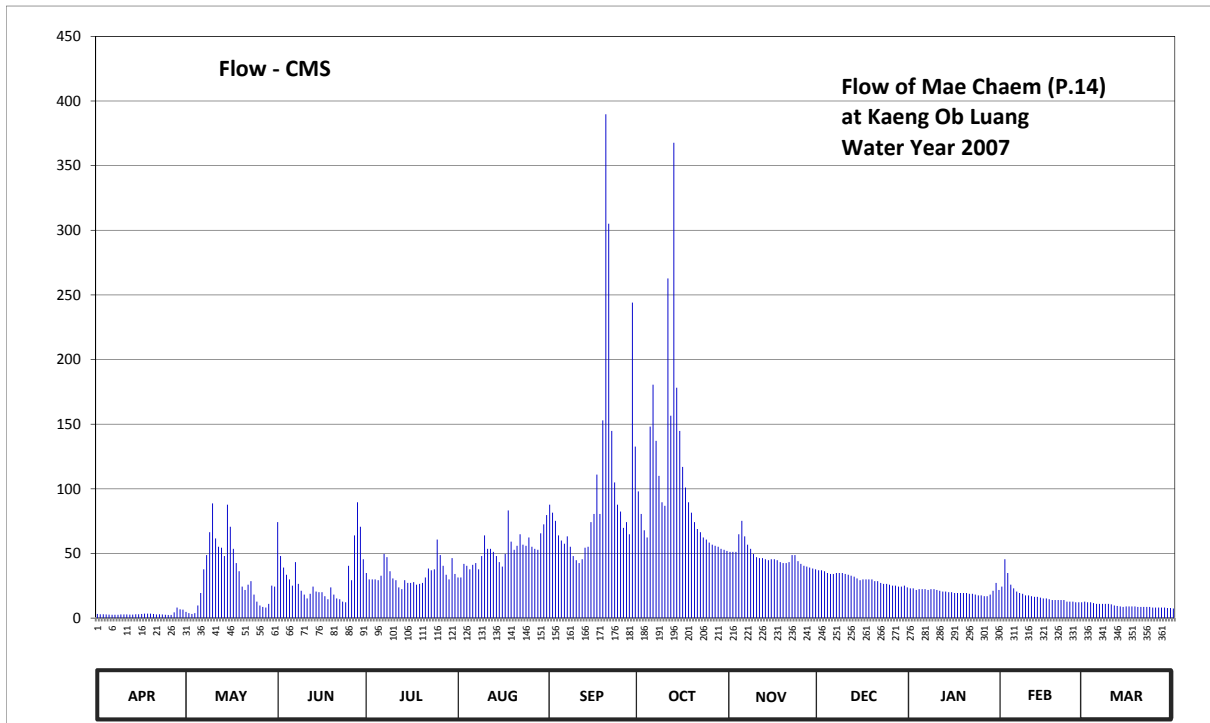
Lat 18 - 13 - 50 N Long 98 - 33 - 38 E

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	Staff gage.						
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	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	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	Fairly stable.						
Overbank Flow Conditions	No overbank flow.						
General Description	Records fair. The concrete weir situated about 6 kilometers downstream from the gage site. Stage-discharge relation defined by 18 discharge measurements made in 2007.						

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	278.41	278.49	279.57	279.07	279.02	279.72	279.83	279.29	279.10	278.90	278.92	278.73	
2	278.40	278.44	279.25	279.00	279.02	279.65	279.64	279.29	279.10	278.90	279.22	278.72	
3	278.40	278.41	279.13	279.00	279.17	279.58	279.50	279.29	279.09	278.88	279.07	278.72	
4	278.38	278.44	279.05	279.00	279.15	279.45	279.43	279.46	279.07	278.89	278.94	278.71	
5	278.37	278.67	279.00	278.99	279.11	279.40	280.31	279.58	279.06	278.89	278.90	278.70	
6	278.36	278.84	278.93	279.04	279.16	279.37	280.58	279.44	279.06	278.89	278.86	278.70	
7	278.36	279.11	279.19	279.27	279.18	279.44	280.21	279.36	279.07	278.88	278.84	278.70	
8	278.36	279.26	278.95	279.24	279.11	279.34	279.95	279.32	279.07	278.89	278.83	278.70	
9	278.38	279.48	278.87	279.09	279.25	279.25	279.74	279.27	279.07	278.89	278.81	278.70	
10	278.38	279.73	278.82	279.01	279.45	279.21	279.71	279.24	279.06	278.88	278.81	278.69	
11	278.38	279.42	278.77	278.99	279.32	279.18	281.15	279.23	279.05	278.87	278.80	278.67	
12	278.37	279.34	278.83	278.91	279.32	279.22	280.38	279.23	279.04	278.86	278.79	278.66	
13	278.37	279.33	278.92	278.89	279.29	279.33	281.82	279.22	279.03	278.86	278.79	278.65	
14	278.39	279.25	278.86	278.99	279.25	279.34	280.56	279.21	279.01	278.85	278.78	278.64	
15	278.40	279.72	278.85	278.96	279.19	279.57	280.28	279.22	278.99	278.85	278.77	278.65	
16	278.41	279.53	278.85	278.96	279.14	279.64	280.02	279.22	279.00	278.84	278.77	278.65	
17	278.42	279.32	278.80	278.97	279.27	279.96	279.86	279.21	279.00	278.84	278.76	278.65	
18	278.42	279.18	278.76	278.94	279.67	279.64	279.74	279.19	279.00	278.84	278.75	278.65	
19	278.42	279.09	278.91	278.95	279.39	280.35	279.65	279.18	279.00	278.84	278.75	278.64	
20	278.41	278.92	278.82	278.96	279.31	281.96	279.57	279.18	278.98	278.84	278.75	278.64	
21	278.38	278.88	278.77	279.02	279.35	281.42	279.51	279.19	278.98	278.83	278.75	278.64	
22	278.39	278.94	278.76	279.12	279.46	280.28	279.48	279.26	278.96	278.83	278.75	278.64	
23	278.38	278.98	278.73	279.10	279.36	279.90	279.43	279.26	278.95	278.82	278.73	278.64	
24	278.36	278.82	278.72	279.11	279.35	279.72	279.41	279.20	278.95	278.81	278.73	278.63	
25	278.35	278.73	279.15	279.41	279.43	279.66	279.38	279.17	278.94	278.81	278.73	278.63	
26	278.35	278.67	278.99	279.26	279.34	279.52	279.36	279.15	278.93	278.80	278.72	278.63	
27	278.47	278.64	279.45	279.15	279.32	279.57	279.35	279.14	278.93	278.80	278.72	278.63	
28	278.63	278.63	279.74	279.05	279.31	279.46	279.34	279.13	278.92	278.82	278.72	278.63	
29	278.59	278.70	279.53	279.00	279.47	281.03	279.32	279.12	278.92	278.87	278.72	278.62	
30	278.58	278.93	279.22	279.23	279.55	280.17	279.31	279.11	278.93	278.96	278.96	278.62	
31		278.92		279.06	279.63		279.30		278.91	278.88		278.61	
Mean	278.41	278.99	279.01	279.06	279.30	279.78	279.84	279.25	279.01	278.86	278.81	278.66	
Max	278.63	279.73	279.74	279.41	279.67	281.96	281.82	279.58	279.10	278.96	279.22	278.73	281.96
Min	278.35	278.41	278.72	278.89	279.02	279.18	279.30	279.11	278.91	278.80	278.72	278.61	278.35
Annual Max Momentary Gage Height	282.49		m. (MSL.) ,				at 18.00 Hours ,						on Sep 20, 2007
Zero Gage at Bottom Elevation	275.80		m. (MSL.) ,			River Bed	275.22		m. (MSL)				
Left Bank Elevation	284.66		m. (MSL.) ,										
Right Bank Elevation	287.46		m. (MSL.) ,			Drainage Are	3,836		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.20	4.80	74.30	34.90	31.40	87.80	98.00	51.20	37.00	23.00	24.40	12.80		
2	3.00	3.80	48.00	30.00	31.40	81.50	80.60	51.20	37.00	23.00	45.60	12.20		
3	3.00	3.20	39.10	30.00	41.90	75.20	68.00	51.20	36.30	21.80	34.90	12.20		
4	2.80	3.80	33.50	30.00	40.50	64.00	62.40	64.80	34.90	22.40	25.80	11.60		
5	2.70	9.80	30.00	29.30	37.70	60.00	148.20	75.20	34.20	22.40	23.00	11.00		
6	2.60	19.40	25.10	32.80	41.20	57.60	180.60	63.20	34.20	22.40	20.60	11.00		
7	2.60	37.70	43.30	49.60	42.60	63.20	137.10	56.80	34.90	21.80	19.40	11.00		
8	2.60	48.80	26.50	47.20	37.70	55.20	110.00	53.60	34.90	22.40	18.80	11.00		
9	2.80	66.40	21.20	36.30	48.00	48.00	89.60	49.60	34.90	22.40	17.60	11.00		
10	2.80	88.70	18.20	30.70	64.00	44.80	86.90	47.20	34.20	21.80	17.60	10.60		
11	2.80	61.60	15.20	29.30	53.60	42.60	262.83	46.40	33.50	21.20	17.00	9.80		
12	2.70	55.20	18.80	23.70	53.60	45.60	156.60	46.40	32.80	20.60	16.40	9.40		
13	2.70	54.40	24.40	22.40	51.20	54.40	367.80	45.60	32.10	20.60	16.40	9.00		
14	2.90	48.00	20.60	29.30	48.00	55.20	178.20	44.80	30.70	20.00	15.80	8.60		
15	3.00	87.80	20.00	27.20	43.30	74.30	144.80	45.60	29.30	20.00	15.20	9.00		
16	3.20	70.70	20.00	27.20	39.80	80.60	117.00	45.60	30.00	19.40	15.20	9.00		
17	3.40	53.60	17.00	27.90	49.60	111.00	101.00	44.80	30.00	19.40	14.60	9.00		
18	3.40	42.60	14.60	25.80	83.30	80.60	89.60	43.30	30.00	19.40	14.00	9.00		
19	3.40	36.30	23.70	26.50	59.20	153.00	81.50	42.60	30.00	19.40	14.00	8.60		
20	3.20	24.40	18.20	27.20	52.80	389.73	74.30	42.60	28.60	19.40	14.00	8.60		
21	2.80	21.80	15.20	31.40	56.00	305.13	68.90	43.30	28.60	18.80	14.00	8.60		
22	2.90	25.80	14.60	38.40	64.80	144.80	66.40	48.80	27.20	18.80	14.00	8.60		
23	2.80	28.60	12.80	37.00	56.80	105.00	62.40	48.80	26.50	18.20	12.80	8.60		
24	2.60	18.20	12.20	37.70	56.00	87.80	60.80	44.00	26.50	17.60	12.80	8.20		
25	2.50	12.80	40.50	60.80	62.40	82.40	58.40	41.90	25.80	17.60	12.80	8.20		
26	2.50	9.80	29.30	48.80	55.20	69.80	56.80	40.50	25.10	17.00	12.20	8.20		
27	4.40	8.60	64.00	40.50	53.60	74.30	56.00	39.80	25.10	17.00	12.20	8.20		
28	8.20	8.20	89.60	33.50	52.80	64.80	55.20	39.10	24.40	18.20	12.20	8.20		
29	6.80	11.00	70.70	30.00	65.60	244.03	53.60	38.40	24.40	21.20	12.20	7.80		
30	6.60	25.10	45.60	46.40	72.50	132.70	52.80	37.70	25.10	27.20		7.80		
31		24.40		34.20	79.70		52.00		23.70	21.80		7.40		
Total	100.90	1015.30	946.20	1056.00	1626.20	3035.09	3278.33	1434.00	941.90	636.20	515.50	294.20	14879.82	CMSDAY
Mean	3.36	32.75	31.54	34.06	52.46	101.17	105.75	47.80	30.38	20.52	17.78	9.49	40.66	CMS
Max	8.20	88.70	89.60	60.80	83.30	389.73	367.80	75.20	37.00	27.20	45.60	12.80	389.73	CMS
Min	2.50	3.20	12.20	22.40	31.40	42.60	52.00	37.70	23.70	17.00	12.20	7.40	2.50	CMS
Runoff	8.72	87.72	81.75	91.24	140.50	262.23	283.25	123.90	81.38	54.97	44.54	25.42	1285.62	MCM
Momentary Peak		488.00	CMS.	at 282.49 m. (MSL.)	at 18.00 Hours	, on Sep 20, 2007								
Runoff Yield		10.63	Liters/Second/Square KM.		Momentary Peak Yield	127.22	Liters/Second/Square KM.							

WATER YEAR : 2007**PING RIVER BASIN****Ping River at Wat Sri Phirom , Kamphaeng Phet (P.15)**

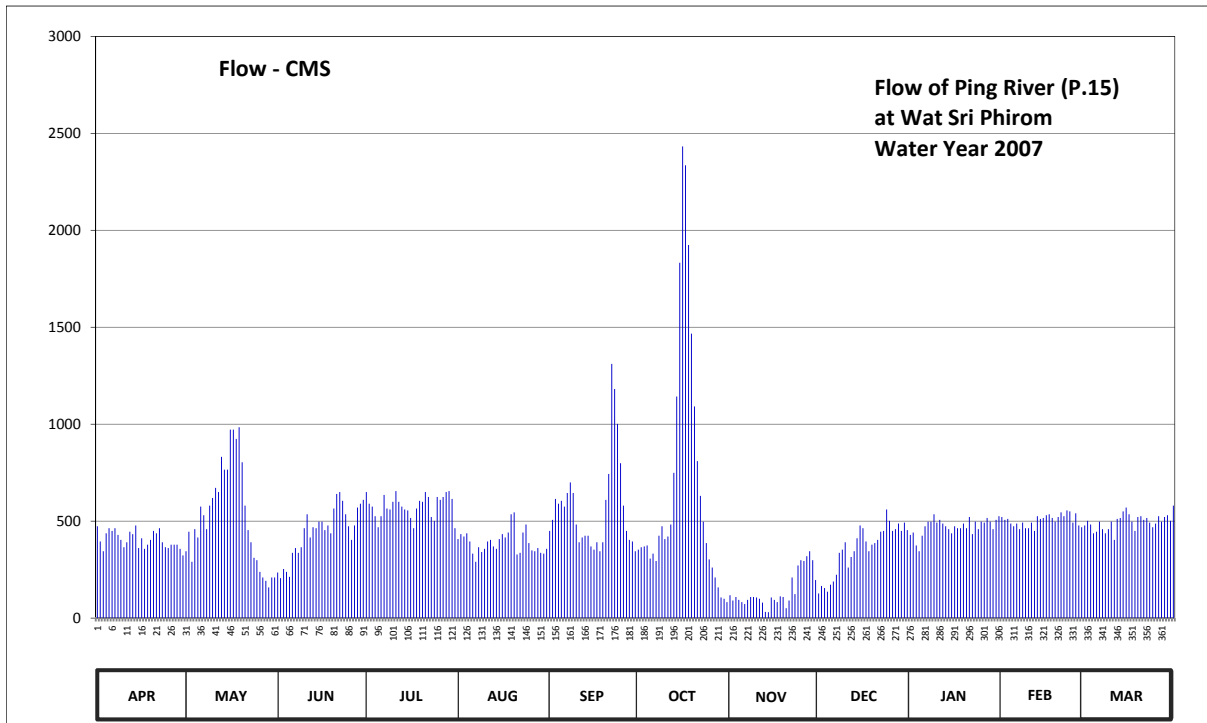
Lat 16 - 12 - 52 N Long 99 - 43 - 24 E

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	Fairly stable.						
Overbank Flow Conditions	No overbank flow.						
General Description	Records good. Stage-discharge relation defined by 21 discharge measurements made in 2007.						

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	53.64	53.34	53.06	54.00	53.49	53.59	53.36	52.71	52.74	53.54	53.74	53.65	
2	53.46	53.58	52.98	53.88	53.55	53.71	53.39	52.62	52.86	53.57	53.71	53.70	
3	53.34	53.21	53.11	53.85	53.52	53.93	53.40	52.68	52.83	53.41	53.72	53.66	
4	53.56	53.61	53.07	53.75	53.56	53.88	53.41	52.63	52.77	53.34	53.67	53.56	
5	53.62	53.51	53.00	53.63	53.46	53.91	53.25	52.59	52.88	53.53	53.64	53.58	
6	53.59	53.85	53.32	53.75	53.31	53.85	53.31	52.55	52.93	53.64	53.67	53.69	
7	53.62	53.76	53.38	53.97	53.21	53.99	53.22	52.63	53.03	53.69	53.61	53.61	
8	53.54	53.61	53.32	53.83	53.39	54.09	53.53	52.68	53.32	53.69	53.68	53.56	
9	53.48	53.86	53.39	53.82	53.33	53.99	53.64	52.68	53.36	53.77	53.62	53.61	
10	53.39	53.94	53.62	53.90	53.37	53.66	53.49	52.67	53.45	53.68	53.62	53.69	
11	53.45	54.04	53.77	54.01	53.46	53.45	53.52	52.65	53.13	53.71	53.68	53.48	
12	53.58	54.00	53.51	53.90	53.48	53.51	53.66	52.58	53.27	53.67	53.59	53.72	
13	53.55	54.33	53.63	53.85	53.40	53.53	54.18	52.38	53.34	53.64	53.75	53.73	
14	53.65	54.21	53.62	53.82	53.37	53.53	54.85	52.37	53.50	53.61	53.72	53.80	
15	53.38	54.21	53.69	53.81	53.49	53.40	55.89	52.67	53.65	53.56	53.73	53.84	
16	53.50	54.57	53.69	53.73	53.55	53.36	56.71	52.63	53.62	53.64	53.76	53.77	
17	53.37	54.57	53.60	53.62	53.51	53.45	56.58	52.59	53.46	53.62	53.77	53.69	
18	53.42	54.49	53.65	53.83	53.57	53.34	56.02	52.69	53.34	53.62	53.73	53.59	
19	53.48	54.59	53.56	53.91	53.77	53.45	55.35	52.68	53.42	53.67	53.69	53.74	
20	53.59	54.28	53.83	53.90	53.79	53.92	54.77	52.46	53.44	53.62	53.74	53.75	
21	53.56	53.86	53.98	54.00	53.30	54.17	54.29	52.62	53.48	53.74	53.79	53.71	
22	53.62	53.60	54.00	53.95	53.32	55.11	53.96	52.99	53.58	53.55	53.75	53.73	
23	53.45	53.45	53.91	53.74	53.57	54.91	53.69	52.73	53.59	53.69	53.81	53.68	
24	53.39	53.26	53.77	53.70	53.66	54.62	53.44	53.16	53.82	53.61	53.80	53.63	
25	53.38	53.23	53.64	53.95	53.44	54.27	53.24	53.23	53.70	53.69	53.68	53.67	
26	53.42	53.07	53.48	53.92	53.35	53.86	53.13	53.22	53.59	53.68	53.78	53.75	
27	53.42	52.99	53.65	53.95	53.34	53.59	52.99	53.28	53.61	53.73	53.65	53.69	
28	53.42	52.94	53.84	54.00	53.38	53.48	52.84	53.34	53.67	53.69	53.63	53.74	
29	53.37	52.84	53.88	54.01	53.32	53.46	52.67	53.23	53.59	53.61	53.65	53.76	
30	53.29	52.99	53.92	53.93	53.31	53.34	52.65	52.95	53.68	53.71	53.71	53.70	
31		52.99		53.62	53.37		52.59		53.60	53.75		53.86	
Mean	53.48	53.70	53.56	53.86	53.45	53.81	53.90	52.76	53.36	53.63	53.70	53.69	
Max	53.65	54.59	54.00	54.01	53.79	55.11	56.71	53.34	53.82	53.77	53.81	53.86	56.71
Min	53.29	52.84	52.98	53.62	53.21	53.34	52.59	52.37	52.74	53.34	53.59	53.48	52.37
Annual Max Momentary Gage Height	56.77		m. (MSL.) ,				at 06.00 Hours , on Oct 16, 2007						
Zero Gage at Bottom Elevation		51.55	m. (MSL.) ,			River Bed	53.03	m. (MSL.)					
Left Bank Elevation		57.48	m. (MSL.) ,										
Right Bank Elevation		57.53	m. (MSL.) ,			Drainage Are	44,461	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	473.20	344.80	234.90	650.00	407.80	449.80	353.20	118.00	127.00	428.80	521.20	478.00		
2	395.20	445.60	206.20	590.00	433.00	506.80	365.80	91.00	165.40	441.40	506.80	502.00		
3	344.80	290.20	253.15	575.00	420.40	615.00	370.00	109.00	155.20	374.20	511.60	482.80		
4	437.20	458.80	238.55	526.00	437.20	590.00	374.20	94.00	136.00	344.80	487.60	437.20		
5	463.60	416.20	213.00	468.40	395.20	605.00	307.00	82.55	172.20	424.60	473.20	445.60		
6	449.80	575.00	336.40	526.00	332.20	575.00	332.20	72.75	189.20	473.20	487.60	497.20		
7	463.60	530.80	361.60	635.00	290.20	645.00	294.40	94.00	223.95	497.20	458.80	458.80		
8	428.80	458.80	336.40	565.00	365.80	699.50	424.60	109.00	336.40	497.20	492.40	437.20		
9	403.60	580.00	365.80	560.00	340.60	645.00	473.20	109.00	353.20	535.60	463.60	458.80		
10	365.80	620.00	463.60	600.00	357.40	482.80	407.80	106.00	391.00	492.40	463.60	497.20		
11	391.00	672.00	535.60	655.50	395.20	391.00	420.40	100.00	260.45	506.80	492.40	403.60		
12	445.60	650.00	416.20	600.00	403.60	416.20	482.80	80.10	315.40	487.60	449.80	511.60		
13	433.00	831.50	468.40	575.00	370.00	424.60	749.00	32.40	344.80	473.20	526.00	516.40		
14	478.00	765.50	463.60	560.00	357.40	424.60	1142.50	30.60	412.00	458.80	511.60	550.00		
15	361.60	765.50	497.20	555.00	407.80	370.00	1833.00	106.00	478.00	437.20	516.40	570.00		
16	412.00	972.00	497.20	516.40	433.00	353.20	2432.50	94.00	463.60	473.20	530.80	535.60		
17	357.40	972.00	454.00	463.60	416.20	391.00	2335.00	82.55	395.20	463.60	535.60	497.20		
18	378.40	924.00	478.00	565.00	441.40	344.80	1924.00	112.00	344.80	463.60	516.40	449.80		
19	403.60	984.00	437.20	605.00	535.60	391.00	1467.50	109.00	378.40	487.60	497.20	521.20		
20	449.80	804.00	565.00	600.00	545.20	610.00	1092.00	50.70	386.80	463.60	521.20	526.00		
21	437.20	580.00	640.00	650.00	328.00	743.50	809.50	91.00	403.60	521.20	545.20	506.80		
22	463.60	454.00	650.00	625.00	336.40	1311.50	630.00	209.60	445.60	433.00	526.00	516.40		
23	391.00	391.00	605.00	521.20	441.40	1181.50	497.20	124.00	449.80	497.20	555.00	492.40		
24	365.80	311.20	535.60	502.00	482.80	1002.00	386.80	271.40	560.00	458.80	550.00	468.40		
25	361.60	298.60	473.20	625.00	386.80	798.50	302.80	298.60	502.00	497.20	492.40	487.60		
26	378.40	238.55	403.60	610.00	349.00	580.00	260.45	294.40	449.80	492.40	540.40	526.00		
27	378.40	209.60	478.00	625.00	344.80	449.80	209.60	319.60	458.80	516.40	478.00	497.20		
28	378.40	192.60	570.00	650.00	361.60	403.60	158.60	344.80	487.60	497.20	468.40	521.20		
29	357.40	158.60	590.00	655.50	336.40	395.20	106.00	298.60	449.80	458.80	478.00	530.80		
30	323.80	209.60	610.00	615.00	332.20	344.80	100.00	196.00	492.40	506.80		502.00		
31		209.60		463.60	357.40		82.55		454.00	526.00		580.00		
Total	12171.60	16314.05	13377.40	17933.20	12142.00	17140.70	21124.60	4230.65	11182.40	14629.60	14597.20	15405.00	170248.40	CMSDAY
Mean	405.72	526.26	445.91	578.49	391.68	571.36	681.44	141.02	360.72	471.92	503.35	496.94	465.16	CMS
Max	478.00	984.00	650.00	655.50	545.20	1311.50	2432.50	344.80	560.00	535.60	555.00	580.00	2432.50	CMS
Min	323.80	158.60	206.20	463.60	290.20	344.80	82.55	30.60	127.00	344.80	449.80	403.60	30.60	CMS
Runoff	1051.63	1409.53	1155.81	1549.43	1049.07	1480.96	1825.17	365.53	966.16	1264.00	1261.20	1330.99	14709.46	MCM
Momentary Peak	2477.50 CMS. at 56.77 m. (MSL.) at 06.00 Hours , on Oct 16, 2007													
Runoff Yield	10.49 Liters/Second/Square KM.		Momentary Peak Yield		55.72 Liters/Second/Square KM.									

WATER YEAR : 2007

PING RIVER BASIN

Ping River at Ban San Tor , Kamphaeng Phet (P.16)

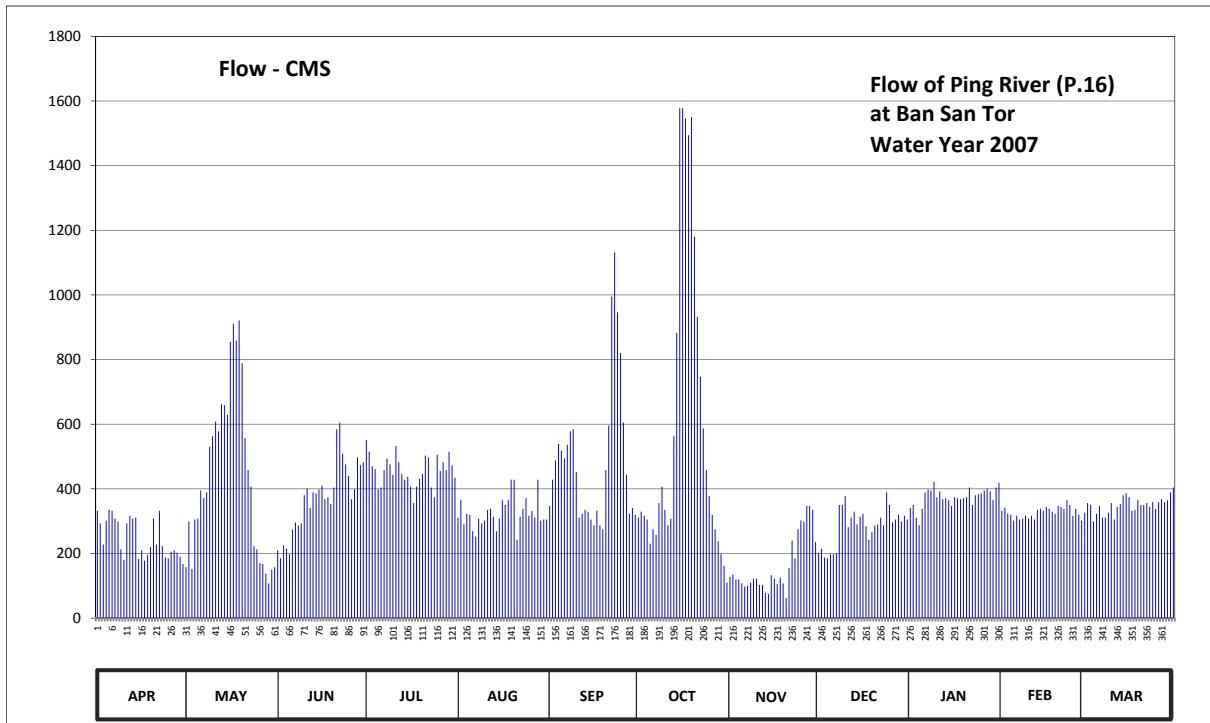
Lat 16 - 03 - 45 N Long 99 - 51 - 48 E

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	Fairly stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.44	40.79	41.00	42.17	41.37	41.49	41.37	40.67	40.97	41.47	41.44	41.42	
2	41.31	41.33	40.90	42.05	41.55	41.76	41.43	40.70	41.02	41.50	41.47	41.52	
3	41.07	40.77	41.06	41.90	41.30	41.96	41.39	40.64	40.91	41.37	41.41	41.50	
4	41.34	41.35	41.02	41.87	41.41	42.13	41.35	40.64	40.90	41.29	41.40	41.33	
5	41.45	41.36	40.95	41.66	41.40	42.06	41.08	40.59	40.95	41.46	41.34	41.41	
6	41.44	41.65	41.25	41.68	41.23	41.98	41.25	40.55	40.95	41.63	41.39	41.49	
7	41.36	41.57	41.32	41.86	41.17	42.12	41.19	40.56	40.96	41.66	41.35	41.37	
8	41.33	41.63	41.29	41.98	41.36	42.26	41.52	40.60	41.50	41.65	41.36	41.37	
9	41.01	42.10	41.31	41.92	41.31	42.28	41.69	40.65	41.50	41.74	41.39	41.42	
10	40.88	42.21	41.60	41.81	41.34	41.84	41.45	40.65	41.59	41.58	41.36	41.52	
11	41.31	42.36	41.67	42.11	41.45	41.37	41.29	40.57	41.27	41.64	41.39	41.35	
12	41.39	42.26	41.47	41.94	41.46	41.41	41.36	40.57	41.37	41.56	41.35	41.48	
13	41.36	42.54	41.63	41.82	41.38	41.45	42.21	40.47	41.43	41.57	41.45	41.51	
14	41.37	42.53	41.62	41.76	41.23	41.43	43.18	40.46	41.30	41.55	41.46	41.60	
15	40.89	42.43	41.66	41.79	41.36	41.35	45.07	40.69	41.38	41.49	41.44	41.62	
16	41.00	43.10	41.70	41.69	41.55	41.29	45.07	40.65	41.41	41.58	41.48	41.58	
17	40.87	43.26	41.56	41.52	41.50	41.44	44.99	40.58	41.28	41.57	41.46	41.44	
18	40.94	43.11	41.58	41.69	41.55	41.29	44.86	40.66	41.13	41.56	41.43	41.45	
19	41.04	43.29	41.51	41.77	41.76	41.25	45.00	40.59	41.22	41.57	41.41	41.55	
20	41.36	42.91	41.68	41.82	41.76	41.86	44.03	40.41	41.29	41.58	41.49	41.50	
21	41.07	42.19	42.28	42.01	41.13	42.32	43.32	40.78	41.30	41.68	41.48	41.50	
22	41.44	41.86	42.35	41.99	41.38	43.50	42.79	41.12	41.37	41.50	41.46	41.52	
23	41.05	41.69	42.03	41.68	41.46	43.89	42.29	40.90	41.29	41.60	41.55	41.48	
24	40.91	41.05	41.92	41.58	41.57	43.36	41.86	41.25	41.63	41.61	41.50	41.53	
25	40.90	41.01	41.80	42.02	41.39	43.00	41.59	41.34	41.50	41.62	41.39	41.46	
26	40.98	40.84	41.56	41.85	41.44	42.35	41.40	41.33	41.32	41.65	41.46	41.53	
27	41.00	40.83	41.66	41.94	41.37	41.81	41.25	41.49	41.35	41.67	41.40	41.56	
28	40.97	40.71	41.99	41.86	41.76	41.41	41.11	41.49	41.40	41.64	41.34	41.53	
29	40.92	40.59	41.91	42.05	41.34	41.47	40.95	41.45	41.33	41.55	41.38	41.55	
30	40.83	40.76	41.94	41.91	41.35	41.40	40.81	41.10	41.39	41.68	41.68	41.63	
31		40.79		41.78	41.35		40.60		41.35	41.73		41.68	
Mean	41.14	41.77	41.57	41.85	41.42	41.95	42.22	40.80	41.28	41.58	41.42	41.50	
Max	41.45	43.29	42.35	42.17	41.76	43.89	45.07	41.49	41.63	41.74	41.55	41.68	45.07
Min	40.83	40.59	40.90	41.52	41.13	41.25	40.60	40.41	40.90	41.29	41.34	41.33	40.41
Annual Max Momentary Gage Height	45.29		m. (MSL.) ,				at 18.00 Hours ,		on Oct 15, 2007				
Zero Gage at Bottom Elevation	41.78		m. (MSL.) ,			River Bed	40.53		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	332.00	157.50	210.00	551.00	311.00	347.00	311.00	127.50	202.50	341.00	332.00	326.00		
2	293.00	299.00	185.00	515.00	365.00	428.00	329.00	135.00	215.00	350.00	341.00	356.00		
3	227.50	152.50	225.00	470.00	290.00	488.00	317.00	120.00	187.50	311.00	323.00	350.00		
4	302.00	305.00	215.00	461.00	323.00	539.00	305.00	120.00	185.00	287.00	320.00	299.00		
5	335.00	308.00	197.50	398.00	320.00	518.00	230.00	107.50	197.50	338.00	302.00	323.00		
6	332.00	395.00	275.00	404.00	269.00	494.00	275.00	97.50	197.50	389.00	317.00	347.00		
7	308.00	371.00	296.00	458.00	252.50	536.00	257.50	100.00	200.00	398.00	305.00	311.00		
8	299.00	389.00	287.00	494.00	308.00	578.00	356.00	110.00	350.00	395.00	308.00	311.00		
9	212.50	530.00	293.00	476.00	293.00	584.00	407.00	122.50	350.00	422.00	317.00	326.00		
10	180.00	563.00	380.00	443.00	302.00	452.00	335.00	122.50	377.00	374.00	308.00	356.00		
11	293.00	608.00	401.00	533.00	335.00	311.00	287.00	102.50	281.00	392.00	317.00	305.00		
12	317.00	578.00	341.00	482.00	338.00	323.00	308.00	102.50	311.00	368.00	305.00	344.00		
13	308.00	662.00	389.00	446.00	314.00	335.00	563.00	77.50	329.00	371.00	335.00	353.00		
14	311.00	659.00	386.00	428.00	269.00	329.00	883.00	75.00	290.00	365.00	338.00	380.00		
15	182.50	629.00	398.00	437.00	308.00	305.00	1578.00	132.50	314.00	347.00	332.00	386.00		
16	210.00	855.00	410.00	407.00	365.00	287.00	1578.00	122.50	323.00	374.00	344.00	374.00		
17	177.50	911.00	368.00	356.00	350.00	332.00	1546.00	105.00	284.00	371.00	338.00	332.00		
18	195.00	858.50	374.00	407.00	365.00	287.00	1494.00	125.00	242.50	368.00	329.00	335.00		
19	220.00	921.50	353.00	431.00	428.00	275.00	1550.00	107.50	266.00	371.00	323.00	365.00		
20	308.00	788.50	404.00	446.00	428.00	458.00	1180.50	62.50	287.00	374.00	347.00	350.00		
21	227.50	557.00	584.00	503.00	242.50	596.00	932.00	155.00	290.00	404.00	344.00	350.00		
22	332.00	458.00	605.00	497.00	314.00	995.00	746.50	240.00	311.00	350.00	338.00	356.00		
23	222.50	407.00	509.00	404.00	338.00	1131.50	587.00	185.00	287.00	380.00	365.00	344.00		
24	187.50	222.50	476.00	374.00	371.00	946.00	458.00	275.00	389.00	383.00	350.00	359.00		
25	185.00	212.50	440.00	506.00	317.00	820.00	377.00	302.00	350.00	386.00	317.00	338.00		
26	205.00	170.00	368.00	455.00	332.00	605.00	320.00	299.00	296.00	395.00	338.00	359.00		
27	210.00	167.50	398.00	482.00	311.00	443.00	275.00	347.00	305.00	401.00	320.00	368.00		
28	202.50	137.50	497.00	458.00	428.00	323.00	237.50	347.00	320.00	392.00	302.00	359.00		
29	190.00	107.50	473.00	515.00	302.00	341.00	197.50	335.00	299.00	365.00	314.00	365.00		
30	167.50	150.00	482.00	473.00	305.00	320.00	162.50	235.00	317.00	404.00		389.00		
31		157.50		434.00	305.00		110.00		305.00	419.00		404.00		
Total	7472.50	13687.50	11219.50	14144.00	10099.00	14726.50	18493.00	4895.00	8858.50	11585.00	9469.00	10820.00	135469.50	CMSDAY
Mean	249.08	441.53	373.98	456.26	325.77	490.88	596.55	163.17	285.76	373.71	326.52	349.03	370.14	CMS
Max	335.00	921.50	605.00	551.00	428.00	1131.50	1578.00	347.00	389.00	422.00	365.00	404.00	1578.00	CMS
Min	167.50	107.50	185.00	356.00	242.50	275.00	110.00	62.50	185.00	287.00	302.00	299.00	62.50	CMS
Runoff	645.62	1182.60	969.36	1222.04	872.55	1272.37	1597.80	422.93	765.37	1000.94	818.12	934.85	11704.56	MCM
Momentary Peak	1666.00 CMS. at 45.29 m. (MSL.) at 18.00 Hours , on Oct 15, 2007													
Runoff Yield	8.23 Liters/Second/Square KM.			Momentary Peak Yield				39.96 Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Ping River at Ban Tha Ngiu, Nakhon Sawan (P.17)

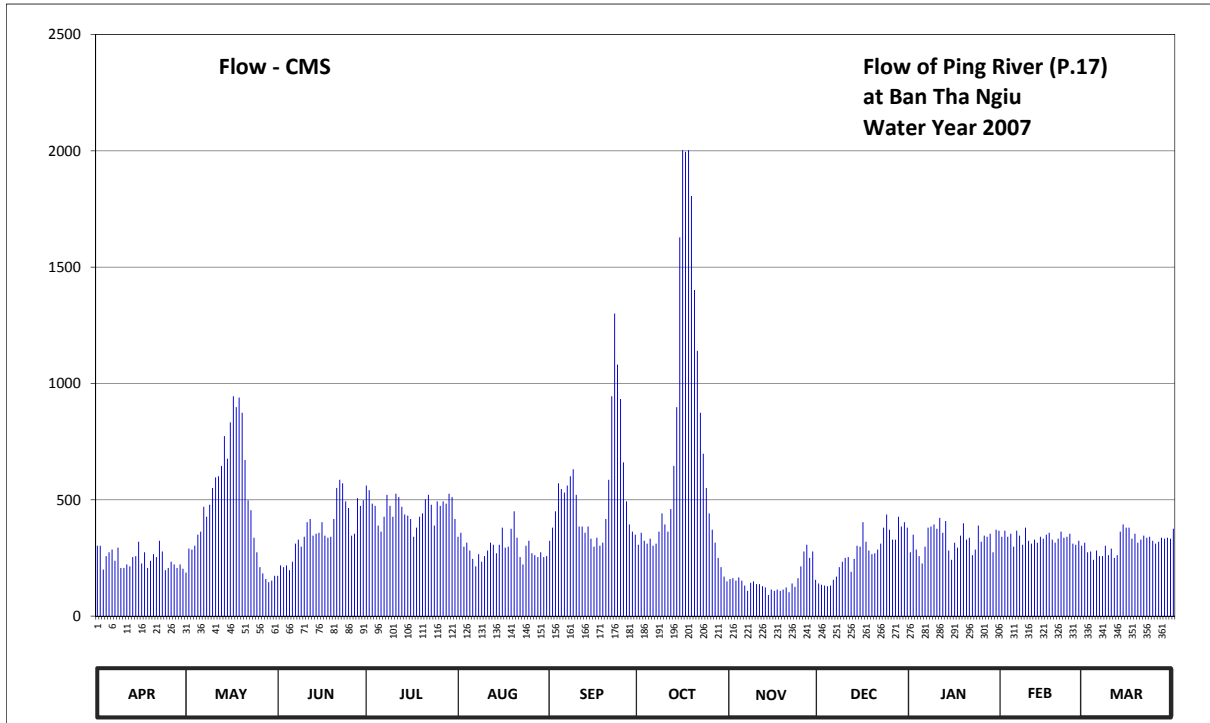
Lat 15 - 56 - 02 N Long 99 - 58 - 50 E

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	Overbank flow starts at elevation +38.090 m.(MSL.) and is including overbank flow.					
General Description	Records good. Flow effected by Phumiphol Dam. Stage-discharge relation defined by 40 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	35.22	34.92	34.88	35.78	35.31	35.27	35.23	34.84	34.78	35.15	35.31	35.25	
2	35.22	35.19	35.01	35.74	35.35	35.40	35.35	34.85	34.76	35.33	35.37	35.15	
3	34.96	35.18	34.99	35.62	35.21	35.55	35.27	34.82	34.75	35.18	35.31	35.16	
4	35.11	35.22	35.01	35.60	35.25	35.80	35.24	34.86	34.74	35.11	35.34	35.07	
5	35.15	35.33	34.95	35.42	35.17	35.75	35.29	34.82	34.75	35.03	35.21	35.17	
6	35.18	35.36	35.05	35.36	35.08	35.72	35.22	34.75	34.83	35.21	35.37	35.11	
7	35.06	35.59	35.24	35.50	35.00	35.78	35.24	34.67	34.87	35.40	35.32	35.11	
8	35.20	35.50	35.28	35.70	35.13	35.86	35.36	34.79	34.99	35.41	35.23	35.22	
9	34.98	35.61	35.21	35.60	35.05	35.92	35.53	34.81	35.05	35.43	35.40	35.12	
10	34.98	35.76	35.31	35.50	35.11	35.70	35.43	34.77	35.09	35.39	35.27	35.19	
11	35.02	35.85	35.45	35.71	35.17	35.41	35.36	34.77	35.10	35.49	35.24	35.09	
12	35.00	35.86	35.48	35.68	35.25	35.41	35.57	34.74	34.93	35.35	35.28	35.12	
13	35.10	35.95	35.32	35.59	35.23	35.35	35.95	34.72	35.08	35.46	35.25	35.36	
14	35.11	36.19	35.34	35.52	35.14	35.41	36.41	34.61	35.22	35.17	35.31	35.43	
15	35.26	36.01	35.35	35.51	35.23	35.29	37.59	34.69	35.21	35.07	35.29	35.40	
16	35.03	36.30	35.45	35.48	35.40	35.21	38.14	34.67	35.45	35.25	35.33	35.40	
17	35.15	36.49	35.32	35.31	35.20	35.30	38.13	34.69	35.26	35.20	35.35	35.29	
18	34.98	36.41	35.30	35.40	35.21	35.22	38.14	34.67	35.17	35.32	35.28	35.34	
19	35.06	36.48	35.31	35.50	35.39	35.25	37.86	34.69	35.13	35.44	35.25	35.25	
20	35.13	36.37	35.48	35.53	35.55	35.48	37.24	34.72	35.14	35.28	35.29	35.28	
21	35.10	36.00	35.76	35.66	35.30	35.83	36.82	34.65	35.18	35.30	35.36	35.32	
22	35.27	35.65	35.83	35.70	35.10	36.49	36.37	34.78	35.24	35.12	35.30	35.30	
23	35.16	35.56	35.80	35.61	35.02	37.08	36.05	34.73	35.40	35.18	35.31	35.31	
24	34.95	35.30	35.64	35.42	35.22	36.72	35.76	34.85	35.52	35.42	35.34	35.27	
25	34.98	35.15	35.58	35.64	35.27	36.47	35.53	35.00	35.38	35.26	35.24	35.24	
26	35.05	34.99	35.32	35.60	35.14	35.98	35.38	35.16	35.28	35.32	35.23	35.26	
27	35.02	34.91	35.34	35.64	35.12	35.64	35.25	35.23	35.28	35.31	35.27	35.30	
28	34.98	34.84	35.67	35.62	35.10	35.43	35.09	35.09	35.50	35.34	35.22	35.29	
29	35.02	34.80	35.60	35.71	35.15	35.36	34.99	35.16	35.41	35.15	35.14	35.30	
30	34.97	34.82	35.65	35.68	35.10	35.33	34.87	34.83	35.45	35.38	35.29	35.29	
31		34.88		35.48	35.11		34.81		35.40	35.37		35.39	
Mean	35.08	35.56	35.36	35.57	35.20	35.68	35.95	34.81	35.14	35.28	35.29	35.25	
Max	35.27	36.49	35.83	35.78	35.55	37.08	38.14	35.23	35.52	35.49	35.40	35.43	38.14
Min	34.95	34.80	34.88	35.31	35.00	35.21	34.81	34.61	34.74	35.03	35.14	35.07	34.61
Annual Max Momentary Gage Height	38.16		m. (MSL.) ,				at 23.00 Hours ,						on Oct 16, 2007
Zero Gage at Bottom Elevation	32.00		m. (MSL.) ,			River Bed	30.57		m. (MSL.)				
Left Bank Elevation		38.17		m. (MSL.) ,									
Right Bank Elevation		38.08		m. (MSL.) ,		Drainage Are	45,297		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	302.60	186.80	173.20	561.00	341.30	324.10	306.90	159.60	140.20	274.00	341.30	315.50		
2	302.60	290.00	218.00	541.00	358.50	380.00	358.50	163.00	134.40	349.90	367.10	274.00		
3	200.40	286.00	210.60	483.40	298.30	450.50	324.10	152.80	131.50	286.00	341.30	278.00		
4	258.00	302.60	218.00	474.00	315.50	571.00	311.20	166.40	128.60	258.00	354.20	242.00		
5	274.00	349.90	197.00	389.40	282.00	546.00	332.70	152.80	131.50	226.00	298.30	282.00		
6	286.00	362.80	234.00	362.80	246.00	531.00	302.60	131.50	156.20	298.30	367.10	258.00		
7	238.00	469.30	311.20	427.00	214.00	561.00	311.20	108.30	169.80	380.00	345.60	258.00		
8	294.00	427.00	328.40	521.00	266.00	601.00	362.80	143.10	210.60	384.70	306.90	302.60		
9	207.20	478.70	298.30	474.00	234.00	631.00	441.10	149.40	234.00	394.10	380.00	262.00		
10	207.20	551.00	341.30	427.00	258.00	521.00	394.10	137.30	250.00	375.70	324.10	290.00		
11	222.00	596.00	403.50	526.00	282.00	384.70	362.80	137.30	254.00	422.30	311.20	250.00		
12	214.00	601.00	417.60	511.60	315.50	384.70	459.90	128.60	190.20	358.50	328.40	262.00		
13	254.00	646.00	345.60	469.30	306.90	358.50	646.00	122.80	246.00	408.20	315.50	362.80		
14	258.00	773.60	354.20	436.40	270.00	384.70	897.90	90.90	302.60	282.00	341.30	394.10		
15	319.80	676.40	358.50	431.70	306.90	332.70	1627.40	114.10	298.30	242.00	332.70	380.00		
16	226.00	833.00	403.50	417.60	380.00	298.30	2002.40	108.30	403.50	315.50	349.90	380.00		
17	274.00	945.10	345.60	341.30	294.00	337.00	1995.30	114.10	319.80	294.00	358.50	332.70		
18	207.20	897.90	337.00	380.00	298.30	302.60	2002.40	108.30	282.00	345.60	328.40	354.20		
19	238.00	939.20	341.30	427.00	375.70	315.50	1805.60	114.10	266.00	398.80	315.50	315.50		
20	266.00	874.30	417.60	441.10	450.50	417.60	1401.20	122.80	270.00	328.40	332.70	328.40		
21	254.00	671.00	551.00	502.20	337.00	586.00	1139.80	102.50	286.00	337.00	362.80	345.60		
22	324.10	497.50	586.00	521.00	254.00	945.10	874.30	140.20	311.20	262.00	337.00	337.00		
23	278.00	455.20	571.00	478.70	222.00	1300.40	698.00	125.70	380.00	286.00	341.30	341.30		
24	197.00	337.00	492.80	389.40	302.60	1080.80	551.00	163.00	436.40	389.40	354.20	324.10		
25	207.20	274.00	464.60	492.80	324.10	933.30	441.10	214.00	371.40	319.80	311.20	311.20		
26	234.00	210.60	345.60	474.00	270.00	661.00	371.40	278.00	328.40	345.60	306.90	319.80		
27	222.00	183.40	354.20	492.80	262.00	492.80	315.50	306.90	328.40	341.30	324.10	337.00		
28	207.20	159.60	506.90	483.40	254.00	394.10	250.00	250.00	427.00	354.20	302.60	332.70		
29	222.00	146.00	474.00	526.00	274.00	362.80	210.60	278.00	384.70	274.00	270.00	337.00		
30	203.80	152.80	497.50	511.60	254.00	349.90	169.80	156.20	403.50	371.40		332.70		
31		173.20		417.60	258.00		149.40		380.00	367.10		375.70		
Total	7398.30	14746.90	11098.00	14332.10	9105.10	15739.10	21817.00	4640.00	8556.20	10269.80	9650.10	9815.90	137168.50	CMSDAY
Mean	246.61	475.71	369.93	462.33	293.71	524.64	703.77	154.67	276.01	331.28	332.76	316.64	374.78	CMS
Max	324.10	945.10	586.00	561.00	450.50	1300.40	2002.40	306.90	436.40	422.30	380.00	394.10	2002.40	CMS
Min	197.00	146.00	173.20	341.30	214.00	298.30	149.40	90.90	128.60	226.00	270.00	242.00	90.90	CMS
Runoff	639.21	1274.13	958.87	1238.29	786.68	1359.86	1884.99	400.90	739.26	887.31	833.77	848.09	11851.36	MCM
Momentary Peak		2016.60	CMS.	at 38.16 m. (MSL.)			at 23.00 Hours							on Oct 16, 2007
Runoff Yield		8.30	Liters/Second/Square KM.				Momentary Peak Yield	44.52	Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

Ping River at Ban Chiang Dao , Chiang Mai (P.20)

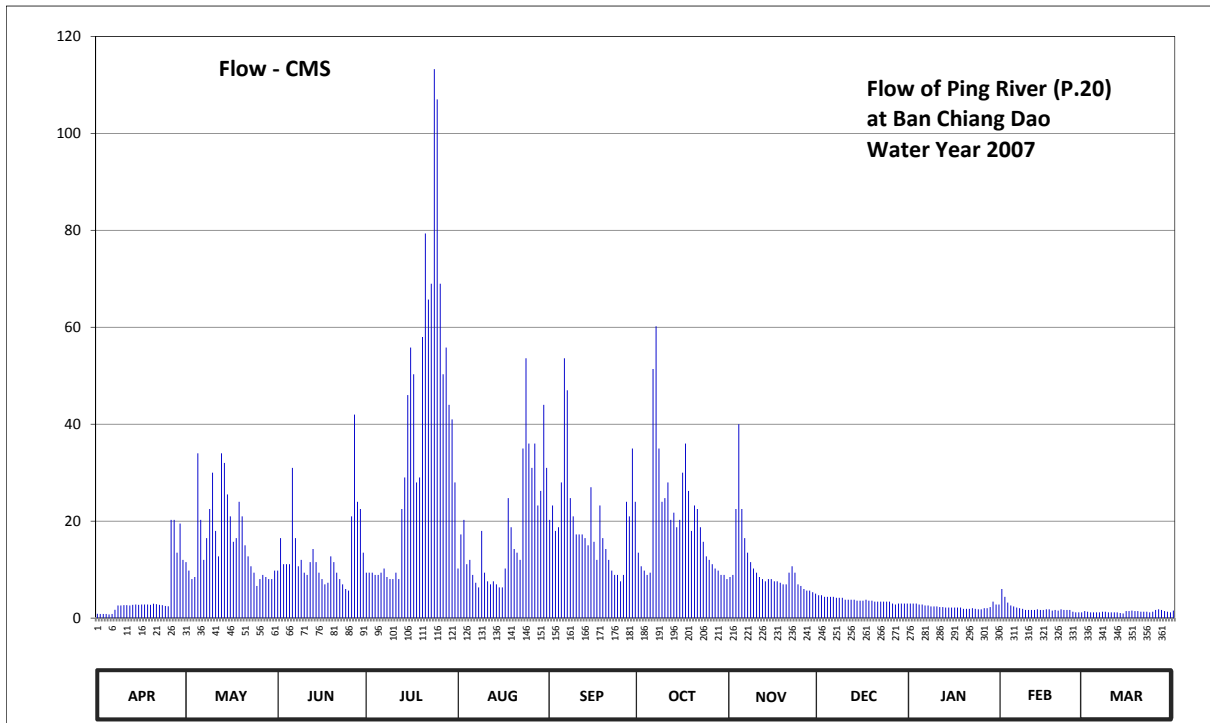
Lat 19 - 21 - 58 N Long 98 - 58 - 21 E

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	Water - stage recorder.		
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	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	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 15 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	380.02	380.39	380.35	380.34	380.36	380.51	380.42	380.32	380.21	380.13	380.25	380.02	
2	380.01	380.35	380.46	380.34	380.47	380.55	380.37	380.33	380.21	380.13	380.20	380.01	
3	380.01	380.31	380.38	380.34	380.51	380.48	380.35	380.54	380.20	380.13	380.14	380.00	
4	380.01	380.32	380.38	380.33	380.38	380.49	380.33	380.73	380.20	380.12	380.11	380.00	
5	379.99	380.67	380.38	380.33	380.40	380.61	380.34	380.54	380.20	380.12	380.10	380.00	
6	380.01	380.51	380.64	380.34	380.33	380.86	380.84	380.46	380.20	380.11	380.08	380.00	
7	380.22	380.40	380.46	380.36	380.29	380.80	380.92	380.42	380.19	380.11	380.07	380.01	
8	380.37	380.46	380.37	380.32	380.26	380.57	380.68	380.39	380.19	380.10	380.06	380.01	
9	380.37	380.54	380.40	380.31	380.48	380.52	380.56	380.36	380.19	380.10	380.04	380.00	
10	380.38	380.63	380.34	380.31	380.34	380.47	380.57	380.34	380.17	380.10	380.04	380.00	
11	380.38	380.48	380.33	380.34	380.30	380.47	380.61	380.32	380.17	380.09	380.04	380.00	
12	380.37	380.41	380.39	380.31	380.28	380.47	380.51	380.31	380.17	380.09	380.04	380.00	
13	380.39	380.67	380.43	380.54	380.30	380.46	380.53	380.30	380.17	380.08	380.05	379.98	
14	380.40	380.65	380.39	380.62	380.28	380.44	380.49	380.31	380.16	380.08	380.04	379.97	
15	380.39	380.58	380.34	380.79	380.26	380.60	380.51	380.31	380.16	380.08	380.04	380.02	
16	380.40	380.52	380.31	380.88	380.26	380.45	380.63	380.30	380.16	380.08	380.05	380.02	
17	380.40	380.45	380.28	380.83	380.36	380.40	380.69	380.30	380.17	380.08	380.05	380.03	
18	380.40	380.46	380.29	380.61	380.57	380.55	380.59	380.29	380.16	380.08	380.03	380.02	
19	380.39	380.56	380.41	380.62	380.49	380.46	380.48	380.28	380.16	380.06	380.04	380.02	
20	380.43	380.52	380.39	380.90	380.43	380.43	380.55	380.28	380.15	380.06	380.03	380.01	
21	380.41	380.44	380.34	381.09	380.42	380.40	380.54	380.34	380.15	380.06	380.05	380.01	
22	380.39	380.41	380.31	380.97	380.40	380.35	380.49	380.37	380.15	380.07	380.04	380.01	
23	380.38	380.37	380.28	381.00	380.68	380.33	380.45	380.34	380.15	380.06	380.04	380.00	
24	380.35	380.34	380.25	381.37	380.86	380.33	380.41	380.28	380.15	380.05	380.04	380.01	
25	380.34	380.27	380.24	381.32	380.69	380.30	380.40	380.27	380.15	380.05	380.01	380.04	
26	380.51	380.31	380.52	381.00	380.64	380.33	380.38	380.25	380.13	380.07	380.00	380.05	
27	380.51	380.33	380.75	380.83	380.69	380.56	380.36	380.24	380.12	380.07	380.00	380.04	
28	380.42	380.32	380.56	380.88	380.55	380.52	380.35	380.24	380.13	380.09	380.00	380.02	
29	380.50	380.31	380.54	380.77	380.59	380.68	380.33	380.23	380.13	380.15	380.01	380.01	
30	380.40	380.31	380.42	380.74	380.77	380.56	380.33	380.22	380.13	380.12	380.00	380.00	
31		380.35		380.61	380.64		380.31		380.13	380.12		380.03	
Mean	380.32	380.44	380.40	380.66	380.46	380.50	380.49	380.34	380.16	380.09	380.06	380.01	
Max	380.51	380.67	380.75	381.37	380.86	380.86	380.92	380.73	380.21	380.15	380.25	380.05	381.37
Min	379.99	380.27	380.24	380.31	380.26	380.30	380.31	380.22	380.12	380.05	380.00	379.97	379.97
Annual Max Momentary Gage Height	381.74		m. (MSL.) ,				at 18.00 Hours ,						on Jul 24, 2007
Zero Gage at Bottom Elevation	379.90		m. (MSL.) ,			River Bed	378.64		m. (MSL.)				
Left Bank Elevation		385.56		m. (MSL.) ,									
Right Bank Elevation		386.69		m. (MSL.) ,		Drainage Are	1,345		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.88	11.56	9.80	9.36	10.24	20.25	13.50	8.48	4.72	3.00	6.00	1.44	
2	0.84	9.80	16.50	9.36	17.25	23.25	10.68	8.92	4.72	3.00	4.40	1.32	
3	0.84	8.04	11.12	9.36	20.25	18.00	9.80	22.50	4.40	3.00	3.20	1.20	
4	0.84	8.48	11.12	8.92	11.12	18.75	8.92	40.00	4.40	2.80	2.60	1.20	
5	0.76	34.00	11.12	8.92	12.00	28.00	9.36	22.50	4.40	2.80	2.40	1.20	
6	0.84	20.25	31.00	9.36	8.92	53.60	51.40	16.50	4.40	2.60	2.16	1.20	
7	1.72	12.00	16.50	10.24	7.28	47.00	60.20	13.50	4.20	2.60	2.04	1.32	
8	2.62	16.50	10.68	8.48	6.32	24.75	35.00	11.56	4.20	2.40	1.92	1.32	
9	2.62	22.50	12.00	8.04	18.00	21.00	24.00	10.24	4.20	2.40	1.68	1.20	
10	2.68	30.00	9.36	8.04	9.36	17.25	24.75	9.36	3.80	2.40	1.68	1.20	
11	2.68	18.00	8.92	9.36	7.60	17.25	28.00	8.48	3.80	2.28	1.68	1.20	
12	2.62	12.75	11.56	8.04	6.96	17.25	20.25	8.04	3.80	2.28	1.68	1.20	
13	2.74	34.00	14.25	22.50	7.60	16.50	21.75	7.60	3.80	2.16	1.80	1.04	
14	2.80	32.00	11.56	29.00	6.96	15.00	18.75	8.04	3.60	2.16	1.68	0.96	
15	2.74	25.50	9.36	46.00	6.32	27.00	20.25	8.04	3.60	2.16	1.68	1.44	
16	2.80	21.00	8.04	55.80	6.32	15.75	30.00	7.60	3.60	2.16	1.80	1.44	
17	2.80	15.75	6.96	50.30	10.24	12.00	36.00	7.60	3.80	2.16	1.80	1.56	
18	2.80	16.50	7.28	28.00	24.75	23.25	26.25	7.28	3.60	2.16	1.56	1.44	
19	2.74	24.00	12.75	29.00	18.75	16.50	18.00	6.96	3.60	1.92	1.68	1.44	
20	2.98	21.00	11.56	58.00	14.25	14.25	23.25	6.96	3.40	1.92	1.56	1.32	
21	2.86	15.00	9.36	79.35	13.50	12.00	22.50	9.36	3.40	1.92	1.80	1.32	
22	2.74	12.75	8.04	65.70	12.00	9.80	18.75	10.68	3.40	2.04	1.68	1.32	
23	2.68	10.68	6.96	69.00	35.00	8.92	15.75	9.36	3.40	1.92	1.68	1.20	
24	2.50	9.36	6.00	113.25	53.60	8.92	12.75	6.96	3.40	1.80	1.68	1.32	
25	2.44	6.64	5.68	107.00	36.00	7.60	12.00	6.64	3.40	1.80	1.32	1.68	
26	20.25	8.04	21.00	69.00	31.00	8.92	11.12	6.00	3.00	2.04	1.20	1.80	
27	20.25	8.92	42.00	50.30	36.00	24.00	10.24	5.68	2.80	2.04	1.20	1.68	
28	13.50	8.48	24.00	55.80	23.25	21.00	9.80	5.68	3.00	2.28	1.20	1.44	
29	19.50	8.04	22.50	44.00	26.25	35.00	8.92	5.36	3.00	3.40	1.32	1.32	
30	12.00	8.04	13.50	41.00	44.00	24.00	8.92	5.04	3.00	2.80		1.20	
31		9.80		28.00	31.00		8.04		3.00	2.80		1.56	
Total	141.06	499.38	400.48	1148.48	572.09	606.76	628.90	310.92	114.84	73.20	58.08	41.48	4595.67 CMSDAY
Mean	4.70	16.11	13.35	37.05	18.45	20.23	20.29	10.36	3.70	2.36	2.00	1.34	12.56 CMS
Max	20.25	34.00	42.00	113.25	53.60	53.60	60.20	40.00	4.72	3.40	6.00	1.80	113.25 CMS
Min	0.76	6.64	5.68	8.04	6.32	7.60	8.04	5.04	2.80	1.80	1.20	0.96	0.76 CMS
Runoff	12.19	43.15	34.60	99.23	49.43	52.42	54.34	26.86	9.92	6.32	5.02	3.58	397.07 MCM
Momentary Peak	163.60 CMS. at 381.74 m. (MSL) at 18.00 Hours , on Jul 24, 2007												
Runoff Yield	9.36	Liters/Second/Square KM.		Momentary Peak Yield		121.64	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Rim at Ban Mae Rim Tai , Chiang Mai (P.21)

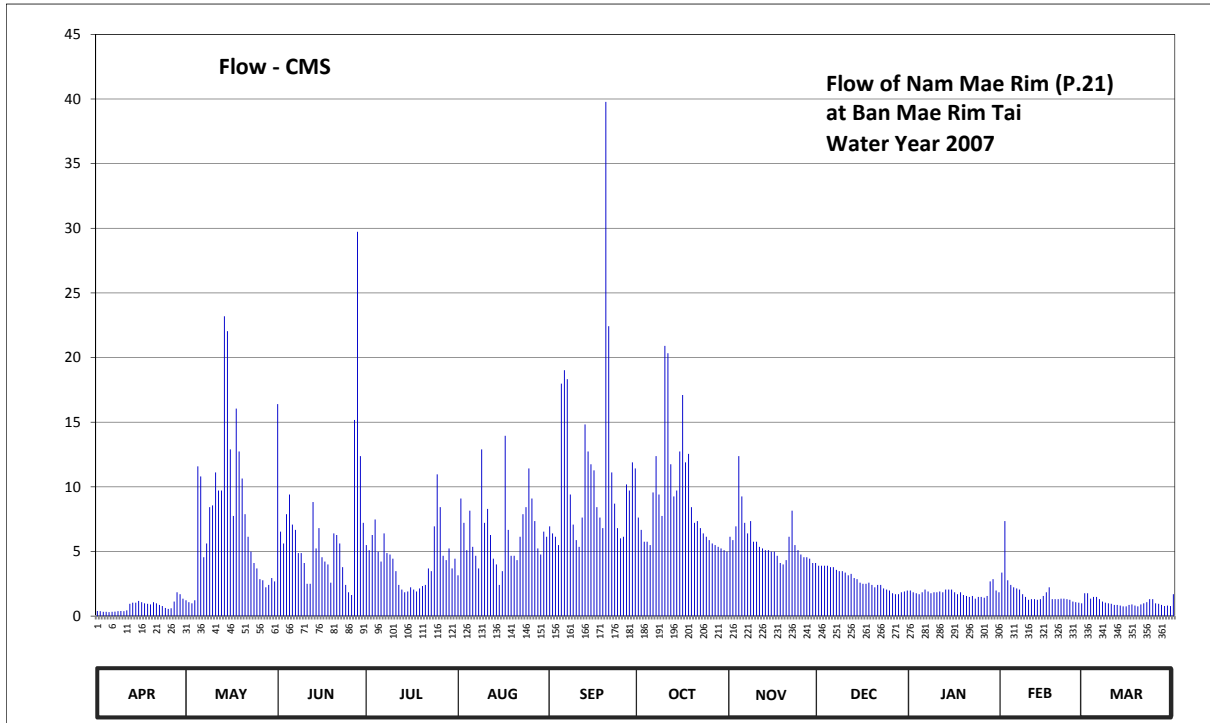
Lat 18 - 55 - 45 N Long 98 - 56 - 40 E

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	Water - stage recorder.		
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	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	1954 - 1960 , 1977 to date		
Rated by Flot	-		
Rated by Current Meter	1954 - 1960 , 1977 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 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	320.22	320.47	321.64	320.93	320.72	321.04	321.09	320.98	320.79	320.59	320.74	320.56	
2	320.21	320.44	321.01	320.90	321.20	321.00	321.02	320.96	320.79	320.57	321.07	320.56	
3	320.19	320.42	320.94	320.99	321.06	320.98	320.95	321.04	320.79	320.56	320.68	320.50	
4	320.19	320.47	321.11	321.08	320.90	320.93	320.95	321.41	320.79	320.55	320.64	320.52	
5	320.18	321.36	321.22	320.89	321.13	321.73	320.93	321.21	320.78	320.57	320.62	320.52	
6	320.19	321.31	321.05	320.82	320.92	321.79	321.23	321.06	320.78	320.60	320.61	320.49	
7	320.20	320.85	321.02	321.00	320.86	321.75	321.41	321.00	320.76	320.58	320.60	320.45	
8	320.21	320.94	320.88	320.88	320.77	321.22	321.22	321.07	320.75	320.56	320.55	320.43	
9	320.22	321.15	320.88	320.87	321.44	321.05	321.10	320.95	320.75	320.57	320.52	320.42	
10	320.21	321.16	320.81	320.84	321.06	320.96	321.89	320.95	320.74	320.57	320.48	320.41	
11	320.24	321.33	320.65	320.75	321.14	320.92	321.86	320.92	320.72	320.58	320.49	320.39	
12	320.41	321.24	320.65	320.64	320.99	321.09	321.37	320.91	320.73	320.57	320.49	320.39	
13	320.43	321.24	321.18	320.60	320.84	321.55	321.21	320.90	320.70	320.60	320.48	320.37	
14	320.43	322.01	320.91	320.57	320.80	321.43	321.24	320.90	320.69	320.60	320.49	320.35	
15	320.46	321.95	321.03	320.58	320.64	321.37	321.43	320.89	320.66	320.60	320.53	320.35	
16	320.44	321.44	320.85	320.62	320.75	321.34	321.68	320.89	320.65	320.57	320.57	320.39	
17	320.42	321.10	320.82	320.60	321.50	321.15	321.38	320.86	320.65	320.55	320.62	320.40	
18	320.41	321.62	320.80	320.58	321.02	321.09	321.42	320.81	320.66	320.57	320.49	320.37	
19	320.40	321.43	320.66	320.61	320.86	321.03	321.15	320.80	320.64	320.54	320.49	320.35	
20	320.44	321.30	321.00	320.63	320.86	322.79	321.06	320.83	320.62	320.53	320.49	320.40	
21	320.42	321.11	320.99	320.64	320.83	321.97	321.07	320.98	320.64	320.52	320.50	320.42	
22	320.39	320.98	320.94	320.77	320.98	321.33	321.03	321.13	320.64	320.53	320.50	320.44	
23	320.36	320.89	320.78	320.75	321.11	321.17	321.00	320.93	320.61	320.50	320.49	320.49	
24	320.31	320.81	320.64	321.04	321.15	321.03	320.98	320.90	320.60	320.52	320.48	320.49	
25	320.28	320.77	320.57	321.32	321.35	320.97	320.96	320.87	320.59	320.52	320.45	320.42	
26	320.30	320.69	320.54	321.15	321.20	320.98	320.94	320.85	320.56	320.51	320.44	320.41	
27	320.45	320.68	321.57	320.86	321.07	321.27	320.93	320.85	320.55	320.53	320.43	320.39	
28	320.57	320.62	322.33	320.83	320.91	321.24	320.92	320.84	320.55	320.67	320.42	320.36	
29	320.55	320.64	321.41	320.91	320.87	321.38	320.91	320.81	320.57	320.69	320.42	320.37	
30	320.50	320.70	321.06	320.77	321.01	321.35	320.90	320.81	320.58	320.59	320.59	320.36	
31		320.67		320.84	320.98		320.89		320.59	320.57		320.55	
Mean	320.34	321.03	321.00	320.81	321.00	321.30	321.17	320.94	320.67	320.57	320.54	320.43	
Max	320.57	322.01	322.33	321.32	321.50	322.79	321.89	321.41	320.79	320.69	321.07	320.56	322.79
Min	320.18	320.42	320.54	320.57	320.64	320.92	320.89	320.80	320.55	320.50	320.42	320.35	320.18
Annual Max Momentary Gage Height	322.96		m. (MSL.) ,			at 12.00 Hours ,	on Sep 20, 2007						
Zero Gage at Bottom Elevation	319.70		m. (MSL.) ,			River Bed	319.74	m. (MSL.)					
Left Bank Elevation		325.15		m. (MSL.) ,									
Right Bank Elevation		325.15		m. (MSL.) ,		Drainage Are	452	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.40	1.22	16.40	5.49	3.16	6.94	7.62	6.14	3.90	1.98	3.37	1.77		
2	0.38	1.08	6.54	5.10	9.10	6.40	6.67	5.88	3.90	1.84	7.35	1.77		
3	0.33	0.99	5.62	6.27	7.21	6.14	5.75	6.94	3.90	1.77	2.77	1.35		
4	0.33	1.22	7.89	7.48	5.10	5.49	5.75	12.38	3.90	1.70	2.41	1.49		
5	0.31	11.58	9.41	4.99	8.16	17.98	5.49	9.26	3.79	1.84	2.23	1.49		
6	0.33	10.81	7.08	4.22	5.36	19.03	9.57	7.21	3.79	2.05	2.14	1.31		
7	0.35	4.55	6.67	6.40	4.66	18.33	12.38	6.40	3.58	1.91	2.05	1.13		
8	0.38	5.62	4.88	4.88	3.69	9.41	9.41	7.35	3.48	1.77	1.70	1.04		
9	0.40	8.43	4.88	4.77	12.90	7.08	7.75	5.75	3.48	1.84	1.49	0.99		
10	0.38	8.56	4.11	4.44	7.21	5.88	20.91	5.75	3.37	1.84	1.26	0.95		
11	0.45	11.12	2.50	3.48	8.29	5.36	20.34	5.36	3.16	1.91	1.31	0.87		
12	0.95	9.72	2.50	2.41	6.27	7.62	11.74	5.23	3.27	1.84	1.31	0.87		
13	1.04	9.72	8.83	2.05	4.44	14.83	9.26	5.10	2.95	2.05	1.26	0.81		
14	1.04	23.20	5.23	1.84	4.00	12.73	9.72	5.10	2.86	2.05	1.31	0.75		
15	1.17	22.05	6.81	1.91	2.41	11.74	12.73	4.99	2.59	2.05	1.56	0.75		
16	1.08	12.90	4.55	2.23	3.48	11.27	17.10	4.99	2.50	1.84	1.84	0.87		
17	0.99	7.75	4.22	2.05	13.95	8.43	11.89	4.66	2.50	1.70	2.23	0.90		
18	0.95	16.05	4.00	1.91	6.67	7.62	12.55	4.11	2.59	1.84	1.31	0.81		
19	0.90	12.73	2.59	2.14	4.66	6.81	8.43	4.00	2.41	1.63	1.31	0.75		
20	1.08	10.65	6.40	2.32	4.66	39.78	7.21	4.33	2.23	1.56	1.31	0.90		
21	0.99	7.89	6.27	2.41	4.33	22.43	7.35	6.14	2.41	1.49	1.35	0.99		
22	0.87	6.14	5.62	3.69	6.14	11.12	6.81	8.16	2.41	1.56	1.35	1.08		
23	0.78	4.99	3.79	3.48	7.89	8.70	6.40	5.49	2.14	1.35	1.31	1.31		
24	0.63	4.11	2.41	6.94	8.43	6.81	6.14	5.10	2.05	1.49	1.26	1.31		
25	0.55	3.69	1.84	10.96	11.43	6.01	5.88	4.77	1.98	1.49	1.13	0.99		
26	0.60	2.86	1.63	8.43	9.10	6.14	5.62	4.55	1.77	1.42	1.08	0.95		
27	1.13	2.77	15.18	4.66	7.35	10.19	5.49	4.55	1.70	1.56	1.04	0.87		
28	1.84	2.23	29.73	4.33	5.23	9.72	5.36	4.44	1.70	2.68	0.99	0.78		
29	1.70	2.41	12.38	5.23	4.77	11.89	5.23	4.11	1.84	2.86	0.99	0.81		
30	1.35	2.95	7.21	3.69	6.54	11.43	5.10	4.11	1.91	1.98		0.78		
31		2.68		4.44	6.14		4.99		1.98	1.84		1.70		
Total	23.68	232.67	207.17	134.64	202.73	333.31	276.64	172.35	86.04	56.73	52.02	33.14	1811.12	CMSDAY
Mean	0.79	7.51	6.91	4.34	6.54	11.11	8.92	5.75	2.78	1.83	1.79	1.07	4.95	CMS
Max	1.84	23.20	29.73	10.96	13.95	39.78	20.91	12.38	3.90	2.86	7.35	1.77	39.78	CMS
Min	0.31	0.99	1.63	1.84	2.41	5.36	4.99	4.00	1.70	1.35	0.99	0.75	0.31	CMS
Runoff	2.05	20.10	17.90	11.63	17.52	28.80	23.90	14.89	7.43	4.90	4.49	2.86	156.48	MCM
Momentary Peak	43.60 CMS. at 322.96 m. (MSL.) at 12.00 Hours , on Sep 20, 2007													
Runoff Yield	10.98 Liters/Second/Square KM.			Momentary Peak Yield			96.46 Liters/Second/Square KM.							

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Klang at Pracha Uthit Bridge , Chiang Mai (P.24A)

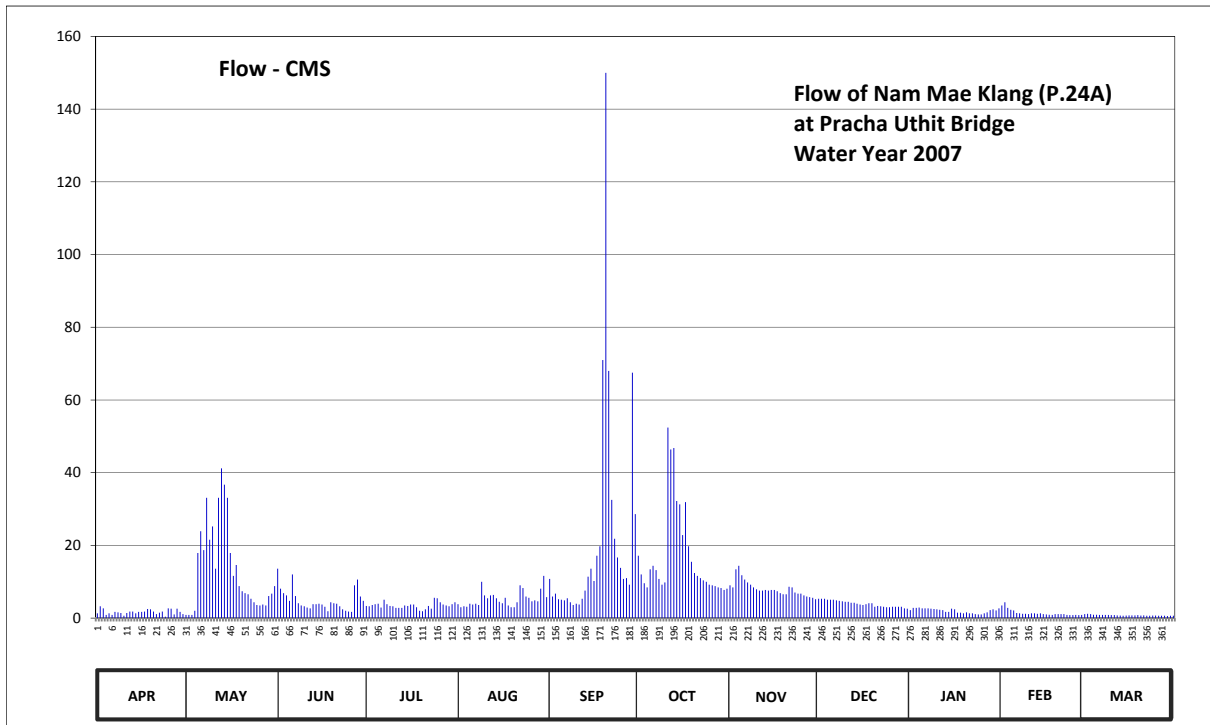
Lat 18 - 25 - 02 N Long 98 - 40 - 29 E

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	Staff gage.				
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	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 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 25 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	275.73	275.68	276.53	275.93	275.97	276.39	276.69	276.30	276.08	275.82	275.94	275.71	
2	275.92	275.68	276.25	275.92	275.90	276.12	276.45	276.27	276.08	275.88	276.01	275.72	
3	275.87	275.68	276.18	275.95	275.92	276.17	276.33	276.52	276.08	275.88	275.88	275.71	
4	275.68	275.80	276.14	275.97	275.91	276.07	276.27	276.57	276.06	275.89	275.83	275.69	
5	275.73	276.72	276.04	275.98	275.98	276.06	276.52	276.44	276.06	275.87	275.81	275.69	
6	275.68	276.95	276.45	275.89	275.96	276.05	276.57	276.38	276.06	275.87	275.74	275.68	
7	275.77	276.75	276.13	276.06	275.98	276.09	276.51	276.34	276.05	275.87	275.73	275.68	
8	275.76	277.27	275.99	275.97	275.95	276.01	276.39	276.31	276.04	275.86	275.72	275.68	
9	275.74	276.86	275.94	275.93	276.35	275.95	276.31	276.27	276.03	275.85	275.72	275.68	
10	275.64	277.00	275.92	275.92	276.14	275.98	276.34	276.24	276.02	275.84	275.71	275.67	
11	275.74	276.53	275.89	275.88	276.09	275.96	277.81	276.22	276.02	275.83	275.73	275.67	
12	275.78	277.27	275.87	275.88	276.14	276.08	277.66	276.22	276.00	275.82	275.73	275.66	
13	275.78	277.53	275.97	275.88	276.15	276.22	277.67	276.23	276.00	275.77	275.72	275.65	
14	275.73	277.39	275.97	275.94	276.09	276.42	277.24	276.22	275.98	275.77	275.73	275.64	
15	275.77	277.27	275.98	275.93	276.02	276.53	277.21	276.23	275.96	275.86	275.71	275.65	
16	275.77	276.72	275.96	275.96	275.99	276.36	276.91	276.23	275.95	275.84	275.70	275.66	
17	275.78	276.43	275.91	275.96	276.10	276.69	277.23	276.21	275.97	275.75	275.69	275.66	
18	275.85	276.58	275.79	275.90	275.94	276.79	276.79	276.18	275.99	275.75	275.68	275.66	
19	275.84	276.29	276.01	275.80	275.90	278.20	276.62	276.16	275.99	275.73	275.71	275.67	
20	275.78	276.21	275.99	275.79	275.90	279.00	276.47	276.16	275.91	275.76	275.71	275.65	
21	275.71	276.18	275.98	275.84	276.01	278.14	276.43	276.28	275.93	275.73	275.71	275.66	
22	275.75	276.16	275.92	275.93	276.30	277.25	276.40	276.27	275.92	275.73	275.71	275.64	
23	275.78	276.08	275.84	275.86	276.26	276.87	276.37	276.19	275.91	275.71	275.68	275.64	
24	275.59	276.01	275.80	276.10	276.12	276.67	276.35	276.17	275.90	275.70	275.67	275.65	
25	275.87	275.95	275.78	276.09	276.10	276.54	276.31	276.17	275.90	275.70	275.67	275.65	
26	275.86	275.94	275.77	276.01	276.03	276.39	276.30	276.14	275.91	275.73	275.68	275.64	
27	275.70	275.96	276.30	275.96	276.05	276.40	276.29	276.12	275.91	275.76	275.67	275.64	
28	275.86	275.94	276.38	275.94	276.03	276.31	276.27	276.11	275.91	275.82	275.68	275.64	
29	275.77	276.13	276.12	275.92	276.25	278.13	276.26	276.10	275.91	275.84	275.70	275.63	
30	275.71	276.17	276.04	275.97	276.43	277.12	276.23	276.07	275.87	275.81	275.71	275.64	
31		276.29		276.01	276.11		276.25		275.86	275.87		275.64	
Mean	275.76	276.43	276.03	275.94	276.07	276.63	276.63	276.24	275.98	275.80	275.74	275.66	
Max	275.92	277.53	276.53	276.10	276.43	279.00	277.81	276.57	276.08	275.89	276.01	275.72	279.00
Min	275.59	275.68	275.77	275.79	275.90	275.95	276.23	276.07	275.86	275.70	275.67	275.63	275.59
Annual Max Momentary Gage Height	279.90		m. (MSL.) ,				at 15.00 Hours ,	on Sep 20, 2007					
Zero Gage at Bottom Elevation	275.00		m. (MSL.) ,			River Bed	275.22	m. (MSL.)					
Left Bank Elevation		280.09		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.30	0.88	13.60	3.36	3.84	10.80	17.16	9.00	5.32	2.20	3.48	1.10	
2	3.24	0.88	8.10	3.24	3.00	5.92	12.00	8.46	5.32	2.80	4.34	1.20	
3	2.70	0.88	6.88	3.60	3.24	6.72	9.60	13.40	5.32	2.80	2.80	1.10	
4	0.88	2.00	6.24	3.84	3.12	5.18	8.46	14.40	5.04	2.90	2.30	0.94	
5	1.30	17.92	4.76	3.96	3.96	5.04	13.40	11.80	5.04	2.70	2.10	0.94	
6	0.88	23.90	12.00	2.90	3.72	4.90	14.40	10.60	5.04	2.70	1.40	0.88	
7	1.70	18.70	6.08	5.04	3.96	5.46	13.20	9.80	4.90	2.70	1.30	0.88	
8	1.60	33.10	4.08	3.84	3.60	4.34	10.80	9.20	4.76	2.60	1.20	0.88	
9	1.40	21.56	3.48	3.36	10.00	3.60	9.20	8.46	4.62	2.50	1.20	0.88	
10	0.64	25.20	3.24	3.24	6.24	3.96	9.80	7.92	4.48	2.40	1.10	0.82	
11	1.40	13.60	2.90	2.80	5.46	3.72	52.40	7.56	4.48	2.30	1.30	0.82	
12	1.80	33.10	2.70	2.80	6.24	5.32	46.40	7.56	4.20	2.20	1.30	0.76	
13	1.80	41.20	3.84	2.80	6.40	7.56	46.80	7.74	4.20	1.70	1.20	0.70	
14	1.30	36.70	3.84	3.48	5.46	11.40	32.20	7.56	3.96	1.70	1.30	0.64	
15	1.70	33.10	3.96	3.36	4.48	13.60	31.30	7.74	3.72	2.60	1.10	0.70	
16	1.70	17.92	3.72	3.72	4.08	10.20	22.86	7.74	3.60	2.40	1.00	0.76	
17	1.80	11.60	3.12	3.72	5.60	17.16	31.90	7.38	3.84	1.50	0.94	0.76	
18	2.50	14.60	1.90	3.00	3.48	19.74	19.74	6.88	4.08	1.50	0.88	0.76	
19	2.40	8.82	4.34	2.00	3.00	71.00	15.48	6.56	4.08	1.30	1.10	0.82	
20	1.80	7.38	4.08	1.90	3.00	150.00	12.40	6.56	3.12	1.60	1.10	0.70	
21	1.10	6.88	3.96	2.40	4.34	68.00	11.60	8.64	3.36	1.30	1.10	0.76	
22	1.50	6.56	3.24	3.36	9.00	32.50	11.00	8.46	3.24	1.30	1.10	0.64	
23	1.80	5.32	2.40	2.60	8.28	21.82	10.40	7.04	3.12	1.10	0.88	0.64	
24	0.38	4.34	2.00	5.60	5.92	16.68	10.00	6.72	3.00	1.00	0.82	0.70	
25	2.70	3.60	1.80	5.46	5.60	13.80	9.20	6.72	3.00	1.00	0.82	0.70	
26	2.60	3.48	1.70	4.34	4.62	10.80	9.00	6.24	3.12	1.30	0.88	0.64	
27	1.00	3.72	9.00	3.72	4.90	11.00	8.82	5.92	3.12	1.60	0.82	0.64	
28	2.60	3.48	10.60	3.48	4.62	9.20	8.46	5.76	3.12	2.20	0.88	0.64	
29	1.70	6.08	5.92	3.24	8.10	67.50	8.28	5.60	3.12	2.40	1.00	0.58	
30	1.10	6.72	4.76	3.84	11.60	28.60	7.74	5.18	2.70	2.10		0.64	
31		8.82		4.34	5.76		8.10		2.60	2.70		0.64	
Total	50.32	422.04	148.24	108.34	164.62	645.52	532.10	242.60	122.62	63.10	40.74	24.26	2564.50 CMSDAY
Mean	1.68	13.61	4.94	3.49	5.31	21.52	17.16	8.09	3.96	2.04	1.40	0.78	7.01 CMS
Max	3.24	41.20	13.60	5.60	11.60	150.00	52.40	14.40	5.32	2.90	4.34	1.20	150.00 CMS
Min	0.38	0.88	1.70	1.90	3.00	3.60	7.74	5.18	2.60	1.00	0.82	0.58	0.38 CMS
Runoff	4.35	36.46	12.81	9.36	14.22	55.77	45.97	20.96	10.59	5.45	3.52	2.10	221.57 MCM
Momentary Peak	370.00 CMS. at 279.90 m. (MSL.) at 15.00 Hours , on Sep 20, 2007												
Runoff Yield	15.54	Liters/Second/Square KM.		Momentary Peak Yield			818.58	Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

Khleng Suan Mak at Ban Mai , Kamphaeng Phet (P.26A)

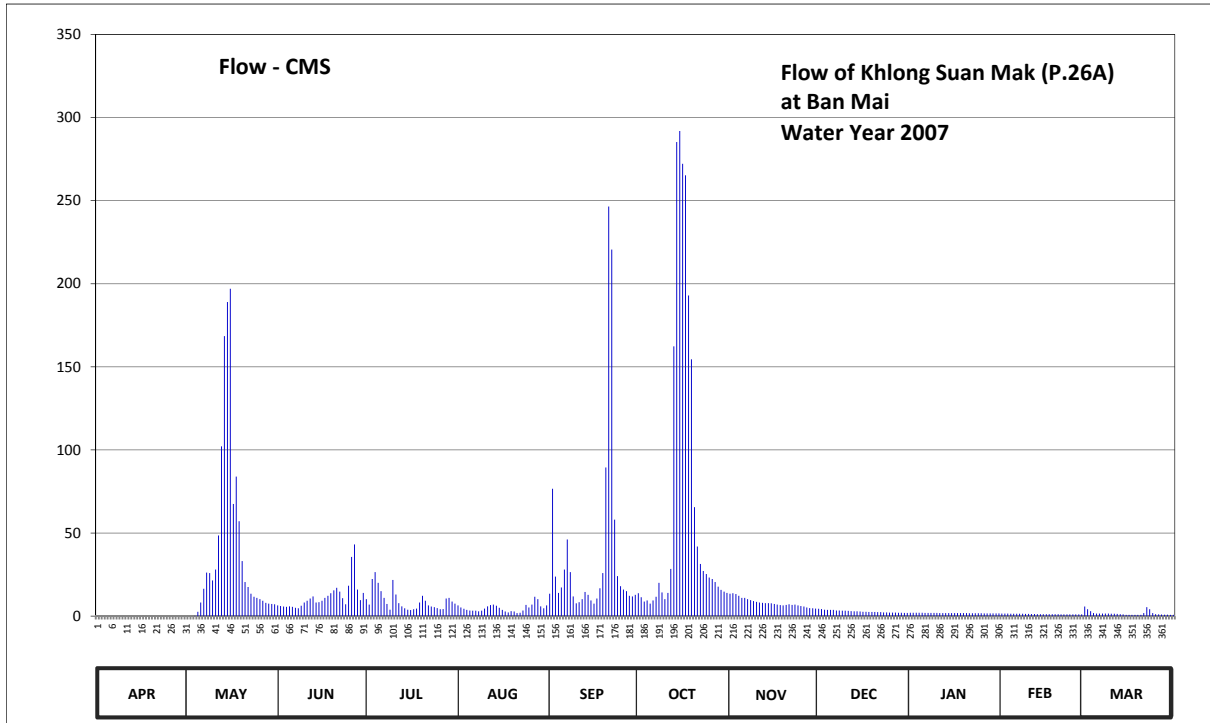
Lat 16 - 26 - 55 N Long 99 - 26 - 28 E

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	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 16 discharge measurements made in 2007.			

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	83.85	83.97	84.71	84.91	84.71	85.06	85.07	85.06	84.59	84.40	84.34	84.67	
2	83.85	83.97	84.69	84.74	84.64	86.25	84.97	85.07	84.58	84.40	84.34	84.57	
3	83.86	83.98	84.67	85.41	84.59	85.46	84.84	85.05	84.55	84.40	84.34	84.48	
4	83.86	84.09	84.66	85.55	84.54	85.08	84.87	85.01	84.54	84.40	84.33	84.37	
5	83.86	84.45	84.68	85.32	84.51	85.21	84.77	84.95	84.54	84.40	84.33	84.34	
6	83.87	84.81	84.66	85.12	84.50	85.60	84.87	84.95	84.54	84.39	84.32	84.34	
7	83.87	85.18	84.63	84.95	84.50	85.96	84.98	84.91	84.51	84.39	84.32	84.34	
8	83.87	85.54	84.61	84.76	84.47	85.55	85.32	84.88	84.51	84.39	84.32	84.34	
9	83.89	85.53	84.70	84.55	84.50	84.99	85.09	84.85	84.50	84.39	84.31	84.34	
10	83.89	85.38	84.81	85.39	84.60	84.78	84.91	84.83	84.50	84.39	84.31	84.33	
11	83.89	85.60	84.86	85.04	84.68	84.82	85.08	84.81	84.49	84.38	84.30	84.32	
12	83.91	86.00	84.93	84.79	84.72	84.91	85.61	84.80	84.48	84.38	84.30	84.31	
13	83.91	86.39	84.99	84.68	84.74	85.10	86.67	84.79	84.47	84.38	84.29	84.29	
14	83.91	86.80	84.81	84.61	84.70	85.03	88.78	84.79	84.47	84.38	84.29	84.27	
15	83.92	87.19	84.82	84.55	84.63	84.87	88.88	84.78	84.46	84.38	84.29	84.24	
16	83.92	87.33	84.86	84.53	84.54	84.77	88.57	84.76	84.45	84.37	84.28	84.24	
17	83.92	86.20	84.95	84.57	84.46	84.93	88.46	84.74	84.45	84.37	84.28	84.24	
18	83.93	86.29	85.01	84.60	84.42	85.19	87.26	84.72	84.44	84.37	84.28	84.24	
19	83.93	86.09	85.07	84.81	84.48	85.53	86.51	84.71	84.44	84.37	84.28	84.23	
20	83.93	85.72	85.14	85.01	84.46	86.32	86.18	84.73	84.44	84.37	84.28	84.23	
21	83.95	85.34	85.20	84.86	84.37	88.16	85.89	84.75	84.43	84.36	84.27	84.37	
22	83.95	85.22	85.11	84.71	84.40	87.74	85.68	84.73	84.43	84.36	84.27	84.65	
23	83.95	85.06	84.94	84.67	84.51	86.10	85.57	84.74	84.42	84.36	84.27	84.57	
24	83.96	84.98	84.75	84.65	84.73	85.47	85.51	84.71	84.42	84.36	84.27	84.37	
25	83.96	84.95	85.25	84.62	84.64	85.24	85.44	84.69	84.41	84.36	84.27	84.29	
26	83.96	84.91	85.78	84.57	84.74	85.16	85.41	84.67	84.41	84.35	84.27	84.27	
27	83.96	84.86	85.91	84.58	84.98	85.12	85.34	84.64	84.41	84.35	84.27	84.26	
28	83.97	84.80	85.16	84.93	84.91	85.01	85.23	84.62	84.40	84.35	84.27	84.25	
29	83.97	84.77	84.88	84.95	84.68	84.99	85.15	84.61	84.40	84.35	84.27	84.25	
30	83.97	84.76	85.08	84.84	84.61	85.03	85.11	84.60	84.39	84.35	84.27	84.24	
31		84.75		84.77	84.71		85.08		84.39	84.35		84.23	
Mean	83.91	85.32	84.94	84.84	84.60	85.45	85.84	84.80	84.47	84.37	84.30	84.34	
Max	83.97	87.33	85.91	85.55	84.98	88.16	88.88	85.07	84.59	84.40	84.34	84.67	88.88
Min	83.85	83.97	84.61	84.53	84.37	84.77	84.77	84.60	84.39	84.35	84.27	84.23	83.85
Annual Max Momentary Gage Height	89.12		m. (MSL.) ,				at 06.00 Hours ,	on Oct 15, 2007					
Zero Gage at Bottom Elevation	84.11		m. (MSL.) ,			River Bed	83.02	m. (MSL.)					
Left Bank Elevation		89.31		m. (MSL.) ,									
Right Bank Elevation		91.50		m. (MSL.) ,		Drainage Are	974	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	0.00	6.43	10.20	6.43	13.50	13.75	13.50	4.38	2.00	1.55	5.73		
2	0.00	0.00	6.08	6.95	5.20	76.63	11.40	13.75	4.25	2.00	1.55	4.13		
3	0.00	0.00	5.73	22.30	4.38	23.80	8.80	13.25	3.88	2.00	1.55	3.00		
4	0.00	0.23	5.55	26.50	3.75	14.00	9.40	12.25	3.75	2.00	1.48	1.78		
5	0.00	2.63	5.90	20.00	3.38	17.25	7.48	11.00	3.75	2.00	1.48	1.55		
6	0.00	8.20	5.55	15.00	3.25	28.00	9.40	11.00	3.75	1.93	1.40	1.55		
7	0.00	16.50	5.03	11.00	3.25	46.10	11.60	10.20	3.38	1.93	1.40	1.55		
8	0.00	26.20	4.68	7.30	2.88	26.50	20.00	9.60	3.38	1.93	1.40	1.55		
9	0.00	25.90	6.25	3.88	3.25	11.80	14.25	9.00	3.25	1.93	1.33	1.55		
10	0.00	21.50	8.20	21.75	4.50	7.65	10.20	8.60	3.25	1.93	1.33	1.48		
11	0.00	28.00	9.20	13.00	5.90	8.40	14.00	8.20	3.13	1.85	1.25	1.40		
12	0.00	48.50	10.60	7.83	6.60	10.20	28.43	8.00	3.00	1.85	1.25	1.33		
13	0.00	102.18	11.80	5.90	6.95	14.50	162.33	7.83	2.88	1.85	1.18	1.18		
14	0.00	168.50	8.20	4.68	6.25	12.75	285.25	7.83	2.88	1.85	1.18	1.03		
15	0.00	188.98	8.40	3.88	5.03	9.40	291.90	7.65	2.75	1.85	1.18	0.80		
16	0.00	196.98	9.20	3.63	3.75	7.48	272.13	7.30	2.63	1.78	1.10	0.80		
17	0.00	67.50	11.00	4.13	2.75	10.60	265.25	6.95	2.63	1.78	1.10	0.80		
18	0.00	83.93	12.25	4.50	2.25	16.75	192.95	6.60	2.50	1.78	1.10	0.80		
19	0.00	57.05	13.75	8.20	3.00	25.90	154.50	6.43	2.50	1.78	1.10	0.73		
20	0.00	33.10	15.50	12.25	2.75	89.40	65.60	6.78	2.50	1.78	1.10	0.73		
21	0.00	20.50	17.00	9.20	1.78	246.50	41.90	7.13	2.38	1.70	1.03	1.78		
22	0.00	17.50	14.75	6.43	2.00	220.55	31.40	6.78	2.38	1.70	1.03	5.38		
23	0.00	13.50	10.80	5.73	3.38	58.00	27.10	6.95	2.25	1.70	1.03	4.13		
24	0.00	11.60	7.13	5.38	6.78	24.10	25.30	6.43	2.25	1.70	1.03	1.78		
25	0.00	11.00	18.25	4.85	5.20	18.00	23.20	6.08	2.13	1.70	1.03	1.18		
26	0.00	10.20	35.65	4.13	6.95	16.00	22.30	5.73	2.13	1.63	1.03	1.03		
27	0.00	9.20	43.10	4.25	11.60	15.00	20.50	5.20	2.13	1.63	1.03	0.95		
28	0.00	8.00	16.00	10.60	10.20	12.25	17.75	4.85	2.00	1.63	1.03	0.88		
29	0.00	7.48	9.60	11.00	5.90	11.80	15.75	4.68	2.00	1.63	1.03	0.88		
30	0.00	7.30	14.00	8.80	4.68	12.75	14.75	4.50	1.93	1.63	1.03	0.80		
31	0.00	7.13	7.48	6.43	6.43	6.43	14.00	1.93	1.63	1.63	1.03	0.73		
Total	0.00	1199.29	355.58	290.73	150.40	1105.56	2102.57	244.05	87.93	56.08	35.28	52.99	5680.46	CMSDAY
Mean	0.00	38.69	11.85	9.38	4.85	36.85	67.82	8.13	2.84	1.81	1.22	1.71	15.52	CMS
Max	0.00	196.98	43.10	26.50	11.60	246.50	291.90	13.75	4.38	2.00	1.55	5.73	291.90	CMS
Min	0.00	0.00	4.68	3.63	1.78	7.48	7.48	4.50	1.93	1.63	1.03	0.73	0.00	CMS
Runoff	0.00	103.62	30.72	25.12	12.99	95.52	181.66	21.09	7.60	4.85	3.05	4.58	490.79	MCM
Momentary Peak		308.10	CMS. at 89.12 m. (MSL.)											
Runoff Yield		15.98	Liters/Second/Square KM.				316.32	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Khlong Suan Mak at Ban Pong Nam Ron , Kamphaeng Phet (P.47)

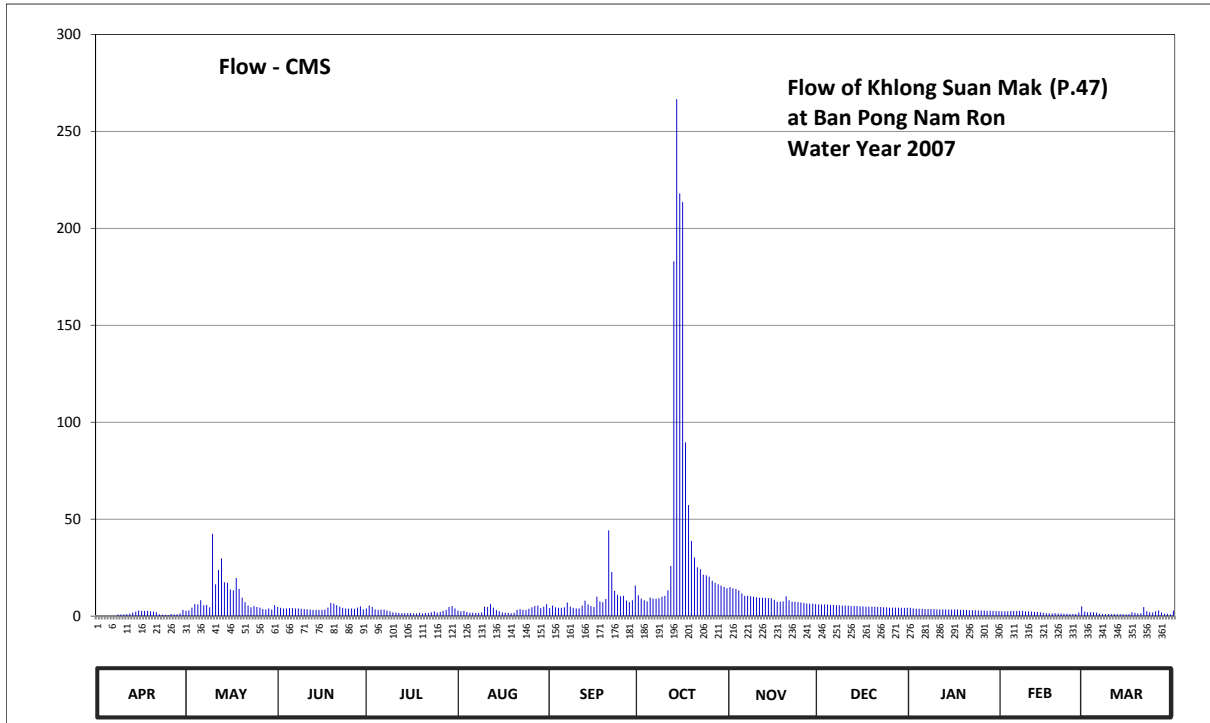
Lat 16 - 20 - 04 N Long 99 - 26 - 16 E

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	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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 20 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	143.80	144.25	144.38	144.33	144.26	144.34	144.67	144.83	144.45	144.35	144.23	144.22	
2	143.77	144.26	144.35	144.42	144.23	144.42	144.60	144.81	144.45	144.33	144.23	144.20	
3	143.72	144.36	144.33	144.38	144.25	144.37	144.56	144.80	144.45	144.32	144.23	144.20	
4	143.71	144.46	144.33	144.30	144.21	144.35	144.53	144.77	144.45	144.32	144.24	144.20	
5	143.69	144.45	144.34	144.28	144.16	144.35	144.62	144.71	144.44	144.32	144.24	144.18	
6	143.74	144.56	144.34	144.29	144.16	144.37	144.60	144.66	144.44	144.31	144.24	144.10	
7	143.93	144.43	144.33	144.29	144.15	144.50	144.60	144.66	144.43	144.31	144.25	144.09	
8	144.04	144.44	144.33	144.26	144.15	144.39	144.61	144.65	144.43	144.31	144.25	144.08	
9	144.04	144.37	144.32	144.23	144.19	144.35	144.64	144.64	144.42	144.31	144.23	144.07	
10	144.05	145.49	144.31	144.19	144.39	144.33	144.66	144.63	144.42	144.30	144.23	144.07	
11	144.06	144.87	144.30	144.17	144.38	144.33	144.77	144.62	144.42	144.30	144.22	144.07	
12	144.10	145.08	144.29	144.15	144.46	144.42	145.14	144.62	144.41	144.30	144.21	144.06	
13	144.17	145.24	144.28	144.13	144.36	144.55	146.68	144.62	144.41	144.30	144.21	144.06	
14	144.22	144.90	144.28	144.13	144.27	144.45	147.06	144.61	144.41	144.29	144.20	144.06	
15	144.26	144.89	144.28	144.14	144.23	144.41	146.85	144.61	144.40	144.29	144.16	144.05	
16	144.25	144.79	144.28	144.14	144.19	144.38	146.83	144.57	144.40	144.29	144.13	144.06	
17	144.25	144.77	144.29	144.12	144.16	144.64	146.06	144.52	144.39	144.29	144.12	144.20	
18	144.25	144.96	144.36	144.12	144.15	144.53	145.71	144.52	144.39	144.28	144.12	144.16	
19	144.23	144.80	144.49	144.16	144.13	144.51	145.43	144.53	144.39	144.28	144.13	144.12	
20	144.22	144.62	144.47	144.12	144.16	144.59	145.25	144.65	144.39	144.28	144.12	144.12	
21	144.20	144.51	144.43	144.15	144.28	145.52	145.12	144.56	144.38	144.27	144.11	144.38	
22	144.05	144.42	144.39	144.14	144.31	145.05	145.09	144.52	144.38	144.27	144.10	144.23	
23	144.03	144.37	144.35	144.20	144.28	144.76	145.01	144.52	144.37	144.27	144.10	144.20	
24	144.02	144.41	144.33	144.23	144.28	144.68	145.00	144.51	144.37	144.26	144.09	144.19	
25	144.01	144.38	144.32	144.17	144.32	144.65	144.98	144.50	144.36	144.26	144.09	144.23	
26	144.07	144.36	144.33	144.21	144.37	144.66	144.92	144.49	144.36	144.26	144.09	144.26	
27	144.05	144.31	144.32	144.25	144.41	144.55	144.89	144.47	144.36	144.25	144.17	144.19	
28	144.05	144.30	144.36	144.28	144.42	144.51	144.87	144.47	144.36	144.25	144.40	144.10	
29	144.11	144.33	144.40	144.38	144.34	144.56	144.85	144.47	144.35	144.25	144.25	144.10	
30	144.28	144.29	144.30	144.41	144.39	144.85	144.83	144.46	144.35	144.24	144.05	144.05	
31		144.43		144.33	144.46		144.81		144.35	144.24	144.26		
Mean	144.05	144.58	144.34	144.23	144.27	144.55	145.17	144.60	144.40	144.29	144.19	144.15	
Max	144.28	145.49	144.49	144.42	144.46	145.52	147.06	144.83	144.45	144.35	144.40	144.38	147.06
Min	143.69	144.25	144.28	144.12	144.13	144.33	144.53	144.46	144.35	144.24	144.09	144.05	143.69
Annual Max Momentary Gage Height	147.52		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	143.77		m. (MSL.) ,			River Bed	143.79		m. (MSL.)				
Left Bank Elevation		147.12		m. (MSL.) ,									
Right Bank Elevation		149.53		m. (MSL.) ,		Drainage Are	529		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	2.75	4.70	3.95	2.90	4.10	10.75	15.05	6.00	4.25	2.45	2.30	
2	0.00	2.90	4.25	5.40	2.45	5.40	9.00	14.35	6.00	3.95	2.45	2.00	
3	0.00	4.40	3.95	4.70	2.75	4.55	8.20	14.00	6.00	3.80	2.45	2.00	
4	0.00	6.20	3.95	3.50	2.15	4.25	7.60	13.25	6.00	3.80	2.60	2.00	
5	0.00	6.00	4.10	3.20	1.70	4.25	9.50	11.75	5.80	3.80	2.60	1.85	
6	0.00	8.20	4.10	3.35	1.70	4.55	9.00	10.50	5.80	3.65	2.60	1.25	
7	0.15	5.60	3.95	3.35	1.63	7.00	9.00	10.50	5.60	3.65	2.75	1.18	
8	0.80	5.80	3.95	2.90	1.63	4.85	9.25	10.25	5.60	3.65	2.75	1.10	
9	0.80	4.55	3.80	2.45	1.93	4.25	10.00	10.00	5.40	3.65	2.45	1.03	
10	0.88	42.40	3.65	1.93	4.85	3.95	10.50	9.75	5.40	3.50	2.45	1.03	
11	0.95	16.45	3.50	1.78	4.70	3.95	13.25	9.50	5.40	3.50	2.30	1.03	
12	1.25	23.80	3.35	1.63	6.20	5.40	25.90	9.50	5.20	3.50	2.15	0.95	
13	1.78	29.80	3.20	1.48	4.40	8.00	183.00	9.50	5.20	3.50	2.15	0.95	
14	2.30	17.50	3.20	1.48	3.05	6.00	266.60	9.25	5.20	3.35	2.00	0.95	
15	2.90	17.15	3.20	1.55	2.45	5.20	218.00	9.25	5.00	3.35	1.70	0.88	
16	2.75	13.75	3.20	1.55	1.93	4.70	213.60	8.40	5.00	3.35	1.48	0.95	
17	2.75	13.25	3.35	1.40	1.70	10.00	89.60	7.40	4.85	3.35	1.40	2.00	
18	2.75	19.60	4.40	1.40	1.63	7.60	57.25	7.40	4.85	3.20	1.40	1.70	
19	2.45	14.00	6.80	1.70	1.48	7.20	38.80	7.60	4.85	3.20	1.48	1.40	
20	2.30	9.50	6.40	1.40	1.70	8.80	30.25	10.25	4.85	3.20	1.40	1.40	
21	2.00	7.20	5.60	1.63	3.20	44.20	25.20	8.20	4.70	3.05	1.33	4.70	
22	0.88	5.40	4.85	1.55	3.65	22.75	24.15	7.40	4.70	3.05	1.25	2.45	
23	0.73	4.55	4.25	2.00	3.20	13.00	21.35	7.40	4.55	3.05	1.25	2.00	
24	0.65	5.20	3.95	2.45	3.20	11.00	21.00	7.20	4.55	2.90	1.18	1.93	
25	0.58	4.70	3.80	1.78	3.80	10.25	20.30	7.00	4.40	2.90	1.18	2.45	
26	1.03	4.40	3.95	2.15	4.55	10.50	18.20	6.80	4.40	2.90	1.18	2.90	
27	0.88	3.65	3.80	2.75	5.20	8.00	17.15	6.40	4.40	2.75	1.78	1.93	
28	0.88	3.50	4.40	3.20	5.40	7.20	16.45	6.40	4.40	2.75	5.00	1.25	
29	1.33	3.95	5.00	4.70	4.10	8.20	15.75	6.40	4.25	2.75	2.75	1.25	
30	3.20	3.35	3.50	5.20	4.85	15.75	15.05	6.20	4.25	2.60		0.88	
31		5.60		3.95	6.20		14.35		4.25	2.60		2.90	
Total	36.97	315.10	124.10	81.46	100.28	264.85	1438.00	276.85	156.85	102.50	59.91	52.59	3009.46 CMSDAY
Mean	1.23	10.16	4.14	2.63	3.23	8.83	46.39	9.23	5.06	3.31	2.07	1.70	8.22 CMS
Max	3.20	42.40	6.80	5.40	6.20	44.20	266.60	15.05	6.00	4.25	5.00	4.70	266.60 CMS
Min	0.00	2.75	3.20	1.40	1.48	3.95	7.60	6.20	4.25	2.60	1.18	0.88	0.00 CMS
Runoff	3.19	27.22	10.72	7.04	8.66	22.88	124.24	23.92	13.55	8.86	5.18	4.54	260.02 MCM
Momentary Peak		396.00 CMS.		at 147.52 m. (MSL.)		at 15.00 Hours		on Oct 14, 2007					
Runoff Yield		15.59		Liters/Second/Square KM.		Momentary Peak Yield	748.58		Liters/Second/Square KM.				

WATER YEAR : 2007

PING RIVER BASIN

Khlong Wang Chao at Ban Thai Tawee , Kamphaeng Phet (P.50A)

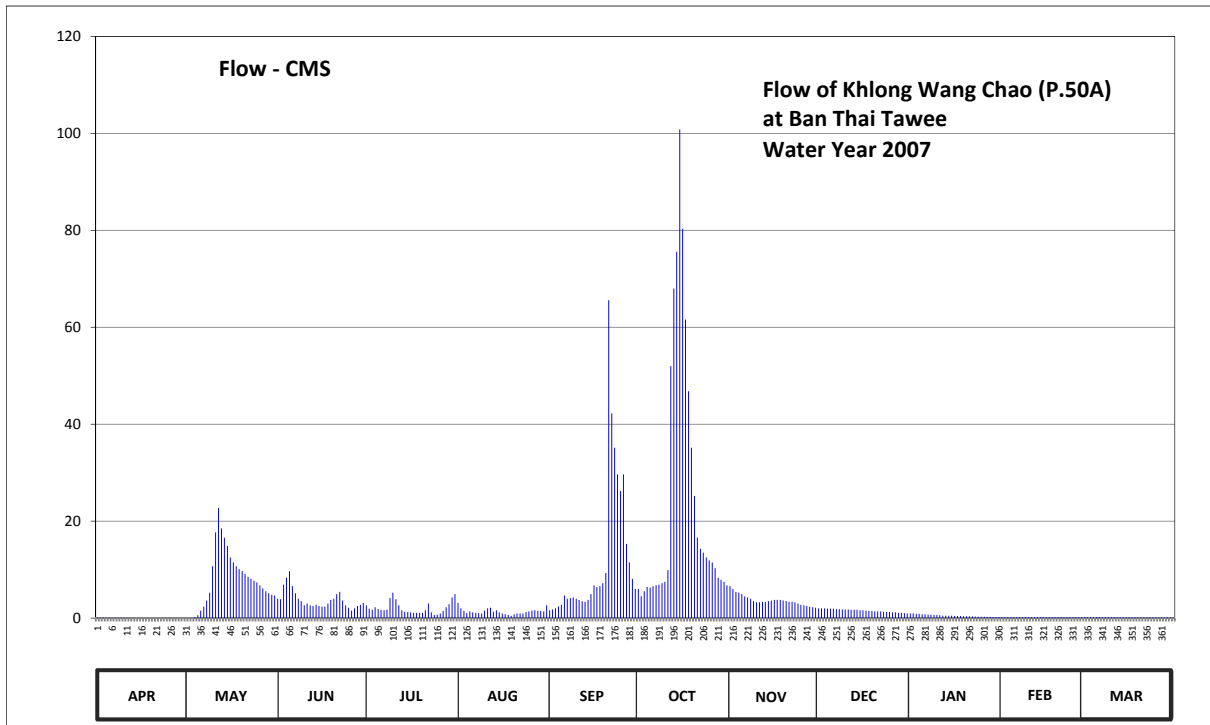
Lat 16 - 32 - 45 N Long 99 - 14 - 57 E

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	+109.931 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 14 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	105.44	105.35	105.96	105.85	105.89	105.75	106.10	106.14	105.80	105.66	105.48	105.47	
2	105.44	105.34	105.95	105.79	105.80	105.77	106.00	106.10	105.80	105.66	105.48	105.47	
3	105.44	105.35	106.16	105.76	105.73	105.80	106.07	106.06	105.80	105.65	105.48	105.47	
4	105.43	105.47	106.24	105.82	105.67	105.83	106.13	106.05	105.79	105.65	105.48	105.47	
5	105.43	105.61	106.31	105.78	105.72	105.86	106.12	106.03	105.79	105.64	105.48	105.47	
6	105.43	105.74	106.14	105.76	105.69	106.01	106.14	106.00	105.79	105.64	105.48	105.47	
7	105.42	105.83	106.04	105.75	105.68	105.96	106.15	105.98	105.78	105.63	105.48	105.47	
8	105.42	105.93	105.96	105.76	105.67	105.97	106.16	105.96	105.78	105.63	105.48	105.47	
9	105.42	106.05	105.92	105.97	105.66	105.98	106.18	105.92	105.77	105.62	105.48	105.47	
10	105.42	106.36	105.85	106.05	105.74	105.96	106.20	105.90	105.77	105.62	105.48	105.47	
11	105.41	106.68	105.88	105.95	105.80	105.94	106.32	105.90	105.77	105.61	105.47	105.47	
12	105.41	106.85	105.85	105.85	105.81	105.92	107.40	105.91	105.76	105.60	105.47	105.46	
13	105.41	106.71	105.84	105.75	105.71	105.91	107.60	105.91	105.76	105.60	105.47	105.46	
14	105.40	106.64	105.86	105.71	105.75	105.94	107.68	105.92	105.76	105.59	105.47	105.46	
15	105.40	106.57	105.84	105.70	105.69	106.03	107.92	105.93	105.75	105.59	105.47	105.46	
16	105.40	106.45	105.83	105.69	105.66	106.15	107.73	105.94	105.75	105.58	105.47	105.46	
17	105.39	106.40	105.83	105.68	105.64	106.13	107.52	105.94	105.74	105.57	105.47	105.46	
18	105.39	106.36	105.88	105.68	105.62	106.14	107.32	105.94	105.73	105.57	105.47	105.46	
19	105.39	106.33	105.94	105.68	105.58	106.18	107.13	105.93	105.73	105.56	105.47	105.46	
20	105.38	106.31	105.96	105.68	105.64	106.29	106.92	105.92	105.72	105.55	105.47	105.46	
21	105.38	106.28	106.03	105.75	105.66	107.57	106.64	105.91	105.72	105.55	105.47	105.46	
22	105.38	106.25	106.06	105.88	105.66	107.25	106.54	105.91	105.72	105.54	105.47	105.46	
23	105.38	106.23	105.93	105.69	105.66	107.13	106.50	105.90	105.71	105.53	105.47	105.46	
24	105.37	106.21	105.85	105.62	105.70	107.03	106.45	105.88	105.70	105.52	105.47	105.46	
25	105.37	106.19	105.81	105.63	105.72	106.95	106.42	105.86	105.70	105.52	105.47	105.45	
26	105.37	106.15	105.74	105.66	105.74	107.03	106.40	105.85	105.69	105.51	105.47	105.45	
27	105.37	106.11	105.80	105.73	105.75	106.59	106.34	105.84	105.69	105.50	105.47	105.45	
28	105.36	106.07	105.84	105.82	105.74	106.40	106.24	105.83	105.68	105.50	105.47	105.45	
29	105.36	106.04	105.86	105.87	105.73	106.23	106.22	105.82	105.68	105.49	105.47	105.45	
30	105.36	106.02	105.89	105.98	105.72	106.10	106.20	105.81	105.67	105.49	105.47	105.45	
31		106.01		106.03	105.85		106.15		105.66	105.48	105.47	105.45	
Mean	105.40	106.13	105.93	105.78	105.71	106.26	106.61	105.93	105.74	105.58	105.47	105.46	
Max	105.44	106.85	106.31	106.05	105.89	107.57	107.92	106.14	105.80	105.66	105.48	105.47	107.92
Min	105.36	105.34	105.74	105.62	105.58	105.75	106.00	105.81	105.66	105.48	105.47	105.45	105.34
Annual Max Momentary Gage Height	108.14		m. (MSL.) ,				at 18.00 Hours ,		on Oct 15 , 2007				
Zero Gage at Bottom Elevation	104.36		m. (MSL.) ,			River Bed	104.74		m. (MSL.)				
Left Bank Elevation		109.88		m. (MSL.) ,									
Right Bank Elevation		109.89		m. (MSL.) ,		Drainage Are	480		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.00	4.00	2.63	3.13	1.63	6.00	6.60	2.00	0.95	0.20	0.18	
2	0.10	0.00	3.88	1.93	2.00	1.78	4.50	6.00	2.00	0.95	0.20	0.18	
3	0.10	0.00	6.90	1.70	1.48	2.00	5.55	5.40	2.00	0.88	0.20	0.18	
4	0.08	0.18	8.30	2.25	1.03	2.38	6.45	5.25	1.93	0.88	0.20	0.18	
5	0.08	0.58	9.70	1.85	1.40	2.75	6.30	4.95	1.93	0.80	0.20	0.18	
6	0.08	1.55	6.60	1.70	1.18	4.65	6.60	4.50	1.93	0.80	0.20	0.18	
7	0.05	2.38	5.10	1.63	1.10	4.00	6.75	4.25	1.85	0.73	0.20	0.18	
8	0.05	3.63	4.00	1.70	1.03	4.13	6.90	4.00	1.85	0.73	0.20	0.18	
9	0.05	5.25	3.50	4.13	0.95	4.25	7.20	3.50	1.78	0.65	0.20	0.18	
10	0.05	10.70	2.63	5.25	1.55	4.00	7.50	3.25	1.78	0.65	0.20	0.18	
11	0.03	17.70	3.00	3.88	2.00	3.75	9.90	3.25	1.78	0.58	0.18	0.18	
12	0.03	22.75	2.63	2.63	2.13	3.50	52.00	3.38	1.70	0.50	0.18	0.15	
13	0.03	18.53	2.50	1.63	1.33	3.38	68.00	3.38	1.70	0.50	0.18	0.15	
14	0.00	16.60	2.75	1.33	1.63	3.75	75.60	3.50	1.70	0.48	0.18	0.15	
15	0.00	14.90	2.50	1.25	1.18	4.95	100.80	3.63	1.63	0.48	0.18	0.15	
16	0.00	12.50	2.38	1.18	0.95	6.75	80.35	3.75	1.63	0.45	0.18	0.15	
17	0.00	11.50	2.38	1.10	0.80	6.45	61.60	3.75	1.55	0.43	0.18	0.15	
18	0.00	10.70	3.00	1.10	0.65	6.60	46.80	3.75	1.48	0.43	0.18	0.15	
19	0.00	10.10	3.75	1.10	0.45	7.20	35.15	3.63	1.48	0.40	0.18	0.15	
20	0.00	9.70	4.00	1.10	0.80	9.30	25.20	3.50	1.40	0.38	0.18	0.15	
21	0.00	9.10	4.95	1.63	0.95	65.60	16.60	3.38	1.40	0.38	0.18	0.15	
22	0.00	8.50	5.40	3.00	0.95	42.25	14.30	3.38	1.40	0.35	0.18	0.15	
23	0.00	8.10	3.63	1.18	0.95	35.15	13.50	3.25	1.33	0.33	0.18	0.15	
24	0.00	7.70	2.63	0.65	1.25	29.65	12.50	3.00	1.25	0.30	0.18	0.15	
25	0.00	7.35	2.13	0.73	1.40	26.25	11.90	2.75	1.25	0.30	0.18	0.13	
26	0.00	6.75	1.55	0.95	1.55	29.65	11.50	2.63	1.18	0.28	0.18	0.13	
27	0.00	6.15	2.00	1.48	1.63	15.30	10.30	2.50	1.18	0.25	0.18	0.13	
28	0.00	5.55	2.50	2.25	1.55	11.50	8.30	2.38	1.10	0.25	0.18	0.13	
29	0.00	5.10	2.75	2.88	1.48	8.10	7.90	2.25	1.10	0.23	0.18	0.13	
30	0.00	4.80	3.13	4.25	1.40	6.00	7.50	2.13	1.03	0.23	0.18	0.13	
31		4.65		4.95	2.63		6.75		0.95	0.20		0.13	
Total	0.83	243.00	114.17	65.02	42.51	356.65	740.20	110.87	48.27	15.75	5.42	4.84	1747.53 CMSDAY
Mean	0.03	7.84	3.81	2.10	1.37	11.89	23.88	3.70	1.56	0.51	0.19	0.16	4.77 CMS
Max	0.10	22.75	9.70	5.25	3.13	65.60	100.80	6.60	2.00	0.95	0.20	0.18	100.80 CMS
Min	0.00	0.00	1.55	0.65	0.45	1.63	4.50	2.13	0.95	0.20	0.18	0.13	0.00 CMS
Runoff	0.07	21.00	9.86	5.62	3.67	30.81	63.95	9.58	4.17	1.36	0.47	0.42	150.99 MCM
Momentary Peak	131.00 CMS. at 108.14 m. (MSL.) at 18.00 Hours , on Oct 15, 2007												
Runoff Yield	9.97 Liters/Second/Square KM.			Momentary Peak Yield				272.92 Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

Khlong Pra Dang at Ban Na Bot,Tak (P.51)

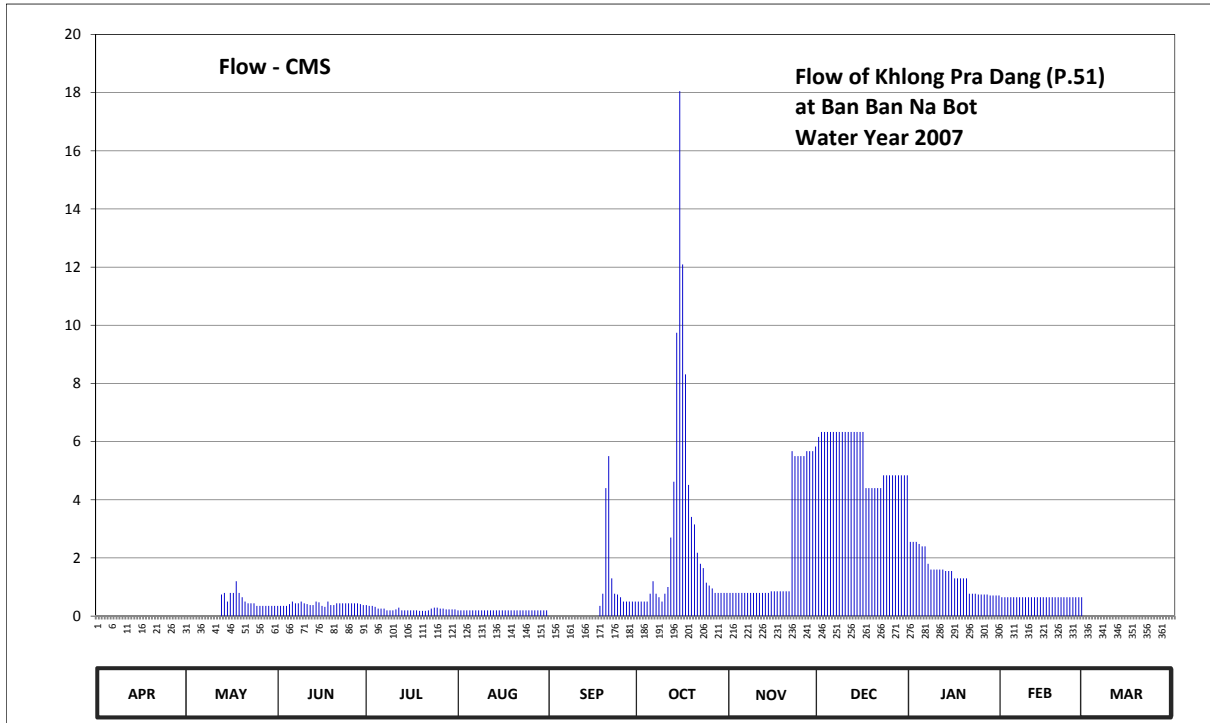
Lat 16 - 41 - 11 N Long 99 - 09 - 20 E

Location : on right bank the bridge on highway.

	Ban Na Bot	Amphoe Mueang	Changwat Tak
Drainage Area	167 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+148.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 10 meters from the top staff gage.	Elevation	+151.849 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	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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 5 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	147.68	147.68	147.85	147.86	147.80	147.68	147.90	148.00	148.64	148.30	147.95	147.68	
2	147.68	147.68	147.85	147.85	147.80	147.68	147.90	148.00	148.65	148.30	147.95	147.68	
3	147.68	147.68	147.85	147.85	147.80	147.68	147.90	148.00	148.65	148.30	147.95	147.68	
4	147.68	147.68	147.85	147.84	147.80	147.68	147.90	148.00	148.65	148.29	147.95	147.68	
5	147.68	147.68	147.87	147.82	147.80	147.68	147.99	148.00	148.65	148.28	147.95	147.68	
6	147.68	147.68	147.90	147.82	147.80	147.68	148.08	148.00	148.65	148.28	147.95	147.68	
7	147.68	147.68	147.88	147.82	147.80	147.68	147.99	148.00	148.65	148.20	147.95	147.68	
8	147.68	147.68	147.88	147.80	147.80	147.68	147.95	148.00	148.65	148.16	147.95	147.68	
9	147.68	147.68	147.90	147.80	147.80	147.68	147.90	148.00	148.65	148.16	147.95	147.68	
10	147.68	147.68	147.88	147.80	147.80	147.68	147.99	148.00	148.65	148.16	147.95	147.68	
11	147.68	147.68	147.87	147.81	147.80	147.68	148.04	148.00	148.65	148.16	147.95	147.68	
12	147.68	147.68	147.86	147.83	147.80	147.68	148.32	148.00	148.65	148.16	147.95	147.68	
13	147.68	147.98	147.86	147.80	147.80	147.68	148.52	148.00	148.65	148.15	147.95	147.68	
14	147.68	148.00	147.90	147.80	147.80	147.68	148.84	148.00	148.65	148.15	147.95	147.68	
15	147.68	147.90	147.89	147.80	147.80	147.68	149.14	148.01	148.65	148.15	147.95	147.68	
16	147.68	148.00	147.85	147.80	147.80	147.68	148.94	148.01	148.65	148.10	147.95	147.68	
17	147.68	148.00	147.84	147.80	147.80	147.68	148.77	148.01	148.50	148.10	147.95	147.68	
18	147.68	148.08	147.90	147.80	147.80	147.85	148.51	148.01	148.50	148.10	147.95	147.68	
19	147.68	148.00	147.86	147.79	147.80	147.99	148.41	148.01	148.50	148.10	147.95	147.68	
20	147.68	147.95	147.86	147.79	147.80	148.50	148.38	148.01	148.50	148.10	147.95	147.68	
21	147.68	147.90	147.88	147.79	147.80	148.60	148.25	148.01	148.50	147.99	147.95	147.68	
22	147.68	147.88	147.88	147.80	147.80	148.10	148.20	148.61	148.50	147.99	147.95	147.68	
23	147.68	147.88	147.88	147.82	147.80	147.99	148.17	148.60	148.54	147.99	147.95	147.68	
24	147.68	147.88	147.88	147.83	147.80	147.98	148.07	148.60	148.54	147.98	147.95	147.68	
25	147.68	147.85	147.88	147.83	147.80	147.95	148.05	148.60	148.54	147.98	147.95	147.68	
26	147.68	147.85	147.88	147.82	147.80	147.90	148.03	148.60	148.54	147.98	147.95	147.68	
27	147.68	147.85	147.88	147.82	147.80	147.90	148.00	148.61	148.54	147.98	147.95	147.68	
28	147.68	147.85	147.88	147.81	147.80	147.90	148.00	148.61	148.54	147.97	147.95	147.68	
29	147.68	147.85	147.87	147.81	147.80	147.90	148.00	148.61	148.54	147.97	147.95	147.68	
30	147.68	147.85	147.86	147.81	147.80	147.90	148.00	148.62	148.54	147.97	147.95	147.68	
31		147.85		147.81	147.80		148.00		148.54	147.97		147.68	
Mean	147.68	147.82	147.87	147.81	147.80	147.83	148.20	148.18	148.59	148.11	147.95	147.68	
Max	147.68	148.08	147.90	147.86	147.80	148.60	149.14	148.62	148.65	148.30	147.95	147.68	149.14
Min	147.68	147.68	147.84	147.79	147.80	147.68	147.90	148.00	148.50	147.97	147.95	147.68	147.68
Annual Max Momentary Gage Height	149.15		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	148.30		m. (MSL.) ,			River Bed	147.68		m. (MSL.)				
Left Bank Elevation		151.62		m. (MSL.) ,									
Right Bank Elevation		151.60		m. (MSL.) ,		Drainage Are	167		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.35	0.38	0.20	0.00	0.50	0.80	6.16	2.55	0.65	0.00	
2	0.00	0.00	0.35	0.35	0.20	0.00	0.50	0.80	6.33	2.55	0.65	0.00	
3	0.00	0.00	0.35	0.35	0.20	0.00	0.50	0.80	6.33	2.55	0.65	0.00	
4	0.00	0.00	0.35	0.32	0.20	0.00	0.50	0.80	6.33	2.48	0.65	0.00	
5	0.00	0.00	0.41	0.26	0.20	0.00	0.77	0.80	6.33	2.40	0.65	0.00	
6	0.00	0.00	0.50	0.26	0.20	0.00	1.20	0.80	6.33	2.40	0.65	0.00	
7	0.00	0.00	0.44	0.26	0.20	0.00	0.77	0.80	6.33	1.80	0.65	0.00	
8	0.00	0.00	0.44	0.20	0.20	0.00	0.65	0.80	6.33	1.60	0.65	0.00	
9	0.00	0.00	0.50	0.20	0.20	0.00	0.50	0.80	6.33	1.60	0.65	0.00	
10	0.00	0.00	0.44	0.20	0.20	0.00	0.77	0.80	6.33	1.60	0.65	0.00	
11	0.00	0.00	0.41	0.23	0.20	0.00	1.00	0.80	6.33	1.60	0.65	0.00	
12	0.00	0.00	0.38	0.29	0.20	0.00	2.70	0.80	6.33	1.60	0.65	0.00	
13	0.00	0.74	0.38	0.20	0.20	0.00	4.62	0.80	6.33	1.55	0.65	0.00	
14	0.00	0.80	0.50	0.20	0.20	0.00	9.74	0.80	6.33	1.55	0.65	0.00	
15	0.00	0.50	0.47	0.20	0.20	0.00	18.05	0.85	6.33	1.55	0.65	0.00	
16	0.00	0.80	0.35	0.20	0.20	0.00	12.09	0.85	6.33	1.30	0.65	0.00	
17	0.00	0.80	0.32	0.20	0.20	0.00	8.31	0.85	4.40	1.30	0.65	0.00	
18	0.00	1.20	0.50	0.20	0.20	0.35	4.51	0.85	4.40	1.30	0.65	0.00	
19	0.00	0.80	0.38	0.18	0.20	0.77	3.41	0.85	4.40	1.30	0.65	0.00	
20	0.00	0.65	0.38	0.18	0.20	4.40	3.15	0.85	4.40	1.30	0.65	0.00	
21	0.00	0.50	0.44	0.18	0.20	5.50	2.18	0.85	4.40	0.77	0.65	0.00	
22	0.00	0.44	0.44	0.20	0.20	1.30	1.80	5.67	4.40	0.77	0.65	0.00	
23	0.00	0.44	0.44	0.26	0.20	0.77	1.65	5.50	4.84	0.77	0.65	0.00	
24	0.00	0.44	0.44	0.29	0.20	0.74	1.15	5.50	4.84	0.74	0.65	0.00	
25	0.00	0.35	0.44	0.29	0.20	0.65	1.05	5.50	4.84	0.74	0.65	0.00	
26	0.00	0.35	0.44	0.26	0.20	0.50	0.95	5.50	4.84	0.74	0.65	0.00	
27	0.00	0.35	0.44	0.26	0.20	0.50	0.80	5.67	4.84	0.74	0.65	0.00	
28	0.00	0.35	0.44	0.23	0.20	0.50	0.80	5.67	4.84	0.71	0.65	0.00	
29	0.00	0.35	0.41	0.23	0.20	0.50	0.80	5.67	4.84	0.71	0.65	0.00	
30	0.00	0.35	0.38	0.23	0.20	0.50	0.80	5.83	4.84	0.71	0.65	0.00	
31	0.00	0.35	0.38	0.23	0.20	0.50	0.80	5.83	4.84	0.71	0.65	0.00	
Total	0.00	10.56	12.51	7.52	6.20	16.98	87.02	67.66	171.07	43.99	18.85	0.00	442.36 CMSDAY
Mean	0.00	0.34	0.42	0.24	0.20	0.57	2.81	2.26	5.52	1.42	0.65	0.00	1.21 CMS
Max	0.00	1.20	0.50	0.38	0.20	5.50	18.05	5.83	6.33	2.55	0.65	0.00	18.05 CMS
Min	0.00	0.00	0.32	0.18	0.20	0.00	0.50	0.80	4.40	0.71	0.65	0.00	0.00 CMS
Runoff	0.00	0.91	1.08	0.65	0.54	1.47	7.52	5.85	14.78	3.80	1.63	0.00	38.22 MCM
Momentary Peak	18.37 CMS. at 149.15 m. (MSL.) at 15.00 Hours , on Oct 15, 2007												
Runoff Yield	7.26 Liters/Second/Square KM.			Momentary Peak Yield			110.00 Liters/Second/Square KM.						

WATER YEAR : 2007**PING RIVER BASIN****Huai Tak at Ban Tak, Tak (P.52)**

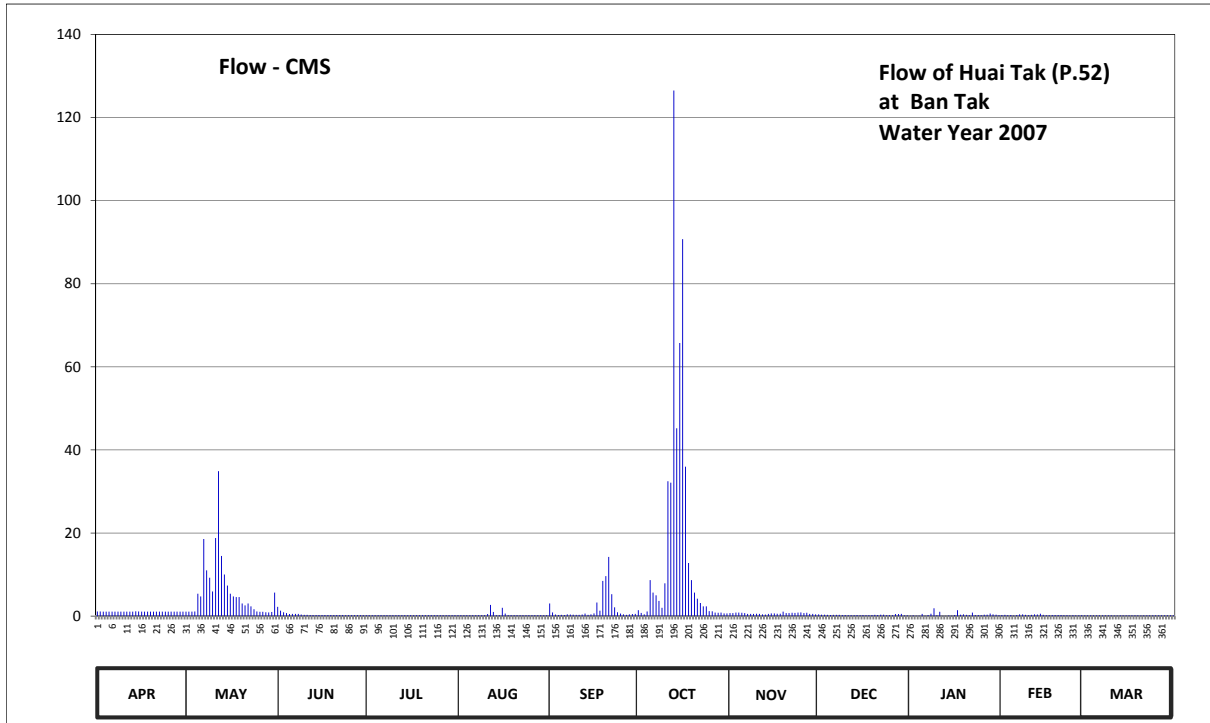
Lat 17 - 02 - 13 N Long 99 - 03 - 09 E

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	+125.421 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 9 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	119.98	119.97	120.09	119.73	119.73	120.16	120.02	119.89	119.83	119.61	119.78	120.70	
2	119.98	119.97	120.01	119.73	119.73	119.93	119.90	119.89	119.81	119.69	119.80	120.80	
3	119.97	119.97	119.94	119.73	119.73	119.82	119.83	119.92	119.81	119.61	119.71	120.72	
4	119.97	119.98	119.89	119.73	119.73	119.78	119.98	119.92	119.79	119.61	119.78	120.72	
5	119.97	120.34	119.84	119.73	119.72	119.79	120.53	119.91	119.78	119.85	119.64	120.73	
6	119.97	120.29	119.85	119.73	119.72	119.78	120.36	119.89	119.79	119.61	119.76	120.73	
7	119.97	120.99	119.85	119.73	119.72	119.83	120.31	119.85	119.79	119.77	119.83	120.73	
8	119.97	120.65	119.85	119.73	119.72	119.82	120.21	119.85	119.79	119.86	119.83	120.75	
9	119.97	120.56	119.82	119.73	119.72	119.81	120.07	119.85	119.77	120.06	119.79	120.77	
10	119.97	120.38	119.80	119.74	119.72	119.80	120.49	119.86	119.75	119.74	119.73	120.74	
11	119.97	121.00	119.79	119.73	119.84	119.79	121.47	119.85	119.73	119.96	119.79	120.62	
12	119.97	121.54	119.78	119.72	120.13	119.82	121.46	119.83	119.74	119.59	119.83	120.62	
13	119.97	120.82	119.78	119.72	119.95	119.87	123.26	119.82	119.73	119.58	119.82	120.66	
14	119.99	120.60	119.77	119.72	119.74	119.79	121.83	119.85	119.76	119.67	119.86	120.66	
15	119.98	120.46	119.77	119.72	119.73	119.83	122.29	119.88	119.73	119.60	119.80	120.66	
16	119.97	120.34	119.77	119.72	120.07	119.88	122.73	119.88	119.75	119.75	119.73	120.77	
17	119.97	120.29	119.76	119.72	119.87	120.18	121.57	119.86	119.73	120.02	119.71	120.72	
18	119.97	120.28	119.75	119.72	119.74	120.01	120.74	119.86	119.74	119.81	119.75	120.70	
19	119.97	120.28	119.76	119.72	119.74	120.52	120.53	119.97	119.78	119.83	119.75	120.69	
20	119.97	120.16	119.75	119.72	119.74	120.58	120.36	119.89	119.79	119.80	119.75	120.64	
21	119.97	120.12	119.75	119.72	119.74	120.81	120.25	119.89	119.77	119.74	119.76	120.69	
22	119.97	120.16	119.75	119.72	119.73	120.33	120.17	119.91	119.81	119.92	119.74	120.73	
23	119.97	120.10	119.75	119.72	119.73	120.08	120.10	119.90	119.81	119.76	119.73	120.70	
24	119.97	120.04	119.73	119.73	119.73	119.94	120.10	119.92	119.71	119.78	119.68	120.70	
25	119.97	119.98	119.74	119.73	119.73	119.87	120.00	119.93	119.73	119.74	119.73	120.69	
26	119.97	119.96	119.73	119.73	119.73	119.83	119.99	119.89	119.74	119.81	119.70	120.68	
27	119.97	119.96	119.74	119.72	119.73	119.79	119.92	119.91	119.84	119.81	119.69	120.71	
28	119.97	119.94	119.73	119.72	119.74	119.83	119.91	119.85	119.84	119.87	119.74	120.71	
29	119.97	119.93	119.72	119.74	119.73	119.84	119.92	119.85	119.85	119.83	119.72	120.73	
30	119.97	119.95	119.72	119.74	119.73	119.85	119.88	119.83	119.70	119.81		120.73	
31		120.36		119.74	119.73		119.88		119.69	119.74		120.71	
Mean	119.97	120.30	119.80	119.73	119.77	119.97	120.58	119.88	119.77	119.77	119.76	120.71	
Max	119.99	121.54	120.09	119.74	120.13	120.81	123.26	119.97	119.85	120.06	119.86	120.80	123.26
Min	119.97	119.93	119.72	119.72	119.72	119.78	119.83	119.82	119.69	119.58	119.64	120.62	119.58
Annual Max Momentary Gage Height	123.63		m. (MSL.) ,				at 15.00 Hours , on Oct 14 , 2007						
Zero Gage at Bottom Elevation	120.23		m. (MSL.) ,			River Bed	119.87	m. (MSL.)					
Left Bank Elevation		123.82		m. (MSL.) ,									
Right Bank Elevation		123.72		m. (MSL.) ,		Drainage Are	355	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.11	1.07	2.24	0.23	0.23	3.04	1.43	0.71	0.44	0.11	0.28	0.18	
2	1.11	1.07	1.32	0.23	0.23	0.89	0.75	0.71	0.35	0.19	0.30	0.20	
3	1.07	1.07	0.93	0.23	0.23	0.39	0.44	0.84	0.35	0.11	0.21	0.19	
4	1.07	1.11	0.71	0.23	0.23	0.28	1.11	0.84	0.29	0.11	0.28	0.19	
5	1.07	5.39	0.48	0.23	0.22	0.29	8.67	0.80	0.28	0.53	0.14	0.19	
6	1.07	4.72	0.53	0.23	0.22	0.28	5.66	0.71	0.29	0.11	0.26	0.19	
7	1.07	18.56	0.53	0.23	0.22	0.44	4.99	0.53	0.29	0.27	0.44	0.19	
8	1.07	11.00	0.53	0.23	0.22	0.39	3.64	0.53	0.29	0.57	0.44	0.19	
9	1.07	9.24	0.39	0.23	0.22	0.35	2.01	0.53	0.27	1.89	0.29	0.20	
10	1.07	5.93	0.30	0.24	0.22	0.30	7.91	0.57	0.25	0.24	0.23	0.19	
11	1.07	18.80	0.29	0.23	0.48	0.29	32.45	0.53	0.23	1.02	0.29	0.17	
12	1.07	34.90	0.28	0.22	2.70	0.39	32.10	0.44	0.24	0.08	0.44	0.17	
13	1.07	14.48	0.28	0.22	0.98	0.62	126.50	0.39	0.23	0.06	0.39	0.18	
14	1.16	10.00	0.27	0.22	0.24	0.29	45.20	0.53	0.26	0.17	0.57	0.18	
15	1.11	7.34	0.27	0.22	0.23	0.44	65.73	0.66	0.23	0.10	0.30	0.18	
16	1.07	5.39	0.27	0.22	2.01	0.66	90.73	0.66	0.25	0.25	0.23	0.20	
17	1.07	4.72	0.26	0.22	0.62	3.27	35.95	0.57	0.23	1.43	0.21	0.19	
18	1.07	4.58	0.25	0.22	0.24	1.32	12.80	0.57	0.24	0.35	0.25	0.18	
19	1.07	4.58	0.26	0.22	0.24	8.48	8.67	1.07	0.28	0.44	0.25	0.18	
20	1.07	3.04	0.25	0.22	0.24	9.62	5.66	0.71	0.29	0.30	0.25	0.17	
21	1.07	2.58	0.25	0.22	0.24	14.24	4.18	0.71	0.27	0.24	0.26	0.18	
22	1.07	3.04	0.25	0.22	0.23	5.26	3.16	0.80	0.35	0.84	0.24	0.19	
23	1.07	2.35	0.25	0.22	0.23	2.12	2.35	0.75	0.35	0.26	0.23	0.18	
24	1.07	1.66	0.23	0.23	0.23	0.93	2.35	0.84	0.21	0.28	0.18	0.18	
25	1.07	1.11	0.24	0.23	0.23	0.62	1.20	0.89	0.23	0.24	0.23	0.18	
26	1.07	1.02	0.23	0.23	0.23	0.44	1.16	0.71	0.24	0.35	0.20	0.18	
27	1.07	1.02	0.24	0.22	0.23	0.29	0.84	0.80	0.48	0.35	0.19	0.19	
28	1.07	0.93	0.23	0.22	0.24	0.44	0.80	0.53	0.48	0.62	0.24	0.19	
29	1.07	0.89	0.22	0.24	0.23	0.48	0.84	0.53	0.53	0.44	0.22	0.19	
30	1.07	0.98	0.22	0.24	0.23	0.53	0.66	0.44	0.20	0.35		0.19	
31		5.66		0.24	0.23		0.66		0.19	0.24		0.19	
Total	32.31	188.23	13.00	7.03	12.77	57.38	510.60	19.90	9.11	12.54	8.04	5.75	876.66 CMSDAY
Mean	1.08	6.07	0.43	0.23	0.41	1.91	16.47	0.66	0.29	0.40	0.28	0.19	2.40 CMS
Max	1.16	34.90	2.24	0.24	2.70	14.24	126.50	1.07	0.53	1.89	0.57	0.20	126.50 CMS
Min	1.07	0.89	0.22	0.22	0.22	0.28	0.44	0.39	0.19	0.06	0.14	0.17	0.06 CMS
Runoff	2.79	16.26	1.12	0.61	1.10	4.96	44.12	1.72	0.79	1.08	0.69	0.50	75.74 MCM
Momentary Peak	154.40 CMS. at 123.63 m. (MSL.) at 15.00 Hours , on Oct 14 , 2007												
Runoff Yield	6.77 Liters/Second/Square KM.			Momentary Peak Yield			434.93 Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Ngat at Ban Sahakorn Romklao , Chiang Mai (P.56A)

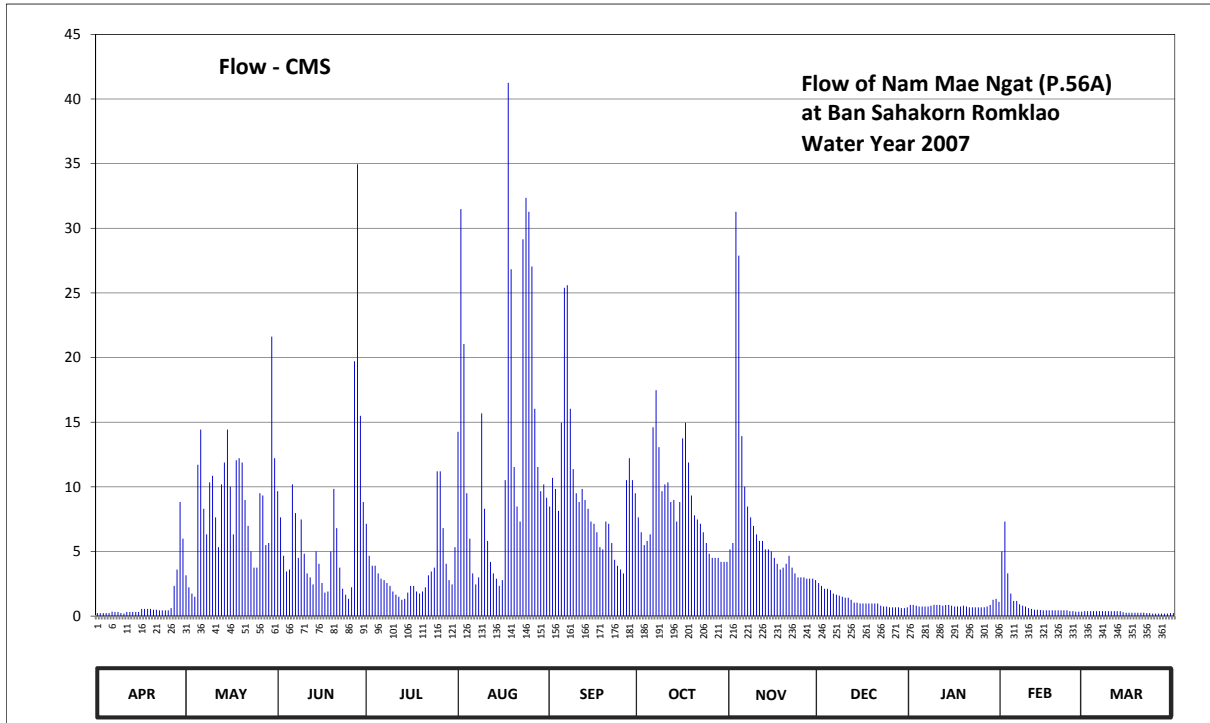
Lat 19 - 17 - 04 N Long 99 - 11 - 23 E

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	Water - stage recorder.					
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	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 by some scouring.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	409.51	409.91	410.31	410.16	410.58	410.24	410.19	410.04	409.86	409.66	410.03	409.56	
2	409.51	409.83	410.19	410.01	411.46	410.37	410.12	410.07	409.84	409.66	410.17	409.56	
3	409.51	409.78	410.01	409.96	410.95	410.32	410.06	411.45	409.82	409.65	409.92	409.56	
4	409.51	409.75	409.93	409.96	410.30	410.22	410.08	411.29	409.82	409.64	409.78	409.56	
5	409.51	410.43	409.94	409.92	410.09	410.62	410.11	410.56	409.81	409.64	409.71	409.56	
6	409.55	410.59	410.34	409.89	409.92	411.17	410.60	410.33	409.78	409.64	409.71	409.56	
7	409.54	410.23	410.21	409.88	409.85	411.18	410.76	410.24	409.77	409.64	409.67	409.56	
8	409.54	410.11	410.00	409.86	409.90	410.68	410.51	410.19	409.76	409.65	409.65	409.56	
9	409.51	410.35	410.18	409.84	410.66	410.41	410.31	410.15	409.75	409.66	409.64	409.56	
10	409.50	410.38	410.02	409.80	410.23	410.30	410.34	410.11	409.74	409.66	409.62	409.56	
11	409.54	410.19	409.92	409.77	410.08	410.26	410.35	410.08	409.74	409.66	409.61	409.56	
12	409.54	410.05	409.90	409.75	409.98	410.32	410.26	410.08	409.72	409.65	409.60	409.56	
13	409.54	410.34	409.85	409.72	409.92	410.27	410.27	410.04	409.69	409.66	409.60	409.56	
14	409.54	410.44	410.03	409.73	409.89	410.23	410.17	410.04	409.69	409.66	409.59	409.53	
15	409.54	410.59	409.97	409.79	409.84	410.17	410.26	410.03	409.68	409.65	409.58	409.52	
16	409.61	410.33	409.86	409.84	409.88	410.16	410.55	410.00	409.68	409.64	409.58	409.52	
17	409.61	410.11	409.79	409.84	410.36	410.12	410.62	409.97	409.68	409.64	409.58	409.52	
18	409.61	410.45	409.80	409.80	411.89	410.05	410.44	409.94	409.68	409.64	409.58	409.52	
19	409.61	410.46	410.03	409.78	411.24	410.04	410.29	409.95	409.68	409.65	409.58	409.52	
20	409.60	410.44	410.32	409.80	410.42	410.17	410.20	409.97	409.68	409.64	409.58	409.52	
21	409.60	410.27	410.14	409.83	410.24	410.16	410.18	410.01	409.68	409.63	409.58	409.52	
22	409.58	410.15	409.95	409.91	410.17	410.07	410.16	409.95	409.65	409.63	409.58	409.51	
23	409.58	410.03	409.82	409.93	411.35	409.99	410.12	409.92	409.64	409.63	409.58	409.51	
24	409.58	409.95	409.77	409.95	411.50	409.96	410.07	409.90	409.64	409.63	409.56	409.50	
25	409.58	409.95	409.73	410.40	411.45	409.94	410.02	409.90	409.63	409.63	409.56	409.50	
26	409.62	410.30	409.83	410.40	411.25	409.92	410.00	409.90	409.63	409.63	409.55	409.50	
27	409.84	410.29	410.88	410.14	410.68	410.36	410.00	409.89	409.63	409.64	409.55	409.50	
28	409.94	410.06	411.62	409.97	410.42	410.46	410.00	409.89	409.63	409.66	409.55	409.50	
29	410.26	410.07	410.65	409.88	410.31	410.36	409.98	409.89	409.62	409.72	409.55	409.50	
30	410.09	410.98	410.26	409.85	410.34	410.30	409.98	409.88	409.62	409.73	409.51	409.51	
31		410.46		410.05	410.28		409.98		409.63	409.70		409.51	
Mean	409.62	410.23	410.11	409.92	410.50	410.29	410.23	410.12	409.71	409.65	409.65	409.53	
Max	410.26	410.98	411.62	410.40	411.89	411.18	410.76	411.45	409.86	409.73	410.17	409.56	411.89
Min	409.50	409.75	409.73	409.72	409.84	409.92	409.98	409.88	409.62	409.63	409.55	409.50	409.50
Annual Max Momentary Gage Height	412.47		m. (MSL.) ,				at 11.00 Hours ,						on Aug 18, 2007
Zero Gage at Bottom Elevation	408.30		m. (MSL.) ,			River Bed	409.27		m. (MSL.)				
Left Bank Elevation		415.73		m. (MSL.) ,									
Right Bank Elevation		415.77		m. (MSL.) ,		Drainage Are	546		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.23	3.15	9.67	7.14	14.26	8.48	7.64	5.16	2.56	0.86	5.00	0.38		
2	0.23	2.23	7.64	4.67	31.49	10.69	6.48	5.66	2.34	0.86	7.31	0.38		
3	0.23	1.74	4.67	3.90	21.05	9.84	5.49	31.28	2.12	0.80	3.30	0.38		
4	0.23	1.50	3.45	3.90	9.50	8.14	5.82	27.89	2.12	0.74	1.74	0.38		
5	0.23	11.71	3.60	3.30	5.99	14.96	6.32	13.92	2.01	0.74	1.18	0.38		
6	0.35	14.43	10.18	2.89	3.30	25.40	14.60	10.01	1.74	0.74	1.18	0.38		
7	0.32	8.31	7.97	2.78	2.45	25.60	17.48	8.48	1.66	0.74	0.92	0.38		
8	0.32	6.32	4.50	2.56	3.00	16.04	13.07	7.64	1.58	0.80	0.80	0.38		
9	0.23	10.35	7.47	2.34	15.68	11.37	9.67	6.98	1.50	0.86	0.74	0.38		
10	0.20	10.86	4.83	1.90	8.31	9.50	10.18	6.32	1.42	0.86	0.62	0.38		
11	0.32	7.64	3.30	1.66	5.82	8.82	10.35	5.82	1.42	0.86	0.56	0.38		
12	0.32	5.33	3.00	1.50	4.20	9.84	8.82	5.82	1.26	0.80	0.50	0.38		
13	0.32	10.18	2.45	1.26	3.30	8.99	8.99	5.16	1.04	0.86	0.50	0.38		
14	0.32	11.88	5.00	1.34	2.89	8.31	7.31	5.16	1.04	0.86	0.47	0.29		
15	0.32	14.43	4.05	1.82	2.34	7.31	8.82	5.00	0.98	0.80	0.44	0.26		
16	0.56	10.01	2.56	2.34	2.78	7.14	13.75	4.50	0.98	0.74	0.44	0.26		
17	0.56	6.32	1.82	2.34	10.52	6.48	14.96	4.05	0.98	0.74	0.44	0.26		
18	0.56	12.05	1.90	1.90	41.25	5.33	11.88	3.60	0.98	0.74	0.44	0.26		
19	0.56	12.22	5.00	1.74	26.84	5.16	9.33	3.75	0.98	0.80	0.44	0.26		
20	0.50	11.88	9.84	1.90	11.54	7.31	7.80	4.05	0.98	0.74	0.44	0.26		
21	0.50	8.99	6.81	2.23	8.48	7.14	7.47	4.67	0.98	0.68	0.44	0.26		
22	0.44	6.98	3.75	3.15	7.31	5.66	7.14	3.75	0.80	0.68	0.44	0.23		
23	0.44	5.00	2.12	3.45	29.15	4.35	6.48	3.30	0.74	0.68	0.44	0.23		
24	0.44	3.75	1.66	3.75	32.35	3.90	5.66	3.00	0.74	0.68	0.38	0.20		
25	0.44	3.75	1.34	11.20	31.28	3.60	4.83	3.00	0.68	0.68	0.38	0.20		
26	0.62	9.50	2.23	11.20	27.05	3.30	4.50	3.00	0.68	0.68	0.35	0.20		
27	2.34	9.33	19.72	6.81	16.04	10.52	4.50	2.89	0.68	0.74	0.35	0.20		
28	3.60	5.49	34.95	4.05	11.54	12.22	4.50	2.89	0.68	0.86	0.35	0.20		
29	8.82	5.66	15.50	2.78	9.67	10.52	4.20	2.89	0.62	1.26	0.35	0.20		
30	5.99	21.62	8.82	2.45	10.18	9.50	4.20	2.78	0.62	1.34		0.23		
31		12.22		5.33	9.16		4.20		0.68	1.10		0.23		
Total	30.54	264.83	199.80	109.58	418.72	285.42	256.44	202.42	37.59	25.32	30.94	9.17	1870.77	CMSDAY
Mean	1.02	8.54	6.66	3.53	13.51	9.51	8.27	6.75	1.21	0.82	1.07	0.30	5.11	CMS
Max	8.82	21.62	34.95	11.20	41.25	25.60	17.48	31.28	2.56	1.34	7.31	0.38	41.25	CMS
Min	0.20	1.50	1.34	1.26	2.34	3.30	4.20	2.78	0.62	0.68	0.35	0.20	0.20	CMS
Runoff	2.64	22.88	17.26	9.47	36.18	24.66	22.16	17.49	3.25	2.19	2.67	0.79	161.63	MCM
Momentary Peak	55.75	CMS	at 412.47 m. (MSL.)	at 11.00 Hours	on Aug 18, 2007									
Runoff Yield	9.39	Liters/Second/Square KM.			Momentary Peak Yield	102.11	Liters/Second/Square KM.							

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Tun at Ban Luang, Chiang Mai (P.64)

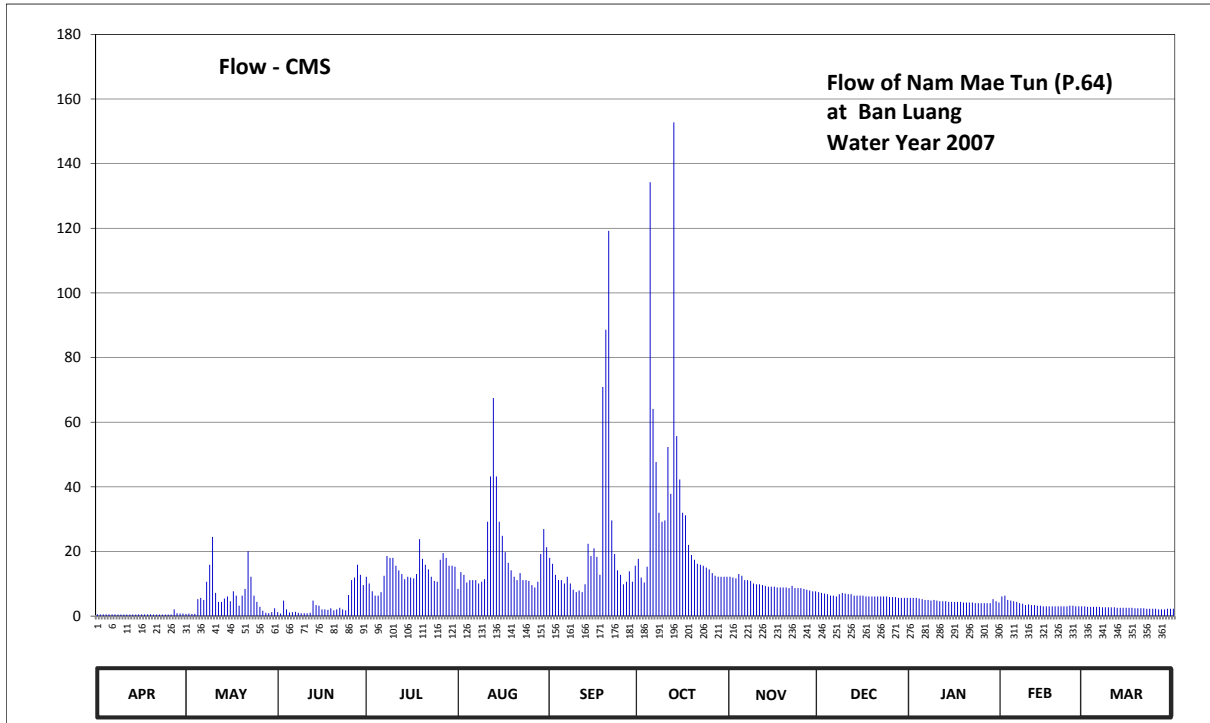
Lat 17 - 46 - 56 N Long 98 - 22 - 29 E

Location : on righth bank at the bridge on Highway.

	Ban Luang	Amphoe Omkoi	Changwat Chiang Mai
Drainage Area	502 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+787.355 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 35.00 meters from the top staff gage.	Elevation	+796.355 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	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 fair. Stage-discharge relation defined by 7 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	787.68	787.71	787.77	788.30	788.15	788.50	788.49	788.30	788.11	788.03	788.05	787.90	
2	787.68	787.72	787.72	788.22	788.35	788.44	788.29	788.29	788.10	788.03	788.06	787.89	
3	787.68	787.71	787.99	788.12	788.32	788.32	788.23	788.28	788.09	788.03	788.00	787.89	
4	787.68	787.71	787.84	788.06	788.23	788.26	788.41	788.33	788.08	788.02	787.99	787.89	
5	787.68	788.01	787.76	788.06	788.26	788.26	790.67	788.31	788.06	788.01	787.98	787.89	
6	787.68	788.03	787.77	788.11	788.26	788.22	789.59	788.26	788.06	788.00	787.97	787.89	
7	787.68	788.00	787.78	788.31	788.26	788.30	789.26	788.26	788.05	788.00	787.95	787.88	
8	787.67	788.24	787.75	788.52	788.22	788.22	788.90	788.25	788.08	787.99	787.94	787.88	
9	787.67	788.43	787.73	788.50	788.24	788.14	788.83	788.22	788.10	788.00	787.92	787.88	
10	787.67	788.70	787.73	788.50	788.27	788.11	788.84	788.21	788.09	787.99	787.93	787.88	
11	787.67	788.10	787.73	788.42	788.83	788.13	789.36	788.21	788.08	787.98	787.92	787.88	
12	787.67	787.97	787.75	788.37	789.16	788.11	789.04	788.20	788.08	787.98	787.92	787.87	
13	787.67	787.97	787.99	788.33	789.65	788.21	790.91	788.19	788.06	787.98	787.91	787.87	
14	787.67	788.02	787.92	788.27	789.16	788.64	789.43	788.18	788.06	787.97	787.91	787.87	
15	787.68	788.05	787.91	788.30	788.83	788.52	789.14	788.18	788.06	787.97	787.90	787.87	
16	787.68	787.98	787.84	788.29	788.71	788.60	788.90	788.18	788.06	787.97	787.90	787.87	
17	787.68	788.12	787.84	788.28	788.56	788.51	788.88	788.17	788.05	787.97	787.90	787.87	
18	787.68	788.06	787.83	788.33	788.45	788.32	788.63	788.17	788.05	787.97	787.90	787.86	
19	787.68	787.91	787.86	788.68	788.37	789.71	788.53	788.17	788.05	787.96	787.90	787.86	
20	787.67	788.06	787.82	788.49	788.30	790.01	788.48	788.17	788.05	787.96	787.90	787.86	
21	787.67	788.15	787.84	788.43	788.26	790.46	788.44	788.16	788.05	787.96	787.90	787.86	
22	787.66	788.57	787.87	788.38	788.34	788.84	788.43	788.19	788.05	787.96	787.90	787.85	
23	787.66	788.30	787.84	788.30	788.26	788.54	788.42	788.16	788.05	787.95	787.90	787.85	
24	787.66	788.06	787.82	788.25	788.26	788.37	788.40	788.16	788.05	787.95	787.91	787.85	
25	787.66	787.97	788.07	788.24	788.25	788.32	788.38	788.16	788.04	787.95	787.91	787.85	
26	787.66	787.89	788.26	788.48	788.20	788.21	788.34	788.15	788.04	787.95	787.90	787.84	
27	787.84	787.81	788.29	788.55	788.17	788.24	788.31	788.14	788.04	787.95	787.90	787.84	
28	787.73	787.75	788.43	788.50	788.24	788.36	788.30	788.13	788.03	787.95	787.90	787.84	
29	787.72	787.73	788.32	788.42	788.54	788.24	788.30	788.12	788.03	788.01	787.90	787.85	
30	787.72	787.77	788.20	788.42	788.77	788.42	788.30	788.12	788.03	788.03	787.98	787.85	
31		787.86		788.41	788.61		788.30		788.03	787.96		787.85	
Mean	787.68	788.01	787.91	788.35	788.47	788.52	788.80	788.20	788.06	787.98	787.93	787.87	
Max	787.84	788.70	788.43	788.68	789.65	790.46	790.91	788.33	788.11	788.03	788.06	787.90	790.91
Min	787.66	787.71	787.72	788.06	788.15	788.11	788.23	788.12	788.03	787.95	787.90	787.84	787.66
Annual Max Momentary Gage Height	792.50		m. (MSL.) ,				at 23.00 Hours ,						
Zero Gage at Bottom Elevation	787.36		m. (MSL.) ,			River Bed	787.09		m. (MSL.)				
Left Bank Elevation	793.42		m. (MSL.) ,										
Right Bank Elevation	793.55		m. (MSL.) ,			Drainage Are	502		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.54	0.69	1.23	12.20	8.40	18.00	17.70	12.20	7.44	5.66	6.10	3.00	
2	0.54	0.78	0.78	10.12	13.60	16.20	11.94	11.94	7.20	5.66	6.32	2.85	
3	0.54	0.69	4.80	7.68	12.76	12.76	10.38	11.68	6.98	5.66	5.00	2.85	
4	0.54	0.69	2.10	6.32	10.38	11.16	15.30	13.04	6.76	5.44	4.80	2.85	
5	0.54	5.22	1.14	6.32	11.16	11.16	134.25	12.48	6.32	5.22	4.60	2.85	
6	0.54	5.66	1.23	7.44	11.16	10.12	64.10	11.16	6.32	5.00	4.40	2.85	
7	0.54	5.00	1.32	12.48	11.16	12.20	47.70	11.16	6.10	5.00	4.00	2.70	
8	0.51	10.64	1.05	18.60	10.12	10.12	32.00	10.90	6.76	4.80	3.80	2.70	
9	0.51	15.90	0.87	18.00	10.64	8.16	29.20	10.12	7.20	5.00	3.40	2.70	
10	0.51	24.50	0.87	18.00	11.42	7.44	29.60	9.86	6.98	4.80	3.60	2.70	
11	0.51	7.20	0.87	15.60	29.20	7.92	52.35	9.86	6.76	4.60	3.40	2.70	
12	0.51	4.40	1.05	14.16	43.20	7.44	37.80	9.60	6.76	4.60	3.40	2.55	
13	0.51	4.40	4.80	13.04	67.50	9.86	152.80	9.36	6.32	4.60	3.20	2.55	
14	0.51	5.44	3.40	11.42	43.20	22.40	55.68	9.12	6.32	4.40	3.20	2.55	
15	0.54	6.10	3.20	12.20	29.20	18.60	42.30	9.12	6.32	4.40	3.00	2.55	
16	0.54	4.60	2.10	11.94	24.85	21.00	32.00	9.12	6.32	4.40	3.00	2.55	
17	0.54	7.68	2.10	11.68	19.80	18.30	31.20	8.88	6.10	4.40	3.00	2.55	
18	0.54	6.32	1.95	13.04	16.50	12.76	22.05	8.88	6.10	4.40	3.00	2.40	
19	0.54	3.20	2.40	23.80	14.16	70.90	18.90	8.88	6.10	4.20	3.00	2.40	
20	0.51	6.32	1.80	17.70	12.20	88.60	17.40	8.88	6.10	4.20	3.00	2.40	
21	0.51	8.40	2.10	15.90	11.16	119.20	16.20	8.64	6.10	4.20	3.00	2.40	
22	0.48	20.10	2.55	14.44	13.32	29.60	15.90	9.36	6.10	4.20	3.00	2.25	
23	0.48	12.20	2.10	12.20	11.16	19.20	15.60	8.64	6.10	4.00	3.00	2.25	
24	0.48	6.32	1.80	10.90	11.16	14.16	15.00	8.64	6.10	4.00	3.20	2.25	
25	0.48	4.40	6.54	10.64	10.90	12.76	14.44	8.64	5.88	4.00	3.20	2.25	
26	0.48	2.85	11.16	17.40	9.60	9.86	13.32	8.40	5.88	4.00	3.00	2.10	
27	2.10	1.65	11.94	19.50	8.88	10.64	12.48	8.16	5.88	4.00	3.00	2.10	
28	0.87	1.05	15.90	18.00	10.64	13.88	12.20	7.92	5.66	4.00	3.00	2.10	
29	0.78	0.87	12.76	15.60	19.20	10.64	12.20	7.68	5.66	5.22	3.00	2.25	
30	0.78	1.23	9.60	15.60	26.95	15.60	12.20	7.68	5.66	4.60		2.25	
31		2.40		15.30	21.35		12.20		5.66	4.20		2.25	
Total	18.00	186.90	115.51	427.22	564.93	650.64	1006.39	290.00	195.94	142.86	104.62	77.70	3780.71 CMSDAY
Mean	0.60	6.03	3.85	13.78	18.22	21.69	32.46	9.67	6.32	4.61	3.61	2.51	10.33 CMS
Max	2.10	24.50	15.90	23.80	67.50	119.20	152.80	13.04	7.44	5.66	6.32	3.00	152.80 CMS
Min	0.48	0.69	0.78	6.32	8.40	7.44	10.38	7.68	5.66	4.00	3.00	2.10	0.48 CMS
Runoff	1.56	16.15	9.98	36.91	48.81	56.22	86.95	25.06	16.93	12.34	9.04	6.71	326.65 MCM
Momentary Peak	290.00	CMS.	at 792.50 m. (MSL).	at 23.00 Hours	, on Sep 20, 2007								
Runoff Yield	20.63	Liters/Second/Square KM.		Momentary Peak Yield	577.69	Liters/Second/Square KM.							

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Teang at Ban Muang Pog, Chiang Mai (P.65)

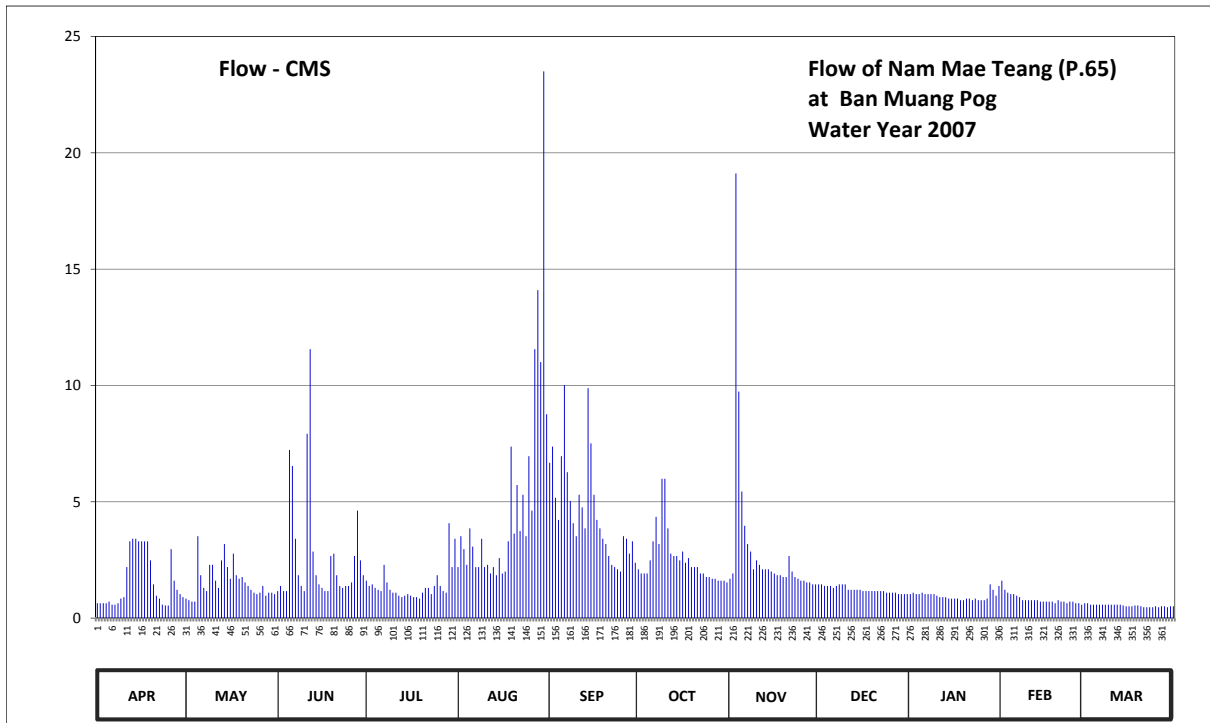
Lat 19 - 38 - 10 N Long 98 - 38 - 19 E

Location : On left bank at Ban Muang Pog.

	Ban Muang Pog	Amphoe Wiang Haeng	Changwat Chiang Mai
Drainage Area	243 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+740.406 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+744.530 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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	741.51	741.54	741.59	741.65	741.72	742.09	741.71	741.66	741.63	741.57	741.65	741.51	
2	741.51	741.53	741.62	741.62	741.85	742.14	741.69	741.69	741.63	741.58	741.60	741.51	
3	741.51	741.52	741.59	741.63	741.80	741.98	741.69	742.94	741.62	741.57	741.58	741.50	
4	741.51	741.52	741.59	741.61	741.73	741.91	741.69	742.31	741.62	741.57	741.57	741.50	
5	741.52	741.85	742.13	741.60	741.88	742.11	741.75	742.00	741.62	741.58	741.57	741.50	
6	741.50	741.68	742.08	741.59	741.81	742.33	741.83	741.89	741.61	741.57	741.56	741.50	
7	741.50	741.61	741.84	741.73	741.72	742.06	741.92	741.82	741.62	741.57	741.55	741.50	
8	741.51	741.59	741.68	741.64	741.72	741.97	741.82	741.79	741.63	741.57	741.53	741.50	
9	741.54	741.73	741.62	741.60	741.84	741.90	742.04	741.71	741.63	741.57	741.53	741.50	
10	741.55	741.73	741.59	741.58	741.72	741.85	742.04	741.75	741.63	741.56	741.53	741.50	
11	741.72	741.65	742.18	741.58	741.73	741.99	741.88	741.73	741.60	741.55	741.53	741.50	
12	741.83	741.61	742.44	741.56	741.69	741.95	741.78	741.71	741.60	741.55	741.53	741.50	
13	741.84	741.75	741.79	741.55	741.72	741.88	741.77	741.71	741.60	741.55	741.53	741.50	
14	741.84	741.82	741.68	741.56	741.68	742.32	741.77	741.71	741.60	741.54	741.52	741.49	
15	741.83	741.72	741.63	741.57	741.76	742.15	741.75	741.70	741.60	741.54	741.52	741.48	
16	741.83	741.66	741.61	741.56	741.69	741.99	741.79	741.69	741.59	741.54	741.52	741.48	
17	741.83	741.78	741.59	741.55	741.70	741.91	741.74	741.68	741.59	741.54	741.52	741.48	
18	741.83	741.68	741.59	741.55	741.83	741.88	741.76	741.68	741.59	741.53	741.52	741.49	
19	741.75	741.66	741.77	741.54	742.14	741.84	741.72	741.67	741.59	741.53	741.51	741.49	
20	741.63	741.67	741.78	741.58	741.86	741.82	741.72	741.67	741.59	741.54	741.53	741.48	
21	741.56	741.64	741.68	741.61	742.02	741.77	741.72	741.77	741.59	741.54	741.52	741.47	
22	741.54	741.62	741.62	741.61	741.87	741.73	741.69	741.70	741.59	741.53	741.52	741.47	
23	741.50	741.60	741.61	741.57	741.99	741.72	741.69	741.67	741.59	741.54	741.51	741.47	
24	741.49	741.58	741.62	741.62	741.85	741.71	741.67	741.66	741.58	741.53	741.52	741.47	
25	741.49	741.57	741.62	741.68	742.11	741.70	741.67	741.65	741.58	741.53	741.52	741.48	
26	741.80	741.58	741.64	741.62	741.94	741.85	741.66	741.65	741.58	741.53	741.51	741.47	
27	741.65	741.62	741.77	741.59	742.44	741.84	741.66	741.64	741.58	741.54	741.51	741.48	
28	741.60	741.56	741.94	741.58	742.62	741.78	741.65	741.64	741.57	741.63	741.50	741.48	
29	741.57	741.58	741.75	741.90	742.40	741.83	741.65	741.63	741.57	741.60	741.51	741.47	
30	741.55	741.58	741.68	741.72	743.20	741.74	741.65	741.63	741.57	741.56	741.56	741.48	
31		741.57		741.84	742.24		741.64		741.57	741.62		741.48	
Mean	741.63	741.64	741.74	741.62	741.94	741.92	741.75	741.77	741.60	741.56	741.54	741.49	
Max	741.84	741.85	742.44	741.90	743.20	742.33	742.04	742.94	741.63	741.63	741.65	741.51	743.20
Min	741.49	741.52	741.59	741.54	741.68	741.70	741.64	741.63	741.57	741.53	741.50	741.47	741.47
Annual Max Momentary Gage Height	743.52		m. (MSL.) ,				at 10.00 Hours ,						on Aug 30 , 2007
Zero Gage at Bottom Elevation	740.41		m. (MSL.) ,				River Bed 740.72		m. (MSL.)				
Left Bank Elevation		745.47		m. (MSL.) ,									
Right Bank Elevation		745.46		m. (MSL.) ,		Drainage Are	243		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.64	0.84	1.16	1.61	2.19	6.68	2.10	1.69	1.45	1.03	1.61	0.64	
2	0.64	0.77	1.38	1.38	3.52	7.37	1.92	1.92	1.45	1.09	1.22	0.64	
3	0.64	0.71	1.16	1.45	2.96	5.17	1.92	19.11	1.38	1.03	1.09	0.58	
4	0.64	0.71	1.16	1.30	2.29	4.22	1.92	9.74	1.38	1.03	1.03	0.58	
5	0.71	3.52	7.23	1.22	3.86	6.96	2.48	5.44	1.38	1.09	1.03	0.58	
6	0.58	1.84	6.54	1.16	3.07	10.02	3.30	3.97	1.30	1.03	0.96	0.58	
7	0.58	1.30	3.41	2.29	2.19	6.27	4.35	3.18	1.38	1.03	0.90	0.58	
8	0.64	1.16	1.84	1.53	2.19	5.03	3.18	2.86	1.45	1.03	0.77	0.58	
9	0.84	2.29	1.38	1.22	3.41	4.08	5.99	2.10	1.45	1.03	0.77	0.58	
10	0.90	2.29	1.16	1.09	2.19	3.52	5.99	2.48	1.45	0.96	0.77	0.58	
11	2.19	1.61	7.92	1.09	2.29	5.30	3.86	2.29	1.22	0.90	0.77	0.58	
12	3.30	1.30	11.56	0.96	1.92	4.76	2.77	2.10	1.22	0.90	0.77	0.58	
13	3.41	2.48	2.86	0.90	2.19	3.86	2.67	2.10	1.22	0.90	0.77	0.58	
14	3.41	3.18	1.84	0.96	1.84	9.88	2.67	2.10	1.22	0.84	0.71	0.54	
15	3.30	2.19	1.45	1.03	2.58	7.51	2.48	2.00	1.22	0.84	0.71	0.51	
16	3.30	1.69	1.30	0.96	1.92	5.30	2.86	1.92	1.16	0.84	0.71	0.51	
17	3.30	2.77	1.16	0.90	2.00	4.22	2.38	1.84	1.16	0.84	0.71	0.51	
18	3.30	1.84	1.16	0.90	3.30	3.86	2.58	1.84	1.16	0.77	0.71	0.54	
19	2.48	1.69	2.67	0.84	7.37	3.41	2.19	1.77	1.16	0.77	0.64	0.54	
20	1.45	1.77	2.77	1.09	3.63	3.18	2.19	1.77	1.16	0.84	0.77	0.51	
21	0.96	1.53	1.84	1.30	5.72	2.67	2.19	2.67	1.16	0.84	0.71	0.47	
22	0.84	1.38	1.38	1.30	3.74	2.29	1.92	2.00	1.16	0.77	0.71	0.47	
23	0.58	1.22	1.30	1.03	5.30	2.19	1.92	1.77	1.16	0.84	0.64	0.47	
24	0.54	1.09	1.38	1.38	3.52	2.10	1.77	1.69	1.09	0.77	0.71	0.47	
25	0.54	1.03	1.38	1.84	6.96	2.00	1.77	1.61	1.09	0.77	0.71	0.51	
26	2.96	1.09	1.53	1.38	4.62	3.52	1.69	1.61	1.09	0.77	0.64	0.47	
27	1.61	1.38	2.67	1.16	11.56	3.41	1.69	1.53	1.09	0.84	0.64	0.51	
28	1.22	0.96	4.62	1.09	14.10	2.77	1.61	1.53	1.03	1.45	0.58	0.51	
29	1.03	1.09	2.48	4.08	11.00	3.30	1.61	1.45	1.03	1.22	0.64	0.47	
30	0.90	1.09	1.84	2.19	23.50	2.38	1.61	1.45	1.03	0.96		0.51	
31		1.03		3.41	8.76		1.53		1.03	1.38		0.51	
Total	47.43	48.84	81.53	44.04	155.69	137.23	79.11	89.53	37.93	29.40	23.40	16.69	790.82 CMSDAY
Mean	1.58	1.58	2.72	1.42	5.02	4.57	2.55	2.98	1.22	0.95	0.81	0.54	2.16 CMS
Max	3.41	3.52	11.56	4.08	23.50	10.02	5.99	19.11	1.45	1.45	1.61	0.64	23.50 CMS
Min	0.54	0.71	1.16	0.84	1.84	2.00	1.53	1.45	1.03	0.77	0.58	0.47	0.47 CMS
Runoff	4.10	4.22	7.04	3.81	13.45	11.86	6.84	7.74	3.28	2.54	2.02	1.44	68.33 MCM
Momentary Peak	29.25	CMS. at 743.52 m. (MSL.) at 10.00 Hours , on Aug 30, 2007											
Runoff Yield	8.92	Liters/Second/Square KM. Momentary Peak Yield 120.37 Liters/Second/Square KM.											

WATER YEAR : 2007

PING RIVER BASIN

Ping River at Ban Mae Tae , Chiang Mai (P.67)

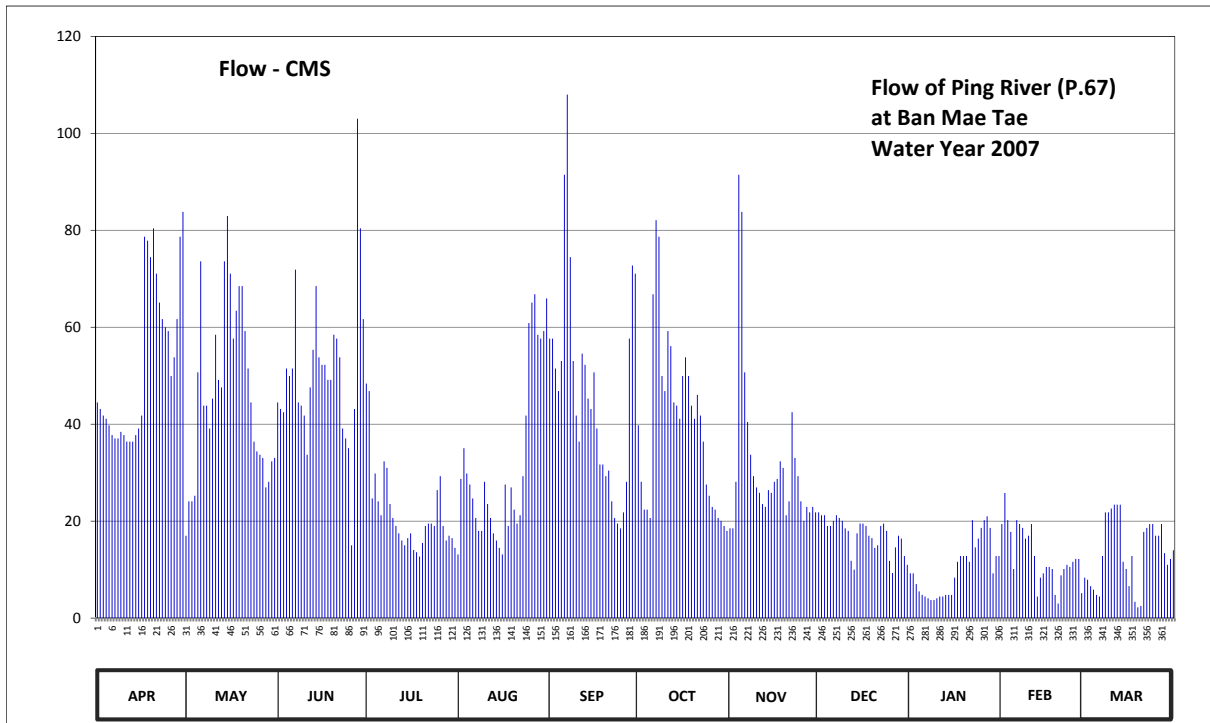
Lat 19 - 01 - 11 N Long 98 - 57 - 43 E

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	Water - stage recorder.		
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	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 with variable water surface slope.		
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 36 discharge measurements made in 2007.		

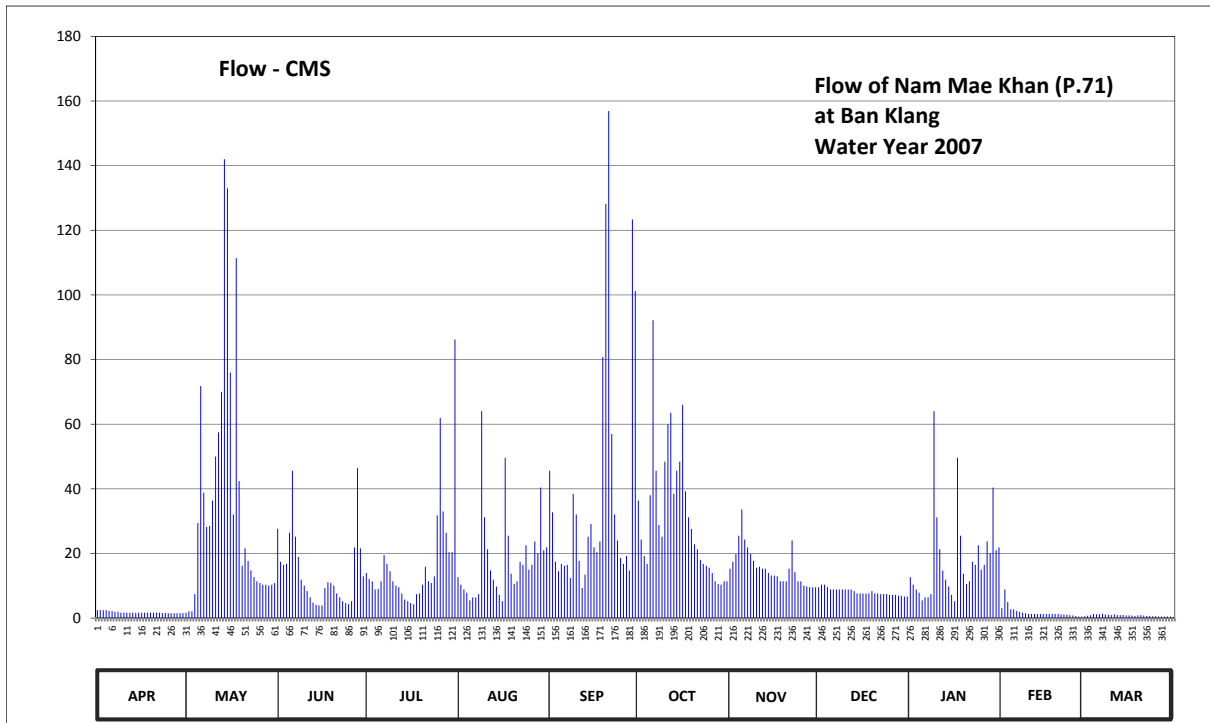
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	317.00	316.55	317.00	317.05	316.47	317.17	316.93	316.58	316.64	316.26	316.43	316.24	
2	316.98	316.68	316.98	317.03	316.76	317.17	316.75	316.58	316.63	316.26	316.51	316.23	
3	316.96	316.68	316.97	316.69	316.86	317.09	316.65	316.75	316.63	316.21	316.44	316.20	
4	316.95	316.70	317.09	316.78	316.78	317.03	316.65	317.57	316.59	316.17	316.41	316.18	
5	316.93	317.08	317.07	316.68	316.74	317.11	316.62	317.48	316.59	316.15	316.28	316.15	
6	316.90	317.36	317.09	316.63	316.69	317.57	317.28	317.08	316.61	316.14	316.44	316.14	
7	316.89	316.99	317.34	316.82	316.62	317.74	317.46	316.94	316.63	316.13	316.43	316.33	
8	316.89	316.99	317.00	316.80	316.57	317.37	317.42	316.84	316.62	316.12	316.42	316.46	
9	316.91	316.92	316.99	316.67	316.57	317.11	317.07	316.77	316.61	316.12	316.39	316.46	
10	316.90	317.01	316.96	316.62	316.75	316.96	317.03	316.73	316.58	316.13	316.40	316.47	
11	316.88	317.18	316.84	316.59	316.67	316.88	317.19	316.71	316.57	316.14	316.43	316.48	
12	316.88	317.06	317.04	316.56	316.62	317.13	317.15	316.67	316.44	316.14	316.33	316.48	
13	316.88	317.04	317.14	316.53	316.56	317.10	317.00	316.66	316.40	316.15	316.14	316.48	
14	316.90	317.36	317.30	316.51	316.53	317.01	316.99	316.72	316.56	316.15	316.24	316.31	
15	316.92	317.47	317.12	316.54	316.50	316.98	316.95	316.71	316.60	316.15	316.26	316.28	
16	316.96	317.33	317.10	316.56	316.47	317.08	317.07	316.75	316.60	316.24	316.29	316.20	
17	317.42	317.17	317.10	316.49	316.74	316.92	317.12	316.76	316.59	316.31	316.29	316.33	
18	317.41	317.24	317.06	316.48	316.59	316.81	317.07	316.82	316.55	316.33	316.28	316.11	
19	317.37	317.30	317.06	316.46	316.73	316.81	316.99	316.80	316.54	316.33	316.15	316.05	
20	317.44	317.30	317.18	316.52	316.65	316.77	316.95	316.63	316.50	316.33	316.10	316.07	
21	317.33	317.19	317.17	316.59	316.60	316.79	317.02	316.68	316.51	316.31	316.25	316.41	
22	317.26	317.09	317.12	316.60	316.63	316.68	316.96	316.97	316.59	316.44	316.28	316.42	
23	317.22	317.00	316.92	316.60	316.77	316.62	316.88	316.83	316.60	316.36	316.30	316.43	
24	317.20	316.88	316.89	316.59	316.96	316.60	316.74	316.77	316.57	316.39	316.29	316.43	
25	317.19	316.85	316.86	316.72	317.21	316.58	316.70	316.68	316.44	316.42	316.31	316.40	
26	317.07	316.84	316.51	316.77	317.26	316.64	316.66	316.61	316.38	316.44	316.32	316.40	
27	317.12	316.83	316.98	316.59	317.28	316.75	316.65	316.66	316.36	316.45	316.32	316.43	
28	317.22	316.73	317.69	316.53	317.18	317.17	316.62	316.64	316.40	316.42	316.16	316.34	
29	317.42	316.75	317.44	316.55	317.17	317.35	316.61	316.66	316.39	316.26	316.17	316.30	
30	317.48	316.82	317.22	316.54	317.19	317.33	316.59	316.64	316.33	316.33	316.33	316.32	
31		316.83		316.50	317.27		316.57		316.30	316.33		316.35	
Mean	317.10	317.01	317.07	316.63	316.79	317.01	316.91	316.79	316.53	316.26	316.31	316.32	
Max	317.48	317.47	317.69	317.05	317.28	317.74	317.46	317.57	316.64	316.45	316.51	316.48	317.74
Min	316.88	316.55	316.51	316.46	316.47	316.58	316.57	316.58	316.30	316.12	316.10	316.05	316.05
Annual Max Momentary Gage Height	317.82		m. (MSL.) ,			at 15.00 Hours ,		on Jun 28, 2007					
Zero Gage at Bottom Elevation	315.93		m. (MSL.) ,			River Bed	314.87	m. (MSL.)					
Left Bank Elevation		326.32		m. (MSL.) ,									
Right Bank Elevation		326.20		m. (MSL.) ,		Drainage Are	5,323	Square Kilometers					



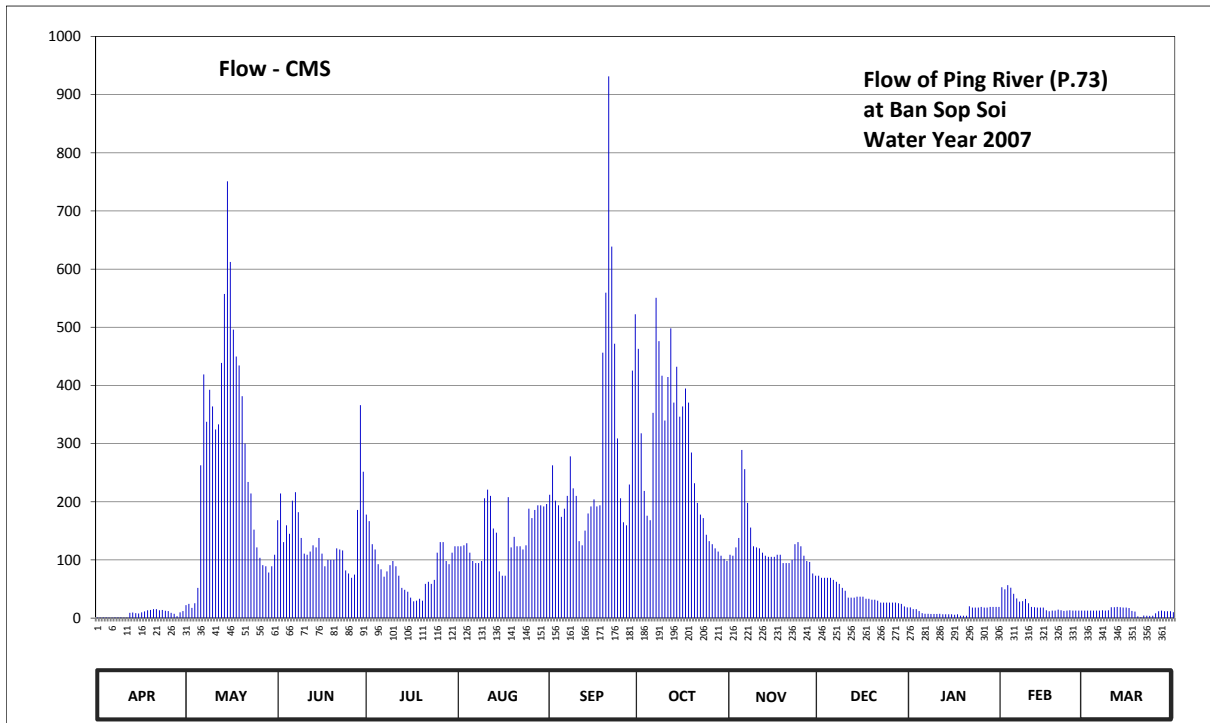
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	44.50	17.00	44.50	48.38	13.15	57.67	39.78	18.50	21.80	9.24	19.40	8.36		
2	43.15	24.10	43.15	46.83	28.70	57.67	28.13	18.50	21.23	9.24	25.80	7.92		
3	41.80	24.10	42.48	24.68	35.05	51.48	22.38	28.13	21.23	7.04	20.20	6.60		
4	41.13	25.25	51.48	29.85	29.85	46.83	22.38	91.45	19.00	5.52	17.80	5.88		
5	39.78	50.70	49.93	24.10	27.55	53.03	20.65	83.80	19.00	4.80	10.12	4.80		
6	37.75	73.60	51.48	21.23	24.68	91.45	66.80	50.70	20.08	4.44	20.20	4.44		
7	37.08	43.83	71.90	32.35	20.65	108.00	82.10	40.45	21.23	4.08	19.40	12.80		
8	37.08	43.83	44.50	31.00	18.00	74.45	78.70	33.70	20.65	3.72	18.60	21.80		
9	38.43	39.10	43.83	23.53	18.00	53.03	49.93	29.28	20.08	3.72	16.40	21.80		
10	37.75	45.28	41.80	20.65	28.13	41.80	46.83	26.98	18.50	4.08	17.00	22.60		
11	36.40	58.45	33.70	19.00	23.53	36.40	59.22	25.83	18.00	4.44	19.40	23.40		
12	36.40	49.15	47.60	17.50	20.65	54.57	56.12	23.53	11.80	4.44	12.80	23.40		
13	36.40	47.60	55.35	16.00	17.50	52.25	44.50	22.95	10.00	4.80	4.44	23.40		
14	37.75	73.60	68.50	15.00	16.00	45.28	43.83	26.40	17.50	4.80	8.36	11.60		
15	39.10	82.95	53.80	16.50	14.50	43.15	41.13	25.83	19.50	4.80	9.24	10.12		
16	41.80	71.05	52.25	17.50	13.15	50.70	49.93	28.13	19.50	8.36	10.56	6.60		
17	78.70	57.67	52.25	14.05	27.55	39.10	53.80	28.70	19.00	11.60	10.56	12.80		
18	77.85	63.40	49.15	13.60	19.00	31.68	49.93	32.35	17.00	12.80	10.12	3.36		
19	74.45	68.50	49.15	12.70	26.98	31.68	43.83	31.00	16.50	12.80	4.80	2.20		
20	80.40	68.50	58.45	15.50	22.38	29.28	41.13	21.23	14.50	12.80	3.00	2.52		
21	71.05	59.22	57.67	19.00	19.50	30.43	46.05	24.10	15.00	11.60	8.80	17.80		
22	65.10	51.48	53.80	19.50	21.23	24.10	41.80	42.48	19.00	20.20	10.12	18.60		
23	61.70	44.50	39.10	19.50	29.28	20.65	36.40	33.03	19.50	14.60	11.00	19.40		
24	60.00	36.40	37.08	19.00	41.80	19.50	27.55	29.28	18.00	16.40	10.56	19.40		
25	59.22	34.38	35.05	26.40	60.85	18.50	25.25	24.10	11.80	18.60	11.60	17.00		
26	49.93	33.70	15.00	29.28	65.10	21.80	22.95	20.08	9.32	20.20	12.20	17.00		
27	53.80	33.03	43.15	19.00	66.80	28.13	22.38	22.95	14.60	21.00	12.20	19.40		
28	61.70	26.98	103.00	16.00	58.45	57.67	20.65	21.80	17.00	18.60	5.16	13.40		
29	78.70	28.13	80.40	17.00	57.67	72.75	20.08	22.95	16.40	9.24	5.52	11.00		
30	83.80	32.35	61.70	16.50	59.22	71.05	19.00	21.80	12.80	12.80		12.20		
31		33.03		14.50	65.95		18.00		11.00	12.80		14.00		
Total	1582.70	1440.86	1531.20	675.63	990.85	1414.08	1241.21	950.01	530.52	313.56	365.36	415.60	11451.58	CMSDAY
Mean	52.76	46.48	51.04	21.79	31.96	47.14	40.04	31.67	17.11	10.11	12.60	13.41	31.29	CMS
Max	83.80	82.95	103.00	48.38	66.80	108.00	82.10	91.45	21.80	21.00	25.80	23.40	108.00	CMS
Min	36.40	17.00	15.00	12.70	13.15	18.50	18.00	18.50	9.32	3.72	3.00	2.20	2.20	CMS
Runoff	136.75	124.49	132.30	58.37	85.61	122.18	107.24	82.08	45.84	27.09	31.57	35.91	989.42	MCM
Momentary Peak		116.10	CMS.	at 317.82 m. (MSL.) at 15.00 Hours , on Jun 28, 2007										
Runoff Yield		5.89	Liters/Second/Square KM.		Momentary Peak Yield		21.81	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.48	1.68	27.60	13.96	12.66	45.60	36.40	15.30	9.56	12.66	3.08	0.60		
2	2.48	2.12	17.40	12.14	10.32	32.70	24.30	17.40	10.32	10.32	8.84	0.72		
3	2.48	2.12	16.50	11.36	8.84	17.40	19.20	19.80	10.32	8.84	5.00	0.90		
4	2.48	7.40	16.80	8.84	7.88	14.48	16.80	25.50	9.56	7.88	2.72	1.28		
5	2.24	29.40	26.40	9.08	5.48	16.80	38.00	33.60	8.84	5.48	2.72	1.20		
6	2.24	71.80	45.60	11.36	6.44	16.20	92.20	24.30	8.84	6.44	2.24	1.20		
7	2.00	38.80	25.20	19.50	6.44	16.50	45.60	21.90	8.84	6.44	1.92	1.36		
8	2.00	28.20	18.90	16.80	7.40	12.40	28.80	19.80	8.84	7.40	1.68	1.08		
9	1.68	28.50	11.88	14.48	64.00	38.40	25.20	17.70	8.84	64.00	1.52	1.08		
10	1.68	36.40	10.06	11.36	31.20	32.10	48.40	15.60	8.84	31.20	1.28	0.96		
11	1.68	50.00	8.36	10.06	21.30	17.70	60.00	15.90	8.84	21.30	1.28	1.20		
12	1.68	57.50	6.44	9.56	14.74	9.32	63.50	15.30	8.84	14.74	1.28	0.96		
13	1.68	70.00	4.82	7.64	11.88	13.44	38.40	15.30	8.36	11.88	1.28	0.96		
14	1.68	142.00	4.10	5.72	9.80	25.20	45.60	13.96	7.64	9.80	1.28	0.96		
15	1.68	133.00	3.92	5.24	7.16	29.10	48.40	13.18	7.64	7.16	1.28	0.84		
16	1.68	76.00	3.92	4.64	5.24	21.90	66.00	13.18	7.64	5.24	1.28	0.84		
17	1.68	32.10	9.32	4.28	49.60	20.40	39.20	12.92	7.64	49.60	1.28	0.78		
18	1.68	111.40	11.10	7.40	25.50	23.70	31.20	11.36	7.64	25.50	1.28	0.66		
19	1.68	42.40	10.84	7.64	13.70	80.80	27.60	11.36	8.36	13.70	1.28	0.84		
20	1.68	16.20	10.06	10.32	10.58	128.20	22.80	11.36	7.64	10.58	1.28	0.96		
21	1.68	21.60	7.64	15.90	11.36	156.90	21.30	15.30	7.64	11.36	1.14	0.78		
22	1.68	17.70	6.44	11.36	17.40	57.00	18.00	24.00	7.40	17.40	1.14	0.66		
23	1.60	14.74	5.24	10.84	16.50	32.10	16.80	14.22	7.40	16.50	1.08	0.66		
24	1.60	12.66	4.64	12.92	22.50	24.00	16.20	11.36	7.40	22.50	0.96	0.60		
25	1.52	11.36	4.28	31.80	15.00	18.60	15.60	11.36	7.16	15.00	0.84	0.60		
26	1.52	10.84	5.24	62.00	16.50	16.80	13.96	10.06	7.16	16.50	0.66	0.48		
27	1.52	10.32	21.90	33.00	23.70	19.20	11.36	9.80	7.16	23.70	0.48	0.48		
28	1.52	10.32	46.40	26.40	20.10	14.74	10.58	9.56	6.92	20.10	0.48	0.48		
29	1.52	10.06	21.60	20.40	40.40	123.40	10.32	9.56	6.92	40.40	0.48	0.48		
30	1.52	10.32	12.92	20.40	21.00	101.20	11.36	9.56	6.68	21.00	0.48	0.48		
31	1.52	10.84		86.20	21.90		11.36		6.68	21.90		0.36		
Total	54.24	1117.78	425.52	532.60	556.52	1176.28	974.44	469.50	251.56	556.52	51.06	25.44	6191.46	CMSDAY
Mean	1.81	36.06	14.18	17.18	17.95	39.21	31.43	15.65	8.11	17.95	1.76	0.82	16.92	CMS
Max	2.48	142.00	46.40	86.20	64.00	156.90	92.20	33.60	10.32	64.00	8.84	1.36	156.90	CMS
Min	1.52	1.68	3.92	4.28	5.24	9.32	10.32	9.56	6.68	5.24	0.48	0.36	0.36	CMS
Runoff	4.69	96.58	36.76	46.02	48.08	101.63	84.19	40.56	21.73	48.08	4.41	2.20	534.94	MCM
Momentary Peak	187.70	CMS.	at 288.71 m. (MSL.) at 06.00 Hours , on Sep 21, 2007											
Runoff Yield	9.65	Liters/Second/Square KM.		Momentary Peak Yield		106.77	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.92	22.30	168.40	178.00	123.40	212.00	462.80	109.00	73.00	18.30	53.10	12.93	
2	0.92	24.50	214.20	166.60	123.40	262.60	317.60	107.20	69.40	15.50	49.50	12.93	
3	0.96	17.60	130.60	127.00	125.20	202.00	218.60	121.60	69.40	15.50	56.70	12.93	
4	0.96	25.60	159.40	118.00	128.80	194.00	176.00	137.80	69.40	12.00	52.20	12.93	
5	0.92	52.10	145.00	92.80	112.60	174.00	168.40	289.00	69.40	8.50	41.80	12.93	
6	0.92	262.60	202.00	83.80	98.20	188.00	352.80	256.00	65.80	7.50	33.80	12.93	
7	0.96	418.80	216.40	71.20	94.60	210.00	550.80	198.00	62.30	7.50	28.30	13.47	
8	0.96	337.40	182.00	80.20	94.60	278.00	476.00	155.80	58.90	7.00	29.00	12.93	
9	1.00	392.40	137.80	91.00	98.20	223.00	416.60	123.40	52.10	7.00	33.00	13.47	
10	0.88	363.80	110.80	98.20	206.00	210.00	339.60	121.60	47.00	7.00	25.50	18.80	
11	0.68	324.20	109.00	89.20	220.80	132.40	414.40	119.80	35.10	7.50	19.33	18.80	
12	9.00	333.00	114.40	73.00	210.00	125.20	498.00	112.60	35.10	6.60	18.80	19.33	
13	9.50	438.60	125.20	52.10	154.00	150.40	370.40	107.20	35.10	6.60	18.27	18.80	
14	8.50	557.40	121.60	48.70	146.80	180.00	432.00	105.40	36.80	6.60	18.27	18.27	
15	8.00	751.00	137.80	45.30	80.20	192.00	346.20	105.40	36.80	6.60	18.27	18.27	
16	10.00	612.40	110.80	35.10	73.00	204.00	363.80	105.40	36.80	5.80	13.47	17.20	
17	11.50	495.80	89.20	28.90	73.00	192.00	394.60	109.00	33.40	6.60	11.87	12.40	
18	13.40	449.60	100.00	30.00	208.00	194.00	370.40	109.00	33.40	4.20	12.93	11.33	
19	14.10	434.20	100.00	33.40	121.60	456.20	284.60	94.60	31.70	4.20	12.93	3.00	
20	15.50	381.40	100.00	30.00	139.60	559.60	231.80	94.60	31.70	4.20	14.53	1.50	
21	15.50	300.00	119.80	58.90	123.40	931.40	198.00	94.60	30.00	20.40	13.47	4.50	
22	13.40	234.00	118.00	62.30	123.40	638.80	178.00	100.00	26.70	18.27	12.40	4.20	
23	14.10	214.20	116.20	58.90	118.00	471.60	172.00	127.00	26.70	18.27	12.93	3.90	
24	12.70	152.20	82.00	65.80	125.20	308.80	143.20	130.60	26.70	18.27	13.47	4.20	
25	12.00	121.60	76.60	112.60	188.00	206.00	132.40	123.40	26.70	19.33	12.93	8.13	
26	9.00	103.60	69.40	130.60	172.00	164.80	127.00	107.20	26.70	18.27	12.93	11.87	
27	7.50	91.00	74.80	130.60	186.00	159.40	119.80	98.20	26.70	18.27	12.93	12.93	
28	3.40	89.20	186.00	98.20	194.00	229.60	114.40	96.40	25.60	19.33	12.93	11.87	
29	10.00	78.40	366.00	92.80	194.00	425.40	107.20	76.60	24.50	19.33	12.93	11.87	
30	12.00	89.20	251.60	112.60	192.00	522.20	101.80	73.00	20.10	19.33		11.87	
31		109.00		123.40	196.00		98.20		18.30	19.33		10.27	
Total	219.18	8277.10	4235.00	2619.20	4444.00	8597.40	8677.40	3709.40	1261.30	373.10	678.49	370.76	43462.33 CMSDAY
Mean	7.31	267.00	141.17	84.49	143.35	286.58	279.92	123.65	40.69	12.04	23.40	11.96	118.75 CMS
Max	15.50	751.00	366.00	178.00	220.80	931.40	550.80	289.00	73.00	20.40	56.70	19.33	931.40 CMS
Min	0.68	17.60	69.40	28.90	73.00	125.20	98.20	73.00	18.30	4.20	11.87	1.50	0.68 CMS
Runoff	18.94	715.14	365.90	226.30	383.96	742.82	749.73	320.49	108.98	32.24	58.62	32.03	3755.15 MCM
Momentary Peak	944.60 CMS. at 266.03 m. (MSL.) at 09.00 Hours , on Sep 21, 2007												
Runoff Yield	8.04 Liters/Second/Square KM.			Momentary Peak Yield				63.76 Liters/Second/Square KM.					

WATER YEAR : 2007

PING RIVER BASIN

Ping River at Ban Cho Lae , Chiang Mai (P.75)

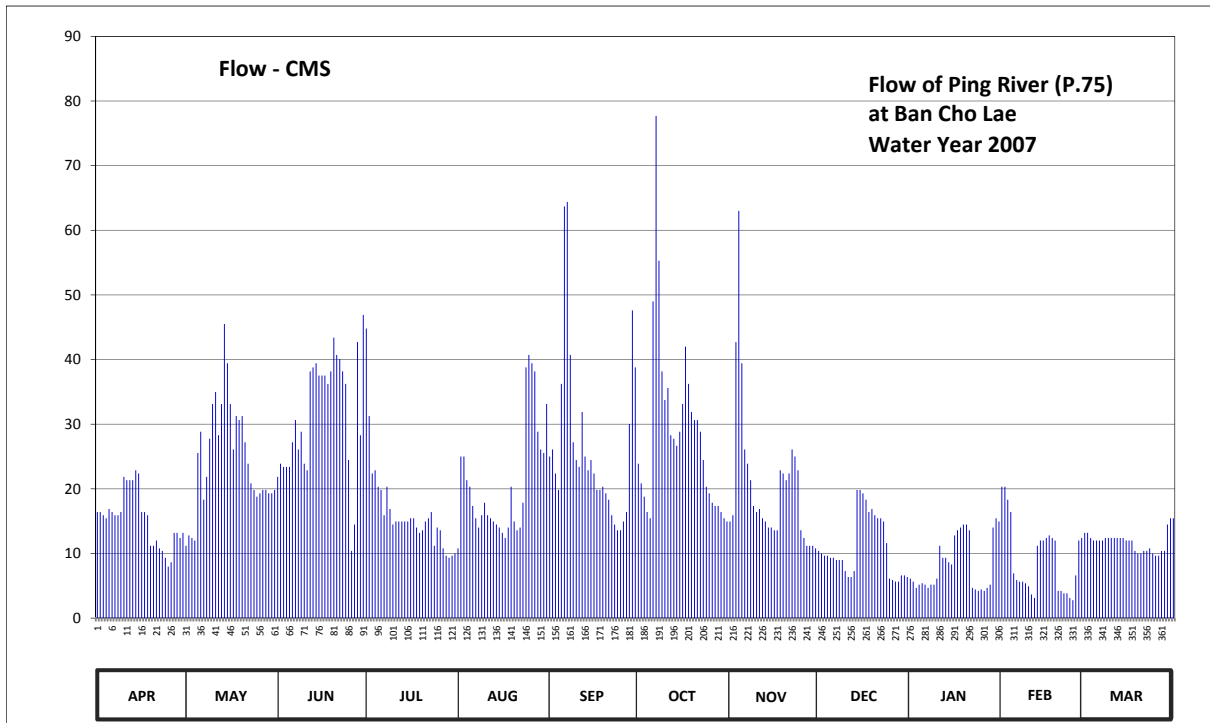
Lat 19 - 08 - 58 N Long 99 - 00 - 43 E

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 by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. This station is situated about 3 kilometers downstream from Mae Ngat Dam. Stage-discharge relation defined by 37 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	338.45	338.33	338.56	338.94	338.32	338.62	338.60	338.42	338.31	338.18	338.53	338.38	
2	338.45	338.37	338.60	338.73	338.62	338.64	338.54	338.44	338.30	338.16	338.53	338.38	
3	338.44	338.36	338.59	338.57	338.62	338.57	338.50	338.91	338.29	338.12	338.49	338.36	
4	338.43	338.35	338.59	338.58	338.55	338.52	338.45	339.20	338.29	338.14	338.45	338.35	
5	338.46	338.63	338.59	338.53	338.53	338.81	338.43	338.86	338.28	338.15	338.21	338.35	
6	338.45	338.69	338.66	338.52	338.47	339.21	339.00	338.64	338.28	338.14	338.17	338.35	
7	338.44	338.49	338.72	338.44	338.43	339.22	339.41	338.60	338.27	338.12	338.16	338.35	
8	338.44	338.56	338.64	338.53	338.40	338.88	339.09	338.55	338.27	338.14	338.16	338.36	
9	338.45	338.67	338.69	338.46	338.44	338.66	338.84	338.47	338.27	338.14	338.15	338.36	
10	338.56	338.76	338.60	338.41	338.48	338.61	338.77	338.45	338.22	338.18	338.13	338.36	
11	338.55	338.79	338.58	338.42	338.44	338.59	338.80	338.46	338.19	338.33	338.07	338.36	
12	338.55	338.68	338.84	338.42	338.43	338.74	338.68	338.43	338.19	338.28	338.04	338.36	
13	338.55	338.76	338.85	338.42	338.42	338.62	338.67	338.42	338.22	338.28	338.33	338.36	
14	338.58	338.95	338.86	338.42	338.41	338.58	338.65	338.40	338.52	338.26	338.35	338.36	
15	338.57	338.86	338.83	338.42	338.40	338.61	338.69	338.40	338.52	338.25	338.35	338.35	
16	338.45	338.76	338.83	338.43	338.38	338.57	338.76	338.39	338.51	338.37	338.36	338.35	
17	338.45	338.64	338.83	338.43	338.36	338.52	338.90	338.39	338.49	338.39	338.37	338.35	
18	338.44	338.73	338.81	338.40	338.40	338.52	338.81	338.58	338.45	338.40	338.36	338.31	
19	338.33	338.72	338.84	338.38	338.53	338.53	338.74	338.57	338.46	338.41	338.35	338.30	
20	338.33	338.73	338.92	338.39	338.42	338.51	338.72	338.55	338.44	338.41	338.10	338.30	
21	338.35	338.66	338.88	338.42	338.39	338.49	338.72	338.57	338.43	338.39	338.10	338.31	
22	338.32	338.60	338.87	338.43	338.40	338.44	338.69	338.64	338.43	338.12	338.08	338.31	
23	338.31	338.54	338.84	338.45	338.48	338.41	338.61	338.62	338.42	338.11	338.08	338.32	
24	338.28	338.52	338.81	338.33	338.85	338.39	338.53	338.58	338.34	338.10	338.04	338.30	
25	338.24	338.50	338.61	338.40	338.88	338.39	338.51	338.39	338.18	338.11	338.02	338.29	
26	338.26	338.51	338.31	338.39	338.86	338.42	338.48	338.36	338.17	338.10	338.20	338.29	
27	338.38	338.52	338.41	338.32	338.84	338.45	338.47	338.33	338.16	338.12	338.35	338.31	
28	338.38	338.52	338.91	338.29	338.69	338.71	338.47	338.33	338.16	338.14	338.36	338.31	
29	338.36	338.51	338.68	338.28	338.64	338.98	338.45	338.33	338.20	338.40	338.36	338.41	
30	338.38	338.51	338.97	338.29	338.63	338.85	338.43	338.32	338.20	338.43	338.43	338.43	
31		338.52		338.30	338.76		338.42		338.19	338.42		338.43	
Mean	338.42	338.60	338.72	338.44	338.53	338.64	338.67	338.52	338.31	338.24	338.25	338.35	
Max	338.58	338.95	338.97	338.94	338.88	339.22	339.41	339.20	338.52	338.43	338.53	338.43	339.41
Min	338.24	338.33	338.31	338.28	338.32	338.39	338.42	338.32	338.16	338.10	338.02	338.29	338.02
Annual Max Momentary Gage Height	339.52		m. (MSL.) ,			at 18.00 Hours ,		on Oct 7, 2007					
Zero Gage at Bottom Elevation	337.60		m. (MSL.) ,			River Bed	336.15	m. (MSL.)					
Left Bank Elevation		345.11		m. (MSL.) ,									
Right Bank Elevation		345.13		m. (MSL.) ,		Drainage Are	3,088	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	16.40	11.20	21.86	44.80	10.80	25.00	23.90	14.96	10.40	6.12	20.33	13.20	
2	16.40	12.80	23.90	31.26	25.00	26.10	20.84	15.92	10.00	5.64	20.33	13.20	
3	15.92	12.40	23.39	22.37	25.00	22.37	18.80	42.70	9.66	4.68	18.32	12.40	
4	15.44	12.00	23.39	22.88	21.35	19.82	16.40	63.00	9.66	5.16	16.40	12.00	
5	16.88	25.55	23.39	20.33	20.33	36.24	15.44	39.44	9.32	5.40	6.94	12.00	
6	16.40	28.85	27.20	19.82	17.36	63.70	49.00	26.10	9.32	5.16	5.88	12.00	
7	15.92	18.32	30.64	15.92	15.44	64.40	77.70	23.90	8.98	4.68	5.64	12.00	
8	15.92	21.86	26.10	20.33	14.00	40.72	55.30	21.35	8.98	5.16	5.64	12.40	
9	16.40	27.75	28.85	16.88	15.92	27.20	38.16	17.36	8.98	5.16	5.40	12.40	
10	21.86	33.12	23.90	14.48	17.84	24.45	33.74	16.40	7.28	6.12	4.92	12.40	
11	21.35	34.98	22.88	14.96	15.92	23.39	35.60	16.88	6.36	11.20	3.66	12.40	
12	21.35	28.30	38.16	14.96	15.44	31.88	28.30	15.44	6.36	9.32	3.12	12.40	
13	21.35	33.12	38.80	14.96	14.96	25.00	27.75	14.96	7.28	9.32	11.20	12.40	
14	22.88	45.50	39.44	14.96	14.48	22.88	26.65	14.00	19.82	8.64	12.00	12.40	
15	22.37	39.44	37.52	14.96	14.00	24.45	28.85	14.00	19.82	8.30	12.00	12.00	
16	16.40	33.12	37.52	15.44	13.20	22.37	33.12	13.60	19.31	12.80	12.40	12.00	
17	16.40	26.10	37.52	15.44	12.40	19.82	42.00	13.60	18.32	13.60	12.80	12.00	
18	15.92	31.26	36.24	14.00	14.00	19.82	36.24	22.88	16.40	14.00	12.40	10.40	
19	11.20	30.64	38.16	13.20	20.33	20.33	31.88	22.37	16.88	14.48	12.00	10.00	
20	11.20	31.26	43.40	13.60	14.96	19.31	30.64	21.35	15.92	14.48	4.20	10.00	
21	12.00	27.20	40.72	14.96	13.60	18.32	30.64	22.37	15.44	13.60	4.20	10.40	
22	10.80	23.90	40.08	15.44	14.00	15.92	28.85	26.10	15.44	4.68	3.84	10.40	
23	10.40	20.84	38.16	16.40	17.84	14.48	24.45	25.00	14.96	4.44	3.84	10.80	
24	9.32	19.82	36.24	11.20	38.80	13.60	20.33	22.88	11.60	4.20	3.12	10.00	
25	7.96	18.80	24.45	14.00	40.72	13.60	19.31	13.60	6.12	4.44	2.76	9.66	
26	8.64	19.31	10.40	13.60	39.44	14.96	17.84	12.40	5.88	4.20	6.60	9.66	
27	13.20	19.82	14.48	10.80	38.16	16.40	17.36	11.20	5.64	4.68	12.00	10.40	
28	13.20	19.82	42.70	9.66	28.85	30.02	17.36	11.20	5.64	5.16	12.40	10.40	
29	12.40	19.31	28.30	9.32	26.10	47.60	16.40	11.20	6.60	14.00	12.40	14.48	
30	13.20	19.31	46.90	9.66	25.55	38.80	15.44	10.80	6.60	15.44		15.44	
31		19.82		10.00	33.12		14.96		6.36	14.96		15.44	
Total	459.08	765.52	944.69	510.59	648.91	802.95	893.25	616.96	339.33	259.22	266.74	367.08	6874.32 CMSDAY
Mean	15.30	24.69	31.49	16.47	20.93	26.77	28.81	20.57	10.95	8.36	9.20	11.84	18.78 CMS
Max	22.88	45.50	46.90	44.80	40.72	64.40	77.70	63.00	19.82	15.44	20.33	15.44	77.70 CMS
Min	7.96	11.20	10.40	9.32	10.80	13.60	14.96	10.80	5.64	4.20	2.76	9.66	2.76 CMS
Runoff	39.66	66.14	81.62	44.11	56.07	69.37	77.18	53.31	29.32	22.40	23.05	31.72	593.94 MCM
Momentary Peak	85.40	CMS.	CMS.	at 339.52 m. (MSL.)	at 18.00 Hours								on Oct 7, 2007
Runoff Yield	6.10	Liters/Second/Square KM.			Momentary Peak Yield	27.66	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Li at Ban Mae E - Hai , Lamphun (P.76)

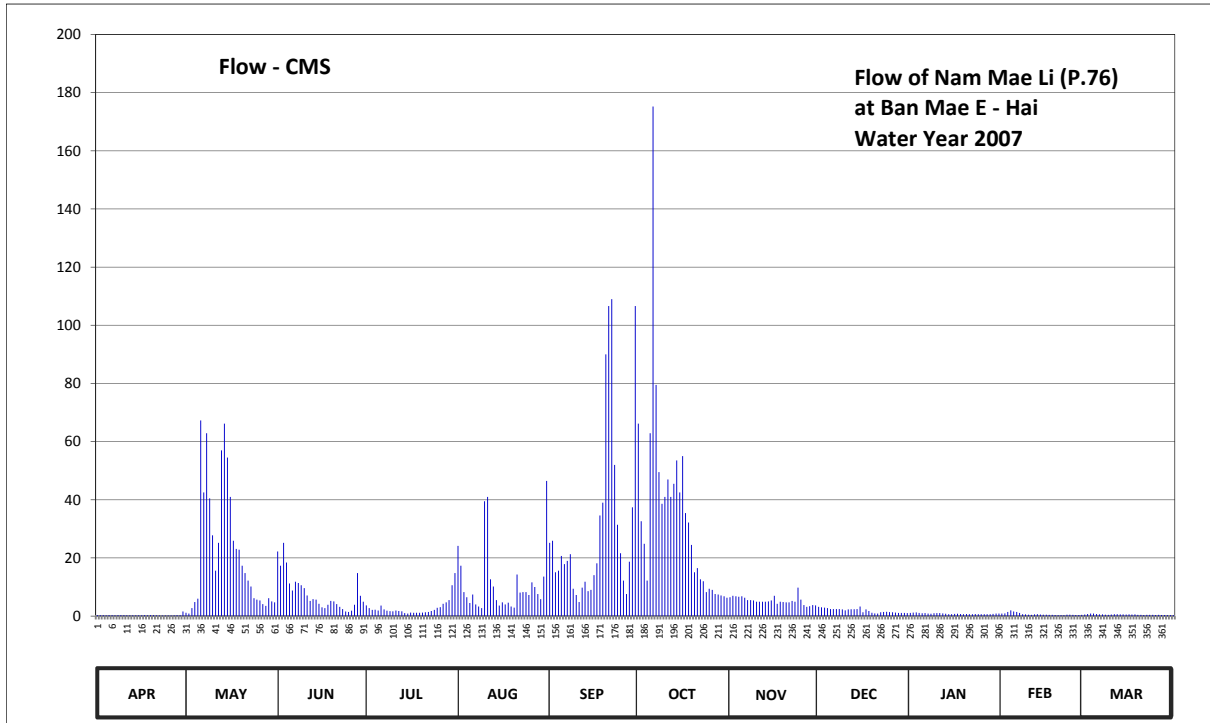
Lat 18 - 08 - 23 N Long 98 - 53 - 58 E

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.	
Type of Gage	Staff gage.		
Zero Gage at Bottom	+363.617 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 15 meters from the top staff gage.		Elevation +370.937 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. Stage-discharge relation defined by 75 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	364.21	364.43	365.66	364.77	365.72	365.75	366.63	364.98	364.72	364.42	364.37	364.31	
2	364.21	364.38	365.49	364.67	365.49	365.77	365.94	365.01	364.70	364.44	364.39	364.34	
3	364.20	364.67	365.75	364.59	365.09	365.41	365.74	365.00	364.69	364.45	364.48	364.37	
4	364.19	364.87	365.53	364.60	364.98	365.43	365.29	364.99	364.67	364.42	364.57	364.37	
5	364.20	364.95	365.24	364.56	364.84	365.61	366.57	365.00	364.63	364.40	364.51	364.34	
6	364.20	366.65	365.12	364.76	365.04	365.51	367.92	364.97	364.63	364.41	364.49	364.32	
7	364.19	366.17	365.27	364.61	364.80	365.55	366.85	364.92	364.63	364.37	364.42	364.32	
8	364.20	366.57	365.25	364.55	364.73	365.63	366.31	364.92	364.63	364.36	364.33	364.30	
9	364.20	366.13	365.21	364.53	364.67	365.15	366.09	364.91	364.61	364.40	364.32	364.28	
10	364.20	365.82	365.16	364.52	366.11	365.03	366.14	364.88	364.57	364.41	364.29	364.31	
11	364.19	365.43	365.02	364.56	366.14	364.87	366.26	364.88	364.61	364.41	364.27	364.33	
12	364.19	365.75	364.90	364.54	365.31	365.17	366.14	364.88	364.62	364.39	364.32	364.33	
13	364.19	366.46	364.94	364.52	365.19	365.27	366.23	364.88	364.62	364.36	364.33	364.32	
14	364.19	366.63	364.93	364.41	364.92	365.11	366.39	364.89	364.63	364.33	364.31	364.32	
15	364.19	366.41	364.82	364.38	364.76	365.13	366.17	364.91	364.73	364.33	364.29	364.31	
16	364.19	366.14	364.70	364.44	364.86	365.37	366.42	365.01	364.46	364.35	364.29	364.32	
17	364.20	365.77	364.67	364.43	364.80	365.52	366.01	364.82	364.61	364.36	364.28	364.31	
18	364.18	365.69	364.79	364.43	364.85	365.99	365.93	364.88	364.54	364.34	364.26	364.32	
19	364.21	365.68	364.90	364.43	364.73	366.10	365.73	364.87	364.43	364.33	364.23	364.27	
20	364.22	365.49	364.89	364.44	364.69	367.00	365.41	364.86	364.39	364.34	364.22	364.26	
21	364.19	365.40	364.81	364.46	365.38	367.22	365.46	364.86	364.37	364.33	364.21	364.25	
22	364.17	365.29	364.72	364.49	365.08	367.25	365.31	364.90	364.46	364.33	364.22	364.27	
23	364.16	365.19	364.63	364.54	365.09	366.36	365.28	364.88	364.48	364.34	364.29	364.26	
24	364.16	364.96	364.51	364.59	365.09	365.91	365.09	365.17	364.50	364.33	364.29	364.27	
25	364.17	364.93	364.49	364.68	365.03	365.64	365.15	364.93	364.47	364.33	364.27	364.25	
26	364.16	364.91	364.55	364.71	365.26	365.29	365.13	364.78	364.46	364.33	364.24	364.26	
27	364.19	364.81	364.79	364.82	365.18	365.05	365.05	364.72	364.44	364.33	364.25	364.25	
28	364.22	364.75	365.40	364.86	365.05	365.54	365.04	364.74	364.42	364.33	364.26	364.23	
29	364.22	364.96	365.01	364.92	364.94	366.06	365.02	364.78	364.42	364.35	364.29	364.21	
30	364.51	364.89	364.88	365.21	365.35	367.22	365.00	364.77	364.42	364.37	364.21	364.21	
31		364.86		365.40	366.25		364.97		364.41	364.37		364.22	
Mean	364.20	365.45	365.00	364.63	365.14	365.73	365.83	364.90	364.55	364.37	364.32	364.29	
Max	364.51	366.65	365.75	365.40	366.25	367.25	367.92	365.17	364.73	364.45	364.57	364.37	367.92
Min	364.16	364.38	364.49	364.38	364.67	364.87	364.97	364.72	364.37	364.33	364.21	364.21	364.16
Annual Max Momentary Gage Height	368.04		m. (MSL.) ,				at 17.00 Hours ,						
Zero Gage at Bottom Elevation	363.62		m. (MSL.) ,			River Bed	362.77		m. (MSL.)				
Left Bank Elevation		371.48		m. (MSL.) ,									
Right Bank Elevation		371.46		m. (MSL.) ,		Drainage Are	1,544		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	1.15	22.20	3.70	24.12	25.20	66.15	6.48	3.20	1.10	0.85	0.55	
2	0.32	0.90	17.32	2.76	17.32	25.92	32.60	6.96	3.00	1.20	0.95	0.70	
3	0.30	2.76	25.20	2.13	8.24	15.08	24.84	6.80	2.92	1.25	1.40	0.85	
4	0.28	4.84	18.44	2.20	6.48	15.64	12.20	6.64	2.76	1.10	1.99	0.85	
5	0.30	6.00	11.20	1.92	4.48	20.70	62.85	6.80	2.44	1.00	1.57	0.70	
6	0.30	67.25	8.80	3.60	7.44	17.88	175.20	6.32	2.44	1.05	1.45	0.60	
7	0.28	42.50	11.80	2.28	4.00	19.00	79.50	5.52	2.44	0.85	1.10	0.60	
8	0.30	62.85	11.40	1.85	3.30	21.30	49.50	5.52	2.44	0.80	0.65	0.50	
9	0.30	40.50	10.60	1.71	2.76	9.40	38.60	5.36	2.28	1.00	0.60	0.46	
10	0.30	27.80	9.60	1.64	39.50	7.28	41.00	4.96	1.99	1.05	0.48	0.55	
11	0.28	15.64	7.12	1.92	41.00	4.84	47.00	4.96	2.28	1.05	0.44	0.65	
12	0.28	25.20	5.20	1.78	12.64	9.80	41.00	4.96	2.36	0.95	0.60	0.65	
13	0.28	57.00	5.84	1.64	10.20	11.80	45.50	4.96	2.36	0.80	0.65	0.60	
14	0.28	66.15	5.68	1.05	5.52	8.60	53.50	5.08	2.44	0.65	0.55	0.60	
15	0.28	54.50	4.24	0.90	3.60	9.00	42.50	5.36	3.30	0.65	0.48	0.55	
16	0.28	41.00	3.00	1.20	4.72	14.08	55.00	6.96	1.30	0.75	0.48	0.60	
17	0.30	25.92	2.76	1.15	4.00	18.16	35.40	4.24	2.28	0.80	0.46	0.55	
18	0.26	23.10	3.90	1.15	4.60	34.60	32.20	4.96	1.78	0.70	0.42	0.60	
19	0.32	22.80	5.20	1.15	3.30	39.00	24.48	4.84	1.15	0.65	0.36	0.44	
20	0.34	17.32	5.08	1.20	2.92	90.00	15.08	4.72	0.95	0.70	0.34	0.42	
21	0.28	14.80	4.12	1.30	14.32	106.60	16.48	4.72	0.85	0.65	0.32	0.40	
22	0.24	12.20	3.20	1.45	8.08	109.00	12.64	5.20	1.30	0.65	0.34	0.44	
23	0.22	10.20	2.44	1.78	8.24	52.00	12.00	4.96	1.40	0.70	0.48	0.42	
24	0.22	6.16	1.57	2.13	8.24	31.40	8.24	9.80	1.50	0.65	0.48	0.44	
25	0.24	5.68	1.45	2.84	7.28	21.60	9.40	5.68	1.35	0.65	0.44	0.40	
26	0.22	5.36	1.85	3.10	11.60	12.20	9.00	3.80	1.30	0.65	0.38	0.42	
27	0.28	4.12	3.90	4.24	10.00	7.60	7.60	3.20	1.20	0.65	0.40	0.40	
28	0.34	3.50	14.80	4.72	7.60	18.72	7.44	3.40	1.10	0.65	0.42	0.36	
29	0.34	6.16	6.96	5.52	5.84	37.40	7.12	3.80	1.10	0.75	0.48	0.32	
30	1.57	5.08	4.96	10.60	13.60	106.60	6.80	3.70	1.10	0.85		0.32	
31		4.72		14.80	46.50		6.32		1.05	0.85		0.34	
Total	9.85	683.16	239.83	89.41	351.44	920.40	1077.14	160.66	59.36	25.80	19.56	16.28	3652.89 CMSDAY
Mean	0.33	22.04	7.99	2.88	11.34	30.68	34.75	5.36	1.91	0.83	0.67	0.53	9.98 CMS
Max	1.57	67.25	25.20	14.80	46.50	109.00	175.20	9.80	3.30	1.25	1.99	0.85	175.20 CMS
Min	0.22	0.90	1.45	0.90	2.76	4.84	6.32	3.20	0.85	0.65	0.32	0.32	0.22 CMS
Runoff	0.85	59.03	20.72	7.73	30.36	79.52	93.06	13.88	5.13	2.23	1.69	1.41	315.61 MCM
Momentary Peak	188.80 CMS. at 368.04 m. (MSL.) at 17.00 Hours , on Oct 6, 2007												
Runoff Yield	6.48 Liters/Second/Square KM.			Momentary Peak Yield			122.28 Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Tha at Ban Sop Mae Sapuad , Lamphun (P.77)

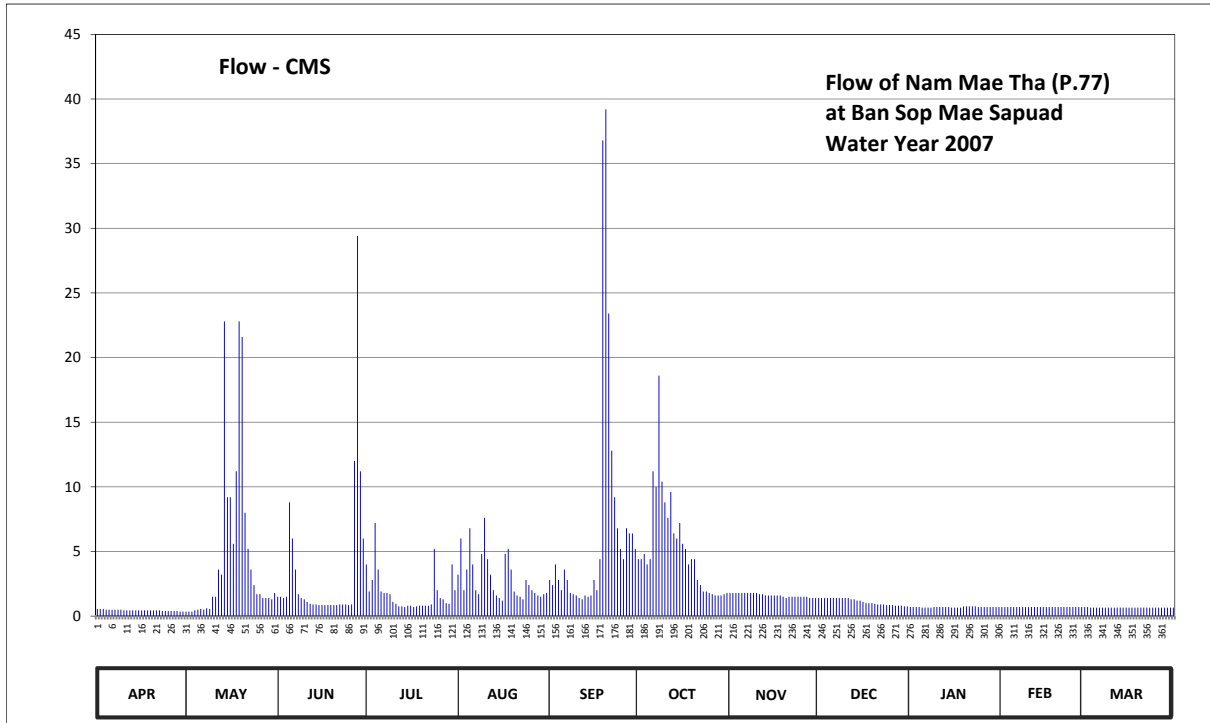
Lat 18 - 25 - 57 N Long 99 - 05 - 02 E

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	Staff gage.		
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	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 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	365.51	365.47	365.65	365.75	365.73	365.72	365.76	365.68	365.64	365.54	365.54	365.54	
2	365.51	365.47	365.65	365.69	365.80	365.71	365.76	365.68	365.64	365.54	365.54	365.54	
3	365.51	365.47	365.64	365.72	365.70	365.75	365.77	365.68	365.64	365.54	365.54	365.53	
4	365.50	365.49	365.65	365.83	365.74	365.72	365.75	365.68	365.64	365.54	365.54	365.53	
5	365.50	365.50	365.87	365.74	365.82	365.70	365.76	365.68	365.64	365.53	365.54	365.53	
6	365.50	365.51	365.80	365.69	365.75	365.74	365.93	365.68	365.64	365.53	365.54	365.53	
7	365.50	365.50	365.74	365.68	365.70	365.72	365.90	365.68	365.64	365.53	365.54	365.53	
8	365.50	365.52	365.67	365.68	365.67	365.68	366.11	365.68	365.64	365.53	365.54	365.53	
9	365.50	365.51	365.64	365.67	365.77	365.67	365.91	365.68	365.64	365.54	365.54	365.53	
10	365.49	365.65	365.63	365.61	365.84	365.66	365.87	365.68	365.64	365.54	365.54	365.53	
11	365.49	365.65	365.61	365.59	365.76	365.64	365.84	365.67	365.64	365.54	365.54	365.53	
12	365.49	365.74	365.59	365.55	365.73	365.63	365.89	365.67	365.63	365.54	365.54	365.53	
13	365.49	365.73	365.58	365.55	365.70	365.66	365.81	365.66	365.63	365.54	365.54	365.53	
14	365.49	366.18	365.58	365.54	365.66	365.65	365.80	365.66	365.62	365.54	365.54	365.53	
15	365.49	365.88	365.57	365.56	365.64	365.66	365.83	365.66	365.62	365.53	365.54	365.53	
16	365.49	365.88	365.57	365.56	365.62	365.72	365.79	365.66	365.61	365.53	365.54	365.53	
17	365.49	365.79	365.57	365.54	365.77	365.70	365.78	365.66	365.60	365.53	365.54	365.53	
18	365.49	365.93	365.57	365.55	365.78	365.76	365.75	365.66	365.60	365.53	365.54	365.53	
19	365.49	366.18	365.57	365.56	365.74	366.41	365.76	365.65	365.60	365.55	365.54	365.53	
20	365.49	366.16	365.57	365.56	365.69	366.44	365.76	365.64	365.59	365.55	365.54	365.53	
21	365.49	365.85	365.57	365.56	365.66	366.19	365.72	365.65	365.58	365.55	365.54	365.53	
22	365.49	365.78	365.58	365.56	365.65	365.97	365.71	365.65	365.58	365.55	365.54	365.53	
23	365.48	365.74	365.58	365.58	365.63	365.88	365.69	365.65	365.58	365.55	365.54	365.53	
24	365.48	365.71	365.58	365.78	365.72	365.82	365.69	365.65	365.57	365.54	365.54	365.53	
25	365.48	365.67	365.57	365.70	365.71	365.78	365.68	365.65	365.57	365.54	365.54	365.53	
26	365.48	365.67	365.58	365.64	365.70	365.76	365.67	365.65	365.57	365.54	365.54	365.53	
27	365.48	365.64	365.95	365.63	365.68	365.82	365.66	365.65	365.56	365.54	365.54	365.53	
28	365.48	365.64	366.29	365.60	365.66	365.81	365.66	365.64	365.56	365.54	365.54	365.53	
29	365.47	365.64	365.93	365.59	365.65	365.81	365.66	365.64	365.56	365.54	365.54	365.53	
30	365.47	365.63	365.80	365.75	365.67	365.78	365.67	365.64	365.55	365.54	365.54	365.53	
31		365.68		365.70	365.68		365.68		365.55	365.54		365.53	
Mean	365.49	365.71	365.67	365.64	365.71	365.80	365.77	365.66	365.61	365.54	365.54	365.53	
Max	365.51	366.18	366.29	365.83	365.84	366.44	366.11	365.68	365.64	365.55	365.54	365.54	366.44
Min	365.47	365.47	365.57	365.54	365.62	365.63	365.66	365.64	365.55	365.53	365.54	365.53	365.47
Annual Max Momentary Gage Height	366.81		m. (MSL.) ,			at 12.00 Hours ,	on Sep 20, 2007						
Zero Gage at Bottom Elevation	364.38		m. (MSL.) ,			River Bed	365.37	m. (MSL.)					
Left Bank Elevation		370.12		m. (MSL.) ,									
Right Bank Elevation		374.21		m. (MSL.) ,		Drainage Are	550	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.55	0.35	1.50	4.00	3.20	2.80	4.40	1.80	1.40	0.70	0.70	0.70	
2	0.55	0.35	1.50	1.90	6.00	2.40	4.40	1.80	1.40	0.70	0.70	0.70	
3	0.55	0.35	1.40	2.80	2.00	4.00	4.80	1.80	1.40	0.70	0.70	0.65	
4	0.50	0.45	1.50	7.20	3.60	2.80	4.00	1.80	1.40	0.70	0.70	0.65	
5	0.50	0.50	8.80	3.60	6.80	2.00	4.40	1.80	1.40	0.65	0.70	0.65	
6	0.50	0.55	6.00	1.90	4.00	3.60	11.20	1.80	1.40	0.65	0.70	0.65	
7	0.50	0.50	3.60	1.80	2.00	2.80	10.00	1.80	1.40	0.65	0.70	0.65	
8	0.50	0.60	1.70	1.80	1.70	1.80	18.60	1.80	1.40	0.65	0.70	0.65	
9	0.50	0.55	1.40	1.70	4.80	1.70	10.40	1.80	1.40	0.70	0.70	0.65	
10	0.45	1.50	1.30	1.10	7.60	1.60	8.80	1.80	1.40	0.70	0.70	0.65	
11	0.45	1.50	1.10	0.95	4.40	1.40	7.60	1.70	1.40	0.70	0.70	0.65	
12	0.45	3.60	0.95	0.75	3.20	1.30	9.60	1.70	1.30	0.70	0.70	0.65	
13	0.45	3.20	0.90	0.75	2.00	1.60	6.40	1.60	1.30	0.70	0.70	0.65	
14	0.45	22.80	0.90	0.70	1.60	1.50	6.00	1.60	1.20	0.70	0.70	0.65	
15	0.45	9.20	0.85	0.80	1.40	1.60	7.20	1.60	1.20	0.65	0.70	0.65	
16	0.45	9.20	0.85	0.80	1.20	2.80	5.60	1.60	1.10	0.65	0.70	0.65	
17	0.45	5.60	0.85	0.70	4.80	2.00	5.20	1.60	1.00	0.65	0.70	0.65	
18	0.45	11.20	0.85	0.75	5.20	4.40	4.00	1.60	1.00	0.65	0.70	0.65	
19	0.45	22.80	0.85	0.80	3.60	36.80	4.40	1.50	1.00	0.75	0.70	0.65	
20	0.45	21.60	0.85	0.80	1.90	39.20	4.40	1.40	0.95	0.75	0.70	0.65	
21	0.45	8.00	0.85	0.80	1.60	23.40	2.80	1.50	0.90	0.75	0.70	0.65	
22	0.45	5.20	0.90	0.80	1.50	12.80	2.40	1.50	0.90	0.75	0.70	0.65	
23	0.40	3.60	0.90	0.90	1.30	9.20	1.90	1.50	0.90	0.75	0.70	0.65	
24	0.40	2.40	0.90	5.20	2.80	6.80	1.90	1.50	0.85	0.70	0.70	0.65	
25	0.40	1.70	0.85	2.00	2.40	5.20	1.80	1.50	0.85	0.70	0.70	0.65	
26	0.40	1.70	0.90	1.40	2.00	4.40	1.70	1.50	0.85	0.70	0.70	0.65	
27	0.40	1.40	12.00	1.30	1.80	6.80	1.60	1.50	0.80	0.70	0.70	0.65	
28	0.40	1.40	29.40	1.00	1.60	6.40	1.60	1.40	0.80	0.70	0.70	0.65	
29	0.35	1.40	11.20	0.95	1.50	6.40	1.60	1.40	0.80	0.70	0.70	0.65	
30	0.35	1.30	6.00	4.00	1.70	5.20	1.70	1.40	0.75	0.70	0.70	0.65	
31		1.80		2.00	1.80		1.80		0.75	0.70		0.65	
Total	13.60	146.30	101.55	55.95	91.00	204.70	162.20	48.60	34.60	21.55	20.30	20.25	920.60 CMSDAY
Mean	0.45	4.72	3.39	1.80	2.94	6.82	5.23	1.62	1.12	0.70	0.70	0.65	2.52 CMS
Max	0.55	22.80	29.40	7.20	7.60	39.20	18.60	1.80	1.40	0.75	0.70	0.70	39.20 CMS
Min	0.35	0.35	0.85	0.70	1.20	1.30	1.60	1.40	0.75	0.65	0.70	0.65	0.35 CMS
Runoff	1.18	12.64	8.77	4.83	7.86	17.69	14.01	4.20	2.99	1.86	1.75	1.75	79.54 MCM
Momentary Peak	69.00	CMS.	at 366.81 m. (MSL.)	at 12.00 Hours	on Sep 20, 2007								
Runoff Yield	4.59	Liters/Second/Square KM.			Momentary Peak Yield	125.45	Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Khlong Khlung at Ban Sam Ruean , Kamphaeng Phet (P.78)

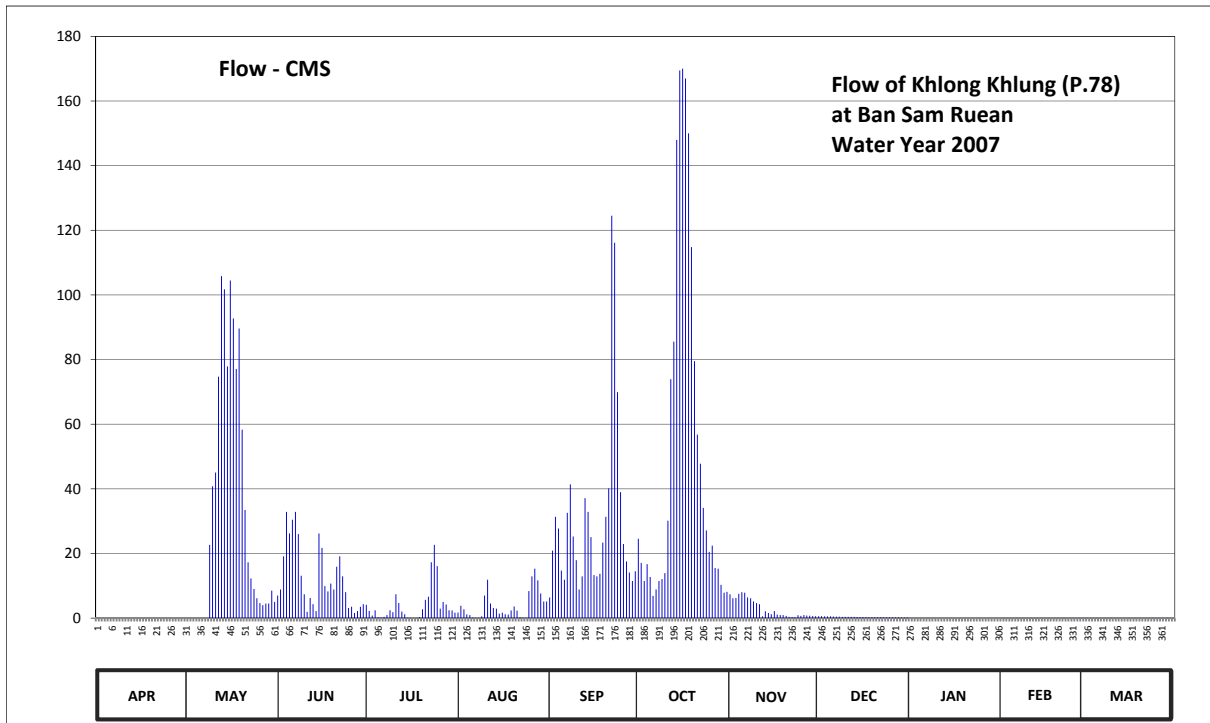
Lat 16 - 11 - 03 N Long 99 - 36 - 09 E

Location : on left bank at Ban Sam Ruean.

	Ban Sam Ruean	Amphoe Khlong Khlung	Changwat Kamphaeng Phet
Drainage Area	1,119 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+65.177 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+73.494 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 10 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.44	65.18	67.20	66.96	66.68	67.15	68.13	67.23	66.45	66.08	66.13	66.13	
2	65.42	65.18	67.35	66.76	66.93	67.97	67.78	67.13	66.45	66.08	66.13	66.13	
3	65.40	65.18	67.88	66.50	66.82	68.37	67.50	67.14	66.44	66.08	66.13	66.13	
4	65.38	65.18	68.42	66.79	66.58	68.25	67.76	67.24	66.44	66.08	66.13	66.13	
5	65.36	65.18	68.20	66.32	66.53	67.66	67.56	67.28	66.43	66.08	66.13	66.13	
6	65.34	65.66	68.34	66.25	66.25	67.52	67.19	67.27	66.42	66.08	66.13	66.13	
7	65.32	66.09	68.42	66.40	66.18	68.41	67.35	67.15	66.41	66.08	66.13	66.13	
8	65.30	65.99	68.19	66.53	66.18	68.70	67.50	67.13	66.41	66.08	66.13	66.13	
9	65.28	68.05	67.58	66.79	66.43	68.16	67.53	67.05	66.40	66.08	66.13	66.13	
10	65.26	68.68	67.23	66.70	67.20	67.82	67.62	67.01	66.40	66.08	66.13	66.13	
11	65.24	68.82	66.71	67.23	67.52	67.35	68.33	66.98	66.39	66.08	66.13	66.13	
12	65.22	69.63	67.14	67.01	67.00	67.57	69.61	66.43	66.39	66.08	66.13	66.13	
13	65.20	70.34	66.98	66.73	66.86	68.56	69.89	66.74	66.38	66.08	66.13	66.13	
14	65.20	70.25	66.75	66.59	66.84	68.42	71.21	66.66	66.37	66.08	66.13	66.13	
15	65.19	69.71	68.20	66.23	66.63	68.15	71.64	66.59	66.36	66.08	66.13	66.13	
16	65.18	70.31	68.01	66.18	66.67	67.59	71.65	66.75	66.35	66.08	66.13	66.13	
17	65.18	70.05	67.42	66.13	66.59	67.57	71.59	66.57	66.34	66.08	66.13	66.13	
18	65.18	69.69	67.30	66.13	66.57	67.61	71.25	66.53	66.34	66.08	66.13	66.13	
19	65.18	69.98	67.46	66.36	66.78	68.08	70.54	66.54	66.33	66.08	66.13	66.13	
20	65.18	69.22	67.35	66.82	66.91	68.37	69.75	66.47	66.32	66.08	66.13	66.13	
21	65.18	68.44	67.72	67.09	66.77	68.66	69.18	66.40	66.31	66.08	66.13	66.13	
22	65.18	67.79	67.88	67.17	66.33	70.74	68.91	66.35	66.31	66.08	66.13	66.13	
23	65.18	67.54	67.57	67.79	66.24	70.57	68.46	66.33	66.30	66.08	66.13	66.13	
24	65.18	67.36	67.28	68.05	66.18	69.51	68.23	66.52	66.30	66.08	66.13	66.13	
25	65.18	67.13	66.86	67.73	67.31	68.62	67.95	66.47	66.29	66.08	66.13	66.13	
26	65.18	67.01	66.90	66.84	67.57	68.06	68.04	66.53	66.29	66.08	66.13	66.13	
27	65.18	66.95	66.66	67.04	67.69	67.80	67.70	66.50	66.28	66.08	66.13	66.13	
28	65.18	67.00	66.75	66.97	67.51	67.63	67.69	66.48	66.28	66.08	66.13	66.13	
29	65.18	67.00	66.90	66.79	67.25	67.50	67.44	66.46	66.27	66.08	66.13	66.13	
30	65.18	67.32	66.98	66.78	67.05	67.65	67.27	66.45	66.27	66.08	66.13	66.13	
31		67.04		66.67	67.05		67.29		66.26	66.08			
Mean	65.24	67.71	67.45	66.78	66.81	68.20	68.69	66.75	66.35	66.08	66.13	66.13	
Max	65.44	70.34	68.42	68.05	67.69	70.74	71.65	67.28	66.45	66.08	66.13	66.13	71.65
Min	65.18	65.18	66.66	66.13	66.18	67.15	67.19	66.33	66.26	66.08	66.13	66.13	65.18
Annual Max Momentary Gage Height	71.68		m. (MSL.) ,			at 18.00 Hours ,	on Oct 15 , 2007						
Zero Gage at Bottom Elevation	65.18		m. (MSL.) ,			River Bed	65.79	m. (MSL.)					
Left Bank Elevation		73.24		m. (MSL.) ,									
Right Bank Elevation		73.24		m. (MSL.) ,		Drainage Are	1,119	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	7.00	4.10	1.72	6.38	24.56	7.38	0.60	0.00	0.03	0.03	
2	0.00	0.00	8.88	2.24	3.80	20.90	17.10	6.13	0.60	0.00	0.03	0.03	
3	0.00	0.00	19.10	0.80	2.70	31.36	11.50	6.25	0.56	0.00	0.03	0.03	
4	0.00	0.00	32.88	2.44	1.12	27.72	16.70	7.50	0.56	0.00	0.03	0.03	
5	0.00	0.00	26.20	0.28	0.92	14.70	12.70	8.00	0.52	0.00	0.03	0.03	
6	0.00	0.00	30.45	0.18	0.18	11.90	6.88	7.88	0.48	0.00	0.03	0.03	
7	0.00	0.00	32.88	0.40	0.08	32.58	8.88	6.38	0.44	0.00	0.03	0.03	
8	0.00	0.00	25.97	0.92	0.08	41.39	11.50	6.13	0.44	0.00	0.03	0.03	
9	0.00	22.68	13.10	2.44	0.52	25.26	12.10	5.13	0.40	0.00	0.03	0.03	
10	0.00	40.78	7.38	1.85	7.00	17.90	13.90	4.63	0.40	0.00	0.03	0.03	
11	0.00	45.03	1.92	7.38	11.90	8.88	30.15	4.30	0.39	0.00	0.03	0.03	
12	0.00	74.70	6.25	4.63	4.50	12.90	73.90	0.52	0.39	0.00	0.03	0.03	
13	0.00	105.80	4.30	2.05	3.10	37.14	85.55	2.11	0.37	0.00	0.03	0.03	
14	0.00	101.75	2.18	1.16	2.90	32.88	148.00	1.59	0.36	0.00	0.03	0.03	
15	0.00	77.90	26.20	0.15	1.40	25.03	169.50	1.16	0.34	0.00	0.03	0.03	
16	0.00	104.45	21.74	0.08	1.66	13.30	170.00	2.18	0.33	0.00	0.03	0.03	
17	0.00	92.75	9.90	0.03	1.16	12.90	167.00	1.08	0.31	0.00	0.03	0.03	
18	0.00	77.10	8.25	0.03	1.08	13.70	150.00	0.92	0.31	0.00	0.03	0.03	
19	0.00	89.60	10.70	0.34	2.37	23.38	114.80	0.96	0.30	0.00	0.03	0.03	
20	0.00	58.30	8.88	2.70	3.60	31.36	79.50	0.68	0.28	0.00	0.03	0.03	
21	0.00	33.49	15.90	5.63	2.31	40.17	56.80	0.40	0.27	0.00	0.03	0.03	
22	0.00	17.30	19.10	6.63	0.30	124.50	47.77	0.33	0.27	0.00	0.03	0.03	
23	0.00	12.30	12.90	17.30	0.16	116.15	34.10	0.30	0.25	0.00	0.03	0.03	
24	0.00	9.00	8.00	22.68	0.08	69.90	27.11	0.88	0.25	0.00	0.03	0.03	
25	0.00	6.13	3.10	16.10	8.38	38.96	20.50	0.68	0.24	0.00	0.03	0.03	
26	0.00	4.63	3.50	2.90	12.90	22.91	22.44	0.92	0.24	0.00	0.03	0.03	
27	0.00	4.00	1.59	5.00	15.30	17.50	15.50	0.80	0.22	0.00	0.03	0.03	
28	0.00	4.50	2.18	4.20	11.70	14.10	15.30	0.72	0.22	0.00	0.03	0.03	
29	0.00	4.50	3.50	2.44	7.63	11.50	10.30	0.64	0.21	0.00	0.03	0.03	
30	0.00	8.50	4.30	2.37	5.13	14.50	7.88	0.60	0.21	0.00	0.03	0.03	
31	0.00	5.00		1.66	5.13		8.13		0.19	0.00		0.03	
Total	0.00	1000.19	378.23	121.11	120.81	911.75	1590.05	87.18	10.95	0.00	0.87	0.93	4222.07 CMSDAY
Mean	0.00	32.26	12.61	3.91	3.90	30.39	51.29	2.91	0.35	0.00	0.03	0.03	11.54 CMS
Max	0.00	105.80	32.88	22.68	15.30	124.50	170.00	8.00	0.60	0.00	0.03	0.03	170.00 CMS
Min	0.00	0.00	1.59	0.03	0.08	6.38	6.88	0.30	0.19	0.00	0.03	0.03	0.00 CMS
Runoff	0.00	86.42	32.68	10.46	10.44	78.78	137.38	7.53	0.95	0.00	0.08	0.08	364.79 MCM
Momentary Peak		171.50	CMS. at 71.68 m. (MSL.) at 18.00 Hours , on Oct 15, 2007										
Runoff Yield		10.34	Liters/Second/Square KM.			Momentary Peak Yield		153.26	Liters/Second/Square KM.				

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Kuang at Ban Mae Wan , Chiang Mai (P.79)

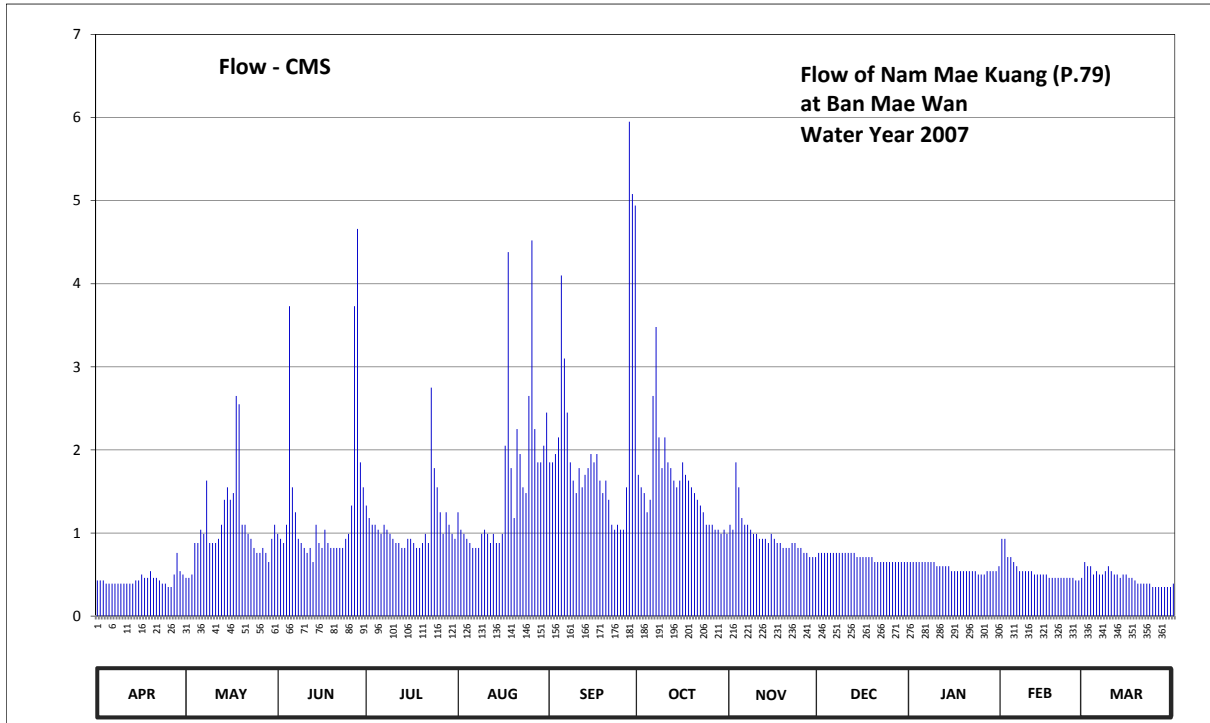
Lat 18 - 57 - 45 N Long 99 - 14 - 31 E

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	+447.326 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 by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	442.47	442.48	442.58	442.63	442.62	442.70	442.68	442.60	442.54	442.52	442.57	442.52	
2	442.47	442.48	442.57	442.61	442.59	442.70	442.66	442.59	442.54	442.52	442.57	442.51	
3	442.47	442.49	442.56	442.60	442.58	442.71	442.65	442.70	442.54	442.52	442.53	442.51	
4	442.46	442.56	442.60	442.60	442.57	442.73	442.62	442.66	442.54	442.52	442.53	442.49	
5	442.46	442.56	442.87	442.59	442.56	442.90	442.64	442.61	442.54	442.52	442.52	442.50	
6	442.46	442.59	442.66	442.58	442.55	442.82	442.78	442.60	442.54	442.52	442.51	442.49	
7	442.46	442.58	442.62	442.60	442.55	442.76	442.85	442.60	442.54	442.52	442.50	442.49	
8	442.46	442.67	442.57	442.59	442.55	442.70	442.73	442.59	442.54	442.52	442.50	442.50	
9	442.46	442.56	442.56	442.58	442.58	442.67	442.69	442.58	442.54	442.52	442.50	442.51	
10	442.46	442.56	442.55	442.57	442.59	442.65	442.73	442.58	442.54	442.51	442.50	442.50	
11	442.46	442.56	442.54	442.56	442.58	442.69	442.70	442.57	442.54	442.51	442.50	442.49	
12	442.46	442.57	442.55	442.56	442.56	442.66	442.69	442.57	442.54	442.51	442.49	442.49	
13	442.46	442.60	442.52	442.55	442.58	442.68	442.67	442.57	442.54	442.51	442.49	442.48	
14	442.47	442.64	442.60	442.55	442.56	442.69	442.66	442.56	442.53	442.51	442.49	442.49	
15	442.47	442.66	442.56	442.57	442.56	442.71	442.67	442.58	442.53	442.50	442.49	442.49	
16	442.49	442.64	442.55	442.57	442.58	442.70	442.70	442.57	442.53	442.50	442.49	442.48	
17	442.48	442.65	442.59	442.56	442.72	442.71	442.68	442.56	442.53	442.50	442.48	442.48	
18	442.48	442.78	442.56	442.55	442.92	442.67	442.67	442.56	442.53	442.50	442.48	442.47	
19	442.50	442.77	442.55	442.55	442.69	442.65	442.66	442.55	442.53	442.50	442.48	442.46	
20	442.48	442.60	442.55	442.56	442.61	442.67	442.65	442.55	442.52	442.50	442.48	442.46	
21	442.48	442.60	442.55	442.58	442.74	442.64	442.64	442.55	442.52	442.50	442.48	442.46	
22	442.47	442.58	442.55	442.56	442.71	442.60	442.63	442.56	442.52	442.50	442.48	442.46	
23	442.46	442.57	442.55	442.79	442.66	442.59	442.62	442.56	442.52	442.50	442.48	442.46	
24	442.46	442.55	442.57	442.69	442.65	442.60	442.60	442.55	442.52	442.49	442.48	442.45	
25	442.45	442.54	442.58	442.66	442.78	442.59	442.60	442.55	442.52	442.49	442.48	442.45	
26	442.45	442.54	442.63	442.62	442.93	442.59	442.60	442.54	442.52	442.49	442.47	442.45	
27	442.49	442.55	442.87	442.58	442.74	442.66	442.59	442.54	442.52	442.50	442.47	442.45	
28	442.54	442.54	442.94	442.62	442.70	443.03	442.59	442.53	442.52	442.50	442.48	442.45	
29	442.50	442.52	442.70	442.60	442.70	442.97	442.58	442.53	442.52	442.50	442.48	442.45	
30	442.49	442.57	442.66	442.58	442.72	442.96	442.59	442.53	442.52	442.50	442.48	442.45	
31		442.60		442.57	442.76		442.58		442.52	442.51		442.46	
Mean	442.47	442.59	442.61	442.59	442.65	442.71	442.66	442.57	442.53	442.51	442.50	442.48	
Max	442.54	442.78	442.94	442.79	442.93	443.03	442.85	442.70	442.54	442.52	442.57	442.52	443.03
Min	442.45	442.48	442.52	442.55	442.55	442.59	442.58	442.53	442.52	442.49	442.47	442.45	442.45
Annual Max Momentary Gage Height	443.08		m. (MSL.) ,			at 06.00 Hours ,	on Sep 28, 2007						
Zero Gage at Bottom Elevation	442.30		m. (MSL.) ,			River Bed	442.30	m. (MSL.)					
Left Bank Elevation	446.81		m. (MSL.) ,										
Right Bank Elevation	446.08		m. (MSL.) ,			Drainage Are	136	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.43	0.46	0.99	1.33	1.25	1.85	1.70	1.10	0.76	0.65	0.93	0.65	
2	0.43	0.46	0.93	1.18	1.04	1.85	1.55	1.04	0.76	0.65	0.93	0.60	
3	0.43	0.50	0.88	1.10	0.99	1.95	1.48	1.85	0.76	0.65	0.71	0.60	
4	0.39	0.88	1.10	1.10	0.93	2.15	1.25	1.55	0.76	0.65	0.71	0.50	
5	0.39	0.88	3.73	1.04	0.88	4.10	1.40	1.18	0.76	0.65	0.65	0.54	
6	0.39	1.04	1.55	0.99	0.82	3.10	2.65	1.10	0.76	0.65	0.60	0.50	
7	0.39	0.99	1.25	1.10	0.82	2.45	3.48	1.10	0.76	0.65	0.54	0.50	
8	0.39	1.63	0.93	1.04	0.82	1.85	2.15	1.04	0.76	0.65	0.54	0.54	
9	0.39	0.88	0.88	0.99	0.99	1.63	1.78	0.99	0.76	0.65	0.54	0.60	
10	0.39	0.88	0.82	0.93	1.04	1.48	2.15	0.99	0.76	0.60	0.54	0.54	
11	0.39	0.88	0.76	0.88	0.99	1.78	1.85	0.93	0.76	0.60	0.54	0.50	
12	0.39	0.93	0.82	0.88	0.88	1.55	1.78	0.93	0.76	0.60	0.50	0.50	
13	0.39	1.10	0.65	0.82	0.99	1.70	1.63	0.93	0.76	0.60	0.50	0.46	
14	0.43	1.40	1.10	0.82	0.88	1.78	1.55	0.88	0.71	0.60	0.50	0.50	
15	0.43	1.55	0.88	0.93	0.88	1.95	1.63	0.99	0.71	0.54	0.50	0.50	
16	0.50	1.40	0.82	0.93	0.99	1.85	1.85	0.93	0.71	0.54	0.50	0.46	
17	0.46	1.48	1.04	0.88	2.05	1.95	1.70	0.88	0.71	0.54	0.46	0.46	
18	0.46	2.65	0.88	0.82	4.38	1.63	1.63	0.88	0.71	0.54	0.46	0.43	
19	0.54	2.55	0.82	0.82	1.78	1.48	1.55	0.82	0.71	0.54	0.46	0.39	
20	0.46	1.10	0.82	0.88	1.18	1.63	1.48	0.82	0.65	0.54	0.46	0.39	
21	0.46	1.10	0.82	0.99	2.25	1.40	1.40	0.82	0.65	0.54	0.46	0.39	
22	0.43	0.99	0.82	0.88	1.95	1.10	1.33	0.88	0.65	0.54	0.46	0.39	
23	0.39	0.93	0.82	2.75	1.55	1.04	1.25	0.88	0.65	0.54	0.46	0.39	
24	0.39	0.82	0.93	1.78	1.48	1.10	1.10	0.82	0.65	0.50	0.46	0.35	
25	0.35	0.76	0.99	1.55	2.65	1.04	1.10	0.82	0.65	0.50	0.46	0.35	
26	0.35	0.76	1.33	1.25	4.52	1.04	1.10	0.76	0.65	0.50	0.43	0.35	
27	0.50	0.82	3.73	0.99	2.25	1.55	1.04	0.76	0.65	0.54	0.43	0.35	
28	0.76	0.76	4.66	1.25	1.85	5.95	1.04	0.71	0.65	0.54	0.46	0.35	
29	0.54	0.65	1.85	1.10	1.85	5.08	0.99	0.71	0.65	0.54	0.46	0.35	
30	0.50	0.93	1.55	0.99	2.05	4.94	1.04	0.71	0.65	0.54		0.35	
31		1.10		0.93	2.45		0.99		0.65	0.60		0.39	
Total	13.14	33.26	39.15	33.92	49.43	63.95	48.62	28.80	21.94	17.97	15.65	14.17	380.00 CMSDAY
Mean	0.44	1.07	1.30	1.09	1.59	2.13	1.57	0.96	0.71	0.58	0.54	0.46	1.04 CMS
Max	0.76	2.65	4.66	2.75	4.52	5.95	3.48	1.85	0.76	0.65	0.93	0.65	5.95 CMS
Min	0.35	0.46	0.65	0.82	0.82	1.04	0.99	0.71	0.65	0.50	0.43	0.35	0.35 CMS
Runoff	1.14	2.87	3.38	2.93	4.27	5.53	4.20	2.49	1.90	1.55	1.35	1.22	32.83 MCM
Momentary Peak	6.70	CMS. at 443.08 m. (MSL.) at 06.00 Hours , on Sep 28, 2007											
Runoff Yield	7.66	Liters/Second/Square KM. Momentary Peak Yield 49.26 Liters/Second/Square KM.											

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Lai at Ban Pong Din , Chiang Mai (P.80)

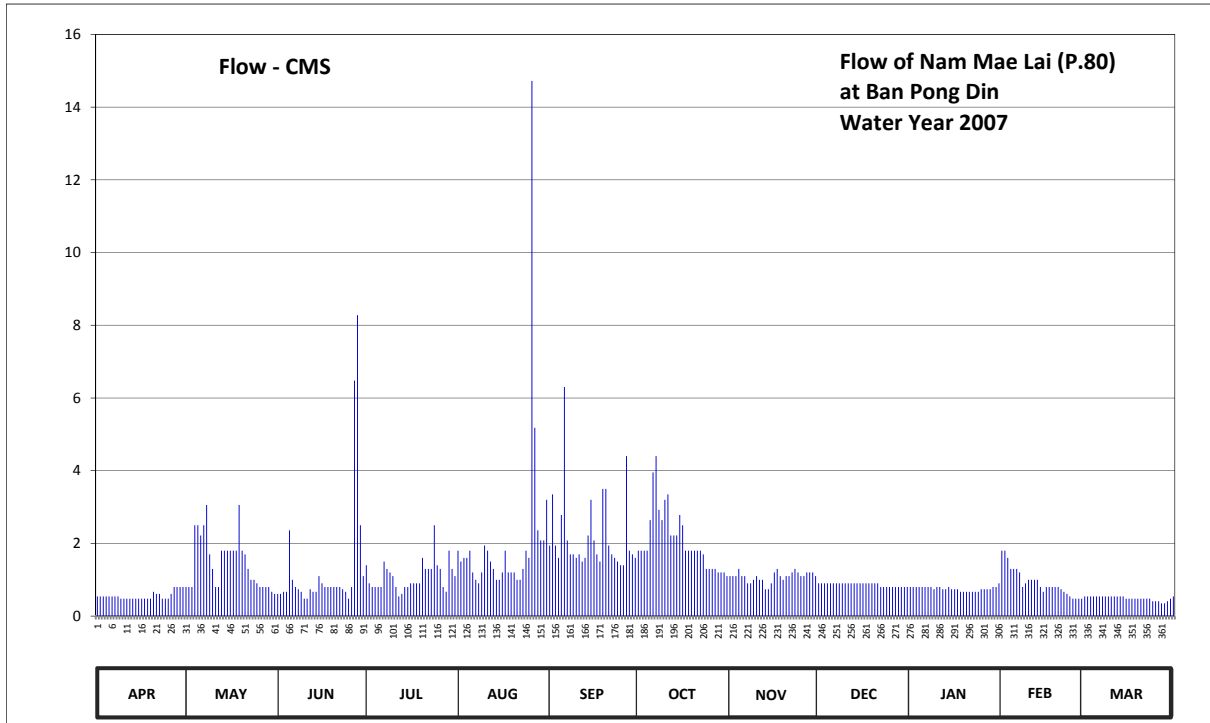
Lat 18 - 54 - 49 N Long 99 - 14 - 17 E

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 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	455.56	455.60	455.57	455.66	455.70	455.71	455.70	455.63	455.61	455.60	455.70	455.56	
2	455.56	455.60	455.57	455.61	455.67	455.81	455.70	455.63	455.61	455.60	455.70	455.56	
3	455.56	455.60	455.58	455.60	455.68	455.71	455.70	455.63	455.61	455.60	455.68	455.56	
4	455.56	455.75	455.58	455.60	455.68	455.68	455.70	455.65	455.61	455.60	455.65	455.56	
5	455.56	455.75	455.74	455.60	455.70	455.77	455.76	455.63	455.61	455.60	455.65	455.56	
6	455.56	455.73	455.62	455.60	455.64	456.00	455.85	455.63	455.61	455.60	455.65	455.56	
7	455.56	455.75	455.60	455.67	455.62	455.72	455.88	455.61	455.61	455.60	455.64	455.56	
8	455.56	455.79	455.59	455.65	455.61	455.69	455.78	455.61	455.61	455.60	455.60	455.56	
9	455.55	455.69	455.58	455.64	455.64	455.69	455.76	455.62	455.61	455.59	455.61	455.56	
10	455.55	455.65	455.55	455.63	455.71	455.68	455.80	455.63	455.61	455.60	455.62	455.56	
11	455.55	455.60	455.55	455.60	455.70	455.69	455.81	455.62	455.61	455.60	455.62	455.56	
12	455.55	455.60	455.59	455.56	455.67	455.67	455.73	455.62	455.61	455.59	455.62	455.56	
13	455.55	455.70	455.58	455.57	455.65	455.68	455.73	455.59	455.61	455.59	455.62	455.56	
14	455.55	455.70	455.58	455.60	455.62	455.73	455.73	455.59	455.61	455.60	455.60	455.56	
15	455.55	455.70	455.63	455.60	455.62	455.80	455.77	455.61	455.61	455.59	455.58	455.55	
16	455.55	455.70	455.61	455.61	455.64	455.72	455.75	455.64	455.61	455.59	455.60	455.55	
17	455.55	455.70	455.60	455.61	455.70	455.69	455.70	455.65	455.61	455.59	455.60	455.55	
18	455.55	455.70	455.60	455.61	455.64	455.67	455.70	455.63	455.61	455.58	455.60	455.55	
19	455.55	455.79	455.60	455.61	455.64	455.82	455.70	455.62	455.61	455.58	455.60	455.55	
20	455.58	455.70	455.60	455.68	455.64	455.82	455.70	455.63	455.61	455.58	455.60	455.55	
21	455.57	455.69	455.60	455.65	455.62	455.71	455.70	455.63	455.61	455.58	455.59	455.55	
22	455.57	455.65	455.60	455.65	455.62	455.69	455.70	455.64	455.60	455.58	455.58	455.55	
23	455.55	455.62	455.59	455.65	455.65	455.68	455.69	455.65	455.60	455.58	455.57	455.55	
24	455.55	455.62	455.58	455.75	455.70	455.67	455.65	455.64	455.60	455.58	455.56	455.54	
25	455.55	455.61	455.55	455.66	455.68	455.66	455.65	455.63	455.60	455.59	455.55	455.54	
26	455.57	455.60	455.60	455.65	456.44	455.66	455.65	455.63	455.60	455.59	455.55	455.54	
27	455.60	455.60	456.01	455.60	455.93	455.88	455.65	455.64	455.60	455.59	455.55	455.53	
28	455.60	455.60	456.11	455.58	455.74	455.70	455.64	455.64	455.60	455.59	455.55	455.53	
29	455.60	455.60	455.75	455.70	455.72	455.69	455.64	455.64	455.60	455.60	455.55	455.54	
30	455.60	455.58	455.63	455.65	455.72	455.68	455.64	455.63	455.60	455.60	455.60	455.55	
31		455.57		455.63	455.80		455.63		455.60	455.61		455.56	
Mean	455.56	455.66	455.63	455.63	455.70	455.73	455.72	455.63	455.61	455.59	455.61	455.55	
Max	455.60	455.79	456.11	455.75	456.44	456.00	455.88	455.65	455.61	455.61	455.70	455.56	456.44
Min	455.55	455.57	455.55	455.56	455.61	455.66	455.63	455.59	455.60	455.58	455.55	455.53	455.53
Annual Max Momentary Gage Height	457.10		m. (MSL.) ,			at 01.00 Hours ,	on Sep 6, 2007						
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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.54	0.80	0.61	1.40	1.80	1.94	1.80	1.10	0.90	0.80	1.80	0.54	
2	0.54	0.80	0.61	0.90	1.50	3.35	1.80	1.10	0.90	0.80	1.80	0.54	
3	0.54	0.80	0.67	0.80	1.60	1.94	1.80	1.10	0.90	0.80	1.60	0.54	
4	0.54	2.50	0.67	0.80	1.60	1.60	1.80	1.30	0.90	0.80	1.30	0.54	
5	0.54	2.50	2.36	0.80	1.80	2.78	2.64	1.10	0.90	0.80	1.30	0.54	
6	0.54	2.22	1.00	0.80	1.20	6.30	3.95	1.10	0.90	0.80	1.30	0.54	
7	0.54	2.50	0.80	1.50	1.00	2.08	4.40	0.90	0.90	0.80	1.20	0.54	
8	0.54	3.06	0.74	1.30	0.90	1.70	2.92	0.90	0.90	0.80	0.80	0.54	
9	0.48	1.70	0.67	1.20	1.20	1.70	2.64	1.00	0.90	0.74	0.90	0.54	
10	0.48	1.30	0.48	1.10	1.94	1.60	3.20	1.10	0.90	0.80	1.00	0.54	
11	0.48	0.80	0.48	0.80	1.80	1.70	3.35	1.00	0.90	0.80	1.00	0.54	
12	0.48	0.80	0.74	0.54	1.50	1.50	2.22	1.00	0.90	0.74	1.00	0.54	
13	0.48	1.80	0.67	0.61	1.30	1.60	2.22	0.74	0.90	0.74	1.00	0.54	
14	0.48	1.80	0.67	0.80	1.00	2.22	2.22	0.74	0.90	0.80	0.80	0.54	
15	0.48	1.80	1.10	0.80	1.00	3.20	2.78	0.90	0.90	0.74	0.67	0.48	
16	0.48	1.80	0.90	0.90	1.20	2.08	2.50	1.20	0.90	0.74	0.80	0.48	
17	0.48	1.80	0.80	0.90	1.80	1.70	1.80	1.30	0.90	0.74	0.80	0.48	
18	0.48	1.80	0.80	0.90	1.20	1.50	1.80	1.10	0.90	0.67	0.80	0.48	
19	0.48	3.06	0.80	0.90	1.20	3.50	1.80	1.00	0.90	0.67	0.80	0.48	
20	0.67	1.80	0.80	1.60	1.20	3.50	1.80	1.10	0.90	0.67	0.80	0.48	
21	0.61	1.70	0.80	1.30	1.00	1.94	1.80	1.10	0.90	0.67	0.74	0.48	
22	0.61	1.30	0.80	1.30	1.00	1.70	1.80	1.20	0.80	0.67	0.67	0.48	
23	0.48	1.00	0.74	1.30	1.30	1.60	1.70	1.30	0.80	0.67	0.61	0.48	
24	0.48	1.00	0.67	2.50	1.80	1.50	1.30	1.20	0.80	0.67	0.54	0.41	
25	0.48	0.90	0.48	1.40	1.60	1.40	1.30	1.10	0.80	0.74	0.48	0.41	
26	0.61	0.80	0.80	1.30	14.72	1.40	1.30	1.10	0.80	0.74	0.48	0.41	
27	0.80	0.80	6.48	0.80	5.18	4.40	1.30	1.20	0.80	0.74	0.48	0.35	
28	0.80	0.80	8.28	0.67	2.36	1.80	1.20	1.20	0.80	0.74	0.48	0.35	
29	0.80	0.80	2.50	1.80	2.08	1.70	1.20	1.20	0.80	0.80	0.48	0.41	
30	0.80	0.67	1.10	1.30	2.08	1.60	1.20	1.10	0.80	0.80		0.48	
31		0.61		1.10	3.20		1.10		0.80	0.90		0.54	
Total	16.74	45.82	39.02	34.12	64.06	66.53	64.64	32.48	26.90	23.39	26.43	15.24	455.37 CMSDAY
Mean	0.56	1.48	1.30	1.10	2.07	2.22	2.09	1.08	0.87	0.75	0.91	0.49	1.24 CMS
Max	0.80	3.06	8.28	2.50	14.72	6.30	4.40	1.30	0.90	0.90	1.80	0.54	14.72 CMS
Min	0.48	0.61	0.48	0.54	0.90	1.40	1.10	0.74	0.80	0.67	0.48	0.35	0.35 CMS
Runoff	1.45	3.96	3.37	2.95	5.53	5.75	5.58	2.81	2.32	2.02	2.28	1.32	39.34 MCM
Momentary Peak	31.70	CMS. at 457.10 m. (MSL.) at 01.00 Hours , on Sep 6, 2007											
Runoff Yield	9.67	Liters/Second/Square KM. Momentary Peak Yield 245.74 Liters/Second/Square KM.											

WATER YEAR : 2007**PING RIVER BASIN****Nam Mae Kuang at Ban Pong, Chiang Mai (P.81)**

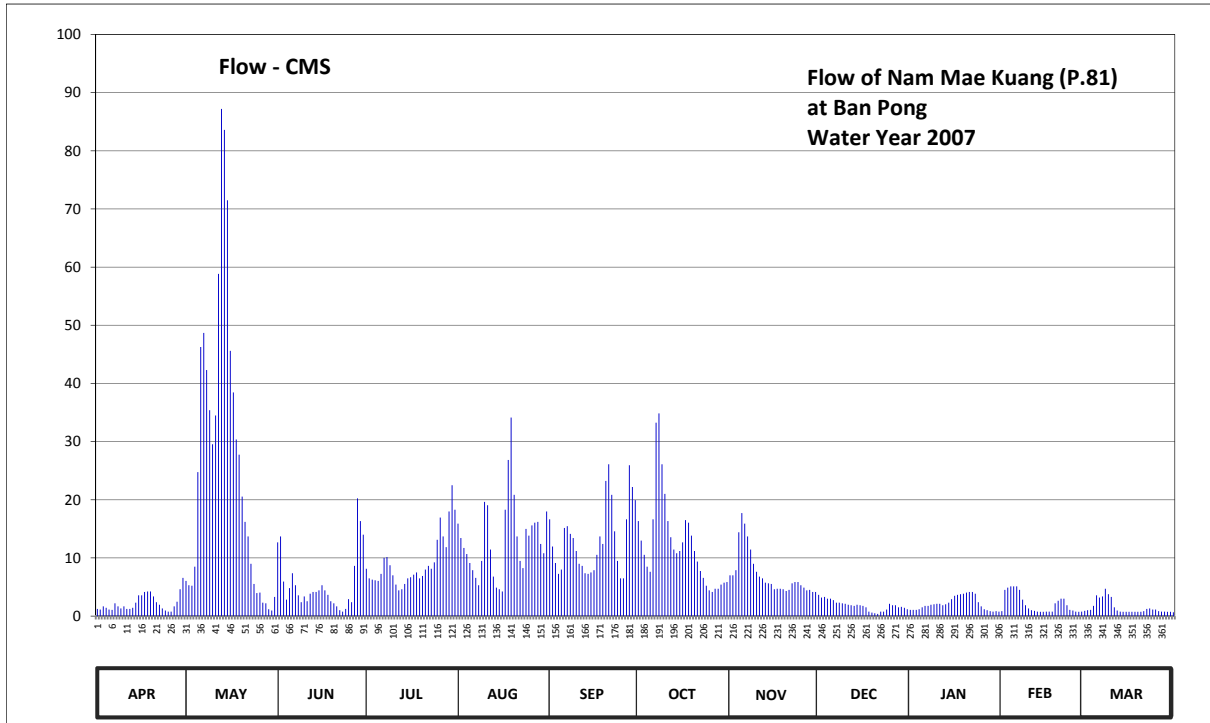
Lat 18 - 41 - 37 N Long 99 - 04 - 58 E

Location : on left bank at the bridge on road.

	Ban Pong	Amphoe San Kamphaeng	Changwat Chiang Mai
Drainage Area	1,190 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+289.919 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the approach of the bridge.	Elevation	+295.749 m. (MSL.)
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 good. Stage-discharge relation defined by 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	290.80	291.31	291.84	291.49	292.06	292.11	292.09	291.40	291.07	290.77	290.73	290.74	
2	290.78	291.24	291.91	291.35	291.89	291.79	291.86	291.40	291.02	290.77	291.16	290.76	
3	290.85	291.23	291.30	291.33	291.77	291.57	291.68	291.47	291.03	290.77	291.20	290.77	
4	290.82	291.52	290.98	291.32	291.69	291.42	291.52	291.96	291.00	290.79	291.22	290.86	
5	290.78	292.65	291.19	291.31	291.57	291.48	291.45	292.18	291.00	290.83	291.22	291.06	
6	290.77	293.83	291.43	291.42	291.47	292.01	292.11	292.06	290.97	290.86	291.22	291.02	
7	290.91	293.94	291.24	291.64	291.36	292.03	293.18	291.91	290.92	290.86	291.16	291.04	
8	290.85	293.65	291.06	291.65	291.24	291.94	293.27	291.75	290.92	290.88	290.98	291.18	
9	290.81	293.30	290.93	291.54	291.60	291.89	292.74	291.56	290.91	290.89	290.87	291.08	
10	290.85	292.97	291.04	291.40	292.31	291.73	292.40	291.45	290.90	290.90	290.81	291.03	
11	290.80	293.25	290.95	291.25	292.27	291.56	292.09	291.38	290.88	290.90	290.76	290.83	
12	290.80	294.34	291.09	291.15	291.75	291.53	291.90	291.35	290.87	290.87	290.74	290.75	
13	290.82	295.18	291.12	291.17	291.38	291.43	291.75	291.28	290.86	290.89	290.72	290.72	
14	290.92	295.09	291.12	291.26	291.20	291.42	291.70	291.27	290.88	290.92	290.71	290.71	
15	291.06	294.75	291.15	291.35	291.17	291.44	291.73	291.26	290.87	290.99	290.71	290.71	
16	291.06	293.80	291.24	291.37	291.13	291.47	291.84	291.17	290.86	291.05	290.72	290.71	
17	291.12	293.47	291.15	291.41	292.22	291.68	292.10	291.18	290.83	291.07	290.72	290.71	
18	291.13	293.02	291.07	291.44	292.79	291.91	292.07	291.18	290.72	291.08	290.72	290.71	
19	291.13	292.85	290.95	291.35	293.23	291.82	291.92	291.17	290.69	291.09	290.91	290.71	
20	291.04	292.37	290.91	291.39	292.39	292.55	291.73	291.14	290.67	291.11	290.96	290.71	
21	290.93	292.08	290.85	291.48	291.91	292.74	291.59	291.16	290.65	291.12	291.00	290.73	
22	290.88	291.91	290.76	291.53	291.60	292.39	291.46	291.27	290.72	291.12	291.00	290.80	
23	290.81	291.56	290.72	291.49	291.50	291.97	291.36	291.29	290.72	291.09	290.87	290.81	
24	290.75	291.26	290.80	291.58	292.00	291.60	291.23	291.29	290.78	290.93	290.77	290.78	
25	290.72	291.10	290.99	291.87	291.92	291.35	291.15	291.24	290.90	290.85	290.75	290.78	
26	290.72	291.11	290.93	292.13	292.04	291.35	291.12	291.20	290.87	290.79	290.72	290.73	
27	290.85	290.92	291.53	291.91	292.07	292.11	291.18	291.15	290.87	290.76	290.71	290.72	
28	290.94	290.91	292.35	291.78	292.08	292.73	291.18	291.16	290.83	290.73	290.72	290.72	
29	291.17	290.79	292.09	292.20	291.82	292.48	291.25	291.12	290.84	290.72	290.72	290.71	
30	291.36	290.75	291.93	292.50	291.70	292.33	291.28	291.12	290.82	290.73	290.73	290.71	
31		291.03		292.22	292.20		291.29		290.79	290.72		290.70	
Mean	290.91	292.49	291.22	291.56	291.85	291.86	291.78	291.38	290.86	290.90	290.88	290.81	
Max	291.36	295.18	292.35	292.50	293.23	292.74	293.27	292.18	291.07	291.12	291.22	291.18	295.18
Min	290.72	290.75	290.72	291.15	291.13	291.35	291.12	291.12	290.65	290.72	290.71	290.70	290.65
Annual Max Momentary Gage Height	295.20		m. (MSL.) ,				at 11.00 Hours ,						
Zero Gage at Bottom Elevation	289.92		m. (MSL.) ,			River Bed	290.07		m. (MSL.)				
Left Bank Elevation	296.87		m. (MSL.) ,										
Right Bank Elevation	296.87		m. (MSL.) ,			Drainage Are	1,190		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.24	6.06	12.68	8.13	15.90	16.65	16.35	7.00	3.67	1.07	0.84	0.90	
2	1.13	5.32	13.70	6.48	13.41	11.97	12.97	7.00	3.19	1.07	4.52	1.01	
3	1.68	5.22	5.95	6.27	11.71	9.13	10.54	7.88	3.29	1.07	4.90	1.07	
4	1.42	8.50	2.82	6.16	10.67	7.25	8.50	14.42	3.00	1.18	5.11	1.77	
5	1.13	24.75	4.81	6.06	9.13	8.00	7.63	17.70	3.00	1.50	5.11	3.57	
6	1.07	46.26	7.38	7.25	7.88	15.15	16.65	15.90	2.74	1.77	5.11	3.19	
7	2.21	48.68	5.32	10.02	6.58	15.45	33.24	13.70	2.30	1.77	4.52	3.38	
8	1.68	42.30	3.57	10.15	5.32	14.13	34.86	11.45	2.30	1.94	2.82	4.71	
9	1.33	35.40	2.38	8.75	9.50	13.41	26.10	9.00	2.21	2.03	1.86	3.76	
10	1.68	29.55	3.38	7.00	19.65	11.19	21.00	7.63	2.12	2.12	1.33	3.29	
11	1.24	34.50	2.56	5.43	19.05	9.00	16.35	6.79	1.94	2.12	1.01	1.50	
12	1.24	58.84	3.86	4.43	11.45	8.63	13.55	6.48	1.86	1.86	0.90	0.96	
13	1.42	87.20	4.14	4.62	6.79	7.38	11.45	5.74	1.77	2.03	0.78	0.78	
14	2.30	83.60	4.14	5.53	4.90	7.25	10.80	5.64	1.94	2.30	0.73	0.73	
15	3.57	71.50	4.43	6.48	4.62	7.50	11.19	5.53	1.86	2.91	0.73	0.73	
16	3.57	45.60	5.32	6.69	4.24	7.88	12.68	4.62	1.77	3.48	0.78	0.73	
17	4.14	38.46	4.43	7.13	18.30	10.54	16.50	4.71	1.50	3.67	0.78	0.73	
18	4.24	30.36	3.67	7.50	26.85	13.70	16.05	4.71	0.78	3.76	0.78	0.73	
19	4.24	27.75	2.56	6.48	34.14	12.39	13.84	4.62	0.61	3.86	2.21	0.73	
20	3.38	20.55	2.21	6.90	20.85	23.25	11.19	4.33	0.50	4.05	2.65	0.73	
21	2.38	16.20	1.68	8.00	13.70	26.10	9.38	4.52	0.39	4.14	3.00	0.84	
22	1.94	13.70	1.01	8.63	9.50	20.85	7.75	5.64	0.78	4.14	3.00	1.24	
23	1.33	9.00	0.78	8.13	8.25	14.57	6.58	5.85	0.78	3.86	1.86	1.33	
24	0.96	5.53	1.24	9.25	15.00	9.50	5.22	5.85	1.13	2.38	1.07	1.13	
25	0.78	3.95	2.91	13.12	13.84	6.48	4.43	5.32	2.12	1.68	0.96	1.13	
26	0.78	4.05	2.38	16.95	15.60	6.48	4.14	4.90	1.86	1.18	0.78	0.84	
27	1.68	2.30	8.63	13.70	16.05	16.65	4.71	4.43	1.86	1.01	0.73	0.78	
28	2.47	2.21	20.25	11.84	16.20	25.95	4.71	4.52	1.50	0.84	0.78	0.78	
29	4.62	1.18	16.35	18.00	12.39	22.20	5.43	4.14	1.59	0.78	0.78	0.73	
30	6.58	0.96	13.99	22.50	10.80	19.95	5.74	4.14	1.42	0.84		0.73	
31		3.29		18.30	18.00		5.85		1.18	0.78		0.67	
Total	67.43	812.77	168.53	285.88	410.27	398.58	385.38	214.16	56.96	67.19	60.43	45.20	2972.78 CMSDAY
Mean	2.25	26.22	5.62	9.22	13.23	13.29	12.43	7.14	1.84	2.17	2.08	1.46	8.12 CMS
Max	6.58	87.20	20.25	22.50	34.14	26.10	34.86	17.70	3.67	4.14	5.11	4.71	87.20 CMS
Min	0.78	0.96	0.78	4.43	4.24	6.48	4.14	4.14	0.39	0.78	0.73	0.67	0.39 CMS
Runoff	5.83	70.22	14.56	24.70	35.45	34.44	33.30	18.50	4.92	5.81	5.22	3.91	256.85 MCM
Momentary Peak	88.00 CMS. at 295.20 m. (MSL.) at 11.00 Hours , on May 13, 2007												
Runoff Yield	6.84 Liters/Second/Square KM.			Momentary Peak Yield			73.95 Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Wang at Ban Sop Win , Chiang Mai (P.82)

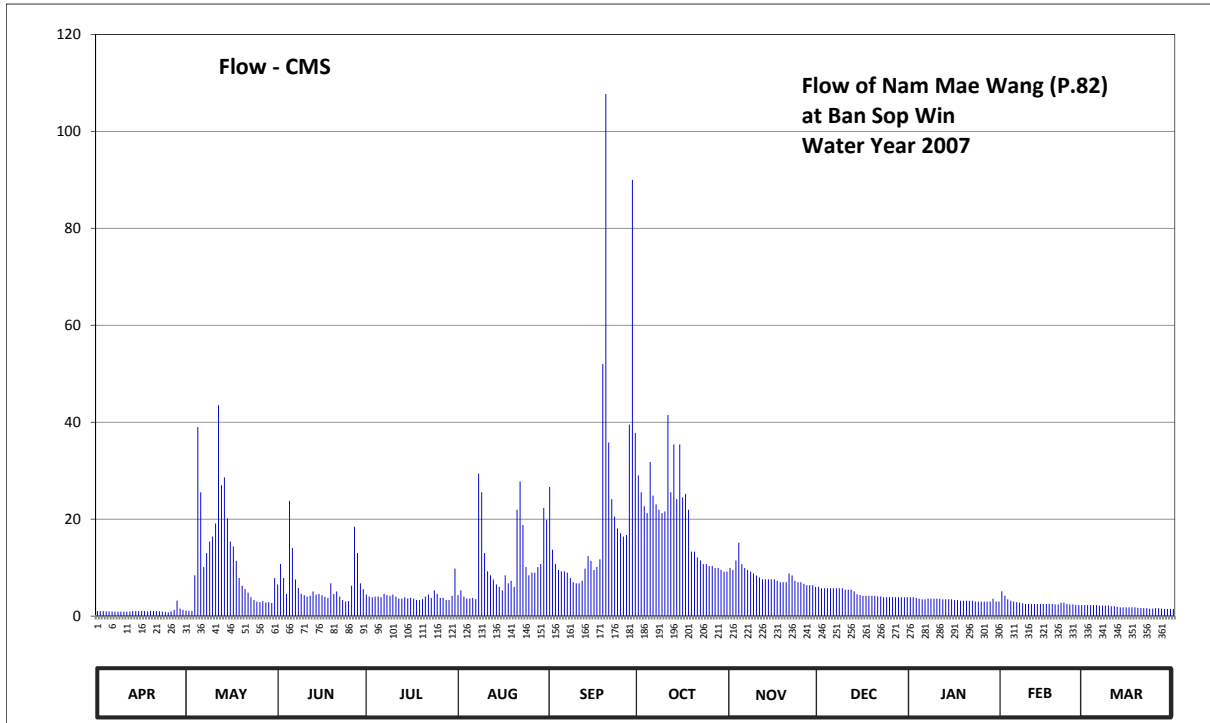
Lat 18 - 39 - 06 N Long 98 - 41 - 23 E

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	+403.390 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 by some silting.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 130 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	397.74	397.76	398.18	398.09	398.08	398.79	398.85	398.56	398.45	398.36	398.42	398.24	
2	397.74	397.75	398.33	398.06	398.13	398.42	398.76	398.55	398.44	398.36	398.38	398.24	
3	397.74	397.74	398.23	398.05	398.06	398.33	398.68	398.60	398.44	398.35	398.33	398.24	
4	397.73	398.25	398.10	398.06	398.03	398.29	398.64	398.66	398.44	398.34	398.31	398.24	
5	397.73	399.10	398.71	398.06	398.03	398.28	398.92	398.58	398.44	398.33	398.30	398.24	
6	397.73	398.76	398.43	398.05	398.04	398.28	398.74	398.56	398.44	398.33	398.29	398.23	
7	397.72	398.31	398.22	398.10	398.02	398.27	398.69	398.55	398.44	398.34	398.28	398.23	
8	397.72	398.40	398.15	398.08	398.86	398.23	398.66	398.54	398.44	398.34	398.27	398.23	
9	397.72	398.47	398.10	398.07	398.76	398.20	398.64	398.53	398.44	398.34	398.26	398.23	
10	397.72	398.50	398.08	398.09	398.40	398.19	398.65	398.52	398.43	398.34	398.26	398.22	
11	397.72	398.58	398.06	398.06	398.28	398.19	399.15	398.51	398.43	398.34	398.26	398.22	
12	397.72	399.19	398.07	398.03	398.25	398.21	398.76	398.50	398.43	398.33	398.26	398.21	
13	397.74	398.80	398.12	398.03	398.22	398.30	399.01	398.50	398.42	398.33	398.26	398.20	
14	397.74	398.84	398.09	398.05	398.18	398.38	398.72	398.50	398.40	398.33	398.26	398.20	
15	397.74	398.61	398.10	398.03	398.16	398.35	399.01	398.50	398.39	398.33	398.26	398.20	
16	397.74	398.47	398.08	398.04	398.13	398.29	398.73	398.50	398.38	398.32	398.26	398.20	
17	397.74	398.44	398.06	398.03	398.25	398.31	398.75	398.49	398.38	398.32	398.26	398.20	
18	397.73	398.35	398.04	398.01	398.19	398.36	398.66	398.48	398.38	398.31	398.26	398.20	
19	397.75	398.23	398.19	398.01	398.21	399.36	398.63	398.48	398.38	398.31	398.25	398.19	
20	397.74	398.17	398.10	398.02	398.16	400.31	398.63	398.48	398.38	398.31	398.25	398.18	
21	397.74	398.14	398.12	398.06	398.66	399.02	398.61	398.53	398.37	398.31	398.28	398.18	
22	397.73	398.11	398.06	398.09	398.82	398.72	398.60	398.52	398.37	398.31	398.28	398.18	
23	397.72	398.05	398.01	398.04	398.57	398.62	398.58	398.49	398.36	398.30	398.26	398.17	
24	397.71	398.01	397.98	398.13	398.31	398.55	398.58	398.48	398.36	398.30	398.25	398.17	
25	397.70	397.98	397.99	398.10	398.25	398.52	398.57	398.48	398.36	398.30	398.25	398.18	
26	397.73	397.97	398.17	398.04	398.27	398.50	398.57	398.47	398.36	398.30	398.24	398.18	
27	397.78	397.99	398.56	398.04	398.27	398.51	398.56	398.46	398.36	398.30	398.24	398.17	
28	398.00	397.96	398.40	398.01	398.31	399.11	398.56	398.46	398.36	398.30	398.24	398.16	
29	397.82	397.97	398.19	398.01	398.33	400.05	398.55	398.46	398.36	398.34	398.23	398.16	
30	397.78	397.95	398.14	398.07	398.67	399.07	398.54	398.45	398.36	398.30	398.23	398.16	
31		398.23		398.30	398.60		398.54		398.36	398.30		398.16	
Mean	397.75	398.29	398.17	398.06	398.31	398.60	398.69	398.51	398.40	398.32	398.27	398.20	
Max	398.00	399.19	398.71	398.30	398.86	400.31	399.15	398.66	398.45	398.36	398.42	398.24	400.31
Min	397.70	397.74	397.98	398.01	398.02	398.19	398.54	398.45	398.36	398.30	398.23	398.16	397.70
Annual Max Momentary Gage Height	402.27		m. (MSL.) ,				at 03.00 Hours ,						
Zero Gage at Bottom Elevation	396.83		m. (MSL.) ,			River Bed	397.24	m. (MSL.)					
Left Bank Elevation	402.62		m. (MSL.) ,										
Right Bank Elevation	402.50		m. (MSL.) ,			Drainage Are	389	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.04	1.16	6.52	4.46	4.32	26.64	29.00	9.94	6.05	3.90	5.12	2.28	
2	1.04	1.10	10.76	4.04	5.32	13.68	25.56	9.55	5.74	3.90	4.20	2.28	
3	1.04	1.04	7.84	3.90	4.04	10.76	22.68	11.50	5.74	3.75	3.45	2.28	
4	0.98	8.40	4.60	4.04	3.62	9.52	21.24	15.10	5.74	3.60	3.15	2.28	
5	0.98	39.00	23.76	4.04	3.62	9.24	31.80	10.72	5.74	3.45	3.00	2.28	
6	0.98	25.56	14.02	3.90	3.76	9.24	24.84	9.94	5.74	3.45	2.88	2.16	
7	0.92	10.12	7.56	4.60	3.48	8.96	23.04	9.55	5.74	3.60	2.76	2.16	
8	0.92	13.00	5.80	4.32	29.40	7.84	21.96	9.16	5.74	3.60	2.64	2.16	
9	0.92	15.38	4.60	4.18	25.56	7.00	21.24	8.77	5.74	3.60	2.52	2.16	
10	0.92	16.40	4.32	4.46	13.00	6.76	21.60	8.38	5.43	3.60	2.52	2.04	
11	0.92	19.12	4.04	4.04	9.24	6.76	41.50	7.99	5.43	3.60	2.52	2.04	
12	0.92	43.50	4.18	3.62	8.40	7.28	25.56	7.60	5.43	3.45	2.52	1.92	
13	1.04	27.00	5.08	3.62	7.56	9.80	35.40	7.60	5.12	3.45	2.52	1.80	
14	1.04	28.60	4.46	3.90	6.52	12.36	24.12	7.60	4.50	3.45	2.52	1.80	
15	1.04	20.16	4.60	3.62	6.04	11.40	35.40	7.60	4.35	3.45	2.52	1.80	
16	1.04	15.38	4.32	3.76	5.32	9.52	24.48	7.60	4.20	3.30	2.52	1.80	
17	1.04	14.36	4.04	3.62	8.40	10.12	25.20	7.29	4.20	3.30	2.52	1.80	
18	0.98	11.40	3.76	3.34	6.76	11.72	21.96	6.98	4.20	3.15	2.52	1.80	
19	1.10	7.84	6.76	3.34	7.28	52.00	13.30	6.98	4.20	3.15	2.40	1.72	
20	1.04	6.28	4.60	3.48	6.04	107.70	13.30	6.98	4.20	3.15	2.40	1.64	
21	1.04	5.56	5.08	4.04	21.96	35.80	12.10	8.77	4.05	3.15	2.76	1.64	
22	0.98	4.84	4.04	4.46	27.80	24.12	11.50	8.38	4.05	3.15	2.76	1.64	
23	0.92	3.90	3.34	3.76	18.78	20.52	10.72	7.29	3.90	3.00	2.52	1.56	
24	0.86	3.34	3.00	5.32	10.12	18.10	10.72	6.98	3.90	3.00	2.40	1.56	
25	0.80	3.00	3.10	4.60	8.40	17.08	10.33	6.98	3.90	3.00	2.40	1.64	
26	0.98	2.90	6.28	3.76	8.96	16.40	10.33	6.67	3.90	3.00	2.28	1.64	
27	1.28	3.10	18.44	3.76	8.96	16.74	9.94	6.36	3.90	3.00	2.28	1.56	
28	3.20	2.80	13.00	3.34	10.12	39.50	9.94	6.36	3.90	3.00	2.28	1.48	
29	1.56	2.90	6.76	3.34	10.76	90.00	9.55	6.36	3.90	3.60	2.16	1.48	
30	1.28	2.70	5.56	4.18	22.32	37.80	9.16	6.05	3.90	3.00		1.48	
31		7.84		9.80	19.80		9.16		3.90	3.00		1.48	
Total	32.80	367.68	204.22	128.64	335.66	664.36	616.63	247.03	146.43	103.80	79.04	57.36	2983.65 CMSDAY
Mean	1.09	11.86	6.81	4.15	10.83	22.15	19.89	8.23	4.72	3.35	2.73	1.85	8.15 CMS
Max	3.20	43.50	23.76	9.80	29.40	107.70	41.50	15.10	6.05	3.90	5.12	2.28	107.70 CMS
Min	0.80	1.04	3.00	3.34	3.48	6.76	9.16	6.05	3.90	3.00	2.16	1.48	0.80 CMS
Runoff	2.83	31.77	17.64	11.11	29.00	57.40	53.28	21.34	12.65	8.97	6.83	4.96	257.79 MCM
Momentary Peak	285.00 CMS. at 402.27 m. (MSL.) at 03.00 Hours , on Sep 29, 2007												
Runoff Yield	21.01 Liters/Second/Square KM.			Momentary Peak Yield 732.65 Liters/Second/Square KM.									

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Wang at Ban Phan Ton , Chiang Mai (P.84)

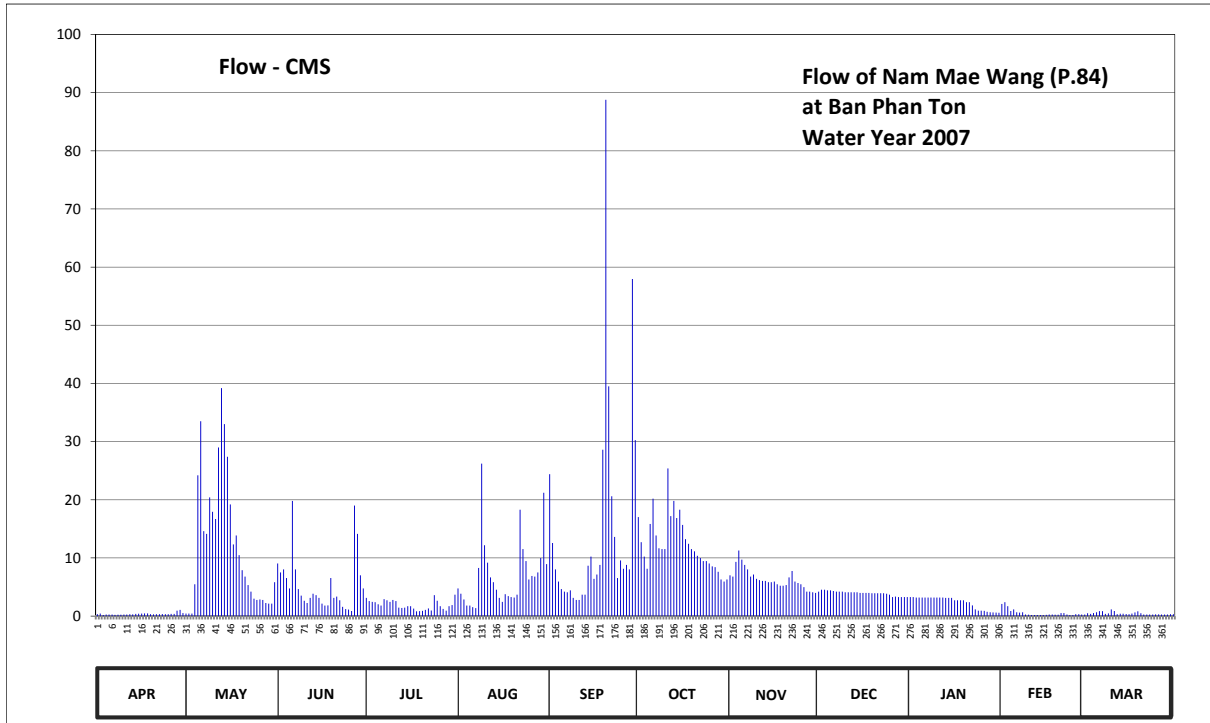
Lat 18 - 35 - 19 N Long 98 - 47 - 58 E

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	+303.240 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the abutment of the bridge.				Elevation	+309.240 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 58 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	303.77	303.81	304.92	304.39	304.57	305.87	305.49	304.76	304.52	304.41	304.23	303.74	
2	303.81	303.81	304.80	304.31	304.48	305.19	305.20	304.74	304.55	304.41	304.28	303.83	
3	303.68	303.81	304.84	304.29	304.35	304.84	305.01	304.94	304.55	304.40	304.16	303.79	
4	303.74	304.63	304.72	304.28	304.18	304.67	304.85	305.09	304.54	304.40	303.96	303.84	
5	303.73	305.86	304.57	304.22	304.18	304.56	305.42	304.97	304.54	304.40	304.04	303.89	
6	303.73	306.28	305.64	304.18	304.13	304.52	305.66	304.90	304.53	304.40	303.89	303.95	
7	303.71	305.34	304.84	304.36	304.09	304.51	305.29	304.84	304.52	304.40	303.87	303.95	
8	303.72	305.31	304.56	304.33	304.86	304.54	305.12	304.74	304.52	304.40	303.89	303.79	
9	303.72	305.67	304.44	304.29	305.96	304.39	305.11	304.77	304.52	304.40	303.74	303.82	
10	303.73	305.54	304.32	304.34	305.16	304.34	305.11	304.71	304.51	304.40	303.72	304.04	
11	303.74	305.47	304.26	304.31	304.93	304.34	305.92	304.69	304.51	304.40	303.69	303.96	
12	303.76	306.10	304.39	304.11	304.73	304.46	305.50	304.68	304.51	304.40	303.69	303.77	
13	303.75	306.49	304.48	304.10	304.66	304.46	305.64	304.68	304.51	304.39	303.69	303.80	
14	303.79	306.26	304.45	304.11	304.55	304.89	305.48	304.66	304.51	304.39	303.69	303.80	
15	303.80	306.02	304.39	304.16	304.39	305.01	305.56	304.66	304.50	304.39	303.68	303.78	
16	303.81	305.61	304.24	304.16	304.29	304.71	305.41	304.67	304.50	304.33	303.71	303.76	
17	303.82	305.17	304.18	304.07	304.47	304.77	305.24	304.63	304.50	304.33	303.74	303.81	
18	303.82	305.29	304.19	303.94	304.43	304.90	305.18	304.61	304.50	304.33	303.74	303.88	
19	303.76	305.03	304.72	303.95	304.41	306.08	305.11	304.61	304.49	304.33	303.72	303.94	
20	303.75	304.83	304.39	303.97	304.40	307.53	305.08	304.62	304.49	304.28	303.72	303.83	
21	303.76	304.74	304.42	304.02	304.46	306.50	305.02	304.73	304.49	304.28	303.84	303.74	
22	303.77	304.62	304.33	304.08	305.56	305.68	304.99	304.82	304.49	304.19	303.84	303.74	
23	303.78	304.52	304.14	303.99	305.11	305.27	304.95	304.67	304.49	304.04	303.74	303.74	
24	303.77	304.37	304.05	304.45	304.95	304.72	304.95	304.65	304.48	303.98	303.69	303.74	
25	303.77	304.34	304.03	304.32	304.70	304.96	304.92	304.63	304.46	303.98	303.68	303.75	
26	303.79	304.35	303.96	304.16	304.75	304.85	304.88	304.59	304.41	303.97	303.77	303.75	
27	303.79	304.34	305.60	304.06	304.74	304.90	304.87	304.52	304.42	303.91	303.77	303.74	
28	303.98	304.26	305.31	303.98	304.80	304.84	304.81	304.52	304.41	303.89	303.74	303.73	
29	304.02	304.24	304.76	304.16	304.99	307.01	304.70	304.51	304.41	303.88	303.70	303.74	
30	303.84	304.24	304.57	304.20	305.71	306.15	304.67	304.50	304.41	303.87	303.76	303.76	
31		304.66		304.46	304.91		304.70		304.41	303.86	303.77		
Mean	303.78	305.00	304.55	304.19	304.71	305.12	305.16	304.70	304.49	304.24	303.81	303.81	
Max	304.02	306.49	305.64	304.46	305.96	307.53	305.92	305.09	304.55	304.41	304.28	304.04	307.53
Min	303.68	303.81	303.96	303.94	304.09	304.34	304.67	304.50	304.41	303.86	303.68	303.73	303.68
Annual Max Momentary Gage Height	308.24		m. (MSL.) ,			at 04.00 Hours ,	on Sep 29, 2007						
Zero Gage at Bottom Elevation	303.24		m. (MSL.) ,			River Bed	303.24	m. (MSL.)					
Left Bank Elevation		309.03		m. (MSL.) ,									
Right Bank Elevation		309.01		m. (MSL.) ,		Drainage Are	491	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.34	0.43	9.06	3.13	4.77	24.40	17.03	7.02	4.22	3.28	2.08	0.28	
2	0.43	0.43	7.50	2.57	3.84	12.57	12.70	6.78	4.55	3.28	2.38	0.49	
3	0.18	0.43	8.02	2.44	2.85	8.02	10.23	9.32	4.55	3.20	1.70	0.38	
4	0.28	5.46	6.54	2.38	1.80	5.94	8.15	11.27	4.44	3.20	0.88	0.52	
5	0.26	24.20	4.77	2.02	1.80	4.66	15.84	9.71	4.44	3.20	1.16	0.67	
6	0.26	33.50	19.80	1.80	1.55	4.22	20.20	8.80	4.33	3.20	0.67	0.85	
7	0.22	14.60	8.02	2.92	1.36	4.11	13.87	8.02	4.22	3.20	0.61	0.85	
8	0.24	14.15	4.66	2.71	8.28	4.44	11.66	6.78	4.22	3.20	0.67	0.38	
9	0.24	20.40	3.52	2.44	26.20	3.13	11.53	7.14	4.22	3.20	0.28	0.46	
10	0.26	17.92	2.64	2.78	12.18	2.78	11.53	6.42	4.11	3.20	0.24	1.16	
11	0.28	16.69	2.26	2.57	9.19	2.78	25.40	6.18	4.11	3.20	0.19	0.88	
12	0.32	29.00	3.13	1.45	6.66	3.68	17.20	6.06	4.11	3.20	0.19	0.34	
13	0.30	39.20	3.84	1.40	5.82	3.68	19.80	6.06	4.11	3.13	0.19	0.40	
14	0.38	33.00	3.60	1.45	4.55	8.67	16.86	5.82	4.11	3.13	0.19	0.40	
15	0.40	27.40	3.13	1.70	3.13	10.23	18.28	5.82	4.00	3.13	0.18	0.36	
16	0.43	19.20	2.14	1.70	2.44	6.42	15.67	5.94	4.00	2.71	0.22	0.32	
17	0.46	12.31	1.80	1.28	3.76	7.14	13.22	5.46	4.00	2.71	0.28	0.43	
18	0.46	13.87	1.85	0.82	3.44	8.80	12.44	5.22	4.00	2.71	0.28	0.64	
19	0.32	10.49	6.54	0.85	3.28	28.60	11.53	5.22	3.92	2.71	0.24	0.82	
20	0.30	7.89	3.13	0.91	3.20	88.75	11.14	5.34	3.92	2.38	0.24	0.49	
21	0.32	6.78	3.36	1.08	3.68	39.50	10.36	6.66	3.92	2.38	0.52	0.28	
22	0.34	5.34	2.71	1.32	18.28	20.60	9.97	7.76	3.92	1.85	0.52	0.28	
23	0.36	4.22	1.60	0.97	11.53	13.61	9.45	5.94	3.92	1.16	0.28	0.28	
24	0.34	2.99	1.20	3.60	9.45	6.54	9.45	5.70	3.84	0.94	0.19	0.28	
25	0.34	2.78	1.12	2.64	6.30	9.58	9.06	5.46	3.68	0.94	0.18	0.30	
26	0.38	2.85	0.88	1.70	6.90	8.15	8.54	4.99	3.28	0.91	0.34	0.30	
27	0.38	2.78	19.00	1.24	6.78	8.80	8.41	4.22	3.36	0.73	0.34	0.28	
28	0.94	2.26	14.15	0.94	7.50	8.02	7.63	4.22	3.28	0.67	0.28	0.26	
29	1.08	2.14	7.02	1.70	9.97	57.95	6.30	4.11	3.28	0.64	0.20	0.28	
30	0.52	2.14	4.77	1.90	21.20	30.25	5.94	4.00	3.28	0.61		0.32	
31		5.82		3.68	8.93		6.30		3.28	0.58		0.34	
Total	11.36	380.67	161.76	60.09	220.62	446.02	385.69	191.44	122.62	72.58	15.72	14.32	2082.89 CMSDAY
Mean	0.38	12.28	5.39	1.94	7.12	14.87	12.44	6.38	3.96	2.34	0.54	0.46	5.69 CMS
Max	1.08	39.20	19.80	3.68	26.20	88.75	25.40	11.27	4.55	3.28	2.38	1.16	88.75 CMS
Min	0.18	0.43	0.88	0.82	1.36	2.78	5.94	4.00	3.28	0.58	0.18	0.26	0.18 CMS
Runoff	0.98	32.89	13.98	5.19	19.06	38.54	33.32	16.54	10.59	6.27	1.36	1.24	179.96 MCM
Momentary Peak	150.10 CMS. at 308.24 m. (MSL.) at 04.00 Hours , on Sep 29, 2007												
Runoff Yield	11.62 Liters/Second/Square KM.			Momentary Peak Yield			305.70 Liters/Second/Square KM.						

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Li at Ban Lai Khaeo , Lamphun (P.85)

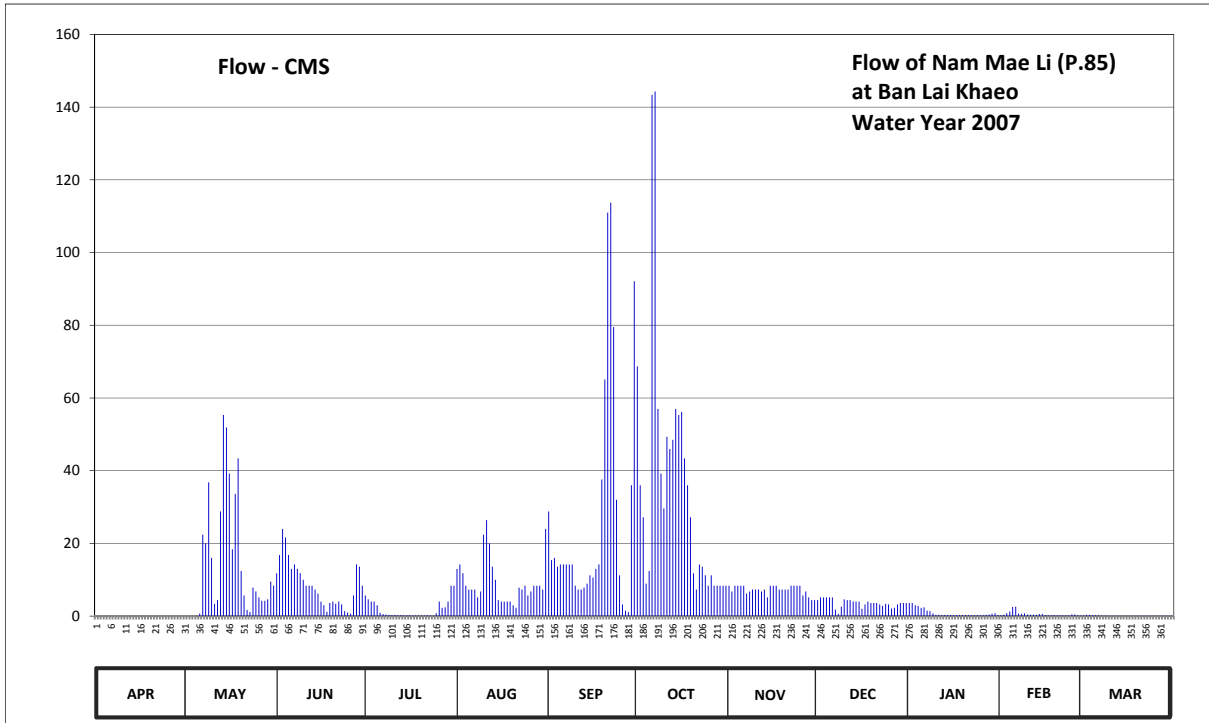
Lat 18 - 21 - 49 N Long 98 - 46 - 31 E

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	+290.368 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation +295.123 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 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	290.02	289.87	291.13	291.02	291.15	291.36	291.83	291.07	290.99	290.95	290.27	290.18	
2	290.02	289.87	291.21	291.00	291.17	291.19	291.45	291.04	291.01	290.95	290.40	290.35	
3	290.00	289.87	291.30	290.97	291.13	291.20	291.34	291.07	291.01	290.92	290.59	290.33	
4	290.00	289.87	291.27	290.97	291.07	291.16	291.08	291.07	291.01	290.91	290.72	290.27	
5	290.00	289.91	291.21	290.92	291.05	291.17	291.14	291.07	291.01	290.87	290.89	290.28	
6	289.98	290.55	291.15	290.63	291.05	291.17	292.66	291.07	291.01	290.88	290.90	290.21	
7	289.98	291.28	291.17	290.48	291.05	291.17	292.67	291.03	290.82	290.77	290.55	290.12	
8	289.97	291.25	291.15	290.41	291.01	291.17	291.70	291.04	290.51	290.74	290.51	290.12	
9	289.97	291.46	291.13	290.37	291.04	291.17	291.49	291.05	290.90	290.57	290.58	290.07	
10	289.96	291.20	291.10	290.32	291.28	291.07	291.37	291.05	291.00	290.37	290.42	290.07	
11	289.96	290.94	291.07	290.29	291.33	291.05	291.61	291.05	290.99	290.37	290.38	290.07	
12	289.96	290.99	291.07	290.28	291.25	291.05	291.57	291.04	290.99	290.32	290.38	290.07	
13	289.94	291.36	291.07	290.25	291.16	291.06	291.60	291.05	290.97	290.32	290.39	290.07	
14	289.94	291.68	291.05	290.23	291.10	291.08	291.70	291.01	290.97	290.32	290.49	290.07	
15	289.92	291.64	291.03	290.22	290.99	291.12	291.68	291.07	290.97	290.32	290.50	290.07	
16	289.92	291.49	290.97	290.20	290.97	291.11	291.69	291.07	290.84	290.32	290.31	290.07	
17	289.90	291.23	290.92	290.19	290.97	291.15	291.54	291.07	290.93	290.31	290.24	290.07	
18	289.90	291.42	290.70	290.18	290.97	291.17	291.45	291.05	290.97	290.32	290.23	290.07	
19	289.89	291.54	290.95	290.17	290.97	291.47	291.34	291.05	290.95	290.31	290.27	290.07	
20	289.89	291.14	290.97	290.16	290.92	291.79	291.13	291.05	290.95	290.29	290.21	290.07	
21	289.88	291.02	290.94	290.16	290.87	292.30	291.05	291.05	290.95	290.29	290.21	290.07	
22	289.88	290.81	290.97	290.21	291.06	292.33	291.17	291.07	290.93	290.27	290.21	290.07	
23	289.87	290.68	290.93	290.19	291.05	291.95	291.16	291.07	290.91	290.25	290.21	290.07	
24	289.87	291.06	290.74	290.12	291.07	291.40	291.12	291.07	290.94	290.25	290.21	290.07	
25	289.87	291.04	290.64	290.59	291.02	291.12	291.07	291.07	290.93	290.24	290.45	290.07	
26	289.87	291.01	290.53	290.97	291.04	290.93	291.12	291.02	290.85	290.27	290.42	290.07	
27	289.87	290.98	291.02	290.87	291.07	290.77	291.07	291.04	290.87	290.33	290.21	290.07	
28	289.87	290.98	291.17	290.88	291.07	290.67	291.07	291.01	290.93	290.42	290.18	290.07	
29	289.87	291.00	291.16	290.97	291.07	291.45	291.07	290.99	290.95	290.53	290.12	290.07	
30	289.87	291.09	291.07	291.07	291.05	292.09	291.07	290.99	290.95	290.59	290.59	290.07	
31		291.07		291.07	291.30		291.07		290.95	290.32		290.07	
Mean	289.93	290.95	291.03	290.53	291.07	291.30	291.42	291.05	290.93	290.48	290.39	290.11	
Max	290.02	291.68	291.30	291.07	291.33	292.33	292.67	291.07	291.01	290.95	290.90	290.35	292.67
Min	289.87	289.87	290.53	290.12	290.87	290.67	291.05	290.99	290.51	290.24	290.12	290.07	289.87
Annual Max Momentary Gage Height	293.22		m. (MSL.) ,				at 01.00 Hours , on Oct 7 , 2007						
Zero Gage at Bottom Elevation	290.37		m. (MSL.) ,			River Bed	289.80	m. (MSL.)					
Left Bank Elevation		295.35		m. (MSL.) ,									
Right Bank Elevation		295.34		m. (MSL.) ,		Drainage Are	2,037	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	0.01	11.80	5.68	13.00	28.80	68.70	8.38	4.40	3.60	0.27	0.18	
2	0.06	0.01	16.80	4.60	14.20	15.40	36.00	6.76	5.14	3.60	0.40	0.35	
3	0.05	0.01	24.00	4.00	11.80	16.00	27.20	8.38	5.14	3.00	0.78	0.33	
4	0.05	0.01	21.60	4.00	8.38	13.60	8.92	8.38	5.14	2.80	1.28	0.27	
5	0.05	0.02	16.80	3.00	7.30	14.20	12.40	8.38	5.14	2.30	2.50	0.28	
6	0.04	0.70	13.00	0.92	7.30	14.20	143.40	8.38	5.14	2.40	2.60	0.21	
7	0.04	22.40	14.20	0.56	7.30	14.20	144.30	6.22	1.80	1.48	0.70	0.12	
8	0.04	20.00	13.00	0.42	5.14	14.20	57.00	6.76	0.62	1.36	0.62	0.12	
9	0.04	36.80	11.80	0.37	6.76	14.20	39.20	7.30	2.60	0.74	0.76	0.09	
10	0.04	16.00	10.00	0.32	22.40	8.38	29.60	7.30	4.60	0.37	0.44	0.09	
11	0.04	3.40	8.38	0.29	26.40	7.30	49.35	7.30	4.40	0.37	0.38	0.09	
12	0.04	4.40	8.38	0.28	20.00	7.30	45.95	6.76	4.40	0.32	0.38	0.09	
13	0.03	28.80	8.38	0.25	13.60	7.84	48.50	7.30	4.00	0.32	0.39	0.09	
14	0.03	55.30	7.30	0.23	10.00	8.92	57.00	5.14	4.00	0.32	0.58	0.09	
15	0.03	51.90	6.22	0.22	4.40	11.20	55.30	8.38	4.00	0.32	0.60	0.09	
16	0.03	39.20	4.00	0.20	4.00	10.60	56.15	8.38	2.00	0.32	0.31	0.09	
17	0.02	18.40	3.00	0.19	4.00	13.00	43.40	8.38	3.20	0.31	0.24	0.09	
18	0.02	33.60	1.20	0.18	4.00	14.20	36.00	7.30	4.00	0.32	0.23	0.09	
19	0.02	43.40	3.60	0.17	4.00	37.60	27.20	7.30	3.60	0.31	0.27	0.09	
20	0.02	12.40	4.00	0.16	3.00	65.10	11.80	7.30	3.60	0.29	0.21	0.09	
21	0.02	5.68	3.40	0.16	2.30	111.00	7.30	7.30	3.60	0.29	0.21	0.09	
22	0.02	1.70	4.00	0.21	7.84	113.70	14.20	8.38	3.20	0.27	0.21	0.09	
23	0.01	1.12	3.20	0.19	7.30	79.50	13.60	8.38	2.80	0.25	0.21	0.09	
24	0.01	7.84	1.36	0.12	8.38	32.00	11.20	8.38	3.40	0.25	0.21	0.09	
25	0.01	6.76	0.96	0.78	5.68	11.20	8.38	8.38	3.20	0.24	0.50	0.09	
26	0.01	5.14	0.66	4.00	6.76	3.20	11.20	5.68	2.10	0.27	0.44	0.09	
27	0.01	4.20	5.68	2.30	8.38	1.48	8.38	6.76	2.30	0.33	0.21	0.09	
28	0.01	4.20	14.20	2.40	8.38	1.08	8.38	5.14	3.20	0.44	0.18	0.09	
29	0.01	4.60	13.60	4.00	8.38	36.00	8.38	4.40	3.60	0.66	0.12	0.09	
30	0.01	9.46	8.38	8.38	7.30	92.10	8.38	4.40	3.60	0.78		0.09	
31		8.38		8.38	24.00		8.38		3.60	0.32		0.09	
Total	0.87	445.84	262.90	56.96	291.68	817.50	1105.15	216.98	111.52	28.95	16.23	3.93	3358.51 CMSDAY
Mean	0.03	14.38	8.76	1.84	9.41	27.25	35.65	7.23	3.60	0.93	0.56	0.13	9.18 CMS
Max	0.06	55.30	24.00	8.38	26.40	113.70	144.30	8.38	5.14	3.60	2.60	0.35	144.30 CMS
Min	0.01	0.01	0.66	0.12	2.30	1.08	7.30	4.40	0.62	0.24	0.12	0.09	0.01 CMS
Runoff	0.08	38.52	22.71	4.92	25.20	70.63	95.48	18.75	9.64	2.50	1.40	0.34	290.18 MCM
Momentary Peak	196.00	CMS.	at 293.22 m. (MSL.)	at 01.00 Hours	, on Oct 7, 2007								
Runoff Yield	4.52	Liters/Second/Square KM.		Momentary Peak Yield	96.22	Liters/Second/Square KM.							

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae On at Ban Hong , Chiang Mai (P.86)

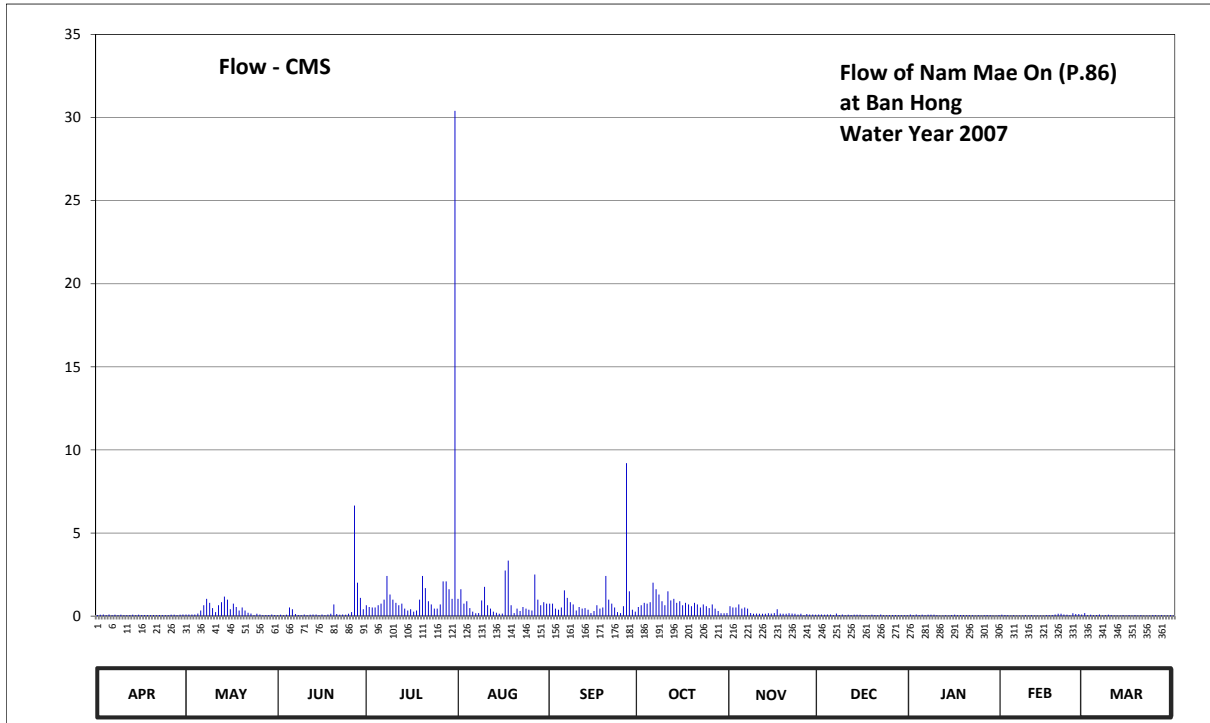
Lat 18 - 44 - 18 N Long 99 - 13 - 18 E

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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 35 discharge measurements made in 2007.		

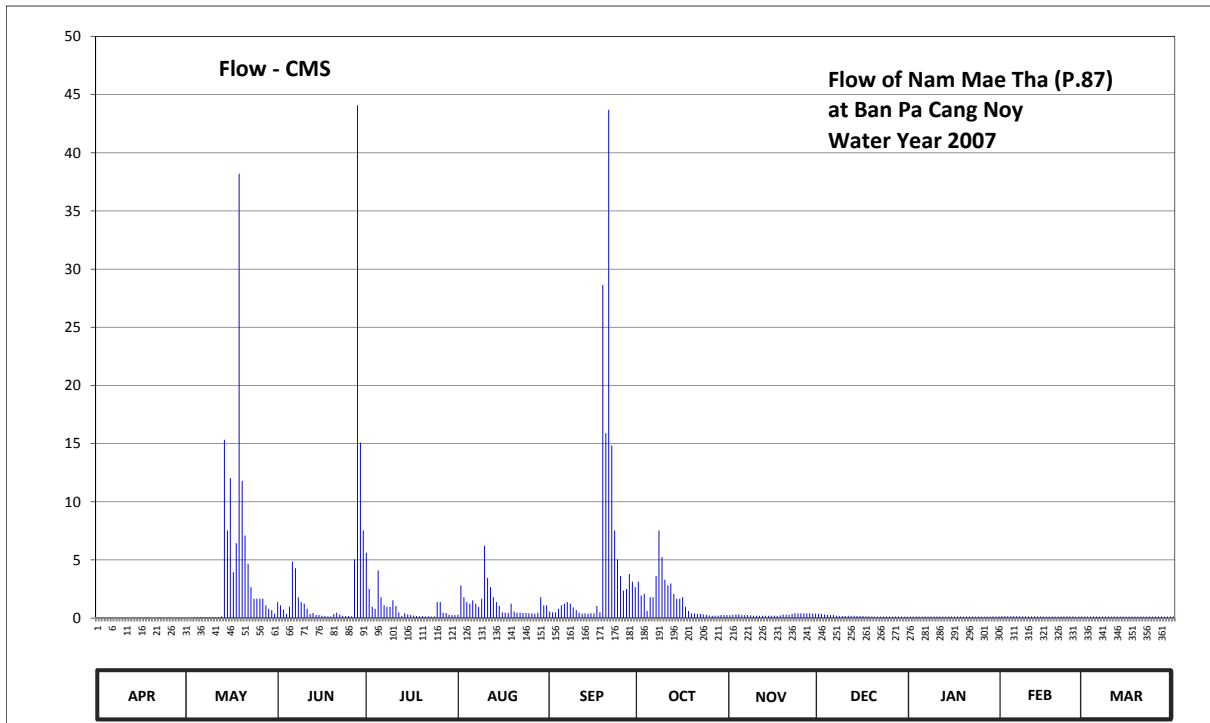
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	341.62	341.64	341.61	341.82	341.90	341.84	341.80	341.81	341.64	341.64	341.63	341.69	
2	341.63	341.64	341.63	341.80	341.99	341.84	341.82	341.79	341.64	341.62	341.62	341.61	
3	341.64	341.64	341.61	341.79	341.84	341.77	341.85	341.79	341.63	341.64	341.61	341.63	
4	341.61	341.64	341.63	341.79	341.87	341.75	341.84	341.83	341.64	341.62	341.60	341.61	
5	341.64	341.67	341.79	341.82	341.78	341.79	341.86	341.77	341.64	341.63	341.61	341.62	
6	341.61	341.74	341.76	341.84	341.72	341.98	342.04	341.79	341.62	341.61	341.59	341.64	
7	341.63	341.82	341.65	341.89	341.68	341.91	341.99	341.77	341.67	341.63	341.58	341.59	
8	341.61	341.90	341.62	342.09	341.69	341.86	341.94	341.69	341.62	341.63	341.60	341.61	
9	341.63	341.85	341.61	341.94	341.88	341.83	341.87	341.66	341.64	341.63	341.61	341.63	
10	341.61	341.78	341.64	341.89	342.01	341.74	341.82	341.67	341.61	341.61	341.59	341.61	
11	341.61	341.71	341.61	341.85	341.82	341.80	341.97	341.66	341.63	341.59	341.61	341.60	
12	341.62	341.82	341.63	341.82	341.77	341.77	341.88	341.66	341.62	341.60	341.60	341.60	
13	341.63	341.86	341.64	341.84	341.72	341.78	341.90	341.66	341.63	341.61	341.59	341.60	
14	341.61	341.92	341.64	341.77	341.70	341.75	341.85	341.68	341.63	341.60	341.60	341.61	
15	341.63	341.89	341.61	341.74	341.66	341.69	341.87	341.67	341.63	341.62	341.60	341.59	
16	341.62	341.76	341.64	341.76	341.67	341.73	341.82	341.69	341.61	341.63	341.62	341.61	
17	341.62	341.84	341.61	341.72	342.12	341.82	341.85	341.76	341.62	341.61	341.61	341.59	
18	341.62	341.80	341.64	341.74	342.17	341.77	341.83	341.67	341.61	341.62	341.62	341.61	
19	341.61	341.74	341.66	341.89	341.82	341.79	341.81	341.66	341.63	341.62	341.64	341.59	
20	341.62	341.79	341.83	342.09	341.69	342.09	341.85	341.66	341.62	341.61	341.66	341.61	
21	341.61	341.74	341.65	342.00	341.77	341.89	341.83	341.68	341.61	341.61	341.66	341.60	
22	341.62	341.70	341.63	341.87	341.73	341.84	341.79	341.67	341.64	341.61	341.64	341.60	
23	341.62	341.67	341.64	341.83	341.80	341.79	341.83	341.66	341.61	341.59	341.63	341.60	
24	341.61	341.61	341.63	341.77	341.77	341.71	341.81	341.64	341.61	341.61	341.61	341.61	
25	341.61	341.66	341.66	341.77	341.75	341.69	341.78	341.66	341.61	341.60	341.68	341.61	
26	341.63	341.64	341.71	341.83	341.74	341.81	341.83	341.61	341.62	341.61	341.65	341.59	
27	341.63	341.61	342.39	342.05	342.10	342.55	341.77	341.65	341.62	341.62	341.65	341.61	
28	341.61	341.62	342.04	342.05	341.89	341.97	341.73	341.64	341.61	341.61	341.64	341.60	
29	341.63	341.62	341.91	341.99	341.82	341.75	341.68	341.64	341.61	341.60	341.66	341.60	
30	341.64	341.64	341.76	341.90	341.86	341.72	341.68	341.63	341.61	341.60	341.60	341.61	
31		341.62		343.60	341.84		341.69		341.61	341.61		341.60	
Mean	341.62	341.73	341.70	341.92	341.82	341.83	341.83	341.69	341.62	341.61	341.62	341.61	
Max	341.64	341.92	342.39	343.60	342.17	342.55	342.04	341.83	341.67	341.64	341.68	341.69	343.60
Min	341.61	341.61	341.61	341.72	341.66	341.69	341.68	341.61	341.61	341.59	341.58	341.59	341.58
Annual Max Momentary Gage Height	343.91		m. (MSL.) ,				at 09.00 Hours , on Jul 31 , 2007						
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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	0.10	0.06	0.65	1.04	0.75	0.55	0.60	0.10	0.10	0.09	0.18	
2	0.09	0.10	0.09	0.55	1.62	0.75	0.65	0.52	0.10	0.07	0.07	0.06	
3	0.10	0.10	0.06	0.52	0.75	0.45	0.80	0.52	0.09	0.10	0.06	0.09	
4	0.06	0.10	0.09	0.52	0.89	0.38	0.75	0.70	0.10	0.07	0.04	0.06	
5	0.10	0.15	0.52	0.65	0.48	0.52	0.84	0.45	0.10	0.09	0.06	0.07	
6	0.06	0.34	0.41	0.75	0.27	1.55	2.01	0.52	0.07	0.06	0.04	0.10	
7	0.09	0.65	0.12	0.99	0.17	1.10	1.62	0.45	0.15	0.09	0.04	0.04	
8	0.06	1.04	0.07	2.42	0.18	0.84	1.30	0.18	0.07	0.09	0.04	0.06	
9	0.09	0.80	0.06	1.30	0.94	0.70	0.89	0.14	0.10	0.09	0.06	0.09	
10	0.06	0.48	0.10	0.99	1.76	0.34	0.65	0.15	0.06	0.06	0.04	0.06	
11	0.06	0.24	0.06	0.80	0.65	0.55	1.49	0.14	0.09	0.04	0.06	0.04	
12	0.07	0.65	0.09	0.65	0.45	0.45	0.94	0.14	0.07	0.04	0.04	0.04	
13	0.09	0.84	0.10	0.75	0.27	0.48	1.04	0.14	0.09	0.06	0.04	0.04	
14	0.06	1.17	0.10	0.45	0.20	0.38	0.80	0.17	0.09	0.04	0.04	0.06	
15	0.09	0.99	0.06	0.34	0.14	0.18	0.89	0.15	0.09	0.07	0.04	0.04	
16	0.07	0.41	0.10	0.41	0.15	0.31	0.65	0.18	0.06	0.09	0.07	0.06	
17	0.07	0.75	0.06	0.27	2.74	0.65	0.80	0.41	0.07	0.06	0.06	0.04	
18	0.07	0.55	0.10	0.34	3.34	0.45	0.70	0.15	0.06	0.07	0.07	0.06	
19	0.06	0.34	0.14	0.99	0.65	0.52	0.60	0.14	0.09	0.07	0.10	0.04	
20	0.07	0.52	0.70	2.42	0.18	2.42	0.80	0.14	0.07	0.06	0.14	0.06	
21	0.06	0.34	0.12	1.68	0.45	0.99	0.70	0.17	0.06	0.06	0.14	0.04	
22	0.07	0.20	0.09	0.89	0.31	0.75	0.52	0.15	0.10	0.06	0.10	0.04	
23	0.07	0.15	0.10	0.70	0.55	0.52	0.70	0.14	0.06	0.04	0.09	0.04	
24	0.06	0.06	0.09	0.45	0.45	0.24	0.60	0.10	0.06	0.06	0.06	0.06	
25	0.06	0.14	0.14	0.45	0.38	0.18	0.48	0.14	0.06	0.04	0.17	0.06	
26	0.09	0.10	0.24	0.70	0.34	0.60	0.70	0.06	0.07	0.06	0.12	0.04	
27	0.09	0.06	6.65	2.09	2.50	9.20	0.45	0.12	0.07	0.07	0.12	0.06	
28	0.06	0.07	2.01	2.09	0.99	1.49	0.31	0.10	0.06	0.06	0.10	0.04	
29	0.09	0.07	1.10	1.62	0.65	0.38	0.17	0.10	0.06	0.04	0.14	0.04	
30	0.10	0.10	0.41	1.04	0.84	0.27	0.17	0.09	0.06	0.04		0.06	
31		0.07		30.40	0.75		0.18		0.06	0.06		0.04	
Total	2.24	11.68	14.04	58.87	25.08	28.39	23.75	7.16	2.44	2.01	2.24	1.81	179.71 CMSDAY
Mean	0.07	0.38	0.47	1.90	0.81	0.95	0.77	0.24	0.08	0.06	0.08	0.06	0.49 CMS
Max	0.10	1.17	6.65	30.40	3.34	9.20	2.01	0.70	0.15	0.10	0.17	0.18	30.40 CMS
Min	0.06	0.06	0.06	0.27	0.14	0.18	0.17	0.06	0.06	0.04	0.04	0.04	0.04 CMS
Runoff	0.19	1.01	1.21	5.09	2.17	2.45	2.05	0.62	0.21	0.17	0.19	0.16	15.53 MCM
Momentary Peak	37.64 CMS. at 343.91 m. (MSL.) at 09.00 Hours , on Jul 31 , 2007												
Runoff Yield	5.08 Liters/Second/Square KM.			Momentary Peak Yield 388.04 Liters/Second/Square KM.									



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.03	1.38	5.62	0.29	0.56	3.14	0.26	0.38	0.14	0.16	0.14	
2	0.03	0.03	1.10	2.50	2.82	0.50	1.94	0.29	0.35	0.14	0.17	0.14	
3	0.03	0.03	0.74	0.98	1.80	0.50	2.08	0.32	0.32	0.14	0.16	0.14	
4	0.03	0.05	0.35	0.80	1.38	0.80	0.62	0.32	0.29	0.14	0.16	0.14	
5	0.03	0.08	0.98	4.10	1.24	1.10	1.80	0.26	0.26	0.14	0.16	0.14	
6	0.03	0.08	4.86	1.80	1.52	1.24	1.80	0.26	0.26	0.14	0.16	0.14	
7	0.03	0.07	4.29	1.10	1.24	1.38	3.62	0.26	0.20	0.14	0.15	0.14	
8	0.03	0.07	1.80	0.98	0.98	1.24	7.54	0.23	0.19	0.14	0.15	0.14	
9	0.03	0.07	1.38	0.98	1.66	0.92	5.24	0.20	0.18	0.14	0.15	0.14	
10	0.03	0.07	1.24	1.52	6.22	0.68	3.30	0.20	0.18	0.14	0.15	0.14	
11	0.03	0.07	0.80	1.04	3.46	0.47	2.82	0.20	0.20	0.14	0.15	0.14	
12	0.03	0.09	0.35	0.50	2.66	0.38	2.98	0.20	0.19	0.14	0.15	0.14	
13	0.03	0.15	0.44	0.18	1.80	0.41	2.08	0.20	0.19	0.14	0.15	0.14	
14	0.03	15.34	0.26	0.41	1.38	0.38	1.66	0.20	0.18	0.14	0.14	0.14	
15	0.03	7.54	0.26	0.32	1.04	0.41	1.66	0.20	0.18	0.14	0.14	0.14	
16	0.03	12.04	0.20	0.26	0.50	0.41	1.80	0.20	0.18	0.14	0.14	0.14	
17	0.03	3.94	0.18	0.20	0.47	1.04	0.98	0.19	0.16	0.14	0.14	0.14	
18	0.03	6.44	0.15	0.18	0.44	0.50	0.62	0.23	0.15	0.14	0.14	0.14	
19	0.03	38.20	0.13	0.16	1.24	28.64	0.41	0.32	0.15	0.14	0.14	0.14	
20	0.03	11.80	0.35	0.16	0.56	15.90	0.38	0.29	0.14	0.14	0.14	0.14	
21	0.03	7.10	0.47	0.15	0.47	43.70	0.35	0.29	0.14	0.14	0.14	0.14	
22	0.02	4.67	0.32	0.15	0.47	14.82	0.35	0.35	0.14	0.14	0.15	0.14	
23	0.02	2.66	0.20	0.14	0.44	7.54	0.32	0.41	0.13	0.14	0.15	0.14	
24	0.02	1.66	0.18	0.14	0.44	5.05	0.29	0.41	0.13	0.14	0.15	0.14	
25	0.02	1.66	0.18	1.38	0.41	3.62	0.23	0.41	0.13	0.14	0.15	0.14	
26	0.02	1.66	0.15	1.38	0.41	2.36	0.20	0.41	0.14	0.14	0.14	0.14	
27	0.03	1.66	5.05	0.47	0.38	2.50	0.20	0.41	0.14	0.14	0.14	0.14	
28	0.03	1.10	44.08	0.44	0.47	3.78	0.20	0.41	0.13	0.14	0.15	0.14	
29	0.03	0.80	15.08	0.29	1.80	3.14	0.26	0.38	0.13	0.15	0.15	0.14	
30	0.03	0.68	7.54	0.26	1.10	2.66	0.26	0.38	0.12	0.15	0.14	0.14	
31		0.38		0.26	1.10		0.26		0.12	0.15		0.14	
Total	0.86	120.22	94.49	28.85	40.19	146.63	49.39	8.69	5.78	4.37	4.32	4.34	508.13 CMSDAY
Mean	0.03	3.88	3.15	0.93	1.30	4.89	1.59	0.29	0.19	0.14	0.15	0.14	1.39 CMS
Max	0.04	38.20	44.08	5.62	6.22	43.70	7.54	0.41	0.38	0.15	0.17	0.14	44.08 CMS
Min	0.02	0.03	0.13	0.14	0.29	0.38	0.20	0.19	0.12	0.14	0.14	0.14	0.02 CMS
Runoff	0.07	10.39	8.16	2.49	3.47	12.67	4.27	0.75	0.50	0.38	0.37	0.37	43.90 MCM
Momentary Peak	60.20 CMS. at 3.10 m. (A.D.) at 06.00 Hours , on Sep 21 , 2007												
Runoff Yield	1.49	Liters/Second/Square KM.		Momentary Peak Yield			64.45	Liters/Second/Square KM.					

WATER YEAR : 2007**WANG RIVER BASIN****Wang River at Setuwaree Bridge , Lampang (W.1C)**

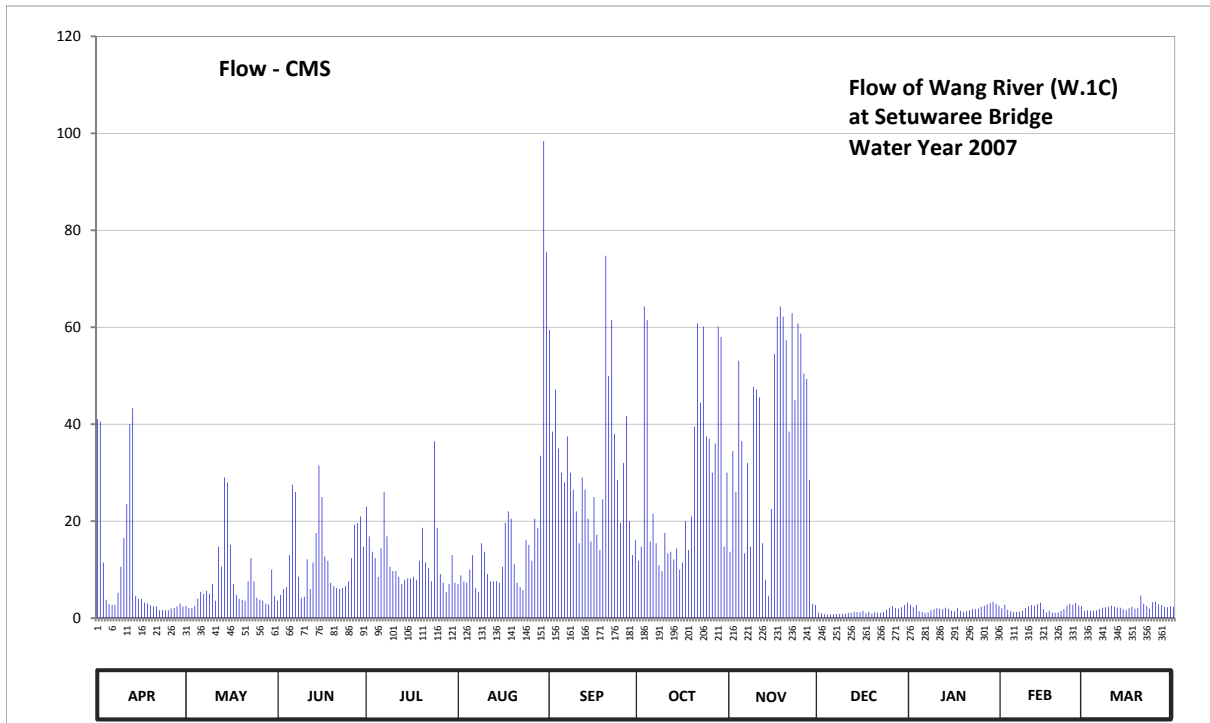
Lat 18 - 17 - 51 N Long 99 - 30 - 56 E

Location : on left bank at the bridge.

	Ban	Setuwaree Bridge	Amphoe	Mueang	Changwat	Lampang
Drainage Area	3,478	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+229.300 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the approach of the bridge.				Elevation	+234.725 m. (MSL.)
Gage Reading Frequency	Recording.					
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings					
Period of Available Gage Records	1990 - 1998, 2006 to date					
Rating Operation						
Period of Rating	1990 - 1998, 2006 to date					
Rated by Flot	-					
Rated by Current Meter	1990 - 1998, 2006 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 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	229.62	228.55	228.63	229.26	228.80	229.92	228.96	229.02	228.57	228.74	228.67	228.62	
2	229.61	228.51	228.69	229.11	228.86	229.57	229.05	229.49	228.55	228.69	228.74	228.63	
3	228.95	228.51	228.75	229.02	228.82	229.73	229.99	229.32	228.51	228.73	228.64	228.62	
4	228.64	228.55	228.77	228.98	228.81	229.50	229.95	229.83	228.50	228.61	228.61	228.62	
5	228.59	228.65	229.00	228.85	228.90	229.40	229.08	229.53	228.50	228.59	228.59	228.63	
6	228.57	228.72	229.35	229.04	229.00	229.36	229.23	229.01	228.50	228.56	228.59	228.65	
7	228.57	228.70	229.32	229.32	228.76	229.55	229.07	229.44	228.52	228.58	228.60	228.68	
8	228.71	228.73	228.85	229.11	228.72	229.40	228.93	229.05	228.51	228.63	228.62	228.69	
9	228.92	228.70	228.66	228.92	229.07	229.33	228.89	229.74	228.52	228.65	228.67	228.70	
10	229.10	228.80	228.67	228.89	229.02	229.24	229.13	229.73	228.53	228.67	228.71	228.72	
11	229.27	228.63	228.97	228.89	228.87	229.07	229.01	229.70	228.56	228.66	228.73	228.70	
12	229.60	229.05	228.75	228.85	228.82	229.38	229.02	229.07	228.56	228.65	228.72	228.68	
13	229.66	228.92	228.95	228.80	228.82	229.33	228.97	228.83	228.59	228.68	228.75	228.68	
14	228.68	229.38	229.13	228.83	228.82	229.21	229.04	228.68	228.59	228.66	228.78	228.65	
15	228.65	229.36	229.43	228.84	228.81	229.08	228.90	229.25	228.58	228.62	228.65	228.63	
16	228.65	229.06	229.30	228.84	228.92	229.30	228.95	229.85	228.62	228.61	228.58	228.67	
17	228.61	228.80	228.99	228.85	229.19	229.12	229.20	229.96	228.55	228.67	228.62	228.70	
18	228.60	228.69	228.96	228.83	229.24	229.03	229.03	229.99	228.60	228.62	228.57	228.66	
19	228.56	228.65	228.81	228.96	229.21	229.29	229.22	229.96	228.54	228.59	228.56	228.67	
20	228.54	228.64	228.78	229.16	228.94	230.13	229.59	229.89	228.58	228.61	228.58	228.90	
21	228.54	228.63	228.76	228.95	228.81	229.78	229.94	229.57	228.57	228.63	228.62	228.76	
22	228.46	228.82	228.75	228.91	228.77	229.95	229.68	229.97	228.56	228.65	228.65	228.71	
23	228.47	228.98	228.76	228.82	228.74	229.56	229.93	229.69	228.59	228.65	228.72	228.66	
24	228.46	228.82	228.78	229.53	229.09	229.37	229.55	229.94	228.64	228.66	228.76	228.79	
25	228.46	228.66	228.82	229.16	229.06	229.19	229.54	229.91	228.68	228.70	228.74	228.80	
26	228.50	228.64	228.98	228.87	228.96	229.44	229.40	229.79	228.71	228.72	228.77	228.75	
27	228.51	228.63	229.18	228.81	229.21	229.63	229.52	229.77	228.67	228.75	228.72	228.73	
28	228.54	228.60	229.19	228.72	229.16	229.20	229.93	229.37	228.66	228.77	228.71	228.70	
29	228.60	228.58	229.22	228.80	229.47	229.00	229.90	228.59	228.69	228.80	228.66	228.69	
30	228.54	228.90	229.05	229.00	230.44	229.09	229.05	228.57	228.73	228.76	228.76	228.71	
31		228.68		228.81	230.14		229.40		228.78	228.72		228.70	
Mean	228.77	228.76	228.94	228.96	229.04	229.41	229.32	229.48	228.59	228.67	228.67	228.69	
Max	229.66	229.38	229.43	229.53	230.44	230.13	229.99	229.99	228.78	228.80	228.78	228.90	230.44
Min	228.46	228.51	228.63	228.72	228.72	229.00	228.89	228.57	228.50	228.56	228.56	228.62	228.46
Annual Max Momentary Gage Height	230.47		m. (MSL.) ,			at 09.00 Hours ,		on Aug 30 , 2007					
Zero Gage at Bottom Elevation	229.30		m. (MSL.) ,			River Bed	226.28	m. (MSL)					
Left Bank Elevation		234.39		m. (MSL.) ,									
Right Bank Elevation		235.27		m. (MSL.) ,		Drainage Are	3,478	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.10	2.50	3.60	23.00	7.00	59.40	11.80	13.70	1.14	2.77	2.04	1.51	
2	40.55	2.10	4.80	16.85	8.80	38.50	14.75	34.50	1.03	2.25	2.77	1.62	
3	11.50	2.10	6.00	13.70	7.60	47.15	64.30	26.00	0.81	2.67	1.72	1.51	
4	3.80	2.50	6.40	12.40	7.30	35.00	61.50	53.10	0.75	1.41	1.41	1.51	
5	2.90	4.00	13.00	8.50	10.00	30.00	15.80	36.50	0.75	1.25	1.25	1.62	
6	2.70	5.40	27.50	14.40	13.00	28.00	21.50	13.35	0.75	1.08	1.25	1.83	
7	2.70	5.00	26.00	26.00	6.20	37.50	15.45	32.00	0.86	1.19	1.30	2.14	
8	5.20	5.60	8.50	16.85	5.40	30.00	10.90	14.75	0.81	1.62	1.51	2.25	
9	10.60	5.00	4.20	10.60	15.45	26.50	9.70	47.70	0.86	1.83	2.04	2.35	
10	16.50	7.00	4.40	9.70	13.70	22.00	17.55	47.15	0.92	2.04	2.46	2.56	
11	23.50	3.60	12.10	9.70	9.10	15.45	13.35	45.50	1.08	1.93	2.67	2.35	
12	40.00	14.75	6.00	8.50	7.60	29.00	13.70	15.45	1.08	1.83	2.56	2.14	
13	43.30	10.60	11.50	7.00	7.60	26.50	12.10	7.90	1.25	2.14	2.88	2.14	
14	4.60	29.00	17.55	7.90	7.60	20.50	14.40	4.60	1.25	1.93	3.19	1.83	
15	4.00	28.00	31.50	8.20	7.30	15.80	10.00	22.50	1.19	1.51	1.83	1.62	
16	4.00	15.10	25.00	8.20	10.60	25.00	11.50	54.50	1.51	1.41	1.19	2.04	
17	3.20	7.00	12.70	8.50	19.65	17.20	20.00	62.20	1.03	2.04	1.51	2.35	
18	3.00	4.80	11.80	7.90	22.00	14.05	14.05	64.30	1.30	1.51	1.14	1.93	
19	2.60	4.00	7.30	11.80	20.50	24.50	21.00	62.20	0.97	1.25	1.08	2.04	
20	2.40	3.80	6.60	18.60	11.20	74.75	39.50	57.30	1.19	1.41	1.19	4.65	
21	2.40	3.60	6.20	11.50	7.30	49.90	60.80	38.50	1.14	1.62	1.51	2.98	
22	1.60	7.60	6.00	10.30	6.40	61.50	44.40	62.90	1.08	1.83	1.83	2.46	
23	1.70	12.40	6.20	7.60	5.80	38.00	60.10	44.95	1.25	1.83	2.56	1.93	
24	1.60	7.60	6.60	36.50	16.15	28.50	37.50	60.80	1.72	1.93	2.98	3.30	
25	1.60	4.20	7.60	18.60	15.10	19.65	37.00	58.70	2.14	2.35	2.77	3.40	
26	2.00	3.80	12.40	9.10	11.80	32.00	30.00	50.45	2.46	2.56	3.09	2.88	
27	2.10	3.60	19.30	7.30	20.50	41.65	36.00	49.35	2.04	2.88	2.56	2.67	
28	2.40	3.00	19.65	5.40	18.60	20.00	60.10	28.50	1.93	3.09	2.46	2.35	
29	3.00	2.80	21.00	7.00	33.50	13.00	58.00	2.90	2.25	3.40	1.93	2.25	
30	2.40	10.00	14.75	13.00	98.40	16.15	14.75	2.70	2.67	2.98		2.46	
31		4.60		7.30	75.50		30.00		3.19	2.56		2.35	
Total	288.95	225.05	366.15	381.90	526.65	937.15	881.50	1114.95	42.40	62.10	58.68	71.02	4956.50 CMSDAY
Mean	9.63	7.26	12.21	12.32	16.99	31.24	28.44	37.16	1.37	2.00	2.02	2.29	13.54 CMS
Max	43.30	29.00	31.50	36.50	98.40	74.75	64.30	64.30	3.19	3.40	3.19	4.65	98.40 CMS
Min	1.60	2.10	3.60	5.40	5.40	13.00	9.70	2.70	0.75	1.08	1.08	1.51	0.75 CMS
Runoff	24.97	19.44	31.64	33.00	45.50	80.97	76.16	96.33	3.66	5.37	5.07	6.14	428.24 MCM
Momentary Peak		100.95 CMS.											at 230.47 m. (MSL.) at 09.00 Hours , on Aug 30, 2007
Runoff Yield		3.90											Liters/Second/Square KM. Momentary Peak Yield 29.03 Liters/Second/Square KM.

WATER YEAR : 2007

WANG RIVER BASIN

Wang River at Ban Don Chai , Lampang (W.3A)

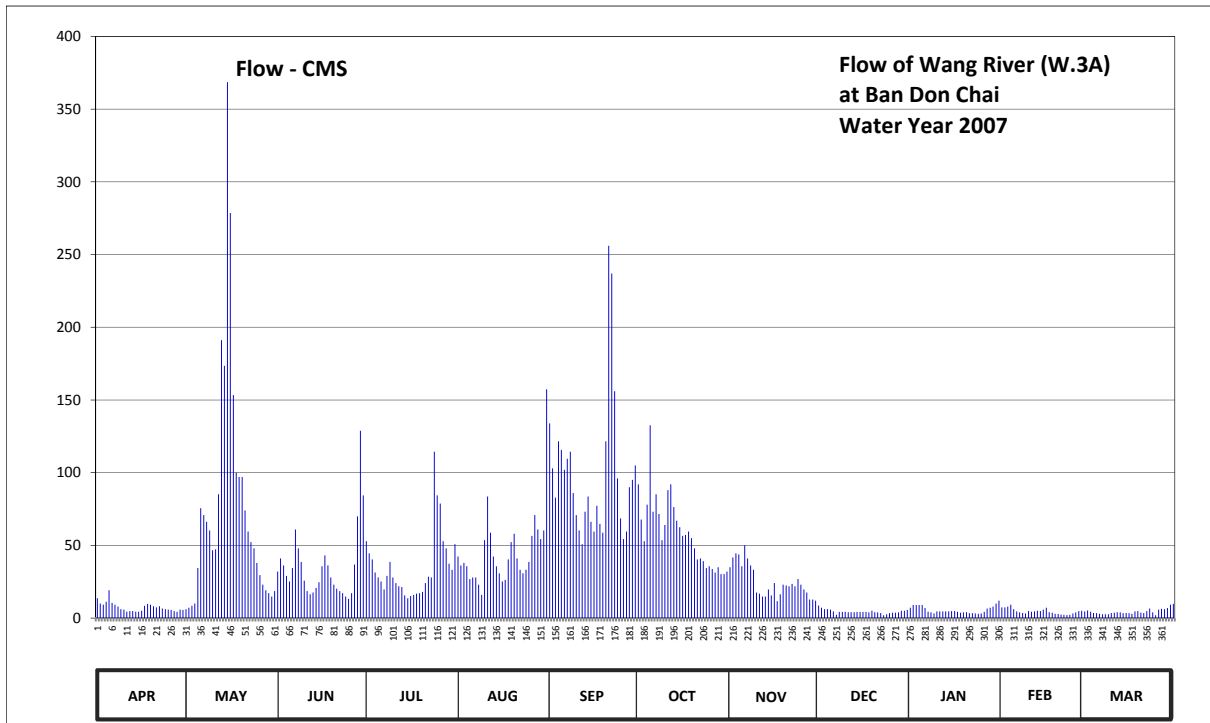
Lat 17 - 38 - 28 N Long 99 - 14 - 01 E

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	Staff gage.		
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	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 to date		
Rated by Flot	-		
Rated by Current Meter	1967 to date		
Stability of Channel Regimes	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 25 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	160.89	160.65	161.25	161.57	161.42	162.43	162.06	161.30	160.75	160.69	160.70	160.59	
2	160.80	160.69	161.40	161.45	161.32	162.17	161.77	161.41	160.69	160.76	160.70	160.62	
3	160.77	160.74	161.32	161.39	161.35	161.96	161.57	161.45	160.65	160.76	160.72	160.58	
4	160.83	160.80	161.20	161.24	161.31	162.33	161.90	161.44	160.65	160.76	160.77	160.53	
5	161.02	161.29	161.13	161.18	161.16	162.28	162.42	161.31	160.64	160.76	160.65	160.52	
6	160.81	161.87	161.29	161.13	161.18	162.16	161.84	161.53	160.59	160.68	160.59	160.50	
7	160.77	161.81	161.68	161.03	161.18	162.23	161.99	161.40	160.46	160.58	160.55	160.48	
8	160.72	161.75	161.50	161.20	161.09	162.27	161.82	161.32	160.57	160.55	160.53	160.48	
9	160.65	161.67	161.36	161.36	160.95	162.00	161.58	161.27	160.57	160.51	160.51	160.48	
10	160.64	161.48	161.14	161.18	161.58	161.81	161.72	160.99	160.58	160.59	160.60	160.53	
11	160.58	161.49	161.01	161.11	161.97	161.67	162.02	160.97	160.56	160.59	160.58	160.54	
12	160.60	161.99	160.96	161.07	161.65	161.54	162.06	160.92	160.56	160.59	160.59	160.56	
13	160.60	162.86	160.99	161.06	161.42	161.84	161.88	160.92	160.56	160.59	160.61	160.55	
14	160.58	162.73	161.05	160.94	161.31	161.97	161.76	161.03	160.57	160.59	160.60	160.52	
15	160.58	163.92	161.12	160.89	161.23	161.75	161.70	160.94	160.57	160.60	160.64	160.53	
16	160.61	163.44	161.31	160.93	161.13	161.66	161.62	161.11	160.57	160.60	160.69	160.52	
17	160.74	162.58	161.43	160.95	161.15	161.89	161.63	160.84	160.57	160.57	160.56	160.50	
18	160.79	162.14	161.32	160.97	161.39	161.73	161.66	160.96	160.55	160.54	160.54	160.59	
19	160.77	162.11	161.18	160.98	161.56	161.65	161.60	161.09	160.61	160.55	160.50	160.60	
20	160.73	162.11	161.09	161.00	161.64	162.33	161.50	161.08	160.56	160.56	160.49	160.54	
21	160.70	161.85	161.04	161.11	161.40	163.30	161.39	161.07	160.55	160.52	160.47	160.53	
22	160.73	161.66	161.01	161.19	161.27	163.18	161.40	161.10	160.53	160.52	160.46	160.60	
23	160.67	161.56	160.98	161.18	161.23	162.60	161.37	161.07	160.44	160.51	160.45	160.67	
24	160.65	161.50	160.92	162.27	161.27	162.10	161.29	161.16	160.48	160.50	160.46	160.55	
25	160.64	161.35	160.88	161.98	161.36	161.78	161.31	161.09	160.52	160.51	160.51	160.44	
26	160.63	161.21	160.98	161.91	161.62	161.59	161.28	161.03	160.54	160.57	160.55	160.64	
27	160.60	161.09	161.33	161.57	161.81	161.66	161.24	160.99	160.54	160.67	160.60	160.66	
28	160.57	161.02	161.80	161.50	161.68	162.04	161.30	160.87	160.55	160.69	160.61	160.65	
29	160.64	160.98	162.39	161.34	161.59	162.09	161.22	160.87	160.61	160.72	160.62	160.68	
30	160.63	160.92	161.98	161.27	161.67	162.19	161.22	160.85	160.61	160.80	160.80	160.77	
31		161.01		161.54	162.61		161.25		160.63	160.85		160.79	
Mean	160.70	161.69	161.27	161.27	161.44	162.07	161.62	161.11	160.58	160.62	160.58	160.57	
Max	161.02	163.92	162.39	162.27	162.61	163.30	162.42	161.53	160.75	160.85	160.77	160.79	163.92
Min	160.57	160.65	160.88	160.89	160.95	161.54	161.22	160.84	160.44	160.50	160.45	160.44	160.44
Annual Max Momentary Gage Height	164.01		m. (MSL.) ,				at 15.00 Hours ,		on May 15, 2007				
Zero Gage at Bottom Elevation	161.00		m. (MSL.) ,			River Bed	159.56	m. (MSL.)					
Left Bank Elevation		169.08		m. (MSL.) ,									
Right Bank Elevation		169.01		m. (MSL.) ,		Drainage Are	8,924	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	13.60	6.10	32.00	52.90	42.40	133.90	92.00	35.00	8.70	7.14	7.40	4.62		
2	10.00	7.14	41.00	44.50	36.20	103.00	67.75	41.70	7.14	8.96	7.40	5.32		
3	9.22	8.44	36.20	40.40	38.00	82.80	52.90	44.50	6.10	8.96	7.92	4.44		
4	11.20	10.00	29.00	31.40	35.60	121.60	78.00	43.80	6.10	8.96	9.22	3.54		
5	19.10	34.40	25.15	27.90	26.80	115.60	132.60	35.60	5.84	8.96	6.10	3.36		
6	10.40	75.60	34.40	25.15	27.90	102.00	73.20	50.10	4.62	6.88	4.62	3.00		
7	9.22	70.80	61.00	19.65	27.90	109.60	85.20	41.00	2.28	4.44	3.90	2.64		
8	7.92	66.25	48.00	29.00	22.95	114.40	71.60	36.20	4.26	3.90	3.54	2.64		
9	6.10	60.25	38.60	38.60	16.00	86.00	53.60	33.20	4.26	3.18	3.18	2.64		
10	5.84	46.60	25.70	27.90	53.60	70.80	64.00	17.60	4.44	4.62	4.80	3.54		
11	4.44	47.30	18.55	24.05	83.60	60.25	88.00	16.80	4.08	4.62	4.44	3.72		
12	4.80	85.20	16.40	21.85	58.75	50.80	92.00	14.80	4.08	4.62	4.62	4.08		
13	4.80	191.10	17.60	21.30	42.40	73.20	76.40	14.80	4.08	4.62	5.06	3.90		
14	4.44	173.55	20.75	15.60	35.60	83.60	67.00	19.65	4.26	4.62	4.80	3.36		
15	4.44	368.60	24.60	13.60	30.80	66.25	62.50	15.60	4.26	4.80	5.84	3.54		
16	5.06	278.60	35.60	15.20	25.15	59.50	56.50	24.05	4.26	4.80	7.14	3.36		
17	8.44	153.40	43.10	16.00	26.25	77.20	57.25	11.60	4.26	4.26	4.08	3.00		
18	9.74	100.00	36.20	16.80	40.40	64.75	59.50	16.40	3.90	3.72	3.72	4.62		
19	9.22	97.00	27.90	17.20	52.20	58.75	55.00	22.95	5.06	3.90	3.00	4.80		
20	8.18	97.00	22.95	18.00	58.00	121.60	48.00	22.40	4.08	4.08	2.82	3.72		
21	7.40	74.00	20.20	24.05	41.00	256.00	40.40	21.85	3.90	3.36	2.46	3.54		
22	8.18	59.50	18.55	28.45	33.20	237.00	41.00	23.50	3.54	3.36	2.28	4.80		
23	6.62	52.20	17.20	27.90	30.80	156.00	39.20	21.85	1.92	3.18	2.10	6.62		
24	6.10	48.00	14.80	114.40	33.20	96.00	34.40	26.80	2.64	3.00	2.28	3.90		
25	5.84	38.00	13.20	84.40	38.60	68.50	35.60	22.95	3.36	3.18	3.18	1.92		
26	5.58	29.60	17.20	78.80	56.50	54.30	33.80	19.65	3.72	4.26	3.90	5.84		
27	4.80	22.95	36.80	52.90	70.80	59.50	31.40	17.60	3.72	6.62	4.80	6.36		
28	4.26	19.10	70.00	48.00	61.00	90.00	35.00	12.80	3.90	7.14	5.06	6.10		
29	5.84	17.20	128.80	37.40	54.30	95.00	30.20	12.80	5.06	7.92	5.32	6.88		
30	5.58	14.80	84.40	33.20	60.25	105.00	30.20	12.00	5.06	10.00		9.22		
31		18.55		50.80	157.35		32.00		5.58	12.00		9.74		
Total	226.36	2371.23	1055.85	1097.30	1417.50	2972.90	1816.20	749.55	138.46	174.06	134.98	138.76	12293.15	CMSDAY
Mean	7.55	76.49	35.20	35.40	45.73	99.10	58.59	24.99	4.47	5.61	4.65	4.48	33.59	CMS
Max	19.10	368.60	128.80	114.40	157.35	256.00	132.60	50.10	8.70	12.00	9.22	9.74	368.60	CMS
Min	4.26	6.10	13.20	13.60	16.00	50.80	30.20	11.60	1.92	3.00	2.10	1.92	1.92	CMS
Runoff	19.56	204.87	91.23	94.81	122.47	256.86	156.92	64.76	11.96	15.04	11.66	11.99	1062.13	MCM
Momentary Peak	387.10 CMS. at 164.01 m. (MSL.) at 15.00 Hours , on May 15, 2007													
Runoff Yield	3.77 Liters/Second/Square KM.			Momentary Peak Yield				43.38 Liters/Second/Square KM.						

WATER YEAR : 2007

WANG RIVER BASIN

Wang River at Ban Wang Man , Tak (W.4A)

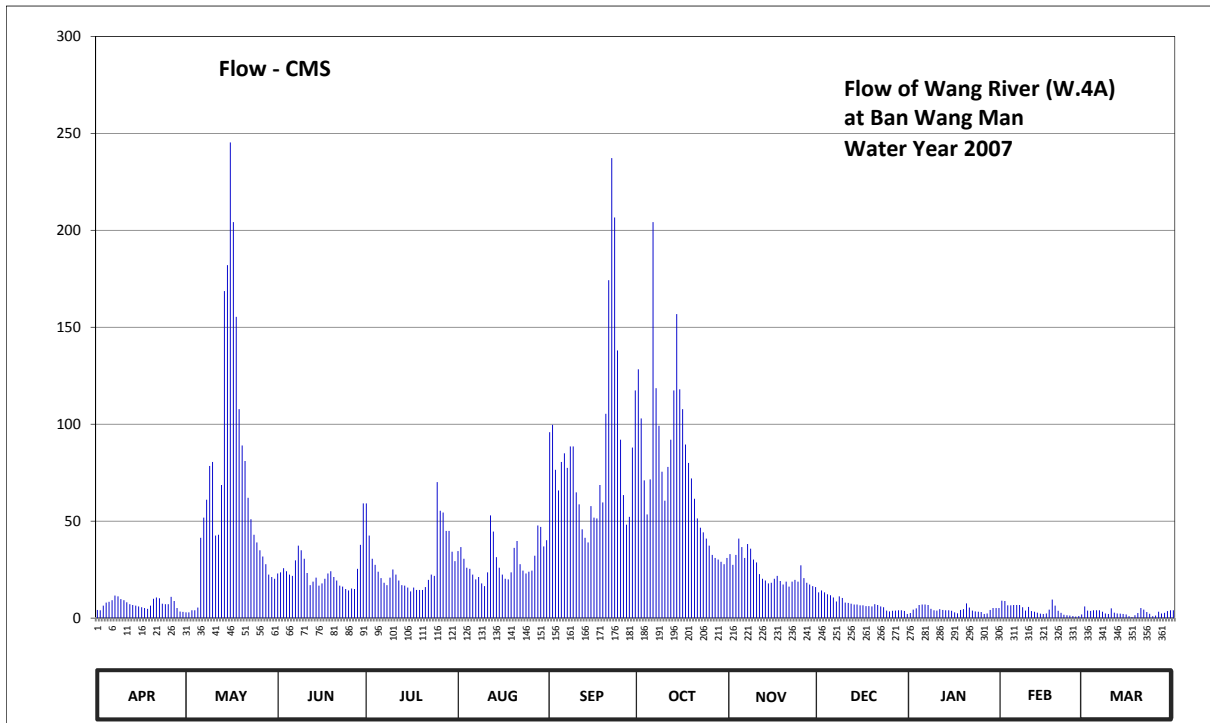
Lat 17 - 12 - 19 N Long 99 - 06 - 05 E

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 +143.059 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 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	130.61	130.50	131.40	132.33	131.74	133.07	133.62	131.70	131.05	130.46	130.85	130.70	
2	130.60	130.50	131.42	131.94	131.79	133.14	133.20	131.55	131.09	130.62	130.84	130.59	
3	130.72	130.60	131.49	131.64	131.64	132.69	132.58	131.69	131.05	130.65	130.73	130.57	
4	130.80	130.60	131.44	131.55	131.50	132.47	132.21	131.90	131.01	130.74	130.73	130.60	
5	130.82	130.67	131.38	131.43	131.48	132.77	132.59	131.79	130.99	130.75	130.74	130.60	
6	130.86	131.91	131.36	131.32	131.38	132.86	134.69	131.65	130.93	130.75	130.74	130.60	
7	130.98	132.17	131.62	131.24	131.30	132.71	133.46	131.83	130.83	130.74	130.74	130.53	
8	130.96	132.37	131.81	131.20	131.34	132.93	133.13	131.77	130.96	130.64	130.68	130.44	
9	130.89	132.73	131.75	131.33	131.23	132.93	132.67	131.63	130.92	130.60	130.59	130.41	
10	130.86	132.77	131.64	131.47	131.18	132.45	132.36	131.59	130.80	130.59	130.69	130.65	
11	130.81	131.94	131.41	131.38	131.42	132.32	132.72	131.39	130.79	130.63	130.56	130.48	
12	130.76	131.95	131.20	131.28	132.20	132.02	133.00	131.31	130.77	130.61	130.53	130.44	
13	130.74	132.53	131.26	131.20	131.99	131.91	133.44	131.28	130.75	130.60	130.48	130.43	
14	130.72	134.21	131.33	131.19	131.66	131.85	134.04	131.23	130.75	130.60	130.43	130.41	
15	130.70	134.40	131.19	131.15	131.50	132.30	133.45	131.24	130.73	130.58	130.41	130.39	
16	130.68	135.17	131.23	131.07	131.38	132.17	133.28	131.31	130.73	130.50	130.44	130.30	
17	130.66	134.69	131.31	131.15	131.31	132.16	132.95	131.36	130.71	130.45	130.62	130.25	
18	130.64	134.02	131.40	131.10	131.30	132.53	132.76	131.27	130.71	130.61	130.88	130.35	
19	130.72	133.28	131.44	131.10	131.42	132.34	132.60	131.21	130.70	130.63	130.72	130.46	
20	130.90	132.94	131.34	131.10	131.78	133.24	132.38	131.26	130.76	130.78	130.58	130.66	
21	130.93	132.78	131.28	131.16	131.87	134.29	132.16	131.17	130.74	130.67	130.47	130.62	
22	130.91	132.39	131.19	131.29	131.56	135.08	132.04	131.26	130.70	130.59	130.37	130.51	
23	130.77	132.15	131.17	131.38	131.45	134.72	131.98	131.29	130.68	130.55	130.35	130.42	
24	130.76	131.95	131.12	131.36	131.40	133.77	131.90	131.26	130.59	130.53	130.33	130.30	
25	130.76	131.85	131.09	132.56	131.43	133.00	131.81	131.54	130.55	130.51	130.31	130.33	
26	130.95	131.75	131.13	132.25	131.45	132.42	131.69	131.32	130.58	130.41	130.28	130.53	
27	130.84	131.67	131.12	132.23	131.68	132.08	131.65	131.24	130.59	130.44	130.31	130.44	
28	130.66	131.56	131.48	132.00	132.07	132.18	131.63	131.21	130.60	130.61	130.39	130.47	
29	130.54	131.38	131.82	132.00	132.05	132.92	131.60	131.18	130.60	130.66	130.78	130.56	
30	130.52	131.34	132.33	131.73	131.80	133.44	131.56	131.16	130.57	130.66	130.66	130.60	
31		131.31		131.61	131.88		131.65		130.41	130.66		130.60	
Mean	130.77	132.26	131.41	131.51	131.59	132.83	132.61	131.42	130.76	130.61	130.57	130.49	
Max	130.98	135.17	132.33	132.56	132.20	135.08	134.69	131.90	131.09	130.78	130.88	130.70	135.17
Min	130.52	130.50	131.09	131.07	131.18	131.85	131.56	131.16	130.41	130.41	130.28	130.25	130.25
Annual Max Momentary Gage Height	135.22		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	130.00		m. (MSL.) ,			River Bed	129.57	m. (MSL.)					
Left Bank Elevation		141.08		m. (MSL.) ,									
Right Bank Elevation		141.38		m. (MSL.) ,		Drainage Are	10,439	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.20	3.00	23.00	59.18	34.60	95.85	128.30	33.00	13.25	2.60	9.00	6.00		
2	4.00	3.00	23.60	42.60	36.60	99.70	103.00	27.50	14.25	4.40	8.80	3.90		
3	6.40	4.00	25.70	30.60	30.60	76.50	71.05	32.60	13.25	5.00	6.60	3.70		
4	8.00	4.00	24.20	27.50	26.00	65.83	53.48	41.00	12.25	6.80	6.60	4.00		
5	8.40	5.40	22.40	23.90	25.40	80.50	71.53	36.60	11.80	7.00	6.80	4.00		
6	9.20	41.40	21.80	20.60	22.40	85.00	204.20	31.00	10.60	7.00	6.80	4.00		
7	11.60	51.80	29.80	18.20	20.00	77.50	118.60	38.20	8.60	6.80	6.80	3.30		
8	11.20	61.08	37.40	17.00	21.20	88.50	99.15	35.80	11.20	4.80	5.60	2.40		
9	9.80	78.50	35.00	20.90	17.90	88.50	75.50	30.20	10.40	4.00	3.90	2.10		
10	9.20	80.50	30.60	25.10	16.50	64.88	60.60	28.70	8.00	3.90	5.80	5.00		
11	8.20	42.60	23.30	22.40	23.60	58.70	78.00	22.70	7.80	4.60	3.60	2.80		
12	7.20	43.00	17.00	19.40	53.00	45.80	92.00	20.30	7.40	4.20	3.30	2.40		
13	6.80	68.68	18.80	17.00	44.60	41.40	117.40	19.40	7.00	4.00	2.80	2.30		
14	6.40	168.70	20.90	16.75	31.40	39.00	156.80	17.90	7.00	4.00	2.30	2.10		
15	6.00	182.00	16.75	15.75	26.00	57.75	118.00	18.20	6.60	3.80	2.10	1.90		
16	5.60	245.30	17.90	13.75	22.40	51.80	107.80	20.30	6.60	3.00	2.40	1.00		
17	5.20	204.20	20.30	15.75	20.30	51.40	89.50	21.80	6.20	2.50	4.40	0.50		
18	4.80	155.40	23.00	14.50	20.00	68.68	80.00	19.10	6.20	4.20	9.60	1.50		
19	6.40	107.80	24.20	14.50	23.60	59.65	72.00	17.30	6.00	4.60	6.40	2.60		
20	10.00	89.00	21.20	14.50	36.20	105.40	61.55	18.80	7.20	7.60	3.80	5.20		
21	10.60	81.00	19.40	16.00	39.80	174.30	51.40	16.25	6.80	5.40	2.70	4.40		
22	10.20	62.03	16.75	19.70	27.80	237.20	46.60	18.80	6.00	3.90	1.70	3.10		
23	7.40	51.00	16.25	22.40	24.50	206.60	44.20	19.70	5.60	3.50	1.50	2.20		
24	7.20	43.00	15.00	21.80	23.00	138.05	41.00	18.80	3.90	3.30	1.30	1.00		
25	7.20	39.00	14.25	70.10	23.90	92.00	37.40	27.20	3.50	3.10	1.10	1.30		
26	11.00	35.00	15.25	55.38	24.50	63.45	32.60	20.60	3.80	2.10	0.80	3.30		
27	8.80	31.80	15.00	54.43	32.20	48.20	31.00	18.20	3.90	2.40	1.10	2.40		
28	5.20	27.80	25.40	45.00	47.80	52.20	30.20	17.30	4.00	4.20	1.90	2.70		
29	3.40	22.40	37.80	45.00	47.00	88.00	29.00	16.50	4.00	5.20	7.60	3.60		
30	3.20	21.20	59.18	34.20	37.00	117.40	27.80	16.00	3.70	5.20		4.00		
31		20.30		29.40	40.20		31.00		2.10	5.20		4.00		
Total	222.80	2073.89	711.13	863.29	920.00	2619.74	2360.66	719.75	228.90	138.30	127.10	92.70	11078.26	CMSDAY
Mean	7.43	66.90	23.70	27.85	29.68	87.32	76.15	23.99	7.38	4.46	4.38	2.99	30.27	CMS
Max	11.60	245.30	59.18	70.10	53.00	237.20	204.20	41.00	14.25	7.60	9.60	6.00	245.30	CMS
Min	3.20	3.00	14.25	13.75	16.50	39.00	27.80	16.00	2.10	2.10	0.80	0.50	0.50	CMS
Runoff	19.25	179.18	61.44	74.59	79.49	226.35	203.96	62.19	19.78	11.95	10.98	8.01	957.16	MCM
Momentary Peak	249.90	CMS	at 135.22 m. (MSL) at 12.00 Hours , on May 16, 2007											
Runoff Yield	2.91	Liters/Second/Square KM.		Momentary Peak Yield				23.94	Liters/Second/Square KM.					

WATER YEAR : 2007

WANG RIVER BASIN

Wang River at Ban Don Mun , Lampang (W.10A)

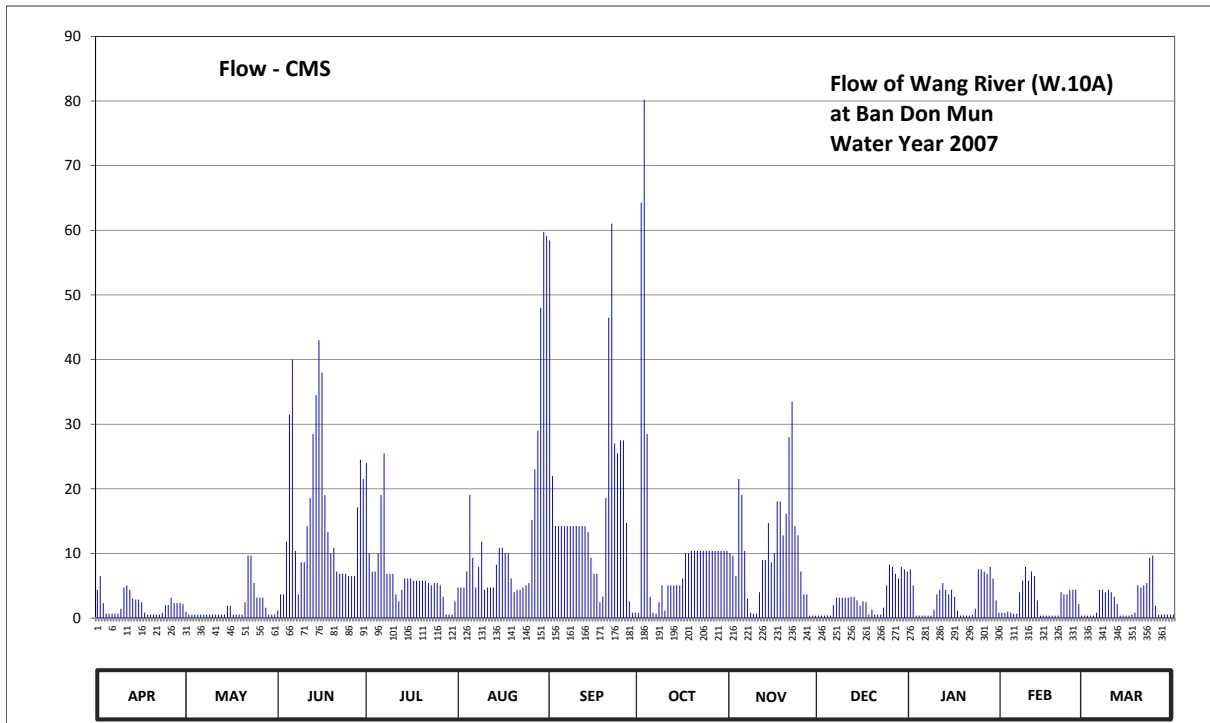
Lat 18 - 31 - 16 N Long 99 - 37 - 52 E

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 good.Stage-discharge relation defined by 33 discharge measurements made in 2007.		

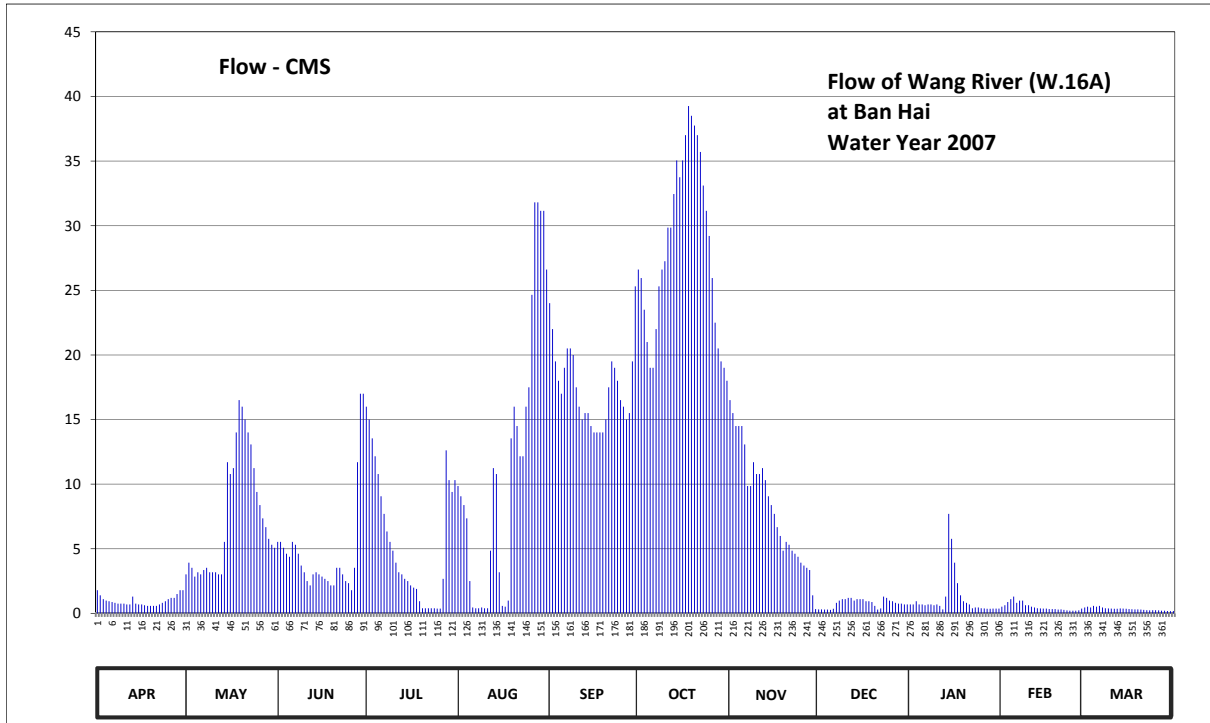
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	259.23	259.04	259.05	259.68	259.24	260.33	259.03	259.39	259.00	259.32	259.03	259.00	
2	259.29	259.01	259.21	259.39	259.24	259.64	260.42	259.38	259.00	259.25	259.03	259.00	
3	259.13	259.01	259.21	259.31	259.24	259.48	260.66	259.29	259.00	259.00	259.04	259.00	
4	259.02	259.01	259.43	259.31	259.31	259.48	259.77	259.63	259.00	259.00	259.03	259.00	
5	259.02	259.01	259.83	259.39	259.58	259.48	259.20	259.58	259.00	259.00	259.02	259.03	
6	259.02	259.01	260.00	259.58	259.37	259.48	259.03	259.40	259.11	259.00	259.02	259.23	
7	259.02	259.01	259.40	259.71	259.24	259.48	259.02	259.18	259.19	259.00	259.22	259.23	
8	259.02	259.01	259.21	259.30	259.33	259.48	259.14	259.03	259.19	259.00	259.27	259.22	
9	259.07	259.01	259.35	259.30	259.43	259.48	259.25	259.02	259.19	259.06	259.33	259.23	
10	259.24	259.01	259.35	259.30	259.23	259.48	259.05	259.02	259.19	259.21	259.27	259.22	
11	259.25	259.01	259.48	259.21	259.24	259.48	259.25	259.22	259.19	259.23	259.31	259.20	
12	259.23	259.01	259.57	259.15	259.24	259.48	259.25	259.36	259.20	259.26	259.29	259.12	
13	259.18	259.01	259.77	259.23	259.24	259.48	259.25	259.36	259.20	259.23	259.16	259.00	
14	259.17	259.01	259.89	259.28	259.34	259.46	259.25	259.49	259.16	259.21	259.00	259.00	
15	259.17	259.10	260.06	259.28	259.41	259.37	259.25	259.35	259.10	259.23	259.00	259.00	
16	259.14	259.10	259.96	259.28	259.41	259.30	259.28	259.39	259.15	259.20	259.00	259.00	
17	259.03	259.01	259.58	259.27	259.39	259.30	259.39	259.56	259.14	259.05	259.00	259.01	
18	259.01	259.01	259.46	259.27	259.39	259.14	259.39	259.56	259.01	259.00	259.00	259.03	
19	259.01	259.01	259.39	259.27	259.28	259.20	259.40	259.45	259.06	259.00	259.00	259.25	
20	259.01	259.01	259.41	259.27	259.22	259.57	259.40	259.52	259.01	259.00	259.00	259.24	
21	259.01	259.14	259.31	259.27	259.23	260.13	259.40	259.76	259.01	259.00	259.22	259.25	
22	259.01	259.38	259.30	259.26	259.23	260.37	259.40	259.87	259.01	259.01	259.21	259.26	
23	259.03	259.38	259.30	259.25	259.24	259.74	259.40	259.48	259.08	259.07	259.21	259.37	
24	259.11	259.26	259.30	259.26	259.25	259.71	259.40	259.45	259.25	259.32	259.23	259.38	
25	259.11	259.19	259.29	259.26	259.26	259.75	259.40	259.31	259.34	259.32	259.23	259.10	
26	259.19	259.19	259.29	259.25	259.50	259.75	259.40	259.21	259.33	259.31	259.23	259.01	
27	259.13	259.19	259.29	259.20	259.66	259.49	259.40	259.21	259.30	259.30	259.12	259.01	
28	259.13	259.08	259.54	259.01	259.78	259.15	259.40	259.00	259.28	259.33	259.00	259.01	
29	259.13	259.01	259.69	259.01	260.16	259.03	259.40	259.00	259.33	259.28	259.00	259.01	
30	259.12	259.01	259.63	259.01	260.35	259.03	259.40	259.00	259.32	259.16	259.00	259.01	
31		259.01		259.15	260.34		259.40		259.31	259.03		259.01	
Mean	259.11	259.07	259.49	259.28	259.43	259.52	259.39	259.35	259.15	259.14	259.12	259.11	
Max	259.29	259.38	260.06	259.71	260.35	260.37	260.66	259.87	259.34	259.33	259.33	259.38	260.66
Min	259.01	259.01	259.05	259.01	259.22	259.03	259.02	259.00	259.00	259.00	259.00	259.00	259.00
Annual Max Momentary Gage Height	260.75		m. (MSL.) ,				at 12.00 Hours ,						on Oct 3, 2007
Zero Gage at Bottom Elevation	259.00		m. (MSL.) ,			River Bed	257.78	m. (MSL.)					
Left Bank Elevation		270.02		m. (MSL.) ,									
Right Bank Elevation		268.87		m. (MSL.) ,		Drainage Are	2,798	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

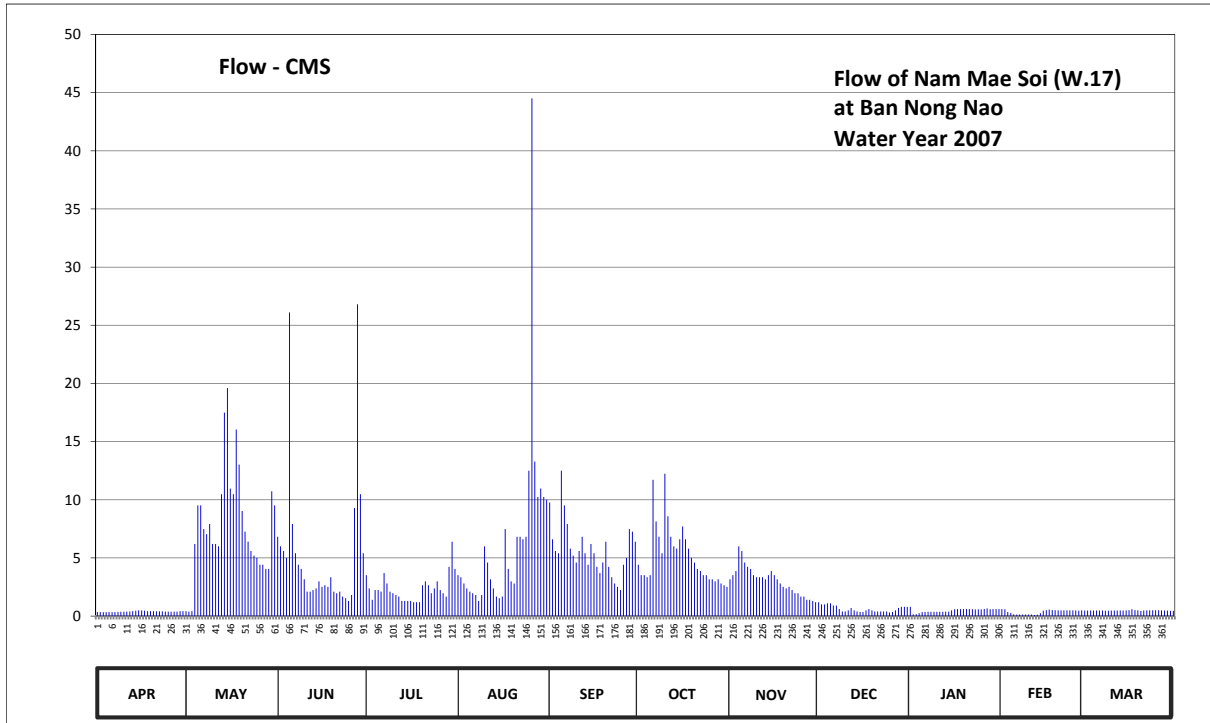
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.37	1.00	1.15	24.00	4.72	58.45	0.85	10.05	0.40	7.56	0.85	0.40	
2	6.50	0.55	3.66	10.05	4.72	22.00	64.30	9.69	0.40	5.08	0.85	0.40	
3	2.32	0.55	3.66	7.21	4.72	14.24	80.20	6.50	0.40	0.40	1.00	0.40	
4	0.70	0.55	11.84	7.21	7.21	14.24	28.50	21.50	0.40	0.40	0.85	0.40	
5	0.70	0.55	31.50	10.05	19.04	14.24	3.30	19.04	0.40	0.40	0.70	0.85	
6	0.70	0.55	40.00	19.04	9.34	14.24	0.85	10.40	2.04	0.40	0.70	4.37	
7	0.70	0.55	10.40	25.50	4.72	14.24	0.70	3.02	3.16	0.40	4.01	4.37	
8	0.70	0.55	3.66	6.85	7.92	14.24	2.46	0.85	3.16	0.40	5.79	4.01	
9	1.45	0.55	8.63	6.85	11.84	14.24	5.08	0.70	3.16	1.30	7.92	4.37	
10	4.72	0.55	8.63	6.85	4.37	14.24	1.15	0.70	3.16	3.66	5.79	4.01	
11	5.08	0.55	14.24	3.66	4.72	14.24	5.08	4.01	3.16	4.37	7.21	3.30	
12	4.37	0.55	18.56	2.60	4.72	14.24	5.08	8.98	3.30	5.43	6.50	2.18	
13	3.02	0.55	28.50	4.37	4.72	14.24	5.08	8.98	3.30	4.37	2.74	0.40	
14	2.88	0.55	34.50	6.14	8.27	13.28	5.08	14.72	2.74	3.66	0.40	0.40	
15	2.88	1.90	43.00	6.14	10.88	9.34	5.08	8.63	1.90	4.37	0.40	0.40	
16	2.46	1.90	38.00	6.14	10.88	6.85	6.14	10.05	2.60	3.30	0.40	0.40	
17	0.85	0.55	19.04	5.79	10.05	6.85	10.05	18.08	2.46	1.15	0.40	0.55	
18	0.55	0.55	13.28	5.79	10.05	2.46	10.05	18.08	0.55	0.40	0.40	0.85	
19	0.55	0.55	10.05	5.79	6.14	3.30	10.40	12.80	1.30	0.40	0.40	5.08	
20	0.55	0.55	10.88	5.79	4.01	18.56	10.40	16.16	0.55	0.40	0.40	4.72	
21	0.55	2.46	7.21	5.79	4.37	46.50	10.40	28.00	0.55	0.40	4.01	5.08	
22	0.55	9.69	6.85	5.43	4.37	61.05	10.40	33.50	0.55	0.55	3.66	5.43	
23	0.85	9.69	6.85	5.08	4.72	27.00	10.40	14.24	1.60	1.45	3.66	9.34	
24	2.04	5.43	6.85	5.43	5.08	25.50	10.40	12.80	5.08	7.56	4.37	9.69	
25	2.04	3.16	6.50	5.43	5.43	27.50	10.40	7.21	8.27	7.56	4.37	1.90	
26	3.16	3.16	6.50	5.08	15.20	27.50	10.40	3.66	7.92	7.21	4.37	0.55	
27	2.32	3.16	6.50	3.30	23.00	14.72	10.40	3.66	6.85	6.85	2.18	0.55	
28	2.32	1.60	17.12	0.55	29.00	2.60	10.40	0.40	6.14	7.92	0.40	0.55	
29	2.32	0.55	24.50	0.55	48.00	0.85	10.40	0.40	7.92	6.14	0.40	0.55	
30	2.18	0.55	21.50	0.55	59.75	0.85	10.40	0.40	7.56	2.74		0.55	
31		0.55		2.60	59.10		10.40		7.21	0.85		0.55	
Total	64.38	54.15	463.56	215.61	411.06	531.80	374.23	307.21	98.19	97.08	75.13	76.60	2769.00 CMSDAY
Mean	2.15	1.75	15.45	6.96	13.26	17.73	12.07	10.24	3.17	3.13	2.59	2.47	7.57 CMS
Max	6.50	9.69	43.00	25.50	59.75	61.05	80.20	33.50	8.27	7.92	7.92	9.69	80.20 CMS
Min	0.55	0.55	1.15	0.55	4.01	0.85	0.70	0.40	0.40	0.40	0.40	0.40	0.40 CMS
Runoff	5.56	4.68	40.05	18.63	35.52	45.95	32.33	26.54	8.48	8.39	6.49	6.62	239.24 MCM
Momentary Peak	86.50	CMS.	at 260.75 m. (MSL.)	at 12.00 Hours	on Oct 3, 2007								
Runoff Yield	2.71	Liters/Second/Square KM.			Momentary Peak Yield	30.91	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.80	3.02	5.54	16.00	9.86	24.00	26.60	16.50	0.31	0.70	0.52	0.46	
2	1.40	3.93	5.54	15.00	9.06	22.00	25.95	15.50	0.31	0.70	0.64	0.52	
3	1.10	3.53	5.08	13.54	8.38	19.50	23.50	14.50	0.30	0.94	0.88	0.46	
4	1.00	2.85	4.62	12.16	7.36	18.00	21.00	14.50	0.30	0.70	1.10	0.58	
5	0.94	3.19	4.39	10.78	2.51	17.00	19.00	14.50	0.28	0.70	1.30	0.52	
6	0.88	3.02	5.54	9.06	0.46	19.00	19.00	13.08	0.36	0.64	0.82	0.58	
7	0.82	3.36	5.31	7.70	0.40	20.50	22.00	9.86	0.82	0.70	1.00	0.46	
8	0.76	3.53	4.62	6.34	0.40	20.50	25.30	9.86	1.00	0.70	1.00	0.40	
9	0.76	3.19	3.70	5.54	0.46	20.00	26.60	11.70	1.10	0.64	0.64	0.39	
10	0.76	3.19	3.19	4.85	0.40	17.50	27.25	10.78	1.10	0.70	0.64	0.37	
11	0.70	3.19	2.51	3.93	0.40	16.00	29.85	10.78	1.20	0.58	0.52	0.36	
12	0.70	3.02	2.17	3.19	4.85	15.00	29.85	11.24	1.20	0.31	0.46	0.36	
13	1.30	3.02	3.02	3.02	11.24	15.50	32.45	10.32	1.00	1.30	0.40	0.39	
14	0.76	5.54	3.19	2.68	10.78	15.50	35.05	9.06	1.10	7.70	0.39	0.37	
15	0.70	11.70	3.02	2.51	3.19	14.50	33.75	8.38	1.10	5.77	0.37	0.36	
16	0.70	10.78	2.85	2.17	0.58	14.00	35.05	7.70	1.10	3.93	0.37	0.34	
17	0.64	11.24	2.68	2.00	0.52	14.00	37.00	6.68	0.94	2.34	0.34	0.33	
18	0.58	14.00	2.51	1.90	1.00	14.00	39.25	6.00	0.94	1.40	0.34	0.31	
19	0.58	16.50	2.17	0.94	13.54	14.00	38.50	4.85	0.88	0.94	0.34	0.31	
20	0.58	16.00	2.17	0.40	16.00	15.00	37.75	5.54	0.58	0.82	0.30	0.30	
21	0.58	15.00	3.53	0.40	14.50	17.50	37.00	5.31	0.30	0.70	0.31	0.28	
22	0.70	14.00	3.53	0.40	12.16	19.50	35.70	4.85	0.39	0.40	0.28	0.25	
23	0.82	13.08	3.02	0.40	12.16	19.00	33.10	4.62	1.30	0.46	0.24	0.24	
24	0.94	11.24	2.51	0.40	16.00	18.00	31.15	4.39	1.20	0.46	0.22	0.25	
25	1.10	9.40	2.34	0.37	17.50	16.50	29.20	3.93	1.00	0.40	0.22	0.25	
26	1.20	8.38	1.80	0.37	24.65	16.00	25.95	3.70	0.94	0.39	0.22	0.24	
27	1.20	7.36	3.53	2.68	31.80	15.00	22.50	3.53	0.82	0.36	0.24	0.22	
28	1.50	6.68	11.70	12.62	31.80	15.50	20.50	3.36	0.76	0.36	0.37	0.21	
29	1.80	5.77	17.00	10.32	31.15	19.50	19.50	1.40	0.76	0.37	0.52	0.19	
30	1.80	5.31	17.00	9.40	31.15	25.30	19.00	0.34	0.70	0.37		0.18	
31		5.08		10.32	26.60		18.00		0.70	0.37		0.19	
Total	29.10	229.10	139.78	171.39	350.86	527.30	876.30	246.76	24.79	36.85	14.99	10.67	2657.89 CMSDAY
Mean	0.97	7.39	4.66	5.53	11.32	17.58	28.27	8.23	0.80	1.19	0.52	0.34	7.26 CMS
Max	1.80	16.50	17.00	16.00	31.80	25.30	39.25	16.50	1.30	7.70	1.30	0.58	39.25 CMS
Min	0.58	2.85	1.80	0.37	0.40	14.00	18.00	0.34	0.28	0.31	0.22	0.18	0.18 CMS
Runoff	2.51	19.79	12.08	14.81	30.31	45.56	75.71	21.32	2.14	3.18	1.30	0.92	229.64 MCM
Momentary Peak	39.25	CMS.	at 305.83 m. (MSL.)	at 24.00 Hours									on Oct 18, 2007
Runoff Yield	5.23	Liters/Second/Square KM.			28.20	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.35	0.42	6.82	3.52	3.52	9.76	4.42	3.16	1.20	0.80	0.60	0.48	
2	0.35	0.39	6.00	2.38	3.34	6.60	3.52	3.52	1.00	0.15	0.59	0.48	
3	0.34	0.43	5.60	1.40	2.80	5.60	3.52	3.88	1.00	0.16	0.35	0.48	
4	0.34	6.20	5.00	2.24	2.38	5.40	3.34	6.00	1.10	0.25	0.28	0.48	
5	0.35	9.52	26.10	2.24	2.10	12.50	3.52	5.60	1.10	0.34	0.15	0.48	
6	0.34	9.52	7.92	2.10	1.96	9.52	11.72	4.60	0.90	0.35	0.14	0.48	
7	0.34	7.48	5.40	3.70	1.82	7.92	8.14	4.24	0.90	0.37	0.14	0.48	
8	0.35	7.04	4.42	2.80	1.30	5.80	6.82	4.06	0.60	0.37	0.14	0.47	
9	0.37	7.92	4.06	2.10	1.82	5.20	5.40	3.52	0.40	0.37	0.14	0.47	
10	0.37	6.20	3.16	1.96	6.00	4.60	12.24	3.34	0.40	0.37	0.14	0.48	
11	0.39	6.20	2.10	1.82	4.60	5.60	8.58	3.34	0.50	0.37	0.13	0.48	
12	0.40	6.00	2.10	1.68	3.16	6.82	6.82	3.34	0.70	0.37	0.10	0.48	
13	0.43	10.48	2.24	1.30	2.38	5.40	6.00	3.16	0.50	0.38	0.12	0.48	
14	0.47	17.50	2.38	1.30	1.68	4.42	5.80	3.52	0.40	0.38	0.24	0.48	
15	0.49	19.60	2.98	1.30	1.54	6.20	6.60	3.88	0.36	0.50	0.47	0.49	
16	0.49	10.96	2.52	1.30	1.68	5.40	7.70	3.52	0.36	0.59	0.51	0.51	
17	0.46	10.48	2.66	1.20	7.48	4.24	6.60	3.16	0.50	0.60	0.56	0.59	
18	0.43	16.04	2.52	1.20	4.06	3.70	5.80	2.80	0.60	0.60	0.52	0.52	
19	0.42	13.02	3.34	1.20	2.98	4.60	5.00	2.52	0.50	0.60	0.51	0.50	
20	0.42	9.04	2.10	2.66	2.80	6.40	4.60	2.38	0.40	0.60	0.50	0.44	
21	0.41	7.26	1.96	2.98	6.82	4.24	4.06	2.52	0.40	0.60	0.50	0.48	
22	0.41	6.40	2.10	2.66	6.82	3.34	3.88	2.24	0.40	0.59	0.50	0.49	
23	0.41	5.60	1.68	1.96	6.60	2.80	3.52	1.96	0.40	0.58	0.50	0.50	
24	0.39	5.20	1.54	2.38	6.82	2.52	3.52	1.96	0.40	0.58	0.50	0.51	
25	0.38	5.00	1.30	2.98	12.50	2.24	3.16	1.68	0.32	0.58	0.50	0.51	
26	0.37	4.42	1.82	2.24	44.50	4.42	3.16	1.68	0.36	0.62	0.50	0.51	
27	0.38	4.42	9.28	1.96	13.28	5.00	2.98	1.40	0.50	0.66	0.47	0.50	
28	0.39	4.06	26.80	1.68	10.24	7.48	3.16	1.40	0.70	0.59	0.49	0.48	
29	0.42	4.06	10.48	4.24	10.96	7.26	2.80	1.30	0.80	0.61	0.44	0.46	
30	0.43	10.72	5.40	6.40	10.24	6.40	2.66	1.20	0.80	0.61		0.45	
31		9.52		4.06	10.00		2.52		0.80	0.61		0.45	
Total	11.89	241.10	161.78	72.94	198.18	171.38	161.56	90.88	19.30	15.15	10.73	15.09	1169.98 CMSDAY
Mean	0.40	7.78	5.39	2.35	6.39	5.71	5.21	3.03	0.62	0.49	0.37	0.49	3.20 CMS
Max	0.49	19.60	26.80	6.40	44.50	12.50	12.24	6.00	1.20	0.80	0.60	0.59	44.50 CMS
Min	0.34	0.39	1.30	1.20	1.30	2.24	2.52	1.20	0.32	0.15	0.10	0.44	0.10 CMS
Runoff	1.03	20.83	13.98	6.30	17.12	14.81	13.96	7.85	1.67	1.31	0.93	1.30	101.09 MCM
Momentary Peak	56.20 CMS. at 292.98 m. (MSL.) at 15.00 Hours , on Aug 26, 2007												
Runoff Yield	4.42 Liters/Second/Square KM.			Momentary Peak Yield				77.41 Liters/Second/Square KM.					

WATER YEAR : 2007

WANG RIVER BASIN

Nam Mae Tui at Ban Tha Lo , Lampang (W.20)

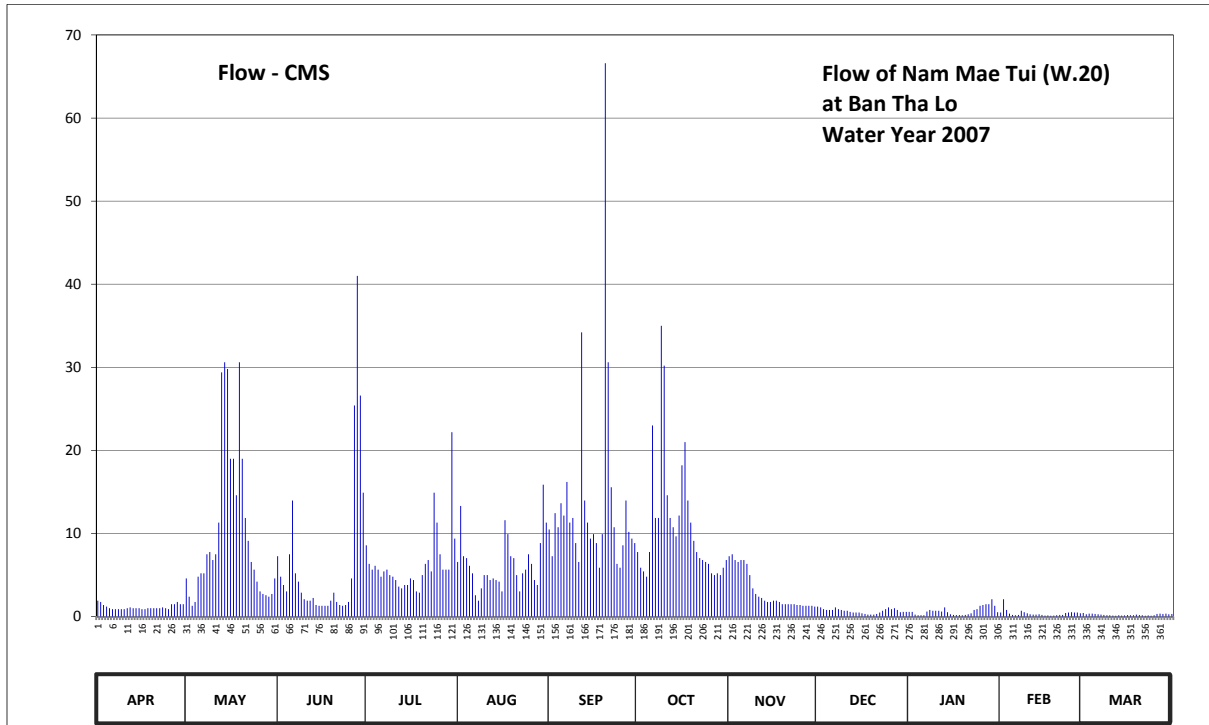
Lat 18 - 18 - 34 N Long 99 - 27 - 40 E

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	Fairly stable.		
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 41 discharge measurements made in 2007.		

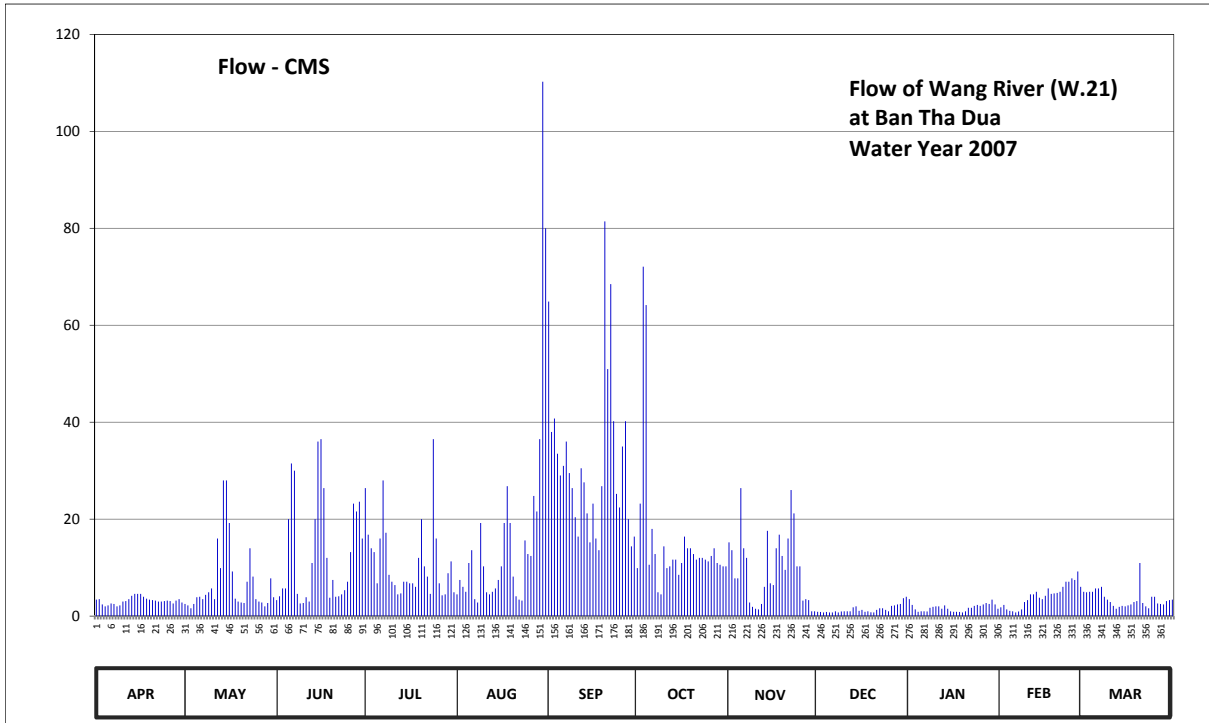
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	230.72	230.87	230.99	231.04	230.96	231.11	231.01	230.99	230.66	230.59	230.57	230.56	
2	230.71	230.75	230.88	230.95	231.21	230.99	230.93	231.00	230.65	230.59	230.73	230.52	
3	230.68	230.67	230.83	230.92	230.99	231.18	230.91	230.97	230.63	230.51	230.62	230.54	
4	230.66	230.71	230.79	230.94	230.98	231.12	230.88	230.96	230.62	230.48	230.54	230.54	
5	230.64	230.88	231.00	230.92	230.94	231.22	231.01	230.97	230.62	230.48	230.50	230.53	
6	230.63	230.90	231.23	230.88	230.90	231.17	231.47	230.97	230.62	230.48	230.48	230.52	
7	230.63	230.90	230.90	230.91	230.76	231.30	231.16	230.95	230.65	230.60	230.50	230.51	
8	230.63	231.00	230.85	230.92	230.72	231.14	231.16	230.89	230.63	230.62	230.61	230.50	
9	230.63	231.01	230.78	230.89	230.81	231.16	231.77	230.81	230.62	230.61	230.58	230.48	
10	230.63	230.97	230.73	230.88	230.89	231.05	231.65	230.77	230.61	230.61	230.55	230.48	
11	230.64	231.00	230.72	230.86	230.89	230.96	231.25	230.75	230.61	230.61	230.52	230.46	
12	230.65	231.14	230.72	230.82	230.86	231.75	231.16	230.74	230.59	230.60	230.51	230.45	
13	230.64	231.63	230.74	230.81	230.87	231.23	231.12	230.72	230.57	230.65	230.51	230.48	
14	230.64	231.66	230.68	230.83	230.86	231.14	231.08	230.71	230.57	230.58	230.52	230.46	
15	230.64	231.64	230.67	230.83	230.85	231.07	231.17	230.71	230.57	230.52	230.50	230.47	
16	230.63	231.37	230.67	230.87	230.79	231.09	231.35	230.72	230.55	230.50	230.46	230.49	
17	230.63	231.37	230.67	230.86	231.15	231.05	231.42	230.72	230.53	230.49	230.47	230.48	
18	230.64	231.25	230.67	230.79	231.09	230.93	231.23	230.71	230.51	230.49	230.45	230.48	
19	230.64	231.66	230.72	230.78	230.99	231.09	231.14	230.69	230.51	230.48	230.46	230.51	
20	230.64	231.37	230.78	230.89	230.98	232.39	231.06	230.69	230.51	230.50	230.48	230.49	
21	230.64	231.16	230.71	230.95	230.89	231.66	231.01	230.69	230.53	230.52	230.50	230.48	
22	230.64	231.06	230.68	230.97	230.79	231.28	230.98	230.69	230.57	230.55	230.50	230.45	
23	230.65	230.96	230.67	230.91	230.90	231.12	230.97	230.69	230.61	230.62	230.56	230.47	
24	230.64	230.92	230.68	231.26	230.92	230.95	230.96	230.68	230.63	230.63	230.57	230.45	
25	230.63	230.85	230.71	231.14	231.00	230.93	230.95	230.68	230.65	230.67	230.58	230.48	
26	230.69	230.79	230.87	231.00	230.95	231.04	230.90	230.67	230.63	230.68	230.57	230.53	
27	230.69	230.77	231.53	230.92	230.86	231.23	230.89	230.67	230.64	230.69	230.57	230.54	
28	230.71	230.76	231.92	230.92	230.83	231.10	230.90	230.67	230.62	230.69	230.55	230.53	
29	230.69	230.75	231.56	230.92	231.05	231.07	230.89	230.67	230.58	230.73	230.57	230.54	
30	230.69	230.77	231.26	231.45	231.29	231.05	230.93	230.66	230.59	230.67	230.57	230.52	
31		230.87		231.07	231.14		230.97		230.59	230.58		230.53	
Mean	230.65	231.05	230.89	230.94	230.94	231.19	231.11	230.77	230.60	230.58	230.54	230.50	
Max	230.72	231.66	231.92	231.45	231.29	232.39	231.77	231.00	230.66	230.73	230.73	230.56	232.39
Min	230.63	230.67	230.67	230.78	230.72	230.93	230.88	230.66	230.51	230.48	230.45	230.45	230.45
Annual Max Momentary Gage Height	232.77		m. (MSL.) ,				at 15.00 Hours ,	on Sep 20, 2007					
Zero Gage at Bottom Elevation	230.42		m. (MSL.) ,				River Bed	230.33	m. (MSL.)				
Left Bank Elevation		238.05		m. (MSL.) ,									
Right Bank Elevation		240.94		m. (MSL.) ,		Drainage Are	941	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.92	4.60	7.27	8.58	6.58	10.48	7.77	7.27	1.20	0.56	0.48	0.44	
2	1.76	2.40	4.80	6.35	13.32	7.27	5.89	7.50	1.10	0.56	2.08	0.28	
3	1.40	1.30	3.80	5.66	7.27	12.44	5.43	6.81	0.90	0.24	0.80	0.36	
4	1.20	1.76	3.04	6.12	7.04	10.76	4.80	6.58	0.80	0.16	0.36	0.36	
5	1.00	4.80	7.50	5.66	6.12	13.64	7.77	6.81	0.80	0.16	0.20	0.32	
6	0.90	5.20	13.96	4.80	5.20	12.16	23.00	6.81	0.80	0.16	0.16	0.28	
7	0.90	5.20	5.20	5.43	2.56	16.20	11.88	6.35	1.10	0.60	0.20	0.24	
8	0.90	7.50	4.20	5.66	1.92	11.32	11.88	5.00	0.90	0.80	0.70	0.20	
9	0.90	7.77	2.88	5.00	3.40	11.88	35.00	3.40	0.80	0.70	0.52	0.16	
10	0.90	6.81	2.08	4.80	5.00	8.85	30.20	2.72	0.70	0.70	0.40	0.16	
11	1.00	7.50	1.92	4.40	5.00	6.58	14.60	2.40	0.70	0.70	0.28	0.12	
12	1.10	11.32	1.92	3.60	4.40	34.20	11.88	2.24	0.56	0.60	0.24	0.10	
13	1.00	29.40	2.24	3.40	4.60	13.96	10.76	1.92	0.48	1.10	0.24	0.16	
14	1.00	30.60	1.40	3.80	4.40	11.32	9.66	1.76	0.48	0.52	0.28	0.12	
15	1.00	29.80	1.30	3.80	4.20	9.39	12.16	1.76	0.48	0.28	0.20	0.14	
16	0.90	19.00	1.30	4.60	3.04	9.93	18.20	1.92	0.40	0.20	0.12	0.18	
17	0.90	19.00	1.30	4.40	11.60	8.85	21.00	1.92	0.32	0.18	0.14	0.16	
18	1.00	14.60	1.30	3.04	9.93	5.89	13.96	1.76	0.24	0.18	0.10	0.16	
19	1.00	30.60	1.92	2.88	7.27	9.93	11.32	1.50	0.24	0.16	0.12	0.24	
20	1.00	19.00	2.88	5.00	7.04	66.60	9.12	1.50	0.24	0.20	0.16	0.18	
21	1.00	11.88	1.76	6.35	5.00	30.60	7.77	1.50	0.32	0.28	0.20	0.16	
22	1.00	9.12	1.40	6.81	3.04	15.56	7.04	1.50	0.48	0.40	0.20	0.10	
23	1.10	6.58	1.30	5.43	5.20	10.76	6.81	1.50	0.70	0.80	0.44	0.14	
24	1.00	5.66	1.40	14.92	5.66	6.35	6.58	1.40	0.90	0.90	0.48	0.10	
25	0.90	4.20	1.76	11.32	7.50	5.89	6.35	1.40	1.10	1.30	0.52	0.16	
26	1.50	3.04	4.60	7.50	6.35	8.58	5.20	1.30	0.90	1.40	0.48	0.32	
27	1.50	2.72	25.40	5.66	4.40	13.96	5.00	1.30	1.00	1.50	0.48	0.36	
28	1.76	2.56	41.00	5.66	3.80	10.20	5.20	1.30	0.80	1.50	0.40	0.32	
29	1.50	2.40	26.60	5.66	8.85	9.39	5.00	1.30	0.52	2.08	0.48	0.36	
30	1.50	2.72	14.92	22.20	15.88	8.85	5.89	1.20	0.56	1.30		0.28	
31		4.60		9.39	11.32		6.81		0.56	0.52		0.32	
Total	34.44	313.64	192.35	197.88	196.89	411.79	343.93	91.63	21.08	20.74	11.46	6.98	1842.81 CMSDAY
Mean	1.15	10.12	6.41	6.38	6.35	13.73	11.09	3.05	0.68	0.67	0.40	0.23	5.03 CMS
Max	1.92	30.60	41.00	22.20	15.88	66.60	35.00	7.50	1.20	2.08	2.08	0.44	66.60 CMS
Min	0.90	1.30	1.30	2.88	1.92	5.89	4.80	1.20	0.24	0.16	0.10	0.10	0.10 CMS
Runoff	2.98	27.10	16.62	17.10	17.01	35.58	29.72	7.92	1.82	1.79	0.99	0.60	159.22 MCM
Momentary Peak		92.78 CMS.											at 232.77 m. (MSL.) at 15.00 Hours , on Sep 20, 2007
Runoff Yield		5.37											Liters/Second/Square KM. Momentary Peak Yield 98.60 Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.40	2.50	3.30	26.40	4.50	64.88	9.90	15.20	0.90	3.50	1.80	5.00		
2	3.50	2.20	4.10	16.80	7.45	38.00	23.20	13.60	0.85	2.30	2.30	4.90		
3	2.40	1.60	5.70	14.00	6.05	40.75	72.08	7.80	0.75	1.40	1.40	5.00		
4	2.00	2.50	5.70	13.20	5.00	33.50	64.16	7.80	0.85	0.90	1.10	5.00		
5	2.20	3.90	20.00	6.75	10.95	29.00	10.60	26.40	0.75	1.00	1.00	5.70		
6	2.60	4.00	31.50	16.00	13.60	31.00	18.00	14.00	0.75	1.00	0.75	5.70		
7	2.50	3.50	30.00	28.00	3.50	36.00	12.80	12.00	1.00	0.95	0.95	6.05		
8	2.00	4.40	4.60	17.20	2.80	29.50	4.90	2.80	0.75	1.70	1.40	4.00		
9	2.20	4.90	2.60	8.50	19.20	26.40	4.50	1.90	0.95	1.90	2.90	3.40		
10	3.00	5.70	2.70	7.10	10.25	20.40	14.40	1.50	1.00	2.00	3.30	2.90		
11	3.10	3.50	3.90	6.40	4.90	16.40	9.90	1.40	1.00	2.00	4.50	2.10		
12	3.50	16.00	3.00	4.50	4.50	30.50	10.25	2.50	1.00	1.50	4.50	1.50		
13	4.20	9.90	10.95	4.70	5.00	27.60	11.65	6.05	1.80	2.20	5.00	1.90		
14	4.60	28.00	20.00	7.10	5.70	21.20	11.65	17.60	2.00	1.50	3.80	2.10		
15	4.60	28.00	36.00	7.10	7.45	15.20	8.50	6.75	1.10	1.00	3.50	2.00		
16	4.60	19.20	36.50	6.75	10.25	23.20	10.95	6.40	1.30	0.90	4.20	2.20		
17	4.00	9.20	26.40	6.75	19.20	16.00	16.40	14.00	0.90	0.90	5.70	2.40		
18	3.60	3.60	12.00	6.05	26.80	13.60	14.00	16.80	1.00	0.85	4.60	2.90		
19	3.40	3.00	3.80	12.00	19.20	26.80	14.00	12.40	0.80	0.75	4.70	3.10		
20	3.30	2.80	7.45	20.00	8.15	81.44	12.80	9.55	0.75	1.00	4.80	10.95		
21	3.20	2.70	4.00	10.25	4.10	50.95	11.65	16.00	1.30	1.70	5.00	2.70		
22	3.00	7.10	4.10	8.15	3.40	68.48	12.00	26.00	1.60	1.70	6.05	2.00		
23	3.00	14.00	4.50	4.60	3.20	40.20	12.00	21.20	1.60	2.10	7.10	1.60		
24	3.10	8.15	5.35	36.50	15.60	25.20	11.65	10.25	1.30	2.30	7.10	4.00		
25	3.20	3.50	7.10	16.00	12.80	22.40	11.30	10.25	1.00	2.10	7.80	4.00		
26	3.10	3.00	13.20	6.75	12.40	35.00	12.40	3.20	2.10	2.40	7.45	2.60		
27	2.60	2.80	23.20	4.30	24.80	40.20	14.00	3.50	2.20	2.70	9.20	2.50		
28	3.20	2.00	21.60	4.50	21.60	20.00	10.95	3.30	2.40	2.50	6.05	2.40		
29	3.50	2.70	23.60	8.85	36.50	14.40	10.60	1.00	2.50	3.40	5.00	3.10		
30	2.80	7.80	16.00	11.30	110.24	16.40	10.25	1.00	3.70	2.40		3.30		
31		3.90		4.90	80.00		10.25		4.00	1.50		3.40		
Total	95.40	216.05	392.85	351.40	519.09	954.60	481.69	292.15	43.90	54.05	122.95	110.40	3634.53	CMSDAY
Mean	3.18	6.97	13.10	11.34	16.74	31.82	15.54	9.74	1.42	1.74	4.24	3.56	9.93	CMS
Max	4.60	28.00	36.50	36.50	110.24	81.44	72.08	26.40	4.00	3.50	9.20	10.95	110.24	CMS
Min	2.00	1.60	2.60	4.30	2.80	13.60	4.50	1.00	0.75	0.75	1.50	0.75	0.75	CMS
Runoff	8.24	18.67	33.94	30.36	44.85	82.48	41.62	25.24	3.79	4.67	10.62	9.54	314.02	MCM
Momentary Peak	24.50	CMS.	at 233.95 m. (MSL.)	at 06.00 Hours	, on Aug 30, 2007									
Runoff Yield	2.96	Liters/Second/Square KM.			Momentary Peak Yield	7.28	Liters/Second/Square KM.							

WATER YEAR : 2007

WANG RIVER BASIN

Nam Mae Chang at Ban Wang Phrao , Lampang (W.22)

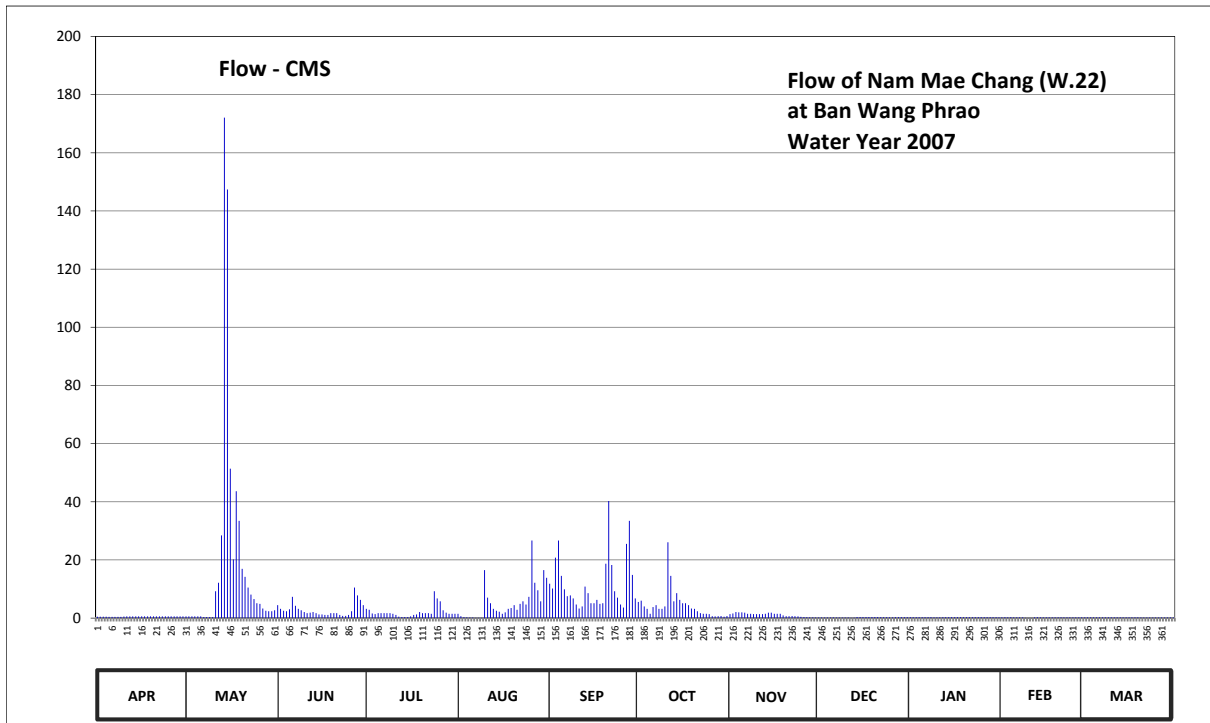
Lat 18 - 08 - 35 N Long 99 - 24 - 48 E

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 fair. Stage-discharge relation defined by 27 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	216.18	216.36	215.73	215.66	215.54	216.00	215.78	215.53	215.36	215.83	215.77	215.73	
2	216.13	216.36	215.66	215.64	215.45	215.95	215.80	215.55	215.36	215.83	215.80	215.73	
3	216.13	216.36	215.62	215.55	215.40	216.22	215.71	215.59	215.36	215.83	215.77	215.73	
4	216.13	216.38	215.61	215.53	215.37	216.32	215.66	215.58	215.36	215.83	215.81	215.73	
5	216.12	216.38	215.65	215.56	215.36	216.08	215.54	215.58	215.36	215.83	215.77	215.73	
6	216.11	216.42	215.85	215.56	215.33	215.94	215.70	215.57	215.37	215.82	215.76	215.72	
7	216.08	215.96	215.72	215.56	215.26	215.86	215.73	215.54	215.36	215.79	215.77	215.72	
8	216.05	215.96	215.66	215.56	215.26	215.87	215.66	215.54	215.35	215.79	215.73	215.72	
9	216.07	215.92	215.63	215.56	215.27	215.83	215.66	215.53	215.35	215.77	215.41	215.72	
10	216.23	215.83	215.59	215.54	216.13	215.74	215.71	215.53	215.35	215.76	215.33	215.72	
11	216.37	215.92	215.56	215.51	215.84	215.67	216.31	215.53	215.35	215.76	215.26	215.71	
12	216.44	216.01	215.57	215.43	215.76	215.71	216.08	215.53	215.35	215.82	215.78	215.71	
13	216.43	216.35	215.59	215.41	215.66	215.97	215.79	215.54	215.47	215.82	215.88	215.71	
14	216.44	217.59	215.56	215.41	215.62	215.90	215.90	215.57	215.95	215.82	215.76	215.71	
15	216.44	217.46	215.52	215.41	215.60	215.76	215.81	215.57	215.95	215.83	215.74	215.71	
16	216.36	216.68	215.52	215.44	215.54	215.76	215.76	215.54	215.95	215.83	215.74	215.71	
17	216.37	216.21	215.51	215.51	215.58	215.81	215.76	215.54	215.95	215.83	215.74	215.71	
18	216.37	216.58	215.51	215.52	215.66	215.75	215.73	215.54	215.95	215.83	215.74	215.70	
19	216.37	216.43	215.56	215.59	215.68	215.76	215.67	215.49	215.92	215.83	215.74	215.69	
20	216.37	216.14	215.56	215.56	215.73	216.18	215.66	215.45	215.92	215.83	215.74	215.68	
21	216.37	216.07	215.56	215.56	215.64	216.53	215.61	215.45	215.92	215.83	215.74	215.64	
22	216.37	215.96	215.51	215.56	215.75	216.17	215.56	215.46	215.89	215.83	215.73	215.64	
23	216.36	215.88	215.47	215.54	215.79	215.92	215.54	215.45	215.85	215.82	215.73	215.64	
24	216.36	215.82	215.47	215.92	215.74	215.84	215.54	215.44	215.79	215.82	215.73	215.64	
25	216.36	215.76	215.51	215.83	215.85	215.74	215.53	215.42	215.73	215.82	215.73	215.64	
26	216.36	215.75	215.61	215.79	216.32	215.69	215.45	215.41	215.73	215.81	215.73	215.64	
27	216.35	215.67	215.96	215.63	216.01	216.30	215.44	215.40	215.83	215.81	215.73	215.64	
28	216.38	215.62	215.87	215.57	215.93	216.43	215.45	215.39	215.83	215.81	215.73	215.64	
29	216.37	215.61	215.81	215.54	215.79	216.09	215.46	215.37	215.83	215.82	215.73	215.64	
30	216.36	215.61	215.73	215.54	216.13	215.83	215.43	215.35	215.83	215.81	215.64	215.64	
31		215.63		215.54	216.06		215.46		215.83	215.78		215.65	
Mean	216.29	216.15	215.62	215.57	215.68	215.95	215.67	215.50	215.66	215.81	215.71	215.69	
Max	216.44	217.59	215.96	215.92	216.32	216.53	216.31	215.59	215.95	215.83	215.88	215.73	217.59
Min	216.05	215.61	215.47	215.41	215.26	215.67	215.43	215.35	215.35	215.76	215.26	215.64	215.26
Annual Max Momentary Gage Height	217.96		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	215.16		m. (MSL.) ,				River Bed 214.25		m. (MSL.)				
Left Bank Elevation		221.15		m. (MSL.) ,									
Right Bank Elevation		221.21		m. (MSL.) ,		Drainage Are	1,549		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.49	0.58	4.46	3.16	1.48	11.80	5.56	1.36	0.24	0.32	0.29	0.27	
2	0.47	0.58	3.16	2.84	0.65	10.20	6.00	1.60	0.24	0.32	0.30	0.27	
3	0.47	0.58	2.52	1.60	0.30	20.78	4.02	2.08	0.24	0.32	0.29	0.27	
4	0.47	0.59	2.36	1.36	0.26	26.68	3.16	1.96	0.24	0.32	0.31	0.27	
5	0.46	0.59	3.00	1.72	0.24	14.52	1.48	1.96	0.24	0.32	0.29	0.27	
6	0.46	0.61	7.30	1.72	0.20	9.88	3.80	1.84	0.26	0.31	0.28	0.26	
7	0.44	0.38	4.24	1.72	0.09	7.56	4.46	1.48	0.24	0.30	0.29	0.26	
8	0.43	0.38	3.16	1.72	0.09	7.82	3.16	1.48	0.23	0.30	0.27	0.26	
9	0.44	0.36	2.68	1.72	0.11	6.78	3.16	1.36	0.23	0.29	0.11	0.26	
10	0.52	0.32	2.08	1.48	16.52	4.68	4.02	1.36	0.23	0.28	0.07	0.26	
11	0.59	9.24	1.72	1.12	7.04	3.32	26.09	1.36	0.23	0.28	0.03	0.26	
12	0.62	12.14	1.84	0.51	5.12	4.02	14.52	1.36	0.08	0.31	0.29	0.26	
13	0.62	28.45	2.08	0.37	3.16	10.84	5.78	1.48	0.14	0.31	0.34	0.26	
14	0.62	172.10	1.72	0.37	2.52	8.60	8.60	1.84	0.38	0.31	0.28	0.26	
15	0.62	147.40	1.24	0.37	2.20	5.12	6.26	1.84	0.38	0.32	0.27	0.26	
16	0.58	51.40	1.24	0.58	1.48	5.12	5.12	1.48	0.38	0.32	0.27	0.26	
17	0.59	20.19	1.12	1.12	1.96	6.26	5.12	1.48	0.38	0.32	0.27	0.26	
18	0.59	43.64	1.12	1.24	3.16	4.90	4.46	1.48	0.38	0.32	0.27	0.25	
19	0.59	33.44	1.72	2.08	3.48	5.12	3.32	0.93	0.36	0.32	0.27	0.25	
20	0.59	16.96	1.72	1.72	4.46	18.72	3.16	0.65	0.36	0.32	0.27	0.24	
21	0.59	14.18	1.72	1.72	2.84	40.24	2.36	0.65	0.36	0.32	0.27	0.22	
22	0.59	10.52	1.12	1.72	4.90	18.28	1.72	0.72	0.35	0.32	0.27	0.22	
23	0.58	8.08	0.79	1.48	5.78	9.24	1.48	0.65	0.33	0.31	0.27	0.22	
24	0.58	6.52	0.79	9.24	4.68	7.04	1.48	0.58	0.30	0.31	0.27	0.22	
25	0.58	5.12	1.12	6.78	7.30	4.68	1.36	0.44	0.27	0.31	0.27	0.22	
26	0.58	4.90	2.36	5.78	26.68	3.64	0.65	0.37	0.27	0.31	0.27	0.22	
27	0.58	3.32	10.52	2.68	12.14	25.50	0.58	0.30	0.32	0.31	0.27	0.22	
28	0.59	2.52	7.82	1.84	9.56	33.44	0.65	0.29	0.32	0.31	0.27	0.22	
29	0.59	2.36	6.26	1.48	5.78	14.86	0.72	0.26	0.32	0.31	0.27	0.22	
30	0.58	2.36	4.46	1.48	16.52	6.78	0.51	0.23	0.32	0.31		0.22	
31		2.68		1.48	13.84		0.72		0.32	0.29		0.23	
Total	16.50	602.49	87.44	64.20	164.54	356.42	133.48	34.87	8.94	9.62	7.49	7.64	1493.63 CMSDAY
Mean	0.55	19.44	2.91	2.07	5.31	11.88	4.31	1.16	0.29	0.31	0.26	0.25	4.08 CMS
Max	0.62	172.10	10.52	9.24	26.68	40.24	26.09	2.08	0.38	0.32	0.34	0.27	172.10 CMS
Min	0.43	0.32	0.79	0.37	0.09	3.32	0.51	0.23	0.08	0.28	0.03	0.22	0.03 CMS
Runoff	1.43	52.06	7.55	5.55	14.22	30.79	11.53	3.01	0.77	0.83	0.65	0.66	129.05 MCM
Momentary Peak	251.00	CMS.	at 217.96 m. (MSL.)	at 18.00 Hours	on May 14, 2007								
Runoff Yield	2.64	Liters/Second/Square KM.		Momentary Peak Yield	162.04	Liters/Second/Square KM.							

WATER YEAR : 2007

WANG RIVER BASIN

Wang River at Ban Chiang Rai , Tak (W.23)

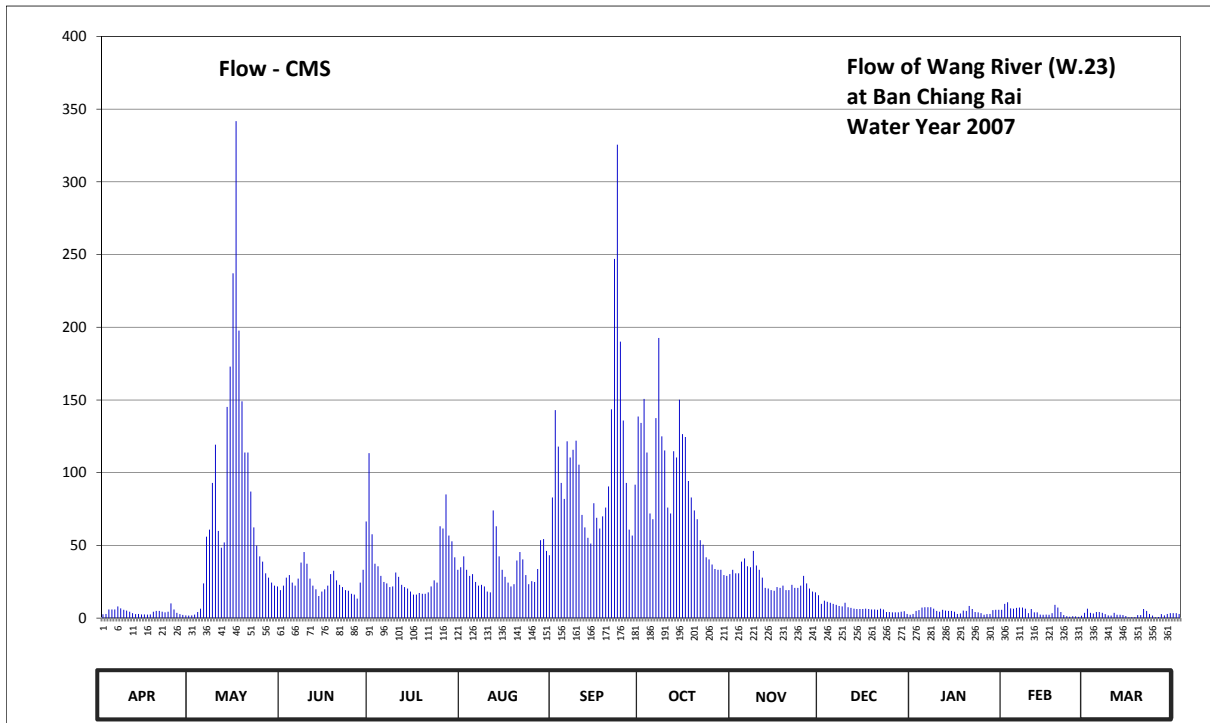
Lat 17 - 22 - 01 N Long 99 - 06 - 55 E

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 +148.569 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 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	141.98	141.92	142.54	143.07	142.87	144.20	144.34	142.69	142.31	142.08	142.28	142.03	
2	142.00	141.96	142.64	142.80	142.73	143.71	143.62	142.69	142.29	142.10	142.15	142.01	
3	142.12	142.05	142.67	142.77	142.66	143.44	143.24	142.82	142.27	142.17	142.14	142.05	
4	142.12	142.14	142.58	142.66	142.68	143.34	143.20	142.85	142.25	142.18	142.16	142.05	
5	142.12	142.57	142.54	142.59	142.59	143.79	144.10	142.77	142.23	142.18	142.17	142.03	
6	142.20	143.05	142.63	142.57	142.54	143.58	144.89	142.76	142.21	142.18	142.17	141.99	
7	142.15	143.11	142.81	142.52	142.55	143.66	143.86	142.92	142.20	142.14	142.14	141.92	
8	142.11	143.44	142.91	142.53	142.53	143.80	143.65	142.78	142.27	142.08	142.02	141.91	
9	142.09	143.74	142.80	142.70	142.46	143.54	143.28	142.73	142.18	142.06	142.13	142.03	
10	142.06	143.10	142.63	142.65	142.45	143.23	143.24	142.64	142.16	142.11	142.04	141.95	
11	142.02	142.95	142.54	142.55	143.26	143.13	143.64	142.51	142.14	142.09	142.04	141.95	
12	141.99	143.00	142.49	142.52	143.14	143.04	143.58	142.50	142.13	142.08	141.96	141.93	
13	142.00	144.24	142.40	142.50	142.87	142.99	144.33	142.48	142.13	142.08	141.95	141.88	
14	141.97	144.65	142.46	142.46	142.73	143.31	143.89	142.47	142.13	142.06	141.96	141.81	
15	141.97	145.38	142.49	142.42	142.65	143.21	143.85	142.52	142.14	142.00	141.95	141.82	
16	141.96	146.31	142.54	142.42	142.58	143.12	143.45	142.51	142.13	142.01	142.02	141.82	
17	141.97	144.95	142.68	142.44	142.53	143.22	143.35	142.54	142.12	142.09	142.23	141.93	
18	142.06	144.31	142.72	142.43	142.56	143.28	143.26	142.48	142.12	142.08	142.17	141.93	
19	142.08	143.62	142.61	142.43	142.83	143.42	143.20	142.48	142.11	142.21	142.05	142.13	
20	142.08	143.62	142.55	142.45	142.91	144.21	143.02	142.55	142.14	142.13	141.93	142.08	
21	142.06	143.39	142.52	142.53	142.84	145.48	142.98	142.51	142.12	142.05	141.87	142.00	
22	142.04	143.13	142.48	142.61	142.67	146.18	142.86	142.51	142.05	142.04	141.85	141.91	
23	142.06	142.97	142.47	142.58	142.56	144.86	142.84	142.54	142.05	142.02	141.87	141.81	
24	142.26	142.87	142.43	143.14	142.60	144.07	142.79	142.66	142.04	141.95	141.86	141.83	
25	142.12	142.82	142.42	143.12	142.59	143.44	142.74	142.57	142.04	141.99	141.84	141.99	
26	142.03	142.69	142.35	143.37	142.74	143.11	142.73	142.50	142.04	142.00	141.90	141.92	
27	141.99	142.64	142.58	143.06	143.02	143.06	142.73	142.46	142.06	142.10	142.03	142.00	
28	141.94	142.58	142.73	143.01	143.03	143.43	142.67	142.45	142.07	142.11	142.14	142.02	
29	141.92	142.54	143.18	142.86	142.92	144.12	142.66	142.41	142.00	142.11	142.12	142.02	
30	141.91	142.53	143.61	142.73	142.88	144.04	142.68	142.25	141.95	142.11		142.02	
31		142.48		142.76	143.35		142.73		142.00	142.25		142.00	
Mean	142.05	143.25	142.63	142.69	142.75	143.70	143.34	142.59	142.13	142.09	142.04	141.96	
Max	142.26	146.31	143.61	143.37	143.35	146.18	144.89	142.92	142.31	142.25	142.28	142.13	146.31
Min	141.91	141.92	142.35	142.42	142.45	142.99	142.66	142.25	141.95	141.95	141.84	141.81	141.81
Annual Max Momentary Gage Height	146.44		m. (MSL.) ,			at 06.00 Hours ,		on May 16, 2007					
Zero Gage at Bottom Elevation	141.29		m. (MSL.) ,			River Bed	141.10	m. (MSL.)					
Left Bank Elevation		147.01		m. (MSL.) ,									
Right Bank Elevation		148.00		m. (MSL.) ,		Drainage Are	9,930	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.65	1.90	22.34	57.60	42.51	143.00	150.70	30.80	11.96	4.94	10.88	3.67		
2	2.90	2.40	27.80	37.40	33.20	117.95	113.90	30.80	11.24	5.45	6.73	3.16		
3	5.96	4.18	29.60	35.60	29.00	93.00	72.00	38.86	10.52	7.24	6.47	4.18		
4	5.96	6.47	24.38	29.00	30.20	82.00	68.00	41.05	9.80	7.49	6.98	4.18		
5	5.96	23.87	22.34	24.89	24.89	121.55	137.50	35.60	9.08	7.49	7.24	3.67		
6	8.00	56.00	27.20	23.87	22.34	110.50	192.65	35.00	8.36	7.49	7.24	2.78		
7	6.73	60.80	38.13	21.32	22.85	115.70	125.00	46.16	8.00	6.47	6.47	1.90		
8	5.71	93.00	45.43	21.83	21.83	122.00	115.25	36.20	10.52	4.94	3.41	1.78		
9	5.20	119.30	37.40	31.40	18.26	105.50	76.00	33.20	7.49	4.43	6.22	3.67		
10	4.43	60.00	27.20	28.40	17.75	71.00	72.00	27.80	6.98	5.71	3.92	2.28		
11	3.41	48.35	22.34	22.85	74.00	62.40	114.80	20.81	6.47	5.20	3.92	2.28		
12	2.78	52.00	19.79	21.32	63.20	55.20	110.50	20.30	6.22	4.94	2.40	2.03		
13	2.90	145.20	15.20	20.30	42.51	51.27	150.15	19.28	6.22	4.94	2.28	1.40		
14	2.53	173.00	18.26	18.26	33.20	79.00	126.50	18.77	6.22	4.43	2.40	0.53		
15	2.53	237.10	19.79	16.22	28.40	69.00	124.50	21.32	6.47	2.90	2.28	0.65		
16	2.40	341.75	22.34	16.22	24.38	61.60	94.25	20.81	6.22	3.16	3.41	0.65		
17	2.53	197.75	30.20	17.24	21.83	70.00	83.00	22.34	5.96	5.20	9.08	2.03		
18	4.43	149.05	32.60	16.73	23.36	76.00	74.00	19.28	5.96	4.94	7.24	2.03		
19	4.94	113.90	26.00	16.73	39.59	90.50	68.00	19.28	5.71	8.36	4.18	6.22		
20	4.94	113.90	22.85	17.75	45.43	143.55	53.60	22.85	6.47	6.22	2.03	4.94		
21	4.43	87.00	21.32	21.83	40.32	247.00	50.54	20.81	5.96	4.18	1.28	2.90		
22	3.92	62.40	19.28	26.00	29.60	325.60	41.78	20.81	4.18	3.92	1.03	1.78		
23	4.43	49.81	18.77	24.38	23.36	190.10	40.32	22.34	4.18	3.41	1.28	0.53		
24	10.16	42.51	16.73	63.20	25.40	135.85	36.80	29.00	3.92	2.28	1.15	0.78		
25	5.96	38.86	16.22	61.60	24.89	93.00	33.80	23.87	3.92	2.78	0.90	2.78		
26	3.67	30.80	13.40	85.00	33.80	60.80	33.20	20.30	3.92	2.90	1.65	1.90		
27	2.78	27.80	24.38	56.80	53.60	56.80	33.20	18.26	4.43	5.45	3.67	2.90		
28	2.15	24.38	33.20	52.80	54.40	91.75	29.60	17.75	4.69	5.71	6.47	3.41		
29	1.90	22.34	66.40	41.78	46.16	138.60	29.00	15.71	2.90	5.71	5.96	3.41		
30	1.78	21.83	113.45	33.20	43.24	134.20	30.20	9.80	2.28	5.71		3.41		
31		19.28		35.00	83.00		33.20		2.90	9.80		2.90		
Total	128.07	2426.93	874.34	996.52	1116.50	3314.42	2513.94	759.16	199.15	163.79	128.17	80.73	12701.72	CMSDAY
Mean	4.27	78.29	29.14	32.15	36.02	110.48	81.09	25.31	6.42	5.28	4.42	2.60	34.70	CMS
Max	10.16	341.75	113.45	85.00	83.00	325.60	192.65	46.16	11.96	9.80	10.88	6.22	341.75	CMS
Min	1.78	1.90	13.40	16.22	17.75	51.27	29.00	9.80	2.28	2.28	0.90	0.53	0.53	CMS
Runoff	11.07	209.69	75.54	86.10	96.47	286.37	217.20	65.59	17.21	14.15	11.07	6.98	1097.43	MCM
Momentary Peak	358.20 CMS. at 146.44 m. (MSL.) at 06.00 Hours , on May 16, 2007													
Runoff Yield	3.50 Liters/Second/Square KM.			Momentary Peak Yield				36.07 Liters/Second/Square KM.						

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Nam Khong , Phrae (Y.1C)

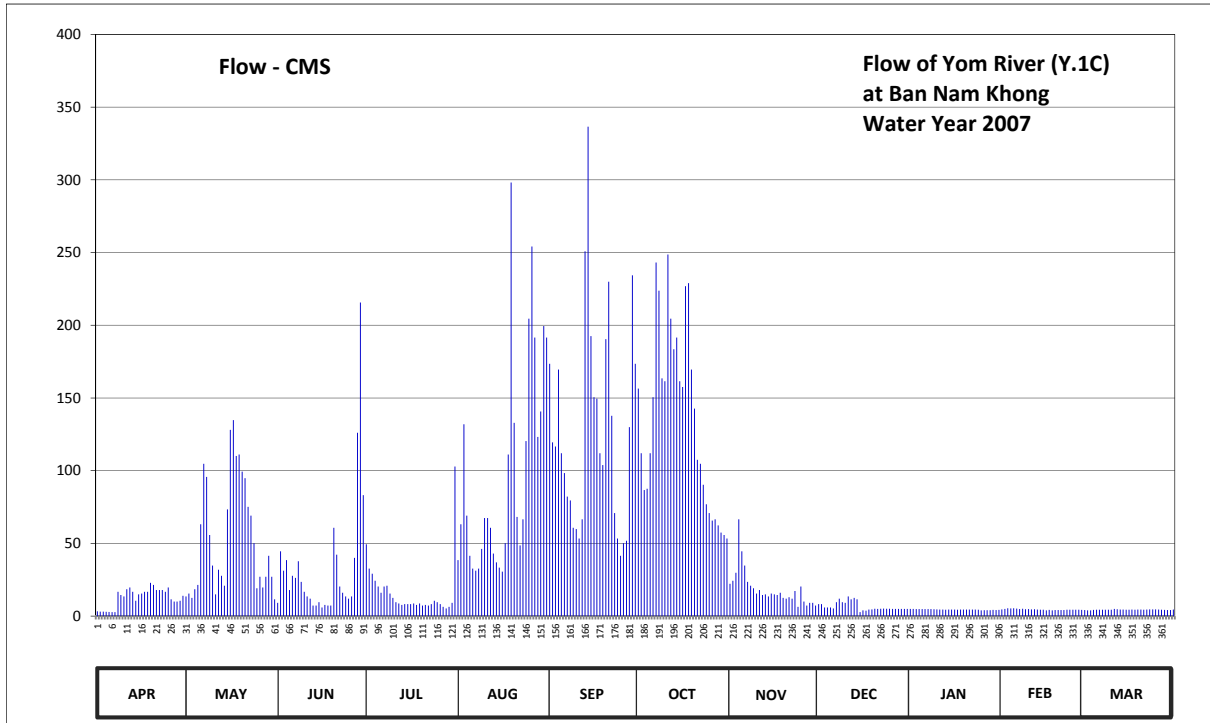
Lat 18 - 07 - 57 N Long 100 - 07 - 42 E

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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Mae yom weir situated about 76 kilometers above gage site. Stage-discharge relation defined by 141 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	144.12	143.96	143.87	144.48	144.34	145.83	145.66	144.11	143.85	144.29	144.26	144.22	
2	144.10	144.00	144.42	144.26	144.65	145.28	145.20	144.14	143.85	144.29	144.29	144.20	
3	144.10	143.94	144.24	144.21	145.41	145.25	144.92	144.22	143.80	144.28	144.34	144.19	
4	144.08	144.05	144.34	144.14	144.72	145.79	144.93	144.69	143.80	144.28	144.33	144.23	
5	144.06	144.10	144.04	144.08	144.38	145.20	145.20	144.42	143.80	144.28	144.34	144.24	
6	144.05	144.65	144.19	144.01	144.26	145.05	145.60	144.29	143.78	144.28	144.32	144.24	
7	144.05	145.12	144.17	144.08	144.24	144.87	146.51	144.13	143.88	144.28	144.28	144.24	
8	144.02	145.02	144.33	144.09	144.26	144.84	146.33	144.09	143.93	144.28	144.30	144.24	
9	143.98	144.56	144.13	144.00	144.44	144.62	145.73	144.06	143.88	144.27	144.27	144.24	
10	143.96	144.29	144.02	143.94	144.70	144.61	145.71	144.00	143.87	144.26	144.28	144.24	
11	144.05	143.99	143.96	143.88	144.70	144.53	146.56	144.04	143.96	144.25	144.26	144.29	
12	144.07	144.25	143.93	143.86	144.62	144.69	146.14	143.98	143.92	144.25	144.27	144.27	
13	144.02	144.19	143.83	143.84	144.40	146.58	145.93	143.99	143.94	144.24	144.25	144.25	
14	143.90	144.09	143.83	143.85	144.32	147.33	146.01	143.96	143.92	144.25	144.24	144.25	
15	143.99	144.77	143.88	143.85	144.27	146.02	145.71	144.00	144.05	144.25	144.24	144.24	
16	144.00	145.37	143.80	143.85	144.23	145.60	145.67	143.99	144.19	144.25	144.19	144.24	
17	144.02	145.44	143.84	143.86	144.49	145.59	146.36	143.98	144.17	144.24	144.23	144.25	
18	144.02	145.18	143.83	143.84	145.19	145.20	146.38	144.01	144.25	144.25	144.20	144.24	
19	144.12	145.19	143.83	143.86	147.01	145.11	145.79	143.94	144.26	144.25	144.22	144.25	
20	144.10	145.06	144.62	143.83	145.42	146.00	145.52	143.93	144.31	144.25	144.22	144.25	
21	144.04	145.01	144.39	143.84	144.71	146.39	145.15	143.95	144.29	144.25	144.22	144.24	
22	144.04	144.79	144.08	143.83	144.47	145.47	145.12	143.93	144.30	144.25	144.22	144.25	
23	144.04	144.72	144.01	143.85	144.69	144.74	144.96	144.03	144.32	144.25	144.24	144.26	
24	144.02	144.49	143.96	143.90	145.29	144.53	144.81	143.81	144.30	144.24	144.24	144.26	
25	144.07	144.06	143.93	143.88	146.14	144.38	144.74	144.08	144.30	144.20	144.24	144.26	
26	143.92	144.18	143.96	143.85	146.61	144.49	144.68	143.89	144.29	144.21	144.24	144.25	
27	143.89	144.07	144.36	143.81	146.01	144.51	144.69	143.83	144.29	144.21	144.24	144.24	
28	143.89	144.18	145.35	143.78	145.32	145.39	144.64	143.87	144.29	144.21	144.23	144.23	
29	143.90	144.38	146.25	143.81	145.50	146.43	144.58	143.87	144.29	144.23	144.22	144.22	
30	143.97	144.18	144.88	143.87	146.09	145.83	144.56	143.83	144.29	144.22	144.22	144.22	
31		143.92		145.10	146.01		144.53		144.29	144.23		144.25	
Mean	144.02	144.49	144.21	143.98	145.00	145.34	145.43	144.04	144.09	144.25	144.26	144.24	
Max	144.12	145.44	146.25	145.10	147.01	147.33	146.56	144.69	144.32	144.29	144.34	144.29	147.33
Min	143.89	143.92	143.80	143.78	144.23	144.38	144.53	143.81	143.78	144.20	144.19	144.19	143.78
Annual Max Momentary Gage Height	147.75		m. (MSL.) ,										at 05.00 Hours , on Sep 14, 2007
Zero Gage at Bottom Elevation	143.50		m. (MSL.) ,			River Bed	141.01	m. (MSL.)					
Left Bank Elevation		153.86		m. (MSL.) ,									
Right Bank Elevation		153.84		m. (MSL.) ,		Drainage Are	7,749	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.28	13.50	9.12	49.40	38.50	173.50	156.50	22.19	8.20	4.90	4.60	4.20		
2	3.10	15.50	44.60	32.66	63.20	119.44	112.00	24.26	8.20	4.90	4.90	4.00		
3	3.10	12.50	31.24	29.11	131.88	116.65	86.70	29.82	5.90	4.80	5.40	3.91		
4	2.96	18.50	38.50	24.26	69.12	169.50	87.60	66.56	5.90	4.80	5.30	4.30		
5	2.82	21.50	17.90	20.30	41.50	112.00	112.00	44.60	5.90	4.80	5.40	4.40		
6	2.75	63.20	27.71	16.10	32.66	98.40	150.50	34.79	5.22	4.80	5.20	4.40		
7	2.75	104.72	26.33	20.30	31.24	82.23	243.10	23.57	9.58	4.80	4.80	4.40		
8	16.70	95.70	37.75	20.90	32.66	79.56	223.79	20.90	12.00	4.80	5.00	4.40		
9	14.50	55.80	23.57	15.50	46.20	60.68	163.50	19.10	9.58	4.70	4.70	4.40		
10	13.50	34.79	16.70	12.50	67.40	59.84	161.50	15.50	9.12	4.60	4.80	4.40		
11	18.50	15.00	13.50	9.58	67.40	53.40	248.60	17.90	13.50	4.50	4.60	4.90		
12	19.70	31.95	12.00	8.66	60.68	66.56	204.54	14.50	11.50	4.50	4.70	4.70		
13	16.70	27.71	7.28	7.74	43.00	250.80	183.50	15.00	12.50	4.40	4.50	4.50		
14	10.50	20.90	7.28	8.20	37.00	336.60	191.50	13.50	11.50	4.50	4.40	4.50		
15	15.00	73.42	9.58	8.20	33.37	192.50	161.50	15.50	2.75	4.50	4.40	4.40		
16	15.50	128.02	5.90	8.20	30.53	150.50	157.50	15.00	3.91	4.50	3.91	4.40		
17	16.70	134.82	7.74	8.66	50.20	149.52	226.88	14.50	3.73	4.40	4.30	4.50		
18	16.70	110.18	7.28	7.74	111.09	112.00	228.94	16.10	4.50	4.50	4.00	4.40		
19	22.88	111.09	7.28	8.66	298.20	103.81	169.50	12.50	4.60	4.50	4.20	4.50		
20	21.50	99.30	60.68	7.28	132.86	190.50	142.66	12.00	5.10	4.50	4.20	4.50		
21	17.90	94.80	42.25	7.74	68.26	229.97	107.45	13.00	4.90	4.50	4.20	4.40		
22	17.90	75.14	20.30	7.28	48.60	137.76	104.72	12.00	5.00	4.50	4.20	4.50		
23	17.90	69.12	16.10	8.20	66.56	70.84	90.30	17.30	5.20	4.50	4.40	4.60		
24	16.70	50.20	13.50	10.50	120.37	53.40	76.89	6.36	5.00	4.40	4.40	4.60		
25	19.70	19.10	12.00	9.58	204.54	41.50	70.84	20.30	5.00	4.00	4.40	4.60		
26	11.50	27.02	13.50	8.20	254.10	50.20	65.72	10.04	4.90	4.10	4.40	4.50		
27	10.04	19.70	40.00	6.36	191.50	51.80	66.56	7.28	4.90	4.10	4.40	4.40		
28	10.04	27.02	126.10	5.22	123.22	129.94	62.36	9.12	4.90	4.10	4.30	4.30		
29	10.50	41.50	215.65	6.36	140.70	234.30	57.40	9.12	4.90	4.30	4.20	4.20		
30	14.00	27.02	83.12	9.12	199.50	173.50	55.80	7.28	4.90	4.20		4.20		
31		11.50		102.90	191.50		53.40		4.90	4.30		4.50		
Total	385.32	1650.22	994.46	505.41	3027.54	3851.20	4223.75	559.59	207.69	139.70	132.21	136.91	15814.00	CMSDAY
Mean	12.84	53.23	33.15	16.30	97.66	128.37	136.25	18.65	6.70	4.51	4.56	4.42	43.21	CMS
Max	22.88	134.82	215.65	102.90	298.20	336.60	248.60	66.56	13.50	4.90	5.40	4.90	336.60	CMS
Min	2.75	11.50	5.90	5.22	30.53	41.50	53.40	6.36	2.75	4.00	3.91	3.91	2.75	CMS
Runoff	33.29	142.58	85.92	43.67	261.58	332.74	364.93	48.35	17.94	12.07	11.42	11.83	1366.33	MCM
Momentary Peak	389.50 CMS. at 147.75 m. (MSL.) at 05.00 Hours , on Sep 14, 2007													
Runoff Yield	5.59 Liters/Second/Square KM.			Momentary Peak Yield				50.26 Liters/Second/Square KM.						

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Wang Mai Khon , Sukhothai (Y.3A)

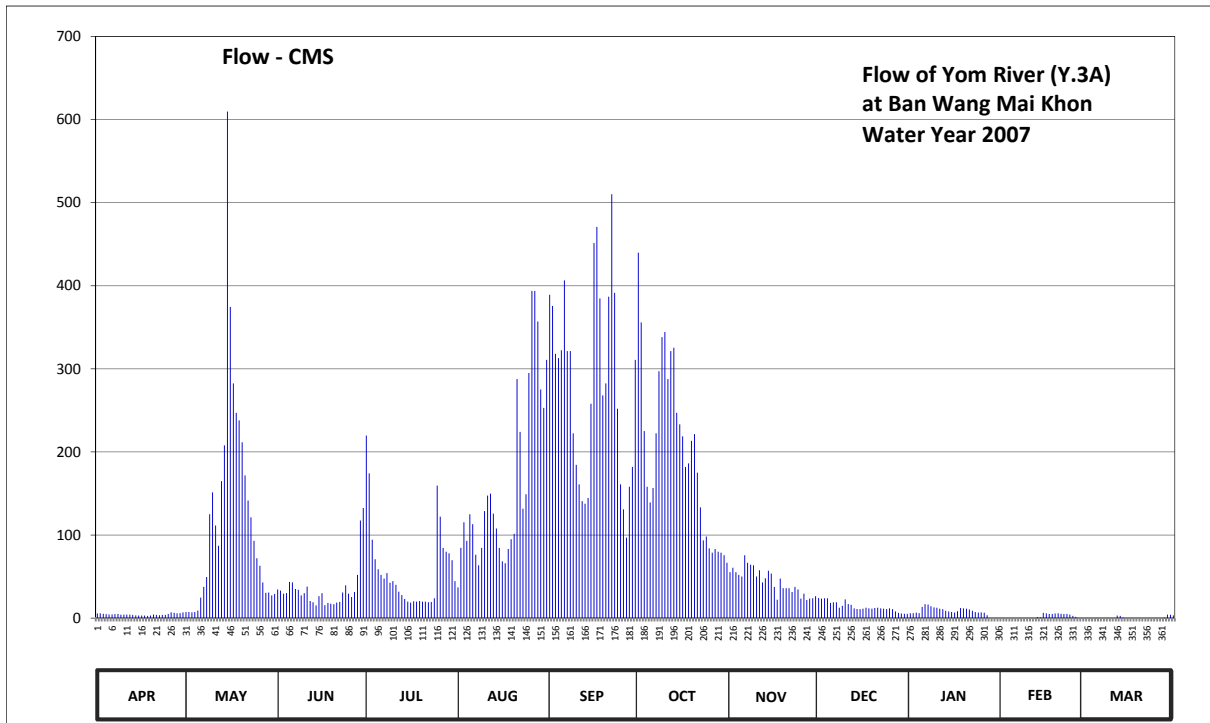
Lat 17 - 18 - 28 N Long 99 - 49 - 44 E

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	Staff gage.		
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	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 to date		
Rated by Flot	-		
Rated by Current Meter	1967 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 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	50.82	50.89	51.61	54.24	51.66	55.88	56.32	52.02	51.38	50.83	50.56	50.39	
2	50.83	50.89	51.58	53.72	52.50	55.76	55.58	52.11	51.36	50.84	50.50	50.38	
3	50.81	50.88	51.50	52.65	52.95	55.22	54.30	52.02	51.37	50.86	50.46	50.41	
4	50.79	50.89	51.51	52.28	52.63	55.17	53.52	51.96	51.37	50.84	50.47	50.45	
5	50.78	50.96	51.79	52.08	53.08	55.26	53.27	51.92	51.23	51.10	50.51	50.48	
6	50.78	51.39	51.78	51.96	52.92	56.03	53.50	52.36	51.25	51.19	50.54	50.47	
7	50.79	51.67	51.62	51.87	52.37	55.25	54.27	52.21	51.25	51.18	50.50	50.46	
8	50.80	51.91	51.60	52.00	52.16	55.25	55.02	52.17	51.07	51.12	50.47	50.47	
9	50.76	53.08	51.45	51.77	52.50	54.27	55.41	52.16	51.14	51.08	50.59	50.48	
10	50.77	53.43	51.51	51.81	53.13	53.84	55.47	51.92	51.34	51.07	50.58	50.49	
11	50.77	52.90	51.68	51.72	53.38	53.56	54.93	52.06	51.20	51.04	50.53	50.60	
12	50.77	52.54	51.29	51.55	53.41	53.29	55.25	51.78	51.17	51.02	50.56	50.72	
13	50.75	53.61	51.25	51.46	53.09	53.25	55.29	51.88	51.05	50.95	50.65	50.71	
14	50.73	54.11	51.15	51.35	52.85	53.34	54.53	52.05	51.03	50.92	50.64	50.62	
15	50.72	57.78	51.43	51.27	52.50	54.64	54.39	51.99	51.02	50.89	50.85	50.49	
16	50.72	55.75	51.51	51.24	52.24	56.42	54.23	51.67	51.04	50.87	50.83	50.48	
17	50.72	54.88	51.16	51.28	52.20	56.59	53.81	51.33	51.07	50.93	50.80	50.48	
18	50.71	54.53	51.23	51.27	52.48	55.84	53.86	51.87	51.05	51.06	50.80	50.54	
19	50.72	54.44	51.21	51.29	52.66	54.74	54.17	51.64	51.04	51.05	50.82	50.52	
20	50.77	54.15	51.19	51.27	52.76	54.88	54.26	51.64	51.06	51.04	50.83	50.49	
21	50.75	53.69	51.24	51.27	54.93	55.86	53.73	51.64	51.07	51.01	50.81	50.49	
22	50.74	53.30	51.26	51.25	54.29	56.93	53.19	51.54	51.05	50.95	50.80	50.51	
23	50.75	53.03	51.53	51.26	53.17	55.90	52.64	51.67	51.04	50.89	50.80	50.50	
24	50.75	52.63	51.71	51.37	53.40	54.58	52.71	51.61	51.03	50.87	50.77	50.54	
25	50.80	52.30	51.50	53.54	55.00	53.56	52.49	51.36	51.05	50.88	50.71	50.54	
26	50.88	52.15	51.41	53.04	55.92	53.16	52.41	51.50	51.02	50.86	50.66	50.54	
27	50.85	51.78	51.54	52.50	55.92	52.69	52.48	51.32	50.92	50.74	50.57	50.53	
28	50.83	51.52	51.96	52.43	55.59	53.52	52.43	51.36	50.85	50.60	50.52	50.62	
29	50.84	51.53	52.98	52.40	54.81	53.81	52.41	51.37	50.82	50.57	50.43	50.77	
30	50.88	51.45	53.18	52.26	54.59	55.15	52.36	51.43	50.81	50.57	50.57	50.76	
31		51.49		51.81	55.15		52.21		50.81	50.46		50.73	
Mean	50.78	52.76	51.58	51.97	53.43	54.79	53.89	51.79	51.10	50.91	50.64	50.54	
Max	50.88	57.78	53.18	54.24	55.92	56.93	56.32	52.36	51.38	51.19	50.85	50.77	57.78
Min	50.71	50.88	51.15	51.24	51.66	52.69	52.21	51.32	50.81	50.46	50.43	50.38	50.38
Annual Max Momentary Gage Height	57.96		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation		51.00	m. (MSL.) ,			River Bed	48.00	m. (MSL.)					
Left Bank Elevation		65.22	m. (MSL.) ,										
Right Bank Elevation		65.16	m. (MSL.) ,			Drainage Are	13,331	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.50	7.25	34.50	219.60	37.00	389.20	439.80	55.20	24.20	5.75	0.00	0.00	
2	5.75	7.25	33.10	174.20	84.50	375.60	355.90	60.60	23.40	6.00	0.00	0.00	
3	5.25	7.00	29.50	94.25	115.25	318.10	225.00	55.20	23.80	6.50	0.00	0.00	
4	4.75	7.25	29.95	70.80	92.95	312.85	158.00	52.00	23.80	6.00	0.00	0.00	
5	4.50	9.00	43.50	58.80	125.00	322.30	139.25	50.00	18.20	13.50	0.00	0.00	
6	4.50	24.60	43.00	52.00	113.00	406.45	156.50	75.60	19.00	16.65	0.00	0.00	
7	4.75	37.50	35.00	47.50	76.20	321.25	222.30	66.60	19.00	16.30	0.00	0.00	
8	5.00	49.50	34.00	54.00	63.60	321.25	297.10	64.20	12.45	14.20	0.00	0.00	
9	4.00	125.00	27.25	42.50	84.50	222.30	338.05	63.60	14.90	12.80	0.00	0.00	
10	4.25	151.25	29.95	44.50	128.75	184.40	344.35	50.00	22.60	12.45	0.00	0.00	
11	4.25	111.50	38.00	40.00	147.50	161.00	287.65	57.60	17.00	11.40	0.00	0.00	
12	4.25	87.10	20.60	31.75	149.75	140.75	321.25	43.00	15.95	10.70	0.00	3.00	
13	3.75	164.85	19.00	27.70	125.75	137.75	325.45	48.00	11.75	8.75	1.25	2.75	
14	3.25	207.90	15.25	23.00	107.75	144.50	247.00	57.00	11.05	8.00	1.00	0.50	
15	3.00	609.60	26.35	19.80	84.50	258.00	233.10	53.50	10.70	7.25	6.25	0.00	
16	3.00	374.50	29.95	18.60	68.40	451.30	218.70	37.50	11.40	6.75	5.75	0.00	
17	3.00	282.40	15.60	20.20	66.00	470.85	181.85	22.20	12.45	8.25	5.00	0.00	
18	2.75	247.00	18.20	19.80	83.20	384.60	186.10	47.50	11.75	12.10	5.00	0.00	
19	3.00	238.00	17.40	20.60	94.90	268.00	213.30	36.00	11.40	11.75	5.50	0.00	
20	4.25	211.50	16.65	19.80	101.40	282.40	221.40	36.00	12.10	11.40	5.75	0.00	
21	3.75	171.65	18.60	19.80	287.65	386.90	175.05	36.00	12.45	10.35	5.25	0.00	
22	3.50	141.50	19.40	19.00	224.10	509.95	133.25	31.30	11.75	8.75	5.00	0.00	
23	3.75	121.25	30.85	19.40	131.75	391.50	93.60	37.50	11.40	7.25	5.00	0.00	
24	3.75	92.95	39.50	23.80	149.00	252.00	98.15	34.50	11.05	6.75	4.25	0.00	
25	5.00	72.00	29.50	159.50	295.00	161.00	83.85	23.40	11.75	7.00	2.75	0.00	
26	7.00	63.00	25.45	122.00	393.80	131.00	78.65	29.50	10.70	6.50	1.50	0.00	
27	6.25	43.00	31.30	84.50	393.80	96.85	83.20	21.80	8.00	3.50	0.00	0.00	
28	5.75	30.40	52.00	79.95	356.95	158.00	79.95	23.40	6.25	0.00	0.00	0.50	
29	6.00	30.85	117.50	78.00	275.05	181.85	78.65	23.80	5.50	0.00	0.00	4.25	
30	7.00	27.25	132.50	69.60	253.00	310.75	75.60	26.35	5.25	0.00	0.00	4.00	
31		29.05		44.50	310.75		66.60		5.25	0.00		3.25	
Total	134.50	3782.85	1053.35	1819.45	5020.75	8452.65	6158.60	1318.85	426.25	256.60	59.25	18.25	28501.35 CMSDAY
Mean	4.48	122.03	35.11	58.69	161.96	281.76	198.66	43.96	13.75	8.28	2.04	0.59	77.87 CMS
Max	7.00	609.60	132.50	219.60	393.80	509.95	439.80	75.60	24.20	16.65	6.25	4.25	609.60 CMS
Min	2.75	7.00	15.25	18.60	37.00	96.85	66.60	21.80	5.25	0.00	0.00	0.00	0.00 CMS
Runoff	11.62	326.84	91.01	157.20	433.79	730.31	532.10	113.95	36.83	22.17	5.12	1.58	2462.52 MCM
Momentary Peak		632.00 CMS.		at 57.96 m. (MSL.)		at 09.00 Hours		on May 15, 2007					
Runoff Yield		5.86		Liters/Second/Square KM.		Momentary Peak Yield	47.41		Liters/Second/Square KM.				

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Nai Mueang, Sukhothai (Y.4)

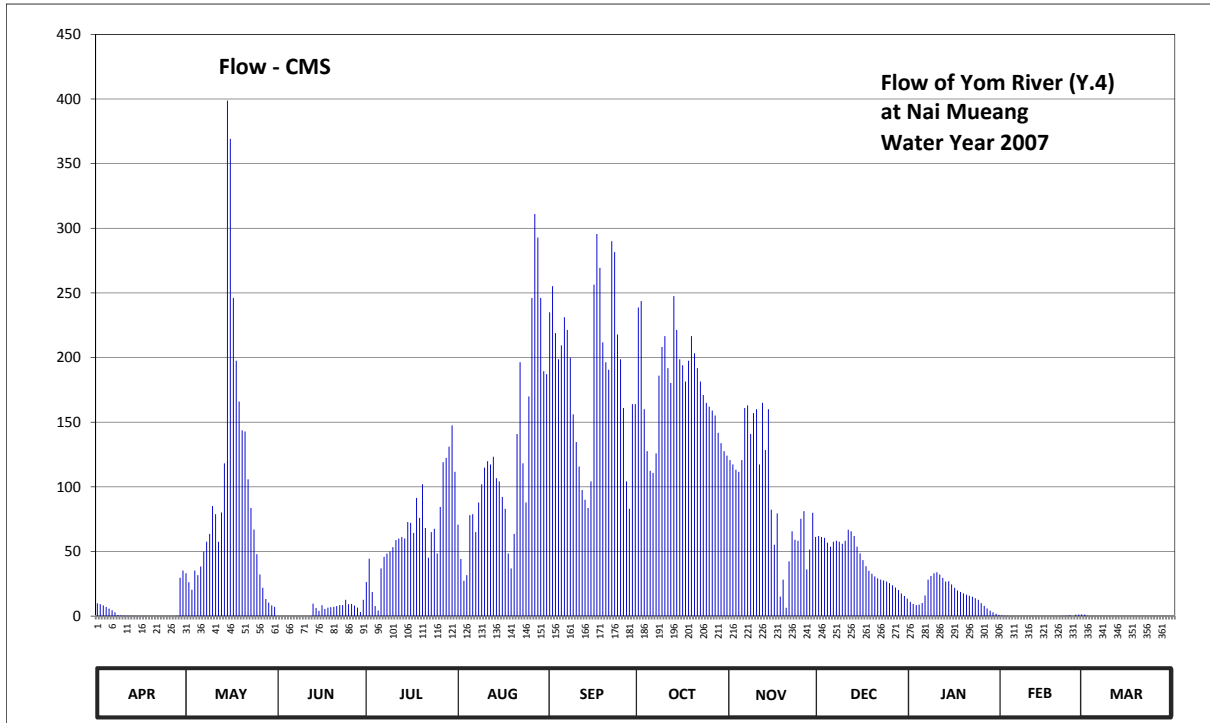
Lat 17 - 00 - 18 N Long 99 - 49 - 31 E

Location : on left bank at the bridge on road.

	Ban Nai Mueang	Amphoe Mueang	Changwat Sukhothai
Drainage Area	17,731 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+43.440 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+50.637 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 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 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	44.94	45.66	44.78	46.71	45.02	48.08	48.11	46.99	47.40	46.10	45.22	45.32	
2	44.91	45.49	44.74	47.15	45.03	48.24	48.15	46.95	47.39	46.02	45.15	45.07	
3	44.86	45.31	44.68	46.45	46.21	47.95	47.42	46.90	47.38	45.97	45.06	44.97	
4	44.80	45.70	44.59	45.92	46.14	47.78	47.07	46.88	47.33	45.99	44.98	44.94	
5	44.73	45.63	44.59	45.65	45.94	47.87	46.89	46.99	47.29	46.06	44.92	44.89	
6	44.66	45.76	44.85	45.50	46.44	48.05	46.87	47.43	47.34	46.34	44.87	44.82	
7	44.56	45.98	44.82	45.29	46.23	47.97	47.05	47.45	47.35	46.77	44.80	44.73	
8	44.38	46.11	44.78	45.07	46.57	47.79	47.67	47.22	47.34	46.85	44.70	44.67	
9	44.30	46.21	44.72	45.09	46.76	47.38	47.86	47.39	47.32	46.91	44.62	44.48	
10	44.27	46.53	44.73	44.92	46.92	47.15	47.93	47.42	47.35	46.93	44.53	44.36	
11	44.25	46.44	44.78	44.93	46.98	46.93	47.72	46.95	47.44	46.88	44.42	44.31	
12	44.24	46.11	45.04	44.91	46.95	46.70	47.62	47.47	47.43	46.81	44.35	44.25	
13	44.23	46.46	46.03	45.53	47.02	46.60	48.18	47.08	47.40	46.72	44.42	44.20	
14	44.23	46.96	45.82	45.66	46.82	46.51	47.97	47.42	47.29	46.73	44.51	44.15	
15	44.23	49.23	45.62	45.62	46.79	46.79	47.78	46.49	47.22	46.65	44.61	44.11	
16	44.22	49.04	45.96	45.59	46.63	48.25	47.74	46.07	47.13	46.56	44.68	44.06	
17	44.22	48.17	45.76	45.61	46.50	48.54	47.63	46.45	47.04	46.49	44.72	44.02	
18	44.21	47.77	45.84	45.77	45.95	48.35	47.77	46.30	46.96	46.45	44.74	43.98	
19	44.21	47.48	45.86	45.86	45.73	47.89	47.93	46.77	46.90	46.41	44.80	43.93	
20	44.20	47.25	45.88	45.93	46.21	47.76	47.82	45.83	46.84	46.37	44.89	43.87	
21	44.19	47.24	45.92	45.98	47.22	47.71	47.72	47.11	46.80	46.33	44.99	43.82	
22	44.18	46.81	45.97	46.04	47.76	48.50	47.63	47.43	46.77	46.29	45.09	43.74	
23	44.17	46.51	45.97	46.07	46.96	48.44	47.53	47.36	46.75	46.24	45.18	43.68	
24	44.16	46.26	46.18	45.88	46.57	47.94	47.47	47.35	46.72	46.18	45.25	43.63	
25	44.15	45.94	46.01	46.00	47.52	47.78	47.44	47.51	46.68	46.05	44.89	43.58	
26	44.14	45.64	46.02	45.94	48.17	47.43	47.41	47.56	46.63	45.93	45.31	43.53	
27	44.14	45.36	45.94	46.24	48.65	46.79	47.37	46.99	46.57	45.79	45.33	43.50	
28	44.25	45.07	45.84	45.97	48.52	46.50	47.23	47.26	46.50	45.64	45.34	43.48	
29	45.59	44.96	45.54	45.90	48.17	47.46	47.14	47.55	46.41	45.51	45.35	43.45	
30	45.70	44.86	46.18	45.70	47.70	47.46	47.07	47.39	46.32	45.40	45.40	43.41	
31		44.81		45.34	47.68		47.03		46.22	45.29		43.36	
Mean	44.44	46.35	45.45	45.75	46.83	47.62	47.56	47.07	47.02	46.28	44.89	44.14	
Max	45.70	49.23	46.18	47.15	48.65	48.54	48.18	47.56	47.44	46.93	45.35	45.32	49.23
Min	44.14	44.81	44.59	44.91	45.02	46.50	46.87	45.83	46.22	45.29	44.35	43.36	43.36
Annual Max Momentary Gage Height	49.66		m. (MSL.) ,			at 18.00 Hours ,							
Zero Gage at Bottom Elevation	43.44		m. (MSL.) ,			River Bed	40.05	m. (MSL.)					
Left Bank Elevation		50.53		m. (MSL.) ,									
Right Bank Elevation		50.45		m. (MSL.) ,		Drainage Are	17,731	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	9.94	33.22	0.00	26.41	70.80	235.00	238.75	120.68	62.00	11.00	0.50	1.22		
2	9.31	26.25	0.00	44.38	44.17	255.20	243.75	117.38	61.25	9.40	0.29	0.19		
3	8.26	20.36	0.00	18.69	27.30	219.00	160.00	113.25	60.50	8.55	0.18	0.09		
4	7.00	35.30	0.00	7.80	31.66	198.70	127.63	111.60	56.75	8.85	0.09	0.07		
5	5.78	31.66	0.00	4.35	78.10	209.40	112.43	120.68	53.75	10.20	0.06	0.05		
6	4.55	38.42	0.03	36.86	78.80	231.25	110.78	161.00	57.50	15.98	0.04	0.01		
7	3.00	49.95	0.01	45.75	64.95	221.40	125.88	163.00	58.25	28.27	0.00	0.00		
8	0.90	57.60	0.00	48.38	87.90	199.85	186.05	140.90	57.50	31.03	0.00	0.00		
9	0.50	63.65	0.00	49.95	102.00	156.10	208.20	157.05	56.00	33.22	0.00	0.00		
10	0.35	85.10	0.00	53.40	114.90	134.63	216.60	160.00	58.25	33.95	0.00	0.00		
11	0.25	78.80	0.00	58.80	119.85	115.73	191.80	117.38	66.80	32.12	0.00	0.00		
12	0.20	57.60	0.15	60.00	117.38	97.50	180.30	165.00	65.60	29.57	0.00	0.00		
13	0.15	80.20	9.60	61.20	123.25	90.00	247.50	128.50	62.00	26.72	0.00	0.00		
14	0.15	118.20	6.30	60.00	106.65	83.70	221.40	160.00	53.75	27.03	0.00	0.00		
15	0.15	398.80	4.02	72.75	104.25	104.25	198.70	82.30	48.50	24.55	0.00	0.00		
16	0.10	369.20	8.40	72.10	92.25	256.50	194.10	55.20	43.33	21.85	0.00	0.00		
17	0.10	246.25	5.56	64.30	83.00	295.60	181.45	79.50	38.60	19.84	0.00	0.00		
18	0.05	197.55	6.60	91.50	48.38	269.50	197.55	15.13	35.04	18.69	0.00	0.00		
19	0.05	166.00	6.90	76.00	36.86	211.80	216.60	28.27	32.85	17.54	0.00	0.00		
20	0.00	143.75	7.20	102.00	63.65	196.40	203.40	6.45	30.66	16.61	0.05	0.00		
21	0.00	142.80	7.80	68.20	140.90	190.65	191.80	42.28	29.20	15.76	0.10	0.00		
22	0.00	105.83	8.55	45.22	196.40	290.00	181.45	65.60	28.27	14.91	0.21	0.00		
23	0.00	83.70	8.55	64.95	118.20	281.60	171.00	59.00	27.65	13.85	0.33	0.00		
24	0.00	66.90	12.60	67.55	87.90	217.80	165.00	58.25	26.72	12.60	0.71	0.00		
25	0.00	47.85	9.20	48.38	170.00	198.70	162.00	75.20	25.48	10.00	0.05	0.00		
26	0.00	32.18	9.40	84.40	246.25	161.00	159.00	81.20	23.93	7.95	1.15	0.00		
27	0.00	21.88	8.10	119.03	311.00	104.25	155.15	36.14	22.14	5.89	1.29	0.00		
28	0.25	13.23	6.60	122.37	292.80	83.00	141.85	51.50	20.13	4.24	1.37	0.00		
29	29.75	10.36	3.20	131.13	246.25	164.00	133.75	80.00	17.54	2.90	1.44	0.00		
30	35.30	8.26	12.60	147.55	189.50	164.00	127.63	61.25	15.55	1.80		0.00		
31		7.21		111.60	187.20		124.13		13.43	1.00		0.00		
Total	116.09	2838.06	141.37	2065.00	3782.50	5636.51	5475.63	2813.69	1308.92	515.87	7.86	1.63	24703.13	CMSDAY
Mean	3.87	91.55	4.71	66.61	122.02	187.88	176.63	93.79	42.22	16.64	0.27	0.05	67.49	CMS
Max	35.30	398.80	12.60	147.55	311.00	295.60	247.50	165.00	66.80	33.95	1.44	1.22	398.80	CMS
Min	0.00	7.21	0.00	4.35	27.30	83.00	110.78	6.45	13.43	1.00	0.00	0.00	0.00	CMS
Runoff	10.03	245.21	12.21	178.42	326.81	486.99	473.09	243.10	113.09	44.57	0.68	0.14	2134.35	MCM
Momentary Peak	472.80 CMS. at 49.66 m. (MSL.) at 18.00 Hours , on May 15, 2007													
Runoff Yield	3.82 Liters/Second/Square KM.			Momentary Peak Yield			26.67 Liters/Second/Square KM.							

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Kaeng Luang , Sukhothai (Y.6)

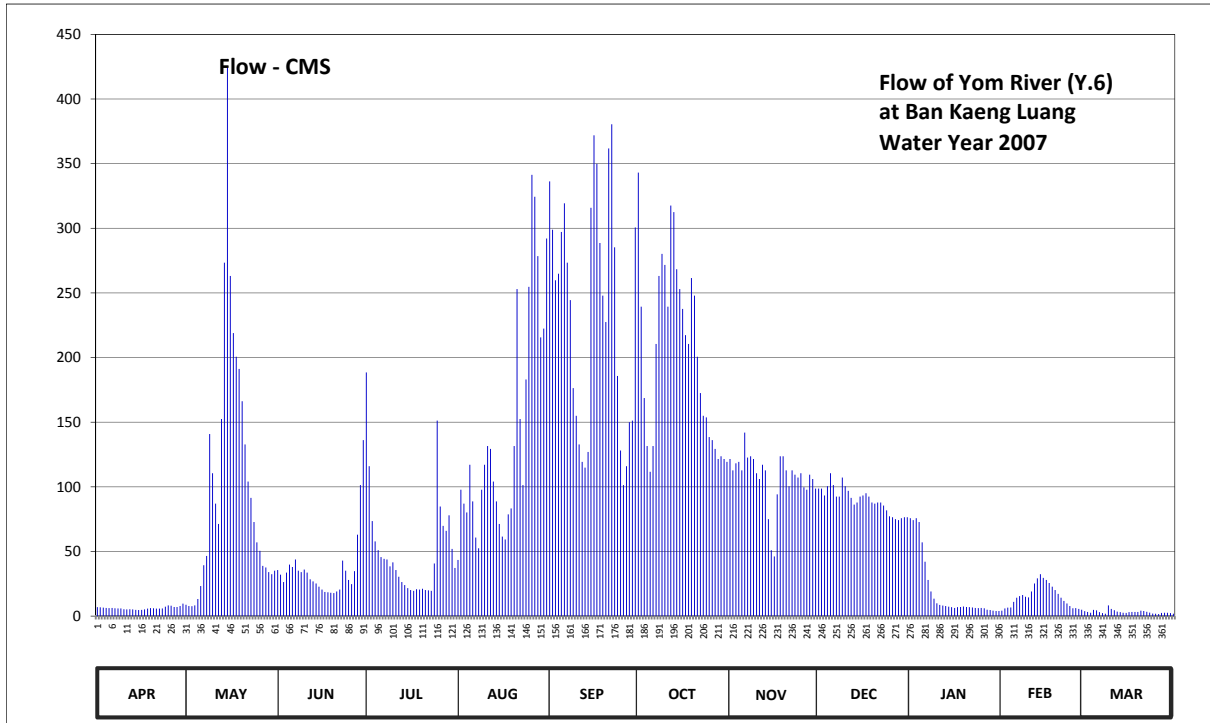
Lat 17 - 26 - 05 N Long 99 - 47 - 30 E

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 good. Stage-discharge relation defined by 25 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	59.33	59.45	60.34	62.10	60.52	62.99	63.03	61.55	61.33	61.05	59.15	59.12	
2	59.32	59.39	60.25	61.50	61.32	62.77	62.42	61.47	61.33	61.03	59.26	59.08	
3	59.30	59.38	60.11	61.02	61.20	62.54	61.95	61.52	61.27	61.05	59.30	59.04	
4	59.29	59.42	60.29	60.81	61.11	62.57	61.64	61.53	61.35	61.01	59.31	59.19	
5	59.28	59.69	60.44	60.68	61.51	62.76	61.46	61.47	61.45	60.80	59.60	59.16	
6	59.29	60.03	60.40	60.57	61.22	62.89	61.64	61.73	61.36	60.49	59.73	59.07	
7	59.27	60.43	60.53	60.54	60.85	62.62	62.25	61.56	61.26	60.15	59.78	59.02	
8	59.26	60.59	60.33	60.53	60.71	62.45	62.56	61.57	61.26	59.90	59.81	58.98	
9	59.26	61.72	60.30	60.41	61.32	62.01	62.66	61.55	61.42	59.70	59.76	59.42	
10	59.22	61.45	60.35	60.48	61.51	61.84	62.61	61.45	61.35	59.53	59.74	59.24	
11	59.21	61.20	60.29	60.34	61.64	61.65	62.42	61.41	61.31	59.44	59.90	59.17	
12	59.22	60.99	60.16	60.21	61.62	61.53	62.88	61.51	61.25	59.41	60.08	59.10	
13	59.21	61.82	60.12	60.11	61.39	61.49	62.85	61.47	61.19	59.39	60.18	59.07	
14	59.19	62.62	60.08	60.05	61.22	61.60	62.59	61.04	61.21	59.35	60.26	59.04	
15	59.18	63.51	60.02	59.99	60.99	62.87	62.50	60.68	61.26	59.33	60.19	59.03	
16	59.19	62.56	59.95	59.94	60.86	63.20	62.41	60.58	61.27	59.29	60.15	59.07	
17	59.21	62.30	59.89	59.92	60.83	63.07	62.29	61.28	61.29	59.33	60.09	59.08	
18	59.25	62.19	59.88	59.96	61.09	62.71	62.25	61.57	61.26	59.34	60.02	59.08	
19	59.28	62.12	59.87	59.95	61.15	62.47	62.55	61.57	61.21	59.36	59.94	59.08	
20	59.27	61.93	59.86	59.97	61.64	62.35	62.47	61.47	61.20	59.34	59.84	59.15	
21	59.25	61.65	59.90	59.94	62.50	63.14	62.19	61.35	61.21	59.33	59.73	59.13	
22	59.25	61.39	59.95	59.93	61.82	63.25	61.98	61.47	61.21	59.31	59.63	59.09	
23	59.26	61.25	60.51	59.92	61.36	62.69	61.84	61.44	61.18	59.29	59.52	59.05	
24	59.35	61.01	60.33	60.46	62.06	62.08	61.83	61.42	61.13	59.28	59.39	59.00	
25	59.42	60.80	60.15	61.81	62.51	61.61	61.70	61.45	61.07	59.29	59.27	58.98	
26	59.40	60.67	60.07	61.17	63.02	61.36	61.68	61.34	61.06	59.27	59.28	58.96	
27	59.34	60.42	60.32	60.97	62.92	61.50	61.62	61.32	61.04	59.20	59.24	59.03	
28	59.34	60.39	60.88	60.92	62.65	61.80	61.55	61.44	61.03	59.18	59.20	59.04	
29	59.39	60.30	61.36	61.08	62.28	61.81	61.57	61.41	61.05	59.15	59.16	59.04	
30	59.51	60.26	61.68	60.70	62.32	62.78	61.55	61.33	61.06	59.13	59.13	59.02	
31		60.33		60.38	62.73		61.53		61.06	59.13		58.99	
Mean	59.28	61.01	60.29	60.53	61.61	62.35	62.14	61.40	61.22	59.67	59.67	59.08	
Max	59.51	63.51	61.68	62.10	63.02	63.25	63.03	61.73	61.45	61.05	60.26	59.42	63.51
Min	59.18	59.38	59.86	59.92	60.52	61.36	61.46	60.58	61.03	59.13	59.15	58.96	58.96
Annual Max Momentary Gage Height	64.14		m. (MSL.) ,				at 24.00 Hours ,						
Zero Gage at Bottom Elevation	59.00		m. (MSL.) ,			River Bed	57.57	m. (MSL.)					
Left Bank Elevation	68.80		m. (MSL.) ,										
Right Bank Elevation	68.73		m. (MSL.) ,			Drainage Are	12,769	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.95	8.75	35.60	188.50	43.40	336.30	343.10	121.50	98.70	75.75	4.25	3.80		
2	6.80	7.85	32.00	116.00	97.80	298.90	239.40	112.70	98.70	74.25	5.90	3.20		
3	6.50	7.70	26.40	73.50	87.00	259.80	168.75	118.20	93.30	75.75	6.50	2.60		
4	6.35	8.30	33.60	57.75	80.25	264.90	131.60	119.30	100.50	72.75	6.65	4.85		
5	6.20	13.25	39.80	51.00	117.10	297.20	111.60	112.70	110.50	57.00	11.00	4.40		
6	6.35	23.20	38.00	45.65	88.80	319.30	131.60	141.95	101.40	42.05	14.25	3.05		
7	6.05	39.35	43.85	44.30	60.75	273.40	210.50	122.60	92.40	28.00	15.50	2.30		
8	5.90	46.55	35.20	43.85	52.50	244.50	263.20	123.70	92.40	19.00	16.30	1.80		
9	5.90	140.80	34.00	38.45	97.80	176.35	280.20	121.50	107.20	13.50	15.00	8.30		
10	5.30	110.50	36.00	41.60	117.10	155.00	271.70	110.50	100.50	9.95	14.50	5.60		
11	5.15	87.00	33.60	35.60	131.60	132.75	239.40	106.10	96.90	8.60	19.00	4.55		
12	5.30	71.25	28.40	30.40	129.30	119.30	317.60	117.10	91.50	8.15	25.20	3.50		
13	5.15	152.50	26.80	26.40	104.10	114.90	312.50	112.70	86.25	7.85	29.20	3.05		
14	4.85	273.40	25.20	24.00	88.80	127.00	268.30	75.00	87.90	7.25	32.40	2.60		
15	4.70	424.70	22.80	21.70	71.25	315.90	253.00	51.00	92.40	6.95	29.60	2.45		
16	4.85	263.20	20.50	20.20	61.50	372.00	237.70	46.10	93.30	6.35	28.00	3.05		
17	5.15	219.00	18.70	19.60	59.25	349.90	217.30	94.20	95.10	6.95	25.60	3.20		
18	5.75	200.65	18.40	20.80	78.75	288.70	210.50	123.70	92.40	7.10	22.80	3.20		
19	6.20	191.20	18.10	20.50	83.25	247.90	261.50	123.70	87.90	7.40	20.20	3.20		
20	6.05	166.25	17.80	21.10	131.60	227.50	247.90	112.70	87.00	7.10	17.20	4.25		
21	5.75	132.75	19.00	20.20	253.00	361.80	200.65	100.50	87.90	6.95	14.25	3.95		
22	5.75	104.10	20.50	19.90	152.50	380.50	172.50	112.70	87.90	6.65	11.75	3.35		
23	5.90	91.50	42.95	19.60	101.40	285.30	155.00	109.40	85.50	6.35	9.80	2.75		
24	7.25	72.75	35.20	40.70	183.10	185.80	153.75	107.20	81.75	6.20	7.85	2.00		
25	8.30	57.00	28.00	151.25	254.70	128.15	138.50	110.50	77.25	6.35	6.05	1.80		
26	8.00	50.50	24.80	84.75	341.40	101.40	136.20	99.60	76.50	6.05	6.20	1.60		
27	7.10	38.90	34.80	69.75	324.40	116.00	129.30	97.80	75.00	5.00	5.60	2.45		
28	7.10	37.60	63.00	66.00	278.50	150.00	121.50	109.40	74.25	4.70	5.00	2.60		
29	7.85	34.00	101.40	78.00	215.60	151.25	123.70	106.10	75.75	4.25	4.40	2.60		
30	9.65	32.40	136.20	52.00	222.40	300.60	121.50	98.70	76.50	3.95		2.30		
31		35.20		37.20	292.10		119.30		76.50	3.95		1.90		
Total	188.10	3142.10	1090.60	1580.25	4401.00	7082.30	6289.25	3218.85	2781.05	602.10	429.95	100.25	30905.80	CMSDAY
Mean	6.27	101.36	36.35	50.98	141.97	236.08	202.88	107.29	89.71	19.42	14.83	3.23	84.44	CMS
Max	9.65	424.70	136.20	188.50	341.40	380.50	343.10	141.95	110.50	75.75	32.40	8.30	424.70	CMS
Min	4.70	7.70	17.80	19.60	43.40	101.40	111.60	46.10	74.25	3.95	4.25	1.60	1.60	CMS
Runoff	16.25	271.48	94.23	136.53	380.25	611.91	543.39	278.11	240.28	52.02	37.15	8.66	2670.26	MCM
Momentary Peak		565.00	CMS. at 64.14 m. (MSL.) at 24.00 Hours , on May 14, 2007											
Runoff Yield		6.63	Liters/Second/Square KM.			Momentary Peak Yield		44.25	Liters/Second/Square KM.					

WATER YEAR : 2007

YOM RIVER BASIN

Nam Ngao at Ban Luang Nua , Lampang (Y.13A)

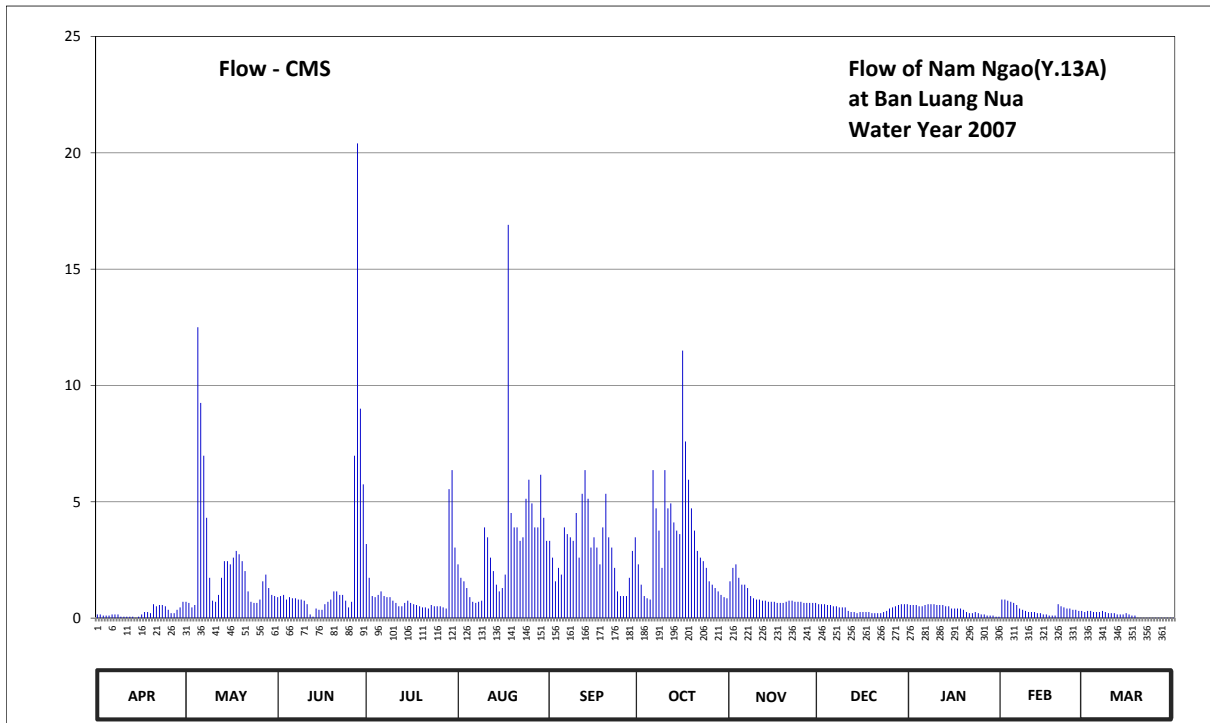
Lat 18 - 45 - 32 N Long 99 - 58 - 33 E

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 fair. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	268.43	268.54	268.58	268.75	268.69	268.76	268.69	268.64	268.52	268.51	268.56	268.45	
2	268.43	268.53	268.59	268.65	268.65	268.71	268.63	268.68	268.52	268.51	268.56	268.46	
3	268.42	268.49	268.60	268.59	268.64	268.64	268.59	268.69	268.52	268.51	268.55	268.46	
4	268.42	268.51	268.56	268.58	268.62	268.68	268.57	268.65	268.51	268.50	268.54	268.45	
5	268.42	269.18	268.58	268.60	268.58	268.66	268.56	268.63	268.51	268.50	268.53	268.45	
6	268.43	269.05	268.57	268.61	268.54	268.80	268.92	268.63	268.50	268.51	268.51	268.45	
7	268.43	268.95	268.57	268.59	268.53	268.78	268.84	268.62	268.50	268.52	268.48	268.46	
8	268.43	268.82	268.56	268.58	268.54	268.77	268.79	268.59	268.49	268.52	268.47	268.45	
9	268.41	268.65	268.56	268.58	268.55	268.76	268.68	268.57	268.49	268.52	268.46	268.44	
10	268.41	268.55	268.55	268.55	268.80	268.83	268.92	268.56	268.49	268.51	268.45	268.44	
11	268.41	268.54	268.52	268.53	268.77	268.71	268.84	268.56	268.46	268.51	268.45	268.44	
12	268.41	268.60	268.43	268.50	268.71	268.87	268.85	268.55	268.45	268.51	268.45	268.43	
13	268.41	268.65	268.41	268.50	268.67	268.92	268.81	268.55	268.45	268.50	268.44	268.43	
14	268.40	268.70	268.48	268.53	268.63	268.86	268.79	268.54	268.44	268.50	268.44	268.43	
15	268.41	268.70	268.47	268.55	268.61	268.74	268.78	268.54	268.45	268.48	268.43	268.44	
16	268.43	268.69	268.47	268.53	268.62	268.77	269.14	268.54	268.45	268.48	268.43	268.43	
17	268.45	268.71	268.52	268.52	268.66	268.74	268.98	268.53	268.45	268.48	268.42	268.42	
18	268.45	268.73	268.54	268.51	269.33	268.69	268.90	268.53	268.45	268.48	268.42	268.42	
19	268.44	268.72	268.56	268.50	268.83	268.80	268.84	268.53	268.44	268.47	268.42	268.40	
20	268.52	268.70	268.61	268.49	268.80	268.87	268.79	268.54	268.44	268.45	268.52	268.40	
21	268.50	268.67	268.61	268.49	268.80	268.77	268.73	268.55	268.44	268.44	268.50	268.40	
22	268.51	268.61	268.60	268.48	268.76	268.74	268.71	268.55	268.44	268.44	268.49	268.39	
23	268.51	268.54	268.60	268.51	268.77	268.68	268.70	268.54	268.45	268.45	268.48	268.39	
24	268.50	268.53	268.55	268.50	268.86	268.61	268.68	268.54	268.46	268.44	268.48	268.38	
25	268.47	268.53	268.49	268.50	268.90	268.59	268.64	268.54	268.48	268.43	268.47	268.39	
26	268.44	268.56	268.54	268.50	268.85	268.59	268.63	268.53	268.49	268.43	268.47	268.39	
27	268.44	268.64	268.95	268.49	268.80	268.59	268.62	268.53	268.50	268.42	268.46	268.39	
28	268.47	268.66	269.44	268.48	268.80	268.65	268.61	268.53	268.51	268.42	268.46	268.38	
29	268.49	268.62	269.04	268.88	268.91	268.73	268.60	268.53	268.52	268.42	268.45	268.38	
30	268.54	268.60	268.89	268.92	268.82	268.77	268.58	268.53	268.52	268.41	268.41	268.37	
31		268.59		268.74	268.76		268.57		268.52	268.41		268.37	
Mean	268.45	268.66	268.61	268.57	268.74	268.74	268.74	268.57	268.48	268.47	268.48	268.42	
Max	268.54	269.18	269.44	268.92	269.33	268.92	269.14	268.69	268.52	268.52	268.56	268.46	269.44
Min	268.40	268.49	268.41	268.48	268.53	268.59	268.56	268.53	268.44	268.41	268.42	268.37	268.37
Annual Max Momentary Gage Height	269.60	m. (MSL.) ,		at 06.00 Hours , on Jun 28, 2007									
Zero Gage at Bottom Elevation	268.30	m. (MSL.) ,		River Bed 267.51 m. (MSL.)									
Left Bank Elevation		274.80	m. (MSL.) ,										
Right Bank Elevation		274.81	m. (MSL.) ,		Drainage Are	381	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.16	0.70	0.90	3.18	2.31	3.32	2.31	1.58	0.60	0.56	0.80	0.26	
2	0.16	0.65	0.95	1.73	1.73	2.60	1.44	2.16	0.60	0.56	0.80	0.31	
3	0.11	0.46	1.00	0.95	1.58	1.58	0.95	2.31	0.60	0.56	0.75	0.31	
4	0.11	0.56	0.80	0.90	1.29	2.16	0.85	1.73	0.56	0.51	0.70	0.26	
5	0.11	12.50	0.90	1.00	0.90	1.87	0.80	1.44	0.56	0.51	0.65	0.26	
6	0.16	9.25	0.85	1.15	0.70	3.90	6.36	1.44	0.51	0.56	0.56	0.26	
7	0.16	6.98	0.85	0.95	0.65	3.61	4.72	1.29	0.51	0.60	0.41	0.31	
8	0.16	4.31	0.80	0.90	0.70	3.47	3.76	0.95	0.46	0.60	0.36	0.26	
9	0.06	1.73	0.80	0.90	0.75	3.32	2.16	0.85	0.46	0.60	0.31	0.21	
10	0.06	0.75	0.75	0.75	3.90	4.52	6.36	0.80	0.46	0.56	0.26	0.21	
11	0.06	0.70	0.60	0.65	3.47	2.60	4.72	0.80	0.31	0.56	0.26	0.21	
12	0.06	1.00	0.16	0.51	2.60	5.34	4.93	0.75	0.26	0.56	0.26	0.16	
13	0.06	1.73	0.06	0.51	2.02	6.36	4.11	0.75	0.26	0.51	0.21	0.16	
14	0.01	2.45	0.41	0.65	1.44	5.13	3.76	0.70	0.21	0.51	0.21	0.16	
15	0.06	2.45	0.36	0.75	1.15	3.03	3.61	0.70	0.26	0.41	0.16	0.21	
16	0.16	2.31	0.36	0.65	1.29	3.47	11.50	0.70	0.26	0.41	0.16	0.16	
17	0.26	2.60	0.60	0.60	1.87	3.03	7.59	0.65	0.26	0.41	0.11	0.11	
18	0.26	2.89	0.70	0.56	16.90	2.31	5.95	0.65	0.26	0.41	0.11	0.11	
19	0.21	2.74	0.80	0.51	4.52	3.90	4.72	0.65	0.21	0.36	0.11	0.01	
20	0.60	2.45	1.15	0.46	3.90	5.34	3.76	0.70	0.21	0.26	0.60	0.01	
21	0.51	2.02	1.15	0.46	3.90	3.47	2.89	0.75	0.21	0.21	0.51	0.01	
22	0.56	1.15	1.00	0.41	3.32	3.03	2.60	0.75	0.21	0.21	0.46	0.01	
23	0.56	0.70	1.00	0.56	3.47	2.16	2.45	0.70	0.26	0.26	0.41	0.01	
24	0.51	0.65	0.75	0.51	5.13	1.15	2.16	0.70	0.31	0.21	0.41	0.01	
25	0.36	0.65	0.46	0.51	5.95	0.95	1.58	0.70	0.41	0.16	0.36	0.01	
26	0.21	0.80	0.70	0.51	4.93	0.95	1.44	0.65	0.46	0.16	0.36	0.01	
27	0.21	1.58	6.98	0.46	3.90	0.95	1.29	0.65	0.51	0.11	0.31	0.01	
28	0.36	1.87	20.40	0.41	3.90	1.73	1.15	0.65	0.56	0.11	0.31	0.01	
29	0.46	1.29	9.00	5.54	6.16	2.89	1.00	0.65	0.60	0.11	0.26	0.01	
30	0.70	1.00	5.75	6.36	4.31	3.47	0.90	0.65	0.60	0.06		0.01	
31		0.95		3.03	3.32		0.85		0.60	0.06		0.01	
Total	7.43	71.87	60.99	37.02	101.96	91.61	102.67	28.45	12.55	11.68	11.18	4.06	541.47 CMSDAY
Mean	0.25	2.32	2.03	1.19	3.29	3.05	3.31	0.95	0.40	0.38	0.39	0.13	1.48 CMS
Max	0.70	12.50	20.40	6.36	16.90	6.36	11.50	2.31	0.60	0.60	0.80	0.31	20.40 CMS
Min	0.01	0.46	0.06	0.41	0.65	0.95	0.80	0.65	0.21	0.06	0.11	0.01	0.01 CMS
Runoff	0.64	6.21	5.27	3.20	8.81	7.92	8.87	2.46	1.08	1.01	0.97	0.35	46.78 MCM
Momentary Peak	26.00 CMS. at 269.60 m. (MSL.) at 06.00 Hours , on Jun 28, 2007												
Runoff Yield	3.89 Liters/Second/Square KM.			Momentary Peak Yield 68.24 Liters/Second/Square KM.									

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Don Rabiang , Sukhothai (Y.14)

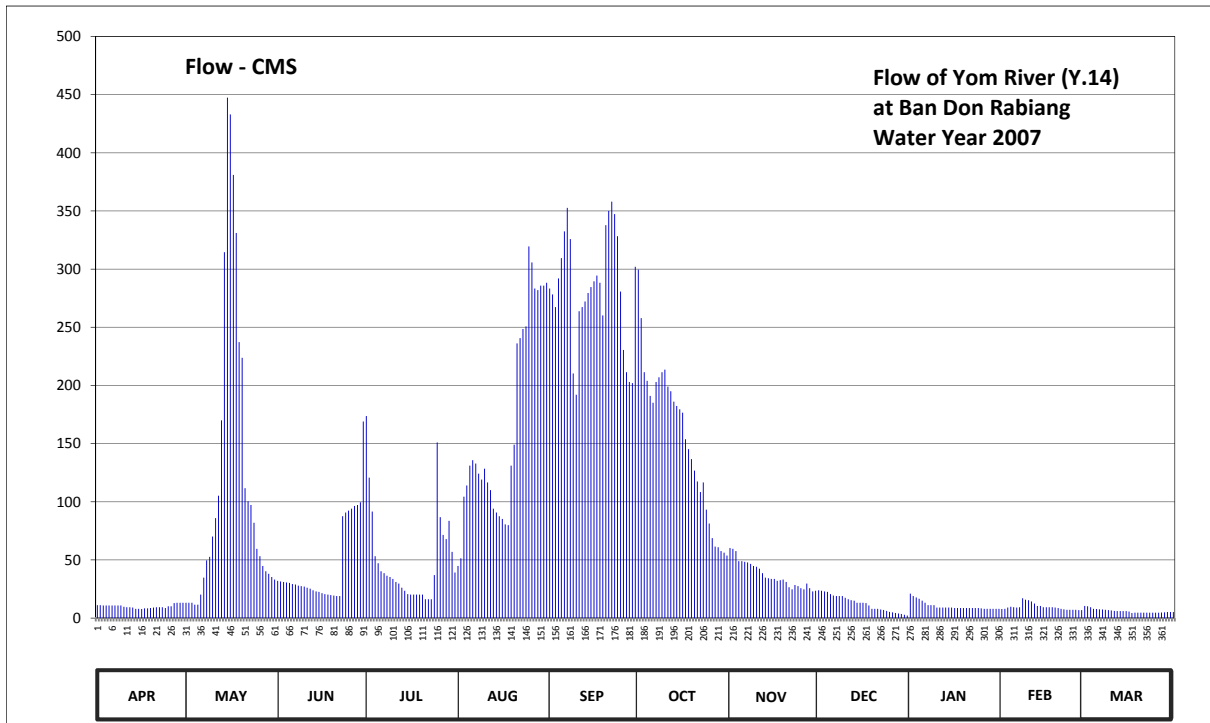
Lat 17 - 35 - 42 N Long 99 - 43 - 06 E

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	Water - stage recorder.		
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	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 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	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 2 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.89	65.95	66.40	68.25	66.63	69.25	69.38	66.88	66.22	66.15	65.79	65.87	
2	65.89	65.95	66.39	67.68	66.74	69.21	69.04	66.87	66.21	66.10	65.80	65.86	
3	65.88	65.95	66.38	67.32	67.48	69.12	68.63	66.84	66.20	66.07	65.83	65.84	
4	65.88	65.90	66.37	66.77	67.60	69.32	68.56	66.70	66.19	66.04	65.85	65.80	
5	65.88	65.90	66.36	66.67	67.80	69.46	68.43	66.70	66.14	66.00	65.84	65.79	
6	65.88	66.13	66.34	66.55	67.85	69.64	68.37	66.69	66.11	65.95	65.83	65.78	
7	65.88	66.45	66.33	66.52	67.82	69.79	68.55	66.68	66.10	65.89	65.84	65.77	
8	65.88	66.71	66.31	66.48	67.72	69.59	68.59	66.66	66.10	65.89	66.05	65.76	
9	65.88	66.76	66.30	66.46	67.66	68.62	68.63	66.63	66.10	65.89	66.02	65.74	
10	65.85	67.03	66.29	66.43	67.77	68.44	68.65	66.62	66.06	65.83	66.01	65.73	
11	65.84	67.25	66.27	66.38	67.63	69.09	68.51	66.59	66.03	65.83	65.98	65.71	
12	65.84	67.49	66.25	66.35	67.55	69.12	68.47	66.52	66.01	65.83	65.93	65.70	
13	65.83	68.21	66.22	66.27	67.35	69.16	68.38	66.45	66.00	65.83	65.87	65.70	
14	65.80	69.50	66.20	66.21	67.31	69.22	68.34	66.44	65.95	65.83	65.87	65.70	
15	65.80	70.44	66.19	66.14	67.27	69.26	68.31	66.43	65.95	65.83	65.84	65.70	
16	65.79	70.35	66.16	66.13	67.24	69.30	68.28	66.43	65.95	65.82	65.84	65.68	
17	65.81	70.00	66.14	66.13	67.18	69.34	68.04	66.40	65.94	65.82	65.84	65.62	
18	65.81	69.63	66.13	66.13	67.17	69.29	67.95	66.41	65.88	65.82	65.84	65.63	
19	65.82	68.86	66.12	66.13	67.80	69.06	67.86	66.42	65.80	65.82	65.83	65.63	
20	65.83	68.74	66.11	66.13	67.99	69.68	67.75	66.38	65.80	65.82	65.82	65.63	
21	65.84	67.57	66.10	66.03	68.85	69.77	67.64	66.28	65.80	65.82	65.80	65.63	
22	65.84	67.43	66.10	66.03	68.89	69.83	67.53	66.24	65.77	65.82	65.78	65.63	
23	65.84	67.39	67.27	66.03	68.96	69.75	67.63	66.32	65.75	65.82	65.76	65.63	
24	65.82	67.20	67.31	66.49	68.98	69.61	67.34	66.30	65.71	65.82	65.76	65.63	
25	65.86	66.87	67.33	68.01	69.54	69.23	67.19	66.26	65.67	65.81	65.76	65.63	
26	65.86	66.77	67.35	67.26	69.43	68.80	67.01	66.24	65.65	65.80	65.76	65.63	
27	65.94	66.63	67.38	67.05	69.25	68.63	66.90	66.35	65.62	65.80	65.74	65.64	
28	65.95	66.55	67.39	67.00	69.24	68.55	66.89	66.26	65.60	65.80	65.74	65.65	
29	65.95	66.51	67.42	67.22	69.27	68.54	66.84	66.20	65.57	65.80	65.71	65.66	
30	65.95	66.46	68.20	66.83	69.27	69.40	66.82	66.21	65.52	65.80	65.80	65.66	
31		66.42		66.53	69.29		66.78		65.46	65.80		65.66	
Mean	65.86	67.39	66.57	66.63	68.08	69.24	67.98	66.48	65.90	65.87	65.84	65.70	
Max	65.95	70.44	68.20	68.25	69.54	69.83	69.38	66.88	66.22	66.15	66.05	65.87	70.44
Min	65.79	65.90	66.10	66.03	66.63	68.44	66.78	66.20	65.46	65.80	65.71	65.62	65.46
Annual Max Momentary Gage Height	70.46		m. (MSL.) ,			at 06.00 Hours ,							
Zero Gage at Bottom Elevation	65.10		m. (MSL.) ,			River Bed	62.51	m. (MSL.)					
Left Bank Elevation	78.17		m. (MSL.) ,										
Right Bank Elevation	76.08		m. (MSL.) ,			Drainage Are	12,100	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	11.15	13.25	32.00	173.75	44.80	283.25	299.50	60.20	23.90	21.00	7.80	10.45		
2	11.15	13.25	31.55	120.80	51.40	278.25	257.80	59.55	23.45	19.00	8.00	10.10		
3	10.80	13.25	31.10	91.60	104.40	267.40	211.38	57.60	23.00	17.80	9.05	9.40		
4	10.80	11.50	30.65	53.20	114.00	292.00	204.00	49.00	22.60	16.60	9.75	8.00		
5	10.80	11.50	30.20	47.20	131.00	309.50	191.00	49.00	20.60	15.00	9.40	7.80		
6	10.80	20.20	29.30	40.25	135.75	332.40	185.15	48.40	19.40	13.25	9.05	7.60		
7	10.80	34.75	28.85	38.60	132.90	352.65	203.00	47.80	19.00	11.15	9.40	7.40		
8	10.80	49.60	27.95	36.40	124.20	325.75	207.00	46.60	19.00	11.15	17.00	7.20		
9	10.80	52.60	27.50	35.30	119.10	210.25	211.38	44.80	19.00	11.15	15.80	6.80		
10	9.75	70.10	27.05	33.65	128.45	192.00	213.63	44.20	17.40	9.05	15.40	6.60		
11	9.40	86.00	26.15	31.10	116.55	263.80	199.00	42.45	16.20	9.05	14.30	6.20		
12	9.40	105.20	25.25	29.75	110.00	267.40	195.00	38.60	15.40	9.05	12.55	6.00		
13	9.05	169.95	23.90	26.15	94.00	272.20	186.10	34.75	15.00	9.05	10.45	6.00		
14	8.00	314.50	23.00	23.45	90.80	279.50	182.30	34.20	13.25	9.05	10.45	6.00		
15	8.00	447.40	22.60	20.60	87.60	284.50	179.45	33.65	13.25	9.05	9.40	6.00		
16	7.80	433.00	21.40	20.20	85.20	289.50	176.60	33.65	13.25	8.70	9.40	5.60		
17	8.35	381.00	20.60	20.20	80.60	294.50	153.80	32.00	12.90	8.70	9.40	4.40		
18	8.35	331.05	20.20	20.20	79.90	288.25	145.25	32.55	10.80	8.70	9.40	4.60		
19	8.70	237.25	19.80	20.20	131.00	260.20	136.70	33.10	8.00	8.70	9.05	4.60		
20	9.05	223.75	19.40	20.20	149.05	337.80	126.75	31.10	8.00	8.70	8.70	4.60		
21	9.40	111.60	19.00	16.20	236.13	349.95	117.40	26.60	8.00	8.70	8.00	4.60		
22	9.40	100.40	19.00	16.20	240.63	358.05	108.40	24.80	7.40	8.70	7.60	4.60		
23	9.40	97.20	87.60	16.20	248.50	347.25	116.55	28.40	7.00	8.70	7.20	4.60		
24	8.70	82.00	90.80	36.95	250.75	328.35	93.20	27.50	6.20	8.70	7.20	4.60		
25	10.10	59.55	92.40	150.95	319.50	280.75	81.30	25.70	5.40	8.35	7.20	4.60		
26	10.10	53.20	94.00	86.80	305.75	230.50	68.70	24.80	5.00	8.00	7.20	4.60		
27	12.90	44.80	96.40	71.50	283.25	211.38	61.50	29.75	4.40	8.00	6.80	4.80		
28	13.25	40.25	97.20	68.00	282.00	203.00	60.85	25.70	4.00	8.00	6.80	5.00		
29	13.25	38.05	99.60	83.60	285.75	202.00	57.60	23.00	3.60	8.00	6.20	5.20		
30	13.25	35.30	169.00	56.95	285.75	302.00	56.30	23.45	2.93	8.00		5.20		
31		33.10		39.15	288.25		53.80		2.13	8.00		5.20		
Total	303.50	3714.55	1383.45	1545.30	5136.96	8494.33	4740.39	1112.90	389.46	325.05	277.95	188.35	27612.19	CMSDAY
Mean	10.12	119.82	46.11	49.85	165.71	283.14	152.92	37.10	12.56	10.49	9.58	6.08	75.44	CMS
Max	13.25	447.40	169.00	173.75	319.50	358.05	299.50	60.20	23.90	21.00	17.00	10.45	447.40	CMS
Min	7.80	11.50	19.00	16.20	44.80	192.00	53.80	23.00	2.13	8.00	6.20	4.40	2.13	CMS
Runoff	26.22	320.94	119.53	133.51	443.83	733.91	409.57	96.15	33.65	28.08	24.01	16.27	2385.69	MCM
Momentary Peak		450.60	CMS. at 70.46 m. (MSL.) at 06.00 Hours , on May 15, 2007											
Runoff Yield		6.25	Liters/Second/Square KM.			37.24	Liters/Second/Square KM.							

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Bang Rakam , Phitsanulok (Y.16)

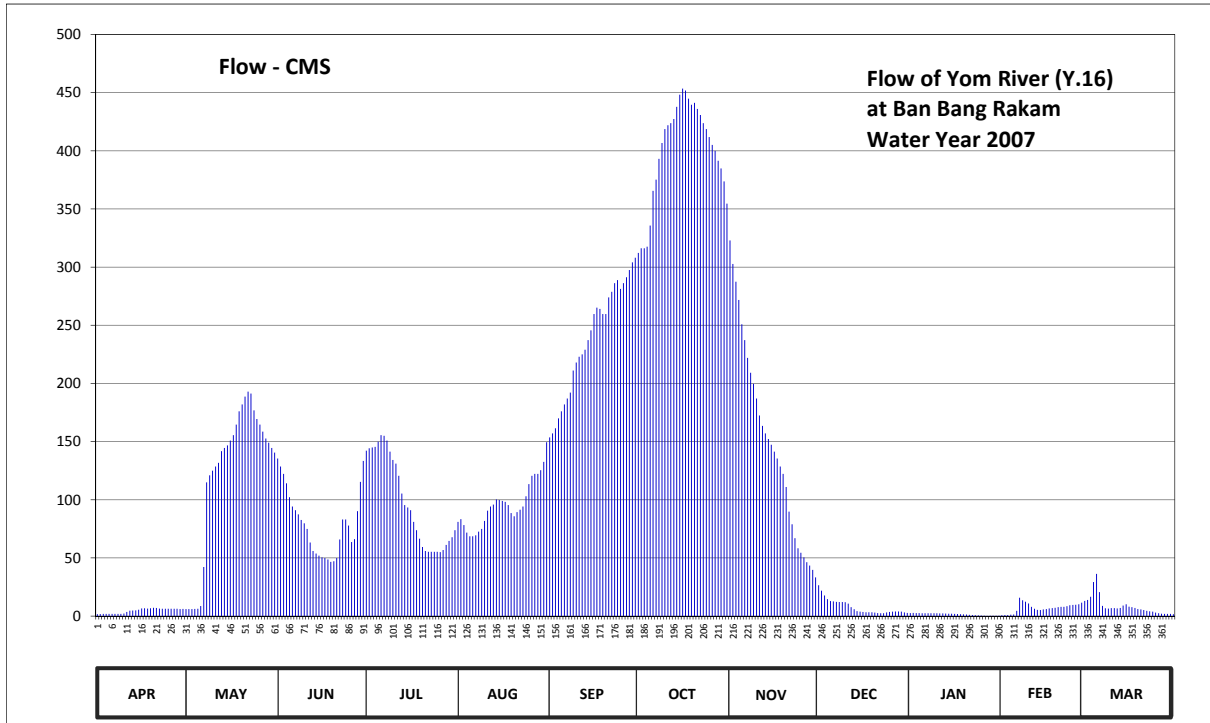
Lat 16 - 45 - 26 N Long 100 - 07 - 15 E

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	Water - stage recorder.					
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	+42.630 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 , 1995 to date					
Rated by Flot	-					
Rated by Current Meter	1967 , 1995 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +37.700 m.(MSL.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 11 discharge measurements made in 2007.					

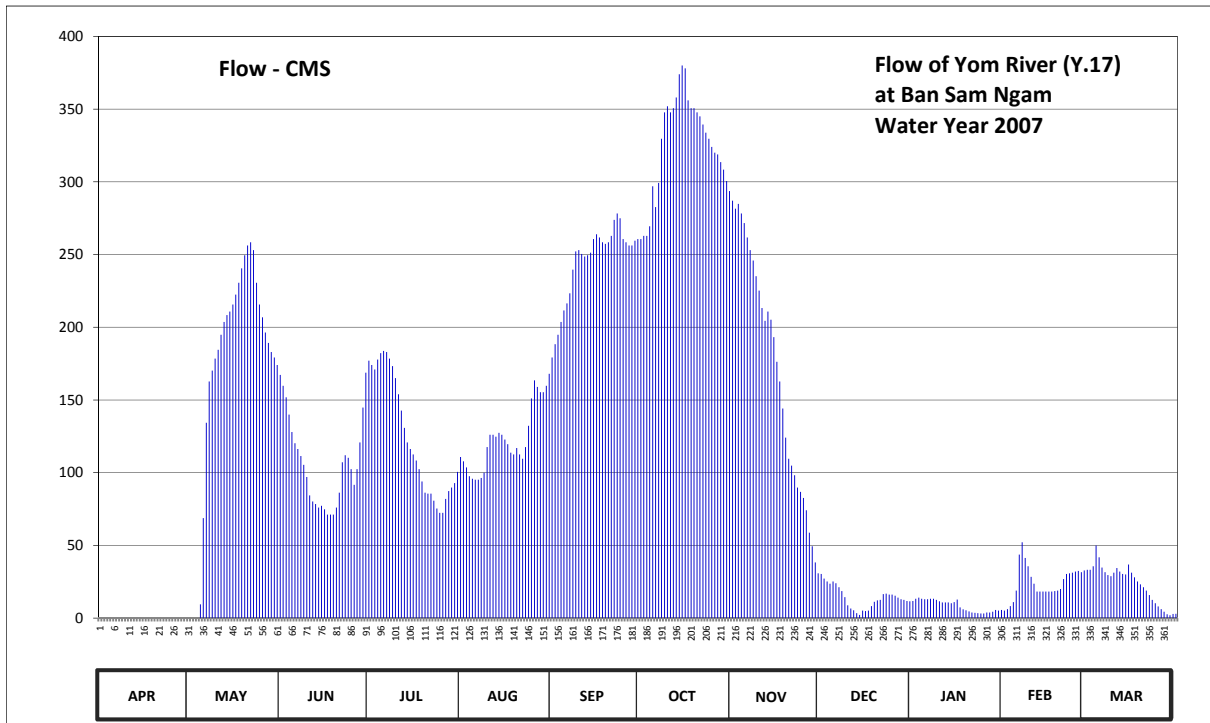
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.13	32.60	36.96	37.13	35.60	37.39	39.09	39.17	33.82	32.26	31.95	33.14	
2	32.16	32.61	36.79	37.18	35.66	37.46	39.12	39.02	33.59	32.27	31.98	33.19	
3	32.17	32.61	36.63	37.20	35.53	37.55	39.12	38.90	33.39	32.26	31.99	33.33	
4	32.17	32.62	36.43	37.21	35.37	37.70	39.13	38.77	33.23	32.26	32.04	33.93	
5	32.17	32.63	36.13	37.31	35.29	37.80	39.26	38.58	33.13	32.25	32.07	34.21	
6	32.17	32.84	35.93	37.43	35.29	37.87	39.46	38.45	33.11	32.25	32.45	33.53	
7	32.17	34.45	35.85	37.42	35.31	37.93	39.52	38.30	33.08	32.25	33.29	32.85	
8	32.17	36.45	35.76	37.33	35.39	37.99	39.63	38.17	33.07	32.25	33.17	32.67	
9	32.17	36.60	35.64	37.11	35.45	38.19	39.71	38.07	33.07	32.24	33.09	32.65	
10	32.22	36.70	35.57	36.93	35.62	38.26	39.78	37.93	33.06	32.24	32.99	32.68	
11	32.35	36.79	35.45	36.85	35.84	38.31	39.80	37.74	32.98	32.23	32.80	32.68	
12	32.46	36.87	35.15	36.59	35.93	38.33	39.81	37.59	32.77	32.23	32.63	32.66	
13	32.48	37.12	34.93	36.21	35.97	38.37	39.83	37.46	32.59	32.22	32.54	32.70	
14	32.49	37.19	34.86	35.96	36.08	38.45	39.89	37.36	32.42	32.21	32.52	32.87	
15	32.55	37.24	34.80	35.91	36.07	38.53	39.95	37.25	32.38	32.20	32.57	32.94	
16	32.66	37.33	34.75	35.85	36.05	38.66	39.98	37.11	32.36	32.17	32.60	32.81	
17	32.67	37.43	34.73	35.60	36.03	38.71	39.97	36.96	32.33	32.15	32.66	32.77	
18	32.64	37.61	34.69	35.42	35.96	38.70	39.93	36.79	32.33	32.13	32.69	32.70	
19	32.67	37.80	34.62	35.24	35.79	38.66	39.90	36.63	32.33	32.11	32.72	32.60	
20	32.72	37.87	34.64	35.04	35.72	38.66	39.91	36.35	32.30	32.07	32.77	32.57	
21	32.70	37.95	34.73	34.93	35.81	38.79	39.88	35.82	32.26	32.03	32.79	32.52	
22	32.65	38.00	35.22	34.91	35.86	38.83	39.85	35.55	32.25	31.99	32.80	32.45	
23	32.63	37.98	35.65	34.91	35.93	38.89	39.81	35.25	32.25	31.96	32.83	32.41	
24	32.63	37.81	35.65	34.91	36.15	38.91	39.78	35.01	32.32	31.94	32.89	32.38	
25	32.63	37.69	35.52	34.91	36.41	38.85	39.74	34.88	32.36	31.91	32.91	32.30	
26	32.63	37.61	35.16	34.90	36.59	38.89	39.70	34.75	32.38	31.87	32.92	32.25	
27	32.63	37.49	35.23	34.96	36.63	38.93	39.67	34.61	32.40	31.84	32.94	32.21	
28	32.63	37.37	35.83	35.09	36.63	38.98	39.62	34.50	32.40	31.87	33.04	32.19	
29	32.61	37.29	36.46	35.19	36.71	39.03	39.58	34.35	32.38	31.88	33.12	32.18	
30	32.62	37.19	36.91	35.27	36.89	39.06	39.51	34.09	32.32	31.88		32.17	
31		37.09		35.42	37.30		39.39		32.28	31.89		32.14	
Mean	32.46	36.35	35.56	36.01	35.96	38.42	39.66	36.85	32.68	32.11	32.68	32.73	
Max	32.72	38.00	36.96	37.43	37.30	39.06	39.98	39.17	33.82	32.27	33.29	34.21	39.98
Min	32.13	32.60	34.62	34.90	35.29	37.39	39.09	34.09	32.25	31.84	31.95	32.14	31.84
Annual Max Momentary Gage Height	39.98		m. (MSL.) ,				at 06.00 Hours ,						on Oct 16, 2007
Zero Gage at Bottom Elevation	31.63		m. (MSL.) ,			River Bed	31.00	m. (MSL.)					
Left Bank Elevation		37.69		m. (MSL.) ,									
Right Bank Elevation		43.06		m. (MSL.) ,		Drainage Are	20,201	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.65	6.00	135.40	142.20	81.00	153.55	312.15	322.95	26.50	2.60	0.75	13.10		
2	1.80	6.10	128.60	144.20	83.40	157.00	316.20	302.70	21.80	2.70	0.90	13.85		
3	1.85	6.10	122.20	145.00	78.20	161.50	316.20	287.50	17.80	2.60	0.95	16.60		
4	1.85	6.20	114.20	145.45	71.80	170.00	317.55	271.70	14.60	2.60	1.20	29.25		
5	1.85	6.30	102.20	149.95	68.60	176.00	335.70	250.90	12.95	2.50	1.35	36.25		
6	1.85	8.60	94.20	155.50	68.60	181.95	365.60	237.25	12.65	2.50	4.50	20.60		
7	1.85	42.25	91.00	155.00	69.40	187.05	375.20	222.00	12.20	2.50	15.80	8.75		
8	1.85	115.00	87.40	150.85	72.60	192.15	393.10	209.15	12.05	2.50	13.55	6.70		
9	1.85	121.00	82.60	141.40	75.00	211.05	406.70	199.65	12.05	2.40	12.35	6.50		
10	2.20	125.00	79.80	134.20	81.80	218.00	418.60	187.05	11.90	2.40	10.85	6.80		
11	3.50	128.60	75.00	131.00	90.60	223.00	422.00	172.40	10.70	2.30	8.00	6.80		
12	4.60	131.80	63.25	120.60	94.20	225.00	423.75	163.50	7.70	2.30	6.30	6.60		
13	4.80	141.80	55.90	105.40	95.80	229.00	427.25	157.00	5.90	2.20	5.40	7.00		
14	4.90	144.60	53.80	95.40	100.20	237.25	437.75	152.20	4.20	2.10	5.20	9.05		
15	5.50	146.80	52.00	93.40	99.80	245.65	448.25	147.25	3.80	2.00	5.70	10.10		
16	6.60	150.85	50.50	91.00	99.00	259.60	453.50	141.40	3.60	1.85	6.00	8.15		
17	6.70	155.50	49.90	81.00	98.20	265.10	451.75	135.40	3.30	1.75	6.60	7.70		
18	6.40	164.60	48.70	73.80	95.40	264.00	444.75	128.60	3.30	1.65	6.90	7.00		
19	6.70	176.00	46.60	66.60	88.60	259.60	439.50	122.20	3.30	1.55	7.20	6.00		
20	7.20	181.95	47.20	59.40	85.80	259.60	441.25	111.00	3.00	1.35	7.70	5.70		
21	7.00	188.75	49.90	55.90	89.40	273.90	436.00	89.80	2.60	1.15	7.90	5.20		
22	6.50	193.00	65.80	55.30	91.40	278.75	430.75	79.00	2.50	0.95	8.00	4.50		
23	6.30	191.30	83.00	55.30	94.20	286.25	423.75	67.00	2.50	0.80	8.45	4.10		
24	6.30	176.85	83.00	55.30	103.00	288.75	418.60	58.35	3.20	0.70	9.35	3.80		
25	6.30	169.40	77.80	55.30	113.40	281.25	411.80	54.40	3.60	0.55	9.65	3.00		
26	6.30	164.60	63.60	55.00	120.60	286.25	405.00	50.50	3.80	0.35	9.80	2.50		
27	6.30	158.50	66.20	56.80	122.20	291.25	399.90	46.30	4.00	0.20	10.10	2.10		
28	6.30	152.65	90.20	61.15	122.20	297.50	391.40	43.50	4.00	0.35	11.60	1.95		
29	6.10	149.05	115.40	64.65	125.40	304.05	384.80	39.75	3.80	0.40	12.80	1.90		
30	6.20	144.60	133.40	67.80	132.60	308.10	373.60	33.25	3.20	0.40		1.85		
31		140.60		73.80	149.50		354.55		2.80	0.45		1.70		
Total	139.10	3794.35	2408.75	3037.65	2961.90	7172.10	12376.90	4483.65	239.30	50.65	214.85	265.10	37144.30	CMSDAY
Mean	4.64	122.40	80.29	97.99	95.55	239.07	399.25	149.46	7.72	1.63	7.41	8.55	101.49	CMS
Max	7.20	193.00	135.40	155.50	149.50	308.10	453.50	322.95	26.50	2.70	15.80	36.25	453.50	CMS
Min	1.65	6.00	46.60	55.00	68.60	153.55	312.15	33.25	2.50	0.20	0.75	1.70	0.20	CMS
Runoff	12.02	327.83	208.12	262.45	255.91	619.67	1069.36	387.39	20.68	4.38	18.56	22.90	3209.27	MCM
Momentary Peak	453.50 CMS. at 39.98 m. (MSL.) at 06.00 Hours , on Oct 16, 2007													
Runoff Yield	5.04 Liters/Second/Square KM.			Momentary Peak Yield				22.45 Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	0.00	167.25	177.00	110.80	179.25	260.60	287.00	30.40	11.75	5.20	33.20		
2	0.00	0.00	159.75	174.00	107.80	188.40	262.80	281.50	27.20	13.35	6.20	33.20		
3	0.00	0.00	151.80	171.00	103.60	194.80	262.80	284.80	25.20	14.05	8.25	35.60		
4	0.00	0.00	139.90	177.75	97.60	203.60	269.40	278.20	23.60	13.35	11.00	49.95		
5	0.00	9.50	128.00	182.25	95.80	211.60	296.90	271.60	25.20	13.00	18.95	41.85		
6	0.00	68.80	120.20	183.75	95.20	216.40	282.60	261.70	24.00	13.00	43.65	34.80		
7	0.00	134.30	116.30	183.00	95.20	223.40	299.30	253.10	21.20	13.35	52.15	31.60		
8	0.00	162.75	111.40	178.50	96.40	239.60	329.60	245.90	18.60	13.35	41.40	29.60		
9	0.00	170.25	105.40	173.25	100.00	252.20	347.80	235.10	14.40	12.50	35.60	28.80		
10	0.00	178.50	97.00	165.00	117.60	253.10	352.00	225.20	8.75	11.50	28.40	31.20		
11	0.00	184.50	84.40	153.90	126.05	250.40	347.80	213.20	6.60	10.75	23.60	34.40		
12	0.00	194.80	80.20	142.70	126.05	248.60	350.60	204.40	5.40	10.75	18.25	32.00		
13	0.00	203.60	78.40	130.80	124.75	249.50	358.00	210.80	3.40	10.75	18.25	30.40		
14	0.00	208.40	76.00	120.85	127.35	251.30	374.00	205.20	2.20	10.25	18.25	30.00		
15	0.00	210.80	77.20	116.30	126.05	260.60	380.00	193.20	5.20	11.00	18.25	36.90		
16	0.00	215.60	74.80	112.60	122.80	263.90	378.00	176.25	4.80	12.75	18.25	31.20		
17	0.00	222.50	71.20	108.40	119.55	261.70	356.00	162.75	5.20	7.40	18.25	28.00		
18	0.00	230.60	71.20	102.40	113.80	258.40	350.60	144.10	8.25	6.00	18.60	25.20		
19	0.00	240.50	71.20	94.00	112.60	257.30	350.60	124.10	11.25	5.40	18.95	23.20		
20	0.00	249.50	76.00	86.20	116.95	258.40	347.80	109.60	12.25	4.60	20.00	21.20		
21	0.00	256.20	86.20	85.60	112.60	262.80	345.00	104.80	12.50	3.80	26.80	18.95		
22	0.00	258.40	107.20	85.60	109.60	273.80	339.40	98.20	16.50	3.60	30.40	15.80		
23	0.00	253.10	112.00	80.80	117.60	278.20	333.80	89.80	16.85	3.40	30.80	12.50		
24	0.00	230.60	110.20	75.40	132.20	274.90	329.60	86.80	16.15	3.20	31.20	10.25		
25	0.00	215.60	102.40	72.40	151.10	260.60	324.00	82.60	16.15	3.20	32.00	8.00		
26	0.00	206.80	91.60	72.40	163.50	258.40	320.10	74.20	15.45	3.80	32.40	6.20		
27	0.00	196.40	102.40	82.00	159.00	256.20	318.80	58.75	14.05	3.80	31.60	4.40		
28	0.00	189.20	120.85	87.40	155.30	256.20	313.60	49.40	13.00	4.40	32.80	2.60		
29	0.00	183.00	144.80	89.80	155.30	259.50	308.40	38.25	12.50	5.60	33.20	2.00		
30	0.00	179.25	168.75	92.80	159.75	260.60	300.60	30.80	11.75	5.20		2.80		
31	0.00	174.00		100.60	168.00		293.60		11.50	5.60		3.00		
Total	0.00	5227.45	3204.00	3858.45	3819.90	7363.65	10084.10	5081.30	439.50	264.45	722.65	728.80	40794.25	CMSDAY
Mean	0.00	168.63	106.80	124.47	123.22	245.45	325.29	169.38	14.18	8.53	24.92	23.51	111.46	CMS
Max	0.00	258.40	168.75	183.75	168.00	278.20	380.00	287.00	30.40	14.05	52.15	49.95	380.00	CMS
Min	0.00	0.00	71.20	72.40	95.20	179.25	260.60	30.80	2.20	3.20	5.20	2.00	0.00	CMS
Runoff	0.00	451.65	276.83	333.37	330.04	636.22	871.27	439.02	37.97	22.85	62.44	62.97	3524.62	MCM
Momentary Peak		386.00	CMS. at 37.17 m. (MSL.)				on Oct 16, 2007							
Runoff Yield		5.07	Liters/Second/Square KM.				Momentary Peak Yield	17.52						Liters/Second/Square KM.

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Huai Sak , Phrae (Y.20)

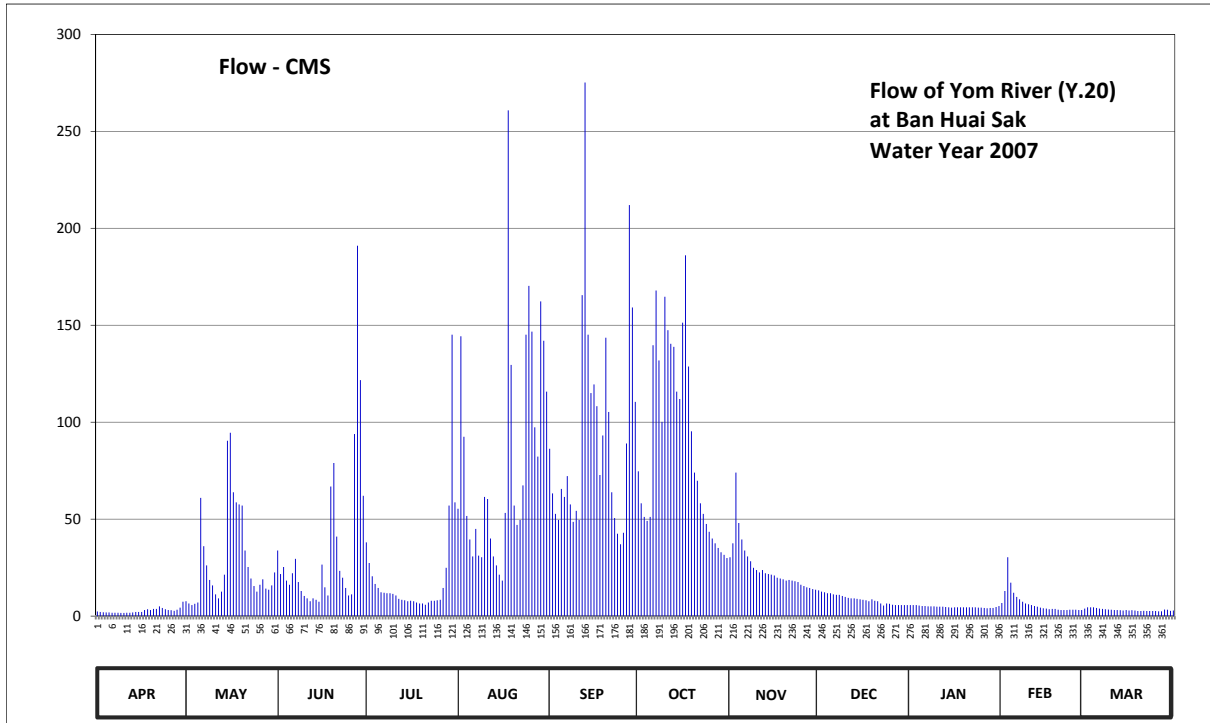
Lat 18 - 35 - 06 N Long 100 - 09 - 16 E

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 52 discharge measurements made in 2007.		

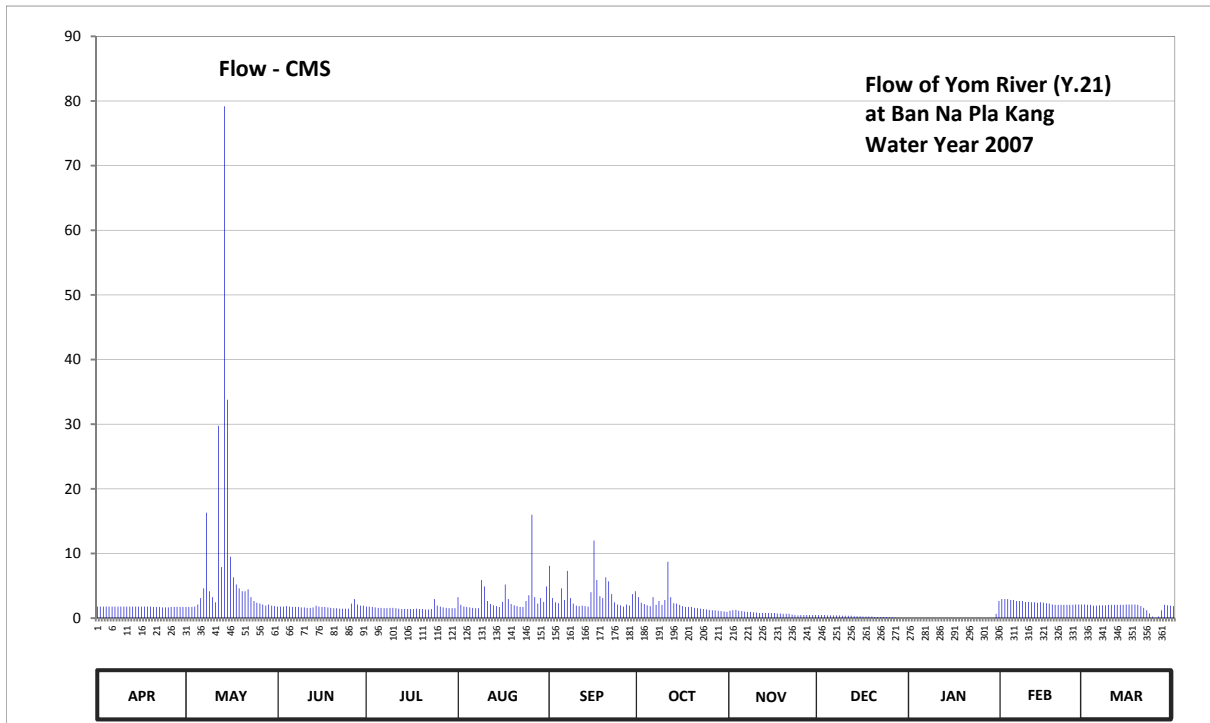
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	181.62	181.92	182.66	182.75	183.09	183.60	183.42	182.58	182.13	181.83	181.88	181.73	
2	181.60	181.87	182.37	182.51	184.38	183.23	183.14	182.74	182.11	181.83	182.12	181.77	
3	181.59	181.83	182.46	182.34	183.69	183.04	183.01	183.41	182.10	181.83	182.58	181.77	
4	181.58	181.86	182.28	182.23	183.02	182.98	182.97	182.95	182.08	181.82	182.25	181.77	
5	181.58	181.89	182.22	182.17	182.78	183.27	183.01	182.78	182.08	181.81	182.09	181.75	
6	181.57	183.19	182.38	182.10	182.59	183.20	184.32	182.66	182.06	181.81	182.01	181.73	
7	181.57	182.71	182.56	182.09	182.89	183.38	184.68	182.59	182.05	181.80	181.96	181.72	
8	181.57	182.48	182.26	182.08	182.60	183.13	184.22	182.53	182.05	181.80	181.91	181.71	
9	181.56	182.29	182.12	182.08	182.58	182.96	183.80	182.45	182.03	181.80	181.87	181.70	
10	181.56	182.21	182.03	182.07	183.20	183.07	184.64	182.42	182.01	181.79	181.85	181.69	
11	181.57	182.06	181.98	182.04	183.18	182.98	184.42	182.39	181.99	181.79	181.83	181.68	
12	181.57	181.98	181.92	181.97	182.79	184.65	184.33	182.42	181.98	181.79	181.81	181.68	
13	181.58	182.11	181.98	181.95	182.59	185.71	184.31	182.38	181.98	181.78	181.79	181.67	
14	181.60	182.36	181.95	181.94	182.48	184.39	184.01	182.37	181.97	181.77	181.76	181.66	
15	181.60	183.66	181.91	181.92	182.36	184.00	183.96	182.36	181.96	181.76	181.74	181.68	
16	181.60	183.72	182.49	181.93	182.28	184.06	184.47	182.35	181.95	181.77	181.73	181.66	
17	181.68	183.24	182.18	181.92	183.05	183.91	184.89	182.32	181.94	181.77	181.71	181.67	
18	181.71	183.15	182.04	181.89	185.59	183.39	184.18	182.31	181.92	181.77	181.72	181.66	
19	181.68	183.13	183.29	181.87	184.19	183.70	183.73	182.30	181.96	181.77	181.72	181.64	
20	181.72	183.12	183.49	181.87	183.12	184.37	183.41	182.28	181.93	181.77	181.69	181.64	
21	181.72	182.66	182.81	181.84	182.93	183.87	183.34	182.29	181.92	181.77	181.68	181.65	
22	181.80	182.46	182.41	181.89	182.98	183.24	183.14	182.28	181.87	181.77	181.68	181.64	
23	181.75	182.31	182.32	181.93	183.30	183.00	183.04	182.27	181.82	181.77	181.68	181.64	
24	181.71	182.20	182.17	181.93	184.39	182.84	182.94	182.26	181.87	181.76	181.69	181.64	
25	181.68	182.11	182.04	181.94	184.71	182.73	182.86	182.22	181.86	181.76	181.69	181.64	
26	181.67	182.22	182.06	181.95	184.41	182.85	182.79	182.20	181.84	181.75	181.69	181.63	
27	181.65	182.30	183.71	182.17	183.76	183.64	182.74	182.18	181.83	181.74	181.68	181.63	
28	181.69	182.16	184.94	182.45	183.54	185.15	182.69	182.17	181.83	181.75	181.68	181.70	
29	181.76	182.14	184.09	183.12	184.61	184.57	182.64	182.15	181.83	181.75	181.69	181.69	
30	181.91	182.21	183.21	184.39	184.35	183.94	182.61	182.14	181.83	181.78	181.65	181.65	
31		182.39		183.15	184.01		182.57		181.83	181.81		181.66	
Mean	181.65	182.45	182.54	182.21	183.40	183.63	183.56	182.43	181.96	181.78	181.83	181.68	
Max	181.91	183.72	184.94	184.39	185.59	185.71	184.89	183.41	182.13	181.83	182.58	181.77	185.71
Min	181.56	181.83	181.91	181.84	182.28	182.73	182.57	182.14	181.82	181.74	181.68	181.63	181.56
Annual Max Momentary Gage Height	186.42		m. (MSL.) ,				at 09.00 Hours , on Sep 13 , 2007						
Zero Gage at Bottom Elevation	181.00		m. (MSL.) ,			River Bed	179.42	m. (MSL.)					
Left Bank Elevation		193.54		m. (MSL.) ,									
Right Bank Elevation		193.66		m. (MSL.) ,		Drainage Are	5,394	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.36	7.68	33.84	38.05	55.37	86.30	74.64	30.36	13.26	5.66	6.76	3.88		
2	2.10	6.54	21.73	27.42	144.34	63.27	58.14	37.56	12.62	5.66	12.94	4.52		
3	1.98	5.66	25.36	20.56	92.51	52.72	51.13	74.02	12.30	5.66	30.36	4.52		
4	1.86	6.32	18.30	16.55	51.66	49.58	49.07	48.05	11.76	5.44	17.25	4.52		
5	1.86	6.98	16.20	14.54	39.52	65.63	51.13	39.52	11.76	5.22	12.03	4.20		
6	1.74	60.94	22.12	12.30	30.78	61.50	139.66	33.84	11.22	5.22	9.87	3.88		
7	1.74	36.09	29.52	12.03	45.00	72.20	167.90	30.78	10.95	5.00	8.64	3.72		
8	1.74	26.18	17.60	11.76	31.20	57.58	131.86	28.26	10.95	5.00	7.44	3.56		
9	1.62	18.65	12.94	11.76	30.36	48.56	100.20	24.95	10.41	5.00	6.54	3.40		
10	1.62	15.85	10.41	11.49	61.50	54.31	164.70	23.72	9.87	4.84	6.10	3.27		
11	1.74	11.22	9.12	10.68	60.38	49.58	147.46	22.51	9.36	4.84	5.66	3.14		
12	1.74	9.12	7.68	8.88	40.01	165.50	140.44	23.72	9.12	4.84	5.22	3.14		
13	1.86	12.62	9.12	8.40	30.78	275.20	138.88	22.12	9.12	4.68	4.84	3.01		
14	2.10	21.34	8.40	8.16	26.18	145.12	115.75	21.73	8.88	4.52	4.36	2.88		
15	2.10	90.44	7.44	7.68	21.34	115.00	112.00	21.34	8.64	4.36	4.04	3.14		
16	2.10	94.60	26.59	7.92	18.30	119.50	151.36	20.95	8.40	4.52	3.88	2.88		
17	3.14	63.86	14.86	7.68	53.25	108.25	186.10	19.78	8.16	4.52	3.56	3.01		
18	3.56	58.70	10.68	6.98	260.80	72.80	128.74	19.39	7.68	4.52	3.72	2.88		
19	3.14	57.58	66.81	6.54	129.52	93.20	95.30	19.00	8.64	4.52	3.72	2.62		
20	3.72	57.02	78.98	6.54	57.02	143.56	74.02	18.30	7.92	4.52	3.27	2.62		
21	3.72	33.84	41.00	5.88	47.03	105.31	69.80	18.65	7.68	4.52	3.14	2.75		
22	5.00	25.36	23.31	6.98	49.58	63.86	58.14	18.30	6.54	4.52	3.14	2.62		
23	4.20	19.39	19.78	7.92	67.40	50.60	52.72	17.95	5.44	4.52	3.14	2.62		
24	3.56	15.50	14.54	7.92	145.12	42.50	47.54	17.60	6.54	4.36	3.27	2.62		
25	3.14	12.62	10.68	8.16	170.35	37.07	43.50	16.20	6.32	4.36	3.27	2.62		
26	3.01	16.20	11.22	8.40	146.68	43.00	40.01	15.50	5.88	4.20	3.27	2.49		
27	2.75	19.00	93.90	14.54	97.40	89.06	37.56	14.86	5.66	4.04	3.14	2.49		
28	3.27	14.22	191.00	24.95	82.28	212.00	35.16	14.54	5.66	4.20	3.14	3.40		
29	4.36	13.58	121.75	57.02	162.30	159.16	32.96	13.90	5.66	4.20	3.27	3.27		
30	7.44	15.85	62.09	145.12	142.00	110.50	31.64	13.58	5.66	4.68		2.75		
31		22.51		58.70	115.75		29.94		5.66	5.22		2.88		
Total	84.27	875.46	1036.97	601.51	2505.71	2812.42	2757.45	740.98	267.72	147.36	188.98	99.30	12118.13	CMSDAY
Mean	2.81	28.24	34.57	19.40	80.83	93.75	88.95	24.70	8.64	4.75	6.52	3.20	33.11	CMS
Max	7.44	94.60	191.00	145.12	260.80	275.20	186.10	74.02	13.26	5.66	30.36	4.52	275.20	CMS
Min	1.62	5.66	7.44	5.88	18.30	37.07	29.94	13.58	5.44	4.04	3.14	2.49	1.62	CMS
Runoff	7.28	75.64	89.59	51.97	216.49	242.99	238.24	64.02	23.13	12.73	16.33	8.58	1047.01	MCM
Momentary Peak	369.00	CMS.	at 186.42 m. (MSL.)	at 09.00 Hours	, on Sep 13, 2007									
Runoff Yield	6.16	Liters/Second/Square KM.			Momentary Peak Yield	68.41	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.79	1.72	1.79	1.79	3.25	8.10	3.25	1.14	0.48	0.00	2.95	2.11	
2	1.79	1.72	1.79	1.79	2.05	3.10	2.37	1.20	0.48	0.00	2.95	2.05	
3	1.79	1.72	1.79	1.72	1.79	2.44	2.18	1.27	0.48	0.00	2.95	2.05	
4	1.79	1.79	1.85	1.66	1.72	2.31	1.98	1.14	0.42	0.00	2.80	1.92	
5	1.79	2.11	1.79	1.59	1.66	4.60	1.85	1.08	0.42	0.00	2.80	1.92	
6	1.79	3.10	1.72	1.59	1.59	2.80	3.25	1.02	0.42	0.00	2.65	1.98	
7	1.79	4.60	1.72	1.53	1.53	7.30	2.05	0.96	0.42	0.00	2.65	1.98	
8	1.79	16.30	1.72	1.53	1.53	3.10	2.65	0.96	0.42	0.00	2.65	1.98	
9	1.79	4.15	1.66	1.59	5.90	2.24	2.05	0.90	0.36	0.00	2.50	2.05	
10	1.79	3.25	1.66	1.59	4.90	1.92	2.80	0.84	0.36	0.00	2.50	2.05	
11	1.79	2.44	1.59	1.53	2.65	1.85	8.70	0.78	0.36	0.00	2.44	2.05	
12	1.79	29.75	1.59	1.46	2.18	1.92	3.25	0.78	0.36	0.00	2.44	2.05	
13	1.79	7.90	1.66	1.40	1.98	1.85	2.31	0.78	0.30	0.00	2.37	2.05	
14	1.79	79.20	1.92	1.40	1.85	1.79	2.24	0.78	0.30	0.00	2.44	2.05	
15	1.79	33.80	1.79	1.40	1.72	4.00	2.05	0.78	0.30	0.00	2.37	2.11	
16	1.79	9.50	1.72	1.40	2.50	12.00	1.85	0.78	0.24	0.00	2.31	2.11	
17	1.79	6.30	1.72	1.40	5.20	5.90	1.72	0.72	0.24	0.00	2.24	2.11	
18	1.79	5.20	1.66	1.46	2.95	3.40	1.72	0.72	0.24	0.00	2.11	2.11	
19	1.79	4.60	1.59	1.40	2.18	3.10	1.72	0.66	0.24	0.00	2.05	2.05	
20	1.72	4.15	1.53	1.40	1.98	6.30	1.59	0.66	0.18	0.00	2.05	1.85	
21	1.72	4.15	1.53	1.33	1.85	5.70	1.53	0.66	0.18	0.00	2.05	1.59	
22	1.72	4.45	1.46	1.33	1.72	3.70	1.46	0.54	0.18	0.00	2.05	1.20	
23	1.66	3.25	1.46	1.40	1.72	2.44	1.40	0.48	0.18	0.00	2.05	0.72	
24	1.66	2.65	1.46	2.95	2.65	2.11	1.33	0.42	0.18	0.00	2.05	0.24	
25	1.66	2.37	1.46	1.92	3.55	1.98	1.27	0.48	0.12	0.00	2.05	0.00	
26	1.72	2.24	2.24	1.79	16.00	1.79	1.20	0.48	0.12	0.00	2.11	0.24	
27	1.72	2.11	2.95	1.66	3.25	2.11	1.20	0.48	0.06	0.00	2.11	1.20	
28	1.72	1.92	2.11	1.59	2.24	1.92	1.14	0.48	0.00	0.00	2.11	2.05	
29	1.72	2.11	1.92	1.53	3.10	3.70	1.08	0.48	0.00	0.00	2.11	1.98	
30	1.72	1.92	1.92	1.53	2.50	4.15	1.02	0.48	0.00	0.66		1.92	
31		1.85		1.53	4.90		0.96		0.00	2.65		1.85	
Total	52.75	252.32	52.77	49.19	94.59	109.62	65.17	22.93	8.04	3.31	68.91	53.62	833.22 CMSDAY
Mean	1.76	8.14	1.76	1.59	3.05	3.65	2.10	0.76	0.26	0.11	2.38	1.73	2.28 CMS
Max	1.79	79.20	2.95	2.95	16.00	12.00	8.70	1.27	0.48	2.65	2.95	2.11	79.20 CMS
Min	1.66	1.72	1.46	1.33	1.53	1.79	0.96	0.42	0.00	0.00	2.05	0.00	0.00 CMS
Runoff	4.56	21.80	4.56	4.25	8.17	9.47	5.63	1.98	0.69	0.29	5.95	4.63	71.99 MCM
Momentary Peak	149.00	CMS.	at 4.25 m. (A.D.)	at 06.00 Hours ,	on May 14 , 2007								
Runoff Yield	7.36	Liters/Second/Square KM.		Momentary Peak Yield	480.65	Liters/Second/Square KM.							

WATER YEAR : 2007

YOM RIVER BASIN

Nam Pi at Ban Mang , Phayao (Y.24)

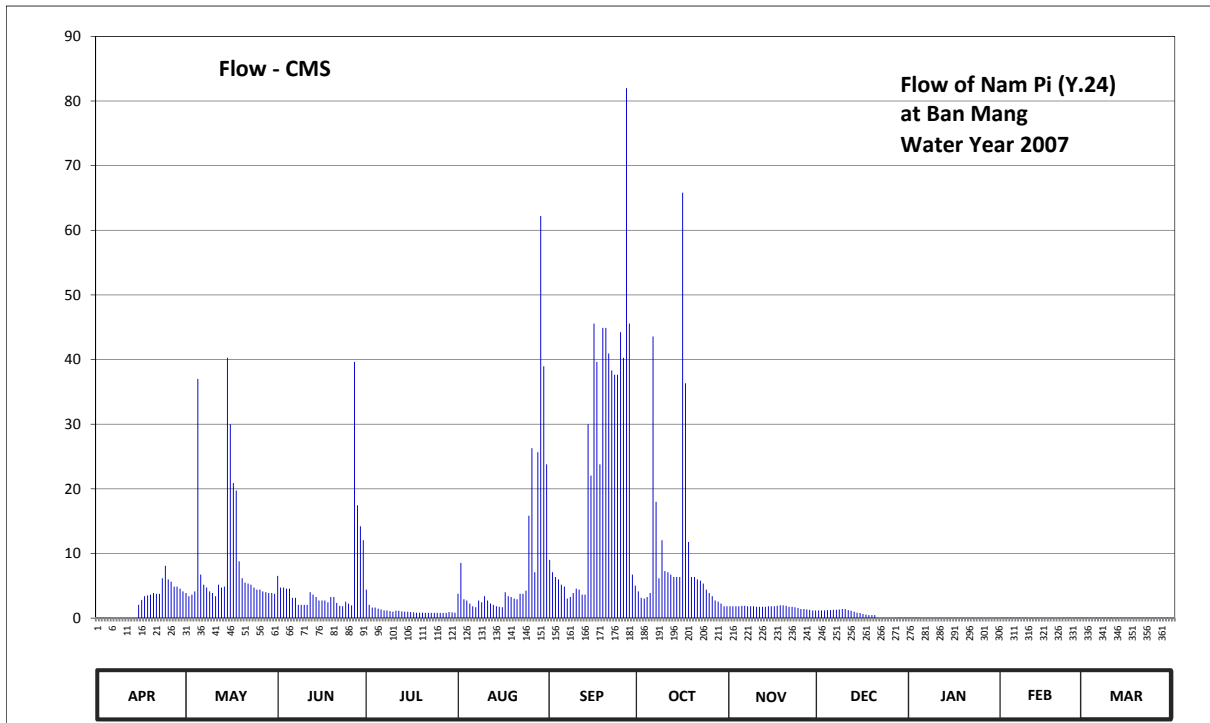
Lat 18 - 53 - 11 N Long 100 - 17 - 20 E

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.			
Type of Gage	Staff gage.				
Zero Gage at Bottom	+257.765 m. (MSL.)				
Bench Mark	B.M.-H.D.				
Location BM	On right bank at the abutment of the bridge.			Elevation	+264.800 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	1979 - 1986 , 1996 to date				
Rated by Flot	-				
Rated by Current Meter	1979 - 1986 , 1996 to date				
Stability of Channel Regimes	Fairly stable because of backwater effect.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records fair. The channel flow silted about 100 meters downstream from the gage site. Stage-discharge relation defined by 14 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	259.45	259.57	259.74	259.61	259.56	259.86	259.59	259.37	259.27	259.49	259.69	259.57	
2	259.45	259.53	259.63	259.40	259.84	259.77	259.51	259.37	259.27	259.47	259.66	259.57	
3	259.45	259.55	259.63	259.34	259.49	259.73	259.50	259.37	259.27	259.45	259.64	259.56	
4	259.45	259.59	259.62	259.34	259.47	259.71	259.52	259.37	259.28	259.45	259.61	259.56	
5	259.45	260.41	259.62	259.32	259.42	259.66	259.57	259.38	259.28	259.44	259.58	259.56	
6	259.40	259.75	259.51	259.30	259.37	259.64	260.51	259.38	259.29	259.44	259.55	259.58	
7	259.40	259.66	259.51	259.27	259.35	259.50	260.10	259.37	259.29	259.44	259.51	259.59	
8	259.40	259.63	259.40	259.27	259.47	259.52	259.72	259.37	259.30	259.42	259.47	259.59	
9	259.40	259.59	259.40	259.25	259.44	259.57	259.98	259.37	259.31	259.42	259.45	259.60	
10	259.38	259.57	259.40	259.23	259.53	259.62	259.78	259.36	259.31	259.42	259.43	259.77	
11	259.38	259.53	259.40	259.26	259.47	259.61	259.77	259.36	259.28	259.42	259.43	259.72	
12	259.38	259.66	259.58	259.26	259.42	259.55	259.75	259.36	259.26	259.42	259.40	259.72	
13	259.38	259.63	259.55	259.24	259.40	259.55	259.73	259.36	259.23	259.40	259.39	259.71	
14	259.37	259.64	259.52	259.23	259.37	260.30	259.73	259.37	259.20	259.40	259.37	259.71	
15	259.40	260.46	259.47	259.23	259.36	260.17	259.73	259.37	259.18	259.40	259.35	259.69	
16	259.48	260.30	259.47	259.22	259.35	260.54	260.83	259.37	259.14	259.38	259.33	259.67	
17	259.53	260.15	259.47	259.21	259.58	260.45	260.40	259.38	259.11	259.38	259.32	259.67	
18	259.54	260.13	259.44	259.20	259.53	260.20	259.97	259.39	259.09	259.38	259.30	259.66	
19	259.55	259.85	259.52	259.20	259.52	260.53	259.73	259.39	259.09	259.35	259.29	259.63	
20	259.57	259.72	259.52	259.20	259.50	260.53	259.73	259.38	259.09	259.31	259.29	259.63	
21	259.56	259.68	259.43	259.19	259.49	260.47	259.71	259.36	259.17	259.37	259.37	259.65	
22	259.56	259.67	259.38	259.19	259.56	260.43	259.70	259.36	259.26	259.37	259.45	259.65	
23	259.72	259.66	259.37	259.19	259.56	260.42	259.67	259.35	259.29	259.40	259.47	259.67	
24	259.82	259.63	259.45	259.19	259.60	260.42	259.61	259.33	259.35	259.42	259.52	259.70	
25	259.71	259.61	259.42	259.19	260.06	260.52	259.57	259.31	259.39	259.42	259.52	259.68	
26	259.69	259.61	259.39	259.19	260.24	260.46	259.53	259.31	259.40	259.42	259.57	259.67	
27	259.64	259.59	260.45	259.19	259.77	261.05	259.47	259.30	259.44	259.41	259.57	259.67	
28	259.64	259.58	260.09	259.19	260.23	260.54	259.45	259.29	259.46	259.40	259.57	259.67	
29	259.62	259.57	260.03	259.22	260.78	259.75	259.42	259.27	259.46	259.40	259.57	259.67	
30	259.59	259.57	259.98	259.21	260.44	259.65	259.37	259.27	259.50	259.40	259.40	259.67	
31		259.56		259.20	260.20		259.37		259.49	259.40		259.69	
Mean	259.51	259.73	259.58	259.25	259.66	260.06	259.74	259.35	259.28	259.41	259.47	259.65	
Max	259.82	260.46	260.45	259.61	260.78	261.05	260.83	259.39	259.50	259.49	259.69	259.77	261.05
Min	259.37	259.53	259.37	259.19	259.35	259.50	259.37	259.27	259.09	259.31	259.29	259.56	259.09
Annual Max Momentary Gage Height	261.36		m. (MSL.) ,				at 13.00 Hours , on Sep 27, 2007						
Zero Gage at Bottom Elevation	257.77		m. (MSL.) ,			River Bed	255.89	m. (MSL.) ,					
Left Bank Elevation	266.23		m. (MSL.) ,										
Right Bank Elevation	266.68		m. (MSL.) ,			Drainage Are	590	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	3.88	6.54	4.41	3.76	9.00	4.13	1.83	1.19	0.04	0.06	0.05	
2	0.04	3.39	4.72	2.05	8.55	7.10	3.14	1.83	1.19	0.04	0.06	0.05	
3	0.04	3.64	4.72	1.62	2.92	6.36	3.02	1.83	1.19	0.04	0.05	0.05	
4	0.04	4.13	4.56	1.62	2.73	5.99	3.27	1.83	1.23	0.04	0.05	0.05	
5	0.04	37.01	4.56	1.47	2.24	5.18	3.88	1.91	1.23	0.03	0.05	0.05	
6	0.03	6.73	3.14	1.33	1.83	4.87	43.57	1.91	1.28	0.03	0.05	0.05	
7	0.03	5.18	3.14	1.19	1.69	3.02	18.00	1.83	1.28	0.03	0.04	0.05	
8	0.03	4.72	2.05	1.19	2.73	3.27	6.17	1.83	1.33	0.03	0.04	0.05	
9	0.03	4.13	2.05	1.09	2.44	3.88	12.06	1.83	1.40	0.03	0.04	0.05	
10	0.03	3.88	2.05	0.99	3.39	4.56	7.28	1.76	1.40	0.03	0.03	0.07	
11	0.03	3.39	2.05	1.14	2.73	4.41	7.10	1.76	1.23	0.03	0.03	0.06	
12	0.03	5.18	4.00	1.14	2.24	3.64	6.73	1.76	1.14	0.03	0.03	0.06	
13	0.03	4.72	3.64	1.04	2.05	3.64	6.36	1.76	0.99	0.03	0.03	0.06	
14	0.03	4.87	3.27	0.99	1.83	30.00	6.36	1.83	0.85	0.03	0.03	0.06	
15	2.05	40.28	2.73	0.99	1.76	22.06	6.36	1.83	0.78	0.03	0.03	0.06	
16	2.83	30.00	2.73	0.95	1.69	45.58	65.83	1.83	0.64	0.03	0.03	0.06	
17	3.39	20.90	2.73	0.90	4.00	39.63	36.35	1.91	0.54	0.03	0.03	0.06	
18	3.51	19.74	2.44	0.85	3.39	23.80	11.79	1.98	0.48	0.03	0.03	0.06	
19	3.64	8.78	3.27	0.85	3.27	44.91	6.36	1.98	0.48	0.03	0.03	0.05	
20	3.88	6.17	3.27	0.85	3.02	44.91	6.36	1.91	0.48	0.03	0.03	0.05	
21	3.76	5.49	2.34	0.82	2.92	40.94	5.99	1.76	0.02	0.03	0.03	0.06	
22	3.76	5.34	1.91	0.82	3.76	38.32	5.80	1.76	0.02	0.03	0.04	0.06	
23	6.17	5.18	1.83	0.82	3.76	37.66	5.34	1.69	0.03	0.03	0.04	0.06	
24	8.10	4.72	2.54	0.82	4.25	37.66	4.41	1.55	0.03	0.03	0.04	0.06	
25	5.99	4.41	2.24	0.82	15.84	44.24	3.88	1.40	0.03	0.03	0.04	0.06	
26	5.65	4.41	1.98	0.82	26.28	40.28	3.39	1.40	0.03	0.03	0.05	0.06	
27	4.87	4.13	39.63	0.82	7.10	82.00	2.73	1.33	0.03	0.03	0.05	0.06	
28	4.87	4.00	17.46	0.82	25.66	45.58	2.54	1.28	0.04	0.03	0.05	0.06	
29	4.56	3.88	14.22	0.95	62.22	6.73	2.24	1.19	0.04	0.03	0.05	0.06	
30	4.13	3.88	12.06	0.90	38.97	5.03	1.83	1.19	0.04	0.03		0.06	
31		3.76		0.85	23.80		1.83		0.04	0.03		0.06	
Total	71.63	269.92	163.87	35.92	272.82	694.25	304.10	51.49	20.68	0.97	1.16	1.76	1888.57 CMSDAY
Mean	2.39	8.71	5.46	1.16	8.80	23.14	9.81	1.72	0.67	0.03	0.04	0.06	5.16 CMS
Max	8.10	40.28	39.63	4.41	62.22	82.00	65.83	1.98	1.40	0.04	0.06	0.07	82.00 CMS
Min	0.03	3.39	1.83	0.82	1.69	3.02	1.83	1.19	0.02	0.03	0.03	0.05	0.02 CMS
Runoff	6.19	23.32	14.16	3.10	23.57	59.98	26.27	4.45	1.79	0.08	0.10	0.15	163.17 MCM
Momentary Peak	105.90 CMS. at 261.36 m. (MSL.) at 13.00 Hours , on Sep 27, 2007												
Runoff Yield	8.77 Liters/Second/Square KM.			Momentary Peak Yield				179.49 Liters/Second/Square KM.					

WATER YEAR : 2007

YOM RIVER BASIN

Huai Mae Mok at Ban Mae Phu , Lampang (Y.26)

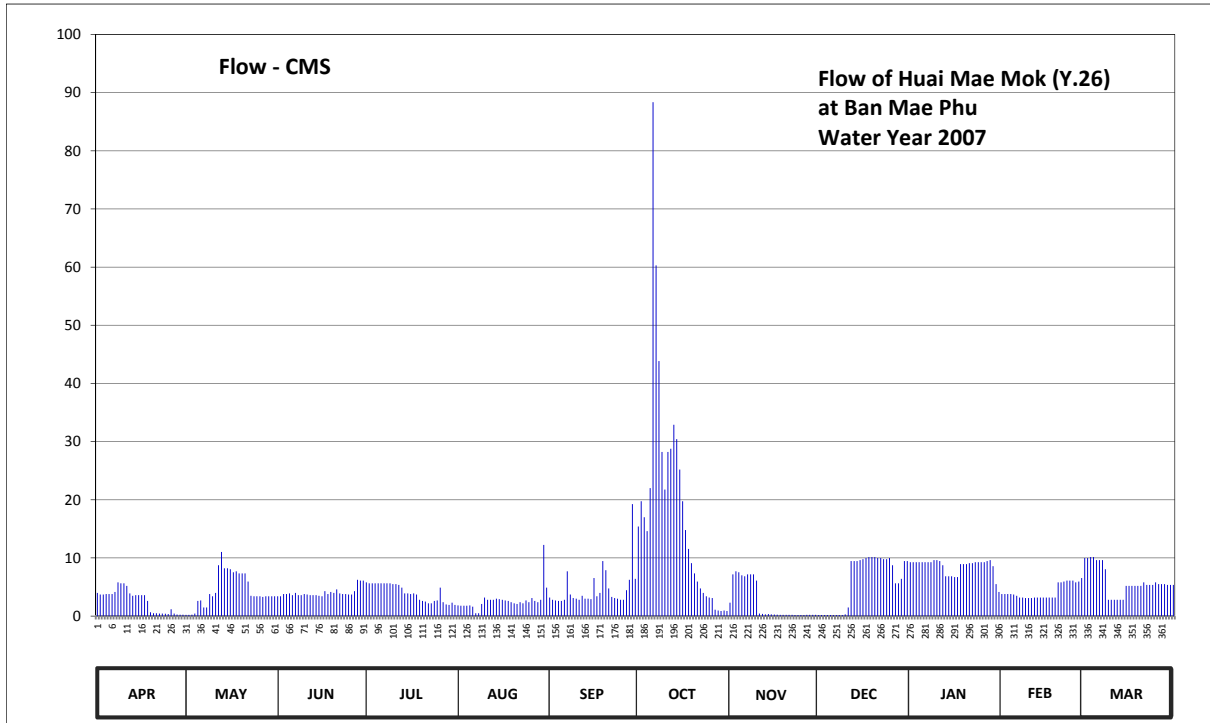
Lat 17 - 19 - 37 N Long 99 - 27 - 42 E

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 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	101.40	100.89	101.34	101.52	101.18	101.32	102.07	101.23	100.88	101.73	101.38	101.77	
2	101.37	100.89	101.34	101.51	101.17	101.28	102.27	101.61	100.88	101.73	101.38	101.77	
3	101.37	100.90	101.38	101.51	101.17	101.27	102.15	101.64	100.88	101.73	101.38	101.78	
4	101.38	100.97	101.38	101.51	101.17	101.26	102.03	101.63	100.88	101.73	101.38	101.78	
5	101.38	101.26	101.39	101.51	101.18	101.26	102.36	101.60	100.88	101.73	101.37	101.75	
6	101.38	101.27	101.36	101.51	101.15	101.28	104.17	101.59	100.88	101.73	101.35	101.75	
7	101.41	101.13	101.40	101.51	101.00	101.64	103.58	101.61	100.88	101.73	101.32	101.75	
8	101.52	101.13	101.36	101.51	101.00	101.37	103.11	101.61	100.88	101.73	101.32	101.66	
9	101.51	101.38	101.36	101.51	101.21	101.31	102.59	101.61	100.88	101.75	101.31	101.28	
10	101.51	101.34	101.38	101.50	101.32	101.30	102.35	101.54	100.92	101.75	101.31	101.28	
11	101.48	101.40	101.37	101.50	101.28	101.28	102.59	100.98	101.13	101.74	101.31	101.28	
12	101.39	101.70	101.36	101.49	101.28	101.35	102.61	100.95	101.74	101.70	101.32	101.28	
13	101.35	101.83	101.36	101.46	101.28	101.30	102.76	100.92	101.74	101.59	101.32	101.28	
14	101.36	101.67	101.36	101.39	101.30	101.30	102.67	100.94	101.74	101.59	101.32	101.28	
15	101.36	101.67	101.35	101.39	101.29	101.29	102.48	100.92	101.75	101.59	101.32	101.48	
16	101.36	101.66	101.34	101.38	101.28	101.57	102.27	100.91	101.76	101.58	101.32	101.48	
17	101.36	101.63	101.42	101.39	101.27	101.34	102.04	100.90	101.77	101.58	101.32	101.48	
18	101.26	101.64	101.38	101.37	101.26	101.40	101.86	100.89	101.78	101.71	101.32	101.48	
19	101.02	101.62	101.41	101.28	101.24	101.74	101.72	100.89	101.78	101.71	101.32	101.48	
20	101.00	101.62	101.40	101.26	101.22	101.65	101.62	100.89	101.78	101.71	101.52	101.48	
21	100.99	101.62	101.44	101.25	101.21	101.45	101.53	100.89	101.77	101.72	101.52	101.52	
22	100.98	101.53	101.39	101.22	101.24	101.33	101.45	100.89	101.77	101.72	101.53	101.49	
23	100.97	101.35	101.38	101.22	101.22	101.31	101.40	100.88	101.76	101.73	101.54	101.49	
24	100.96	101.34	101.38	101.26	101.27	101.30	101.34	100.88	101.76	101.73	101.54	101.49	
25	100.94	101.34	101.37	101.27	101.24	101.28	101.32	100.88	101.77	101.73	101.54	101.52	
26	101.09	101.34	101.37	101.46	101.31	101.28	101.31	100.88	101.70	101.73	101.52	101.50	
27	100.98	101.33	101.42	101.24	101.26	101.43	101.08	100.89	101.51	101.74	101.53	101.50	
28	100.91	101.34	101.55	101.20	101.24	101.55	101.06	100.89	101.51	101.75	101.57	101.50	
29	100.90	101.34	101.54	101.19	101.28	102.25	101.05	100.89	101.56	101.69	101.57	101.49	
30	100.90	101.34	101.54	101.23	101.90	101.56	101.06	100.89	101.74	101.50	101.50	101.49	
31		101.34		101.19	101.46		101.05		101.74	101.41		101.49	
Mean	101.23	101.38	101.39	101.38	101.25	101.41	102.03	101.12	101.43	101.69	101.41	101.52	
Max	101.52	101.83	101.55	101.52	101.90	102.25	104.17	101.64	101.78	101.75	101.57	101.78	104.17
Min	100.90	100.89	101.34	101.19	101.00	101.26	101.05	100.88	100.88	101.41	101.31	101.28	100.88
Annual Max Momentary Gage Height	104.36		m. (MSL.) ,				at 06.00 Hours , on Oct 6, 2007						
Zero Gage at Bottom Elevation	100.38		m. (MSL.) ,			River Bed	100.22	m. (MSL.)					
Left Bank Elevation		108.13		m. (MSL.) ,									
Right Bank Elevation		106.94		m. (MSL.) ,		Drainage Are	784	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.00	0.23	3.40	5.80	1.85	3.20	15.40	2.30	0.20	9.28	3.80	9.98	
2	3.70	0.23	3.40	5.65	1.78	2.80	19.75	7.18	0.20	9.28	3.80	9.98	
3	3.70	0.25	3.80	5.65	1.78	2.70	17.00	7.70	0.20	9.28	3.80	10.15	
4	3.80	0.43	3.80	5.65	1.78	2.60	14.60	7.53	0.20	9.28	3.80	10.15	
5	3.80	2.60	3.90	5.65	1.85	2.60	22.00	7.00	0.20	9.28	3.70	9.63	
6	3.80	2.70	3.60	5.65	1.63	2.80	88.35	6.85	0.20	9.28	3.50	9.63	
7	4.15	1.48	4.00	5.65	0.50	7.70	60.30	7.18	0.20	9.28	3.20	9.63	
8	5.80	1.48	3.60	5.65	0.50	3.70	43.85	7.18	0.20	9.28	3.20	8.05	
9	5.65	3.80	3.60	5.65	2.10	3.10	28.23	7.18	0.20	9.63	3.10	2.80	
10	5.65	3.40	3.80	5.50	3.20	3.00	21.75	6.10	0.30	9.63	3.10	2.80	
11	5.20	4.00	3.70	5.50	2.80	2.80	28.23	0.45	1.48	9.45	3.10	2.80	
12	3.90	8.75	3.60	5.35	2.80	3.50	28.78	0.38	9.45	8.75	3.20	2.80	
13	3.50	11.03	3.60	4.90	2.80	3.00	32.90	0.30	9.45	6.85	3.20	2.80	
14	3.60	8.23	3.60	3.90	3.00	3.00	30.43	0.35	9.45	6.85	3.20	2.80	
15	3.60	8.23	3.50	3.90	2.90	2.90	25.20	0.30	9.63	6.85	3.20	5.20	
16	3.60	8.05	3.40	3.80	2.80	6.55	19.75	0.28	9.80	6.70	3.20	5.20	
17	3.60	7.53	4.30	3.90	2.70	3.40	14.80	0.25	9.98	6.70	3.20	5.20	
18	2.60	7.70	3.80	3.70	2.60	4.00	11.55	0.23	10.15	8.93	3.20	5.20	
19	0.65	7.35	4.15	2.80	2.40	9.45	9.10	0.23	10.15	8.93	3.20	5.20	
20	0.50	7.35	4.00	2.60	2.20	7.88	7.35	0.23	10.15	8.93	5.80	5.20	
21	0.48	7.35	4.60	2.50	2.10	4.75	5.95	0.23	9.98	9.10	5.80	5.80	
22	0.45	5.95	3.90	2.20	2.40	3.30	4.75	0.23	9.98	9.10	5.95	5.35	
23	0.43	3.50	3.80	2.20	2.20	3.10	4.00	0.20	9.80	9.28	6.10	5.35	
24	0.40	3.40	3.80	2.60	2.70	3.00	3.40	0.20	9.80	9.28	6.10	5.35	
25	0.35	3.40	3.70	2.70	2.40	2.80	3.20	0.20	9.98	9.28	6.10	5.80	
26	1.18	3.40	3.70	4.90	3.10	2.80	3.10	0.20	8.75	9.28	5.80	5.50	
27	0.45	3.30	4.30	2.40	2.60	4.45	1.10	0.23	5.65	9.45	5.95	5.50	
28	0.28	3.40	6.25	2.00	2.40	6.25	0.95	0.23	5.65	9.63	6.55	5.50	
29	0.25	3.40	6.10	1.93	2.80	19.25	0.88	0.23	6.40	8.58	6.55	5.35	
30	0.25	3.40	6.10	2.30	12.25	6.40	0.95	0.23	9.45	5.50		5.35	
31		3.40		1.93	4.90		0.88		9.45	4.15		5.35	
Total	79.32	138.72	120.80	124.51	83.82	136.78	568.48	71.38	186.68	265.07	124.40	185.40	2085.36 CMSDAY
Mean	2.64	4.47	4.03	4.02	2.70	4.56	18.34	2.38	6.02	8.55	4.29	5.98	5.70 CMS
Max	5.80	11.03	6.25	5.80	12.25	19.25	88.35	7.70	10.15	9.63	6.55	10.15	88.35 CMS
Min	0.25	0.23	3.40	1.93	0.50	2.60	0.88	0.20	0.20	4.15	3.10	2.80	0.20 CMS
Runoff	6.85	11.99	10.44	10.76	7.24	11.82	49.12	6.17	16.13	22.90	10.75	16.02	180.18 MCM
Momentary Peak	98.80	CMS. at 104.36 m. (MSL.) at 06.00 Hours , on Oct 6, 2007											
Runoff Yield	7.29	Liters/Second/Square KM. Momentary Peak Yield 126.02 Liters/Second/Square KM.											

WATER YEAR : 2007

YOM RIVER BASIN

Huai Mae Phuak at Ban Pak Phuak, Phrae (Y.27)

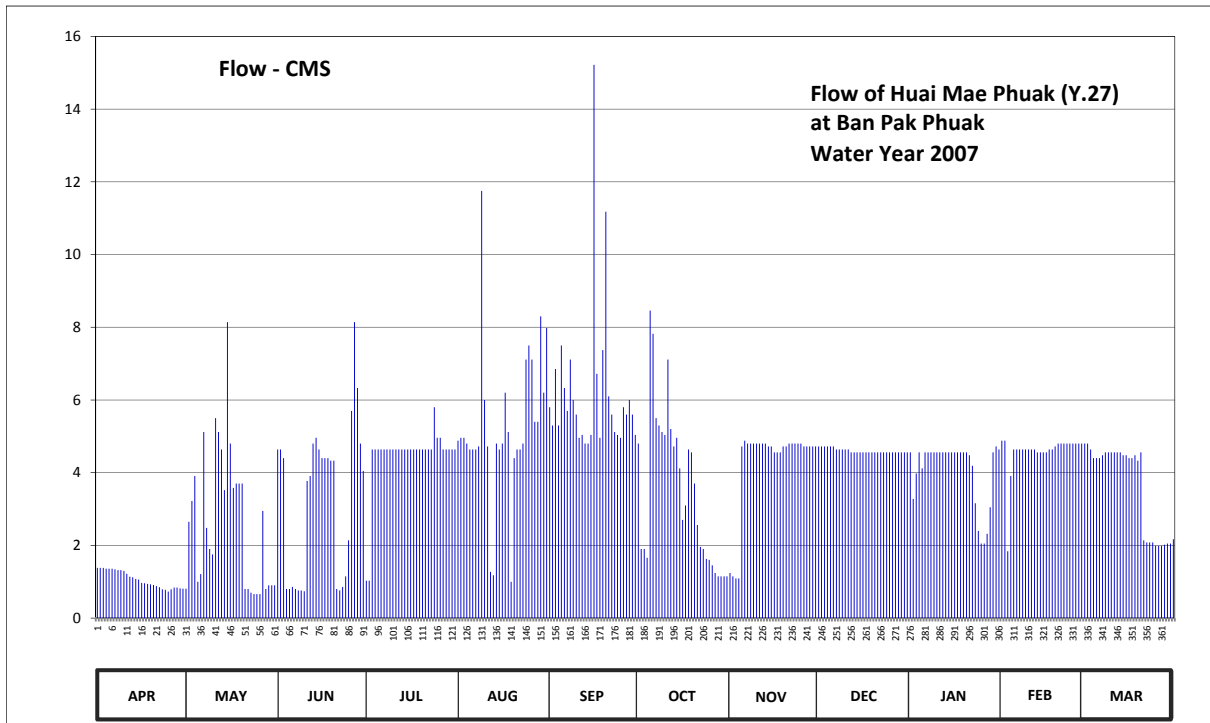
Lat 17 - 58 - 20 N Long 100 - 04 - 04 E

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 +8.340 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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. The weir situated about 3 kilometers above gage site. Stage-discharge relation defined by 11 discharge measurements made in 2007.		

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.59	1.27	1.63	0.81	1.66	1.76	1.65	0.88	1.64	1.62	1.66	1.65	
2	1.59	1.31	1.63	0.81	1.67	1.71	1.10	0.85	1.64	1.43	1.66	1.65	
3	1.59	1.42	1.60	1.63	1.67	1.85	1.10	0.83	1.64	1.54	1.08	1.63	
4	1.58	1.53	0.70	1.63	1.65	1.71	1.02	0.83	1.64	1.62	1.53	1.60	
5	1.58	0.80	0.70	1.63	1.63	1.90	1.96	1.64	1.64	1.56	1.63	1.60	
6	1.58	0.87	0.73	1.63	1.63	1.81	1.92	1.66	1.64	1.62	1.63	1.60	
7	1.57	1.69	0.70	1.63	1.63	1.75	1.73	1.65	1.63	1.62	1.63	1.61	
8	1.56	1.27	0.68	1.63	1.64	1.87	1.71	1.65	1.63	1.62	1.63	1.62	
9	1.56	1.10	0.68	1.63	2.15	1.78	1.69	1.65	1.63	1.62	1.63	1.62	
10	1.55	1.05	0.67	1.63	1.78	1.74	1.68	1.65	1.63	1.62	1.63	1.62	
11	1.51	1.73	1.51	1.63	1.64	1.67	1.87	1.65	1.63	1.62	1.63	1.62	
12	1.47	1.69	1.53	1.63	0.89	1.68	1.70	1.65	1.62	1.62	1.63	1.62	
13	1.46	1.63	1.65	1.63	0.86	1.65	1.64	1.65	1.62	1.62	1.62	1.62	
14	1.44	1.47	1.67	1.63	1.65	1.65	1.67	1.64	1.62	1.62	1.62	1.61	
15	1.43	1.94	1.63	1.63	1.63	1.68	1.56	1.64	1.62	1.62	1.62	1.61	
16	1.38	1.65	1.60	1.63	1.65	2.32	1.32	1.62	1.62	1.62	1.62	1.60	
17	1.37	1.48	1.60	1.63	1.80	1.84	1.40	1.62	1.62	1.62	1.63	1.60	
18	1.36	1.50	1.60	1.63	1.69	1.67	1.63	1.62	1.62	1.62	1.63	1.61	
19	1.35	1.50	1.59	1.63	0.80	1.89	1.62	1.64	1.62	1.62	1.64	1.59	
20	1.34	1.50	1.59	1.63	1.60	2.12	1.50	1.64	1.62	1.62	1.65	1.62	
21	1.32	0.70	0.70	1.63	1.63	1.79	1.29	1.65	1.62	1.61	1.65	1.18	
22	1.30	0.70	0.68	1.63	1.63	1.74	1.12	1.65	1.62	1.57	1.65	1.16	
23	1.26	0.65	0.73	1.63	1.65	1.69	1.10	1.65	1.62	1.41	1.65	1.16	
24	1.25	0.63	0.85	1.76	1.87	1.68	1.01	1.65	1.62	1.25	1.65	1.16	
25	1.22	0.63	1.18	1.67	1.90	1.67	1.00	1.65	1.62	1.15	1.65	1.13	
26	1.26	0.63	1.75	1.67	1.87	1.76	0.95	1.64	1.62	1.15	1.65	1.13	
27	1.29	1.37	1.94	1.63	1.72	1.74	0.88	1.64	1.62	1.23	1.65	1.13	
28	1.29	0.70	1.81	1.63	1.72	1.78	0.85	1.64	1.62	1.39	1.65	1.14	
29	1.28	0.75	1.65	1.63	1.95	1.74	0.85	1.64	1.62	1.62	1.65	1.15	
30	1.27	0.75	1.55	1.63	1.80	1.68	0.85	1.64	1.62	1.64	1.64	1.15	
31		0.75		1.63	1.93		0.85		1.62	1.63		1.19	
Mean	1.42	1.18	1.28	1.58	1.64	1.78	1.36	1.54	1.63	1.54	1.62	1.45	
Max	1.59	1.94	1.94	1.76	2.15	2.32	1.96	1.66	1.64	1.64	1.66	1.65	2.32
Min	1.22	0.63	0.67	0.81	0.80	1.65	0.85	0.83	1.62	1.15	1.08	1.13	0.63
Annual Max Momentary Gage Height	2.50	m. (A.D.) ,			at 12.00 Hours , on Sep 16, 2007								
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,			River Bed	-0.85	m. (A.D.)						
Left Bank Elevation	8.82	m. (A.D.) ,											
Right Bank Elevation	8.30	m. (A.D.) ,			Drainage Are	229	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.38	0.81	4.64	1.03	4.88	5.80	4.80	1.24	4.72	4.56	4.88	4.80	
2	1.38	2.65	4.64	1.03	4.96	5.30	1.90	1.15	4.72	3.28	4.88	4.80	
3	1.38	3.22	4.40	4.64	4.96	6.85	1.90	1.09	4.72	3.98	1.84	4.64	
4	1.36	3.91	0.80	4.64	4.80	5.30	1.66	1.09	4.72	4.56	3.91	4.40	
5	1.36	1.00	0.80	4.64	4.64	7.50	8.46	4.72	4.72	4.12	4.64	4.40	
6	1.36	1.21	0.86	4.64	4.64	6.33	7.82	4.88	4.72	4.56	4.64	4.40	
7	1.34	5.12	0.80	4.64	4.64	5.70	5.50	4.80	4.64	4.56	4.64	4.48	
8	1.32	2.48	0.76	4.64	4.72	7.11	5.30	4.80	4.64	4.56	4.64	4.56	
9	1.32	1.90	0.76	4.64	11.75	6.00	5.12	4.80	4.64	4.56	4.64	4.56	
10	1.30	1.75	0.74	4.64	6.00	5.60	5.04	4.80	4.64	4.56	4.64	4.56	
11	1.22	5.50	3.77	4.64	4.72	4.96	7.11	4.80	4.64	4.56	4.64	4.56	
12	1.14	5.12	3.91	4.64	1.27	5.04	5.20	4.80	4.56	4.56	4.64	4.56	
13	1.12	4.64	4.80	4.64	1.18	4.80	4.72	4.80	4.56	4.56	4.56	4.56	
14	1.08	3.52	4.96	4.64	4.80	4.80	4.96	4.72	4.56	4.56	4.56	4.48	
15	1.06	8.14	4.64	4.64	4.64	5.04	4.12	4.72	4.56	4.56	4.56	4.48	
16	0.97	4.80	4.40	4.64	4.80	15.22	2.70	4.56	4.56	4.56	4.56	4.40	
17	0.96	3.58	4.40	4.64	6.20	6.72	3.10	4.56	4.56	4.56	4.64	4.40	
18	0.94	3.70	4.40	4.64	5.12	4.96	4.64	4.56	4.56	4.56	4.64	4.48	
19	0.93	3.70	4.33	4.64	1.00	7.37	4.56	4.72	4.56	4.56	4.72	4.33	
20	0.91	3.70	4.33	4.64	4.40	11.18	3.70	4.72	4.56	4.56	4.80	4.56	
21	0.88	0.80	0.80	4.64	4.64	6.10	2.56	4.80	4.56	4.48	4.80	2.14	
22	0.85	0.80	0.76	4.64	4.64	5.60	1.96	4.80	4.56	4.19	4.80	2.08	
23	0.79	0.70	0.86	4.64	4.80	5.12	1.90	4.80	4.56	3.16	4.80	2.08	
24	0.78	0.66	1.15	5.80	7.11	5.04	1.63	4.80	4.56	2.40	4.80	2.08	
25	0.73	0.66	2.14	4.96	7.50	4.96	1.60	4.80	4.56	2.05	4.80	1.99	
26	0.79	0.66	5.70	4.96	7.11	5.80	1.45	4.72	4.56	2.05	4.80	1.99	
27	0.84	2.95	8.14	4.64	5.40	5.60	1.24	4.72	4.56	2.32	4.80	1.99	
28	0.84	0.80	6.33	4.64	5.40	6.00	1.15	4.72	4.56	3.05	4.80	2.02	
29	0.82	0.90	4.80	4.64	8.30	5.60	1.15	4.72	4.56	4.56	4.80	2.05	
30	0.81	0.90	4.05	4.64	6.20	5.04	1.15	4.72	4.56	4.72		2.05	
31		0.90		4.64	7.98		1.15		4.56	4.64		2.17	
Total	31.96	81.18	97.87	138.42	163.20	186.44	109.25	127.93	142.72	126.52	132.87	113.05	1451.41 CMSDAY
Mean	1.07	2.62	3.26	4.47	5.26	6.21	3.52	4.26	4.60	4.08	4.58	3.65	3.97 CMS
Max	1.38	8.14	8.14	5.80	11.75	15.22	8.46	4.88	4.72	4.72	4.88	4.80	15.22 CMS
Min	0.73	0.66	0.74	1.03	1.00	4.80	1.15	1.09	4.56	2.05	1.84	1.99	0.66 CMS
Runoff	2.76	7.01	8.46	11.96	14.10	16.11	9.44	11.05	12.33	10.93	11.48	9.77	125.40 MCM
Momentary Peak	19.10	CMS.	at 2.50 m. (A.D.)	at 12.00 Hours ,	on Sep 16, 2007								
Runoff Yield	17.36	Liters/Second/Square KM.		Momentary Peak Yield	83.41	Liters/Second/Square KM.							

WATER YEAR : 2007

Yom RIVER BASIN

Huai Mae Hu at Ban Mae Hu , Sukhothai (Y.29)

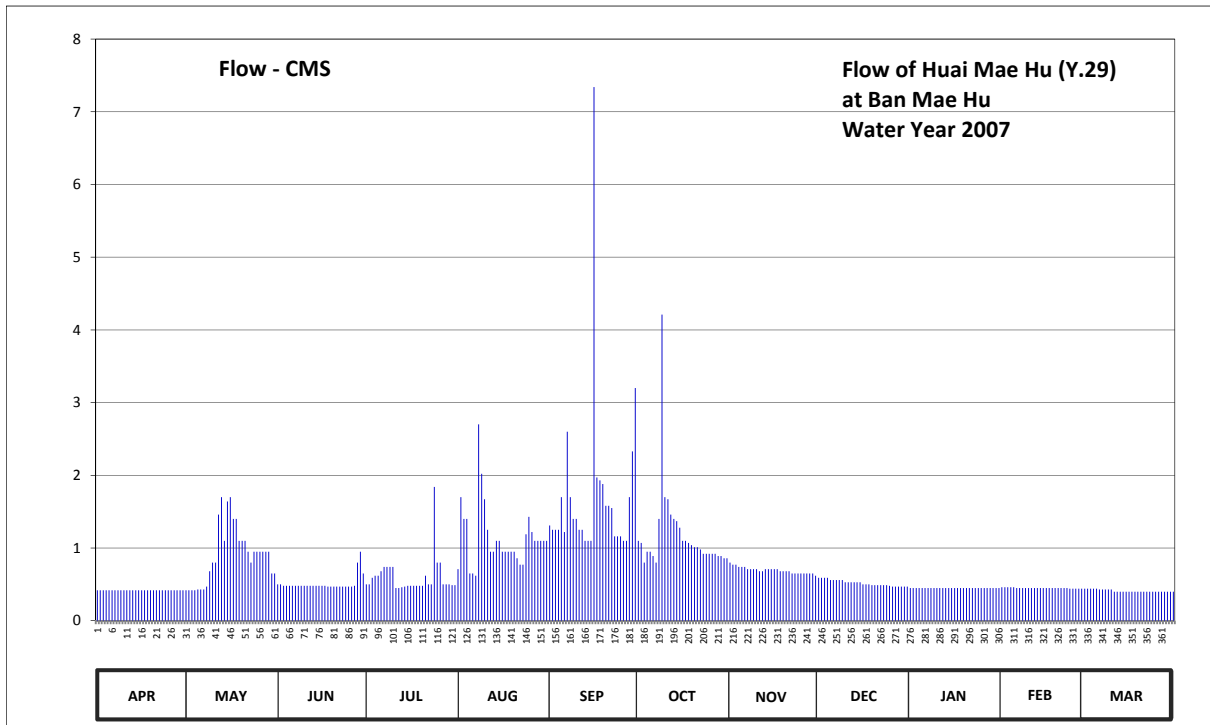
Lat 17 - 42 - 09 N Long 99 - 44 - 25 E

Location : on left bank at Ban Mae Hu.

	Ban	Mae Hu	Amphoe	Si Satchanalai	Changwat	Sukhothai
Drainage Area	57	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	+5.000 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	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 good. Stage-discharge relation defined by 14 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	0.24	0.40	0.40	0.47	0.67	0.60	0.50	0.43	0.29	0.31	0.27	
2	0.24	0.24	0.40	0.40	0.80	0.65	0.59	0.49	0.43	0.29	0.31	0.27	
3	0.24	0.24	0.35	0.43	0.70	0.65	0.50	0.49	0.43	0.29	0.31	0.27	
4	0.24	0.24	0.35	0.44	0.70	0.65	0.55	0.48	0.43	0.29	0.31	0.27	
5	0.24	0.25	0.35	0.44	0.45	0.80	0.55	0.48	0.42	0.29	0.31	0.27	
6	0.24	0.25	0.35	0.46	0.45	0.64	0.53	0.48	0.42	0.29	0.30	0.26	
7	0.24	0.25	0.35	0.48	0.44	1.00	0.50	0.47	0.42	0.29	0.30	0.26	
8	0.24	0.33	0.35	0.48	1.02	0.80	0.70	0.47	0.42	0.29	0.30	0.26	
9	0.24	0.46	0.35	0.48	0.87	0.70	1.31	0.47	0.42	0.29	0.30	0.26	
10	0.24	0.50	0.35	0.48	0.79	0.70	0.80	0.47	0.41	0.29	0.30	0.26	
11	0.24	0.50	0.35	0.30	0.65	0.65	0.79	0.46	0.41	0.29	0.30	0.20	
12	0.24	0.72	0.35	0.30	0.55	0.65	0.72	0.46	0.41	0.29	0.30	0.20	
13	0.24	0.80	0.35	0.32	0.55	0.60	0.70	0.47	0.41	0.29	0.30	0.20	
14	0.24	0.60	0.35	0.34	0.60	0.60	0.69	0.47	0.41	0.29	0.30	0.20	
15	0.24	0.78	0.35	0.36	0.60	0.60	0.66	0.47	0.41	0.29	0.30	0.20	
16	0.24	0.80	0.35	0.36	0.55	1.82	0.60	0.47	0.40	0.29	0.30	0.20	
17	0.24	0.70	0.35	0.36	0.55	0.86	0.60	0.47	0.40	0.29	0.30	0.20	
18	0.24	0.70	0.34	0.36	0.55	0.85	0.59	0.46	0.39	0.29	0.30	0.20	
19	0.24	0.60	0.34	0.36	0.55	0.84	0.58	0.46	0.38	0.29	0.30	0.20	
20	0.24	0.60	0.34	0.36	0.55	0.76	0.57	0.46	0.38	0.29	0.30	0.20	
21	0.24	0.60	0.34	0.44	0.52	0.76	0.57	0.46	0.38	0.30	0.29	0.20	
22	0.24	0.55	0.34	0.40	0.49	0.75	0.56	0.45	0.38	0.30	0.29	0.20	
23	0.24	0.50	0.34	0.40	0.49	0.62	0.54	0.45	0.37	0.30	0.29	0.20	
24	0.24	0.55	0.33	0.83	0.63	0.62	0.54	0.45	0.37	0.30	0.28	0.20	
25	0.24	0.55	0.33	0.50	0.71	0.62	0.54	0.45	0.36	0.30	0.28	0.20	
26	0.24	0.55	0.33	0.50	0.64	0.60	0.54	0.45	0.34	0.30	0.28	0.20	
27	0.24	0.55	0.35	0.40	0.60	0.60	0.54	0.45	0.33	0.30	0.28	0.20	
28	0.24	0.55	0.50	0.40	0.60	0.80	0.53	0.45	0.33	0.30	0.28	0.20	
29	0.24	0.55	0.55	0.40	0.60	0.94	0.53	0.45	0.33	0.30	0.28	0.20	
30	0.24	0.45	0.45	0.38	0.60	1.12	0.52	0.44	0.34	0.30	0.28	0.20	
31		0.45		0.38	0.60		0.52		0.34	0.30		0.20	
Mean	0.24	0.50	0.36	0.42	0.61	0.76	0.61	0.46	0.39	0.29	0.30	0.22	
Max	0.24	0.80	0.55	0.83	1.02	1.82	1.31	0.50	0.43	0.30	0.31	0.27	1.82
Min	0.24	0.24	0.33	0.30	0.44	0.60	0.50	0.44	0.33	0.29	0.28	0.20	0.20
Annual Max Momentary Gage Height	2.00	m. (A.D.) , at 06.00 Hours , on Sep 16, 2007											
Zero Gage at Bottom Elevation	0.00	m. (A.D.) , River Bed -0.29 m. (A.D.)											
Left Bank Elevation	2.81	m. (A.D.) ,											
Right Bank Elevation	2.91	m. (A.D.) , Drainage Are 57 Square Kilometers											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.42	0.42	0.50	0.50	0.71	1.31	1.10	0.80	0.59	0.45	0.46	0.44	
2	0.42	0.42	0.50	0.50	1.70	1.25	1.07	0.77	0.59	0.45	0.46	0.44	
3	0.42	0.42	0.48	0.59	1.40	1.25	0.80	0.77	0.59	0.45	0.46	0.44	
4	0.42	0.42	0.48	0.62	1.40	1.25	0.95	0.74	0.59	0.45	0.46	0.44	
5	0.42	0.43	0.48	0.62	0.65	1.70	0.95	0.74	0.56	0.45	0.46	0.44	
6	0.42	0.43	0.48	0.68	0.65	1.22	0.89	0.74	0.56	0.45	0.45	0.43	
7	0.42	0.43	0.48	0.74	0.62	2.60	0.80	0.71	0.56	0.45	0.45	0.43	
8	0.42	0.47	0.48	0.74	2.70	1.70	1.40	0.71	0.56	0.45	0.45	0.43	
9	0.42	0.68	0.48	0.74	2.02	1.40	4.21	0.71	0.56	0.45	0.45	0.43	
10	0.42	0.80	0.48	0.74	1.67	1.40	1.70	0.71	0.53	0.45	0.45	0.43	
11	0.42	0.80	0.48	0.45	1.25	1.25	1.67	0.68	0.53	0.45	0.45	0.40	
12	0.42	1.46	0.48	0.45	0.95	1.25	1.46	0.68	0.53	0.45	0.45	0.40	
13	0.42	1.70	0.48	0.46	0.95	1.10	1.40	0.71	0.53	0.45	0.45	0.40	
14	0.42	1.10	0.48	0.47	1.10	1.10	1.37	0.71	0.53	0.45	0.45	0.40	
15	0.42	1.64	0.48	0.48	1.10	1.10	1.28	0.71	0.53	0.45	0.45	0.40	
16	0.42	1.70	0.48	0.48	0.95	7.34	1.10	0.71	0.50	0.45	0.45	0.40	
17	0.42	1.40	0.48	0.48	0.95	1.97	1.10	0.71	0.50	0.45	0.45	0.40	
18	0.42	1.40	0.47	0.48	0.95	1.93	1.07	0.68	0.50	0.45	0.45	0.40	
19	0.42	1.10	0.47	0.48	0.95	1.88	1.04	0.68	0.49	0.45	0.45	0.40	
20	0.42	1.10	0.47	0.48	0.95	1.58	1.01	0.68	0.49	0.45	0.45	0.40	
21	0.42	1.10	0.47	0.62	0.86	1.58	1.01	0.68	0.49	0.45	0.45	0.40	
22	0.42	0.95	0.47	0.50	0.77	1.55	0.98	0.65	0.49	0.45	0.45	0.40	
23	0.42	0.80	0.47	0.50	0.77	1.16	0.92	0.65	0.49	0.45	0.45	0.40	
24	0.42	0.95	0.47	1.84	1.19	1.16	0.92	0.65	0.49	0.45	0.44	0.40	
25	0.42	0.95	0.47	0.80	1.43	1.16	0.92	0.65	0.48	0.45	0.44	0.40	
26	0.42	0.95	0.47	0.80	1.22	1.10	0.92	0.65	0.47	0.45	0.44	0.40	
27	0.42	0.95	0.48	0.50	1.10	1.10	0.92	0.65	0.47	0.45	0.44	0.40	
28	0.42	0.95	0.80	0.50	1.10	1.70	0.89	0.65	0.47	0.45	0.44	0.40	
29	0.42	0.95	0.95	0.50	1.10	2.33	0.89	0.65	0.47	0.45	0.44	0.40	
30	0.42	0.65	0.65	0.49	1.10	3.20	0.86	0.62	0.47	0.45		0.40	
31		0.65		0.49	1.10		0.86		0.47	0.45		0.40	
Total	12.60	28.17	15.31	18.72	35.36	51.62	36.46	20.85	16.08	13.95	13.04	12.75	274.91 CMSDAY
Mean	0.42	0.91	0.51	0.60	1.14	1.72	1.18	0.69	0.52	0.45	0.45	0.41	0.75 CMS
Max	0.42	1.70	0.95	1.84	2.70	7.34	4.21	0.80	0.59	0.45	0.46	0.44	7.34 CMS
Min	0.42	0.42	0.47	0.45	0.62	1.10	0.80	0.62	0.47	0.45	0.44	0.40	0.40 CMS
Runoff	1.09	2.43	1.32	1.62	3.06	4.46	3.15	1.80	1.39	1.21	1.13	1.10	23.75 MCM
Momentary Peak	8.60 CMS. at 2.00 m. (A.D.) at 06.00 Hours , on Sep 16, 2007												
Runoff Yield	13.21 Liters/Second/Square KM.			Momentary Peak Yield			150.88 Liters/Second/Square KM.						

WATER YEAR : 2007

YOM RIVER BASIN

Hual Pong at Ban Pong , Lampang (Y.30)

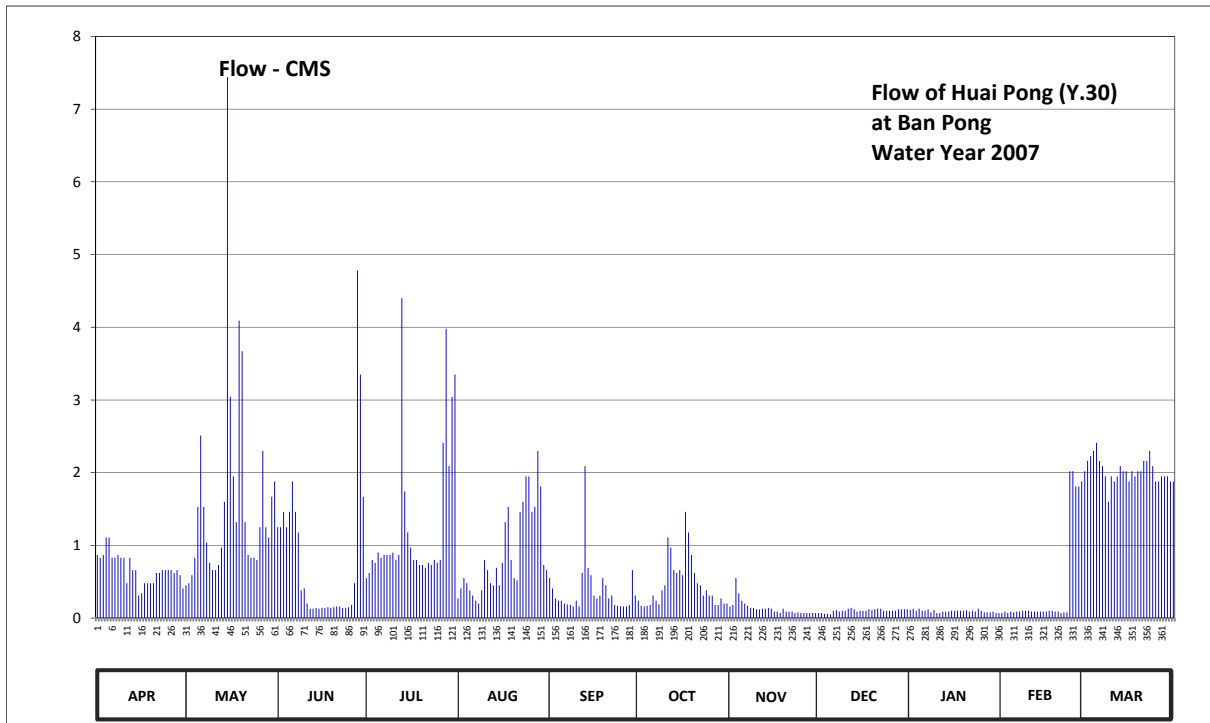
Lat 18 - 42 - 29 N Long 99 - 57 - 40 E

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 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	266.19	266.07	266.25	266.10	266.02	266.10	266.01	265.96	265.83	265.91	265.84	266.36	
2	266.18	266.08	266.25	266.12	266.06	266.06	265.97	265.98	265.83	265.93	265.87	266.38	
3	266.19	266.11	266.28	266.17	266.10	266.02	265.96	266.10	265.82	265.90	265.84	266.39	
4	266.23	266.18	266.25	266.16	266.08	266.01	265.97	266.04	265.82	265.93	265.87	266.40	
5	266.23	266.29	266.28	266.20	266.05	266.01	265.98	266.01	265.80	265.89	265.86	266.41	
6	266.18	266.42	266.34	266.18	266.03	266.00	266.03	266.00	265.90	265.90	265.88	266.38	
7	266.18	266.29	266.28	266.19	266.01	265.99	266.01	265.97	265.91	265.92	265.87	266.37	
8	266.19	266.22	266.24	266.19	266.00	265.98	265.99	265.94	265.87	265.86	265.89	266.35	
9	266.18	266.16	266.05	266.19	266.05	265.96	266.05	265.94	265.90	265.91	265.90	266.30	
10	266.18	266.13	266.06	266.20	266.17	266.01	266.07	265.92	265.89	265.84	265.89	266.35	
11	266.08	266.13	266.00	266.17	266.13	265.96	266.23	265.92	265.93	265.83	265.87	266.34	
12	266.18	266.15	265.93	266.19	266.08	266.12	266.21	265.93	265.94	265.88	265.88	266.35	
13	266.13	266.21	265.93	266.60	266.07	266.37	266.13	265.93	265.92	265.88	265.88	266.37	
14	266.13	266.30	265.94	266.32	266.14	266.14	266.12	265.94	265.88	265.87	265.87	266.36	
15	266.03	266.84	265.93	266.24	266.07	266.11	266.13	265.93	265.89	265.89	265.88	266.36	
16	266.04	266.47	265.94	266.21	266.16	266.03	266.11	265.88	265.90	265.89	265.88	266.34	
17	266.08	266.35	265.94	266.17	266.26	266.02	266.28	265.87	265.89	265.89	265.89	266.36	
18	266.08	266.26	265.95	266.17	266.29	266.03	266.24	265.83	265.92	265.90	265.89	266.35	
19	266.08	266.57	265.94	266.15	266.17	266.10	266.19	265.93	265.91	265.90	265.88	266.36	
20	266.08	266.53	265.95	266.15	266.10	266.07	266.12	265.87	265.92	265.91	265.88	266.36	
21	266.12	266.26	265.96	266.14	266.09	266.02	266.08	265.88	265.93	265.88	265.84	266.38	
22	266.12	266.19	265.96	266.16	266.28	266.03	266.07	265.87	265.93	265.89	265.86	266.38	
23	266.13	266.18	265.94	266.15	266.30	265.98	266.03	265.84	265.89	265.88	265.86	266.40	
24	266.13	266.18	265.94	266.17	266.35	265.97	266.05	265.86	265.89	265.93	266.36	266.37	
25	266.13	266.17	265.95	266.16	266.35	265.96	266.03	265.84	265.89	265.90	266.36	266.34	
26	266.13	266.25	265.98	266.17	266.28	265.96	266.03	265.84	265.89	265.85	266.33	266.34	
27	266.12	266.40	266.08	266.41	266.29	265.96	265.98	265.84	265.90	265.85	266.33	266.35	
28	266.13	266.25	266.63	266.56	266.40	265.98	265.98	265.84	265.92	265.86	266.34	266.35	
29	266.11	266.23	266.50	266.37	266.33	266.13	266.02	265.84	265.92	265.88	266.36	266.35	
30	266.06	266.31	266.31	266.47	266.15	266.03	266.00	265.84	265.92	265.84	266.34	266.34	
31		266.34		266.50	266.13		266.00		265.92	265.84		266.34	
Mean	266.13	266.27	266.10	266.24	266.16	266.04	266.07	265.91	265.89	265.88	265.97	266.36	
Max	266.23	266.84	266.63	266.60	266.40	266.37	266.28	266.10	265.94	265.93	266.36	266.41	266.84
Min	266.03	266.07	265.93	266.10	266.00	265.96	265.96	265.83	265.80	265.83	265.84	266.30	265.80
Annual Max Momentary Gage Height	266.93		m. (MSL.) ,				at 18.00 Hours ,						on Aug 28, 2007
Zero Gage at Bottom Elevation	265.63		m. (MSL.) ,			River Bed	265.62		m. (MSL.)				
Left Bank Elevation		273.87		m. (MSL.) ,									
Right Bank Elevation		273.87		m. (MSL.) ,		Drainage Are	325		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual			
1	0.87	0.45	1.25	0.55	0.27	0.55	0.24	0.16	0.07	0.11	0.07	2.02				
2	0.83	0.48	1.25	0.62	0.41	0.41	0.17	0.18	0.07	0.13	0.09	2.16				
3	0.87	0.59	1.46	0.80	0.55	0.27	0.16	0.55	0.06	0.10	0.07	2.23				
4	1.11	0.83	1.25	0.76	0.48	0.24	0.17	0.34	0.06	0.13	0.09	2.30				
5	1.11	1.53	1.46	0.90	0.38	0.24	0.18	0.24	0.05	0.10	0.08	2.41				
6	0.83	2.51	1.88	0.83	0.31	0.20	0.31	0.20	0.10	0.10	0.09	2.16				
7	0.83	1.53	1.46	0.87	0.24	0.19	0.24	0.17	0.11	0.12	0.09	2.09				
8	0.87	1.04	1.18	0.87	0.20	0.18	0.19	0.14	0.09	0.08	0.10	1.95				
9	0.83	0.76	0.38	0.87	0.38	0.16	0.38	0.14	0.10	0.11	0.10	1.60				
10	0.83	0.66	0.41	0.90	0.80	0.24	0.45	0.12	0.10	0.07	0.10	1.95				
11	0.48	0.66	0.20	0.80	0.66	0.16	1.11	0.12	0.13	0.07	0.09	1.88				
12	0.83	0.73	0.13	0.87	0.48	0.62	0.97	0.13	0.14	0.09	0.09	1.95				
13	0.66	0.97	0.13	4.40	0.45	2.09	0.66	0.13	0.12	0.09	0.09	2.09				
14	0.66	1.60	0.14	1.74	0.69	0.69	0.62	0.14	0.09	0.09	0.09	2.02				
15	0.31	7.44	0.13	1.18	0.45	0.59	0.66	0.13	0.10	0.10	0.09	2.02				
16	0.34	3.04	0.14	0.97	0.76	0.31	0.59	0.09	0.10	0.10	0.09	1.88				
17	0.48	1.95	0.14	0.80	1.32	0.27	1.46	0.09	0.10	0.10	0.10	2.02				
18	0.48	1.32	0.15	0.80	1.53	0.31	1.18	0.07	0.12	0.10	0.10	1.95				
19	0.48	4.09	0.14	0.73	0.80	0.55	0.87	0.13	0.11	0.10	0.09	2.02				
20	0.48	3.67	0.15	0.73	0.55	0.45	0.62	0.09	0.12	0.11	0.09	2.02				
21	0.62	1.32	0.16	0.69	0.52	0.27	0.48	0.09	0.13	0.09	0.07	2.16				
22	0.62	0.87	0.16	0.76	1.46	0.31	0.45	0.09	0.13	0.10	0.08	2.16				
23	0.66	0.83	0.14	0.73	1.60	0.18	0.31	0.07	0.10	0.09	0.08	2.30				
24	0.66	0.83	0.14	0.80	1.95	0.17	0.38	0.08	0.10	0.13	2.02	2.09				
25	0.66	0.80	0.15	0.76	1.95	0.16	0.31	0.07	0.10	0.10	2.02	1.88				
26	0.66	1.25	0.18	0.80	1.46	0.16	0.31	0.07	0.10	0.08	1.81	1.88				
27	0.62	2.30	0.48	2.41	1.53	0.16	0.18	0.07	0.10	0.08	1.81	1.95				
28	0.66	1.25	4.78	3.98	2.30	0.18	0.18	0.07	0.12	0.08	1.88	1.95				
29	0.59	1.11	3.35	2.09	1.81	0.66	0.27	0.07	0.12	0.09	2.02	1.95				
30	0.41	1.67	1.67	3.04	0.73	0.31	0.20	0.07	0.12	0.07		1.88				
31		1.88		3.35	0.66		0.20		0.12	0.07		1.88				
Total	20.34	49.96	24.64	40.40	27.68	11.28	14.50	4.11	3.18	2.98	13.59	62.80	275.46 CMSDAY			
Mean	0.68	1.61	0.82	1.30	0.89	0.38	0.47	0.14	0.10	0.10	0.47	2.03	0.75 CMS			
Max	1.11	7.44	4.78	4.40	2.30	2.09	1.46	0.55	0.14	0.13	2.02	2.41	7.44 CMS			
Min	0.31	0.45	0.13	0.55	0.20	0.16	0.16	0.07	0.05	0.07	0.07	1.60	0.05 CMS			
Runoff	1.76	4.32	2.13	3.49	2.39	0.97	1.25	0.36	0.27	0.26	1.17	5.43	23.80 MCM			
Momentary Peak	8.65	CMS. at 266.93 m. (MSL.) at 18.00 Hours , on Aug 28, 2007														
Runoff Yield	2.32	Liters/Second/Square KM.											Momentary Peak Yield	26.62	Liters/Second/Square KM.	

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Thung Nong , Phayao (Y.31)

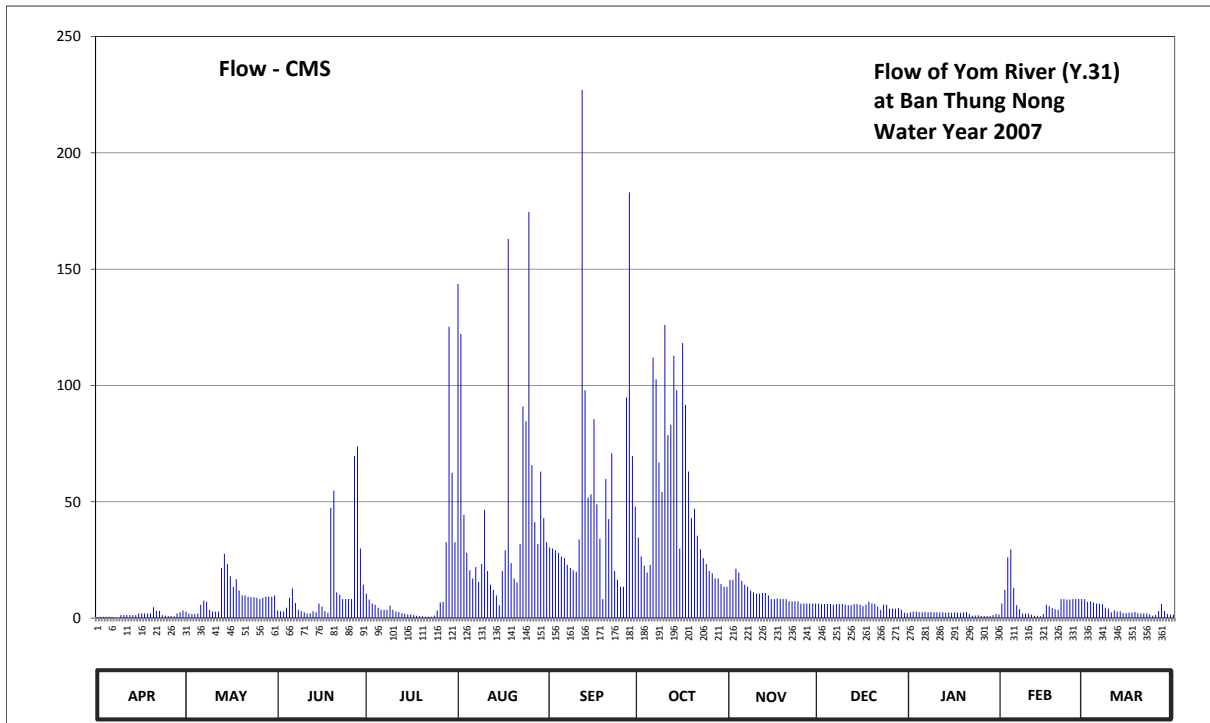
Lat 18 - 57 - 28 N Long 100 - 15 - 58 E

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 fair. Flow effected by the islet about 200 meters downstream from the gage site. Stage-discharge relation defined by 15 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	257.57	257.85	257.88	258.19	260.56	258.80	258.91	258.40	258.02	257.83	258.02	258.10	
2	257.59	257.79	257.86	258.09	260.35	258.79	258.70	258.40	258.01	257.85	258.25	258.05	
3	257.59	257.78	257.85	258.02	259.14	258.77	258.59	258.55	258.01	257.85	258.69	258.06	
4	257.58	257.77	257.94	258.00	258.74	258.74	258.50	258.50	258.01	257.84	258.78	258.04	
5	257.58	257.80	258.12	257.94	258.53	258.70	258.60	258.39	258.01	257.83	258.28	258.02	
6	257.55	258.00	258.27	257.90	258.42	258.68	260.22	258.33	258.00	257.84	257.99	258.02	
7	257.40	258.07	258.03	257.90	258.57	258.60	260.10	258.30	258.01	257.83	257.91	258.01	
8	257.35	258.05	257.90	257.90	258.37	258.56	259.59	258.24	258.01	257.84	257.80	257.94	
9	257.73	257.90	257.86	257.98	258.61	258.53	259.35	258.21	258.01	257.83	257.79	257.92	
10	257.73	257.85	257.83	257.90	259.19	258.51	260.40	258.19	258.00	257.83	257.79	257.83	
11	257.73	257.85	257.80	257.85	258.52	258.89	259.79	258.19	257.99	257.83	257.75	257.88	
12	257.73	257.85	257.80	257.84	258.33	261.25	259.85	258.20	257.99	257.83	257.70	257.85	
13	257.73	258.56	257.86	257.81	258.25	260.04	260.23	258.20	258.01	257.82	257.70	257.86	
14	257.73	258.73	257.83	257.79	258.16	259.30	260.04	258.16	258.01	257.82	257.66	257.81	
15	257.80	258.61	258.02	257.76	257.99	259.33	258.79	258.10	258.00	257.82	257.78	257.81	
16	257.80	258.45	257.96	257.76	258.52	259.88	260.30	258.10	257.97	257.83	258.00	257.82	
17	257.80	258.30	257.86	257.73	258.77	259.24	259.96	258.11	258.00	257.82	257.97	257.82	
18	257.80	258.41	257.82	257.70	260.73	258.90	259.52	258.10	258.05	257.82	257.93	257.84	
19	257.80	258.24	259.21	257.68	258.62	258.10	259.11	258.10	258.02	257.83	257.91	257.81	
20	257.95	258.16	259.36	257.65	258.42	259.46	259.20	258.10	258.01	257.84	257.90	257.80	
21	257.87	258.16	258.21	257.60	258.36	259.10	258.93	258.06	257.96	257.78	258.10	257.80	
22	257.87	258.14	258.17	257.60	258.84	259.66	258.78	258.06	257.90	257.70	258.10	257.80	
23	257.73	258.13	258.10	257.60	259.95	258.52	258.68	258.06	258.00	257.71	258.09	257.76	
24	257.70	258.13	258.10	257.71	259.87	258.40	258.61	258.06	258.00	257.72	258.09	257.70	
25	257.69	258.12	258.10	257.88	260.83	258.30	258.52	258.02	257.92	257.69	258.10	257.74	
26	257.68	258.10	258.10	258.04	259.57	258.30	258.49	258.02	257.92	257.68	258.10	257.87	
27	257.65	258.12	259.64	258.05	259.07	260.00	258.42	258.02	257.92	257.68	258.10	258.01	
28	257.80	258.14	259.71	258.86	258.84	260.90	258.42	258.02	257.93	257.69	258.10	257.86	
29	257.83	258.14	258.79	260.39	259.52	259.64	258.34	258.02	257.90	257.73	258.13	257.78	
30	257.88	258.14	258.33	259.51	259.11	259.22	258.30	258.02	257.82	257.77	257.75	257.75	
31		258.16		258.86	258.86		258.30		257.81	257.76		257.75	
Mean	257.71	258.11	258.21	258.05	259.02	259.10	259.15	258.17	257.97	257.79	258.02	257.87	
Max	257.95	258.73	259.71	260.39	260.83	261.25	260.40	258.55	258.05	257.85	258.78	258.10	261.25
Min	257.35	257.77	257.80	257.60	257.99	258.10	258.30	258.02	257.81	257.68	257.66	257.70	257.35
Annual Max Momentary Gage Height	261.40		m. (MSL.) ,										at 06.00 Hours , on Sep 12, 2007
Zero Gage at Bottom Elevation	257.00		m. (MSL.) ,				River Bed	253.46		m. (MSL.)			
Left Bank Elevation		267.38		m. (MSL.) ,									
Right Bank Elevation		267.29		m. (MSL.) ,			Drainage Are	1,981		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.51	2.80	3.28	10.54	143.60	30.30	34.61	16.40	6.28	2.48	6.28	8.20	
2	0.57	1.90	2.96	7.96	122.10	29.92	26.50	16.40	6.04	2.80	12.15	7.00	
3	0.57	1.80	2.80	6.28	44.33	29.16	22.57	21.25	6.04	2.80	26.14	7.24	
4	0.54	1.70	4.48	5.80	28.02	28.02	19.60	19.60	6.04	2.64	29.54	6.76	
5	0.54	2.00	8.72	4.48	20.59	26.50	22.90	16.11	6.04	2.48	12.96	6.28	
6	0.45	5.80	12.69	3.60	17.04	25.78	111.96	14.37	5.80	2.64	5.58	6.28	
7	0.20	7.48	6.52	3.60	21.91	22.90	102.60	13.50	6.04	2.48	3.82	6.04	
8	0.15	7.00	3.60	3.60	15.53	21.58	66.85	11.88	6.04	2.64	2.00	4.48	
9	1.30	3.60	2.96	5.36	23.26	20.59	54.20	11.07	6.04	2.48	1.90	4.04	
10	1.30	2.80	2.48	3.60	46.56	19.93	126.00	10.54	5.80	2.48	1.90	2.48	
11	1.30	2.80	2.00	2.80	20.26	33.81	78.60	10.54	5.58	2.48	1.50	3.28	
12	1.30	2.80	2.00	2.64	14.37	227.00	83.10	10.80	5.58	2.48	1.00	2.80	
13	1.30	21.58	2.96	2.16	12.15	97.92	112.74	10.80	6.04	2.32	1.00	2.96	
14	1.30	27.64	2.48	1.90	9.76	51.70	97.92	9.76	6.04	2.32	0.84	2.16	
15	2.00	23.26	6.28	1.60	5.58	53.20	29.92	8.20	5.80	2.32	1.80	2.16	
16	2.00	18.00	4.92	1.60	20.26	85.44	118.20	8.20	5.14	2.48	5.80	2.32	
17	2.00	13.50	2.96	1.30	29.16	48.88	91.68	8.46	5.80	2.32	5.14	2.32	
18	2.00	16.72	2.32	1.00	162.95	34.20	63.00	8.20	7.00	2.32	4.26	2.64	
19	2.00	11.88	47.47	0.92	23.62	8.20	43.00	8.20	6.28	2.48	3.82	2.16	
20	4.70	9.76	54.70	0.80	17.04	59.82	47.00	8.20	6.04	2.64	3.60	2.00	
21	3.12	9.76	11.07	0.60	15.24	42.55	35.43	7.24	4.92	1.80	8.20	2.00	
22	3.12	9.24	10.02	0.60	31.86	70.88	29.54	7.24	3.60	1.00	8.20	2.00	
23	1.30	8.98	8.20	0.60	90.90	20.26	25.78	7.24	5.80	1.10	7.96	1.60	
24	1.00	8.98	8.20	1.10	84.66	16.40	23.26	7.24	5.80	1.20	7.96	1.00	
25	0.96	8.72	8.20	3.28	174.60	13.50	20.26	6.28	4.04	0.96	8.20	1.40	
26	0.92	8.20	8.20	6.76	65.75	13.50	19.28	6.28	4.04	0.92	8.20	3.12	
27	0.80	8.72	69.72	7.00	41.28	94.80	17.04	6.28	4.04	0.92	8.20	6.04	
28	2.00	9.24	73.80	32.64	31.86	183.00	17.04	6.28	4.26	0.96	8.20	2.96	
29	2.48	9.24	29.92	125.22	63.00	69.72	14.66	6.28	3.60	1.30	8.98	1.80	
30	3.28	9.24	14.37	62.45	43.00	47.94	13.50	6.28	2.32	1.70		1.50	
31		9.76		32.64	32.64		13.50		2.16	1.60		1.50	
Total	45.01	284.90	420.28	344.43	1472.88	1527.40	1582.24	309.12	164.04	63.54	205.13	108.52	6527.49 CMSDAY
Mean	1.50	9.19	14.01	11.11	47.51	50.91	51.04	10.30	5.29	2.05	7.07	3.50	17.83 CMS
Max	4.70	27.64	73.80	125.22	174.60	227.00	126.00	21.25	7.00	2.80	29.54	8.20	227.00 CMS
Min	0.15	1.70	2.00	0.60	5.58	8.20	13.50	6.28	2.16	0.92	0.84	1.00	0.15 CMS
Runoff	3.89	24.62	36.31	29.76	127.26	131.97	136.71	26.71	14.17	5.49	17.72	9.38	563.98 MCM
Momentary Peak	247.00 CMS. at 261.40 m. (MSL.) at 06.00 Hours , on Sep 12, 2007												
Runoff Yield	9.03 Liters/Second/Square KM.			Momentary Peak Yield				124.68 Liters/Second/Square KM.					

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Khlong Tan , Sukhothai (Y.33)

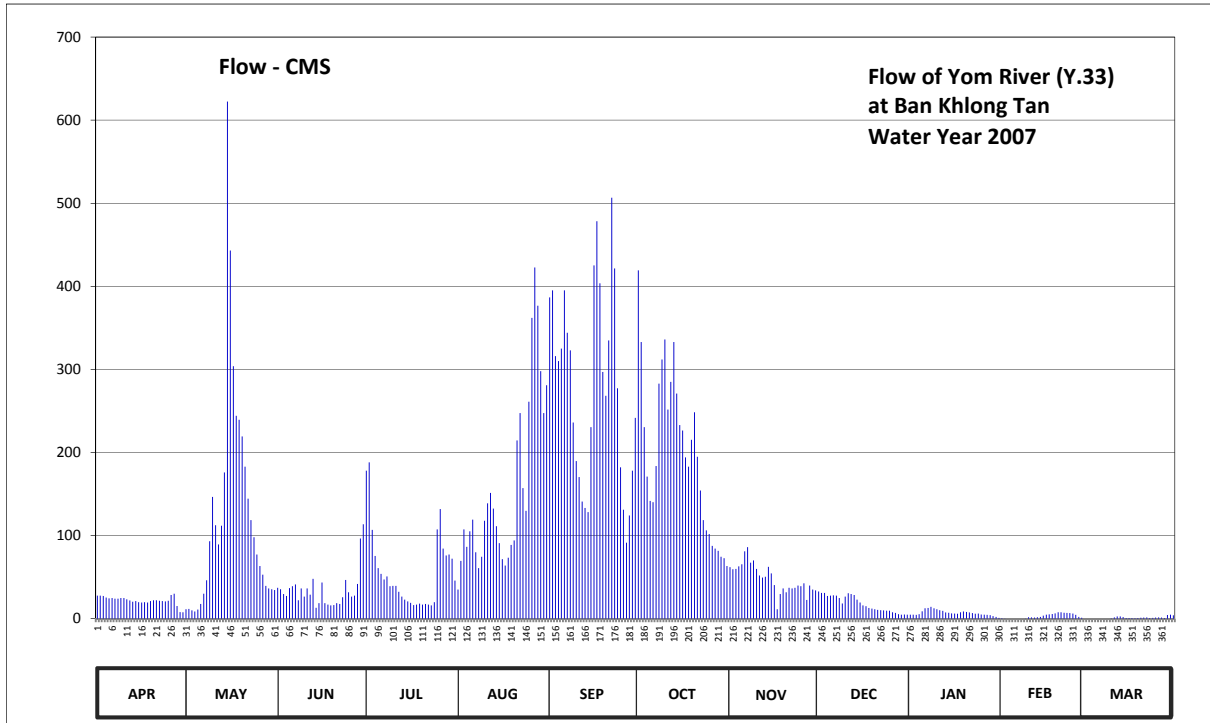
Lat 17 - 10 - 06 N Long 99 - 51 - 52 E

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	+56.820 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	No overbank flow.		
General Description	Records good. Flow effected by the temporary weir about 500 meters downstream from the gage site. Stage-discharge relation defined by 21 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	47.62	47.12	47.84	50.23	47.79	52.54	52.81	48.36	47.74	46.83	46.54	46.50	
2	47.62	47.13	47.80	50.37	48.51	52.61	52.03	48.31	47.70	46.83	46.52	46.48	
3	47.61	47.06	47.67	49.19	49.20	51.86	50.92	48.32	47.70	46.81	46.51	46.45	
4	47.56	47.01	47.61	48.62	48.82	51.80	50.13	48.38	47.61	46.86	46.49	46.45	
5	47.54	47.10	47.83	48.34	49.16	51.95	49.71	48.43	47.62	47.02	46.47	46.44	
6	47.55	47.35	47.88	48.20	49.39	52.61	49.69	48.72	47.63	47.16	46.47	46.43	
7	47.53	47.68	47.93	48.06	48.70	52.14	50.31	48.81	47.62	47.18	46.49	46.50	
8	47.53	48.04	47.48	48.14	48.34	51.93	51.53	48.47	47.55	47.23	46.47	46.50	
9	47.55	48.94	47.82	47.88	48.60	50.99	51.82	48.52	47.37	47.16	46.52	46.50	
10	47.55	49.78	47.59	47.89	49.37	50.39	52.06	48.32	47.59	47.12	46.62	46.53	
11	47.51	49.29	47.82	47.89	49.67	50.12	51.18	48.16	47.69	47.07	46.61	46.61	
12	47.47	48.87	47.65	47.73	49.85	49.70	51.55	48.11	47.67	47.04	46.59	46.69	
13	47.43	49.28	48.08	47.59	49.58	49.59	52.03	48.13	47.64	46.96	46.62	46.69	
14	47.45	50.20	47.19	47.50	49.27	49.52	51.40	48.37	47.50	46.95	46.65	46.63	
15	47.41	54.29	47.38	47.44	48.90	50.92	50.95	48.21	47.40	46.92	46.75	46.56	
16	47.40	53.01	47.98	47.39	48.55	52.86	50.87	47.91	47.30	46.91	46.82	46.56	
17	47.41	51.74	47.38	47.31	48.40	53.28	50.45	47.12	47.26	46.90	46.85	46.56	
18	47.40	51.09	47.33	47.33	48.58	52.68	50.30	47.67	47.18	46.97	46.88	46.55	
19	47.45	51.03	47.30	47.36	48.86	51.67	50.73	47.82	47.15	47.01	46.92	46.56	
20	47.48	50.78	47.31	47.33	48.96	51.37	51.14	47.72	47.12	46.99	46.97	46.58	
21	47.48	50.30	47.38	47.35	50.72	52.05	50.46	47.84	47.09	46.96	46.97	46.59	
22	47.46	49.75	47.35	47.33	51.13	53.49	49.89	47.82	47.07	46.93	46.95	46.61	
23	47.45	49.38	47.57	47.30	49.93	52.83	49.38	47.84	47.06	46.90	46.94	46.56	
24	47.44	49.03	48.05	47.41	49.54	51.47	49.18	47.90	47.05	46.91	46.93	46.57	
25	47.46	48.65	47.72	49.20	51.29	50.29	49.10	47.88	47.05	46.84	46.91	46.59	
26	47.64	48.39	47.59	49.57	52.31	49.56	48.84	47.96	46.97	46.82	46.81	46.61	
27	47.68	48.18	47.62	48.78	52.84	48.91	48.78	47.49	46.94	46.81	46.64	46.59	
28	47.27	47.89	47.94	48.63	52.45	49.46	48.73	47.90	46.87	46.79	46.58	46.56	
29	46.98	47.82	49.00	48.65	51.68	50.23	48.60	47.79	46.83	46.71	46.55	46.80	
30	46.97	47.80	49.31	48.56	51.13	51.06	48.57	47.77	46.84	46.65	46.65	46.82	
31		47.78		48.03	51.51		48.39		46.83	46.57		46.78	
Mean	47.46	49.09	47.75	48.15	49.78	51.33	50.37	48.07	47.31	46.93	46.69	46.58	
Max	47.68	54.29	49.31	50.37	52.84	53.49	52.81	48.81	47.74	47.23	46.97	46.82	54.29
Min	46.97	47.01	47.19	47.30	47.79	48.91	48.39	47.12	46.83	46.57	46.47	46.43	46.43
Annual Max Momentary Gage Height	54.56		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	45.82		m. (MSL.) ,			River Bed	44.43	m. (MSL.)					
Left Bank Elevation	56.56		m. (MSL.) ,										
Right Bank Elevation	56.51		m. (MSL.) ,			Drainage Are	13,948	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	27.80	11.50	37.30	178.10	35.05	386.80	419.20	62.00	32.80	4.95	0.60	0.00	
2	27.80	11.75	35.50	188.25	69.55	395.20	333.00	59.50	31.00	4.95	0.30	0.00	
3	27.40	10.00	29.80	106.95	107.50	316.00	230.60	60.00	31.00	4.65	0.15	0.00	
4	25.40	8.75	27.40	75.60	86.60	310.00	171.10	63.00	27.40	5.40	0.00	0.00	
5	24.60	11.00	36.85	61.00	105.30	325.00	141.70	65.50	27.80	9.00	0.00	0.00	
6	25.00	17.75	39.10	54.00	119.30	395.20	140.30	81.10	28.20	12.50	0.00	0.00	
7	24.20	30.20	41.35	47.20	80.00	344.20	183.75	86.05	27.80	13.00	0.00	0.00	
8	24.20	46.30	22.30	51.00	61.00	323.00	283.00	67.50	25.00	14.25	0.00	0.00	
9	25.00	93.20	36.40	39.10	74.50	236.20	312.00	70.10	18.45	12.50	0.30	0.00	
10	25.00	146.60	26.60	39.55	117.90	189.75	336.00	60.00	26.60	11.50	1.80	0.45	
11	23.40	112.45	36.40	39.55	138.90	170.40	251.80	52.00	30.60	10.25	1.65	1.65	
12	21.95	89.35	29.00	32.35	151.50	141.00	285.00	49.50	29.80	9.50	1.35	2.85	
13	20.55	111.90	48.10	26.60	132.60	133.30	333.00	50.50	28.60	7.50	1.80	2.85	
14	21.25	176.00	13.25	23.00	111.35	128.40	271.00	62.50	23.00	7.25	2.25	1.95	
15	19.85	622.45	18.80	20.90	91.00	230.60	233.00	54.50	19.50	6.50	3.75	0.90	
16	19.50	443.20	43.60	19.15	71.75	425.20	226.60	40.45	16.00	6.25	4.80	0.90	
17	19.85	304.00	18.80	16.35	64.00	478.30	194.25	11.50	15.00	6.00	5.25	0.90	
18	19.50	244.20	17.05	17.05	73.40	403.60	183.00	29.80	13.00	7.75	5.70	0.75	
19	21.25	239.40	16.00	18.10	88.80	297.00	215.40	36.40	12.25	8.75	6.50	0.90	
20	22.30	219.40	16.35	17.05	94.30	268.30	248.40	31.90	11.50	8.25	7.75	1.20	
21	22.30	183.00	18.80	17.75	214.60	335.00	195.00	37.30	10.75	7.50	7.75	1.35	
22	21.60	144.50	17.75	17.05	247.55	506.65	154.30	36.40	10.25	6.75	7.25	1.65	
23	21.25	118.60	25.80	16.00	157.10	421.60	118.60	37.30	10.00	6.00	7.00	0.90	
24	20.90	98.15	46.75	19.85	129.80	277.30	106.40	40.00	9.75	6.25	6.75	1.05	
25	21.60	77.25	31.90	107.50	261.15	182.30	102.00	39.10	9.75	5.10	6.25	1.35	
26	28.60	63.50	26.60	131.90	362.05	131.20	87.70	42.70	7.75	4.80	4.65	1.65	
27	30.20	53.00	27.80	84.40	422.80	91.55	84.40	22.65	7.00	4.65	2.10	1.35	
28	15.25	39.55	41.80	76.15	376.75	124.20	81.65	40.00	5.55	4.35	1.20	0.90	
29	8.00	36.40	96.50	77.25	298.00	178.10	74.50	35.05	4.95	3.15	0.75	4.50	
30	7.75	35.50	113.70	72.30	247.55	241.80	72.85	34.15	5.10	2.25	0.00	4.80	
31		34.60		45.85	281.00		63.50		4.95	1.05		4.20	
Total	663.25	3833.45	1037.35	1736.85	4872.65	8387.15	6133.00	1458.45	561.10	222.55	87.65	39.00	29032.45 CMSDAY
Mean	22.11	123.66	34.58	56.03	157.18	279.57	197.84	48.62	18.10	7.18	3.02	1.26	79.32 CMS
Max	30.20	622.45	113.70	188.25	422.80	506.65	419.20	86.05	32.80	14.25	7.75	4.80	622.45 CMS
Min	7.75	8.75	13.25	16.00	35.05	91.55	63.50	11.50	4.95	1.05	0.00	0.00	0.00 CMS
Runoff	57.30	331.21	89.63	150.06	421.00	724.65	529.89	126.01	48.48	19.23	7.57	3.37	2508.40 MCM
Momentary Peak		665.20 CMS.			at 54.56 m. (MSL.)								at 15.00 Hours , on May 15, 2007
Runoff Yield		5.70			Liters/Second/Square KM.								Momentary Peak Yield 47.69 Liters/Second/Square KM.

WATER YEAR : 2007

YOM RIVER BASIN

Nam Mae Lai at Ban Mae Lai , Phrae (Y.34)

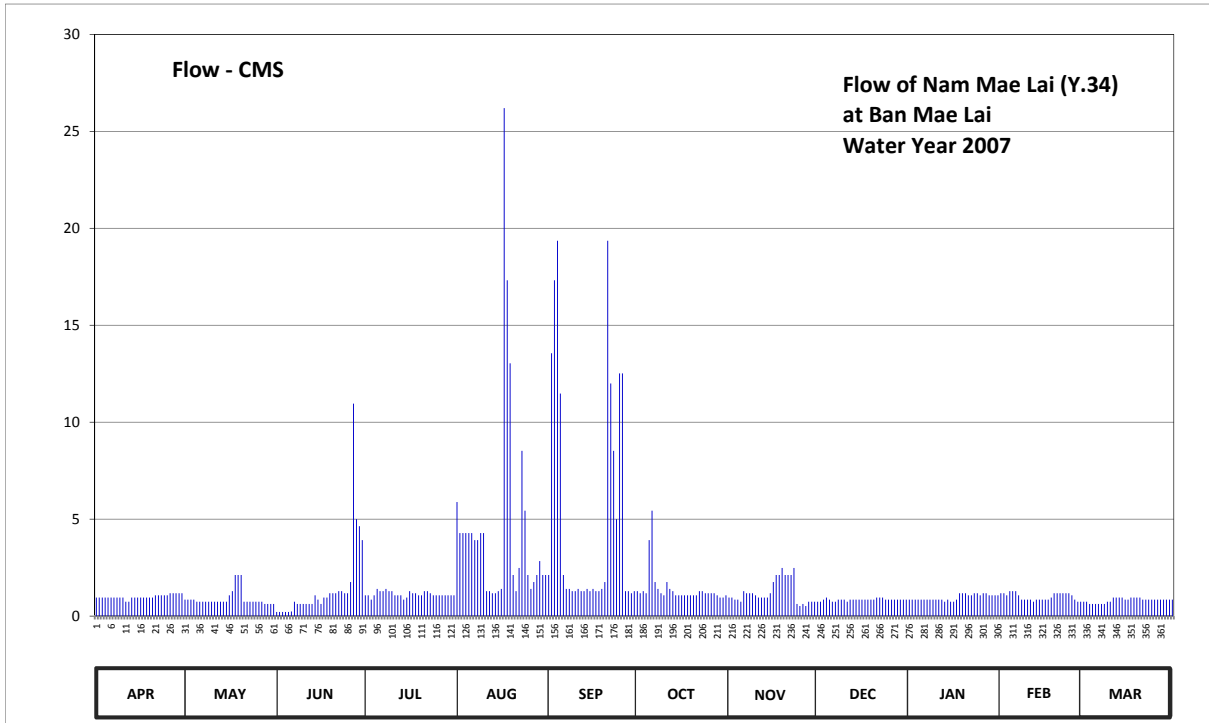
Lat 18 - 12 - 59 N Long 100 - 12 - 36 E

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	Fairly stable.		
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 36 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	159.16	159.15	159.07	159.17	159.32	159.22	159.19	159.16	159.14	159.15	159.18	159.14	
2	159.16	159.15	159.07	159.17	159.28	159.48	159.18	159.16	159.14	159.15	159.18	159.14	
3	159.16	159.15	159.07	159.15	159.28	159.54	159.19	159.15	159.15	159.15	159.17	159.13	
4	159.16	159.15	159.07	159.17	159.28	159.57	159.18	159.15	159.16	159.15	159.19	159.13	
5	159.16	159.14	159.07	159.20	159.28	159.44	159.27	159.14	159.15	159.15	159.19	159.13	
6	159.16	159.14	159.08	159.19	159.28	159.22	159.31	159.19	159.14	159.15	159.19	159.13	
7	159.16	159.14	159.14	159.19	159.27	159.20	159.21	159.18	159.14	159.15	159.17	159.13	
8	159.16	159.14	159.13	159.20	159.27	159.20	159.20	159.18	159.15	159.15	159.15	159.13	
9	159.16	159.14	159.13	159.19	159.28	159.19	159.18	159.18	159.15	159.15	159.15	159.14	
10	159.16	159.14	159.13	159.19	159.28	159.19	159.17	159.17	159.15	159.15	159.15	159.14	
11	159.14	159.14	159.13	159.17	159.19	159.20	159.21	159.16	159.14	159.15	159.15	159.16	
12	159.14	159.14	159.13	159.17	159.19	159.19	159.20	159.16	159.15	159.15	159.14	159.16	
13	159.16	159.14	159.13	159.17	159.18	159.19	159.19	159.16	159.15	159.14	159.15	159.16	
14	159.16	159.14	159.17	159.15	159.18	159.20	159.17	159.16	159.15	159.15	159.15	159.16	
15	159.16	159.14	159.15	159.16	159.19	159.19	159.17	159.18	159.15	159.14	159.15	159.15	
16	159.16	159.17	159.13	159.19	159.20	159.20	159.17	159.21	159.15	159.14	159.15	159.15	
17	159.16	159.19	159.16	159.18	159.66	159.19	159.17	159.22	159.15	159.15	159.15	159.16	
18	159.16	159.22	159.16	159.18	159.54	159.19	159.17	159.22	159.15	159.18	159.16	159.16	
19	159.16	159.22	159.18	159.17	159.47	159.20	159.17	159.23	159.15	159.18	159.18	159.16	
20	159.16	159.22	159.18	159.17	159.22	159.21	159.17	159.22	159.15	159.18	159.18	159.16	
21	159.17	159.14	159.18	159.19	159.19	159.57	159.17	159.22	159.16	159.17	159.18	159.15	
22	159.17	159.14	159.19	159.19	159.23	159.45	159.19	159.22	159.16	159.17	159.18	159.15	
23	159.17	159.14	159.19	159.18	159.38	159.38	159.19	159.23	159.16	159.18	159.18	159.15	
24	159.17	159.14	159.18	159.17	159.31	159.30	159.18	159.13	159.15	159.18	159.18	159.15	
25	159.17	159.14	159.18	159.17	159.22	159.46	159.18	159.12	159.15	159.17	159.17	159.15	
26	159.18	159.14	159.21	159.17	159.20	159.46	159.18	159.13	159.15	159.18	159.15	159.15	
27	159.18	159.14	159.43	159.17	159.21	159.19	159.18	159.12	159.15	159.18	159.14	159.15	
28	159.18	159.13	159.30	159.17	159.22	159.19	159.17	159.14	159.15	159.17	159.14	159.15	
29	159.18	159.13	159.29	159.17	159.24	159.18	159.16	159.14	159.15	159.17	159.14	159.15	
30	159.18	159.13	159.27	159.17	159.22	159.19	159.16	159.14	159.15	159.17	159.14	159.15	
31		159.13		159.17	159.22		159.17		159.15	159.17		159.15	
Mean	159.16	159.15	159.16	159.18	159.27	159.29	159.19	159.17	159.15	159.16	159.16	159.15	
Max	159.18	159.22	159.43	159.20	159.66	159.57	159.31	159.23	159.16	159.18	159.19	159.16	159.66
Min	159.14	159.13	159.07	159.15	159.18	159.18	159.16	159.12	159.14	159.14	159.14	159.13	159.07
Annual Max Momentary Gage Height	159.67		m. (MSL.) ,				at 06.00 Hours ,						on Aug 17, 2007
Zero Gage at Bottom Elevation	157.27		m. (MSL.) ,			River Bed	157.93	m. (MSL.)					
Left Bank Elevation		164.46		m. (MSL.) ,									
Right Bank Elevation		167.46		m. (MSL.) ,		Drainage Are	336	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.96	0.85	0.21	1.07	5.88	2.12	1.29	0.96	0.74	0.85	1.18	0.74	
2	0.96	0.85	0.21	1.07	4.28	13.56	1.18	0.96	0.74	0.85	1.18	0.74	
3	0.96	0.85	0.21	0.85	4.28	17.32	1.29	0.85	0.85	0.85	1.07	0.63	
4	0.96	0.85	0.21	1.07	4.28	19.36	1.18	0.85	0.96	0.85	1.29	0.63	
5	0.96	0.74	0.21	1.40	4.28	11.48	3.92	0.74	0.85	0.85	1.29	0.63	
6	0.96	0.74	0.24	1.29	4.28	2.12	5.44	1.29	0.74	0.85	1.29	0.63	
7	0.96	0.74	0.74	1.29	3.92	1.40	1.76	1.18	0.74	0.85	1.07	0.63	
8	0.96	0.74	0.63	1.40	3.92	1.40	1.40	1.18	0.85	0.85	0.85	0.63	
9	0.96	0.74	0.63	1.29	4.28	1.29	1.18	1.18	0.85	0.85	0.85	0.74	
10	0.96	0.74	0.63	1.29	4.28	1.29	1.07	1.07	0.85	0.85	0.85	0.74	
11	0.74	0.74	0.63	1.07	1.29	1.40	1.76	0.96	0.74	0.85	0.85	0.96	
12	0.74	0.74	0.63	1.07	1.29	1.29	1.40	0.96	0.85	0.85	0.74	0.96	
13	0.96	0.74	0.63	1.07	1.18	1.29	1.29	0.96	0.85	0.74	0.85	0.96	
14	0.96	0.74	1.07	0.85	1.18	1.40	1.07	0.96	0.85	0.85	0.85	0.96	
15	0.96	0.74	0.85	0.96	1.29	1.29	1.07	1.18	0.85	0.74	0.85	0.85	
16	0.96	1.07	0.63	1.29	1.40	1.40	1.07	1.76	0.85	0.74	0.85	0.85	
17	0.96	1.29	0.96	1.18	26.20	1.29	1.07	2.12	0.85	0.85	0.85	0.96	
18	0.96	2.12	0.96	1.18	17.32	1.29	1.07	2.12	0.85	1.18	0.96	0.96	
19	0.96	2.12	1.18	1.07	13.04	1.40	1.07	2.48	0.85	1.18	1.18	0.96	
20	0.96	2.12	1.18	1.07	2.12	1.76	1.07	2.12	0.85	1.18	1.18	0.96	
21	1.07	0.74	1.18	1.29	1.29	19.36	1.07	2.12	0.96	1.07	1.18	0.85	
22	1.07	0.74	1.29	1.29	2.48	12.00	1.29	2.12	0.96	1.07	1.18	0.85	
23	1.07	0.74	1.29	1.18	8.52	8.52	1.29	2.48	0.96	1.18	1.18	0.85	
24	1.07	0.74	1.18	1.07	5.44	5.00	1.18	0.63	0.85	1.18	1.18	0.85	
25	1.07	0.74	1.18	1.07	2.12	12.52	1.18	0.52	0.85	1.07	1.07	0.85	
26	1.18	0.74	1.76	1.07	1.40	12.52	1.18	0.63	0.85	1.18	0.85	0.85	
27	1.18	0.74	10.96	1.07	1.76	1.29	1.18	0.52	0.85	1.18	0.74	0.85	
28	1.18	0.63	5.00	1.07	2.12	1.29	1.07	0.74	0.85	1.07	0.74	0.85	
29	1.18	0.63	4.64	1.07	2.84	1.18	0.96	0.74	0.85	1.07	0.74	0.85	
30	1.18	0.63	3.92	1.07	2.12	1.29	0.96	0.74	0.85	1.07		0.85	
31		0.63		1.07	2.12		1.07		0.85	1.07		0.85	
Total	30.01	27.96	45.04	35.15	142.20	160.12	44.08	37.12	26.24	29.87	28.94	25.47	632.20 CMSDAY
Mean	1.00	0.90	1.50	1.13	4.59	5.34	1.42	1.24	0.85	0.96	1.00	0.82	1.73 CMS
Max	1.18	2.12	10.96	1.40	26.20	19.36	5.44	2.48	0.96	1.18	1.29	0.96	26.20 CMS
Min	0.74	0.63	0.21	0.85	1.18	1.18	0.96	0.52	0.74	0.74	0.74	0.63	0.21 CMS
Runoff	2.59	2.42	3.89	3.04	12.29	13.83	3.81	3.21	2.27	2.58	2.50	2.20	54.62 MCM
Momentary Peak	27.00 CMS. at 159.67 m. (MSL.) at 06.00 Hours , on Aug 17, 2007												
Runoff Yield	5.15 Liters/Second/Square KM.			Momentary Peak Yield				80.36 Liters/Second/Square KM.					

WATER YEAR : 2007

YOM RIVER BASIN

Nam Khuan at Ban Pa Kha , Phayao (Y.36)

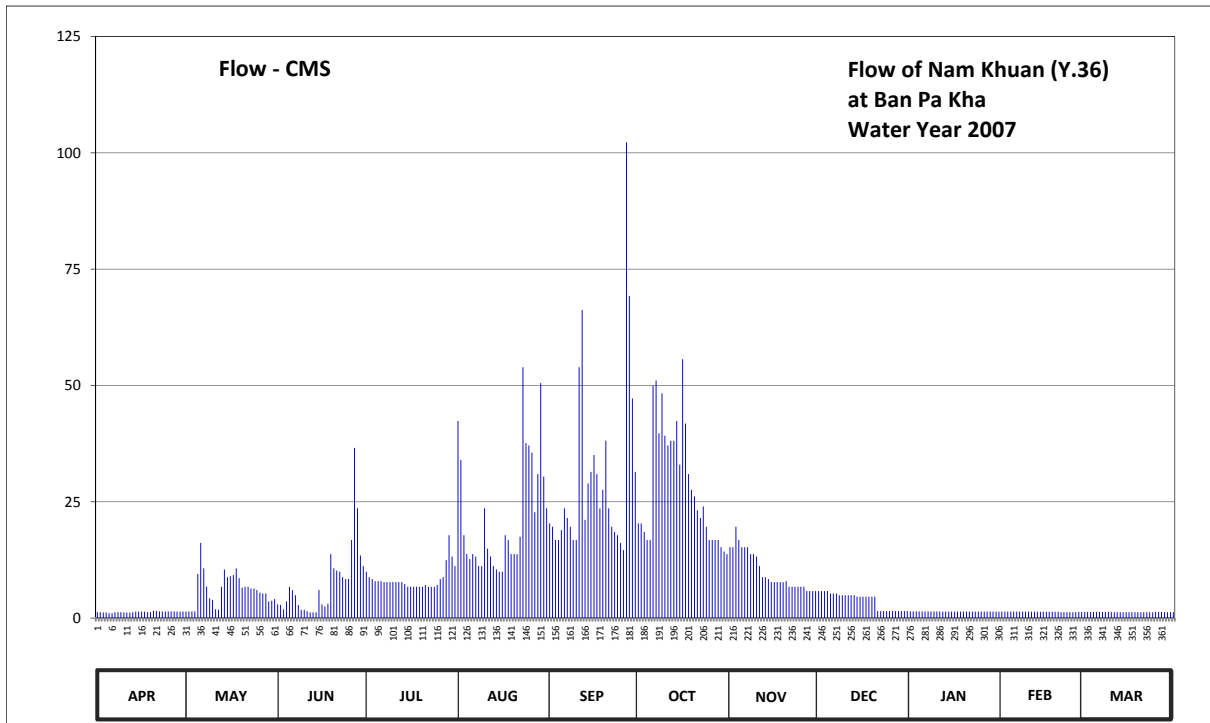
Lat 19 - 09 - 24 N Long 100 - 19 - 36 E

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	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by the islet at the gage site. Stage-discharge relation defined by 14 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	300.29	300.35	300.07	300.44	301.25	300.79	300.79	300.64	300.24	300.35	300.34	300.31	
2	300.29	300.35	300.06	300.39	301.09	300.77	300.79	300.64	300.24	300.35	300.34	300.31	
3	300.27	300.35	300.00	300.37	300.72	300.69	300.74	300.77	300.24	300.35	300.34	300.31	
4	300.27	300.35	300.11	300.35	300.59	300.69	300.69	300.69	300.24	300.35	300.34	300.31	
5	300.22	300.42	300.29	300.35	300.55	300.75	300.69	300.64	300.21	300.35	300.34	300.31	
6	300.22	300.67	300.25	300.35	300.59	300.87	301.39	300.64	300.21	300.35	300.34	300.31	
7	300.29	300.47	300.19	300.34	300.57	300.82	301.41	300.64	300.21	300.35	300.34	300.31	
8	300.29	300.29	300.06	300.34	300.49	300.77	301.20	300.59	300.19	300.35	300.34	300.31	
9	300.29	300.15	299.99	300.34	300.49	300.69	301.36	300.59	300.19	300.35	300.34	300.31	
10	300.27	300.13	299.99	300.34	300.87	300.69	301.19	300.57	300.19	300.35	300.34	300.31	
11	300.27	300.00	299.96	300.34	300.63	301.46	301.15	300.49	300.19	300.34	300.32	300.29	
12	300.27	299.99	299.94	300.34	300.57	301.67	301.17	300.39	300.19	300.34	300.32	300.29	
13	300.29	300.29	299.94	300.34	300.49	300.81	301.17	300.39	300.19	300.34	300.32	300.29	
14	300.34	300.46	299.94	300.32	300.46	300.99	301.25	300.37	300.17	300.34	300.32	300.29	
15	300.34	300.39	300.25	300.29	300.44	301.04	301.07	300.34	300.17	300.34	300.32	300.29	
16	300.34	300.40	300.07	300.29	300.44	301.11	301.49	300.34	300.17	300.34	300.32	300.29	
17	300.34	300.41	300.04	300.29	300.72	301.03	301.24	300.34	300.17	300.34	300.32	300.29	
18	300.29	300.47	300.08	300.29	300.69	300.87	301.03	300.34	300.17	300.34	300.32	300.29	
19	300.29	300.38	300.59	300.29	300.59	300.96	300.96	300.34	300.17	300.34	300.32	300.29	
20	300.39	300.28	300.47	300.29	300.59	301.17	300.93	300.35	300.17	300.34	300.32	300.29	
21	300.38	300.29	300.45	300.31	300.59	300.87	300.86	300.29	300.37	300.34	300.29	300.29	
22	300.35	300.29	300.44	300.29	300.71	300.77	300.82	300.29	300.37	300.34	300.29	300.29	
23	300.35	300.27	300.39	300.29	301.46	300.74	300.88	300.29	300.37	300.34	300.29	300.29	
24	300.35	300.27	300.37	300.29	301.16	300.72	300.77	300.29	300.37	300.34	300.29	300.29	
25	300.35	300.25	300.37	300.31	301.15	300.67	300.69	300.29	300.37	300.34	300.29	300.31	
26	300.35	300.22	300.69	300.37	301.12	300.62	300.69	300.29	300.37	300.34	300.29	300.31	
27	300.35	300.21	301.14	300.39	300.85	302.23	300.69	300.24	300.37	300.34	300.31	300.31	
28	300.34	300.21	300.87	300.54	301.03	301.72	300.69	300.24	300.37	300.34	300.31	300.29	
29	300.34	300.11	300.58	300.72	301.40	301.34	300.64	300.24	300.37	300.34	300.31	300.29	
30	300.35	300.12	300.49	300.57	301.02	301.04	300.61	300.24	300.37	300.34	300.29	300.29	
31		300.14		300.49	300.87		300.59		300.37	300.32		300.29	
Mean	300.31	300.29	300.27	300.36	300.78	300.98	300.96	300.43	300.26	300.34	300.32	300.30	
Max	300.39	300.67	301.14	300.72	301.46	302.23	301.49	300.77	300.37	300.35	300.34	300.31	302.23
Min	300.22	299.99	299.94	300.29	300.44	300.62	300.59	300.24	300.17	300.32	300.29	300.29	299.94
Annual Max Momentary Gage Height	302.77												at 15.00 Hours , on Sep 27, 2007
Zero Gage at Bottom Elevation	298.59						298.73						m. (MSL.) , River Bed
Left Bank Elevation	307.38												m. (MSL.) ,
Right Bank Elevation	307.41												m. (MSL.) , Drainage Are 853 Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.27	1.45	2.95	9.96	42.35	20.34	20.34	15.24	5.82	1.45	1.42	1.33	
2	1.27	1.45	2.80	8.79	33.99	19.62	20.34	15.24	5.82	1.45	1.42	1.33	
3	1.21	1.45	1.90	8.37	17.82	16.79	18.54	19.62	5.82	1.45	1.42	1.33	
4	1.21	1.45	3.57	7.95	13.74	16.79	16.79	16.79	5.82	1.45	1.42	1.33	
5	1.06	9.48	6.72	7.95	12.70	18.90	16.79	15.24	5.28	1.45	1.42	1.33	
6	1.06	16.17	6.00	7.95	13.74	23.57	49.95	15.24	5.28	1.45	1.42	1.33	
7	1.27	10.68	4.93	7.74	13.22	21.52	51.07	15.24	5.28	1.45	1.42	1.33	
8	1.27	6.72	2.80	7.74	11.16	19.62	39.70	13.74	4.93	1.45	1.42	1.33	
9	1.27	4.25	1.79	7.74	11.16	16.79	48.30	13.74	4.93	1.45	1.42	1.33	
10	1.21	3.91	1.79	7.74	23.57	16.79	39.18	13.22	4.93	1.45	1.42	1.33	
11	1.21	1.90	1.46	7.74	14.93	53.92	37.10	11.16	4.93	1.42	1.36	1.27	
12	1.21	1.79	1.24	7.74	13.22	66.20	38.14	8.79	4.93	1.42	1.36	1.27	
13	1.27	6.72	1.24	7.74	11.16	21.11	38.14	8.79	4.93	1.42	1.36	1.27	
14	1.42	10.44	1.24	7.32	10.44	28.94	42.35	8.37	4.59	1.42	1.36	1.27	
15	1.42	8.79	6.00	6.72	9.96	31.44	32.97	7.74	4.59	1.42	1.36	1.27	
16	1.42	9.00	2.95	6.72	9.96	35.02	55.63	7.74	4.59	1.42	1.36	1.27	
17	1.42	9.24	2.50	6.72	17.82	30.93	41.82	7.74	4.59	1.42	1.36	1.27	
18	1.27	10.68	3.10	6.72	16.79	23.57	30.93	7.74	4.59	1.42	1.36	1.27	
19	1.27	8.58	13.74	6.72	13.74	27.56	27.56	7.74	4.59	1.42	1.36	1.27	
20	1.57	6.54	10.68	6.72	13.74	38.14	26.18	7.95	4.59	1.42	1.36	1.27	
21	1.54	6.72	10.20	7.11	13.74	23.57	23.16	6.72	1.51	1.42	1.27	1.27	
22	1.45	6.72	9.96	6.72	17.46	19.62	21.52	6.72	1.51	1.42	1.27	1.27	
23	1.45	6.36	8.79	6.72	53.92	18.54	23.98	6.72	1.51	1.42	1.27	1.27	
24	1.45	6.36	8.37	6.72	37.62	17.82	19.62	6.72	1.51	1.42	1.27	1.27	
25	1.45	6.00	8.37	7.11	37.10	16.17	16.79	6.72	1.51	1.42	1.27	1.33	
26	1.45	5.46	16.79	8.37	35.54	14.62	16.79	6.72	1.51	1.42	1.27	1.33	
27	1.45	5.28	36.58	8.79	22.75	102.24	16.79	5.82	1.51	1.42	1.33	1.33	
28	1.42	5.28	23.57	12.44	30.93	69.24	16.79	5.82	1.51	1.42	1.33	1.27	
29	1.42	3.57	13.48	17.82	50.50	47.20	15.24	5.82	1.51	1.42	1.33	1.27	
30	1.45	3.74	11.16	13.22	30.42	31.44	14.31	5.82	1.51	1.42		1.27	
31		4.08		11.16	23.57		13.74		1.51	1.36		1.27	
Total	40.11	190.26	226.67	258.97	678.76	908.02	890.55	300.67	117.44	44.26	39.41	40.15	3735.27 CMSDAY
Mean	1.34	6.14	7.56	8.35	21.90	30.27	28.73	10.02	3.79	1.43	1.36	1.30	10.21 CMS
Max	1.57	16.17	36.58	17.82	53.92	102.24	55.63	19.62	5.82	1.45	1.42	1.33	102.24 CMS
Min	1.06	1.45	1.24	6.72	9.96	14.62	13.74	5.82	1.51	1.36	1.27	1.27	1.06 CMS
Runoff	3.47	16.44	19.58	22.38	58.64	78.45	76.94	25.98	10.15	3.82	3.41	3.47	322.73 MCM
Momentary Peak	140.78	CMS.	at 302.77 m. (MSL.)	at 15.00 Hours	, on Sep 27, 2007								
Runoff Yield	12.00	Liters/Second/Square KM.			Momentary Peak Yield	165.04	Liters/Second/Square KM.						

WATER YEAR : 2007

YOM RIVER BASIN

Yom River at Ban Wang Chin , Phrae (Y.37)

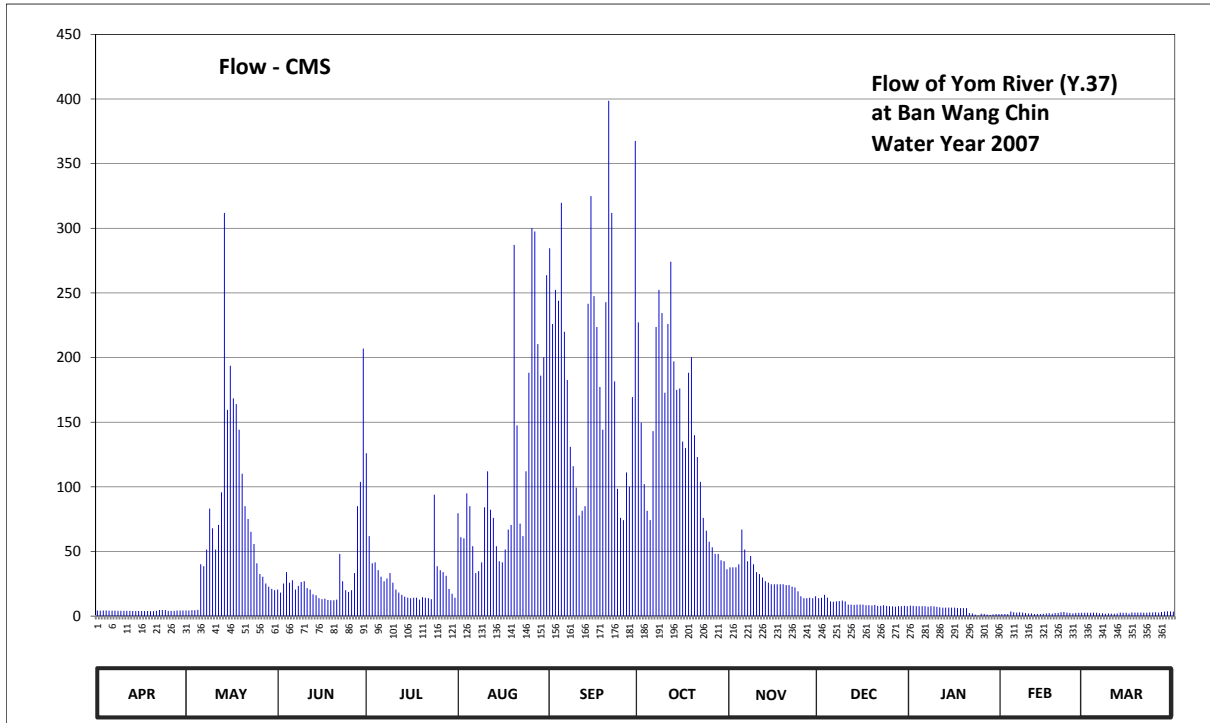
Lat 17 - 53 - 48 N Long 99 - 36 - 28 E

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	+92.280 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 5 meters from the top staff gage.	Elevation	+105.250 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 weir situated about 1 kilometer downstream from the gage site. Stage-discharge relation defined by 34 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	94.60	94.60	94.67	95.92	95.42	97.30	96.84	94.93	94.51	94.30	94.21	94.38	
2	94.59	94.61	94.62	95.22	95.21	96.83	96.15	94.93	94.52	94.29	94.19	94.37	
3	94.60	94.63	94.75	94.97	95.20	97.05	95.67	94.93	94.58	94.28	94.21	94.37	
4	94.60	94.63	94.88	94.98	95.59	96.98	95.44	94.96	94.52	94.28	94.51	94.40	
5	94.59	94.66	94.76	94.90	95.48	97.57	95.36	95.28	94.43	94.28	94.43	94.38	
6	94.59	94.96	94.79	94.83	95.13	96.78	96.09	95.10	94.42	94.28	94.40	94.32	
7	94.59	94.94	94.67	94.78	94.87	96.45	96.81	94.99	94.43	94.26	94.43	94.31	
8	94.58	95.10	94.72	94.81	94.89	95.97	97.05	95.04	94.44	94.28	94.39	94.24	
9	94.58	95.46	94.77	94.87	94.98	95.82	96.90	94.96	94.45	94.27	94.33	94.29	
10	94.58	95.29	94.78	94.76	95.47	95.64	96.36	94.88	94.43	94.25	94.28	94.28	
11	94.58	95.10	94.69	94.67	95.78	95.40	96.83	94.86	94.33	94.23	94.30	94.26	
12	94.57	95.32	94.67	94.62	95.45	95.44	97.22	94.82	94.33	94.22	94.21	94.29	
13	94.56	95.60	94.59	94.58	95.38	95.48	96.58	94.78	94.32	94.22	94.22	94.39	
14	94.56	97.51	94.57	94.54	95.13	96.96	96.38	94.76	94.33	94.22	94.20	94.38	
15	94.56	96.24	94.51	94.52	94.99	97.61	96.39	94.74	94.33	94.22	94.24	94.37	
16	94.56	96.55	94.49	94.51	94.98	97.01	96.01	94.74	94.33	94.22	94.30	94.28	
17	94.56	96.32	94.50	94.52	95.10	96.81	95.96	94.74	94.31	94.20	94.31	94.42	
18	94.56	96.28	94.47	94.52	95.28	96.40	96.50	94.74	94.31	94.20	94.25	94.40	
19	94.55	96.10	94.46	94.48	95.32	96.10	96.61	94.74	94.30	94.20	94.33	94.40	
20	94.55	95.76	94.46	94.53	97.32	96.97	96.06	94.73	94.32	94.20	94.35	94.40	
21	94.57	95.48	94.48	94.52	96.13	98.14	95.89	94.73	94.29	93.89	94.43	94.38	
22	94.65	95.37	95.06	94.51	95.33	97.51	95.69	94.71	94.29	93.85	94.46	94.38	
23	94.65	95.26	94.78	94.49	95.22	96.44	95.38	94.70	94.31	93.69	94.39	94.42	
24	94.65	95.15	94.66	95.58	95.78	95.63	95.27	94.64	94.29	93.55	94.35	94.41	
25	94.58	94.97	94.63	94.94	96.50	95.38	95.17	94.55	94.28	94.24	94.29	94.44	
26	94.58	94.86	94.66	94.90	97.42	95.36	95.12	94.51	94.27	94.23	94.36	94.40	
27	94.58	94.83	94.87	94.88	97.40	95.77	95.06	94.51	94.26	94.13	94.37	94.46	
28	94.61	94.75	95.48	94.84	96.70	95.65	95.06	94.52	94.28	94.07	94.37	94.50	
29	94.61	94.71	95.69	94.68	96.48	96.33	95.00	94.51	94.28	94.15	94.40	94.53	
30	94.60	94.68	96.67	94.60	96.61	97.92	94.99	94.55	94.29	94.19	94.19	94.51	
31		94.66		94.52	97.14		94.91		94.28	94.19		94.50	
Mean	94.59	95.30	94.79	94.77	95.73	96.49	95.96	94.79	94.36	94.16	94.33	94.38	
Max	94.65	97.51	96.67	95.92	97.42	98.14	97.22	95.28	94.58	94.30	94.51	94.53	98.14
Min	94.55	94.60	94.46	94.48	94.87	95.36	94.91	94.51	94.26	93.55	94.19	94.24	93.55
Annual Max Momentary Gage Height	98.23		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	92.28		m. (MSL.) ,			River Bed	91.84	m. (MSL.)					
Left Bank Elevation		105.30		m. (MSL.) ,									
Right Bank Elevation		106.30		m. (MSL.) ,		Drainage Are	10,305	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.28	4.28	20.54	126.00	79.60	284.60	227.20	37.80	13.88	8.16	1.65	2.60		
2	4.19	4.37	18.24	61.84	60.98	226.00	149.70	37.80	14.24	7.93	1.55	2.54		
3	4.28	4.55	25.20	40.84	60.12	252.40	102.10	37.80	16.40	7.70	1.65	2.54		
4	4.28	4.55	34.00	41.60	94.90	244.00	81.40	40.08	14.24	7.70	3.54	2.74		
5	4.19	4.82	25.80	35.52	85.00	319.70	74.20	67.00	11.40	7.70	2.95	2.60		
6	4.19	40.08	27.70	30.50	54.10	220.00	143.10	51.52	11.12	7.70	2.74	2.24		
7	4.19	38.56	20.54	27.00	33.30	182.70	223.60	42.42	11.40	7.32	2.95	2.18		
8	4.10	51.52	23.40	29.10	34.76	131.00	252.40	46.52	11.68	7.70	2.67	1.80		
9	4.10	83.20	26.40	33.30	41.60	116.00	234.40	40.08	11.96	7.51	2.30	2.06		
10	4.10	67.90	27.00	25.80	84.10	99.40	172.80	34.00	11.40	7.13	2.00	2.00		
11	4.10	51.52	21.60	20.54	112.00	77.80	226.00	32.60	8.85	6.75	2.12	1.90		
12	4.02	70.60	20.54	18.24	82.30	81.40	274.20	29.80	8.85	6.56	1.65	2.06		
13	3.94	95.80	16.86	16.40	76.00	85.00	197.00	27.00	8.62	6.56	1.70	2.67		
14	3.94	311.90	16.04	14.96	54.10	241.60	175.00	25.80	8.85	6.56	1.60	2.60		
15	3.94	159.60	13.88	14.24	42.42	324.90	176.10	24.60	8.85	6.56	1.80	2.54		
16	3.94	193.70	13.16	13.88	41.60	247.60	135.00	24.60	8.85	6.56	2.12	2.00		
17	3.94	168.40	13.52	14.24	51.52	223.60	130.00	24.60	8.39	6.18	2.18	2.88		
18	3.94	164.00	12.52	14.24	67.00	177.20	188.20	24.60	8.39	6.18	1.85	2.74		
19	3.86	144.20	12.24	12.80	70.60	144.20	200.30	24.60	8.16	6.18	2.30	2.74		
20	3.86	110.20	12.24	14.60	287.20	242.80	140.00	24.00	8.62	6.18	2.42	2.74		
21	4.02	85.00	12.80	14.24	147.50	398.70	123.00	24.00	7.93	2.39	2.95	2.60		
22	4.73	75.10	48.16	13.88	71.50	311.90	103.90	22.80	7.93	2.09	3.16	2.60		
23	4.73	65.28	27.00	13.16	61.84	181.60	76.00	22.20	8.39	1.06	2.67	2.88		
24	4.73	55.82	20.08	94.00	112.00	98.50	66.14	19.16	7.93	0.35	2.42	2.81		
25	4.10	40.84	18.70	38.56	188.20	76.00	57.54	15.32	7.70	1.80	2.06	3.02		
26	4.10	32.60	20.08	35.52	300.20	74.20	53.24	13.88	7.51	1.75	2.48	2.74		
27	4.10	30.50	33.30	34.00	297.60	111.10	48.16	13.88	7.32	1.25	2.54	3.16		
28	4.37	25.20	85.00	31.20	210.40	100.30	48.16	14.24	7.70	0.95	2.54	3.46		
29	4.37	22.80	103.90	21.00	186.00	169.50	43.24	13.88	7.70	1.35	2.74	3.70		
30	4.28	21.00	206.90	17.32	200.30	367.60	42.42	15.32	7.93	1.55		3.54		
31		20.08		14.24	263.80		36.28		7.70	1.55		3.46		
Total	124.91	2247.97	977.34	932.76	3552.54	5811.30	4200.78	871.90	299.89	156.91	67.30	82.14	19325.74	CMSDAY
Mean	4.16	72.52	32.58	30.09	114.60	193.71	135.51	29.06	9.67	5.06	2.32	2.65	52.80	CMS
Max	4.73	311.90	206.90	126.00	300.20	398.70	274.20	67.00	16.40	8.16	3.54	3.70	398.70	CMS
Min	3.86	4.28	12.24	12.80	33.30	74.20	36.28	13.88	7.32	0.35	1.55	1.80	0.35	CMS
Runoff	10.79	194.22	84.44	80.59	306.94	502.10	362.95	75.33	25.91	13.56	5.81	7.10	1669.74	MCM
Momentary Peak	411.75 CMS. at 98.23 m. (MSL.) at 18.00 Hours , on Sep 21, 2007													
Runoff Yield	5.14 Liters/Second/Square KM.			Momentary Peak Yield				39.96 Liters/Second/Square KM.						

WATER YEAR : 2007

YOM RIVER BASIN

Nam Mae Kham Mi at Ban Mae Kham Mi Tamnak Tham , Phrae (Y.38)

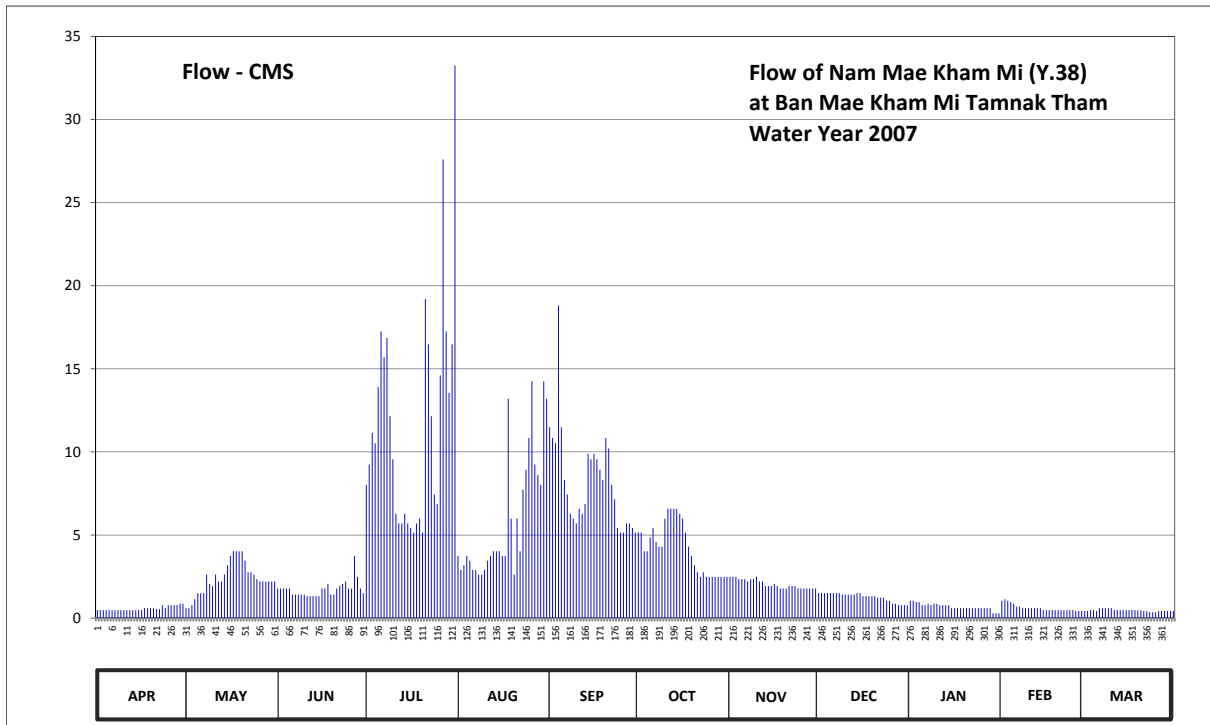
Lat 18 - 15 - 54 N Long 100 - 14 - 28 E

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	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. The islet situated of the gage site. Stage-discharge relation defined by 36 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	172.08	172.10	172.22	172.48	172.33	172.59	172.38	172.27	172.20	172.15	172.15	172.07	
2	172.08	172.10	172.22	172.52	172.30	172.57	172.38	172.27	172.20	172.15	172.16	172.07	
3	172.08	172.12	172.22	172.58	172.31	172.56	172.34	172.27	172.20	172.14	172.15	172.08	
4	172.08	172.16	172.22	172.56	172.33	172.79	172.34	172.26	172.20	172.14	172.14	172.08	
5	172.08	172.20	172.22	172.66	172.32	172.59	172.37	172.26	172.20	172.12	172.13	172.07	
6	172.08	172.20	172.19	172.75	172.30	172.49	172.39	172.26	172.20	172.12	172.11	172.10	
7	172.08	172.20	172.19	172.71	172.30	172.46	172.36	172.25	172.20	172.13	172.11	172.10	
8	172.08	172.28	172.19	172.74	172.28	172.42	172.35	172.26	172.20	172.12	172.10	172.10	
9	172.08	172.24	172.19	172.61	172.28	172.41	172.35	172.26	172.19	172.13	172.10	172.10	
10	172.08	172.23	172.19	172.53	172.30	172.40	172.41	172.27	172.19	172.13	172.10	172.10	
11	172.08	172.28	172.18	172.42	172.32	172.43	172.43	172.25	172.19	172.12	172.10	172.08	
12	172.08	172.25	172.18	172.40	172.33	172.42	172.43	172.25	172.19	172.12	172.10	172.08	
13	172.08	172.25	172.18	172.40	172.34	172.44	172.43	172.23	172.19	172.12	172.10	172.08	
14	172.08	172.28	172.18	172.42	172.34	172.54	172.43	172.23	172.20	172.12	172.10	172.08	
15	172.08	172.31	172.18	172.40	172.34	172.53	172.42	172.23	172.20	172.10	172.08	172.08	
16	172.08	172.33	172.22	172.39	172.33	172.54	172.41	172.24	172.18	172.10	172.08	172.08	
17	172.10	172.34	172.22	172.38	172.33	172.53	172.38	172.23	172.18	172.10	172.08	172.08	
18	172.10	172.34	172.24	172.40	172.64	172.51	172.35	172.22	172.18	172.10	172.08	172.08	
19	172.10	172.34	172.19	172.41	172.41	172.49	172.33	172.22	172.18	172.10	172.08	172.08	
20	172.10	172.34	172.19	172.38	172.28	172.57	172.31	172.22	172.18	172.10	172.08	172.08	
21	172.09	172.32	172.22	172.80	172.41	172.55	172.29	172.23	172.17	172.10	172.08	172.07	
22	172.09	172.29	172.23	172.73	172.34	172.48	172.27	172.23	172.17	172.10	172.08	172.07	
23	172.12	172.29	172.24	172.61	172.47	172.45	172.29	172.23	172.17	172.10	172.08	172.06	
24	172.10	172.28	172.25	172.46	172.51	172.39	172.27	172.22	172.15	172.10	172.08	172.06	
25	172.12	172.26	172.22	172.44	172.57	172.38	172.27	172.22	172.15	172.10	172.08	172.06	
26	172.12	172.25	172.22	172.68	172.67	172.38	172.27	172.22	172.13	172.10	172.07	172.07	
27	172.12	172.25	172.33	173.00	172.52	172.40	172.27	172.22	172.13	172.10	172.07	172.07	
28	172.12	172.25	172.27	172.75	172.50	172.40	172.27	172.22	172.12	172.10	172.07	172.07	
29	172.13	172.25	172.22	172.65	172.48	172.39	172.27	172.22	172.12	172.05	172.07	172.07	
30	172.13	172.25	172.20	172.73	172.67	172.38	172.27	172.22	172.12	172.05	172.05	172.07	
31		172.25		173.13	172.64		172.27		172.12	172.05		172.07	
Mean	172.09	172.25	172.21	172.58	172.40	172.48	172.34	172.24	172.17	172.11	172.10	172.08	
Max	172.13	172.34	172.33	173.13	172.67	172.79	172.43	172.27	172.20	172.15	172.16	172.10	173.13
Min	172.08	172.10	172.18	172.38	172.28	172.38	172.27	172.22	172.12	172.05	172.07	172.06	172.05
Annual Max Momentary Gage Height	173.29		m. (MSL.) ,				at 12.00 Hours ,						on Jul 31, 2007
Zero Gage at Bottom Elevation	170.10		m. (MSL.) ,			River Bed	171.58	m. (MSL.)					
Left Bank Elevation		180.08		m. (MSL.) ,									
Right Bank Elevation		180.07		m. (MSL.) ,		Drainage Are	425	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.48	0.60	1.78	8.02	3.74	11.48	5.14	2.48	1.50	1.05	1.05	0.42	
2	0.48	0.60	1.78	9.24	2.90	10.84	5.14	2.48	1.50	1.05	1.14	0.42	
3	0.48	0.78	1.78	11.16	3.18	10.52	4.02	2.48	1.50	0.96	1.05	0.48	
4	0.48	1.14	1.78	10.52	3.74	18.81	4.02	2.34	1.50	0.96	0.96	0.48	
5	0.48	1.50	1.78	13.90	3.46	11.48	4.86	2.34	1.50	0.78	0.87	0.42	
6	0.48	1.50	1.41	17.25	2.90	8.31	5.42	2.34	1.50	0.78	0.69	0.60	
7	0.48	1.50	1.41	15.69	2.90	7.44	4.58	2.20	1.50	0.87	0.69	0.60	
8	0.48	2.62	1.41	16.86	2.62	6.28	4.30	2.34	1.50	0.78	0.60	0.60	
9	0.48	2.06	1.41	12.15	2.62	5.99	4.30	2.34	1.41	0.87	0.60	0.60	
10	0.48	1.92	1.41	9.56	2.90	5.70	5.99	2.48	1.41	0.87	0.60	0.60	
11	0.48	2.62	1.32	6.28	3.46	6.57	6.57	2.20	1.41	0.78	0.60	0.48	
12	0.48	2.20	1.32	5.70	3.74	6.28	6.57	2.20	1.41	0.78	0.60	0.48	
13	0.48	2.20	1.32	5.70	4.02	6.86	6.57	1.92	1.41	0.78	0.60	0.48	
14	0.48	2.62	1.32	6.28	4.02	9.88	6.57	1.92	1.50	0.78	0.60	0.48	
15	0.48	3.18	1.32	5.70	4.02	9.56	6.28	1.92	1.50	0.60	0.48	0.48	
16	0.48	3.74	1.78	5.42	3.74	9.88	5.99	2.06	1.32	0.60	0.48	0.48	
17	0.60	4.02	1.78	5.14	3.74	9.56	5.14	1.92	1.32	0.60	0.48	0.48	
18	0.60	4.02	2.06	5.70	13.20	8.92	4.30	1.78	1.32	0.60	0.48	0.48	
19	0.60	4.02	1.41	5.99	5.99	8.31	3.74	1.78	1.32	0.60	0.48	0.48	
20	0.60	4.02	1.41	5.14	2.62	10.84	3.18	1.78	1.32	0.60	0.48	0.48	
21	0.54	3.46	1.78	19.20	5.99	10.20	2.76	1.92	1.23	0.60	0.48	0.42	
22	0.54	2.76	1.92	16.47	4.02	8.02	2.48	1.92	1.23	0.60	0.48	0.42	
23	0.78	2.76	2.06	12.15	7.73	7.15	2.76	1.92	1.23	0.60	0.48	0.36	
24	0.60	2.62	2.20	7.44	8.92	5.42	2.48	1.78	1.05	0.60	0.48	0.36	
25	0.78	2.34	1.78	6.86	10.84	5.14	2.48	1.78	1.05	0.60	0.48	0.36	
26	0.78	2.20	1.78	14.60	14.25	5.14	2.48	1.78	0.87	0.60	0.42	0.42	
27	0.78	2.20	3.74	27.60	9.24	5.70	2.48	1.78	0.87	0.60	0.42	0.42	
28	0.78	2.20	2.48	17.25	8.60	5.70	2.48	1.78	0.78	0.60	0.42	0.42	
29	0.87	2.20	1.78	13.55	8.02	5.42	2.48	1.78	0.78	0.30	0.42	0.42	
30	0.87	2.20	1.50	16.47	14.25	5.14	2.48	1.78	0.78	0.30	0.42	0.42	
31		2.20		33.24	13.20		2.48		0.78	0.30		0.42	
Total	17.40	74.00	52.01	366.23	184.57	246.54	130.52	61.52	39.30	21.39	17.61	14.46	1225.55 CMSDAY
Mean	0.58	2.39	1.73	11.81	5.95	8.22	4.21	2.05	1.27	0.69	0.61	0.47	3.35 CMS
Max	0.87	4.02	3.74	33.24	14.25	18.81	6.57	2.48	1.50	1.05	1.14	0.60	33.24 CMS
Min	0.48	0.60	1.32	5.14	2.62	5.14	2.48	1.78	0.78	0.30	0.42	0.30	0.30 CMS
Runoff	1.50	6.39	4.49	31.64	15.95	21.30	11.28	5.32	3.40	1.85	1.52	1.25	105.89 MCM
Momentary Peak	41.28	CMS. at 173.29 m. (MSL.) at 12.00 Hours , on Jul 31, 2007											
Runoff Yield	7.90	Liters/Second/Square KM.		Momentary Peak Yield		97.13	Liters/Second/Square KM.						

WATER YEAR : 2007**YOM RIVER BASIN****Yom River at Ban Bang Klan, Phichit (Y.40)**

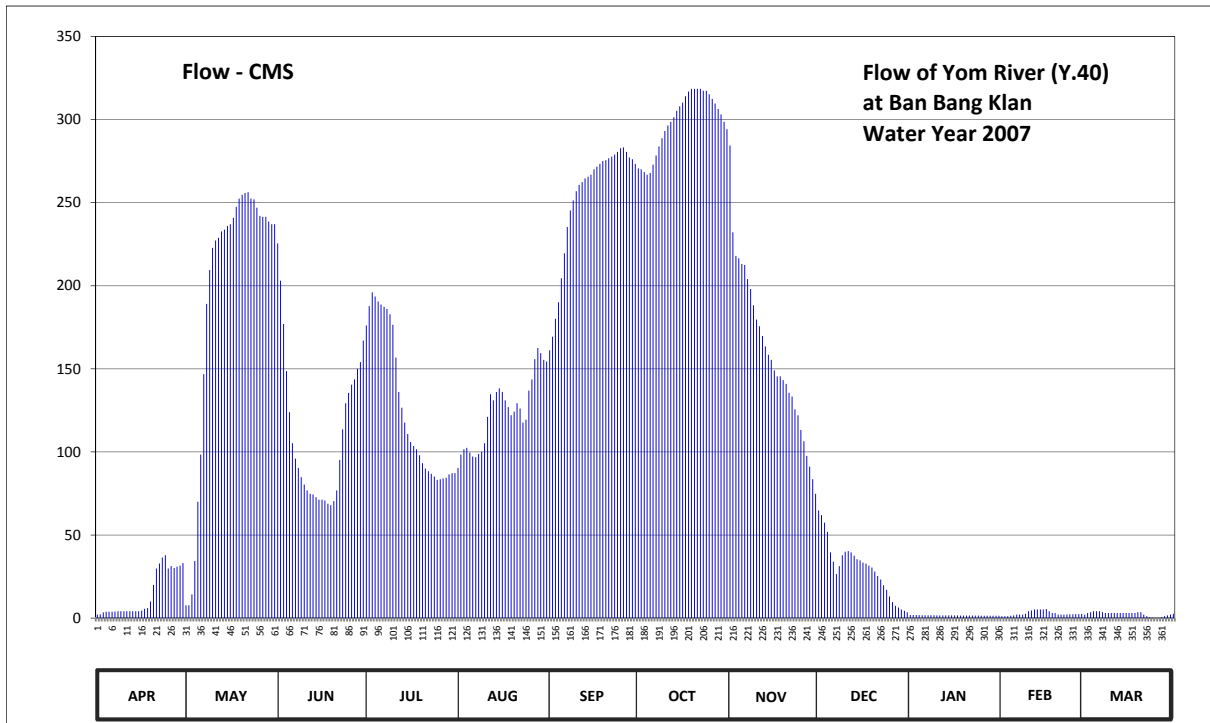
Lat 16 - 01 - 00 N Long 100 - 16 - 30 E

Location : on left bank at Ban Bang Klan.

	Ban	Bang Klan	Amphoe	Pho Thale	Changwat	Phichit
Drainage Area	24,421	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+20.510	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank near the gage site.				Elevation	+31.006 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	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 16 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.31	21.78	27.30	26.29	24.31	25.96	28.12	28.37	23.67	21.28	21.21	21.31	
2	21.33	21.78	26.86	26.55	24.51	26.14	28.11	27.42	23.60	21.28	21.21	21.41	
3	21.45	22.09	26.31	26.72	24.59	26.38	28.08	27.16	23.47	21.28	21.21	21.46	
4	21.48	22.81	25.68	26.67	24.61	26.60	28.05	27.13	23.31	21.28	21.24	21.51	
5	21.48	23.80	25.13	26.61	24.54	26.89	28.07	27.06	22.96	21.27	21.26	21.51	
6	21.48	24.51	24.68	26.57	24.48	27.19	28.16	27.05	22.80	21.27	21.31	21.51	
7	21.49	25.64	24.45	26.54	24.47	27.48	28.26	26.88	22.55	21.27	21.31	21.46	
8	21.51	26.58	24.31	26.51	24.52	27.66	28.36	26.76	22.71	21.27	21.31	21.41	
9	21.51	26.99	24.17	26.44	24.55	27.77	28.45	26.56	22.91	21.27	21.36	21.41	
10	21.51	27.25	24.06	26.30	24.68	27.87	28.53	26.37	22.97	21.26	21.51	21.41	
11	21.51	27.33	23.97	25.86	25.07	27.94	28.59	26.28	22.98	21.26	21.56	21.41	
12	21.51	27.36	23.92	25.40	25.37	27.97	28.63	26.15	22.96	21.26	21.61	21.41	
13	21.51	27.43	23.91	25.19	25.29	28.01	28.68	26.01	22.90	21.26	21.61	21.41	
14	21.51	27.45	23.87	24.99	25.40	28.03	28.75	25.90	22.84	21.26	21.61	21.41	
15	21.51	27.49	23.83	24.82	25.45	28.05	28.80	25.83	22.82	21.26	21.61	21.41	
16	21.55	27.51	23.83	24.70	25.40	28.11	28.84	25.69	22.78	21.26	21.63	21.41	
17	21.64	27.58	23.82	24.64	25.29	28.14	28.91	25.61	22.76	21.26	21.51	21.41	
18	21.67	27.70	23.77	24.59	25.20	28.17	28.96	25.61	22.72	21.25	21.41	21.41	
19	21.90	27.79	23.75	24.50	25.09	28.20	28.99	25.56	22.68	21.25	21.41	21.46	
20	22.32	27.83	23.81	24.38	25.14	28.21	28.99	25.51	22.60	21.25	21.31	21.46	
21	22.66	27.85	23.97	24.30	25.25	28.23	28.99	25.39	22.51	21.25	21.31	21.31	
22	22.76	27.86	24.43	24.26	25.18	28.25	28.99	25.34	22.44	21.25	21.31	21.21	
23	22.87	27.79	24.89	24.22	24.99	28.27	28.97	25.17	22.31	21.25	21.32	21.11	
24	22.91	27.78	25.25	24.18	25.03	28.30	28.97	25.09	22.20	21.25	21.33	21.06	
25	22.66	27.69	25.39	24.13	25.42	28.34	28.93	24.88	22.04	21.24	21.33	21.01	
26	22.71	27.60	25.50	24.14	25.57	28.35	28.88	24.71	21.88	21.24	21.34	21.01	
27	22.67	27.59	25.57	24.15	25.84	28.30	28.83	24.49	21.76	21.24	21.34	21.11	
28	22.70	27.59	25.71	24.16	25.99	28.24	28.77	24.33	21.69	21.24	21.35	21.21	
29	22.72	27.54	25.80	24.21	25.92	28.22	28.71	24.14	21.61	21.24	21.35	21.26	
30	22.77	27.51	26.09	24.23	25.83	28.17	28.63	23.92	21.54	21.24	21.31	21.31	
31		27.51		24.23	25.81		28.55		21.45	21.24		21.36	
Mean	21.95	26.55	24.80	25.18	25.12	27.78	28.63	25.88	22.59	21.26	21.39	21.34	
Max	22.91	27.86	27.30	26.72	25.99	28.35	28.99	28.37	23.67	21.28	21.63	21.51	28.99
Min	21.31	21.78	23.75	24.13	24.31	25.96	28.05	23.92	21.45	21.24	21.21	21.01	21.01
Annual Max Momentary Gage Height	28.99		m. (MSL.) ,			at 13.00 Hours ,							
Zero Gage at Bottom Elevation	20.51		m. (MSL.) ,			River Bed	18.68	m. (MSL.)					
Left Bank Elevation		30.44		m. (MSL.) ,									
Right Bank Elevation		29.51		m. (MSL.) ,		Drainage Are	24,421	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.10	7.70	225.50	176.05	90.40	161.20	270.60	284.35	64.80	1.80	1.10	2.10		
2	2.30	7.70	203.00	187.75	98.40	169.30	270.05	232.10	62.00	1.80	1.10	3.10		
3	3.50	14.25	176.95	196.00	101.60	180.10	268.40	218.00	57.45	1.80	1.10	3.60		
4	3.80	34.35	148.60	193.50	102.40	190.00	266.75	216.50	51.85	1.80	1.40	4.10		
5	3.80	70.00	123.85	190.50	99.60	204.50	267.85	213.00	39.60	1.70	1.60	4.10		
6	3.80	98.40	105.20	188.65	97.20	219.50	272.80	212.50	34.00	1.70	2.10	4.10		
7	3.90	146.80	96.00	187.30	96.80	235.40	278.30	204.00	26.50	1.70	2.10	3.60		
8	4.10	189.10	90.40	185.95	98.80	245.30	283.80	198.00	31.30	1.70	2.10	3.10		
9	4.10	209.50	84.80	182.80	100.00	251.35	288.75	188.20	37.85	1.70	2.60	3.10		
10	4.10	222.75	80.40	176.50	105.20	256.85	293.15	179.65	39.95	1.60	4.10	3.10		
11	4.10	227.15	76.80	156.70	121.15	260.70	296.45	175.60	40.30	1.60	4.60	3.10		
12	4.10	228.80	74.80	136.00	134.65	262.35	298.65	169.75	39.60	1.60	5.15	3.10		
13	4.10	232.65	74.40	126.55	131.05	264.55	301.40	163.45	37.50	1.60	5.15	3.10		
14	4.10	233.75	72.80	117.60	136.00	265.65	305.25	158.50	35.40	1.60	5.15	3.10		
15	4.10	235.95	71.20	110.80	138.25	266.75	308.00	155.35	34.70	1.60	5.15	3.10		
16	4.50	237.05	71.20	106.00	136.00	270.05	310.20	149.05	33.40	1.60	5.45	3.10		
17	5.60	240.90	70.80	103.60	131.05	271.70	314.05	145.45	32.80	1.60	4.10	3.10		
18	6.05	247.50	68.80	101.60	127.00	273.35	316.80	145.45	31.60	1.50	3.10	3.10		
19	10.00	252.45	68.00	98.00	122.05	275.00	318.45	143.20	30.40	1.50	3.10	3.60		
20	20.00	254.65	70.40	93.20	124.30	275.55	318.45	140.95	28.00	1.50	2.10	3.60		
21	29.80	255.75	76.80	90.00	129.25	276.65	318.45	135.55	25.30	1.50	2.10	2.10		
22	32.80	256.30	95.20	88.40	126.10	277.75	318.45	133.30	23.20	1.50	2.10	1.10		
23	36.45	252.45	113.60	86.80	117.60	278.85	317.35	125.65	19.75	1.50	2.20	0.55		
24	37.85	251.90	129.25	85.20	119.35	280.50	317.35	122.05	17.00	1.50	2.30	0.30		
25	29.80	246.95	135.55	83.20	136.90	282.70	315.15	113.20	13.00	1.40	2.30	0.05		
26	31.30	242.00	140.50	83.60	143.65	283.25	312.40	106.40	9.60	1.40	2.40	0.05		
27	30.10	241.45	143.65	84.00	155.80	280.50	309.65	97.60	7.40	1.40	2.40	0.55		
28	31.00	241.45	149.95	84.40	162.55	277.20	306.35	91.20	6.35	1.40	2.50	1.10		
29	31.60	238.70	154.00	86.40	159.40	276.10	303.05	83.60	5.15	1.40	2.50	1.60		
30	33.10	237.05	167.05	87.20	155.35	273.35	298.65	74.80	4.40	1.40		2.10		
31		237.05		87.20	154.45		294.25		3.50	1.40		2.60		
Total	425.95	6092.45	3359.45	3961.45	3852.30	7586.00	9259.25	4776.40	923.65	48.80	83.15	78.10	40446.95	CMSDAY
Mean	14.20	196.53	111.98	127.79	124.27	252.87	298.69	159.21	29.80	1.57	2.87	2.52	110.51	CMS
Max	37.85	256.30	225.50	196.00	162.55	283.25	318.45	284.35	64.80	1.80	5.45	4.10	318.45	CMS
Min	2.10	7.70	68.00	83.20	90.40	161.20	266.75	74.80	3.50	1.40	1.10	0.05	0.05	CMS
Runoff	36.80	526.39	290.26	342.27	332.84	655.43	800.00	412.68	79.80	4.22	7.18	6.75	3494.62	MCM
Momentary Peak		318.45	CMS.	at 28.99 m. (MSL.)	at 13.00 Hours	on Oct 19, 2007								
Runoff Yield		4.54	Liters/Second/Square KM.		Momentary Peak Yield	13.04	Liters/Second/Square KM.							

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Forestry Office , Nan (N.1)

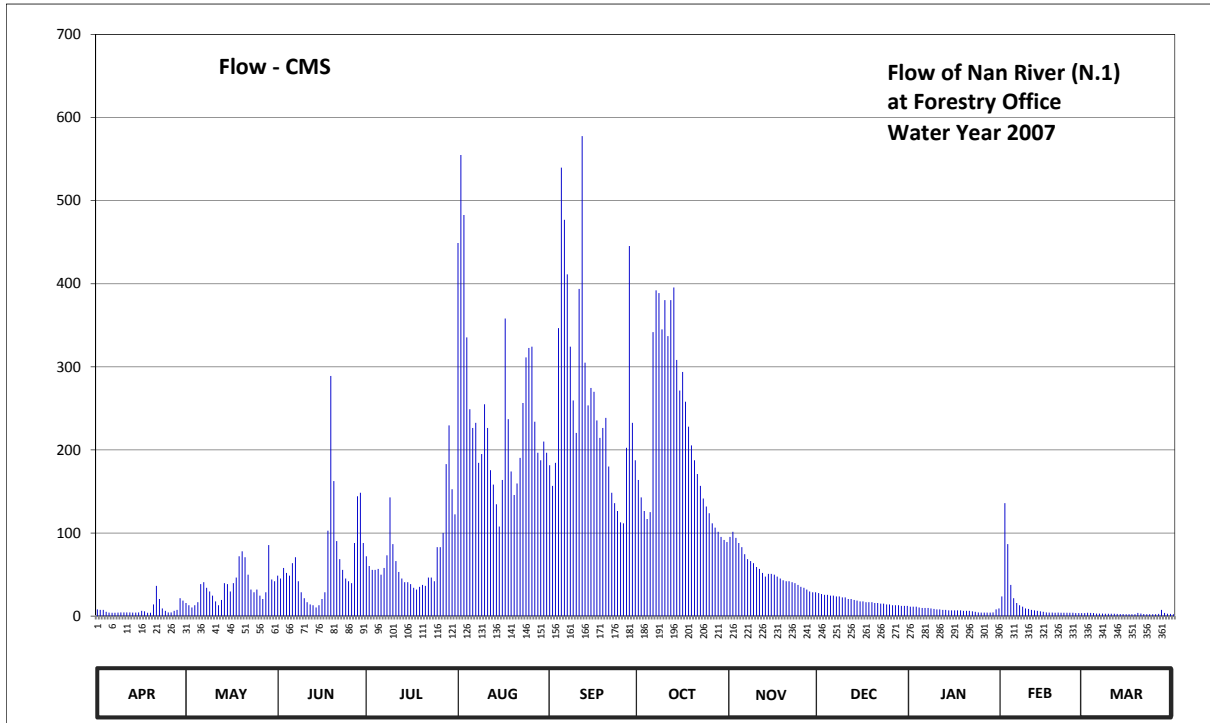
Lat 18 - 46 - 26 N Long 100 - 46 - 56 E

Location : on right bank in front of Forestry Office.

	Ban Forestry Office	Amphoe Mueang	Changwat Nan
Drainage 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 48 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	192.46	192.56	192.87	193.07	195.55	193.89	193.77	193.26	192.68	192.51	192.64	192.36	
2	192.45	192.53	192.84	192.97	196.11	193.72	193.62	193.31	192.67	192.51	193.57	192.38	
3	192.45	192.50	192.95	192.93	195.73	193.91	193.50	193.25	192.66	192.51	193.19	192.37	
4	192.41	192.53	192.90	192.93	194.89	194.96	193.43	193.20	192.66	192.50	192.77	192.36	
5	192.39	192.57	192.87	192.94	194.34	196.03	193.49	193.16	192.65	192.49	192.62	192.33	
6	192.38	192.78	193.00	192.88	194.19	195.70	194.93	193.09	192.65	192.49	192.56	192.33	
7	192.38	192.80	193.06	192.95	194.23	195.34	195.23	193.04	192.64	192.49	192.53	192.33	
8	192.39	192.74	192.81	193.08	193.91	194.82	195.21	193.02	192.64	192.48	192.51	192.32	
9	192.40	192.70	192.69	193.62	193.98	194.41	194.95	193.00	192.63	192.47	192.48	192.32	
10	192.40	192.65	192.62	193.19	194.38	194.15	195.16	192.96	192.63	192.46	192.47	192.32	
11	192.40	192.58	192.57	193.02	194.19	195.24	194.90	192.94	192.61	192.46	192.45	192.32	
12	192.40	192.53	192.54	192.91	193.85	196.23	195.16	192.90	192.61	192.45	192.44	192.31	
13	192.39	192.60	192.53	192.84	193.73	194.70	195.25	192.86	192.60	192.45	192.43	192.30	
14	192.39	192.79	192.50	192.80	193.56	194.37	194.72	192.89	192.59	192.44	192.42	192.30	
15	192.40	192.78	192.53	192.80	193.36	194.51	194.49	192.89	192.58	192.44	192.41	192.29	
16	192.43	192.70	192.61	192.78	193.77	194.48	194.63	192.88	192.58	192.44	192.40	192.28	
17	192.42	192.79	192.69	192.74	195.03	194.25	194.40	192.86	192.57	192.44	192.39	192.28	
18	192.38	192.85	193.32	192.72	194.26	194.11	194.20	192.84	192.57	192.44	192.39	192.28	
19	192.38	193.07	194.60	192.75	193.84	194.19	194.05	192.82	192.57	192.43	192.38	192.37	
20	192.54	193.12	193.76	192.77	193.64	194.27	193.93	192.81	192.56	192.43	192.39	192.33	
21	192.76	193.06	193.22	192.76	193.74	193.88	193.82	192.81	192.56	192.43	192.38	192.30	
22	192.61	192.88	193.04	192.85	193.95	193.66	193.72	192.80	192.55	192.42	192.38	192.29	
23	192.48	192.72	192.93	192.85	194.39	193.57	193.61	192.79	192.55	192.41	192.38	192.29	
24	192.43	192.69	192.84	192.81	194.74	193.50	193.54	192.77	192.54	192.40	192.38	192.29	
25	192.40	192.72	192.81	193.16	194.81	193.40	193.48	192.75	192.54	192.39	192.38	192.28	
26	192.40	192.65	192.79	193.16	194.82	193.39	193.39	192.74	192.53	192.39	192.36	192.31	
27	192.43	192.61	193.20	193.30	194.24	194.03	193.35	192.72	192.53	192.39	192.36	192.45	
28	192.45	192.69	193.63	193.90	193.99	195.53	193.31	192.70	192.53	192.39	192.36	192.37	
29	192.62	193.18	193.66	194.21	193.93	194.23	193.26	192.69	192.52	192.40	192.36	192.32	
30	192.59	192.83	193.20	193.69	194.08	193.93	193.23	192.69	192.52	192.46		192.31	
31		192.81		193.47	193.99		193.21		192.52	192.48		192.29	
Mean	192.45	192.74	192.99	193.06	194.30	194.41	194.09	192.91	192.59	192.45	192.51	192.32	
Max	192.76	193.18	194.60	194.21	196.11	196.23	195.25	193.31	192.68	192.51	193.57	192.45	196.23
Min	192.38	192.50	192.50	192.72	193.36	193.39	193.21	192.69	192.52	192.39	192.36	192.28	192.28
Annual Max Momentary Gage Height	196.93		m. (MSL.) ,				at 01.00 Hours , on Sep 12, 2007						
Zero Gage at Bottom Elevation	192.20		m. (MSL.) ,			River Bed	188.20	m. (MSL.)					
Left Bank Elevation		203.91		m. (MSL.) ,									
Right Bank Elevation		203.80		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.04	15.86	48.64	72.06	449.00	181.50	163.80	95.28	27.66	11.31	23.58	3.70	
2	7.45	13.13	45.28	60.26	554.90	156.80	142.88	101.47	26.64	11.31	135.99	4.10	
3	7.45	10.40	57.90	55.54	482.70	184.50	126.40	94.05	25.62	11.31	86.67	3.90	
4	5.09	13.13	52.00	55.54	335.40	346.60	116.95	87.90	25.62	10.40	37.47	3.70	
5	4.30	16.77	48.64	56.72	249.00	539.70	125.05	82.98	24.60	9.81	21.54	3.10	
6	4.10	38.58	63.80	49.76	226.50	477.00	341.80	74.42	24.60	9.81	15.86	3.10	
7	4.10	40.80	70.88	57.90	232.50	411.20	392.10	68.52	23.58	9.81	13.13	3.10	
8	4.30	34.14	41.92	73.24	184.50	324.20	388.70	66.16	23.58	9.22	11.31	2.90	
9	4.50	29.70	28.68	142.88	195.00	259.50	345.00	63.80	22.56	8.63	9.22	2.90	
10	4.50	24.60	21.54	86.67	255.00	220.50	380.20	59.08	22.56	8.04	8.63	2.90	
11	4.50	17.68	16.77	66.16	226.50	393.80	337.00	56.72	20.52	8.04	7.45	2.90	
12	4.50	13.13	14.04	53.18	175.50	577.70	380.20	52.00	20.52	7.45	6.86	2.70	
13	4.30	19.50	13.13	45.28	158.20	305.00	395.50	47.52	19.50	7.45	6.27	2.50	
14	4.30	39.69	10.40	40.80	134.62	253.50	308.20	50.88	18.59	6.86	5.68	2.50	
15	4.50	38.58	13.13	40.80	107.82	274.60	271.50	50.88	17.68	6.86	5.09	2.37	
16	6.27	29.70	20.52	38.58	163.80	270.00	293.80	49.76	17.68	6.86	4.50	2.24	
17	5.68	39.69	28.68	34.14	358.10	235.50	258.00	47.52	16.77	6.86	4.30	2.24	
18	4.10	46.40	102.74	31.92	237.00	214.50	228.00	45.28	16.77	6.86	4.30	2.24	
19	4.10	72.06	289.00	35.25	174.00	226.50	205.50	43.04	16.77	6.27	4.10	3.90	
20	14.04	78.06	162.40	37.47	145.66	238.50	187.50	41.92	15.86	6.27	4.30	3.10	
21	36.36	70.88	90.36	36.36	159.60	180.00	171.00	41.92	15.86	6.27	4.10	2.50	
22	20.52	49.76	68.52	46.40	190.50	148.44	156.80	40.80	14.95	5.68	4.10	2.37	
23	9.22	31.92	55.54	46.40	256.50	135.99	141.49	39.69	14.95	5.09	4.10	2.37	
24	6.27	28.68	45.28	41.92	311.40	126.40	131.88	37.47	14.04	4.50	4.10	2.37	
25	4.50	31.92	41.92	82.98	322.60	112.90	123.70	35.25	14.04	4.30	4.10	2.24	
26	4.50	24.60	39.69	82.98	324.20	111.63	111.63	34.14	13.13	4.30	3.70	2.70	
27	6.27	20.52	87.90	100.20	234.00	202.50	106.55	31.92	13.13	4.30	3.70	7.45	
28	7.45	28.68	144.27	183.00	196.50	445.40	101.47	29.70	13.13	4.30	3.70	3.90	
29	21.54	85.44	148.44	229.50	187.50	232.50	95.28	28.68	12.22	4.50	3.70	2.90	
30	18.59	44.16	87.90	152.61	210.00	187.50	91.59	28.68	12.22	8.04		2.70	
31		41.92		122.35	196.50		89.13		12.22	9.22		2.37	
Total	245.34	1090.08	1959.91	2258.85	7635.00	7974.36	6708.60	1627.43	577.57	229.93	451.55	93.96	30852.58 CMSDAY
Mean	8.18	35.16	65.33	72.87	246.29	265.81	216.41	54.25	18.63	7.42	15.57	3.03	84.30 CMS
Max	36.36	85.44	289.00	229.50	554.90	577.70	395.50	101.47	27.66	11.31	135.99	7.45	577.70 CMS
Min	4.10	10.40	10.40	31.92	107.82	111.63	89.13	28.68	12.22	4.30	3.70	2.24	2.24 CMS
Runoff	21.20	94.18	169.34	195.16	659.66	688.98	579.62	140.61	49.90	19.87	39.01	8.12	2665.66 MCM
Momentary Peak		717.00	CMS.	at 196.93 m. (MSL.)	at 01.00 Hours	, on Sep 12, 2007							
Runoff Yield		18.54	Liters/Second/Square KM.		Momentary Peak Yield	157.24	Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Nai Mueang , Uttaradit (N.2B)

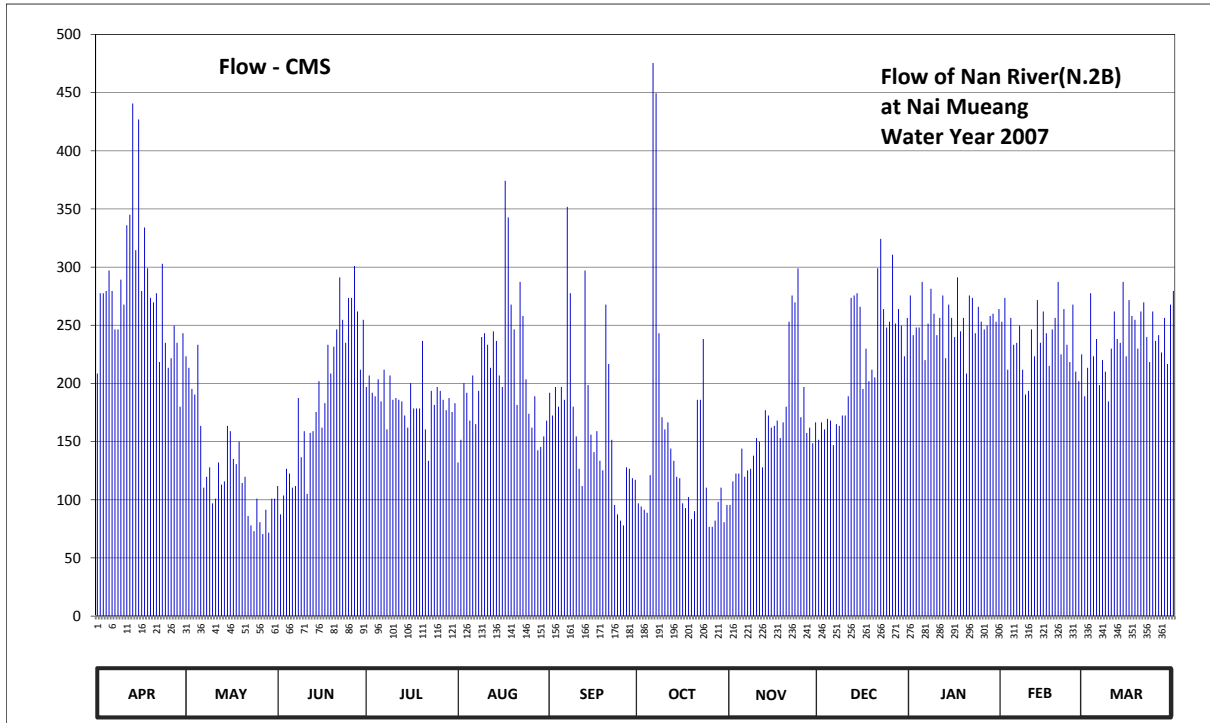
Lat 17 - 36 - 30 N Long 100 - 06 - 08 E

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	+63.138 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	53.70	53.79	53.05	53.63	53.20	53.60	52.94	52.93	53.33	54.09	53.97	53.58	
2	54.10	53.73	52.87	53.69	53.33	53.47	52.92	53.08	53.43	53.90	54.08	53.73	
3	54.10	53.62	52.99	53.60	53.65	53.63	52.90	53.13	53.39	53.94	53.72	54.10	
4	54.11	53.59	53.16	53.58	53.60	53.52	52.88	53.13	53.45	53.94	53.99	53.79	
5	54.20	53.85	53.13	53.67	53.44	53.63	53.12	53.28	53.44	54.15	53.85	53.88	
6	54.11	53.41	53.04	53.55	53.69	53.56	54.95	53.11	53.30	53.77	53.86	53.64	
7	53.93	53.04	53.05	53.72	53.42	54.47	54.86	53.15	53.42	53.96	53.95	53.77	
8	53.93	53.11	53.57	53.39	53.61	54.10	53.91	53.16	53.41	54.12	53.72	53.71	
9	54.16	53.17	53.23	53.69	53.89	53.52	53.46	53.24	53.47	54.01	53.59	53.55	
10	54.05	52.94	53.38	53.56	53.91	53.35	53.39	53.34	53.47	53.90	53.61	53.83	
11	54.40	52.97	53.00	53.57	53.85	53.16	53.43	53.32	53.58	53.99	53.93	54.02	
12	54.44	53.20	53.37	53.56	53.73	53.05	53.28	53.17	54.08	54.09	53.79	53.88	
13	54.83	53.06	53.38	53.55	53.92	54.20	53.21	53.50	54.09	53.78	54.07	53.86	
14	54.29	53.08	53.49	53.47	53.87	53.64	53.11	53.47	54.10	54.05	53.86	54.15	
15	54.78	53.41	53.66	53.40	53.69	53.36	53.10	53.40	54.04	53.99	54.02	53.79	
16	54.11	53.38	53.40	53.65	53.63	53.26	52.94	53.41	53.62	53.89	53.91	54.07	
17	54.39	53.22	53.54	53.51	54.57	53.38	52.91	53.44	53.83	54.17	53.74	54.00	
18	54.21	53.19	53.85	53.51	54.43	53.21	52.98	53.34	53.66	53.92	53.93	53.98	
19	54.08	53.32	53.70	53.51	54.05	53.15	52.84	53.43	53.72	53.99	53.99	53.83	
20	54.06	53.07	53.84	53.87	53.93	54.05	52.89	53.52	53.68	53.70	54.15	54.02	
21	54.10	53.11	53.93	53.39	53.53	53.75	53.56	53.97	54.21	54.09	53.80	54.06	
22	53.76	52.86	54.17	53.21	54.15	53.33	53.56	54.09	54.34	54.08	54.03	53.89	
23	54.23	52.80	53.98	53.61	54.00	52.93	53.88	54.06	54.03	53.91	53.85	53.76	
24	53.86	52.76	53.86	53.53	53.67	52.87	53.04	54.21	53.94	54.04	53.76	54.02	
25	53.73	52.97	54.08	53.63	53.48	52.83	52.79	53.46	53.97	53.97	54.05	53.87	
26	53.78	52.82	54.08	53.61	53.40	52.80	52.79	53.63	54.27	53.93	53.71	53.90	
27	53.95	52.74	54.22	53.56	53.58	53.17	52.83	53.37	53.96	53.95	53.66	53.81	
28	53.86	52.90	54.02	53.50	53.27	53.16	52.95	53.40	54.03	54.00	53.80	53.99	
29	53.52	52.75	53.72	53.57	53.29	53.10	53.04	53.31	53.95	54.01	53.74	53.75	
30	53.91	52.97	53.98	53.49	53.35	53.09	52.82	53.43	53.79	53.97	53.97	54.05	
31		52.97		53.54	53.44		52.93		53.99	54.03		54.11	
Mean	54.09	53.15	53.56	53.56	53.70	53.41	53.23	53.42	53.77	53.98	53.87	53.88	
Max	54.83	53.85	54.22	53.87	54.57	54.47	54.95	54.21	54.34	54.17	54.15	54.15	54.95
Min	53.52	52.74	52.87	53.21	53.20	52.80	52.79	52.93	53.30	53.70	53.59	53.55	52.74
Annual Max Momentary Gage Height	55.34		m. (MSL.) ,				at 08.00 Hours ,	on Apr 13 , 2007					
Zero Gage at Bottom Elevation		52.30	m. (MSL.) ,			River Bed	48.64	m. (MSL.)					
Left Bank Elevation		61.27	m. (MSL.) ,										
Right Bank Elevation		61.91	m. (MSL.) ,			Drainage Are	16,865	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	208.50	223.35	111.75	196.95	132.00	192.00	96.90	95.55	151.50	275.55	253.05	189.00		
2	277.50	213.45	87.45	206.85	151.50	172.50	94.20	115.80	166.50	241.50	273.60	213.45		
3	277.50	195.30	103.65	192.00	200.25	196.95	91.50	122.55	160.50	248.10	211.80	277.50		
4	279.45	190.50	126.60	189.00	192.00	180.00	88.80	122.55	169.50	248.10	256.35	223.35		
5	297.00	233.25	122.55	203.55	168.00	196.95	121.20	144.00	168.00	287.25	233.25	238.20		
6	279.45	163.50	110.40	184.50	206.85	186.00	475.50	119.85	147.00	220.05	234.90	198.60		
7	246.45	110.40	111.75	211.80	165.00	351.75	449.40	125.25	165.00	251.40	249.75	220.05		
8	246.45	119.85	187.50	160.50	193.65	277.50	243.15	126.60	163.50	281.40	211.80	210.15		
9	289.20	127.95	136.50	206.85	239.85	180.00	171.00	138.00	172.50	259.95	190.50	184.50		
10	267.75	96.90	159.00	186.00	243.15	154.50	160.50	153.00	172.50	241.50	193.65	229.95		
11	336.00	100.95	105.00	187.50	233.25	126.60	166.50	150.00	189.00	256.35	246.45	261.90		
12	345.00	132.00	157.50	186.00	213.45	111.75	144.00	127.95	273.60	275.55	223.35	238.20		
13	440.70	113.10	159.00	184.50	244.80	297.00	133.50	177.00	275.55	221.70	271.65	234.90		
14	314.55	115.80	175.50	172.50	236.55	198.60	119.85	172.50	277.50	267.75	234.90	287.25		
15	426.90	163.50	201.90	162.00	206.85	156.00	118.50	162.00	265.80	256.35	261.90	223.35		
16	279.45	159.00	162.00	200.25	196.95	141.00	96.90	163.50	195.30	239.85	243.15	271.65		
17	334.05	135.00	183.00	178.50	374.25	159.00	92.85	168.00	229.95	291.15	215.10	258.00		
18	298.95	130.65	233.25	178.50	342.75	133.50	102.30	153.00	201.90	244.80	246.45	254.70		
19	273.60	150.00	208.50	178.50	267.75	125.25	83.40	166.50	211.80	256.35	256.35	229.95		
20	269.70	114.45	231.60	236.55	246.45	267.75	90.15	180.00	205.20	208.50	287.25	261.90		
21	277.50	119.85	246.45	160.50	181.50	216.75	186.00	253.05	298.95	275.55	225.00	269.70		
22	218.40	86.10	291.15	133.50	287.25	151.50	186.00	275.55	324.30	273.60	263.85	239.85		
23	302.85	78.00	254.70	193.65	258.00	95.55	238.20	269.70	263.85	243.15	233.25	218.40		
24	234.90	73.00	234.90	181.50	203.55	87.45	110.40	298.95	248.10	265.80	218.40	261.90		
25	213.45	100.95	273.60	196.95	174.00	82.05	76.75	171.00	253.05	253.05	267.75	236.55		
26	221.70	80.70	273.60	193.65	162.00	78.00	76.75	196.95	310.65	246.45	210.15	241.50		
27	249.75	70.50	300.90	186.00	189.00	127.95	82.05	157.50	251.40	249.75	201.90	226.65		
28	234.90	91.50	261.90	177.00	142.50	126.60	98.25	162.00	263.85	258.00	225.00	256.35		
29	180.00	71.75	211.80	187.50	145.50	118.50	110.40	148.50	249.75	259.95	215.10	216.75		
30	243.15	100.95	254.70	175.50	154.50	117.15	80.70	166.50	223.35	253.05	253.05	267.75		
31		100.95		183.00	168.00		95.55		256.35	263.85		279.45		
Total	8364.75	3963.15	5678.10	5771.55	6521.10	5006.10	4481.15	4983.30	6905.70	7915.35	6855.60	7421.40	73867.25	CMSDAY
Mean	278.82	127.84	189.27	186.18	210.36	166.87	144.55	166.11	222.76	255.33	236.40	239.40	201.82	CMS
Max	440.70	233.25	300.90	236.55	374.25	351.75	475.50	298.95	324.30	291.15	287.25	287.25	475.50	CMS
Min	180.00	70.50	87.45	133.50	132.00	78.00	76.75	95.55	147.00	208.50	190.50	184.50	70.50	CMS
Runoff	722.71	342.42	490.59	498.66	563.42	432.53	387.17	430.56	596.65	683.89	592.32	641.21	6382.13	MCM
Momentary Peak	623.20 CMS. at 55.34 m. (MSL.) at 08.00 Hours , on Apr 13 , 2007													
Runoff Yield	12.00	Liters/Second/Square KM.		Momentary Peak Yield			36.95	Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Rat Chang Khwan , Pichit (N.7A)

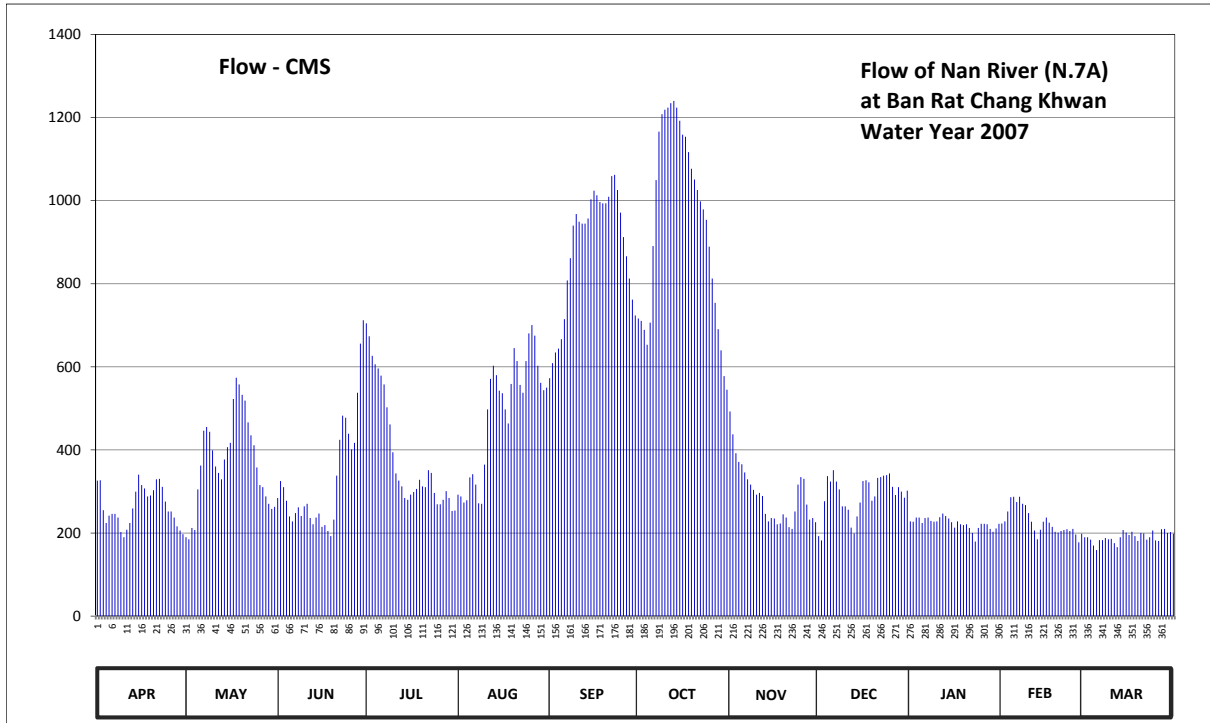
Lat 16 - 28 - 03 N Long 100 - 20 - 05 E

Location : on right bank in front of Pichit Phitthaya Khom School

	Ban Rat Chang Khwan	Amphoe Mueang	Changwat Pichit
Drainage Area	27,897 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+26.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of Pichit Phitthaya Khom School.	Elevation	+42.146 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Naresuan Dam. Stage-discharge relation defined by 25 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	29.60	28.26	29.20	32.66	29.28	31.66	32.74	31.02	28.29	28.65	28.60	28.26	
2	29.61	28.21	29.59	32.44	29.24	31.95	32.70	30.58	28.18	28.64	28.65	28.26	
3	28.92	28.49	29.45	32.09	29.10	32.15	32.55	30.19	29.13	28.74	28.89	28.20	
4	28.61	28.44	29.14	31.93	29.15	32.22	32.29	30.01	29.70	28.74	29.22	28.05	
5	28.79	29.40	28.77	31.85	29.67	32.39	32.67	29.96	29.58	28.61	29.23	27.93	
6	28.83	29.93	28.65	31.71	29.74	32.73	33.88	29.78	29.83	28.73	29.11	28.19	
7	28.83	30.65	28.85	31.54	29.51	33.34	34.89	29.63	29.58	28.74	29.23	28.19	
8	28.74	30.72	28.99	31.10	29.08	33.69	35.58	29.51	29.40	28.66	29.07	28.24	
9	28.39	30.63	28.78	30.77	29.07	34.20	35.82	29.39	29.01	28.64	29.04	28.21	
10	28.26	30.25	29.01	30.21	29.95	34.38	35.88	29.28	29.01	28.65	28.85	28.22	
11	28.45	29.91	29.07	29.76	31.06	34.26	35.91	29.32	28.93	28.75	28.64	28.11	
12	28.61	29.77	28.73	29.60	31.65	34.23	35.97	29.25	28.50	28.84	28.43	28.01	
13	28.96	29.63	28.58	29.47	31.90	34.23	36.00	28.83	28.36	28.78	28.21	28.26	
14	29.35	30.06	28.74	29.20	31.72	34.31	35.91	28.65	28.77	28.72	28.45	28.44	
15	29.73	30.32	28.84	29.16	31.42	34.60	35.73	28.73	29.10	28.63	28.64	28.38	
16	29.50	30.41	28.52	29.28	31.37	34.73	35.54	28.72	29.59	28.50	28.74	28.32	
17	29.42	31.26	28.56	29.34	31.06	34.66	35.51	28.58	29.61	28.65	28.62	28.40	
18	29.24	31.67	28.42	29.41	30.79	34.56	35.30	28.60	29.56	28.58	28.52	28.29	
19	29.26	31.54	28.29	29.62	31.55	34.54	35.06	28.82	29.14	28.56	28.40	28.17	
20	29.38	31.34	28.69	29.47	32.23	34.54	34.90	28.74	29.24	28.58	28.38	28.37	
21	29.63	31.23	29.71	29.45	31.99	34.64	34.74	28.51	29.66	28.49	28.42	28.36	
22	29.64	30.81	30.47	29.83	31.53	34.95	34.57	28.47	29.68	28.37	28.44	28.20	
23	29.46	30.56	30.94	29.77	31.38	34.97	34.45	28.89	29.71	28.15	28.46	28.26	
24	29.12	30.36	30.90	29.32	31.99	34.74	34.29	29.51	29.72	28.49	28.42	28.43	
25	28.89	29.89	30.59	29.06	32.49	34.40	33.87	29.68	29.76	28.59	28.47	28.18	
26	28.89	29.50	30.27	29.06	32.63	34.02	33.37	29.64	29.46	28.59	28.33	28.17	
27	28.74	29.45	30.41	29.16	32.45	33.72	32.99	29.05	29.27	28.58	28.13	28.46	
28	28.53	29.24	31.38	29.36	31.90	33.37	32.56	28.69	29.45	28.47	28.35	28.47	
29	28.43	29.07	32.31	29.20	31.57	33.04	32.19	28.73	29.35	28.40	28.29	28.37	
30	28.34	28.95	32.71	28.90	31.43	32.79	31.70	28.63	29.21	28.48		28.39	
31		29.00		28.91	31.48		31.44		29.37	28.59		28.35	
Mean	29.00	29.97	29.55	30.08	30.95	33.80	34.23	29.25	29.26	28.60	28.63	28.26	
Max	29.73	31.67	32.71	32.66	32.63	34.97	36.00	31.02	29.83	28.84	29.23	28.47	36.00
Min	28.26	28.21	28.29	28.90	29.07	31.66	31.44	28.47	28.18	28.15	28.13	27.93	27.93
Annual Max Momentary Gage Height	36.02		m. (MSL.) ,				at 12.00 Hours ,						on Oct 13, 2007
Zero Gage at Bottom Elevation	26.00		m. (MSL.) ,			River Bed	21.27	m. (MSL.)					
Left Bank Elevation		39.36		m. (MSL.) ,									
Right Bank Elevation		39.31		m. (MSL.) ,		Drainage Are	27,897	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	326.00	189.70	284.00	704.70	292.40	572.50	716.30	492.50	192.55	228.00	223.00	189.70		
2	327.10	184.95	324.95	673.60	288.20	608.75	710.50	437.60	182.10	227.00	228.00	189.70		
3	255.00	212.00	310.25	626.70	273.50	634.50	689.00	391.85	276.65	237.00	252.00	184.00		
4	224.00	207.00	277.70	606.25	278.75	643.70	653.15	371.15	337.00	237.00	286.10	169.75		
5	242.00	305.00	240.00	596.25	333.70	666.65	706.15	365.60	323.90	224.00	287.15	159.05		
6	246.00	362.30	228.00	578.75	341.40	714.85	890.60	345.80	351.30	236.00	274.55	183.05		
7	246.00	446.25	248.00	557.50	316.55	807.80	1049.40	329.30	323.90	237.00	287.15	183.05		
8	237.00	455.00	262.00	502.50	271.40	861.47	1165.88	316.55	305.00	229.00	270.35	187.80		
9	202.05	443.75	241.00	461.25	270.35	940.00	1208.12	303.95	264.05	227.00	267.20	184.95		
10	189.70	398.75	264.05	394.15	364.50	967.90	1218.68	292.40	264.05	228.00	248.00	185.90		
11	208.00	360.10	270.35	343.60	497.50	949.30	1223.96	296.60	256.00	238.00	227.00	175.45		
12	224.00	344.70	236.00	326.00	571.25	944.65	1234.52	289.25	213.00	247.00	206.00	165.95		
13	259.00	329.30	221.00	312.35	602.50	944.65	1239.80	246.00	199.20	241.00	184.95	189.70		
14	299.75	376.90	237.00	284.00	580.00	957.05	1223.96	228.00	240.00	235.00	208.00	207.00		
15	340.30	406.80	247.00	279.80	542.50	1003.00	1192.28	236.00	273.50	226.00	227.00	201.10		
16	315.50	417.20	215.00	292.40	536.25	1023.80	1158.84	235.00	324.95	213.00	237.00	195.40		
17	307.10	522.50	219.00	298.70	497.50	1012.60	1153.56	221.00	327.10	228.00	225.00	203.00		
18	288.20	573.75	205.00	306.05	463.75	996.60	1116.60	223.00	321.80	221.00	215.00	192.55		
19	290.30	557.50	192.55	328.20	558.75	993.40	1076.60	245.00	277.70	219.00	203.00	181.15		
20	302.90	532.50	232.00	312.35	645.05	993.40	1051.00	237.00	288.20	221.00	201.10	200.15		
21	329.30	518.75	338.10	310.25	613.75	1009.40	1025.40	214.00	332.60	212.00	205.00	199.20		
22	330.40	466.25	424.40	351.30	556.25	1059.00	998.20	210.00	334.80	200.15	207.00	184.00		
23	311.30	435.20	482.50	344.70	537.50	1062.20	979.00	252.00	338.10	179.25	209.00	189.70		
24	275.60	411.40	477.50	296.60	613.75	1025.40	953.95	316.55	339.20	212.00	205.00	206.00		
25	252.00	357.90	438.80	269.30	680.60	971.00	889.07	334.80	343.60	222.00	210.00	182.10		
26	252.00	315.50	401.05	269.30	700.35	912.10	812.40	330.40	311.30	222.00	196.35	181.15		
27	237.00	310.25	417.20	279.80	675.00	866.07	754.13	268.25	291.35	221.00	177.35	209.00		
28	216.00	288.20	537.50	300.80	602.50	812.40	690.40	232.00	310.25	210.00	198.25	210.00		
29	206.00	270.35	655.85	284.00	561.25	761.80	639.70	236.00	299.75	203.00	192.55	200.15		
30	197.30	258.00	711.95	253.00	543.75	723.55	577.50	226.00	285.05	211.00	202.05	202.05		
31	263.00			254.00	550.00		545.00		301.85	222.00		198.25		
Total	7936.80	11520.75	9839.70	11998.15	15160.50	26439.49	29543.65	8723.55	9029.80	6913.40	6558.05	5890.00	149553.84	CMSDAY
Mean	264.56	371.64	327.99	387.04	489.05	881.32	953.02	290.78	291.28	223.01	226.14	190.00	408.62	CMS
Max	340.30	573.75	711.95	704.70	700.35	1062.20	1239.80	492.50	351.30	247.00	287.15	210.00	1239.80	CMS
Min	189.70	184.95	192.55	253.00	270.35	572.50	545.00	210.00	182.10	179.25	177.35	159.05	159.05	CMS
Runoff	685.74	995.39	850.15	1036.64	1309.87	2284.37	2552.57	753.71	780.17	597.32	566.62	508.90	12921.45	MCM
Momentary Peak	1243.32 CMS. at 36.02 m. (MSL.) at 12.00 Hours , on Oct 13, 2007													
Runoff Yield	14.69 Liters/Second/Square KM.			Momentary Peak Yield				44.57 Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Hor Krai , Phichit (N.8A)

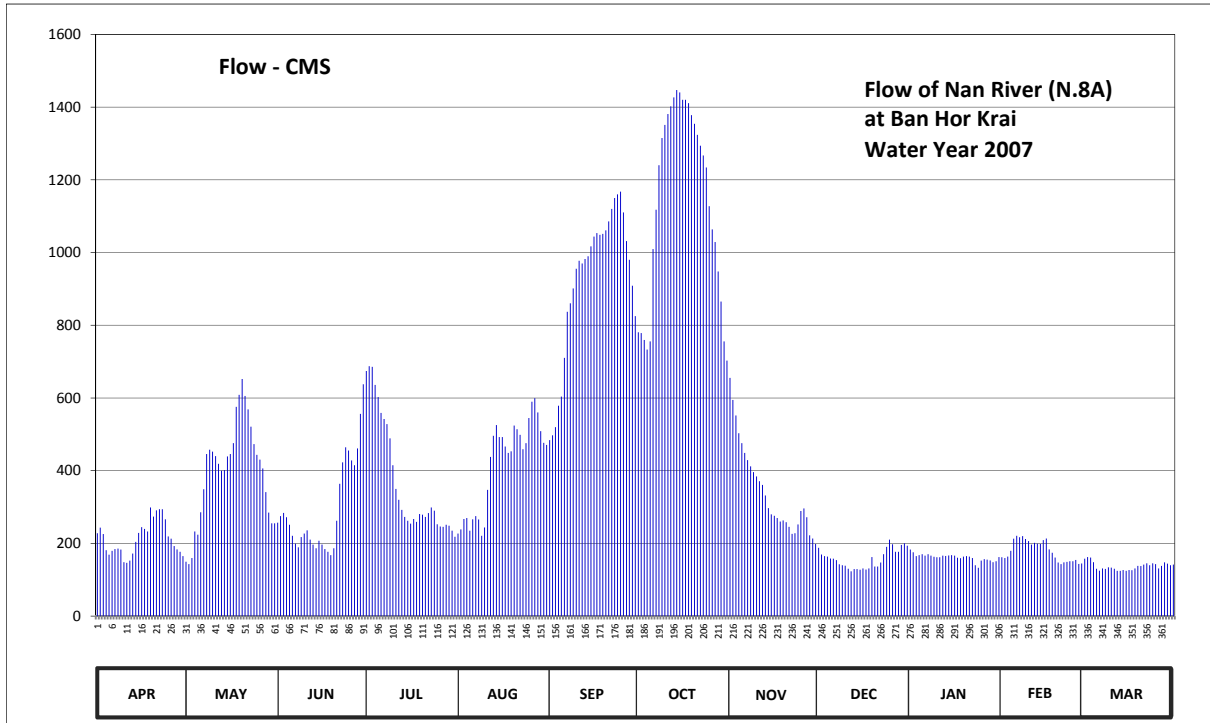
Lat 16 - 04 - 45 N Long 100 - 24 - 00 E

Location : on right bank opposite to Wat Bang Mun Nak.

	Ban	Hor Krai	Amphoe	Bang Mun Nak	Changwat	Phichit
Drainage Area	31,472	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+20.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 89 meters upstream from the top staff gage.				Elevation	+30.948 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	Stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +30.780 m.(MSL.) and is including overbank flow.					
General Description	Records good. Flow effected by Naresuan Dam. Stage-discharge relation defined by 28 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	23.85	22.76	24.21	27.79	23.84	26.50	28.35	27.67	23.34	23.27	22.95	22.89	
2	24.04	22.65	24.44	27.86	23.98	26.61	28.34	27.29	23.07	23.16	22.92	22.96	
3	23.82	22.92	24.55	27.85	24.34	26.77	28.24	27.00	23.00	23.00	22.98	22.94	
4	23.25	23.91	24.40	27.55	24.37	27.19	28.10	26.65	22.98	23.04	23.22	22.74	
5	23.06	23.80	24.14	27.34	23.94	27.35	28.22	26.43	22.90	23.08	23.66	22.44	
6	23.22	24.57	23.76	27.05	24.33	27.98	29.31	26.19	22.89	23.02	23.76	22.35	
7	23.29	25.21	23.49	26.93	24.44	28.60	29.75	26.01	22.83	23.08	23.71	22.45	
8	23.31	26.16	23.36	26.83	24.32	28.70	30.20	25.84	22.64	23.02	23.75	22.43	
9	23.27	26.27	23.72	26.54	23.76	28.87	30.45	25.68	22.60	22.97	23.65	22.50	
10	22.74	26.22	23.84	25.87	24.05	29.09	30.57	25.56	22.58	22.95	23.58	22.49	
11	22.71	26.11	23.95	25.22	25.19	29.18	30.67	25.43	22.44	22.95	23.46	22.44	
12	22.81	25.91	23.63	24.92	26.09	29.15	30.74	25.33	22.32	23.02	23.52	22.34	
13	23.11	25.72	23.46	24.64	26.60	29.20	30.82	25.04	22.42	23.01	23.49	22.34	
14	23.55	25.74	23.32	24.41	26.81	29.23	30.88	24.69	22.42	23.03	23.48	22.38	
15	23.86	26.10	23.59	24.28	26.57	29.34	30.86	24.50	22.39	23.04	23.61	22.34	
16	24.06	26.16	23.46	24.18	26.57	29.45	30.80	24.45	22.45	23.02	23.67	22.38	
17	24.00	26.43	23.29	24.34	26.35	29.49	30.80	24.37	22.40	22.93	23.28	22.37	
18	23.91	27.17	23.18	24.24	26.19	29.47	30.77	24.25	22.45	22.91	23.14	22.45	
19	24.71	27.38	23.04	24.51	26.23	29.48	30.66	24.29	22.96	22.98	22.94	22.57	
20	24.42	27.65	23.32	24.49	26.80	29.52	30.58	24.23	22.54	23.00	22.72	22.56	
21	24.63	27.36	24.28	24.41	26.73	29.62	30.48	24.07	22.54	22.98	22.65	22.63	
22	24.66	27.12	25.36	24.54	26.62	29.76	30.38	23.83	22.72	22.92	22.73	22.69	
23	24.66	26.78	25.95	24.71	26.28	29.88	30.29	23.85	23.08	22.60	22.75	22.60	
24	24.33	26.41	26.33	24.62	26.43	29.92	30.18	24.15	23.38	22.48	22.78	22.69	
25	23.74	26.14	26.25	24.16	26.95	29.95	29.79	24.61	23.63	22.81	22.78	22.65	
26	23.66	26.02	26.00	24.08	27.26	29.72	29.53	24.68	23.47	22.87	22.84	22.45	
27	23.41	25.78	25.87	24.07	27.32	29.40	29.39	24.40	23.18	22.85	22.66	22.57	
28	23.28	25.13	26.30	24.14	27.06	29.19	29.06	23.78	23.18	22.82	22.68	22.73	
29	23.18	24.56	27.03	24.11	26.69	28.90	28.72	23.67	23.45	22.74	22.83	22.67	
30	23.00	24.19	27.56	23.94	26.44	28.55	28.22	23.48	23.50	22.78	22.78	22.60	
31		24.19		23.73	26.39		27.94		23.42	22.96		22.63	
Mean	23.65	25.57	24.50	25.27	25.77	28.87	29.78	25.05	22.88	22.94	23.18	22.56	
Max	24.71	27.65	27.56	27.86	27.32	29.95	30.88	27.67	23.63	23.27	23.76	22.96	30.88
Min	22.71	22.65	23.04	23.73	23.76	26.50	27.94	23.48	22.32	22.48	22.65	22.34	22.32
Annual Max Momentary Gage Height	30.90		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	20.00		m. (MSL.) ,			River Bed	19.33	m. (MSL.)					
Left Bank Elevation	30.77		m. (MSL.) ,										
Right Bank Elevation	31.12		m. (MSL.) ,		Drainage Are	31,472	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	228.00	149.60	256.80	674.40	227.20	484.00	780.50	655.20	187.80	182.90	161.75	157.85		
2	243.20	143.00	275.20	687.40	238.40	497.40	778.60	594.40	169.55	175.40	159.80	162.40		
3	225.60	159.80	284.00	685.50	267.20	519.80	759.60	552.00	165.00	165.00	163.70	161.10		
4	181.50	232.80	272.00	636.00	269.60	578.60	733.00	503.00	163.70	167.60	179.40	148.40		
5	168.90	224.00	251.20	602.40	235.20	604.00	755.80	475.60	158.50	170.20	212.80	130.40		
6	179.40	285.60	220.80	559.00	266.40	710.20	1009.46	448.90	157.85	166.30	220.80	125.00		
7	184.30	349.00	199.20	542.20	275.20	837.00	1117.70	429.10	153.95	170.20	216.80	131.00		
8	185.70	445.60	189.20	528.20	265.60	860.50	1240.00	412.00	142.40	166.30	220.00	129.80		
9	182.90	457.70	217.60	488.80	220.80	901.22	1315.00	396.00	140.00	163.05	212.00	134.00		
10	148.40	452.20	227.20	415.00	244.00	955.34	1351.00	384.00	138.80	161.75	206.40	133.40		
11	146.60	440.10	236.00	350.00	347.00	977.48	1381.00	371.00	130.40	161.75	196.80	130.40		
12	152.65	419.00	210.40	320.00	437.90	970.10	1402.00	361.00	123.20	166.30	201.60	124.40		
13	172.15	400.00	196.80	292.00	496.00	982.40	1426.80	332.00	129.20	165.65	199.20	124.40		
14	204.00	402.00	186.40	272.80	525.40	989.78	1447.20	297.00	129.20	166.95	198.40	126.80		
15	228.80	439.00	207.20	262.40	492.40	1016.84	1440.40	280.00	127.40	167.60	208.80	124.40		
16	244.80	445.60	196.80	254.40	492.40	1043.90	1420.00	276.00	131.00	166.30	213.60	126.80		
17	240.00	475.60	184.30	267.20	466.50	1053.74	1420.00	269.60	128.00	160.45	183.60	126.20		
18	232.80	575.80	176.70	259.20	448.90	1048.82	1411.00	260.00	131.00	159.15	174.10	131.00		
19	299.00	608.80	167.60	280.80	453.30	1051.28	1378.00	263.20	162.40	163.70	161.10	138.20		
20	273.60	652.00	186.40	279.20	524.00	1061.12	1354.00	258.40	136.40	165.00	147.20	137.60		
21	291.00	605.60	262.40	272.80	514.20	1085.72	1324.00	245.60	136.40	163.70	143.00	141.80		
22	294.00	568.80	364.00	283.20	498.80	1120.16	1294.00	226.40	147.20	159.80	147.80	145.40		
23	294.00	521.20	423.00	299.00	458.80	1150.00	1267.00	228.00	170.20	140.00	149.00	140.00		
24	266.40	473.20	464.30	290.00	475.60	1160.00	1234.00	252.00	190.60	132.80	150.80	145.40		
25	219.20	443.40	455.50	252.80	545.00	1167.50	1127.54	289.00	210.40	152.65	150.80	143.00		
26	212.80	430.20	428.00	246.40	589.60	1110.32	1063.58	296.00	197.60	156.55	154.60	131.00		
27	192.80	406.00	415.00	245.60	599.20	1031.60	1029.14	272.00	176.70	155.25	143.60	138.20		
28	183.60	341.00	461.00	251.20	560.40	979.94	947.96	222.40	176.70	153.30	144.80	147.80		
29	176.70	284.80	556.20	248.80	508.60	908.60	865.20	213.60	196.00	148.40	153.95	144.20		
30	165.00	255.20	637.60	235.20	476.80	825.25	755.80	198.40	200.00	150.80		140.00		
31		255.20		218.40	470.90		702.60		193.60	162.40		141.80		
Total	6417.80	12341.80	8808.80	11500.30	12891.30	27682.61	35531.88	10261.80	4901.15	5007.20	5176.20	4262.15	144782.99	CMSDAY
Mean	213.93	398.12	293.63	370.98	415.85	922.75	1146.19	342.06	158.10	161.52	178.49	137.49	395.58	CMS
Max	299.00	652.00	637.60	687.40	599.20	1167.50	1447.20	655.20	210.40	182.90	220.80	162.40	1447.20	CMS
Min	146.60	143.00	167.60	218.40	220.80	484.00	702.60	198.40	123.20	132.80	143.00	124.40	123.20	CMS
Runoff	554.50	1066.33	761.08	993.63	1113.81	2391.78	3069.95	886.62	423.46	432.62	447.22	368.25	12509.25	MCM
Momentary Peak	1454.00 CMS. at 30.90 m. (MSL.) at 18.00 Hours , on Oct 14, 2007													
Runoff Yield	12.60 Liters/Second/Square KM.			Momentary Peak Yield				46.20 Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Taphan Hin , Phichit (N.10A)

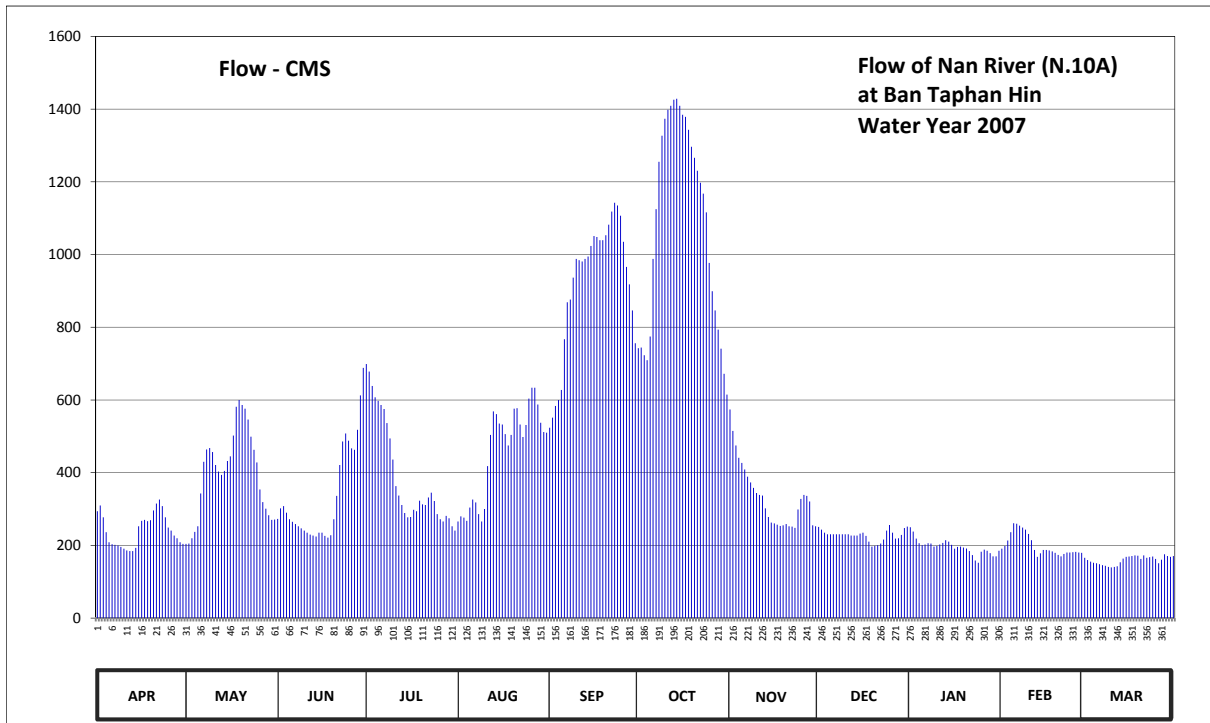
Lat 16 - 13 - 00 N Long 100 - 25 - 19 E

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	Staff gage.		
Zero Gage at Bottom	+22.280 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near automatic gage building.	Elevation	+30.948 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	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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Naresuan Dam. Stage-discharge relation defined by 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	25.54	24.52	25.32	29.16	25.24	27.83	29.45	28.23	25.07	25.06	24.36	24.05	
2	25.70	24.53	25.62	29.02	25.40	28.05	29.46	27.75	24.98	24.92	24.45	23.97	
3	25.37	24.70	25.68	28.75	25.36	28.31	29.32	27.35	24.88	24.69	24.63	23.91	
4	24.90	24.91	25.50	28.50	25.26	28.44	29.23	27.01	24.83	24.54	24.90	23.87	
5	24.57	25.09	25.31	28.42	25.64	28.66	29.65	26.87	24.83	24.48	25.19	23.85	
6	24.51	26.03	25.23	28.33	25.86	29.61	30.79	26.69	24.83	24.50	25.17	23.82	
7	24.49	26.90	25.16	28.24	25.78	30.15	31.40	26.49	24.83	24.54	25.11	23.78	
8	24.47	27.24	25.09	27.93	25.46	30.19	31.91	26.33	24.83	24.53	25.05	23.76	
9	24.42	27.28	25.02	27.54	25.24	30.51	32.17	26.18	24.83	24.43	24.98	23.72	
10	24.36	27.17	24.95	26.96	25.60	30.79	32.34	26.04	24.83	24.45	24.84	23.70	
11	24.30	26.81	24.88	26.23	26.78	30.77	32.43	25.99	24.83	24.50	24.64	23.72	
12	24.28	26.63	24.82	25.97	27.64	30.75	32.47	25.97	24.79	24.55	24.32	23.74	
13	24.28	26.54	24.79	25.71	28.19	30.79	32.53	25.62	24.79	24.64	24.08	23.89	
14	24.39	26.65	24.76	25.49	28.13	30.82	32.54	25.38	24.79	24.59	24.20	24.02	
15	25.09	26.92	24.88	25.37	27.92	30.95	32.47	25.21	24.85	24.49	24.32	24.08	
16	25.26	27.05	24.88	25.38	27.90	31.07	32.38	25.18	24.88	24.36	24.32	24.09	
17	25.29	27.62	24.78	25.58	27.66	31.06	32.36	25.14	24.78	24.42	24.30	24.11	
18	25.25	28.29	24.72	25.54	27.35	31.02	32.23	25.10	24.59	24.43	24.27	24.13	
19	25.28	28.44	24.80	25.83	27.64	31.02	32.06	25.12	24.43	24.40	24.22	24.12	
20	25.56	28.33	25.31	25.73	28.25	31.08	31.95	25.16	24.46	24.37	24.15	24.01	
21	25.75	28.25	25.96	25.71	28.26	31.21	31.82	25.09	24.48	24.28	24.10	24.13	
22	25.86	28.01	26.81	25.92	27.90	31.37	31.69	25.08	24.53	24.14	24.18	24.05	
23	25.68	27.59	27.46	26.05	27.58	31.47	31.57	25.04	24.66	23.95	24.23	24.07	
24	25.37	27.23	27.68	25.82	27.89	31.44	31.36	25.59	24.95	23.87	24.23	24.09	
25	25.05	26.88	27.48	25.46	28.47	31.32	30.73	25.88	25.13	24.26	24.24	24.01	
26	24.95	26.14	27.27	25.31	28.71	31.00	30.31	25.99	24.88	24.33	24.25	23.85	
27	24.79	25.79	27.23	25.24	28.71	30.67	30.03	25.96	24.69	24.29	24.23	23.98	
28	24.70	25.61	27.78	25.41	28.34	30.41	29.75	25.81	24.70	24.21	24.22	24.17	
29	24.57	25.43	28.54	25.34	27.94	30.03	29.44	25.12	24.81	24.10	24.14	24.11	
30	24.52	25.29	29.09	25.09	27.72	29.54	28.98	25.09	25.03	24.10		24.08	
31		25.30		24.95	27.70		28.56		25.08	24.29		24.11	
Mean	24.95	26.55	25.89	26.45	27.15	30.34	31.08	25.92	24.80	24.41	24.46	23.97	
Max	25.86	28.44	29.09	29.16	28.71	31.47	32.54	28.23	25.13	25.06	25.19	24.17	32.54
Min	24.28	24.52	24.72	24.95	25.24	27.83	28.56	25.04	24.43	23.87	24.08	23.70	23.70
Annual Max Momentary Gage Height	32.55		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	22.28		m. (MSL.) ,			River Bed	18.06	m. (MSL.)					
Left Bank Elevation		33.19		m. (MSL.) ,									
Right Bank Elevation		33.18		m. (MSL.) ,		Drainage Are	30,328	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	294.00	204.20	272.80	699.00	265.60	523.75	742.50	573.75	250.95	250.10	190.80	166.00		
2	310.00	205.05	302.00	678.00	280.00	551.25	744.00	515.00	243.30	238.20	198.25	159.75		
3	277.30	219.50	308.00	638.75	276.40	583.75	723.00	475.00	234.80	218.65	213.55	155.25		
4	236.50	237.35	290.00	607.50	267.40	600.00	709.50	441.00	230.55	205.90	236.50	152.25		
5	208.45	252.65	271.90	597.50	304.00	627.50	774.44	427.00	230.55	200.80	261.15	150.75		
6	203.35	343.00	264.70	586.25	326.00	766.89	988.15	409.00	230.55	202.50	259.45	148.50		
7	201.65	430.00	258.60	575.00	318.00	868.81	1125.00	389.00	230.55	205.90	254.35	145.50		
8	199.95	464.00	252.65	536.25	286.00	876.36	1255.25	373.00	230.55	205.05	249.25	144.00		
9	195.70	468.00	246.70	494.00	265.60	936.35	1326.75	358.00	230.55	196.55	243.30	141.00		
10	190.80	457.00	240.75	436.00	300.00	988.15	1373.50	344.00	230.55	198.25	231.40	139.50		
11	186.00	421.00	234.80	363.00	418.00	984.45	1398.25	339.00	230.55	202.50	214.40	141.00		
12	184.40	403.00	229.70	337.00	504.00	980.75	1409.25	337.00	227.15	206.75	187.60	142.50		
13	184.40	394.00	227.15	311.00	568.75	988.15	1425.75	302.00	227.15	214.40	168.40	153.75		
14	193.20	405.00	224.60	289.00	561.25	994.50	1428.50	278.20	227.15	210.15	178.00	163.60		
15	252.65	432.00	234.80	277.30	535.00	1023.75	1409.25	262.90	232.25	201.65	187.60	168.40		
16	267.40	445.00	234.80	278.20	532.50	1050.75	1384.50	260.30	234.80	190.80	187.60	169.20		
17	270.10	502.00	226.30	298.00	506.00	1048.50	1379.00	256.90	226.30	195.70	186.00	170.80		
18	266.50	581.25	221.20	294.00	475.00	1039.50	1343.25	253.50	210.15	196.55	183.60	172.40		
19	269.20	600.00	228.00	323.00	504.00	1039.50	1296.50	255.20	196.55	194.00	179.60	171.60		
20	296.00	586.25	271.90	313.00	576.25	1053.00	1266.25	258.60	199.10	191.60	174.00	162.80		
21	315.00	576.25	336.00	311.00	577.50	1082.25	1230.50	252.65	200.80	184.40	170.00	172.40		
22	326.00	546.25	421.00	332.00	532.50	1118.25	1197.50	251.80	205.05	173.20	176.40	166.00		
23	308.00	499.00	486.00	345.00	498.00	1142.50	1167.50	248.40	216.10	158.25	180.40	167.60		
24	277.30	463.00	508.00	322.00	531.25	1135.00	1116.00	299.00	240.75	152.25	180.40	169.20		
25	249.25	428.00	488.00	286.00	603.75	1107.00	977.05	328.00	256.05	182.80	181.20	162.80		
26	240.75	354.00	467.00	271.90	633.75	1035.00	899.01	339.00	234.80	188.40	182.00	150.75		
27	227.15	319.00	463.00	265.60	633.75	965.95	846.16	336.00	218.65	185.20	180.40	160.50		
28	219.50	301.00	518.00	281.00	587.50	917.85	793.31	321.00	219.50	178.80	179.60	175.60		
29	208.45	283.00	612.50	274.60	537.50	846.16	741.00	255.20	228.85	170.00	173.20	170.80		
30	204.20	270.10	688.50	252.65	512.00	756.00	672.00	252.65	247.55	170.00		168.40		
31		271.00		240.75	510.00		615.00		251.80	185.20		170.80		
Total	7263.15	12360.85	10029.35	12114.25	14227.25	27631.62	33757.62	9992.05	7073.95	6054.50	5788.40	4953.40	151246.39	CMSDAY
Mean	242.10	398.74	334.31	390.78	458.94	921.05	1088.96	333.07	228.19	195.31	199.60	159.79	413.24	CMS
Max	326.00	600.00	688.50	699.00	633.75	1142.50	1428.50	573.75	256.05	250.10	261.15	175.60	1428.50	CMS
Min	184.40	204.20	221.20	240.75	265.60	523.75	615.00	248.40	196.55	152.25	168.40	139.50	139.50	CMS
Runoff	627.54	1067.98	866.54	1046.67	1229.23	2387.37	2916.66	863.31	611.19	523.11	500.12	427.97	13067.69	MCM
Momentary Peak		1431.25	CMS. at 32.55 m. (MSL.)											at 18.00 Hours , on Oct 13, 2007
Runoff Yield		13.66	Liters/Second/Square KM.					47.19						Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Hat Phai , Uttaradit (N.12A)

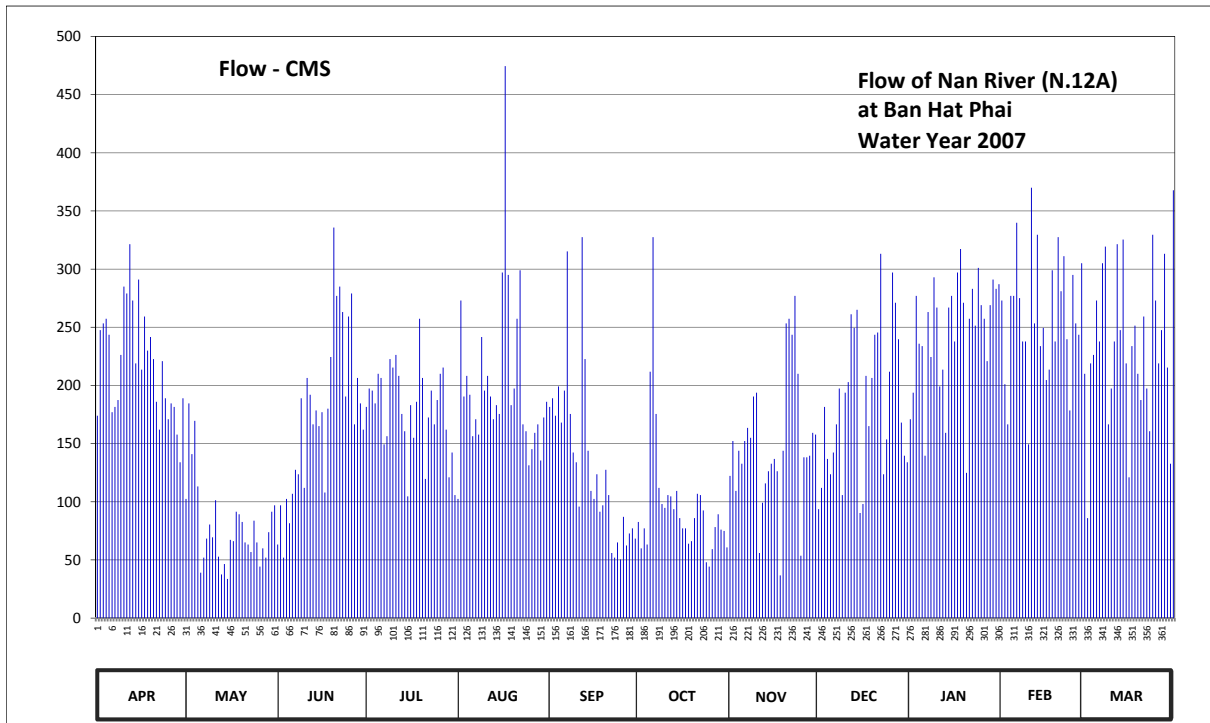
Lat 17 - 44 - 11 N Long 100 - 32 - 27 E

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 +84.000 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	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 21 discharge measurements made in 2007.			

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	71.68	71.15	70.79	71.73	71.15	71.73	70.97	71.31	71.07	71.66	72.23	71.90	
2	72.10	71.75	71.10	71.83	72.23	71.78	70.75	71.53	71.23	71.81	71.85	71.00	
3	72.13	71.45	70.65	71.82	71.79	71.68	70.92	71.21	71.73	72.25	71.63	71.95	
4	72.15	71.65	71.15	71.75	71.89	71.84	70.79	71.47	71.42	72.04	72.25	71.99	
5	72.08	71.24	70.96	71.90	71.80	71.64	71.91	71.39	71.32	72.03	72.25	72.23	
6	71.70	70.48	71.19	71.88	71.56	71.82	72.50	71.53	71.46	71.44	72.56	72.05	
7	71.73	70.65	71.35	71.51	71.66	72.44	71.69	71.61	71.63	72.18	72.24	72.39	
8	71.77	70.84	71.32	71.56	71.57	71.69	71.23	71.55	71.83	71.98	72.05	72.46	
9	71.99	70.95	71.78	71.97	72.07	71.46	71.11	71.79	71.18	72.33	72.05	71.63	
10	72.29	70.85	71.23	71.93	71.82	71.40	71.08	71.81	71.81	72.20	71.51	71.83	
11	72.26	71.14	71.88	71.99	71.89	71.09	71.18	70.70	71.86	71.84	72.70	72.05	
12	72.47	70.66	71.80	71.89	71.79	72.50	71.17	71.12	72.17	71.92	72.13	72.47	
13	72.23	70.46	71.63	71.69	71.66	71.97	71.07	71.26	72.11	71.58	72.51	72.10	
14	71.95	70.58	71.71	71.59	71.74	71.47	71.21	71.34	72.19	72.20	72.03	72.49	
15	72.32	70.41	71.62	71.17	71.69	71.21	71.00	71.39	71.04	72.25	72.11	71.95	
16	71.92	70.83	71.70	71.74	72.35	71.15	70.92	71.42	71.11	72.05	71.87	71.30	
17	72.16	70.82	71.20	71.55	73.13	71.32	70.92	71.34	71.89	72.35	71.92	72.03	
18	72.01	71.05	71.72	71.76	72.34	71.05	70.80	70.45	71.62	72.45	72.36	72.12	
19	72.07	71.03	71.98	72.15	71.74	71.10	70.82	71.47	71.88	72.22	72.05	71.90	
20	71.97	70.97	72.54	71.88	71.83	71.35	71.00	72.13	72.08	71.33	72.50	71.77	
21	71.76	70.81	72.25	71.29	72.15	71.18	71.19	72.15	72.09	72.15	72.27	72.16	
22	71.60	70.79	72.29	71.67	72.36	70.70	71.18	72.08	72.43	72.28	72.42	71.83	
23	71.96	70.71	72.18	71.82	71.63	70.65	71.06	72.25	71.32	72.12	72.06	71.59	
24	71.78	70.98	71.79	71.63	71.59	70.81	70.60	71.90	71.54	72.37	71.71	72.51	
25	71.66	70.81	72.16	71.77	71.38	70.63	70.55	70.67	71.91	72.21	72.34	72.23	
26	71.75	70.55	72.26	71.90	71.48	71.01	70.74	71.43	72.35	72.15	72.13	71.95	
27	71.73	70.75	71.63	71.93	71.58	70.78	70.93	71.43	72.22	71.96	72.08	72.10	
28	71.57	70.65	71.88	71.60	71.63	70.88	71.03	71.44	72.06	72.21	72.39	72.43	
29	71.40	70.89	71.75	71.30	71.41	70.92	70.91	71.58	71.64	72.32	72.29	71.93	
30	71.78	71.05	71.60	71.46	71.67	70.84	70.90	71.57	71.44	72.28	71.00	71.39	
31		71.10		71.18	71.76		70.76		71.40	72.30		72.69	
Mean	71.93	70.90	71.64	71.70	71.82	71.34	71.06	71.48	71.71	72.08	72.15	72.01	
Max	72.47	71.75	72.54	72.15	73.13	72.50	72.50	72.25	72.43	72.45	72.70	72.69	73.13
Min	71.40	70.41	70.65	71.17	71.15	70.63	70.55	70.45	71.04	71.33	71.51	71.00	70.41
Annual Max Momentary Gage Height	74.18		m. (MSL.) ,			at 24.00 Hours ,							
Zero Gage at Bottom Elevation	69.00		m. (MSL.) ,			River Bed	67.58		m. (MSL.)				
Left Bank Elevation		82.45		m. (MSL.) ,									
Right Bank Elevation		82.91		m. (MSL.) ,		Drainage Are	15,579		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	174.00	102.50	63.20	181.50	102.50	181.50	82.70	122.30	93.70	171.00	273.00	210.00		
2	247.50	184.50	97.00	197.40	273.00	189.00	60.00	152.20	111.90	193.80	201.00	86.00		
3	253.35	141.00	52.00	195.60	190.50	174.00	77.20	109.30	181.50	277.00	166.50	219.00		
4	257.25	169.50	102.50	184.50	208.20	199.20	63.20	143.80	136.80	235.80	277.00	226.20		
5	243.60	113.20	81.60	210.00	192.00	168.00	211.80	132.70	123.60	233.85	277.00	273.00		
6	177.00	39.00	106.90	206.40	156.40	195.60	327.50	152.20	142.40	139.60	339.80	237.75		
7	181.50	52.00	127.50	149.40	171.00	315.20	175.50	163.50	166.50	263.10	275.00	305.00		
8	187.50	68.40	123.60	156.40	157.80	175.50	111.90	155.00	197.40	224.40	237.75	319.30		
9	226.20	80.50	189.00	222.60	241.65	142.40	98.10	190.50	105.80	293.00	237.75	166.50		
10	285.00	69.50	111.90	215.40	195.60	134.00	94.80	193.80	193.80	267.00	149.40	197.40		
11	279.00	101.40	206.40	226.20	208.20	95.90	105.80	56.00	202.80	199.20	370.00	237.75		
12	321.35	52.80	192.00	208.20	190.50	327.50	104.70	99.20	261.15	213.60	253.35	321.35		
13	273.00	37.50	166.50	175.50	171.00	222.60	93.70	115.80	249.45	159.20	329.55	247.50		
14	219.00	46.50	178.50	160.60	183.00	143.80	109.30	126.20	265.05	267.00	233.85	325.45		
15	291.00	33.75	165.00	104.70	175.50	109.30	86.00	132.70	90.40	277.00	249.45	219.00		
16	213.60	67.30	177.00	183.00	297.00	102.50	77.20	136.80	98.10	237.75	204.60	121.00		
17	259.20	66.20	108.00	155.00	474.50	123.60	77.20	126.20	208.20	297.00	213.60	233.85		
18	229.95	91.50	180.00	186.00	295.00	91.50	64.00	36.75	165.00	317.25	299.00	251.40		
19	241.65	89.30	224.40	257.25	183.00	97.00	66.20	143.80	206.40	271.00	237.75	210.00		
20	222.60	82.70	335.70	206.40	197.40	127.50	86.00	253.35	243.60	124.90	327.50	187.50		
21	186.00	65.10	277.00	119.70	257.25	105.80	106.90	257.25	245.55	257.25	281.00	259.20		
22	162.00	63.20	285.00	172.50	299.00	56.00	105.80	243.60	313.15	283.00	311.10	197.40		
23	220.80	56.80	263.10	195.60	166.50	52.00	92.60	277.00	123.60	251.40	239.70	160.60		
24	189.00	83.80	190.50	166.50	160.60	65.10	48.00	210.00	153.60	301.00	178.50	329.55		
25	171.00	65.10	259.20	187.50	131.40	50.40	44.25	53.60	211.80	269.00	295.00	273.00		
26	184.50	44.25	279.00	210.00	145.20	87.10	59.20	138.20	297.00	257.25	253.35	219.00		
27	181.50	60.00	166.50	215.40	159.20	62.40	78.30	138.20	271.00	220.80	243.60	247.50		
28	157.80	52.00	206.40	162.00	166.50	72.80	89.30	139.60	239.70	269.00	305.00	313.15		
29	134.00	73.90	184.50	121.00	135.40	77.20	76.10	159.20	168.00	291.00	285.00	215.40		
30	189.00	91.50	162.00	142.40	172.50	68.40	75.00	157.80	139.60	283.00		132.70		
31		97.00		105.80	186.00		60.80		134.00	287.00		367.80		
Total	6558.85	2441.70	5261.90	5580.45	6243.30	4012.80	3009.05	4516.55	5740.55	7632.15	7545.10	7310.25	65852.65	CMSDAY
Mean	218.63	78.76	175.40	180.01	201.40	133.76	97.07	150.55	185.18	246.20	260.18	235.81	179.93	CMS
Max	321.35	184.50	335.70	257.25	474.50	327.50	327.50	277.00	313.15	317.25	370.00	367.80	474.50	CMS
Min	134.00	33.75	52.00	104.70	102.50	50.40	44.25	36.75	90.40	124.90	149.40	86.00	33.75	CMS
Runoff	566.68	210.96	454.63	482.15	539.42	346.71	259.98	390.23	495.98	659.42	651.90	631.61	5689.67	MCM
Momentary Peak		773.20	CMS.	at 74.18 m. (MSL.)	at 24.00 Hours	, on Apr 14, 2007								
Runoff Yield		11.58	Liters/Second/Square KM.		Momentary Peak Yield	49.63		Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Bun Nak , Nan (N.13A)

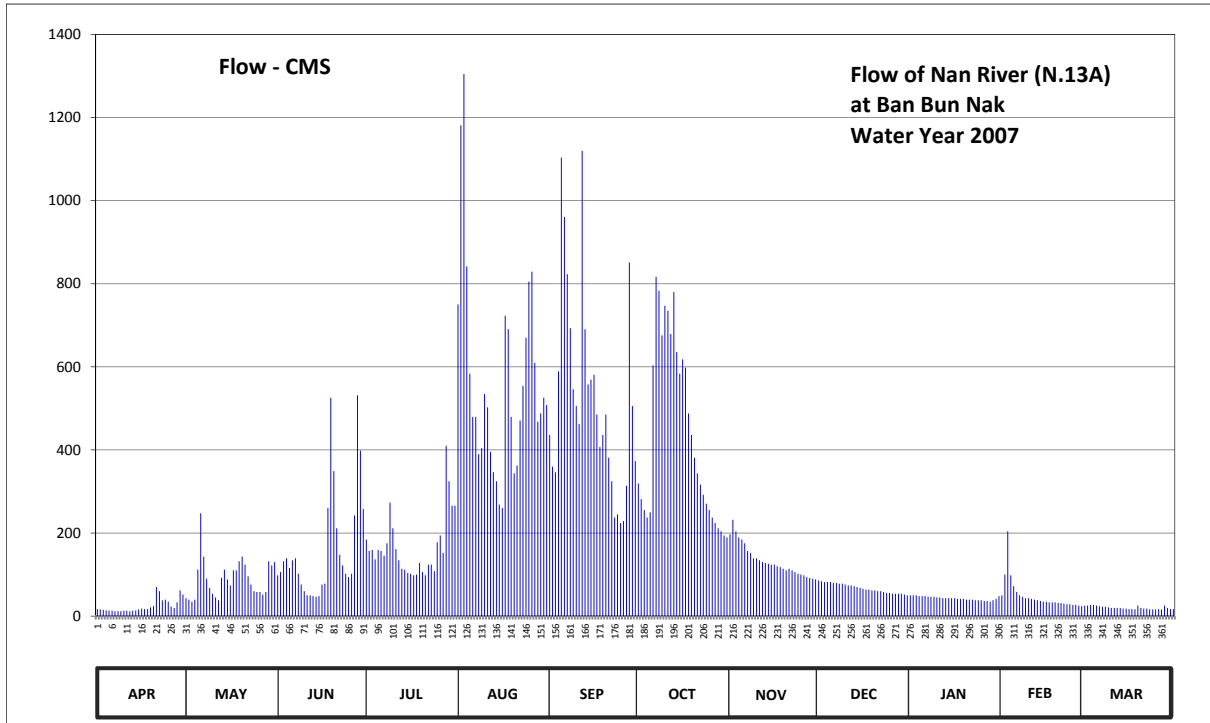
Lat 18 - 33 - 12 N Long 100 - 46 - 03 E

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	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 56 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.89	178.06	178.34	178.74	180.76	179.68	179.26	178.79	178.28	178.10	178.10	177.95	
2	177.88	178.04	178.38	178.62	182.13	179.41	179.12	178.93	178.27	178.10	178.35	177.95	
3	177.87	178.01	178.51	178.63	182.51	179.36	179.02	178.82	178.26	178.10	178.82	177.96	
4	177.86	178.04	178.54	178.53	181.06	180.21	178.95	178.76	178.26	178.09	178.34	177.96	
5	177.85	178.41	178.43	178.63	180.19	181.89	179.00	178.74	178.26	178.09	178.21	177.95	
6	177.85	178.99	178.52	178.62	179.83	181.44	180.26	178.70	178.25	178.09	178.14	177.94	
7	177.84	178.56	178.54	178.57	179.83	181.00	180.98	178.62	178.25	178.08	178.10	177.93	
8	177.84	178.30	178.36	178.70	179.52	180.57	180.87	178.60	178.24	178.08	178.08	177.93	
9	177.84	178.19	178.23	179.09	179.57	180.06	180.51	178.54	178.24	178.08	178.06	177.92	
10	177.85	178.12	178.15	178.85	180.02	179.92	180.75	178.54	178.23	178.07	178.06	177.91	
11	177.85	178.07	178.10	178.64	179.91	179.77	180.71	178.52	178.22	178.07	178.05	177.91	
12	177.84	178.03	178.10	178.52	179.54	181.94	180.52	178.50	178.22	178.06	178.04	177.91	
13	177.85	178.31	178.09	178.42	179.36	180.56	180.86	178.49	178.21	178.06	178.03	177.91	
14	177.86	178.41	178.08	178.41	179.28	180.10	180.37	178.48	178.20	178.06	178.02	177.90	
15	177.88	178.29	178.09	178.37	179.07	180.14	180.19	178.47	178.19	178.06	178.01	177.90	
16	177.90	178.22	178.23	178.36	179.04	180.18	180.31	178.47	178.18	178.06	178.01	177.89	
17	177.89	178.40	178.24	178.34	180.67	179.85	180.24	178.45	178.17	178.05	178.00	177.89	
18	177.89	178.40	179.04	178.35	180.56	179.58	179.86	178.44	178.17	178.05	178.00	177.88	
19	177.92	178.51	179.99	178.49	179.83	179.68	179.68	178.42	178.16	178.05	178.00	177.95	
20	177.94	178.56	179.37	178.38	179.35	179.85	179.49	178.40	178.16	178.04	177.99	177.91	
21	178.20	178.47	178.85	178.34	179.42	179.49	179.35	178.42	178.15	178.04	177.99	177.90	
22	178.15	178.33	178.58	178.47	179.80	179.28	179.25	178.40	178.15	178.04	177.98	177.90	
23	178.03	178.23	178.46	178.47	180.09	178.95	179.16	178.38	178.14	178.03	177.97	177.88	
24	178.04	178.15	178.36	178.39	180.49	178.98	179.08	178.36	178.13	178.03	177.97	177.88	
25	178.01	178.14	178.32	178.71	180.94	178.90	179.02	178.35	178.13	178.03	177.96	177.88	
26	177.93	178.14	178.36	178.78	181.02	178.92	178.95	178.34	178.12	178.02	177.96	177.89	
27	177.91	178.11	178.97	178.60	180.28	179.24	178.90	178.32	178.12	178.02	177.95	177.88	
28	178.00	178.14	180.01	179.59	179.79	181.09	178.85	178.31	178.12	178.01	177.94	177.95	
29	178.16	178.51	179.55	179.28	179.86	179.92	178.82	178.30	178.12	178.03	177.94	177.91	
30	178.11	178.46	179.03	179.06	179.99	179.46	178.78	178.29	178.11	178.05	178.05	177.89	
31		178.50		179.06	179.93		178.76		178.10	178.09		177.89	
Mean	177.93	178.29	178.59	178.65	180.12	179.98	179.67	178.51	178.19	178.06	178.07	177.91	
Max	178.20	178.99	180.01	179.59	182.51	181.94	180.98	178.93	178.28	178.10	178.82	177.96	182.51
Min	177.84	178.01	178.08	178.34	179.04	178.90	178.76	178.29	178.10	178.01	177.94	177.88	177.84
Annual Max Momentary Gage Height	183.06		m. (MSL.) ,				at 06.00 Hours ,						on Aug 3, 2007
Zero Gage at Bottom Elevation	177.40		m. (MSL.) ,			River Bed	175.09	m. (MSL.)					
Left Bank Elevation		190.03		m. (MSL.) ,									
Right Bank Elevation		192.62		m. (MSL.) ,		Drainage Are	8,706	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.00	43.20	98.00	184.60	750.00	436.04	319.20	196.60	86.00	50.00	50.00	25.50	
2	16.00	39.80	106.00	156.60	1181.25	359.70	281.40	231.80	84.00	50.00	100.00	25.50	
3	15.00	34.70	132.20	158.90	1304.75	346.20	255.20	204.00	82.00	50.00	204.00	27.00	
4	14.00	39.80	138.80	136.60	841.60	589.25	237.00	189.40	82.00	48.30	98.00	27.00	
5	13.00	112.00	116.00	158.90	583.47	1103.80	250.00	184.60	82.00	48.30	72.00	25.50	
6	13.00	247.40	134.40	156.60	479.40	960.60	603.71	175.00	80.00	48.30	58.00	24.00	
7	12.00	143.20	138.80	145.40	479.40	823.00	816.90	156.60	80.00	46.60	50.00	22.50	
8	12.00	90.00	102.00	175.00	389.78	693.33	783.35	152.00	78.00	46.60	46.60	22.50	
9	12.00	68.00	76.00	273.40	404.24	545.89	675.98	138.80	78.00	46.60	43.20	21.00	
10	13.00	54.00	60.00	211.50	534.33	505.42	747.00	138.80	76.00	44.90	43.20	19.50	
11	13.00	44.90	50.00	161.20	502.53	462.05	735.00	134.40	74.00	44.90	41.50	19.50	
12	12.00	38.10	50.00	134.40	395.56	1119.80	678.87	130.00	74.00	43.20	39.80	19.50	
13	13.00	92.00	48.30	114.00	346.20	690.44	780.30	128.00	72.00	43.20	38.10	19.50	
14	14.00	112.00	46.60	112.00	324.60	557.45	635.51	126.00	70.00	43.20	36.40	18.00	
15	16.00	88.00	48.30	104.00	268.20	569.02	583.47	124.00	68.00	43.20	34.70	18.00	
16	18.00	74.00	76.00	102.00	260.40	580.58	618.16	124.00	66.00	43.20	34.70	17.00	
17	17.00	110.00	78.00	98.00	723.00	485.18	597.93	120.00	64.00	41.50	33.00	17.00	
18	17.00	110.00	260.40	100.00	690.44	407.13	488.07	118.00	64.00	41.50	33.00	16.00	
19	21.00	132.20	525.65	128.00	479.40	436.04	436.04	114.00	62.00	41.50	33.00	25.50	
20	24.00	143.20	348.90	106.00	343.50	485.18	381.30	110.00	62.00	39.80	31.50	19.50	
21	70.00	124.00	211.50	98.00	362.40	381.30	343.50	114.00	60.00	39.80	31.50	18.00	
22	60.00	96.00	147.60	124.00	470.73	324.60	316.50	110.00	60.00	39.80	30.00	18.00	
23	38.10	76.00	122.00	124.00	554.56	237.00	292.20	106.00	58.00	38.10	28.50	16.00	
24	39.80	60.00	102.00	108.00	670.20	244.80	270.80	102.00	56.00	38.10	28.50	16.00	
25	34.70	58.00	94.00	177.40	804.70	224.00	255.20	100.00	56.00	38.10	27.00	16.00	
26	22.50	58.00	102.00	194.20	829.20	229.20	237.00	98.00	54.00	36.40	27.00	17.00	
27	19.50	52.00	242.20	152.00	609.49	313.80	224.00	94.00	54.00	36.40	25.50	16.00	
28	33.00	58.00	531.44	410.02	467.84	850.90	211.50	92.00	54.00	34.70	24.00	25.50	
29	62.00	132.20	398.46	324.60	488.07	505.42	204.00	90.00	54.00	38.10	24.00	19.50	
30	52.00	122.00	257.80	265.60	525.65	373.20	194.20	88.00	52.00	41.50		17.00	
31		130.00		265.60	508.31		189.40		50.00	48.30		17.00	
Total	733.60	2782.70	4843.35	5160.52	17573.20	15840.32	13642.69	3990.00	2092.00	1334.10	1366.70	625.50	69984.68 CMSDAY
Mean	24.45	89.76	161.45	166.47	566.88	528.01	440.09	133.00	67.48	43.04	47.13	20.18	191.21 CMS
Max	70.00	247.40	531.44	410.02	1304.75	1119.80	816.90	231.80	86.00	50.00	204.00	27.00	1304.75 CMS
Min	12.00	34.70	46.60	98.00	260.40	224.00	189.40	88.00	50.00	34.70	24.00	16.00	12.00 CMS
Runoff	63.38	240.43	418.47	445.87	1518.32	1368.60	1178.73	344.74	180.75	115.27	118.08	54.04	6046.68 MCM
Momentary Peak	1490.70	CMS.	at 183.06 m. (MSL.)	at 06.00 Hours	on Aug 3, 2007								
Runoff Yield	22.02	Liters/Second/Square KM.			Momentary Peak Yield	171.23	Liters/Second/Square KM.						

WATER YEAR : 2007

Nan RIVER BASIN

Nan River at Wat Luang Pho Kao , Nakhon Sawan (N.14A)

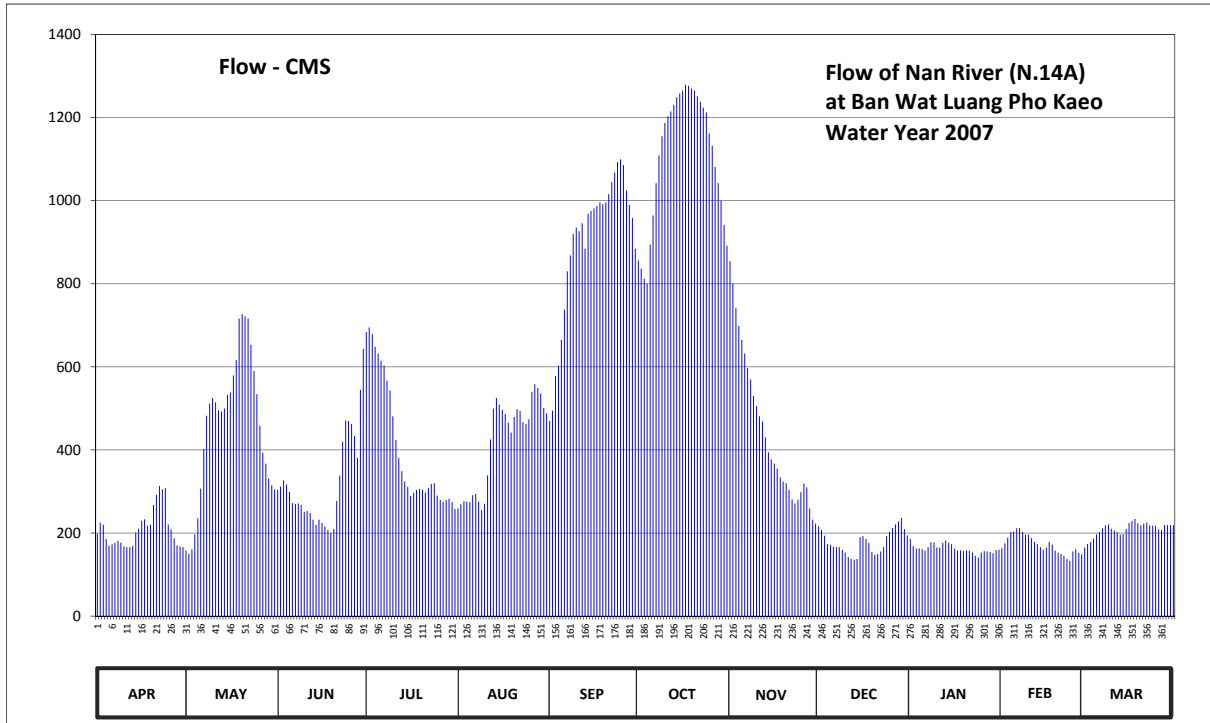
Lat 15 - 53 - 44 N Long 100 - 18 - 42 E

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 20 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.46	20.89	22.74	25.61	22.24	24.24	26.51	26.50	21.70	21.28	20.96	20.98	
2	21.81	20.77	22.82	25.67	22.37	24.42	26.41	26.23	21.59	21.03	21.13	21.11	
3	21.75	20.93	22.97	25.58	22.45	24.96	26.29	25.93	21.39	20.95	21.33	21.18	
4	21.28	21.44	22.87	25.40	22.44	25.12	26.23	25.69	21.11	20.96	21.52	21.29	
5	21.05	21.94	22.69	25.30	22.43	25.50	26.70	25.50	21.08	20.93	21.54	21.44	
6	21.10	22.77	22.40	25.19	22.61	25.91	27.04	25.30	21.01	20.88	21.64	21.52	
7	21.15	23.71	22.37	25.12	22.64	26.38	27.40	25.08	21.00	21.00	21.65	21.64	
8	21.22	24.33	22.39	24.89	22.44	26.57	27.69	24.91	21.00	21.17	21.52	21.73	
9	21.16	24.53	22.34	24.74	22.19	26.83	27.89	24.65	20.90	21.17	21.43	21.76	
10	21.02	24.62	22.14	24.32	22.38	26.90	28.03	24.49	20.81	20.99	21.43	21.63	
11	21.00	24.55	22.16	23.90	23.09	26.86	28.10	24.32	20.66	20.98	21.31	21.57	
12	21.00	24.42	22.10	23.51	23.91	26.95	28.15	24.23	20.60	21.15	21.18	21.51	
13	21.04	24.40	21.90	23.19	24.45	26.65	28.22	23.95	20.57	21.23	21.11	21.43	
14	21.50	24.45	21.75	22.94	24.62	27.06	28.30	23.64	20.59	21.16	21.00	21.45	
15	21.63	24.67	21.90	22.81	24.51	27.09	28.34	23.47	21.34	21.10	20.91	21.62	
16	21.87	24.71	21.80	22.59	24.43	27.12	28.37	23.37	21.38	20.95	20.98	21.80	
17	21.91	24.97	21.70	22.67	24.36	27.15	28.43	23.25	21.28	20.88	21.18	21.87	
18	21.72	25.20	21.59	22.74	24.21	27.19	28.42	23.04	21.15	20.89	21.09	21.92	
19	21.75	25.79	21.49	22.76	24.04	27.17	28.39	22.94	20.84	20.87	20.88	21.79	
20	22.34	25.85	21.62	22.74	24.31	27.19	28.37	22.90	20.74	20.89	20.81	21.73	
21	22.62	25.82	22.46	22.67	24.44	27.28	28.31	22.74	20.76	20.88	20.76	21.78	
22	22.83	25.79	23.08	22.78	24.41	27.41	28.25	22.50	20.85	20.82	20.70	21.82	
23	22.75	25.43	23.86	22.88	24.22	27.51	28.19	22.39	21.00	20.70	20.59	21.73	
24	22.78	25.04	24.25	22.90	24.19	27.62	28.14	22.49	21.38	20.64	20.53	21.72	
25	21.76	24.68	24.24	22.60	24.27	27.65	27.92	22.68	21.52	20.81	20.85	21.72	
26	21.61	24.16	24.19	22.49	24.72	27.59	27.79	22.89	21.65	20.86	20.93	21.61	
27	21.30	23.63	23.98	22.44	24.84	27.32	27.57	22.80	21.76	20.85	20.80	21.58	
28	21.06	23.37	23.51	22.49	24.78	27.16	27.40	22.24	21.85	20.83	20.75	21.75	
29	21.02	23.01	24.75	22.52	24.69	27.01	27.21	21.90	21.95	20.79	20.82	21.74	
30	21.00	22.85	25.37	22.43	24.46	26.65	26.93	21.78	21.62	20.90	20.90	21.74	
31		22.75		22.22	24.37		26.69		21.40	20.91		21.74	
Mean	21.58	23.92	22.78	23.55	23.73	26.68	27.67	23.79	21.18	20.95	21.08	21.61	
Max	22.83	25.85	25.37	25.67	24.84	27.65	28.43	26.50	21.95	21.28	21.65	21.92	28.43
Min	21.00	20.77	21.49	22.22	22.19	24.24	26.23	21.78	20.57	20.64	20.53	20.98	20.53
Annual Max Momentary Gage Height	28.43		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	19.00		m. (MSL.) ,			River Bed	15.49	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	198.20	158.30	304.00	683.80	259.20	469.60	856.00	854.00	216.00	185.60	163.20	164.60		
2	224.80	149.90	312.00	694.60	269.60	495.00	836.00	800.00	207.30	168.10	175.10	173.70		
3	220.00	161.10	327.00	678.60	276.50	577.60	812.00	741.40	193.30	162.50	189.10	178.60		
4	185.60	196.80	317.00	648.00	275.60	603.20	800.00	698.20	173.70	163.20	202.40	186.30		
5	169.50	235.20	299.00	632.00	274.70	665.00	894.00	665.00	171.60	161.10	203.80	196.80		
6	173.00	307.00	272.00	614.40	291.00	737.80	964.40	632.00	166.70	157.60	211.20	202.40		
7	176.50	402.10	269.60	603.20	294.00	830.00	1042.00	596.80	166.00	166.00	212.00	211.20		
8	181.40	482.20	271.20	566.40	275.60	868.00	1108.70	569.60	166.00	177.90	202.40	218.40		
9	177.20	511.50	267.20	543.00	255.20	920.30	1154.70	529.50	159.00	177.90	196.10	220.80		
10	167.40	525.00	251.20	480.80	270.40	935.00	1186.90	505.50	152.70	165.30	196.10	210.40		
11	166.00	514.50	252.80	424.00	339.00	926.60	1203.00	480.80	142.20	164.60	187.70	205.90		
12	166.00	495.00	248.00	381.00	425.20	945.50	1214.50	468.20	138.00	176.50	178.60	201.70		
13	168.80	492.00	232.00	349.00	499.50	884.00	1230.60	430.00	135.90	182.10	173.70	196.10		
14	201.00	499.50	220.00	324.00	525.00	968.60	1249.00	394.40	137.30	177.20	166.00	197.50		
15	210.40	532.50	232.00	311.00	508.50	974.90	1258.20	377.00	189.80	173.00	159.70	209.60		
16	229.60	538.50	224.00	289.10	496.50	981.20	1265.10	367.00	192.60	162.50	164.60	224.00		
17	232.80	579.20	216.00	297.00	486.40	987.50	1278.90	355.00	185.60	157.60	178.60	229.60		
18	217.60	616.00	207.30	304.00	465.40	995.90	1276.60	334.00	176.50	158.30	172.30	233.60		
19	220.00	716.20	200.30	306.00	441.60	991.70	1269.70	324.00	154.80	156.90	157.60	223.20		
20	267.20	727.00	209.60	304.00	479.40	995.90	1265.10	320.00	147.80	158.30	152.70	218.40		
21	292.00	721.60	277.40	297.00	498.00	1015.60	1251.30	304.00	149.20	157.60	149.20	222.40		
22	313.00	716.20	338.00	308.00	493.50	1044.30	1237.50	281.00	155.50	153.40	145.00	225.60		
23	305.00	653.10	419.20	318.00	466.80	1067.30	1223.70	271.20	166.00	145.00	137.30	218.40		
24	308.00	590.40	471.00	320.00	462.60	1092.60	1212.20	280.10	192.60	140.80	133.10	217.60		
25	220.80	534.00	469.60	290.00	473.80	1099.50	1161.60	298.00	202.40	152.70	155.50	217.60		
26	208.80	458.40	462.60	280.10	540.00	1085.70	1131.70	319.00	212.00	156.20	161.10	208.80		
27	187.00	393.30	433.60	275.60	558.40	1024.40	1081.10	310.00	220.80	155.50	152.00	206.60		
28	170.20	367.00	381.00	280.10	549.00	989.60	1042.00	259.20	228.00	154.10	148.50	220.00		
29	167.40	331.00	544.50	282.80	535.50	958.10	1000.20	232.00	236.00	151.30	153.40	219.20		
30	166.00	315.00	643.20	274.70	501.00	884.00	941.30	222.40	209.60	159.00	164.60	219.20		
31		305.00		257.60	487.80		892.00		194.00	159.70		219.20		
Total	6291.20	14224.50	9572.30	12617.80	12974.70	27014.40	34340.00	13219.30	5538.90	5037.50	4978.00	6497.40	152306.00	CMSDAY
Mean	209.71	458.85	319.08	407.03	418.54	900.48	1107.74	440.64	178.67	162.50	171.66	209.59	416.14	CMS
Max	313.00	727.00	643.20	694.60	558.40	1099.50	1278.90	854.00	236.00	185.60	212.00	233.60	1278.90	CMS
Min	166.00	149.90	200.30	257.60	255.20	469.60	800.00	222.40	135.90	140.80	133.10	164.60	133.10	CMS
Runoff	543.56	1229.00	827.05	1090.18	1121.01	2334.04	2966.98	1142.15	478.56	435.24	430.10	561.38	13159.24	MCM
Momentary Peak		1278.90	CMS. at 28.43 m. (MSL.)											on Oct 17, 2007
Runoff Yield		12.71	Liters/Second/Square KM.											Momentary Peak Yield 38.96 Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Khwaee Noi River at Ban Yang, Phitsanulok (N.22)

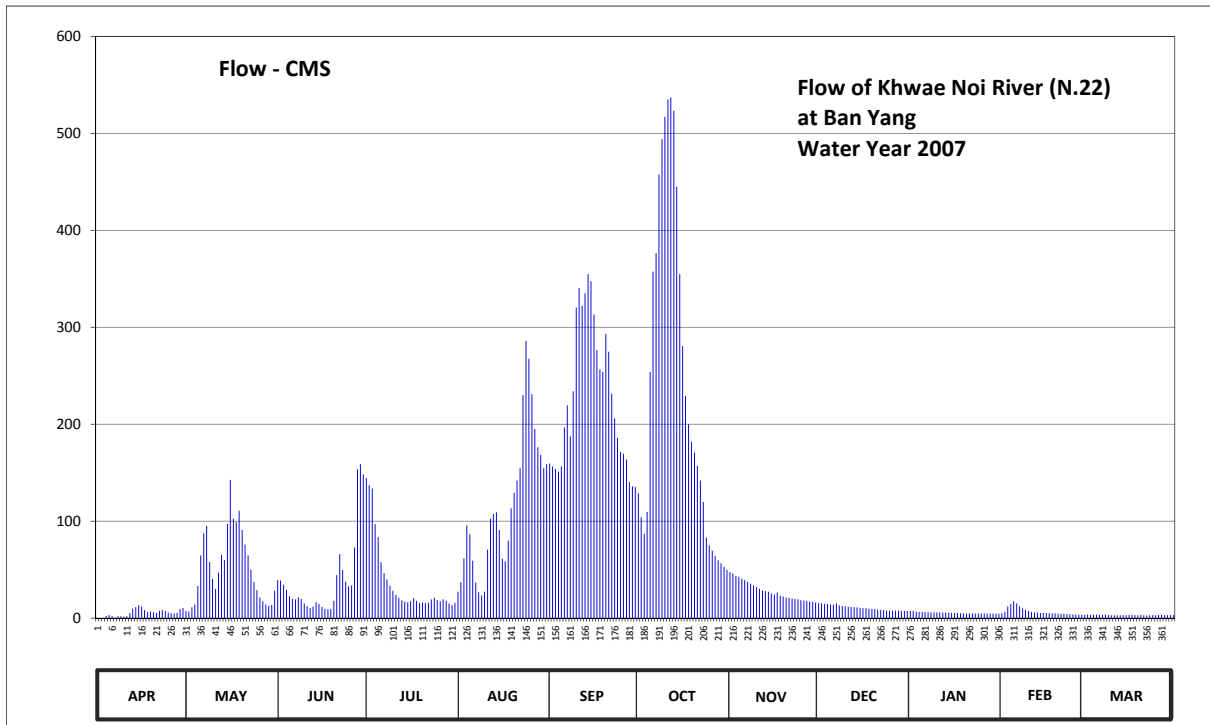
Lat 17 - 01 - 56 N Long 100 - 22 - 20 E

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	Water - stage recorder.		
Zero Gage at Bottom	+40.670 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the Meteorological Station.	Elevation	+51.975 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means of 24 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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records very good. Stage-discharge relation defined by 16 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.47	42.86	44.03	46.14	43.69	46.39	45.88	44.24	43.26	42.87	42.69	42.54	
2	41.86	42.84	44.02	46.02	43.97	46.34	45.47	44.20	43.25	42.87	42.82	42.56	
3	42.17	43.06	43.90	45.96	44.59	46.30	45.14	44.14	43.23	42.84	43.10	42.55	
4	42.41	43.20	43.75	45.34	45.31	46.25	45.56	44.12	43.22	42.82	43.22	42.56	
5	42.53	43.86	43.54	45.07	45.13	46.34	47.70	44.07	43.20	42.81	43.34	42.57	
6	42.42	44.66	43.43	44.49	44.53	46.95	48.95	44.03	43.19	42.82	43.25	42.55	
7	42.25	45.15	43.41	44.21	43.96	47.26	49.16	43.98	43.25	42.81	43.11	42.54	
8	42.39	45.30	43.50	44.05	43.68	46.82	50.03	43.93	43.16	42.80	43.00	42.57	
9	42.39	44.49	43.43	43.87	43.57	47.45	50.39	43.88	43.12	42.79	42.93	42.53	
10	42.37	44.06	43.25	43.72	43.69	48.53	50.61	43.83	43.11	42.79	42.86	42.49	
11	42.39	43.77	43.12	43.60	44.79	48.76	50.78	43.78	43.09	42.79	42.81	42.50	
12	42.73	44.22	43.03	43.48	45.44	48.55	50.80	43.73	43.08	42.78	42.79	42.50	
13	42.99	44.67	43.09	43.37	45.52	48.70	50.67	43.71	43.07	42.77	42.76	42.49	
14	43.07	44.55	43.30	43.32	45.55	48.92	49.90	43.69	43.05	42.76	42.73	42.49	
15	43.15	45.34	43.23	43.29	45.22	48.84	48.92	43.64	43.03	42.75	42.73	42.49	
16	43.09	46.11	43.08	43.34	44.58	48.44	48.03	43.61	43.01	42.74	42.72	42.53	
17	42.91	45.44	42.98	43.46	44.51	47.98	47.39	43.67	43.01	42.72	42.71	42.51	
18	42.82	45.38	42.95	43.35	45.00	47.73	47.00	43.57	42.99	42.71	42.69	42.52	
19	42.84	45.58	42.96	43.26	45.62	47.70	46.74	43.54	42.97	42.70	42.69	42.49	
20	42.80	45.22	43.35	43.28	45.89	48.19	46.58	43.49	42.96	42.68	42.68	42.54	
21	42.75	44.91	44.16	43.26	46.10	47.96	46.35	43.48	42.94	42.67	42.65	42.49	
22	42.88	44.66	44.69	43.27	46.31	47.42	46.10	43.45	42.92	42.68	42.64	42.48	
23	42.92	44.30	44.29	43.41	47.40	47.08	45.73	43.43	42.91	42.68	42.62	42.49	
24	42.86	43.98	43.99	43.48	48.10	46.80	45.06	43.42	42.89	42.68	42.60	42.51	
25	42.77	43.74	43.85	43.39	47.87	46.59	44.89	43.38	42.89	42.67	42.58	42.50	
26	42.71	43.49	43.88	43.33	47.41	46.56	44.77	43.36	42.89	42.68	42.57	42.55	
27	42.68	43.33	44.84	43.42	46.93	46.46	44.65	43.35	42.89	42.67	42.55	42.55	
28	42.73	43.20	46.29	43.36	46.66	46.07	44.54	43.32	42.88	42.67	42.55	42.52	
29	42.96	43.13	46.38	43.24	46.54	46.00	44.46	43.31	42.87	42.67	42.55	42.52	
30	43.02	43.18	46.20	43.17	46.31	45.99	44.37	43.28	42.87	42.66	42.66	42.52	
31		43.72		43.27	46.38		44.29		42.87	42.66		42.51	
Mean	42.64	44.24	43.86	43.85	45.49	47.31	47.13	43.69	43.03	42.74	42.79	42.52	
Max	43.15	46.11	46.38	46.14	48.10	48.92	50.80	44.24	43.26	42.87	43.34	42.57	50.80
Min	41.47	42.84	42.95	43.17	43.57	45.99	44.29	43.28	42.87	42.66	42.55	42.48	41.47
Annual Max Momentary Gage Height	50.81		m. (MSL.) ,			at 06.00 Hours ,	on Oct 12, 2007						
Zero Gage at Bottom Elevation	40.67		m. (MSL.) ,			River Bed	39.83	m. (MSL.)					
Left Bank Elevation		51.23		m. (MSL.) ,									
Right Bank Elevation		52.26		m. (MSL.) ,		Drainage Area	4,764	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.00	7.20	39.20	144.40	27.15	159.40	128.80	47.60	15.50	7.40	4.90	3.40		
2	0.00	6.80	38.80	137.20	36.95	156.40	104.20	46.00	15.25	7.40	6.40	3.60		
3	0.00	11.20	34.50	133.60	61.60	154.00	87.00	43.60	14.75	6.80	12.00	3.50		
4	2.10	14.00	29.25	97.00	95.50	151.00	109.60	42.80	14.50	6.40	14.50	3.60		
5	3.30	33.10	22.50	83.50	86.50	156.40	254.00	40.80	14.00	6.20	17.50	3.70		
6	2.20	64.70	19.75	57.60	59.20	196.50	357.50	39.20	13.80	6.40	15.25	3.50		
7	0.50	87.50	19.25	46.40	36.60	219.50	376.40	37.30	15.25	6.20	12.20	3.40		
8	1.90	95.00	21.50	40.00	26.80	187.40	457.57	35.55	13.20	6.00	10.00	3.70		
9	1.90	57.60	19.75	33.45	23.25	234.00	493.95	33.80	12.40	5.90	8.60	3.30		
10	1.70	40.40	15.25	28.20	27.15	320.40	517.05	32.05	12.20	5.90	7.20	2.90		
11	1.90	29.95	12.40	24.00	70.55	340.40	534.90	30.30	11.80	5.90	6.20	3.00		
12	5.30	46.80	10.60	21.00	102.40	322.00	537.00	28.55	11.60	5.80	5.90	3.00		
13	9.80	65.15	11.80	18.25	107.20	335.00	523.35	27.85	11.40	5.70	5.60	2.90		
14	11.40	60.00	16.50	17.00	109.00	354.80	445.00	27.15	11.00	5.60	5.30	2.90		
15	13.00	97.00	14.75	16.25	91.00	347.60	354.80	25.40	10.60	5.50	5.30	2.90		
16	11.80	142.60	11.60	17.50	61.20	313.20	280.40	24.35	10.20	5.40	5.20	3.30		
17	8.20	102.40	9.60	20.50	58.40	276.40	229.25	26.45	10.20	5.20	5.10	3.10		
18	6.40	99.00	9.00	17.75	80.00	256.40	200.00	23.25	9.80	5.10	4.90	3.20		
19	6.80	110.80	9.20	15.50	113.20	254.00	181.80	22.50	9.40	5.00	4.90	2.90		
20	6.00	91.00	17.75	16.00	129.40	293.20	170.80	21.25	9.20	4.80	4.80	3.40		
21	5.50	75.95	44.40	15.50	142.00	274.80	157.00	21.00	8.80	4.70	4.50	2.90		
22	7.60	64.70	66.05	15.75	154.60	231.60	142.00	20.25	8.40	4.80	4.40	2.80		
23	8.40	50.00	49.60	19.25	230.00	206.00	119.80	19.75	8.20	4.80	4.20	2.90		
24	7.20	37.30	37.65	21.00	286.00	186.00	83.00	19.50	7.80	4.80	4.00	3.10		
25	5.70	28.90	32.75	18.75	267.60	171.40	75.05	18.50	7.80	4.70	3.80	3.00		
26	5.10	21.25	33.80	17.25	230.80	169.60	69.65	18.00	7.80	4.80	3.70	3.50		
27	4.80	17.25	72.80	19.50	195.10	163.60	64.25	17.75	7.80	4.70	3.50	3.50		
28	5.30	14.00	153.40	18.00	176.20	140.20	59.60	17.00	7.60	4.70	3.50	3.20		
29	9.20	12.60	158.80	15.00	168.40	136.00	56.40	16.75	7.40	4.70	3.50	3.20		
30	10.40	13.60	148.00	13.40	154.60	135.40	52.80	16.00	7.40	4.60		3.20		
31		28.20		15.75	158.80		49.60		7.40	4.60		3.10		
Total	163.40	1625.95	1180.20	1174.25	3567.15	6842.60	7272.52	840.25	332.45	170.50	196.85	99.60	23465.72	CMSDAY
Mean	5.45	52.45	39.34	37.88	115.07	228.09	234.60	28.01	10.72	5.50	6.79	3.21	64.11	CMS
Max	13.00	142.60	158.80	144.40	286.00	354.80	537.00	47.60	15.50	7.40	17.50	3.70	537.00	CMS
Min	0.00	6.80	9.00	13.40	23.25	135.40	49.60	16.00	7.40	4.60	3.50	2.80	0.00	CMS
Runoff	14.12	140.48	101.97	101.46	308.20	591.20	628.35	72.60	28.72	14.73	17.01	8.61	2027.44	MCM
Momentary Peak		538.05	CMS. at 50.81 m. (MSL.)				on Oct 12, 2007							
Runoff Yield		13.49	Liters/Second/Square KM.				Momentary Peak Yield	112.94						Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Khek River at Ban Wang Nok Aen , Phitsanulok (N.24A)

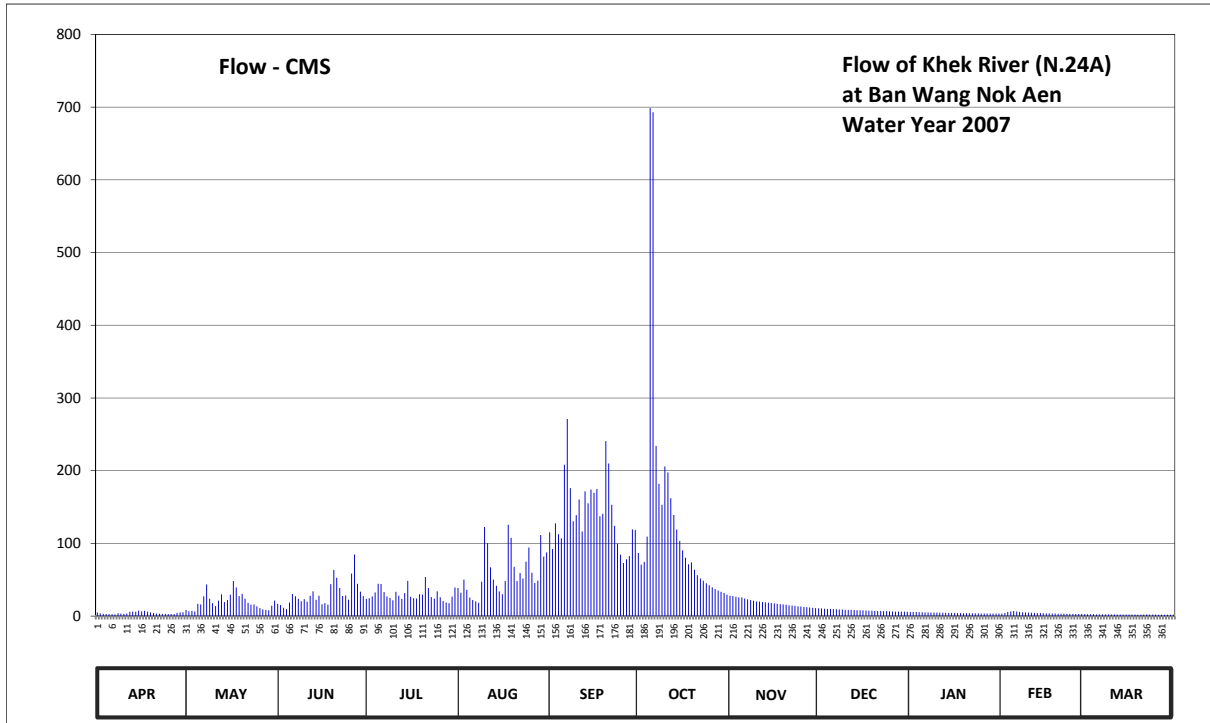
Lat 16 - 50 - 36 N Long 100 - 31 - 20 E

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	+54.851 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	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +52.050 m.(MSL.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 21 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.88	42.23	42.85	43.31	44.14	47.28	46.27	43.60	42.45	41.98	41.75	41.68	
2	41.77	42.06	42.75	43.37	43.81	46.46	45.63	43.57	42.43	41.97	41.82	41.67	
3	41.71	42.12	42.49	43.54	44.71	47.69	45.78	43.50	42.41	41.96	41.98	41.66	
4	41.69	42.04	42.36	43.83	44.00	47.19	47.08	43.45	42.39	41.94	42.03	41.66	
5	41.67	42.86	42.98	44.42	43.44	47.00	53.29	43.45	42.38	41.92	42.10	41.65	
6	41.67	42.81	43.72	44.41	43.21	49.89	53.27	43.34	42.36	41.91	42.04	41.65	
7	41.65	43.55	43.55	43.85	43.08	51.00	50.42	43.27	42.34	41.90	41.98	41.65	
8	41.79	44.38	43.31	43.53	42.95	49.10	49.25	43.20	42.31	41.89	41.93	41.64	
9	41.74	43.33	43.09	43.41	44.57	47.78	48.46	43.14	42.29	41.89	41.90	41.64	
10	41.71	42.91	43.28	43.19	47.52	48.05	49.84	43.07	42.26	41.88	41.89	41.63	
11	41.75	42.66	43.05	43.87	46.76	48.67	49.64	43.07	42.26	41.87	41.87	41.63	
12	42.00	43.16	43.60	43.61	45.48	47.31	48.72	43.03	42.25	41.86	41.84	41.62	
13	42.02	43.70	43.91	43.31	44.71	48.99	48.06	43.00	42.23	41.85	41.82	41.62	
14	41.99	43.02	43.23	43.78	44.29	48.52	47.40	42.97	42.22	41.84	41.81	41.62	
15	42.15	43.22	43.59	44.62	43.89	49.05	46.87	42.94	42.20	41.83	41.80	41.61	
16	42.05	43.67	42.82	43.50	43.71	48.93	46.40	42.90	42.19	41.83	41.78	41.61	
17	42.13	44.61	42.92	43.37	44.61	49.07	46.01	42.86	42.17	41.82	41.77	41.61	
18	42.01	44.17	42.79	43.34	47.62	48.01	45.65	42.83	42.15	41.82	41.75	41.61	
19	41.90	43.57	44.40	43.71	47.02	48.11	45.76	42.81	42.14	41.80	41.74	41.60	
20	41.82	43.73	45.34	43.67	45.51	50.53	45.35	42.78	42.13	41.80	41.73	41.60	
21	41.75	43.33	44.84	44.89	44.61	49.93	45.02	42.72	42.11	41.79	41.73	41.61	
22	41.72	42.95	44.13	44.13	45.16	48.46	44.79	42.70	42.10	41.78	41.72	41.64	
23	41.71	42.78	43.58	43.48	44.78	47.57	44.63	42.67	42.09	41.77	41.71	41.61	
24	41.70	42.80	43.62	43.33	45.79	46.73	44.46	42.62	42.07	41.77	41.71	41.61	
25	41.69	42.62	43.25	43.91	46.54	46.18	44.32	42.61	42.06	41.76	41.70	41.61	
26	41.68	42.46	45.13	43.47	45.18	45.72	44.18	42.57	42.04	41.75	41.69	41.60	
27	41.68	42.33	46.19	43.13	44.48	45.92	44.06	42.55	42.02	41.75	41.69	41.59	
28	41.83	42.25	44.42	42.98	44.64	46.10	43.96	42.53	42.02	41.74	41.70	41.59	
29	41.91	42.19	43.88	42.92	47.15	47.41	43.87	42.49	42.02	41.74	41.68	41.58	
30	41.92	42.68	43.57	43.52	46.07	47.39	43.79	42.47	42.01	41.74	41.68	41.58	
31		43.15		44.17	46.29		43.67		42.00	41.74		41.58	
Mean	41.82	43.01	43.62	43.66	45.02	48.00	46.64	42.96	42.20	41.84	41.82	41.62	
Max	42.15	44.61	46.19	44.89	47.62	51.00	53.29	43.60	42.45	41.98	42.10	41.68	53.29
Min	41.65	42.04	42.36	42.92	42.95	45.72	43.67	42.47	42.00	41.74	41.68	41.58	41.58
Annual Max Momentary Gage Height	54.41		m. (MSL.) ,										at 06.00 Hours , on Oct 6, 2007
Zero Gage at Bottom Elevation	40.71		m. (MSL.) ,			River Bed	41.21	m. (MSL.)					
Left Bank Elevation		52.08		m. (MSL.) ,									
Right Bank Elevation		52.29		m. (MSL.) ,		Drainage Are	1,838	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.80	8.30	16.75	23.65	38.80	115.40	86.93	28.00	10.75	5.80	3.50	2.80	
2	3.70	6.60	15.25	24.55	32.20	92.15	70.75	27.55	10.45	5.70	4.20	2.70	
3	3.10	7.20	11.35	27.10	50.20	127.70	74.50	26.50	10.15	5.60	5.80	2.60	
4	2.90	6.40	9.60	32.60	36.00	112.70	109.40	25.75	9.90	5.40	6.30	2.60	
5	2.70	16.90	18.70	44.40	25.60	107.00	698.65	25.75	9.80	5.20	7.00	2.50	
6	2.70	16.15	30.40	44.20	22.15	208.05	692.95	24.10	9.60	5.10	6.40	2.50	
7	2.50	27.25	27.25	33.00	20.20	271.00	234.20	23.05	9.40	5.00	5.80	2.50	
8	3.90	43.60	23.65	26.95	18.25	176.00	182.00	22.00	9.10	4.90	5.30	2.40	
9	3.40	23.95	20.35	25.15	47.40	130.40	153.10	21.10	8.90	4.90	5.00	2.40	
10	3.10	17.65	23.20	21.85	122.60	138.75	205.80	20.05	8.60	4.80	4.90	2.30	
11	3.50	13.90	19.75	33.40	100.40	160.45	197.60	20.05	8.60	4.70	4.70	2.30	
12	6.00	21.40	28.00	28.20	67.00	116.30	162.20	19.45	8.50	4.60	4.40	2.20	
13	6.20	30.00	34.20	23.65	50.20	171.65	139.10	19.00	8.30	4.50	4.20	2.20	
14	5.90	19.30	22.45	31.60	41.80	155.20	119.00	18.55	8.20	4.40	4.10	2.20	
15	7.50	22.30	27.85	48.40	33.80	174.00	103.43	18.10	8.00	4.30	4.00	2.10	
16	6.50	29.40	16.30	26.50	30.20	169.55	90.50	17.50	7.90	4.30	3.80	2.10	
17	7.30	48.20	17.80	24.55	48.20	174.80	80.25	16.90	7.70	4.20	3.70	2.10	
18	6.10	39.40	15.85	24.10	125.60	137.35	71.25	16.45	7.50	4.20	3.50	2.10	
19	5.00	27.55	44.00	30.20	107.60	140.85	74.00	16.15	7.40	4.00	3.40	2.00	
20	4.20	30.60	63.50	29.40	67.75	240.80	63.75	15.70	7.30	4.00	3.30	2.00	
21	3.50	23.95	52.80	53.80	48.20	209.85	56.40	14.80	7.10	3.90	3.30	2.10	
22	3.20	18.25	38.60	38.60	59.20	153.10	51.80	14.50	7.00	3.80	3.20	2.40	
23	3.10	15.70	27.70	26.20	51.60	124.10	48.60	14.05	6.90	3.70	3.10	2.10	
24	3.00	16.00	28.40	23.95	74.75	99.58	45.20	13.30	6.70	3.70	3.10	2.10	
25	2.90	13.30	22.75	34.20	94.35	84.50	42.40	13.15	6.60	3.60	3.00	2.10	
26	2.80	10.90	58.60	26.05	59.60	73.00	39.60	12.55	6.40	3.50	2.90	2.00	
27	2.80	9.30	84.75	20.95	45.60	78.00	37.20	12.25	6.20	3.50	2.90	1.95	
28	4.30	8.50	44.40	18.70	48.80	82.50	35.20	11.95	6.20	3.40	3.00	1.95	
29	5.10	7.90	33.60	17.80	111.50	119.30	33.40	11.35	6.20	3.40	2.80	1.90	
30	5.20	14.20	27.55	26.80	81.75	118.70	31.80	11.05	6.10	3.40		1.90	
31		21.25		39.40	87.48		29.40		6.00	3.40		1.90	
Total	126.90	615.30	905.35	929.90	1848.78	4262.73	4060.36	550.65	247.45	134.90	120.60	69.00	13871.92 CMSDAY
Mean	4.23	19.85	30.18	30.00	59.64	142.09	130.98	18.36	7.98	4.35	4.16	2.23	37.90 CMS
Max	7.50	48.20	84.75	53.80	125.60	271.00	698.65	28.00	10.75	5.80	7.00	2.80	698.65 CMS
Min	2.50	6.40	9.60	17.80	18.25	73.00	29.40	11.05	6.00	3.40	2.80	1.90	1.90 CMS
Runoff	10.96	53.16	78.22	80.34	159.73	368.30	350.82	47.58	21.38	11.66	10.42	5.96	1198.53 MCM
Momentary Peak	1084.20	CMS. at 54.41 m. (MSL.) at 06.00 Hours , on Oct 6, 2007											
Runoff Yield	20.68	Liters/Second/Square KM.		Momentary Peak Yield		589.88	Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Nong Kham , Phitsanulok (N.27A)

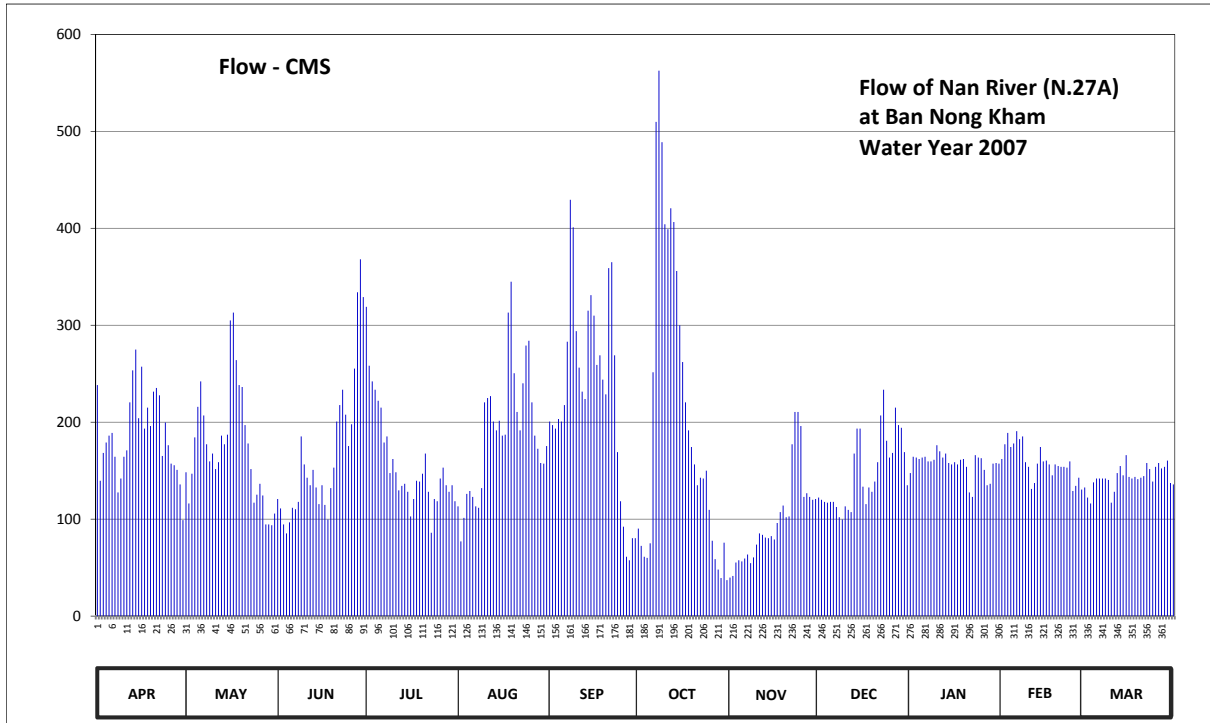
Lat 17 - 01 - 46 N Long 100 - 11 - 00 E

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 good. Flow regulated by Naresuan Dam about 2 kilometers above gage site. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.35	40.33	39.97	42.17	39.87	40.94	39.56	38.76	39.99	40.32	40.50	40.13	
2	40.22	39.91	39.84	41.56	39.37	40.90	39.30	38.79	39.96	40.53	40.68	39.99	
3	40.58	40.31	39.62	41.39	39.71	40.86	39.12	39.02	39.93	40.52	40.81	39.91	
4	40.70	40.76	39.49	41.30	40.04	40.97	39.10	39.06	39.92	40.50	40.65	40.20	
5	40.78	41.11	39.65	41.18	40.08	40.94	39.34	39.04	39.93	40.52	40.69	40.25	
6	40.81	41.39	39.85	41.10	40.00	41.13	41.49	39.09	39.93	40.53	40.83	40.25	
7	40.53	41.01	39.83	40.70	39.87	41.81	43.98	39.16	39.86	40.47	40.74	40.25	
8	40.06	40.68	39.93	40.77	39.85	43.25	44.46	39.01	39.72	40.47	40.77	40.25	
9	40.25	40.47	40.77	40.32	40.12	42.99	43.79	39.11	39.69	40.49	40.46	40.23	
10	40.53	40.57	40.43	40.50	41.16	41.92	43.02	39.32	39.87	40.67	40.40	39.92	
11	40.61	40.37	40.26	40.33	41.21	41.54	42.97	39.49	39.82	40.60	40.11	40.07	
12	41.16	40.46	40.16	40.09	41.23	41.28	43.17	39.47	39.79	40.52	40.19	40.32	
13	41.51	40.78	40.36	40.15	40.94	41.20	43.04	39.43	40.57	40.57	40.44	40.41	
14	41.73	40.68	40.13	40.18	40.84	42.13	42.54	39.42	40.86	40.45	40.65	40.29	
15	40.98	40.79	39.90	40.07	40.95	42.29	41.98	39.45	40.86	40.43	40.47	40.55	
16	41.55	42.03	40.16	39.73	40.78	42.08	41.60	39.40	40.14	40.46	40.48	40.27	
17	40.86	42.11	39.89	39.97	40.79	41.57	41.16	39.64	39.90	40.43	40.43	40.25	
18	41.10	41.62	39.69	40.22	42.11	41.67	40.84	39.79	40.13	40.49	40.29	40.27	
19	40.89	41.35	40.12	40.21	42.43	41.41	40.65	39.88	40.07	40.50	40.43	40.24	
20	41.28	41.33	40.39	40.31	41.48	41.25	40.43	39.72	40.21	40.40	40.41	40.26	
21	41.32	40.90	40.94	40.57	41.05	42.57	40.16	39.73	40.46	40.06	40.40	40.28	
22	41.24	40.69	41.13	40.07	40.84	42.63	40.26	40.68	41.01	40.00	40.40	40.45	
23	40.54	40.37	41.30	39.50	41.37	41.67	40.25	41.05	41.30	40.55	40.39	40.37	
24	40.93	39.92	41.02	39.97	41.77	40.59	40.35	41.05	40.72	40.52	40.47	40.21	
25	40.67	40.03	40.66	39.94	41.82	39.94	39.82	40.89	40.52	40.51	40.08	40.40	
26	40.44	40.18	40.91	40.25	41.16	39.59	39.38	40.00	40.58	40.36	40.15	40.45	
27	40.42	40.02	41.53	40.39	40.78	39.12	39.08	40.05	41.10	40.16	40.26	40.38	
28	40.36	39.62	42.32	40.16	40.63	39.06	38.90	40.00	40.90	40.18	40.10	40.40	
29	40.17	39.62	42.66	40.07	40.45	39.42	38.75	39.96	40.87	40.44	40.15	40.48	
30	39.68	39.61	42.27	40.16	40.44	39.42	39.35	39.97	40.59	40.45		40.19	
31		39.77		39.94	40.66		38.71		40.16	40.44		40.17	
Mean	40.77	40.61	40.51	40.43	40.77	41.20	40.86	39.65	40.30	40.44	40.44	40.26	
Max	41.73	42.11	42.66	42.17	42.43	43.25	44.46	41.05	41.30	40.67	40.83	40.55	44.46
Min	39.68	39.61	39.49	39.50	39.37	39.06	38.71	38.76	39.69	40.00	40.08	39.91	38.71
Annual Max Momentary Gage Height	44.54		m. (MSL.) ,			at 06.00 Hours ,	on Oct 8 , 2007						
Zero Gage at Bottom Elevation	38.43		m. (MSL.) ,			River Bed	37.01	m. (MSL.)					
Left Bank Elevation		49.03		m. (MSL.) ,									
Right Bank Elevation		48.53		m. (MSL.) ,		Drainage Are	19,363	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	238.25	148.40	120.75	319.00	113.25	200.60	90.20	39.80	122.25	147.60	162.00	132.75		
2	139.60	116.25	111.00	258.20	77.05	197.00	72.50	41.45	120.00	164.40	177.20	122.25		
3	168.40	146.80	94.50	242.05	101.25	193.40	61.20	55.20	117.75	163.60	188.90	116.25		
4	179.00	184.40	85.30	233.50	126.00	203.30	60.00	57.60	117.00	162.00	174.50	138.00		
5	186.20	215.90	96.75	222.20	129.00	200.60	75.10	56.40	117.75	163.60	178.10	142.00		
6	188.90	242.05	111.75	215.00	123.00	217.70	251.55	59.40	117.75	164.40	190.70	142.00		
7	164.40	206.90	110.25	179.00	113.25	283.00	509.80	63.60	112.50	159.60	182.60	142.00		
8	127.50	177.20	117.75	185.30	111.75	429.50	562.60	54.60	102.00	159.60	185.30	142.00		
9	142.00	159.60	185.30	147.60	132.00	401.00	488.90	60.60	99.75	161.20	158.80	140.40		
10	164.40	167.60	156.40	162.00	220.40	294.00	404.20	73.80	113.25	176.30	154.00	117.00		
11	170.90	151.60	142.80	148.40	224.95	256.30	399.00	85.30	109.50	170.00	131.25	128.25		
12	220.40	158.80	135.00	129.75	226.85	231.60	420.70	83.90	107.25	163.60	137.25	147.60		
13	253.45	186.20	150.80	134.25	200.60	224.00	406.40	81.10	167.60	167.60	157.20	154.80		
14	275.00	177.20	132.75	136.50	191.60	315.00	356.00	80.40	193.40	158.00	174.50	145.20		
15	204.20	187.10	115.50	128.25	201.50	331.00	300.00	82.50	193.40	156.40	159.60	166.00		
16	257.25	305.00	135.00	102.75	186.20	310.00	262.00	79.00	133.50	158.80	160.40	143.60		
17	193.40	313.00	114.75	120.75	187.10	259.15	220.40	96.00	115.50	156.40	156.40	142.00		
18	215.00	264.00	99.75	139.60	313.00	269.00	191.60	107.25	132.75	161.20	145.20	143.60		
19	196.10	238.25	132.00	138.80	345.00	243.95	174.50	114.00	128.25	162.00	156.40	141.20		
20	231.60	236.35	153.20	146.80	250.60	228.75	156.40	102.00	138.80	154.00	154.80	142.80		
21	235.40	197.00	200.60	167.60	210.50	359.00	135.00	102.75	158.80	127.50	154.00	144.40		
22	227.80	178.10	217.70	128.25	191.60	365.00	142.80	177.20	206.90	123.00	154.00	158.00		
23	165.20	151.60	233.50	86.00	240.15	269.00	142.00	210.50	233.50	166.00	153.20	151.60		
24	199.70	117.00	207.80	120.75	279.00	169.20	150.00	210.50	180.80	163.60	159.60	138.80		
25	176.30	125.25	175.40	118.50	284.00	118.50	109.50	196.10	163.60	162.80	129.00	154.00		
26	157.20	136.50	197.90	142.00	220.40	92.30	77.70	123.00	168.40	150.80	134.25	158.00		
27	155.60	124.50	255.35	153.20	186.20	61.20	58.80	126.75	215.00	135.00	142.80	152.40		
28	150.80	94.50	334.00	135.00	172.70	57.60	48.00	123.00	197.00	136.50	130.50	154.00		
29	135.75	94.50	368.00	128.25	158.00	80.40	39.25	120.00	194.30	157.20	134.25	160.40		
30	99.00	93.75	329.00	135.00	157.20	80.40	75.75	120.75	169.20	158.00		137.25		
31		105.75		118.50	175.40		37.05		135.00	157.20		135.75		
Total	5618.70	5401.05	5020.55	4922.75	5849.50	6941.45	6478.90	2984.45	4582.45	4867.90	4576.70	4434.30	61678.70	CMSDAY
Mean	187.29	174.23	167.35	158.80	188.69	231.38	209.00	99.48	147.82	157.03	157.82	143.04	168.52	CMS
Max	275.00	313.00	368.00	319.00	345.00	429.50	562.60	210.50	233.50	176.30	190.70	166.00	562.60	CMS
Min	99.00	93.75	85.30	86.00	77.05	57.60	37.05	39.80	99.75	123.00	129.00	116.25	37.05	CMS
Runoff	485.46	466.65	433.78	425.33	505.40	599.74	559.78	257.86	395.92	420.59	395.43	383.12	5329.04	MCM
Momentary Peak	571.40	CMS.	at 44.54 m. (MSL.)	at 06.00 Hours	on Oct 8, 2007									
Runoff Yield	8.73	Liters/Second/Square KM.			Momentary Peak Yield	29.51	Liters/Second/Square KM.							

WATER YEAR : 2007

NAN RIVER BASIN

Khwaee Noi River at Ban Nong Krathao , Phitsanulok (N.36)

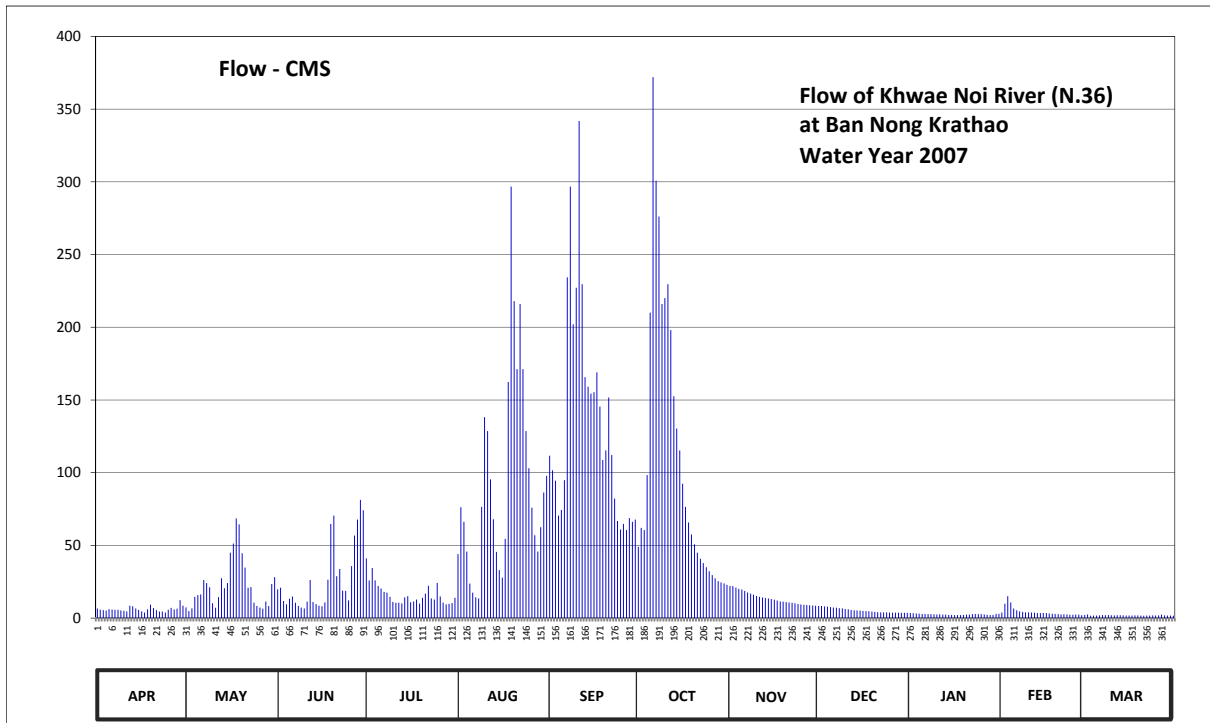
Lat 17 - 04 - 59 N Long 100 - 49 - 44 E

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	Staff gage.		
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	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	1971 - 1979 , 1993 to date		
Rated by Flot	-		
Rated by Current Meter	1971 - 1979 , 1993 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 12 discharge measurements made in 2007.		

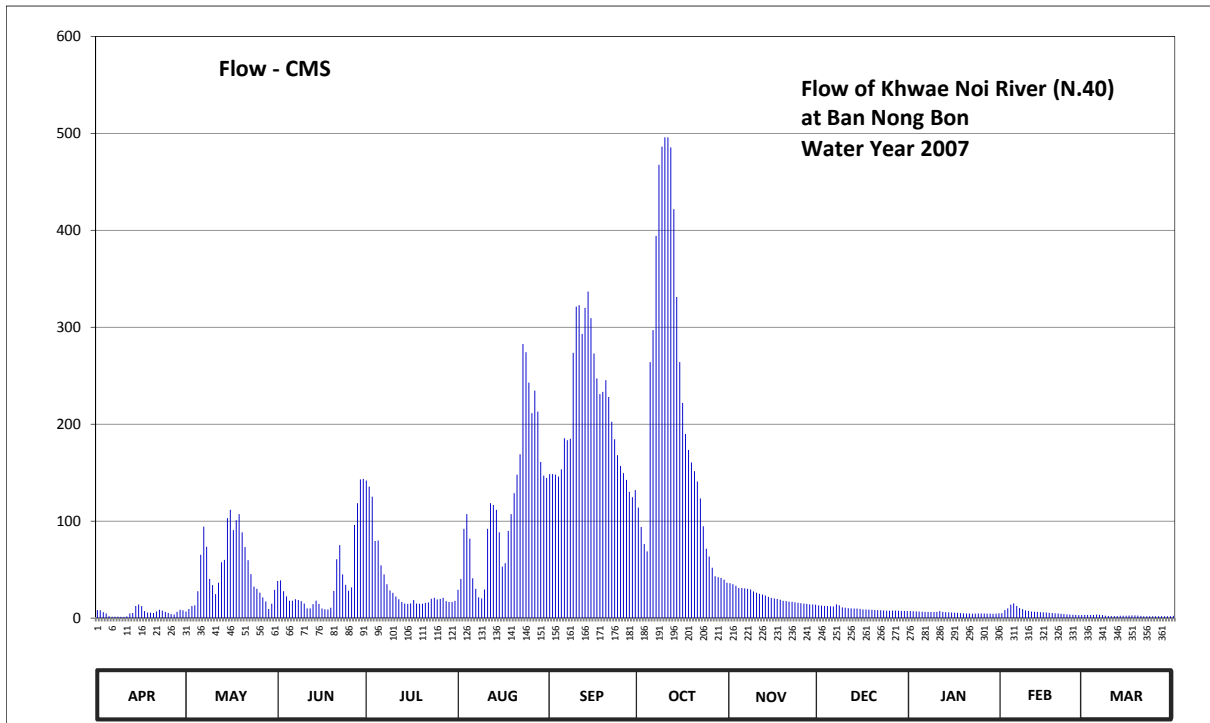
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	193.36	193.44	194.39	195.55	195.68	198.06	195.88	194.54	193.54	193.05	193.08	192.84	
2	193.28	193.18	194.46	194.79	196.94	197.79	196.40	194.53	193.53	193.04	193.69	192.90	
3	193.25	193.37	193.85	195.22	196.57	197.55	196.34	194.47	193.50	193.02	194.07	192.73	
4	193.22	194.04	193.65	194.80	195.75	196.74	197.68	194.41	193.49	193.01	193.78	192.76	
5	193.31	194.12	193.95	194.54	194.65	196.88	199.15	194.38	193.46	192.98	193.36	192.74	
6	193.29	194.15	194.06	194.42	194.23	197.56	199.64	194.31	193.43	192.96	193.24	192.77	
7	193.27	194.81	193.76	194.27	194.02	199.26	199.48	194.24	193.41	192.95	193.16	192.81	
8	193.27	194.67	193.53	194.23	193.97	199.47	199.42	194.19	193.38	192.94	193.13	192.80	
9	193.23	194.48	193.43	194.04	196.95	199.11	199.18	194.14	193.37	192.92	193.10	192.81	
10	193.21	193.72	193.36	193.81	198.57	199.23	199.20	194.08	193.33	192.91	193.09	192.79	
11	193.16	193.41	193.82	193.75	198.41	199.58	199.24	194.04	193.30	192.92	193.08	192.78	
12	193.56	194.03	194.81	193.75	197.58	199.24	199.09	194.01	193.26	192.89	193.07	192.80	
13	193.51	194.87	193.81	193.71	196.64	198.87	198.74	193.99	193.24	192.88	193.05	192.79	
14	193.36	194.44	193.67	194.02	195.74	198.81	198.44	193.97	193.23	192.84	193.04	192.78	
15	193.26	194.67	193.56	194.07	195.15	198.76	198.14	193.94	193.22	192.83	193.05	192.76	
16	193.16	195.72	193.51	193.79	194.89	198.77	197.48	193.91	193.19	192.82	193.05	192.74	
17	193.08	195.97	193.78	193.83	196.10	198.90	196.95	193.87	193.18	192.81	193.02	192.75	
18	193.30	196.66	194.82	193.92	198.84	198.66	196.55	193.83	193.17	192.82	193.00	192.78	
19	193.62	196.50	196.51	193.70	199.47	197.99	196.22	193.82	193.15	192.84	192.97	192.77	
20	193.39	195.70	196.74	194.00	199.19	198.14	195.95	193.80	193.13	192.88	192.95	192.75	
21	193.25	195.24	194.94	194.19	198.92	198.73	195.72	193.78	193.11	192.88	192.91	192.73	
22	193.15	194.46	195.19	194.55	199.18	198.07	195.54	193.76	193.10	192.94	192.93	192.75	
23	193.15	194.49	194.33	193.97	198.92	197.14	195.39	193.72	193.10	192.96	192.90	192.76	
24	193.08	193.77	194.31	193.92	198.41	196.59	195.25	193.67	193.09	192.95	192.85	192.77	
25	193.27	193.54	193.88	194.68	197.83	196.36	195.11	193.63	193.08	192.94	192.86	192.75	
26	193.40	193.42	195.29	194.06	196.93	196.51	194.98	193.61	193.07	192.91	192.88	192.77	
27	193.29	193.35	196.19	193.77	196.20	196.34	194.87	193.60	193.07	192.86	192.88	192.88	
28	193.35	193.83	196.63	193.65	195.75	196.67	194.76	193.58	193.07	192.82	192.79	192.78	
29	193.89	193.52	197.11	193.68	196.42	196.57	194.70	193.57	193.06	192.84	192.83	192.76	
30	193.56	194.63	196.87	193.73	197.28	196.63	194.66	193.55	193.06	192.99		192.74	
31		194.91		194.00	197.66		194.59		193.06	193.00		192.73	
Mean	193.32	194.42	194.61	194.14	196.87	197.97	196.93	193.96	193.24	192.92	193.10	192.78	
Max	193.89	196.66	197.11	195.55	199.47	199.58	199.64	194.54	193.54	193.05	194.07	192.90	199.64
Min	193.08	193.18	193.36	193.65	193.97	196.34	194.59	193.55	193.06	192.81	192.79	192.73	192.73
Annual Max Momentary Gage Height	199.77		m. (MSL.) ,										at 01.00 Hours , on Oct 6, 2007
Zero Gage at Bottom Elevation	191.88		m. (MSL.) ,			River Bed	190.96	m. (MSL.)					
Left Bank Elevation		200.31		m. (MSL.) ,									
Right Bank Elevation		200.36		m. (MSL.) ,		Drainage Are	1,710	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.60	7.40	19.85	41.00	44.00	111.70	49.00	22.10	8.40	3.50	3.80	2.20		
2	5.80	4.80	20.90	25.85	76.20	101.70	62.00	21.95	8.30	3.40	9.90	2.50		
3	5.50	6.70	11.75	34.40	66.25	94.50	60.50	21.05	8.00	3.20	15.05	1.65		
4	5.20	14.60	9.50	26.00	45.75	70.50	98.40	20.15	7.90	3.10	10.80	1.80		
5	6.10	15.80	13.25	22.10	23.75	74.40	210.00	19.70	7.60	2.90	6.60	1.70		
6	5.90	16.25	14.90	20.30	17.45	94.80	372.00	18.65	7.30	2.80	5.40	1.85		
7	5.70	26.20	10.60	18.05	14.30	234.40	300.80	17.60	7.10	2.75	4.60	2.05		
8	5.70	24.05	8.30	17.45	13.55	296.70	276.20	16.85	6.80	2.70	4.30	2.00		
9	5.30	21.20	7.30	14.60	76.50	202.00	216.00	16.10	6.70	2.60	4.00	2.05		
10	5.10	10.20	6.60	11.15	138.20	227.20	220.00	15.20	6.30	2.55	3.90	1.95		
11	4.60	7.10	11.30	10.50	128.60	341.80	229.60	14.60	6.00	2.60	3.80	1.90		
12	8.60	14.45	26.20	10.50	95.40	229.60	198.00	14.15	5.60	2.45	3.70	2.00		
13	8.10	27.40	11.15	10.10	68.00	165.70	152.60	13.85	5.40	2.40	3.50	1.95		
14	6.60	20.60	9.70	14.30	45.50	159.10	130.40	13.55	5.30	2.20	3.40	1.90		
15	5.60	24.05	8.60	15.05	33.00	154.40	115.30	13.10	5.20	2.15	3.50	1.80		
16	4.60	45.00	8.10	10.90	27.80	155.30	92.40	12.65	4.90	2.10	3.50	1.70		
17	3.80	51.25	10.80	11.45	54.50	169.00	76.50	12.05	4.80	2.05	3.20	1.75		
18	6.00	68.50	26.40	12.80	162.40	145.40	65.75	11.45	4.70	2.10	3.00	1.90		
19	9.20	64.50	64.75	10.00	296.70	108.65	57.50	11.30	4.50	2.20	2.85	1.85		
20	6.90	44.50	70.50	14.00	218.00	115.30	50.75	11.00	4.30	2.40	2.75	1.75		
21	5.50	34.80	28.80	16.85	171.20	151.70	45.00	10.80	4.10	2.40	2.55	1.65		
22	4.50	20.90	33.80	22.25	216.00	112.15	40.80	10.60	4.00	2.70	2.65	1.75		
23	4.50	21.35	18.95	13.55	171.20	82.20	37.80	10.20	4.00	2.80	2.50	1.80		
24	3.80	10.70	18.65	12.80	128.60	66.75	35.00	9.70	3.90	2.75	2.25	1.85		
25	5.70	8.40	12.20	24.20	103.05	61.00	32.20	9.30	3.80	2.70	2.30	1.75		
26	7.00	7.20	35.80	14.90	75.90	64.75	29.60	9.10	3.70	2.55	2.40	1.85		
27	5.90	6.50	56.75	10.70	57.00	60.50	27.40	9.00	3.70	2.30	2.40	2.40		
28	6.50	11.45	67.75	9.50	45.75	68.75	25.40	8.80	3.70	2.10	1.95	1.90		
29	12.35	8.20	81.30	9.80	62.50	66.25	24.50	8.70	3.60	2.20	2.15	1.80		
30	8.60	23.45	74.10	10.30	86.40	67.75	23.90	8.50	3.60	2.95		1.70		
31		28.20		14.00	97.80		22.85		3.60	3.00		1.65		
Total	185.25	695.70	798.55	509.35	2861.25	4053.95	3378.15	411.75	166.80	80.60	122.70	58.35	13322.40	CMSDAY
Mean	6.17	22.44	26.62	16.43	92.30	135.13	108.97	13.72	5.38	2.60	4.23	1.88	36.40	CMS
Max	12.35	68.50	81.30	41.00	296.70	341.80	372.00	22.10	8.40	3.50	15.05	2.50	372.00	CMS
Min	3.80	4.80	6.60	9.50	13.55	60.50	22.85	8.50	3.60	2.05	1.95	1.65	1.65	CMS
Runoff	16.01	60.11	68.99	44.01	247.21	350.26	291.87	35.58	14.41	6.96	10.60	5.04	1151.06	MCM
Momentary Peak	443.50 CMS. at 199.77 m. (MSL.) at 01.00 Hours , on Oct 6, 2007													
Runoff Yield	21.34 Liters/Second/Square KM.			Momentary Peak Yield				259.36 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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.30	6.80	38.25	142.00	29.25	148.50	114.00	36.00	13.00	7.25	5.15	3.35	
2	8.15	9.35	39.00	135.60	40.50	148.50	94.00	35.00	12.80	7.10	8.30	3.35	
3	6.05	12.60	27.75	125.25	92.00	148.00	76.40	33.25	12.60	6.95	10.10	3.35	
4	4.70	13.20	22.50	79.60	107.25	146.00	68.85	31.00	12.40	6.80	13.80	3.35	
5	1.92	27.75	18.00	80.00	82.00	153.50	264.00	31.00	12.20	6.65	15.20	3.65	
6	1.40	65.35	18.00	54.50	41.10	185.50	297.05	30.75	12.00	6.50	12.60	3.50	
7	1.46	94.40	19.50	45.00	30.25	183.50	394.20	30.25	14.20	6.35	10.40	3.20	
8	1.48	73.60	18.60	35.00	21.50	185.00	467.50	29.50	13.20	6.20	9.20	2.45	
9	1.28	40.50	17.40	28.50	20.25	273.65	486.40	27.50	11.00	6.20	7.85	2.15	
10	1.24	34.00	15.00	26.00	29.50	321.40	496.00	26.25	10.70	6.35	7.40	2.15	
11	1.82	24.75	10.10	22.25	92.00	322.80	496.00	25.00	10.25	7.25	6.80	2.15	
12	4.70	36.50	10.10	19.50	118.50	293.15	485.60	24.25	10.10	6.50	6.65	2.15	
13	5.30	57.65	14.40	16.60	116.70	320.00	421.75	23.25	9.95	6.05	6.35	2.45	
14	12.60	60.10	18.00	15.00	111.75	336.80	331.20	22.00	9.95	5.90	6.05	2.45	
15	14.00	103.20	14.60	14.60	88.40	309.50	264.00	20.75	9.50	5.75	5.90	2.45	
16	12.40	111.75	9.95	15.20	53.10	273.00	222.00	20.25	8.90	5.60	5.75	2.60	
17	7.25	90.80	9.05	18.60	56.60	247.20	190.00	19.75	8.90	5.45	5.45	2.75	
18	5.75	100.95	8.90	15.00	90.00	231.00	173.50	19.00	8.75	5.15	5.30	2.75	
19	5.60	107.25	10.70	14.80	107.25	233.40	160.50	17.80	8.60	5.00	5.00	2.60	
20	5.30	88.40	28.00	14.80	128.85	245.40	151.50	17.40	8.45	4.85	4.70	2.30	
21	6.95	73.20	60.80	15.60	148.00	228.00	141.00	17.00	8.30	4.70	4.40	2.00	
22	8.60	59.75	75.20	16.20	169.00	202.55	123.45	16.80	8.15	4.55	4.10	1.98	
23	7.70	45.30	45.00	20.00	282.75	184.50	94.80	16.40	7.85	4.55	3.80	1.98	
24	6.35	32.50	34.25	21.00	274.30	168.00	71.65	15.80	7.70	4.85	3.65	1.98	
25	5.45	30.25	28.25	19.25	243.00	157.00	63.60	15.40	7.55	4.70	3.50	1.94	
26	4.10	26.25	31.75	19.75	211.35	149.50	52.05	15.00	7.70	4.70	3.35	1.92	
27	3.80	21.25	96.00	21.00	234.60	142.50	43.20	14.60	7.70	4.55	3.20	1.90	
28	6.35	17.20	118.50	17.40	213.00	130.20	42.30	14.20	7.55	4.55	3.05	1.92	
29	8.60	9.35	143.00	16.60	161.00	124.80	41.40	14.00	7.40	4.40	3.35	1.90	
30	8.00	14.80	143.50	16.60	147.00	132.00	39.60	13.80	7.40	4.55		2.00	
31		29.25		17.80	144.50		36.50		7.25	5.00		2.30	
Total	176.60	1518.00	1144.05	1119.00	3685.25	6324.85	6404.00	672.95	302.00	174.95	190.35	76.97	21788.97 CMSDAY
Mean	5.89	48.97	38.13	36.10	118.88	210.83	206.58	22.43	9.74	5.64	6.56	2.48	59.53 CMS
Max	14.00	111.75	143.50	142.00	282.75	336.80	496.00	36.00	14.20	7.25	15.20	3.65	496.00 CMS
Min	1.24	6.80	8.90	14.60	20.25	124.80	36.50	13.80	7.25	4.40	3.05	1.90	1.24 CMS
Runoff	15.26	131.16	98.85	96.68	318.41	546.47	553.31	58.14	26.09	15.12	16.45	6.65	1882.57 MCM
Momentary Peak	496.00	CMS. at 57.90 m. (MSL.) at 06.00 Hours , on Oct 10, 2007											
Runoff Yield	14.00	Liters/Second/Square KM.		Momentary Peak Yield		116.32	Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nam Yao at Ban Nam Yao , Nan (N.49)

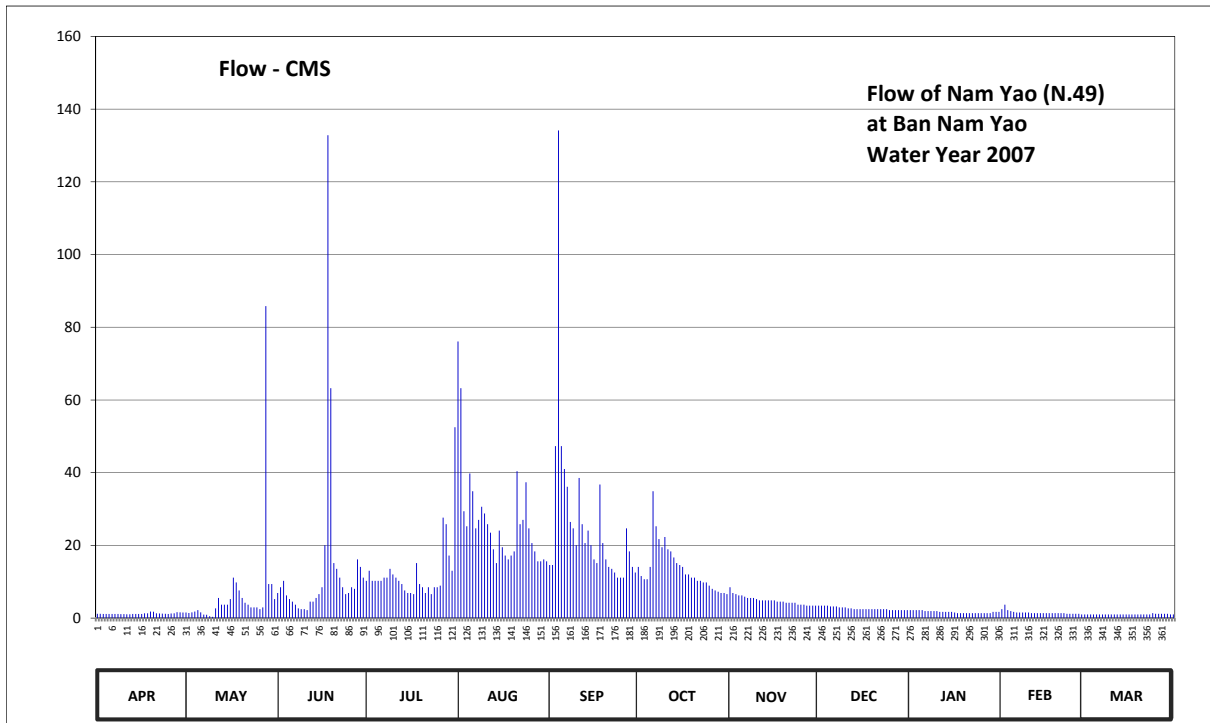
Lat 18 - 59 - 33 N Long 100 - 56 - 36 E

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 with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 37 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	265.43	265.51	265.38	265.46	266.46	265.55	265.54	265.42	265.27	265.22	265.23	265.16	
2	265.43	265.48	265.42	265.52	266.30	265.55	265.49	265.38	265.27	265.22	265.28	265.16	
3	265.42	265.52	265.46	265.46	265.81	266.09	265.47	265.37	265.27	265.22	265.22	265.16	
4	265.42	265.57	265.36	265.46	265.74	267.05	265.47	265.36	265.27	265.22	265.21	265.16	
5	265.42	265.65	265.33	265.46	265.98	266.09	265.54	265.36	265.26	265.22	265.20	265.16	
6	265.42	265.52	265.31	265.46	265.90	266.00	265.90	265.35	265.26	265.21	265.19	265.16	
7	265.42	265.38	265.28	265.48	265.73	265.92	265.74	265.34	265.26	265.21	265.19	265.16	
8	265.42	265.37	265.24	265.48	265.77	265.76	265.68	265.34	265.25	265.21	265.19	265.16	
9	265.41	265.28	265.23	265.53	265.83	265.73	265.64	265.34	265.25	265.21	265.19	265.16	
10	265.41	265.24	265.23	265.50	265.80	265.65	265.69	265.33	265.25	265.21	265.19	265.16	
11	265.40	265.24	265.22	265.48	265.75	265.96	265.63	265.32	265.24	265.20	265.18	265.16	
12	265.40	265.34	265.31	265.46	265.71	265.75	265.62	265.32	265.24	265.20	265.18	265.16	
13	265.42	265.28	265.31	265.44	265.63	265.66	265.59	265.32	265.23	265.20	265.18	265.16	
14	265.42	265.28	265.34	265.40	265.56	265.72	265.56	265.32	265.23	265.20	265.18	265.16	
15	265.42	265.28	265.37	265.38	265.72	265.65	265.55	265.32	265.23	265.20	265.18	265.16	
16	265.42	265.33	265.42	265.38	265.64	265.58	265.54	265.32	265.23	265.19	265.18	265.16	
17	265.46	265.48	265.65	265.37	265.60	265.56	265.50	265.31	265.23	265.18	265.18	265.16	
18	265.46	265.45	267.04	265.56	265.58	265.93	265.50	265.31	265.23	265.18	265.18	265.16	
19	265.57	265.40	266.30	265.44	265.60	265.66	265.48	265.31	265.23	265.18	265.18	265.16	
20	265.56	265.34	265.56	265.42	265.62	265.58	265.48	265.30	265.23	265.18	265.18	265.16	
21	265.46	265.30	265.53	265.38	265.99	265.54	265.46	265.30	265.23	265.18	265.18	265.16	
22	265.45	265.28	265.48	265.42	265.75	265.53	265.46	265.30	265.23	265.18	265.18	265.16	
23	265.44	265.25	265.42	265.37	265.77	265.51	265.45	265.30	265.23	265.18	265.17	265.16	
24	265.43	265.25	265.37	265.42	265.94	265.48	265.45	265.28	265.23	265.18	265.17	265.18	
25	265.42	265.25	265.38	265.42	265.73	265.48	265.43	265.28	265.22	265.18	265.17	265.17	
26	265.45	265.23	265.42	265.43	265.66	265.48	265.41	265.28	265.22	265.18	265.17	265.17	
27	265.46	265.25	265.41	265.78	265.62	265.73	265.40	265.27	265.22	265.18	265.17	265.17	
28	265.53	266.57	265.58	265.75	265.57	265.62	265.39	265.27	265.22	265.18	265.16	265.17	
29	265.52	265.44	265.54	265.60	265.57	265.54	265.38	265.27	265.22	265.20	265.16	265.17	
30	265.51	265.44	265.48	265.52	265.58	265.51	265.38	265.27	265.22	265.20	265.16	265.16	
31		265.33		266.16	265.57		265.37		265.22	265.20		265.16	
Mean	265.45	265.40	265.48	265.50	265.76	265.73	265.52	265.32	265.24	265.20	265.19	265.16	
Max	265.57	266.57	267.04	266.16	266.46	267.05	265.90	265.42	265.27	265.22	265.28	265.18	267.05
Min	265.40	265.23	265.22	265.37	265.56	265.48	265.37	265.27	265.22	265.18	265.16	265.16	265.16
Annual Max Momentary Gage Height	267.98		m. (MSL.) ,				at 05.00 Hours ,						on Sep 4, 2007
Zero Gage at Bottom Elevation	263.98		m. (MSL.) ,			River Bed	263.88	m. (MSL.)					
Left Bank Elevation		273.20		m. (MSL.) ,									
Right Bank Elevation		275.26		m. (MSL.) ,		Drainage Are	153	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.19	1.55	6.92	10.24	76.10	14.60	14.08	8.48	3.45	2.20	2.45	1.02	
2	1.19	1.41	8.48	13.04	63.25	14.60	11.56	6.92	3.45	2.20	3.70	1.02	
3	1.14	1.59	10.24	10.24	29.41	47.30	10.68	6.58	3.45	2.20	2.20	1.02	
4	1.14	1.82	6.24	10.24	25.26	134.13	10.68	6.24	3.45	2.20	1.95	1.02	
5	1.14	2.18	5.22	10.24	39.78	47.30	14.08	6.24	3.20	2.20	1.70	1.02	
6	1.14	1.59	4.54	10.24	34.90	41.00	34.90	5.90	3.20	1.95	1.53	1.02	
7	1.14	0.96	3.70	11.12	24.67	36.12	25.26	5.56	3.20	1.95	1.53	1.02	
8	1.14	0.92	2.70	11.12	27.03	26.44	21.76	5.56	2.95	1.95	1.53	1.02	
9	1.10	0.51	2.45	13.56	30.63	24.67	19.48	5.56	2.95	1.95	1.53	1.02	
10	1.10	0.33	2.45	12.00	28.80	20.05	22.33	5.22	2.95	1.95	1.53	1.02	
11	1.05	2.70	2.20	11.12	25.85	38.56	18.91	4.88	2.70	1.70	1.36	1.02	
12	1.05	5.56	4.54	10.24	23.49	25.85	18.34	4.88	2.70	1.70	1.36	1.02	
13	1.14	3.70	4.54	9.36	18.91	20.62	16.68	4.88	2.45	1.70	1.36	1.02	
14	1.14	3.70	5.56	7.60	15.12	24.08	15.12	4.88	2.45	1.70	1.36	1.02	
15	1.14	3.70	6.58	6.92	24.08	20.05	14.60	4.88	2.45	1.70	1.36	1.02	
16	1.14	5.22	8.48	6.92	19.48	16.16	14.08	4.88	2.45	1.53	1.36	1.02	
17	1.32	11.12	20.05	6.58	17.20	15.12	12.00	4.54	2.45	1.36	1.36	1.02	
18	1.32	9.80	132.80	15.12	16.16	36.73	12.00	4.54	2.45	1.36	1.36	1.02	
19	1.82	7.60	63.25	9.36	17.20	20.62	11.12	4.54	2.45	1.36	1.36	1.02	
20	1.77	5.56	15.12	8.48	18.34	16.16	11.12	4.20	2.45	1.36	1.36	1.02	
21	1.32	4.20	13.56	6.92	40.39	14.08	10.24	4.20	2.45	1.36	1.36	1.02	
22	1.28	3.70	11.12	8.48	25.85	13.56	10.24	4.20	2.45	1.36	1.36	1.02	
23	1.23	2.95	8.48	6.58	27.03	12.52	9.80	4.20	2.45	1.36	1.19	1.02	
24	1.19	2.95	6.58	8.48	37.34	11.12	9.80	3.70	2.45	1.36	1.19	1.36	
25	1.14	2.95	6.92	8.48	24.67	11.12	8.92	3.70	2.20	1.36	1.19	1.19	
26	1.28	2.45	8.48	8.92	20.62	11.12	8.04	3.70	2.20	1.36	1.19	1.19	
27	1.32	2.95	8.04	27.62	18.34	24.67	7.60	3.45	2.20	1.36	1.19	1.19	
28	1.64	85.80	16.16	25.85	15.64	18.34	7.26	3.45	2.20	1.36	1.02	1.19	
29	1.59	9.36	14.08	17.20	15.64	14.08	6.92	3.45	2.20	1.70	1.02	1.19	
30	1.55	9.36	11.12	13.04	16.16	12.52	6.92	3.45	2.20	1.70		1.02	
31		5.22		52.50	15.64		6.58		2.20	1.70		1.02	
Total	37.85	203.41	420.60	387.81	832.98	783.29	421.10	146.86	82.45	52.20	43.96	32.81	3445.32 CMSDAY
Mean	1.26	6.56	14.02	12.51	26.87	26.11	13.58	4.90	2.66	1.68	1.52	1.06	9.41 CMS
Max	1.82	85.80	132.80	52.50	76.10	134.13	34.90	8.48	3.45	2.20	3.70	1.36	134.13 CMS
Min	1.05	0.33	2.20	6.58	15.12	11.12	6.58	3.45	2.20	1.36	1.02	1.02	0.33 CMS
Runoff	3.27	17.57	36.34	33.51	71.97	67.68	36.38	12.69	7.12	4.51	3.80	2.83	297.68 MCM
Momentary Peak	296.80 CMS. at 267.98 m. (MSL.) at 05.00 Hours , on Sep 4, 2007												
Runoff Yield	61.69 Liters/Second/Square KM.			Momentary Peak Yield 1939.87 Liters/Second/Square KM.									

WATER YEAR : 2007

NAN RIVER BASIN

Nam Phak at Ban Tha Sakae , Phitsanulok (N.55)

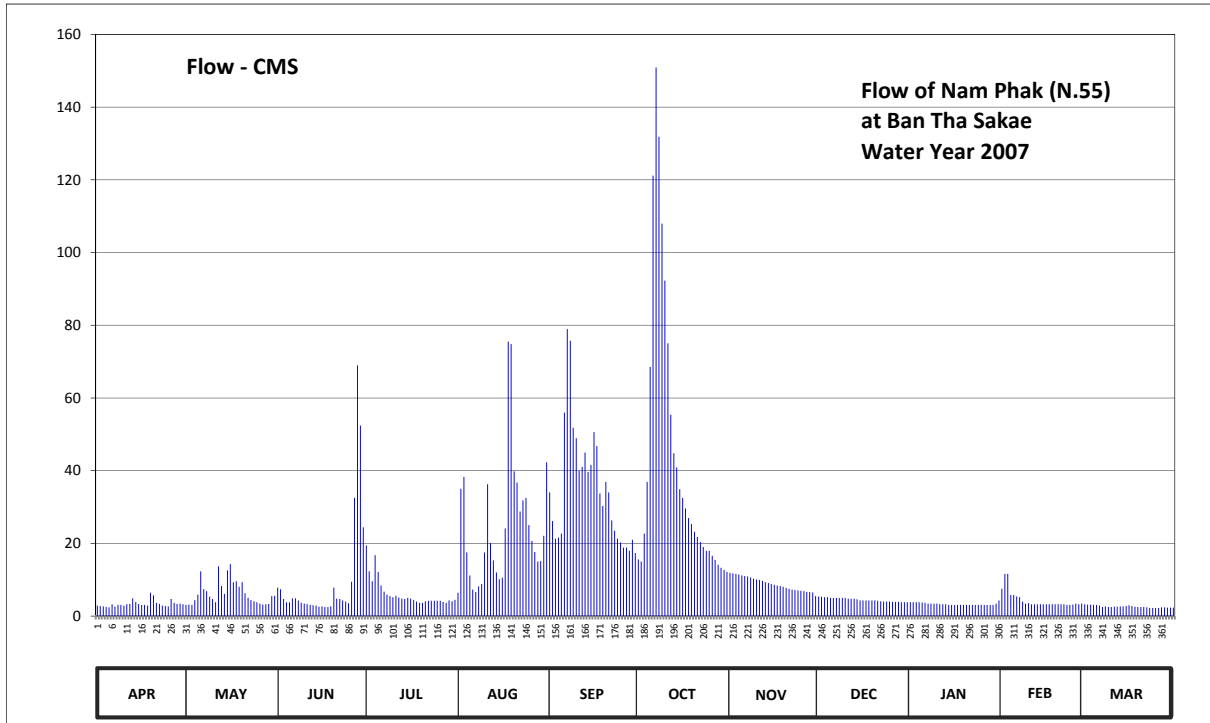
Lat 17 - 15 - 06 N Long 100 - 37 - 53 E

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 +191.446 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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 16 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	183.45	183.47	183.94	184.79	183.81	185.69	184.53	184.27	183.71	183.55	183.91	183.49	
2	183.44	183.48	183.90	184.30	185.75	185.22	184.49	184.26	183.70	183.55	184.25	183.48	
3	183.43	183.47	183.64	184.09	185.94	184.91	185.00	184.25	183.69	183.55	184.25	183.48	
4	183.41	183.61	183.55	184.61	184.66	184.93	185.86	184.24	183.69	183.55	183.75	183.47	
5	183.40	183.76	183.55	184.29	184.22	185.00	187.50	184.22	183.67	183.54	183.75	183.47	
6	183.49	184.30	183.66	183.99	183.89	186.90	189.13	184.21	183.67	183.53	183.71	183.45	
7	183.42	183.90	183.66	183.84	183.83	187.94	189.66	184.20	183.67	183.51	183.69	183.41	
8	183.47	183.85	183.60	183.76	183.97	187.81	189.34	184.18	183.67	183.51	183.57	183.43	
9	183.47	183.70	183.53	183.72	184.03	186.69	188.84	184.15	183.67	183.51	183.51	183.41	
10	183.45	183.64	183.51	183.69	184.66	186.54	188.40	184.13	183.67	183.51	183.52	183.41	
11	183.49	183.55	183.50	183.73	185.82	186.04	187.78	184.12	183.65	183.49	183.49	183.42	
12	183.50	184.40	183.47	183.68	184.83	186.10	186.87	184.10	183.65	183.49	183.49	183.42	
13	183.66	183.98	183.46	183.65	184.51	186.32	186.31	184.07	183.65	183.49	183.49	183.43	
14	183.56	183.78	183.45	183.64	184.28	186.02	186.09	184.05	183.63	183.47	183.49	183.43	
15	183.50	184.32	183.42	183.67	184.14	186.13	185.74	184.03	183.60	183.47	183.49	183.44	
16	183.47	184.44	183.43	183.65	184.17	186.63	185.60	184.01	183.60	183.47	183.49	183.46	
17	183.47	184.07	183.41	183.61	185.09	186.42	185.43	183.99	183.60	183.47	183.49	183.44	
18	183.45	184.09	183.41	183.57	187.80	185.67	185.27	183.98	183.60	183.47	183.49	183.42	
19	183.81	183.96	183.43	183.53	187.77	185.47	185.17	183.96	183.60	183.47	183.49	183.41	
20	183.74	184.07	183.94	183.53	186.03	185.86	185.03	183.93	183.60	183.47	183.49	183.41	
21	183.53	183.80	183.65	183.58	185.85	185.69	184.94	183.91	183.59	183.47	183.49	183.41	
22	183.50	183.67	183.64	183.59	185.38	185.23	184.85	183.89	183.58	183.47	183.49	183.40	
23	183.45	183.61	183.60	183.59	185.56	185.05	184.76	183.88	183.57	183.47	183.47	183.38	
24	183.44	183.58	183.57	183.59	185.60	184.91	184.69	183.87	183.57	183.47	183.47	183.38	
25	183.43	183.55	183.52	183.59	185.15	184.84	184.69	183.86	183.57	183.47	183.48	183.38	
26	183.64	183.51	184.08	183.59	184.87	184.75	184.60	183.85	183.56	183.47	183.51	183.38	
27	183.53	183.48	185.60	183.56	184.67	184.75	184.52	183.83	183.56	183.47	183.49	183.40	
28	183.50	183.49	187.52	183.53	184.49	184.69	184.43	183.83	183.56	183.47	183.51	183.40	
29	183.51	183.50	186.72	183.60	184.50	184.89	184.37	183.82	183.55	183.47	183.50	183.39	
30	183.49	183.72	185.11	183.58	184.96	184.65	184.33	183.72	183.55	183.51	183.39	183.39	
31		183.73		183.62	186.17		184.29		183.55	183.60		183.39	
Mean	183.50	183.79	183.95	183.77	185.05	185.72	185.89	184.03	183.62	183.50	183.59	183.42	
Max	183.81	184.44	187.52	184.79	187.80	187.94	189.66	184.27	183.71	183.60	184.25	183.49	189.66
Min	183.40	183.47	183.41	183.53	183.81	184.65	184.29	183.72	183.55	183.47	183.47	183.38	183.38
Annual Max Momentary Gage Height	189.67		m. (MSL.) ,										at 09.00 Hours , on Oct 7, 2007
Zero Gage at Bottom Elevation	182.83		m. (MSL.) ,			River Bed	183.21	m. (MSL.)					
Left Bank Elevation		190.12		m. (MSL.) ,									
Right Bank Elevation		190.19		m. (MSL.) ,		Drainage Are	971	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.88	3.07	7.84	19.45	6.41	34.03	15.59	11.88	5.40	3.83	7.51	3.26	
2	2.78	3.16	7.40	12.30	35.05	26.13	15.01	11.74	5.30	3.83	11.60	3.16	
3	2.69	3.07	4.70	9.58	38.28	21.31	22.70	11.60	5.20	3.83	11.60	3.16	
4	2.50	4.40	3.83	16.75	17.50	21.62	36.92	11.46	5.20	3.83	5.80	3.07	
5	2.40	5.90	3.83	12.16	11.18	22.70	68.50	11.18	5.00	3.73	5.80	3.07	
6	3.26	12.30	4.90	8.39	7.29	56.00	121.18	11.04	5.00	3.64	5.40	2.88	
7	2.59	7.40	4.90	6.74	6.63	78.93	150.90	10.90	5.00	3.45	5.20	2.50	
8	3.07	6.85	4.30	5.90	8.17	75.75	131.85	10.66	5.00	3.45	4.02	2.69	
9	3.07	5.30	3.64	5.50	8.86	51.80	107.96	10.30	5.00	3.45	3.45	2.50	
10	2.88	4.70	3.45	5.20	17.50	48.92	92.30	10.06	5.00	3.45	3.54	2.50	
11	3.26	3.83	3.35	5.60	36.24	40.00	75.03	9.94	4.80	3.26	3.26	2.59	
12	3.35	13.70	3.07	5.10	20.07	41.05	55.40	9.70	4.80	3.26	3.26	2.59	
13	4.90	8.28	2.97	4.80	15.30	44.96	44.78	9.34	4.80	3.26	3.26	2.69	
14	3.92	6.10	2.88	4.70	12.02	39.65	40.88	9.10	4.60	3.07	3.26	2.69	
15	3.35	12.58	2.59	5.00	10.18	41.58	34.88	8.86	4.30	3.07	3.26	2.78	
16	3.07	14.28	2.69	4.80	10.54	50.60	32.50	8.62	4.30	3.07	3.26	2.97	
17	3.07	9.34	2.50	4.40	24.10	46.76	29.61	8.39	4.30	3.07	3.26	2.78	
18	2.88	9.58	2.50	4.02	75.50	33.69	26.96	8.28	4.30	3.07	3.26	2.59	
19	6.41	8.06	2.69	3.64	74.80	30.29	25.34	8.06	4.30	3.07	3.26	2.50	
20	5.70	9.34	7.84	3.64	39.83	36.92	23.17	7.73	4.30	3.07	3.26	2.50	
21	3.64	6.30	4.80	4.11	36.75	34.03	21.77	7.51	4.21	3.07	3.26	2.50	
22	3.35	5.00	4.70	4.21	28.77	26.30	20.38	7.29	4.11	3.07	3.26	2.40	
23	2.88	4.40	4.30	4.21	31.82	23.48	19.00	7.18	4.02	3.07	3.07	2.24	
24	2.78	4.11	4.02	4.21	32.50	21.31	17.95	7.07	4.02	3.07	3.07	2.24	
25	2.69	3.83	3.54	4.21	25.03	20.22	17.95	6.96	4.02	3.07	3.16	2.24	
26	4.70	3.45	9.46	4.21	20.69	18.85	16.60	6.85	3.92	3.07	3.45	2.24	
27	3.64	3.16	32.50	3.92	17.65	18.85	15.44	6.63	3.92	3.07	3.26	2.40	
28	3.35	3.26	68.96	3.64	15.01	17.95	14.14	6.63	3.92	3.07	3.45	2.40	
29	3.45	3.35	52.40	4.30	15.15	21.00	13.28	6.52	3.83	3.07	3.35	2.32	
30	3.26	5.50	24.41	4.11	22.08	17.35	12.72	5.50	3.83	3.45		2.32	
31		5.60		4.50	42.28		12.16		3.83	4.30		2.32	
Total	101.77	199.20	290.96	193.30	763.18	1062.03	1332.85	266.98	139.53	103.14	125.85	81.09	4659.88 CMSDAY
Mean	3.39	6.43	9.70	6.24	24.62	35.40	43.00	8.90	4.50	3.33	4.34	2.62	12.73 CMS
Max	6.41	14.28	68.96	19.45	75.50	78.93	150.90	11.88	5.40	4.30	11.60	3.26	150.90 CMS
Min	2.40	3.07	2.50	3.64	6.41	17.35	12.16	5.50	3.83	3.07	3.07	2.24	2.24 CMS
Runoff	8.79	17.21	25.14	16.70	65.94	91.76	115.16	23.07	12.06	8.91	10.87	7.01	402.61 MCM
Momentary Peak		151.55 CMS.		189.67 m. (MSL.)									at 09.00 Hours , on Oct 7, 2007
Runoff Yield		13.15		Liters/Second/Square KM.									Momentary Peak Yield 156.08 Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Nam Fua at Ban Nam Fua , Phitsanulok (N.58)

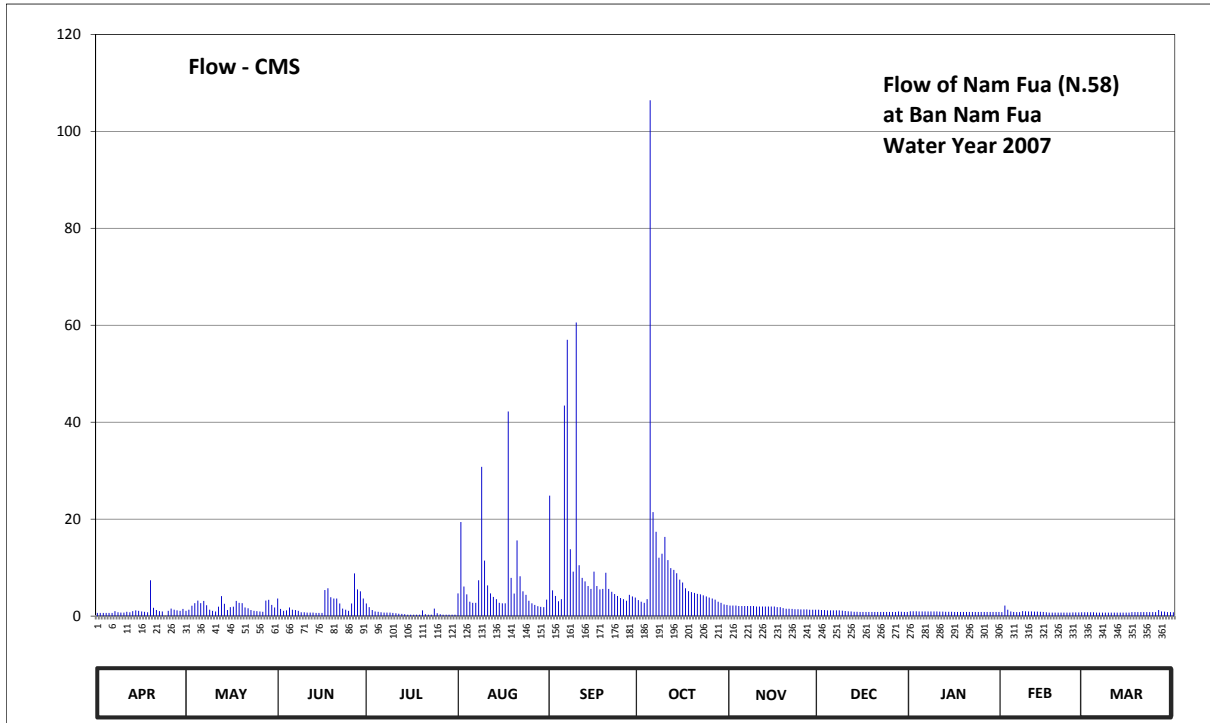
Lat 17 - 08 - 45 N Long 100 - 56 - 04 E

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	Overbank flow starts at elevation +213.280 m.(MSL.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 13 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	209.42	209.48	209.81	209.68	209.64	211.22	209.49	209.38	209.22	209.14	209.09	209.08	
2	209.42	209.51	209.53	209.58	210.89	209.76	209.46	209.38	209.21	209.14	209.38	209.08	
3	209.42	209.62	209.48	209.50	209.85	209.57	209.44	209.38	209.21	209.14	209.22	209.08	
4	209.42	209.69	209.49	209.46	209.60	209.47	209.51	209.36	209.20	209.13	209.13	209.08	
5	209.42	209.76	209.57	209.45	209.46	209.51	214.62	209.36	209.20	209.13	209.10	209.06	
6	209.42	209.69	209.51	209.44	209.44	212.22	211.02	209.36	209.20	209.13	209.09	209.06	
7	209.47	209.75	209.50	209.43	209.44	212.82	210.76	209.36	209.19	209.13	209.09	209.06	
8	209.44	209.63	209.48	209.43	209.96	210.50	210.35	209.36	209.19	209.13	209.15	209.06	
9	209.43	209.51	209.44	209.43	211.56	210.11	210.42	209.36	209.18	209.13	209.14	209.06	
10	209.43	209.48	209.44	209.42	210.30	212.96	210.69	209.34	209.16	209.13	209.13	209.06	
11	209.45	209.46	209.43	209.41	209.87	210.22	210.31	209.34	209.14	209.12	209.13	209.06	
12	209.44	209.59	209.43	209.40	209.64	210.00	210.17	209.34	209.13	209.12	209.12	209.06	
13	209.47	209.85	209.43	209.39	209.55	209.94	210.14	209.34	209.11	209.11	209.12	209.06	
14	209.49	209.67	209.42	209.38	209.51	209.86	210.08	209.34	209.11	209.11	209.11	209.06	
15	209.48	209.50	209.42	209.36	209.44	209.81	209.97	209.34	209.10	209.11	209.10	209.06	
16	209.46	209.58	209.42	209.36	209.43	210.11	209.92	209.34	209.10	209.10	209.08	209.06	
17	209.45	209.59	209.95	209.36	209.43	209.86	209.82	209.32	209.10	209.10	209.06	209.09	
18	209.44	209.75	209.98	209.36	212.16	209.80	209.73	209.32	209.10	209.10	209.06	209.09	
19	210.08	209.70	209.83	209.36	210.00	209.81	209.69	209.28	209.10	209.10	209.06	209.09	
20	209.56	209.69	209.81	209.49	209.63	210.09	209.66	209.26	209.10	209.10	209.06	209.09	
21	209.50	209.57	209.81	209.38	210.64	209.81	209.62	209.26	209.10	209.10	209.06	209.09	
22	209.47	209.55	209.68	209.36	210.03	209.70	209.60	209.25	209.10	209.10	209.06	209.09	
23	209.46	209.50	209.54	209.36	209.72	209.61	209.58	209.24	209.10	209.10	209.06	209.09	
24	209.31	209.48	209.51	209.54	209.59	209.57	209.56	209.24	209.10	209.10	209.06	209.09	
25	209.48	209.47	209.48	209.41	209.48	209.53	209.54	209.23	209.10	209.10	209.07	209.09	
26	209.54	209.46	209.68	209.38	209.43	209.51	209.52	209.23	209.10	209.10	209.07	209.21	
27	209.51	209.45	210.16	209.36	209.40	209.48	209.50	209.23	209.10	209.10	209.07	209.13	
28	209.49	209.76	209.96	209.36	209.35	209.59	209.46	209.22	209.13	209.10	209.08	209.12	
29	209.48	209.78	209.93	209.36	209.33	209.56	209.44	209.22	209.11	209.10	209.08	209.09	
30	209.53	209.64	209.81	209.36	209.32	209.54	209.41	209.22	209.10	209.10	209.06	209.09	
31		209.57		209.36	209.50		209.40		209.10	209.10		209.08	
Mean	209.48	209.60	209.63	209.42	209.83	210.12	210.00	209.31	209.14	209.11	209.10	209.08	
Max	210.08	209.85	210.16	209.68	212.16	212.96	214.62	209.38	209.22	209.14	209.38	209.21	214.62
Min	209.31	209.45	209.42	209.36	209.32	209.47	209.40	209.22	209.10	209.10	209.06	209.06	209.06
Annual Max Momentary Gage Height	215.16		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	208.36		m. (MSL.) ,			River Bed	209.17	m. (MSL.)					
Left Bank Elevation		213.27		m. (MSL.) ,									
Right Bank Elevation		214.82		m. (MSL.) ,		Drainage Are	317	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.65	1.10	3.63	2.60	4.70	24.85	3.29	2.19	1.31	0.99	0.82	0.78	
2	0.65	1.33	1.48	1.85	19.40	5.30	2.96	2.19	1.26	0.99	2.19	0.78	
3	0.65	2.15	1.10	1.25	6.09	4.17	2.74	2.19	1.26	0.99	1.31	0.78	
4	0.65	2.68	1.18	0.95	4.50	3.07	3.51	2.08	1.20	0.96	0.96	0.78	
5	0.65	3.20	1.78	0.88	2.96	3.51	106.43	2.08	1.20	0.96	0.85	0.71	
6	0.65	2.68	1.33	0.80	2.74	43.45	21.44	2.08	1.20	0.96	0.82	0.71	
7	1.03	3.13	1.25	0.73	2.74	57.01	17.40	2.08	1.17	0.96	0.82	0.71	
8	0.80	2.23	1.10	0.73	7.40	13.81	12.03	2.08	1.17	0.96	1.03	0.71	
9	0.73	1.33	0.80	0.73	30.80	9.18	12.86	2.08	1.13	0.96	0.99	0.71	
10	0.73	1.10	0.80	0.65	11.44	60.57	16.35	1.97	1.06	0.96	0.96	0.71	
11	0.88	0.95	0.73	0.58	6.33	10.49	11.56	1.97	0.99	0.92	0.96	0.71	
12	0.80	1.93	0.73	0.50	4.70	7.88	9.89	1.97	0.96	0.92	0.92	0.71	
13	1.03	4.13	0.73	0.45	3.95	7.16	9.54	1.97	0.89	0.89	0.92	0.71	
14	1.18	2.53	0.65	0.40	3.51	6.21	8.83	1.97	0.89	0.89	0.89	0.71	
15	1.10	1.25	0.65	0.30	2.74	5.62	7.52	1.97	0.85	0.89	0.85	0.71	
16	0.95	1.85	0.65	0.30	2.63	9.18	6.93	1.97	0.85	0.85	0.78	0.71	
17	0.88	1.93	5.38	0.30	2.63	6.21	5.74	1.86	0.85	0.85	0.71	0.82	
18	0.80	3.13	5.75	0.30	42.23	5.50	5.15	1.86	0.85	0.85	0.71	0.82	
19	7.40	2.75	3.88	0.30	7.88	5.62	4.95	1.64	0.85	0.85	0.71	0.82	
20	1.70	2.68	3.63	1.18	4.65	8.94	4.80	1.53	0.85	0.85	0.71	0.82	
21	1.25	1.78	3.63	0.40	15.60	5.62	4.60	1.53	0.85	0.85	0.71	0.82	
22	1.03	1.63	2.60	0.30	8.23	5.00	4.50	1.48	0.85	0.85	0.71	0.82	
23	0.95	1.25	1.55	0.30	5.10	4.55	4.28	1.42	0.85	0.85	0.71	0.82	
24	0.05	1.10	1.33	1.55	4.39	4.17	4.06	1.42	0.85	0.85	0.71	0.82	
25	1.10	1.03	1.10	0.58	3.18	3.73	3.84	1.37	0.85	0.85	0.75	0.82	
26	1.55	0.95	2.60	0.40	2.63	3.51	3.62	1.37	0.85	0.85	0.75	1.26	
27	1.33	0.88	8.80	0.30	2.30	3.18	3.40	1.37	0.85	0.85	0.75	0.96	
28	1.18	3.20	5.50	0.30	2.03	4.39	2.96	1.31	0.96	0.85	0.78	0.92	
29	1.10	3.35	5.13	0.30	1.92	4.06	2.74	1.31	0.89	0.85	0.78	0.82	
30	1.48	2.30	3.63	0.30	1.86	3.84	2.41	1.31	0.85	0.85		0.82	
31		1.78		0.30	3.40		2.30		0.85	0.85		0.78	
Total	34.93	63.31	73.10	20.81	224.66	339.78	312.63	53.62	30.29	27.80	25.56	24.58	1231.07 CMSDAY
Mean	1.16	2.04	2.44	0.67	7.25	11.33	10.08	1.79	0.98	0.90	0.88	0.79	3.36 CMS
Max	7.40	4.13	8.80	2.60	42.23	60.57	106.43	2.19	1.31	0.99	2.19	1.26	106.43 CMS
Min	0.05	0.88	0.65	0.30	1.86	3.07	2.30	1.31	0.85	0.85	0.71	0.71	0.05 CMS
Runoff	3.02	5.47	6.32	1.80	19.41	29.36	27.01	4.63	2.62	2.40	2.21	2.12	106.36 MCM
Momentary Peak		124.65 CMS.											at 215.16 m. (MSL.) at 12.00 Hours , on Oct 5, 2007
Runoff Yield		10.64											Liters/Second/Square KM. Momentary Peak Yield 393.22 Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Lam Nam Khan at Ban Na Pho Na Chan , Phitsanulok (N.59)

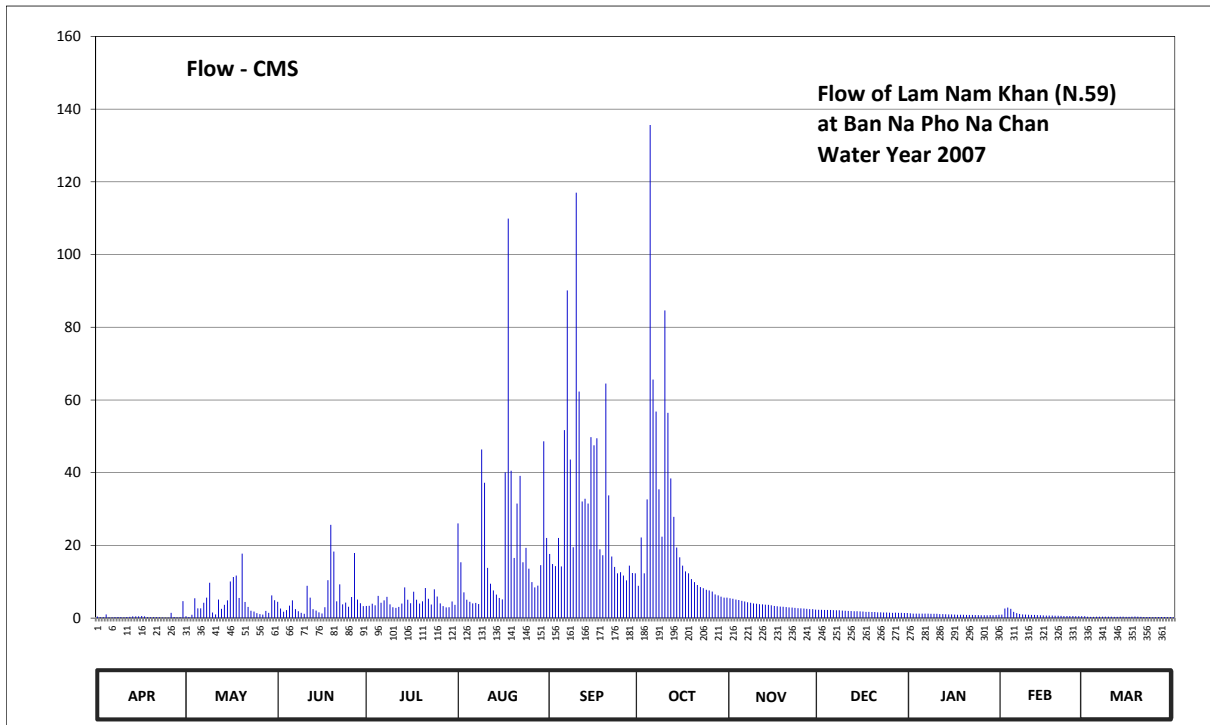
Lat 17 - 01 - 49 N Long 100 - 50 - 35 E

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	Fairly stable.					
Overbank Flow Conditions	Overbank flow starts at elevation +204.570 m.(MSL.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 17 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	199.88	199.95	201.22	200.93	204.02	203.31	202.08	201.45	200.63	200.28	200.15	199.94	
2	199.74	199.80	200.74	200.95	203.04	202.98	203.76	201.42	200.63	200.26	200.75	199.86	
3	199.74	200.13	200.45	201.09	201.78	202.90	202.62	201.37	200.62	200.25	200.83	199.83	
4	200.16	201.45	200.60	200.98	201.36	203.75	204.44	201.34	200.62	200.25	200.71	199.83	
5	199.73	200.76	200.96	201.58	201.22	202.89	207.01	201.29	200.61	200.26	200.44	199.85	
6	199.73	200.76	201.32	201.16	201.11	205.23	205.61	201.24	200.60	200.26	200.31	199.86	
7	199.77	201.16	200.69	201.32	201.14	206.21	205.37	201.19	200.58	200.25	200.21	199.86	
8	199.80	201.49	200.49	201.53	201.07	204.94	204.59	201.15	200.58	200.23	200.17	199.85	
9	199.76	202.22	200.34	201.05	205.05	203.51	203.78	201.11	200.56	200.24	200.14	199.85	
10	199.73	200.37	200.24	200.85	204.67	206.70	206.09	201.09	200.54	200.23	200.13	199.85	
11	199.79	200.16	202.08	200.80	202.83	205.52	205.36	201.06	200.52	200.20	200.11	199.84	
12	199.82	201.38	201.49	200.87	202.18	204.41	204.72	201.05	200.51	200.19	200.11	199.84	
13	199.92	200.71	200.68	201.10	201.87	204.45	204.17	201.02	200.49	200.18	200.10	199.85	
14	199.91	201.01	200.56	202.01	201.65	204.38	203.50	201.01	200.50	200.16	200.07	199.85	
15	199.92	201.32	200.39	201.36	201.47	205.17	203.20	200.98	200.48	200.16	200.05	199.84	
16	199.99	202.28	200.27	201.12	201.39	205.09	202.92	200.93	200.47	200.14	200.04	199.84	
17	199.93	202.47	200.85	201.81	204.79	205.16	202.69	200.91	200.44	200.13	200.03	199.87	
18	199.76	202.53	202.34	201.36	206.58	203.45	202.62	200.89	200.44	200.13	200.03	199.90	
19	199.73	201.47	203.99	201.10	204.81	203.27	202.39	200.88	200.43	200.12	200.02	199.85	
20	199.77	203.32	203.39	201.25	203.18	205.58	202.25	200.86	200.42	200.11	200.02	199.83	
21	199.74	201.21	201.25	201.98	204.38	204.50	202.12	200.84	200.40	200.11	200.00	199.80	
22	199.71	200.87	202.15	201.42	204.75	203.23	202.02	200.82	200.39	200.11	199.99	199.80	
23	199.67	200.54	201.05	201.03	203.04	202.87	201.97	200.80	200.38	200.10	199.98	199.79	
24	199.65	200.46	201.17	201.92	203.49	202.62	201.90	200.78	200.37	200.09	199.98	199.78	
25	199.63	200.30	200.88	201.55	202.80	202.66	201.87	200.76	200.35	200.08	199.97	199.78	
26	200.34	200.20	201.52	201.11	202.25	202.53	201.82	200.74	200.34	200.08	199.95	199.81	
27	199.81	200.14	203.34	200.92	202.01	202.33	201.66	200.72	200.35	200.08	199.95	199.80	
28	199.70	200.52	201.38	200.84	202.09	202.92	201.61	200.69	200.33	200.09	199.95	199.79	
29	199.75	200.33	201.12	200.85	202.94	202.63	201.54	200.68	200.33	200.08	199.95	199.78	
30	201.26	201.61	200.92	201.24	205.13	202.62	201.49	200.65	200.32	200.09	199.77	199.77	
31		201.33		201.01	203.75		201.49		200.32	200.13		199.73	
Mean	199.86	201.04	201.26	201.23	202.96	203.93	203.18	200.99	200.47	200.16	200.14	199.83	
Max	201.26	203.32	203.99	202.01	206.58	206.70	207.01	201.45	200.63	200.28	200.83	199.94	207.01
Min	199.63	199.80	200.24	200.80	201.07	202.33	201.49	200.65	200.32	200.08	199.95	199.73	199.63
Annual Max Momentary Gage Height	207.26		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	197.68		m. (MSL.) ,			River Bed	197.73		m. (MSL.)				
Left Bank Elevation	206.14		m. (MSL.) ,										
Right Bank Elevation	204.56		m. (MSL.) ,			Drainage Are	415		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.42	0.53	4.48	3.32	26.04	17.64	8.88	5.45	2.29	1.30	0.98	0.51	
2	0.24	0.30	2.62	3.40	15.34	14.86	22.16	5.30	2.29	1.25	2.65	0.39	
3	0.24	0.93	1.75	3.96	7.10	14.30	12.34	5.08	2.26	1.23	2.92	0.35	
4	1.00	5.45	2.20	3.52	5.04	22.05	32.64	4.96	2.26	1.23	2.53	0.35	
5	0.23	2.68	3.44	6.10	4.48	14.23	135.65	4.76	2.23	1.25	1.72	0.38	
6	0.23	2.68	4.88	4.24	4.04	51.70	65.63	4.56	2.20	1.25	1.38	0.39	
7	0.27	4.24	2.47	4.88	4.16	90.12	56.83	4.36	2.14	1.23	1.13	0.39	
8	0.30	5.65	1.87	5.85	3.88	43.59	35.42	4.20	2.14	1.18	1.03	0.38	
9	0.26	9.72	1.45	3.80	46.40	19.50	22.38	4.04	2.08	1.20	0.95	0.38	
10	0.23	1.53	1.20	3.00	37.25	117.00	84.65	3.96	2.02	1.18	0.93	0.38	
11	0.29	1.00	8.88	2.80	13.81	62.33	56.47	3.84	1.96	1.10	0.88	0.36	
12	0.33	5.12	5.65	3.08	9.48	32.09	38.42	3.80	1.93	1.08	0.88	0.36	
13	0.48	2.53	2.44	4.00	7.62	32.83	27.84	3.68	1.87	1.05	0.85	0.38	
14	0.47	3.64	2.08	8.46	6.45	31.53	19.40	3.64	1.90	1.00	0.78	0.38	
15	0.48	4.88	1.58	5.04	5.55	49.76	16.70	3.52	1.84	1.00	0.73	0.36	
16	0.59	10.08	1.28	4.08	5.16	47.52	14.44	3.32	1.81	0.95	0.70	0.36	
17	0.50	11.29	3.00	7.26	40.07	49.48	12.83	3.24	1.72	0.93	0.68	0.41	
18	0.26	11.71	10.44	5.04	109.90	18.90	12.34	3.16	1.72	0.93	0.68	0.45	
19	0.23	5.55	25.64	4.00	40.54	17.30	10.74	3.12	1.69	0.90	0.65	0.38	
20	0.27	17.72	18.32	4.60	16.53	64.53	9.90	3.04	1.66	0.88	0.65	0.35	
21	0.24	4.44	4.60	8.28	31.53	33.75	9.12	2.96	1.60	0.88	0.60	0.30	
22	0.21	3.08	9.30	5.30	39.13	16.96	8.52	2.88	1.58	0.88	0.59	0.30	
23	0.17	2.02	3.80	3.72	15.34	14.09	8.22	2.80	1.55	0.85	0.57	0.29	
24	0.15	1.78	4.28	7.92	19.30	12.34	7.80	2.74	1.53	0.83	0.57	0.28	
25	0.13	1.35	3.12	5.95	13.60	12.62	7.62	2.68	1.48	0.80	0.56	0.28	
26	1.45	1.10	5.80	4.04	9.90	11.71	7.32	2.62	1.45	0.80	0.53	0.32	
27	0.32	0.95	17.89	3.28	8.46	10.38	6.50	2.56	1.48	0.80	0.53	0.30	
28	0.20	1.96	5.12	2.96	8.94	14.44	6.25	2.47	1.43	0.83	0.53	0.29	
29	0.25	1.43	4.08	3.00	14.58	12.41	5.90	2.44	1.43	0.80	0.53	0.28	
30	4.64	6.25	3.28	4.56	48.64	12.34	5.65	2.35	1.40	0.83		0.27	
31		4.92		3.64	22.05		5.65		1.40	0.93		0.23	
Total	15.08	136.51	166.94	143.08	640.31	962.30	774.21	107.53	56.34	31.35	28.71	10.83	3073.19 CMSDAY
Mean	0.50	4.40	5.56	4.62	20.66	32.08	24.97	3.58	1.82	1.01	0.99	0.35	8.40 CMS
Max	4.64	17.72	25.64	8.46	109.90	117.00	135.65	5.45	2.29	1.30	2.92	0.51	135.65 CMS
Min	0.13	0.30	1.20	2.80	3.88	10.38	5.65	2.35	1.40	0.80	0.53	0.23	0.13 CMS
Runoff	1.30	11.79	14.42	12.36	55.32	83.14	66.89	9.29	4.87	2.71	2.48	0.94	265.52 MCM
Momentary Peak	151.90 CMS. at 207.26 m. (MSL.) at 15.00 Hours , on Oct 5, 2007												
Runoff Yield	20.29 Liters/Second/Square KM.			Momentary Peak Yield			366.02 Liters/Second/Square KM.						

WATER YEAR : 2007**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	+57.592 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 good. Flow effected by Sirikit Dam reservoir. Stage-discharge relation defined by 22 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	51.02	50.66	49.61	50.87	50.05	50.38	49.72	49.32	50.27	50.76	51.18	50.90	
2	50.71	50.10	49.64	50.59	49.93	50.35	49.55	49.67	50.03	50.90	51.22	50.83	
3	51.09	50.73	49.49	50.76	50.48	50.33	49.45	49.62	50.20	51.04	50.97	50.55	
4	51.12	50.54	49.57	50.63	50.52	50.39	49.46	49.62	50.41	51.20	50.85	51.02	
5	51.15	50.83	49.80	50.57	50.50	50.45	49.72	49.69	50.24	51.03	51.15	50.88	
6	51.18	50.55	49.86	50.64	50.19	50.50	51.69	49.74	50.15	50.98	51.06	50.85	
7	50.73	49.90	49.78	50.55	50.35	51.36	52.47	49.65	50.25	50.70	51.22	50.82	
8	50.73	49.83	50.10	50.47	50.31	52.07	51.48	49.67	50.34	51.18	50.98	50.86	
9	50.81	49.82	50.68	50.19	50.67	50.82	50.67	49.69	50.47	51.25	50.85	50.94	
10	51.02	49.90	50.23	50.57	50.92	50.16	50.39	50.01	50.08	51.20	50.79	50.59	
11	51.34	49.75	50.03	50.51	50.84	50.06	50.32	50.04	50.51	51.16	50.67	50.94	
12	51.39	49.97	50.60	50.53	50.72	49.84	50.38	49.64	50.78	51.14	51.25	51.08	
13	51.60	50.00	50.66	50.49	50.45	50.69	50.11	49.98	51.22	51.05	51.13	51.09	
14	51.13	49.84	50.47	50.45	50.44	50.68	49.93	50.13	51.15	50.79	51.24	50.99	
15	51.07	50.25	50.42	50.20	50.58	50.50	49.85	50.05	51.21	51.27	51.16	51.19	
16	51.00	50.91	50.53	49.96	50.43	50.19	49.72	50.13	50.46	51.17	51.11	51.13	
17	50.96	50.78	50.44	50.49	51.19	50.14	49.60	50.11	50.42	51.18	50.93	50.76	
18	51.17	50.26	50.25	50.33	51.94	50.12	49.55	50.00	50.82	51.22	50.99	51.02	
19	51.11	50.32	50.60	50.41	51.38	49.90	49.50	49.81	50.62	51.17	51.12	51.06	
20	51.17	50.03	50.79	50.56	50.64	50.31	49.40	50.13	50.78	51.16	51.06	50.91	
21	51.09	49.78	51.12	50.54	50.59	51.30	49.67	50.65	51.17	50.78	51.19	50.91	
22	50.88	49.77	51.02	50.13	50.79	50.50	49.94	51.16	51.29	51.11	51.21	51.18	
23	50.57	49.65	51.10	50.00	51.08	49.83	50.12	51.24	51.47	51.15	51.16	50.73	
24	50.82	49.49	50.89	50.38	50.47	49.54	49.81	51.24	50.73	51.04	50.93	50.67	
25	50.80	49.54	50.70	50.37	50.39	49.47	49.36	50.66	50.90	51.16	50.70	51.13	
26	50.64	49.63	50.94	50.47	50.15	49.35	49.23	50.19	51.03	51.16	50.99	51.06	
27	50.74	49.49	51.29	50.48	50.06	49.62	49.27	50.40	51.25	51.16	50.84	51.01	
28	50.78	49.34	51.49	50.47	50.05	49.84	49.35	50.34	51.21	51.07	50.77	51.07	
29	50.63	49.52	51.34	50.34	49.97	49.74	49.34	50.29	51.18	51.14	50.85	51.23	
30	50.36	49.46	50.97	49.99	50.04	49.73	49.41	50.37	50.90	51.13	51.11	51.11	
31		49.69		49.95	50.19		49.29		50.76	51.15		50.87	
Mean	50.96	50.01	50.48	50.42	50.53	50.27	49.93	50.11	50.72	51.08	51.02	50.95	
Max	51.60	50.91	51.49	50.87	51.94	52.07	52.47	51.24	51.47	51.27	51.25	51.23	52.47
Min	50.36	49.34	49.49	49.95	49.93	49.35	49.23	49.32	50.03	50.70	50.67	50.55	49.23
Annual Max Momentary Gage Height	52.62		m. (MSL.) ,			at 10.00 Hours ,							
Zero Gage at Bottom Elevation	48.50		m. (MSL.) ,			River Bed	43.90	m. (MSL.)					
Left Bank Elevation		57.89		m. (MSL.) ,									
Right Bank Elevation		56.76		m. (MSL.) ,		Drainage Are	18,447	Square Kilometers					

WATER YEAR : 2007

NAN RIVER BASIN

Huai Nam Khlung at Ban Huai Tha Nua , Phitsanulok (N.62)

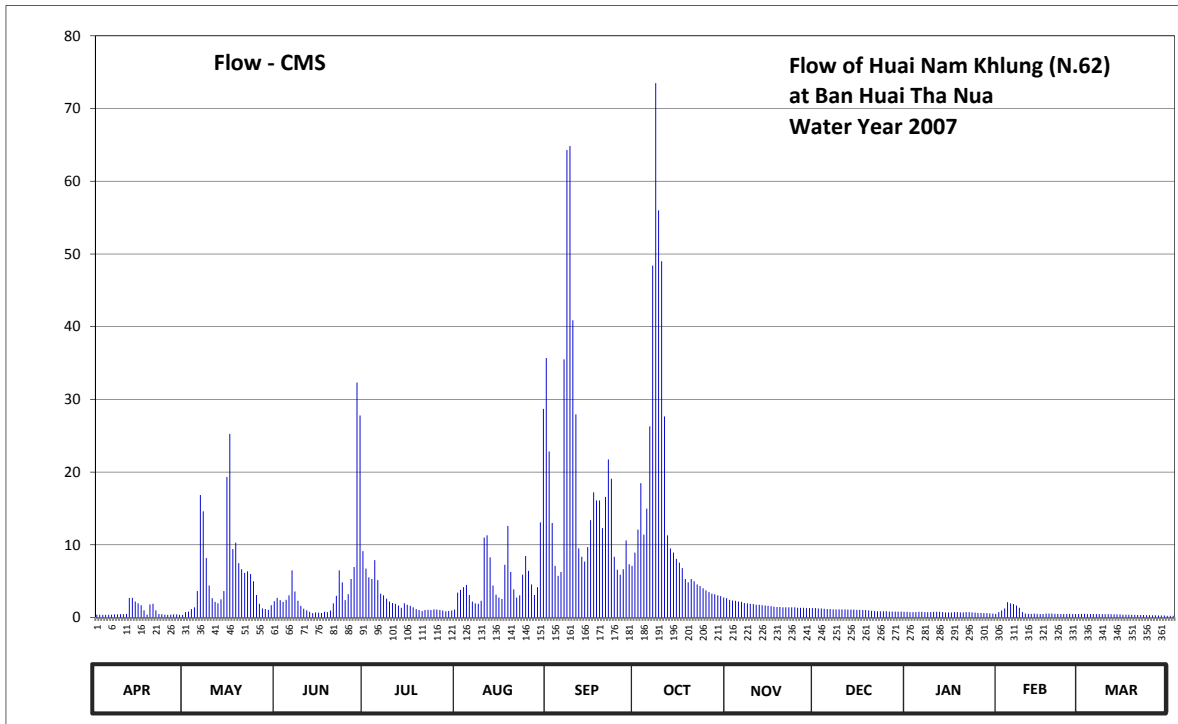
Lat 17 - 14 - 24 N Long 100 - 33 - 18 E

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	Overbank flow starts at elevation +195.670 m.(MSL.) and is including overbank flow.					
General Description	Records good. Stage-discharge relation defined by 14 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.96	191.07	191.50	192.07	191.63	193.54	192.65	191.45	191.21	191.07	191.13	191.00	
2	190.96	191.09	191.44	191.91	191.68	192.74	193.19	191.43	191.21	191.07	191.21	190.99	
3	190.95	191.19	191.39	191.88	191.73	192.12	192.58	191.42	191.20	191.07	191.38	190.99	
4	190.95	191.24	191.45	192.22	191.77	191.94	192.91	191.40	191.19	191.08	191.35	190.99	
5	190.96	191.66	191.57	191.86	191.58	192.01	193.78	191.39	191.19	191.08	191.33	190.99	
6	190.96	193.06	192.04	191.61	191.40	194.36	195.05	191.36	191.18	191.07	191.29	190.98	
7	190.97	192.88	191.65	191.57	191.35	195.72	196.05	191.35	191.18	191.07	191.23	190.98	
8	190.97	192.25	191.42	191.48	191.34	195.74	195.40	191.34	191.18	191.07	191.07	190.98	
9	190.98	191.76	191.28	191.40	191.42	194.66	195.08	191.33	191.18	191.08	191.01	190.98	
10	190.98	191.49	191.20	191.36	192.54	193.89	193.87	191.31	191.18	191.08	191.00	190.98	
11	191.00	191.39	191.14	191.34	192.57	192.39	192.57	191.31	191.17	191.08	191.00	190.97	
12	191.50	191.35	191.08	191.29	192.26	192.27	192.39	191.30	191.17	191.07	191.01	190.97	
13	191.50	191.46	191.03	191.23	191.76	192.20	192.33	191.29	191.17	191.06	191.00	190.97	
14	191.40	191.66	191.06	191.35	191.59	192.41	192.24	191.28	191.16	191.06	190.99	190.96	
15	191.35	193.26	191.05	191.31	191.51	192.78	192.18	191.27	191.16	191.06	190.99	190.96	
16	191.30	193.71	191.04	191.28	191.47	193.09	192.08	191.26	191.15	191.07	191.01	190.96	
17	191.14	192.38	191.08	191.24	192.14	193.00	191.88	191.25	191.15	191.07	191.01	190.95	
18	190.96	192.47	191.07	191.19	192.70	193.00	191.82	191.25	191.14	191.06	191.01	190.95	
19	191.32	192.17	191.13	191.15	192.01	192.67	191.88	191.24	191.12	191.06	191.00	190.94	
20	191.34	192.06	191.35	191.11	191.69	193.04	191.84	191.24	191.11	191.07	191.00	190.94	
21	191.14	191.99	191.56	191.15	191.51	193.45	191.78	191.24	191.10	191.07	190.99	190.94	
22	190.99	192.02	192.04	191.16	191.57	193.24	191.75	191.24	191.10	191.06	190.99	190.93	
23	190.98	191.97	191.82	191.15	191.96	192.27	191.71	191.24	191.10	191.05	190.99	190.93	
24	190.96	191.84	191.44	191.18	192.28	192.05	191.67	191.23	191.10	191.04	191.00	190.92	
25	190.95	191.58	191.60	191.17	192.03	191.96	191.64	191.23	191.09	191.04	190.99	190.92	
26	190.96	191.34	191.88	191.15	191.78	192.06	191.61	191.23	191.09	191.03	190.99	190.91	
27	190.97	191.21	192.10	191.13	191.58	192.50	191.60	191.22	191.09	191.03	190.99	190.91	
28	190.97	191.19	194.17	191.10	191.73	192.15	191.57	191.22	191.09	191.02	191.00	190.91	
29	190.95	191.16	193.88	191.11	192.75	192.12	191.55	191.22	191.09	191.01	191.00	190.90	
30	190.95	191.30	192.35	191.13	193.94	192.33	191.51	191.22	191.08	191.00	190.90	190.90	
31		191.41		191.17	194.37		191.49		191.08	191.07		190.90	
Mean	191.08	191.83	191.63	191.37	191.99	192.92	192.57	191.29	191.14	191.06	191.07	190.95	
Max	191.50	193.71	194.17	192.22	194.37	195.74	196.05	191.45	191.21	191.08	191.38	191.00	196.05
Min	190.95	191.07	191.03	191.10	191.34	191.94	191.49	191.22	191.08	191.00	190.99	190.90	190.90
Annual Max Momentary Gage Height	196.31		m. (MSL.) ,				at 06.00 Hours ,						on Oct 7, 2007
Zero Gage at Bottom Elevation	190.31		m. (MSL.) ,			River Bed	190.61		m. (MSL.)				
Left Bank Elevation		195.86		m. (MSL.) ,									
Right Bank Elevation		195.66		m. (MSL.) ,		Drainage Are	353		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.40	0.75	2.70	6.73	3.43	22.85	12.10	2.45	1.25	0.75	0.96	0.50		
2	0.40	0.82	2.40	5.53	3.80	13.00	18.48	2.35	1.25	0.75	1.25	0.48		
3	0.38	1.17	2.15	5.30	4.18	7.10	11.40	2.30	1.20	0.75	2.10	0.48		
4	0.38	1.40	2.45	7.89	4.48	5.75	14.98	2.20	1.17	0.78	1.95	0.48		
5	0.40	3.65	3.05	5.15	3.10	6.28	26.30	2.15	1.17	0.78	1.85	0.48		
6	0.40	16.85	6.50	3.28	2.20	35.52	48.40	2.00	1.13	0.75	1.65	0.45		
7	0.43	14.60	3.58	3.05	1.95	64.30	73.50	1.95	1.13	0.75	1.35	0.45		
8	0.43	8.18	2.30	2.60	1.90	64.85	56.00	1.90	1.13	0.75	0.75	0.45		
9	0.45	4.40	1.60	2.20	2.30	40.88	49.00	1.85	1.13	0.78	0.54	0.45		
10	0.45	2.65	1.20	2.00	11.00	27.95	27.65	1.75	1.13	0.78	0.50	0.45		
11	0.50	2.15	0.99	1.90	11.30	9.51	11.30	1.75	1.10	0.78	0.50	0.43		
12	2.70	1.95	0.78	1.65	8.27	8.37	9.51	1.70	1.10	0.75	0.54	0.43		
13	2.70	2.50	0.61	1.35	4.40	7.70	8.94	1.65	1.10	0.71	0.50	0.43		
14	2.20	3.65	0.71	1.95	3.15	9.70	8.08	1.60	1.06	0.71	0.48	0.40		
15	1.95	19.35	0.68	1.75	2.75	13.40	7.55	1.55	1.06	0.71	0.48	0.40		
16	1.70	25.25	0.64	1.60	2.55	17.23	6.80	1.50	1.03	0.75	0.54	0.40		
17	0.99	9.41	0.78	1.40	7.25	16.10	5.30	1.45	1.03	0.75	0.54	0.38		
18	0.40	10.30	0.75	1.17	12.60	16.10	4.85	1.45	0.99	0.71	0.54	0.38		
19	1.80	7.48	0.96	1.03	6.28	12.30	5.30	1.40	0.92	0.71	0.50	0.35		
20	1.90	6.65	1.95	0.89	3.88	16.60	5.00	1.40	0.89	0.75	0.50	0.35		
21	0.99	6.13	3.00	1.03	2.75	21.73	4.55	1.40	0.85	0.75	0.48	0.35		
22	0.48	6.35	6.50	1.06	3.05	19.10	4.33	1.40	0.85	0.71	0.48	0.33		
23	0.45	5.98	4.85	1.03	5.90	8.37	4.03	1.40	0.85	0.68	0.48	0.33		
24	0.40	5.00	2.40	1.13	8.46	6.58	3.73	1.35	0.85	0.64	0.50	0.30		
25	0.38	3.10	3.20	1.10	6.43	5.90	3.50	1.35	0.82	0.64	0.48	0.30		
26	0.40	1.90	5.30	1.03	4.55	6.65	3.28	1.35	0.82	0.61	0.48	0.28		
27	0.43	1.25	6.95	0.96	3.10	10.60	3.20	1.30	0.82	0.61	0.48	0.28		
28	0.43	1.17	32.32	0.85	4.18	7.33	3.05	1.30	0.82	0.57	0.50	0.28		
29	0.38	1.06	27.80	0.89	13.10	7.10	2.95	1.30	0.82	0.54	0.50	0.25		
30	0.38	1.70	9.13	0.96	28.70	8.94	2.75	1.30	0.78	0.50		0.25		
31		2.25		1.10	35.69		2.65		0.78	0.75		0.25		
Total	25.68	179.05	138.23	69.56	216.68	517.79	448.46	49.80	31.03	21.95	22.40	11.82	1732.45 CMSDAY	
Mean	0.86	5.78	4.61	2.24	6.99	17.26	14.47	1.66	1.00	0.71	0.77	0.38	4.73 CMS	
Max	2.70	25.25	32.32	7.89	35.69	64.85	73.50	2.45	1.25	0.78	2.10	0.50	73.50 CMS	
Min	0.38	0.75	0.61	0.85	1.90	5.75	2.65	1.30	0.78	0.50	0.48	0.25	0.25 CMS	
Runoff	2.22	15.47	11.94	6.01	18.72	44.74	38.75	4.30	2.68	1.90	1.94	1.02	149.68 MCM	
Momentary Peak		81.30	CMS.	at 196.31 m. (MSL.)	at 06.00 Hours									
Runoff Yield		13.45	Liters/Second/Square KM.		Momentary Peak Yield	230.31	Liters/Second/Square KM.							

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Pha Khwang , Nan (N.64)

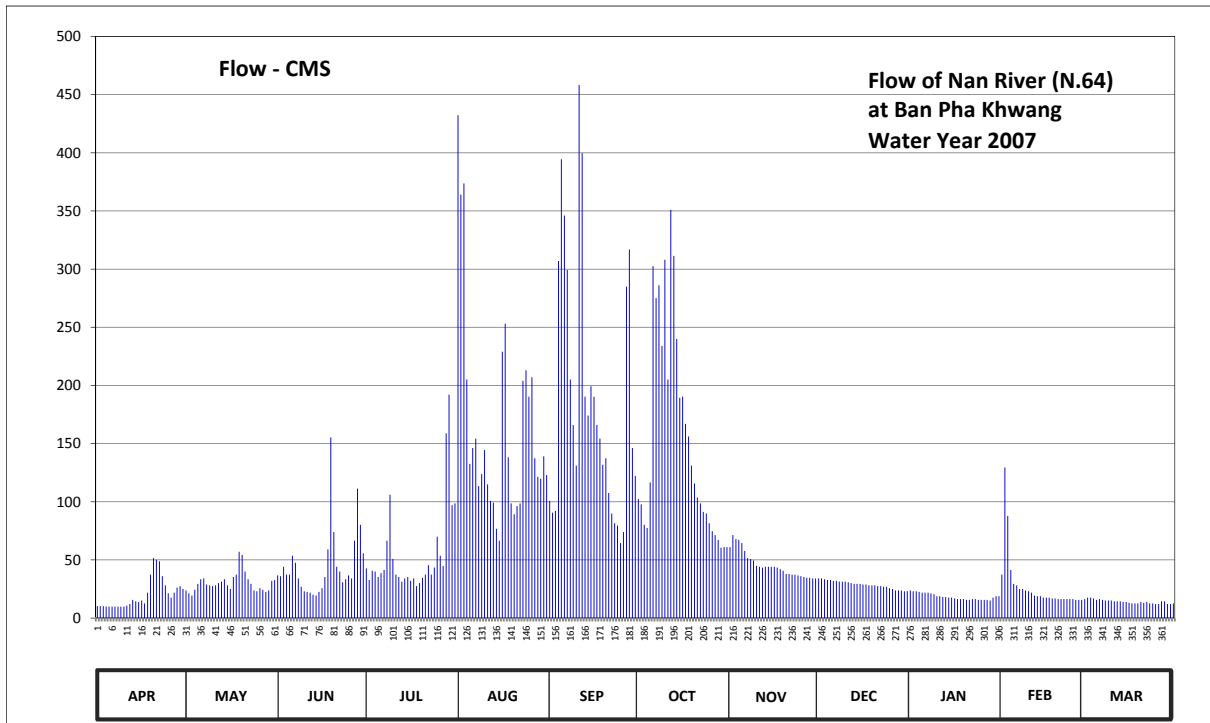
Lat 19 - 00 - 32 N Long 100 - 47 - 19 E

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	Water - stage recorder.		
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	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 good. Stage-discharge relation defined by 37 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	211.55	211.78	211.98	212.07	216.14	212.91	212.93	212.34	211.94	211.78	211.99	211.66	
2	211.55	211.74	211.97	211.92	215.60	212.77	212.87	212.49	211.94	211.77	213.28	211.68	
3	211.55	211.71	212.09	212.04	215.68	212.79	212.62	212.44	211.93	211.77	212.73	211.68	
4	211.54	211.79	211.99	212.03	214.13	215.10	212.58	212.43	211.92	211.76	212.05	211.67	
5	211.54	211.87	211.99	211.96	213.32	215.85	213.12	212.39	211.92	211.75	211.87	211.65	
6	211.54	211.93	212.23	212.01	213.48	215.45	215.06	212.29	211.91	211.75	211.85	211.66	
7	211.54	211.94	212.14	212.05	213.57	215.03	214.81	212.20	211.91	211.75	211.80	211.65	
8	211.54	211.86	211.94	212.42	213.08	214.13	214.91	212.19	211.90	211.74	211.80	211.64	
9	211.54	211.85	211.83	212.98	213.21	213.70	214.42	212.17	211.90	211.73	211.78	211.64	
10	211.54	211.84	211.77	212.19	213.46	213.30	215.11	212.10	211.90	211.70	211.77	211.64	
11	211.56	211.85	211.76	211.99	213.10	216.34	214.13	212.09	211.89	211.70	211.75	211.63	
12	211.59	211.88	211.75	211.96	212.91	215.89	215.49	212.08	211.88	211.69	211.71	211.63	
13	211.65	211.90	211.72	211.90	212.89	213.97	215.14	212.09	211.87	211.69	211.70	211.63	
14	211.63	211.93	211.71	211.94	212.57	213.79	214.48	212.09	211.87	211.68	211.70	211.62	
15	211.62	211.85	211.76	211.96	212.42	214.07	213.96	212.09	211.87	211.68	211.68	211.62	
16	211.64	211.80	211.81	211.91	214.37	213.97	213.97	212.09	211.86	211.67	211.68	211.61	
17	211.60	211.96	211.96	211.94	214.61	213.70	213.71	212.08	211.86	211.66	211.68	211.60	
18	211.75	211.99	212.31	211.84	213.39	213.57	213.59	212.06	211.85	211.66	211.67	211.60	
19	211.99	212.28	213.58	211.88	212.88	213.31	213.30	212.04	211.85	211.66	211.67	211.60	
20	212.20	212.24	212.53	211.95	212.75	213.38	213.11	212.00	211.85	211.65	211.66	211.62	
21	212.18	212.03	212.09	211.99	212.85	213.00	212.95	212.00	211.84	211.65	211.66	211.61	
22	212.16	211.93	212.03	212.11	212.88	212.76	212.88	211.99	211.84	211.66	211.66	211.62	
23	211.97	211.87	211.89	211.99	214.12	212.64	212.78	211.99	211.83	211.66	211.66	211.60	
24	211.85	211.78	211.93	212.08	214.21	212.61	212.76	211.98	211.83	211.65	211.66	211.60	
25	211.74	211.77	211.98	212.47	213.97	212.39	212.64	211.97	211.81	211.65	211.66	211.59	
26	211.68	211.81	211.94	212.23	214.15	212.53	212.54	211.96	211.80	211.65	211.65	211.59	
27	211.75	211.79	212.42	212.10	213.38	214.90	212.49	211.95	211.78	211.65	211.65	211.63	
28	211.82	211.76	213.05	213.62	213.18	215.19	212.43	211.95	211.78	211.64	211.65	211.63	
29	211.84	211.78	212.62	213.99	213.16	213.48	212.33	211.94	211.78	211.68	211.65	211.59	
30	211.80	211.91	212.26	212.86	213.40	213.19	212.34	211.94	211.77	211.70	211.70	211.59	
31		211.92		212.88	213.20		212.34		211.77	211.70		211.60	
Mean	211.72	211.88	212.10	212.23	213.61	213.86	213.48	212.11	211.86	211.69	211.82	211.63	
Max	212.20	212.28	213.58	213.99	216.14	216.34	215.49	212.49	211.94	211.78	213.28	211.68	216.34
Min	211.54	211.71	211.71	211.84	212.42	212.39	212.33	211.94	211.77	211.64	211.65	211.59	211.54
Annual Max Momentary Gage Height	217.46		m. (MSL.) ,				at 21.00 Hours , on Sep 11, 2007						
Zero Gage at Bottom Elevation	210.90		m. (MSL.) ,			River Bed	211.56	m. (MSL.)					
Left Bank Elevation		226.42		m. (MSL.) ,									
Right Bank Elevation		224.09		m. (MSL.) ,		Drainage Are	3,476	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.30	23.76	36.68	42.76	432.20	100.75	102.25	61.12	34.04	23.76	37.34	16.32		
2	10.30	21.28	36.02	32.72	364.00	90.64	97.84	71.32	34.04	23.14	129.40	17.56		
3	10.30	19.42	44.12	40.72	373.60	92.08	80.16	67.92	33.38	23.14	87.76	17.56		
4	9.84	24.38	37.34	40.04	205.00	307.00	77.44	67.24	32.72	22.52	41.40	16.94		
5	9.84	29.48	37.34	35.36	132.60	394.50	116.60	64.52	32.72	21.90	29.48	15.70		
6	9.84	33.38	53.64	38.68	146.20	346.00	302.60	57.72	32.06	21.90	28.20	16.32		
7	9.84	34.04	47.52	41.40	154.30	299.30	275.10	51.60	32.06	21.90	25.00	15.70		
8	9.84	28.84	34.04	66.56	113.50	205.00	286.10	50.92	31.40	21.28	25.00	15.08		
9	9.84	28.20	26.92	106.00	123.80	166.00	234.00	49.56	31.40	20.66	23.76	15.08		
10	9.84	27.56	23.14	50.92	144.40	131.00	308.10	44.80	31.40	18.80	23.14	15.08		
11	10.76	28.20	22.52	37.34	115.00	458.20	205.00	44.12	30.76	18.80	21.90	14.46		
12	12.14	30.12	21.90	35.36	100.75	399.70	350.80	43.44	30.12	18.18	19.42	14.46		
13	15.70	31.40	20.04	31.40	99.28	190.30	311.40	44.12	29.48	18.18	18.80	14.46		
14	14.46	33.38	19.42	34.04	76.76	174.10	240.00	44.12	29.48	17.56	18.80	13.84		
15	13.84	28.20	22.52	35.36	66.56	199.30	189.40	44.12	29.48	17.56	17.56	13.84		
16	15.08	25.00	25.64	32.06	229.00	190.30	190.30	44.12	28.84	16.94	17.56	13.22		
17	12.60	35.36	35.36	34.04	253.10	166.00	166.90	43.44	28.84	16.32	17.56	12.60		
18	21.90	37.34	59.08	27.56	138.20	154.30	156.10	42.08	28.20	16.32	16.94	12.60		
19	37.34	57.04	155.20	30.12	98.56	131.80	131.00	40.72	28.20	16.32	16.94	12.60		
20	51.60	54.32	74.04	34.70	89.20	137.40	115.80	38.00	28.20	15.70	16.32	13.84		
21	50.24	40.04	44.12	37.34	96.40	107.50	103.75	38.00	27.56	15.70	16.32	13.22		
22	48.88	33.38	40.04	45.48	98.56	89.92	98.56	37.34	27.56	16.32	16.32	13.84		
23	36.02	29.48	30.76	37.34	204.00	81.52	91.36	37.34	26.92	16.32	16.32	12.60		
24	28.20	23.76	33.38	43.44	213.00	79.48	89.92	36.68	26.92	15.70	16.32	12.60		
25	21.28	23.14	36.68	69.96	190.30	64.52	81.52	36.02	25.64	15.70	16.32	12.14		
26	17.56	25.64	34.04	53.64	207.00	74.04	74.72	35.36	25.00	15.70	15.70	12.14		
27	21.90	24.38	66.56	44.80	137.40	285.00	71.32	34.70	23.76	15.70	15.70	14.46		
28	26.28	22.52	111.25	158.80	121.40	316.90	67.24	34.70	23.76	15.08	15.70	14.46		
29	27.56	23.76	80.16	192.10	119.80	146.20	60.44	34.04	23.76	17.56	15.70	12.14		
30	25.00	32.06	55.68	97.12	139.00	122.20	61.12	34.04	23.14	18.80		12.14		
31		32.72		98.56	123.00		61.12		23.14	18.80				
Total	608.12	941.58	1365.15	1705.72	5105.87	5700.95	4797.96	1373.22	893.98	572.26	776.68	439.60	24281.09	CMSDAY
Mean	20.27	30.37	45.51	55.02	164.71	190.03	154.77	45.77	28.84	18.46	26.78	14.18	66.34	CMS
Max	51.60	57.04	155.20	192.10	432.20	458.20	350.80	71.32	34.04	23.76	129.40	17.56	458.20	CMS
Min	9.84	19.42	19.42	27.56	66.56	64.52	60.44	34.04	23.14	15.08	15.70	12.14	9.84	CMS
Runoff	52.54	81.35	117.95	147.37	441.15	492.56	414.54	118.65	77.24	49.44	67.11	37.98	2097.89	MCM
Momentary Peak	616.00	CMS.	at 217.46 m. (MSL.)	at 21.00 Hours	, on Sep 11, 2007									
Runoff Yield	19.14	Liters/Second/Square KM.			Momentary Peak Yield	177.22	Liters/Second/Square KM.							

WATER YEAR : 2007

NAN RIVER BASIN

Nam Yao at Ban Pang Sa , Nan (N.65)

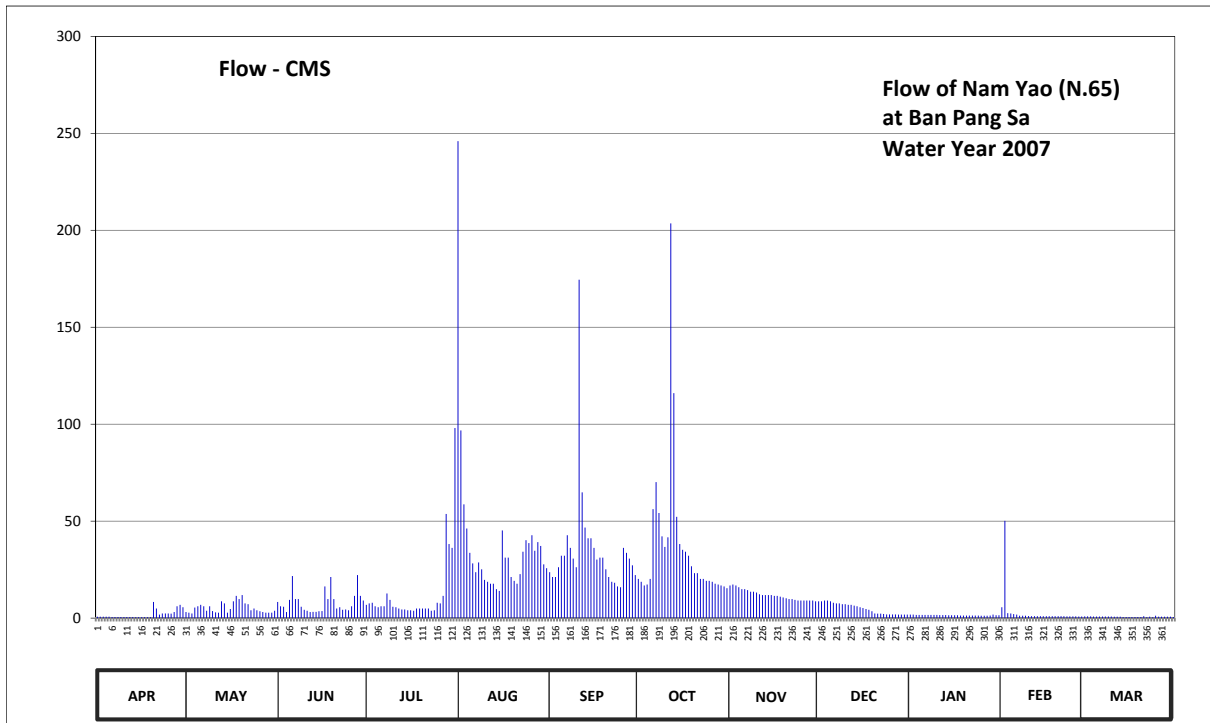
Lat 19 - 13 - 47 N Long 100 - 45 - 27 E

Location : on right bank at the bridge on highway.

	Ban Pang Sa	Amphoe	Tha Wang Pha	Changwat	Nan
Drainage Area	621 sq.km.				
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 meters from the top staff gage.			Elevation	+8.630 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	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 38 discharge measurements made in 2007.				

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.65	0.85	1.06	1.02	4.85	1.40	1.33	1.26	1.07	0.75	0.98	0.67	
2	0.65	0.83	1.00	1.04	2.78	1.35	1.30	1.27	1.07	0.75	1.93	0.67	
3	0.65	0.80	0.99	1.05	2.10	1.35	1.26	1.26	1.08	0.74	0.81	0.67	
4	0.65	0.97	0.85	1.00	1.85	1.45	1.27	1.24	1.08	0.74	0.80	0.66	
5	0.65	1.00	1.09	0.98	1.60	1.57	1.33	1.22	1.07	0.74	0.77	0.66	
6	0.64	1.02	1.36	1.00	1.49	1.57	2.05	1.22	1.05	0.74	0.75	0.66	
7	0.64	1.00	1.10	1.00	1.40	1.78	2.32	1.21	1.04	0.74	0.70	0.66	
8	0.64	0.90	1.10	1.17	1.50	1.65	2.01	1.19	1.04	0.74	0.70	0.66	
9	0.64	1.00	0.99	1.09	1.43	1.54	1.77	1.19	1.03	0.74	0.70	0.66	
10	0.64	0.89	0.92	0.99	1.32	1.45	1.66	1.18	1.03	0.74	0.69	0.66	
11	0.64	0.84	0.90	0.98	1.30	3.95	1.76	1.16	1.02	0.73	0.68	0.65	
12	0.64	0.83	0.85	0.95	1.28	2.22	4.32	1.15	1.02	0.73	0.68	0.65	
13	0.64	1.07	0.86	0.93	1.28	1.86	3.10	1.15	1.01	0.73	0.68	0.65	
14	0.63	1.04	0.86	0.93	1.22	1.75	1.97	1.15	1.00	0.72	0.68	0.64	
15	0.63	0.83	0.88	0.91	1.20	1.75	1.69	1.15	0.98	0.72	0.68	0.64	
16	0.63	0.94	0.89	0.91	1.83	1.65	1.63	1.14	0.96	0.72	0.68	0.64	
17	0.63	1.07	1.25	0.90	1.55	1.53	1.61	1.14	0.94	0.72	0.68	0.64	
18	0.63	1.14	1.10	0.95	1.55	1.55	1.57	1.13	0.92	0.71	0.68	0.64	
19	0.63	1.10	1.35	0.95	1.35	1.55	1.46	1.12	0.88	0.71	0.68	0.64	
20	1.06	1.15	1.10	0.95	1.31	1.43	1.39	1.11	0.80	0.71	0.68	0.64	
21	0.95	1.04	0.95	0.95	1.28	1.35	1.39	1.10	0.79	0.71	0.68	0.68	
22	0.75	1.03	0.98	0.95	1.38	1.30	1.33	1.10	0.79	0.71	0.68	0.63	
23	0.80	0.91	0.92	0.90	1.61	1.29	1.33	1.09	0.78	0.71	0.67	0.65	
24	0.80	0.95	0.93	0.91	1.73	1.25	1.31	1.08	0.76	0.71	0.67	0.63	
25	0.80	0.91	0.91	1.05	1.70	1.24	1.31	1.08	0.76	0.70	0.67	0.70	
26	0.79	0.88	1.00	1.04	1.78	1.65	1.30	1.08	0.76	0.70	0.67	0.65	
27	0.85	0.85	1.14	1.14	1.62	1.60	1.28	1.08	0.76	0.70	0.66	0.65	
28	1.00	0.83	1.37	2.00	1.71	1.54	1.27	1.08	0.75	0.71	0.66	0.65	
29	1.02	0.83	1.14	1.69	1.67	1.47	1.26	1.08	0.75	0.75	0.66	0.65	
30	0.98	0.83	1.08	1.65	1.48	1.37	1.25	1.07	0.75	0.72	0.66	0.65	
31		0.90		2.80	1.44		1.23		0.75	0.72		0.64	
Mean	0.73	0.94	1.03	1.12	1.66	1.61	1.65	1.15	0.92	0.72	0.75	0.65	
Max	1.06	1.15	1.37	2.80	4.85	3.95	4.32	1.27	1.08	0.75	1.93	0.70	4.85
Min	0.63	0.80	0.85	0.90	1.20	1.24	1.23	1.07	0.75	0.70	0.66	0.63	0.63
Annual Max Momentary Gage Height	6.20												
				m. (A.D.) ,									at 13.00 Hours , on Aug 1, 2007
Zero Gage at Bottom Elevation	0.00			m. (A.D.) ,									River Bed -0.20 m. (A.D.)
Left Bank Elevation		7.81		m. (A.D.) ,									
Right Bank Elevation		7.81		m. (A.D.) ,									Drainage Are 621 Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	3.10	8.32	6.84	246.00	23.70	20.20	16.82	8.69	1.80	5.64	0.90	
2	0.70	2.82	6.10	7.58	96.80	21.20	18.70	17.29	8.69	1.80	50.20	0.90	
3	0.70	2.40	5.87	7.95	58.70	21.20	16.82	16.82	9.06	1.68	2.54	0.90	
4	0.70	5.41	3.10	6.10	46.20	26.20	17.29	15.88	9.06	1.68	2.40	0.80	
5	0.70	6.10	9.43	5.64	33.70	32.20	20.20	14.94	8.69	1.68	2.04	0.80	
6	0.60	6.84	21.70	6.10	28.20	32.20	56.20	14.94	7.95	1.68	1.80	0.80	
7	0.60	6.10	9.80	6.10	23.70	42.70	70.10	14.47	7.58	1.68	1.20	0.80	
8	0.60	3.80	9.80	12.74	28.70	36.20	54.20	13.58	7.58	1.68	1.20	0.80	
9	0.60	6.10	5.87	9.43	25.20	30.70	42.20	13.58	7.21	1.68	1.20	0.80	
10	0.60	3.66	4.26	5.87	19.70	26.20	36.70	13.16	7.21	1.68	1.10	0.80	
11	0.60	2.96	3.80	5.64	18.70	174.50	41.70	12.32	6.84	1.56	1.00	0.70	
12	0.60	2.82	3.10	4.95	17.76	64.84	203.60	11.90	6.84	1.56	1.00	0.70	
13	0.60	8.69	3.24	4.49	17.76	46.70	116.00	11.90	6.47	1.56	1.00	0.70	
14	0.50	7.58	3.24	4.49	14.94	41.20	52.20	11.90	6.10	1.44	1.00	0.60	
15	0.50	2.82	3.52	4.03	14.00	41.20	38.20	11.90	5.64	1.44	1.00	0.60	
16	0.50	4.72	3.66	4.03	45.20	36.20	35.20	11.48	5.18	1.44	1.00	0.60	
17	0.50	8.69	16.35	3.80	31.20	30.20	34.20	11.48	4.72	1.44	1.00	0.60	
18	0.50	11.48	9.80	4.95	31.20	31.20	32.20	11.06	4.26	1.32	1.00	0.60	
19	0.50	9.80	21.20	4.95	21.20	31.20	26.70	10.64	3.52	1.32	1.00	0.60	
20	8.32	11.90	9.80	4.95	19.20	25.20	23.20	10.22	2.40	1.32	1.00	0.60	
21	4.95	7.58	4.95	4.95	17.76	21.20	23.20	9.80	2.28	1.32	1.00	1.00	
22	1.80	7.21	5.64	4.95	22.70	18.70	20.20	9.80	2.28	1.32	1.00	0.50	
23	2.40	4.03	4.26	3.80	34.20	18.23	20.20	9.43	2.16	1.32	0.90	0.70	
24	2.40	4.95	4.49	4.03	40.20	16.35	19.20	9.06	1.92	1.32	0.90	0.50	
25	2.40	4.03	4.03	7.95	38.70	15.88	19.20	9.06	1.92	1.20	0.90	1.20	
26	2.28	3.52	6.10	7.58	42.70	36.20	18.70	9.06	1.92	1.20	0.90	0.70	
27	3.10	3.10	11.48	11.48	34.70	33.70	17.76	9.06	1.92	1.20	0.80	0.70	
28	6.10	2.82	22.20	53.70	39.20	30.70	17.29	9.06	1.80	1.32	0.80	0.70	
29	6.84	2.82	11.48	38.20	37.20	27.20	16.82	9.06	1.80	1.80	0.80	0.70	
30	5.64	2.82	9.06	36.20	27.70	22.20	16.35	8.69	1.80	1.44		0.70	
31		3.80		98.00	25.70		15.41		1.80	1.44		0.60	
Total	57.53	164.47	245.65	391.47	1198.82	1055.30	1160.14	358.36	155.29	46.32	87.32	22.60	4943.27 CMSDAY
Mean	1.92	5.31	8.19	12.63	38.67	35.18	37.42	11.95	5.01	1.49	3.01	0.73	13.51 CMS
Max	8.32	11.90	22.20	98.00	246.00	174.50	203.60	17.29	9.06	1.80	50.20	1.20	246.00 CMS
Min	0.50	2.40	3.10	3.80	14.00	15.88	15.41	8.69	1.80	1.20	0.80	0.50	0.50 CMS
Runoff	4.97	14.21	21.22	33.82	103.58	91.18	100.24	30.96	13.42	4.00	7.54	1.95	427.10 MCM
Momentary Peak	364.00 CMS. at 6.20 m. (A.D.) at 13.00 Hours , on Aug 1, 2007												
Runoff Yield	21.81 Liters/Second/Square KM.			Momentary Peak Yield				586.15 Liters/Second/Square KM.					

WATER YEAR : 2007

NAN RIVER BASIN

Huai Om Sing at Ban Noen Phoem , Phitsanulok (N.66)

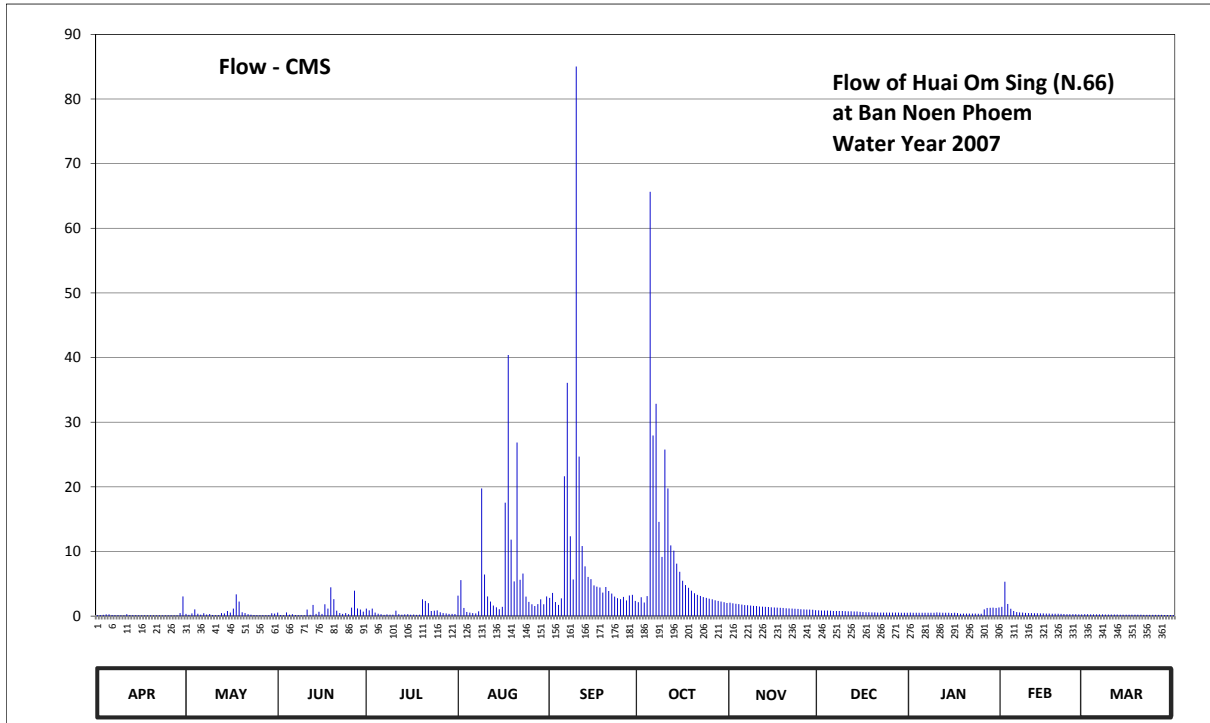
Lat 17 - 07 - 22 N Long 100 - 53 - 58 E

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 13 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	202.19	202.35	202.47	202.72	203.33	203.23	203.04	203.02	202.63	202.47	202.81	202.31	
2	202.21	202.23	202.22	202.63	203.85	203.44	203.26	202.99	202.62	202.46	203.80	202.31	
3	202.23	202.41	202.18	202.72	202.75	203.05	203.03	202.97	202.62	202.46	202.96	202.30	
4	202.30	202.68	202.48	202.47	202.52	202.91	203.31	202.95	202.62	202.46	202.71	202.30	
5	202.30	202.38	202.25	202.37	202.47	203.21	207.65	202.93	202.61	202.46	202.59	202.30	
6	202.21	202.25	202.31	202.32	202.43	205.46	205.88	202.90	202.60	202.46	202.51	202.29	
7	202.17	202.42	202.22	202.24	202.41	206.35	206.17	202.89	202.60	202.46	202.48	202.29	
8	202.16	202.28	202.20	202.30	202.57	204.71	204.91	202.88	202.59	202.46	202.47	202.28	
9	202.13	202.33	202.18	202.25	205.32	203.87	204.37	202.86	202.59	202.46	202.45	202.28	
10	202.13	202.22	202.15	202.26	204.02	208.36	205.74	202.85	202.58	202.48	202.43	202.28	
11	202.31	202.19	202.67	202.61	203.30	205.67	205.32	202.83	202.57	202.47	202.43	202.27	
12	202.22	202.20	202.24	202.32	203.07	204.56	204.57	202.82	202.57	202.46	202.42	202.27	
13	202.15	202.43	202.91	202.25	202.88	204.20	204.48	202.81	202.56	202.46	202.42	202.26	
14	202.15	202.41	202.36	202.30	202.79	203.95	204.25	202.80	202.56	202.46	202.41	202.26	
15	202.12	202.59	202.53	202.32	202.69	203.88	204.08	202.79	202.53	202.44	202.41	202.26	
16	202.12	202.47	202.36	202.26	202.81	203.68	203.83	202.78	202.51	202.46	202.39	202.26	
17	202.11	202.72	202.94	202.28	205.15	203.64	203.69	202.77	202.50	202.44	202.39	202.25	
18	202.11	203.39	202.72	202.24	206.57	203.61	203.60	202.76	202.49	202.37	202.38	202.25	
19	202.10	203.07	203.62	202.26	204.66	203.45	203.51	202.75	202.48	202.39	202.37	202.25	
20	202.10	202.50	203.18	203.17	203.81	203.63	203.43	202.74	202.48	202.40	202.37	202.25	
21	202.09	202.44	202.61	203.10	205.81	203.50	203.37	202.73	202.47	202.40	202.35	202.24	
22	202.08	202.31	202.43	203.00	203.86	203.42	203.32	202.72	202.47	202.40	202.34	202.24	
23	202.08	202.25	202.36	202.60	204.04	203.29	203.27	202.71	202.47	202.39	202.32	202.24	
24	202.08	202.22	202.43	202.61	203.29	203.22	203.23	202.70	202.47	202.38	202.32	202.23	
25	202.08	202.20	202.31	202.63	203.06	203.18	203.20	202.69	202.47	202.37	202.32	202.23	
26	202.11	202.19	202.77	202.50	202.94	203.28	203.17	202.68	202.47	202.68	202.31	202.23	
27	202.09	202.16	203.51	202.44	202.85	203.12	203.13	202.67	202.47	202.75	202.30	202.23	
28	202.13	202.15	202.73	202.41	202.95	203.34	203.10	202.67	202.47	202.76	202.30	202.22	
29	202.43	202.14	202.67	202.35	203.17	203.37	203.07	202.66	202.46	202.77	202.31	202.22	
30	203.30	202.42	202.54	202.35	202.94	203.10	203.04	202.64	202.46	202.75		202.22	
31		202.40		202.33	203.30		203.01		202.46	202.78		202.22	
Mean	202.20	202.40	202.55	202.47	203.47	203.92	203.97	202.80	202.53	202.50	202.49	202.26	
Max	203.30	203.39	203.62	203.17	206.57	208.36	207.65	203.02	202.63	202.78	203.80	202.31	208.36
Min	202.08	202.14	202.15	202.24	202.41	202.91	203.01	202.64	202.46	202.37	202.30	202.22	202.08
Annual Max Momentary Gage Height	208.42		m. (MSL.) ,				at 06.00 Hours ,	on Sep 10, 2007					
Zero Gage at Bottom Elevation	201.22		m. (MSL.) ,			River Bed	202.00	m. (MSL.)					
Left Bank Elevation		208.66		m. (MSL.) ,									
Right Bank Elevation		208.63		m. (MSL.) ,		Drainage Are	152	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.15	0.34	0.54	1.16	3.16	2.81	2.14	2.07	0.89	0.54	1.43	0.29	
2	0.16	0.19	0.18	0.89	5.58	3.59	2.91	1.97	0.86	0.52	5.33	0.29	
3	0.19	0.42	0.15	1.16	1.25	2.18	2.11	1.91	0.86	0.52	1.88	0.28	
4	0.28	1.04	0.56	0.54	0.64	1.73	3.09	1.85	0.86	0.52	1.13	0.28	
5	0.28	0.38	0.21	0.36	0.54	2.74	65.65	1.79	0.83	0.52	0.78	0.28	
6	0.16	0.21	0.29	0.30	0.46	21.64	27.94	1.70	0.80	0.52	0.62	0.26	
7	0.14	0.44	0.18	0.20	0.42	36.10	32.86	1.67	0.80	0.52	0.56	0.26	
8	0.14	0.25	0.15	0.28	0.74	12.36	14.57	1.64	0.78	0.52	0.54	0.25	
9	0.13	0.31	0.15	0.21	19.76	5.67	9.15	1.58	0.78	0.52	0.50	0.25	
10	0.13	0.18	0.14	0.23	6.44	85.04	25.77	1.55	0.76	0.56	0.46	0.25	
11	0.29	0.15	1.01	0.83	3.05	24.69	19.76	1.49	0.74	0.54	0.46	0.24	
12	0.18	0.15	0.20	0.30	2.25	10.84	10.93	1.46	0.74	0.52	0.44	0.24	
13	0.14	0.46	1.73	0.21	1.64	7.70	10.12	1.43	0.72	0.52	0.44	0.23	
14	0.14	0.42	0.35	0.28	1.37	6.06	8.13	1.40	0.72	0.52	0.42	0.23	
15	0.13	0.78	0.66	0.30	1.07	5.72	6.86	1.37	0.66	0.48	0.42	0.23	
16	0.13	0.54	0.35	0.23	1.43	4.75	5.48	1.34	0.62	0.52	0.39	0.23	
17	0.13	1.16	1.82	0.25	17.55	4.56	4.80	1.31	0.60	0.48	0.39	0.21	
18	0.13	3.37	1.16	0.20	40.40	4.42	4.37	1.28	0.58	0.36	0.38	0.21	
19	0.13	2.25	4.46	0.23	11.83	3.64	3.93	1.25	0.56	0.39	0.36	0.21	
20	0.13	0.60	2.63	2.60	5.38	4.51	3.55	1.22	0.56	0.40	0.36	0.21	
21	0.12	0.48	0.83	2.35	26.86	3.88	3.30	1.19	0.54	0.40	0.34	0.20	
22	0.12	0.29	0.46	2.00	5.62	3.50	3.12	1.16	0.54	0.40	0.33	0.20	
23	0.12	0.21	0.35	0.80	6.58	3.02	2.95	1.13	0.54	0.39	0.30	0.20	
24	0.12	0.18	0.46	0.83	3.02	2.77	2.81	1.10	0.54	0.38	0.30	0.19	
25	0.12	0.15	0.29	0.89	2.21	2.63	2.70	1.07	0.54	0.36	0.30	0.19	
26	0.13	0.15	1.31	0.60	1.82	2.98	2.60	1.04	0.54	1.04	0.29	0.19	
27	0.12	0.14	3.93	0.48	1.55	2.42	2.46	1.01	0.54	1.25	0.28	0.19	
28	0.13	0.14	1.19	0.42	1.85	3.19	2.35	1.01	0.54	1.28	0.28	0.18	
29	0.46	0.14	1.01	0.34	2.60	3.30	2.25	0.98	0.52	1.31	0.29	0.18	
30	3.05	0.44	0.68	0.34	1.82	2.35	2.14	0.92	0.52	1.25		0.18	
31		0.40		0.31	3.05		2.04		0.52	1.34		0.18	
Total	7.78	16.36	27.43	20.12	181.94	280.79	292.84	41.89	20.60	19.39	20.00	7.01	936.15 CMSDAY
Mean	0.26	0.53	0.91	0.65	5.87	9.36	9.45	1.40	0.66	0.63	0.69	0.23	2.56 CMS
Max	3.05	3.37	4.46	2.60	40.40	85.04	65.65	2.07	0.89	1.34	5.33	0.29	85.04 CMS
Min	0.12	0.14	0.14	0.20	0.42	1.73	2.04	0.92	0.52	0.36	0.28	0.18	0.12 CMS
Runoff	0.67	1.41	2.37	1.74	15.72	24.26	25.30	3.62	1.78	1.68	1.73	0.61	80.88 MCM
Momentary Peak	86.78 CMS. at 208.42 m. (MSL.) at 06.00 Hours , on Sep 10, 2007												
Runoff Yield	16.87 Liters/Second/Square KM.			Momentary Peak Yield			570.92 Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Koei Chai, Nakhon Sawan (N.67)

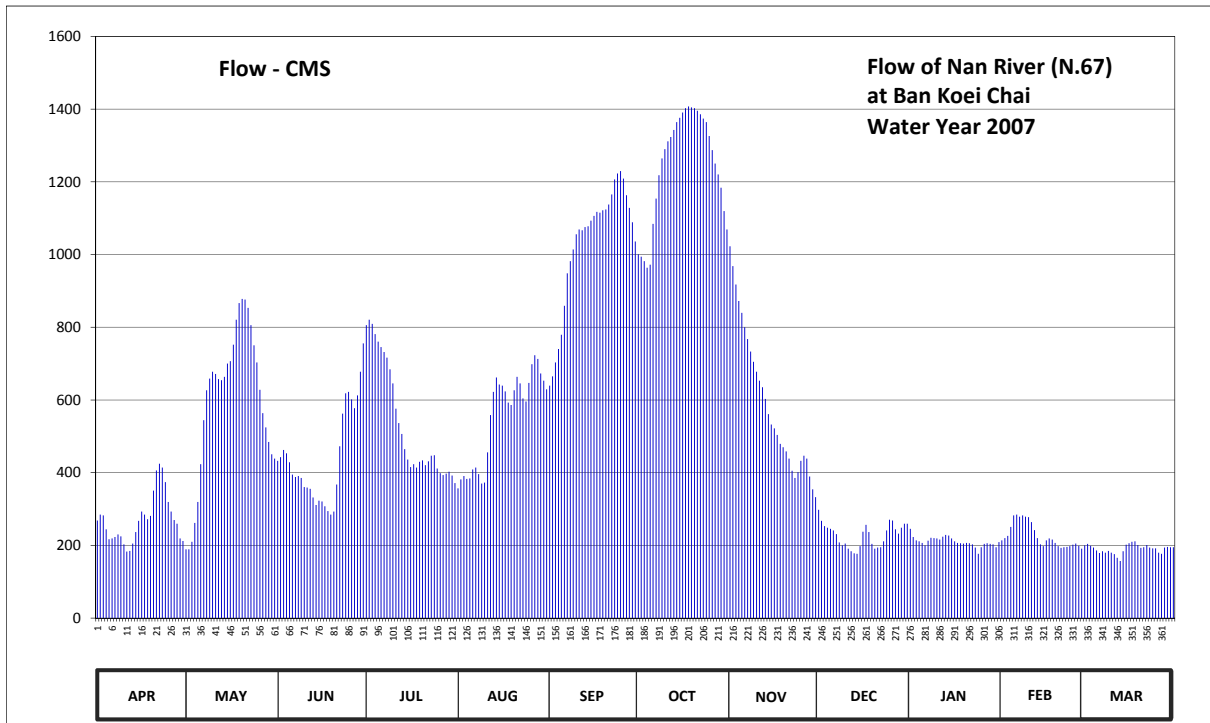
Lat 15 - 52 - 05 N Long 100 - 16 - 07 E

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 because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow effected by Mae Yom side flow. Stage-discharge relation defined by 36 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	20.95	20.19	22.28	24.83	21.69	23.83	25.84	25.94	21.20	20.74	20.44	20.30	
2	21.09	20.19	22.36	24.91	21.89	24.00	25.81	25.68	20.94	20.53	20.50	20.34	
3	21.07	20.40	22.51	24.85	21.96	24.24	25.75	25.42	20.81	20.44	20.56	20.29	
4	20.73	20.89	22.44	24.70	21.90	24.46	25.66	25.18	20.77	20.41	20.79	20.24	
5	20.47	21.38	22.25	24.58	21.91	24.69	25.70	25.01	20.74	20.37	21.07	20.16	
6	20.49	22.21	21.99	24.49	22.10	25.11	26.22	24.80	20.70	20.30	21.09	20.09	
7	20.53	23.14	21.94	24.41	22.14	25.58	26.53	24.62	20.61	20.43	21.04	20.14	
8	20.60	23.74	21.96	24.32	22.00	25.75	26.81	24.42	20.38	20.51	21.07	20.10	
9	20.55	23.96	21.92	24.12	21.80	25.90	27.01	24.25	20.30	20.50	21.04	20.15	
10	20.33	24.08	21.72	23.87	21.82	26.09	27.12	24.08	20.35	20.49	21.03	20.10	
11	20.13	24.04	21.71	23.38	22.46	26.15	27.21	23.92	20.21	20.46	20.91	20.06	
12	20.15	23.95	21.68	23.08	23.25	26.14	27.26	23.80	20.14	20.54	20.71	19.96	
13	20.35	23.93	21.48	22.85	23.71	26.18	27.34	23.57	20.08	20.59	20.50	19.87	
14	20.66	23.99	21.31	22.53	23.98	26.19	27.43	23.27	20.07	20.57	20.33	20.14	
15	20.94	24.22	21.41	22.31	23.85	26.26	27.48	23.05	20.28	20.49	20.28	20.32	
16	21.16	24.26	21.39	22.15	23.83	26.32	27.54	22.97	20.67	20.41	20.44	20.36	
17	21.09	24.53	21.28	22.21	23.72	26.37	27.59	22.83	20.84	20.37	20.49	20.40	
18	20.98	24.91	21.17	22.14	23.50	26.36	27.61	22.64	20.66	20.36	20.46	20.41	
19	21.06	25.15	21.09	22.26	23.45	26.39	27.60	22.57	20.34	20.35	20.37	20.31	
20	21.64	25.21	21.16	22.29	23.74	26.40	27.59	22.48	20.21	20.37	20.28	20.23	
21	22.08	25.20	21.78	22.19	23.99	26.46	27.56	22.33	20.24	20.36	20.23	20.25	
22	22.22	25.08	22.59	22.27	23.87	26.58	27.52	22.07	20.25	20.33	20.25	20.31	
23	22.14	24.83	23.28	22.39	23.58	26.76	27.47	21.92	20.41	20.24	20.26	20.24	
24	21.83	24.52	23.68	22.40	23.52	26.83	27.43	22.04	20.70	20.07	20.28	20.22	
25	21.38	24.24	23.71	22.12	23.88	26.86	27.27	22.28	20.97	20.25	20.32	20.22	
26	21.16	23.75	23.56	22.02	24.21	26.77	27.11	22.39	20.95	20.34	20.35	20.10	
27	20.96	23.29	23.39	21.98	24.36	26.57	26.95	22.33	20.73	20.36	20.29	20.07	
28	20.87	22.99	23.64	22.01	24.30	26.42	26.82	21.95	20.62	20.34	20.21	20.24	
29	20.49	22.68	24.08	22.05	24.05	26.24	26.66	21.67	20.77	20.33	20.27	20.26	
30	20.42	22.42	24.55	21.97	23.92	26.00	26.38	21.49	20.87	20.25	20.25	20.25	
31		22.33		21.81	23.76		26.15		20.87	20.39		20.25	
Mean	20.95	23.41	22.31	23.02	23.17	25.93	26.92	23.37	20.57	20.40	20.55	20.21	
Max	22.22	25.21	24.55	24.91	24.36	26.86	27.61	25.94	21.20	20.74	21.09	20.41	27.61
Min	20.13	20.19	21.09	21.81	21.69	23.83	25.66	21.49	20.07	20.07	20.21	19.87	19.87
Annual Max Momentary Gage Height	27.61		m. (MSL.) ,			at 07.00 Hours ,		on Oct 18, 2007					
Zero Gage at Bottom Elevation	13.12		m. (MSL.) ,			River Bed	12.55	m. (MSL.)					
Left Bank Elevation		28.98		m. (MSL.) ,									
Right Bank Elevation		27.45		m. (MSL.) ,		Drainage Are	57,384	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	268.50	189.00	432.40	805.70	356.80	639.50	1000.80	1022.80	298.00	245.40	214.00	200.00		
2	284.80	189.00	442.80	820.90	381.70	665.00	994.20	968.00	267.40	223.00	220.00	204.00		
3	282.40	210.00	462.30	809.50	390.80	703.40	982.00	917.80	253.10	214.00	226.00	199.00		
4	244.30	261.90	453.20	781.00	383.00	740.20	964.00	872.20	248.70	211.00	250.90	194.00		
5	217.00	319.60	428.50	760.60	384.30	779.30	972.00	839.90	245.40	207.00	282.40	186.00		
6	219.00	423.30	394.70	745.30	409.00	858.90	1084.40	800.00	241.00	200.00	284.80	179.00		
7	223.00	544.20	388.20	731.70	414.20	948.20	1153.90	767.40	231.10	213.00	278.80	184.00		
8	230.00	626.60	390.80	716.40	396.00	982.00	1218.30	733.40	208.00	221.00	282.40	180.00		
9	225.00	659.00	385.60	684.20	370.00	1014.00	1264.30	705.00	200.00	220.00	278.80	185.00		
10	203.00	677.80	360.40	645.50	372.60	1055.80	1289.80	677.80	205.00	219.00	277.60	180.00		
11	183.00	671.40	359.20	576.20	455.80	1069.00	1311.40	653.00	191.00	216.00	264.10	176.00		
12	185.00	657.50	355.60	536.40	558.50	1066.80	1323.40	635.00	184.00	224.00	242.10	166.00		
13	205.00	654.50	331.60	506.50	622.40	1075.60	1342.60	602.80	178.00	229.00	220.00	157.00		
14	236.60	663.50	311.20	464.90	662.00	1077.80	1364.20	561.10	177.00	227.00	203.00	184.00		
15	267.40	700.20	323.20	436.30	642.50	1093.20	1376.20	532.50	198.00	219.00	198.00	202.00		
16	293.20	706.60	320.80	415.50	639.50	1106.40	1390.60	522.10	237.70	211.00	214.00	206.00		
17	284.80	752.10	307.60	423.30	623.80	1117.40	1402.60	503.90	256.40	207.00	219.00	210.00		
18	271.80	820.90	294.40	414.20	593.00	1115.20	1407.50	479.20	236.60	206.00	216.00	211.00		
19	281.20	866.50	284.80	429.80	586.00	1121.80	1405.00	470.10	204.00	205.00	207.00	201.00		
20	350.80	877.90	293.20	433.70	626.60	1124.00	1402.60	458.40	191.00	207.00	198.00	193.00		
21	406.40	876.00	367.60	420.70	663.50	1137.80	1395.40	438.90	194.00	206.00	193.00	195.00		
22	424.60	853.20	472.70	431.10	645.50	1165.40	1385.80	405.10	195.00	203.00	195.00	201.00		
23	414.20	805.70	562.40	446.70	604.20	1206.80	1373.80	385.60	211.00	194.00	196.00	194.00		
24	373.90	750.40	618.20	448.00	595.80	1222.90	1364.20	401.20	241.00	177.00	198.00	192.00		
25	319.60	703.40	622.40	411.60	647.00	1229.80	1325.80	432.40	270.70	195.00	202.00	192.00		
26	293.20	628.00	601.40	398.60	698.60	1209.10	1287.40	446.70	268.50	204.00	205.00	180.00		
27	269.60	563.70	577.60	393.40	723.20	1163.10	1250.50	438.90	244.30	206.00	199.00	177.00		
28	259.70	524.70	612.60	397.30	713.00	1128.60	1220.60	389.50	232.20	204.00	191.00	194.00		
29	219.00	484.40	677.80	402.50	673.00	1088.80	1183.80	354.40	248.70	203.00	197.00	196.00		
30	212.00	450.60	755.50	392.10	653.00	1036.00	1119.60	332.80	259.70	195.00		195.00		
31		438.90		371.30	629.40		1069.00		259.70	209.00		195.00		
Total	8148.00	18550.50	13188.70	16650.90	17114.70	30941.80	38625.70	17747.90	7076.20	6520.40	6552.90	5908.00	187025.70	CMSDAY
Mean	271.60	598.40	439.62	537.13	552.09	1031.39	1245.99	591.60	228.26	210.34	225.96	190.58	511.00	CMS
Max	424.60	877.90	755.50	820.90	723.20	1229.80	1407.50	1022.80	298.00	245.40	284.80	211.00	1407.50	CMS
Min	183.00	189.00	284.80	371.30	356.80	639.50	964.00	332.80	177.00	177.00	191.00	157.00	157.00	CMS
Runoff	703.99	1602.76	1139.50	1438.64	1478.71	2673.37	3337.26	1533.42	611.38	563.36	566.17	510.45	16159.02	MCM
Momentary Peak		1407.50	CMS. at 27.61 m. (MSL.)											CMS at 07.00 Hours , on Oct 18, 2007
Runoff Yield		8.93	Liters/Second/Square KM.											Momentary Peak Yield 24.53 Liters/Second/Square KM.

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Ban Tha Takhian , Phitsanulok (N.68)

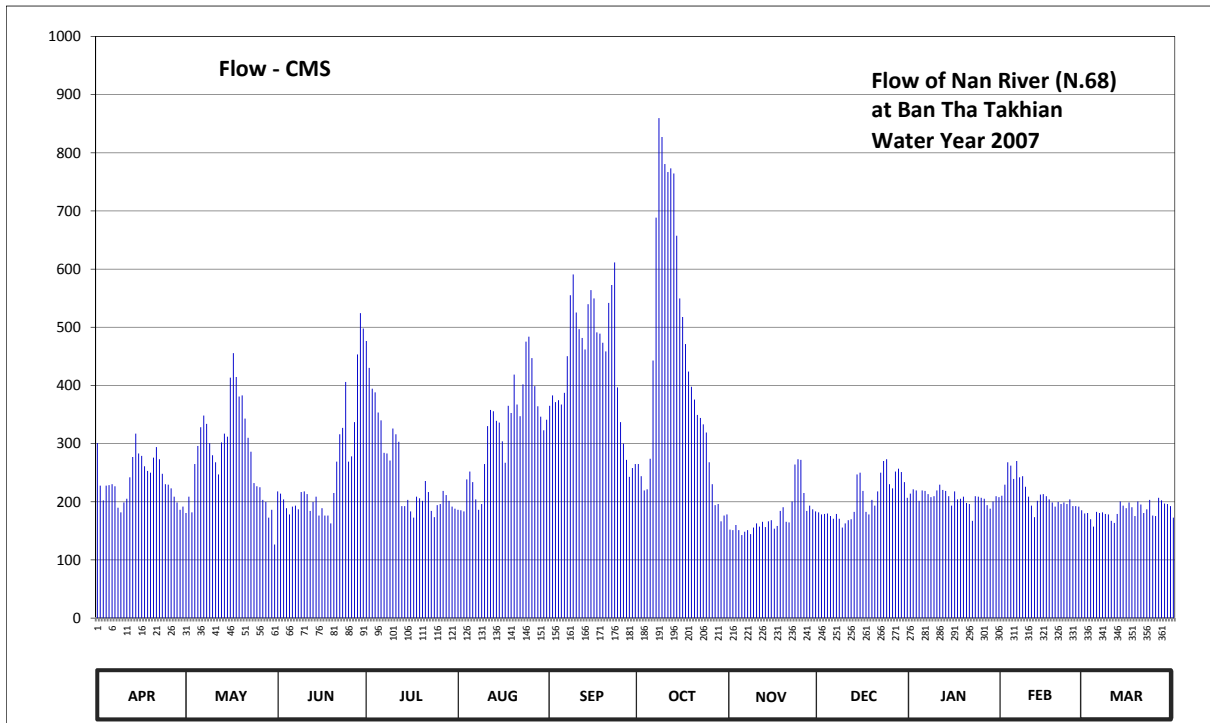
Lat 16 - 52 - 15 N Long 100 - 14 - 36 E

Location : on right bank at Ban Tha Takhian.

	Ban Tha Takhian	Amphoe Mueang	Changwat Phitsanulok
Drainage Area	25,018 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+35.000 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank near the gage site.	Elevation	+48.620 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	2004 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow effected by Mae Yom side flow. Stage-discharge relation defined by 18 discharge measurements made in 2007.		

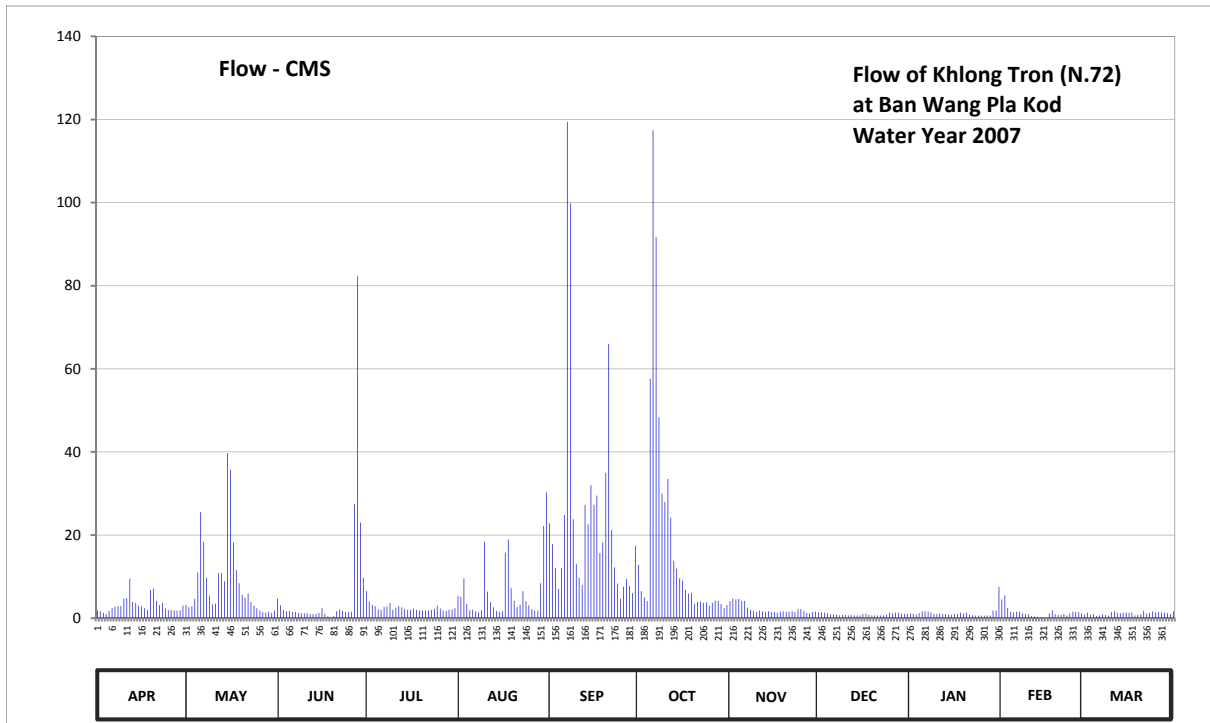
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	38.79	37.52	37.93	40.48	37.58	39.42	38.43	37.20	37.53	37.89	37.85	37.51	
2	38.04	37.83	37.89	40.04	37.57	39.59	38.22	37.19	37.49	37.97	38.06	37.52	
3	37.76	37.53	37.78	39.70	37.55	39.48	37.95	37.29	37.50	37.95	38.46	37.40	
4	38.04	38.43	37.61	39.64	38.16	39.51	37.97	37.19	37.51	37.75	38.40	37.26	
5	38.05	38.74	37.49	39.31	38.30	39.44	38.52	37.09	37.46	37.95	38.17	37.54	
6	38.07	39.06	37.64	39.18	38.11	39.63	40.16	37.16	37.41	37.94	38.48	37.52	
7	38.03	39.26	37.66	38.62	37.78	40.23	42.37	37.19	37.50	37.88	38.20	37.53	
8	37.62	39.12	37.59	38.61	37.58	41.20	43.78	37.11	37.41	37.82	38.22	37.50	
9	37.53	38.79	37.92	38.49	37.69	41.52	43.52	37.24	37.24	37.84	38.02	37.49	
10	37.72	38.58	37.93	39.04	38.43	40.93	43.15	37.32	37.32	37.95	37.83	37.37	
11	37.79	38.46	37.88	38.94	39.08	40.67	43.04	37.26	37.38	38.06	37.66	37.33	
12	38.20	38.25	37.56	38.81	39.35	40.53	43.09	37.35	37.40	37.96	37.44	37.50	
13	38.55	38.80	37.73	37.65	39.33	40.34	43.02	37.25	37.54	37.94	37.75	37.74	
14	38.95	38.95	37.83	37.65	39.17	41.06	42.10	37.36	38.25	37.84	37.87	37.66	
15	38.61	38.90	37.47	37.77	39.14	41.28	41.15	37.38	38.28	37.66	37.88	37.61	
16	38.57	39.88	37.61	37.55	38.82	41.15	40.86	37.22	37.94	37.93	37.84	37.72	
17	38.39	40.28	37.47	37.43	38.45	40.62	40.43	37.27	37.54	37.78	37.78	37.63	
18	38.31	39.89	37.47	37.83	39.42	40.60	39.98	37.56	37.49	37.79	37.72	37.46	
19	38.28	39.57	37.32	37.80	39.30	40.45	39.73	37.63	37.77	37.83	37.64	37.74	
20	38.54	39.59	37.90	37.75	39.93	40.31	39.52	37.35	37.66	37.71	37.73	37.68	
21	38.72	39.21	38.47	38.13	39.44	41.08	39.27	37.34	37.93	37.69	37.69	37.52	
22	38.51	38.88	38.94	37.92	39.25	41.36	39.22	37.74	38.28	37.37	37.72	37.59	
23	38.26	38.64	39.05	37.56	39.77	41.70	39.11	38.42	38.48	37.84	37.69	37.77	
24	38.07	38.09	39.81	37.44	40.47	39.72	38.97	38.51	38.51	37.83	37.78	37.47	
25	38.06	38.03	38.47	37.67	40.55	39.15	38.46	38.50	38.07	37.81	37.65	37.46	
26	37.99	38.01	38.56	37.69	40.20	38.78	38.07	37.90	37.99	37.79	37.65	37.81	
27	37.83	37.77	39.15	37.94	39.74	38.50	37.67	37.56	38.30	37.67	37.64	37.76	
28	37.72	37.73	40.26	37.86	39.41	38.21	37.69	37.66	38.35	37.60	37.57	37.70	
29	37.58	37.43	40.92	37.75	39.24	38.36	37.36	37.59	38.29	37.74	37.54	37.69	
30	37.64	37.58	40.68	37.64	39.01	38.43	37.47	37.55	38.11	37.84		37.65	
31		36.90		37.60	39.19		37.49		37.81	37.82		37.43	
Mean	38.14	38.57	38.27	38.31	38.94	40.11	39.93	37.48	37.80	37.82	37.86	37.57	
Max	38.95	40.28	40.92	40.48	40.55	41.70	43.78	38.51	38.51	38.06	38.48	37.81	43.78
Min	37.53	36.90	37.32	37.43	37.55	38.21	37.36	37.09	37.24	37.37	37.44	37.26	36.90
Annual Max Momentary Gage Height	43.83		m. (MSL.) ,				at 18.00 Hours , on Oct 8 , 2007						
Zero Gage at Bottom Elevation	35.00		m. (MSL.) ,			River Bed	32.00	m. (MSL.)					
Left Bank Elevation		48.63		m. (MSL.) ,									
Right Bank Elevation		48.63		m. (MSL.) ,		Drainage Are	25,018	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual		
1	301.00	180.80	217.70	476.40	186.20	365.10	265.00	152.00	181.70	214.10	210.50	179.90			
2	227.60	208.70	214.10	430.20	185.30	382.95	244.00	151.15	178.10	221.30	229.40	180.80			
3	202.40	181.70	204.20	394.50	183.50	371.40	219.50	160.10	179.00	219.50	268.00	170.00			
4	227.60	265.00	188.90	388.20	238.40	374.55	221.30	151.15	179.90	201.50	262.00	157.40			
5	228.50	296.00	178.10	353.55	252.00	367.20	274.00	142.65	175.40	219.50	239.30	182.60			
6	230.30	328.00	191.60	340.00	233.90	387.15	442.80	148.60	170.90	218.60	270.00	180.80			
7	226.70	348.30	193.40	284.00	204.20	450.15	688.55	151.15	179.00	213.20	242.00	181.70			
8	189.80	334.00	187.10	283.00	186.20	555.00	859.50	144.35	170.90	207.80	244.00	179.00			
9	181.70	301.00	216.80	271.00	196.10	590.80	827.00	155.60	155.60	209.60	225.80	178.10			
10	198.80	280.00	217.70	326.00	265.00	525.30	780.75	162.80	162.80	219.50	208.70	167.30			
11	205.10	268.00	213.20	316.00	330.00	496.70	767.00	157.40	168.20	229.40	193.40	163.70			
12	242.00	247.00	184.40	303.00	357.75	481.65	773.25	165.50	170.00	220.40	173.60	179.00			
13	277.00	302.00	199.70	192.50	355.65	461.70	764.50	156.50	182.60	218.60	201.50	200.60			
14	317.00	317.00	208.70	192.50	339.00	539.60	657.50	166.40	247.00	209.60	212.30	193.40			
15	283.00	312.00	176.30	203.30	336.00	563.80	549.50	168.20	250.00	193.40	213.20	188.90			
16	279.00	413.40	188.90	183.50	304.00	549.50	517.60	153.80	218.60	217.70	209.60	198.80			
17	261.00	455.40	176.30	172.70	267.00	491.20	471.15	158.30	182.60	204.20	204.20	190.70			
18	253.00	414.45	176.30	208.70	365.10	489.00	423.90	184.40	178.10	205.10	198.80	175.40			
19	250.00	380.85	162.80	206.00	352.50	473.25	397.65	190.70	203.30	208.70	191.60	200.60			
20	276.00	382.95	215.00	201.50	418.65	458.55	375.60	165.50	193.40	197.90	199.70	195.20			
21	294.00	343.05	269.00	235.70	367.20	541.80	349.35	164.60	217.70	196.10	196.10	180.80			
22	273.00	310.00	316.00	216.80	347.25	572.60	344.10	200.60	250.00	167.30	198.80	187.10			
23	248.00	286.00	327.00	184.40	401.85	611.50	333.00	264.00	270.00	209.60	196.10	203.30			
24	230.30	232.10	406.05	173.60	475.35	396.60	319.00	273.00	273.00	208.70	204.20	176.30			
25	229.40	226.70	269.00	194.30	483.75	337.00	268.00	272.00	230.30	206.90	192.50	175.40			
26	223.10	224.90	278.00	196.10	447.00	300.00	230.30	215.00	223.10	205.10	192.50	206.90			
27	208.70	203.30	337.00	218.60	398.70	272.00	194.30	184.40	252.00	194.30	191.60	202.40			
28	198.80	199.70	453.30	211.40	364.05	243.00	196.10	193.40	257.00	188.00	185.30	197.00			
29	186.20	172.70	524.20	201.50	346.20	258.00	166.40	187.10	251.00	200.60	182.60	196.10			
30	191.60	186.20	497.80	191.60	323.00	265.00	176.30	183.50	233.90	209.60		192.50			
31		126.50		188.00	341.00		178.10		206.90	207.80		172.70			
Total	7140.60	8727.70	7588.55	7938.55	9851.80	13172.05	13275.00	5323.85	6392.00	6443.60	6137.30	5734.40	97725.40	CMSDAY	
Mean	238.02	281.54	252.95	256.08	317.80	439.07	428.23	177.46	206.19	207.86	211.63	184.98	267.01	CMS	
Max	317.00	455.40	524.20	476.40	483.75	611.50	859.50	273.00	273.00	229.40	270.00	206.90	859.50	CMS	
Min	181.70	126.50	162.80	172.70	183.50	243.00	166.40	142.65	155.60	167.30	173.60	157.40	126.50	CMS	
Runoff	616.95	754.07	655.65	685.89	851.20	1138.07	1146.96	459.98	552.27	556.73	530.26	495.45	8443.47	MCM	
Momentary Peak		865.75	CMS.	at 43.83 m. (MSL.)										at 18.00 Hours , on Oct 8 , 2007	
Runoff Yield		10.70		Liters/Second/Square KM.			Momentary Peak Yield							34.61	Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.85	3.20	4.70	6.50	5.30	22.80	12.80	4.10	1.40	1.10	4.50	0.85	
2	1.65	2.60	3.10	4.00	5.10	17.80	6.50	4.70	1.40	1.05	5.50	1.30	
3	1.30	2.90	1.95	3.20	9.60	12.10	5.00	4.50	1.25	0.90	2.40	0.80	
4	1.00	4.60	1.65	2.90	3.40	7.00	4.10	4.60	1.15	1.20	1.50	0.95	
5	1.75	11.00	1.70	2.10	1.90	12.00	57.60	4.20	0.90	1.70	1.40	0.55	
6	2.40	25.50	1.50	1.95	2.00	24.80	117.40	4.10	0.85	1.70	1.55	0.65	
7	2.80	18.40	1.50	2.70	1.65	119.40	91.75	2.50	0.85	1.60	1.50	0.95	
8	2.90	9.70	1.30	2.80	1.40	99.80	48.30	2.00	0.70	1.40	1.15	0.75	
9	2.90	5.40	1.20	3.60	1.90	23.80	30.00	1.70	0.80	1.00	0.95	0.60	
10	4.70	3.30	1.15	2.00	18.40	13.00	28.00	1.45	0.75	0.95	0.95	1.50	
11	4.80	3.50	1.20	2.50	6.40	9.70	33.50	1.80	0.70	1.15	0.50	1.65	
12	9.50	10.80	1.00	2.90	3.80	8.00	24.20	1.65	0.70	1.00	0.40	1.35	
13	3.90	10.90	1.00	2.60	2.60	27.25	13.80	1.50	0.65	0.95	0.30	1.15	
14	3.60	8.90	1.00	2.20	1.75	22.60	11.90	1.65	0.65	0.85	0.15	1.30	
15	3.00	39.75	1.25	2.00	1.45	32.00	9.60	1.45	0.65	0.80	0.00	1.40	
16	2.80	35.75	2.40	2.00	1.60	27.25	9.00	1.50	0.95	1.00	0.00	1.30	
17	2.40	18.20	1.00	2.30	15.80	29.50	6.80	1.30	1.10	1.00	1.10	1.30	
18	1.95	11.60	0.50	2.00	19.00	15.65	5.90	1.55	0.75	1.30	1.90	0.70	
19	6.80	8.40	0.15	1.90	7.20	18.20	6.10	1.60	0.65	1.10	0.95	0.75	
20	7.10	5.60	0.50	1.90	4.20	35.00	3.40	1.55	0.65	1.35	0.75	0.85	
21	4.10	4.90	1.70	1.90	2.70	66.00	3.90	1.55	0.65	0.90	0.75	1.75	
22	3.10	5.90	2.10	1.85	3.20	21.20	4.00	1.65	0.65	0.70	0.95	1.10	
23	3.70	3.90	1.75	1.95	6.50	12.20	3.70	1.45	0.65	0.60	0.65	1.25	
24	2.30	3.00	1.50	2.20	4.10	8.30	3.80	2.10	0.85	0.60	1.10	1.60	
25	1.90	2.40	1.45	3.00	3.10	4.60	3.00	2.20	1.30	0.60	1.55	1.40	
26	1.95	1.80	1.55	2.30	2.20	7.60	3.70	1.75	1.20	0.60	1.55	1.45	
27	1.85	1.45	27.50	1.85	1.80	9.40	4.20	1.25	1.35	0.60	1.45	1.35	
28	1.80	1.30	82.30	1.75	1.85	7.70	4.10	1.15	1.25	0.60	1.10	1.35	
29	1.90	1.50	23.00	1.95	8.40	6.00	3.40	1.45	1.10	1.85	1.10	1.20	
30	3.00	1.25	9.70	2.10	22.20	17.40	2.40	1.55	1.00	1.80		1.00	
31		1.80		2.40	30.25		3.10		1.05	7.50		1.60	
Total	94.70	269.20	182.30	77.30	200.75	738.05	564.95	65.50	28.55	39.45	37.65	35.70	2334.10 CMSDAY
Mean	3.16	8.68	6.08	2.49	6.48	24.60	18.22	2.18	0.92	1.27	1.30	1.15	6.38 CMS
Max	9.50	39.75	82.30	6.50	30.25	119.40	117.40	4.70	1.40	7.50	5.50	1.75	119.40 CMS
Min	1.00	1.25	0.15	1.75	1.40	4.60	2.40	1.15	0.65	0.60	0.00	0.55	0.00 CMS
Runoff	8.18	23.26	15.75	6.68	17.34	63.77	48.81	5.66	2.47	3.41	3.25	3.08	201.67 MCM
Momentary Peak	128.20 CMS. at 5.63 m. (A.D.) at 18.00 Hours , on Sep 7 , 2007												
Runoff Yield	28.42 Liters/Second/Square KM. Momentary Peak Yield 569.78 Liters/Second/Square KM.												

WATER YEAR : 2007

NAN RIVER BASIN

Khek River at Ban Tan Tawan , Phetchabun (N.73)

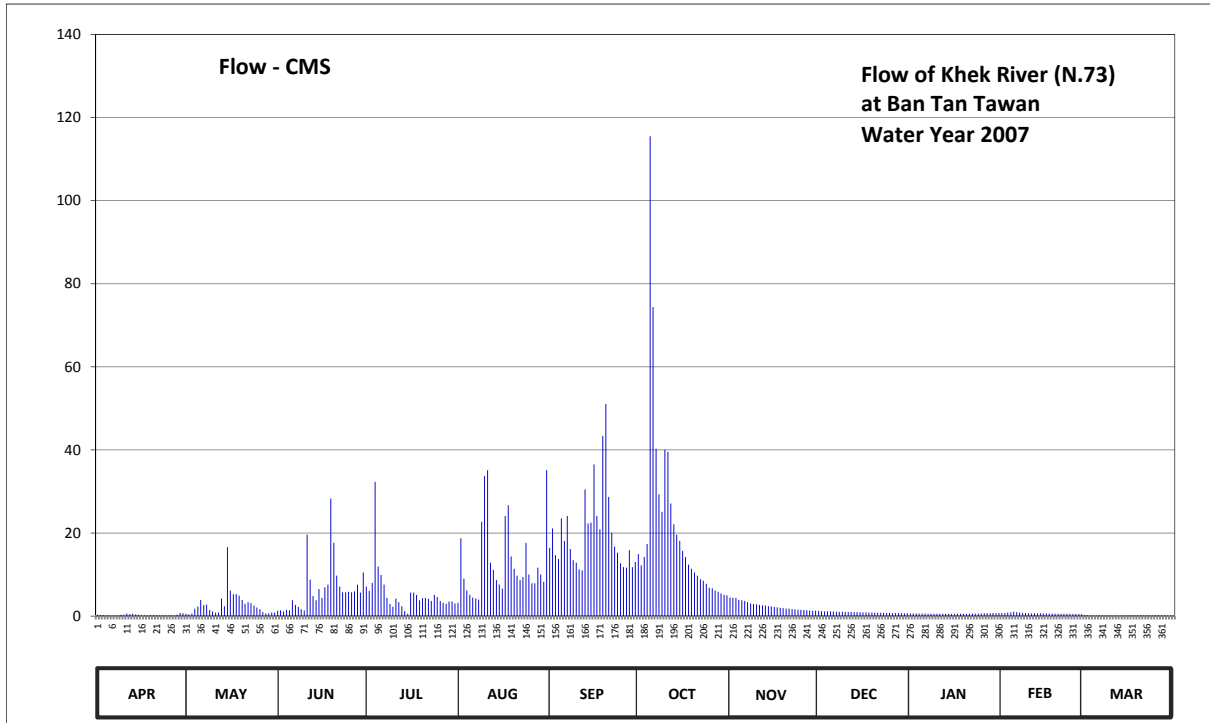
Lat 16 - 33 - 24 N Long 100 - 53 - 44 E

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 20 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	685.65	685.71	685.90	686.63	686.21	687.33	687.23	686.37	685.89	685.75	685.78	685.62	
2	685.64	685.68	685.92	686.53	687.48	687.63	687.05	686.36	685.88	685.75	685.79	685.61	
3	685.62	685.74	685.86	686.71	686.80	687.21	687.18	686.36	685.87	685.75	685.82	685.57	
4	685.60	685.99	685.94	688.19	686.54	687.15	687.39	686.30	685.87	685.74	685.82	685.54	
5	685.58	686.08	685.92	687.03	686.44	687.75	691.04	686.29	685.86	685.74	685.85	685.54	
6	685.56	686.30	686.29	686.87	686.37	687.44	689.83	686.27	685.86	685.74	685.83	685.55	
7	685.56	686.13	686.14	686.67	686.34	687.78	688.56	686.23	685.85	685.73	685.81	685.55	
8	685.59	686.15	686.06	686.36	686.31	687.31	688.04	686.19	685.85	685.73	685.79	685.56	
9	685.63	685.93	685.97	686.17	687.71	687.13	687.83	686.17	685.85	685.73	685.77	685.56	
10	685.65	685.87	685.91	686.07	688.26	687.09	688.55	686.16	685.84	685.73	685.76	685.57	
11	685.74	685.81	687.54	686.34	688.33	686.98	688.53	686.14	685.84	685.73	685.75	685.57	
12	685.70	685.82	686.78	686.23	687.09	686.96	687.93	686.12	685.84	685.72	685.76	685.57	
13	685.72	686.34	686.41	686.09	686.97	688.10	687.68	686.11	685.83	685.72	685.76	685.57	
14	685.68	686.09	686.29	685.88	686.77	687.69	687.54	686.09	685.83	685.72	685.76	685.57	
15	685.64	687.34	686.57	685.73	686.67	687.70	687.44	686.08	685.83	685.71	685.75	685.57	
16	685.60	686.54	686.36	686.49	686.58	688.40	687.28	686.06	685.82	685.71	685.75	685.58	
17	685.58	686.45	686.61	686.49	687.78	687.78	687.18	686.05	685.82	685.72	685.74	685.58	
18	685.56	686.46	686.67	686.44	687.91	687.62	687.06	686.03	685.81	685.72	685.74	685.58	
19	685.59	686.42	687.99	686.29	687.19	688.69	686.99	686.02	685.81	685.73	685.73	685.58	
20	685.59	686.30	687.41	686.35	686.99	689.01	686.92	686.00	685.81	685.73	685.73	685.58	
21	685.58	686.18	686.86	686.36	686.86	688.01	686.86	686.00	685.80	685.73	685.73	685.58	
22	685.59	686.23	686.63	686.33	686.77	687.57	686.79	685.98	685.80	685.74	685.73	685.58	
23	685.59	686.20	686.50	686.27	686.83	687.35	686.76	685.96	685.79	685.74	685.72	685.57	
24	685.60	686.11	686.50	686.44	687.41	687.25	686.69	685.95	685.79	685.74	685.72	685.57	
25	685.59	686.04	686.51	686.39	686.88	687.08	686.60	685.94	685.79	685.75	685.71	685.58	
26	685.58	685.97	686.50	686.27	686.70	687.02	686.59	685.93	685.78	685.76	685.71	685.58	
27	685.56	685.83	686.52	686.21	686.70	687.01	686.54	685.92	685.78	685.76	685.70	685.57	
28	685.65	685.75	686.67	686.18	687.01	687.29	686.51	685.91	685.77	685.76	685.69	685.57	
29	685.78	685.75	686.49	686.25	686.88	687.02	686.47	685.90	685.77	685.78	685.69	685.57	
30	685.76	685.82	686.92	686.25	686.73	687.10	686.44	685.90	685.76	685.78	685.78	685.57	
31		685.81		686.19	688.33		686.43		685.76	685.78		685.57	
Mean	685.63	686.09	686.49	686.41	687.03	687.52	687.42	686.09	685.82	685.74	685.75	685.57	
Max	685.78	687.34	687.99	688.19	688.33	689.01	691.04	686.37	685.89	685.78	685.85	685.62	691.04
Min	685.56	685.68	685.86	685.73	686.21	686.96	686.43	685.90	685.76	685.71	685.69	685.54	685.54
Annual Max Momentary Gage Height	691.39		m. (MSL.) ,			at 06.00 Hours ,	on Oct 5, 2007						
Zero Gage at Bottom Elevation	684.53		m. (MSL.) ,			River Bed	685.06	m. (MSL.)					
Left Bank Elevation		693.04		m. (MSL.) ,									
Right Bank Elevation		693.00		m. (MSL.) ,		Drainage Are	213	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.35	0.53	1.30	7.13	3.18	16.45	14.95	4.46	1.25	0.65	0.74	0.26	
2	0.32	0.44	1.40	6.07	18.70	21.10	12.25	4.38	1.20	0.65	0.77	0.23	
3	0.26	0.62	1.10	8.01	9.00	14.65	14.20	4.38	1.15	0.65	0.90	0.17	
4	0.20	1.75	1.50	32.30	6.17	13.75	17.35	3.90	1.15	0.62	0.90	0.14	
5	0.18	2.32	1.40	11.95	5.12	23.50	115.50	3.82	1.10	0.62	1.05	0.14	
6	0.16	3.90	3.82	9.88	4.46	18.10	74.40	3.66	1.10	0.62	0.95	0.15	
7	0.16	2.65	2.71	7.57	4.22	24.10	40.26	3.34	1.05	0.59	0.85	0.15	
8	0.19	2.78	2.19	4.38	3.98	16.15	29.30	3.04	1.05	0.59	0.77	0.16	
9	0.29	1.45	1.65	2.91	22.70	13.45	25.10	2.91	1.05	0.59	0.71	0.16	
10	0.35	1.15	1.35	2.26	33.70	12.85	40.03	2.84	1.00	0.59	0.68	0.17	
11	0.62	0.85	19.60	4.22	35.10	11.25	39.56	2.71	1.00	0.59	0.65	0.17	
12	0.50	0.90	8.78	3.34	12.85	11.00	27.10	2.58	1.00	0.56	0.68	0.17	
13	0.56	4.22	4.81	2.39	11.13	30.50	22.10	2.52	0.95	0.56	0.68	0.17	
14	0.44	2.39	3.82	1.20	8.67	22.30	19.60	2.39	0.95	0.56	0.68	0.17	
15	0.32	16.60	6.49	0.59	7.57	22.50	18.10	2.32	0.95	0.53	0.65	0.17	
16	0.20	6.17	4.38	5.65	6.59	36.50	15.70	2.19	0.90	0.53	0.65	0.18	
17	0.18	5.23	6.91	5.65	24.10	24.10	14.20	2.13	0.90	0.56	0.62	0.18	
18	0.16	5.33	7.57	5.12	26.70	20.90	12.40	2.00	0.85	0.56	0.62	0.18	
19	0.19	4.91	28.30	3.82	14.35	43.36	11.38	1.93	0.85	0.59	0.59	0.18	
20	0.19	3.90	17.65	4.30	11.38	51.06	10.50	1.80	0.85	0.59	0.59	0.18	
21	0.18	2.97	9.75	4.38	9.75	28.70	9.75	1.80	0.80	0.59	0.59	0.18	
22	0.19	3.34	7.13	4.14	8.67	20.05	8.89	1.70	0.80	0.62	0.59	0.18	
23	0.19	3.10	5.75	3.66	9.38	16.75	8.56	1.60	0.77	0.62	0.56	0.17	
24	0.20	2.52	5.75	5.12	17.65	15.25	7.79	1.55	0.77	0.62	0.56	0.17	
25	0.19	2.06	5.86	4.62	10.00	12.70	6.80	1.50	0.77	0.65	0.53	0.18	
26	0.18	1.65	5.75	3.66	7.90	11.80	6.70	1.45	0.74	0.68	0.53	0.18	
27	0.16	0.95	5.96	3.18	7.90	11.65	6.17	1.40	0.74	0.68	0.50	0.17	
28	0.35	0.65	7.57	2.97	11.65	15.85	5.86	1.35	0.71	0.68	0.47	0.17	
29	0.74	0.65	5.65	3.50	10.00	11.80	5.44	1.30	0.71	0.74	0.47	0.17	
30	0.68	0.90	10.50	3.50	8.23	13.00	5.12	1.30	0.68	0.74		0.17	
31		0.85		3.04	35.10		5.02		0.68	0.74		0.17	
Total	8.88	87.73	196.40	170.51	405.90	605.12	650.08	74.25	28.47	19.16	19.53	5.39	2271.42 CMSDAY
Mean	0.30	2.83	6.55	5.50	13.09	20.17	20.97	2.48	0.92	0.62	0.67	0.17	6.21 CMS
Max	0.74	16.60	28.30	32.30	35.10	51.06	115.50	4.46	1.25	0.74	1.05	0.26	115.50 CMS
Min	0.16	0.44	1.10	0.59	3.18	11.00	5.02	1.30	0.68	0.53	0.47	0.14	0.14 CMS
Runoff	0.77	7.58	16.97	14.73	35.07	52.28	56.17	6.42	2.46	1.66	1.69	0.47	196.25 MCM
Momentary Peak	128.62 CMS. at 691.39 m. (MSL.) at 06.00 Hours , on Oct 5, 2007												
Runoff Yield	29.22	Liters/Second/Square KM.		Momentary Peak Yield		603.85	Liters/Second/Square KM.						

WATER YEAR : 2007

NAN RIVER BASIN

Nan River at Bang Krathum , Phitsanulok (N.74)

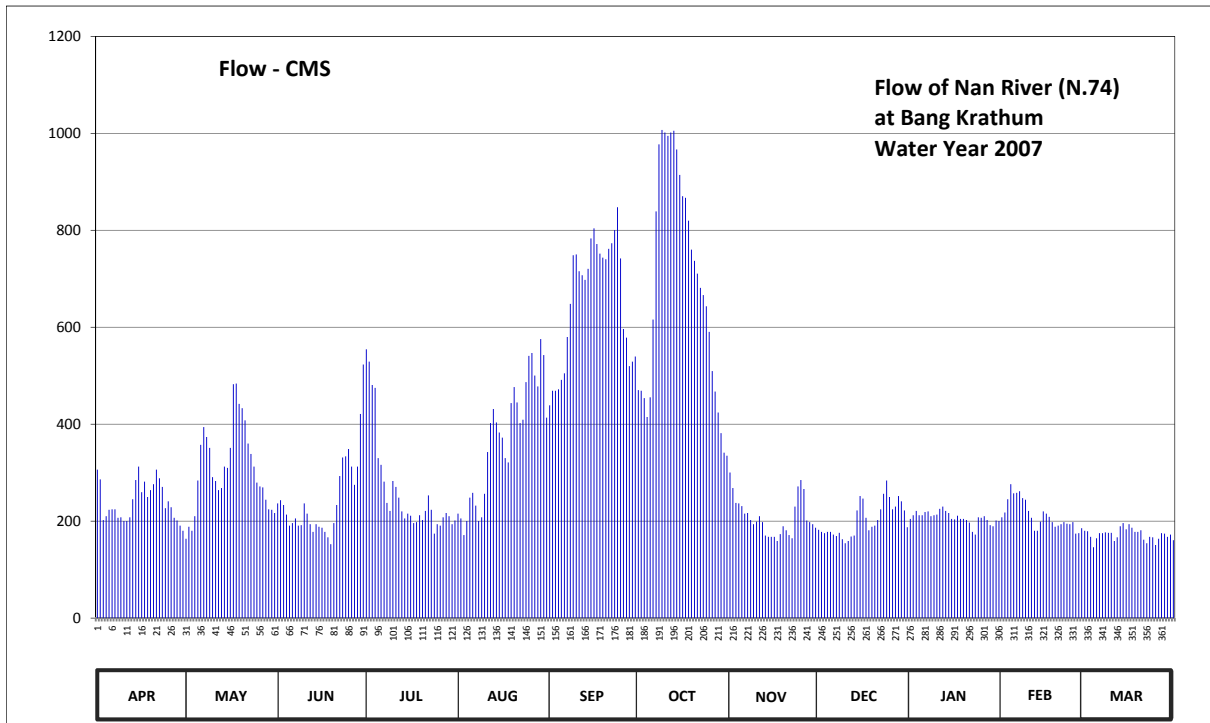
Lat 16 - 34 - 38 N Long 100 - 14 - 33 E

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 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	33.17	31.86	32.55	34.93	32.36	34.16	34.37	33.12	32.05	32.26	32.29	32.03	
2	33.00	32.11	32.61	34.76	32.27	34.36	34.36	32.84	32.01	32.33	32.38	32.02	
3	32.24	32.03	32.52	34.44	31.94	34.36	34.26	32.56	31.98	32.41	32.63	31.90	
4	32.31	32.31	32.34	34.40	32.22	34.38	34.00	32.55	32.01	32.33	32.91	31.67	
5	32.43	32.98	32.13	33.36	32.66	34.51	34.27	32.50	32.01	32.33	32.74	31.87	
6	32.44	33.58	32.18	33.25	32.75	34.60	35.34	32.36	31.95	32.39	32.75	31.98	
7	32.44	33.85	32.27	32.96	32.51	35.10	36.68	32.37	31.92	32.40	32.78	31.98	
8	32.28	33.70	32.13	32.56	32.22	35.54	37.47	32.24	31.99	32.31	32.65	32.00	
9	32.29	33.53	32.14	32.41	32.29	36.15	37.64	32.16	31.85	32.33	32.62	31.99	
10	32.22	33.04	32.55	32.97	32.73	36.16	37.61	32.21	31.76	32.34	32.41	31.99	
11	32.22	32.97	32.36	32.86	33.46	35.95	37.57	32.31	31.81	32.45	32.28	31.81	
12	32.29	32.80	32.16	32.66	33.91	35.90	37.61	32.20	31.91	32.49	32.03	31.89	
13	32.63	32.84	32.01	32.40	34.11	35.84	37.63	31.93	31.93	32.41	32.03	32.12	
14	32.99	33.22	32.16	32.27	33.92	35.98	37.41	31.90	32.42	32.37	32.21	32.18	
15	33.22	33.20	32.11	32.36	33.77	36.36	37.11	31.90	32.69	32.26	32.40	32.06	
16	32.76	33.53	32.09	32.32	33.69	36.48	36.86	31.90	32.64	32.25	32.36	32.16	
17	32.96	34.45	32.01	32.18	33.36	36.29	36.84	31.81	32.28	32.32	32.30	32.09	
18	32.67	34.46	31.89	32.20	33.29	36.17	36.57	31.96	32.04	32.26	32.20	32.01	
19	32.80	34.18	31.74	32.33	34.19	36.12	36.22	32.12	32.11	32.26	32.11	32.01	
20	32.91	34.12	32.18	32.24	34.41	36.10	36.08	32.04	32.13	32.24	32.13	32.04	
21	33.17	33.95	32.52	32.41	34.20	36.23	35.92	31.94	32.24	32.19	32.16	31.84	
22	33.02	33.60	33.06	32.70	33.91	36.30	35.74	31.87	32.44	32.01	32.20	31.76	
23	32.86	33.43	33.37	32.43	33.96	36.46	35.65	32.49	32.73	31.95	32.17	31.90	
24	32.46	33.22	33.39	31.97	34.48	36.73	35.51	32.87	32.98	32.29	32.16	31.89	
25	32.59	32.94	33.51	32.16	34.84	36.11	35.17	32.99	32.67	32.28	32.20	31.72	
26	32.48	32.87	33.22	32.13	34.88	35.21	34.63	32.82	32.44	32.31	31.97	31.86	
27	32.28	32.85	32.90	32.29	34.57	35.09	34.35	32.23	32.49	32.24	31.98	31.98	
28	32.23	32.62	33.22	32.37	34.42	34.70	34.06	32.20	32.69	32.14	32.08	31.97	
29	32.13	32.44	34.04	32.31	35.07	34.76	33.76	32.16	32.59	32.12	32.06	31.90	
30	32.03	32.43	34.72	32.16	34.85	34.83	33.45	32.09	32.42	32.23	32.03	31.95	
31		32.37		32.23	33.99		33.40		32.10	32.22		31.83	
Mean	32.58	33.14	32.60	32.74	33.59	35.56	35.73	32.29	32.23	32.28	32.32	31.95	
Max	33.22	34.46	34.72	34.93	35.07	36.73	37.64	33.12	32.98	32.49	32.91	32.18	37.64
Min	32.03	31.86	31.74	31.97	31.94	34.16	33.40	31.81	31.76	31.95	31.97	31.67	31.67
Annual Max Momentary Gage Height	37.67		m. (MSL.) ,					at 09.00 Hours ,					on Oct 13, 2007
Zero Gage at Bottom Elevation	29.36		m. (MSL.) ,				River Bed 28.54	m. (MSL.)					
Left Bank Elevation	44.45		m. (MSL.) ,										
Right Bank Elevation	44.53		m. (MSL.) ,			Drainage Are	25,489	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	306.40	163.70	236.50	554.50	215.60	439.00	470.50	300.40	182.25	204.60	207.90	180.15		
2	286.00	188.55	243.10	529.00	205.70	469.00	469.00	268.40	178.05	212.30	217.80	179.10		
3	202.40	180.15	233.20	481.00	171.30	469.00	454.00	237.60	175.10	221.10	245.30	167.50		
4	210.10	210.10	213.40	475.00	200.20	472.00	415.00	236.50	178.05	212.30	276.10	146.30		
5	223.30	283.80	190.65	330.00	248.60	491.50	455.50	231.00	178.05	212.30	257.40	164.65		
6	224.40	357.50	195.90	316.25	258.50	505.00	616.00	215.60	172.25	218.90	258.50	175.10		
7	224.40	394.00	205.70	281.60	232.10	580.00	839.00	216.70	169.40	220.00	261.80	175.10		
8	206.80	373.50	190.65	237.60	200.20	648.10	977.25	202.40	176.05	210.10	247.50	177.00		
9	207.90	351.25	191.70	221.10	207.90	748.75	1007.00	193.80	162.75	212.30	244.20	176.05		
10	200.20	290.80	236.50	282.70	256.30	750.40	1001.75	199.10	154.40	213.40	221.10	176.05		
11	200.20	282.70	215.60	270.60	342.50	715.75	994.75	210.10	158.95	225.50	206.80	158.95		
12	207.90	264.00	193.80	248.60	402.40	707.50	1001.75	198.00	168.45	229.90	180.15	166.55		
13	245.30	268.40	178.05	220.00	431.50	697.60	1005.25	170.35	170.35	221.10	180.15	189.60		
14	284.90	312.50	193.80	205.70	403.80	720.70	966.75	167.50	222.20	216.70	199.10	195.90		
15	312.50	310.00	188.55	215.60	382.95	783.40	914.25	167.50	251.90	204.60	220.00	183.30		
16	259.60	351.25	186.45	211.20	372.15	804.00	870.50	167.50	246.40	203.50	215.60	193.80		
17	281.60	482.50	178.05	195.90	330.00	771.85	867.00	158.95	206.80	211.20	209.00	186.45		
18	249.70	484.00	166.55	198.00	321.25	752.05	819.75	173.20	181.20	204.60	198.00	178.05		
19	264.00	442.00	152.60	212.30	443.50	743.80	760.30	189.60	188.55	204.60	188.55	178.05		
20	276.10	433.00	195.90	202.40	476.50	740.50	737.20	181.20	190.65	202.40	190.65	181.20		
21	306.40	408.00	233.20	221.10	445.00	761.95	710.80	171.30	202.40	196.95	193.80	161.80		
22	288.40	360.00	293.20	253.00	402.40	773.50	681.10	164.65	224.40	178.05	198.00	154.40		
23	270.60	338.75	331.25	223.30	409.40	800.50	666.25	229.90	256.30	172.25	194.85	167.50		
24	226.60	312.50	333.75	174.15	487.00	847.75	643.15	271.70	283.80	207.90	193.80	166.55		
25	240.90	279.40	348.75	193.80	541.00	742.15	590.50	284.90	249.70	206.80	198.00	150.80		
26	228.80	271.70	312.50	190.65	547.00	596.50	509.50	266.20	224.40	210.10	174.15	163.70		
27	206.80	269.50	275.00	207.90	500.50	578.50	467.50	201.30	229.90	202.40	175.10	175.10		
28	201.30	244.20	312.50	216.70	478.00	520.00	424.00	198.00	251.90	191.70	185.40	174.15		
29	190.65	224.40	421.00	210.10	575.50	529.00	381.60	193.80	240.90	189.60	183.30	167.50		
30	180.15	223.30	523.00	193.80	542.50	539.50	341.25	186.45	222.20	201.30	172.25	172.25		
31		216.70		201.30	413.60		335.00		187.50	200.20		160.85		
Total	7214.30	9572.15	7370.80	8174.85	11444.85	19699.25	21393.15	6253.60	6285.20	6418.65	6122.00	5343.45	115292.25	CMSDAY
Mean	240.48	308.78	245.69	263.70	369.19	656.64	690.10	208.45	202.75	207.05	211.10	172.37	315.01	CMS
Max	312.50	484.00	523.00	554.50	575.50	847.75	1007.00	300.40	283.80	229.90	276.10	195.90	1007.00	CMS
Min	180.15	163.70	152.60	174.15	171.30	439.00	335.00	158.95	154.40	172.25	174.15	146.30	146.30	CMS
Runoff	623.32	827.03	636.84	706.31	988.84	1702.02	1848.37	540.31	543.04	554.57	528.94	461.67	9961.25	MCM
Momentary Peak	1012.25	CMS.	at 37.67 m. (MSL.)											on Oct 13, 2007
Runoff Yield	12.39	Liters/Second/Square KM.												Momentary Peak Yield 39.71 Liters/Second/Square KM.

WATER YEAR : 2007**NAN RIVER BASIN**

Nam Wa at Tha Li Bridge , Nan (N.75)

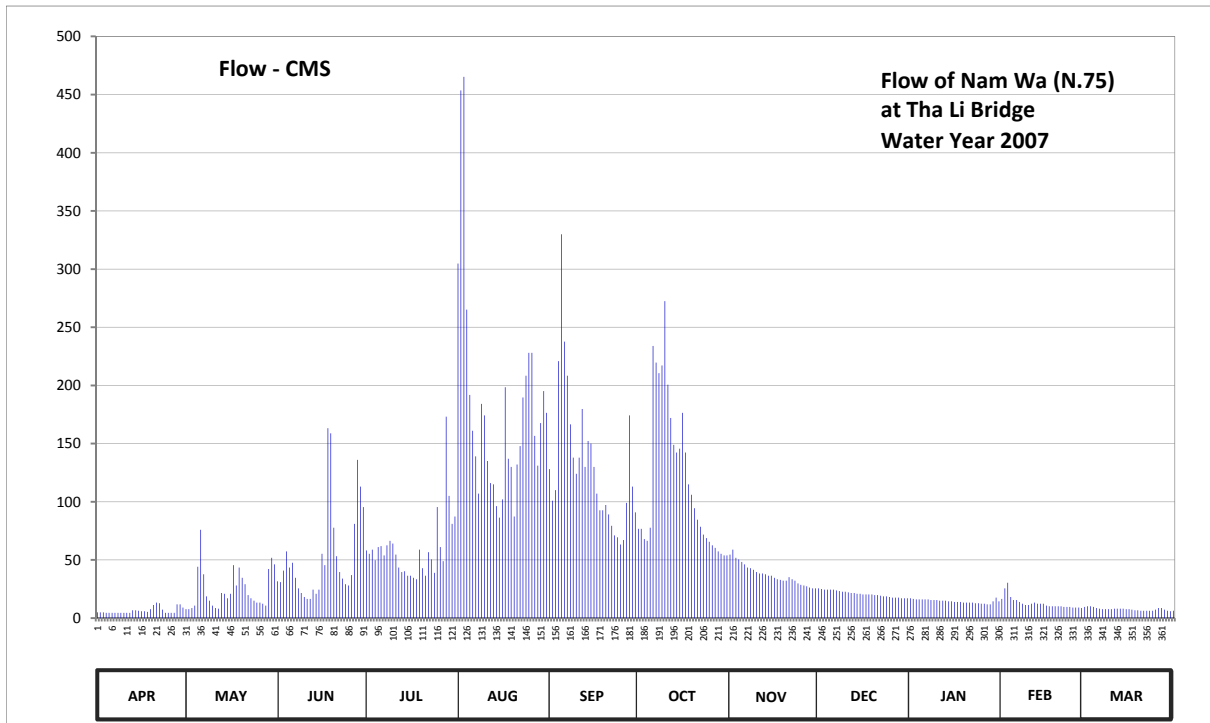
Lat 18 - 33 - 00 N Long 100 - 48 - 41 E

Location : on left bank at the bridge.

	Ban	Tha Li Bridge	Amphoe	Wiang Sa	Changwat	Nan
Drainge Area	2,170	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 approach of the bridge.			Elevation	+13.811 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	2006 to date					
Rating Operation						
Period of Rating	2006 to date					
Rated by Flot	-					
Rated by Current Meter	2006 to date					
Stability of Channel Regimes	Stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 37 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.32	1.38	1.81	2.21	4.54	2.99	2.45	2.16	1.71	1.56	1.55	1.42	
2	1.32	1.38	1.80	2.17	5.72	2.72	2.45	2.22	1.70	1.55	1.71	1.43	
3	1.32	1.40	1.96	2.22	5.81	2.81	2.34	2.12	1.69	1.54	1.79	1.43	
4	1.31	1.44	2.20	2.09	4.21	3.84	2.32	2.10	1.69	1.54	1.58	1.42	
5	1.31	2.01	2.00	2.25	3.58	4.75	2.46	2.07	1.69	1.54	1.53	1.40	
6	1.31	2.44	2.06	2.26	3.30	3.98	3.95	2.04	1.69	1.54	1.53	1.39	
7	1.31	1.91	1.86	2.15	3.10	3.73	3.83	2.00	1.68	1.54	1.50	1.38	
8	1.31	1.59	1.71	2.27	2.78	3.35	3.75	1.99	1.67	1.53	1.47	1.38	
9	1.31	1.52	1.64	2.32	3.51	3.09	3.81	1.97	1.66	1.53	1.45	1.38	
10	1.31	1.44	1.58	2.29	3.42	2.95	4.27	1.94	1.66	1.53	1.45	1.38	
11	1.31	1.40	1.55	2.16	3.06	3.09	3.66	1.92	1.65	1.52	1.47	1.39	
12	1.31	1.39	1.55	2.00	2.87	3.47	3.40	1.92	1.64	1.52	1.49	1.39	
13	1.36	1.64	1.69	1.94	2.86	3.01	3.19	1.91	1.64	1.52	1.47	1.39	
14	1.36	1.63	1.63	1.95	2.67	3.22	3.13	1.89	1.63	1.51	1.47	1.39	
15	1.35	1.56	1.69	1.89	2.56	3.20	3.16	1.89	1.63	1.51	1.47	1.38	
16	1.34	1.63	2.17	1.89	2.73	3.01	3.44	1.86	1.62	1.50	1.44	1.38	
17	1.34	2.03	2.03	1.86	3.64	2.78	3.13	1.84	1.62	1.50	1.43	1.37	
18	1.33	1.75	3.32	1.84	3.08	2.63	2.86	1.83	1.62	1.50	1.43	1.36	
19	1.38	2.00	3.28	2.22	3.01	2.63	2.77	1.82	1.62	1.49	1.43	1.36	
20	1.45	1.86	2.46	1.99	2.57	2.68	2.65	1.82	1.61	1.49	1.43	1.35	
21	1.49	1.77	2.14	1.89	3.03	2.59	2.54	1.87	1.61	1.49	1.43	1.35	
22	1.48	1.61	1.94	2.19	3.18	2.48	2.47	1.84	1.60	1.49	1.42	1.35	
23	1.37	1.56	1.85	2.10	3.56	2.38	2.39	1.82	1.59	1.48	1.42	1.35	
24	1.31	1.52	1.77	1.93	3.73	2.36	2.35	1.78	1.59	1.48	1.42	1.35	
25	1.31	1.49	1.75	2.66	3.90	2.28	2.31	1.76	1.58	1.47	1.41	1.37	
26	1.31	1.49	1.90	2.25	3.90	2.33	2.27	1.75	1.57	1.47	1.41	1.40	
27	1.31	1.47	2.50	2.08	3.26	2.70	2.24	1.74	1.57	1.46	1.41	1.40	
28	1.46	1.44	3.07	3.41	3.02	3.42	2.20	1.72	1.57	1.46	1.40	1.37	
29	1.46	1.98	2.84	2.76	3.36	2.84	2.17	1.71	1.56	1.51	1.40	1.35	
30	1.41	2.12	2.66	2.50	3.61	2.61	2.15	1.71	1.56	1.57	1.43	1.34	
31		2.04		2.57	3.44		2.15		1.56	1.51		1.35	
Mean	1.35	1.67	2.08	2.20	3.45	3.00	2.85	1.90	1.63	1.51	1.48	1.38	
Max	1.49	2.44	3.32	3.41	5.81	4.75	4.27	2.22	1.71	1.57	1.79	1.43	5.81
Min	1.31	1.38	1.55	1.84	2.56	2.28	2.15	1.71	1.56	1.46	1.40	1.34	1.31
Annual Max Momentary Gage Height	6.75		m. (A.D.) ,		at 06.00 Hours , on Aug 3 , 2007								
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,		River Bed -1.55 m. (A.D.)								
Left Bank Elevation	13.71		m. (A.D.) ,										
Right Bank Elevation	13.67		m. (A.D.) ,		Drainage Are 2,170 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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.92	7.68	31.60	58.14	304.80	128.00	76.80	54.60	25.60	17.08	16.55	9.66		
2	4.92	7.68	31.00	55.30	453.60	101.00	76.80	58.88	25.00	16.55	25.60	10.19		
3	4.92	8.60	40.90	58.88	465.30	110.00	67.92	51.80	24.42	16.02	30.40	10.19		
4	4.46	10.72	57.40	49.71	265.20	220.80	66.36	50.40	24.42	16.02	18.14	9.66		
5	4.46	44.19	43.50	61.10	191.80	330.00	77.64	48.33	24.42	16.02	15.49	8.60		
6	4.46	75.96	47.64	61.84	161.00	237.60	234.00	46.26	24.42	16.02	15.49	8.14		
7	4.46	37.65	34.60	53.90	139.00	208.30	219.60	43.50	23.84	16.02	13.90	7.68		
8	4.46	18.67	25.60	62.58	107.00	166.50	210.50	42.85	23.26	15.49	12.31	7.68		
9	4.46	14.96	21.52	66.36	184.10	138.00	217.20	41.55	22.68	15.49	11.25	7.68		
10	4.46	10.72	18.14	64.06	174.20	124.00	272.40	39.60	22.68	15.49	11.25	7.68		
11	4.46	8.60	16.55	54.60	135.00	138.00	200.60	38.30	22.10	14.96	12.31	8.14		
12	4.46	8.14	16.55	43.50	116.00	179.70	172.00	38.30	21.52	14.96	13.37	8.14		
13	6.76	21.52	24.42	39.60	115.00	130.00	148.90	37.65	21.52	14.96	12.31	8.14		
14	6.76	20.94	20.94	40.25	96.30	152.20	142.30	36.40	20.94	14.43	12.31	8.14		
15	6.30	17.08	24.42	36.40	86.40	150.00	145.60	36.40	20.94	14.43	12.31	7.68		
16	5.84	20.94	55.30	36.40	102.00	130.00	176.40	34.60	20.36	13.90	10.72	7.68		
17	5.84	45.57	45.57	34.60	198.40	107.00	142.30	33.40	20.36	13.90	10.19	7.22		
18	5.38	28.00	163.20	33.40	137.00	92.70	115.00	32.80	20.36	13.90	10.19	6.76		
19	7.68	43.50	158.80	58.88	130.00	92.70	106.00	32.20	20.36	13.37	10.19	6.76		
20	11.25	34.60	77.64	42.85	87.30	97.20	94.50	32.20	19.78	13.37	10.19	6.30		
21	13.37	29.20	53.20	36.40	132.00	89.10	84.60	35.20	19.78	13.37	10.19	6.30		
22	12.84	19.78	39.60	56.70	147.80	79.32	78.48	33.40	19.20	13.37	9.66	6.30		
23	7.22	17.08	34.00	50.40	189.60	71.04	71.82	32.20	18.67	12.84	9.66	6.30		
24	4.46	14.96	29.20	38.95	208.30	69.48	68.70	29.80	18.67	12.84	9.66	6.30		
25	4.46	13.37	28.00	95.40	228.00	63.32	65.58	28.60	18.14	12.31	9.13	7.22		
26	4.46	13.37	37.00	61.10	228.00	67.14	62.58	28.00	17.61	12.31	9.13	8.60		
27	4.46	12.31	81.00	49.02	156.60	99.00	60.36	27.40	17.61	11.78	9.13	8.60		
28	11.78	10.72	136.00	173.10	131.00	174.20	57.40	26.20	17.61	11.78	8.60	7.22		
29	11.78	42.20	113.00	105.00	167.60	113.00	55.30	25.60	17.08	14.43	8.60	6.30		
30	9.13	51.80	95.40	81.00	195.10	90.90	53.90	25.60	17.08	17.61		5.84		
31		46.26		87.30	176.40		53.90		17.08	14.43		6.30		
Total	194.67	756.77	1601.69	1846.72	5609.80	3950.20	3675.44	1122.02	647.51	449.45	368.23	237.40	20459.90	CMSDAY
Mean	6.49	24.41	53.39	59.57	180.96	131.67	118.56	37.40	20.89	14.50	12.70	7.66	55.90	CMS
Max	13.37	75.96	163.20	173.10	465.30	330.00	272.40	58.88	25.60	17.61	30.40	10.19	465.30	CMS
Min	4.46	7.68	16.55	33.40	86.40	63.32	53.90	25.60	17.08	11.78	8.60	5.84	4.46	CMS
Runoff	16.82	65.38	138.39	159.56	484.69	341.30	317.56	96.94	55.94	38.83	31.82	20.51	1767.74	MCM
Momentary Peak		591.25	CMS. at 6.75 m. (A.D.) at 06.00 Hours , on Aug 3, 2007											
Runoff Yield		25.83	Liters/Second/Square KM.		Momentary Peak Yield		272.47	Liters/Second/Square KM.						

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Phai Lom, Nakhon Sawan (C.2)

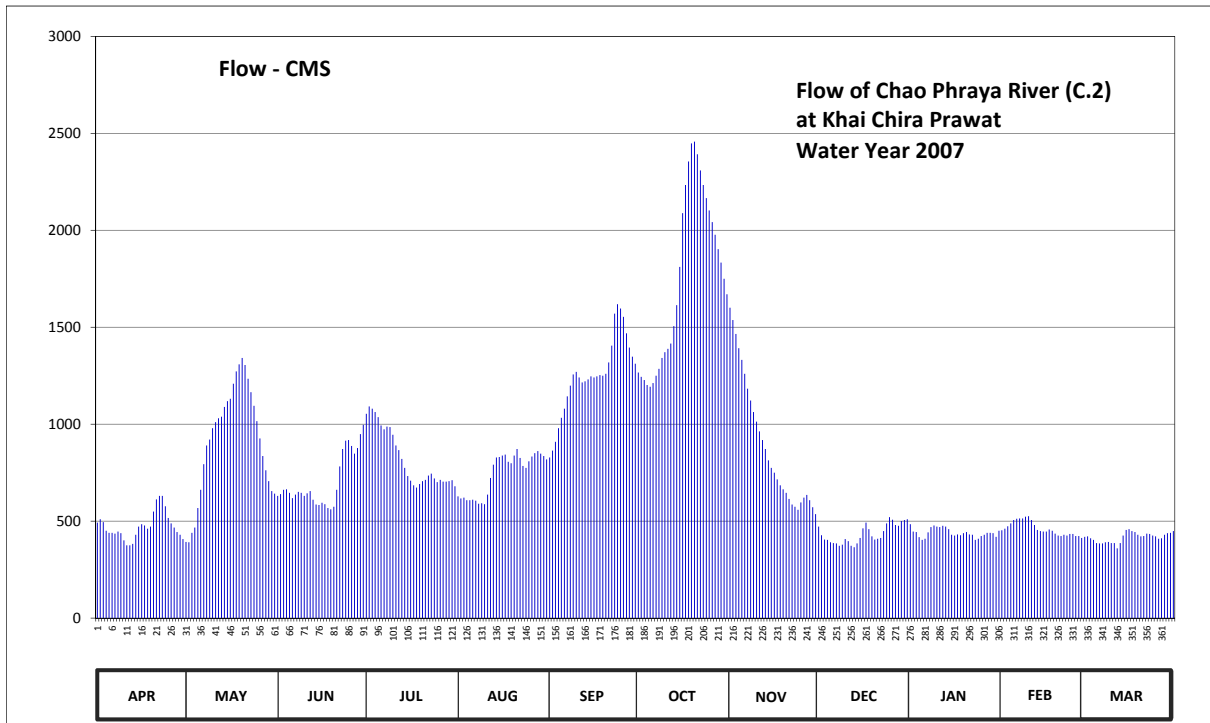
Lat 15 - 40 - 15 N Long 100 - 06 - 49 E

Location : on left bank at Ban Phai Lom.

	Ban	Phai Lom	Amphoe	Mueang	Changwat	Nakhon Sawan
Drainage Area	109,973 sq.km.					
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	+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 81 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.56	19.08	20.18	21.83	20.17	21.01	22.52	23.45	19.46	19.52	19.37	19.21	
2	19.64	19.07	20.22	21.96	20.12	21.15	22.45	23.30	19.25	19.34	19.41	19.22	
3	19.57	19.31	20.32	21.92	20.14	21.32	22.40	23.11	19.14	19.33	19.47	19.17	
4	19.36	19.44	20.33	21.86	20.08	21.57	22.32	22.90	19.13	19.20	19.54	19.13	
5	19.31	19.90	20.25	21.77	20.08	21.76	22.29	22.72	19.07	19.13	19.62	19.05	
6	19.31	20.32	20.13	21.62	20.09	21.92	22.35	22.50	19.05	19.16	19.65	19.04	
7	19.29	20.87	20.21	21.55	20.07	22.13	22.47	22.26	19.04	19.32	19.66	19.04	
8	19.34	21.25	20.27	21.60	20.00	22.31	22.58	22.06	18.98	19.45	19.66	19.07	
9	19.30	21.36	20.25	21.59	20.01	22.49	22.75	21.86	19.01	19.49	19.70	19.08	
10	19.12	21.57	20.18	21.45	19.99	22.53	22.84	21.69	19.15	19.46	19.71	19.05	
11	18.99	21.68	20.24	21.25	20.21	22.44	22.89	21.51	19.10	19.45	19.62	19.05	
12	18.99	21.75	20.29	21.16	20.58	22.36	22.97	21.35	18.98	19.48	19.50	18.91	
13	19.03	21.78	20.09	20.98	20.86	22.38	23.22	21.18	18.94	19.46	19.38	19.05	
14	19.26	21.95	19.98	20.79	21.01	22.41	23.48	20.95	19.04	19.40	19.35	19.24	
15	19.46	22.05	19.97	20.62	21.02	22.46	23.88	20.79	19.18	19.26	19.34	19.38	
16	19.52	22.09	20.02	20.52	21.05	22.44	24.33	20.69	19.42	19.24	19.34	19.40	
17	19.49	22.34	19.99	20.42	21.07	22.46	24.53	20.55	19.56	19.27	19.39	19.35	
18	19.41	22.54	19.90	20.37	20.92	22.48	24.67	20.42	19.40	19.25	19.36	19.33	
19	19.46	22.65	19.87	20.45	20.89	22.47	24.77	20.33	19.22	19.30	19.29	19.26	
20	19.82	22.75	19.93	20.51	21.05	22.50	24.78	20.25	19.14	19.33	19.24	19.22	
21	20.10	22.64	20.32	20.54	21.18	22.68	24.71	20.11	19.16	19.27	19.23	19.23	
22	20.18	22.42	20.82	20.63	21.00	22.94	24.62	19.98	19.18	19.26	19.26	19.29	
23	20.18	22.20	21.18	20.67	20.83	23.38	24.53	19.93	19.35	19.13	19.24	19.28	
24	19.94	21.97	21.34	20.57	20.79	23.49	24.44	19.86	19.54	19.16	19.28	19.24	
25	19.67	21.70	21.35	20.49	20.93	23.44	24.35	20.03	19.69	19.23	19.28	19.22	
26	19.54	21.38	21.24	20.54	21.03	23.34	24.26	20.14	19.63	19.26	19.23	19.16	
27	19.44	21.04	21.09	20.50	21.10	23.12	24.16	20.20	19.50	19.31	19.23	19.17	
28	19.33	20.74	21.20	20.50	21.14	22.91	24.04	20.08	19.48	19.31	19.18	19.26	
29	19.26	20.51	21.46	20.51	21.09	22.77	23.92	19.92	19.60	19.30	19.17	19.30	
30	19.15	20.29	21.63	20.53	21.04	22.66	23.76	19.76	19.62	19.21	19.21	19.31	
31		20.23		20.40	20.97		23.60		19.64	19.36		19.35	
Mean	19.47	21.25	20.48	20.97	20.66	22.44	23.58	21.13	19.28	19.31	19.40	19.20	
Max	20.18	22.75	21.63	21.96	21.18	23.49	24.78	23.45	19.69	19.52	19.71	19.40	24.78
Min	18.99	19.07	19.87	20.37	19.99	21.01	22.29	19.76	18.94	19.13	19.17	18.91	18.91
Annual Max Momentary Gage Height	24.80		m. (MSL.) ,			at 21.00 Hours ,	on Oct 19 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	13.49	m. (MSL.)					
Left Bank Elevation		25.56		m. (MSL.) ,									
Right Bank Elevation		26.33		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	492.60	393.00	630.50	1053.70	628.25	828.50	1266.40	1601.00	471.60	484.20	452.70	419.55		
2	509.80	391.00	639.50	1092.00	617.00	864.00	1244.00	1537.00	427.75	446.40	461.10	421.60		
3	494.70	440.10	662.00	1080.00	621.50	909.60	1228.00	1465.60	405.20	444.30	473.70	411.35		
4	450.60	467.40	664.25	1062.40	608.00	979.60	1202.40	1392.00	403.15	417.50	488.40	403.15		
5	440.10	567.50	646.25	1036.30	608.00	1033.40	1192.90	1331.60	391.00	403.15	505.40	387.00		
6	440.10	662.00	619.25	993.60	610.25	1080.00	1212.00	1260.00	387.00	409.30	512.00	385.00		
7	435.95	794.15	637.25	974.00	605.75	1143.30	1250.40	1183.60	385.00	442.20	514.20	385.00		
8	446.40	890.50	650.75	988.00	590.00	1199.20	1285.60	1122.00	373.20	469.50	514.20	391.00		
9	438.00	920.80	646.25	985.20	592.25	1256.80	1341.50	1062.40	379.00	477.90	523.00	393.00		
10	401.10	979.60	630.50	946.00	587.75	1269.60	1371.60	1013.20	407.25	471.60	525.20	387.00		
11	375.10	1010.40	644.00	890.50	637.25	1240.80	1388.60	962.80	397.00	469.50	505.40	387.00		
12	375.10	1030.50	655.25	866.60	723.10	1215.20	1415.80	918.00	373.20	475.80	480.00	359.90		
13	383.00	1039.20	610.25	821.10	791.70	1221.60	1505.80	871.80	365.60	471.60	454.80	387.00		
14	429.80	1089.00	585.50	774.55	828.50	1231.20	1614.20	813.75	385.00	459.00	448.50	425.70		
15	471.60	1119.00	583.25	732.90	831.00	1247.20	1811.60	774.55	413.40	429.80	446.40	454.80		
16	484.20	1131.00	594.50	708.40	838.50	1240.80	2088.70	750.05	463.20	425.70	446.40	459.00		
17	477.90	1208.80	587.75	684.70	843.50	1247.20	2234.00	715.75	492.60	431.85	456.90	448.50		
18	461.10	1272.80	567.50	673.25	806.40	1253.60	2355.10	684.70	459.00	427.75	450.60	444.30		
19	471.60	1308.50	560.75	691.75	799.05	1250.40	2448.10	664.25	421.60	438.00	435.95	429.80		
20	549.50	1341.50	574.25	705.95	838.50	1260.00	2457.40	646.25	405.20	444.30	425.70	421.60		
21	612.50	1305.20	662.00	713.30	871.80	1318.40	2392.30	614.75	409.30	431.85	423.65	423.65		
22	630.50	1234.40	781.90	735.35	826.00	1405.60	2308.60	585.50	413.40	429.80	429.80	435.95		
23	630.50	1165.00	871.80	745.15	784.35	1570.60	2234.00	574.25	448.50	403.15	425.70	433.90		
24	576.50	1095.00	915.20	720.65	774.55	1618.60	2166.20	558.50	488.40	409.30	433.90	425.70		
25	516.40	1016.00	918.00	701.15	808.85	1596.60	2102.50	596.75	520.80	423.65	433.90	421.60		
26	488.40	926.40	887.80	713.30	833.50	1553.80	2042.00	621.50	507.60	429.80	423.65	409.30		
27	467.40	836.00	848.50	703.50	851.00	1469.20	1977.40	635.00	480.00	440.10	423.65	411.35		
28	444.30	762.30	877.00	703.50	861.40	1395.40	1903.00	608.00	475.80	440.10	413.40	429.80		
29	429.80	705.95	948.80	705.95	848.50	1348.10	1833.40	572.00	501.00	438.00	411.35	438.00		
30	407.25	655.25	996.40	710.85	836.00	1311.80	1750.00	536.20	505.40	419.55	440.10	440.10		
31		641.75		680.00	818.65		1670.00		509.80	450.60		448.50		
Total	14231.80	28400.00	21096.90	25593.60	23120.85	37560.10	54293.50	26672.75	13465.95	13655.25	13339.55	12919.10	284349.35	CMSDAY
Mean	474.39	916.13	703.23	825.60	745.83	1252.00	1751.40	889.09	434.39	440.49	459.98	416.75	776.91	CMS
Max	630.50	1341.50	996.40	1092.00	871.80	1618.60	2457.40	1601.00	520.80	484.20	525.20	459.00	2457.40	CMS
Min	375.10	391.00	560.75	673.25	587.75	828.50	1192.90	536.20	365.60	403.15	411.35	359.90	359.90	CMS
Runoff	1229.63	2453.76	1822.77	2211.29	1997.64	3245.19	4690.96	2304.53	1163.46	1179.81	1152.54	1116.21	24567.78	MCM
Momentary Peak		2476.00	CMS. at 24.80 m. (MSL.)											at 21.00 Hours , on Oct 19 , 2007
Runoff Yield		7.08	Liters/Second/Square KM.				22.51	Liters/Second/Square KM.						

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Bang Kaeo, Ang Thong (C.7A)

Lat 14 - 35 - 05 N Long 100 - 27 - 12 E

Location : on left bank at Ban Bang Kaeo

	Ban Bang Kaeo	Amphoe Mueang	Changwat	Ang Thong
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 left bank near the gage site		Elevation	+8.633 m. (MSL.)
Gage Reading Frequency	Recording			
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings			
Period of Available Gage Records	2006 to date			
Rating Operation				
Period of Rating	2006 to date			
Rated by Flot	-			
Rated by Current Meter	2006 to date			
Stability of Channel Regimes	Fairly stable.			
Overbank Flow Conditions	Overbank flow starts at elevation +8.080 m.(MSL.) and is including overbank flow.			
General Description	Records good. Stage-discharge relation defined by 55 discharge measurements made in 2007.			

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.48	0.67	1.97	4.07	2.09	3.49	5.97	6.79	1.24	1.16	0.90	0.85	
2	0.48	0.73	1.90	4.18	1.86	3.68	5.73	6.58	1.06	1.02	0.91	0.88	
3	0.49	0.79	1.77	4.38	1.53	3.70	5.58	6.41	0.89	0.99	0.86	0.87	
4	0.53	0.93	2.10	4.37	1.27	3.76	5.33	6.23	0.87	0.95	0.91	0.78	
5	0.53	1.00	2.30	4.17	1.11	4.06	5.19	5.95	0.91	0.89	0.97	0.72	
6	0.61	1.12	2.59	4.06	1.08	4.35	5.27	5.73	0.92	0.91	0.97	0.71	
7	0.68	1.83	2.62	3.93	1.21	4.54	5.29	5.49	0.88	0.87	0.96	0.67	
8	0.76	2.79	2.57	3.72	1.28	4.79	5.34	5.18	0.95	0.82	1.07	0.75	
9	0.77	3.52	2.60	3.65	1.31	5.09	5.39	4.91	1.03	0.82	1.08	0.85	
10	0.79	3.90	2.65	3.68	1.38	5.20	5.43	4.60	1.04	0.78	1.10	0.85	
11	0.76	4.31	2.62	3.66	1.28	5.10	5.52	4.32	0.95	0.87	1.11	0.85	
12	0.72	4.83	2.46	3.37	1.25	5.07	5.71	3.99	0.91	0.77	1.03	0.85	
13	0.72	4.83	2.37	3.08	1.43	5.14	6.05	3.63	0.89	0.70	1.01	0.88	
14	0.64	5.05	2.02	2.77	1.46	5.36	6.43	3.27	0.94	0.70	0.94	0.86	
15	0.59	5.49	1.78	2.51	2.38	5.54	6.73	2.86	1.00	0.82	0.92	0.80	
16	0.58	5.74	1.76	2.24	2.47	5.65	7.33	2.49	0.97	0.73	0.95	0.75	
17	0.59	5.85	1.85	1.94	2.63	5.80	7.89	2.38	0.83	0.74	0.97	0.60	
18	0.59	6.14	1.91	1.75	2.69	5.95	8.16	2.21	0.78	0.90	0.96	0.44	
19	0.64	6.31	1.67	1.80	2.57	6.02	8.38	1.99	0.77	1.02	0.94	0.39	
20	0.66	6.42	1.54	1.84	2.30	6.08	8.56	1.85	0.89	1.05	0.88	0.42	
21	0.72	6.49	1.46	2.16	2.37	6.21	8.71	1.73	0.95	0.97	0.88	0.49	
22	0.85	6.32	1.59	2.36	2.60	6.32	8.75	1.55	0.97	0.96	0.85	0.57	
23	0.97	6.01	2.29	2.47	2.59	6.67	8.73	1.46	0.95	0.99	0.80	0.69	
24	1.05	5.50	2.78	2.72	2.35	6.88	8.61	1.66	0.85	0.90	0.82	0.68	
25	1.04	5.06	3.17	2.72	2.19	6.81	8.40	1.45	0.82	0.70	0.85	0.76	
26	0.77	4.62	3.35	2.56	2.14	6.76	8.18	1.28	1.07	0.71	0.86	0.89	
27	0.69	4.06	3.30	2.54	2.42	6.68	7.76	1.30	1.24	0.83	0.77	0.88	
28	0.64	3.42	3.27	2.29	2.73	6.38	7.46	1.45	1.29	0.82	0.84	0.90	
29	0.49	3.00	3.36	1.88	2.92	6.18	7.23	1.54	1.31	0.84	0.89	0.92	
30	0.54	2.65	3.72	1.86	3.12	6.19	7.05	1.35	1.25	0.73	0.77	0.77	
31		2.27		2.07	3.36		6.93		1.19	0.77		0.62	
Mean	0.68	3.92	2.38	2.93	2.04	5.45	6.87	3.39	0.99	0.86	0.93	0.74	
Max	1.05	6.49	3.72	4.38	3.36	6.88	8.75	6.79	1.31	1.16	1.11	0.92	8.75
Min	0.48	0.67	1.46	1.75	1.08	3.49	5.19	1.28	0.77	0.70	0.77	0.39	0.39
Annual Max Momentary Gage Height	8.76		m. (MSL.) ,				at 12.00 Hours , on Oct 22 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	-7.21	M (MSL)					
Left Bank Elevation		8.63	m. (MSL.) ,										
Right Bank Elevation		8.07	m. (MSL.) ,			Drainage Area		Square Kilometers					

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban Bang Luang, Chai Nat (C.13)

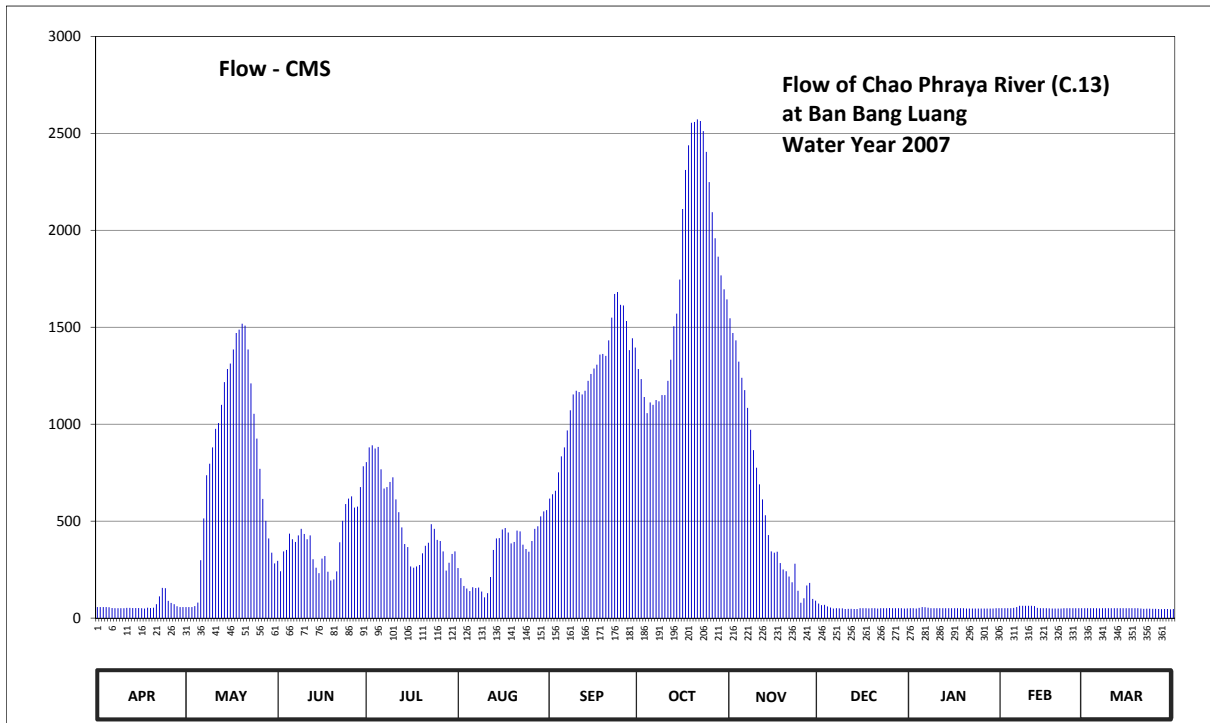
Lat 15 - 19 - 57 N Long 100 - 11 - 32 E

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	+16.310 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 43 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.10	6.10	8.30	10.75	8.07	9.98	12.37	13.15	6.38	6.00	6.00	6.00	
2	6.10	6.10	7.96	11.03	7.71	10.08	12.21	12.93	6.25	6.00	6.00	6.00	
3	6.10	6.10	8.59	11.07	7.40	10.16	11.92	12.82	6.27	5.97	6.00	6.00	
4	6.10	6.18	8.63	11.01	7.28	10.55	11.65	12.49	6.15	6.03	6.00	6.00	
5	6.08	6.46	9.11	11.04	7.14	10.86	11.83	12.23	6.05	6.10	6.03	6.00	
6	6.01	8.32	8.95	10.61	7.34	11.03	11.79	12.03	5.98	6.08	6.10	5.99	
7	6.00	9.51	8.87	10.21	7.30	11.35	11.87	11.74	6.00	6.04	6.20	6.00	
8	6.00	10.49	9.06	10.24	7.32	11.70	11.85	11.36	5.99	6.00	6.20	6.00	
9	6.00	10.72	9.24	10.35	7.12	11.96	11.95	10.98	5.99	6.00	6.20	6.00	
10	6.00	11.03	9.10	10.45	6.79	12.02	11.95	10.64	5.93	6.00	6.20	6.00	
11	6.03	11.38	8.95	9.96	7.03	12.00	12.18	10.30	5.94	6.00	6.20	6.00	
12	6.03	11.48	9.06	9.66	7.75	11.96	12.52	9.96	5.94	6.00	6.17	6.00	
13	6.01	11.79	8.35	9.28	8.63	12.02	13.03	9.59	5.93	6.00	6.03	6.00	
14	6.01	12.16	8.08	8.81	8.97	12.18	13.22	9.07	5.93	6.00	6.00	6.00	
15	6.02	12.37	7.89	8.72	8.98	12.29	13.72	8.59	6.00	6.00	6.00	6.00	
16	6.00	12.46	8.37	8.12	9.22	12.38	14.66	8.55	6.00	6.00	6.00	6.00	
17	5.97	12.68	8.45	8.08	9.26	12.44	15.15	8.58	6.00	6.00	5.99	6.00	
18	6.04	12.93	7.94	8.12	9.14	12.60	15.45	8.23	5.99	6.00	5.98	6.00	
19	6.02	12.98	7.62	8.17	8.83	12.61	15.72	8.02	6.00	6.00	5.98	6.00	
20	6.04	13.07	7.66	8.53	8.87	12.58	15.73	7.96	6.00	5.98	5.98	5.98	
21	6.33	13.04	7.95	8.76	9.19	12.82	15.76	7.77	5.98	5.98	5.98	5.95	
22	6.85	12.68	8.86	8.85	9.17	13.16	15.74	7.55	6.00	5.98	6.00	5.96	
23	7.31	12.14	9.45	9.36	8.79	13.51	15.62	8.21	6.00	5.98	6.00	5.96	
24	7.29	11.64	9.85	9.24	8.66	13.54	15.37	7.16	6.00	5.98	6.00	5.95	
25	6.59	11.20	9.98	8.93	8.58	13.35	15.00	6.44	6.01	5.98	6.00	5.95	
26	6.43	10.62	10.03	8.90	8.90	13.34	14.62	6.74	6.00	5.98	6.00	5.93	
27	6.33	9.97	9.77	8.59	9.24	13.11	14.29	7.42	6.00	5.98	6.00	5.92	
28	6.16	9.45	9.79	7.98	9.31	12.67	14.04	7.53	6.00	5.98	6.00	5.93	
29	6.10	8.97	10.24	8.24	9.56	12.85	13.78	6.70	6.00	5.98	6.00	5.93	
30	6.10	8.55	10.67	8.51	9.68	12.71	13.58	6.60	5.98	6.00	6.00	5.91	
31		8.22		8.59	9.71		13.43		5.99	6.00		5.93	
Mean	6.21	10.35	8.89	9.36	8.42	12.13	13.61	9.38	6.02	6.00	6.04	5.98	
Max	7.31	13.07	10.67	11.07	9.71	13.54	15.76	13.15	6.38	6.10	6.20	6.00	15.76
Min	5.97	6.10	7.62	7.98	6.79	9.98	11.65	6.44	5.93	5.97	5.98	5.91	5.91
Annual Max Momentary Gage Height	15.76		m. (MSL.) ,				at 13.00 Hours , on Oct 19 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	1.45	m. (MSL.)					
Left Bank Elevation		16.70		m. (MSL.) ,									
Right Bank Elevation		16.26		m. (MSL.) ,		Drainage Are	117,187	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	57.00	57.00	295.00	804.50	258.50	616.60	1284.40	1546.25	75.20	51.00	51.00	51.00		
2	57.00	57.00	242.00	880.10	206.40	638.60	1233.20	1470.35	66.75	51.00	51.00	51.00		
3	57.00	57.00	344.30	890.90	166.00	656.80	1140.40	1432.80	68.05	49.20	51.00	51.00		
4	57.00	62.20	351.10	874.70	153.00	752.00	1057.00	1322.80	60.25	52.80	51.00	51.00		
5	55.80	80.40	435.90	882.80	139.00	834.20	1112.30	1239.60	54.00	57.00	52.80	51.00		
6	51.60	298.40	407.00	767.60	159.40	880.10	1099.90	1175.60	49.80	55.80	57.00	50.40		
7	51.00	514.10	392.60	668.40	155.00	968.00	1124.70	1084.40	51.00	53.40	63.50	51.00		
8	51.00	736.50	426.80	675.60	157.20	1072.00	1118.50	970.80	50.40	51.00	63.50	51.00		
9	51.00	796.40	460.60	702.00	137.00	1153.20	1150.00	866.60	50.40	51.00	63.50	51.00		
10	51.00	880.10	434.00	726.50	107.10	1172.40	1150.00	775.40	46.80	51.00	63.50	51.00		
11	52.80	976.40	407.00	612.20	128.70	1166.00	1223.60	690.00	47.40	51.00	63.50	51.00		
12	52.80	1006.00	426.80	546.20	212.00	1153.20	1332.60	612.20	47.40	51.00	61.55	51.00		
13	51.60	1099.90	303.50	468.20	351.10	1172.40	1504.85	530.90	46.80	51.00	52.80	51.00		
14	51.60	1217.20	260.00	381.80	410.60	1223.60	1570.40	428.60	46.80	51.00	51.00	51.00		
15	52.20	1284.40	231.60	366.40	412.40	1258.80	1746.20	344.30	51.00	51.00	51.00	51.00		
16	51.00	1313.20	306.90	266.20	456.80	1287.60	2109.60	337.50	51.00	51.00	51.00	51.00		
17	49.20	1385.40	320.50	260.00	464.40	1306.80	2311.00	342.60	51.00	51.00	50.40	51.00		
18	53.40	1470.35	239.00	266.20	441.60	1359.00	2438.50	283.80	50.40	51.00	49.80	51.00		
19	52.20	1487.60	193.80	274.20	385.40	1362.30	2554.80	251.00	51.00	51.00	49.80	51.00		
20	53.40	1518.65	199.40	334.10	392.60	1352.40	2559.20	242.00	51.00	49.80	49.80	49.80		
21	71.95	1508.30	240.50	373.20	451.10	1432.80	2572.40	214.80	49.80	49.80	49.80	48.00		
22	112.50	1385.40	390.80	389.00	447.30	1549.70	2563.60	184.50	51.00	49.80	51.00	48.60		
23	156.10	1210.80	502.00	484.00	378.30	1671.50	2511.60	280.60	51.00	49.80	51.00	48.60		
24	154.00	1054.00	588.00	460.60	356.20	1682.00	2404.25	141.00	51.00	49.80	51.00	48.00		
25	89.30	926.00	616.60	403.40	342.60	1615.50	2249.00	79.10	51.60	49.80	51.00	48.00		
26	78.45	770.20	627.60	398.00	398.00	1612.00	2093.20	102.60	51.00	49.80	51.00	46.80		
27	71.95	614.40	570.40	344.30	460.60	1532.45	1959.10	168.40	51.00	49.80	51.00	46.20		
28	60.90	502.00	574.80	245.00	474.00	1382.10	1863.80	181.90	51.00	49.80	51.00	46.80		
29	57.00	410.60	675.60	285.40	524.60	1443.00	1767.80	99.00	51.00	49.80	51.00	46.80		
30	57.00	337.50	783.20	330.70	550.60	1395.40	1696.00	90.00	49.80	51.00		45.60		
31		282.20		344.30	557.20		1643.50		50.40	51.00		46.80		
Total	1968.75	25299.60	12247.30	15706.50	10234.70	36702.45	54145.40	17489.40	1625.05	1582.20	1556.25	1538.40	180096.00	CMSDAY
Mean	65.63	816.12	408.24	506.66	330.15	1223.42	1746.63	582.98	52.42	51.04	53.66	49.63	492.07	CMS
Max	156.10	1518.65	783.20	890.90	557.20	1682.00	2572.40	1546.25	75.20	57.00	63.50	51.00	2572.40	CMS
Min	49.20	57.00	193.80	245.00	107.10	616.60	1057.00	79.10	46.80	49.20	49.80	45.60	45.60	CMS
Runoff	170.10	2185.89	1058.17	1357.04	884.28	3171.09	4678.16	1511.08	140.4	136.70	134.46	132.92	15560.29	MCM
Momentary Peak		2572.40	CMS. at 15.76 m. (MSL.)											at 13.00 Hours , on Oct 19 , 2007
Runoff Yield		4.21	Liters/Second/Square KM.											Momentary Peak Yield 21.95 Liters/Second/Square KM.

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Huai Khun Kaeo at Ban Samo Thong, Uthai Thani (C.30)

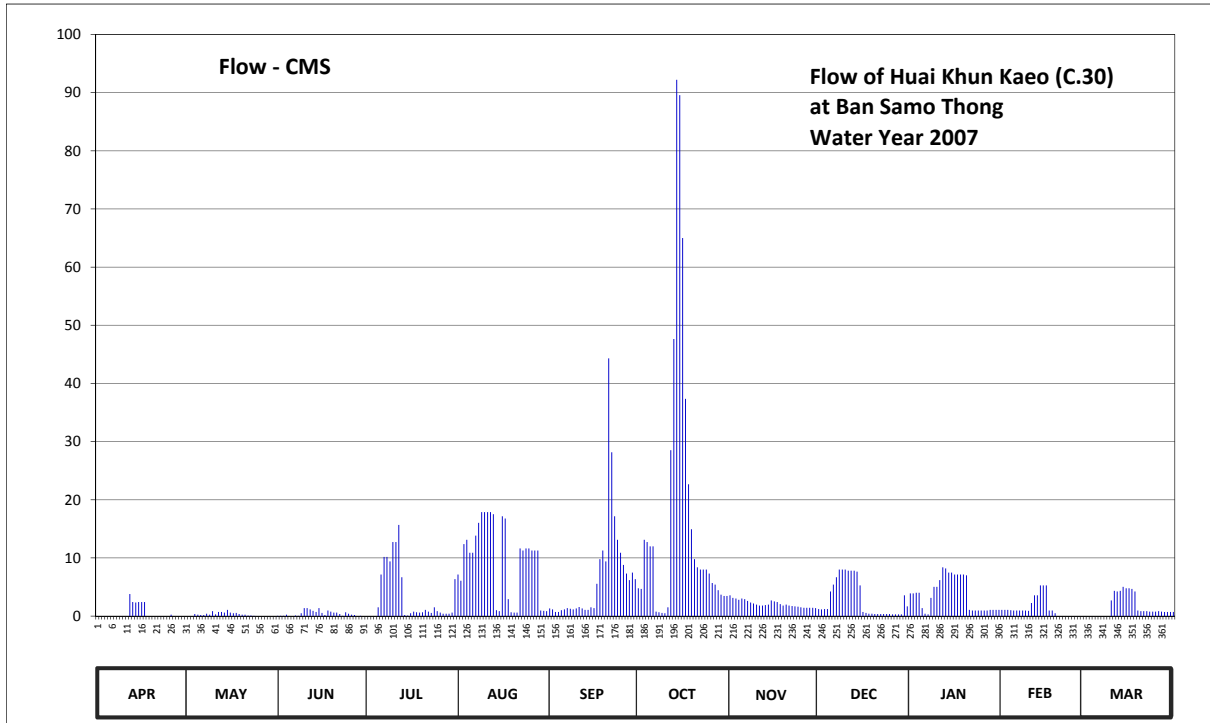
Lat 15 - 20 - 53 N Long 99 - 32 - 11 E

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 15 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	101.95	101.97	102.01	101.98	102.76	102.22	102.59	102.48	102.20	102.51	102.18	101.78	
2	101.95	101.99	102.01	101.97	102.69	102.19	102.58	102.44	102.19	102.51	102.18	101.77	
3	101.94	101.99	102.01	101.94	102.97	102.12	102.99	102.43	102.20	102.52	102.18	101.77	
4	101.94	102.06	102.04	101.93	102.99	102.12	102.98	102.41	102.20	102.52	102.17	101.77	
5	101.93	102.04	101.97	102.25	102.93	102.17	102.96	102.43	102.54	102.23	102.16	101.77	
6	101.92	102.03	101.96	102.76	102.93	102.19	102.96	102.42	102.64	102.07	102.16	101.77	
7	101.92	102.03	102.02	102.91	103.01	102.23	102.13	102.39	102.73	102.05	102.16	101.77	
8	101.92	102.07	102.01	102.91	103.07	102.21	102.11	102.36	102.81	102.44	102.16	101.76	
9	101.96	102.04	102.08	102.88	103.12	102.19	102.09	102.34	102.81	102.61	102.16	101.76	
10	101.93	102.14	102.23	102.98	103.12	102.22	102.08	102.32	102.81	102.61	102.15	102.40	
11	101.92	102.05	102.23	102.98	103.12	102.26	102.25	102.30	102.80	102.70	102.35	102.55	
12	102.50	102.12	102.19	103.06	103.12	102.22	103.41	102.30	102.80	102.83	102.48	102.54	
13	102.37	102.12	102.15	102.73	103.11	102.18	103.93	102.31	102.80	102.82	102.48	102.55	
14	102.36	102.10	102.12	102.03	102.17	102.18	104.70	102.32	102.79	102.78	102.63	102.61	
15	102.37	102.18	102.23	102.02	102.14	102.25	104.66	102.40	102.63	102.78	102.63	102.59	
16	102.37	102.10	102.09	102.08	103.10	102.23	104.27	102.38	102.12	102.76	102.63	102.59	
17	102.37	102.08	102.03	102.13	103.09	102.65	103.65	102.37	102.09	102.76	102.16	102.58	
18	102.00	102.09	102.16	102.11	102.42	102.90	103.25	102.33	102.07	102.76	102.16	102.54	
19	101.98	102.06	102.13	102.10	102.11	102.94	103.04	102.30	102.07	102.76	102.08	102.16	
20	101.98	102.04	102.10	102.11	102.10	102.88	102.90	102.32	102.06	102.75	101.83	102.14	
21	101.96	102.04	102.10	102.18	102.10	103.84	102.83	102.30	102.06	102.18	101.82	102.14	
22	101.96	102.02	102.06	102.13	102.95	103.40	102.81	102.29	102.06	102.16	101.79	102.14	
23	101.95	102.02	102.01	102.09	102.94	103.10	102.81	102.28	102.06	102.16	101.79	102.13	
24	101.95	102.01	102.11	102.25	102.95	102.99	102.81	102.27	102.06	102.16	101.79	102.13	
25	101.94	102.00	102.07	102.14	102.95	102.93	102.77	102.25	102.06	102.16	101.78	102.13	
26	102.04	101.99	102.04	102.10	102.94	102.85	102.66	102.24	102.05	102.16	101.78	102.14	
27	101.97	101.99	102.03	102.07	102.94	102.77	102.64	102.24	102.05	102.16	101.78	102.13	
28	101.96	101.99	102.00	102.07	102.94	102.70	102.56	102.24	102.05	102.18	101.79	102.12	
29	101.96	102.00	102.01	102.07	102.16	102.78	102.49	102.24	102.05	102.18	101.78	102.12	
30	101.95	101.99	101.98	102.10	102.15	102.71	102.47	102.23	102.48	102.18		102.12	
31		101.99		102.71	102.14		102.47		102.28	102.18		102.12	
Mean	102.04	102.04	102.07	102.32	102.75	102.55	102.93	102.33	102.34	102.44	102.11	102.15	
Max	102.50	102.18	102.23	103.06	103.12	103.84	104.70	102.48	102.81	102.83	102.63	102.61	104.70
Min	101.92	101.97	101.96	101.93	102.10	102.12	102.08	102.23	102.05	102.05	101.78	101.76	101.76
Annual Max Momentary Gage Height	105.03		m. (MSL.) ,				at 12.00 Hours , on Oct 14 , 2007						
Zero Gage at Bottom Elevation	101.53		m. (MSL.) ,			River Bed	101.31	m. (MSL.)					
Left Bank Elevation		108.27		m. (MSL.) ,									
Right Bank Elevation		108.36		m. (MSL.) ,		Drainage Are	227	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.06	0.00	7.16	1.32	4.79	3.58	1.20	3.91	1.08	0.00	
2	0.00	0.00	0.06	0.00	6.07	1.14	4.68	3.14	1.14	3.91	1.08	0.00	
3	0.00	0.00	0.06	0.00	12.37	0.72	13.11	3.03	1.20	4.02	1.08	0.00	
4	0.00	0.36	0.24	0.00	13.11	0.72	12.74	2.81	1.20	4.02	1.02	0.00	
5	0.00	0.24	0.00	1.50	10.90	1.02	12.00	3.03	4.24	1.38	0.96	0.00	
6	0.00	0.18	0.00	7.16	10.90	1.14	12.00	2.92	5.42	0.42	0.96	0.00	
7	0.00	0.18	0.12	10.17	13.84	1.38	0.78	2.61	6.68	0.30	0.96	0.00	
8	0.00	0.42	0.06	10.17	16.04	1.26	0.66	2.34	8.00	3.14	0.96	0.00	
9	0.00	0.24	0.48	9.40	17.88	1.14	0.54	2.16	8.00	5.03	0.96	0.00	
10	0.00	0.84	1.38	12.74	17.88	1.32	0.48	1.98	8.00	5.03	0.90	2.70	
11	0.00	0.30	1.38	12.74	17.88	1.56	1.50	1.80	7.80	6.20	2.25	4.35	
12	3.80	0.72	1.14	15.68	17.88	1.32	28.53	1.80	7.80	8.40	3.58	4.24	
13	2.43	0.72	0.90	6.68	17.51	1.08	47.63	1.89	7.80	8.20	3.58	4.35	
14	2.34	0.60	0.72	0.18	1.02	1.08	92.20	1.98	7.64	7.48	5.29	5.03	
15	2.43	1.08	1.38	0.12	0.84	1.50	89.56	2.70	5.29	7.48	5.29	4.79	
16	2.43	0.60	0.54	0.48	17.15	1.38	64.99	2.52	0.72	7.16	5.29	4.79	
17	2.43	0.48	0.18	0.78	16.78	5.55	37.35	2.43	0.54	7.16	0.96	4.68	
18	0.00	0.54	0.96	0.66	2.92	9.80	22.66	2.07	0.42	7.16	0.96	4.24	
19	0.00	0.36	0.78	0.60	0.66	11.27	14.94	1.80	0.42	7.16	0.48	0.96	
20	0.00	0.24	0.60	0.66	0.60	9.40	9.80	1.98	0.36	7.00	0.00	0.84	
21	0.00	0.24	0.60	1.08	0.60	44.32	8.40	1.80	0.36	1.08	0.00	0.84	
22	0.00	0.12	0.36	0.78	11.64	28.16	8.00	1.74	0.36	0.96	0.00	0.84	
23	0.00	0.12	0.06	0.54	11.27	17.15	8.00	1.68	0.36	0.96	0.00	0.78	
24	0.00	0.06	0.66	1.50	11.64	13.11	8.00	1.62	0.36	0.96	0.00	0.78	
25	0.00	0.00	0.42	0.84	11.64	10.90	7.32	1.50	0.36	0.96	0.00	0.78	
26	0.24	0.00	0.24	0.60	11.27	8.80	5.68	1.44	0.30	0.96	0.00	0.84	
27	0.00	0.00	0.18	0.42	11.27	7.32	5.42	1.44	0.30	0.96	0.00	0.78	
28	0.00	0.00	0.00	0.42	11.27	6.20	4.46	1.44	0.30	1.08	0.00	0.72	
29	0.00	0.00	0.06	0.42	0.96	7.48	3.69	1.44	0.30	1.08	0.00	0.72	
30	0.00	0.00	0.00	0.60	0.90	6.36	3.47	1.38	3.58	1.08		0.72	
31		0.00		6.36	0.84		3.47		1.68	1.08		0.72	
Total	16.10	8.64	13.62	103.28	302.69	204.90	536.85	64.05	92.13	115.72	37.64	49.49	1545.11 CMSDAY
Mean	0.54	0.28	0.45	3.33	9.76	6.83	17.32	2.13	2.97	3.73	1.30	1.60	4.22 CMS
Max	3.80	1.08	1.38	15.68	17.88	44.32	92.20	3.58	8.00	8.40	5.29	5.03	92.20 CMS
Min	0.00	0.00	0.00	0.00	0.60	0.72	0.48	1.38	0.30	0.30	0.00	0.00	0.00 CMS
Runoff	1.39	0.75	1.18	8.92	26.15	17.70	46.38	5.53	7.96	10.00	3.25	4.28	133.50 MCM
Momentary Peak	116.54	CMS.	at 105.03 m. (MSL.)	at 12.00 Hours	, on Oct 14, 2007								
Runoff Yield	18.65	Liters/Second/Square KM.		Momentary Peak Yield	513.39	Liters/Second/Square KM.							

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Khlong Bang Luang at Ban Bang Luang Dod, Phra Nakhon Si Ayutthaya (C.36)

Lat 14 - 24 - 50 N Long 100 - 26 - 37 E

Location : on right bank at Ban Bang Luang Dod.

	Ban Bang Luang Dod	Amphoe Bang Ban	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 top staff gage	Elevation	+7.500 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	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 good. Stage-discharge relation defined by 37 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.08	0.29	1.10	2.61	1.09	2.29	4.14	4.79	0.66	0.65	0.37	0.34	
2	0.09	0.29	1.05	2.78	0.90	2.44	3.95	4.63	0.49	0.52	0.43	0.37	
3	0.09	0.43	1.01	2.91	0.63	2.44	3.78	4.51	0.38	0.48	0.36	0.34	
4	0.15	0.59	1.21	2.90	0.40	2.54	3.62	4.38	0.32	0.48	0.36	0.24	
5	0.14	0.61	1.38	2.90	0.28	2.72	3.52	4.18	0.38	0.48	0.38	0.21	
6	0.17	0.66	1.59	2.84	0.28	2.94	3.56	4.00	0.40	0.53	0.39	0.20	
7	0.27	1.08	1.64	2.56	0.37	3.11	3.58	3.82	0.36	0.51	0.31	0.15	
8	0.34	1.71	1.55	2.34	0.39	3.30	3.63	3.59	0.45	0.46	0.45	0.20	
9	0.38	2.34	1.59	2.27	0.48	3.48	3.66	3.40	0.52	0.37	0.46	0.27	
10	0.38	2.66	1.59	2.30	0.52	3.53	3.72	3.14	0.50	0.30	0.50	0.31	
11	0.37	2.86	1.51	2.27	0.47	3.52	3.82	2.94	0.41	0.28	0.50	0.30	
12	0.32	3.14	1.41	2.07	0.52	3.48	3.93	2.68	0.34	0.20	0.42	0.34	
13	0.31	3.33	1.38	1.83	0.65	3.47	4.12	2.40	0.35	0.14	0.47	0.39	
14	0.28	3.57	1.12	1.57	0.98	3.54	4.42	2.13	0.39	0.13	0.46	0.32	
15	0.21	3.87	0.92	1.33	1.26	3.72	4.69	1.83	0.44	0.26	0.45	0.33	
16	0.21	4.05	0.85	1.18	1.34	3.85	5.04	1.59	0.39	0.14	0.48	0.37	
17	0.21	4.15	0.96	0.90	1.43	3.97	5.47	1.47	0.27	0.20	0.49	0.25	
18	0.20	4.35	0.98	0.82	1.47	4.08	5.73	1.35	0.21	0.40	0.46	0.15	
19	0.26	4.48	0.81	0.88	1.40	4.16	5.90	1.02	0.20	0.52	0.35	0.09	
20	0.27	4.55	0.71	0.94	1.22	4.20	6.02	0.93	0.33	0.53	0.29	0.06	
21	0.27	4.61	0.59	1.13	1.28	4.28	6.08	0.89	0.43	0.45	0.29	0.07	
22	0.35	4.56	0.75	1.24	1.47	4.42	6.13	0.77	0.37	0.44	0.26	0.07	
23	0.46	4.31	1.12	1.36	1.47	4.63	6.16	0.71	0.44	0.47	0.25	0.14	
24	0.52	3.98	1.54	1.59	1.33	4.81	6.13	0.83	0.45	0.36	0.25	0.09	
25	0.51	3.60	1.92	1.55	1.14	4.79	6.02	0.80	0.51	0.18	0.30	0.20	
26	0.27	3.23	2.08	1.47	1.08	4.74	5.88	0.76	0.76	0.20	0.28	0.26	
27	0.21	2.77	2.11	1.42	1.31	4.68	5.69	0.75	0.82	0.30	0.23	0.20	
28	0.21	2.29	2.08	1.21	1.54	4.47	5.45	0.75	0.80	0.31	0.31	0.23	
29	0.09	1.96	2.12	0.96	1.72	4.28	5.22	0.84	0.79	0.32	0.36	0.29	
30	0.16	1.68	2.39	1.00	1.95	4.26	4.99	0.81	0.72	0.20	0.20	0.16	
31		1.36		1.08	2.15		4.90		0.67	0.26		0.11	
Mean	0.26	2.69	1.37	1.75	1.05	3.74	4.80	2.22	0.47	0.36	0.38	0.23	
Max	0.52	4.61	2.39	2.91	2.15	4.81	6.16	4.79	0.82	0.65	0.50	0.39	6.16
Min	0.09	0.29	0.59	0.82	0.28	2.44	3.52	0.71	0.20	0.13	0.23	0.06	0.06
Annual Max Momentary Gage Height	6.17		m. (MSL.) ,			at 13.00 Hours ,	on Oct 23 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed -4.91	m. (MSL.)						
Left Bank Elevation		7.05	m. (MSL.) ,										
Right Bank Elevation		7.69	m. (MSL.) ,			Drainage Area	Square Kilometers						

WATER YEAR : 2007**CHAO PHRAYA RIVER BASIN****Khlong Bang Ban at Ban Bang Ban, Phra Nakhon Si Ayutthaya (C.37)**

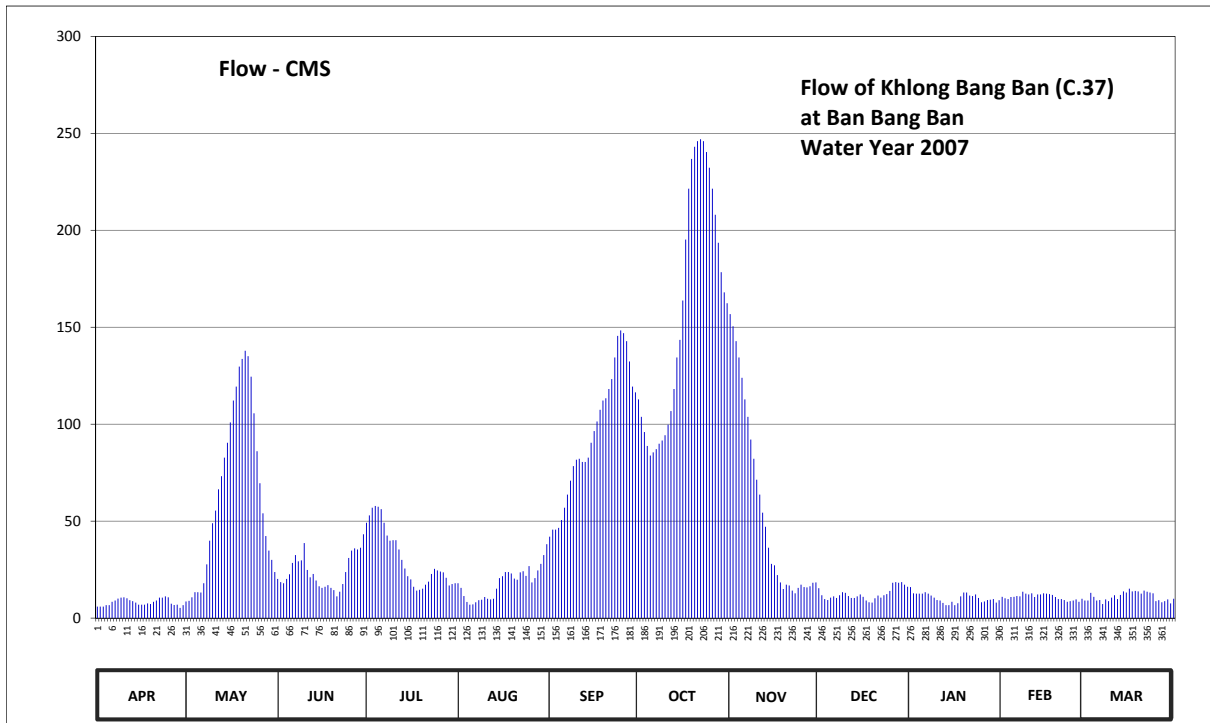
Lat 14 - 21 - 28 N Long 100 - 29 - 03 E

Location : on left bank at the bridge.

	Ban	Bang Ban	Amphoe	Bang Ban	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 left bank near the top staff gage			Elevation	+7.703 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	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 good. Stage-discharge relation defined by 34 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	0.24	0.86	1.99	0.75	1.75	3.28	3.94	0.62	0.65	0.40	0.27	
2	0.06	0.26	0.78	2.10	0.63	1.87	3.13	3.85	0.44	0.49	0.35	0.27	
3	0.06	0.38	0.75	2.21	0.42	1.87	2.99	3.74	0.32	0.48	0.32	0.50	
4	0.11	0.52	0.86	2.23	0.22	1.90	2.86	3.62	0.29	0.48	0.39	0.40	
5	0.11	0.52	0.98	2.22	0.13	2.03	2.77	3.46	0.37	0.48	0.40	0.27	
6	0.23	0.51	1.26	2.19	0.14	2.21	2.80	3.28	0.41	0.52	0.42	0.29	
7	0.27	0.75	1.42	1.99	0.21	2.36	2.83	3.13	0.36	0.48	0.41	0.15	
8	0.34	1.23	1.29	1.77	0.28	2.52	2.88	2.92	0.44	0.43	0.53	0.31	
9	0.37	1.68	1.31	1.68	0.30	2.67	2.91	2.74	0.52	0.37	0.48	0.25	
10	0.38	1.98	1.64	1.69	0.39	2.73	2.96	2.53	0.50	0.29	0.46	0.37	
11	0.35	2.17	1.09	1.69	0.33	2.74	3.06	2.36	0.42	0.27	0.49	0.44	
12	0.28	2.42	0.90	1.53	0.31	2.71	3.18	2.14	0.36	0.19	0.39	0.32	
13	0.25	2.57	0.99	1.32	0.33	2.71	3.37	1.92	0.36	0.11	0.46	0.45	
14	0.20	2.75	0.82	1.13	0.61	2.75	3.62	1.56	0.41	0.11	0.46	0.54	
15	0.13	2.89	0.67	0.93	0.88	2.89	3.75	1.24	0.46	0.23	0.49	0.51	
16	0.13	3.08	0.63	0.85	0.93	3.00	4.04	1.21	0.40	0.11	0.48	0.61	
17	0.13	3.27	0.66	0.66	1.04	3.09	4.44	0.96	0.27	0.18	0.47	0.54	
18	0.17	3.39	0.70	0.56	1.04	3.19	4.75	0.77	0.21	0.41	0.45	0.55	
19	0.15	3.55	0.63	0.58	1.00	3.27	4.92	0.60	0.20	0.51	0.39	0.54	
20	0.23	3.61	0.57	0.61	0.87	3.29	4.99	0.71	0.35	0.51	0.32	0.48	
21	0.27	3.67	0.41	0.71	0.84	3.37	5.02	0.69	0.43	0.43	0.32	0.56	
22	0.37	3.63	0.53	0.79	1.03	3.45	5.03	0.56	0.37	0.42	0.29	0.53	
23	0.37	3.47	0.73	0.99	1.06	3.62	5.02	0.49	0.44	0.46	0.23	0.51	
24	0.41	3.16	1.04	1.12	0.94	3.78	4.96	0.63	0.47	0.36	0.25	0.49	
25	0.38	2.81	1.36	1.08	1.19	3.82	4.87	0.71	0.55	0.21	0.27	0.25	
26	0.16	2.49	1.51	1.05	0.77	3.80	4.75	0.65	0.76	0.24	0.31	0.28	
27	0.12	2.13	1.55	1.03	0.88	3.74	4.60	0.64	0.78	0.29	0.23	0.21	
28	0.13	1.76	1.53	0.89	1.08	3.59	4.42	0.67	0.76	0.30	0.33	0.25	
29	0.02	1.51	1.56	0.69	1.24	3.39	4.23	0.76	0.78	0.32	0.40	0.31	
30	0.11	1.32	1.79	0.73	1.42	3.34	4.10	0.77	0.71	0.20	0.20	0.17	
31		1.04		0.75	1.62		4.02		0.66	0.28		0.33	
Mean	0.21	2.09	1.03	1.28	0.74	2.91	3.89	1.78	0.47	0.35	0.39	0.39	
Max	0.41	3.67	1.79	2.23	1.62	3.82	5.03	3.94	0.78	0.65	0.53	0.61	5.03
Min	0.02	0.24	0.41	0.56	0.13	1.75	2.77	0.49	0.20	0.11	0.23	0.15	0.02
Annual Max Momentary Gage Height	5.03		m. (MSL.)										at 02.00 Hours , on Oct 22 , 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.)				-2.64		m. (MSL.)				
Left Bank Elevation	7.55		m. (MSL.)										
Right Bank Elevation	6.40		m. (MSL.)			Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.90	8.60	20.20	49.20	18.00	42.00	112.80	156.80	15.40	16.00	11.00	9.05	
2	5.90	8.90	18.60	53.00	15.60	45.60	103.80	150.50	11.80	12.80	10.25	9.05	
3	5.90	10.70	18.00	56.95	11.40	45.60	95.95	142.80	9.80	12.60	9.80	13.00	
4	6.65	13.40	20.20	57.85	8.30	46.50	88.80	134.40	9.35	12.60	10.85	11.00	
5	6.65	13.40	22.60	57.40	6.95	50.55	83.85	123.90	10.55	12.60	11.00	9.05	
6	8.45	13.20	28.50	56.15	7.10	56.95	85.50	112.80	11.20	13.40	11.40	9.35	
7	9.05	18.00	32.50	49.20	8.15	63.70	87.15	103.80	10.40	12.60	11.20	7.25	
8	10.10	27.75	29.25	42.60	9.20	70.90	89.90	92.10	11.80	11.60	13.60	9.65	
9	10.55	39.90	29.75	39.90	9.50	78.35	91.55	82.20	13.40	10.55	12.60	8.75	
10	10.70	48.90	38.70	40.20	10.85	81.65	94.30	71.35	13.00	9.35	12.20	10.55	
11	10.25	55.45	24.80	40.20	9.95	82.20	99.80	63.70	11.40	9.05	12.80	11.80	
12	9.20	66.40	21.00	35.40	9.65	80.55	106.80	54.40	10.40	7.85	10.85	9.80	
13	8.75	73.15	22.80	30.00	9.95	80.55	118.20	47.10	10.40	6.65	12.20	12.00	
14	8.00	82.75	19.40	25.60	15.20	82.75	134.40	36.30	11.20	6.65	12.20	13.80	
15	6.95	90.45	16.40	21.60	20.60	90.45	143.50	28.00	12.20	8.45	12.80	13.20	
16	6.95	100.90	15.60	20.00	21.60	96.50	163.80	27.25	11.00	6.65	12.60	15.20	
17	6.95	112.20	16.20	16.20	23.80	101.45	195.20	22.20	9.05	7.70	12.40	13.80	
18	7.55	119.40	17.00	14.20	23.80	107.40	221.50	18.40	8.15	11.20	12.00	14.00	
19	7.25	129.75	15.60	14.60	23.00	112.20	236.80	15.00	8.00	13.20	10.85	13.80	
20	8.45	133.70	14.40	15.20	20.40	113.40	243.10	17.20	10.25	13.20	9.80	12.60	
21	9.05	137.90	11.20	17.20	19.80	118.20	246.00	16.80	11.60	11.60	9.80	14.20	
22	10.55	135.10	13.60	18.80	23.60	123.25	247.00	14.20	10.55	11.40	9.35	13.60	
23	10.55	124.55	17.60	22.80	24.20	134.40	246.00	12.80	11.80	12.20	8.45	13.20	
24	11.20	105.60	23.80	25.40	21.80	145.60	240.40	15.60	12.40	10.40	8.75	12.80	
25	10.70	86.05	31.00	24.60	26.80	148.40	232.30	17.20	14.00	8.15	9.05	8.75	
26	7.40	69.55	34.80	24.00	18.40	147.00	221.50	16.00	18.20	8.60	9.65	9.20	
27	6.80	54.05	36.00	23.60	20.60	142.80	208.00	15.80	18.60	9.35	8.45	8.15	
28	6.95	42.30	35.40	20.80	24.60	132.35	193.60	16.40	18.20	9.50	9.95	8.75	
29	5.30	34.80	36.30	16.80	28.00	119.40	178.40	18.20	18.60	9.80	11.00	9.65	
30	6.65	30.00	43.20	17.60	32.50	116.40	168.00	18.40	17.20	8.00		7.55	
31		23.80		18.00	38.10		162.40		16.20	9.20		9.95	
Total	245.30	2010.60	724.40	965.05	561.40	2857.05	4940.30	1661.60	386.10	322.90	316.85	342.50	15334.05 CMSDAY
Mean	8.18	64.86	24.15	31.13	18.11	95.24	159.36	55.39	12.45	10.42	10.93	11.05	41.90 CMS
Max	11.20	137.90	43.20	57.85	38.10	148.40	247.00	156.80	18.60	16.00	13.60	15.20	247.00 CMS
Min	5.30	8.60	11.20	14.20	6.95	42.00	83.85	12.80	8.00	6.65	8.45	7.25	5.30 CMS
Runoff	21.19	173.72	62.59	83.38	48.50	246.85	426.84	143.56	33.36	27.90	27.38	29.59	1324.86 MCM
Momentary Peak	247.00	CMS.	at 5.03 m. (MSL.)				at 02.00 Hours ,						on Oct 22 , 2007
Runoff Yield	*****	Liters/Second/Square KM.				Momentary Peak Yield	*****	Liters/Second/Square KM.					

WATER YEAR : 2007

CHAO PHRAYA RIVER BASIN

Chao Phraya River at Ban In Buri, Sing Buri (C.44)

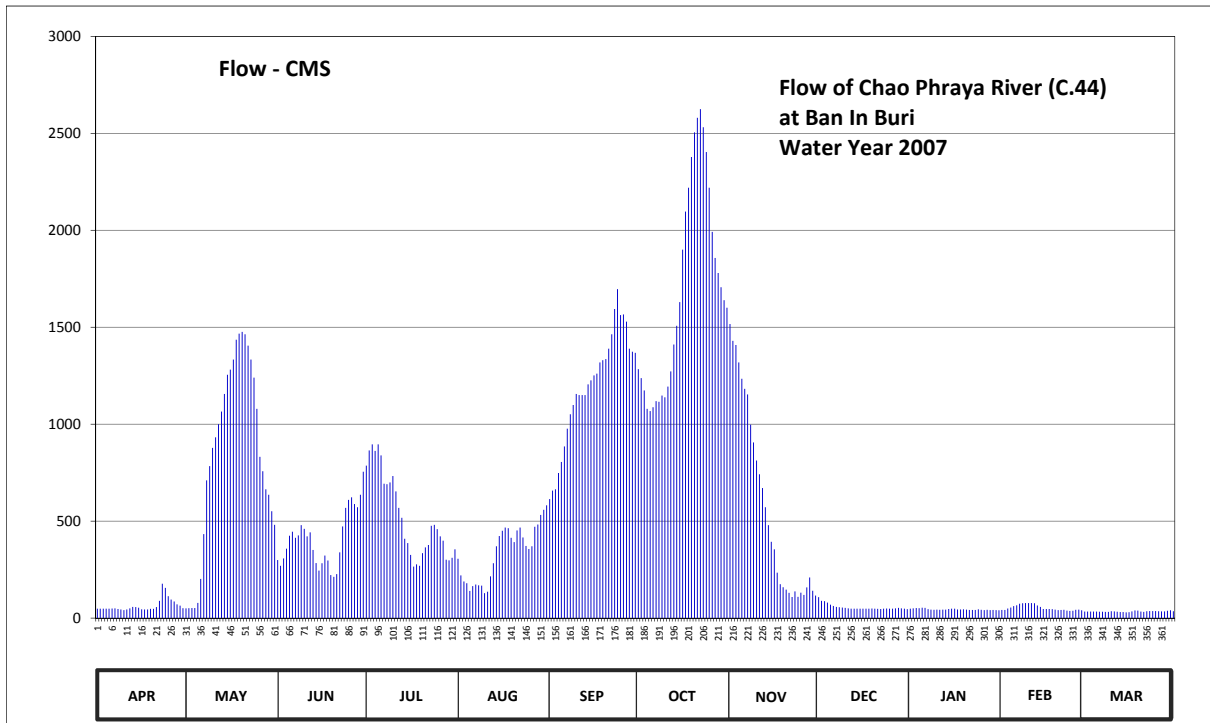
Lat 15 - 00 - 18 N Long 100 - 19 - 48 E

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	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	+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 +12.990 m.(MSL.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 30 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.23	4.25	6.46	9.06	6.51	8.29	10.90	11.67	4.88	4.23	4.15	4.05	
2	4.23	4.26	6.25	9.38	5.87	8.49	10.74	11.39	4.69	4.25	4.15	4.05	
3	4.23	4.27	6.52	9.50	5.61	8.52	10.52	11.32	4.67	4.27	4.24	4.05	
4	4.23	4.27	6.85	9.37	5.53	8.90	10.19	11.02	4.59	4.26	4.30	4.05	
5	4.23	4.57	7.27	9.50	5.20	9.14	10.15	10.73	4.47	4.29	4.39	4.05	
6	4.24	5.72	7.39	9.28	5.41	9.46	10.22	10.55	4.40	4.28	4.43	4.04	
7	4.25	7.32	7.20	8.65	5.48	9.81	10.33	10.45	4.34	4.20	4.52	4.04	
8	4.21	8.73	7.28	8.64	5.44	10.09	10.32	9.89	4.32	4.17	4.55	4.03	
9	4.18	9.05	7.59	8.68	5.43	10.26	10.43	9.54	4.30	4.16	4.56	4.03	
10	4.14	9.43	7.48	8.83	5.09	10.46	10.40	9.17	4.28	4.17	4.56	4.07	
11	4.18	9.64	7.25	8.47	5.16	10.44	10.59	8.87	4.25	4.16	4.56	4.06	
12	4.25	9.90	7.37	8.06	5.83	10.44	10.86	8.55	4.23	4.17	4.55	4.04	
13	4.34	10.14	6.81	7.79	6.34	10.44	11.33	8.08	4.23	4.17	4.42	4.02	
14	4.33	10.46	6.35	7.17	6.93	10.63	11.64	7.59	4.23	4.21	4.34	4.02	
15	4.29	10.80	6.06	7.03	7.26	10.70	12.03	7.07	4.23	4.23	4.21	4.00	
16	4.19	10.89	6.34	6.64	7.42	10.79	12.87	6.83	4.23	4.23	4.21	4.01	
17	4.18	11.07	6.62	6.22	7.52	10.82	13.42	5.98	4.23	4.18	4.21	4.06	
18	4.18	11.41	6.44	6.30	7.50	11.02	13.70	5.49	4.23	4.18	4.20	4.12	
19	4.22	11.51	5.88	6.25	7.20	11.06	13.98	5.36	4.24	4.19	4.17	4.11	
20	4.22	11.54	5.81	6.70	7.06	11.08	14.15	5.26	4.23	4.17	4.14	4.05	
21	4.33	11.50	5.92	6.89	7.43	11.26	14.22	5.10	4.22	4.15	4.15	4.03	
22	4.69	11.31	6.73	6.97	7.52	11.50	14.25	4.89	4.21	4.15	4.16	4.07	
23	5.51	11.07	7.55	7.57	7.21	11.92	14.18	5.18	4.23	4.15	4.11	4.08	
24	5.33	10.75	8.06	7.60	6.94	12.24	14.02	4.90	4.24	4.19	4.09	4.08	
25	4.93	10.19	8.27	7.47	6.84	11.82	13.70	5.11	4.23	4.16	4.10	4.08	
26	4.76	9.25	8.33	7.25	6.93	11.83	13.14	5.00	4.23	4.14	4.16	4.07	
27	4.65	8.94	8.16	7.11	7.54	11.71	12.74	5.35	4.25	4.16	4.17	4.06	
28	4.49	8.52	8.08	6.47	7.61	11.26	12.50	5.78	4.28	4.14	4.13	4.06	
29	4.41	8.39	8.39	6.45	7.87	11.21	12.27	5.21	4.25	4.15	4.09	4.10	
30	4.26	7.97	8.93	6.54	8.01	11.19	12.06	4.96	4.23	4.14	4.14	4.13	
31		7.60		6.83	8.13		11.94		4.20	4.13		4.07	
Mean	4.40	8.86	7.12	7.70	6.64	10.56	12.06	7.54	4.32	4.19	4.28	4.06	
Max	5.51	11.54	8.93	9.50	8.13	12.24	14.25	11.67	4.88	4.29	4.56	4.13	14.25
Min	4.14	4.25	5.81	6.22	5.09	8.29	10.15	4.89	4.20	4.13	4.09	4.00	4.00
Annual Max Momentary Gage Height	14.25	m. (MSL.) ,		at 06.00 Hours , on Oct 22 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (MSL.) ,		River Bed 2.51 m. (MSL.)									
Left Bank Elevation	12.99	m. (MSL.) ,											
Right Bank Elevation	13.59	m. (MSL.) ,		Drainage Are 118,510 Square Kilometers									



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	48.40	50.00	299.40	786.40	306.50	614.00	1284.00	1516.70	108.00	48.40	42.00	34.00		
2	48.40	50.80	270.00	864.80	220.40	657.80	1237.60	1429.90	89.10	50.00	42.00	34.00		
3	48.40	51.60	308.00	896.00	189.20	664.40	1173.80	1408.20	87.30	51.60	49.20	34.00		
4	48.40	51.60	358.00	862.20	179.60	748.00	1079.20	1318.80	80.10	50.80	54.00	34.00		
5	48.40	78.30	425.20	896.00	140.00	805.60	1068.00	1234.70	69.30	53.20	62.10	34.00		
6	49.20	202.40	445.30	839.20	165.20	885.60	1087.60	1182.50	63.00	52.40	65.70	33.20		
7	50.00	433.40	414.00	693.00	173.60	976.60	1118.70	1153.50	57.60	46.00	73.80	33.20		
8	46.80	710.60	426.80	690.80	168.80	1051.20	1115.80	997.40	55.80	43.60	76.50	32.40		
9	44.40	784.00	479.30	699.60	167.60	1098.80	1147.70	906.40	54.00	42.80	77.40	32.40		
10	41.20	877.80	460.60	732.60	129.00	1156.40	1139.00	812.80	52.40	43.60	77.40	35.60		
11	44.40	932.40	422.00	653.40	136.00	1150.60	1194.10	741.40	50.00	42.80	77.40	34.80		
12	50.00	1000.00	441.90	568.40	215.60	1150.60	1272.40	671.00	48.40	43.60	76.50	33.20		
13	57.60	1065.20	351.60	517.10	282.60	1150.60	1411.30	572.20	48.40	43.60	64.80	31.60		
14	56.70	1156.40	284.00	409.20	370.80	1205.70	1507.40	479.30	48.40	46.80	57.60	31.60		
15	53.20	1255.00	244.80	386.80	423.60	1226.00	1629.60	393.20	48.40	48.40	46.80	30.00		
16	45.20	1281.10	282.60	326.00	450.40	1252.10	1900.10	354.80	48.40	48.40	46.80	30.80		
17	44.40	1333.30	323.00	265.80	467.40	1260.80	2096.40	234.40	48.40	44.40	46.80	34.80		
18	44.40	1436.10	296.60	277.00	464.00	1318.80	2220.00	174.80	48.40	44.40	46.00	39.60		
19	47.60	1467.10	221.60	270.00	414.00	1330.40	2378.00	159.20	49.20	45.20	43.60	38.80		
20	47.60	1476.40	213.20	335.00	391.60	1336.20	2505.00	147.20	48.40	43.60	41.20	34.00		
21	56.70	1464.00	226.60	364.40	452.10	1389.60	2580.00	130.00	47.60	42.00	42.00	32.40		
22	89.10	1405.10	339.50	377.20	467.40	1464.00	2625.00	109.00	46.80	42.00	42.80	35.60		
23	177.20	1333.30	472.50	475.90	415.60	1594.40	2532.00	138.00	48.40	42.00	38.80	36.40		
24	155.60	1240.50	568.40	481.00	372.40	1696.80	2404.00	110.00	49.20	45.20	37.20	36.40		
25	113.00	1079.20	610.00	458.90	356.40	1563.20	2220.00	131.00	48.40	42.80	38.00	36.40		
26	96.00	832.00	622.60	422.00	370.80	1566.30	1991.60	120.00	48.40	41.20	42.80	35.60		
27	85.50	757.60	588.00	399.60	470.80	1529.10	1857.20	158.00	50.00	42.80	43.60	34.80		
28	71.10	664.40	572.20	300.80	482.90	1389.60	1780.00	209.60	52.40	41.20	40.40	34.80		
29	63.90	635.80	635.80	298.00	532.30	1374.10	1706.40	141.20	50.00	42.00	37.20	38.00		
30	50.80	551.30	755.20	311.00	558.90	1368.10	1639.20	116.00	48.40	41.20	40.40	40.40		
31		481.00		354.80	582.00		1600.80		46.00	40.40		35.60		
Total	1923.60	26137.70	12358.70	16212.90	10517.50	35975.40	52501.90	17251.20	1738.60	1396.40	1530.40	1072.40	178616.70	CMSDAY
Mean	64.12	843.15	411.96	523.00	339.27	1199.18	1693.61	575.04	56.08	45.05	52.77	34.59	488.02	CMS
Max	177.20	1476.40	755.20	896.00	582.00	1696.80	2625.00	1516.70	108.00	53.20	77.40	40.40	2625.00	CMS
Min	41.20	50.00	213.20	265.80	129.00	614.00	1068.00	109.00	46.00	40.40	37.20	30.00	30.00	CMS
Runoff	166.2	2258.30	1067.79	1400.79	908.71	3108.27	4536.16	1490.50	150.22	120.65	132.23	92.66	15432.48	MCM
Momentary Peak		2625.00	CMS.	at 14.25 m. (MSL.)	at 06.00 Hours	, on Oct 22	, 2007							
Runoff Yield		4.13	Liters/Second/Square KM.		Momentary Peak Yield	22.15	Liters/Second/Square KM.							

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban San Chao Kai To, Nakhon Sawan (Ct.4)

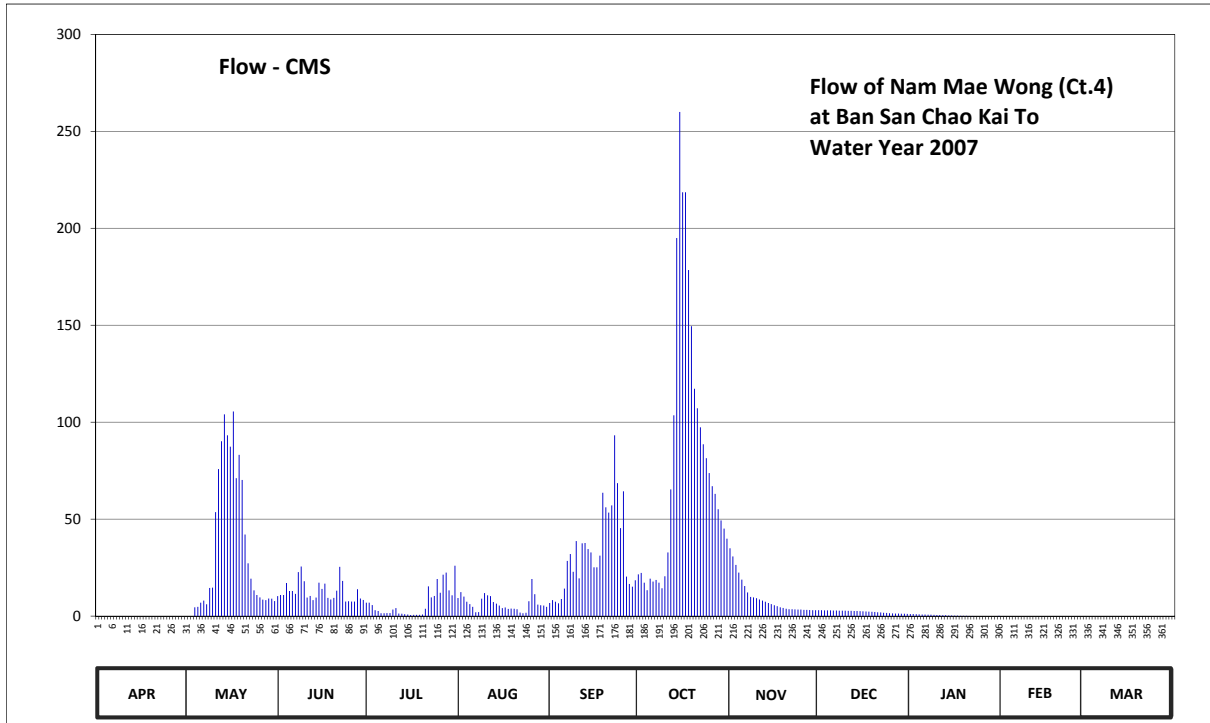
Lat 15 - 47 - 01 N Long 99 - 40 - 55 E

Location : on left bank at Ban San Chao Kai To.

	Ban	San Chao Kai To	Amphoe	Lat Yao	Changwat	Nakhon Sawan
Drainage Area	1,386	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+65.880	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On left bank at the bridge.				Elevation	+72.250 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. Stage-discharge relation defined by 18 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.52	65.52	67.19	66.91	67.11	66.90	67.88	68.54	66.53	66.24	65.52	65.52	
2	65.52	65.52	67.23	66.91	67.33	67.02	67.92	68.34	66.53	66.23	65.52	65.52	
3	65.52	65.52	67.23	66.81	67.17	66.95	67.64	68.13	66.52	66.22	65.52	65.52	
4	65.52	66.69	67.63	66.53	66.95	66.88	67.40	67.93	66.52	66.20	65.52	65.52	
5	65.52	66.72	67.37	66.48	66.85	67.07	67.76	67.73	66.52	66.19	65.52	65.52	
6	65.52	66.91	67.37	66.31	66.72	67.45	67.67	67.53	66.51	66.18	65.52	65.52	
7	65.52	67.00	67.27	66.31	66.40	68.23	67.72	67.32	66.51	66.17	65.52	65.52	
8	65.52	66.84	67.94	66.33	66.41	68.40	67.64	67.16	66.50	66.16	65.52	65.52	
9	65.52	67.47	68.09	66.33	67.08	67.95	67.46	67.14	66.50	66.15	65.52	65.52	
10	65.52	67.48	67.68	66.56	67.30	68.70	67.83	67.10	66.50	66.14	65.52	65.52	
11	65.52	69.30	67.13	66.65	67.22	67.77	68.44	67.05	66.49	66.13	65.52	65.52	
12	65.52	70.07	67.20	66.29	67.19	68.65	69.68	67.00	66.49	66.12	65.52	65.52	
13	65.52	70.47	67.02	66.27	66.94	68.66	70.76	66.95	66.48	66.11	65.52	65.52	
14	65.52	70.77	67.13	66.21	66.87	68.52	71.64	66.90	66.48	66.09	65.52	65.52	
15	65.52	70.54	67.64	66.18	66.78	68.44	71.86	66.85	66.47	66.08	65.52	65.52	
16	65.52	70.40	67.44	66.13	66.65	68.07	71.74	66.80	66.46	66.07	65.52	65.52	
17	65.52	70.80	67.61	66.15	66.68	68.07	71.74	66.75	66.45	66.06	65.52	65.52	
18	65.52	69.93	67.12	66.15	66.60	68.36	71.55	66.69	66.44	66.05	65.52	65.52	
19	65.52	70.28	67.05	66.15	66.62	69.59	71.35	66.66	66.43	66.04	65.52	65.52	
20	65.52	69.90	67.12	66.18	66.61	69.40	71.01	66.61	66.42	66.03	65.52	65.52	
21	65.52	68.84	67.38	66.61	66.58	69.29	70.83	66.58	66.40	66.02	65.52	65.52	
22	65.52	68.17	68.08	67.52	66.37	69.44	70.63	66.58	66.38	66.01	65.52	65.52	
23	65.52	67.76	67.69	67.14	66.32	70.54	70.43	66.57	66.36	66.00	65.52	65.52	
24	65.52	67.39	66.96	67.20	66.35	69.85	70.23	66.56	66.34	65.99	65.52	65.52	
25	65.52	67.23	66.97	67.75	66.97	68.97	70.01	66.56	66.32	65.98	65.52	65.52	
26	65.52	67.14	66.96	67.31	67.75	69.61	69.80	66.55	66.30	65.97	65.52	65.52	
27	65.52	67.04	66.96	67.87	67.26	67.82	69.58	66.55	66.29	65.96	65.52	65.52	
28	65.52	67.02	67.43	67.93	66.83	67.60	69.36	66.54	66.28	65.95	65.52	65.52	
29	65.52	67.09	67.09	67.39	66.80	67.51	69.13	66.53	66.27	65.94	65.52	65.52	
30	65.52	67.08	67.03	67.22	66.78	67.71	68.96	66.53	66.26	65.99	65.52	65.52	
31		66.98		68.11	66.72		68.75		66.25	66.04		65.52	
Mean	65.52	68.06	67.33	66.77	66.85	68.31	69.50	67.02	66.43	66.08	65.52	65.52	
Max	65.52	70.80	68.09	68.11	67.75	70.54	71.86	68.54	66.53	66.24	65.52	65.52	71.86
Min	65.52	65.52	66.96	66.13	66.32	66.88	67.40	66.53	66.25	65.94	65.52	65.52	65.52
Annual Max Momentary Gage Height	71.88	m. (MSL.) ,		at 12.00 Hours , on Oct 15 , 2007									
Zero Gage at Bottom Elevation	65.88	m. (MSL.) ,		River Bed 65.52 m. (MSL.)									
Left Bank Elevation	72.18	m. (MSL.) ,											
Right Bank Elevation	72.20	m. (MSL.) ,		Drainage Are		1,386	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	10.28	6.92	9.32	6.80	21.52	34.98	3.07	1.10	0.00	0.00	
2	0.00	0.00	10.85	6.92	12.35	8.24	22.28	30.74	3.07	1.05	0.00	0.00	
3	0.00	0.00	10.85	5.72	10.04	7.40	17.28	26.40	2.98	1.00	0.00	0.00	
4	0.00	4.51	17.11	3.07	7.40	6.56	13.40	22.47	2.98	0.90	0.00	0.00	
5	0.00	4.80	12.95	2.64	6.20	8.84	19.32	18.81	2.98	0.85	0.00	0.00	
6	0.00	6.92	12.95	1.46	4.80	14.20	17.79	15.48	2.89	0.80	0.00	0.00	
7	0.00	8.00	11.45	1.46	2.00	28.43	18.64	12.20	2.89	0.75	0.00	0.00	
8	0.00	6.08	22.66	1.58	2.08	32.00	17.28	9.92	2.80	0.70	0.00	0.00	
9	0.00	14.52	25.60	1.58	8.96	22.85	14.36	9.68	2.80	0.65	0.00	0.00	
10	0.00	14.68	17.96	3.34	11.90	38.70	20.57	9.20	2.80	0.60	0.00	0.00	
11	0.00	53.60	9.56	4.15	10.70	19.49	32.84	8.60	2.72	0.55	0.00	0.00	
12	0.00	75.85	10.40	1.35	10.28	37.50	65.32	8.00	2.72	0.50	0.00	0.00	
13	0.00	90.20	8.24	1.25	7.28	37.74	103.54	7.40	2.64	0.45	0.00	0.00	
14	0.00	104.03	9.56	0.95	6.44	34.54	195.00	6.80	2.64	0.36	0.00	0.00	
15	0.00	93.24	17.28	0.80	5.40	32.84	260.00	6.20	2.56	0.32	0.00	0.00	
16	0.00	87.40	14.04	0.55	4.15	25.20	218.60	5.60	2.48	0.28	0.00	0.00	
17	0.00	105.50	16.77	0.65	4.42	25.20	218.60	5.10	2.40	0.24	0.00	0.00	
18	0.00	71.16	9.44	0.65	3.70	31.16	178.50	4.51	2.32	0.20	0.00	0.00	
19	0.00	83.20	8.60	0.65	3.88	63.64	149.50	4.24	2.24	0.16	0.00	0.00	
20	0.00	70.20	9.44	0.80	3.79	56.10	117.25	3.79	2.16	0.12	0.00	0.00	
21	0.00	42.10	13.10	3.79	3.52	53.35	107.15	3.52	2.00	0.08	0.00	0.00	
22	0.00	27.20	25.40	15.32	1.82	57.10	97.38	3.52	1.88	0.04	0.00	0.00	
23	0.00	19.32	18.13	9.68	1.52	93.24	88.60	3.43	1.76	0.00	0.00	0.00	
24	0.00	13.25	7.52	10.40	1.70	68.60	81.45	3.34	1.64	0.00	0.00	0.00	
25	0.00	10.85	7.64	19.15	7.64	45.35	73.75	3.34	1.52	0.00	0.00	0.00	
26	0.00	9.68	7.52	12.05	19.15	64.34	67.00	3.25	1.40	0.00	0.00	0.00	
27	0.00	8.48	7.52	21.33	11.30	20.38	63.08	3.25	1.35	0.00	0.00	0.00	
28	0.00	8.24	13.88	22.47	5.96	16.60	55.10	3.16	1.30	0.00	0.00	0.00	
29	0.00	9.08	9.08	13.25	5.60	15.16	49.35	3.07	1.25	0.00	0.00	0.00	
30	0.00	8.96	8.36	10.70	5.40	18.47	45.10	3.07	1.20	0.00	0.00	0.00	
31	0.00	7.76		26.00	4.80		39.90		1.15	0.16		0.00	
Total	0.00	1058.81	384.14	210.63	203.50	990.02	2489.45	283.07	70.59	11.86	0.00	0.00	5702.07 CMSDAY
Mean	0.00	34.16	12.80	6.79	6.56	33.00	80.30	9.44	2.28	0.38	0.00	0.00	15.58 CMS
Max	0.00	105.50	25.60	26.00	19.15	93.24	260.00	34.98	3.07	1.10	0.00	0.00	260.00 CMS
Min	0.00	0.00	7.52	0.55	1.52	6.56	13.40	3.07	1.15	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	91.48	33.19	18.20	17.58	85.54	215.09	24.46	6.10	1.02	0.00	0.00	492.66 MCM
Momentary Peak	268.00 CMS. at 71.88 m. (MSL.) at 12.00 Hours , on Oct 15, 2007												
Runoff Yield	11.27 Liters/Second/Square KM.			Momentary Peak Yield			193.36 Liters/Second/Square KM.						

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban Pang Makha, Kamphaeng Phet (Ct.5A)

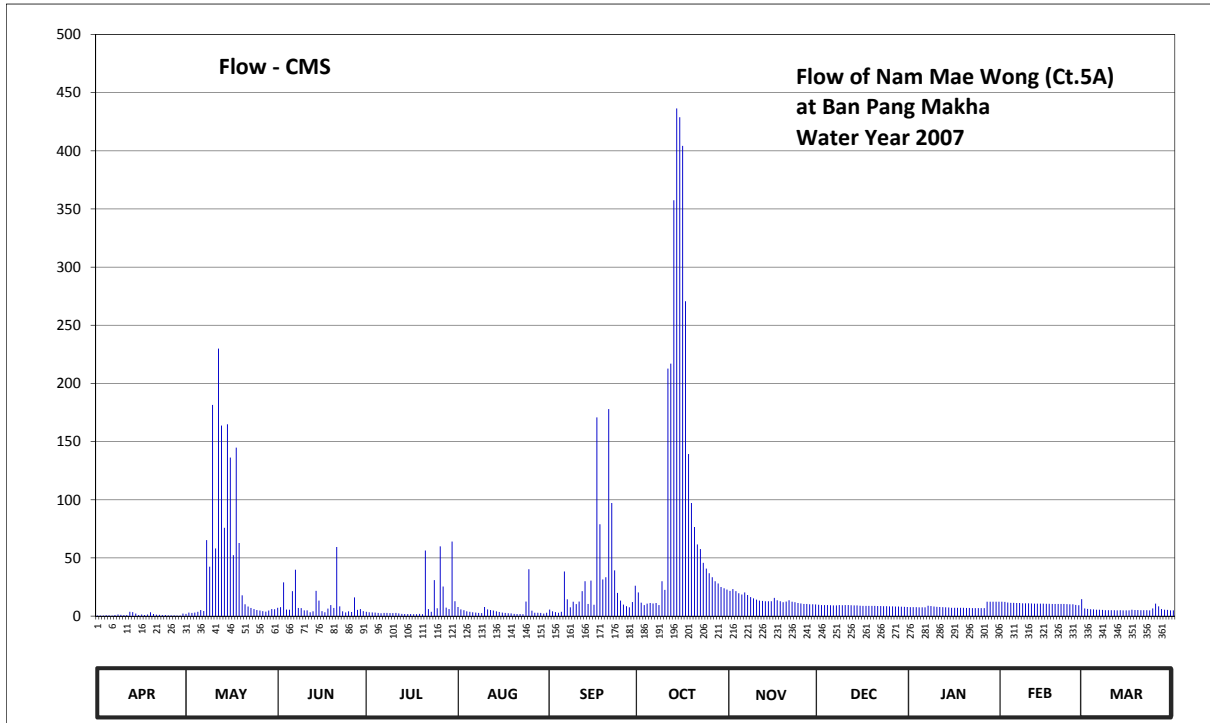
Lat 15 - 55 - 33 N Long 99 - 30 - 22 E

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 36 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	102.66	102.81	103.32	103.01	103.38	103.19	103.94	103.98	103.54	103.37	103.86	103.45	
2	102.66	102.94	103.37	102.96	103.20	103.05	103.65	104.02	103.52	103.37	103.85	103.39	
3	102.66	102.91	104.16	102.95	103.15	102.98	103.52	103.97	103.52	103.37	103.81	103.36	
4	102.69	102.94	103.19	102.94	103.06	102.92	103.61	103.92	103.51	103.36	103.79	103.35	
5	102.68	103.01	103.18	102.91	103.01	103.01	103.64	103.89	103.50	103.36	103.79	103.31	
6	102.66	103.16	103.97	102.88	102.97	104.35	103.62	103.94	103.49	103.36	103.78	103.30	
7	102.71	103.09	104.38	102.91	102.93	103.77	103.64	103.88	103.49	103.47	103.78	103.28	
8	102.75	104.83	103.31	102.90	102.91	103.36	103.51	103.83	103.51	103.45	103.77	103.26	
9	102.72	104.43	103.30	102.89	102.89	103.69	104.18	103.80	103.50	103.41	103.77	103.26	
10	102.71	106.08	103.14	102.89	103.38	103.58	104.00	103.76	103.51	103.39	103.77	103.25	
11	102.70	104.71	103.14	102.90	103.20	103.70	106.32	103.73	103.51	103.38	103.76	103.25	
12	103.01	106.44	102.96	102.86	103.16	103.97	106.35	103.72	103.50	103.37	103.75	103.24	
13	102.98	105.93	103.06	102.82	103.12	104.18	107.23	103.71	103.49	103.35	103.75	103.25	
14	102.84	104.99	103.98	102.80	103.06	103.59	107.66	103.71	103.49	103.34	103.75	103.24	
15	102.71	105.94	103.73	102.80	102.99	104.19	107.62	103.71	103.47	103.32	103.75	103.24	
16	102.75	105.68	103.07	102.79	102.93	103.54	107.49	103.81	103.46	103.32	103.74	103.23	
17	102.71	104.61	102.96	102.78	102.90	105.99	106.71	103.74	103.46	103.32	103.74	103.31	
18	102.75	105.76	103.26	102.78	102.88	105.03	105.71	103.71	103.46	103.32	103.73	103.27	
19	102.97	104.79	103.52	102.82	102.86	104.21	105.26	103.67	103.46	103.32	103.73	103.27	
20	102.79	103.87	103.31	102.78	102.81	104.25	105.00	103.70	103.46	103.31	103.73	103.25	
21	102.74	103.57	104.73	104.68	102.79	106.05	104.77	103.74	103.45	103.31	103.73	103.25	
22	102.72	103.41	103.42	103.23	102.79	105.26	104.70	103.69	103.45	103.30	103.73	103.26	
23	102.70	103.31	103.06	103.01	102.78	104.37	104.49	103.67	103.44	103.30	103.72	103.23	
24	102.70	103.23	102.95	104.20	103.70	103.93	104.40	103.64	103.43	103.30	103.71	103.45	
25	102.68	103.16	103.05	103.29	104.39	103.73	104.32	103.62	103.42	103.30	103.71	103.75	
26	102.67	103.13	102.99	104.74	103.11	103.55	104.25	103.60	103.42	103.30	103.67	103.59	
27	102.67	103.07	103.82	104.08	102.92	103.43	104.18	103.59	103.41	103.86	103.66	103.37	
28	102.66	103.02	103.17	103.33	102.92	103.36	104.14	103.57	103.41	103.86	103.95	103.31	
29	102.66	103.13	103.23	103.23	102.90	103.68	104.07	103.57	103.40	103.86	103.69	103.28	
30	102.85	103.23	103.08	104.81	102.84	104.10	104.04	103.56	103.39	103.86		103.24	
31		103.22		103.71	102.92		104.01		103.38	103.86		103.24	
Mean	102.74	104.01	103.39	103.22	103.06	103.93	104.84	103.75	103.47	103.43	103.76	103.31	
Max	103.01	106.44	104.73	104.81	104.39	106.05	107.66	104.02	103.54	103.86	103.95	103.75	107.66
Min	102.66	102.81	102.95	102.78	102.78	102.92	103.51	103.56	103.38	103.30	103.66	103.23	102.66
Annual Max Momentary Gage Height	108.12		m. (MSL.) ,				at 21.00 Hours ,						
Zero Gage at Bottom Elevation	102.48		m. (MSL.) ,			River Bed	102.55		m. (MSL.)				
Left Bank Elevation		107.69		m. (MSL.) ,									
Right Bank Elevation		108.01		m. (MSL.) ,		Drainage Are	977		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.54	1.89	7.14	3.69	7.86	5.58	20.34	21.78	9.78	7.74	12.40	6.61		
2	0.54	3.06	7.74	3.24	5.70	4.05	11.50	23.22	9.54	7.74	12.25	6.14		
3	0.54	2.79	29.04	3.15	5.10	3.42	9.54	21.42	9.54	7.74	11.65	5.91		
4	0.81	3.06	5.58	3.06	4.14	2.88	10.70	19.62	9.42	7.62	11.35	5.83		
5	0.72	3.69	5.46	2.79	3.69	3.69	11.30	18.54	9.30	7.62	11.35	5.52		
6	0.54	5.22	21.42	2.52	3.33	38.35	10.90	20.34	9.18	7.62	11.20	5.44		
7	0.99	4.41	39.82	2.79	2.97	14.46	11.30	18.18	9.18	8.94	11.20	5.29		
8	1.35	65.38	7.02	2.70	2.79	7.62	9.42	16.38	9.42	8.70	11.05	5.13		
9	1.08	42.45	6.90	2.61	2.61	12.30	30.02	15.30	9.30	8.22	11.05	5.13		
10	0.99	181.60	4.98	2.61	7.86	10.26	22.50	14.18	9.42	7.98	11.05	5.06		
11	0.90	58.18	4.98	2.70	5.70	12.50	212.80	13.34	9.42	7.86	10.90	5.06		
12	3.69	230.00	3.24	2.34	5.22	21.42	217.00	13.06	9.30	7.74	10.75	4.98		
13	3.42	163.74	4.14	1.98	4.74	30.02	357.40	12.78	9.18	7.50	10.75	5.06		
14	2.16	75.94	21.78	1.80	4.14	10.38	436.40	12.78	9.18	7.38	10.75	4.98		
15	0.99	164.92	13.34	1.80	3.51	30.51	428.80	12.78	8.94	7.14	10.75	4.98		
16	1.35	136.22	4.23	1.71	2.97	9.78	404.20	15.66	8.82	7.14	10.60	4.90		
17	0.99	52.38	3.24	1.62	2.70	170.82	270.60	13.62	8.82	7.14	10.60	5.52		
18	1.35	144.80	6.42	1.62	2.52	78.91	139.30	12.78	8.82	7.14	10.45	5.21		
19	3.33	62.82	9.54	1.98	2.34	31.49	97.28	11.90	8.82	7.14	10.45	5.21		
20	1.71	17.82	7.02	1.62	1.89	33.45	76.60	12.50	8.82	7.02	10.45	5.06		
21	1.26	10.14	59.34	56.44	1.71	178.00	61.66	13.62	8.70	7.02	10.45	5.06		
22	1.08	8.22	8.34	6.06	1.71	97.28	57.60	12.30	8.70	6.90	10.45	5.13		
23	0.90	7.02	4.14	3.69	1.62	39.33	45.75	11.90	8.58	6.90	10.30	4.90		
24	0.90	6.06	3.15	31.00	12.50	19.98	40.80	11.30	8.46	6.90	10.15	6.61		
25	0.72	5.22	4.05	6.78	40.31	13.34	36.88	10.90	8.34	6.90	10.15	10.75		
26	0.63	4.86	3.51	59.92	4.62	9.90	33.45	10.50	8.34	6.90	9.55	8.35		
27	0.63	4.23	16.02	25.38	2.88	8.46	30.02	10.38	8.22	12.40	9.40	5.99		
28	0.54	3.78	5.34	7.26	2.88	7.62	28.06	10.14	8.22	12.40	14.50	5.52		
29	0.54	4.86	6.06	6.06	2.70	12.10	25.02	10.14	8.10	12.40	9.85	5.29		
30	2.25	6.06	4.32	64.06	2.16	26.10	23.94	10.02	7.98	12.40		4.98		
31		5.94		12.78	2.88		22.86		7.86	12.40		4.98		
Total	37.44	1486.76	327.30	327.76	157.75	944.00	3193.94	431.36	275.70	256.64	315.80	174.58	7929.03	CMSDAY
Mean	1.25	47.96	10.91	10.57	5.09	31.47	103.03	14.38	8.89	8.28	10.89	5.63	21.66	CMS
Max	3.69	230.00	59.34	64.06	40.31	178.00	436.40	23.22	9.78	12.40	14.50	10.75	436.40	CMS
Min	0.54	1.89	3.15	1.62	1.62	2.88	9.42	10.02	7.86	6.90	9.40	4.90	0.54	CMS
Runoff	3.23	128.46	28.28	28.32	13.63	81.56	275.96	37.27	23.82	22.17	27.29	15.08	685.07	MCM
Momentary Peak	526.00	CMS.	at 108.12 m. (MSL.) at 21.00 Hours , on Oct 14, 2007											
Runoff Yield	22.23	Liters/Second/Square KM.		Momentary Peak Yield		538.38	Liters/Second/Square KM.							

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Nam Mae Wong at Ban Khao Chon Kan, Nakhon Sawan (Ct.5B)

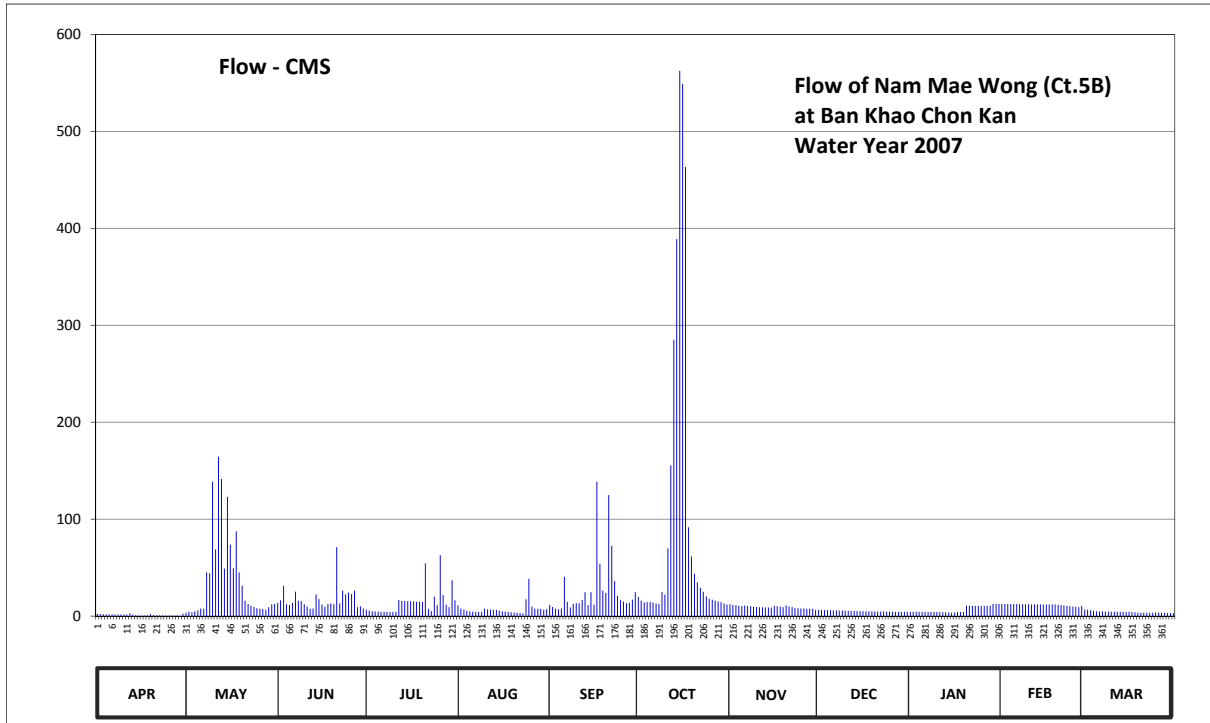
Lat 15 - 54 - 11 N Long 99 - 27 - 37 E

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 24 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	108.23	108.35	109.17	108.66	109.00	109.04	109.51	109.08	108.64	108.44	109.10	108.68	
2	108.21	108.46	109.36	108.57	108.77	108.89	109.33	109.04	108.63	108.44	109.10	108.66	
3	108.20	108.40	109.94	108.50	108.67	108.78	109.21	109.02	108.62	108.44	109.09	108.61	
4	108.17	108.50	109.08	108.49	108.55	108.70	109.24	108.97	108.61	108.44	109.09	108.56	
5	108.16	108.59	109.04	108.46	108.49	108.79	109.25	108.96	108.61	108.44	109.09	108.49	
6	108.15	108.78	109.18	108.44	108.46	110.24	109.20	109.00	108.60	108.43	109.09	108.48	
7	108.15	108.75	109.73	108.45	108.45	109.24	109.13	108.96	108.59	108.43	109.08	108.47	
8	108.14	110.35	109.33	108.44	108.44	108.86	109.10	108.95	108.58	108.43	109.08	108.47	
9	108.14	110.33	109.30	108.43	108.42	109.11	109.71	108.90	108.57	108.42	109.08	108.46	
10	108.14	111.64	109.09	108.41	108.75	109.16	109.61	108.89	108.56	108.42	109.08	108.45	
11	108.14	110.83	108.93	108.44	108.70	109.15	110.85	108.88	108.54	108.41	109.07	108.45	
12	108.29	111.82	108.76	109.37	108.66	109.39	111.76	108.87	108.53	108.40	109.07	108.45	
13	108.14	111.66	108.78	109.31	108.66	109.70	112.50	108.86	108.52	108.39	109.07	108.45	
14	108.00	110.45	109.62	109.30	108.64	109.03	112.97	108.86	108.51	108.38	109.07	108.44	
15	107.91	111.50	109.42	109.30	108.56	109.71	113.56	108.85	108.51	108.37	109.07	108.44	
16	107.93	110.91	109.06	109.29	108.50	109.06	113.52	108.96	108.50	108.37	109.07	108.44	
17	107.94	110.46	108.90	109.28	108.46	111.64	113.24	108.95	108.50	108.43	109.07	108.42	
18	107.97	111.12	109.10	109.26	108.43	110.56	111.18	108.92	108.50	108.42	109.07	108.39	
19	108.20	110.35	109.14	109.26	108.40	109.76	110.71	108.88	108.49	108.42	109.07	108.36	
20	108.01	109.95	109.09	109.23	108.37	109.68	110.32	109.00	108.48	108.99	109.05	108.35	
21	107.97	109.32	110.87	110.57	108.35	111.52	110.06	108.94	108.48	108.98	109.03	108.34	
22	107.96	109.10	109.13	108.74	108.32	110.89	109.87	108.89	108.47	108.97	109.00	108.35	
23	107.95	108.98	109.77	108.52	108.30	110.10	109.72	108.83	108.47	108.97	108.97	108.35	
24	107.94	108.89	109.62	109.52	109.41	109.55	109.53	108.80	108.46	108.97	108.95	108.35	
25	107.93	108.81	109.69	109.02	110.18	109.37	109.44	108.78	108.46	108.96	108.93	108.36	
26	107.93	108.76	109.63	110.73	108.93	109.27	109.40	108.77	108.45	108.96	108.90	108.36	
27	107.92	108.73	109.77	109.59	108.78	109.15	109.33	108.76	108.45	108.98	108.88	108.35	
28	107.92	108.66	108.88	109.06	108.75	109.18	109.28	108.76	108.45	108.98	108.97	108.34	
29	107.91	108.88	108.94	108.88	108.74	109.40	109.22	108.75	108.44	109.10	108.75	108.33	
30	108.24	109.08	108.79	110.13	108.66	109.71	109.14	108.65	108.44	109.10		108.33	
31		109.10		109.35	108.71		109.06		108.44	109.10		108.32	
Mean	108.06	109.66	109.30	109.06	108.66	109.55	110.26	108.89	108.52	108.64	109.03	108.43	
Max	108.29	111.82	110.87	110.73	110.18	111.64	113.56	109.08	108.64	109.10	109.10	108.68	113.56
Min	107.91	108.35	108.76	108.41	108.30	108.70	109.06	108.65	108.44	108.37	108.75	108.32	107.91
Annual Max Momentary Gage Height	113.88		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	103.41		m. (MSL.) ,			River Bed	108.02	m. (MSL.)					
Left Bank Elevation		116.90		m. (MSL.) ,									
Right Bank Elevation		116.58		m. (MSL.) ,		Drainage Are	930	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.30	3.50	13.55	6.60	11.00	11.60	19.75	12.20	6.40	4.40	12.50	6.80	
2	2.10	4.60	16.40	5.70	7.70	9.35	15.95	11.60	6.30	4.40	12.50	6.60	
3	2.00	4.00	31.20	5.00	6.70	7.80	14.15	11.30	6.20	4.40	12.35	6.10	
4	1.85	5.00	12.20	4.90	5.50	7.00	14.60	10.55	6.10	4.40	12.35	5.60	
5	1.80	5.90	11.60	4.60	4.90	7.90	14.75	10.40	6.10	4.40	12.35	4.90	
6	1.75	7.80	13.70	4.40	4.60	40.60	14.00	11.00	6.00	4.30	12.35	4.80	
7	1.75	7.50	25.25	4.50	4.50	14.60	12.95	10.40	5.90	4.30	12.20	4.70	
8	1.70	45.00	15.95	4.40	4.40	8.90	12.50	10.25	5.80	4.30	12.20	4.70	
9	1.70	44.20	15.50	4.30	4.20	12.65	24.75	9.50	5.70	4.20	12.20	4.60	
10	1.70	138.60	12.35	4.10	7.50	13.40	22.25	9.35	5.60	4.20	12.20	4.50	
11	1.70	68.80	9.95	4.40	7.00	13.25	70.00	9.20	5.40	4.10	12.05	4.50	
12	2.90	164.40	7.60	16.55	6.60	16.85	155.40	9.05	5.30	4.00	12.05	4.50	
13	1.70	141.40	7.80	15.65	6.60	24.50	285.00	8.90	5.20	3.90	12.05	4.50	
14	1.00	49.00	22.50	15.50	6.40	11.45	388.80	8.90	5.10	3.80	12.05	4.40	
15	0.55	123.00	17.50	15.50	5.60	24.75	562.40	8.75	5.10	3.70	12.05	4.40	
16	0.65	73.60	11.90	15.35	5.00	11.90	548.80	10.40	5.00	3.70	12.05	4.40	
17	0.70	49.40	9.50	15.20	4.60	138.60	463.20	10.25	5.00	4.30	12.05	4.20	
18	0.85	87.40	12.50	14.90	4.30	54.00	91.60	9.80	5.00	4.20	12.05	3.90	
19	2.00	45.00	13.10	14.90	4.00	26.00	61.60	9.20	4.90	4.20	12.05	3.60	
20	1.05	31.50	12.35	14.45	3.70	24.00	43.80	11.00	4.80	10.85	11.75	3.50	
21	0.85	15.80	71.20	54.50	3.50	125.00	34.80	10.10	4.80	10.70	11.45	3.40	
22	0.80	12.50	12.95	7.40	3.20	72.40	29.10	9.35	4.70	10.55	11.00	3.50	
23	0.75	10.70	26.25	5.20	3.00	36.00	25.00	8.45	4.70	10.55	10.55	3.50	
24	0.70	9.35	22.50	20.00	17.25	20.75	20.25	8.00	4.60	10.55	10.25	3.50	
25	0.65	8.15	24.25	11.30	38.40	16.55	18.00	7.80	4.60	10.40	9.95	3.60	
26	0.65	7.60	22.75	62.80	9.95	15.05	17.00	7.70	4.50	10.40	9.50	3.60	
27	0.60	7.30	26.25	21.75	7.80	13.25	15.95	7.60	4.50	10.70	9.20	3.50	
28	0.60	6.60	9.20	11.90	7.50	13.70	15.20	7.60	4.50	10.70	10.55	3.40	
29	0.55	9.20	10.10	9.20	7.40	17.00	14.30	7.50	4.40	12.50	7.50	3.30	
30	2.40	12.20	7.90	36.90	6.60	24.75	13.10	6.50	4.40	12.50		3.30	
31		12.50		16.25	7.10		11.90		4.40	12.50		3.20	
Total	40.30	1211.50	525.75	448.10	226.50	833.55	3050.85	282.60	161.00	212.10	333.35	133.00	7458.60 CMSDAY
Mean	1.34	39.08	17.52	14.45	7.31	27.79	98.41	9.42	5.19	6.84	11.49	4.29	20.38 CMS
Max	2.90	164.40	71.20	62.80	38.40	138.60	562.40	12.20	6.40	12.50	12.50	6.80	562.40 CMS
Min	0.55	3.50	7.60	4.10	3.00	7.00	11.90	6.50	4.40	3.70	7.50	3.20	0.55 CMS
Runoff	3.48	104.67	45.42	38.72	19.57	72.02	263.59	24.42	13.91	18.33	28.80	11.49	644.42 MCM
Momentary Peak	674.40 CMS. at 113.88 m. (MSL) at 18.00 Hours , on Oct 16, 2007												
Runoff Yield	21.97 Liters/Second/Square KM.			Momentary Peak Yield				725.16 Liters/Second/Square KM.					

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Huai Thap Salao at Ban Bung Ai Chiam, Uthai Thani (Ct.9)

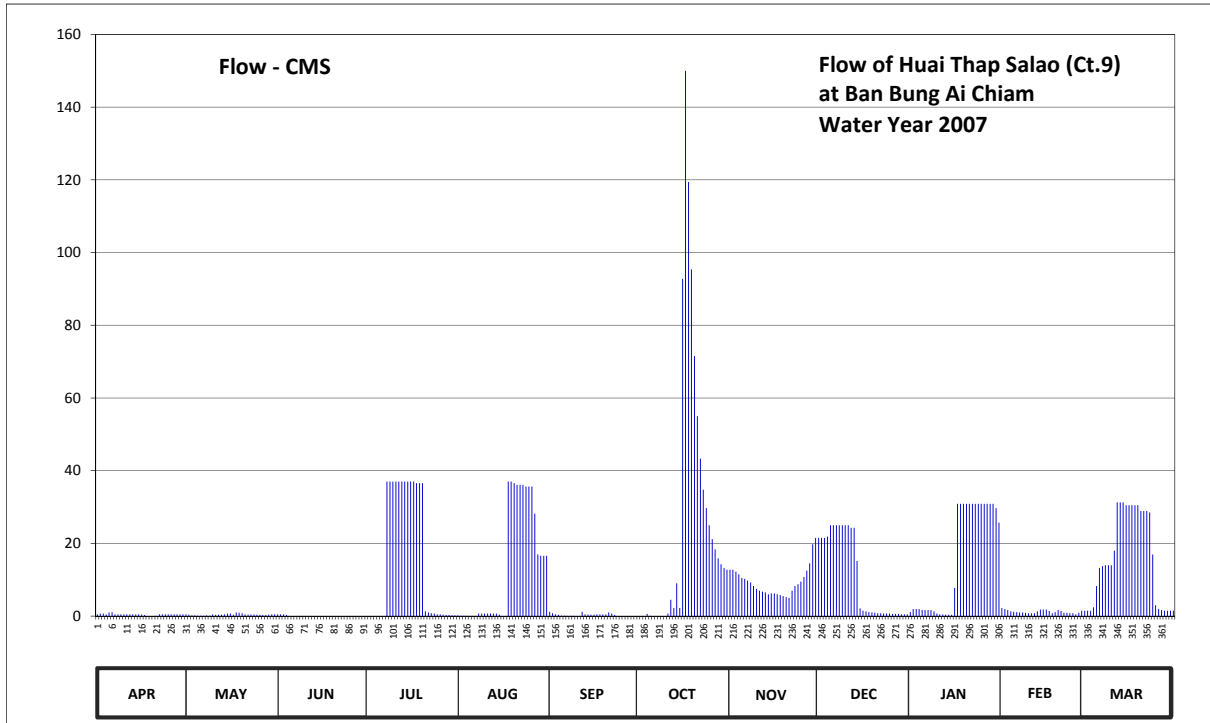
Lat 15 - 31 - 35 N Long 99 - 28 - 10 E

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 14 discharge measurements made in 2007.						

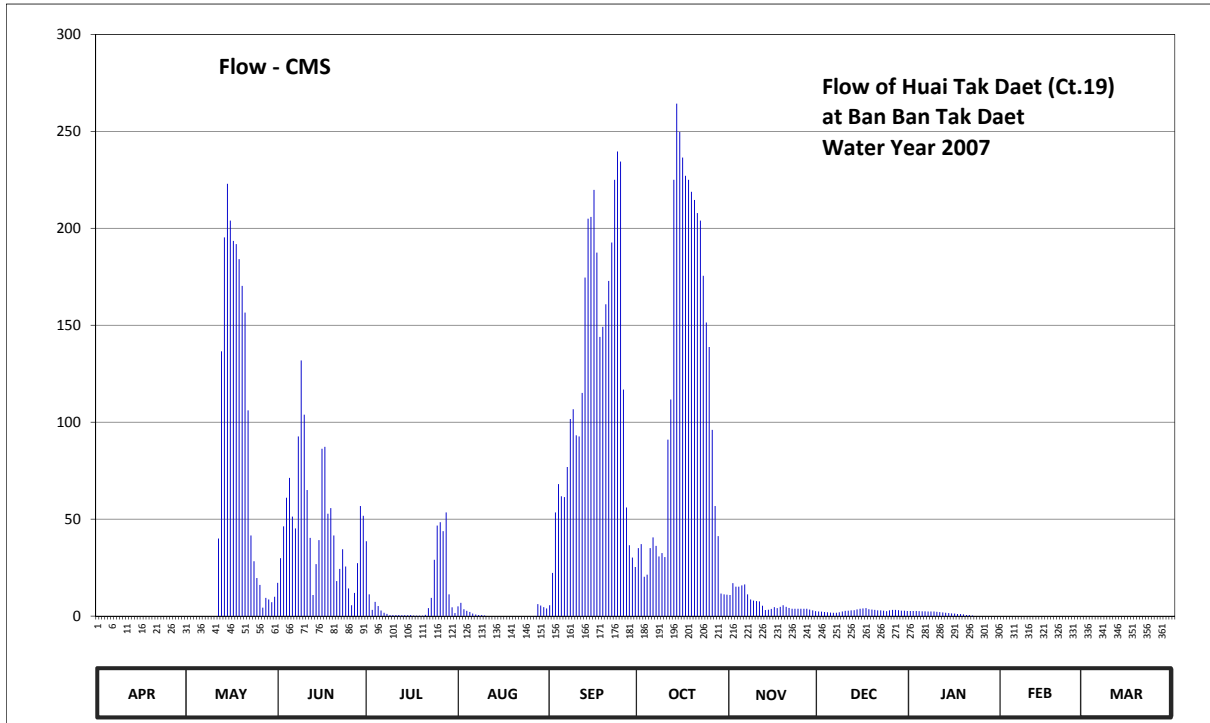
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	123.50	123.50	123.50	123.38	123.44	123.57	123.38	124.13	124.40	123.56	123.65	123.60	
2	123.52	123.48	123.50	123.38	123.43	123.53	123.38	124.13	124.40	123.63	123.63	123.60	
3	123.52	123.44	123.50	123.38	123.43	123.50	123.36	124.11	124.40	123.63	123.61	123.60	
4	123.50	123.44	123.46	123.38	123.42	123.48	123.51	124.08	124.41	123.63	123.58	123.66	
5	123.55	123.43	123.40	123.37	123.42	123.43	123.42	124.04	124.50	123.61	123.57	123.95	
6	123.56	123.43	123.40	123.36	123.42	123.43	123.39	124.03	124.50	123.61	123.56	124.15	
7	123.50	123.43	123.40	123.36	123.42	123.42	123.37	124.01	124.50	123.61	123.55	124.17	
8	123.50	123.44	123.41	124.80	123.52	123.42	123.35	123.99	124.50	123.61	123.55	124.18	
9	123.50	123.43	123.41	124.80	123.52	123.42	123.34	123.95	124.50	123.58	123.54	124.18	
10	123.50	123.49	123.41	124.80	123.52	123.41	123.34	123.92	124.50	123.52	123.53	124.18	
11	123.50	123.47	123.41	124.80	123.52	123.41	123.52	123.90	124.50	123.50	123.53	124.30	
12	123.50	123.48	123.41	124.80	123.52	123.57	123.80	123.89	124.48	123.49	123.53	124.67	
13	123.50	123.48	123.40	124.80	123.52	123.50	123.65	123.88	124.48	123.48	123.58	124.67	
14	123.50	123.50	123.40	124.80	123.52	123.49	123.98	123.86	124.22	123.48	123.62	124.67	
15	123.50	123.52	123.40	124.80	123.49	123.48	123.65	123.87	123.64	123.47	123.62	124.65	
16	123.49	123.52	123.39	124.80	123.40	123.48	125.85	123.87	123.60	123.93	123.62	124.65	
17	123.46	123.48	123.39	124.80	123.40	123.50	126.64	123.86	123.58	124.66	123.59	124.65	
18	123.40	123.55	123.39	124.79	124.80	123.50	126.26	123.85	123.56	124.66	123.53	124.65	
19	123.39	123.54	123.39	124.79	124.80	123.49	125.89	123.84	123.55	124.66	123.56	124.65	
20	123.39	123.53	123.39	124.79	124.79	123.50	125.50	123.83	123.54	124.66	123.61	124.61	
21	123.42	123.50	123.38	123.58	124.78	123.55	125.19	123.82	123.53	124.66	123.59	124.61	
22	123.50	123.49	123.38	123.55	124.78	123.52	124.94	123.90	123.53	124.66	123.54	124.61	
23	123.50	123.49	123.38	123.53	124.78	123.46	124.75	123.95	123.52	124.66	123.54	124.60	
24	123.50	123.49	123.38	123.52	124.77	123.38	124.63	123.97	123.52	124.66	123.53	124.27	
25	123.50	123.48	123.38	123.50	124.77	123.38	124.50	124.00	123.52	124.66	123.53	123.70	
26	123.50	123.47	123.38	123.50	124.77	123.38	124.39	124.05	123.51	124.66	123.50	123.63	
27	123.50	123.46	123.38	123.48	124.59	123.38	124.31	124.12	123.51	124.66	123.54	123.61	
28	123.50	123.46	123.38	123.46	124.27	123.38	124.24	124.20	123.51	124.66	123.60	123.60	
29	123.50	123.48	123.38	123.46	124.26	123.38	124.19	124.35	123.50	124.66	123.60	123.60	
30	123.50	123.50	123.38	123.45	124.26	123.38	124.15	124.40	123.50	124.63		123.60	
31		123.50		123.44	124.26		124.13		123.50	124.52		123.60	
Mean	123.49	123.48	123.41	124.01	123.99	123.46	124.26	123.99	123.95	124.10	123.57	124.16	
Max	123.56	123.55	123.50	124.80	124.80	123.57	126.64	124.40	124.50	124.66	123.65	124.67	126.64
Min	123.39	123.43	123.38	123.36	123.40	123.38	123.34	123.82	123.50	123.47	123.50	123.60	123.34
Annual Max Momentary Gage Height	126.82		m. (MSL.) ,				at 06.00 Hours ,	on Oct 17 , 2007					
Zero Gage at Bottom Elevation	123.45		m. (MSL.) ,			River Bed	123.03	m. (MSL.)					
Left Bank Elevation		127.52		m. (MSL.) ,									
Right Bank Elevation		127.71		m. (MSL.) ,		Drainage Are	528	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.50	0.50	0.50	0.00	0.20	1.20	0.00	12.75	21.50	1.10	2.25	1.50	
2	0.70	0.40	0.50	0.00	0.15	0.80	0.00	12.75	21.50	1.95	1.95	1.50	
3	0.70	0.20	0.50	0.00	0.15	0.50	0.00	12.25	21.50	1.95	1.65	1.50	
4	0.50	0.20	0.30	0.00	0.10	0.40	0.60	11.50	21.85	1.95	1.30	2.40	
5	1.00	0.15	0.00	0.00	0.10	0.15	0.10	10.50	25.00	1.65	1.20	8.25	
6	1.10	0.15	0.00	0.00	0.10	0.15	0.00	10.25	25.00	1.65	1.10	13.25	
7	0.50	0.15	0.00	0.00	0.10	0.10	0.00	9.75	25.00	1.65	1.00	13.75	
8	0.50	0.20	0.05	37.00	0.70	0.10	0.00	9.25	25.00	1.65	1.00	14.00	
9	0.50	0.15	0.05	37.00	0.70	0.10	0.00	8.25	25.00	1.30	0.90	14.00	
10	0.50	0.45	0.05	37.00	0.70	0.05	0.00	7.50	25.00	0.70	0.80	14.00	
11	0.50	0.35	0.05	37.00	0.70	0.05	0.70	7.00	25.00	0.50	0.80	18.00	
12	0.50	0.40	0.05	37.00	0.70	1.20	4.50	6.75	24.30	0.45	0.80	31.30	
13	0.50	0.40	0.00	37.00	0.70	0.50	2.25	6.50	24.30	0.40	1.30	31.30	
14	0.50	0.50	0.00	37.00	0.70	0.45	9.00	6.00	15.20	0.40	1.80	31.30	
15	0.50	0.70	0.00	37.00	0.45	0.40	2.25	6.25	2.10	0.35	1.80	30.50	
16	0.45	0.70	0.00	37.00	0.00	0.40	92.75	6.25	1.50	7.75	1.80	30.50	
17	0.30	0.40	0.00	37.00	0.00	0.50	150.00	6.00	1.30	30.90	1.40	30.50	
18	0.00	1.00	0.00	36.55	37.00	0.50	119.40	5.75	1.10	30.90	0.80	30.50	
19	0.00	0.90	0.00	36.55	37.00	0.45	95.35	5.50	1.00	30.90	1.10	30.50	
20	0.00	0.80	0.00	36.55	36.55	0.50	71.50	5.25	0.90	30.90	1.65	28.90	
21	0.10	0.50	0.00	1.30	36.10	1.00	55.00	5.00	0.80	30.90	1.40	28.90	
22	0.50	0.45	0.00	1.00	36.10	0.70	43.30	7.00	0.80	30.90	0.90	28.90	
23	0.50	0.45	0.00	0.80	36.10	0.30	34.75	8.25	0.70	30.90	0.90	28.50	
24	0.50	0.45	0.00	0.70	35.65	0.00	29.70	8.75	0.70	30.90	0.80	16.95	
25	0.50	0.40	0.00	0.50	35.65	0.00	25.00	9.50	0.70	30.90	0.80	3.00	
26	0.50	0.35	0.00	0.50	35.65	0.00	21.15	10.75	0.60	30.90	0.50	1.95	
27	0.50	0.30	0.00	0.40	28.15	0.00	18.35	12.50	0.60	30.90	0.90	1.65	
28	0.50	0.30	0.00	0.30	16.95	0.00	15.90	14.50	0.60	30.90	1.50	1.50	
29	0.50	0.40	0.00	0.30	16.60	0.00	14.25	19.75	0.50	30.90	1.50	1.50	
30	0.50	0.50	0.00	0.25	16.60	0.00	13.25	21.50	0.50	29.70		1.50	
31		0.50		0.20	16.60		12.75		0.50	25.70		1.50	
Total	14.35	13.30	2.05	485.90	426.95	10.50	831.80	283.50	340.05	482.50	35.60	493.30	3419.80 CMSDAY
Mean	0.48	0.43	0.07	15.67	13.77	0.35	26.83	9.45	10.97	15.56	1.23	15.91	9.34 CMS
Max	1.10	1.00	0.50	37.00	37.00	1.20	150.00	21.50	25.00	30.90	2.25	31.30	150.00 CMS
Min	0.00	0.15	0.00	0.00	0.00	0.00	0.00	5.00	0.50	0.35	0.50	1.50	0.00 CMS
Runoff	1.24	1.15	0.18	41.98	36.89	0.91	71.87	24.49	29.38	41.69	3.08	42.62	295.47 MCM
Momentary Peak	168.80	CMS.	at 126.82 m. (MSL.)	at 06.00 Hours	on Oct 17, 2007								
Runoff Yield	17.74	Liters/Second/Square KM.											
Momentary Peak Yield							319.53	Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	17.18	38.58	5.06	5.62	35.10	10.88	2.36	2.60	0.00	0.00	
2	0.00	0.00	29.88	11.24	6.88	22.30	37.13	16.96	2.28	2.60	0.00	0.00	
3	0.00	0.00	46.30	3.24	3.56	53.50	20.26	15.20	2.12	2.60	0.00	0.00	
4	0.00	0.00	61.06	7.30	2.68	68.10	21.36	15.20	1.96	2.52	0.00	0.00	
5	0.00	0.00	71.30	5.20	2.12	61.78	35.10	15.86	1.80	2.44	0.00	0.00	
6	0.00	0.00	51.34	2.92	1.32	61.42	40.61	16.30	1.72	2.44	0.00	0.00	
7	0.00	0.00	45.22	1.72	0.84	76.92	36.26	11.24	1.72	2.36	0.00	0.00	
8	0.00	0.00	92.68	1.16	0.60	101.64	30.75	8.54	1.96	2.36	0.00	0.00	
9	0.00	0.00	131.84	0.60	0.60	106.68	32.49	8.00	2.36	2.36	0.00	0.00	
10	0.00	0.00	103.88	0.60	0.30	93.24	30.46	7.72	2.68	2.20	0.00	0.00	
11	0.00	0.00	65.02	0.60	0.00	92.68	91.00	7.58	2.84	2.04	0.00	0.00	
12	0.00	40.03	40.32	0.60	0.00	115.08	111.72	5.34	3.00	1.88	0.00	0.00	
13	0.00	136.60	10.88	0.48	0.00	174.62	225.04	3.16	3.08	1.72	0.00	0.00	
14	0.00	195.36	26.80	0.48	0.00	204.96	264.32	3.32	3.48	1.56	0.00	0.00	
15	0.00	222.96	39.16	0.48	0.00	205.92	249.68	3.72	3.80	1.40	0.00	0.00	
16	0.00	204.00	86.32	0.60	0.00	219.84	236.48	4.64	3.94	1.32	0.00	0.00	
17	0.00	193.54	87.26	0.36	0.00	187.52	227.12	4.08	4.08	1.08	0.00	0.00	
18	0.00	191.82	52.78	0.24	0.00	144.00	225.04	4.78	3.56	1.08	0.00	0.00	
19	0.00	184.08	55.66	0.24	0.00	149.18	218.80	5.62	3.40	0.92	0.00	0.00	
20	0.00	170.32	41.62	0.24	0.00	160.86	214.64	4.78	3.24	0.60	0.00	0.00	
21	0.00	156.56	18.06	0.68	0.00	172.90	207.84	4.22	3.00	0.54	0.00	0.00	
22	0.00	106.12	24.30	4.08	0.00	192.68	204.00	3.80	3.00	0.30	0.00	0.00	
23	0.00	41.62	34.52	9.44	0.00	225.04	175.48	3.80	2.84	0.00	0.00	0.00	
24	0.00	28.30	25.55	29.05	0.00	239.60	151.40	3.80	2.52	0.00	0.00	0.00	
25	0.00	19.60	14.30	46.66	0.00	234.40	138.82	3.80	3.00	0.00	0.00	0.00	
26	0.00	16.08	5.62	48.46	0.00	116.88	96.04	3.80	3.24	0.00	0.00	0.00	
27	0.00	4.36	11.96	43.78	0.06	56.02	56.74	3.80	3.24	0.00	0.00	0.00	
28	0.00	9.44	27.30	53.50	6.18	36.55	41.26	3.40	3.08	0.00	0.00	0.00	
29	0.00	8.54	56.74	11.24	5.48	30.17	11.60	3.00	2.84	0.00	0.00	0.00	
30	0.00	7.16	51.70	4.50	4.64	25.30	11.24	2.52	2.76	0.00	0.00	0.00	
31	0.00	9.98		1.56	3.94		11.06		2.60	0.00	0.00	0.00	
Total	0.00	1946.47	1426.55	329.83	44.26	3635.40	3488.84	208.86	87.50	38.92	0.00	0.00	11206.63 CMSDAY
Mean	0.00	62.79	47.55	10.64	1.43	121.18	112.54	6.96	2.82	1.26	0.00	0.00	30.62 CMS
Max	0.00	222.96	131.84	53.50	6.88	239.60	264.32	16.96	4.08	2.60	0.00	0.00	264.32 CMS
Min	0.00	0.00	5.62	0.24	0.00	5.62	11.06	2.52	1.72	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	168.18	123.25	28.50	3.82	314.10	301.44	18.05	7.56	3.36	0.00	0.00	968.25 MCM
Momentary Peak		265.54 CMS.	at 23.57 m. (MSL.) at 06.00 Hours , on Oct 14, 2007										
Runoff Yield		8.89	Liters/Second/Square KM.			Momentary Peak Yield	76.88	Liters/Second/Square KM.					

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Lower Huai Thap Salao at Ban Saphan Leak, Uthai Thani (Ct.20)

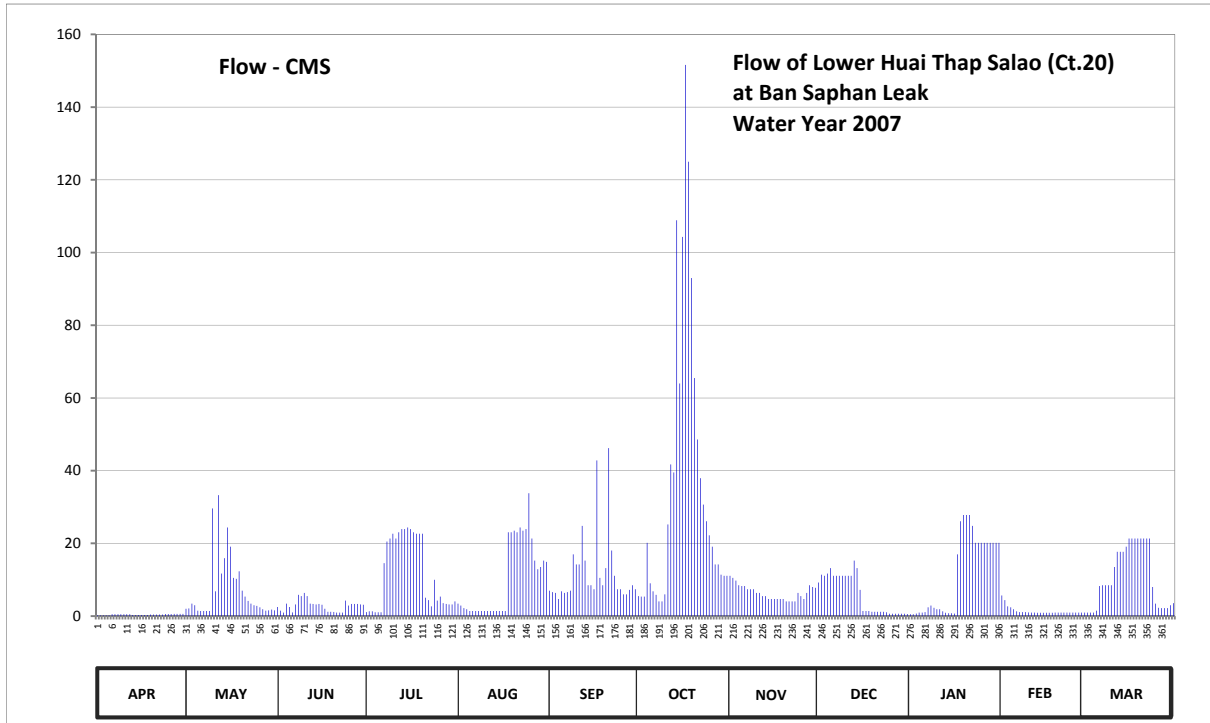
Lat 15 - 26 - 43 N Long 99 - 35 - 24 E

Location : on right bank at Ban Saphan Leak

	Ban	Saphan Leak	Amphoe	Lan Sak	Changwat	Uthai Thani
Drainage Area	691	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+96.620	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank near the automatic gage buiding				Elevation	+101.800 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings					
Period of Available Gage Records	1999 to date					
Rating Operation						
Period of Rating	2007 to date					
Rated by Flot	-					
Rated by Current Meter	2007 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 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	98.37	98.78	98.83	98.66	98.92	99.15	99.07	99.32	99.25	98.47	99.08	98.62	
2	98.37	98.79	98.73	98.71	98.87	99.13	99.06	99.30	99.33	98.47	99.00	98.62	
3	98.37	98.92	98.62	98.71	98.80	99.12	99.06	99.27	99.32	98.53	98.85	98.62	
4	98.37	98.88	98.92	98.65	98.77	99.02	99.59	99.22	99.34	98.62	98.82	98.62	
5	98.37	98.73	98.83	98.65	98.72	99.14	99.24	99.21	99.39	98.62	98.77	98.73	
6	98.47	98.72	98.63	98.65	98.72	99.12	99.14	99.21	99.32	98.66	98.71	99.21	
7	98.48	98.72	98.90	99.43	98.72	99.13	99.09	99.17	99.32	98.82	98.67	99.22	
8	98.48	98.72	99.09	99.60	98.72	99.15	98.97	99.17	99.32	98.87	98.67	99.22	
9	98.48	98.72	99.07	99.62	98.72	99.50	98.97	99.17	99.32	98.81	98.67	99.22	
10	98.48	99.81	99.12	99.65	98.72	99.42	99.10	99.12	99.32	98.77	98.63	99.22	
11	98.48	99.14	99.07	99.62	98.72	99.42	99.71	99.12	99.32	98.77	98.62	99.40	
12	98.48	99.88	98.92	99.66	98.72	99.70	100.04	99.07	99.32	98.71	98.62	99.52	
13	98.40	99.34	98.91	99.68	98.72	99.45	100.00	99.07	99.45	98.60	98.60	99.52	
14	98.40	99.47	98.90	99.68	98.72	99.22	100.86	99.02	99.39	98.57	98.60	99.52	
15	98.40	99.69	98.91	99.69	98.72	99.22	100.38	99.02	99.16	98.57	98.60	99.56	
16	98.40	99.56	98.89	99.68	98.72	99.17	100.82	99.02	98.72	98.53	98.60	99.62	
17	98.40	99.30	98.78	99.66	98.72	100.06	101.19	99.02	98.72	99.50	98.60	99.62	
18	98.40	99.29	98.69	99.65	99.66	99.30	101.00	99.02	98.72	99.73	98.60	99.62	
19	98.45	99.36	98.70	99.65	99.66	99.22	100.71	99.02	98.69	99.77	98.62	99.62	
20	98.45	99.15	98.68	99.65	99.67	99.39	100.40	98.97	98.69	99.77	98.62	99.62	
21	98.45	99.06	98.62	99.04	99.66	100.12	100.16	98.97	98.69	99.77	98.62	99.62	
22	98.45	98.98	98.62	99.00	99.69	99.53	99.97	98.97	98.69	99.70	98.62	99.62	
23	98.45	98.92	98.62	98.85	99.67	99.32	99.83	98.97	98.70	99.59	98.62	99.62	
24	98.49	98.88	98.99	99.28	99.68	99.17	99.73	99.12	98.65	99.59	98.62	99.20	
25	98.49	98.86	98.87	98.99	99.89	99.17	99.64	99.07	98.52	99.59	98.62	98.92	
26	98.49	98.82	98.91	99.06	99.62	99.10	99.56	99.02	98.52	99.59	98.62	98.81	
27	98.50	98.77	98.91	98.93	99.45	99.10	99.42	99.12	98.52	99.59	98.62	98.80	
28	98.50	98.73	98.91	98.91	99.38	99.16	99.42	99.22	98.52	99.59	98.62	98.80	
29	98.50	98.74	98.90	98.90	99.40	99.22	99.33	99.20	98.52	99.59	98.62	98.80	
30	98.50	98.76	98.89	98.90	99.45	99.17	99.32	99.19	98.52	99.59	98.62	98.88	
31		98.74		98.97	99.44		99.32		98.49	99.59		98.93	
Mean	98.44	99.04	98.85	99.22	99.13	99.30	99.75	99.11	98.96	99.13	98.67	99.19	
Max	98.50	99.88	99.12	99.69	99.89	100.12	101.19	99.32	99.45	99.77	99.08	99.62	101.19
Min	98.37	98.72	98.62	98.65	98.72	99.02	98.97	98.97	98.49	98.47	98.60	98.62	98.37
Annual Max Momentary Gage Height	101.35		m. (MSL.) ,				at 19.00 Hours ,						
Zero Gage at Bottom Elevation	96.62		m. (MSL.) ,			River Bed	98.23		m. (MSL)				
Left Bank Elevation		106.77		m. (MSL.) ,									
Right Bank Elevation		106.80		m. (MSL.) ,		Drainage Are	691		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.21	2.00	2.50	1.08	3.44	7.00	5.52	11.10	9.25	0.51	5.68	0.96	
2	0.21	2.10	1.50	1.30	2.90	6.60	5.36	10.50	11.40	0.51	4.40	0.96	
3	0.21	3.44	0.96	1.30	2.20	6.40	5.36	9.75	11.10	0.69	2.70	0.96	
4	0.21	3.00	3.44	1.05	1.90	4.72	20.15	8.50	11.70	0.96	2.40	0.96	
5	0.21	1.50	2.50	1.05	1.40	6.80	9.00	8.25	13.20	0.96	1.90	1.50	
6	0.51	1.40	0.99	1.05	1.40	6.40	6.80	8.25	11.10	1.08	1.30	8.25	
7	0.54	1.40	3.20	14.55	1.40	6.60	5.84	7.40	11.10	2.40	1.11	8.50	
8	0.54	1.40	5.84	20.50	1.40	7.00	4.04	7.40	11.10	2.90	1.11	8.50	
9	0.54	1.40	5.52	21.36	1.40	17.00	4.04	7.40	11.10	2.30	1.11	8.50	
10	0.54	29.62	6.40	22.65	1.40	14.20	6.00	6.40	11.10	1.90	0.99	8.50	
11	0.54	6.80	5.52	21.36	1.40	14.20	25.23	6.40	11.10	1.90	0.96	13.50	
12	0.54	33.26	3.44	23.08	1.40	24.80	41.70	5.52	11.10	1.30	0.96	17.70	
13	0.30	11.70	3.32	23.94	1.40	15.25	39.50	5.52	15.25	0.90	0.90	17.70	
14	0.30	15.95	3.20	23.94	1.40	8.50	108.90	4.72	13.20	0.81	0.90	17.70	
15	0.30	24.37	3.32	24.37	1.40	8.50	64.00	4.72	7.20	0.81	0.90	19.10	
16	0.30	19.10	3.10	23.94	1.40	7.40	104.30	4.72	1.40	0.69	0.90	21.36	
17	0.30	10.50	2.00	23.08	1.40	42.80	151.60	4.72	1.40	17.00	0.90	21.36	
18	0.30	10.25	1.17	22.65	23.08	10.50	125.00	4.72	1.40	26.09	0.90	21.36	
19	0.45	12.30	1.20	22.65	23.08	8.50	93.00	4.72	1.17	27.81	0.96	21.36	
20	0.45	7.00	1.14	22.65	23.51	13.20	65.50	4.04	1.17	27.81	0.96	21.36	
21	0.45	5.36	0.96	5.04	23.08	46.20	48.60	4.04	1.17	27.81	0.96	21.36	
22	0.45	4.16	0.96	4.40	24.37	18.05	37.94	4.04	1.17	24.80	0.96	21.36	
23	0.45	3.44	0.96	2.70	23.51	11.10	30.66	4.04	1.20	20.15	0.96	21.36	
24	0.57	3.00	4.28	10.00	23.94	7.40	26.09	6.40	1.05	20.15	0.96	8.00	
25	0.57	2.80	2.90	4.28	33.78	7.40	22.22	5.52	0.66	20.15	0.96	3.44	
26	0.57	2.40	3.32	5.36	21.36	6.00	19.10	4.72	0.66	20.15	0.96	2.30	
27	0.60	1.90	3.32	3.56	15.25	6.00	14.20	6.40	0.66	20.15	0.96	2.20	
28	0.60	1.50	3.32	3.32	12.90	7.20	14.20	8.50	0.66	20.15	0.96	2.20	
29	0.60	1.60	3.20	3.20	13.50	8.50	11.40	8.00	0.66	20.15	0.96	2.20	
30	0.60	1.80	3.10	3.20	15.25	7.40	11.10	7.80	0.66	20.15		3.00	
31		1.60		4.04	14.90		11.10		0.57	20.15		3.56	
Total	12.96	228.05	86.58	366.65	320.15	361.62	1137.45	194.21	185.66	353.29	40.58	331.07	3618.27 CMSDAY
Mean	0.43	7.36	2.89	11.83	10.33	12.05	36.69	6.47	5.99	11.40	1.40	10.68	9.89 CMS
Max	0.60	33.26	6.40	24.37	33.78	46.20	151.60	11.10	15.25	27.81	5.68	21.36	151.60 CMS
Min	0.21	1.40	0.96	1.05	1.40	4.72	4.04	4.04	0.57	0.51	0.90	0.96	0.21 CMS
Runoff	1.12	19.70	7.48	31.68	27.66	31.24	98.28	16.78	16.04	30.52	3.51	28.60	312.62 MCM
Momentary Peak		177.00	CMS.	at 101.35 m. (MSL.)	at 19.00 Hours		on Oct 17, 2007						
Runoff Yield		14.34	Liters/Second/Square KM.		14.34	Liters/Second/Square KM.		256.10	Liters/Second/Square KM.				

WATER YEAR : 2007

PASAK RIVER BASIN

Pasak River at Ban Tan Dieo , Phetchabun (S.3)

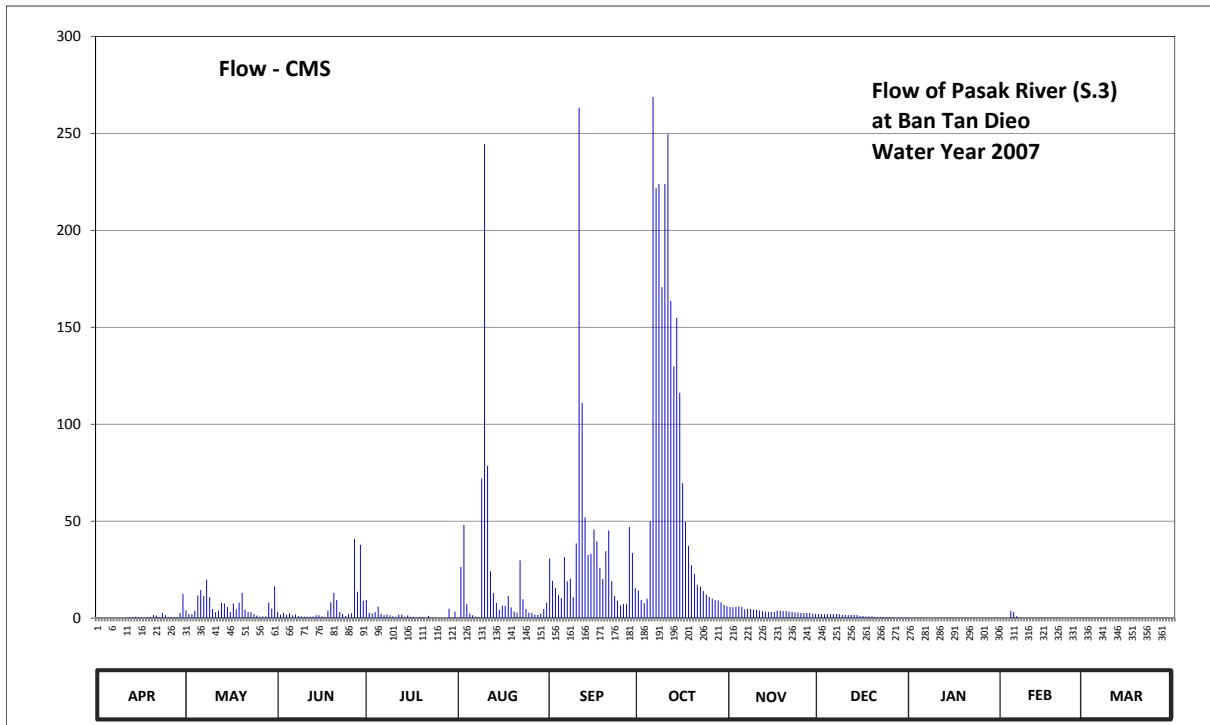
Lat 16 - 46 - 51 N Long 101 - 14 - 57 E

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 +142.630 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	Overbank flow starts at elevation +144.970 m.(MSL.) and is including 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 17 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.98	138.99	138.83	139.53	138.14	140.84	139.95	139.17	138.64	138.03	137.65	137.58	
2	137.97	138.61	138.56	138.76	140.62	140.26	139.53	139.16	138.61	137.96	137.65	137.58	
3	137.98	138.59	138.73	138.67	141.56	140.04	139.37	139.18	138.61	137.88	138.01	137.58	
4	137.95	138.95	138.54	138.81	139.32	139.79	139.61	139.20	138.61	137.83	138.96	137.58	
5	137.95	139.76	138.68	139.19	138.67	139.63	141.64	139.18	138.61	137.83	138.83	137.57	
6	137.93	139.97	138.50	138.63	138.50	140.87	145.12	139.05	138.61	137.79	138.39	137.58	
7	137.93	139.75	138.58	138.49	138.34	140.25	144.75	139.08	138.62	137.79	138.08	137.57	
8	137.93	140.29	138.42	138.56	138.20	140.32	144.77	139.07	138.61	137.73	137.83	137.57	
9	137.93	139.68	138.35	138.50	142.40	139.68	144.25	139.04	138.53	137.71	137.69	137.57	
10	137.93	139.08	138.34	138.36	144.94	141.18	144.77	139.03	138.53	137.68	137.68	137.56	
11	138.11	138.81	138.30	138.29	142.59	145.08	144.98	138.98	138.53	137.68	137.68	137.56	
12	138.14	138.96	138.29	138.57	140.51	143.34	144.17	138.93	138.53	137.68	137.67	137.56	
13	138.24	139.38	138.32	138.57	139.86	141.72	143.68	138.88	138.53	137.68	137.65	137.56	
14	138.29	139.35	138.50	138.29	139.38	140.93	144.06	138.83	138.53	137.66	137.65	137.56	
15	138.17	139.18	138.49	138.50	139.03	140.96	143.44	138.83	138.42	137.65	137.66	137.56	
16	138.13	138.83	138.39	138.26	139.24	141.47	142.32	138.81	138.42	137.63	137.65	137.56	
17	138.11	139.35	138.25	138.29	139.22	141.22	141.63	138.98	138.37	137.63	137.65	137.56	
18	138.13	139.05	138.97	138.08	139.74	140.60	141.13	138.96	138.36	137.63	137.65	137.56	
19	138.18	139.40	139.42	138.24	139.15	140.31	140.66	138.93	138.34	137.63	137.65	137.56	
20	138.51	139.87	139.87	138.23	138.88	141.02	140.44	138.93	138.23	137.63	137.65	137.56	
21	138.46	139.04	139.53	138.01	138.76	141.45	140.15	138.88	138.20	137.63	137.65	137.56	
22	138.23	138.83	138.84	138.43	140.79	140.25	140.09	138.84	138.23	137.67	137.63	137.56	
23	138.75	138.83	138.62	138.04	139.57	139.74	139.93	138.79	138.21	137.68	137.61	137.56	
24	138.51	138.61	138.41	137.93	139.07	139.50	139.81	138.77	138.21	137.68	137.60	137.56	
25	138.23	138.47	138.61	137.90	138.76	139.25	139.70	138.74	138.20	137.67	137.59	137.56	
26	138.20	138.30	138.69	137.99	138.73	139.33	139.61	138.73	138.10	137.66	137.59	137.56	
27	138.20	138.35	141.27	137.92	138.57	139.32	139.53	138.73	138.08	137.65	137.59	137.55	
28	138.19	138.37	139.91	137.88	138.53	141.52	139.51	138.72	138.08	137.69	137.59	137.53	
29	138.72	139.39	141.15	139.09	138.65	140.98	139.41	138.67	138.13	137.69	137.59	137.51	
30	139.83	139.09	139.50	138.14	139.07	140.03	139.28	138.65	138.11	137.69	137.59	137.51	
31		140.09		138.88	139.39		139.21		138.07	137.66		137.51	
Mean	138.23	139.14	138.90	138.42	139.62	140.70	141.50	138.92	138.38	137.71	137.79	137.56	
Max	139.83	140.29	141.27	139.53	144.94	145.08	145.12	139.20	138.64	138.03	138.96	137.58	145.12
Min	137.93	138.30	138.25	137.88	138.14	139.25	139.21	138.65	138.07	137.63	137.59	137.51	137.51
Annual Max Momentary Gage Height	145.13		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	136.63		m. (MSL.) ,			River Bed	135.25	m. (MSL.)					
Left Bank Elevation	145.02		m. (MSL.) ,										
Right Bank Elevation	144.96		m. (MSL.) ,			Drainage Are	1,037	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	3.95	3.15	9.30	0.35	30.80	14.25	5.70	2.20	0.08	0.00	0.00	
2	0.00	2.05	1.80	2.80	26.40	19.20	9.30	5.60	2.05	0.00	0.00	0.00	
3	0.00	1.95	2.65	2.35	48.00	15.60	7.70	5.80	2.05	0.00	0.03	0.00	
4	0.00	3.75	1.70	3.05	7.20	11.90	10.10	6.00	2.05	0.00	3.80	0.00	
5	0.00	11.60	2.40	5.90	2.35	10.30	50.00	5.80	2.05	0.00	3.15	0.00	
6	0.00	14.55	1.50	2.15	1.50	31.40	268.80	4.50	2.05	0.00	0.98	0.00	
7	0.00	11.50	1.90	1.45	0.85	19.00	221.75	4.80	2.10	0.00	0.20	0.00	
8	0.00	19.80	1.10	1.80	0.50	20.40	223.85	4.70	2.05	0.00	0.00	0.00	
9	0.00	10.80	0.88	1.50	72.00	10.80	170.75	4.40	1.65	0.00	0.00	0.00	
10	0.00	4.80	0.85	0.90	244.50	38.50	223.85	4.30	1.65	0.00	0.00	0.00	
11	0.28	3.05	0.75	0.73	78.65	263.20	249.50	3.90	1.65	0.00	0.00	0.00	
12	0.35	3.80	0.73	1.85	24.20	111.00	163.60	3.65	1.65	0.00	0.00	0.00	
13	0.60	7.80	0.80	1.85	12.90	52.00	129.80	3.40	1.65	0.00	0.00	0.00	
14	0.73	7.50	1.50	0.73	7.80	32.60	154.80	3.15	1.65	0.00	0.00	0.00	
15	0.43	5.80	1.45	1.50	4.30	33.20	116.20	3.15	1.10	0.00	0.00	0.00	
16	0.33	3.15	0.98	0.65	6.40	45.75	69.60	3.05	1.10	0.00	0.00	0.00	
17	0.28	7.50	0.63	0.73	6.20	39.50	49.75	3.90	0.93	0.00	0.00	0.00	
18	0.33	4.50	3.85	0.20	11.40	26.00	37.25	3.80	0.90	0.00	0.00	0.00	
19	0.45	8.00	8.20	0.60	5.50	20.20	27.20	3.65	0.85	0.00	0.00	0.00	
20	1.55	13.05	13.05	0.58	3.40	34.50	22.80	3.65	0.58	0.00	0.00	0.00	
21	1.30	4.40	9.30	0.03	2.80	45.25	17.25	3.40	0.50	0.00	0.00	0.00	
22	0.58	3.15	3.20	1.15	29.80	19.00	16.35	3.20	0.58	0.00	0.00	0.00	
23	2.75	3.15	2.10	0.10	9.70	11.40	13.95	2.95	0.53	0.00	0.00	0.00	
24	1.55	2.05	1.05	0.00	4.70	9.00	12.15	2.85	0.53	0.00	0.00	0.00	
25	0.58	1.35	2.05	0.00	2.80	6.50	11.00	2.70	0.50	0.00	0.00	0.00	
26	0.50	0.75	2.45	0.00	2.65	7.30	10.10	2.65	0.25	0.00	0.00	0.00	
27	0.50	0.88	40.75	0.00	1.85	7.20	9.30	2.65	0.20	0.00	0.00	0.00	
28	0.48	0.93	13.65	0.00	1.65	47.00	9.10	2.60	0.20	0.00	0.00	0.00	
29	2.60	7.90	37.75	4.90	2.25	33.60	8.10	2.35	0.33	0.00	0.00	0.00	
30	12.45	4.90	9.00	0.35	4.70	15.45	6.80	2.25	0.28	0.00	0.00	0.00	
31		16.35		3.40	7.90		6.10		0.18	0.00		0.00	
Total	28.62	194.71	171.17	50.55	635.20	1067.55	2341.05	114.50	36.04	0.08	8.16	0.00	4647.63 CMSDAY
Mean	0.95	6.28	5.71	1.63	20.49	35.59	75.52	3.82	1.16	0.00	0.28	0.00	12.70 CMS
Max	12.45	19.80	40.75	9.30	244.50	263.20	268.80	6.00	2.20	0.08	3.80	0.00	268.80 CMS
Min	0.00	0.75	0.63	0.00	0.35	6.50	6.10	2.25	0.18	0.00	0.00	0.00	0.00 CMS
Runoff	2.47	16.82	14.79	4.37	54.88	92.24	202.27	9.89	3.11	0.01	0.71	0.00	401.56 MCM
Momentary Peak		270.20	CMS.	at 145.13 m. (MSL.)	at 12.00 Hours	, on Oct 6, 2007							
Runoff Yield		12.28	Liters/Second/Square KM.		Momentary Peak Yield	260.56	Liters/Second/Square KM.						

WATER YEAR : 2007**PASAK RIVER BASIN****Lam Muak Lek at Ban Tharahad , Saraburi (S.7A)**

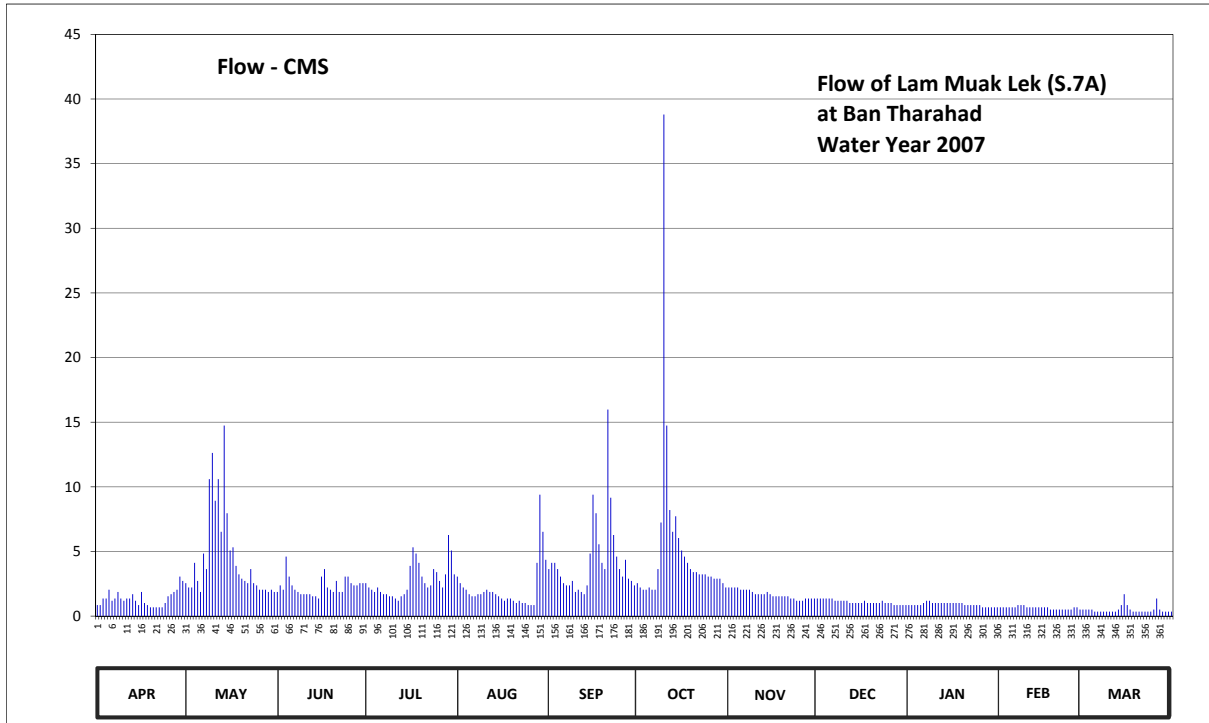
Lat 14 - 47 - 17 N Long 101 - 07 - 18 E

Location : on right bank at Ban Tharahad.

	Ban	Tharahad	Amphoe	Wang Muang	Changwat	Saraburi
Drainage Area	580	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 near the bridge.				Elevation	+11.282 m.(A.D.)
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	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 33 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.45	0.55	0.51	0.55	0.58	0.61	0.55	0.53	0.48	0.45	0.44	0.43	
2	0.45	0.53	0.54	0.53	0.55	0.63	0.53	0.53	0.48	0.45	0.44	0.43	
3	0.48	0.53	0.52	0.52	0.53	0.63	0.52	0.53	0.48	0.45	0.44	0.43	
4	0.48	0.63	0.65	0.51	0.52	0.61	0.52	0.53	0.48	0.45	0.44	0.43	
5	0.52	0.56	0.58	0.53	0.50	0.58	0.53	0.52	0.48	0.45	0.44	0.42	
6	0.47	0.51	0.54	0.51	0.49	0.55	0.52	0.52	0.48	0.46	0.44	0.42	
7	0.48	0.66	0.52	0.50	0.49	0.54	0.52	0.52	0.47	0.47	0.45	0.42	
8	0.51	0.61	0.51	0.50	0.50	0.54	0.61	0.52	0.47	0.47	0.45	0.42	
9	0.48	0.90	0.50	0.49	0.50	0.56	0.76	0.51	0.47	0.46	0.45	0.42	
10	0.47	0.97	0.50	0.49	0.51	0.51	1.70	0.50	0.47	0.46	0.44	0.42	
11	0.48	0.83	0.50	0.48	0.52	0.52	1.04	0.50	0.47	0.46	0.44	0.42	
12	0.48	0.90	0.50	0.47	0.51	0.51	0.80	0.50	0.46	0.46	0.44	0.42	
13	0.50	0.73	0.49	0.49	0.51	0.50	0.73	0.50	0.46	0.46	0.44	0.43	
14	0.47	1.04	0.49	0.50	0.50	0.54	0.78	0.51	0.46	0.46	0.44	0.45	
15	0.45	0.79	0.48	0.52	0.49	0.66	0.71	0.50	0.46	0.46	0.44	0.50	
16	0.51	0.67	0.58	0.62	0.48	0.85	0.67	0.49	0.46	0.46	0.44	0.45	
17	0.46	0.68	0.61	0.68	0.47	0.79	0.65	0.49	0.47	0.46	0.44	0.43	
18	0.45	0.62	0.53	0.66	0.48	0.69	0.63	0.49	0.46	0.46	0.43	0.42	
19	0.44	0.59	0.52	0.63	0.48	0.63	0.61	0.49	0.46	0.46	0.43	0.42	
20	0.44	0.57	0.51	0.58	0.47	0.61	0.60	0.49	0.46	0.45	0.43	0.42	
21	0.44	0.56	0.56	0.55	0.46	1.08	0.60	0.49	0.46	0.45	0.43	0.42	
22	0.44	0.55	0.51	0.53	0.47	0.84	0.59	0.48	0.46	0.45	0.43	0.42	
23	0.44	0.61	0.51	0.54	0.46	0.72	0.59	0.48	0.47	0.45	0.43	0.42	
24	0.46	0.55	0.58	0.61	0.46	0.65	0.59	0.47	0.46	0.45	0.43	0.42	
25	0.49	0.54	0.58	0.60	0.45	0.61	0.58	0.47	0.46	0.45	0.43	0.43	
26	0.50	0.52	0.55	0.56	0.45	0.58	0.58	0.47	0.46	0.44	0.44	0.48	
27	0.51	0.52	0.54	0.53	0.45	0.64	0.57	0.48	0.45	0.44	0.44	0.43	
28	0.52	0.52	0.54	0.59	0.63	0.57	0.57	0.48	0.45	0.44	0.43	0.42	
29	0.58	0.51	0.55	0.72	0.85	0.56	0.57	0.48	0.45	0.44	0.43	0.42	
30	0.56	0.52	0.55	0.67	0.73	0.54	0.55	0.48	0.45	0.44	0.44	0.42	
31		0.51		0.59	0.64		0.53		0.45	0.44		0.42	
Mean	0.48	0.64	0.54	0.56	0.52	0.63	0.65	0.50	0.46	0.45	0.44	0.43	
Max	0.58	1.04	0.65	0.72	0.85	1.08	1.70	0.53	0.48	0.47	0.45	0.50	1.70
Min	0.44	0.51	0.48	0.47	0.45	0.50	0.52	0.47	0.45	0.44	0.43	0.42	0.42
Annual Max Momentary Gage Height	2.68	m. (A.D.) ,		at 7.00 Hours , on Oct 10 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed -0.01 m. (A.D.)									
Left Bank Elevation	11.23	m. (A.D.) ,											
Right Bank Elevation	11.09	m. (A.D.) ,		Drainage Are	580	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.85	2.55	1.87	2.55	3.06	3.64	2.55	2.21	1.36	0.85	0.68	0.51	
2	0.85	2.21	2.38	2.21	2.55	4.12	2.21	2.21	1.36	0.85	0.68	0.51	
3	1.36	2.21	2.04	2.04	2.21	4.12	2.04	2.21	1.36	0.85	0.68	0.51	
4	1.36	4.12	4.60	1.87	2.04	3.64	2.04	2.21	1.36	0.85	0.68	0.51	
5	2.04	2.72	3.06	2.21	1.70	3.06	2.21	2.04	1.36	0.85	0.68	0.34	
6	1.19	1.87	2.38	1.87	1.53	2.55	2.04	2.04	1.36	1.02	0.68	0.34	
7	1.36	4.84	2.04	1.70	1.53	2.38	2.04	2.04	1.19	1.19	0.85	0.34	
8	1.87	3.64	1.87	1.70	1.70	2.38	3.64	2.04	1.19	1.19	0.85	0.34	
9	1.36	10.60	1.70	1.53	1.70	2.72	7.24	1.87	1.19	1.02	0.85	0.34	
10	1.19	12.63	1.70	1.53	1.87	1.87	38.80	1.70	1.19	1.02	0.68	0.34	
11	1.36	8.92	1.70	1.36	2.04	2.04	14.74	1.70	1.19	1.02	0.68	0.34	
12	1.36	10.60	1.70	1.19	1.87	1.87	8.20	1.70	1.02	1.02	0.68	0.34	
13	1.70	6.52	1.53	1.53	1.87	1.70	6.52	1.70	1.02	1.02	0.68	0.51	
14	1.19	14.74	1.53	1.70	1.70	2.38	7.72	1.87	1.02	1.02	0.68	0.85	
15	0.85	7.96	1.36	2.04	1.53	4.84	6.04	1.70	1.02	1.02	0.68	1.70	
16	1.87	5.08	3.06	3.88	1.36	9.40	5.08	1.53	1.02	1.02	0.68	0.85	
17	1.02	5.32	3.64	5.32	1.19	7.96	4.60	1.53	1.19	1.02	0.68	0.51	
18	0.85	3.88	2.21	4.84	1.36	5.56	4.12	1.53	1.02	1.02	0.51	0.34	
19	0.68	3.23	2.04	4.12	1.36	4.12	3.64	1.53	1.02	1.02	0.51	0.34	
20	0.68	2.89	1.87	3.06	1.19	3.64	3.40	1.53	1.02	0.85	0.51	0.34	
21	0.68	2.72	2.72	2.55	1.02	15.98	3.40	1.53	1.02	0.85	0.51	0.34	
22	0.68	2.55	1.87	2.21	1.19	9.16	3.23	1.36	1.02	0.85	0.51	0.34	
23	0.68	3.64	1.87	2.38	1.02	6.28	3.23	1.36	1.19	0.85	0.51	0.34	
24	1.02	2.55	3.06	3.64	1.02	4.60	3.23	1.19	1.02	0.85	0.51	0.34	
25	1.53	2.38	3.06	3.40	0.85	3.64	3.06	1.19	1.02	0.85	0.51	0.51	
26	1.70	2.04	2.55	2.72	0.85	3.06	3.06	1.19	1.02	0.68	0.68	1.36	
27	1.87	2.04	2.38	2.21	0.85	4.36	2.89	1.36	0.85	0.68	0.68	0.51	
28	2.04	2.04	2.38	3.23	4.12	2.89	2.89	1.36	0.85	0.68	0.51	0.34	
29	3.06	1.87	2.55	6.28	9.40	2.72	2.89	1.36	0.85	0.68	0.51	0.34	
30	2.72	2.04	2.55	5.08	6.52	2.38	2.55	1.36	0.85	0.68	0.51	0.34	
31		1.87		3.23	4.36		2.21		0.85	0.68		0.34	
Total	40.97	142.27	69.27	85.18	66.56	129.06	161.51	50.15	34.00	28.05	18.53	15.30	840.85 CMSDAY
Mean	1.37	4.59	2.31	2.75	2.15	4.30	5.21	1.67	1.10	0.90	0.64	0.49	2.30 CMS
Max	3.06	14.74	4.60	6.28	9.40	15.98	38.80	2.21	1.36	1.19	0.85	1.70	38.80 CMS
Min	0.68	1.87	1.36	1.19	0.85	1.70	2.04	1.19	0.85	0.68	0.51	0.34	0.34 CMS
Runoff	3.54	12.29	5.98	7.36	5.75	11.15	13.95	4.33	2.94	2.42	1.60	1.32	72.65 MCM
Momentary Peak	88.84 CMS. at 2.68 m. (A.D.) at 07.00 Hours , on Oct 10, 2007												
Runoff Yield	3.97 Liters/Second/Square KM.			Momentary Peak Yield 153.14 Liters/Second/Square KM.									

WATER YEAR : 2007**PASAK RIVER BASIN**

Pasak River at Ban Pa , Saraburi (S.9)

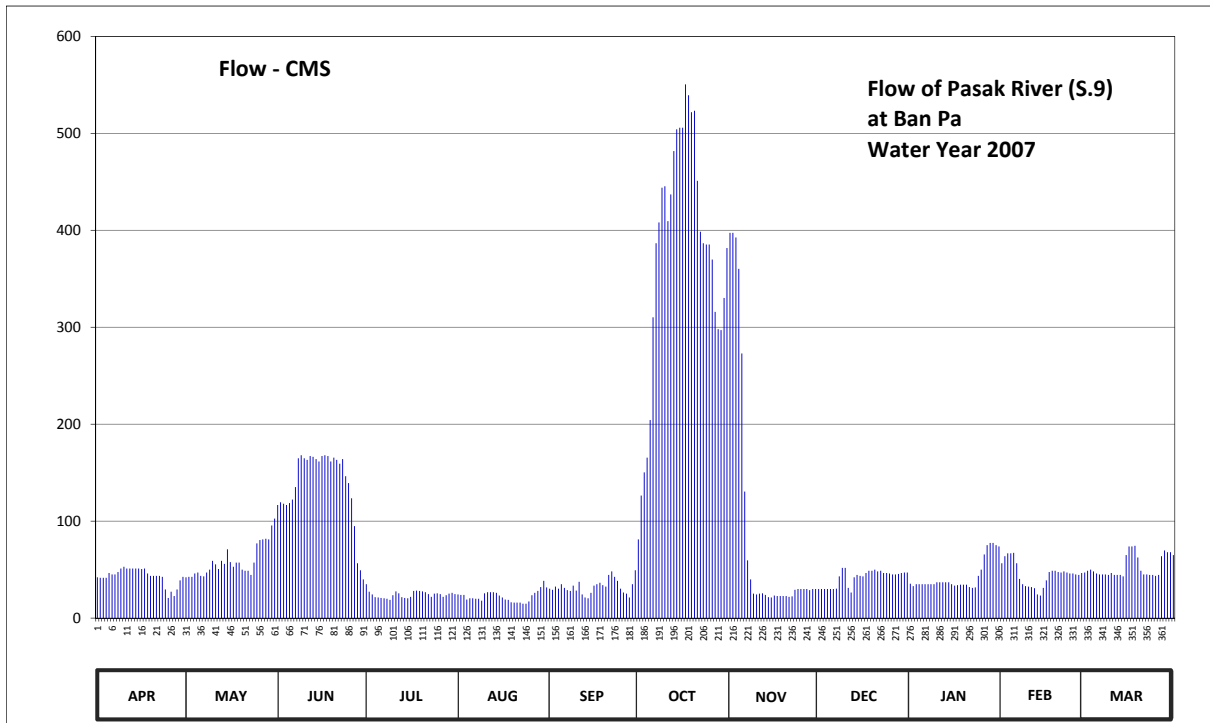
Lat 14 - 37 - 39 N Long 101 - 01 - 02 E

Location : on left bank at Ban Mueang Nua railway bridge.

	Ban Pa	Amphoe Kaeng Khoi	Changwat Saraburi
Drainage Area	14,233 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+7.490 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank under tamarind tree along the measuring line.	Elevation	+23.099 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 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. Flow regulated by Pasak Dam above gage site. Stage-discharge relation defined by 46 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.20	9.20	10.38	9.06	8.81	8.96	9.87	13.27	8.95	9.07	9.46	9.30	
2	9.19	9.21	10.42	8.88	8.80	8.93	10.52	13.27	8.95	9.02	9.58	9.33	
3	9.19	9.21	10.40	8.81	8.80	9.01	10.83	13.23	8.95	9.06	9.63	9.35	
4	9.19	9.28	10.38	8.74	8.68	8.96	11.02	12.96	8.95	9.06	9.63	9.32	
5	9.29	9.30	10.41	8.73	8.71	9.06	11.47	12.16	8.95	9.06	9.64	9.28	
6	9.26	9.23	10.46	8.72	8.71	8.98	12.53	10.58	8.95	9.06	9.46	9.26	
7	9.26	9.22	10.64	8.71	8.70	8.92	13.18	9.51	8.96	9.06	9.17	9.26	
8	9.31	9.30	11.01	8.70	8.70	8.90	13.36	9.16	9.22	9.06	9.06	9.26	
9	9.37	9.35	11.05	8.67	8.65	9.03	13.65	8.83	9.38	9.06	9.02	9.25	
10	9.40	9.50	11.01	8.79	8.84	8.91	13.66	8.81	9.38	9.10	9.01	9.29	
11	9.37	9.44	10.99	8.89	8.87	9.11	13.37	8.83	8.98	9.10	9.00	9.25	
12	9.37	9.36	11.04	8.84	8.87	8.81	13.60	8.84	8.86	9.10	8.97	9.25	
13	9.37	9.50	11.03	8.74	8.87	8.73	13.92	8.80	9.20	9.10	8.81	9.25	
14	9.37	9.45	11.00	8.72	8.85	8.71	14.07	8.74	9.25	9.10	8.78	9.22	
15	9.37	9.70	10.97	8.71	8.78	8.85	14.08	8.73	9.23	9.06	8.98	9.60	
16	9.36	9.48	11.04	8.75	8.73	9.03	14.08	8.78	9.22	9.03	9.14	9.75	
17	9.37	9.40	11.05	8.90	8.68	9.06	14.36	8.77	9.29	9.04	9.31	9.75	
18	9.28	9.47	11.04	8.91	8.67	9.09	14.29	8.77	9.33	9.05	9.33	9.76	
19	9.23	9.47	10.97	8.90	8.61	9.04	14.18	8.77	9.33	9.05	9.33	9.56	
20	9.23	9.35	11.02	8.89	8.60	9.01	14.19	8.77	9.35	9.05	9.31	9.33	
21	9.23	9.33	10.99	8.87	8.60	9.25	13.70	8.75	9.32	9.00	9.30	9.26	
22	9.23	9.33	10.94	8.82	8.60	9.32	13.28	8.76	9.33	8.98	9.32	9.26	
23	9.21	9.25	11.00	8.75	8.57	9.21	13.18	8.93	9.29	8.99	9.30	9.25	
24	8.94	9.47	10.78	8.83	8.57	9.13	13.17	8.95	9.29	9.23	9.28	9.25	
25	8.72	9.80	10.69	8.84	8.63	8.96	13.17	8.95	9.28	9.35	9.28	9.23	
26	8.88	9.86	10.48	8.82	8.79	8.86	13.04	8.95	9.26	9.61	9.26	9.25	
27	8.77	9.87	10.07	8.75	8.85	8.83	12.58	8.95	9.26	9.77	9.25	9.58	
28	8.94	9.88	9.46	8.79	8.90	8.73	12.41	8.92	9.27	9.81	9.29	9.68	
29	9.14	9.87	9.34	8.83	9.00	9.06	12.40	8.95	9.29	9.81	9.32	9.65	
30	9.21	10.08	9.16	8.85	9.13	9.34	12.71	8.95	9.30	9.77	9.22	9.65	
31		10.18		8.82	8.99		13.14		9.30	9.75		9.60	
Mean	9.21	9.49	10.64	8.81	8.76	8.99	13.00	9.62	9.19	9.21	9.25	9.40	
Max	9.40	10.18	11.05	9.06	9.13	9.34	14.36	13.27	9.38	9.81	9.64	9.76	14.36
Min	8.72	9.20	9.16	8.67	8.57	8.71	9.87	8.73	8.86	8.98	8.78	9.22	8.57
Annual Max Momentary Gage Height	14.39												at 18.00 Hours , on Oct 17, 2007
Zero Gage at Bottom Elevation		7.49					River Bed	5.32					m. (MSL.)
Left Bank Elevation			23.10										m. (MSL.)
Right Bank Elevation				22.57			Drainage Are	14,233					Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	42.00	42.00	116.60	35.00	24.40	30.40	81.20	397.40	30.00	35.50	56.60	47.00		
2	41.50	42.50	119.40	27.20	24.00	29.20	126.40	397.40	30.00	33.00	63.80	48.80		
3	41.50	42.50	118.00	24.40	24.00	32.50	150.40	392.60	30.00	35.00	66.80	50.00		
4	41.50	46.00	116.60	21.60	19.20	30.40	165.60	360.20	30.00	35.00	66.80	48.20		
5	46.50	47.00	118.70	21.20	20.40	35.00	204.30	273.00	30.00	35.00	67.40	46.00		
6	45.00	43.50	122.20	20.80	20.40	31.20	310.30	130.60	30.00	35.00	56.60	45.00		
7	45.00	43.00	135.20	20.40	20.00	28.80	386.60	59.60	30.40	35.00	40.50	45.00		
8	47.60	47.00	164.80	20.00	20.00	28.00	408.20	40.00	43.00	35.00	35.00	45.00		
9	51.20	50.00	168.00	18.80	18.00	33.50	444.00	25.20	51.80	35.00	33.00	44.50		
10	53.00	59.00	164.80	23.60	25.60	28.40	445.40	24.40	51.80	37.00	32.50	46.50		
11	51.20	55.40	163.20	27.60	26.80	37.50	409.40	25.20	31.20	37.00	32.00	44.50		
12	51.20	50.60	167.20	25.60	26.80	24.40	437.00	25.60	26.40	37.00	30.80	44.50		
13	51.20	59.00	166.40	21.60	26.80	21.20	481.80	24.00	42.00	37.00	24.40	44.50		
14	51.20	56.00	164.00	20.80	26.00	20.40	504.20	21.60	44.50	37.00	23.20	43.00		
15	51.20	71.00	161.60	20.40	23.20	26.00	505.80	21.20	43.50	35.00	31.20	65.00		
16	50.60	57.80	167.20	22.00	21.20	33.50	505.80	23.20	43.00	33.50	39.00	74.00		
17	51.20	53.00	168.00	28.00	19.20	35.00	550.60	22.80	46.50	34.00	47.60	74.00		
18	46.00	57.20	167.20	28.40	18.80	36.50	539.40	22.80	48.80	34.50	48.80	74.60		
19	43.50	57.20	161.60	28.00	16.40	34.00	521.80	22.80	48.80	34.50	48.80	62.60		
20	43.50	50.00	165.60	27.60	16.00	32.50	523.40	22.80	50.00	34.50	47.60	48.80		
21	43.50	48.80	163.20	26.80	16.00	44.50	451.00	22.00	48.20	32.00	47.00	45.00		
22	43.50	48.80	159.20	24.80	16.00	48.20	398.60	22.40	48.80	31.20	48.20	45.00		
23	42.50	44.50	164.00	22.00	14.80	42.50	386.60	29.20	46.50	31.60	47.00	44.50		
24	29.60	57.20	146.40	25.20	14.80	38.50	385.40	30.00	46.50	43.50	46.00	44.50		
25	20.80	77.00	139.20	25.60	17.20	30.40	385.40	30.00	46.00	50.00	46.00	43.50		
26	27.20	80.60	123.60	24.80	23.60	26.40	369.80	30.00	45.00	65.60	45.00	44.50		
27	22.80	81.20	94.90	22.00	26.00	25.20	315.80	30.00	45.00	75.20	44.50	63.80		
28	29.60	81.80	56.60	23.60	28.00	21.20	298.00	28.80	45.50	77.60	46.50	69.80		
29	39.00	81.20	49.40	25.20	32.00	35.00	297.00	30.00	46.50	77.60	48.20	68.00		
30	42.50	95.60	40.00	26.00	38.50	49.40	330.20	30.00	47.00	75.20		68.00		
31		102.60		24.80	31.60		381.80		47.00	74.00		65.00		
Total	1286.60	1829.00	4132.80	753.80	695.70	969.70	11701.20	2614.80	1293.70	1338.00	1310.80	1643.10	29569.20	CMSDAY
Mean	42.89	59.00	137.76	24.32	22.44	32.32	377.46	87.16	41.73	43.16	45.20	53.00	80.79	CMS
Max	53.00	102.60	168.00	35.00	38.50	49.40	550.60	397.40	51.80	77.60	67.40	74.60	550.60	CMS
Min	20.80	42.00	40.00	18.80	14.80	20.40	81.20	21.20	26.40	31.20	23.20	43.00	14.80	CMS
Runoff	111.16	158.03	357.07	65.13	60.11	83.78	1010.98	225.92	111.78	115.60	113.25	141.96	2554.78	MCM
Momentary Peak		555.40	CMS. at 14.39 m. (MSL.)				at 18.00 Hours ,	on Oct 17, 2007						
Runoff Yield		5.69	Liters/Second/Square KM.				Momentary Peak Yield	39.02	Liters/Second/Square KM.					

WATER YEAR : 2007

PASAK RIVER BASIN

Huai Nam Phung at Ban Hin Hao, Phetchabun (S.10)

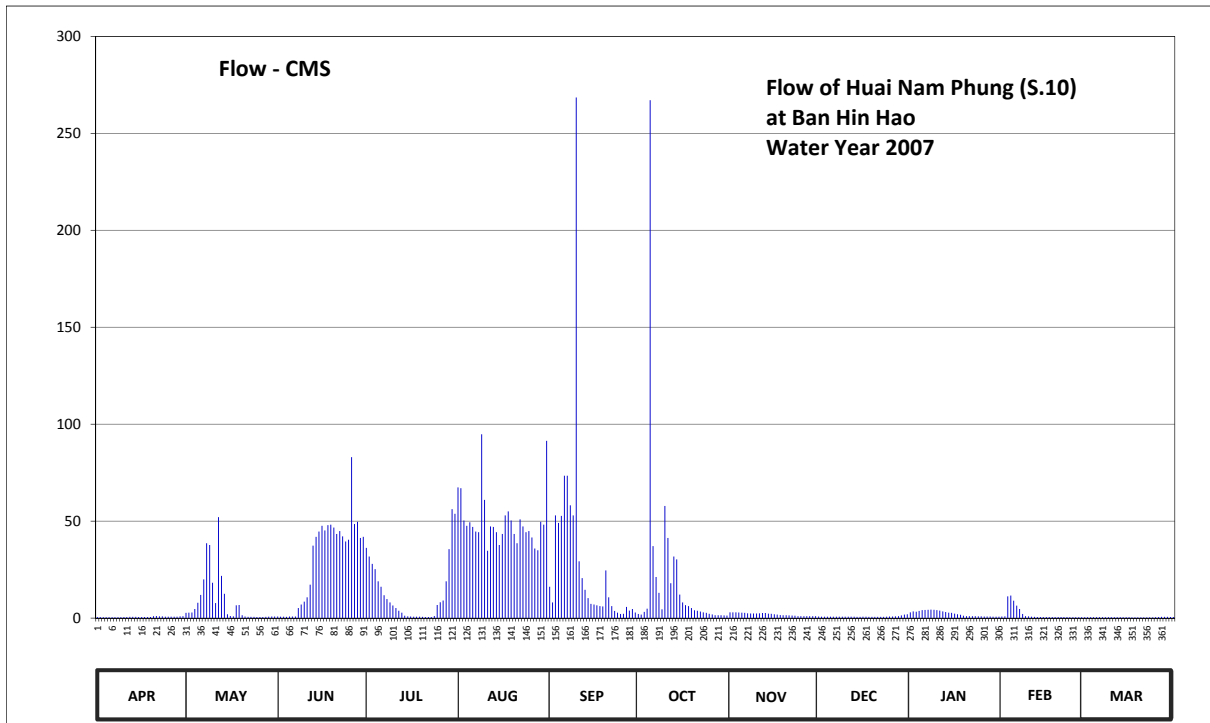
Lat 16 - 56 - 50 N Long 101 - 13 - 10 E

Location : on left bank at Ban Hin Hao.

	Ban Hin Hao	Amphoe Lom Kao	Changwat Phetchabun
Drainage Area	269 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+153.467 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+162.290 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	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 8 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	154.58	155.17	154.81	157.04	157.96	156.16	155.11	155.20	154.80	155.20	154.78	154.50	
2	154.56	155.18	154.76	156.87	157.95	155.67	155.08	155.20	154.77	155.25	154.88	154.50	
3	154.51	155.19	154.70	156.72	157.51	157.60	155.22	155.20	154.77	155.23	155.88	154.50	
4	154.49	155.37	154.66	156.61	157.42	157.47	155.39	155.19	154.77	155.27	155.91	154.49	
5	154.48	155.66	154.83	156.30	157.48	157.59	161.53	155.18	154.76	155.31	155.73	154.49	
6	154.47	155.93	154.78	156.16	157.40	158.11	157.07	155.17	154.75	155.32	155.54	154.48	
7	154.47	156.35	154.82	155.92	157.32	158.11	156.41	155.15	154.74	155.33	155.37	154.48	
8	154.48	157.12	155.42	155.79	157.31	157.73	156.00	155.14	154.73	155.34	155.11	154.48	
9	154.50	157.09	155.60	155.67	158.64	157.60	155.35	155.14	154.72	155.33	154.99	154.48	
10	154.58	156.26	155.70	155.55	157.80	161.55	157.72	155.14	154.72	155.31	154.87	154.48	
11	154.61	155.65	155.85	155.42	156.99	156.77	157.21	155.15	154.71	155.29	154.75	154.48	
12	154.66	157.57	156.21	155.28	157.41	156.38	156.25	155.16	154.70	155.25	154.66	154.48	
13	154.64	156.44	157.08	155.18	157.40	156.08	156.87	155.16	154.70	155.21	154.61	154.47	
14	154.63	155.97	157.23	155.02	157.31	155.82	156.81	155.13	154.69	155.18	154.61	154.47	
15	154.61	155.10	157.32	154.92	157.09	155.62	155.94	155.12	154.69	155.17	154.60	154.45	
16	154.61	155.01	157.42	154.84	157.28	155.60	155.67	155.10	154.70	155.13	154.59	154.45	
17	154.61	154.90	157.34	154.76	157.60	155.56	155.57	155.08	154.70	155.10	154.58	154.44	
18	154.59	155.56	157.43	154.74	157.65	155.52	155.52	155.06	154.69	155.07	154.58	154.44	
19	154.59	155.58	157.44	154.70	157.51	155.50	155.42	155.05	154.68	155.02	154.58	154.43	
20	154.95	155.05	157.39	154.65	157.28	156.58	155.30	155.05	154.67	154.99	154.58	154.42	
21	155.01	154.83	157.28	154.60	157.12	155.85	155.28	155.04	154.66	154.98	154.56	154.41	
22	154.94	154.65	157.33	154.57	157.53	155.52	155.24	155.03	154.66	154.98	154.55	154.40	
23	154.91	154.63	157.24	154.56	157.41	155.27	155.20	155.02	154.69	154.97	154.54	154.39	
24	154.76	154.62	157.15	155.01	157.31	155.18	155.17	155.00	154.73	154.92	154.52	154.40	
25	154.73	154.61	157.18	155.58	157.33	155.11	155.12	154.99	154.80	154.88	154.52	154.52	
26	154.73	154.61	158.35	155.68	157.22	155.12	155.09	154.99	154.84	154.86	154.53	154.60	
27	154.76	154.60	157.45	155.74	157.03	155.48	155.05	154.99	154.91	154.82	154.53	154.67	
28	154.75	154.62	157.49	156.30	157.00	155.29	155.05	154.98	154.98	154.78	154.52	154.66	
29	154.87	154.72	157.21	157.02	157.49	155.37	155.05	154.98	155.04	154.74	154.52	154.63	
30	154.97	154.78	157.23	157.68	157.44	155.19	155.04	155.00	155.08	154.72	154.52	154.60	
31		154.86		157.62	158.56		155.03		155.10	154.75		154.58	
Mean	154.67	155.41	156.49	155.69	157.48	156.35	155.86	155.09	154.77	155.09	154.83	154.49	
Max	155.01	157.57	158.35	157.68	158.64	161.55	161.53	155.20	155.10	155.34	155.91	154.67	161.55
Min	154.47	154.60	154.66	154.56	156.99	155.11	155.03	154.98	154.66	154.72	154.52	154.39	154.39
Annual Max Momentary Gage Height	162.23		m. (MSL.) ,				at 15.00 Hours ,						on Sep 10, 2007
Zero Gage at Bottom Elevation	153.46		m. (MSL.) ,			River Bed	153.75		m. (MSL.)				
Left Bank Elevation		163.42		m. (MSL.) ,									
Right Bank Elevation		163.36		m. (MSL.) ,		Drainage Are	269		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.58	2.70	0.81	36.20	67.40	16.20	2.10	3.00	0.80	3.00	0.78	0.50	
2	0.56	2.80	0.76	31.75	67.00	8.05	1.80	3.00	0.77	3.50	0.88	0.50	
3	0.51	2.90	0.70	28.00	50.30	53.00	3.20	3.00	0.77	3.30	11.20	0.50	
4	0.49	4.70	0.66	25.25	47.60	49.10	4.90	2.90	0.77	3.70	11.65	0.49	
5	0.48	7.90	0.83	19.00	49.40	52.70	267.10	2.80	0.76	4.10	8.95	0.49	
6	0.47	11.95	0.78	16.20	47.00	73.40	37.10	2.70	0.75	4.20	6.40	0.48	
7	0.47	20.00	0.82	11.80	44.60	73.40	21.20	2.50	0.74	4.30	4.70	0.48	
8	0.48	38.60	5.20	9.85	44.30	58.20	13.00	2.40	0.73	4.40	2.10	0.48	
9	0.50	37.70	7.00	8.05	94.80	53.00	4.50	2.40	0.72	4.30	0.99	0.48	
10	0.58	18.20	8.50	6.50	61.00	268.50	57.80	2.40	0.72	4.10	0.87	0.48	
11	0.61	7.75	10.75	5.20	34.75	29.25	41.30	2.50	0.71	3.90	0.75	0.48	
12	0.66	52.10	17.20	3.80	47.30	20.60	18.00	2.60	0.70	3.50	0.66	0.48	
13	0.64	21.80	37.40	2.80	47.00	14.60	31.75	2.60	0.70	3.10	0.61	0.47	
14	0.63	12.55	41.90	1.20	44.30	10.30	30.25	2.30	0.69	2.80	0.61	0.47	
15	0.61	2.00	44.60	0.92	37.70	7.30	12.10	2.20	0.69	2.70	0.60	0.45	
16	0.61	1.10	47.60	0.84	43.40	7.00	8.05	2.00	0.70	2.30	0.59	0.45	
17	0.61	0.90	45.20	0.76	53.00	6.60	6.70	1.80	0.70	2.00	0.58	0.44	
18	0.59	6.60	47.90	0.74	55.00	6.20	6.20	1.60	0.69	1.70	0.58	0.44	
19	0.59	6.80	48.20	0.70	50.30	6.00	5.20	1.50	0.68	1.20	0.58	0.43	
20	0.95	1.50	46.70	0.65	43.40	24.60	4.00	1.50	0.67	0.99	0.58	0.42	
21	1.10	0.83	43.40	0.60	38.60	10.75	3.80	1.40	0.66	0.98	0.56	0.41	
22	0.94	0.65	44.90	0.57	50.90	6.20	3.40	1.30	0.66	0.98	0.55	0.40	
23	0.91	0.63	42.20	0.56	47.30	3.70	3.00	1.20	0.69	0.97	0.54	0.39	
24	0.76	0.62	39.50	1.10	44.30	2.80	2.70	1.00	0.73	0.92	0.52	0.40	
25	0.73	0.61	40.40	6.80	44.90	2.10	2.20	0.99	0.80	0.88	0.52	0.52	
26	0.73	0.61	83.00	8.20	41.60	2.20	1.90	0.99	0.84	0.86	0.53	0.60	
27	0.76	0.60	48.50	9.10	35.90	5.80	1.50	0.99	0.91	0.82	0.53	0.67	
28	0.75	0.62	49.70	19.00	35.00	3.90	1.50	0.98	0.98	0.78	0.52	0.66	
29	0.87	0.72	41.30	35.60	49.70	4.70	1.50	0.98	1.40	0.74	0.52	0.63	
30	0.97	0.78	41.90	56.20	48.20	2.90	1.40	1.00	1.80	0.72		0.60	
31		0.86		53.80	91.40		1.30		2.00	0.75		0.58	
Total	20.14	268.08	888.31	401.74	1557.35	883.05	600.45	58.53	25.93	72.49	59.45	15.27	4850.79 CMSDAY
Mean	0.67	8.65	29.61	12.96	50.24	29.44	19.37	1.95	0.84	2.34	2.05	0.49	13.25 CMS
Max	1.10	52.10	83.00	56.20	94.80	268.50	267.10	3.00	2.00	4.40	11.65	0.67	268.50 CMS
Min	0.47	0.60	0.66	0.56	34.75	2.10	1.30	0.98	0.66	0.72	0.52	0.39	0.39 CMS
Runoff	1.74	23.16	76.75	34.71	134.56	76.30	51.88	5.06	2.24	6.26	5.14	1.32	419.11 MCM
Momentary Peak		319.25	CMS.		at 162.23 m. (MSL.)								at 15.00 Hours , on Sep 10, 2007
Runoff Yield		49.40	Liters/Second/Square KM.										1186.80 Liters/Second/Square KM.

WATER YEAR : 2007

PASAK RIVER BASIN

Lam Kong at Ban Tha Lao, Phetchabun (S.12)

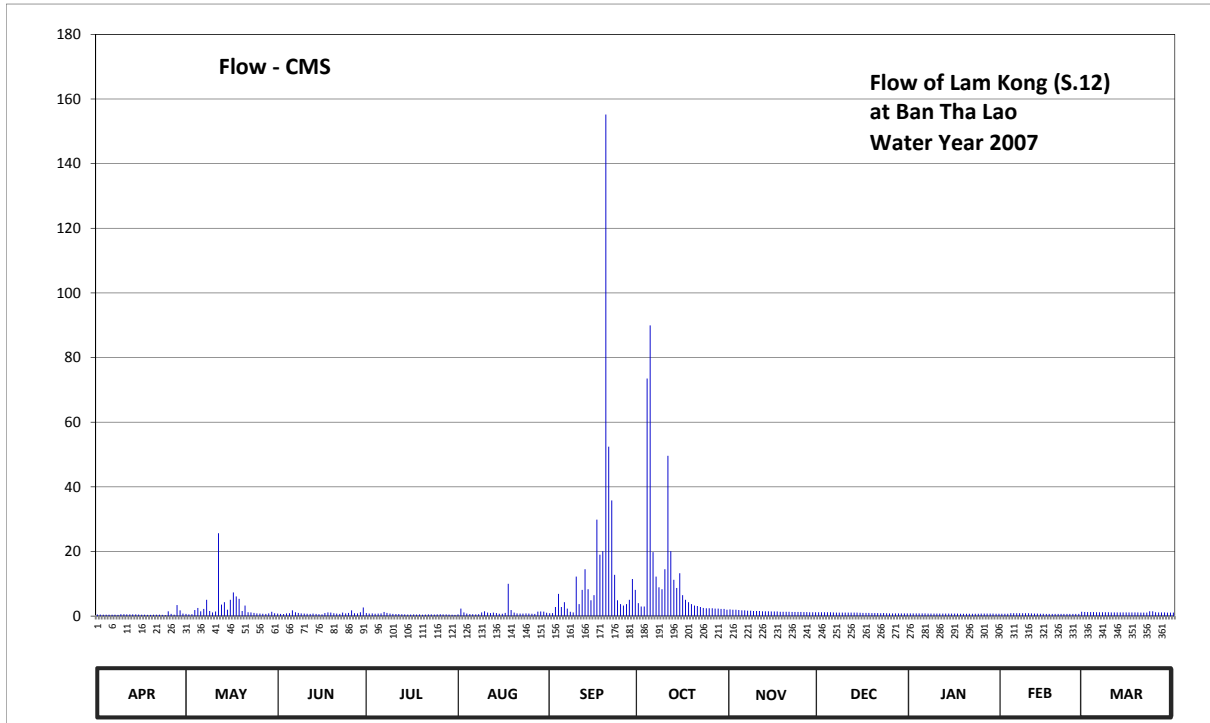
Lat 15 - 59 - 50 N Long 101 - 14 - 31 E

Location : on left bank at Ban Tha Lao.

	Ban	Tha Lao	Amphoe	Nong Phai	Changwat	Phetchabun
Drainage Area	477	sq.km.				
Type of Gage	Staff gage.					
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	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	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 good. Stage-discharge relation defined by 21 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	109.30	109.34	109.36	109.39	109.31	109.38	109.70	109.56	109.44	109.37	109.35	109.46	
2	109.30	109.31	109.34	109.36	109.58	109.39	109.63	109.55	109.44	109.37	109.35	109.45	
3	109.29	109.32	109.33	109.37	109.43	109.62	109.63	109.55	109.44	109.37	109.35	109.45	
4	109.29	109.54	109.37	109.35	109.36	109.87	111.75	109.54	109.44	109.37	109.38	109.45	
5	109.29	109.60	109.38	109.36	109.33	109.62	112.03	109.53	109.44	109.37	109.38	109.44	
6	109.29	109.50	109.53	109.37	109.32	109.72	110.41	109.53	109.43	109.37	109.38	109.44	
7	109.29	109.57	109.44	109.46	109.31	109.58	110.11	109.52	109.42	109.36	109.38	109.44	
8	109.28	109.77	109.40	109.40	109.32	109.47	109.97	109.52	109.42	109.36	109.38	109.44	
9	109.32	109.51	109.37	109.36	109.43	109.43	109.94	109.51	109.42	109.36	109.38	109.44	
10	109.32	109.43	109.36	109.34	109.50	110.11	110.20	109.51	109.42	109.36	109.38	109.43	
11	109.31	109.49	109.35	109.33	109.42	109.68	111.24	109.51	109.42	109.36	109.37	109.43	
12	109.31	110.59	109.34	109.33	109.39	109.93	110.42	109.50	109.42	109.36	109.36	109.43	
13	109.31	109.67	109.36	109.32	109.42	110.20	110.07	109.50	109.42	109.36	109.36	109.43	
14	109.31	109.72	109.34	109.31	109.39	109.94	109.96	109.50	109.42	109.36	109.35	109.43	
15	109.30	109.55	109.32	109.30	109.35	109.76	110.15	109.49	109.41	109.36	109.35	109.43	
16	109.29	109.77	109.31	109.30	109.35	109.85	109.85	109.49	109.40	109.36	109.34	109.43	
17	109.29	109.89	109.39	109.31	109.40	110.71	109.77	109.49	109.40	109.36	109.34	109.43	
18	109.28	109.83	109.43	109.30	110.02	110.38	109.72	109.47	109.40	109.35	109.34	109.43	
19	109.28	109.79	109.42	109.31	109.54	110.42	109.68	109.47	109.39	109.35	109.34	109.43	
20	109.29	109.51	109.38	109.29	109.42	112.94	109.65	109.47	109.39	109.35	109.34	109.42	
21	109.29	109.65	109.36	109.30	109.37	111.31	109.64	109.47	109.39	109.35	109.34	109.42	
22	109.29	109.44	109.34	109.31	109.36	110.88	109.62	109.46	109.38	109.35	109.34	109.42	
23	109.28	109.43	109.42	109.31	109.36	110.13	109.60	109.46	109.39	109.35	109.34	109.50	
24	109.26	109.40	109.37	109.30	109.37	109.76	109.59	109.46	109.38	109.35	109.34	109.50	
25	109.50	109.37	109.40	109.31	109.36	109.68	109.59	109.46	109.37	109.36	109.34	109.44	
26	109.34	109.36	109.53	109.32	109.35	109.65	109.59	109.45	109.37	109.36	109.34	109.43	
27	109.29	109.35	109.38	109.31	109.34	109.68	109.58	109.45	109.37	109.36	109.34	109.43	
28	109.66	109.34	109.37	109.31	109.48	109.77	109.58	109.44	109.37	109.36	109.47	109.43	
29	109.53	109.37	109.44	109.30	109.49	110.08	109.57	109.44	109.37	109.36	109.46	109.42	
30	109.36	109.47	109.61	109.29	109.48	109.93	109.57	109.44	109.37	109.35		109.42	
31		109.38		109.28	109.41		109.55		109.37	109.35		109.42	
Mean	109.32	109.56	109.39	109.33	109.42	110.03	109.98	109.49	109.40	109.36	109.36	109.44	
Max	109.66	110.59	109.61	109.46	110.02	112.94	112.03	109.56	109.44	109.37	109.47	109.50	112.94
Min	109.26	109.31	109.31	109.28	109.31	109.38	109.55	109.44	109.37	109.35	109.34	109.42	109.26
Annual Max Momentary Gage Height	114.69		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	108.59		m. (MSL.) ,			River Bed	108.76		m. (MSL.)				
Left Bank Elevation	114.72		m. (MSL.) ,										
Right Bank Elevation	115.29		m. (MSL.) ,			Drainage Are	477		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.50	0.70	0.80	0.95	0.55	0.90	4.00	2.10	1.20	0.85	0.75	1.30	
2	0.50	0.55	0.70	0.80	2.30	0.95	2.95	2.00	1.20	0.85	0.75	1.25	
3	0.45	0.60	0.65	0.85	1.15	2.80	2.95	2.00	1.20	0.85	0.75	1.25	
4	0.45	1.90	0.85	0.75	0.80	6.90	73.50	1.90	1.20	0.85	0.90	1.25	
5	0.45	2.50	0.90	0.80	0.65	2.80	89.94	1.80	1.20	0.85	0.90	1.20	
6	0.45	1.50	1.80	0.85	0.60	4.30	19.80	1.80	1.15	0.85	0.90	1.20	
7	0.45	2.20	1.20	1.30	0.55	2.30	12.25	1.70	1.10	0.80	0.90	1.20	
8	0.40	5.05	1.00	1.00	0.60	1.35	8.90	1.70	1.10	0.80	0.90	1.20	
9	0.60	1.60	0.85	0.80	1.15	1.15	8.30	1.60	1.10	0.80	0.90	1.20	
10	0.60	1.15	0.80	0.70	1.50	12.25	14.50	1.60	1.10	0.80	0.90	1.15	
11	0.55	1.45	0.75	0.65	1.10	3.70	49.60	1.60	1.10	0.80	0.85	1.15	
12	0.55	25.65	0.70	0.65	0.95	8.10	20.10	1.50	1.10	0.80	0.80	1.15	
13	0.55	3.55	0.80	0.60	1.10	14.50	11.25	1.50	1.10	0.80	0.80	1.15	
14	0.55	4.30	0.70	0.55	0.95	8.30	8.70	1.50	1.10	0.80	0.75	1.15	
15	0.50	2.00	0.60	0.50	0.75	4.90	13.25	1.45	1.05	0.80	0.75	1.15	
16	0.45	5.05	0.55	0.50	0.75	6.50	6.50	1.45	1.00	0.80	0.70	1.15	
17	0.45	7.30	0.95	0.55	1.00	29.85	5.05	1.45	1.00	0.80	0.70	1.15	
18	0.40	6.10	1.15	0.50	10.00	19.00	4.30	1.35	1.00	0.75	0.70	1.15	
19	0.40	5.35	1.10	0.55	1.90	20.10	3.70	1.35	0.95	0.75	0.70	1.15	
20	0.45	1.60	0.90	0.45	1.10	155.20	3.25	1.35	0.95	0.75	0.70	1.10	
21	0.45	3.25	0.80	0.50	0.85	52.45	3.10	1.35	0.95	0.75	0.70	1.10	
22	0.45	1.20	0.70	0.55	0.80	35.80	2.80	1.30	0.90	0.75	0.70	1.10	
23	0.40	1.15	1.10	0.55	0.80	12.75	2.50	1.30	0.95	0.75	0.70	1.50	
24	0.30	1.00	0.85	0.50	0.85	4.90	2.40	1.30	0.90	0.75	0.70	1.50	
25	1.50	0.85	1.00	0.55	0.80	3.70	2.40	1.30	0.85	0.80	0.70	1.20	
26	0.70	0.80	1.80	0.60	0.75	3.25	2.40	1.25	0.85	0.80	0.70	1.15	
27	0.45	0.75	0.90	0.55	0.70	3.70	2.30	1.25	0.85	0.80	0.70	1.15	
28	3.40	0.70	0.85	0.55	1.40	5.05	2.30	1.20	0.85	0.80	1.35	1.15	
29	1.80	0.85	1.20	0.50	1.45	11.50	2.20	1.20	0.85	0.80	1.30	1.10	
30	0.80	1.35	2.65	0.45	1.40	8.10	2.20	1.20	0.85	0.75		1.10	
31		0.90		0.40	1.05		2.00		0.85	0.75		1.10	
Total	19.95	92.90	29.60	20.00	40.30	447.05	389.39	45.35	31.55	24.65	23.55	36.80	1201.09 CMSDAY
Mean	0.66	3.00	0.99	0.65	1.30	14.90	12.56	1.51	1.02	0.80	0.81	1.19	3.28 CMS
Max	3.40	25.65	2.65	1.30	10.00	155.20	89.94	2.10	1.20	0.85	1.35	1.50	155.20 CMS
Min	0.30	0.55	0.55	0.40	0.55	0.90	2.00	1.20	0.85	0.75	0.70	1.10	0.30 CMS
Runoff	1.72	8.03	2.56	1.73	3.48	38.63	33.64	3.92	2.73	2.13	2.03	3.18	103.77 MCM
Momentary Peak	383.40	CMS.	at 114.69 m. (MSL.)	at 06.00 Hours	on Sep 20, 2007								
Runoff Yield	6.90	Liters/Second/Square KM.		Momentary Peak Yield	803.77	Liters/Second/Square KM.							

WATER YEAR : 2007

PASAK RIVER BASIN

Lam Sonthi at Ban Tha Yiam , Lop Buri (S.13)

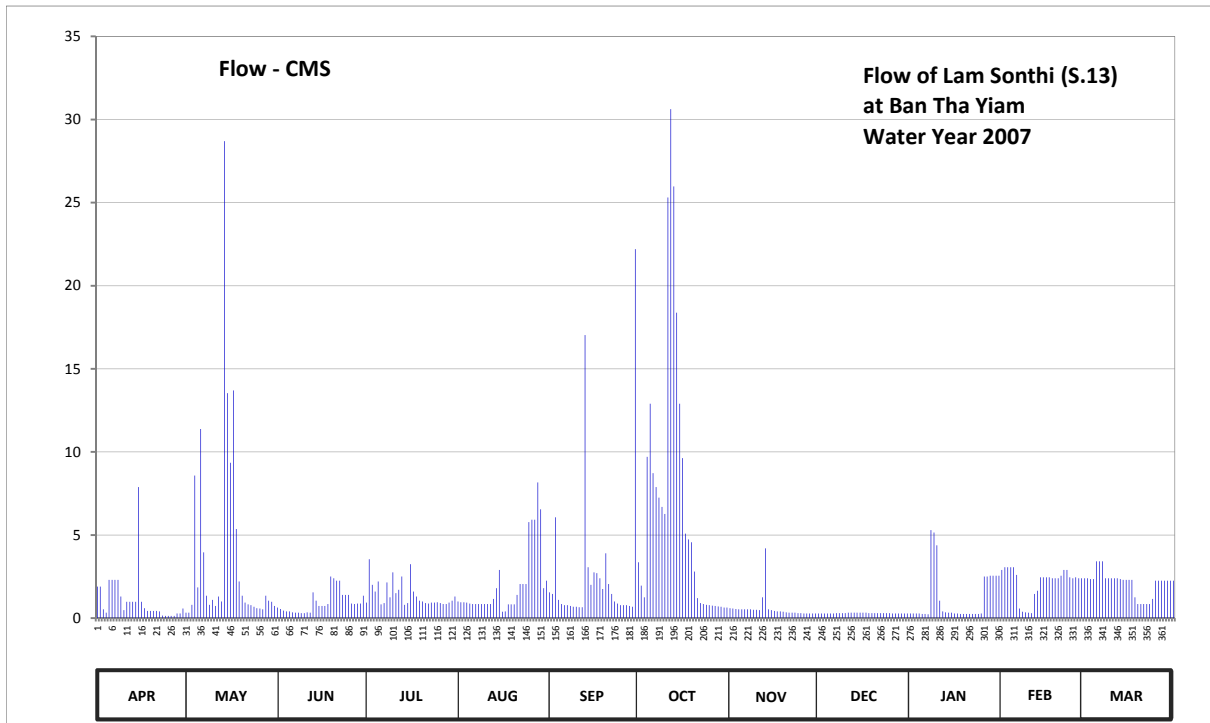
Lat 15 - 20 - 23 N Long 101 - 22 - 30 E

Location : on left bank near Wat Tha Yiam.

	Ban	Tha Yiam	Amphoe	Lam Sonthi	Changwat	Lop Buri
Drainage Area	357	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+80.910	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	About 15 meters from the top staff gage.				Elevation	+89.650 m. (MSL.)
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	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 the local weir about 200 meters downstream from the gage site. Stage-discharge relation defined by 28 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	81.78	81.33	81.45	81.57	81.60	81.71	82.06	81.44	81.31	81.31	81.98	81.88	
2	81.78	81.33	81.42	82.09	81.58	81.69	81.79	81.43	81.31	81.31	82.01	81.88	
3	81.41	81.52	81.38	81.80	81.58	82.48	81.65	81.42	81.31	81.31	82.01	81.87	
4	81.33	82.84	81.36	81.72	81.57	81.62	83.00	81.41	81.31	81.31	82.01	81.87	
5	81.86	81.77	81.36	81.84	81.55	81.54	83.40	81.41	81.31	81.30	82.01	82.07	
6	81.86	83.21	81.34	81.53	81.54	81.51	82.86	81.41	81.31	81.30	81.92	82.07	
7	81.86	82.16	81.33	81.56	81.54	81.51	82.74	81.41	81.32	81.29	81.43	82.07	
8	81.86	81.67	81.33	81.83	81.54	81.49	82.65	81.41	81.32	82.37	81.35	81.88	
9	81.66	81.52	81.32	81.65	81.54	81.47	82.57	81.40	81.32	82.35	81.34	81.88	
10	81.39	81.62	81.32	81.95	81.54	81.47	82.51	81.40	81.32	82.23	81.33	81.88	
11	81.59	81.49	81.34	81.70	81.54	81.46	84.71	81.39	81.33	81.61	81.32	81.88	
12	81.59	81.66	81.33	81.74	81.54	81.46	85.16	81.65	81.33	81.36	81.69	81.88	
13	81.59	81.60	81.71	81.90	81.63	83.87	84.77	82.20	81.33	81.34	81.73	81.87	
14	81.59	85.00	81.61	81.52	81.76	82.01	84.02	81.41	81.33	81.33	81.89	81.86	
15	82.74	83.48	81.49	81.56	81.98	81.80	83.40	81.39	81.33	81.33	81.89	81.86	
16	81.59	82.95	81.49	82.04	81.35	81.95	82.99	81.37	81.33	81.31	81.89	81.86	
17	81.44	83.50	81.49	81.72	81.36	81.94	82.34	81.36	81.33	81.31	81.89	81.86	
18	81.37	82.38	81.54	81.66	81.53	81.88	82.29	81.36	81.32	81.30	81.88	81.65	
19	81.37	81.84	81.90	81.61	81.53	81.75	82.26	81.35	81.32	81.30	81.88	81.54	
20	81.37	81.67	81.88	81.60	81.53	82.15	81.96	81.34	81.32	81.30	81.88	81.54	
21	81.37	81.57	81.85	81.56	81.68	81.81	81.64	81.33	81.32	81.30	81.91	81.54	
22	81.36	81.53	81.85	81.55	81.81	81.69	81.56	81.33	81.32	81.30	81.98	81.54	
23	81.26	81.51	81.68	81.57	81.81	81.60	81.54	81.33	81.32	81.30	81.98	81.54	
24	81.25	81.47	81.68	81.57	81.81	81.55	81.52	81.32	81.32	81.30	81.89	81.63	
25	81.25	81.44	81.68	81.58	82.44	81.51	81.51	81.32	81.32	81.31	81.88	81.85	
26	81.25	81.43	81.55	81.56	82.46	81.51	81.50	81.31	81.31	81.90	81.89	81.85	
27	81.25	81.41	81.54	81.54	82.46	81.51	81.49	81.31	81.31	81.90	81.88	81.85	
28	81.31	81.67	81.55	81.54	82.78	81.49	81.48	81.31	81.31	81.91	81.88	81.85	
29	81.31	81.61	81.55	81.57	82.55	81.47	81.47	81.31	81.31	81.91	81.88	81.85	
30	81.43	81.59	81.67	81.61	81.76	84.41	81.45	81.31	81.31	81.91	81.91	81.85	
31		81.49		81.66	81.85		81.45		81.31	81.91		81.85	
Mean	81.54	81.98	81.53	81.67	81.77	81.84	82.44	81.40	81.32	81.53	81.81	81.82	
Max	82.74	85.00	81.90	82.09	82.78	84.41	85.16	82.20	81.33	82.37	82.01	82.07	85.16
Min	81.25	81.33	81.32	81.52	81.35	81.46	81.45	81.31	81.31	81.29	81.32	81.54	81.25
Annual Max Momentary Gage Height	86.60		m. (MSL.) ,				at 13.00 Hours ,						
							on May 14 , 2007						
Zero Gage at Bottom Elevation	80.91		m. (MSL.) ,			River Bed	81.02	m. (MSL.) ,					
Left Bank Elevation	89.70		m. (MSL.) ,										
Right Bank Elevation	89.90		m. (MSL.) ,			Drainage Are	357	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.90	0.33	0.63	0.93	1.00	1.55	3.36	0.60	0.28	0.28	2.90	2.40	
2	1.90	0.33	0.55	3.54	0.95	1.45	1.95	0.58	0.28	0.28	3.06	2.40	
3	0.53	0.80	0.45	2.00	0.95	6.06	1.25	0.55	0.28	0.28	3.06	2.35	
4	0.33	8.58	0.40	1.60	0.93	1.10	9.70	0.53	0.28	0.28	3.06	2.35	
5	2.30	1.85	0.40	2.20	0.88	0.85	12.90	0.53	0.28	0.25	3.06	3.42	
6	2.30	11.38	0.35	0.83	0.85	0.78	8.72	0.53	0.28	0.25	2.60	3.42	
7	2.30	3.96	0.33	0.90	0.85	0.78	7.88	0.53	0.30	0.23	0.58	3.42	
8	2.30	1.35	0.33	2.15	0.85	0.73	7.25	0.53	0.30	5.29	0.38	2.40	
9	1.30	0.80	0.30	1.25	0.85	0.68	6.69	0.50	0.30	5.15	0.35	2.40	
10	0.48	1.10	0.30	2.75	0.85	0.68	6.27	0.50	0.30	4.38	0.33	2.40	
11	0.98	0.73	0.35	1.50	0.85	0.65	25.31	0.48	0.33	1.05	0.30	2.40	
12	0.98	1.30	0.33	1.70	0.85	0.65	30.62	1.25	0.33	0.40	1.45	2.40	
13	0.98	1.00	1.55	2.50	1.15	17.03	25.97	4.20	0.33	0.35	1.65	2.35	
14	0.98	28.70	1.05	0.80	1.80	3.06	18.38	0.53	0.33	0.33	2.45	2.30	
15	7.88	13.54	0.73	0.90	2.90	2.00	12.90	0.48	0.33	0.33	2.45	2.30	
16	0.98	9.35	0.73	3.24	0.38	2.75	9.63	0.43	0.33	0.28	2.45	2.30	
17	0.60	13.70	0.73	1.60	0.40	2.70	5.08	0.40	0.33	0.28	2.45	2.30	
18	0.43	5.36	0.85	1.30	0.83	2.40	4.74	0.40	0.30	0.25	2.40	1.25	
19	0.43	2.20	2.50	1.05	0.83	1.75	4.56	0.38	0.30	0.25	2.40	0.85	
20	0.43	1.35	2.40	1.00	0.83	3.90	2.80	0.35	0.30	0.25	2.40	0.85	
21	0.43	0.93	2.25	0.90	1.40	2.05	1.20	0.33	0.30	0.25	2.55	0.85	
22	0.40	0.83	2.25	0.88	2.05	1.45	0.90	0.33	0.30	0.25	2.90	0.85	
23	0.15	0.78	1.40	0.93	2.05	1.00	0.85	0.33	0.30	0.25	2.90	0.85	
24	0.13	0.68	1.40	0.93	2.05	0.88	0.80	0.30	0.30	0.25	2.45	1.15	
25	0.13	0.60	1.40	0.95	5.78	0.78	0.78	0.30	0.30	0.28	2.40	2.25	
26	0.13	0.58	0.88	0.90	5.92	0.78	0.75	0.28	0.28	2.50	2.45	2.25	
27	0.13	0.53	0.85	0.85	5.92	0.78	0.73	0.28	0.28	2.50	2.40	2.25	
28	0.28	1.35	0.88	0.85	8.16	0.73	0.70	0.28	0.28	2.55	2.40	2.25	
29	0.28	1.05	0.88	0.93	6.55	0.68	0.68	0.28	0.28	2.55	2.40	2.25	
30	0.58	0.98	1.35	1.05	1.80	22.20	0.63	0.28	0.28	2.55		2.25	
31		0.73		1.30	2.25		0.63		0.28	2.55		2.25	
Total	32.95	116.75	28.80	44.21	63.71	82.88	214.61	17.27	9.27	36.92	62.63	65.71	775.71 CMSDAY
Mean	1.10	3.77	0.96	1.43	2.06	2.76	6.92	0.58	0.30	1.19	2.16	2.12	2.12 CMS
Max	7.88	28.70	2.50	3.54	8.16	22.20	30.62	4.20	0.33	5.29	3.06	3.42	30.62 CMS
Min	0.13	0.33	0.30	0.80	0.38	0.65	0.63	0.28	0.28	0.23	0.30	0.85	0.13 CMS
Runoff	2.85	10.09	2.49	3.82	5.50	7.16	18.54	1.49	0.80	3.19	5.41	5.68	67.02 MCM
Momentary Peak	49.50	CMS.	at 86.60 m. (MSL.)	at 13.00 Hours	on May 14, 2007								
Runoff Yield	5.95	Liters/Second/Square KM.		Momentary Peak Yield	138.57	Liters/Second/Square KM.							

WATER YEAR : 2007

PASAK RIVER BASIN

Lam Sonthi at Ban Tha Ruak , Lop Buri (S.14)

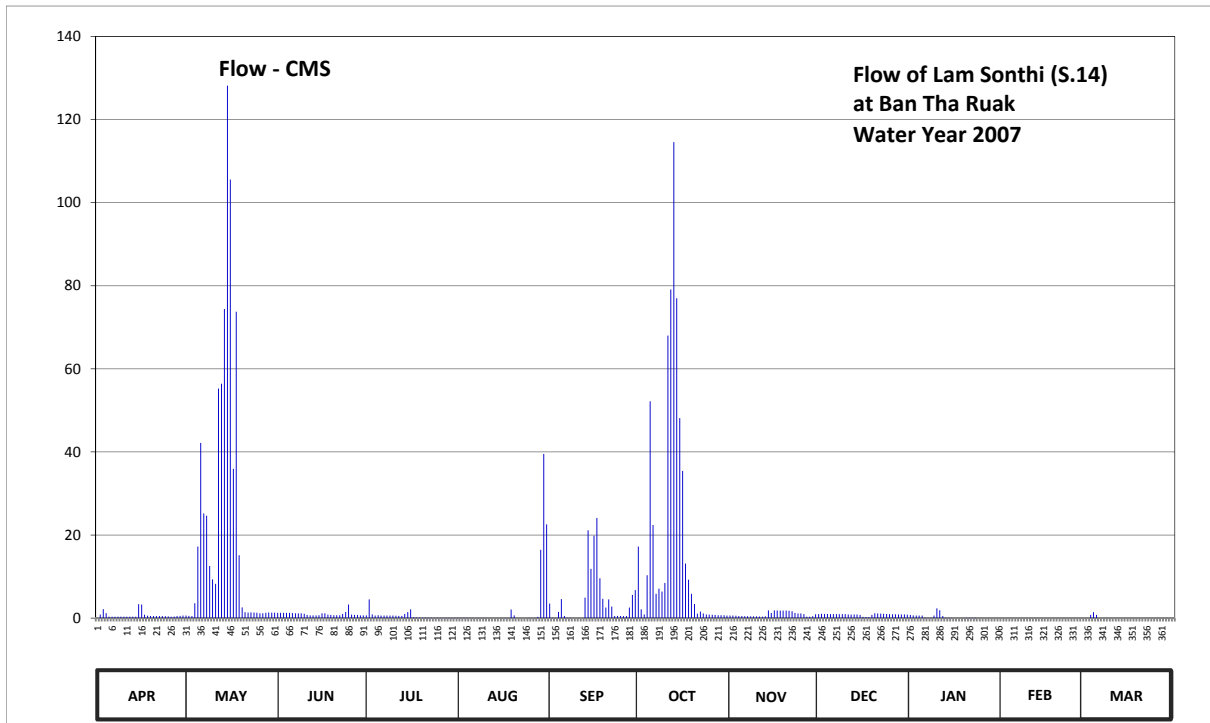
Lat 15 - 13 - 24 N Long 101 - 16 - 52 E

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	Water - stage recorder.					
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	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	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 good. Stage-discharge relation defined by 21 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	54.00	54.20	54.42	54.22	54.02	55.05	56.71	54.21	54.32	54.26	54.00	53.96	
2	54.28	54.18	54.42	55.27	54.02	54.03	54.70	54.20	54.34	54.22	53.99	53.90	
3	54.71	54.16	54.42	54.30	54.02	54.01	54.30	54.19	54.33	54.21	53.99	54.25	
4	54.40	55.07	54.42	54.21	54.02	54.50	56.08	54.17	54.33	54.21	54.00	54.47	
5	54.12	56.71	54.42	54.23	54.01	55.28	58.37	54.16	54.32	54.20	53.99	54.25	
6	54.11	57.99	54.41	54.21	54.01	54.16	57.05	54.15	54.32	54.04	53.99	53.97	
7	54.12	57.21	54.38	54.21	54.01	54.02	55.49	54.15	54.32	54.02	53.99	53.98	
8	54.12	57.18	54.38	54.21	54.01	54.02	55.70	54.14	54.32	54.02	53.98	53.98	
9	54.12	56.33	54.38	54.21	54.01	54.00	55.58	54.14	54.32	54.21	53.98	53.98	
10	54.12	55.97	54.34	54.20	54.01	53.98	55.87	54.14	54.32	54.76	53.97	53.98	
11	54.12	55.84	54.26	54.19	54.00	53.98	58.90	54.13	54.30	54.63	53.97	53.98	
12	54.12	58.48	54.22	54.18	54.00	53.98	59.24	54.12	54.28	54.17	53.97	53.99	
13	54.12	58.52	54.22	54.18	54.00	55.34	60.16	54.14	54.29	54.03	53.98	53.98	
14	54.12	59.10	54.22	54.33	54.00	56.97	59.18	54.62	54.30	54.02	53.97	53.98	
15	55.01	60.46	54.23	54.49	54.00	56.25	58.22	54.41	54.26	54.01	53.95	53.98	
16	54.99	59.94	54.39	54.70	54.01	56.89	57.71	54.62	54.10	54.00	53.95	53.98	
17	54.27	57.73	54.39	54.08	54.01	57.15	56.39	54.61	54.09	54.00	53.96	53.98	
18	54.19	59.08	54.28	54.05	54.01	56.00	55.96	54.60	54.08	54.00	53.96	53.98	
19	54.17	56.55	54.25	54.04	54.69	55.29	55.49	54.60	54.25	54.01	53.96	53.99	
20	54.16	54.82	54.23	54.04	54.22	54.81	55.02	54.60	54.38	54.03	53.95	53.99	
21	54.16	54.47	54.23	54.04	54.00	55.27	54.36	54.59	54.37	54.03	53.95	53.99	
22	54.16	54.45	54.23	54.03	54.00	54.87	54.53	54.55	54.36	54.03	53.95	53.99	
23	54.16	54.46	54.33	54.03	54.00	54.17	54.37	54.41	54.35	54.02	53.95	53.99	
24	54.15	54.45	54.49	54.03	54.00	54.18	54.29	54.37	54.33	54.00	53.95	53.98	
25	54.14	54.43	54.99	54.03	54.01	54.17	54.28	54.37	54.32	53.99	53.95	53.98	
26	54.12	54.39	54.28	54.03	54.01	54.17	54.27	54.32	54.31	53.99	53.96	53.99	
27	54.13	54.38	54.26	54.03	54.01	54.16	54.25	54.12	54.31	53.93	53.96	53.99	
28	54.16	54.42	54.25	54.03	54.10	54.81	54.23	54.11	54.29	53.99	53.96	53.99	
29	54.18	54.45	54.22	54.03	56.65	55.45	54.23	54.15	54.29	53.99	53.96	53.99	
30	54.20	54.43	54.22	54.03	57.88	55.64	54.23	54.31	54.29	53.98	53.99	53.99	
31		54.43		54.03	57.06		54.21		54.28	53.99		53.99	
Mean	54.23	56.07	54.34	54.19	54.35	54.89	55.92	54.31	54.29	54.10	53.97	54.01	
Max	55.01	60.46	54.99	55.27	57.88	57.15	60.16	54.62	54.38	54.76	54.00	54.47	60.46
Min	54.00	54.16	54.22	54.03	54.00	53.98	54.21	54.11	54.08	53.93	53.95	53.90	53.90
Annual Max Momentary Gage Height	60.66		m. (MSL.) ,				at 09.00 Hours ,		on May 15 , 2007				
Zero Gage at Bottom Elevation	52.58		m. (MSL.) ,			River Bed	53.19		m. (MSL.)				
Left Bank Elevation	63.82		m. (MSL.) ,										
Right Bank Elevation	63.84		m. (MSL.) ,			Drainage Are	1,263		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.60	1.26	0.66	0.06	3.50	17.23	0.63	0.96	0.78	0.00	0.00	
2	0.84	0.54	1.26	4.52	0.06	0.09	2.10	0.60	1.02	0.66	0.00	0.00	
3	2.14	0.48	1.26	0.90	0.06	0.03	0.90	0.57	0.99	0.63	0.00	0.75	
4	1.20	3.58	1.26	0.63	0.06	1.50	10.32	0.51	0.99	0.63	0.00	1.41	
5	0.36	17.23	1.26	0.69	0.03	4.58	52.16	0.48	0.96	0.60	0.00	0.75	
6	0.33	42.16	1.23	0.63	0.03	0.48	22.40	0.45	0.96	0.12	0.00	0.00	
7	0.36	25.18	1.14	0.63	0.03	0.06	5.84	0.45	0.96	0.06	0.00	0.00	
8	0.36	24.64	1.14	0.63	0.03	0.06	7.10	0.42	0.96	0.06	0.00	0.00	
9	0.36	12.57	1.14	0.63	0.03	0.00	6.38	0.42	0.96	0.63	0.00	0.00	
10	0.36	9.33	1.02	0.60	0.03	0.00	8.46	0.42	0.96	2.34	0.00	0.00	
11	0.36	8.22	0.78	0.57	0.00	0.00	68.00	0.39	0.90	1.89	0.00	0.00	
12	0.36	55.24	0.66	0.54	0.00	0.00	79.08	0.36	0.84	0.51	0.00	0.00	
13	0.36	56.40	0.66	0.54	0.00	4.94	114.56	0.42	0.87	0.09	0.00	0.00	
14	0.36	74.40	0.66	0.99	0.00	21.12	76.96	1.86	0.90	0.06	0.00	0.00	
15	3.34	128.16	0.69	1.47	0.00	11.85	48.12	1.23	0.78	0.03	0.00	0.00	
16	3.26	105.54	1.17	2.10	0.03	19.84	35.44	1.86	0.30	0.00	0.00	0.00	
17	0.81	35.92	1.17	0.24	0.03	24.10	13.11	1.83	0.27	0.00	0.00	0.00	
18	0.57	73.76	0.84	0.15	0.03	9.60	9.24	1.80	0.24	0.00	0.00	0.00	
19	0.51	15.15	0.75	0.12	2.07	4.64	5.84	1.80	0.75	0.03	0.00	0.00	
20	0.48	2.58	0.69	0.12	0.66	2.54	3.38	1.80	1.14	0.09	0.00	0.00	
21	0.48	1.41	0.69	0.12	0.00	4.52	1.08	1.77	1.11	0.09	0.00	0.00	
22	0.48	1.35	0.69	0.09	0.00	2.78	1.59	1.65	1.08	0.09	0.00	0.00	
23	0.48	1.38	0.99	0.09	0.00	0.51	1.11	1.23	1.05	0.06	0.00	0.00	
24	0.45	1.35	1.47	0.09	0.00	0.54	0.87	1.11	0.99	0.00	0.00	0.00	
25	0.42	1.29	3.26	0.09	0.03	0.51	0.84	1.11	0.96	0.00	0.00	0.00	
26	0.36	1.17	0.84	0.09	0.03	0.51	0.81	0.96	0.93	0.00	0.00	0.00	
27	0.39	1.14	0.78	0.09	0.03	0.48	0.75	0.36	0.93	0.00	0.00	0.00	
28	0.48	1.26	0.75	0.09	0.30	2.54	0.69	0.33	0.87	0.00	0.00	0.00	
29	0.54	1.35	0.66	0.09	16.45	5.60	0.69	0.45	0.87	0.00	0.00	0.00	
30	0.60	1.29	0.66	0.09	39.52	6.74	0.69	0.93	0.87	0.00	0.00	0.00	
31		1.29		0.09	22.56		0.63		0.84	0.00		0.00	
Total	21.40	705.96	30.83	18.38	82.16	133.66	596.37	28.20	27.21	9.45	0.00	2.91	1656.53 CMSDAY
Mean	0.71	22.77	1.03	0.59	2.65	4.46	19.24	0.94	0.88	0.30	0.00	0.09	4.53 CMS
Max	3.34	128.16	3.26	4.52	39.52	24.10	114.56	1.86	1.14	2.34	0.00	1.41	128.16 CMS
Min	0.00	0.48	0.66	0.09	0.00	0.00	0.63	0.33	0.24	0.00	0.00	0.00	0.00 CMS
Runoff	1.85	60.99	2.66	1.59	7.10	11.55	51.53	2.44	2.35	0.82	0.00	0.25	143.12 MCM
Momentary Peak		137.36 CMS.		at 60.66 m. (MSL.)		at 09.00 Hours ,		on May 15, 2007					
Runoff Yield		3.59		Liters/Second/Square KM.		Momentary Peak Yield	108.74		Liters/Second/Square KM.				

WATER YEAR : 2007

PASAK RIVER BASIN

Nam Chun at Ban Fai Wang Bon, Phetchabun (S.17)

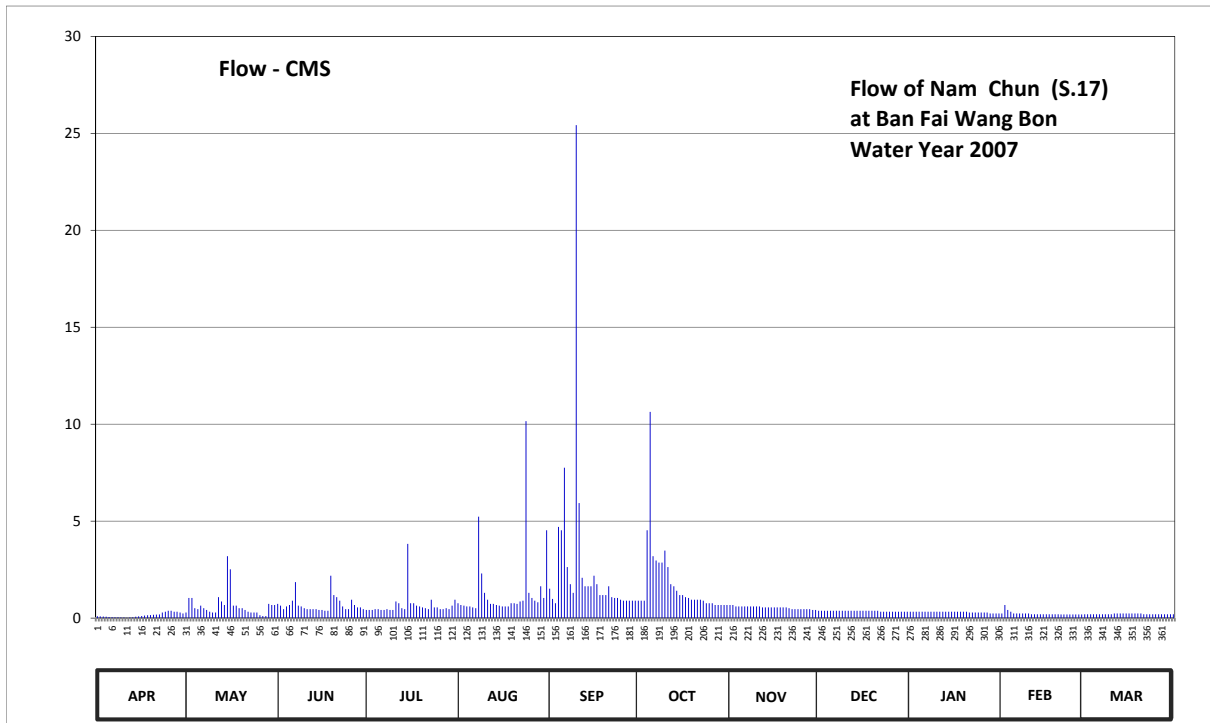
Lat 16 - 45 - 43 N Long 101 - 08 - 44 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 21 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	184.50	184.62	184.72	184.65	184.73	184.84	184.76	184.71	184.64	184.63	184.61	184.60	
2	184.49	184.79	184.70	184.65	184.71	184.78	184.76	184.71	184.64	184.63	184.71	184.60	
3	184.48	184.79	184.66	184.65	184.70	184.73	184.76	184.69	184.64	184.63	184.65	184.60	
4	184.47	184.67	184.69	184.66	184.69	185.08	185.07	184.69	184.64	184.63	184.63	184.60	
5	184.46	184.66	184.71	184.66	184.69	185.07	185.36	184.69	184.64	184.63	184.61	184.60	
6	184.45	184.70	184.76	184.65	184.68	185.24	184.99	184.69	184.64	184.63	184.61	184.60	
7	184.44	184.67	184.87	184.65	184.67	184.94	184.97	184.69	184.64	184.63	184.61	184.60	
8	184.44	184.65	184.70	184.66	185.11	184.86	184.96	184.69	184.64	184.63	184.61	184.60	
9	184.43	184.63	184.69	184.65	184.91	184.82	184.96	184.69	184.64	184.63	184.61	184.60	
10	184.43	184.62	184.67	184.65	184.82	185.81	185.01	184.69	184.64	184.63	184.61	184.60	
11	184.42	184.62	184.66	184.75	184.77	185.15	184.94	184.69	184.64	184.63	184.60	184.61	
12	184.43	184.80	184.66	184.73	184.72	184.89	184.86	184.68	184.64	184.63	184.60	184.61	
13	184.44	184.75	184.66	184.67	184.72	184.85	184.85	184.68	184.64	184.63	184.60	184.61	
14	184.47	184.71	184.66	184.66	184.71	184.85	184.83	184.68	184.64	184.63	184.60	184.61	
15	184.49	184.99	184.65	185.03	184.70	184.85	184.81	184.68	184.64	184.63	184.60	184.61	
16	184.51	184.93	184.65	184.73	184.69	184.90	184.81	184.68	184.64	184.63	184.60	184.61	
17	184.53	184.70	184.64	184.73	184.69	184.86	184.80	184.68	184.64	184.63	184.60	184.61	
18	184.55	184.70	184.64	184.70	184.69	184.81	184.79	184.68	184.64	184.63	184.60	184.61	
19	184.56	184.67	184.90	184.69	184.73	184.81	184.77	184.68	184.64	184.63	184.60	184.61	
20	184.57	184.67	184.81	184.68	184.73	184.81	184.77	184.68	184.64	184.63	184.60	184.61	
21	184.58	184.65	184.80	184.67	184.72	184.85	184.77	184.67	184.64	184.62	184.59	184.60	
22	184.59	184.63	184.76	184.66	184.75	184.80	184.77	184.66	184.63	184.62	184.59	184.60	
23	184.62	184.62	184.69	184.77	184.76	184.79	184.76	184.66	184.63	184.62	184.59	184.60	
24	184.63	184.62	184.66	184.68	185.34	184.79	184.73	184.66	184.63	184.62	184.59	184.60	
25	184.64	184.62	184.66	184.68	184.82	184.77	184.73	184.66	184.63	184.62	184.59	184.60	
26	184.64	184.55	184.77	184.66	184.79	184.76	184.73	184.66	184.63	184.62	184.59	184.60	
27	184.63	184.51	184.71	184.66	184.76	184.76	184.71	184.66	184.63	184.62	184.59	184.60	
28	184.63	184.51	184.68	184.67	184.74	184.76	184.71	184.66	184.63	184.61	184.59	184.60	
29	184.62	184.72	184.68	184.66	184.85	184.76	184.71	184.65	184.63	184.61	184.59	184.60	
30	184.61	184.71	184.66	184.70	184.79	184.76	184.71	184.65	184.63	184.61	184.60	184.60	
31		184.71		184.77	185.07		184.71		184.63	184.61		184.60	
Mean	184.53	184.68	184.71	184.69	184.78	184.89	184.83	184.68	184.64	184.63	184.61	184.60	
Max	184.64	184.99	184.90	185.03	185.34	185.81	185.36	184.71	184.64	184.63	184.71	184.61	185.81
Min	184.42	184.51	184.64	184.65	184.67	184.73	184.71	184.65	184.63	184.61	184.59	184.60	184.42
Annual Max Momentary Gage Height	186.11		m. (MSL.) ,				at 18.00 Hours ,						on May 15 , 2007
Zero Gage at Bottom Elevation	184.61		m. (MSL.) ,			River Bed	184.42		m. (MSL.)				
Left Bank Elevation		192.16		m. (MSL.) ,									
Right Bank Elevation		192.07		m. (MSL.) ,		Drainage Are	66		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.29	0.73	0.42	0.77	1.52	0.90	0.68	0.38	0.33	0.24	0.20	
2	0.09	1.04	0.64	0.42	0.68	0.99	0.90	0.68	0.38	0.33	0.68	0.20	
3	0.08	1.04	0.46	0.42	0.64	0.77	0.90	0.60	0.38	0.33	0.42	0.20	
4	0.07	0.51	0.60	0.46	0.60	4.70	4.53	0.60	0.38	0.33	0.33	0.20	
5	0.06	0.46	0.68	0.46	0.60	4.53	10.64	0.60	0.38	0.33	0.24	0.20	
6	0.05	0.64	0.90	0.42	0.55	7.76	3.19	0.60	0.38	0.33	0.24	0.20	
7	0.04	0.51	1.86	0.42	0.51	2.63	2.97	0.60	0.38	0.33	0.24	0.20	
8	0.04	0.42	0.64	0.46	5.23	1.75	2.86	0.60	0.38	0.33	0.24	0.20	
9	0.03	0.33	0.60	0.42	2.30	1.30	2.86	0.60	0.38	0.33	0.24	0.20	
10	0.03	0.29	0.51	0.42	1.30	25.42	3.48	0.60	0.38	0.33	0.24	0.20	
11	0.02	0.29	0.46	0.86	0.95	5.93	2.63	0.60	0.38	0.33	0.20	0.24	
12	0.03	1.08	0.46	0.77	0.73	2.08	1.75	0.55	0.38	0.33	0.20	0.24	
13	0.04	0.86	0.46	0.51	0.73	1.64	1.64	0.55	0.38	0.33	0.20	0.24	
14	0.07	0.68	0.46	0.46	0.68	1.64	1.41	0.55	0.38	0.33	0.20	0.24	
15	0.09	3.19	0.42	3.83	0.64	1.64	1.19	0.55	0.38	0.33	0.20	0.24	
16	0.11	2.52	0.42	0.77	0.60	2.19	1.19	0.55	0.38	0.33	0.20	0.24	
17	0.13	0.64	0.38	0.77	0.60	1.75	1.08	0.55	0.38	0.33	0.20	0.24	
18	0.15	0.64	0.38	0.64	0.60	1.19	1.04	0.55	0.38	0.33	0.20	0.24	
19	0.16	0.51	2.19	0.60	0.77	1.19	0.95	0.55	0.38	0.33	0.20	0.24	
20	0.17	0.51	1.19	0.55	0.77	1.19	0.95	0.55	0.38	0.33	0.20	0.24	
21	0.18	0.42	1.08	0.51	0.73	1.64	0.95	0.51	0.38	0.29	0.19	0.20	
22	0.19	0.33	0.90	0.46	0.86	1.08	0.95	0.46	0.33	0.29	0.19	0.20	
23	0.29	0.29	0.60	0.95	0.90	1.04	0.90	0.46	0.33	0.29	0.19	0.20	
24	0.33	0.29	0.46	0.55	10.16	1.04	0.77	0.46	0.33	0.29	0.19	0.20	
25	0.38	0.29	0.46	0.55	1.30	0.95	0.77	0.46	0.33	0.29	0.19	0.20	
26	0.38	0.15	0.95	0.46	1.04	0.90	0.77	0.46	0.33	0.29	0.19	0.20	
27	0.33	0.11	0.68	0.46	0.90	0.90	0.68	0.46	0.33	0.29	0.19	0.20	
28	0.33	0.11	0.55	0.51	0.82	0.90	0.68	0.46	0.33	0.24	0.19	0.20	
29	0.29	0.73	0.55	0.46	1.64	0.90	0.68	0.42	0.33	0.24	0.19	0.20	
30	0.24	0.68	0.46	0.64	1.04	0.90	0.68	0.42	0.33	0.24		0.20	
31		0.68		0.95	4.53		0.68		0.33	0.24		0.20	
Total	4.50	20.53	21.13	20.58	44.17	82.06	55.57	16.28	11.28	9.59	6.82	6.60	299.11 CMSDAY
Mean	0.15	0.66	0.70	0.66	1.42	2.74	1.79	0.54	0.36	0.31	0.24	0.21	0.82 CMS
Max	0.38	3.19	2.19	3.83	10.16	25.42	10.64	0.68	0.38	0.33	0.68	0.24	25.42 CMS
Min	0.02	0.11	0.38	0.42	0.51	0.77	0.68	0.42	0.33	0.24	0.19	0.20	0.02 CMS
Runoff	0.39	1.77	1.83	1.78	3.82	7.09	4.80	1.41	0.97	0.83	0.59	0.57	25.84 MCM
Momentary Peak	38.35	CMS. at 186.11 m. (MSL.) at 18.00 Hours , on May 15, 2007											
Runoff Yield	12.42	Liters/Second/Square KM.		Momentary Peak Yield		581.06	Liters/Second/Square KM.						

WATER YEAR : 2007

PASAK RIVER BASIN

Pasak River at Ban Kham Phran, Lop Buri (S.28A)

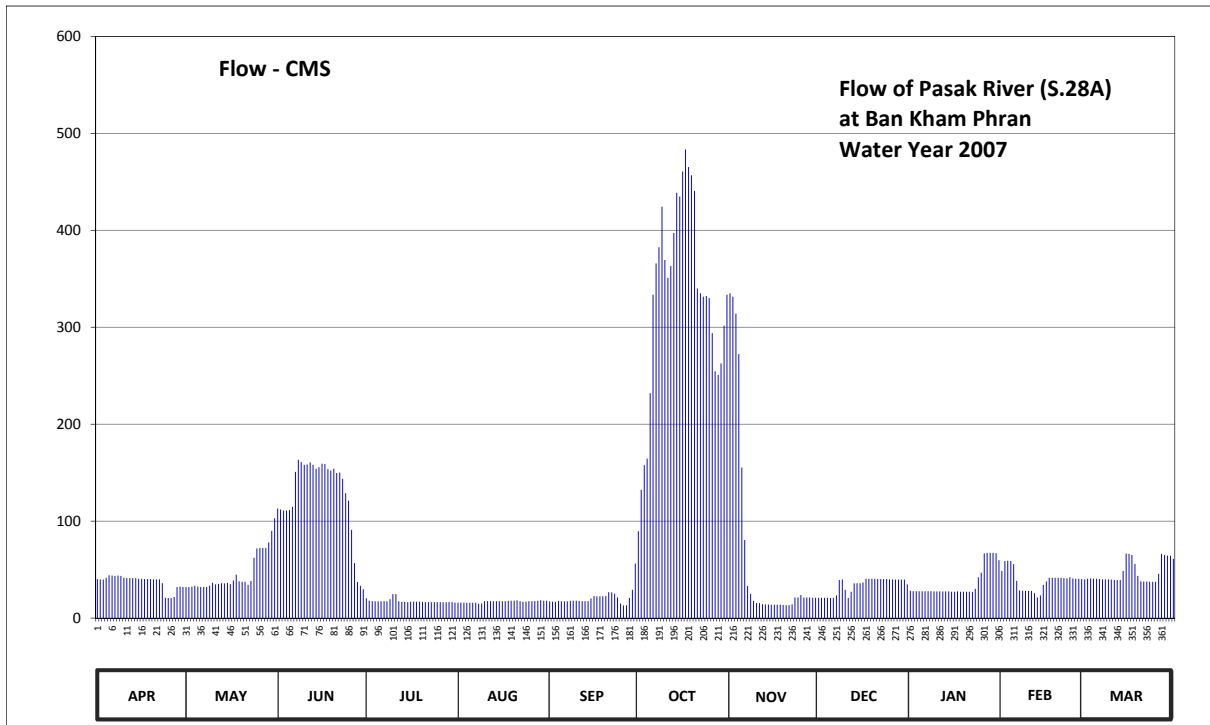
Lat 14 - 50 - 21 N Long 101 - 04 - 08 E

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 49 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.61	17.28	19.86	16.82	16.64	16.69	19.19	24.50	16.84	17.13	17.89	17.60	
2	17.60	17.28	19.83	16.72	16.64	16.68	20.41	24.45	16.84	17.11	18.23	17.62	
3	17.59	17.30	19.80	16.70	16.64	16.67	21.08	24.20	16.84	17.11	18.24	17.63	
4	17.65	17.33	19.80	16.69	16.63	16.71	21.25	23.53	16.84	17.11	18.23	17.62	
5	17.74	17.30	19.81	16.69	16.63	16.69	22.79	21.02	16.83	17.11	18.12	17.62	
6	17.73	17.28	19.91	16.69	16.63	16.69	24.48	18.93	16.83	17.11	17.54	17.61	
7	17.72	17.29	20.91	16.70	16.63	16.69	24.94	17.32	16.94	17.11	17.14	17.60	
8	17.73	17.29	21.22	16.69	16.59	16.71	25.18	17.00	17.57	17.11	17.13	17.60	
9	17.72	17.34	21.16	16.78	16.61	16.72	25.71	16.71	17.60	17.10	17.12	17.60	
10	17.65	17.46	21.09	16.99	16.70	16.72	24.99	16.62	17.17	17.10	17.12	17.59	
11	17.64	17.39	21.10	16.99	16.70	16.71	24.73	16.62	16.83	17.10	17.12	17.58	
12	17.64	17.41	21.15	16.69	16.70	16.70	24.90	16.57	17.09	17.10	17.03	17.57	
13	17.64	17.44	21.09	16.67	16.70	16.70	25.39	16.55	17.43	17.10	16.85	17.57	
14	17.64	17.43	20.99	16.67	16.70	16.70	25.86	16.55	17.44	17.10	16.94	17.89	
15	17.62	17.45	21.03	16.66	16.70	16.81	25.82	16.54	17.44	17.09	17.37	18.49	
16	17.62	17.40	21.12	16.67	16.70	16.91	26.09	16.54	17.47	17.09	17.51	18.48	
17	17.61	17.55	21.11	16.68	16.70	16.90	26.33	16.54	17.62	17.10	17.65	18.44	
18	17.61	17.76	20.98	16.68	16.71	16.90	26.14	16.54	17.62	17.09	17.66	18.13	
19	17.61	17.52	20.94	16.68	16.72	16.90	26.05	16.53	17.62	17.09	17.65	17.72	
20	17.60	17.50	20.99	16.67	16.72	16.91	25.88	16.52	17.62	17.09	17.65	17.52	
21	17.60	17.50	20.88	16.66	16.73	17.07	24.57	16.52	17.61	17.09	17.65	17.51	
22	17.60	17.37	20.89	16.66	16.70	17.06	24.50	16.56	17.61	17.08	17.64	17.51	
23	17.44	17.53	20.73	16.66	16.67	17.01	24.45	16.85	17.61	17.21	17.63	17.50	
24	16.84	18.34	20.31	16.66	16.68	16.85	24.46	16.85	17.61	17.67	17.67	17.50	
25	16.83	18.66	20.09	16.66	16.70	16.60	24.43	16.95	17.60	17.83	17.63	17.50	
26	16.83	18.68	19.23	16.66	16.70	16.50	23.89	16.85	17.60	18.49	17.62	17.79	
27	16.87	18.68	18.16	16.65	16.70	16.51	23.23	16.85	17.59	18.51	17.62	18.48	
28	17.28	18.68	17.49	16.65	16.72	16.83	23.16	16.85	17.59	18.51	17.61	18.44	
29	17.30	18.86	17.33	16.66	16.74	17.17	23.37	16.84	17.59	18.51	17.61	18.42	
30	17.29	19.20	17.19	16.66	16.72	18.14	24.01	16.84	17.59	18.50	18.50	18.41	
31		19.57		16.64	16.72		24.48		17.39	18.26		18.30	
Mean	17.50	17.78	20.21	16.70	16.68	16.83	24.25	17.92	17.35	17.41	17.55	17.83	
Max	17.74	19.57	21.22	16.99	16.74	18.14	26.33	24.50	17.62	18.51	18.24	18.49	26.33
Min	16.83	17.28	17.19	16.64	16.59	16.50	19.19	16.52	16.83	17.08	16.85	17.50	16.50
Annual Max Momentary Gage Height	26.50		m. (MSL.) ,				at 06.00 Hours ,						on Oct 17, 2007
Zero Gage at Bottom Elevation	15.50		m. (MSL.) ,			River Bed	15.14		m. (MSL.)				
Left Bank Elevation		31.46		m. (MSL.) ,									
Right Bank Elevation		33.65		m. (MSL.) ,		Drainage Are	12,843		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	40.30	32.00	113.10	20.50	16.00	17.25	89.65	335.00	21.00	28.25	48.70	40.00		
2	40.00	32.00	112.05	18.00	16.00	17.00	132.35	331.50	21.00	27.75	58.90	40.60		
3	39.75	32.50	111.00	17.50	16.00	16.75	157.70	314.00	21.00	27.75	59.20	40.90		
4	41.50	33.25	111.00	17.25	15.75	17.75	164.50	272.30	21.00	27.75	58.90	40.60		
5	44.20	32.50	111.35	17.25	15.75	17.25	232.00	155.30	20.75	27.75	55.60	40.60		
6	43.90	32.00	114.85	17.25	15.75	17.25	333.60	80.55	20.75	27.75	38.50	40.30		
7	43.60	32.25	150.90	17.50	15.75	17.25	365.80	33.00	23.50	27.75	28.50	40.00		
8	43.90	32.25	163.30	17.25	14.80	17.75	382.60	25.00	39.25	27.75	28.25	40.00		
9	43.60	33.50	160.90	19.50	15.25	18.00	424.45	17.75	40.00	27.50	28.00	40.00		
10	41.50	36.50	158.10	24.75	17.50	18.00	369.30	15.50	29.25	27.50	28.00	39.75		
11	41.20	34.75	158.50	24.75	17.50	17.75	351.10	15.50	20.75	27.50	28.00	39.50		
12	41.20	35.25	160.50	17.25	17.50	17.50	363.00	14.40	27.25	27.50	25.75	39.25		
13	41.20	36.00	158.10	16.75	17.50	17.50	397.30	14.00	35.75	27.50	21.25	39.25		
14	41.20	35.75	154.10	16.75	17.50	17.50	438.70	14.00	36.00	27.50	23.50	48.70		
15	40.60	36.25	155.70	16.50	17.50	20.25	434.90	13.80	36.00	27.25	34.25	66.70		
16	40.60	35.00	159.30	16.75	17.50	22.75	460.55	13.80	36.75	27.25	37.75	66.40		
17	40.30	38.75	158.90	17.00	17.50	22.50	483.35	13.80	40.60	27.50	41.50	65.20		
18	40.30	44.80	153.70	17.00	17.75	22.50	465.30	13.80	40.60	27.25	41.80	55.90		
19	40.30	38.00	152.10	17.00	18.00	22.50	456.75	13.60	40.60	27.25	41.50	43.60		
20	40.00	37.50	154.10	16.75	18.00	22.75	440.60	13.40	40.60	27.25	41.50	38.00		
21	40.00	37.50	149.70	16.50	18.25	26.75	339.90	13.40	40.30	27.25	41.50	37.75		
22	40.00	34.25	150.10	16.50	17.50	26.50	335.00	14.20	40.30	27.00	41.20	37.75		
23	36.00	38.25	143.70	16.50	16.75	25.25	331.50	21.25	40.30	30.25	40.90	37.50		
24	21.00	62.20	128.85	16.50	17.00	21.25	332.20	21.25	40.30	42.10	42.10	37.50		
25	20.75	71.80	121.15	16.50	17.50	15.00	330.10	23.75	40.00	46.90	40.90	37.50		
26	20.75	72.40	91.05	16.50	17.50	13.00	293.90	21.25	40.00	66.70	40.60	45.70		
27	21.75	72.40	56.80	16.25	17.50	13.20	254.65	21.25	39.75	67.30	40.60	66.40		
28	32.00	72.40	37.25	16.25	18.00	20.75	250.80	21.25	39.75	67.30	40.30	65.20		
29	32.50	78.10	33.25	16.50	18.50	29.25	262.70	21.00	39.75	67.30	40.30	64.60		
30	32.25	90.00	29.75	16.50	18.00	56.20	301.65	21.00	39.75	67.00		64.30		
31		102.95		16.00	18.00		333.60		34.75	59.80		61.00		
Total	1126.15	1433.05	3813.15	543.75	529.30	624.90	10309.50	1919.60	1047.35	1120.15	1137.75	1460.45	25065.10	CMSDAY
Mean	37.54	46.23	127.10	17.54	17.07	20.83	332.56	63.99	33.79	36.13	39.23	47.11	68.48	CMS
Max	44.20	102.95	163.30	24.75	18.50	56.20	483.35	335.00	40.60	67.30	59.20	66.70	483.35	CMS
Min	20.75	32.00	29.75	16.00	14.80	13.00	89.65	13.40	20.75	27.00	21.25	37.50	13.00	CMS
Runoff	97.30	123.82	329.46	46.98	45.73	53.99	890.74	165.85	90.49	96.78	98.30	126.18	2165.62	MCM
Momentary Peak	501.00	CMS.	at 26.50 m. (MSL.)				at 06.00 Hours ,	on Oct 17, 2007						
Runoff Yield	5.35	Liters/Second/Square KM.					Momentary Peak Yield	39.01	Liters/Second/Square KM.					

WATER YEAR : 2007

PASAK RIVER BASIN

Pasak River at Ban Tha Hi Yong , Phetchabun (S.33)

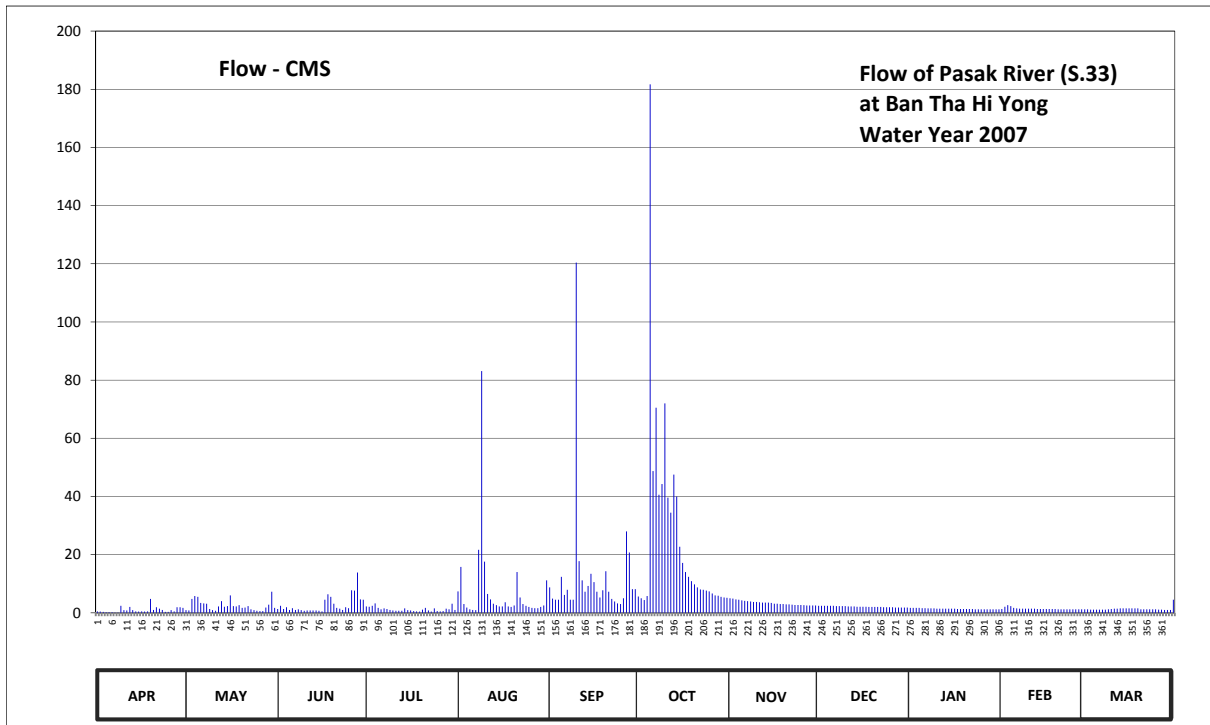
Lat 17 - 00 - 10 N Long 101 - 21 - 23 E

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 good. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.55	190.59	190.63	190.72	191.15	191.25	191.01	190.96	190.74	190.67	190.63	190.62	
2	190.54	190.58	190.74	190.71	191.72	190.95	190.96	190.95	190.74	190.67	190.71	190.62	
3	190.53	190.94	190.63	190.74	190.80	190.92	190.91	190.93	190.74	190.67	190.76	190.61	
4	190.52	191.02	190.69	190.82	190.68	190.92	191.02	190.92	190.74	190.67	190.73	190.61	
5	190.52	191.00	190.60	190.67	190.62	191.49	196.98	190.90	190.74	190.66	190.67	190.61	
6	190.52	190.83	190.66	190.62	190.60	191.05	193.43	190.89	190.74	190.66	190.65	190.61	
7	190.51	190.82	190.60	190.65	190.59	191.19	194.25	190.88	190.73	190.65	190.64	190.61	
8	190.51	190.81	190.62	190.63	192.11	190.92	193.08	190.87	190.73	190.65	190.64	190.61	
9	190.74	190.63	190.59	190.60	194.67	190.92	193.25	190.86	190.73	190.65	190.64	190.62	
10	190.59	190.59	190.57	190.58	191.84	195.81	194.30	190.86	190.73	190.64	190.64	190.63	
11	190.58	190.57	190.58	190.57	191.08	191.85	193.03	190.85	190.72	190.64	190.64	190.64	
12	190.70	190.72	190.58	190.57	190.93	191.41	192.77	190.84	190.72	190.64	190.64	190.64	
13	190.59	190.88	190.58	190.57	190.81	191.14	193.38	190.84	190.72	190.64	190.63	190.65	
14	190.55	190.71	190.58	190.65	190.76	191.28	193.05	190.84	190.71	190.64	190.63	190.65	
15	190.54	190.73	190.57	190.59	190.72	191.56	192.18	190.83	190.71	190.64	190.63	190.65	
16	190.55	191.04	190.55	190.58	190.72	191.37	191.81	190.81	190.71	190.64	190.63	190.65	
17	190.54	190.73	190.92	190.56	190.85	191.14	191.60	190.81	190.71	190.63	190.63	190.65	
18	190.55	190.72	191.07	190.55	190.72	190.98	191.49	190.80	190.70	190.63	190.63	190.65	
19	190.94	190.76	191.00	190.54	190.70	191.18	191.39	190.80	190.70	190.63	190.63	190.65	
20	190.60	190.67	190.81	190.61	190.75	191.62	191.32	190.79	190.70	190.63	190.62	190.62	
21	190.69	190.68	190.67	190.67	191.60	191.14	191.25	190.79	190.70	190.63	190.62	190.62	
22	190.64	190.73	190.64	190.58	190.98	190.94	191.20	190.78	190.70	190.63	190.62	190.62	
23	190.60	190.62	190.60	190.54	190.80	190.87	191.19	190.77	190.69	190.62	190.62	190.62	
24	190.53	190.59	190.69	190.65	190.74	190.82	191.17	190.77	190.69	190.62	190.62	190.62	
25	190.53	190.57	190.66	190.56	190.70	190.80	191.15	190.77	190.69	190.62	190.62	190.62	
26	190.59	190.56	191.18	190.55	190.67	190.96	191.09	190.76	190.69	190.62	190.62	190.61	
27	190.55	190.56	191.17	190.56	190.66	192.45	191.04	190.75	190.68	190.62	190.62	190.61	
28	190.69	190.68	191.59	190.64	190.66	192.05	191.03	190.75	190.68	190.62	190.62	190.60	
29	190.69	190.78	190.93	190.62	190.70	191.21	191.00	190.75	190.68	190.62	190.62	190.60	
30	190.67	191.14	190.92	190.81	190.75	191.21	190.98	190.75	190.68	190.62	190.62	190.60	
31		190.67		190.60	191.41		190.97		190.68	190.62		190.92	
Mean	190.59	190.74	190.75	190.62	191.05	191.38	192.04	190.83	190.71	190.64	190.64	190.63	
Max	190.94	191.14	191.59	190.82	194.67	195.81	196.98	190.96	190.74	190.67	190.76	190.92	196.98
Min	190.51	190.56	190.55	190.54	190.59	190.80	190.91	190.75	190.68	190.62	190.62	190.60	190.51
Annual Max Momentary Gage Height	198.71		m. (MSL.) ,				at 14.00 Hours ,						
Zero Gage at Bottom Elevation	190.09		m. (MSL.) ,			River Bed	189.99	m. (MSL.)					
Left Bank Elevation		198.75		m. (MSL.) ,									
Right Bank Elevation		198.85		m. (MSL.) ,		Drainage Are	521	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.50	0.90	1.30	2.20	7.37	8.75	5.62	5.00	2.40	1.70	1.30	1.20	
2	0.40	0.80	2.40	2.10	15.80	4.87	5.00	4.87	2.40	1.70	2.10	1.20	
3	0.30	4.75	1.30	2.40	3.00	4.50	4.38	4.62	2.40	1.70	2.60	1.10	
4	0.20	5.75	1.90	3.25	1.80	4.50	5.75	4.50	2.40	1.70	2.30	1.10	
5	0.20	5.50	1.00	1.70	1.20	12.35	181.70	4.25	2.40	1.60	1.70	1.10	
6	0.20	3.37	1.60	1.20	1.00	6.13	48.75	4.12	2.40	1.60	1.50	1.10	
7	0.10	3.25	1.00	1.50	0.90	7.88	70.50	4.00	2.30	1.50	1.40	1.10	
8	0.10	3.12	1.20	1.30	21.65	4.50	40.60	3.87	2.30	1.50	1.40	1.10	
9	2.40	1.30	0.90	1.00	83.10	4.50	44.25	3.75	2.30	1.50	1.40	1.20	
10	0.90	0.90	0.70	0.80	17.60	120.40	72.00	3.75	2.30	1.40	1.40	1.30	
11	0.80	0.70	0.80	0.70	6.50	17.75	39.60	3.63	2.20	1.40	1.40	1.40	
12	2.00	2.20	0.80	0.70	4.62	11.15	34.40	3.50	2.20	1.40	1.40	1.40	
13	0.90	4.00	0.80	0.70	3.12	7.25	47.50	3.50	2.20	1.40	1.30	1.50	
14	0.50	2.10	0.80	1.50	2.60	9.20	40.00	3.50	2.10	1.40	1.30	1.50	
15	0.40	2.30	0.70	0.90	2.20	13.40	22.70	3.37	2.10	1.40	1.30	1.50	
16	0.50	6.00	0.50	0.80	2.20	10.55	17.15	3.12	2.10	1.40	1.30	1.50	
17	0.40	2.30	4.50	0.60	3.63	7.25	14.00	3.12	2.10	1.30	1.30	1.50	
18	0.50	2.20	6.38	0.50	2.20	5.25	12.35	3.00	2.00	1.30	1.30	1.50	
19	4.75	2.60	5.50	0.40	2.00	7.75	10.85	3.00	2.00	1.30	1.30	1.50	
20	1.00	1.70	3.12	1.10	2.50	14.30	9.80	2.90	2.00	1.30	1.20	1.20	
21	1.90	1.80	1.70	1.70	14.00	7.25	8.75	2.90	2.00	1.30	1.20	1.20	
22	1.40	2.30	1.40	0.80	5.25	4.75	8.00	2.80	2.00	1.30	1.20	1.20	
23	1.00	1.20	1.00	0.40	3.00	3.87	7.88	2.70	1.90	1.20	1.20	1.20	
24	0.30	0.90	1.90	1.50	2.40	3.25	7.63	2.70	1.90	1.20	1.20	1.20	
25	0.30	0.70	1.60	0.60	2.00	3.00	7.37	2.70	1.90	1.20	1.20	1.20	
26	0.90	0.60	7.75	0.50	1.70	5.00	6.62	2.60	1.90	1.20	1.20	1.10	
27	0.50	0.60	7.63	0.60	1.60	28.00	6.00	2.50	1.80	1.20	1.20	1.10	
28	1.90	1.80	13.85	1.40	1.60	20.75	5.87	2.50	1.80	1.20	1.20	1.00	
29	1.90	2.80	4.62	1.20	2.00	8.15	5.50	2.50	1.80	1.20	1.20	1.00	
30	1.70	7.25	4.50	3.12	2.50	8.15	5.25	2.50	1.80	1.20		1.00	
31		1.70		1.00	11.15		5.13		1.80	1.20		4.50	
Total	28.85	77.39	83.15	38.17	232.19	374.40	800.90	101.77	65.20	42.90	41.00	41.70	1927.62 CMSDAY
Mean	0.96	2.50	2.77	1.23	7.49	12.48	25.84	3.39	2.10	1.38	1.41	1.35	5.27 CMS
Max	4.75	7.25	13.85	3.25	83.10	120.40	181.70	5.00	2.40	1.70	2.60	4.50	181.70 CMS
Min	0.10	0.60	0.50	0.40	0.90	3.00	4.38	2.50	1.80	1.20	1.00	0.10	0.10 CMS
Runoff	2.49	6.69	7.18	3.30	20.06	32.35	69.20	8.79	5.63	3.71	3.54	3.60	166.55 MCM
Momentary Peak	354.40	CMS. at 198.71 m. (MSL.) at 14.00 Hours , on Oct 5, 2007											
Runoff Yield	10.14	Liters/Second/Square KM. Momentary Peak Yield 680.23 Liters/Second/Square KM.											

WATER YEAR : 2007

PASAK RIVER BASIN

Pasak River at Ban Non Thong , Phetchabun (S.36)

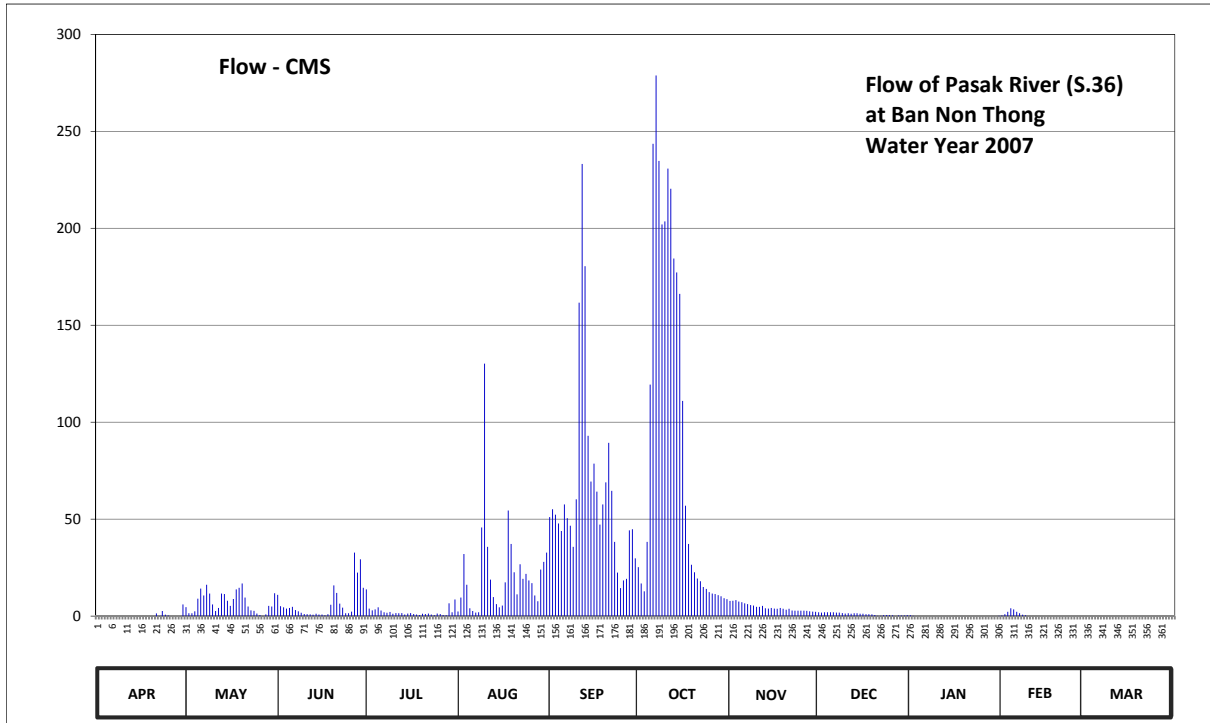
Lat 16 - 43 - 42 N Long 101 - 14 - 32 E

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 very good. Stage-discharge relation defined by 15 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	134.20	134.91	135.30	135.44	134.74	136.97	136.01	135.12	134.70	134.55	134.53	134.45	
2	134.20	134.65	134.94	134.86	135.23	137.09	135.59	135.13	134.68	134.52	134.60	134.35	
3	134.18	134.65	134.90	134.80	136.28	137.01	135.39	135.15	134.70	134.50	134.72	134.37	
4	134.16	134.75	134.86	134.83	135.56	136.86	136.53	135.10	134.70	134.48	134.87	134.37	
5	134.16	135.20	134.88	134.90	134.87	136.73	138.54	135.08	134.70	134.46	134.83	134.37	
6	134.16	135.46	134.92	134.79	134.76	137.16	140.32	135.04	134.70	134.48	134.72	134.37	
7	134.17	135.28	134.81	134.70	134.68	136.95	140.76	135.01	134.68	134.47	134.65	134.32	
8	134.16	135.56	134.75	134.67	134.70	136.82	140.21	134.98	134.68	134.48	134.57	134.30	
9	134.12	135.33	134.67	134.71	136.79	136.43	139.80	134.96	134.66	134.49	134.54	134.30	
10	134.12	135.00	134.61	134.62	138.72	137.23	139.82	134.92	134.63	134.50	134.50	134.26	
11	134.10	134.76	134.60	134.66	136.43	139.21	140.16	134.92	134.65	134.50	134.48	134.22	
12	134.10	134.88	134.59	134.65	135.69	140.19	140.03	134.95	134.62	134.49	134.45	134.18	
13	134.17	135.33	134.57	134.66	135.24	139.50	139.56	134.87	134.65	134.49	134.45	134.18	
14	134.33	135.32	134.62	134.58	135.01	138.04	139.45	134.86	134.65	134.49	134.43	134.16	
15	134.44	135.13	134.58	134.63	134.90	137.46	139.28	134.88	134.62	134.47	134.45	134.14	
16	134.40	134.95	134.58	134.66	134.96	137.69	138.40	134.86	134.62	134.45	134.45	134.14	
17	134.37	135.19	134.54	134.61	135.62	137.33	137.14	134.85	134.60	134.43	134.45	134.13	
18	134.32	135.44	134.60	134.58	137.07	136.84	136.49	134.88	134.60	134.43	134.44	134.10	
19	134.30	135.48	134.99	134.56	136.49	137.16	136.06	134.85	134.59	134.46	134.40	134.10	
20	134.32	135.59	135.54	134.62	135.88	137.45	135.88	134.82	134.56	134.50	134.38	134.13	
21	134.64	135.23	135.35	134.61	135.31	137.96	135.72	134.85	134.52	134.50	134.38	134.17	
22	134.51	134.93	135.03	134.63	136.07	137.34	135.65	134.79	134.52	134.48	134.38	134.19	
23	134.76	134.80	134.89	134.58	135.71	136.53	135.50	134.78	134.55	134.48	134.35	134.19	
24	134.57	134.77	134.65	134.55	135.84	135.87	135.45	134.78	134.56	134.48	134.35	134.19	
25	134.53	134.63	134.65	134.63	135.67	135.47	135.37	134.78	134.55	134.46	134.35	134.19	
26	134.46	134.56	134.73	134.61	135.60	135.67	135.33	134.78	134.54	134.46	134.35	134.19	
27	134.46	134.51	136.31	134.56	135.28	135.71	135.32	134.77	134.50	134.45	134.40	134.16	
28	134.42	134.59	135.87	134.55	135.11	136.74	135.29	134.75	134.53	134.43	134.45	134.16	
29	134.40	134.95	136.17	135.04	135.95	136.76	135.26	134.73	134.53	134.45	134.45	134.16	
30	135.00	134.93	135.48	134.70	136.12	136.19	135.21	134.72	134.53	134.50	134.50	134.15	
31		135.34		135.17	136.31		135.18		134.55	134.52		134.14	
Mean	134.34	135.04	134.97	134.71	135.70	137.15	137.25	134.90	134.61	134.48	134.50	134.22	
Max	135.00	135.59	136.31	135.44	138.72	140.19	140.76	135.15	134.70	134.55	134.87	134.45	140.76
Min	134.10	134.51	134.54	134.55	134.68	135.47	135.18	134.72	134.50	134.43	134.35	134.10	134.10
Annual Max Momentary Gage Height	140.88		m. (MSL.) ,				at 06.00 Hours ,						on Oct 7 , 2007
Zero Gage at Bottom Elevation	130.95		m. (MSL.) ,			River Bed	131.58		m. (MSL.)				
Left Bank Elevation		142.06		m. (MSL.) ,									
Right Bank Elevation		141.96		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	4.65	11.00	13.80	2.40	51.10	25.25	7.80	2.00	0.50	0.30	0.00	
2	0.00	1.50	5.10	3.90	9.60	55.15	16.80	7.95	1.80	0.20	1.00	0.00	
3	0.00	1.50	4.50	3.00	32.00	52.35	12.80	8.25	2.00	0.00	2.20	0.00	
4	0.00	2.50	3.90	3.45	16.20	47.80	38.25	7.50	2.00	0.00	4.05	0.00	
5	0.00	9.00	4.20	4.50	4.05	43.90	119.40	7.20	2.00	0.00	3.45	0.00	
6	0.00	14.20	4.80	2.90	2.60	57.60	243.60	6.60	2.00	0.00	2.20	0.00	
7	0.00	10.60	3.15	2.00	1.80	50.50	278.80	6.15	1.80	0.00	1.50	0.00	
8	0.00	16.20	2.50	1.70	2.00	46.60	234.80	5.70	1.80	0.00	0.70	0.00	
9	0.00	11.60	1.70	2.10	45.70	35.75	202.00	5.40	1.60	0.00	0.40	0.00	
10	0.00	6.00	1.10	1.20	130.20	60.20	203.60	4.80	1.30	0.00	0.00	0.00	
11	0.00	2.60	1.00	1.60	35.75	161.65	230.80	4.80	1.50	0.00	0.00	0.00	
12	0.00	4.20	0.90	1.50	18.80	233.20	220.40	5.25	1.20	0.00	0.00	0.00	
13	0.00	11.60	0.70	1.60	9.80	180.50	184.40	4.05	1.50	0.00	0.00	0.00	
14	0.00	11.40	1.20	0.80	6.15	93.00	177.25	3.90	1.50	0.00	0.00	0.00	
15	0.00	7.95	0.80	1.30	4.50	69.40	166.20	4.20	1.20	0.00	0.00	0.00	
16	0.00	5.25	0.80	1.60	5.40	78.60	111.00	3.90	1.20	0.00	0.00	0.00	
17	0.00	8.85	0.40	1.10	17.40	64.20	56.90	3.75	1.00	0.00	0.00	0.00	
18	0.00	13.80	1.00	0.80	54.45	47.20	37.25	4.20	1.00	0.00	0.00	0.00	
19	0.00	14.60	5.85	0.60	37.25	57.60	26.50	3.75	0.90	0.00	0.00	0.00	
20	0.00	16.80	15.80	1.20	22.60	69.00	22.60	3.30	0.60	0.00	0.00	0.00	
21	1.40	9.60	12.00	1.10	11.20	89.40	19.40	3.75	0.20	0.00	0.00	0.00	
22	0.10	4.95	6.45	1.30	26.75	64.60	18.00	2.90	0.20	0.00	0.00	0.00	
23	2.60	3.00	4.35	0.80	19.20	38.25	15.00	2.80	0.50	0.00	0.00	0.00	
24	0.70	2.70	1.50	0.50	21.80	22.40	14.00	2.80	0.60	0.00	0.00	0.00	
25	0.30	1.30	1.50	1.30	18.40	14.40	12.40	2.80	0.50	0.00	0.00	0.00	
26	0.00	0.60	2.30	1.10	17.00	18.40	11.60	2.80	0.40	0.00	0.00	0.00	
27	0.00	0.10	32.75	0.60	10.60	19.20	11.40	2.70	0.00	0.00	0.00	0.00	
28	0.00	0.90	22.40	0.50	7.65	44.20	10.80	2.50	0.30	0.00	0.00	0.00	
29	0.00	5.25	29.25	6.60	24.00	44.80	10.20	2.30	0.30	0.00	0.00	0.00	
30	6.00	4.95	14.60	2.00	28.00	29.75	9.20	2.20	0.30	0.00	0.00	0.00	
31		11.80		8.55	32.75		8.70		0.50	0.20		0.00	
Total	11.10	219.95	197.50	75.00	676.00	1940.70	2749.30	136.00	33.70	0.90	15.80	0.00	6055.95 CMSDAY
Mean	0.37	7.10	6.58	2.42	21.81	64.69	88.69	4.53	1.09	0.03	0.54	0.00	16.55 CMS
Max	6.00	16.80	32.75	13.80	130.20	233.20	278.80	8.25	2.00	0.50	4.05	0.00	278.80 CMS
Min	0.00	0.10	0.40	0.50	1.80	14.40	8.70	2.20	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.96	19.00	17.06	6.48	58.41	167.68	237.54	11.75	2.91	0.08	1.37	0.00	523.23 MCM
Momentary Peak	289.20 CMS. at 140.88 m. (MSL.) at 06.00 Hours , on Oct 7, 2007												
Runoff Yield	9.35 Liters/Second/Square KM.			Momentary Peak Yield				162.93 Liters/Second/Square KM.					

WATER YEAR : 2007

PASAK RIVER BASIN

Nam Kho at Ban Nam Kho, Phetchabun (S.41)

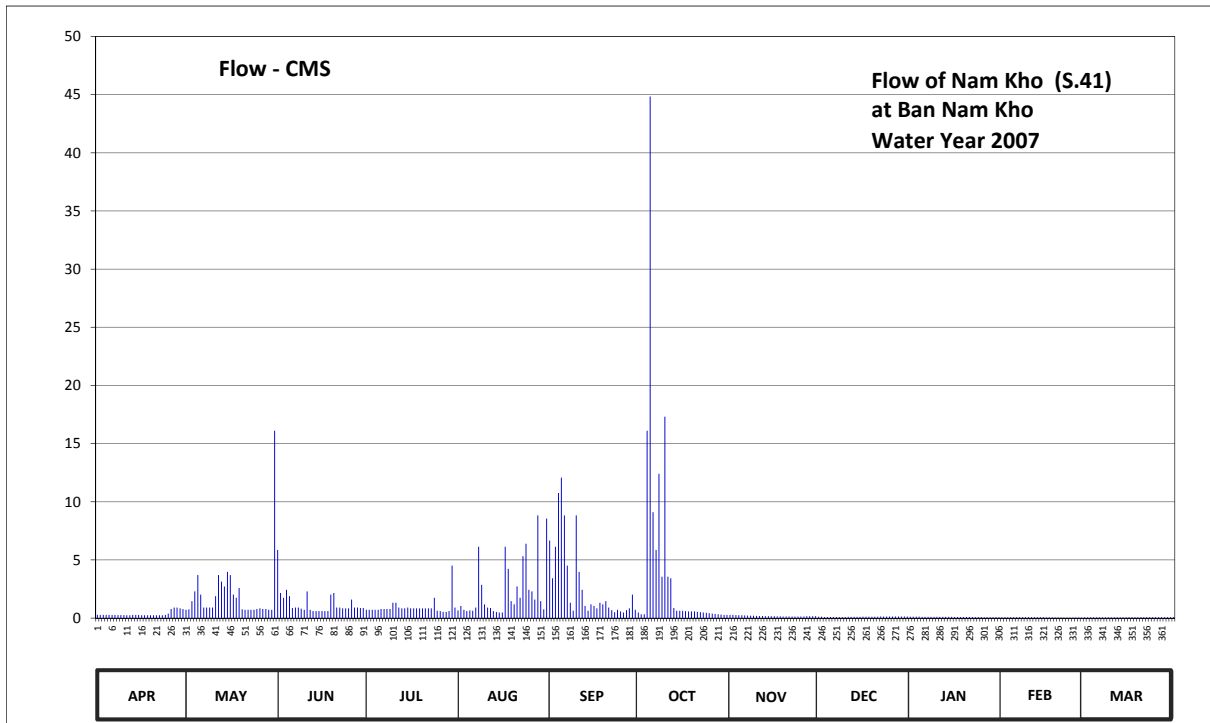
Lat 16 - 47 - 28 N Long 101 - 10 - 45 E

Location : on left bank at Ban Nam Kho.

	Ban	Nam Kho	Amphoe	Lom Sak	Changwat	Phetchabun
Drainage Area	69	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	+5.000 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 good. Stage-discharge relation defined by 24 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-0.01	0.14	0.48	0.14	0.12	0.51	0.06	-0.02	-0.18	-0.18	-0.22	-0.23	
2	-0.02	0.15	0.29	0.14	0.21	0.38	0.01	-0.03	-0.18	-0.18	-0.22	-0.23	
3	-0.02	0.24	0.26	0.14	0.14	0.49	0.01	-0.04	-0.20	-0.18	-0.22	-0.23	
4	-0.02	0.30	0.31	0.14	0.10	0.65	0.81	-0.05	-0.20	-0.18	-0.22	-0.23	
5	-0.03	0.40	0.27	0.14	0.12	0.69	1.39	-0.06	-0.20	-0.19	-0.22	-0.23	
6	-0.03	0.28	0.19	0.16	0.11	0.59	0.60	-0.07	-0.20	-0.19	-0.22	-0.23	
7	-0.03	0.20	0.20	0.16	0.20	0.43	0.48	-0.08	-0.20	-0.19	-0.22	-0.23	
8	-0.04	0.20	0.20	0.16	0.49	0.23	0.70	-0.09	-0.20	-0.19	-0.22	-0.23	
9	-0.04	0.20	0.17	0.16	0.34	0.11	0.39	-0.10	-0.20	-0.19	-0.22	-0.23	
10	-0.04	0.20	0.14	0.23	0.22	0.59	0.84	-0.11	-0.20	-0.19	-0.22	-0.23	
11	-0.05	0.27	0.30	0.23	0.20	0.41	0.39	-0.12	-0.19	-0.19	-0.22	-0.23	
12	-0.05	0.40	0.14	0.20	0.19	0.31	0.38	-0.12	-0.19	-0.19	-0.22	-0.23	
13	-0.03	0.36	0.10	0.18	0.10	0.21	0.19	-0.13	-0.19	-0.19	-0.22	-0.23	
14	-0.03	0.33	0.10	0.18	0.08	0.11	0.11	-0.13	-0.19	-0.19	-0.22	-0.23	
15	-0.03	0.41	0.10	0.20	0.06	0.22	0.11	-0.14	-0.19	-0.19	-0.22	-0.23	
16	-0.05	0.40	0.10	0.18	0.06	0.21	0.11	-0.14	-0.18	-0.20	-0.23	-0.22	
17	-0.05	0.28	0.10	0.18	0.49	0.18	0.10	-0.15	-0.18	-0.20	-0.23	-0.22	
18	-0.05	0.26	0.10	0.18	0.42	0.23	0.09	-0.15	-0.18	-0.20	-0.23	-0.22	
19	-0.05	0.32	0.28	0.18	0.24	0.22	0.09	-0.16	-0.18	-0.20	-0.23	-0.22	
20	-0.05	0.15	0.29	0.18	0.22	0.24	0.09	-0.16	-0.18	-0.20	-0.23	-0.22	
21	-0.05	0.14	0.20	0.18	0.33	0.20	0.08	-0.17	-0.18	-0.21	-0.24	-0.22	
22	-0.05	0.14	0.20	0.18	0.26	0.13	0.07	-0.17	-0.17	-0.21	-0.24	-0.22	
23	-0.05	0.14	0.18	0.18	0.46	0.07	0.06	-0.17	-0.17	-0.21	-0.24	-0.22	
24	-0.03	0.14	0.18	0.26	0.50	0.14	0.05	-0.17	-0.17	-0.21	-0.24	-0.22	
25	0.03	0.16	0.18	0.11	0.31	0.09	0.04	-0.16	-0.17	-0.21	-0.24	-0.22	
26	0.16	0.18	0.25	0.10	0.30	0.06	0.03	-0.16	-0.17	-0.22	-0.24	-0.22	
27	0.20	0.16	0.20	0.08	0.25	0.13	0.02	-0.14	-0.17	-0.22	-0.24	-0.22	
28	0.20	0.16	0.20	0.08	0.59	0.18	0.01	-0.14	-0.17	-0.22	-0.24	-0.22	
29	0.18	0.14	0.19	0.10	0.24	0.28	0.00	-0.14	-0.17	-0.22	-0.24	-0.22	
30	0.16	0.14	0.19	0.43	0.15	0.14	-0.02	-0.14	-0.17	-0.22	-0.24	-0.22	
31		0.81		0.20	0.58		-0.02		-0.17	-0.22		-0.22	
Mean	0.00	0.25	0.20	0.17	0.26	0.28	0.23	-0.12	-0.18	-0.20	-0.23	-0.22	
Max	0.20	0.81	0.48	0.43	0.59	0.69	1.39	-0.02	-0.17	-0.18	-0.22	-0.22	1.39
Min	-0.05	0.14	0.10	0.08	0.06	0.06	-0.02	-0.17	-0.20	-0.22	-0.24	-0.23	-0.24
Annual Max Momentary Gage Height	1.70	m. (A.D.) ,		at 06.00 Hours , on Oct 5 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (A.D.) ,		River Bed -0.72 m. (A.D.)									
Left Bank Elevation	4.09	m. (A.D.) ,											
Right Bank Elevation	4.03	m. (A.D.) ,		Drainage Are	69	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.29	0.72	5.86	0.72	0.66	6.67	0.48	0.28	0.12	0.12	0.08	0.07	
2	0.28	0.75	2.16	0.72	1.04	3.42	0.33	0.27	0.12	0.12	0.08	0.07	
3	0.28	1.46	1.74	0.72	0.72	6.13	0.33	0.26	0.10	0.12	0.08	0.07	
4	0.28	2.30	2.44	0.72	0.60	10.75	16.11	0.25	0.10	0.12	0.08	0.07	
5	0.27	3.70	1.88	0.72	0.66	12.07	44.83	0.24	0.10	0.11	0.08	0.07	
6	0.27	2.02	0.87	0.78	0.63	8.83	9.10	0.23	0.10	0.11	0.08	0.07	
7	0.27	0.90	0.90	0.78	0.90	4.51	5.86	0.22	0.10	0.11	0.08	0.07	
8	0.26	0.90	0.90	0.78	6.13	1.32	12.40	0.21	0.10	0.11	0.08	0.07	
9	0.26	0.90	0.81	0.78	2.86	0.63	3.56	0.20	0.10	0.11	0.08	0.07	
10	0.26	0.90	0.72	1.32	1.18	8.83	17.32	0.19	0.10	0.11	0.08	0.07	
11	0.25	1.88	2.30	1.32	0.90	3.97	3.56	0.18	0.11	0.11	0.08	0.07	
12	0.25	3.70	0.72	0.90	0.87	2.44	3.42	0.18	0.11	0.11	0.08	0.07	
13	0.27	3.14	0.60	0.84	0.60	1.04	0.87	0.17	0.11	0.11	0.08	0.07	
14	0.27	2.72	0.60	0.84	0.54	0.63	0.63	0.17	0.11	0.11	0.08	0.07	
15	0.27	3.97	0.60	0.90	0.48	1.18	0.63	0.16	0.11	0.11	0.08	0.07	
16	0.25	3.70	0.60	0.84	0.48	1.04	0.63	0.16	0.12	0.10	0.07	0.08	
17	0.25	2.02	0.60	0.84	6.13	0.84	0.60	0.15	0.12	0.10	0.07	0.08	
18	0.25	1.74	0.60	0.84	4.24	1.32	0.57	0.15	0.12	0.10	0.07	0.08	
19	0.25	2.58	2.02	0.84	1.46	1.18	0.57	0.14	0.12	0.10	0.07	0.08	
20	0.25	0.75	2.16	0.84	1.18	1.46	0.57	0.14	0.12	0.10	0.07	0.08	
21	0.25	0.72	0.90	0.84	2.72	0.90	0.54	0.13	0.12	0.09	0.06	0.08	
22	0.25	0.72	0.90	0.84	1.74	0.69	0.51	0.13	0.13	0.09	0.06	0.08	
23	0.25	0.72	0.84	0.84	5.32	0.51	0.48	0.13	0.13	0.09	0.06	0.08	
24	0.27	0.72	0.84	1.74	6.40	0.72	0.45	0.13	0.13	0.09	0.06	0.08	
25	0.39	0.78	0.84	0.63	2.44	0.57	0.42	0.14	0.13	0.09	0.06	0.08	
26	0.78	0.84	1.60	0.60	2.30	0.48	0.39	0.14	0.13	0.08	0.06	0.08	
27	0.90	0.78	0.90	0.54	1.60	0.69	0.36	0.16	0.13	0.08	0.06	0.08	
28	0.90	0.78	0.90	0.54	8.83	0.84	0.33	0.16	0.13	0.08	0.06	0.08	
29	0.84	0.72	0.87	0.60	1.46	2.02	0.30	0.16	0.13	0.08	0.06	0.08	
30	0.78	0.72	0.87	4.51	0.75	0.72	0.28	0.16	0.13	0.08		0.08	
31		16.11		0.90	8.56		0.28		0.13	0.08		0.08	
Total	10.89	64.36	38.54	29.62	74.38	86.40	126.71	5.39	3.61	3.12	2.09	2.33	447.44 CMSDAY
Mean	0.36	2.08	1.28	0.96	2.40	2.88	4.09	0.18	0.12	0.10	0.07	0.08	1.22 CMS
Max	0.90	16.11	5.86	4.51	8.83	12.07	44.83	0.28	0.13	0.12	0.08	0.08	44.83 CMS
Min	0.25	0.72	0.60	0.54	0.48	0.48	0.28	0.13	0.10	0.08	0.06	0.07	0.06 CMS
Runoff	0.94	5.56	3.33	2.56	6.43	7.46	10.95	0.47	0.31	0.27	0.18	0.20	38.66 MCM
Momentary Peak	65.40 CMS. at 1.70 m. (A.D.) at 06.00 Hours , on Oct 5 , 2007												
Runoff Yield	17.71 Liters/Second/Square KM.			Momentary Peak Yield 944.81 Liters/Second/Square KM.									

WATER YEAR : 2007

PASAK RIVER BASIN

Pasak River at Ban Bo Rang , Phetchabun (S.42)

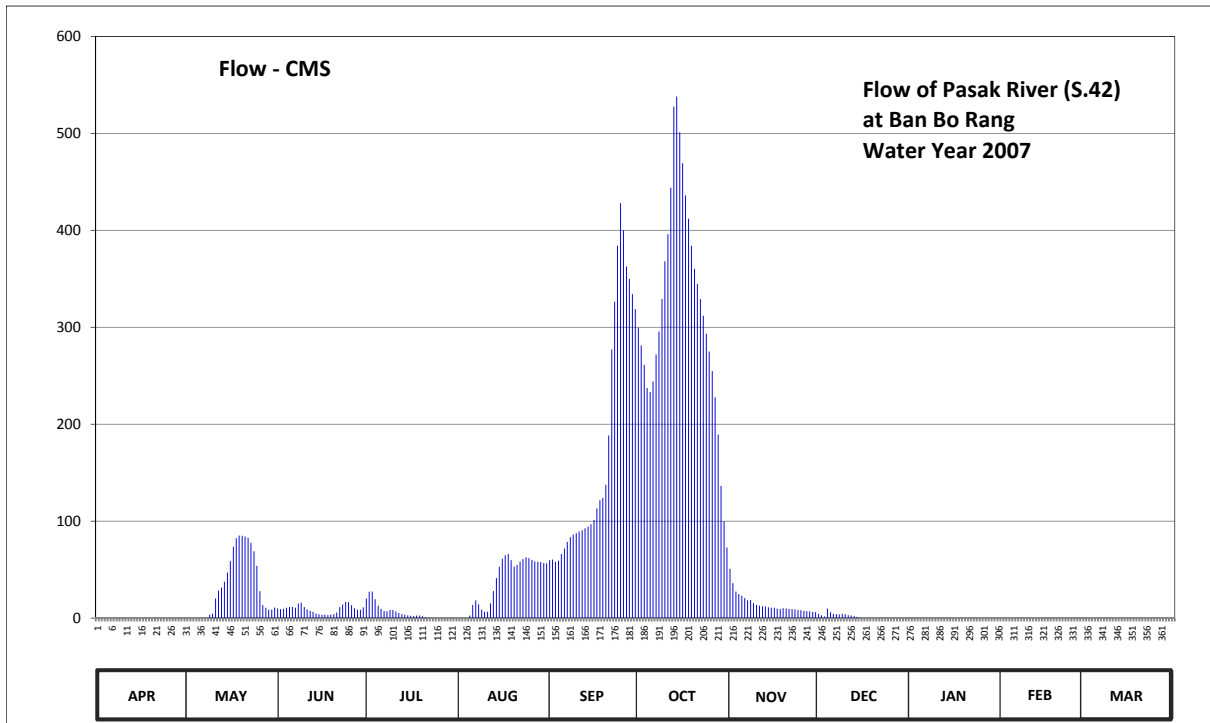
Lat 15 - 34 - 35 N Long 101 - 05 - 28 E

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	Overbank flow starts at elevation +62.720 m.(MSL.) and is including overbank flow.		
General Description	Records good. Stage-discharge relation defined by 16 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	52.28	52.85	55.60	56.38	54.47	58.58	62.92	58.13	55.12	54.25	53.53	52.79	
2	52.28	52.87	55.54	56.85	54.49	58.61	62.83	57.36	54.94	54.24	53.45	52.75	
3	52.27	52.96	55.57	56.86	54.48	58.49	62.71	56.86	54.81	54.22	53.36	52.71	
4	52.27	53.28	55.66	56.32	54.48	58.55	62.55	56.69	55.58	54.20	53.32	52.68	
5	52.27	53.52	55.72	55.83	54.93	58.88	62.52	56.57	55.27	54.17	53.30	52.68	
6	52.25	53.78	55.73	55.57	55.88	59.16	62.60	56.40	55.12	54.15	53.26	52.68	
7	52.23	54.09	55.67	55.40	56.24	59.48	62.78	56.24	55.09	54.12	53.19	52.69	
8	52.22	54.38	56.00	55.35	55.94	59.71	62.90	56.26	55.05	54.08	53.16	52.69	
9	52.21	55.03	56.07	55.48	55.51	59.83	63.05	56.03	55.12	54.04	53.11	52.67	
10	52.24	55.14	55.73	55.48	55.34	59.89	63.20	55.90	55.07	54.04	53.06	52.66	
11	52.40	56.38	55.52	55.35	55.32	59.97	63.27	55.84	54.97	54.01	53.05	52.62	
12	52.44	56.92	55.40	55.19	56.01	60.03	63.39	55.79	54.92	53.97	53.05	52.56	
13	52.49	57.10	55.30	55.09	56.89	60.12	63.55	55.77	54.84	53.95	53.03	52.55	
14	52.51	57.44	55.14	55.04	57.65	60.20	63.57	55.71	54.76	53.94	53.04	52.54	
15	52.52	57.94	55.07	54.95	58.24	60.31	63.50	55.67	54.61	53.93	53.02	52.53	
16	52.53	58.53	55.03	54.90	58.65	60.51	63.44	55.67	54.57	53.91	53.00	52.52	
17	52.54	59.24	55.04	54.87	58.83	60.93	63.37	55.58	54.54	53.88	52.97	52.52	
18	52.57	59.66	55.00	54.93	58.89	61.15	63.31	55.56	54.53	53.85	52.92	52.51	
19	52.60	59.79	55.04	54.93	58.58	61.21	63.24	55.62	54.50	53.83	52.88	52.46	
20	52.62	59.78	55.08	54.85	58.25	61.47	63.17	55.60	54.48	53.77	52.86	52.43	
21	52.63	59.74	55.25	54.70	58.33	62.13	63.11	55.56	54.43	53.68	52.85	52.41	
22	52.63	59.68	55.72	54.62	58.49	62.81	63.05	55.54	54.38	53.63	52.84	52.39	
23	52.64	59.44	55.92	54.55	58.63	63.04	62.98	55.53	54.34	53.62	52.83	52.38	
24	52.66	59.02	56.12	54.50	58.72	63.24	62.89	55.48	54.31	53.61	52.84	52.37	
25	52.68	58.29	56.11	54.48	58.68	63.35	62.80	55.45	54.28	53.60	52.85	52.37	
26	52.72	56.88	55.87	54.46	58.59	63.28	62.67	55.40	54.26	53.62	52.85	52.36	
27	52.76	55.87	55.62	54.45	58.52	63.18	62.48	55.37	54.24	53.63	52.86	52.35	
28	52.81	55.66	55.50	54.43	58.49	63.13	62.14	55.35	54.23	53.61	52.87	52.34	
29	52.84	55.50	55.49	54.44	58.48	63.07	61.45	55.31	54.22	53.58	52.85	52.32	
30	52.85	55.51	55.69	54.47	58.43	63.01	60.44	55.28	54.25	53.58	52.85	52.24	
31		55.68		54.47	58.41		59.20		54.25	53.57		52.22	
Mean	52.50	56.51	55.54	55.14	57.19	60.91	62.74	55.92	54.68	53.88	53.04	52.52	
Max	52.85	59.79	56.12	56.86	58.89	63.35	63.57	58.13	55.58	54.25	53.53	52.79	63.57
Min	52.21	52.85	55.00	54.43	54.47	58.49	59.20	55.28	54.22	53.57	52.83	52.22	52.21
Annual Max Momentary Gage Height	63.58		m. (MSL.) ,				at 18.00 Hours , on Oct 13 , 2007						
Zero Gage at Bottom Elevation	51.80		m. (MSL.) ,			River Bed	52.39	m. (MSL.)					
Left Bank Elevation	63.10		m. (MSL.) ,										
Right Bank Elevation	62.71		m. (MSL.) ,			Drainage Are	7,233	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	9.90	20.32	0.00	59.80	299.60	50.80	4.46	0.00	0.00	0.00	
2	0.00	0.00	9.15	27.25	0.00	60.41	281.15	36.08	2.72	0.00	0.00	0.00	
3	0.00	0.00	9.53	27.42	0.00	58.00	261.05	27.42	1.68	0.00	0.00	0.00	
4	0.00	0.00	10.65	19.48	0.00	59.20	237.25	24.81	9.65	0.00	0.00	0.00	
5	0.00	0.00	11.40	12.79	2.64	65.98	233.20	23.07	6.04	0.00	0.00	0.00	
6	0.00	0.00	11.53	9.53	13.44	71.86	244.00	20.60	4.46	0.00	0.00	0.00	
7	0.00	0.00	10.78	7.40	18.36	78.58	271.90	18.36	4.15	0.00	0.00	0.00	
8	0.00	0.00	15.00	6.88	14.22	83.47	295.50	18.64	3.73	0.00	0.00	0.00	
9	0.00	3.52	15.98	8.40	8.78	86.08	329.00	15.42	4.46	0.00	0.00	0.00	
10	0.00	4.67	11.53	8.40	6.77	87.43	368.00	13.70	3.94	0.00	0.00	0.00	
11	0.00	20.32	8.90	6.88	6.56	89.23	396.00	12.92	2.96	0.00	0.00	0.00	
12	0.00	28.44	7.40	5.20	15.14	90.58	444.00	12.28	2.56	0.00	0.00	0.00	
13	0.00	31.50	6.35	4.15	27.93	92.60	527.50	12.03	1.92	0.00	0.00	0.00	
14	0.00	37.54	4.67	3.62	41.43	94.40	538.10	11.28	1.28	0.00	0.00	0.00	
15	0.00	47.00	3.94	2.80	53.00	96.88	501.00	10.78	0.08	0.00	0.00	0.00	
16	0.00	58.80	3.52	2.40	61.23	101.38	469.20	10.78	0.00	0.00	0.00	0.00	
17	0.00	73.54	3.62	2.16	64.93	113.21	436.00	9.65	0.00	0.00	0.00	0.00	
18	0.00	82.39	3.20	2.64	66.19	121.58	412.00	9.40	0.00	0.00	0.00	0.00	
19	0.00	85.19	3.62	2.64	59.80	123.99	384.00	10.15	0.00	0.00	0.00	0.00	
20	0.00	84.97	4.04	2.00	53.20	137.44	360.20	9.90	0.00	0.00	0.00	0.00	
21	0.00	84.11	5.83	0.80	54.80	188.35	344.60	9.40	0.00	0.00	0.00	0.00	
22	0.00	82.82	11.40	0.16	58.00	277.05	329.00	9.15	0.00	0.00	0.00	0.00	
23	0.00	77.74	13.96	0.00	60.82	326.40	311.90	9.03	0.00	0.00	0.00	0.00	
24	0.00	68.92	16.68	0.00	62.66	384.00	293.45	8.40	0.00	0.00	0.00	0.00	
25	0.00	54.00	16.54	0.00	61.84	428.00	275.00	8.03	0.00	0.00	0.00	0.00	
26	0.00	27.76	13.31	0.00	60.00	400.00	254.85	7.40	0.00	0.00	0.00	0.00	
27	0.00	13.31	10.15	0.00	58.60	362.80	227.80	7.09	0.00	0.00	0.00	0.00	
28	0.00	10.65	8.65	0.00	58.00	349.80	189.30	6.88	0.00	0.00	0.00	0.00	
29	0.00	8.65	8.53	0.00	57.80	334.20	136.23	6.46	0.00	0.00	0.00	0.00	
30	0.00	8.78	11.03	0.00	56.80	318.60	99.80	6.14	0.00	0.00	0.00	0.00	
31	0.00	10.90		0.00	56.40		72.70		0.00	0.00		0.00	
Total	0.00	1005.52	280.79	183.32	1159.34	5141.30	9823.28	436.05	54.09	0.00	0.00	0.00	18083.69 CMSDAY
Mean	0.00	32.44	9.36	5.91	37.40	171.38	316.88	14.53	1.74	0.00	0.00	0.00	49.41 CMS
Max	0.00	85.19	16.68	27.42	66.19	428.00	538.10	50.80	9.65	0.00	0.00	0.00	538.10 CMS
Min	0.00	0.00	3.20	0.00	0.00	58.00	72.70	6.14	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	86.88	24.26	15.84	100.17	444.21	848.73	37.67	4.67	0.00	0.00	0.00	1562.43 MCM
Momentary Peak		543.40 CMS.		63.58 m. (MSL.)									at 18.00 Hours , on Oct 13 , 2007
Runoff Yield		6.85		Liters/Second/Square KM.									Momentary Peak Yield 75.13 Liters/Second/Square KM.

WATER YEAR : 2007

THA CHIN BASIN

Lower Huai Kra Sieo at Ban Thap Man, Suphan Buri (T.12A)

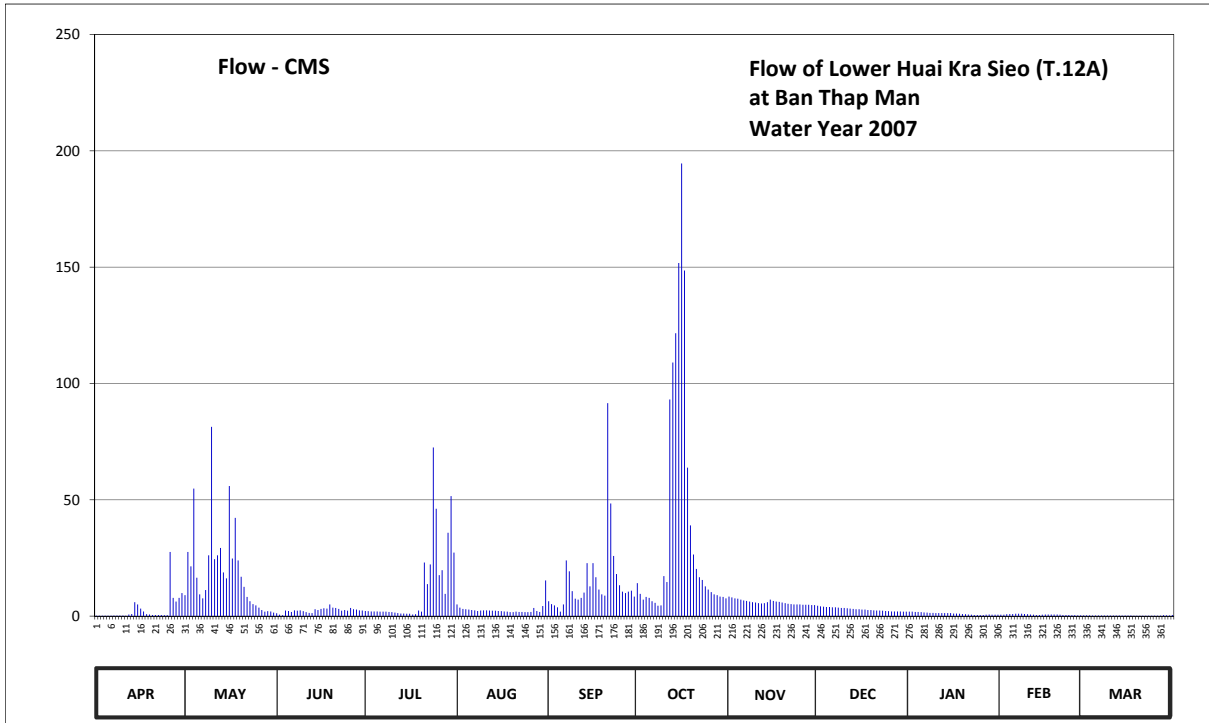
Lat 15 - 00 - 45 N Long 99 - 37 - 12 E

Location : on left bank at Ban Thap Man.

	Ban	Thap Man	Amphoe	Dan Chang	Changwat	Suphan Buri
Drainage Area	686	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 bridge				Elevation	+4.503 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	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 good. Stage-discharge relation defined by 18 discharge measurements made in 2007.					

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	-1.01	-0.28	-0.83	-0.73	-0.52	-0.42	-0.04	-0.31	-0.56	-0.76	-0.89	-0.97	
2	-1.01	0.48	-0.89	-0.74	-0.62	-0.51	-0.25	-0.33	-0.58	-0.76	-0.89	-0.97	
3	-1.02	0.26	-0.94	-0.75	-0.66	-0.55	-0.38	-0.35	-0.59	-0.77	-0.87	-0.97	
4	-1.02	1.15	-0.71	-0.75	-0.67	-0.61	-0.32	-0.36	-0.60	-0.77	-0.86	-0.98	
5	-1.02	0.06	-0.73	-0.75	-0.68	-0.76	-0.34	-0.38	-0.60	-0.78	-0.86	-0.98	
6	-1.02	-0.26	-0.77	-0.76	-0.69	-0.52	-0.42	-0.40	-0.61	-0.79	-0.85	-0.98	
7	-1.00	-0.35	-0.70	-0.76	-0.70	0.35	-0.47	-0.41	-0.61	-0.80	-0.85	-0.98	
8	-1.00	-0.17	-0.72	-0.76	-0.73	0.18	-0.56	-0.43	-0.62	-0.81	-0.85	-0.99	
9	-1.00	0.43	-0.70	-0.77	-0.71	-0.19	-0.55	-0.45	-0.63	-0.81	-0.86	-0.99	
10	-1.00	1.58	-0.74	-0.78	-0.70	-0.36	0.09	-0.46	-0.63	-0.82	-0.87	-0.99	
11	-1.01	0.37	-0.78	-0.80	-0.70	-0.38	-0.02	-0.48	-0.64	-0.82	-0.88	-0.99	
12	-0.88	0.43	-0.81	-0.82	-0.71	-0.34	1.74	-0.49	-0.65	-0.82	-0.89	-0.99	
13	-0.86	0.54	-0.82	-0.84	-0.72	-0.22	1.94	-0.48	-0.66	-0.82	-0.90	-1.00	
14	-0.45	0.16	-0.67	-0.84	-0.72	0.31	2.08	-0.45	-0.67	-0.82	-0.90	-1.00	
15	-0.52	0.05	-0.69	-0.85	-0.73	-0.10	2.38	-0.38	-0.67	-0.82	-0.89	-1.00	
16	-0.65	1.17	-0.66	-0.85	-0.74	0.31	2.77	-0.41	-0.68	-0.84	-0.88	-1.00	
17	-0.75	0.38	-0.64	-0.88	-0.75	0.07	2.35	-0.43	-0.68	-0.84	-0.88	-1.00	
18	-0.87	0.88	-0.65	-0.87	-0.76	-0.16	1.31	-0.44	-0.69	-0.85	-0.88	-1.01	
19	-0.88	0.35	-0.52	-0.71	-0.78	-0.26	0.80	-0.46	-0.69	-0.86	-0.88	-1.01	
20	-0.91	0.08	-0.62	-0.76	-0.78	-0.29	0.44	-0.48	-0.70	-0.87	-0.88	-1.01	
21	-0.91	-0.11	-0.63	0.32	-0.76	1.72	0.22	-0.50	-0.71	-0.88	-0.89	-1.01	
22	-0.92	-0.32	-0.66	-0.06	-0.77	1.02	0.07	-0.51	-0.71	-0.89	-0.90	-1.02	
23	-0.92	-0.42	-0.72	0.29	-0.77	0.42	0.02	-0.52	-0.72	-0.90	-0.91	-1.02	
24	-0.93	-0.51	-0.69	1.45	-0.78	0.13	-0.10	-0.52	-0.73	-0.91	-0.92	-1.02	
25	-0.93	-0.55	-0.72	0.97	-0.78	-0.08	-0.16	-0.52	-0.74	-0.92	-0.93	-1.02	
26	0.48	-0.62	-0.63	0.11	-0.77	-0.20	-0.21	-0.53	-0.75	-0.91	-0.94	-1.02	
27	-0.34	-0.69	-0.67	0.20	-0.63	-0.23	-0.26	-0.53	-0.75	-0.89	-0.96	-1.03	
28	-0.43	-0.76	-0.68	-0.25	-0.73	-0.20	-0.28	-0.53	-0.75	-0.88	-0.96	-0.93	
29	-0.34	-0.74	-0.70	0.72	-0.77	-0.18	-0.31	-0.54	-0.75	-0.89	-0.97	-0.97	
30	-0.23	-0.75	-0.71	1.09	-0.57	-0.31	-0.32	-0.54	-0.76	-0.89	-0.89	-0.98	
31		-0.80		0.47	0.01		-0.35		-0.76	-0.89		-0.91	
Mean	-0.78	0.03	-0.71	-0.34	-0.69	-0.08	0.35	-0.45	-0.67	-0.84	-0.89	-0.99	
Max	0.48	1.58	-0.52	1.45	0.01	1.72	2.77	-0.31	-0.56	-0.76	-0.85	-0.91	2.77
Min	-1.02	-0.80	-0.94	-0.88	-0.78	-0.76	-0.56	-0.54	-0.76	-0.92	-0.97	-1.03	-1.03
Annual Max Momentary Gage Height	2.98		m. (A.D.) ,				at 23.00 Hours , on Oct 16 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	-1.13	m. (A.D.)					
Left Bank Elevation	4.17		m. (A.D.) ,										
Right Bank Elevation	4.18		m. (A.D.) ,		Drainage Are	686	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.23	8.98	1.20	2.20	5.02	6.42	14.18	8.41	4.46	1.90	0.60	0.33	
2	0.23	27.58	0.60	2.10	3.62	5.16	9.55	8.03	4.18	1.90	0.60	0.33	
3	0.20	21.38	0.40	2.00	3.06	4.60	7.08	7.65	4.04	1.80	0.80	0.33	
4	0.20	54.80	2.40	2.00	2.92	3.76	8.22	7.46	3.90	1.80	0.90	0.30	
5	0.20	16.48	2.20	2.00	2.78	1.90	7.84	7.08	3.90	1.70	0.90	0.30	
6	0.20	9.36	1.80	1.90	2.64	5.02	6.42	6.70	3.76	1.60	1.00	0.30	
7	0.25	7.65	2.50	1.90	2.50	23.90	5.72	6.56	3.76	1.50	1.00	0.30	
8	0.25	11.19	2.30	1.90	2.20	19.24	4.46	6.28	3.62	1.40	1.00	0.28	
9	0.25	26.16	2.50	1.80	2.40	10.73	4.60	6.00	3.48	1.40	0.90	0.28	
10	0.25	81.36	2.10	1.70	2.50	7.46	17.17	5.86	3.48	1.30	0.80	0.28	
11	0.23	24.46	1.70	1.50	2.50	7.08	14.64	5.58	3.34	1.30	0.70	0.28	
12	0.70	26.16	1.40	1.30	2.40	7.84	93.08	5.44	3.20	1.30	0.60	0.28	
13	0.90	29.29	1.30	1.10	2.30	10.12	109.00	5.58	3.06	1.30	0.50	0.25	
14	6.00	18.78	2.92	1.10	2.30	22.78	121.60	6.00	2.92	1.30	0.50	0.25	
15	5.02	16.25	2.64	1.00	2.20	12.80	151.76	7.08	2.92	1.30	0.60	0.25	
16	3.20	55.92	3.06	1.00	2.10	22.78	194.51	6.56	2.78	1.10	0.70	0.25	
17	2.00	24.74	3.34	0.70	2.00	16.71	148.55	6.28	2.78	1.10	0.70	0.25	
18	0.80	42.20	3.20	0.80	1.90	11.42	63.82	6.14	2.64	1.00	0.70	0.23	
19	0.70	23.90	5.02	2.40	1.70	9.36	39.00	5.86	2.64	0.90	0.70	0.23	
20	0.48	16.94	3.62	1.90	1.70	8.79	26.44	5.58	2.50	0.80	0.70	0.23	
21	0.48	12.57	3.48	23.06	1.90	91.54	20.26	5.30	2.40	0.70	0.60	0.23	
22	0.45	8.22	3.06	13.72	1.80	48.40	16.71	5.16	2.40	0.60	0.50	0.20	
23	0.45	6.42	2.30	22.22	1.80	25.87	15.56	5.02	2.30	0.50	0.48	0.20	
24	0.43	5.16	2.64	72.50	1.70	18.09	12.80	5.02	2.20	0.48	0.45	0.20	
25	0.43	4.60	2.30	46.15	1.70	13.26	11.42	5.02	2.10	0.45	0.43	0.20	
26	27.58	3.62	3.48	17.63	1.80	10.50	10.31	4.88	2.00	0.48	0.40	0.20	
27	7.84	2.64	2.92	19.70	3.48	9.93	9.36	4.88	2.00	0.60	0.35	0.18	
28	6.28	1.90	2.78	9.55	2.20	10.50	8.98	4.88	2.00	0.70	0.35	0.43	
29	7.84	2.10	2.50	35.80	1.80	10.96	8.41	4.74	2.00	0.60	0.33	0.33	
30	9.93	2.00	2.40	51.55	4.32	8.41	8.22	4.74	1.90	0.60		0.30	
31		1.50		27.30	15.33		7.65		1.90	0.60		0.48	
Total	84.00	594.31	74.06	371.48	88.57	465.33	1177.32	179.77	90.56	34.01	18.79	8.48	3186.68 CMSDAY
Mean	2.80	19.17	2.47	11.98	2.86	15.51	37.98	5.99	2.92	1.10	0.65	0.27	8.71 CMS
Max	27.58	81.36	5.02	72.50	15.33	91.54	194.51	8.41	4.46	1.90	1.00	0.48	194.51 CMS
Min	0.20	1.50	0.40	0.70	1.70	1.90	4.46	4.74	1.90	0.45	0.33	0.18	0.18 CMS
Runoff	7.26	51.35	6.40	32.10	7.65	40.20	101.72	15.53	7.82	2.94	1.62	0.73	275.33 MCM
Momentary Peak	218.24	CMS.	at 2.98 m. (A.D.)	at 23.00 Hours	, on Oct 16	, 2007							
Runoff Yield	12.72	Liters/Second/Square KM.		Momentary Peak Yield	317.91	Liters/Second/Square KM.							

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Khwae Noi River at Ban Lum Sum , Kanchanaburi (K.10)

Lat 14 - 05 - 38 N Long 99 - 10 - 40 E

Location : on left bank about 100 meters upstream from Ban Lum Sum railway station

	Ban Lum Sum	Amphoe Sai Yok	Changwat Kanchanaburi
Drainage Area	7,008 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+30.400 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+52.057 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	1965 to date		
Rating Operation			
Period of Rating	1965 to date		
Rated by Flot	-		
Rated by Current Meter	1965 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by Khao Laem Dam. Stage-discharge relation defined by 17 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	34.78	34.94	34.03	33.64	33.03	33.92	33.42	33.46	33.71	32.17	33.19	34.01	
2	34.53	33.77	34.32	33.08	33.04	33.76	33.60	33.43	33.57	32.13	33.14	33.75	
3	34.69	34.46	34.02	33.16	32.96	33.61	33.34	33.60	33.00	32.45	33.16	33.34	
4	34.81	34.76	33.66	33.10	32.73	33.78	33.43	33.51	33.36	32.85	32.70	33.93	
5	34.70	35.05	34.14	32.92	32.56	34.03	33.22	32.97	33.07	32.91	33.14	33.88	
6	34.88	34.84	34.17	35.48	32.57	34.01	33.88	33.43	33.02	33.08	33.05	34.04	
7	34.68	34.49	34.08	36.57	33.17	34.15	33.67	33.51	32.99	32.66	33.47	34.12	
8	34.66	35.03	34.01	35.03	32.97	34.03	33.19	33.36	33.27	32.82	33.50	34.18	
9	34.50	34.95	34.21	33.62	33.32	33.74	33.60	33.46	33.34	32.72	33.29	34.11	
10	34.78	34.96	34.06	33.61	37.60	33.64	33.49	33.31	33.20	32.74	33.49	33.69	
11	34.95	34.72	33.70	33.13	37.20	33.71	34.21	33.30	33.03	32.76	33.27	33.77	
12	34.85	34.59	33.99	33.11	36.24	33.88	35.14	32.81	32.85	32.72	33.78	34.07	
13	34.45	34.86	34.02	33.07	35.51	33.80	35.01	33.48	32.92	32.72	33.96	34.31	
14	33.84	34.25	33.89	33.33	35.16	33.83	34.89	33.70	32.97	32.31	33.74	34.15	
15	33.74	34.80	33.95	33.53	34.83	33.64	34.54	33.65	33.13	32.90	33.70	34.26	
16	34.12	35.08	33.78	33.25	34.29	33.63	34.22	33.63	32.92	32.90	33.89	34.35	
17	34.53	35.03	33.05	33.63	34.35	33.38	34.02	33.58	33.25	32.60	33.60	33.88	
18	35.04	35.20	32.97	33.40	35.24	33.98	33.77	33.52	33.09	33.04	33.44	34.02	
19	34.81	34.81	33.41	33.23	35.58	33.94	33.67	33.08	33.22	32.71	33.72	33.95	
20	34.82	34.65	33.42	33.32	34.06	33.86	33.83	33.65	33.24	32.65	33.83	34.21	
21	34.92	34.34	33.30	33.00	33.86	34.04	33.32	33.54	33.00	32.45	33.79	34.46	
22	34.81	34.59	33.37	32.92	34.71	34.23	32.92	33.84	32.60	32.53	33.68	34.47	
23	34.59	34.81	33.31	33.03	35.40	34.18	33.36	33.95	32.76	32.56	33.42	34.69	
24	34.92	34.94	33.27	33.31	34.51	33.51	33.19	34.12	32.74	33.01	33.32	34.30	
25	34.65	35.09	32.76	33.44	33.75	34.01	33.74	34.18	32.62	33.16	32.70	34.35	
26	35.00	34.64	32.91	33.11	33.45	33.94	33.59	33.61	32.41	33.23	33.20	34.56	
27	35.01	34.61	32.85	33.01	33.14	33.91	33.28	33.79	32.73	32.98	33.47	34.98	
28	34.92	34.20	32.97	32.96	33.71	33.93	33.38	33.69	32.75	32.27	33.87	34.32	
29	34.86	34.44	33.31	32.94	33.89	33.83	32.69	33.76	32.96	32.98	34.02	34.93	
30	34.68	34.13	33.16	33.17	33.67	33.77	33.47	33.63	32.37	33.07		35.15	
31		34.15		32.97	33.97		33.57		32.25	33.09		34.57	
Mean	34.68	34.68	33.60	33.45	34.21	33.86	33.70	33.55	32.98	32.75	33.47	34.22	
Max	35.04	35.20	34.32	36.57	37.60	34.23	35.14	34.18	33.71	33.23	34.02	35.15	37.60
Min	33.74	33.77	32.76	32.92	32.56	33.38	32.69	32.81	32.25	32.13	32.70	33.34	32.13
Annual Max Momentary Gage Height	38.34		m. (MSL.) ,				at 16.00 Hours , on Aug 10 , 2007						
Zero Gage at Bottom Elevation	30.40		m. (MSL.) ,			River Bed	30.19	m. (MSL)					
Left Bank Elevation		50.87		m. (MSL.) ,									
Right Bank Elevation		47.25		m. (MSL.) ,		Drainage Are	7,008	Square Kilometers					

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Mae Klong River at Ban Wang Khanai , Kanchanaburi (K.11A)

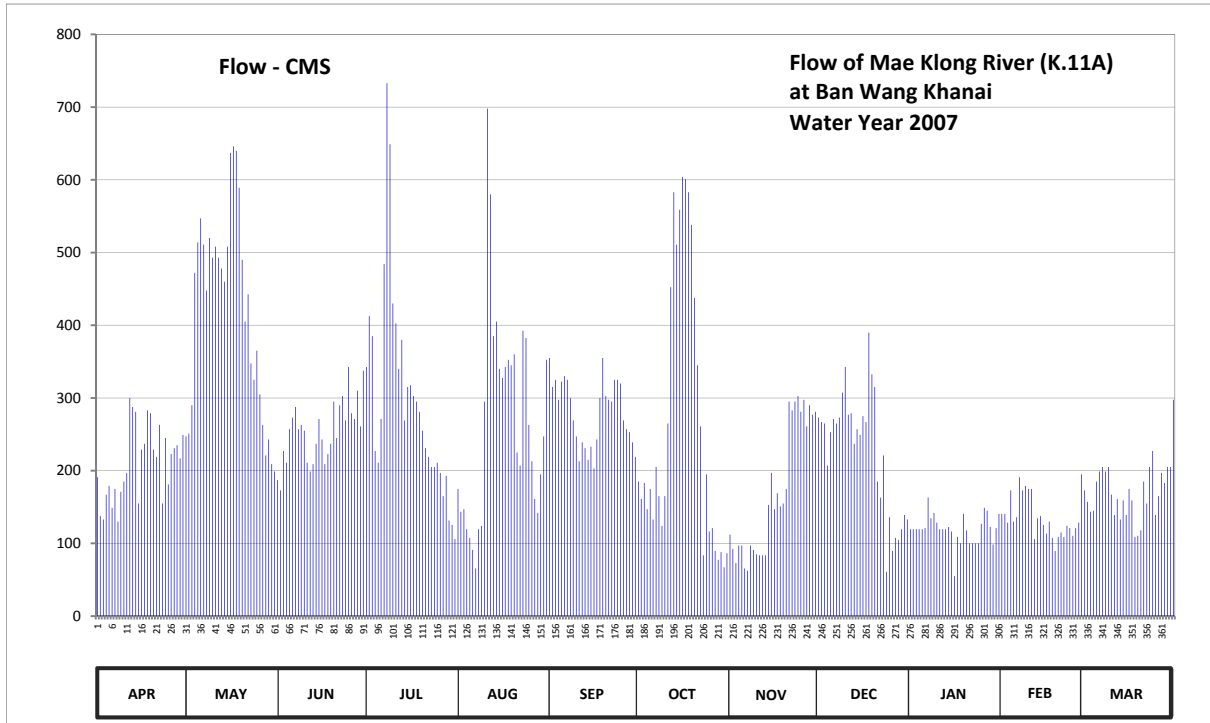
Lat 13 - 56 - 55 N Long 99 - 38 - 42 E

Location : on left bank at Ban Wang Khanai.

	Ban Wang Khanai	Amphoe Tha Muang	Changwat Kanchanaburi
Drainage Area	26,449 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+9.813 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+24.879 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	1993 to date		
Rating Operation			
Period of Rating	1993 - 1999 , 2005 to date		
Rated by Flot	-		
Rated by Current Meter	1993 - 1999 , 2005 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.73	12.01	11.71	12.43	11.65	12.48	11.70	11.28	12.14	11.33	11.47	11.64	
2	11.45	12.03	11.64	12.71	11.49	12.32	11.58	11.15	12.11	11.33	11.47	11.56	
3	11.42	12.22	11.91	12.60	11.51	12.36	11.69	11.02	12.10	11.33	11.39	11.49	
4	11.61	12.94	11.83	11.91	11.33	12.25	11.51	11.18	11.81	11.33	11.64	11.50	
5	11.67	13.08	12.06	11.83	11.25	12.35	11.65	11.18	12.04	11.33	11.40	11.70	
6	11.52	13.19	12.14	12.13	11.14	12.38	11.42	10.97	12.13	11.34	11.44	11.77	
7	11.65	13.07	12.21	12.98	10.97	12.36	11.80	10.95	12.10	11.59	11.73	11.80	
8	11.40	12.85	12.06	13.78	11.33	12.26	11.60	11.18	12.14	11.43	11.64	11.77	
9	11.63	13.10	12.09	13.53	11.36	12.12	11.36	11.14	12.29	11.48	11.67	11.80	
10	11.70	13.01	12.05	12.78	12.24	12.01	11.60	11.10	12.43	11.39	11.65	11.61	
11	11.76	13.06	11.83	12.67	13.68	11.84	12.10	11.09	12.16	11.33	11.65	11.46	
12	12.26	13.01	11.77	12.42	13.30	11.97	12.87	11.09	12.17	11.33	11.24	11.58	
13	12.21	12.96	11.82	12.58	12.60	11.93	13.31	11.09	11.96	11.33	11.43	11.42	
14	12.18	12.90	11.96	12.12	12.68	11.85	13.07	11.54	12.06	11.35	11.45	11.57	
15	11.55	13.06	12.13	12.32	12.42	11.94	13.23	11.76	12.02	11.31	11.37	11.46	
16	11.92	13.49	11.99	12.33	12.37	11.79	13.38	11.51	12.15	10.90	11.29	11.65	
17	11.96	13.52	11.82	12.27	12.43	11.99	13.37	11.62	12.11	11.26	11.40	11.57	
18	12.19	13.50	11.89	12.24	12.47	12.26	13.31	11.53	12.62	11.20	11.25	11.26	
19	12.17	13.33	11.96	12.18	12.44	12.48	13.16	11.55	12.39	11.47	11.13	11.27	
20	11.92	13.00	12.24	12.05	12.50	12.27	12.81	11.65	12.32	11.32	11.26	11.32	
21	11.87	12.68	12.00	11.93	11.90	12.25	12.44	12.24	11.70	11.20	11.30	11.70	
22	12.09	12.83	12.22	11.87	11.81	12.24	12.08	12.19	11.59	11.20	11.26	11.55	
23	11.55	12.45	12.27	11.80	12.63	12.36	11.09	12.24	11.88	11.20	11.36	11.80	
24	12.00	12.36	12.12	11.80	12.59	12.36	11.75	12.27	10.94	11.20	11.34	11.91	
25	11.68	12.52	12.43	11.83	12.09	12.34	11.31	12.18	11.44	11.38	11.27	11.46	
26	11.89	12.28	12.17	11.76	11.84	12.12	11.34	12.25	11.13	11.52	11.34	11.60	
27	11.93	12.09	12.13	11.60	11.58	12.06	11.13	12.08	11.25	11.50	11.39	11.76	
28	11.95	11.88	12.30	11.74	11.48	12.04	11.05	12.22	11.23	11.35	11.75	11.69	
29	11.86	11.99	12.08	11.41	11.75	11.97	11.12	12.16	11.33	11.19	11.62	11.80	
30	12.02	11.82	12.41	11.37	12.01	11.87	10.98	12.18	11.46	11.34	11.26	11.80	
31		11.77		11.24	12.47		11.11		11.42	11.47		12.25	
Mean	11.82	12.71	12.04	12.20	12.04	12.16	12.00	11.59	11.89	11.33	11.43	11.63	
Max	12.26	13.52	12.43	13.78	13.68	12.48	13.38	12.27	12.62	11.59	11.75	12.25	13.78
Min	11.40	11.77	11.64	11.24	10.97	11.79	10.98	10.95	10.94	10.90	11.13	11.26	10.90
Annual Max Momentary Gage Height	13.92		m. (MSL.) ,				at 09.00 Hours , on Aug 11 , 2007						
Zero Gage at Bottom Elevation	9.81		m. (MSL.) ,			River Bed	9.97		m. (MSL)				
Left Bank Elevation	20.43		m. (MSL.) ,										
Right Bank Elevation	16.89		m. (MSL.) ,			Drainage Area	26,449		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	191.00	247.00	187.00	342.50	175.00	355.00	185.00	112.00	273.00	119.50	140.50	173.00		
2	137.50	251.00	173.00	412.50	143.50	315.00	161.00	92.50	267.00	119.50	140.50	157.00		
3	133.00	290.00	227.00	385.00	147.00	325.00	183.00	73.00	265.00	119.50	128.50	143.50		
4	167.00	472.00	211.00	227.00	119.50	297.50	147.00	97.00	207.00	119.50	173.00	145.00		
5	179.00	514.00	257.00	211.00	107.50	322.50	175.00	97.00	253.00	119.50	130.00	185.00		
6	149.00	547.00	273.00	271.00	91.00	330.00	133.00	65.50	271.00	121.00	136.00	199.00		
7	175.00	511.00	287.50	484.00	65.50	325.00	205.00	62.50	265.00	163.00	191.00	205.00		
8	130.00	447.50	257.00	733.00	119.50	300.00	165.00	97.00	273.00	134.50	173.00	199.00		
9	171.00	520.00	263.00	649.00	124.00	269.00	124.00	91.00	307.50	142.00	179.00	205.00		
10	185.00	493.00	255.00	430.00	295.00	247.00	165.00	85.00	342.50	128.50	175.00	167.00		
11	197.00	508.00	211.00	402.50	698.00	213.00	265.00	83.50	277.00	119.50	175.00	139.00		
12	300.00	493.00	199.00	340.00	580.00	239.00	452.50	83.50	279.00	119.50	106.00	161.00		
13	287.50	478.00	209.00	380.00	385.00	231.00	583.00	83.50	237.00	119.50	134.50	133.00		
14	281.00	460.00	237.00	269.00	405.00	215.00	511.00	153.00	257.00	122.50	137.50	159.00		
15	155.00	508.00	271.00	315.00	340.00	233.00	559.00	197.00	249.00	116.50	125.50	139.00		
16	229.00	637.00	243.00	317.50	327.50	203.00	604.00	147.00	275.00	55.00	113.50	175.00		
17	237.00	646.00	209.00	302.50	342.50	243.00	601.00	169.00	267.00	109.00	130.00	159.00		
18	283.00	640.00	223.00	295.00	352.50	300.00	583.00	151.00	390.00	100.00	107.50	109.00		
19	279.00	589.00	237.00	281.00	345.00	355.00	538.00	155.00	332.50	140.50	89.50	110.50		
20	229.00	490.00	295.00	255.00	360.00	302.50	437.50	175.00	315.00	118.00	109.00	118.00		
21	219.00	405.00	245.00	231.00	225.00	297.50	345.00	295.00	185.00	100.00	115.00	185.00		
22	263.00	442.50	290.00	219.00	207.00	295.00	261.00	283.00	163.00	100.00	109.00	155.00		
23	155.00	347.50	302.50	205.00	392.50	325.00	83.50	295.00	221.00	100.00	124.00	205.00		
24	245.00	325.00	269.00	205.00	382.50	325.00	195.00	302.50	61.00	100.00	121.00	227.00		
25	181.00	365.00	342.50	211.00	263.00	320.00	116.50	281.00	136.00	127.00	110.50	139.00		
26	223.00	305.00	279.00	197.00	213.00	269.00	121.00	297.50	89.50	149.00	121.00	165.00		
27	231.00	263.00	271.00	165.00	161.00	257.00	89.50	261.00	107.50	145.00	128.50	197.00		
28	235.00	221.00	310.00	193.00	142.00	253.00	77.50	290.00	104.50	122.50	195.00	183.00		
29	217.00	243.00	261.00	131.50	195.00	239.00	88.00	277.00	119.50	98.50	169.00	205.00		
30	249.00	209.00	337.50	125.50	247.00	219.00	67.00	281.00	139.00	121.00		205.00		
31		199.00		106.00	352.50		86.50		133.00	140.50		297.50		
Total	6313.00	13066.50	7632.00	9291.50	8303.50	8420.00	8307.50	5133.00	7061.50	3710.00	3987.50	5344.50	86570.50	CMSDAY
Mean	210.43	421.50	254.40	299.73	267.85	280.67	267.98	171.10	227.79	119.68	137.50	172.40	236.53	CMS
Max	300.00	646.00	342.50	733.00	698.00	355.00	604.00	302.50	390.00	163.00	195.00	297.50	733.00	CMS
Min	130.00	199.00	173.00	106.00	65.50	203.00	67.00	62.50	61.00	55.00	89.50	109.00	55.00	CMS
Runoff	545.44	1128.95	659.40	802.79	717.42	727.49	717.77	443.49	610.11	320.54	344.52	461.76	7479.69	MCM
Momentary Peak	782.00 CMS. at 13.92 m. (MSL.) at 09.00 Hours , on Aug 11 , 2007													
Runoff Yield	8.97 Liters/Second/Square KM.			Momentary Peak Yield				29.57 Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Lam Ta Phoen at Ban Thung Na Nang Rok , Kanchanaburi (K.12)

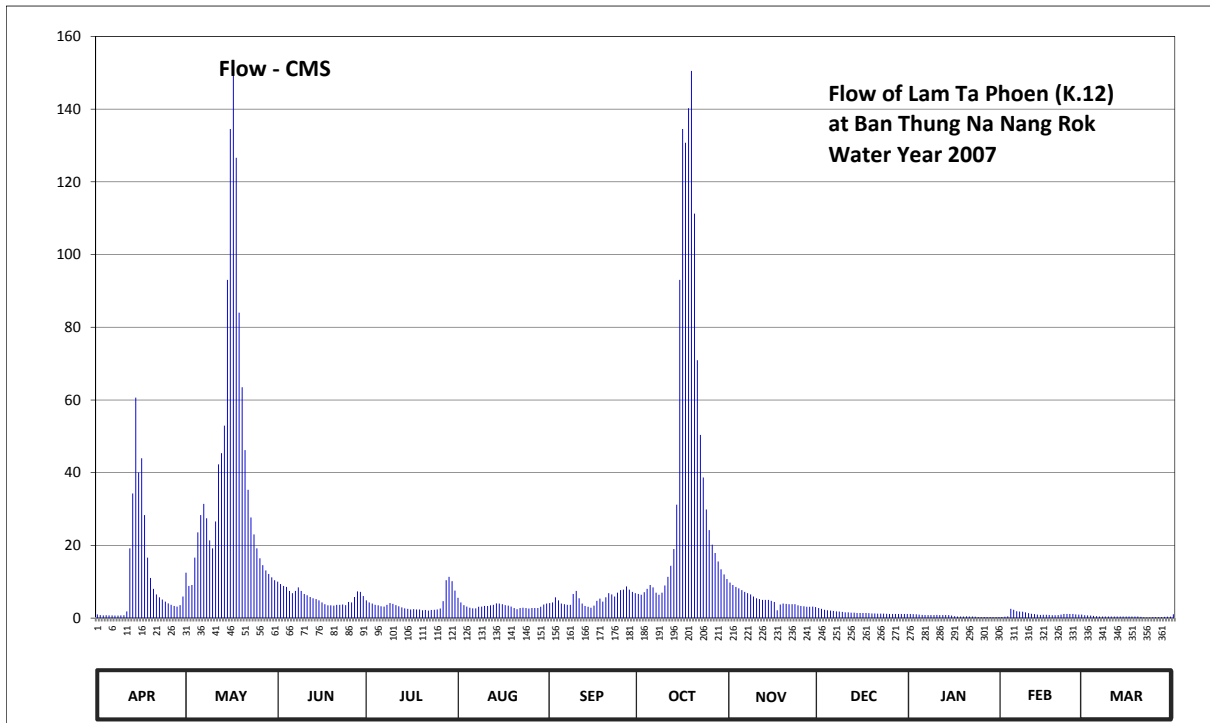
Lat 14 - 09 - 17 N Long 99 - 25 - 07 E

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	Fairly stable by some scouring.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 53 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.20	42.33	42.17	41.75	41.81	41.68	41.90	42.15	41.51	41.24	41.00	41.15	
2	41.16	42.08	42.12	41.70	41.70	41.70	41.88	42.10	41.48	41.22	41.03	41.14	
3	41.14	42.10	42.08	41.66	41.61	41.82	41.94	42.06	41.45	41.21	41.06	41.12	
4	41.15	42.58	42.06	41.62	41.56	41.75	42.02	42.03	41.43	41.19	41.48	41.10	
5	41.14	42.94	41.97	41.60	41.52	41.66	42.10	41.99	41.42	41.17	41.45	41.07	
6	41.14	43.16	41.92	41.57	41.50	41.64	42.05	41.95	41.41	41.16	41.40	41.05	
7	41.13	43.30	41.97	41.56	41.50	41.62	41.93	41.92	41.39	41.16	41.38	41.04	
8	41.13	43.12	42.05	41.62	41.55	41.62	41.88	41.89	41.38	41.16	41.37	41.04	
9	41.14	42.83	41.97	41.68	41.56	41.90	41.93	41.84	41.36	41.16	41.34	41.04	
10	41.15	42.72	41.90	41.65	41.58	41.97	42.09	41.80	41.34	41.17	41.29	41.04	
11	41.39	43.08	41.87	41.61	41.58	41.80	42.26	41.78	41.34	41.16	41.25	41.05	
12	42.72	43.71	41.83	41.57	41.60	41.66	42.45	41.76	41.32	41.16	41.22	41.05	
13	43.41	43.82	41.80	41.53	41.62	41.58	42.71	41.76	41.32	41.16	41.19	41.05	
14	44.32	44.08	41.78	41.50	41.67	41.55	43.29	41.76	41.30	41.16	41.17	41.04	
15	43.63	45.22	41.75	41.48	41.66	41.52	45.22	41.74	41.30	41.12	41.18	41.04	
16	43.77	46.14	41.70	41.46	41.64	41.59	46.14	41.71	41.30	41.08	41.18	41.04	
17	43.16	46.50	41.64	41.47	41.61	41.74	46.06	41.43	41.30	41.05	41.17	41.04	
18	42.58	45.97	41.60	41.46	41.59	41.79	46.26	41.63	41.29	41.04	41.15	41.04	
19	42.24	44.99	41.60	41.46	41.56	41.72	46.47	41.66	41.27	41.04	41.15	41.04	
20	42.02	44.41	41.59	41.43	41.51	41.82	45.63	41.65	41.27	41.06	41.16	41.01	
21	41.89	43.85	41.62	41.44	41.47	41.92	44.64	41.64	41.26	41.05	41.19	40.97	
22	41.82	43.45	41.62	41.42	41.51	41.89	44.00	41.64	41.26	41.04	41.24	40.96	
23	41.77	43.13	41.63	41.44	41.52	41.84	43.58	41.64	41.26	41.03	41.24	40.96	
24	41.72	42.91	41.61	41.45	41.51	41.93	43.23	41.60	41.25	40.99	41.23	40.98	
25	41.67	42.72	41.71	41.46	41.49	41.99	42.97	41.58	41.24	40.99	41.23	40.99	
26	41.62	42.57	41.70	41.49	41.51	42.00	42.77	41.57	41.24	41.00	41.20	40.98	
27	41.58	42.46	41.83	41.73	41.51	42.07	42.65	41.55	41.24	40.99	41.19	40.98	
28	41.56	42.37	41.96	42.20	41.51	42.00	42.52	41.55	41.24	40.98	41.19	41.02	
29	41.61	42.31	41.95	42.26	41.55	41.95	42.39	41.56	41.24	40.98	41.18	41.03	
30	41.84	42.25	41.85	42.18	41.63	41.92	42.30	41.54	41.24	40.98		41.03	
31		42.20		41.98	41.66		42.22		41.24	40.99		41.21	
Mean	41.93	43.40	41.83	41.63	41.57	41.79	43.21	41.75	41.32	41.09	41.22	41.04	
Max	44.32	46.50	42.17	42.26	41.81	42.07	46.47	42.15	41.51	41.24	41.48	41.21	46.50
Min	41.13	42.08	41.59	41.42	41.47	41.52	41.88	41.43	41.24	40.98	41.00	40.96	40.96
Annual Max Momentary Gage Height	46.55		m. (MSL.) ,				at 18.00 Hours , on May 17 , 2007						
Zero Gage at Bottom Elevation	40.44		m. (MSL.) ,				River Bed 40.75	m. (MSL.)					
Left Bank Elevation		49.54		m. (MSL.) ,									
Right Bank Elevation		46.56		m. (MSL.) ,			Drainage Are 2,375	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.00	12.48	10.02	4.89	5.59	4.14	6.64	9.76	2.78	1.16	0.30	0.80	
2	0.84	8.85	9.37	4.30	4.30	4.30	6.41	9.11	2.54	1.08	0.39	0.76	
3	0.76	9.11	8.85	3.98	3.58	5.70	7.11	8.59	2.30	1.04	0.48	0.68	
4	0.80	16.64	8.59	3.66	3.18	4.89	8.07	8.20	2.14	0.96	2.54	0.60	
5	0.76	23.60	7.46	3.50	2.86	3.98	9.11	7.69	2.06	0.88	2.30	0.51	
6	0.76	28.32	6.87	3.26	2.70	3.82	8.46	7.23	1.98	0.84	1.90	0.45	
7	0.72	31.40	7.46	3.18	2.70	3.66	6.99	6.87	1.85	0.84	1.80	0.42	
8	0.72	27.44	8.46	3.66	3.10	3.66	6.41	6.52	1.80	0.84	1.75	0.42	
9	0.76	21.40	7.46	4.14	3.18	6.64	6.99	5.94	1.70	0.84	1.60	0.42	
10	0.80	19.20	6.64	3.90	3.34	7.46	8.98	5.47	1.60	0.88	1.36	0.42	
11	1.85	26.56	6.29	3.58	3.34	5.47	11.36	5.24	1.60	0.84	1.20	0.45	
12	19.20	42.28	5.82	3.26	3.50	3.98	14.40	5.00	1.50	0.84	1.08	0.45	
13	34.26	45.36	5.47	2.94	3.66	3.34	19.00	5.00	1.50	0.84	0.96	0.45	
14	60.64	52.96	5.24	2.70	4.06	3.10	31.18	5.00	1.40	0.84	0.88	0.42	
15	40.04	93.04	4.89	2.54	3.98	2.86	93.04	4.77	1.40	0.68	0.92	0.42	
16	43.96	134.52	4.30	2.38	3.82	3.42	134.52	4.42	1.40	0.54	0.92	0.42	
17	28.32	152.00	3.82	2.46	3.58	4.77	130.76	2.14	1.40	0.45	0.88	0.42	
18	16.64	126.62	3.50	2.38	3.42	5.35	140.28	3.74	1.36	0.42	0.80	0.42	
19	11.05	84.02	3.50	2.38	3.18	4.53	150.53	3.98	1.28	0.42	0.80	0.42	
20	8.07	63.52	3.42	2.14	2.78	5.70	111.25	3.90	1.28	0.48	0.84	0.33	
21	6.52	46.20	3.66	2.22	2.46	6.87	70.96	3.82	1.24	0.45	0.96	0.21	
22	5.70	35.30	3.66	2.06	2.78	6.52	50.40	3.82	1.24	0.42	1.16	0.18	
23	5.12	27.66	3.74	2.22	2.86	5.94	38.68	3.82	1.24	0.39	1.16	0.18	
24	4.53	23.00	3.58	2.30	2.78	6.99	29.86	3.50	1.20	0.27	1.12	0.24	
25	4.06	19.20	4.42	2.38	2.62	7.69	24.20	3.34	1.16	0.27	1.12	0.27	
26	3.66	16.46	4.30	2.62	2.78	7.81	20.20	3.26	1.16	0.30	1.00	0.24	
27	3.34	14.56	5.82	4.65	2.78	8.72	17.90	3.10	1.16	0.27	0.96	0.24	
28	3.18	13.11	7.34	10.41	2.78	7.81	15.56	3.10	1.16	0.24	0.96	0.36	
29	3.58	12.16	7.23	11.36	3.10	7.23	13.43	3.18	1.16	0.24	0.92	0.39	
30	5.94	11.21	6.06	10.15	3.74	6.87	12.00	3.02	1.16	0.24	0.92	0.39	
31		10.41		7.58	3.98		10.73		1.16	0.27		1.04	
Total	317.58	1248.59	177.24	123.18	102.51	163.22	1215.41	152.53	47.91	19.07	33.06	13.42	3613.72 CMSDAY
Mean	10.59	40.28	5.91	3.97	3.31	5.44	39.21	5.08	1.55	0.62	1.14	0.43	9.87 CMS
Max	60.64	152.00	10.02	11.36	5.59	8.72	150.53	9.76	2.78	1.16	2.54	1.04	152.00 CMS
Min	0.72	8.85	3.42	2.06	2.46	2.86	6.41	2.14	1.16	0.24	0.30	0.18	0.18 CMS
Runoff	27.44	107.88	15.31	10.64	8.86	14.10	105.01	13.18	4.14	1.65	2.86	1.16	312.23 MCM
Momentary Peak		154.50 CMS.		at 46.55 m. (MSL.)		at 18.00 Hours		on May 17, 2007					
Runoff Yield		4.17		Liters/Second/Square KM.		Momentary Peak Yield		65.05					Liters/Second/Square KM.

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Lam Phachi at Ban Bo , Ratchaburi (K.17)

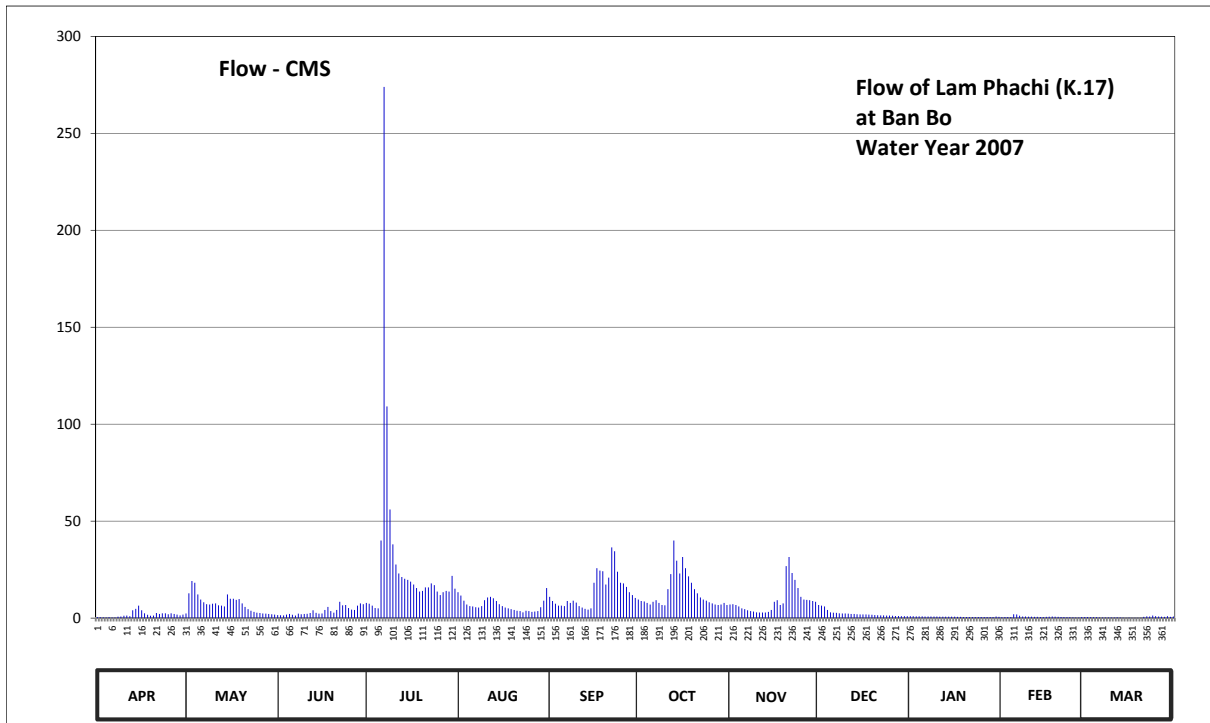
Lat 13 - 32 - 31 N Long 99 - 21 - 24 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 86 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	97.49	97.74	97.66	98.04	98.28	98.20	98.13	98.00	97.99	97.59	97.50	97.52	
2	97.50	98.26	97.65	98.02	98.22	98.09	98.09	98.01	97.97	97.59	97.51	97.51	
3	97.48	98.47	97.64	97.97	98.10	98.02	98.08	97.99	97.95	97.58	97.51	97.50	
4	97.47	98.44	97.68	97.91	98.00	97.97	98.04	97.95	97.86	97.58	97.52	97.49	
5	97.49	98.24	97.71	97.90	97.96	97.97	98.00	97.90	97.80	97.58	97.70	97.49	
6	97.47	98.13	97.67	99.00	97.95	97.96	98.07	97.88	97.78	97.57	97.69	97.47	
7	97.46	98.06	97.63	101.64	97.93	98.09	98.11	97.85	97.77	97.57	97.62	97.46	
8	97.55	98.01	97.73	100.09	97.92	98.04	98.04	97.83	97.75	97.56	97.56	97.46	
9	97.56	98.00	97.70	99.32	97.96	98.10	97.99	97.82	97.74	97.56	97.56	97.46	
10	97.62	98.02	97.71	98.96	98.11	98.05	97.98	97.80	97.74	97.56	97.54	97.46	
11	97.63	98.03	97.72	98.74	98.18	97.96	98.33	97.79	97.73	97.55	97.54	97.46	
12	97.60	97.98	97.76	98.60	98.20	97.92	98.59	97.79	97.71	97.55	97.53	97.48	
13	97.85	97.97	97.85	98.54	98.16	97.89	99.00	97.79	97.71	97.55	97.53	97.46	
14	97.89	97.95	97.77	98.51	98.09	97.87	98.79	97.81	97.70	97.54	97.51	97.45	
15	97.97	98.24	97.73	98.49	98.01	97.90	98.60	97.86	97.69	97.54	97.52	97.44	
16	97.85	98.15	97.74	98.46	97.96	98.44	98.83	98.07	97.69	97.54	97.53	97.45	
17	97.75	98.15	97.86	98.41	97.92	98.69	98.69	98.11	97.69	97.53	97.55	97.44	
18	97.67	98.12	97.94	98.35	97.90	98.65	98.55	97.99	97.68	97.53	97.56	97.43	
19	97.62	98.14	97.83	98.29	97.88	98.64	98.44	98.03	97.67	97.52	97.55	97.43	
20	97.63	98.03	97.78	98.30	97.86	98.41	98.33	98.72	97.66	97.52	97.53	97.44	
21	97.76	97.94	97.86	98.36	97.84	98.53	98.26	98.83	97.65	97.52	97.52	97.53	
22	97.71	97.88	98.07	98.36	97.83	98.93	98.18	98.61	97.64	97.52	97.51	97.58	
23	97.75	97.84	97.98	98.43	97.80	98.89	98.13	98.49	97.64	97.51	97.50	97.57	
24	97.75	97.81	97.99	98.40	97.84	98.63	98.10	98.35	97.63	97.51	97.49	97.63	
25	97.70	97.78	97.91	98.29	97.83	98.44	98.06	98.20	97.63	97.51	97.48	97.60	
26	97.75	97.76	97.87	98.23	97.81	98.43	98.03	98.13	97.62	97.51	97.47	97.56	
27	97.71	97.74	97.86	98.28	97.82	98.37	98.00	98.12	97.61	97.51	97.47	97.54	
28	97.68	97.73	97.97	98.30	97.83	98.28	97.99	98.11	97.61	97.51	97.52	97.53	
29	97.64	97.71	98.03	98.29	97.93	98.23	98.00	98.09	97.60	97.51	97.51	97.59	
30	97.68	97.70	98.01	98.56	98.10	98.17	98.04	98.07	97.60	97.56	97.56	97.53	
31		97.68		98.34	98.35		97.99		97.59	97.53		97.56	
Mean	97.66	97.99	97.81	98.56	97.99	98.26	98.24	98.07	97.71	97.54	97.54	97.50	
Max	97.97	98.47	98.07	101.64	98.35	98.93	99.00	98.83	97.99	97.59	97.70	97.63	101.64
Min	97.46	97.68	97.63	97.90	97.80	97.87	97.98	97.79	97.59	97.51	97.47	97.43	97.43
Annual Max Momentary Gage Height	102.00		m. (MSL.) ,				at 08.00 Hours ,						on Jul 7, 2007
Zero Gage at Bottom Elevation		97.46	m. (MSL.) ,			River Bed	97.13	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, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.45	2.40	1.60	7.80	13.40	11.00	9.60	7.00	6.80	0.95	0.50	0.60	
2	0.50	12.80	1.50	7.40	11.60	8.80	8.80	7.20	6.40	0.95	0.55	0.55	
3	0.40	19.10	1.40	6.40	9.00	7.40	8.60	6.80	6.00	0.90	0.55	0.50	
4	0.35	18.20	1.80	5.20	7.00	6.40	7.80	6.00	4.20	0.90	0.60	0.45	
5	0.45	12.20	2.10	5.00	6.20	6.40	7.00	5.00	3.00	0.90	2.00	0.45	
6	0.35	9.60	1.70	40.00	6.00	6.20	8.40	4.60	2.80	0.85	1.90	0.35	
7	0.30	8.20	1.30	274.00	5.60	8.80	9.20	4.00	2.70	0.85	1.20	0.30	
8	0.75	7.20	2.30	109.20	5.40	7.80	7.80	3.60	2.50	0.80	0.80	0.30	
9	0.80	7.00	2.00	56.00	6.20	9.00	6.80	3.40	2.40	0.80	0.80	0.30	
10	1.20	7.40	2.10	38.00	9.20	8.00	6.60	3.00	2.40	0.80	0.70	0.30	
11	1.30	7.60	2.20	27.60	10.60	6.20	14.90	2.90	2.30	0.75	0.70	0.30	
12	1.00	6.60	2.60	23.00	11.00	5.40	22.70	2.90	2.10	0.75	0.65	0.40	
13	4.00	6.40	4.00	21.20	10.20	4.80	40.00	2.90	2.10	0.75	0.65	0.30	
14	4.80	6.00	2.70	20.30	8.80	4.40	29.60	3.20	2.00	0.70	0.55	0.25	
15	6.40	12.20	2.30	19.70	7.20	5.00	23.00	4.20	1.90	0.70	0.60	0.20	
16	4.00	10.00	2.40	18.80	6.20	18.20	31.50	8.40	1.90	0.70	0.65	0.25	
17	2.50	10.00	4.20	17.30	5.40	25.70	25.70	9.20	1.90	0.65	0.75	0.20	
18	1.70	9.40	5.80	15.50	5.00	24.50	21.50	6.80	1.80	0.65	0.80	0.15	
19	1.20	9.80	3.60	13.70	4.60	24.20	18.20	7.60	1.70	0.60	0.75	0.15	
20	1.30	7.60	2.80	14.00	4.20	17.30	14.90	26.80	1.60	0.60	0.65	0.20	
21	2.60	5.80	4.20	15.80	3.80	20.90	12.80	31.50	1.50	0.60	0.60	0.65	
22	2.10	4.60	8.40	15.80	3.60	36.50	10.60	23.30	1.40	0.60	0.55	0.90	
23	2.50	3.80	6.60	17.90	3.00	34.50	9.60	19.70	1.40	0.55	0.50	0.85	
24	2.50	3.20	6.80	17.00	3.80	23.90	9.00	15.50	1.30	0.55	0.45	1.30	
25	2.00	2.80	5.20	13.70	3.60	18.20	8.20	11.00	1.30	0.55	0.40	1.00	
26	2.50	2.60	4.40	11.90	3.20	17.90	7.60	9.60	1.20	0.55	0.35	0.80	
27	2.10	2.40	4.20	13.40	3.40	16.10	7.00	9.40	1.10	0.55	0.35	0.70	
28	1.80	2.30	6.40	14.00	3.60	13.40	6.80	9.20	1.10	0.55	0.60	0.65	
29	1.40	2.10	7.60	13.70	5.60	11.90	7.00	8.80	1.00	0.55	0.55	0.95	
30	1.80	2.00	7.20	21.80	9.00	10.40	7.80	8.40	1.00	0.80		0.65	
31		1.80		15.20	15.50		6.80		0.95	0.65		0.80	
Total	55.05	223.10	111.40	910.30	210.90	419.20	415.80	271.90	71.75	22.05	20.70	15.75	2747.90 CMSDAY
Mean	1.83	7.20	3.71	29.36	6.80	13.97	13.41	9.06	2.31	0.71	0.71	0.51	7.51 CMS
Max	6.40	19.10	8.40	274.00	15.50	36.50	40.00	31.50	6.80	0.95	2.00	1.30	274.00 CMS
Min	0.30	1.80	1.30	5.00	3.00	4.40	6.60	2.90	0.95	0.55	0.35	0.15	0.15 CMS
Runoff	4.76	19.28	9.62	78.65	18.22	36.22	35.93	23.49	6.20	1.91	1.79	1.36	237.42 MCM
Momentary Peak		328.00	CMS.	at 102.00 m. (MSL.)	at 08.00 Hours	, on Jul 7, 2007							
Runoff Yield		5.60	Liters/Second/Square KM.		Momentary Peak Yield	244.02	Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Mae Nam Noi at Ban Sai Yok, Kanchanaburi (K.22B)

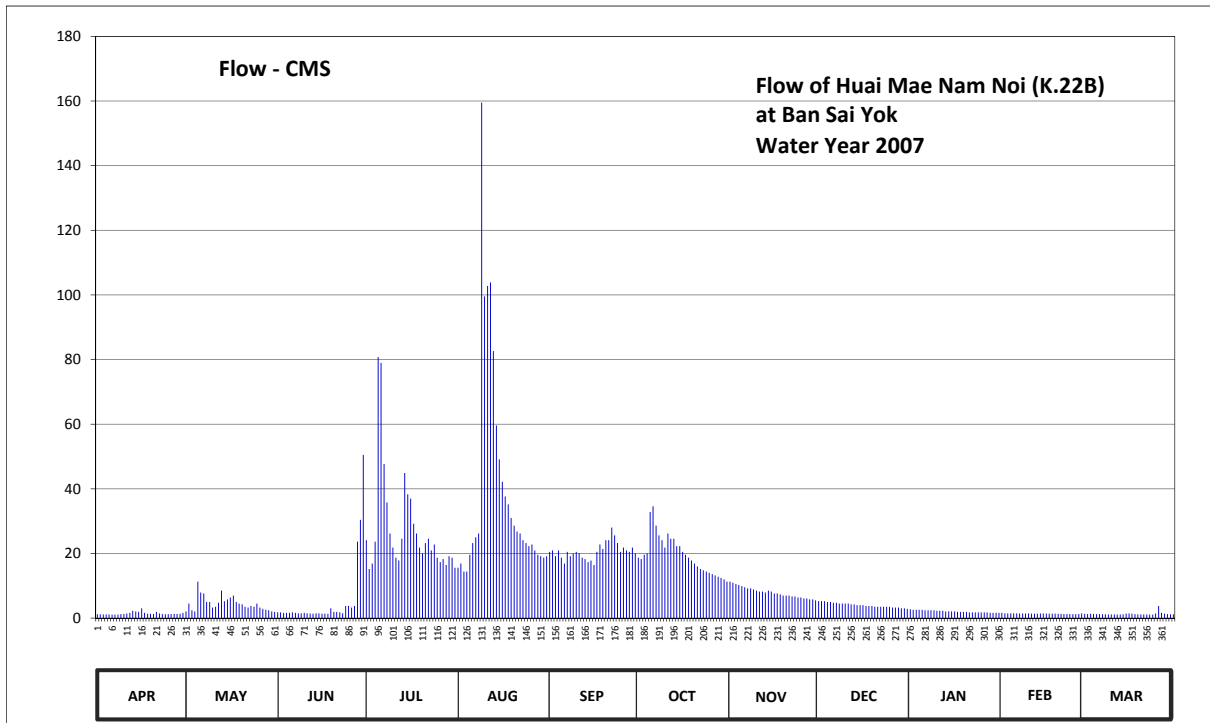
Lat 14 - 26 - 59 N Long 98 - 48 - 08 E

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	Fairly stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +71.360 m.(MSL.), records are channel flow only.No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 41 discharge measurements made in 2007.		

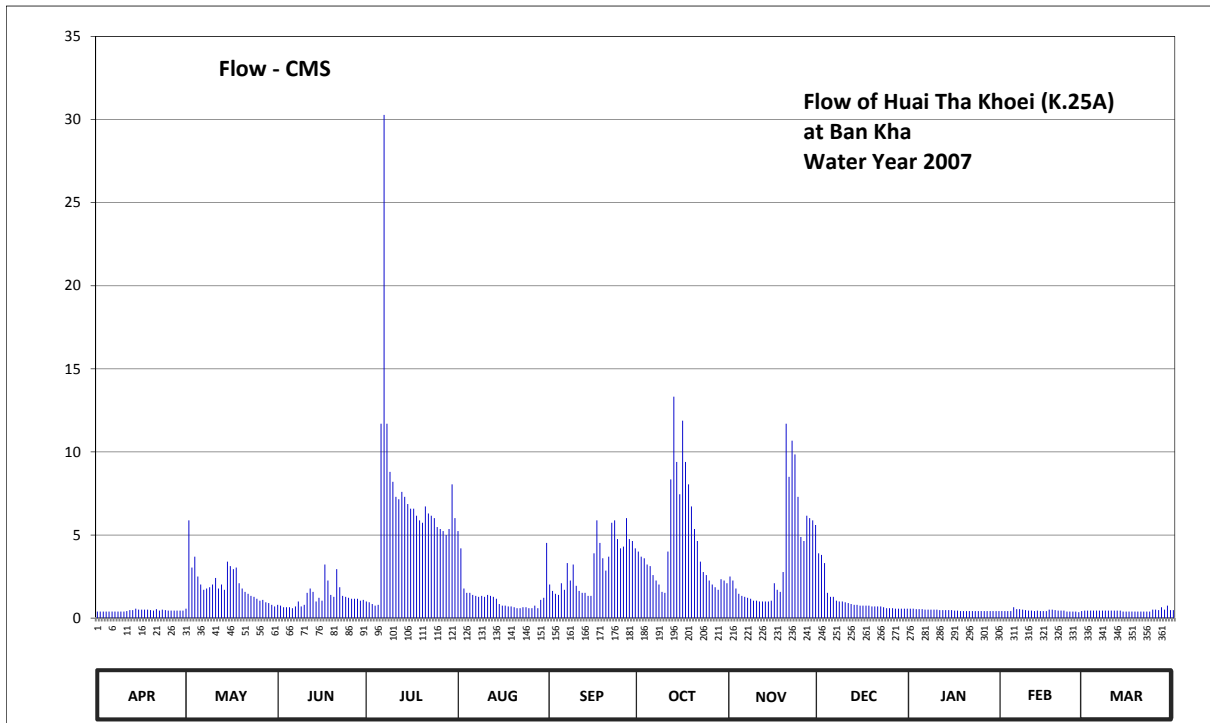
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	68.24	68.34	68.32	68.98	68.79	68.90	68.86	68.68	68.49	68.38	68.31	68.27	
2	68.24	68.46	68.32	68.78	68.82	68.91	68.85	68.67	68.49	68.37	68.30	68.26	
3	68.23	68.36	68.31	68.82	68.76	68.87	68.88	68.66	68.49	68.37	68.30	68.28	
4	68.23	68.34	68.31	68.97	68.76	68.91	68.89	68.65	68.48	68.37	68.30	68.26	
5	68.23	68.68	68.31	69.76	68.88	68.86	69.13	68.64	68.48	68.37	68.30	68.25	
6	68.22	68.58	68.32	69.74	68.96	68.82	69.16	68.63	68.47	68.36	68.30	68.25	
7	68.22	68.57	68.31	69.36	69.00	68.90	69.06	68.62	68.47	68.36	68.29	68.24	
8	68.22	68.48	68.30	69.18	69.02	68.87	69.01	68.62	68.46	68.36	68.29	68.24	
9	68.25	68.48	68.30	69.02	70.41	68.89	68.98	68.61	68.46	68.36	68.29	68.23	
10	68.26	68.41	68.31	68.93	69.94	68.90	68.93	68.60	68.46	68.35	68.29	68.23	
11	68.29	68.42	68.30	68.86	69.97	68.89	69.02	68.59	68.46	68.35	68.28	68.23	
12	68.31	68.47	68.29	68.84	69.98	68.86	68.99	68.59	68.45	68.35	68.28	68.23	
13	68.35	68.60	68.28	68.99	69.78	68.85	68.99	68.58	68.45	68.34	68.28	68.23	
14	68.34	68.49	68.30	69.32	69.52	68.83	68.94	68.60	68.44	68.34	68.29	68.24	
15	68.33	68.51	68.30	69.22	69.38	68.84	68.94	68.59	68.44	68.34	68.29	68.28	
16	68.40	68.53	68.28	69.20	69.28	68.81	68.90	68.57	68.44	68.34	68.28	68.29	
17	68.31	68.55	68.28	69.07	69.21	68.90	68.88	68.57	68.43	68.33	68.28	68.28	
18	68.27	68.48	68.27	69.02	69.17	68.95	68.86	68.56	68.43	68.33	68.28	68.25	
19	68.27	68.46	68.40	68.93	69.10	68.92	68.84	68.55	68.43	68.33	68.28	68.24	
20	68.26	68.45	68.33	68.89	69.06	68.98	68.82	68.55	68.42	68.33	68.27	68.23	
21	68.33	68.42	68.33	68.96	69.03	68.98	68.80	68.55	68.42	68.32	68.27	68.23	
22	68.29	68.41	68.32	68.99	69.02	69.05	68.78	68.54	68.42	68.32	68.26	68.23	
23	68.26	68.43	68.30	68.91	68.98	69.01	68.77	68.54	68.42	68.32	68.26	68.22	
24	68.24	68.42	68.43	68.95	68.96	68.96	68.76	68.53	68.42	68.32	68.26	68.22	
25	68.25	68.46	68.43	68.86	68.94	68.90	68.75	68.53	68.42	68.32	68.25	68.29	
26	68.26	68.41	68.41	68.83	68.95	68.93	68.74	68.52	68.41	68.32	68.25	68.43	
27	68.27	68.39	68.43	68.85	68.91	68.91	68.73	68.52	68.41	68.32	68.26	68.31	
28	68.26	68.37	68.97	68.81	68.88	68.90	68.72	68.51	68.41	68.31	68.30	68.28	
29	68.27	68.36	69.09	68.87	68.87	68.93	68.71	68.51	68.40	68.31	68.28	68.25	
30	68.31	68.34	69.40	68.86	68.86	68.89	68.70	68.50	68.40	68.31	68.24	68.24	
31		68.33		68.79	68.87		68.68		68.39	68.31		68.24	
Mean	68.27	68.45	68.41	69.02	69.16	68.90	68.87	68.58	68.44	68.34	68.28	68.26	
Max	68.40	68.68	69.40	69.76	70.41	69.05	69.16	68.68	68.49	68.38	68.31	68.43	70.41
Min	68.22	68.33	68.27	68.78	68.76	68.81	68.68	68.50	68.39	68.31	68.25	68.22	68.22
Annual Max Momentary Gage Height	71.62		m. (MSL.) ,				at 18.00 Hours , on Aug 9 , 2007						
Zero Gage at Bottom Elevation	67.00		m. (MSL.) ,			River Bed	66.92	m. (MSL.)					
Left Bank Elevation		72.43		m. (MSL.) ,									
Right Bank Elevation		71.35		m. (MSL.) ,		Drainage Are	311	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.20	2.10	1.80	24.10	15.60	20.50	18.70	11.30	5.25	2.70	1.65	1.35	
2	1.20	4.50	1.80	15.20	16.90	20.95	18.25	10.95	5.25	2.55	1.50	1.30	
3	1.15	2.40	1.65	16.90	14.40	19.15	19.60	10.60	5.25	2.55	1.50	1.40	
4	1.15	2.10	1.65	23.65	14.40	20.95	20.05	10.25	5.00	2.55	1.50	1.30	
5	1.15	11.30	1.65	80.80	19.60	18.70	32.80	9.90	5.00	2.55	1.50	1.25	
6	1.10	7.90	1.80	78.95	23.20	16.90	34.60	9.55	4.75	2.40	1.50	1.25	
7	1.10	7.60	1.65	47.70	25.00	20.50	28.60	9.20	4.75	2.40	1.45	1.20	
8	1.10	5.00	1.50	35.80	26.20	19.15	25.60	9.20	4.50	2.40	1.45	1.20	
9	1.25	5.00	1.50	26.20	159.50	20.05	24.10	8.85	4.50	2.40	1.45	1.15	
10	1.30	3.25	1.65	21.85	99.55	20.50	21.85	8.50	4.50	2.25	1.45	1.15	
11	1.45	3.50	1.50	18.70	102.78	20.05	26.20	8.20	4.50	2.25	1.40	1.15	
12	1.65	4.75	1.45	17.80	103.85	18.70	24.55	8.20	4.25	2.25	1.40	1.15	
13	2.25	8.50	1.40	24.55	82.65	18.25	24.55	7.90	4.25	2.10	1.40	1.15	
14	2.10	5.25	1.50	44.90	59.60	17.35	22.30	8.50	4.00	2.10	1.45	1.20	
15	1.95	5.80	1.50	38.30	49.10	17.80	22.30	8.20	4.00	2.10	1.45	1.40	
16	3.00	6.40	1.40	37.00	42.20	16.45	20.50	7.60	4.00	2.10	1.40	1.45	
17	1.65	7.00	1.40	29.20	37.65	20.50	19.60	7.60	3.75	1.95	1.40	1.40	
18	1.35	5.00	1.35	26.20	35.20	22.75	18.70	7.30	3.75	1.95	1.40	1.25	
19	1.35	4.50	3.00	21.85	31.00	21.40	17.80	7.00	3.75	1.95	1.40	1.20	
20	1.30	4.25	1.95	20.05	28.60	24.10	16.90	7.00	3.50	1.95	1.35	1.15	
21	1.95	3.50	1.95	23.20	26.80	24.10	16.00	7.00	3.50	1.80	1.35	1.15	
22	1.45	3.25	1.80	24.55	26.20	28.00	15.20	6.70	3.50	1.80	1.30	1.15	
23	1.30	3.75	1.50	20.95	24.10	25.60	14.80	6.70	3.50	1.80	1.30	1.10	
24	1.20	3.50	3.75	22.75	23.20	23.20	14.40	6.40	3.50	1.80	1.30	1.10	
25	1.25	4.50	3.75	18.70	22.30	20.50	14.00	6.40	3.50	1.80	1.25	1.45	
26	1.30	3.25	3.25	17.35	22.75	21.85	13.60	6.10	3.25	1.80	1.25	3.75	
27	1.35	2.85	3.75	18.25	20.95	20.95	13.20	6.10	3.25	1.80	1.30	1.65	
28	1.30	2.55	23.65	16.45	19.60	20.50	12.80	5.80	3.25	1.65	1.50	1.40	
29	1.35	2.40	30.40	19.15	19.15	21.85	12.40	5.80	3.00	1.65	1.40	1.25	
30	1.65	2.10	50.50	18.70	18.70	20.05	12.00	5.50	3.00	1.65		1.20	
31		1.95		15.60	19.15		11.30		2.85	1.65		1.20	
Total	43.85	139.70	157.40	865.35	1229.88	621.30	607.25	238.30	124.60	64.65	40.95	41.45	4174.68 CMSDAY
Mean	1.46	4.51	5.25	27.91	39.67	20.71	19.59	7.94	4.02	2.09	1.41	1.34	11.41 CMS
Max	3.00	11.30	50.50	80.80	159.50	28.00	34.60	11.30	5.25	2.70	1.65	3.75	159.50 CMS
Min	1.10	1.95	1.35	15.20	14.40	16.45	11.30	5.50	2.85	1.65	1.25	1.10	1.10 CMS
Runoff	3.79	12.07	13.60	74.77	106.26	53.68	52.47	20.59	10.77	5.59	3.54	3.58	360.69 MCM
Momentary Peak		367.80	CMS.	at 71.62 m. (MSL.)	at 18.00 Hours	, on Aug 9, 2007							
Runoff Yield		36.78	Liters/Second/Square KM.		Momentary Peak Yield	1182.64	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.39	0.57	0.80	1.00	5.24	2.02	4.00	2.50	3.90	0.57	0.42	0.45	
2	0.39	5.88	0.75	0.95	4.20	1.64	3.70	2.26	3.80	0.57	0.42	0.45	
3	0.39	3.04	0.65	0.85	1.78	1.46	3.60	1.78	3.31	0.54	0.42	0.45	
4	0.39	3.70	0.65	0.75	1.52	1.40	3.22	1.46	1.52	0.54	0.42	0.45	
5	0.39	2.50	0.65	0.80	1.52	2.10	3.13	1.34	1.28	0.54	0.65	0.45	
6	0.39	2.02	0.60	11.70	1.40	1.70	2.59	1.28	1.28	0.51	0.54	0.45	
7	0.39	1.70	0.70	30.28	1.34	3.31	2.26	1.22	1.05	0.51	0.54	0.45	
8	0.39	1.78	1.00	11.70	1.28	2.26	2.02	1.16	1.00	0.51	0.51	0.45	
9	0.39	1.86	0.70	8.80	1.34	3.22	1.58	1.05	1.00	0.51	0.48	0.45	
10	0.39	2.02	0.80	8.20	1.28	1.94	1.52	1.05	0.95	0.51	0.45	0.45	
11	0.42	2.42	1.52	7.30	1.40	1.64	4.00	1.00	0.90	0.48	0.45	0.45	
12	0.48	1.78	1.78	7.15	1.34	1.52	8.35	1.00	0.85	0.48	0.42	0.45	
13	0.48	2.02	1.58	7.60	1.28	1.52	13.32	1.00	0.80	0.48	0.45	0.45	
14	0.57	1.70	1.00	7.30	1.16	1.34	9.40	1.00	0.80	0.48	0.42	0.39	
15	0.51	3.40	1.22	6.86	0.85	1.34	7.45	1.05	0.75	0.48	0.42	0.39	
16	0.51	3.13	1.05	6.58	0.75	3.90	11.88	2.10	0.75	0.45	0.42	0.39	
17	0.51	2.95	3.22	6.58	0.75	5.88	9.40	1.70	0.75	0.45	0.51	0.39	
18	0.51	3.04	2.26	6.16	0.70	4.52	8.05	1.58	0.75	0.42	0.51	0.39	
19	0.48	2.10	1.40	5.88	0.70	3.60	6.72	2.77	0.70	0.42	0.48	0.39	
20	0.45	1.78	1.28	5.74	0.65	2.86	5.36	11.70	0.70	0.42	0.45	0.39	
21	0.54	1.58	2.95	6.72	0.60	3.70	4.64	8.50	0.70	0.42	0.45	0.39	
22	0.45	1.46	1.86	6.30	0.60	5.74	3.40	10.68	0.70	0.42	0.45	0.39	
23	0.51	1.34	1.34	6.16	0.65	5.88	2.77	9.85	0.65	0.42	0.39	0.39	
24	0.48	1.28	1.28	6.02	0.65	4.76	2.59	7.30	0.60	0.42	0.39	0.51	
25	0.45	1.16	1.22	5.48	0.60	4.20	2.26	4.88	0.60	0.42	0.39	0.51	
26	0.45	1.05	1.16	5.36	0.60	4.30	2.02	4.64	0.60	0.42	0.39	0.48	
27	0.45	1.10	1.16	5.24	0.75	6.02	1.86	6.16	0.57	0.42	0.36	0.65	
28	0.45	0.95	1.16	5.00	0.60	4.76	1.70	6.02	0.57	0.42	0.42	0.51	
29	0.45	0.90	1.05	5.36	1.10	4.64	2.34	5.88	0.57	0.42	0.45	0.75	
30	0.45	0.80	1.10	8.05	1.22	4.20	2.26	5.60	0.57	0.42		0.48	
31		0.70		6.02	4.52		2.10		0.57	0.42		0.48	
Total	13.50	61.71	37.89	207.89	42.37	97.37	139.49	109.51	33.54	14.49	13.07	14.12	784.95 CMSDAY
Mean	0.45	1.99	1.26	6.71	1.37	3.25	4.50	3.65	1.08	0.47	0.45	0.46	2.14 CMS
Max	0.57	5.88	3.22	30.28	5.24	6.02	13.32	11.70	3.90	0.57	0.65	0.75	30.28 CMS
Min	0.39	0.57	0.60	0.75	0.60	1.34	1.52	1.00	0.57	0.42	0.36	0.39	0.36 CMS
Runoff	1.17	5.33	3.27	17.96	3.66	8.41	12.05	9.46	2.90	1.25	1.13	1.22	67.82 MCM
Momentary Peak	47.57	CMS. at 2.89 m. (A.D.) at 06.00 Hours , on Jul 7, 2007											
Runoff Yield	5.86	Liters/Second/Square KM. Momentary Peak Yield 129.62 Liters/Second/Square KM.											

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Mae Nam Lo at Ban Sai Yok , Kanchanaburi (K.30)

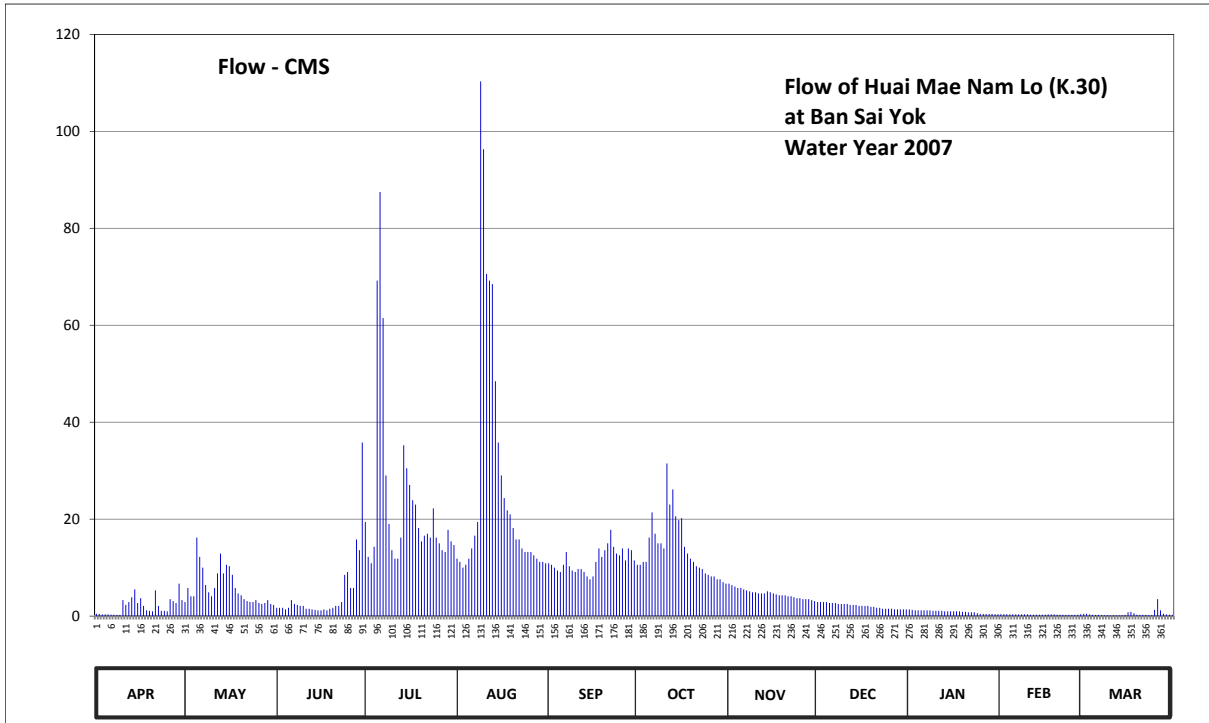
Lat 14 - 26 - 27 N Long 98 - 47 - 48 E

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.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+68.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 30 meters from the top staff gage.	Elevation	+77.305 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	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	Fairly stable with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 42 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	68.10	68.27	68.21	68.81	68.61	68.58	68.57	68.44	68.27	68.19	68.08	68.09	
2	68.09	68.41	68.21	68.62	68.59	68.57	68.57	68.43	68.27	68.18	68.08	68.10	
3	68.07	68.33	68.21	68.58	68.55	68.55	68.59	68.42	68.27	68.17	68.08	68.07	
4	68.07	68.33	68.19	68.68	68.57	68.53	68.59	68.41	68.27	68.17	68.07	68.05	
5	68.07	68.73	68.21	69.71	68.61	68.52	68.73	68.41	68.26	68.17	68.07	68.05	
6	68.06	68.62	68.29	69.95	68.67	68.57	68.86	68.40	68.26	68.17	68.07	68.05	
7	68.06	68.55	68.25	69.60	68.74	68.65	68.75	68.39	68.26	68.17	68.07	68.04	
8	68.05	68.43	68.24	69.03	68.81	68.56	68.70	68.38	68.25	68.17	68.07	68.04	
9	68.05	68.37	68.23	68.80	70.22	68.53	68.70	68.37	68.25	68.16	68.07	68.04	
10	68.29	68.33	68.23	68.66	70.06	68.52	68.67	68.37	68.25	68.16	68.07	68.03	
11	68.24	68.41	68.20	68.61	69.73	68.54	69.08	68.36	68.25	68.16	68.06	68.03	
12	68.27	68.51	68.20	68.61	69.71	68.54	68.90	68.36	68.24	68.16	68.06	68.03	
13	68.32	68.64	68.19	68.73	69.70	68.52	68.97	68.36	68.24	68.15	68.06	68.03	
14	68.40	68.51	68.18	69.15	69.39	68.49	68.84	68.38	68.24	68.15	68.06	68.04	
15	68.26	68.57	68.17	69.06	69.16	68.47	68.82	68.37	68.23	68.15	68.06	68.05	
16	68.31	68.56	68.17	68.99	69.03	68.49	68.83	68.36	68.23	68.15	68.06	68.13	
17	68.23	68.50	68.19	68.92	68.93	68.59	68.68	68.35	68.23	68.15	68.07	68.14	
18	68.17	68.41	68.17	68.90	68.87	68.67	68.64	68.34	68.23	68.15	68.07	68.11	
19	68.16	68.36	68.20	68.78	68.85	68.62	68.61	68.34	68.22	68.14	68.07	68.06	
20	68.15	68.34	68.21	68.71	68.78	68.66	68.59	68.34	68.22	68.14	68.06	68.05	
21	68.39	68.30	68.23	68.74	68.72	68.70	68.56	68.33	68.21	68.13	68.06	68.05	
22	68.23	68.28	68.23	68.75	68.72	68.77	68.55	68.33	68.21	68.13	68.05	68.05	
23	68.16	68.27	68.27	68.73	68.67	68.68	68.54	68.32	68.20	68.13	68.05	68.04	
24	68.16	68.27	68.50	68.88	68.65	68.64	68.51	68.31	68.20	68.11	68.05	68.04	
25	68.15	68.29	68.52	68.73	68.65	68.63	68.50	68.31	68.20	68.09	68.05	68.18	
26	68.30	68.26	68.41	68.70	68.65	68.67	68.49	68.30	68.20	68.09	68.05	68.30	
27	68.28	68.25	68.41	68.66	68.63	68.60	68.49	68.30	68.19	68.09	68.06	68.17	
28	68.26	68.26	68.72	68.65	68.61	68.67	68.47	68.30	68.19	68.09	68.08	68.10	
29	68.44	68.29	68.66	68.77	68.59	68.66	68.47	68.29	68.19	68.09	68.07	68.07	
30	68.29	68.25	69.16	68.71	68.59	68.60	68.45	68.28	68.19	68.08		68.06	
31		68.24		68.69	68.58		68.44		68.19	68.08		68.05	
Mean	68.20	68.39	68.31	68.87	68.92	68.59	68.65	68.35	68.23	68.14	68.06	68.08	
Max	68.44	68.73	69.16	69.95	70.22	68.77	69.08	68.44	68.27	68.19	68.08	68.30	70.22
Min	68.05	68.24	68.17	68.58	68.55	68.47	68.44	68.28	68.19	68.08	68.05	68.03	68.03
Annual Max Momentary Gage Height	71.64		m. (MSL.) ,				at 18.00 Hours , on Aug 9, 2007						
Zero Gage at Bottom Elevation	68.00		m. (MSL.) ,			River Bed	67.49	m. (MSL.)					
Left Bank Elevation		76.26		m. (MSL.) ,									
Right Bank Elevation		79.60		m. (MSL.) ,		Drainage Are	466	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.50	2.90	1.70	19.40	11.85	10.90	10.60	6.70	2.90	1.40	0.40	0.45	
2	0.45	5.80	1.70	12.20	11.20	10.60	10.60	6.40	2.90	1.30	0.40	0.50	
3	0.35	4.10	1.70	10.90	10.00	10.00	11.20	6.10	2.90	1.20	0.40	0.35	
4	0.35	4.10	1.40	14.30	10.60	9.40	11.20	5.80	2.90	1.20	0.35	0.25	
5	0.35	16.20	1.70	69.20	11.85	9.10	16.20	5.80	2.70	1.20	0.35	0.25	
6	0.30	12.20	3.30	87.50	13.95	10.60	21.40	5.50	2.70	1.20	0.35	0.25	
7	0.30	10.00	2.50	61.50	16.60	13.25	17.00	5.30	2.70	1.20	0.35	0.20	
8	0.25	6.40	2.30	29.00	19.40	10.30	15.00	5.10	2.50	1.20	0.35	0.20	
9	0.25	4.90	2.10	19.00	110.30	9.40	15.00	4.90	2.50	1.10	0.35	0.20	
10	3.30	4.10	2.10	13.60	96.30	9.10	13.95	4.90	2.50	1.10	0.35	0.15	
11	2.30	5.80	1.50	11.85	70.60	9.70	31.50	4.70	2.50	1.10	0.30	0.15	
12	2.90	8.80	1.50	11.85	69.20	9.70	23.00	4.70	2.30	1.10	0.30	0.15	
13	3.90	12.90	1.40	16.20	68.50	9.10	26.15	4.70	2.30	1.00	0.30	0.15	
14	5.50	8.80	1.30	35.25	48.45	8.20	20.60	5.10	2.30	1.00	0.30	0.20	
15	2.70	10.60	1.20	30.50	35.80	7.60	19.80	4.90	2.10	1.00	0.30	0.25	
16	3.70	10.30	1.20	27.05	29.00	8.20	20.20	4.70	2.10	1.00	0.30	0.80	
17	2.10	8.50	1.40	23.90	24.35	11.20	14.30	4.50	2.10	1.00	0.35	0.90	
18	1.20	5.80	1.20	23.00	21.80	13.95	12.90	4.30	2.10	1.00	0.35	0.60	
19	1.10	4.70	1.50	18.20	21.00	12.20	11.85	4.30	1.90	0.90	0.35	0.30	
20	1.00	4.30	1.70	15.40	18.20	13.60	11.20	4.30	1.90	0.90	0.30	0.25	
21	5.30	3.50	2.10	16.60	15.80	15.00	10.30	4.10	1.70	0.80	0.30	0.25	
22	2.10	3.10	2.10	17.00	15.80	17.80	10.00	4.10	1.70	0.80	0.25	0.25	
23	1.10	2.90	2.90	16.20	13.95	14.30	9.70	3.90	1.50	0.80	0.25	0.20	
24	1.10	2.90	8.50	22.20	13.25	12.90	8.80	3.70	1.50	0.60	0.25	0.20	
25	1.00	3.30	9.10	16.20	13.25	12.55	8.50	3.70	1.50	0.45	0.25	1.30	
26	3.50	2.70	5.80	15.00	13.25	13.95	8.20	3.50	1.50	0.45	0.25	3.50	
27	3.10	2.50	5.80	13.60	12.55	11.50	8.20	3.50	1.40	0.45	0.30	1.20	
28	2.70	2.70	15.80	13.25	11.85	13.95	7.60	3.50	1.40	0.45	0.40	0.50	
29	6.70	3.30	13.60	17.80	11.20	13.60	7.60	3.30	1.40	0.45	0.35	0.35	
30	3.30	2.50	35.80	15.40	11.20	11.50	7.00	3.10	1.40	0.40		0.30	
31		2.30		14.65	10.90		6.70		1.40	0.40		0.25	
Total	62.70	182.90	135.90	727.70	861.95	343.15	426.25	139.10	65.20	28.15	9.40	14.85	2997.25 CMSDAY
Mean	2.09	5.90	4.53	23.47	27.80	11.44	13.75	4.64	2.10	0.91	0.32	0.48	8.19 CMS
Max	6.70	16.20	35.80	87.50	110.30	17.80	31.50	6.70	2.90	1.40	0.40	3.50	110.30 CMS
Min	0.25	2.30	1.20	10.90	10.00	7.60	6.70	3.10	1.40	0.40	0.25	0.15	0.15 CMS
Runoff	5.42	15.80	11.74	62.87	74.47	29.65	36.83	12.02	5.63	2.43	0.81	1.28	258.96 MCM
Momentary Peak		257.80	CMS.	at 71.64 m. (MSL.)	at 18.00 Hours	, on Aug 9, 2007							
Runoff Yield		17.62	Liters/Second/Square KM.		Momentary Peak Yield	553.22	Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Mae Nam Noi at Ban Nam Chon , Kanchanaburi (K.31)

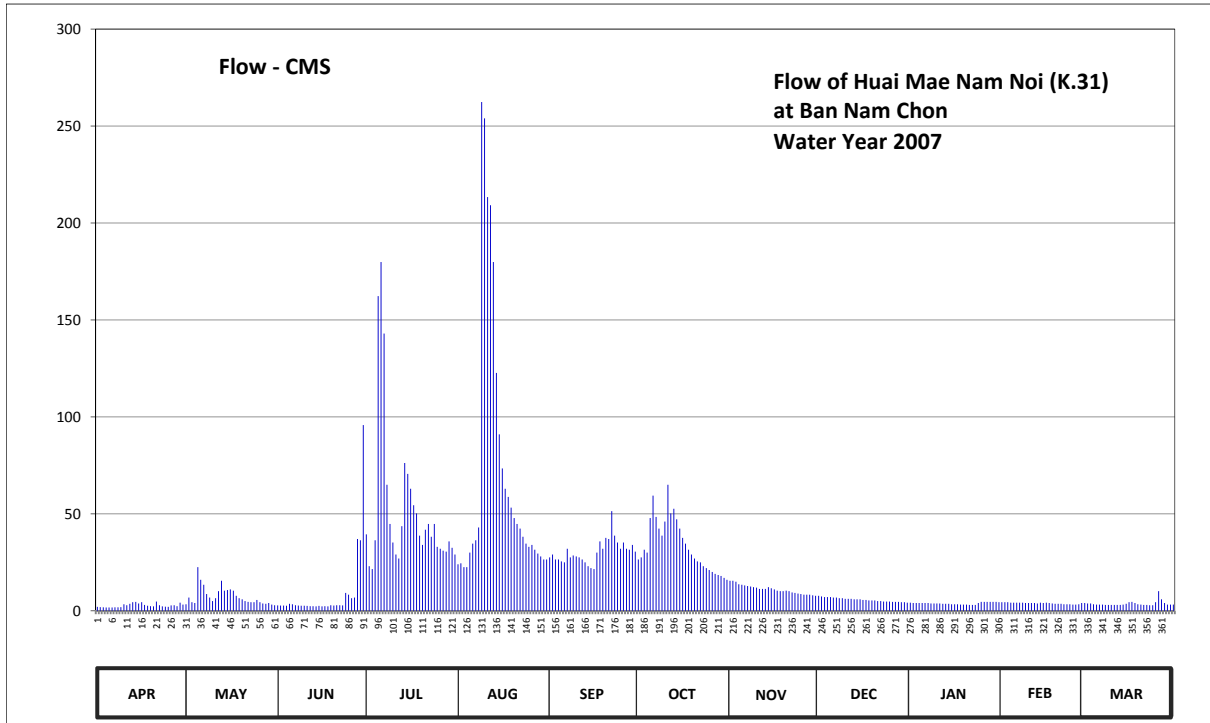
Lat 14 - 26 - 04 N Long 98 - 49 - 20 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 42 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.70	65.82	65.78	66.69	66.40	66.47	66.45	66.23	65.99	65.86	65.87	65.85	
2	65.69	65.96	65.77	66.38	66.41	66.50	66.47	66.23	65.98	65.85	65.87	65.84	
3	65.68	65.87	65.77	66.35	66.37	66.45	66.55	66.22	65.97	65.85	65.87	65.84	
4	65.67	65.85	65.76	66.64	66.37	66.45	66.52	66.19	65.97	65.85	65.86	65.82	
5	65.67	66.37	65.83	68.23	66.52	66.43	66.83	66.18	65.97	65.85	65.86	65.81	
6	65.67	66.24	65.82	68.39	66.61	66.42	67.02	66.17	65.96	65.85	65.86	65.81	
7	65.68	66.18	65.79	68.04	66.64	66.56	66.84	66.16	65.96	65.85	65.86	65.81	
8	65.68	66.02	65.77	67.10	66.75	66.47	66.74	66.15	65.95	65.84	65.86	65.80	
9	65.69	65.96	65.76	66.78	69.01	66.49	66.68	66.14	65.95	65.84	65.85	65.80	
10	65.82	65.90	65.76	66.62	68.95	66.48	66.80	66.13	65.94	65.84	65.85	65.80	
11	65.79	65.95	65.75	66.50	68.66	66.47	67.10	66.11	65.94	65.84	65.85	65.80	
12	65.83	66.07	65.74	66.46	68.63	66.45	66.87	66.11	65.94	65.83	65.85	65.80	
13	65.87	66.23	65.74	66.76	68.39	66.42	66.91	66.11	65.93	65.83	65.84	65.80	
14	65.88	66.08	65.73	67.26	67.83	66.38	66.82	66.14	65.93	65.83	65.86	65.81	
15	65.84	66.09	65.75	67.18	67.45	66.36	66.74	66.12	65.93	65.82	65.85	65.83	
16	65.87	66.10	65.73	67.07	67.22	66.35	66.66	66.10	65.92	65.82	65.86	65.87	
17	65.80	66.08	65.74	66.94	67.07	66.52	66.61	66.08	65.92	65.82	65.85	65.88	
18	65.76	65.99	65.73	66.87	67.01	66.63	66.55	66.07	65.91	65.81	65.84	65.85	
19	65.74	65.95	65.79	66.68	66.92	66.56	66.50	66.07	65.91	65.81	65.83	65.82	
20	65.73	65.93	65.77	66.60	66.83	66.66	66.46	66.08	65.91	65.81	65.83	65.81	
21	65.89	65.90	65.79	66.73	66.78	66.65	66.43	66.07	65.90	65.80	65.83	65.80	
22	65.79	65.88	65.79	66.78	66.74	66.89	66.42	66.05	65.90	65.80	65.82	65.80	
23	65.73	65.87	65.78	66.67	66.67	66.68	66.38	66.04	65.89	65.80	65.82	65.79	
24	65.71	65.87	66.04	66.78	66.61	66.62	66.36	66.03	65.89	65.85	65.82	65.79	
25	65.70	65.92	66.01	66.58	66.58	66.56	66.34	66.02	65.89	65.88	65.81	65.87	
26	65.78	65.87	65.95	66.56	66.60	66.62	66.32	66.01	65.88	65.88	65.81	66.07	
27	65.79	65.84	65.96	66.54	66.55	66.56	66.30	66.01	65.88	65.88	65.82	65.93	
28	65.74	65.83	66.65	66.53	66.51	66.55	66.29	66.01	65.88	65.88	65.85	65.85	
29	65.86	65.85	66.64	66.63	66.48	66.60	66.28	66.00	65.87	65.88	65.85	65.81	
30	65.81	65.81	67.51	66.57	66.45	66.53	66.26	65.99	65.87	65.88	65.88	65.81	
31		65.79		66.50	66.45		66.24		65.86	65.87		65.81	
Mean	65.76	65.97	65.91	66.85	67.05	66.53	66.57	66.10	65.92	65.84	65.84	65.83	
Max	65.89	66.37	67.51	68.39	69.01	66.89	67.10	66.23	65.99	65.88	65.87	66.07	69.01
Min	65.67	65.79	65.73	66.35	66.37	66.35	66.24	65.99	65.86	65.80	65.81	65.79	65.67
Annual Max Momentary Gage Height	71.15		m. (MSL.) ,				at 16.00 Hours ,						on Aug 9 , 2007
Zero Gage at Bottom Elevation	62.72		m. (MSL.) ,				River Bed 64.98		m. (MSL.)				
Left Bank Elevation		77.60		m. (MSL.) ,									
Right Bank Elevation		77.74		m. (MSL.) ,			Drainage Are 799		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.00	3.40	2.80	39.40	24.00	27.50	26.50	15.50	7.70	4.20	4.40	4.00		
2	1.90	6.80	2.70	23.00	24.50	29.00	27.50	15.50	7.40	4.00	4.40	3.80		
3	1.80	4.40	2.70	21.50	22.50	26.50	31.50	15.00	7.10	4.00	4.40	3.80		
4	1.70	4.00	2.60	36.40	22.50	26.50	30.00	13.70	7.10	4.00	4.20	3.40		
5	1.70	22.50	3.60	162.30	30.00	25.50	47.80	13.40	7.10	4.00	4.20	3.20		
6	1.70	16.00	3.40	179.90	34.60	25.00	59.40	13.10	6.80	4.00	4.20	3.20		
7	1.80	13.40	2.90	143.00	36.40	32.00	48.40	12.80	6.80	4.00	4.20	3.20		
8	1.80	8.60	2.70	65.00	43.00	27.50	42.40	12.50	6.50	3.80	4.20	3.00		
9	1.90	6.80	2.60	44.80	262.40	28.50	38.80	12.20	6.50	3.80	4.00	3.00		
10	3.40	5.00	2.60	35.20	254.00	28.00	46.00	11.90	6.20	3.80	4.00	3.00		
11	2.90	6.50	2.50	29.00	213.40	27.50	65.00	11.30	6.20	3.80	4.00	3.00		
12	3.60	10.10	2.40	27.00	209.20	26.50	50.20	11.30	6.20	3.60	4.00	3.00		
13	4.40	15.50	2.40	43.60	179.90	25.00	52.60	11.30	5.90	3.60	3.80	3.00		
14	4.60	10.40	2.30	76.20	122.70	23.00	47.20	12.20	5.90	3.60	4.20	3.20		
15	3.80	10.70	2.50	70.60	91.00	22.00	42.40	11.60	5.90	3.40	4.00	3.60		
16	4.40	11.00	2.30	62.90	73.40	21.50	37.60	11.00	5.60	3.40	4.20	4.40		
17	3.00	10.40	2.40	54.40	62.90	30.00	34.60	10.40	5.60	3.40	4.00	4.60		
18	2.60	7.70	2.30	50.20	58.70	35.80	31.50	10.10	5.30	3.20	3.80	4.00		
19	2.40	6.50	2.90	38.80	53.20	32.00	29.00	10.10	5.30	3.20	3.60	3.40		
20	2.30	5.90	2.70	34.00	47.80	37.60	27.00	10.40	5.30	3.20	3.60	3.20		
21	4.80	5.00	2.90	41.80	44.80	37.00	25.50	10.10	5.00	3.00	3.60	3.00		
22	2.90	4.60	2.90	44.80	42.40	51.40	25.00	9.50	5.00	3.00	3.40	3.00		
23	2.30	4.40	2.80	38.20	38.20	38.80	23.00	9.20	4.80	3.00	3.40	2.90		
24	2.10	4.40	9.20	44.80	34.60	35.20	22.00	8.90	4.80	4.00	3.40	2.90		
25	2.00	5.60	8.30	33.00	33.00	32.00	21.00	8.60	4.80	4.60	3.20	4.40		
26	2.80	4.40	6.50	32.00	34.00	35.20	20.00	8.30	4.60	4.60	3.20	10.10		
27	2.90	3.80	6.80	31.00	31.50	32.00	19.00	8.30	4.60	4.60	3.40	5.90		
28	2.40	3.60	37.00	30.50	29.50	31.50	18.50	8.30	4.60	4.60	4.00	4.00		
29	4.20	4.00	36.40	35.80	28.00	34.00	18.00	8.00	4.40	4.60	4.00	3.20		
30	3.20	3.20	95.80	32.50	26.50	30.50	17.00	7.70	4.40	4.60		3.20		
31		2.90		29.00	26.50		16.00		4.20	4.40		3.20		
Total	83.30	231.50	261.90	1630.60	2235.10	914.50	1040.40	332.20	177.60	119.00	113.00	114.80	7253.90	CMSDAY
Mean	2.78	7.47	8.73	52.60	72.10	30.48	33.56	11.07	5.73	3.84	3.90	3.70	19.82	CMS
Max	4.80	22.50	95.80	179.90	262.40	51.40	65.00	15.50	7.70	4.60	4.40	10.10	262.40	CMS
Min	1.70	2.90	2.30	21.50	22.50	21.50	16.00	7.70	4.20	3.00	3.20	2.90	1.70	CMS
Runoff	7.20	20.00	22.63	140.88	193.11	79.01	89.89	28.70	15.34	10.28	9.76	9.92	626.74	MCM
Momentary Peak	635.00 CMS. at 71.15 m. (MSL.) at 16.00 Hours , on Aug 9 , 2007													
Runoff Yield	24.87 Liters/Second/Square KM.			Momentary Peak Yield 794.74 Liters/Second/Square KM.										

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Bong Ti at Ban Bong Ti , Kanchanaburi (K.32A)

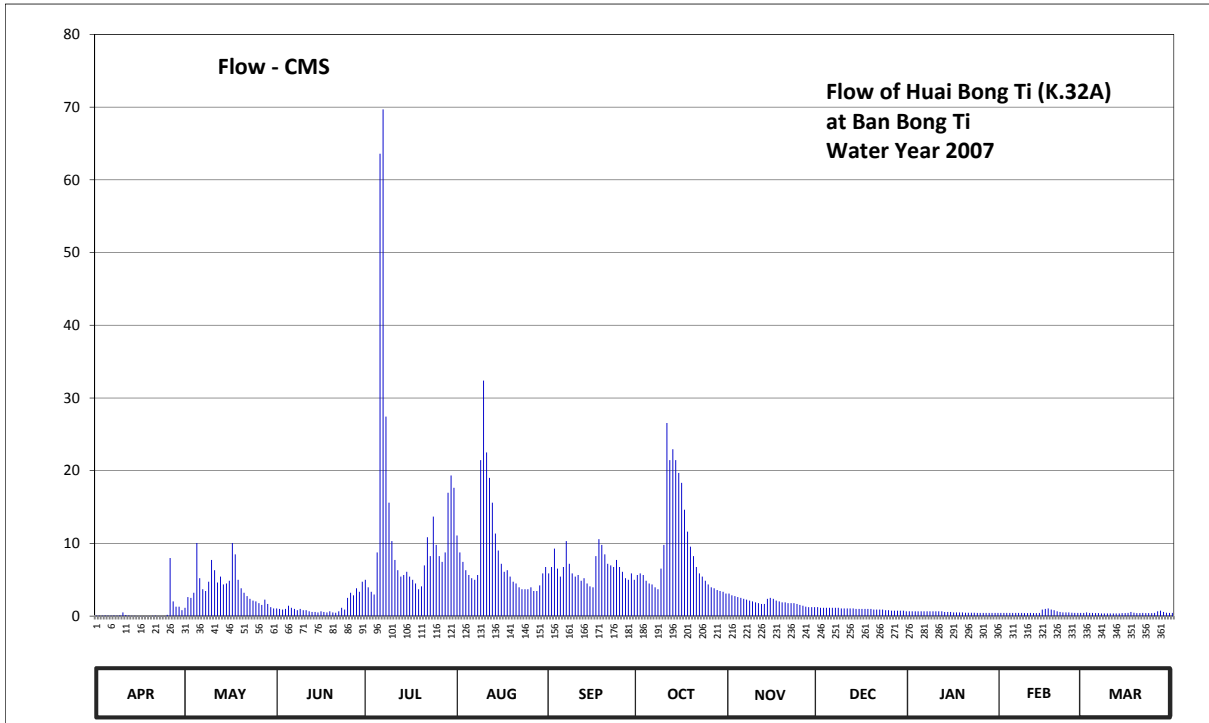
Lat 14 - 16 - 27 N Long 98 - 56 - 04 E

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	Rather unstable with variable water surface slope.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 69 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	82.67	82.98	82.97	83.30	83.55	83.34	83.33	83.15	82.99	82.92	82.88	82.88		
2	82.67	83.11	82.96	83.22	83.46	83.38	83.34	83.13	82.98	82.92	82.88	82.90		
3	82.67	83.10	82.95	83.17	83.41	83.48	83.33	83.12	82.98	82.92	82.88	82.88		
4	82.69	83.16	82.96	83.14	83.36	83.37	83.29	83.11	82.98	82.92	82.88	82.88		
5	82.67	83.51	83.01	83.46	83.33	83.32	83.26	83.10	82.98	82.92	82.88	82.87		
6	82.67	83.31	82.98	84.71	83.31	83.38	83.25	83.09	82.98	82.92	82.88	82.87		
7	82.68	83.20	82.96	84.81	83.30	83.52	83.22	83.08	82.98	82.92	82.88	82.86		
8	82.67	83.18	82.94	84.01	83.33	83.40	83.20	83.07	82.98	82.92	82.88	82.86		
9	82.70	83.28	82.96	83.70	83.87	83.34	83.37	83.06	82.97	82.92	82.87	82.86		
10	82.90	83.42	82.94	83.52	84.12	83.32	83.50	83.05	82.97	82.92	82.87	82.86		
11	82.76	83.36	82.94	83.42	83.90	83.33	83.99	83.04	82.97	82.92	82.88	82.86		
12	82.68	83.27	82.92	83.36	83.80	83.29	83.87	83.03	82.97	82.92	82.87	82.86		
13	82.65	83.32	82.91	83.32	83.70	83.31	83.91	83.03	82.97	82.91	82.87	82.86		
14	82.64	83.25	82.91	83.33	83.56	83.26	83.87	83.09	82.96	82.91	82.88	82.87		
15	82.63	83.26	82.90	83.35	83.47	83.23	83.82	83.10	82.96	82.91	82.95	82.87		
16	82.63	83.29	82.92	83.32	83.40	83.22	83.78	83.09	82.96	82.90	82.96	82.88		
17	82.62	83.51	82.91	83.30	83.35	83.44	83.67	83.07	82.96	82.90	82.97	82.91		
18	82.62	83.45	82.90	83.26	83.36	83.53	83.57	83.06	82.96	82.90	82.95	82.89		
19	82.62	83.30	82.92	83.20	83.32	83.50	83.49	83.05	82.96	82.90	82.94	82.87		
20	82.64	83.21	82.90	83.23	83.28	83.45	83.44	83.05	82.95	82.89	82.92	82.87		
21	82.66	83.16	82.89	83.39	83.26	83.40	83.38	83.04	82.95	82.89	82.91	82.88		
22	82.63	83.12	82.92	83.54	83.22	83.39	83.34	83.04	82.95	82.89	82.90	82.87		
23	82.63	83.09	82.98	83.44	83.20	83.38	83.32	83.04	82.95	82.89	82.90	82.87		
24	82.63	83.07	82.95	83.64	83.20	83.42	83.29	83.03	82.94	82.88	82.90	82.87		
25	82.78	83.06	83.10	83.50	83.20	83.38	83.25	83.02	82.94	82.88	82.89	82.88		
26	83.43	83.04	83.16	83.44	83.22	83.35	83.22	83.01	82.93	82.88	82.88	82.92		
27	83.06	83.02	83.13	83.41	83.18	83.31	83.21	83.00	82.93	82.88	82.88	82.93		
28	83.00	83.08	83.21	83.46	83.18	83.30	83.19	82.99	82.93	82.88	82.88	82.91		
29	83.00	83.03	83.17	83.74	83.24	83.34	83.18	82.99	82.93	82.88	82.88	82.89		
30	82.94	82.99	83.28	83.81	83.34	83.30	83.17	82.99	82.93	82.88	82.88	82.88		
31		82.97		83.76	83.38		83.15		82.92	82.88		82.88		
Mean	82.74	83.20	82.99	83.52	83.41	83.37	83.43	83.06	82.96	82.90	82.90	82.88		
Max	83.43	83.51	83.28	84.81	84.12	83.53	83.99	83.15	82.99	82.92	82.97	82.93	84.81	
Min	82.62	82.97	82.89	83.14	83.18	83.22	83.15	82.99	82.92	82.88	82.87	82.86	82.62	
Annual Max Momentary Gage Height	85.57		m. (MSL.) ,					at 24.00 Hours ,						on Jul 6 , 2007
Zero Gage at Bottom Elevation	82.27		m. (MSL.) ,				River Bed	82.93		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, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	1.14	1.06	5.00	11.10	5.88	5.66	3.10	1.22	0.66	0.44	0.44	
2	0.07	2.62	0.98	3.96	8.76	6.76	5.88	2.86	1.14	0.66	0.44	0.50	
3	0.07	2.50	0.90	3.34	7.46	9.28	5.66	2.74	1.14	0.66	0.44	0.44	
4	0.09	3.22	0.98	2.98	6.32	6.54	4.87	2.62	1.14	0.66	0.44	0.44	
5	0.07	10.06	1.42	8.76	5.66	5.44	4.48	2.50	1.14	0.66	0.44	0.41	
6	0.07	5.22	1.14	63.60	5.22	6.76	4.35	2.38	1.14	0.66	0.44	0.41	
7	0.08	3.70	0.98	69.70	5.00	10.32	3.96	2.26	1.14	0.66	0.44	0.38	
8	0.07	3.46	0.82	27.45	5.66	7.20	3.70	2.14	1.14	0.66	0.44	0.38	
9	0.10	4.74	0.98	15.60	21.45	5.88	6.54	2.02	1.06	0.66	0.41	0.38	
10	0.50	7.72	0.82	10.32	32.40	5.44	9.80	1.90	1.06	0.66	0.41	0.38	
11	0.16	6.32	0.82	7.72	22.50	5.66	26.55	1.78	1.06	0.66	0.44	0.38	
12	0.08	4.61	0.66	6.32	19.00	4.87	21.45	1.66	1.06	0.66	0.41	0.38	
13	0.05	5.44	0.58	5.44	15.60	5.22	22.95	1.66	1.06	0.58	0.41	0.38	
14	0.04	4.35	0.58	5.66	11.36	4.48	21.45	2.38	0.98	0.58	0.44	0.41	
15	0.03	4.48	0.50	6.10	9.02	4.09	19.70	2.50	0.98	0.58	0.90	0.41	
16	0.03	4.87	0.66	5.44	7.20	3.96	18.32	2.38	0.98	0.50	0.98	0.44	
17	0.02	10.06	0.58	5.00	6.10	8.24	14.64	2.14	0.98	0.50	1.06	0.58	
18	0.02	8.50	0.50	4.48	6.32	10.58	11.62	2.02	0.98	0.50	0.90	0.47	
19	0.02	5.00	0.66	3.70	5.44	9.80	9.54	1.90	0.98	0.50	0.82	0.41	
20	0.04	3.83	0.50	4.09	4.74	8.50	8.24	1.90	0.90	0.47	0.66	0.41	
21	0.06	3.22	0.47	6.98	4.48	7.20	6.76	1.78	0.90	0.47	0.58	0.44	
22	0.03	2.74	0.66	10.84	3.96	6.98	5.88	1.78	0.90	0.47	0.50	0.41	
23	0.03	2.38	1.14	8.24	3.70	6.76	5.44	1.78	0.90	0.47	0.50	0.41	
24	0.03	2.14	0.90	13.68	3.70	7.72	4.87	1.66	0.82	0.44	0.50	0.41	
25	0.18	2.02	2.50	9.80	3.70	6.76	4.35	1.54	0.82	0.44	0.47	0.44	
26	7.98	1.78	3.22	8.24	3.96	6.10	3.96	1.42	0.74	0.44	0.44	0.66	
27	2.02	1.54	2.86	7.46	3.46	5.22	3.83	1.30	0.74	0.44	0.44	0.74	
28	1.30	2.26	3.83	8.76	3.46	5.00	3.58	1.22	0.74	0.44	0.44	0.58	
29	1.30	1.66	3.34	16.96	4.22	5.88	3.46	1.22	0.74	0.44	0.44	0.47	
30	0.82	1.22	4.74	19.35	5.88	5.00	3.34	1.22	0.74	0.44	0.44	0.44	
31		1.06		17.64	6.76		3.10		0.66	0.44		0.44	
Total	15.43	123.86	39.78	392.61	263.59	197.52	277.93	59.76	29.98	17.06	15.67	13.87	1447.06 CMSDAY
Mean	0.51	4.00	1.33	12.66	8.50	6.58	8.97	1.99	0.97	0.55	0.54	0.45	3.95 CMS
Max	7.98	10.06	4.74	69.70	32.40	10.58	26.55	3.10	1.22	0.66	1.06	0.74	69.70 CMS
Min	0.02	1.06	0.47	2.98	3.46	3.96	3.10	1.22	0.66	0.44	0.41	0.38	0.02 CMS
Runoff	1.33	10.70	3.44	33.92	22.77	17.07	24.01	5.16	2.59	1.47	1.35	1.20	125.03 MCM
Momentary Peak		127.95 CMS.		at 85.57 m. (MSL.)		at 24.00 Hours							
Runoff Yield		7.65		Liters/Second/Square KM.		Momentary Peak Yield	247.01						Liters/Second/Square KM.

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Khwae Yai River at Ban Nong Bua , Kanchanaburi (K.35A)

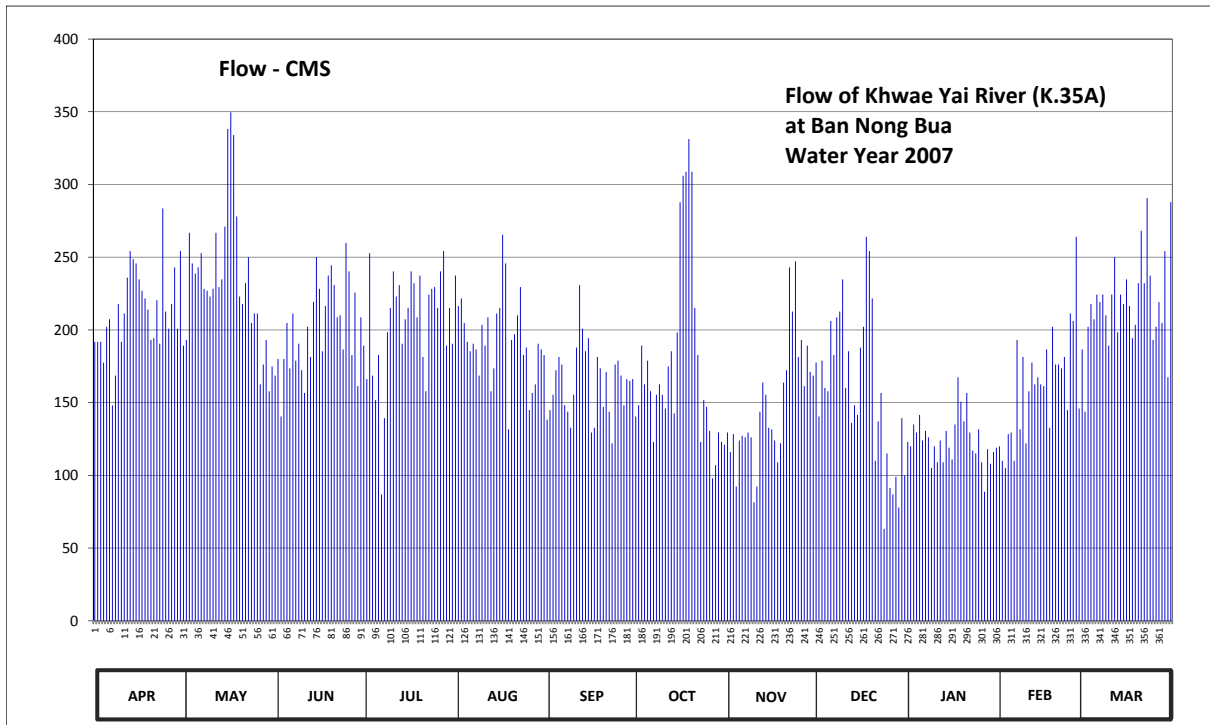
Lat 14 - 03 - 22 N Long 99 - 27 - 32 E

Location : on left bank at Ban Nong Bua.

	Ban Nong Bua	Amphoe Mueang	Changwat Kanchanaburi
Drainage Area	14,444 sq.km.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+21.498 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 3 meters from the third staff gage.	Elevation	+32.147 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 - 1985 , 1987 to date		
Rated by Flot	-		
Rated by Current Meter	1984 - 1985 , 1987 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 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	25.36	25.34	25.18	25.34	25.71	24.92	24.94	24.84	25.25	24.78	24.75	25.32	
2	25.36	25.37	25.27	25.16	25.55	24.98	25.01	24.71	24.94	24.75	24.65	24.97	
3	25.36	25.92	24.94	25.82	25.59	25.07	25.34	24.83	25.26	24.89	24.60	25.44	
4	25.25	25.77	25.27	25.18	25.46	25.21	25.13	24.47	25.11	24.84	24.83	25.56	
5	25.44	25.72	25.46	25.04	25.36	25.28	25.26	24.79	25.09	24.95	24.84	25.48	
6	25.48	25.75	25.22	25.29	25.31	25.24	25.09	24.82	25.47	24.79	24.65	25.61	
7	25.01	25.82	25.51	24.41	25.35	25.01	24.78	24.81	25.29	24.85	25.37	25.57	
8	25.18	25.64	25.26	24.93	25.32	24.97	25.07	24.84	25.49	24.81	24.86	25.61	
9	25.56	25.63	25.35	25.41	25.18	24.87	25.13	24.81	25.52	24.60	25.28	25.50	
10	25.36	25.60	25.21	25.54	25.45	25.07	25.07	24.35	25.69	24.75	24.77	25.34	
11	25.51	25.64	25.08	25.73	25.34	25.33	24.99	24.47	25.11	24.64	25.09	25.61	
12	25.70	25.92	25.44	25.60	25.49	25.66	25.23	24.97	25.31	24.79	25.25	25.80	
13	25.83	25.65	25.28	25.66	25.09	25.43	25.31	25.14	24.90	24.64	25.13	25.41	
14	25.79	25.69	25.57	25.35	25.22	25.31	24.96	25.07	25.01	24.85	25.17	25.61	
15	25.77	25.95	25.80	25.48	25.51	25.38	25.41	24.87	24.95	24.74	25.13	25.56	
16	25.69	26.43	25.64	25.54	25.54	24.84	26.07	24.86	25.33	24.66	25.12	25.69	
17	25.63	26.51	25.31	25.73	25.91	24.87	26.20	24.79	25.44	24.89	25.32	25.55	
18	25.59	26.40	25.55	25.67	25.77	25.28	26.22	24.64	25.90	25.17	24.87	25.38	
19	25.53	26.00	25.71	25.49	24.86	25.22	26.38	24.77	25.83	25.03	25.44	25.45	
20	25.37	25.60	25.76	25.71	25.37	25.00	26.22	25.14	25.59	24.91	25.24	25.67	
21	25.38	25.56	25.66	25.28	25.40	25.20	25.54	25.21	24.65	25.08	25.24	25.93	
22	25.58	25.67	25.49	25.09	25.50	24.97	25.29	25.75	24.91	24.84	25.22	25.67	
23	25.35	25.80	25.50	25.61	25.65	24.77	24.78	25.52	25.08	24.72	25.28	26.09	
24	26.04	25.46	25.32	25.64	25.29	25.24	25.04	25.78	24.14	24.70	24.98	25.71	
25	25.52	25.51	25.87	25.65	25.33	25.26	25.00	25.28	24.70	24.86	25.51	25.37	
26	25.43	25.51	25.73	25.54	24.98	25.18	24.85	25.37	24.46	24.64	25.47	25.44	
27	25.56	25.13	25.29	25.73	25.08	25.01	24.53	25.12	24.41	24.43	25.90	25.57	
28	25.75	25.24	25.62	25.83	25.13	25.16	24.62	25.34	24.54	24.73	24.99	25.46	
29	25.43	25.37	25.12	25.34	25.35	25.15	24.84	25.20	24.31	24.63	25.48	25.83	
30	25.83	25.09	25.49	25.54	25.32	25.16	24.78	25.18	24.93	24.71	25.17	25.17	
31		25.23		25.35	25.29		24.76		24.55	24.74		26.07	
Mean	25.52	25.67	25.43	25.44	25.38	25.13	25.22	24.99	25.07	24.79	25.12	25.56	
Max	26.04	26.51	25.87	25.83	25.91	25.66	26.38	25.78	25.90	25.17	25.90	26.09	26.51
Min	25.01	25.09	24.94	24.41	24.86	24.77	24.53	24.35	24.14	24.43	24.60	24.97	24.14
Annual Max Momentary Gage Height	27.04		m. (MSL.) ,				at 01.00 Hours ,						on May 18 , 2007
Zero Gage at Bottom Elevation	21.50		m. (MSL.) ,				River Bed	22.47		m. (MSL.) ,			
Left Bank Elevation		27.64		m. (MSL.) ,									
Right Bank Elevation		31.17		m. (MSL.) ,			Drainage Are	14,444		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	191.80	189.20	168.60	189.20	237.40	138.20	140.40	129.40	177.50	123.00	120.00	186.60		
2	191.80	193.10	180.10	166.20	216.50	144.80	148.20	116.00	140.40	120.00	110.00	143.70		
3	191.80	266.80	140.40	252.80	221.70	155.40	189.20	128.30	178.80	134.90	105.00	202.20		
4	177.50	245.80	180.10	168.60	204.80	172.30	162.60	92.30	160.20	129.40	128.30	217.80		
5	202.20	238.80	204.80	151.80	191.80	181.40	178.80	124.00	157.80	141.50	129.40	207.40		
6	207.40	243.00	173.60	182.70	185.30	176.20	157.80	127.20	206.10	124.00	110.00	224.30		
7	148.20	252.80	211.30	86.90	190.50	148.20	123.00	126.10	182.70	130.50	193.10	219.10		
8	168.60	228.20	178.80	139.30	186.60	143.70	155.40	129.40	208.70	126.10	131.60	224.30		
9	217.80	226.90	190.50	198.30	168.60	132.70	162.60	126.10	212.60	105.00	181.40	210.00		
10	191.80	223.00	172.30	215.20	203.50	155.40	155.40	81.50	234.70	120.00	122.00	189.20		
11	211.30	228.20	156.60	240.20	189.20	187.90	145.90	92.30	160.20	109.00	157.80	224.30		
12	236.00	266.80	202.20	223.00	208.70	230.80	174.90	143.70	185.30	124.00	177.50	250.00		
13	254.20	229.50	181.40	230.80	157.80	200.90	185.30	163.80	136.00	109.00	162.60	198.30		
14	248.60	234.70	219.10	190.50	173.60	185.30	142.60	155.40	148.20	130.50	167.40	224.30		
15	245.80	271.00	250.00	207.40	211.30	194.40	198.30	132.70	141.50	119.00	162.60	217.80		
16	234.70	338.20	228.20	215.20	215.20	129.40	287.80	131.60	187.90	111.00	161.40	234.70		
17	226.90	349.60	185.30	240.20	265.40	132.70	306.00	124.00	202.20	134.90	186.60	216.50		
18	221.70	334.00	216.50	232.10	245.80	181.40	308.80	109.00	264.00	167.40	132.70	194.40		
19	213.90	278.00	237.40	208.70	131.60	173.60	331.20	122.00	254.20	150.60	202.20	203.50		
20	193.10	223.00	244.40	237.40	193.10	147.00	308.80	163.80	221.70	137.10	176.20	232.10		
21	194.40	217.80	230.80	181.40	197.00	171.00	215.20	172.30	110.00	156.60	176.20	268.20		
22	220.40	232.10	208.70	157.80	210.00	143.70	182.70	243.00	137.10	129.40	173.60	232.10		
23	190.50	250.00	210.00	224.30	229.50	122.00	123.00	212.60	156.60	117.00	181.40	290.60		
24	283.60	204.80	186.60	228.20	182.70	176.20	151.80	247.20	63.20	115.00	144.80	237.40		
25	212.60	211.30	259.80	229.50	187.90	178.80	147.00	181.40	115.00	131.60	211.30	193.10		
26	200.90	211.30	240.20	215.20	144.80	168.60	130.50	193.10	91.40	109.00	206.10	202.20		
27	217.80	162.60	182.70	240.20	156.60	148.20	98.00	161.40	86.90	88.70	264.00	219.10		
28	243.00	176.20	225.60	254.20	162.60	166.20	107.00	189.20	99.00	118.00	145.90	204.80		
29	200.90	193.10	161.40	189.20	190.50	165.00	129.40	171.00	77.90	108.00	207.40	254.20		
30	254.20	157.80	208.70	215.20	186.60	166.20	123.00	168.60	139.30	116.00		167.40		
31		174.9		190.50	182.70		121.00		100.00	119.00		287.80		
Total	6393.40	7252.50	6036.10	6302.20	6029.30	4917.60	5491.60	4458.40	4937.10	3855.20	4728.50	6777.40	67179.30	CMSDAY
Mean	213.11	233.95	201.20	203.30	194.49	163.92	177.15	148.61	159.26	124.36	163.05	218.63	183.55	CMS
Max	283.60	349.60	259.80	254.20	265.40	230.80	331.20	247.20	264.00	167.40	264.00	290.60	349.60	CMS
Min	148.20	157.80	140.40	86.90	131.60	122.00	98.00	81.50	63.20	88.70	105.00	143.70	63.20	CMS
Runoff	552.39	626.62	521.52	544.51	520.93	424.88	474.47	385.21	426.57	333.09	408.54	585.57	5804.29	MCM
Momentary Peak	437.20	CMS.	at 27.04 m. (MSL.)	at 01.00 Hours	on May 18, 2007									
Runoff Yield	12.74	Liters/Second/Square KM.			Momentary Peak Yield	30.27	Liters/Second/Square KM.							

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Khwaeng Noi River at Ban Wang Yen , Kanchanaburi (K.37)

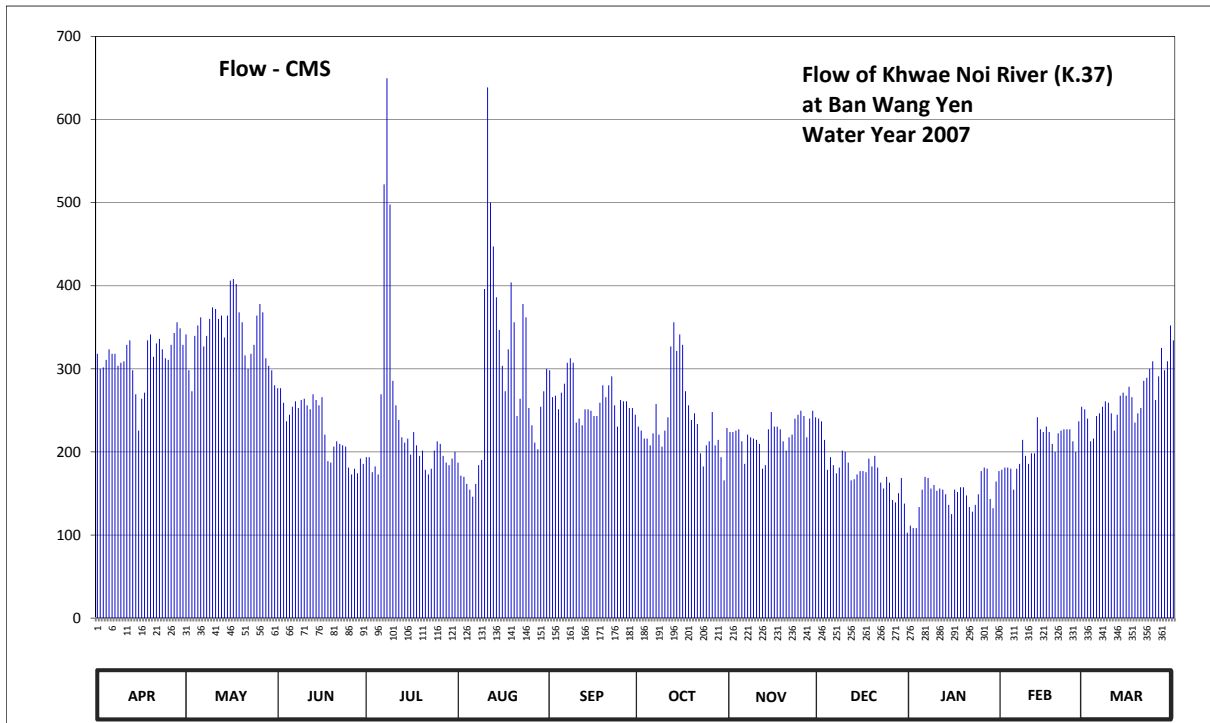
Lat 13 - 55 - 54 N Long 99 - 25 - 38 E

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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Flow regulated by Khao Laem Dam. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	24.70	24.83	24.47	23.96	23.92	24.59	24.19	24.15	24.25	23.38	23.86	24.32	
2	24.60	24.59	24.47	23.96	23.81	24.41	24.16	24.15	24.23	23.36	23.88	24.25	
3	24.61	24.45	24.37	23.84	23.80	24.42	24.10	24.16	24.09	23.36	23.88	24.08	
4	24.66	24.82	24.23	23.89	23.74	24.32	24.10	24.17	23.86	23.54	23.87	24.10	
5	24.73	24.89	24.28	23.82	23.69	24.44	24.05	24.08	23.96	23.69	23.69	24.27	
6	24.70	24.94	24.34	24.43	23.63	24.50	24.14	23.91	23.90	23.80	23.87	24.29	
7	24.70	24.75	24.38	25.70	23.74	24.64	24.36	24.13	23.83	23.79	23.91	24.34	
8	24.62	24.82	24.33	26.28	23.90	24.67	24.13	24.11	23.88	23.70	24.09	24.38	
9	24.64	24.93	24.39	25.59	23.94	24.64	24.04	24.10	24.01	23.73	23.97	24.37	
10	24.65	25.00	24.40	24.52	25.11	24.22	24.16	24.09	24.00	23.68	23.91	24.29	
11	24.76	24.99	24.35	24.35	26.23	24.25	24.26	24.06	23.92	23.70	23.99	24.16	
12	24.79	24.93	24.32	24.24	25.60	24.20	24.75	23.87	23.77	23.69	23.99	24.28	
13	24.59	24.95	24.43	24.11	25.36	24.32	24.91	23.90	23.78	23.65	24.26	24.42	
14	24.43	24.81	24.39	24.07	25.06	24.32	24.72	24.17	23.82	23.56	24.17	24.44	
15	24.16	24.95	24.35	24.10	24.86	24.31	24.83	24.30	23.85	23.48	24.15	24.42	
16	24.40	25.16	24.41	23.98	24.62	24.27	24.76	24.19	23.85	23.69	24.19	24.48	
17	24.44	25.17	24.13	24.15	24.45	24.27	24.45	24.19	23.84	23.67	24.15	24.41	
18	24.79	25.14	23.93	24.05	24.73	24.37	24.35	24.17	23.95	23.71	24.06	24.22	
19	24.83	24.97	23.92	23.97	25.15	24.49	24.24	24.08	23.89	23.71	24.00	24.29	
20	24.68	24.91	24.04	24.01	24.91	24.41	24.29	24.01	23.97	23.64	24.14	24.33	
21	24.77	24.69	24.08	23.86	24.27	24.49	24.21	24.11	23.88	23.54	24.16	24.52	
22	24.80	24.60	24.06	23.82	24.40	24.55	23.99	24.13	23.75	23.50	24.17	24.54	
23	24.73	24.70	24.05	23.87	25.02	24.35	23.89	24.25	23.70	23.56	24.17	24.60	
24	24.67	24.76	24.04	24.01	24.94	24.19	24.05	24.28	23.80	23.65	24.17	24.65	
25	24.66	24.95	23.88	24.08	24.33	24.39	24.08	24.31	23.75	23.85	24.08	24.39	
26	24.76	25.02	23.82	24.06	24.20	24.38	24.30	24.27	23.60	23.88	24.00	24.55	
27	24.84	24.97	23.87	23.97	24.07	24.38	24.05	24.11	23.58	23.87	24.23	24.74	
28	24.91	24.67	23.83	23.92	24.02	24.33	24.09	24.25	23.66	23.61	24.34	24.59	
29	24.87	24.62	23.95	23.90	24.34	24.33	23.96	24.31	23.79	23.53	24.32	24.65	
30	24.76	24.59	23.91	23.95	24.45	24.28	23.77	24.26	23.57	23.76	24.89	24.89	
31		24.49		24.00	24.60		24.18		23.32	23.85		24.79	
Mean	24.67	24.84	24.18	24.21	24.48	24.39	24.24	24.14	23.84	23.65	24.06	24.42	
Max	24.91	25.17	24.47	26.28	26.23	24.67	24.91	24.31	24.25	23.88	24.34	24.89	26.28
Min	24.16	24.45	23.82	23.82	23.63	24.19	23.77	23.87	23.32	23.36	23.69	24.08	23.32
Annual Max Momentary Gage Height	26.38		m. (MSL.) ,			at 17.00 Hours ,	on Jul 8 ,	2007					
Zero Gage at Bottom Elevation	19.84		m. (MSL.) ,			River Bed	19.00	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, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	318.00	341.40	276.60	193.60	187.20	298.20	230.40	224.00	240.00	111.20	178.40	251.20		
2	300.00	298.20	276.60	193.60	171.40	265.80	225.60	224.00	236.80	108.40	181.20	240.00		
3	301.80	273.00	259.20	175.60	170.00	267.60	216.00	225.60	214.40	108.40	181.20	212.80		
4	310.80	339.60	236.80	182.60	161.60	251.20	216.00	227.20	178.40	133.60	179.80	216.00		
5	323.40	352.20	244.80	172.80	154.60	271.20	208.00	212.80	193.60	154.60	154.60	243.20		
6	318.00	362.00	254.40	269.40	146.20	282.00	222.40	185.60	184.00	170.00	179.80	246.40		
7	318.00	327.00	260.80	522.00	161.60	307.20	257.60	220.80	174.20	168.60	185.60	254.40		
8	303.60	339.60	252.80	649.60	184.00	312.60	220.80	217.60	181.20	156.00	214.40	260.80		
9	307.20	360.00	262.40	497.80	190.40	307.20	206.40	216.00	201.60	160.20	195.20	259.20		
10	309.00	374.00	264.00	285.60	396.00	235.20	225.60	214.40	200.00	153.20	185.60	246.40		
11	328.80	372.00	256.00	256.00	638.60	240.00	241.60	209.60	187.20	156.00	198.40	225.60		
12	334.20	360.00	251.20	238.40	500.00	232.00	327.00	179.80	165.80	154.60	198.40	244.80		
13	298.20	364.00	269.40	217.60	447.20	251.20	356.00	184.00	167.20	149.00	241.60	267.60		
14	269.40	337.80	262.40	211.20	386.00	251.20	321.60	227.20	172.80	136.40	227.20	271.20		
15	225.60	364.00	256.00	216.00	346.80	249.60	341.40	248.00	177.00	125.20	224.00	267.60		
16	264.00	406.00	265.80	196.80	303.60	243.20	328.80	230.40	177.00	154.60	230.40	278.40		
17	271.20	408.00	220.80	224.00	273.00	243.20	273.00	230.40	175.60	151.80	224.00	265.80		
18	334.20	402.00	188.80	208.00	323.40	259.20	256.00	227.20	192.00	157.40	209.60	235.20		
19	341.40	368.00	187.20	195.20	404.00	280.20	238.40	212.80	182.60	157.40	200.00	246.40		
20	314.40	356.00	206.40	201.60	356.00	265.80	246.40	201.60	195.20	147.60	222.40	252.80		
21	330.60	316.20	212.80	178.40	243.20	280.20	233.60	217.60	181.20	133.60	225.60	285.60		
22	336.00	300.00	209.60	172.80	264.00	291.00	198.40	220.80	163.00	128.00	227.20	289.20		
23	323.40	318.00	208.00	179.80	378.00	256.00	182.60	240.00	156.00	136.40	227.20	300.00		
24	312.60	328.80	206.40	201.60	362.00	230.40	208.00	244.80	170.00	149.00	227.20	309.00		
25	310.80	364.00	181.20	212.80	252.80	262.40	212.80	249.60	163.00	177.00	212.80	262.40		
26	328.80	378.00	172.80	209.60	232.00	260.80	248.00	243.20	142.00	181.20	200.00	291.00		
27	343.20	368.00	179.80	195.20	211.20	260.80	208.00	217.60	139.20	179.80	236.80	325.20		
28	356.00	312.60	174.20	187.20	203.20	252.80	214.40	240.00	150.40	143.40	254.40	298.20		
29	348.60	303.60	192.00	184.00	254.40	252.80	193.60	249.60	168.60	132.20	251.20	309.00		
30	328.80	298.20	185.60	192.00	273.00	244.80	165.80	241.60	137.80	164.40		352.20		
31		280.20		200.00	300.00		228.80		102.80	177.00		334.20		
Total	9410.00	10672.40	6874.80	7420.80	8875.40	7905.80	7453.00	6683.80	5470.60	4616.20	6074.20	8341.80	89798.80	CMSDAY
Mean	313.67	344.27	229.16	239.38	286.30	263.53	240.42	222.79	176.47	148.91	209.46	269.09	245.35	CMS
Max	356.00	408.00	276.60	649.60	638.60	312.60	356.00	249.60	240.00	181.20	254.40	352.20	649.60	CMS
Min	225.60	273.00	172.80	172.80	146.20	230.40	165.80	179.80	102.80	108.40	154.60	212.80	102.80	CMS
Runoff	813.02	922.10	593.98	641.16	766.83	683.06	643.94	577.48	472.66	398.84	524.81	720.73	7758.62	MCM
Momentary Peak		671.60	CMS. at 26.38 m. (MSL.)											at 17.00 Hours , on Jul 8 , 2007
Runoff Yield		23.30	Liters/Second/Square KM.											Momentary Peak Yield 63.62 Liters/Second/Square KM.

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Lin Thin at Ban Nong Bang , Kanchanaburi (K.38A)

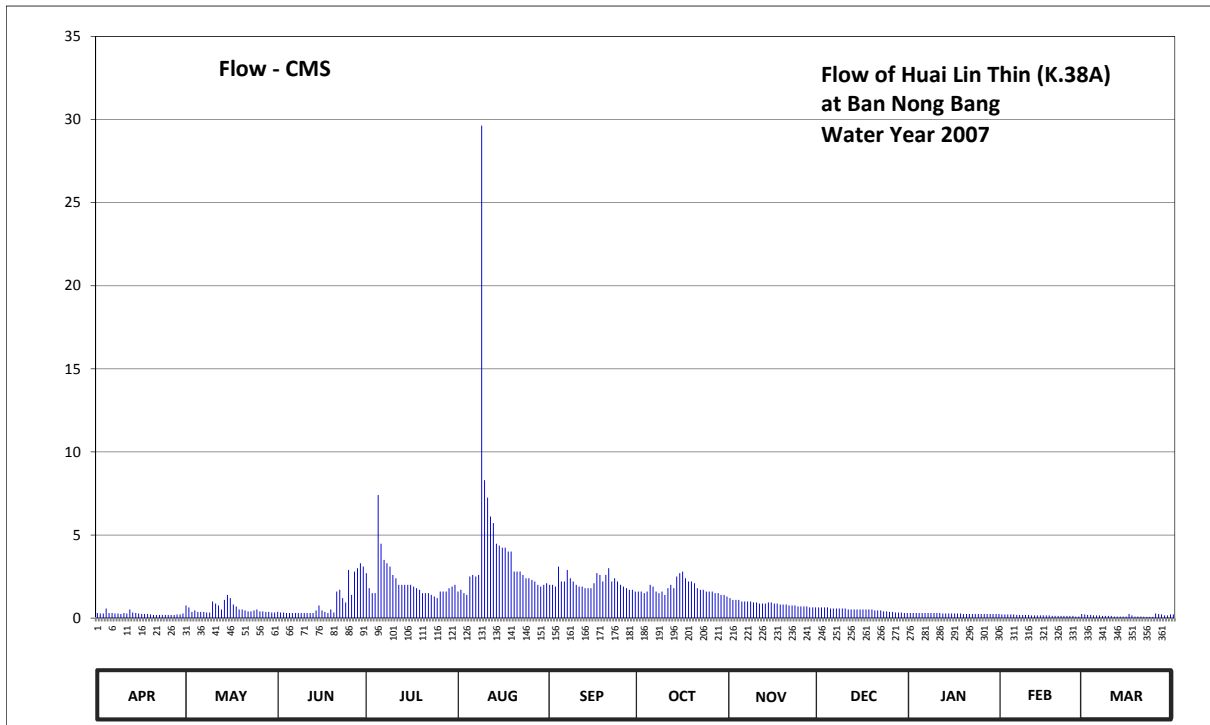
Lat 14 - 34 - 28 N Long 98 - 49 - 07 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 38 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	90.57	90.66	90.59	90.87	90.76	90.80	90.76	90.72	90.64	90.57	90.54	90.54	
2	90.56	90.64	90.58	90.78	90.77	90.80	90.76	90.71	90.64	90.57	90.54	90.53	
3	90.56	90.59	90.58	90.75	90.75	90.79	90.75	90.71	90.64	90.57	90.54	90.53	
4	90.63	90.61	90.57	90.75	90.74	90.91	90.76	90.71	90.64	90.57	90.54	90.52	
5	90.57	90.59	90.57	91.26	90.85	90.82	90.80	90.70	90.63	90.57	90.54	90.52	
6	90.57	90.59	90.57	91.04	90.86	90.82	90.79	90.70	90.63	90.57	90.53	90.52	
7	90.56	90.59	90.57	90.95	90.85	90.89	90.76	90.70	90.63	90.57	90.53	90.51	
8	90.56	90.58	90.57	90.93	90.86	90.84	90.75	90.70	90.63	90.57	90.53	90.51	
9	90.55	90.58	90.57	90.91	92.29	90.82	90.76	90.69	90.63	90.57	90.53	90.51	
10	90.57	90.70	90.57	90.86	91.32	90.80	90.74	90.69	90.63	90.57	90.53	90.51	
11	90.56	90.68	90.57	90.84	91.25	90.79	90.78	90.68	90.62	90.57	90.52	90.50	
12	90.62	90.66	90.57	90.80	91.17	90.79	90.80	90.68	90.62	90.56	90.52	90.50	
13	90.58	90.62	90.57	90.80	91.14	90.78	90.78	90.68	90.62	90.56	90.52	90.50	
14	90.57	90.71	90.61	90.80	91.04	90.78	90.85	90.69	90.62	90.56	90.52	90.50	
15	90.56	90.74	90.66	90.80	91.03	90.78	90.87	90.69	90.62	90.56	90.52	90.50	
16	90.55	90.72	90.61	90.80	91.02	90.81	90.88	90.68	90.62	90.56	90.52	90.55	
17	90.55	90.67	90.59	90.79	91.02	90.87	90.84	90.68	90.62	90.56	90.52	90.52	
18	90.55	90.65	90.57	90.78	91.00	90.86	90.82	90.67	90.62	90.56	90.51	90.50	
19	90.54	90.62	90.62	90.77	91.00	90.82	90.82	90.67	90.62	90.55	90.51	90.50	
20	90.53	90.62	90.58	90.75	90.88	90.86	90.81	90.67	90.61	90.55	90.51	90.50	
21	90.53	90.61	90.76	90.75	90.88	90.90	90.78	90.66	90.61	90.55	90.51	90.49	
22	90.53	90.60	90.77	90.75	90.88	90.82	90.77	90.66	90.61	90.55	90.51	90.48	
23	90.53	90.60	90.72	90.74	90.86	90.84	90.77	90.66	90.60	90.55	90.51	90.48	
24	90.53	90.61	90.69	90.73	90.84	90.82	90.76	90.65	90.60	90.55	90.51	90.48	
25	90.53	90.62	90.89	90.72	90.84	90.80	90.76	90.65	90.59	90.55	90.51	90.56	
26	90.53	90.60	90.74	90.76	90.83	90.79	90.76	90.65	90.59	90.55	90.50	90.55	
27	90.53	90.60	90.88	90.76	90.82	90.78	90.75	90.65	90.58	90.55	90.50	90.54	
28	90.54	90.59	90.90	90.76	90.80	90.77	90.75	90.64	90.58	90.55	90.55	90.52	
29	90.54	90.59	90.93	90.78	90.79	90.77	90.74	90.64	90.58	90.55	90.54	90.52	
30	90.56	90.58	90.91	90.79	90.80	90.76	90.74	90.64	90.57	90.55		90.54	
31		90.58		90.80	90.81		90.73		90.57	90.55		90.54	
Mean	90.56	90.63	90.66	90.82	90.96	90.82	90.78	90.68	90.61	90.56	90.52	90.52	
Max	90.63	90.74	90.93	91.26	92.29	90.91	90.88	90.72	90.64	90.57	90.55	90.56	92.29
Min	90.53	90.58	90.57	90.72	90.74	90.76	90.73	90.64	90.57	90.55	90.50	90.48	90.48
Annual Max Momentary Gage Height	92.96		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation		90.02	m. (MSL.) ,			River Bed	90.34	m. (MSL.)					
Left Bank Elevation		95.41	m. (MSL.) ,										
Right Bank Elevation		95.41	m. (MSL.) ,		Drainage Are	122	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.31	0.76	0.37	2.70	1.60	2.00	1.60	1.20	0.64	0.31	0.22	0.22	
2	0.28	0.64	0.34	1.80	1.70	2.00	1.60	1.10	0.64	0.31	0.22	0.19	
3	0.28	0.37	0.34	1.50	1.50	1.90	1.50	1.10	0.64	0.31	0.22	0.19	
4	0.58	0.46	0.31	1.50	1.40	3.10	1.60	1.10	0.64	0.31	0.22	0.16	
5	0.31	0.37	0.31	7.40	2.50	2.20	2.00	1.00	0.58	0.31	0.22	0.16	
6	0.31	0.37	0.31	4.48	2.60	2.20	1.90	1.00	0.58	0.31	0.19	0.16	
7	0.28	0.37	0.31	3.50	2.50	2.90	1.60	1.00	0.58	0.31	0.19	0.13	
8	0.28	0.34	0.31	3.30	2.60	2.40	1.50	1.00	0.58	0.31	0.19	0.13	
9	0.25	0.34	0.31	3.10	29.63	2.20	1.60	0.94	0.58	0.31	0.19	0.13	
10	0.31	1.00	0.31	2.60	8.30	2.00	1.40	0.94	0.58	0.31	0.19	0.13	
11	0.28	0.88	0.31	2.40	7.25	1.90	1.80	0.88	0.52	0.31	0.16	0.10	
12	0.52	0.76	0.31	2.00	6.11	1.90	2.00	0.88	0.52	0.28	0.16	0.10	
13	0.34	0.52	0.31	2.00	5.72	1.80	1.80	0.88	0.52	0.28	0.16	0.10	
14	0.31	1.10	0.46	2.00	4.48	1.80	2.50	0.94	0.52	0.28	0.16	0.10	
15	0.28	1.40	0.76	2.00	4.36	1.80	2.70	0.94	0.52	0.28	0.16	0.10	
16	0.25	1.20	0.46	2.00	4.24	2.10	2.80	0.88	0.52	0.28	0.16	0.25	
17	0.25	0.82	0.37	1.90	4.24	2.70	2.40	0.88	0.52	0.28	0.16	0.16	
18	0.25	0.70	0.31	1.80	4.00	2.60	2.20	0.82	0.52	0.28	0.13	0.10	
19	0.22	0.52	0.52	1.70	4.00	2.20	2.20	0.82	0.52	0.25	0.13	0.10	
20	0.19	0.52	0.34	1.50	2.80	2.60	2.10	0.82	0.46	0.25	0.13	0.10	
21	0.19	0.46	1.60	1.50	2.80	3.00	1.80	0.76	0.46	0.25	0.13	0.09	
22	0.19	0.40	1.70	1.50	2.80	2.20	1.70	0.76	0.46	0.25	0.13	0.08	
23	0.19	0.40	1.20	1.40	2.60	2.40	1.70	0.76	0.40	0.25	0.13	0.08	
24	0.19	0.46	0.94	1.30	2.40	2.20	1.60	0.70	0.40	0.25	0.13	0.08	
25	0.19	0.52	2.90	1.20	2.40	2.00	1.60	0.70	0.37	0.25	0.13	0.28	
26	0.19	0.40	1.40	1.60	2.30	1.90	1.60	0.70	0.37	0.25	0.10	0.25	
27	0.19	0.40	2.80	1.60	2.20	1.80	1.50	0.70	0.34	0.25	0.10	0.22	
28	0.22	0.37	3.00	1.60	2.00	1.70	1.50	0.64	0.34	0.25	0.25	0.16	
29	0.22	0.37	3.30	1.80	1.90	1.70	1.40	0.64	0.34	0.25	0.22	0.16	
30	0.28	0.34	3.10	1.90	2.00	1.60	1.40	0.64	0.31	0.25		0.22	
31		0.34		2.00	2.10		1.30		0.31	0.25		0.22	
Total	8.13	17.90	29.31	68.58	127.03	64.80	55.90	26.12	15.28	8.62	4.88	4.65	431.20 CMSDAY
Mean	0.27	0.58	0.98	2.21	4.10	2.16	1.80	0.87	0.49	0.28	0.17	0.15	1.18 CMS
Max	0.58	1.40	3.30	7.40	29.63	3.10	2.80	1.20	0.64	0.31	0.25	0.28	29.63 CMS
Min	0.19	0.34	0.31	1.20	1.40	1.60	1.30	0.64	0.31	0.25	0.10	0.08	0.08 CMS
Runoff	0.70	1.55	2.53	5.93	10.98	5.60	4.83	2.26	1.32	0.74	0.42	0.40	37.26 MCM
Momentary Peak	50.14	CMS.	at 92.96 m. (MSL.)	at 12.00 Hours	on Aug 9, 2007								
Runoff Yield	9.66	Liters/Second/Square KM.		Momentary Peak Yield	409.91	Liters/Second/Square KM.							

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Ong Thi at Ban Ong Thi , Kanchanaburi (K.39)

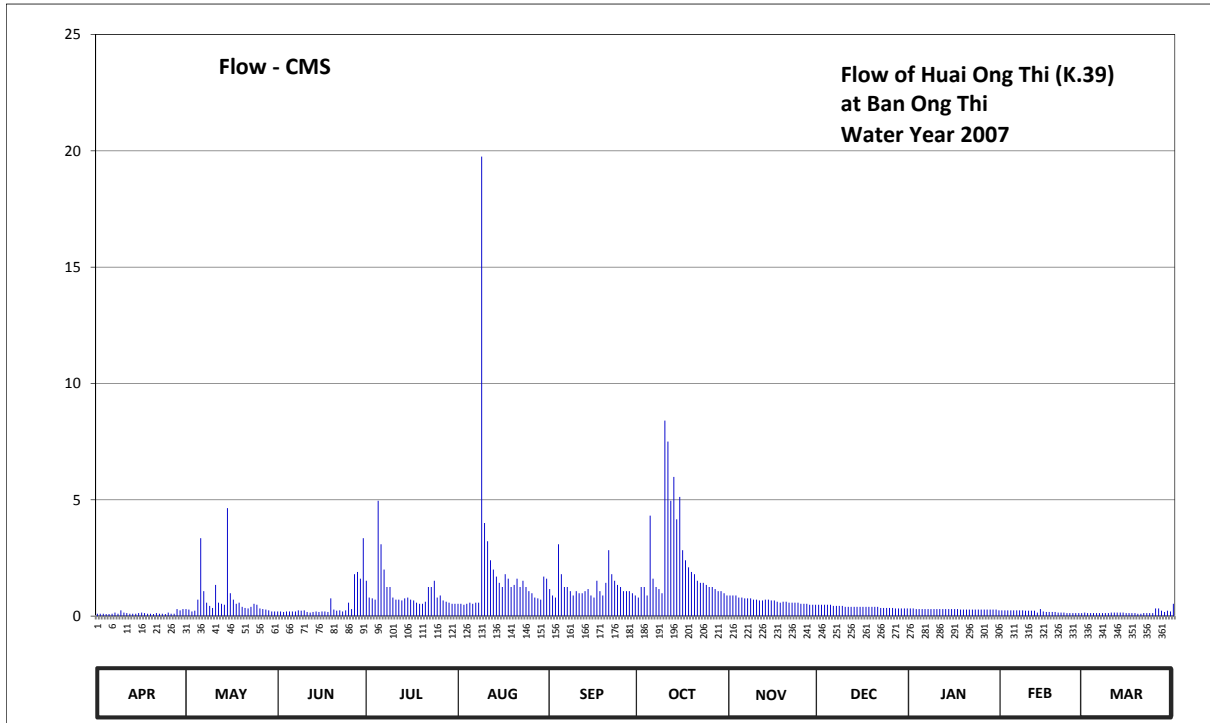
Lat 14 - 42 - 21 N Long 98 - 40 - 19 E

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 41 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	82.00	82.08	82.04	82.28	82.14	82.24	82.20	82.21	82.13	82.09	82.06	82.02	
2	82.00	82.07	82.04	82.20	82.14	82.21	82.25	82.21	82.13	82.09	82.06	82.01	
3	82.00	82.04	82.03	82.19	82.13	82.20	82.25	82.21	82.13	82.08	82.06	82.01	
4	81.99	82.05	82.04	82.18	82.14	82.43	82.21	82.20	82.13	82.08	82.06	82.01	
5	81.99	82.18	82.04	82.56	82.15	82.31	82.52	82.20	82.13	82.08	82.06	82.01	
6	82.00	82.45	82.04	82.43	82.14	82.25	82.29	82.19	82.12	82.08	82.06	82.01	
7	82.02	82.23	82.04	82.33	82.15	82.25	82.25	82.19	82.12	82.08	82.06	82.01	
8	82.00	82.15	82.06	82.25	82.15	82.23	82.24	82.19	82.12	82.08	82.06	82.01	
9	82.06	82.12	82.05	82.25	83.15	82.21	82.22	82.18	82.12	82.08	82.05	82.01	
10	82.02	82.10	82.06	82.20	82.50	82.23	82.74	82.18	82.11	82.08	82.05	82.02	
11	82.01	82.26	82.03	82.18	82.44	82.22	82.70	82.17	82.11	82.08	82.05	82.02	
12	82.00	82.15	82.02	82.18	82.37	82.22	82.56	82.17	82.11	82.08	82.05	82.02	
13	82.00	82.14	82.03	82.17	82.33	82.23	82.62	82.18	82.11	82.08	82.02	82.02	
14	82.00	82.13	82.04	82.19	82.30	82.24	82.51	82.18	82.11	82.08	82.08	82.02	
15	82.01	82.54	82.03	82.20	82.27	82.21	82.57	82.17	82.11	82.08	82.04	82.01	
16	82.02	82.22	82.04	82.18	82.25	82.20	82.41	82.17	82.11	82.08	82.03	82.01	
17	82.01	82.18	82.04	82.17	82.31	82.28	82.37	82.16	82.11	82.08	82.03	82.01	
18	82.00	82.14	82.03	82.15	82.29	82.23	82.34	82.15	82.11	82.07	82.03	82.01	
19	82.00	82.15	82.19	82.14	82.25	82.21	82.32	82.16	82.11	82.07	82.03	82.00	
20	81.99	82.11	82.07	82.14	82.26	82.27	82.31	82.16	82.11	82.07	82.02	82.00	
21	82.01	82.10	82.05	82.16	82.29	82.41	82.28	82.15	82.11	82.07	82.02	82.01	
22	82.00	82.09	82.06	82.25	82.25	82.31	82.27	82.15	82.10	82.07	82.02	82.01	
23	82.00	82.11	82.04	82.25	82.28	82.28	82.27	82.15	82.10	82.07	82.01	82.01	
24	81.99	82.14	82.06	82.28	82.25	82.26	82.26	82.15	82.10	82.07	82.01	82.01	
25	82.02	82.13	82.15	82.20	82.23	82.25	82.25	82.14	82.10	82.07	82.01	82.09	
26	82.00	82.09	82.08	82.21	82.22	82.23	82.25	82.14	82.10	82.07	82.01	82.09	
27	82.00	82.08	82.31	82.17	82.20	82.23	82.24	82.14	82.09	82.07	82.01	82.05	
28	82.08	82.07	82.32	82.16	82.19	82.23	82.23	82.13	82.09	82.07	82.01	82.03	
29	82.06	82.06	82.29	82.15	82.18	82.22	82.23	82.13	82.09	82.07	82.02	82.05	
30	82.08	82.04	82.45	82.14	82.30	82.21	82.22	82.13	82.09	82.07	82.01	82.04	
31		82.04		82.14	82.29		82.21		82.09	82.06		82.14	
Mean	82.01	82.14	82.09	82.22	82.28	82.25	82.34	82.17	82.11	82.08	82.04	82.02	
Max	82.08	82.54	82.45	82.56	83.15	82.43	82.74	82.21	82.13	82.09	82.08	82.14	83.15
Min	81.99	82.04	82.02	82.14	82.13	82.20	82.20	82.13	82.09	82.06	82.01	82.00	81.99
Annual Max Momentary Gage Height	83.58		m. (MSL.) ,				at 16.00 Hours ,						
Zero Gage at Bottom Elevation	81.78		m. (MSL.) ,			River Bed	81.72		m. (MSL.)				
Left Bank Elevation		90.32		m. (MSL.) ,									
Right Bank Elevation		88.97		m. (MSL.) ,		Drainage Are	51		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.30	0.20	1.52	0.53	1.16	0.80	0.89	0.49	0.33	0.25	0.15	
2	0.10	0.28	0.20	0.80	0.53	0.89	1.25	0.89	0.49	0.33	0.25	0.13	
3	0.10	0.20	0.18	0.76	0.49	0.80	1.25	0.89	0.49	0.30	0.25	0.13	
4	0.09	0.23	0.20	0.71	0.53	3.09	0.89	0.80	0.49	0.30	0.25	0.13	
5	0.09	0.71	0.20	4.96	0.58	1.80	4.32	0.80	0.49	0.30	0.25	0.13	
6	0.10	3.35	0.20	3.09	0.53	1.25	1.61	0.76	0.44	0.30	0.25	0.13	
7	0.15	1.07	0.20	2.00	0.58	1.25	1.25	0.76	0.44	0.30	0.25	0.13	
8	0.10	0.58	0.25	1.25	0.58	1.07	1.16	0.76	0.44	0.30	0.25	0.13	
9	0.25	0.44	0.23	1.25	19.75	0.89	0.98	0.71	0.44	0.30	0.23	0.13	
10	0.15	0.35	0.25	0.80	4.00	1.07	8.40	0.71	0.40	0.30	0.23	0.15	
11	0.13	1.34	0.18	0.71	3.22	0.98	7.50	0.67	0.40	0.30	0.23	0.15	
12	0.10	0.58	0.15	0.71	2.40	0.98	4.96	0.67	0.40	0.30	0.23	0.15	
13	0.10	0.53	0.18	0.67	2.00	1.07	5.98	0.71	0.40	0.30	0.15	0.15	
14	0.10	0.49	0.20	0.76	1.70	1.16	4.16	0.71	0.40	0.30	0.30	0.15	
15	0.13	4.64	0.18	0.80	1.43	0.89	5.12	0.67	0.40	0.30	0.20	0.13	
16	0.15	0.98	0.20	0.71	1.25	0.80	2.83	0.67	0.40	0.30	0.18	0.13	
17	0.13	0.71	0.20	0.67	1.80	1.52	2.40	0.62	0.40	0.30	0.18	0.13	
18	0.10	0.53	0.18	0.58	1.61	1.07	2.10	0.58	0.40	0.28	0.18	0.13	
19	0.10	0.58	0.76	0.53	1.25	0.89	1.90	0.62	0.40	0.28	0.18	0.10	
20	0.09	0.40	0.28	0.53	1.34	1.43	1.80	0.62	0.40	0.28	0.15	0.10	
21	0.13	0.35	0.23	0.62	1.61	2.83	1.52	0.58	0.40	0.28	0.15	0.13	
22	0.10	0.33	0.25	1.25	1.25	1.80	1.43	0.58	0.35	0.28	0.15	0.13	
23	0.10	0.40	0.20	1.25	1.52	1.52	1.43	0.58	0.35	0.28	0.13	0.13	
24	0.09	0.53	0.25	1.52	1.25	1.34	1.34	0.58	0.35	0.28	0.13	0.13	
25	0.15	0.49	0.58	0.80	1.07	1.25	1.25	0.53	0.35	0.28	0.13	0.33	
26	0.10	0.33	0.30	0.89	0.98	1.07	1.25	0.53	0.35	0.28	0.13	0.33	
27	0.10	0.30	1.80	0.67	0.80	1.07	1.16	0.53	0.33	0.28	0.13	0.23	
28	0.30	0.28	1.90	0.62	0.76	1.07	1.07	0.49	0.33	0.28	0.13	0.18	
29	0.25	0.25	1.61	0.58	0.71	0.98	1.07	0.49	0.33	0.28	0.15	0.23	
30	0.30	0.20	3.35	0.53	1.70	0.89	0.98	0.49	0.33	0.28		0.20	
31		0.20		0.53	1.61		0.89		0.33	0.25		0.53	
Total	3.98	21.95	15.09	33.07	59.36	37.88	74.05	19.89	12.41	9.05	5.67	5.21	297.61 CMSDAY
Mean	0.13	0.71	0.50	1.07	1.91	1.26	2.39	0.66	0.40	0.29	0.20	0.17	0.81 CMS
Max	0.30	4.64	3.35	4.96	19.75	3.09	8.40	0.89	0.49	0.33	0.30	0.53	19.75 CMS
Min	0.09	0.20	0.15	0.53	0.49	0.80	0.80	0.49	0.33	0.25	0.13	0.10	0.09 CMS
Runoff	0.34	1.90	1.30	2.86	5.13	3.27	6.40	1.72	1.07	0.78	0.49	0.45	25.71 MCM
Momentary Peak	38.42 CMS. at 83.58 m. (MSL.) at 16.00 Hours , on Oct 10 , 2007												
Runoff Yield	15.96 Liters/Second/Square KM.			Momentary Peak Yield			751.86 Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Diso at Ban Hin Laem , Kanchanaburi (K.50)

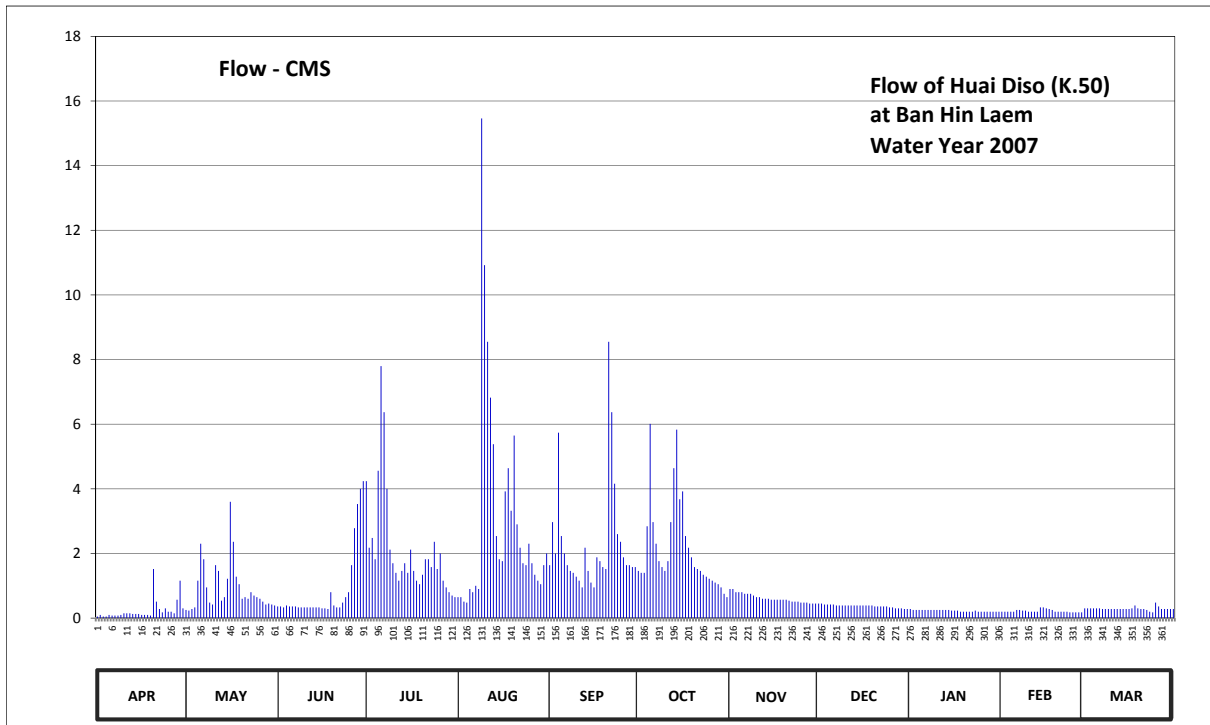
Lat 14 - 38 - 39 N Long 98 - 42 - 04 E

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	Fairly stable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 38 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	80.40	80.48	80.52	81.18	80.61	80.79	80.76	80.66	80.55	80.49	80.46	80.50	
2	80.42	80.47	80.52	80.88	80.61	81.01	80.75	80.66	80.55	80.48	80.46	80.50	
3	80.40	80.49	80.51	80.93	80.57	80.85	80.75	80.64	80.54	80.48	80.46	80.50	
4	80.40	80.51	80.53	80.82	80.56	81.36	80.99	80.64	80.54	80.48	80.46	80.50	
5	80.42	80.71	80.52	81.22	80.66	80.94	81.39	80.64	80.54	80.48	80.46	80.50	
6	80.41	80.90	80.52	81.58	80.64	80.85	81.01	80.63	80.54	80.48	80.48	80.50	
7	80.41	80.82	80.52	81.43	80.68	80.79	80.90	80.63	80.53	80.48	80.48	80.49	
8	80.41	80.67	80.51	81.15	80.66	80.76	80.81	80.63	80.53	80.48	80.47	80.49	
9	80.42	80.56	80.51	80.87	82.22	80.75	80.78	80.62	80.53	80.48	80.47	80.49	
10	80.44	80.54	80.51	80.80	81.86	80.73	80.76	80.61	80.53	80.48	80.46	80.49	
11	80.44	80.79	80.51	80.75	81.65	80.71	80.81	80.61	80.53	80.48	80.46	80.49	
12	80.44	80.76	80.51	80.71	81.48	80.67	81.01	80.60	80.53	80.48	80.46	80.49	
13	80.43	80.58	80.51	80.76	81.32	80.88	81.23	80.60	80.53	80.48	80.46	80.49	
14	80.43	80.61	80.51	80.80	80.94	80.76	81.37	80.60	80.53	80.48	80.51	80.49	
15	80.43	80.72	80.51	80.75	80.82	80.70	81.11	80.59	80.53	80.47	80.51	80.49	
16	80.42	81.10	80.50	80.87	80.81	80.67	81.14	80.59	80.53	80.47	80.50	80.49	
17	80.42	80.91	80.50	80.76	81.14	80.83	80.94	80.59	80.53	80.47	80.49	80.50	
18	80.42	80.73	80.49	80.71	81.23	80.81	80.88	80.59	80.53	80.46	80.48	80.53	
19	80.41	80.69	80.64	80.69	81.06	80.78	80.83	80.59	80.53	80.46	80.46	80.50	
20	80.77	80.60	80.53	80.74	81.35	80.77	80.78	80.59	80.52	80.46	80.46	80.49	
21	80.57	80.61	80.51	80.82	81.00	81.65	80.77	80.58	80.52	80.46	80.46	80.49	
22	80.49	80.60	80.51	80.82	80.88	81.43	80.76	80.57	80.52	80.46	80.46	80.48	
23	80.45	80.64	80.56	80.78	80.80	81.17	80.74	80.57	80.52	80.47	80.46	80.46	
24	80.50	80.62	80.61	80.91	80.79	80.95	80.73	80.57	80.52	80.46	80.45	80.45	
25	80.46	80.61	80.64	80.77	80.90	80.91	80.72	80.56	80.51	80.46	80.45	80.56	
26	80.46	80.60	80.79	80.85	80.80	80.83	80.71	80.56	80.51	80.46	80.45	80.52	
27	80.44	80.57	80.98	80.71	80.74	80.79	80.70	80.56	80.50	80.46	80.45	80.49	
28	80.59	80.54	81.09	80.67	80.71	80.79	80.69	80.55	80.50	80.46	80.45	80.49	
29	80.71	80.55	81.15	80.64	80.69	80.78	80.67	80.55	80.50	80.46	80.45	80.49	
30	80.50	80.54	81.18	80.62	80.79	80.78	80.63	80.55	80.49	80.46	80.46	80.49	
31		80.53		80.61	80.85		80.61		80.49	80.46		80.49	
Mean	80.46	80.65	80.61	80.86	80.96	80.88	80.86	80.60	80.52	80.47	80.47	80.49	
Max	80.77	81.10	81.18	81.58	82.22	81.65	81.39	80.66	80.55	80.49	80.51	80.56	82.22
Min	80.40	80.47	80.49	80.61	80.56	80.67	80.61	80.55	80.49	80.46	80.45	80.45	80.40
Annual Max Momentary Gage Height	82.57		m. (MSL.) ,				at 18.00 Hours ,						
Zero Gage at Bottom Elevation	79.81		m. (MSL.) ,			River Bed	80.10		m. (MSL.)				
Left Bank Elevation		84.86		m. (MSL.) ,									
Right Bank Elevation		84.94		m. (MSL.) ,		Drainage Are	123		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	0.25	0.36	4.24	0.65	1.64	1.46	0.90	0.45	0.28	0.20	0.30	
2	0.10	0.23	0.36	2.18	0.65	2.97	1.40	0.90	0.45	0.25	0.20	0.30	
3	0.05	0.28	0.33	2.48	0.51	2.00	1.40	0.80	0.42	0.25	0.20	0.30	
4	0.05	0.33	0.39	1.82	0.48	5.74	2.84	0.80	0.42	0.25	0.20	0.30	
5	0.10	1.16	0.36	4.56	0.90	2.54	6.01	0.80	0.42	0.25	0.20	0.30	
6	0.08	2.30	0.36	7.80	0.80	2.00	2.97	0.75	0.42	0.25	0.25	0.30	
7	0.08	1.82	0.36	6.37	1.00	1.64	2.30	0.75	0.39	0.25	0.25	0.28	
8	0.08	0.95	0.33	4.00	0.90	1.46	1.76	0.75	0.39	0.25	0.23	0.28	
9	0.10	0.48	0.33	2.12	15.46	1.40	1.58	0.70	0.39	0.25	0.23	0.28	
10	0.15	0.42	0.33	1.70	10.92	1.28	1.46	0.65	0.39	0.25	0.20	0.28	
11	0.15	1.64	0.33	1.40	8.55	1.16	1.76	0.65	0.39	0.25	0.20	0.28	
12	0.15	1.46	0.33	1.16	6.82	0.95	2.97	0.60	0.39	0.25	0.20	0.28	
13	0.13	0.54	0.33	1.46	5.38	2.18	4.64	0.60	0.39	0.25	0.20	0.28	
14	0.13	0.65	0.33	1.70	2.54	1.46	5.83	0.60	0.39	0.25	0.33	0.28	
15	0.13	1.22	0.33	1.40	1.82	1.10	3.68	0.57	0.39	0.23	0.33	0.28	
16	0.10	3.60	0.30	2.12	1.76	0.95	3.92	0.57	0.39	0.23	0.30	0.28	
17	0.10	2.36	0.30	1.46	3.92	1.88	2.54	0.57	0.39	0.23	0.28	0.30	
18	0.10	1.28	0.28	1.16	4.64	1.76	2.18	0.57	0.39	0.20	0.25	0.39	
19	0.08	1.05	0.80	1.05	3.32	1.58	1.88	0.57	0.39	0.20	0.20	0.30	
20	1.52	0.60	0.39	1.34	5.65	1.52	1.58	0.57	0.36	0.20	0.20	0.28	
21	0.51	0.65	0.33	1.82	2.90	8.55	1.52	0.54	0.36	0.20	0.20	0.28	
22	0.28	0.60	0.33	1.82	2.18	6.37	1.46	0.51	0.36	0.20	0.20	0.25	
23	0.18	0.80	0.48	1.58	1.70	4.16	1.34	0.51	0.36	0.23	0.20	0.20	
24	0.30	0.70	0.65	2.36	1.64	2.60	1.28	0.51	0.36	0.20	0.18	0.18	
25	0.20	0.65	0.80	1.52	2.30	2.36	1.22	0.48	0.33	0.20	0.18	0.48	
26	0.20	0.60	1.64	2.00	1.70	1.88	1.16	0.48	0.33	0.20	0.18	0.36	
27	0.15	0.51	2.78	1.16	1.34	1.64	1.10	0.48	0.30	0.20	0.18	0.28	
28	0.57	0.42	3.53	0.95	1.16	1.64	1.05	0.45	0.30	0.20	0.18	0.28	
29	1.16	0.45	4.00	0.80	1.05	1.58	0.95	0.45	0.30	0.20	0.18	0.28	
30	0.30	0.42	4.24	0.70	1.64	1.58	0.75	0.45	0.28	0.20		0.28	
31		0.39		0.65	2.00		0.65		0.28	0.20		0.28	
Total	7.28	28.81	26.01	66.88	96.28	69.57	66.64	18.53	11.57	7.05	6.33	9.02	413.97 CMSDAY
Mean	0.24	0.93	0.87	2.16	3.11	2.32	2.15	0.62	0.37	0.23	0.22	0.29	1.13 CMS
Max	1.52	3.60	4.24	7.80	15.46	8.55	6.01	0.90	0.45	0.28	0.33	0.48	15.46 CMS
Min	0.05	0.23	0.28	0.65	0.48	0.95	0.65	0.45	0.28	0.20	0.18	0.18	0.05 CMS
Runoff	0.63	2.49	2.25	5.78	8.32	6.01	5.76	1.60	1.00	0.61	0.55	0.78	35.77 MCM
Momentary Peak	20.45	CMS. at 82.57 m. (MSL.) at 18.00 Hours , on Aug 9 , 2007											
Runoff Yield	9.22	Liters/Second/Square KM. Momentary Peak Yield 166.26 Liters/Second/Square KM.											

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Mae Kraban at Ban Si Mong Khon, Kanchanaburi (K.53)

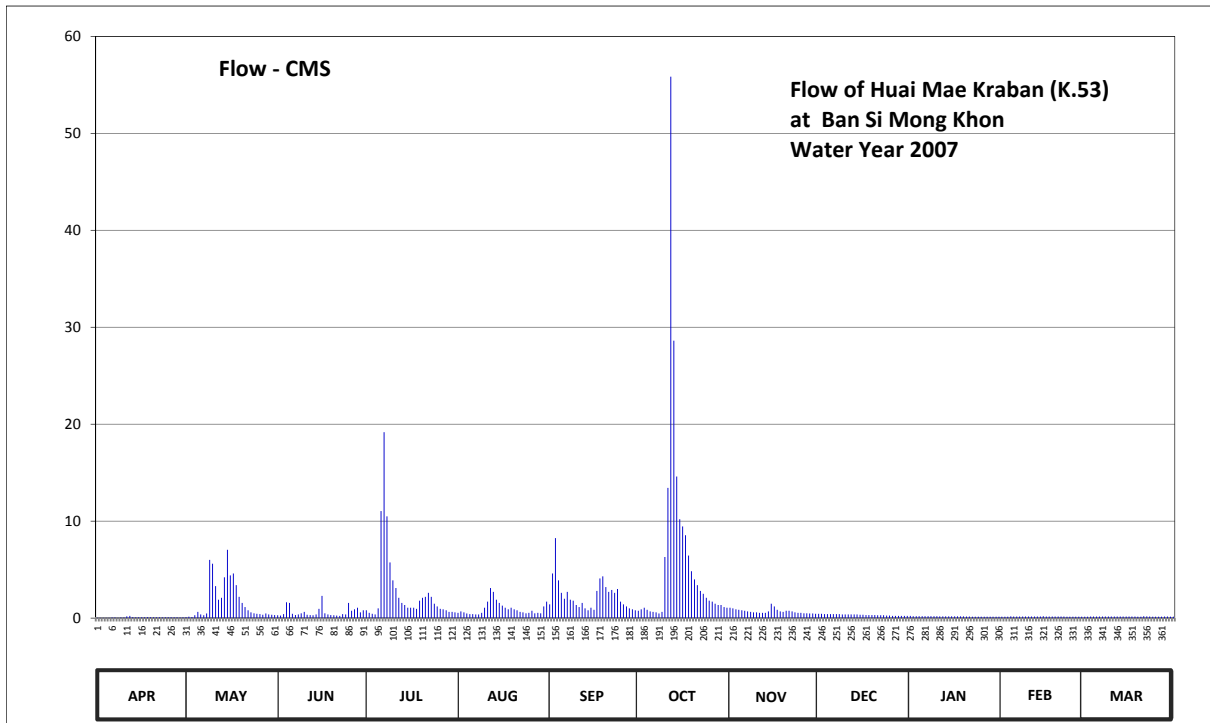
Lat 14 - 01 - 38 N Long 99 - 13 - 23 E

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	Staff gage.		
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	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	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	Fairly stable by some scouring.		
Overbank Flow Conditions	Overbank flow starts at elevation +39.720 m.(MSL.) and is including overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	36.02	36.05	36.13	36.26	36.21	36.36	36.25	36.31	36.18	36.11	36.07	36.07	
2	36.02	36.07	36.12	36.21	36.24	36.69	36.28	36.30	36.18	36.10	36.07	36.07	
3	36.02	36.06	36.17	36.18	36.22	36.95	36.31	36.28	36.17	36.10	36.07	36.08	
4	36.02	36.13	36.39	36.16	36.19	36.62	36.27	36.27	36.17	36.10	36.09	36.08	
5	36.02	36.23	36.38	36.30	36.17	36.49	36.24	36.26	36.17	36.10	36.08	36.08	
6	36.03	36.16	36.18	37.13	36.17	36.43	36.23	36.25	36.17	36.10	36.08	36.08	
7	36.03	36.13	36.14	37.54	36.16	36.50	36.22	36.24	36.17	36.10	36.08	36.08	
8	36.02	36.19	36.16	37.10	36.16	36.42	36.19	36.23	36.17	36.10	36.08	36.08	
9	36.03	36.80	36.20	36.78	36.21	36.41	36.23	36.22	36.16	36.10	36.08	36.08	
10	36.03	36.77	36.23	36.62	36.31	36.35	36.82	36.22	36.16	36.10	36.08	36.08	
11	36.09	36.56	36.15	36.54	36.40	36.32	37.26	36.21	36.16	36.09	36.08	36.08	
12	36.11	36.42	36.14	36.44	36.54	36.38	38.81	36.21	36.16	36.09	36.08	36.08	
13	36.05	36.44	36.13	36.38	36.50	36.30	37.93	36.21	36.16	36.09	36.08	36.08	
14	36.04	36.65	36.16	36.35	36.42	36.26	37.32	36.24	36.16	36.09	36.08	36.08	
15	36.04	36.87	36.29	36.31	36.38	36.31	37.08	36.37	36.15	36.09	36.10	36.08	
16	36.04	36.67	36.46	36.31	36.34	36.27	37.03	36.33	36.15	36.09	36.08	36.08	
17	36.04	36.69	36.20	36.31	36.31	36.51	36.97	36.27	36.14	36.09	36.08	36.08	
18	36.05	36.57	36.16	36.29	36.28	36.64	36.83	36.24	36.14	36.09	36.08	36.08	
19	36.04	36.45	36.14	36.41	36.31	36.66	36.71	36.23	36.14	36.09	36.08	36.07	
20	36.04	36.38	36.13	36.44	36.28	36.55	36.63	36.25	36.14	36.08	36.08	36.07	
21	36.04	36.32	36.12	36.45	36.26	36.50	36.57	36.25	36.13	36.08	36.08	36.10	
22	36.04	36.26	36.11	36.49	36.23	36.52	36.51	36.24	36.13	36.07	36.08	36.09	
23	36.04	36.22	36.17	36.45	36.22	36.49	36.48	36.22	36.13	36.07	36.07	36.08	
24	36.04	36.20	36.16	36.37	36.20	36.53	36.44	36.21	36.12	36.07	36.07	36.07	
25	36.04	36.18	36.38	36.33	36.21	36.40	36.41	36.21	36.12	36.07	36.07	36.07	
26	36.04	36.17	36.25	36.29	36.25	36.36	36.40	36.20	36.11	36.07	36.07	36.07	
27	36.04	36.15	36.28	36.28	36.20	36.33	36.37	36.20	36.11	36.07	36.07	36.07	
28	36.04	36.19	36.31	36.26	36.21	36.30	36.35	36.19	36.11	36.07	36.07	36.08	
29	36.03	36.16	36.22	36.23	36.20	36.28	36.35	36.19	36.11	36.07	36.07	36.08	
30	36.04	36.15	36.26	36.23	36.33	36.26	36.32	36.18	36.11	36.07	36.07	36.07	
31		36.14		36.22	36.40		36.31		36.11	36.07		36.07	
Mean	36.04	36.34	36.21	36.44	36.27	36.45	36.65	36.24	36.14	36.09	36.08	36.08	
Max	36.11	36.87	36.46	37.54	36.54	36.95	38.81	36.37	36.18	36.11	36.10	36.10	38.81
Min	36.02	36.05	36.11	36.16	36.16	36.26	36.19	36.18	36.11	36.07	36.07	36.07	36.02
Annual Max Momentary Gage Height	39.90		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	34.63		m. (MSL.) ,			River Bed	36.00		m. (MSL.)				
Left Bank Elevation		39.92		m. (MSL.) ,									
Right Bank Elevation		39.84		m. (MSL.) ,		Drainage Are	308		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.10	0.29	0.80	0.55	1.42	0.75	1.07	0.44	0.23	0.14	0.14	
2	0.04	0.14	0.26	0.55	0.70	4.60	0.90	1.00	0.44	0.20	0.14	0.14	
3	0.04	0.12	0.41	0.44	0.60	8.25	1.07	0.90	0.41	0.20	0.14	0.16	
4	0.04	0.29	1.63	0.38	0.47	3.90	0.85	0.85	0.41	0.20	0.18	0.16	
5	0.04	0.65	1.56	1.00	0.41	2.60	0.70	0.80	0.41	0.20	0.16	0.16	
6	0.06	0.38	0.44	11.04	0.41	2.00	0.65	0.75	0.41	0.20	0.16	0.16	
7	0.06	0.29	0.32	19.18	0.38	2.70	0.60	0.70	0.41	0.20	0.16	0.16	
8	0.04	0.47	0.38	10.50	0.38	1.90	0.47	0.65	0.41	0.20	0.16	0.16	
9	0.06	6.00	0.50	5.74	0.55	1.80	0.65	0.60	0.38	0.20	0.16	0.16	
10	0.06	5.61	0.65	3.90	1.07	1.35	6.30	0.60	0.38	0.20	0.16	0.16	
11	0.18	3.30	0.35	3.10	1.70	1.14	13.44	0.55	0.38	0.18	0.16	0.16	
12	0.23	1.90	0.32	2.10	3.10	1.56	55.85	0.55	0.38	0.18	0.16	0.16	
13	0.10	2.10	0.29	1.56	2.70	1.00	28.61	0.55	0.38	0.18	0.16	0.16	
14	0.08	4.20	0.38	1.35	1.90	0.80	14.60	0.70	0.38	0.18	0.16	0.16	
15	0.08	7.05	0.95	1.07	1.56	1.07	10.20	1.49	0.35	0.18	0.20	0.16	
16	0.08	4.40	2.30	1.07	1.28	0.85	9.45	1.21	0.35	0.18	0.16	0.16	
17	0.08	4.60	0.50	1.07	1.07	2.80	8.55	0.85	0.32	0.18	0.16	0.16	
18	0.10	3.40	0.38	0.95	0.90	4.10	6.45	0.70	0.32	0.18	0.16	0.16	
19	0.08	2.20	0.32	1.80	1.07	4.30	4.83	0.65	0.32	0.18	0.16	0.14	
20	0.08	1.56	0.29	2.10	0.90	3.20	4.00	0.75	0.32	0.16	0.16	0.14	
21	0.08	1.14	0.26	2.20	0.80	2.70	3.40	0.75	0.29	0.16	0.16	0.20	
22	0.08	0.80	0.23	2.60	0.65	2.90	2.80	0.70	0.29	0.14	0.16	0.18	
23	0.08	0.60	0.41	2.20	0.60	2.60	2.50	0.60	0.29	0.14	0.14	0.16	
24	0.08	0.50	0.38	1.49	0.50	3.00	2.10	0.55	0.26	0.14	0.14	0.14	
25	0.08	0.44	1.56	1.21	0.55	1.70	1.80	0.55	0.26	0.14	0.14	0.14	
26	0.08	0.41	0.75	0.95	0.75	1.42	1.70	0.50	0.23	0.14	0.14	0.14	
27	0.08	0.35	0.90	0.90	0.50	1.21	1.49	0.50	0.23	0.14	0.14	0.14	
28	0.08	0.47	1.07	0.80	0.55	1.00	1.35	0.47	0.23	0.14	0.14	0.16	
29	0.06	0.38	0.60	0.65	0.50	0.90	1.35	0.47	0.23	0.14	0.14	0.16	
30	0.08	0.35	0.80	0.65	1.21	0.80	1.14	0.44	0.23	0.14		0.14	
31		0.32		0.60	1.70		1.07		0.23	0.14		0.14	
Total	2.35	54.52	19.48	83.95	30.01	69.57	189.62	21.45	10.37	5.37	4.50	4.82	496.01 CMSDAY
Mean	0.08	1.76	0.65	2.71	0.97	2.32	6.12	0.72	0.33	0.17	0.16	0.16	1.36 CMS
Max	0.23	7.05	2.30	19.18	3.10	8.25	55.85	1.49	0.44	0.23	0.20	0.20	55.85 CMS
Min	0.04	0.10	0.23	0.38	0.38	0.80	0.47	0.44	0.23	0.14	0.14	0.14	0.04 CMS
Runoff	0.20	4.71	1.68	7.25	2.59	6.01	16.38	1.85	0.90	0.46	0.39	0.42	42.86 MCM
Momentary Peak	99.20 CMS. at 39.90 m. (MSL.) at 09.00 Hours , on Oct 12 , 2007												
Runoff Yield	4.41	Liters/Second/Square KM.		Momentary Peak Yield		322.08	Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Khwaee Noi River at Ban Lin Thin , Kanchanaburi (K.54)

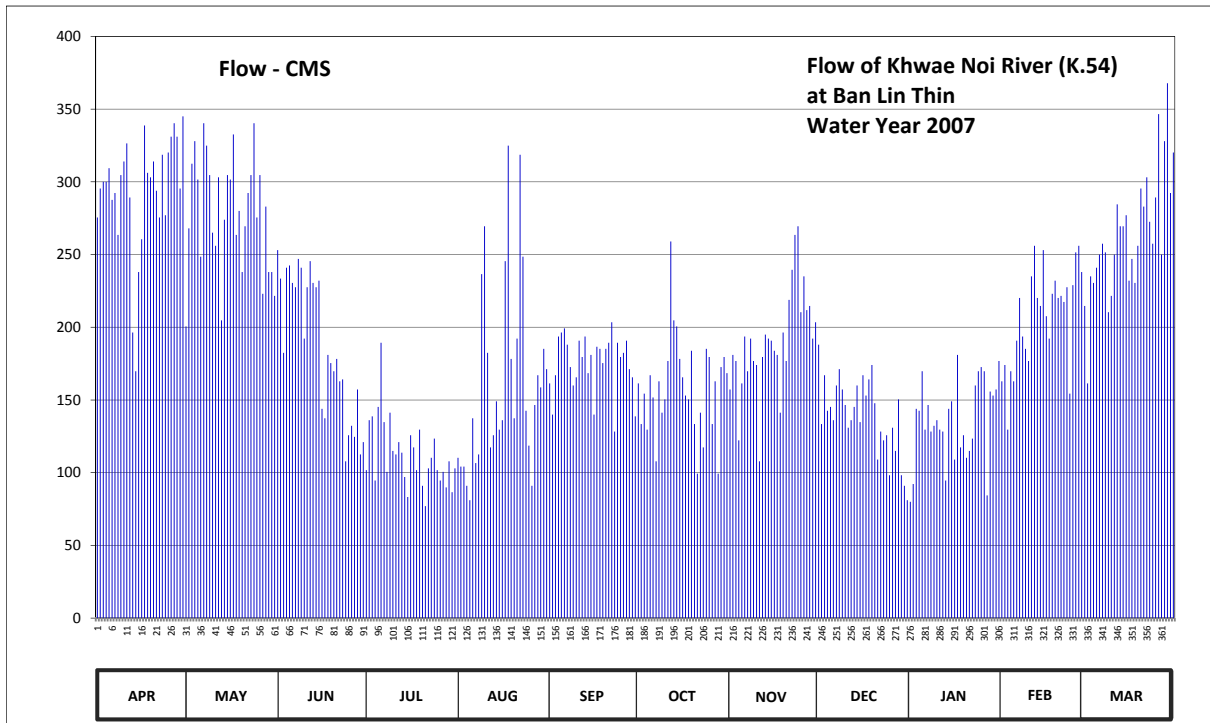
Lat 14 - 32 - 04 N Long 98 - 47 - 30 E

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 27 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	63.95	63.44	63.80	62.69	62.76	63.16	63.16	63.13	63.35	62.50	63.17	63.54	
2	64.08	63.90	63.67	62.97	62.71	63.00	62.95	63.30	62.95	62.61	63.25	63.16	
3	64.11	64.19	63.31	62.99	62.71	63.20	63.11	63.27	63.20	63.03	62.92	63.68	
4	64.11	64.29	63.72	62.63	62.60	63.39	62.92	62.86	63.02	63.02	63.22	63.65	
5	64.17	64.12	63.73	63.04	62.51	63.41	63.20	63.16	63.04	63.22	63.17	63.72	
6	64.03	63.77	63.65	63.36	62.98	63.43	63.09	63.39	62.97	62.92	63.37	63.78	
7	64.06	64.37	63.63	62.96	62.73	63.35	62.74	63.22	63.15	63.05	63.58	63.83	
8	63.87	64.27	63.76	62.68	62.78	63.24	63.17	63.38	63.23	62.91	63.39	63.79	
9	64.14	64.14	63.72	63.01	63.69	63.15	63.01	63.27	63.13	62.94	63.33	63.51	
10	64.20	63.88	63.38	62.80	63.91	63.19	63.08	63.25	63.05	62.97	63.27	63.59	
11	64.28	63.82	63.63	62.78	63.31	63.37	63.27	62.74	62.93	62.92	63.68	63.78	
12	64.04	64.13	63.75	62.85	62.82	63.29	63.84	63.29	62.97	62.91	63.82	64.01	
13	63.41	63.47	63.65	62.79	62.89	63.39	63.47	63.40	63.04	62.63	63.58	63.91	
14	63.22	63.94	63.63	62.65	63.07	63.21	63.44	63.38	63.15	63.03	63.54	63.91	
15	63.70	64.14	63.66	62.53	62.92	63.30	63.28	63.37	62.96	63.07	63.80	63.96	
16	63.85	64.12	63.03	62.89	62.97	63.00	63.19	63.32	63.20	62.75	63.49	63.66	
17	64.36	64.32	62.98	62.82	63.75	63.34	63.10	63.30	63.10	63.30	63.38	63.76	
18	64.15	63.87	63.30	62.69	64.27	63.33	63.08	63.01	63.18	62.82	63.60	63.65	
19	64.13	63.98	63.26	62.92	63.28	63.26	63.32	63.41	63.25	62.89	63.66	63.82	
20	64.20	63.70	63.22	62.60	62.98	63.33	62.95	63.27	63.06	62.76	63.58	64.08	
21	64.07	63.91	63.28	62.47	63.38	63.36	62.67	63.57	62.75	62.80	63.59	64.00	
22	63.95	64.06	63.17	62.70	64.23	63.46	63.01	63.71	62.91	62.87	63.56	64.13	
23	64.23	64.14	63.18	62.76	63.77	62.91	62.82	63.87	62.86	63.15	63.63	63.93	
24	63.96	64.37	62.74	62.87	63.02	63.36	63.33	63.91	62.89	63.22	63.11	63.83	
25	64.24	63.95	62.89	62.69	62.83	63.29	63.29	63.51	62.66	63.24	63.64	64.04	
26	64.31	64.14	62.94	62.63	62.60	63.31	62.95	63.68	62.93	63.22	63.79	64.41	
27	64.37	63.60	62.88	62.68	63.05	63.37	63.17	63.52	62.80	62.54	63.82	63.78	
28	64.31	64.00	63.13	62.59	63.20	63.23	62.67	63.54	63.08	63.12	63.70	64.29	
29	64.08	63.70	62.78	62.74	63.14	63.19	63.24	63.38	62.66	63.10	63.71	64.54	
30	64.40	63.70	62.85	62.56	63.33	62.99	63.29	63.46	62.60	63.13		64.06	
31		63.59		62.70	63.23		63.21		62.51	63.27		64.24	
Mean	64.07	63.97	63.34	62.78	63.14	63.26	63.13	63.36	62.99	62.96	63.49	63.87	
Max	64.40	64.37	63.80	63.36	64.27	63.46	63.84	63.91	63.35	63.30	63.82	64.54	64.54
Min	63.22	63.44	62.74	62.47	62.51	62.91	62.67	62.74	62.51	62.50	62.92	63.16	62.47
Annual Max Momentary Gage Height	65.40		m. (MSL.) ,				at 01.00 Hours ,						
Zero Gage at Bottom Elevation	60.54		m. (MSL.) ,			River Bed	60.36	m. (MSL.)					
Left Bank Elevation	67.65		m. (MSL.) ,										
Right Bank Elevation	70.53		m. (MSL.) ,			Drainage Are	4,774	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	275.50	200.60	253.00	101.80	110.20	161.40	161.40	157.20	188.00	80.00	162.80	214.60		
2	295.40	268.00	233.50	136.10	104.20	140.00	133.50	181.00	133.50	92.20	174.00	161.40		
3	300.05	312.45	182.40	138.70	104.20	167.00	154.40	176.80	167.00	143.90	129.60	235.00		
4	300.05	327.95	241.00	94.60	91.00	193.60	129.60	122.20	142.60	142.60	169.80	230.50		
5	309.35	301.60	242.50	145.20	81.10	196.40	167.00	161.40	145.20	169.80	162.80	241.00		
6	287.65	248.50	230.50	189.40	137.40	199.20	151.70	193.60	136.10	129.60	190.80	250.00		
7	292.30	340.35	227.50	134.80	106.60	188.00	107.80	169.80	160.00	146.50	220.20	257.50		
8	263.50	324.85	247.00	100.60	112.60	172.60	162.80	192.20	171.20	128.30	193.60	251.50		
9	304.70	304.70	241.00	141.30	236.50	160.00	141.30	176.80	157.20	132.20	185.20	210.40		
10	314.00	265.00	192.20	115.00	269.50	165.60	150.40	174.00	146.50	136.10	176.80	221.60		
11	326.40	256.00	227.50	112.60	182.40	190.80	176.80	107.80	130.90	129.60	235.00	250.00		
12	289.20	303.15	245.50	121.00	117.40	179.60	259.00	179.60	136.10	128.30	256.00	284.55		
13	196.40	204.80	230.50	113.80	125.80	193.60	204.80	195.00	145.20	94.60	220.20	269.50		
14	169.80	274.00	227.50	97.00	149.10	168.40	200.60	192.20	160.00	143.90	214.60	269.50		
15	238.00	304.70	232.00	83.30	129.60	181.00	178.20	190.80	134.80	149.10	253.00	277.00		
16	260.50	301.60	143.90	125.80	136.10	140.00	165.60	183.80	167.00	109.00	207.60	232.00		
17	338.80	332.60	137.40	117.40	245.50	186.60	153.00	181.00	153.00	181.00	192.20	247.00		
18	306.25	263.50	181.00	101.80	324.85	185.20	150.40	141.30	164.20	117.40	223.00	230.50		
19	303.15	280.00	175.40	129.60	178.20	175.40	183.80	196.40	174.00	125.80	232.00	256.00		
20	314.00	238.00	169.80	91.00	137.40	185.20	133.50	176.80	147.80	110.20	220.20	295.40		
21	293.85	269.50	178.20	77.05	192.20	189.40	99.40	218.80	109.00	115.00	221.60	283.00		
22	275.50	292.30	162.80	103.00	318.65	203.40	141.30	239.50	128.30	123.40	217.40	303.15		
23	318.65	304.70	164.20	110.20	248.50	128.30	117.40	263.50	122.20	160.00	227.50	272.50		
24	277.00	340.35	107.80	123.40	142.60	189.40	185.20	269.50	125.80	169.80	154.40	257.50		
25	320.20	275.50	125.80	101.80	118.60	179.60	179.60	210.40	98.20	172.60	229.00	289.20		
26	331.05	304.70	132.20	94.60	91.00	182.40	133.50	235.00	130.90	169.80	251.50	346.60		
27	340.35	223.00	124.60	100.60	146.50	190.80	162.80	211.80	115.00	84.40	256.00	250.00		
28	331.05	283.00	157.20	89.90	167.00	171.20	99.40	214.60	150.40	155.80	238.00	327.95		
29	295.40	238.00	112.60	107.80	158.60	165.60	172.60	192.20	98.20	153.00	239.50	367.80		
30	345.00	238.00	121.00	86.60	185.20	138.70	179.60	203.40	91.00	157.20		292.30		
31		221.60		103.00	171.20		168.40		81.10	176.80		320.20		
Total	8813.05	8643.00	5647.50	3488.75	5019.70	5268.40	4904.80	5708.40	4310.40	4227.90	6054.30	8195.15	70281.35	CMSDAY
Mean	293.77	278.81	188.25	112.54	161.93	175.61	158.22	190.28	139.05	136.38	208.77	264.36	192.03	CMS
Max	345.00	340.35	253.00	189.40	324.85	203.40	259.00	269.50	188.00	181.00	256.00	367.80	367.80	CMS
Min	169.80	200.60	107.80	77.05	81.10	128.30	99.40	107.80	81.10	80.00	129.60	161.40	77.05	CMS
Runoff	761.45	746.76	487.94	301.43	433.70	455.19	423.77	493.21	372.42	365.29	523.09	708.06	6072.31	MCM
Momentary Peak	690.00 CMS. at 65.40 m. (MSL.) at 01.00 Hours , on May 8 , 2007													
Runoff Yield	40.33 Liters/Second/Square KM.			Momentary Peak Yield				144.53 Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Huai Kui Mang at Ban Kui Mang , Kanchanaburi (K.60)

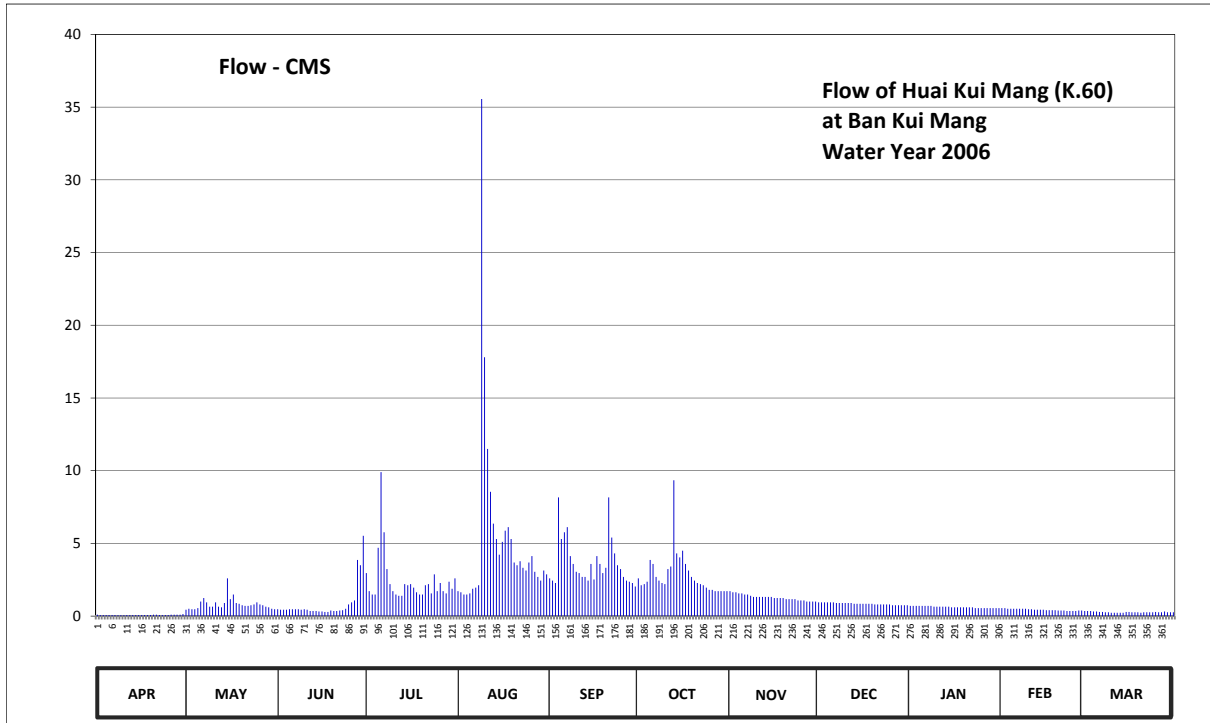
Lat 14 - 37 - 32 N Long 98 - 43 - 50 E

Location : on right bank at the bridge on road.

	Ban	Kui Mang	Amphoe	Thong Pha Phum	Changwat	Kanchanaburi
Drainage Area	128	sq.km.				
Type of Gage	Staff gage					
Zero Gage at Bottom	+73.675	m. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 15 meters from the top staff gage.				Elevation	+82.022 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	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.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 38 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	74.35	74.48	74.49	74.84	74.69	74.80	74.80	74.69	74.59	74.54	74.51	74.45	
2	74.34	74.50	74.48	74.69	74.68	74.78	74.74	74.68	74.59	74.54	74.51	74.45	
3	74.34	74.49	74.48	74.66	74.66	74.76	74.75	74.68	74.59	74.54	74.50	74.45	
4	74.34	74.49	74.48	74.66	74.66	75.32	74.77	74.67	74.59	74.54	74.50	74.44	
5	74.34	74.51	74.49	75.03	74.67	75.09	74.94	74.67	74.59	74.54	74.50	74.44	
6	74.34	74.60	74.49	75.45	74.71	75.13	74.91	74.66	74.59	74.54	74.50	74.43	
7	74.34	74.63	74.49	75.13	74.72	75.16	74.81	74.66	74.58	74.54	74.50	74.43	
8	74.33	74.59	74.49	74.87	74.74	74.97	74.78	74.65	74.58	74.54	74.50	74.42	
9	74.33	74.53	74.48	74.75	76.72	74.91	74.76	74.64	74.58	74.53	74.50	74.42	
10	74.33	74.53	74.49	74.69	75.93	74.85	74.75	74.64	74.58	74.53	74.49	74.41	
11	74.34	74.59	74.48	74.66	75.56	74.84	74.87	74.64	74.58	74.53	74.49	74.41	
12	74.34	74.53	74.45	74.65	75.35	74.81	74.89	74.64	74.58	74.53	74.48	74.41	
13	74.34	74.52	74.45	74.65	75.18	74.81	75.41	74.64	74.57	74.53	74.48	74.41	
14	74.34	74.58	74.45	74.75	75.09	74.78	74.99	74.64	74.57	74.53	74.48	74.41	
15	74.34	74.80	74.44	74.74	74.98	74.91	74.96	74.64	74.57	74.52	74.48	74.43	
16	74.34	74.62	74.44	74.75	75.07	74.79	75.01	74.63	74.57	74.52	74.47	74.43	
17	74.34	74.66	74.43	74.72	75.14	74.97	74.91	74.63	74.57	74.52	74.47	74.42	
18	74.34	74.58	74.43	74.68	75.16	74.91	74.86	74.63	74.57	74.52	74.47	74.42	
19	74.34	74.57	74.46	74.66	75.09	74.84	74.81	74.63	74.57	74.52	74.47	74.42	
20	74.35	74.55	74.45	74.66	74.92	74.88	74.78	74.62	74.56	74.52	74.46	74.41	
21	74.35	74.54	74.45	74.74	74.90	75.32	74.76	74.62	74.56	74.52	74.46	74.42	
22	74.34	74.54	74.46	74.75	74.93	75.10	74.75	74.62	74.56	74.52	74.46	74.42	
23	74.34	74.55	74.47	74.67	74.88	74.99	74.74	74.62	74.56	74.51	74.45	74.42	
24	74.34	74.56	74.50	74.83	74.86	74.90	74.72	74.61	74.56	74.51	74.45	74.42	
25	74.34	74.59	74.56	74.69	74.92	74.87	74.70	74.61	74.56	74.51	74.45	74.43	
26	74.35	74.56	74.59	74.76	74.97	74.81	74.70	74.61	74.55	74.51	74.45	74.42	
27	74.35	74.55	74.61	74.69	74.85	74.78	74.69	74.60	74.55	74.51	74.46	74.42	
28	74.35	74.53	74.94	74.67	74.81	74.77	74.69	74.60	74.55	74.51	74.46	74.44	
29	74.35	74.52	74.90	74.77	74.78	74.76	74.69	74.60	74.55	74.51	74.46	74.42	
30	74.37	74.50	75.11	74.71	74.86	74.73	74.69	74.60	74.55	74.51	74.45	74.42	
31		74.49		74.80	74.83		74.69		74.55	74.51		74.42	
Mean	74.34	74.56	74.53	74.77	75.01	74.91	74.82	74.64	74.57	74.52	74.48	74.42	
Max	74.37	74.80	75.11	75.45	76.72	75.32	75.41	74.69	74.59	74.54	74.51	74.45	76.72
Min	74.33	74.48	74.43	74.65	74.66	74.73	74.69	74.60	74.55	74.51	74.45	74.41	74.33
Annual Max Momentary Gage Height	78.05		m. (MSL.) ,				at 15.00 Hours , on Aug 9 , 2007						
Zero Gage at Bottom Elevation	73.68		m. (MSL.) ,			River Bed	73.31	m. (MSL.)					
Left Bank Elevation	81.95		m. (MSL.) ,										
Right Bank Elevation	82.11		m. (MSL.) ,			Drainage Are	128	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.44	0.47	2.96	1.72	2.60	2.60	1.72	0.95	0.70	0.55	0.35	
2	0.08	0.50	0.44	1.72	1.64	2.44	2.12	1.64	0.95	0.70	0.55	0.35	
3	0.08	0.47	0.44	1.48	1.48	2.28	2.20	1.64	0.95	0.70	0.50	0.35	
4	0.08	0.47	0.44	1.48	1.48	8.16	2.36	1.56	0.95	0.70	0.50	0.32	
5	0.08	0.55	0.47	4.70	1.56	5.30	3.86	1.56	0.95	0.70	0.50	0.32	
6	0.08	1.00	0.47	9.90	1.88	5.76	3.59	1.48	0.95	0.70	0.50	0.29	
7	0.08	1.24	0.47	5.76	1.96	6.12	2.69	1.48	0.90	0.70	0.50	0.29	
8	0.06	0.95	0.47	3.23	2.12	4.13	2.44	1.40	0.90	0.70	0.50	0.26	
9	0.06	0.65	0.44	2.20	35.56	3.59	2.28	1.32	0.90	0.65	0.50	0.26	
10	0.06	0.65	0.47	1.72	17.80	3.05	2.20	1.32	0.90	0.65	0.47	0.23	
11	0.08	0.95	0.44	1.48	11.50	2.96	3.23	1.32	0.90	0.65	0.47	0.23	
12	0.08	0.65	0.35	1.40	8.55	2.69	3.41	1.32	0.90	0.65	0.44	0.23	
13	0.08	0.60	0.35	1.40	6.36	2.69	9.34	1.32	0.85	0.65	0.44	0.23	
14	0.08	0.90	0.35	2.20	5.30	2.44	4.31	1.32	0.85	0.65	0.44	0.23	
15	0.08	2.60	0.32	2.12	4.22	3.59	4.04	1.32	0.85	0.60	0.44	0.29	
16	0.08	1.16	0.32	2.20	5.10	2.52	4.50	1.24	0.85	0.60	0.41	0.29	
17	0.08	1.48	0.29	1.96	5.88	4.13	3.59	1.24	0.85	0.60	0.41	0.26	
18	0.08	0.90	0.29	1.64	6.12	3.59	3.14	1.24	0.85	0.60	0.41	0.26	
19	0.08	0.85	0.38	1.48	5.30	2.96	2.69	1.24	0.85	0.60	0.41	0.26	
20	0.10	0.75	0.35	1.48	3.68	3.32	2.44	1.16	0.80	0.60	0.38	0.23	
21	0.10	0.70	0.35	2.12	3.50	8.16	2.28	1.16	0.80	0.60	0.38	0.26	
22	0.08	0.70	0.38	2.20	3.77	5.40	2.20	1.16	0.80	0.60	0.38	0.26	
23	0.08	0.75	0.41	1.56	3.32	4.31	2.12	1.16	0.80	0.55	0.35	0.26	
24	0.08	0.80	0.50	2.87	3.14	3.50	1.96	1.08	0.80	0.55	0.35	0.26	
25	0.08	0.95	0.80	1.72	3.68	3.23	1.80	1.08	0.80	0.55	0.35	0.29	
26	0.10	0.80	0.95	2.28	4.13	2.69	1.80	1.08	0.75	0.55	0.35	0.26	
27	0.10	0.75	1.08	1.72	3.05	2.44	1.72	1.00	0.75	0.55	0.38	0.26	
28	0.10	0.65	3.86	1.56	2.69	2.36	1.72	1.00	0.75	0.55	0.38	0.32	
29	0.10	0.60	3.50	2.36	2.44	2.28	1.72	1.00	0.75	0.55	0.38	0.26	
30	0.14	0.50	5.52	1.88	3.14	2.04	1.72	1.00	0.75	0.55		0.26	
31		0.47		2.60	2.87		1.72		0.75	0.55		0.26	
Total	2.54	25.43	25.37	75.38	164.94	110.73	87.79	38.56	26.35	19.25	12.62	8.48	597.44 CMSDAY
Mean	0.08	0.82	0.85	2.43	5.32	3.69	2.83	1.29	0.85	0.62	0.44	0.27	1.63 CMS
Max	0.14	2.60	5.52	9.90	35.56	8.16	9.34	1.72	0.95	0.70	0.55	0.35	35.56 CMS
Min	0.06	0.44	0.29	1.40	1.48	2.04	1.72	1.00	0.75	0.55	0.35	0.23	0.06 CMS
Runoff	0.22	2.20	2.19	6.51	14.25	9.57	7.59	3.33	2.28	1.66	1.09	0.73	51.62 MCM
Momentary Peak	77.25	CMS. at 78.05 m. (MSL.) at 15.00 Hours , on Aug 9 , 2007											
Runoff Yield	12.75	Liters/Second/Square KM. Momentary Peak Yield 601.82 Liters/Second/Square KM.											

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Lam Phachi at A. Chom Bung, Ratchaburi (K.61)

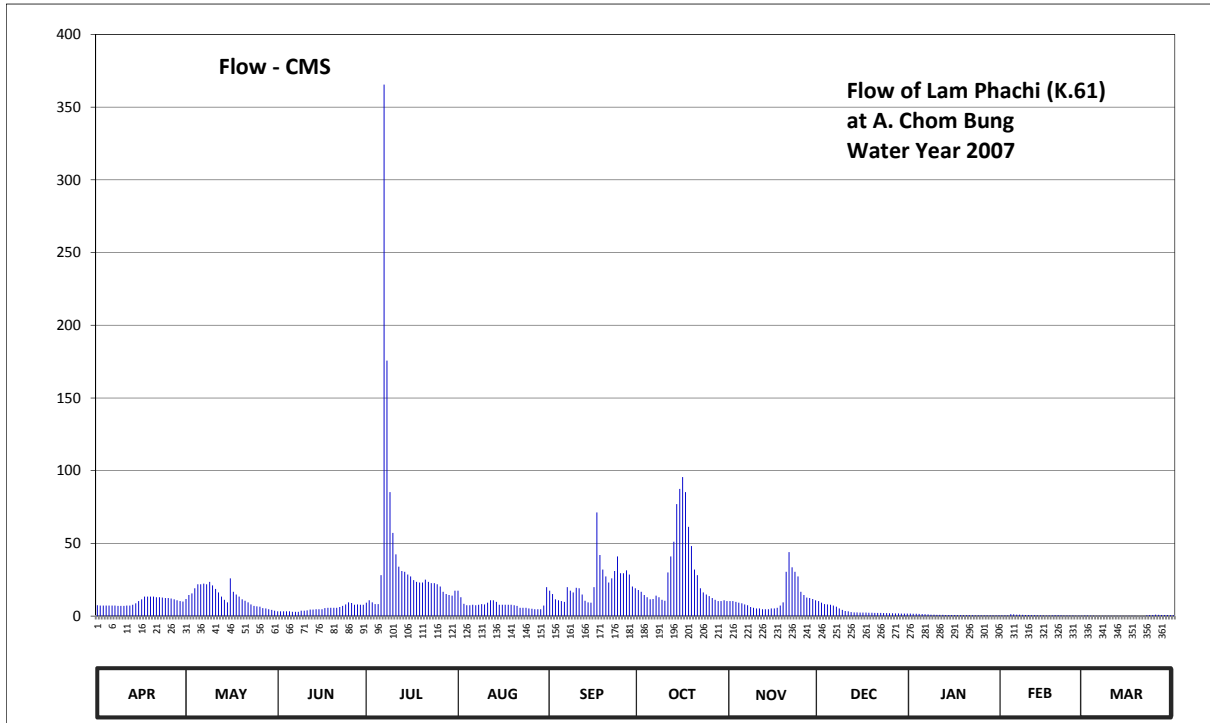
Lat 13 - 41 - 28 N Long 99 - 27 - 08 E

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	Rather unstable with variable water surface slope.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	65.20	65.36	65.03	65.27	65.52	65.52	65.53	65.31	65.31	64.93	64.76	64.73	
2	65.19	65.44	65.03	65.33	65.40	65.46	65.50	65.31	65.27	64.91	64.76	64.73	
3	65.19	65.47	65.03	65.28	65.24	65.35	65.44	65.29	65.23	64.91	64.76	64.72	
4	65.19	65.56	65.03	65.23	65.20	65.33	65.40	65.27	65.22	64.90	64.87	64.72	
5	65.19	65.63	65.03	65.23	65.20	65.31	65.35	65.25	65.21	64.89	64.85	64.71	
6	65.19	65.63	65.02	65.78	65.21	65.29	65.36	65.22	65.19	64.88	64.83	64.71	
7	65.19	65.64	65.02	69.05	65.20	65.58	65.43	65.20	65.16	64.86	64.82	64.71	
8	65.18	65.63	65.02	67.65	65.21	65.52	65.40	65.15	65.11	64.83	64.81	64.71	
9	65.18	65.67	65.05	66.73	65.23	65.49	65.34	65.13	65.07	64.82	64.80	64.71	
10	65.18	65.61	65.05	66.32	65.22	65.57	65.32	65.11	65.04	64.81	64.79	64.70	
11	65.19	65.55	65.06	66.07	65.27	65.56	65.82	65.11	65.03	64.81	64.78	64.69	
12	65.19	65.49	65.08	65.90	65.33	65.45	66.04	65.09	65.01	64.81	64.77	64.69	
13	65.21	65.41	65.08	65.84	65.33	65.32	66.22	65.09	65.00	64.80	64.76	64.69	
14	65.25	65.34	65.09	65.83	65.29	65.28	66.62	65.09	65.00	64.80	64.75	64.69	
15	65.31	65.28	65.09	65.79	65.21	65.27	66.76	65.11	64.99	64.79	64.75	64.69	
16	65.35	65.73	65.09	65.76	65.21	65.58	66.86	65.11	64.99	64.79	64.74	64.68	
17	65.41	65.50	65.12	65.70	65.21	66.54	66.73	65.13	64.99	64.78	64.74	64.68	
18	65.41	65.45	65.13	65.67	65.21	66.06	66.39	65.19	64.98	64.78	64.76	64.68	
19	65.41	65.41	65.13	65.66	65.21	65.86	66.17	65.28	64.98	64.78	64.77	64.67	
20	65.41	65.35	65.13	65.66	65.20	65.76	65.86	65.83	64.97	64.77	64.78	64.67	
21	65.40	65.32	65.13	65.71	65.18	65.66	65.78	66.10	64.97	64.77	64.75	64.67	
22	65.40	65.28	65.15	65.67	65.13	65.73	65.56	65.89	64.97	64.77	64.73	64.75	
23	65.39	65.22	65.18	65.65	65.13	65.84	65.49	65.83	64.96	64.76	64.73	64.79	
24	65.38	65.18	65.22	65.65	65.13	66.04	65.45	65.76	64.96	64.76	64.73	64.80	
25	65.38	65.17	65.28	65.63	65.11	65.81	65.42	65.50	64.95	64.76	64.73	64.83	
26	65.37	65.16	65.26	65.59	65.10	65.81	65.38	65.44	64.95	64.76	64.72	64.81	
27	65.35	65.12	65.21	65.50	65.09	65.85	65.34	65.39	64.94	64.76	64.72	64.79	
28	65.33	65.11	65.22	65.46	65.09	65.79	65.31	65.38	64.94	64.76	64.72	64.79	
29	65.31	65.09	65.21	65.44	65.09	65.59	65.31	65.36	64.93	64.76	64.72	64.79	
30	65.30	65.07	65.21	65.43	65.19	65.56	65.33	65.33	64.93	64.76	64.76	64.78	
31		65.05		65.52	65.58		65.31		64.92	64.76		64.78	
Mean	65.29	65.38	65.11	65.84	65.22	65.63	65.72	65.34	65.04	64.81	64.77	64.73	
Max	65.41	65.73	65.28	69.05	65.58	66.54	66.86	66.10	65.31	64.93	64.87	64.83	69.05
Min	65.18	65.05	65.02	65.23	65.09	65.27	65.31	65.09	64.92	64.76	64.72	64.67	64.67
Annual Max Momentary Gage Height	69.11		m. (MSL.) ,										
Zero Gage at Bottom Elevation		64.63		m. (MSL.) ,		River Bed	64.57		m. (MSL.)				
Left Bank Elevation		69.85		m. (MSL.) ,									
Right Bank Elevation		70.69		m. (MSL.) ,		Drainage Are	1,844		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.50	11.80	3.25	9.25	17.50	17.50	17.90	10.30	10.30	1.80	0.56	0.38	
2	7.25	14.48	3.25	10.90	13.00	15.22	16.70	10.30	9.25	1.60	0.56	0.38	
3	7.25	15.59	3.25	9.50	8.50	11.50	14.48	9.75	8.25	1.60	0.56	0.32	
4	7.25	19.10	3.25	8.25	7.50	10.90	13.00	9.25	8.00	1.50	1.29	0.32	
5	7.25	21.90	3.25	8.25	7.50	10.30	11.50	8.75	7.75	1.43	1.15	0.26	
6	7.25	21.90	3.00	28.14	7.75	9.75	11.80	8.00	7.25	1.36	1.01	0.26	
7	7.25	22.30	3.00	365.50	7.50	19.90	14.11	7.50	6.50	1.22	0.94	0.26	
8	7.00	21.90	3.00	175.75	7.75	17.50	13.00	6.25	5.25	1.01	0.87	0.26	
9	7.00	23.50	3.75	85.25	8.25	16.33	11.20	5.75	4.25	0.94	0.80	0.26	
10	7.00	21.10	3.75	57.20	8.00	19.50	10.60	5.25	3.50	0.87	0.74	0.20	
11	7.25	18.70	4.00	42.50	9.25	19.10	30.00	5.25	3.25	0.87	0.68	0.18	
12	7.25	16.33	4.50	34.00	10.90	14.85	41.00	4.75	2.75	0.87	0.62	0.18	
13	7.75	13.37	4.50	31.00	10.90	10.60	51.20	4.75	2.50	0.80	0.56	0.18	
14	8.75	11.20	4.75	30.50	9.75	9.50	77.00	4.75	2.50	0.80	0.50	0.18	
15	10.30	9.50	4.75	28.57	7.75	9.25	87.50	5.25	2.40	0.74	0.50	0.18	
16	11.50	25.99	4.75	27.28	7.75	19.90	95.60	5.25	2.40	0.74	0.44	0.16	
17	13.37	16.70	5.50	24.70	7.75	71.30	85.25	5.75	2.40	0.68	0.44	0.16	
18	13.37	14.85	5.75	23.50	7.75	42.00	61.40	7.25	2.30	0.68	0.56	0.16	
19	13.37	13.37	5.75	23.10	7.75	32.00	48.20	9.50	2.30	0.68	0.62	0.14	
20	13.37	11.50	5.75	23.10	7.50	27.28	32.00	30.50	2.20	0.62	0.68	0.14	
21	13.00	10.60	5.75	25.13	7.00	23.10	28.14	44.00	2.20	0.62	0.50	0.14	
22	13.00	9.50	6.25	23.50	5.75	25.99	19.10	33.50	2.20	0.62	0.38	0.50	
23	12.70	8.00	7.00	22.70	5.75	31.00	16.33	30.50	2.10	0.56	0.38	0.74	
24	12.40	7.00	8.00	22.70	5.75	41.00	14.85	27.28	2.10	0.56	0.38	0.80	
25	12.40	6.75	9.50	21.90	5.25	29.50	13.74	16.70	2.00	0.56	0.38	1.01	
26	12.10	6.50	9.00	20.30	5.00	29.50	12.40	14.48	2.00	0.56	0.32	0.87	
27	11.50	5.50	7.75	16.70	4.75	31.50	11.20	12.70	1.90	0.56	0.32	0.74	
28	10.90	5.25	8.00	15.22	4.75	28.57	10.30	12.40	1.90	0.56	0.32	0.74	
29	10.30	4.75	7.75	14.48	4.75	20.30	10.30	11.80	1.80	0.56	0.32	0.74	
30	10.00	4.25	7.75	14.11	7.25	19.10	10.90	10.90	1.80	0.56		0.68	
31		3.75		17.50	19.90		10.30		1.70	0.56		0.68	
Total	296.58	416.93	159.50	1260.48	256.20	683.74	901.00	378.36	117.00	27.09	17.38	12.20	4526.46 CMSDAY
Mean	9.89	13.45	5.32	40.66	8.26	22.79	29.06	12.61	3.77	0.87	0.60	0.39	12.37 CMS
Max	13.37	25.99	9.50	365.50	19.90	71.30	95.60	44.00	10.30	1.80	1.29	1.01	365.50 CMS
Min	7.00	3.75	3.00	8.25	4.75	9.25	10.30	4.75	1.70	0.56	0.32	0.14	0.14 CMS
Runoff	25.62	36.02	13.78	108.91	22.14	59.08	77.85	32.69	10.11	2.34	1.50	1.05	391.09 MCM
Momentary Peak	374.50 CMS. at 69.11 m. (MSL.) at 09.00 Hours , on Jul 7 , 2007												
Runoff Yield	6.73 Liters/Second/Square KM.			Momentary Peak Yield			203.09 Liters/Second/Square KM.						

WATER YEAR : 2007

MAE KLONG RIVER BASIN

Lam Phachi at Ban Nong Phai , Kanchanaburi (K.62)

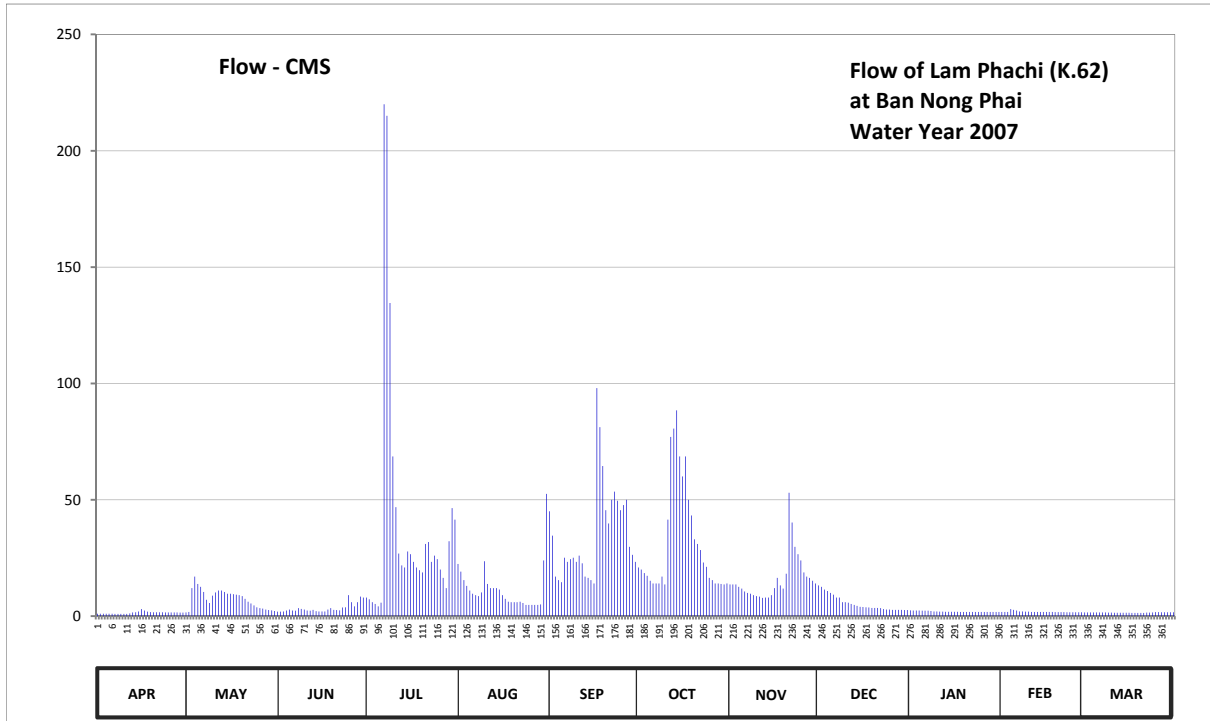
Lat 13 - 46 - 52 N Long 99 - 25 - 15 E

Location : on left bank at Ban Nong Phai.

	Ban Nong Phai	Amphoe Dan Makham Tia	Changwat Kanchanaburi
Drainage Area	1,725 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+49.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.	Elevation	+56.000 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	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	Overbank flow starts at elevation +53.250 m.(MSL.), records are channel flow only.		
General Description	Records good. Stage-discharge relation defined by 39 discharge measurements made in 2007		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	49.30	49.47	49.58	50.00	50.58	51.19	50.53	50.28	50.26	49.65	49.53	49.48	
2	49.30	49.53	49.58	49.96	50.47	50.94	50.50	50.28	50.23	49.64	49.53	49.48	
3	49.30	50.20	49.60	49.90	50.35	50.40	50.45	50.28	50.17	49.64	49.53	49.48	
4	49.30	50.40	49.64	49.86	50.25	50.35	50.41	50.23	50.14	49.64	49.70	49.48	
5	49.30	50.29	49.68	49.81	50.15	50.32	50.34	50.19	50.10	49.63	49.67	49.47	
6	49.30	50.23	49.64	49.89	50.08	50.67	50.30	50.13	50.06	49.63	49.64	49.47	
7	49.29	50.12	49.63	53.64	50.05	50.61	50.30	50.10	50.00	49.63	49.60	49.47	
8	49.29	49.95	49.74	53.59	50.03	50.65	50.30	50.08	50.00	49.62	49.60	49.47	
9	49.29	49.88	49.71	52.67	50.11	50.67	50.40	50.05	49.90	49.60	49.58	49.46	
10	49.28	50.04	49.68	51.66	50.62	50.61	50.28	50.03	49.90	49.60	49.57	49.45	
11	49.28	50.11	49.64	51.23	50.29	50.70	51.11	50.02	49.89	49.58	49.54	49.44	
12	49.34	50.15	49.63	50.73	50.20	50.59	51.80	49.99	49.86	49.57	49.54	49.44	
13	49.47	50.15	49.67	50.56	50.20	50.40	51.86	50.00	49.84	49.56	49.53	49.43	
14	49.50	50.12	49.61	50.53	50.20	50.38	51.99	50.00	49.82	49.56	49.53	49.43	
15	49.60	50.08	49.60	50.76	50.17	50.35	51.66	50.05	49.80	49.55	49.53	49.43	
16	49.70	50.08	49.60	50.72	50.05	50.30	51.50	50.20	49.79	49.55	49.53	49.43	
17	49.64	50.07	49.60	50.61	49.97	52.15	51.66	50.38	49.78	49.55	49.53	49.42	
18	49.58	50.06	49.68	50.53	49.91	51.87	51.30	50.26	49.77	49.54	49.53	49.42	
19	49.51	50.05	49.74	50.49	49.90	51.59	51.15	50.19	49.75	49.54	49.52	49.42	
20	49.50	50.03	49.67	50.46	49.90	51.20	50.90	50.44	49.75	49.54	49.52	49.42	
21	49.50	49.97	49.66	50.85	49.90	51.07	50.85	51.36	49.75	49.54	49.51	49.42	
22	49.50	49.91	49.65	50.87	49.91	51.30	50.78	51.08	49.74	49.53	49.52	49.45	
23	49.50	49.87	49.77	50.61	49.88	51.37	50.60	50.82	49.70	49.53	49.50	49.46	
24	49.48	49.83	49.78	50.70	49.84	51.29	50.54	50.72	49.68	49.53	49.50	49.47	
25	49.48	49.78	50.05	50.65	49.84	51.20	50.38	50.63	49.68	49.53	49.50	49.51	
26	49.48	49.74	49.90	50.50	49.84	51.25	50.35	50.46	49.67	49.53	49.50	49.51	
27	49.47	49.72	49.81	50.38	49.84	51.30	50.30	50.40	49.67	49.53	49.49	49.49	
28	49.47	49.68	49.90	50.20	49.84	50.82	50.30	50.38	49.67	49.53	49.49	49.49	
29	49.46	49.66	50.02	50.88	49.85	50.71	50.29	50.34	49.67	49.53	49.48	49.49	
30	49.46	49.65	50.00	51.22	50.63	50.61	50.28	50.30	49.66	49.53	49.48	49.49	
31		49.62		51.11	51.35		50.30		49.66	49.53		49.49	
Mean	49.43	49.95	49.72	50.82	50.14	50.90	50.76	50.32	49.85	49.57	49.54	49.46	
Max	49.70	50.40	50.05	53.64	51.35	52.15	51.99	51.36	50.26	49.65	49.70	49.51	53.64
Min	49.28	49.47	49.58	49.81	49.84	50.30	50.28	49.99	49.66	49.53	49.48	49.42	49.28
Annual Max Momentary Gage Height	54.08		m. (MSL.) ,				at 17.00 Hours ,						
Zero Gage at Bottom Elevation	49.00		m. (MSL.) ,			River Bed	49.23	m. (MSL)					
Left Bank Elevation		53.24		m. (MSL.) ,									
Right Bank Elevation		53.69		m. (MSL.) ,		Drainage Are	1,725	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.00	1.57	1.93	8.00	22.40	45.05	20.90	13.60	13.20	2.50	1.77	1.60	
2	1.00	1.77	1.93	7.20	19.10	34.60	20.00	13.60	12.60	2.40	1.77	1.60	
3	1.00	12.00	2.00	6.00	15.50	17.00	18.50	13.60	11.40	2.40	1.77	1.60	
4	1.00	17.00	2.40	5.20	13.00	15.50	17.30	12.60	10.80	2.40	3.00	1.60	
5	1.00	13.80	2.80	4.20	11.00	14.60	15.20	11.80	10.00	2.30	2.70	1.57	
6	1.00	12.60	2.40	5.80	9.60	25.10	14.00	10.60	9.20	2.30	2.40	1.57	
7	0.97	10.40	2.30	220.00	9.00	23.30	14.00	10.00	8.00	2.30	2.00	1.57	
8	0.97	7.00	3.40	215.00	8.60	24.50	14.00	9.60	8.00	2.20	2.00	1.57	
9	0.97	5.60	3.10	134.60	10.20	25.10	17.00	9.00	6.00	2.00	1.93	1.53	
10	0.93	8.80	2.80	68.60	23.60	23.30	13.60	8.60	6.00	2.00	1.90	1.50	
11	0.93	10.20	2.40	46.85	13.80	26.00	41.45	8.40	5.80	1.93	1.80	1.47	
12	1.13	11.00	2.30	26.90	12.00	22.70	77.00	7.80	5.20	1.90	1.80	1.47	
13	1.57	11.00	2.70	21.80	12.00	17.00	80.60	8.00	4.80	1.87	1.77	1.43	
14	1.67	10.40	2.10	20.90	12.00	16.40	88.40	8.00	4.40	1.87	1.77	1.43	
15	2.00	9.60	2.00	27.80	11.40	15.50	68.60	9.00	4.00	1.83	1.77	1.43	
16	3.00	9.60	2.00	26.60	9.00	14.00	60.00	12.00	3.90	1.83	1.77	1.43	
17	2.40	9.40	2.00	23.30	7.40	98.00	68.60	16.40	3.80	1.83	1.77	1.40	
18	1.93	9.20	2.80	20.90	6.20	81.20	50.00	13.20	3.70	1.80	1.77	1.40	
19	1.70	9.00	3.40	19.70	6.00	64.50	43.25	11.80	3.50	1.80	1.73	1.40	
20	1.67	8.60	2.70	18.80	6.00	45.50	33.00	18.20	3.50	1.80	1.73	1.40	
21	1.67	7.40	2.60	31.00	6.00	39.80	31.00	53.00	3.50	1.80	1.70	1.40	
22	1.67	6.20	2.50	31.80	6.20	50.00	28.40	40.20	3.40	1.77	1.73	1.50	
23	1.67	5.40	3.70	23.30	5.60	53.50	23.00	29.80	3.00	1.77	1.67	1.53	
24	1.60	4.60	3.80	26.00	4.80	49.55	21.20	26.60	2.80	1.77	1.67	1.57	
25	1.60	3.80	9.00	24.50	4.80	45.50	16.40	23.90	2.80	1.77	1.67	1.70	
26	1.60	3.40	6.00	20.00	4.80	47.75	15.50	18.80	2.70	1.77	1.67	1.70	
27	1.57	3.20	4.20	16.40	4.80	50.00	14.00	17.00	2.70	1.77	1.63	1.63	
28	1.57	2.80	6.00	12.00	4.80	29.80	14.00	16.40	2.70	1.77	1.63	1.63	
29	1.53	2.60	8.40	32.20	5.00	26.30	13.80	15.20	2.70	1.77	1.60	1.63	
30	1.53	2.50	8.00	46.40	23.90	23.30	13.60	14.00	2.60	1.77		1.63	
31		2.20		41.45	52.50		14.00		2.60	1.77		1.63	
Total	43.85	232.64	103.66	1233.20	361.00	1064.35	980.30	480.70	169.30	60.76	53.89	47.52	4831.17 CMSDAY
Mean	1.46	7.50	3.46	39.78	11.65	35.48	31.62	16.02	5.46	1.96	1.86	1.53	13.20 CMS
Max	3.00	17.00	9.00	220.00	52.50	98.00	88.40	53.00	13.20	2.50	3.00	1.70	220.00 CMS
Min	0.93	1.57	1.93	4.20	4.80	14.00	13.60	7.80	2.60	1.77	1.60	1.40	0.93 CMS
Runoff	3.79	20.10	8.96	106.55	31.19	91.96	84.70	41.53	14.63	5.25	4.66	4.11	417.41 MCM
Momentary Peak	266.80 CMS. at 54.08 m. (MSL.) at 17.00 Hours , on Jul 7 , 2007												
Runoff Yield	7.67 Liters/Second/Square KM.			Momentary Peak Yield			154.67 Liters/Second/Square KM.						

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Prachin Buri River at Ban Kabin Buri , Prachin Buri (Kgt.3)

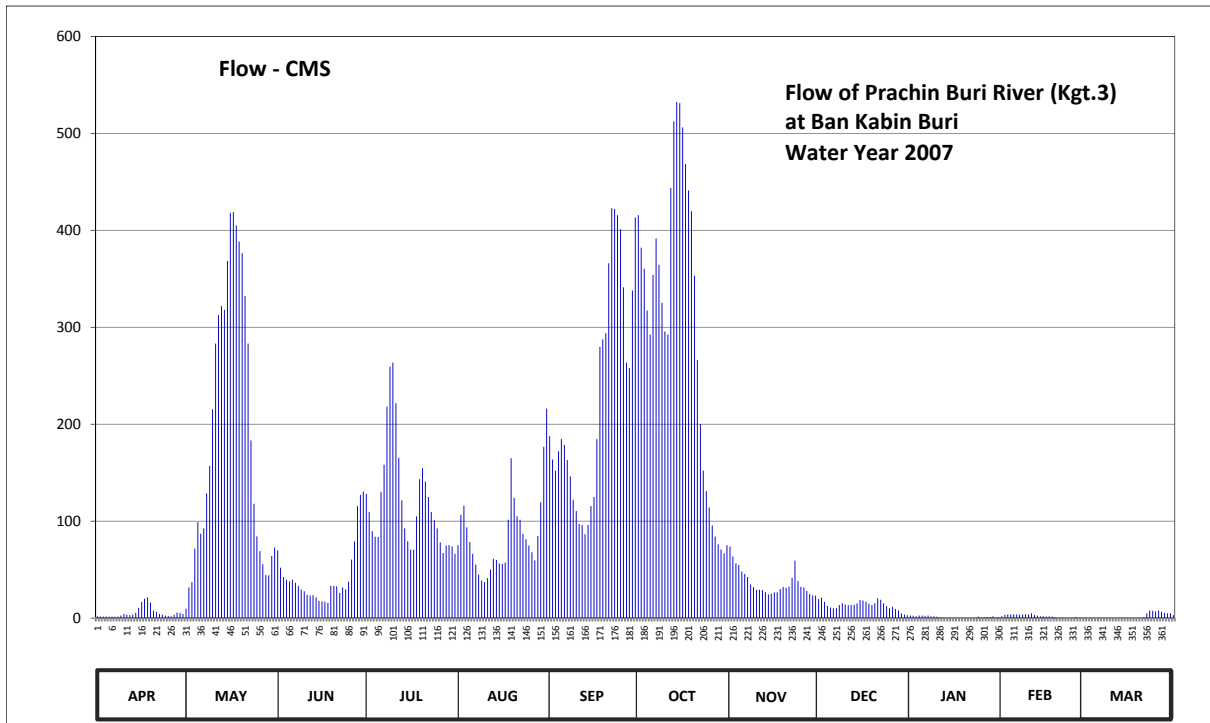
Lat 13 - 59 - 00 N Long 101 - 42 - 26 E

Location : on left bank in front of Amphoe Kabin Buri Office and about 500 meters downstream from the confluence of Lam Phra Prong.

	Ban Kabin Buri	Amphoe Kabin Buri	Changwat Prachin Buri
Drainage Area	7,425 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 5 meters from the top staff gage.	Elevation	+11.410 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	1941 to date		
Rating Operation			
Period of Rating	1941 - 1943 , 1945, 1964 to date		
Rated by Flot	-		
Rated by Current Meter	1941 - 1943 , 1945, 1964 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 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.39	2.10	3.34	2.23	4.36	7.42	2.20	0.72	0.13	0.10	0.00	
2	0.08	1.12	1.65	2.97	2.91	3.96	7.00	1.94	0.77	0.12	0.17	0.00	
3	0.08	1.28	1.41	2.57	3.10	3.77	6.73	1.76	0.63	0.09	0.19	0.02	
4	0.08	2.14	1.34	2.45	2.65	4.10	6.19	1.72	0.49	0.13	0.18	0.00	
5	0.07	2.76	1.30	2.44	2.31	4.31	5.88	1.55	0.43	0.13	0.20	0.00	
6	0.07	2.52	1.34	3.38	2.01	4.21	6.65	1.49	0.41	0.12	0.19	0.00	
7	0.07	2.63	1.26	3.87	1.73	3.95	7.12	1.41	0.41	0.13	0.18	0.00	
8	0.07	3.35	1.17	4.83	1.47	3.67	6.78	1.22	0.52	0.09	0.19	0.00	
9	0.13	3.85	1.05	5.42	1.32	3.22	6.29	1.13	0.58	0.09	0.20	0.00	
10	0.21	4.79	0.99	5.48	1.28	2.99	5.92	1.04	0.54	0.07	0.19	0.00	
11	0.18	5.76	0.87	4.88	1.38	2.72	5.88	1.04	0.51	0.03	0.23	0.00	
12	0.16	6.13	0.84	3.99	1.60	2.70	7.77	1.03	0.52	0.01	0.16	0.00	
13	0.18	6.25	0.86	3.21	1.88	2.51	8.56	0.96	0.53	0.00	0.12	0.00	
14	0.25	6.20	0.78	2.63	1.85	2.70	8.78	0.88	0.57	0.00	0.09	0.00	
15	0.42	6.83	0.66	2.33	1.76	3.09	8.77	0.91	0.69	0.00	0.10	0.00	
16	0.62	7.45	0.64	2.11	1.75	3.28	8.49	0.95	0.67	0.00	0.08	0.00	
17	0.73	7.46	0.63	2.11	1.78	4.31	8.07	0.95	0.63	0.00	0.09	0.00	
18	0.78	7.29	0.59	2.88	2.81	5.71	7.74	1.07	0.56	0.00	0.08	0.00	
19	0.60	7.08	1.18	3.62	3.98	5.82	7.47	1.14	0.52	0.00	0.05	0.00	
20	0.32	6.93	1.17	3.81	3.26	5.90	6.64	1.11	0.58	0.00	0.00	0.00	
21	0.28	6.38	1.16	3.58	2.88	6.80	5.52	1.15	0.75	0.00	0.01	0.05	
22	0.21	5.76	0.93	3.28	2.81	7.51	4.57	1.39	0.70	0.00	0.02	0.23	
23	0.18	4.29	1.12	2.97	2.52	7.50	3.77	1.83	0.57	0.00	0.00	0.33	
24	0.13	3.14	1.05	2.80	2.38	7.42	3.40	1.31	0.48	0.07	0.00	0.32	
25	0.11	2.46	1.29	2.63	2.22	7.24	3.06	1.14	0.41	0.03	0.01	0.30	
26	0.09	2.08	1.86	2.30	2.05	6.49	2.69	1.12	0.45	0.04	0.06	0.33	
27	0.17	1.74	2.33	2.03	1.84	5.48	2.45	1.00	0.38	0.06	0.00	0.28	
28	0.26	1.46	3.09	2.22	2.47	5.40	2.25	0.89	0.33	0.06	0.00	0.25	
29	0.25	1.45	3.32	2.23	3.17	6.45	2.12	0.85	0.23	0.09	0.05	0.23	
30	0.21	1.95	3.39	2.20	4.18	7.39	2.02	0.84	0.18	0.03	0.03	0.23	
31		2.17		2.01	4.80		2.23		0.15	0.04		0.16	
Mean	0.24	4.04	1.38	3.12	2.40	4.83	5.75	1.23	0.51	0.05	0.10	0.09	
Max	0.78	7.46	3.39	5.48	4.80	7.51	8.78	2.20	0.77	0.13	0.23	0.33	8.78
Min	0.07	0.39	0.59	2.01	1.28	2.51	2.02	0.84	0.15	0.00	0.00	0.00	0.00
Annual Max Momentary Gage Height	8.80		m. (MSL.) ,				at 18.00 Hours, on Oct 12, 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -0.36		m. (MSL.)				
Left Bank Elevation		11.22		m. (MSL.) ,									
Right Bank Elevation		10.44		m. (MSL.) ,			Drainage Are	7,425	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.00	9.70	70.00	128.00	75.20	187.60	415.60	74.00	19.60	2.60	2.00	0.00		
2	1.60	31.60	52.00	109.50	106.50	163.60	382.00	63.60	21.10	2.40	3.40	0.00		
3	1.60	37.20	42.40	89.50	116.00	152.20	360.40	56.40	16.90	1.80	3.80	0.40		
4	1.60	71.60	39.60	84.00	93.50	172.00	317.20	54.80	12.70	2.60	3.60	0.00		
5	1.40	99.00	38.00	83.60	78.40	184.60	292.40	48.00	10.90	2.60	4.00	0.00		
6	1.40	87.00	39.60	130.00	66.40	178.60	354.00	45.60	10.30	2.40	3.80	0.00		
7	1.40	92.50	36.40	158.20	55.20	163.00	391.60	42.40	10.30	2.60	3.60	0.00		
8	1.40	128.50	33.10	218.10	44.80	146.20	364.40	34.80	13.60	1.80	3.80	0.00		
9	2.60	157.00	29.50	259.40	38.80	122.00	325.20	31.90	15.40	1.80	4.00	0.00		
10	4.30	215.30	27.70	263.60	37.20	110.50	295.60	29.20	14.20	1.40	3.80	0.00		
11	3.60	283.20	24.10	221.60	41.20	97.00	292.40	29.20	13.30	0.60	4.90	0.00		
12	3.20	312.40	23.20	165.40	50.00	96.00	443.60	28.90	13.60	0.20	3.20	0.00		
13	3.60	322.00	23.80	121.50	61.20	86.50	512.40	26.80	13.90	0.00	2.40	0.00		
14	5.50	318.00	21.40	92.50	60.00	96.00	532.20	24.40	15.10	0.00	1.80	0.00		
15	10.60	368.40	17.80	79.20	56.40	115.50	531.30	25.30	18.70	0.00	2.00	0.00		
16	16.60	418.00	17.20	70.40	56.00	125.00	506.10	26.50	18.10	0.00	1.60	0.00		
17	19.90	418.80	16.90	70.40	57.20	184.60	468.30	26.50	16.90	0.00	1.80	0.00		
18	21.40	405.20	15.70	105.00	101.50	279.70	441.20	30.10	14.80	0.00	1.60	0.00		
19	16.00	388.40	33.40	143.20	164.80	287.60	419.60	32.20	13.60	0.00	1.00	0.00		
20	7.60	376.40	33.10	154.60	124.00	294.00	353.20	31.30	15.40	0.00	0.00	0.00		
21	6.40	332.40	32.80	140.80	105.00	366.00	266.40	32.50	20.50	0.00	0.20	1.00		
22	4.30	283.20	25.90	125.00	101.50	422.80	200.20	41.60	19.00	0.00	0.40	4.90		
23	3.60	183.40	31.60	109.50	87.00	422.00	152.20	59.20	15.10	0.00	0.00	7.90		
24	2.60	118.00	29.50	101.00	81.20	415.60	131.00	38.40	12.40	1.40	0.00	7.60		
25	2.20	84.40	37.60	92.50	74.80	401.20	114.00	32.20	10.30	0.60	0.20	7.00		
26	1.80	69.20	60.40	78.00	68.00	341.20	95.50	31.60	11.50	0.80	1.20	7.90		
27	3.40	55.60	79.20	67.20	59.60	263.60	84.00	28.00	9.40	1.20	0.00	6.40		
28	5.80	44.40	115.50	74.80	84.80	258.00	76.00	24.70	7.90	1.20	0.00	5.50		
29	5.50	44.00	127.00	75.20	119.50	338.00	70.80	23.50	4.90	1.80	1.00	4.90		
30	4.30	64.00	130.50	74.00	176.80	413.20	66.80	23.20	3.60	0.60	0.00	4.90		
31		72.80		66.40	216.00		75.20		3.00	0.80		3.20		
Total	167.20	5891.60	1304.90	3752.10	2658.50	6883.80	9330.80	1096.80	416.00	31.20	59.10	61.60	31653.60	CMSDAY
Mean	5.57	190.05	43.50	121.04	85.76	229.46	300.99	36.56	13.42	1.01	2.04	1.99	86.49	CMS
Max	21.40	418.80	130.50	263.60	216.00	422.80	532.20	74.00	21.10	2.60	4.90	7.90	532.20	CMS
Min	1.40	9.70	15.70	66.40	37.20	86.50	66.80	23.20	3.00	0.00	0.00	0.00	0.00	CMS
Runoff	14.45	509.03	112.74	324.18	229.69	594.76	806.18	94.76	35.94	2.70	5.11	5.32	2734.87	MCM
Momentary Peak	534.00 CMS, at 8.80 m. (MSL.), at 18.00 Hours, on Oct 12, 2007													
Runoff Yield	11.68	Liters/Second/Square KM.		Momentary Peak Yield		71.92	Liters/Second/Square KM.							

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khlong Phra Sathung at Ban Khao Chakan , Sa Kao (Kgt.9)

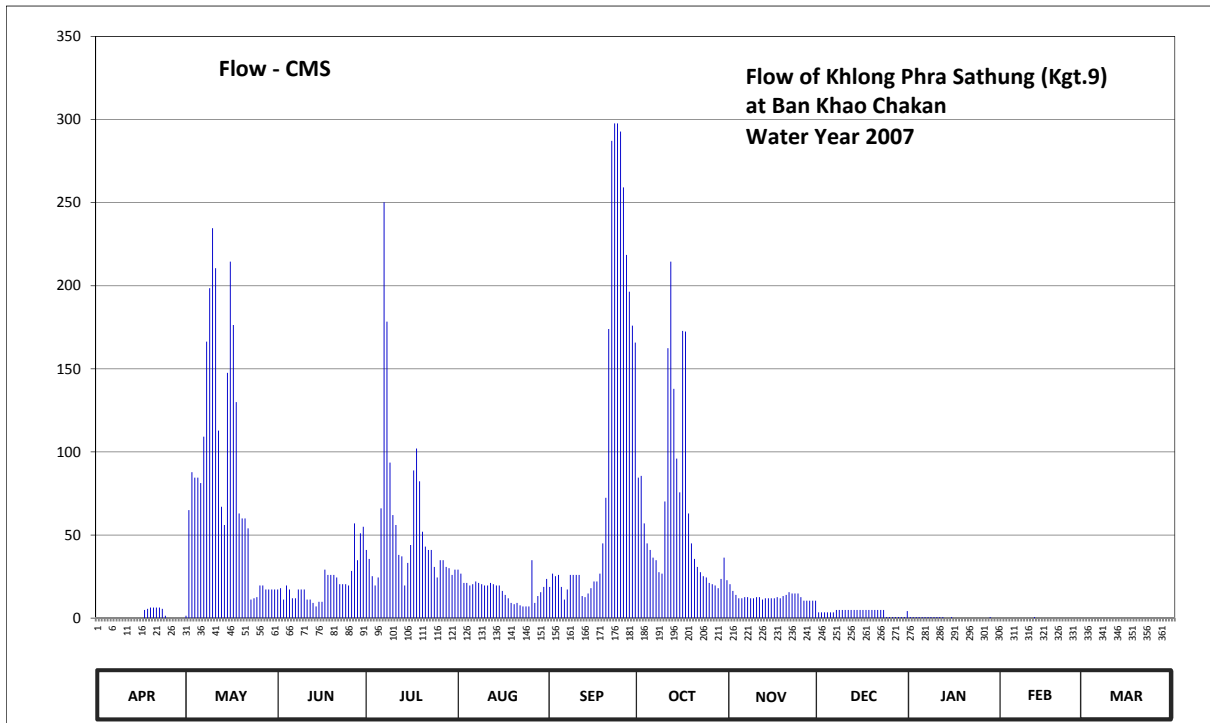
Lat 13 - 40 - 11 N Long 102 - 04 - 38 E

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 +47.010 m.(MSL.) and is including overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 23 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	43.05	43.22	43.44	43.73	43.59	43.46	44.15	43.48	43.25	43.21	43.20	43.13	
2	43.05	43.97	43.45	43.67	43.56	43.56	44.16	43.43	43.25	43.21	43.20	43.13	
3	43.05	44.18	43.36	43.54	43.49	43.54	43.89	43.40	43.25	43.21	43.20	43.13	
4	43.05	44.15	43.47	43.47	43.49	43.55	43.77	43.37	43.25	43.21	43.20	43.13	
5	43.05	44.15	43.44	43.53	43.47	43.46	43.73	43.37	43.25	43.21	43.20	43.13	
6	43.05	44.12	43.37	43.98	43.48	43.36	43.68	43.38	43.25	43.21	43.20	43.13	
7	43.05	44.36	43.37	46.67	43.50	43.44	43.66	43.38	43.27	43.21	43.20	43.13	
8	43.05	44.88	43.44	45.21	43.49	43.55	43.57	43.37	43.27	43.21	43.20	43.13	
9	43.05	45.71	43.44	44.23	43.48	43.55	43.56	43.37	43.27	43.21	43.20	43.13	
10	43.07	46.41	43.44	43.94	43.47	43.55	44.02	43.38	43.27	43.21	43.20	43.08	
11	43.09	45.95	43.36	43.88	43.47	43.55	44.72	43.38	43.27	43.21	43.20	43.09	
12	43.09	44.39	43.36	43.70	43.49	43.39	46.03	43.36	43.27	43.21	43.21	43.10	
13	43.10	43.99	43.33	43.69	43.48	43.38	44.55	43.37	43.27	43.17	43.19	43.10	
14	43.12	43.88	43.30	43.47	43.47	43.41	44.25	43.37	43.27	43.17	43.17	43.10	
15	43.13	44.61	43.34	43.64	43.47	43.45	44.07	43.37	43.27	43.21	43.17	43.10	
16	43.19	46.03	43.34	43.76	43.43	43.50	45.07	43.37	43.27	43.20	43.20	43.10	
17	43.27	45.16	43.59	44.19	43.40	43.50	45.06	43.38	43.27	43.20	43.17	43.10	
18	43.28	44.50	43.55	44.30	43.37	43.56	43.95	43.37	43.27	43.20	43.15	43.10	
19	43.29	43.95	43.55	44.13	43.33	43.77	43.77	43.39	43.27	43.20	43.15	43.10	
20	43.29	43.92	43.55	43.84	43.32	44.04	43.67	43.40	43.27	43.20	43.15	43.10	
21	43.29	43.92	43.53	43.75	43.33	45.10	43.61	43.42	43.27	43.20	43.15	43.10	
22	43.29	43.86	43.48	43.73	43.31	47.26	43.57	43.41	43.27	43.19	43.15	43.10	
23	43.28	43.36	43.48	43.73	43.30	47.41	43.54	43.41	43.27	43.19	43.15	43.13	
24	43.22	43.37	43.48	43.61	43.30	47.41	43.53	43.41	43.21	43.19	43.15	43.13	
25	43.19	43.38	43.47	43.53	43.30	47.34	43.49	43.38	43.21	43.19	43.13	43.13	
26	43.15	43.47	43.58	43.66	43.66	46.82	43.48	43.35	43.21	43.19	43.13	43.13	
27	43.15	43.47	43.89	43.66	43.33	46.11	43.47	43.35	43.21	43.19	43.13	43.13	
28	43.15	43.44	43.66	43.61	43.39	45.66	43.45	43.35	43.21	43.21	43.13	43.13	
29	43.15	43.44	43.83	43.60	43.42	45.15	43.52	43.35	43.21	43.20	43.13	43.13	
30	43.15	43.44	43.87	43.55	43.46	44.86	43.68	43.35	43.21	43.20	43.13	43.13	
31		43.44		43.59	43.52		43.51		43.26	43.20		43.13	
Mean	43.15	44.20	43.49	43.89	43.44	44.46	43.94	43.38	43.25	43.20	43.17	43.12	
Max	43.29	46.41	43.89	46.67	43.66	47.41	46.03	43.48	43.27	43.21	43.21	43.13	47.41
Min	43.05	43.22	43.30	43.47	43.30	43.36	43.45	43.35	43.21	43.17	43.13	43.08	43.05
Annual Max Momentary Gage Height	47.43		m. (MSL.) ,				at 06.00 Hours, on Sep 23, 2007						
Zero Gage at Bottom Elevation	39.57		m. (MSL.) ,			River Bed	39.53	m. (MSL.)					
Left Bank Elevation		47.00		m. (MSL.) ,									
Right Bank Elevation		48.44		m. (MSL.) ,		Drainage Are	2,264	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.40	17.20	41.00	29.20	18.80	84.50	20.40	3.50	0.70	0.00	0.00	
2	0.00	65.00	18.00	35.60	26.80	26.80	85.60	16.40	3.50	0.70	0.00	0.00	
3	0.00	87.80	11.20	25.20	21.20	25.20	57.00	14.00	3.50	0.70	0.00	0.00	
4	0.00	84.50	19.60	19.60	21.20	26.00	45.00	11.90	3.50	0.70	0.00	0.00	
5	0.00	84.50	17.20	24.40	19.60	18.80	41.00	11.90	3.50	0.70	0.00	0.00	
6	0.00	81.20	11.90	66.00	20.40	11.20	36.40	12.60	3.50	0.70	0.00	0.00	
7	0.00	109.20	11.90	250.20	22.00	17.20	34.80	12.60	4.90	0.70	0.00	0.00	
8	0.00	166.40	17.20	178.40	21.20	26.00	27.60	11.90	4.90	0.70	0.00	0.00	
9	0.00	198.50	17.20	93.60	20.40	26.00	26.80	11.90	4.90	0.70	0.00	0.00	
10	0.00	234.60	17.20	62.00	19.60	26.00	70.20	12.60	4.90	0.70	0.00	0.00	
11	0.00	210.50	11.20	56.00	19.60	26.00	162.40	12.60	4.90	0.70	0.00	0.00	
12	0.00	112.80	11.20	38.00	21.20	13.30	214.50	11.20	4.90	0.70	0.70	0.00	
13	0.00	67.00	9.10	37.20	20.40	12.60	138.00	11.90	4.90	0.00	0.00	0.00	
14	0.00	56.00	7.00	19.60	19.60	14.80	96.00	11.90	4.90	0.00	0.00	0.00	
15	0.00	147.60	9.80	33.20	19.60	18.00	75.70	11.90	4.90	0.70	0.00	0.00	
16	0.00	214.50	9.80	44.00	16.40	22.00	172.80	11.90	4.90	0.00	0.00	0.00	
17	4.90	176.40	29.20	88.90	14.00	22.00	172.40	12.60	4.90	0.00	0.00	0.00	
18	5.60	130.00	26.00	102.00	11.90	26.80	63.00	11.90	4.90	0.00	0.00	0.00	
19	6.30	63.00	26.00	82.30	9.10	45.00	45.00	13.30	4.90	0.00	0.00	0.00	
20	6.30	60.00	26.00	52.00	8.40	72.40	35.60	14.00	4.90	0.00	0.00	0.00	
21	6.30	60.00	24.40	43.00	9.10	174.00	30.80	15.60	4.90	0.00	0.00	0.00	
22	6.30	54.00	20.40	41.00	7.70	287.20	27.60	14.80	4.90	0.00	0.00	0.00	
23	5.60	11.20	20.40	41.00	7.00	297.70	25.20	14.80	4.90	0.00	0.00	0.00	
24	1.40	11.90	20.40	30.80	7.00	297.70	24.40	14.80	0.70	0.00	0.00	0.00	
25	0.00	12.60	19.60	24.40	7.00	292.80	21.20	12.60	0.70	0.00	0.00	0.00	
26	0.00	19.60	28.40	34.80	34.80	259.20	20.40	10.50	0.70	0.00	0.00	0.00	
27	0.00	19.60	57.00	34.80	9.10	218.50	19.60	10.50	0.70	0.00	0.00	0.00	
28	0.00	17.20	34.80	30.80	13.30	196.40	18.00	10.50	0.70	0.70	0.00	0.00	
29	0.00	17.20	51.00	30.00	15.60	176.00	23.60	10.50	0.70	0.00	0.00	0.00	
30	0.00	17.20	55.00	26.00	18.80	165.80	36.40	10.50	0.70	0.00	0.00	0.00	
31	0.00	17.20		29.20	23.60		22.80		4.20	0.00		0.00	
Total	42.70	2608.60	655.30	1715.00	534.80	2860.20	1954.30	384.50	113.40	9.80	0.70	0.00	10879.30 CMSDAY
Mean	1.42	84.15	21.84	55.32	17.25	95.34	63.04	12.82	3.66	0.32	0.02	0.00	29.72 CMS
Max	6.30	234.60	57.00	250.20	34.80	297.70	214.50	20.40	4.90	0.70	0.70	0.00	297.70 CMS
Min	0.00	1.40	7.00	19.60	7.00	11.20	18.00	10.50	0.70	0.00	0.00	0.00	0.00 CMS
Runoff	3.69	225.38	56.62	148.18	46.21	247.12	168.85	33.22	9.80	0.85	0.06	0.00	939.97 MCM
Momentary Peak	299.10	CMS, at 47.43 m. (MSL.), at 06.00 Hours, on Sep 23, 2007											
Runoff Yield	13.17	Liters/Second/Square KM.			Momentary Peak Yield	132.11	Liters/Second/Square KM.						

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khlong Phra Prong at Ban Kaeng , Sa Kaeo (Kgt.12)

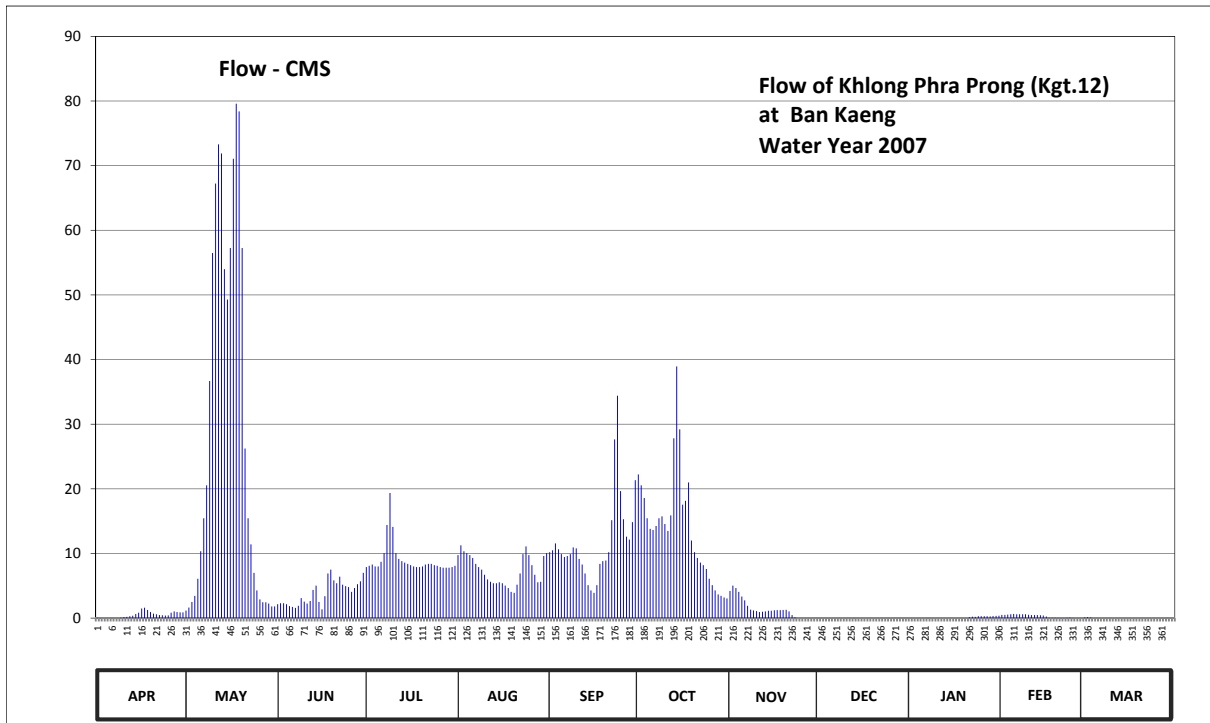
Lat 13 - 56 - 10 N Long 101 - 58 - 27 E

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 Kaeo
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 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.62	15.06	15.38	16.19	16.35	16.38	17.17	15.76	14.45	14.21	14.80	14.64	
2	14.61	15.25	15.41	16.21	16.45	16.40	17.07	15.87	14.44	14.53	14.80	14.66	
3	14.59	15.45	15.41	16.23	16.39	16.47	16.94	15.82	14.42	14.56	14.82	14.64	
4	14.58	15.64	15.38	16.20	16.37	16.41	16.73	15.74	14.41	14.57	14.84	14.58	
5	14.58	16.01	15.32	16.20	16.35	16.36	16.62	15.62	14.40	14.58	14.85	14.48	
6	14.61	16.39	15.29	16.27	16.32	16.33	16.61	15.50	14.40	14.59	14.84	14.43	
7	14.60	16.73	15.23	16.37	16.24	16.34	16.65	15.33	14.40	14.61	14.84	14.42	
8	14.60	17.07	15.33	16.66	16.19	16.36	16.73	15.12	14.48	14.59	14.84	14.42	
9	14.63	17.93	15.57	16.99	16.15	16.43	16.75	15.07	14.49	14.50	14.83	14.41	
10	14.66	18.79	15.46	16.64	16.07	16.42	16.67	15.03	14.52	14.45	14.81	14.40	
11	14.68	19.19	15.40	16.37	16.00	16.31	16.60	14.97	14.59	14.43	14.79	14.39	
12	14.72	19.41	15.48	16.31	15.95	16.23	16.76	15.00	14.60	14.43	14.79	14.39	
13	14.75	19.36	15.78	16.28	15.92	16.09	17.49	15.02	14.61	14.46	14.79	14.40	
14	14.85	18.69	15.87	16.26	15.92	15.88	18.03	15.05	14.59	14.45	14.78	14.41	
15	14.94	18.49	15.45	16.24	15.94	15.77	17.56	15.05	14.57	14.42	14.76	14.41	
16	15.19	18.82	15.14	16.22	15.92	15.72	16.87	15.08	14.51	14.40	14.70	14.42	
17	15.24	19.33	15.63	16.20	15.87	15.88	16.91	15.09	14.48	14.39	14.62	14.49	
18	15.10	19.62	16.09	16.19	15.82	16.24	17.10	15.09	14.44	14.40	14.62	14.48	
19	14.98	19.58	16.15	16.19	15.74	16.28	16.50	15.10	14.42	14.40	14.62	14.48	
20	14.88	18.82	15.98	16.20	15.72	16.29	16.38	15.11	14.45	14.59	14.61	14.51	
21	14.83	17.40	15.92	16.23	15.89	16.38	16.32	15.01	14.46	14.66	14.61	14.51	
22	14.79	16.73	16.04	16.24	16.09	16.71	16.26	14.79	14.40	14.69	14.61	14.50	
23	14.78	16.46	15.89	16.24	16.36	17.48	16.22	14.65	14.34	14.68	14.62	14.49	
24	14.76	16.10	15.86	16.22	16.44	17.82	16.16	14.59	14.31	14.72	14.63	14.48	
25	14.77	15.77	15.84	16.21	16.35	17.01	16.01	14.56	14.28	14.72	14.61	14.48	
26	14.94	15.53	15.74	16.19	16.22	16.72	15.88	14.56	14.26	14.72	14.59	14.49	
27	15.01	15.44	15.82	16.18	16.07	16.54	15.77	14.54	14.25	14.72	14.59	14.48	
28	14.97	15.44	15.90	16.18	15.94	16.51	15.68	14.52	14.24	14.71	14.59	14.45	
29	14.96	15.40	15.96	16.18	15.95	16.69	15.64	14.47	14.22	14.73	14.60	14.44	
30	14.95	15.31	16.10	16.19	16.34	17.12	15.59	14.45	14.21	14.74	14.64	14.46	
31		15.31		16.21	16.37		15.56		14.20	14.75		14.46	
Mean	14.81	17.11	15.66	16.28	16.12	16.45	16.56	15.05	14.41	14.56	14.72	14.47	
Max	15.24	19.62	16.15	16.99	16.45	17.82	18.03	15.87	14.61	14.75	14.85	14.66	19.62
Min	14.58	15.06	15.14	16.18	15.72	15.72	15.56	14.45	14.20	14.21	14.59	14.39	14.20
Annual Max Momentary Gage Height	19.66		m. (MSL.) ,				at 18.00 Hours, on May 18, 2007						
Zero Gage at Bottom Elevation	13.84		m. (MSL.) ,			River Bed	13.19	m. (MSL.)					
Left Bank Elevation		23.47		m. (MSL.) ,									
Right Bank Elevation		22.33		m. (MSL.) ,		Drainage Area	1,478	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	1.15	2.15	7.90	9.75	10.20	22.23	4.20	0.00	0.00	0.50	0.10	
2	0.03	1.63	2.30	8.10	11.25	10.50	20.55	5.03	0.00	0.00	0.50	0.15	
3	0.00	2.50	2.30	8.30	10.35	11.55	18.60	4.65	0.00	0.00	0.55	0.10	
4	0.00	3.45	2.15	8.00	10.05	10.65	15.45	4.05	0.00	0.00	0.60	0.00	
5	0.00	6.10	1.85	8.00	9.75	9.90	13.80	3.35	0.00	0.00	0.63	0.00	
6	0.03	10.35	1.73	8.70	9.30	9.45	13.65	2.75	0.00	0.00	0.60	0.00	
7	0.00	15.45	1.58	10.05	8.40	9.60	14.25	1.90	0.00	0.03	0.60	0.00	
8	0.00	20.55	1.90	14.40	7.90	9.90	15.45	1.30	0.00	0.00	0.60	0.00	
9	0.08	36.68	3.10	19.35	7.50	10.95	15.75	1.18	0.00	0.00	0.58	0.00	
10	0.15	56.50	2.55	14.10	6.70	10.80	14.55	1.08	0.00	0.00	0.53	0.00	
11	0.20	67.23	2.25	10.05	6.00	9.15	13.50	0.93	0.00	0.00	0.48	0.00	
12	0.30	73.30	2.65	9.15	5.63	8.30	15.90	1.00	0.00	0.00	0.48	0.00	
13	0.38	71.90	4.35	8.80	5.40	6.90	27.83	1.05	0.03	0.00	0.48	0.00	
14	0.63	54.00	5.03	8.60	5.40	5.10	38.93	1.13	0.00	0.00	0.45	0.00	
15	0.85	49.28	2.50	8.40	5.55	4.28	29.20	1.13	0.00	0.00	0.40	0.00	
16	1.48	57.25	1.35	8.20	5.40	3.90	17.55	1.20	0.00	0.00	0.25	0.00	
17	1.60	71.08	3.40	8.00	5.03	5.10	18.15	1.23	0.00	0.00	0.05	0.00	
18	1.25	79.60	6.90	7.90	4.65	8.40	21.00	1.23	0.00	0.00	0.05	0.00	
19	0.95	78.40	7.50	7.90	4.05	8.80	12.00	1.25	0.00	0.00	0.05	0.00	
20	0.70	57.25	5.85	8.00	3.90	8.90	10.20	1.28	0.00	0.00	0.03	0.00	
21	0.58	26.25	5.40	8.30	5.18	10.20	9.30	1.03	0.00	0.15	0.03	0.00	
22	0.48	15.45	6.40	8.40	6.90	15.15	8.60	0.48	0.00	0.23	0.03	0.00	
23	0.45	11.40	5.18	8.40	9.90	27.65	8.20	0.13	0.00	0.20	0.05	0.00	
24	0.40	7.00	4.95	8.20	11.10	34.40	7.60	0.00	0.00	0.30	0.08	0.00	
25	0.43	4.28	4.80	8.10	9.75	19.65	6.10	0.00	0.00	0.30	0.03	0.00	
26	0.85	2.90	4.05	7.90	8.20	15.30	5.10	0.00	0.00	0.30	0.00	0.00	
27	1.03	2.45	4.65	7.80	6.70	12.60	4.28	0.00	0.00	0.30	0.00	0.00	
28	0.93	2.45	5.25	7.80	5.55	12.15	3.65	0.00	0.00	0.28	0.00	0.00	
29	0.90	2.25	5.70	7.80	5.63	14.85	3.45	0.00	0.00	0.33	0.00	0.00	
30	0.88	1.80	7.00	7.90	9.60	21.35	3.20	0.00	0.00	0.35	0.00	0.00	
31		1.80		8.10	10.05		3.05		0.00	0.38		0.00	
Total	15.61	891.68	116.77	280.60	230.52	355.63	431.07	42.56	0.03	3.15	8.63	0.35	2376.60 CMSDAY
Mean	0.52	28.76	3.89	9.05	7.44	11.85	13.91	1.42	0.00	0.10	0.30	0.01	6.49 CMS
Max	1.60	79.60	7.50	19.35	11.25	34.40	38.93	5.03	0.03	0.38	0.63	0.15	79.60 CMS
Min	0.00	1.15	1.35	7.80	3.90	3.90	3.05	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	1.35	77.04	10.09	24.24	19.92	30.73	37.24	3.68	0.00	0.27	0.75	0.03	205.34 MCM
Momentary Peak	80.80 CMS, at 19.66 m. (MSL), at 18.00 Hours, on May 18, 2007												
Runoff Yield	4.41 Liters/Second/Square KM.			Momentary Peak Yield			54.67 Liters/Second/Square KM.						

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khlong Phra Prong at Ban Non Suk Phum , Prachin Buri (Kgt.13A)

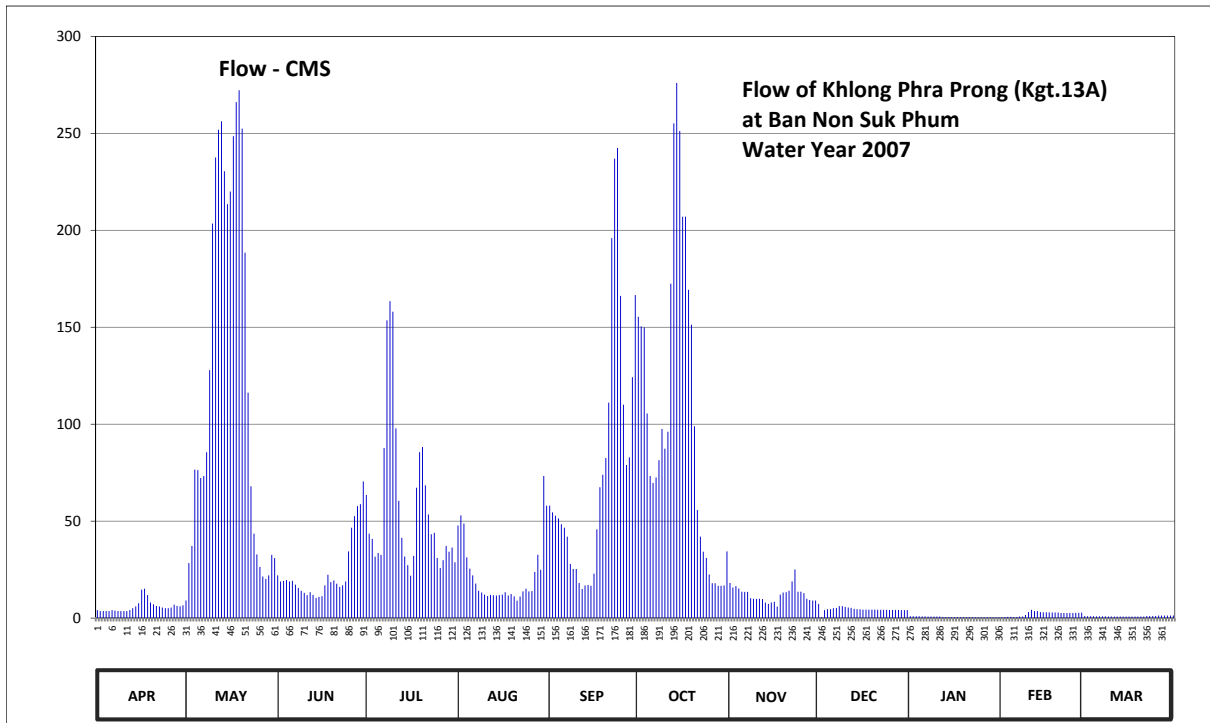
Lat 13 - 54 - 29 N Long 101 - 50 - 32 E

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	+15.000 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 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 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.31	5.81	6.77	8.92	8.24	8.70	11.53	6.51	5.63	5.00	4.88	5.01	
2	5.26	7.19	6.56	8.03	8.50	8.56	11.42	6.35	4.89	4.99	4.91	5.00	
3	5.26	7.71	6.58	7.89	8.29	8.49	11.41	6.40	5.31	4.99	4.93	5.00	
4	5.26	9.42	6.61	7.41	7.39	8.42	10.33	6.32	5.36	4.99	4.93	5.00	
5	5.26	9.41	6.56	7.53	7.00	8.27	9.31	6.21	5.36	4.98	4.92	4.98	
6	5.31	9.27	6.58	7.47	6.77	8.18	9.17	6.20	5.41	4.98	4.91	4.98	
7	5.29	9.31	6.45	9.79	6.49	7.95	9.28	6.20	5.42	4.96	4.96	4.98	
8	5.26	9.72	6.34	11.49	6.24	7.16	9.58	5.92	5.52	4.96	4.97	4.98	
9	5.26	10.91	6.24	11.71	6.18	6.99	10.10	5.90	5.52	4.96	5.06	4.96	
10	5.26	12.53	6.17	11.59	6.11	6.99	9.78	5.89	5.48	4.96	5.21	4.96	
11	5.26	13.21	6.09	10.11	6.04	6.51	10.06	5.90	5.44	4.96	5.33	4.96	
12	5.31	13.47	6.19	8.80	6.10	6.30	11.91	5.88	5.43	4.91	5.26	4.96	
13	5.41	13.55	6.10	7.92	6.08	6.42	13.53	5.70	5.38	4.91	5.26	4.96	
14	5.50	13.07	5.94	7.42	6.06	6.44	13.91	5.63	5.36	4.90	5.21	4.96	
15	5.67	12.73	6.00	7.12	6.09	6.41	13.46	5.71	5.35	4.90	5.20	4.96	
16	6.28	12.86	6.03	6.76	6.11	6.83	12.60	5.74	5.34	4.90	5.20	4.96	
17	6.31	13.41	6.43	7.44	6.19	8.14	12.60	5.49	5.34	4.90	5.20	4.96	
18	6.09	13.73	6.79	9.07	6.06	9.08	11.84	6.11	5.34	4.90	5.19	4.96	
19	5.71	13.84	6.54	9.72	6.13	9.33	11.44	6.18	5.34	4.89	5.19	4.96	
20	5.61	13.48	6.59	9.81	6.02	9.62	10.14	6.19	5.34	4.89	5.19	4.96	
21	5.53	12.23	6.48	9.12	5.80	10.49	8.61	6.24	5.33	4.89	5.16	4.96	
22	5.50	10.62	6.37	8.52	6.01	12.38	7.95	6.56	5.33	4.89	5.16	5.01	
23	5.44	9.10	6.43	8.01	6.22	13.20	7.56	6.97	5.33	4.89	5.16	5.01	
24	5.41	8.03	6.56	8.05	6.31	13.30	7.37	6.21	5.33	4.88	5.16	5.01	
25	5.41	7.49	7.57	7.37	6.22	11.77	6.80	6.21	5.32	4.88	5.16	5.01	
26	5.44	7.06	8.18	7.02	6.23	10.46	6.50	6.16	5.32	4.88	5.17	5.03	
27	5.59	6.73	8.48	7.29	6.89	9.50	6.50	5.90	5.32	4.88	5.17	5.03	
28	5.53	6.65	8.69	7.71	7.48	9.63	6.41	5.83	5.32	4.88	5.18	5.03	
29	5.51	6.77	8.73	7.56	6.96	10.82	6.41	5.81	5.31	4.88	5.18	5.03	
30	5.56	7.47	9.20	7.67	9.31	11.78	6.42	5.81	5.31	4.88			
31		7.36		7.22	8.70		7.57		5.31	4.88			
Mean	5.49	10.13	6.81	8.44	6.72	8.94	9.73	6.07	5.36	4.92	5.12	4.99	
Max	6.31	13.84	9.20	11.71	9.31	13.30	13.91	6.97	5.63	5.00	5.33	5.03	13.91
Min	5.26	5.81	5.94	6.76	5.80	6.30	6.41	5.49	4.89	4.88	4.88	4.96	4.88
Annual Max Momentary Gage Height	13.92		m. (MSL.) ,				at 18.00 Hours, on Oct 14, 2007						
Zero Gage at Bottom Elevation	2.86		m. (MSL.) ,			River Bed	3.92	m. (MSL.)					
Left Bank Elevation		17.20	m. (MSL.) ,										
Right Bank Elevation		17.92	m. (MSL.) ,			Drainage Area	4,906	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.10	9.10	22.05	63.50	47.80	58.00	155.35	18.15	7.30	1.00	0.40	1.10	
2	3.60	28.35	18.90	43.60	53.00	54.50	150.40	15.75	0.45	0.95	0.55	1.00	
3	3.60	37.20	19.20	40.80	48.80	52.80	149.95	16.50	4.10	0.95	0.65	1.00	
4	3.60	76.60	19.65	31.65	31.35	51.40	105.55	15.30	4.60	0.95	0.65	1.00	
5	3.60	76.30	18.90	33.60	25.50	48.40	73.30	13.65	4.60	0.90	0.60	0.90	
6	4.10	72.25	19.20	32.55	22.05	46.60	69.75	13.50	5.10	0.90	0.55	0.90	
7	3.90	73.30	17.25	87.70	17.85	42.00	72.50	13.50	5.20	0.80	0.80	0.90	
8	3.60	85.60	15.60	153.55	14.10	27.90	81.40	10.20	6.20	0.80	0.85	0.90	
9	3.60	127.90	14.10	163.45	13.20	25.35	97.50	10.00	6.20	0.80	1.60	0.80	
10	3.60	203.50	13.05	158.05	12.15	25.35	87.40	9.90	5.80	0.80	3.10	0.80	
11	3.60	237.55	11.90	97.85	11.40	18.15	96.10	10.00	5.40	0.80	4.30	0.80	
12	4.10	251.85	13.35	60.50	12.00	15.00	172.50	9.80	5.30	0.55	3.60	0.80	
13	5.10	256.25	12.00	41.40	11.80	16.80	255.15	8.00	4.80	0.55	3.60	0.80	
14	6.00	230.50	10.40	31.80	11.60	17.10	276.05	7.30	4.60	0.50	3.10	0.80	
15	7.70	213.50	11.00	27.30	11.90	16.65	251.30	8.10	4.50	0.50	3.00	0.80	
16	14.70	220.00	11.30	21.90	12.15	22.95	207.00	8.40	4.40	0.50	3.00	0.80	
17	15.15	248.55	16.95	32.10	13.35	45.80	207.00	5.90	4.40	0.50	3.00	0.80	
18	11.90	266.15	22.35	67.25	11.60	67.50	169.30	12.15	4.40	0.50	2.90	0.80	
19	8.10	272.20	18.60	85.60	12.45	73.90	151.30	13.20	4.40	0.45	2.90	0.80	
20	7.10	252.40	19.35	88.30	11.20	82.60	98.90	13.35	4.40	0.45	2.90	0.80	
21	6.30	188.50	17.70	68.50	9.00	111.15	55.75	14.10	4.30	0.45	2.60	0.80	
22	6.00	116.30	16.05	53.50	11.10	196.00	42.00	18.90	4.30	0.45	2.60	1.10	
23	5.40	68.00	16.95	43.20	13.80	237.00	34.20	25.05	4.30	0.45	2.60	1.10	
24	5.10	43.60	18.90	44.00	15.15	242.50	31.05	13.65	4.30	0.40	2.60	1.10	
25	5.10	32.85	34.40	31.05	13.80	166.15	22.50	13.65	4.20	0.40	2.60	1.10	
26	5.40	26.40	46.60	25.80	13.95	110.10	18.00	12.90	4.20	0.40	2.70	1.30	
27	6.90	21.45	52.60	29.85	23.85	79.00	18.00	10.00	4.20	0.40	2.70	1.30	
28	6.30	20.25	57.75	37.20	32.70	82.90	16.65	9.30	4.20	0.40	2.80	1.30	
29	6.10	22.05	58.75	34.20	24.90	124.30	16.65	9.10	4.10	0.40	2.80	1.30	
30	6.60	32.55	70.50	36.40	73.30	166.60	16.80	9.10	4.10	0.40		1.30	
31		30.90		28.80	58.00		34.40		4.10	0.40		1.30	
Total	179.95	3841.90	715.30	1794.95	694.80	2324.45	3233.70	368.40	142.45	18.70	66.05	30.30	13410.95 CMSDAY
Mean	6.00	123.93	23.84	57.90	22.41	77.48	104.31	12.28	4.60	0.60	2.28	0.98	36.64 CMS
Max	15.15	272.20	70.50	163.45	73.30	242.50	276.05	25.05	7.30	1.00	4.30	1.30	276.05 CMS
Min	3.60	9.10	10.40	21.90	9.00	15.00	16.65	5.90	0.45	0.40	0.80	0.40	0.40 CMS
Runoff	15.55	331.94	61.80	155.08	60.03	200.83	279.39	31.83	12.31	1.62	5.71	2.62	1158.71 MCM
Momentary Peak		276.60	CMS, at	13.92 m. (MSL),	at 18.00 Hours, on Oct 14, 2007								
Runoff Yield		7.49	Liters/Second/Square KM.		Momentary Peak Yield	56.38	Liters/Second/Square KM.						

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khleng Yang at Ban Thung Faek , Prachin Buri (Kgt.14)

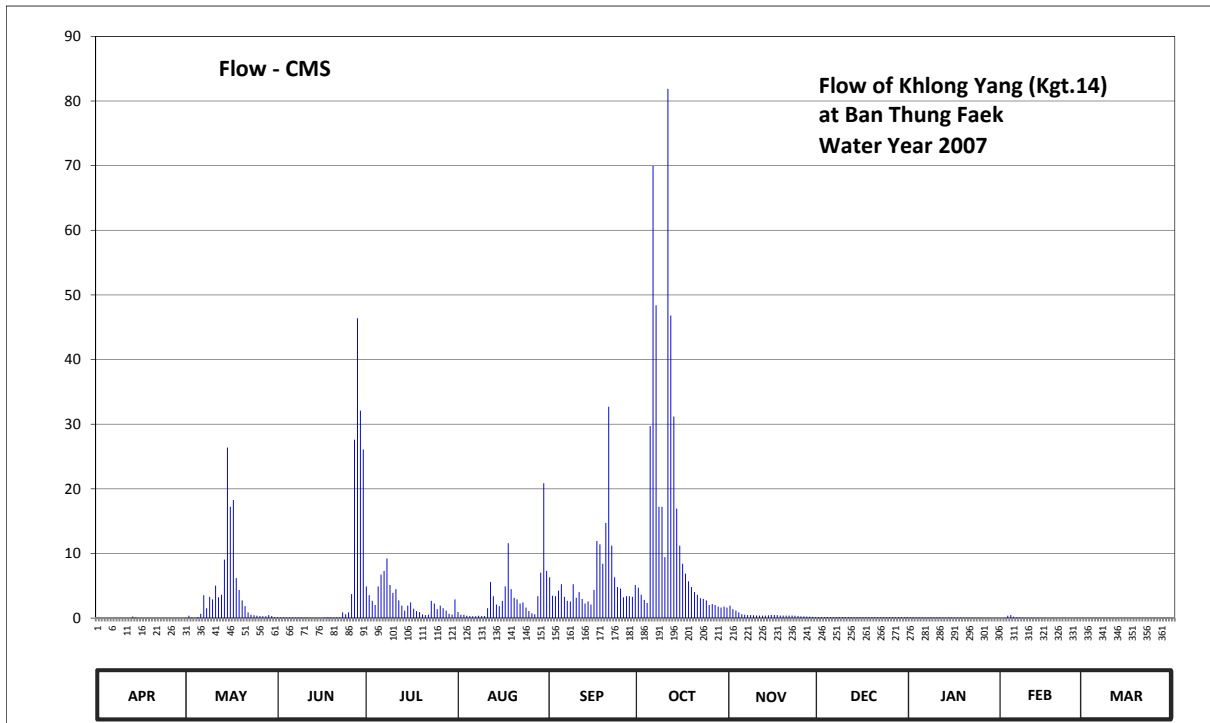
Lat 14 - 09 - 29 N Long 101 - 52 - 50 E

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.		
Overbank Flow Conditions	No overbank flow		
General Description	Records good. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	34.87	35.15	35.25	36.01	35.55	36.13	35.99	35.68	35.27	35.24	35.09	35.03	
2	34.86	35.39	35.23	35.88	35.46	35.87	35.89	35.61	35.27	35.24	35.16	35.03	
3	34.86	35.22	35.22	35.77	35.46	35.86	35.79	35.58	35.27	35.23	35.39	35.02	
4	34.85	35.16	35.20	35.69	35.38	35.95	35.73	35.54	35.27	35.23	35.43	35.01	
5	34.84	35.28	35.20	36.01	35.36	36.04	37.16	35.50	35.27	35.23	35.31	34.99	
6	34.84	35.51	35.20	36.16	35.35	35.85	38.19	35.46	35.27	35.23	35.21	34.98	
7	34.84	35.88	35.20	36.20	35.35	35.77	37.70	35.44	35.27	35.22	35.19	34.98	
8	34.83	35.63	35.20	36.33	35.39	35.76	36.72	35.44	35.27	35.22	35.17	34.98	
9	34.85	35.85	35.20	36.03	35.36	36.04	36.72	35.42	35.27	35.22	35.16	34.98	
10	34.85	35.80	35.19	35.92	35.36	35.83	36.34	35.41	35.27	35.21	35.16	34.98	
11	34.86	36.02	35.19	35.97	35.63	35.93	38.43	35.40	35.26	35.21	35.15	34.97	
12	34.88	35.84	35.17	35.78	36.07	35.81	37.66	35.40	35.25	35.20	35.15	34.97	
13	35.32	35.89	35.16	35.68	35.86	35.72	37.21	35.40	35.25	35.20	35.14	34.97	
14	35.20	36.32	35.15	35.58	35.70	35.76	36.71	35.42	35.25	35.20	35.13	34.97	
15	35.08	37.05	35.15	35.68	35.67	35.70	36.44	35.45	35.25	35.20	35.12	34.96	
16	35.03	36.72	35.16	35.74	35.77	35.96	36.28	35.45	35.25	35.20	35.11	34.96	
17	34.98	36.76	35.21	35.62	36.01	36.48	36.17	35.43	35.25	35.19	35.10	34.96	
18	34.97	36.12	35.24	35.57	36.46	36.45	36.08	35.40	35.25	35.19	35.13	34.95	
19	35.05	35.96	35.23	35.55	35.97	36.28	36.00	35.40	35.25	35.18	35.07	34.94	
20	35.05	35.78	35.20	35.48	35.83	36.61	35.93	35.40	35.25	35.18	35.05	34.93	
21	35.04	35.67	35.21	35.43	35.80	37.26	35.89	35.40	35.25	35.17	35.05	34.93	
22	35.03	35.54	35.20	35.47	35.72	36.44	35.82	35.40	35.25	35.17	35.04	34.93	
23	35.03	35.46	35.54	35.77	35.74	36.13	35.81	35.39	35.25	35.16	35.03	34.93	
24	34.97	35.42	35.49	35.72	35.64	36.00	35.78	35.37	35.24	35.15	35.03	34.92	
25	34.95	35.39	35.54	35.61	35.57	35.98	35.69	35.34	35.24	35.15	35.02	34.92	
26	34.94	35.36	35.90	35.68	35.52	35.84	35.71	35.33	35.24	35.13	35.02	34.92	
27	34.95	35.35	37.09	35.63	35.49	35.86	35.69	35.32	35.24	35.13	35.03	34.92	
28	34.97	35.35	37.65	35.58	35.86	35.86	35.66	35.31	35.24	35.12	35.03	34.96	
29	35.00	35.43	37.24	35.51	36.18	35.85	35.64	35.29	35.24	35.11	35.04	34.97	
30	35.01	35.36	37.04	35.47	36.86	36.03	35.66	35.27	35.24	35.10	35.04	34.97	
31		35.25		35.80	36.20		35.64		35.24	35.09		34.96	
Mean	34.96	35.71	35.53	35.75	35.73	36.04	36.33	35.42	35.25	35.18	35.13	34.96	
Max	35.32	37.05	37.65	36.33	36.86	37.26	38.43	35.68	35.27	35.24	35.43	35.03	38.43
Min	34.83	35.15	35.15	35.43	35.35	35.70	35.64	35.27	35.24	35.09	35.02	34.92	34.83
Annual Max Momentary Gage Height	39.23		m. (MSL.) ,				at 08.00 Hours, on Oct 11, 2007						
Zero Gage at Bottom Elevation	34.60		m. (MSL.) ,			River Bed	33.21	m. (MSL.)					
Left Bank Elevation		41.69		m. (MSL.) ,									
Right Bank Elevation		41.97		m. (MSL.) ,		Drainage Are	354	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.05	0.15	4.91	0.95	6.32	4.69	1.94	0.17	0.14	0.00	0.00	
2	0.00	0.38	0.13	3.54	0.52	3.46	3.62	1.38	0.17	0.14	0.06	0.00	
3	0.00	0.12	0.12	2.66	0.52	3.38	2.82	1.16	0.17	0.13	0.38	0.00	
4	0.00	0.06	0.10	2.02	0.36	4.25	2.34	0.88	0.17	0.13	0.46	0.00	
5	0.00	0.18	0.10	4.91	0.32	5.24	29.70	0.60	0.17	0.13	0.22	0.00	
6	0.00	0.67	0.10	6.74	0.30	3.30	69.95	0.52	0.17	0.13	0.11	0.00	
7	0.00	3.54	0.10	7.30	0.30	2.66	48.40	0.48	0.17	0.12	0.09	0.00	
8	0.00	1.54	0.10	9.24	0.38	2.58	17.22	0.48	0.17	0.12	0.07	0.00	
9	0.00	3.30	0.10	5.13	0.32	5.24	17.22	0.44	0.17	0.12	0.06	0.00	
10	0.00	2.90	0.09	3.92	0.32	3.14	9.42	0.42	0.17	0.11	0.06	0.00	
11	0.00	5.02	0.09	4.47	1.54	4.03	81.90	0.40	0.16	0.11	0.05	0.00	
12	0.00	3.22	0.07	2.74	5.57	2.98	46.80	0.40	0.15	0.10	0.05	0.00	
13	0.24	3.62	0.06	1.94	3.38	2.26	31.20	0.40	0.15	0.10	0.04	0.00	
14	0.10	9.06	0.05	1.16	2.10	2.58	16.96	0.44	0.15	0.10	0.03	0.00	
15	0.00	26.40	0.05	1.94	1.86	2.10	11.22	0.50	0.15	0.10	0.02	0.00	
16	0.00	17.22	0.06	2.42	2.66	4.36	8.42	0.50	0.15	0.10	0.01	0.00	
17	0.00	18.26	0.11	1.46	4.91	11.94	6.88	0.46	0.15	0.09	0.00	0.00	
18	0.00	6.18	0.14	1.09	11.58	11.40	5.68	0.40	0.15	0.09	0.03	0.00	
19	0.00	4.36	0.13	0.95	4.47	8.42	4.80	0.40	0.15	0.08	0.00	0.00	
20	0.00	2.74	0.10	0.56	3.14	14.72	4.03	0.40	0.15	0.08	0.00	0.00	
21	0.00	1.86	0.11	0.46	2.90	32.70	3.62	0.40	0.15	0.07	0.00	0.00	
22	0.00	0.88	0.10	0.54	2.26	11.22	3.06	0.40	0.15	0.07	0.00	0.00	
23	0.00	0.52	0.88	2.66	2.42	6.32	2.98	0.38	0.15	0.06	0.00	0.00	
24	0.00	0.44	0.58	2.26	1.62	4.80	2.74	0.34	0.14	0.05	0.00	0.00	
25	0.00	0.38	0.88	1.38	1.09	4.58	2.02	0.28	0.14	0.05	0.00	0.00	
26	0.00	0.32	3.70	1.94	0.74	3.22	2.18	0.26	0.14	0.03	0.00	0.00	
27	0.00	0.30	27.60	1.54	0.58	3.38	2.02	0.24	0.14	0.03	0.00	0.00	
28	0.00	0.30	46.40	1.16	3.38	3.38	1.78	0.22	0.14	0.02	0.00	0.00	
29	0.00	0.46	32.10	0.67	7.02	3.30	1.62	0.19	0.14	0.01	0.00	0.00	
30	0.00	0.32	26.10	0.54	20.86	5.13	1.78	0.17	0.14	0.00	0.00	0.00	
31	0.00	0.15		2.90	7.30		1.62		0.14	0.00		0.00	
Total	0.34	114.75	140.40	85.15	95.67	182.39	448.69	15.48	4.78	2.61	1.74	0.00	1092.00 CMSDAY
Mean	0.01	3.70	4.68	2.75	3.09	6.08	14.47	0.52	0.15	0.08	0.06	0.00	2.98 CMS
Max	0.24	26.40	46.40	9.24	20.86	32.70	81.90	1.94	0.17	0.14	0.46	0.00	81.90 CMS
Min	0.00	0.05	0.05	0.46	0.30	2.10	1.62	0.17	0.14	0.00	0.00	0.00	0.00 CMS
Runoff	0.03	9.91	12.13	7.36	8.27	15.76	38.77	1.34	0.41	0.23	0.15	0.00	94.35 MCM
Momentary Peak	130.08	CMS, at 39.23 m. (MSL), at 08.00 Hours, on Oct 11, 2007											
Runoff Yield	8.45	Liters/Second/Square KM. Momentary Peak Yield 367.35 Liters/Second/Square KM.											

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Huai Samong at Ban Kaeng Din So , Prachin Buri (Kgt.15A)

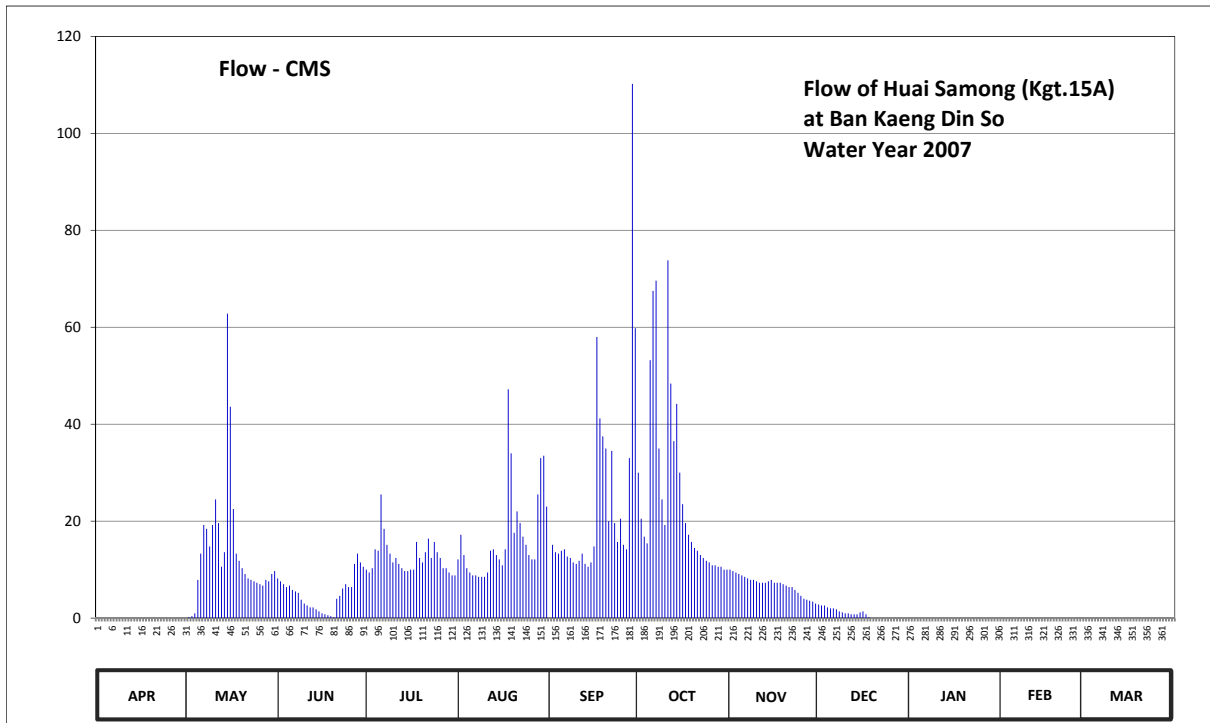
Lat 14 - 03 - 47 N Long 101 - 55 - 39 E

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 20 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.03	15.17	15.54	15.60	15.67	13.05	16.10	15.60	15.34	15.12	15.01	14.98	
2	15.01	15.21	15.52	15.58	15.83	15.77	15.91	15.59	15.33	15.11	15.05	14.98	
3	15.00	15.22	15.50	15.61	15.70	15.72	15.82	15.58	15.33	15.10	15.09	14.97	
4	15.00	15.25	15.48	15.74	15.61	15.71	15.78	15.57	15.31	15.09	15.12	14.96	
5	14.99	15.53	15.49	15.73	15.58	15.73	16.52	15.56	15.30	15.09	15.11	14.95	
6	14.99	15.71	15.46	16.01	15.56	15.74	16.75	15.55	15.30	15.09	15.09	14.95	
7	14.99	15.88	15.45	15.86	15.56	15.69	16.78	15.54	15.29	15.10	15.07	14.94	
8	15.00	15.86	15.44	15.77	15.55	15.68	16.20	15.53	15.27	15.11	15.05	14.94	
9	15.01	15.76	15.39	15.71	15.55	15.65	15.99	15.53	15.26	15.09	15.04	14.96	
10	15.02	15.88	15.35	15.65	15.55	15.64	15.88	15.52	15.25	15.08	15.03	14.96	
11	15.05	15.99	15.33	15.68	15.58	15.66	16.84	15.51	15.25	15.07	15.02	14.96	
12	15.05	15.89	15.31	15.64	15.73	15.71	16.44	15.51	15.24	15.07	15.02	14.96	
13	15.07	15.62	15.31	15.61	15.74	15.64	16.23	15.51	15.24	15.07	15.01	14.96	
14	15.09	15.72	15.29	15.59	15.70	15.62	16.37	15.52	15.24	15.06	15.00	14.96	
15	15.10	16.68	15.27	15.59	15.67	15.65	16.10	15.53	15.26	15.06	15.00	14.96	
16	15.10	16.36	15.25	15.60	15.63	15.76	15.97	15.51	15.27	15.05	15.00	14.96	
17	15.10	15.95	15.24	15.60	15.74	16.60	15.89	15.51	15.24	15.06	15.00	14.96	
18	15.10	15.71	15.23	15.79	16.42	16.32	15.83	15.51	15.21	15.06	14.99	14.96	
19	15.09	15.66	15.22	15.68	16.18	16.25	15.79	15.50	15.20	15.06	14.99	14.96	
20	15.09	15.61	15.21	15.65	15.84	16.20	15.75	15.49	15.19	15.06	14.99	14.96	
21	15.09	15.57	15.40	15.72	15.94	15.90	15.73	15.48	15.18	15.06	14.98	14.95	
22	15.09	15.54	15.42	15.81	15.89	16.19	15.70	15.48	15.18	15.04	14.98	14.95	
23	15.08	15.53	15.47	15.68	15.82	15.89	15.68	15.46	15.17	15.02	14.98	14.94	
24	15.07	15.52	15.50	15.79	15.77	15.79	15.66	15.44	15.17	15.01	14.98	14.94	
25	15.06	15.51	15.48	15.72	15.70	15.91	15.65	15.42	15.16	15.01	14.98	14.93	
26	15.06	15.50	15.48	15.68	15.67	15.77	15.63	15.40	15.15	15.00	15.00	14.92	
27	15.07	15.49	15.64	15.61	15.67	15.74	15.63	15.39	15.15	15.00	15.01	14.92	
28	15.09	15.53	15.71	15.61	16.01	16.16	15.62	15.38	15.14	15.01	14.99	14.94	
29	15.13	15.52	15.65	15.58	16.16	17.36	15.62	15.37	15.13	15.02	14.99	14.93	
30	15.14	15.57	15.62	15.56	16.17	16.63	15.60	15.35	15.13	15.01		14.93	
31		15.59		15.56	15.96		15.60		15.13	15.01		14.92	
Mean	15.06	15.66	15.42	15.68	15.78	15.84	15.97	15.49	15.23	15.06	15.02	14.95	
Max	15.14	16.68	15.71	16.01	16.42	17.36	16.84	15.60	15.34	15.12	15.12	14.98	17.36
Min	14.99	15.17	15.21	15.56	15.55	13.05	15.60	15.35	15.13	15.00	14.98	14.92	13.05
Annual Max Momentary Gage Height	17.78		m. (MSL.) ,			at 12.00 Hours, on Sep 29, 2007							
Zero Gage at Bottom Elevation	12.80		m. (MSL.) ,			River Bed	12.14	m. (MSL.)					
Left Bank Elevation	24.36		m. (MSL.) ,										
Right Bank Elevation	21.98		m. (MSL.) ,			Drainage Are	548	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	8.20	10.00	12.10	0.00	30.00	10.00	2.80	0.00	0.00	0.00	
2	0.00	0.20	7.60	9.40	17.20	15.10	20.50	9.70	2.60	0.00	0.00	0.00	
3	0.00	0.40	7.00	10.30	13.00	13.60	16.80	9.40	2.60	0.00	0.00	0.00	
4	0.00	1.00	6.40	14.20	10.30	13.30	15.40	9.10	2.20	0.00	0.00	0.00	
5	0.00	7.90	6.70	13.90	9.40	13.90	53.20	8.80	2.00	0.00	0.00	0.00	
6	0.00	13.30	5.80	25.50	8.80	14.20	67.50	8.50	2.00	0.00	0.00	0.00	
7	0.00	19.20	5.50	18.40	8.80	12.70	69.60	8.20	1.80	0.00	0.00	0.00	
8	0.00	18.40	5.20	15.10	8.50	12.40	35.00	7.90	1.40	0.00	0.00	0.00	
9	0.00	14.80	3.80	13.30	8.50	11.50	24.50	7.90	1.20	0.00	0.00	0.00	
10	0.00	19.20	3.00	11.50	8.50	11.20	19.20	7.60	1.00	0.00	0.00	0.00	
11	0.00	24.50	2.60	12.40	9.40	11.80	73.80	7.30	1.00	0.00	0.00	0.00	
12	0.00	19.60	2.20	11.20	13.90	13.30	48.40	7.30	0.80	0.00	0.00	0.00	
13	0.00	10.60	2.20	10.30	14.20	11.20	36.50	7.30	0.80	0.00	0.00	0.00	
14	0.00	13.60	1.80	9.70	13.00	10.60	44.20	7.60	0.80	0.00	0.00	0.00	
15	0.00	62.80	1.40	9.70	12.10	11.50	30.00	7.90	1.20	0.00	0.00	0.00	
16	0.00	43.60	1.00	10.00	10.90	14.80	23.50	7.30	1.40	0.00	0.00	0.00	
17	0.00	22.50	0.80	10.00	14.20	58.00	19.60	7.30	0.80	0.00	0.00	0.00	
18	0.00	13.30	0.60	15.70	47.20	41.20	17.20	7.30	0.20	0.00	0.00	0.00	
19	0.00	11.80	0.40	12.40	34.00	37.50	15.70	7.00	0.00	0.00	0.00	0.00	
20	0.00	10.30	0.20	11.50	17.60	35.00	14.50	6.70	0.00	0.00	0.00	0.00	
21	0.00	9.10	4.00	13.60	22.00	20.00	13.90	6.40	0.00	0.00	0.00	0.00	
22	0.00	8.20	4.60	16.40	19.60	34.50	13.00	6.40	0.00	0.00	0.00	0.00	
23	0.00	7.90	6.10	12.40	16.80	19.60	12.40	5.80	0.00	0.00	0.00	0.00	
24	0.00	7.60	7.00	15.70	15.10	15.70	11.80	5.20	0.00	0.00	0.00	0.00	
25	0.00	7.30	6.40	13.60	13.00	20.50	11.50	4.60	0.00	0.00	0.00	0.00	
26	0.00	7.00	6.40	12.40	12.10	15.10	10.90	4.00	0.00	0.00	0.00	0.00	
27	0.00	6.70	11.20	10.30	12.10	14.20	10.90	3.80	0.00	0.00	0.00	0.00	
28	0.00	7.90	13.30	10.30	25.50	33.00	10.60	3.60	0.00	0.00	0.00	0.00	
29	0.00	7.60	11.50	9.40	33.00	110.20	10.60	3.40	0.00	0.00	0.00	0.00	
30	0.00	9.10	10.60	8.80	33.50	59.80	10.00	3.00	0.00	0.00	0.00	0.00	
31	0.00	9.70		8.80	23.00		10.00		0.00	0.00		0.00	
Total	0.00	415.10	153.50	386.20	517.30	705.40	800.70	206.30	26.60	0.00	0.00	0.00	3211.10 CMSDAY
Mean	0.00	13.39	5.12	12.46	16.69	23.51	25.83	6.88	0.86	0.00	0.00	0.00	8.77 CMS
Max	0.00	62.80	13.30	25.50	47.20	110.20	73.80	10.00	2.80	0.00	0.00	0.00	110.20 CMS
Min	0.00	0.00	0.20	8.80	8.50	0.00	10.00	3.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	35.86	13.26	33.37	44.69	60.95	69.18	17.82	2.30	0.00	0.00	0.00	277.44 MCM
Momentary Peak	141.40	CMS, at 17.78 m. (MSL), at 12.00 Hours, on Sep 29, 2007											
Runoff Yield	16.05	Liters/Second/Square KM.		Momentary Peak Yield		258.03	Liters/Second/Square KM.						

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khwaeng Nam Sai at Ban Saphan Hin , Prachin Buri (Kgt.33)

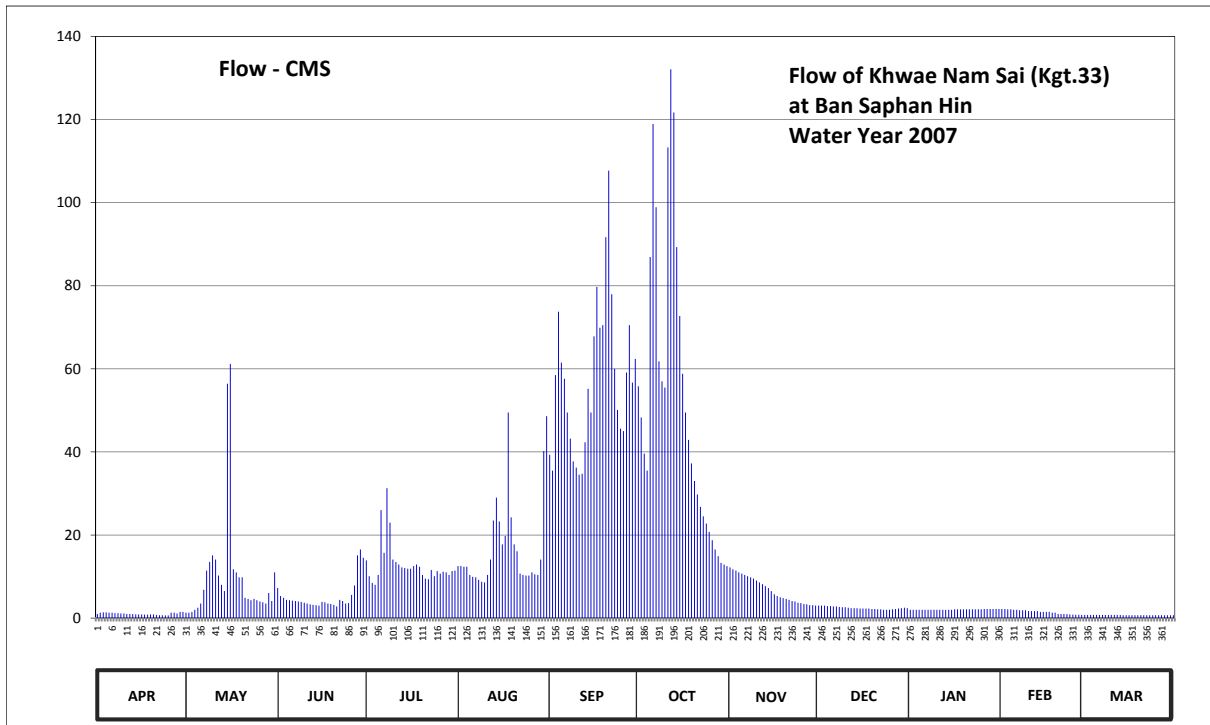
Lat 14 - 07 - 55 N Long 101 - 43 - 52 E

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	Staff gage.		
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	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	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 22 discharge measurements made in 2007.		

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

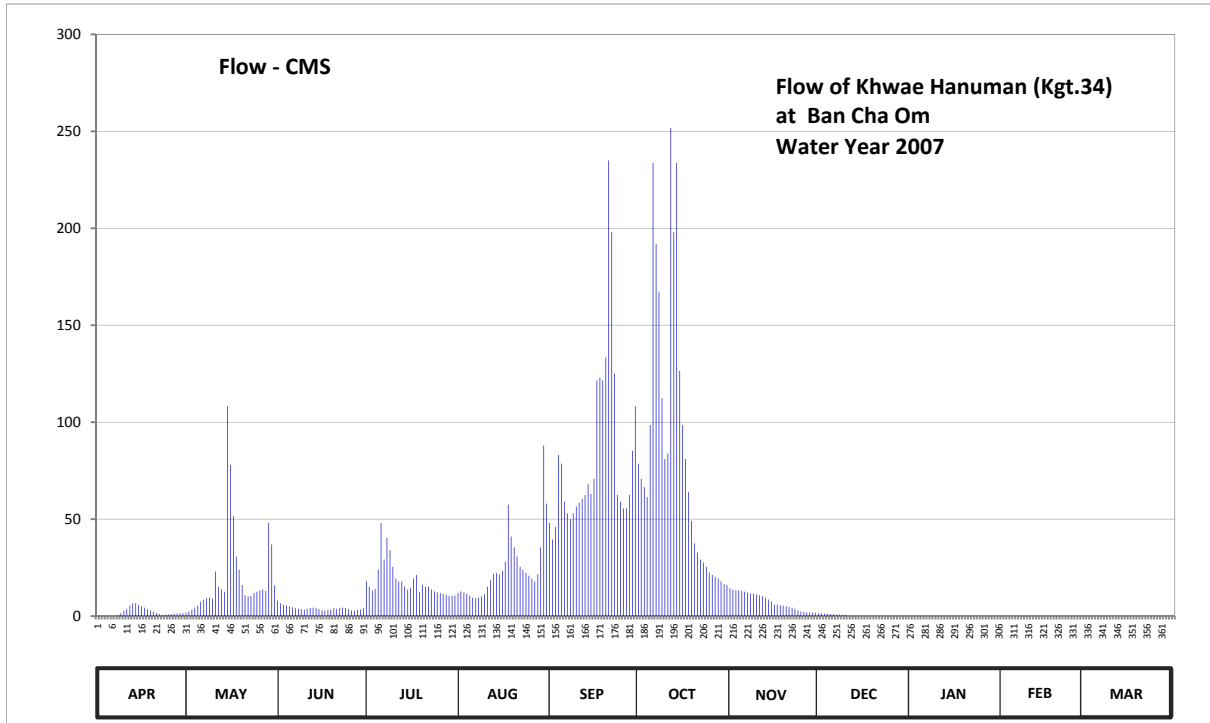
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	0.83	1.35	1.77	1.70	2.81	3.36	1.68	1.00	0.90	0.92	0.75	
2	0.83	0.83	1.22	1.54	1.70	2.66	3.11	1.65	1.00	0.90	0.92	0.75	
3	0.84	0.85	1.19	1.43	1.69	3.45	2.82	1.63	1.00	0.90	0.91	0.75	
4	0.84	0.90	1.14	1.40	1.69	3.95	2.66	1.60	0.99	0.90	0.91	0.75	
5	0.83	0.95	1.13	1.56	1.56	3.55	4.31	1.58	0.99	0.90	0.90	0.75	
6	0.83	1.05	1.12	2.28	1.53	3.42	5.11	1.56	0.98	0.90	0.90	0.75	
7	0.82	1.32	1.11	1.86	1.52	3.15	4.61	1.54	0.98	0.90	0.89	0.75	
8	0.82	1.63	1.10	2.49	1.48	2.94	3.56	1.52	0.97	0.90	0.89	0.75	
9	0.81	1.75	1.09	2.16	1.45	2.75	3.40	1.50	0.96	0.90	0.89	0.75	
10	0.81	1.83	1.07	1.78	1.44	2.69	3.35	1.47	0.96	0.90	0.87	0.75	
11	0.80	1.78	1.05	1.75	1.56	2.62	4.97	1.44	0.95	0.90	0.87	0.75	
12	0.80	1.55	1.03	1.72	1.78	2.63	5.44	1.41	0.94	0.90	0.87	0.75	
13	0.79	1.40	1.02	1.68	2.18	2.91	5.18	1.38	0.94	0.90	0.87	0.75	
14	0.78	1.30	1.01	1.67	2.40	3.34	4.37	1.35	0.94	0.90	0.85	0.74	
15	0.78	3.38	1.00	1.66	2.17	3.15	3.92	1.30	0.93	0.90	0.85	0.74	
16	0.78	3.54	1.09	1.66	1.95	3.76	3.46	1.25	0.93	0.91	0.85	0.74	
17	0.77	1.65	1.08	1.70	2.03	4.12	3.15	1.22	0.93	0.91	0.85	0.74	
18	0.77	1.60	1.05	1.72	3.15	3.83	2.93	1.20	0.93	0.91	0.83	0.74	
19	0.78	1.52	1.04	1.69	2.21	3.85	2.73	1.18	0.92	0.91	0.83	0.74	
20	0.78	1.52	1.02	1.56	1.95	4.43	2.56	1.16	0.92	0.91	0.80	0.74	
21	0.75	1.19	0.98	1.50	1.88	4.83	2.43	1.14	0.91	0.91	0.80	0.74	
22	0.74	1.16	1.14	1.49	1.58	4.07	2.31	1.11	0.91	0.91	0.80	0.74	
23	0.74	1.13	1.11	1.64	1.56	3.50	2.22	1.10	0.90	0.91	0.79	0.74	
24	0.73	1.16	1.05	1.54	1.55	3.17	2.15	1.07	0.90	0.91	0.78	0.74	
25	0.73	1.13	1.06	1.62	1.55	3.02	2.07	1.06	0.90	0.91	0.77	0.74	
26	0.83	1.10	1.24	1.58	1.60	3.00	1.99	1.04	0.91	0.92	0.76	0.74	
27	0.83	1.08	1.39	1.61	1.57	3.47	1.90	1.03	0.92	0.92	0.76	0.74	
28	0.81	1.05	1.83	1.60	1.56	3.85	1.82	1.01	0.93	0.92	0.75	0.74	
29	0.85	1.27	1.90	1.56	1.78	3.39	1.74	1.01	0.94	0.92	0.75	0.74	
30	0.85	1.11	1.80	1.62	2.84	3.58	1.72	1.00	0.95	0.92	0.75	0.74	
31		1.60		1.63	3.12		1.70		0.94	0.92		0.74	
Mean	0.80	1.42	1.18	1.69	1.86	3.40	3.13	1.31	0.94	0.91	0.84	0.74	
Max	0.85	3.54	1.90	2.49	3.15	4.83	5.44	1.68	1.00	0.92	0.92	0.75	5.44
Min	0.73	0.83	0.98	1.40	1.44	2.62	1.70	1.00	0.90	0.90	0.75	0.74	0.73
Annual Max Momentary Gage Height	5.58		m. (A.D.),			at 12.00 Hours, on Oct 12, 2007							
Zero Gage at Bottom Elevation	0.00		m. (A.D.),			River Bed 0.14		m. (A.D.),					
Left Bank Elevation		10.57		m. (A.D.),									
Right Bank Elevation		10.86		m. (A.D.),		Drainage Area 617		Square Kilometers					



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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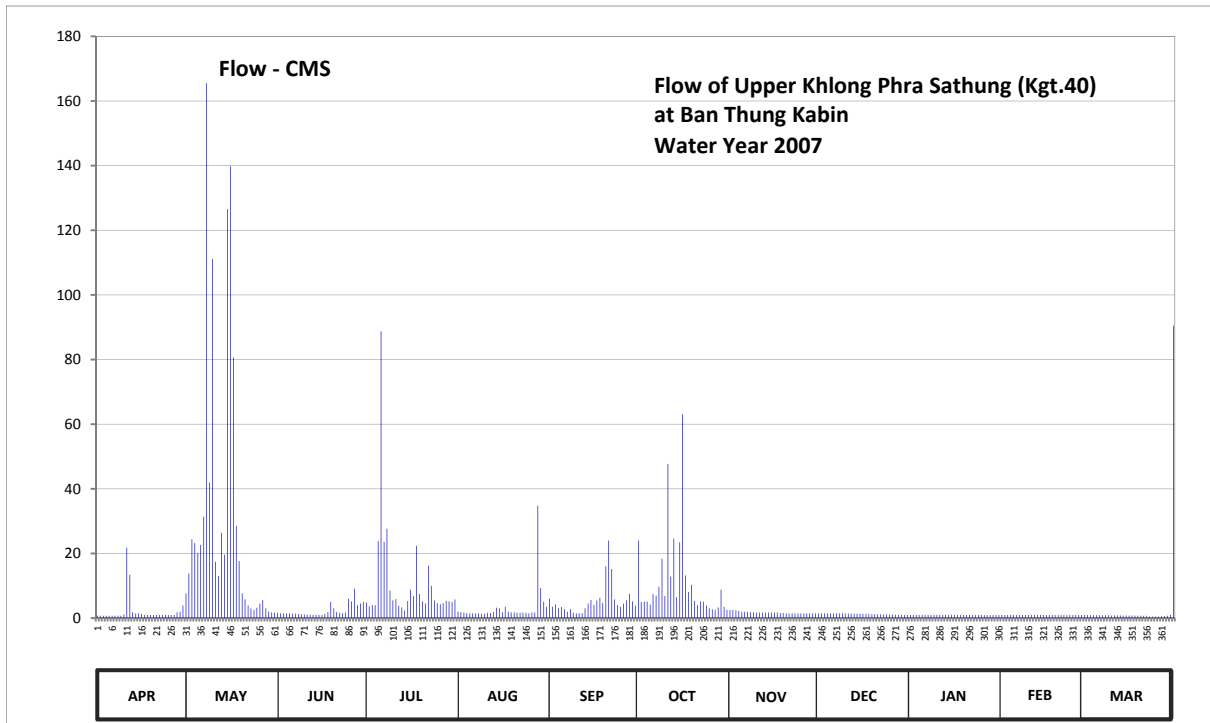
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.00	1.30	7.25	13.90	12.50	39.30	55.80	12.20	3.00	2.00	2.20	0.75	
2	1.30	1.30	5.30	10.10	12.50	35.50	48.30	11.75	3.00	2.00	2.20	0.75	
3	1.40	1.50	4.90	8.45	12.35	58.50	39.60	11.45	3.00	2.00	2.10	0.75	
4	1.40	2.00	4.40	8.00	12.35	73.75	35.50	11.00	2.90	2.00	2.10	0.75	
5	1.30	2.50	4.30	10.40	10.40	61.50	86.90	10.70	2.90	2.00	2.00	0.75	
6	1.30	3.50	4.20	26.00	9.95	57.60	118.90	10.40	2.80	2.00	2.00	0.75	
7	1.20	6.80	4.10	15.70	9.80	49.50	98.90	10.10	2.80	2.00	1.90	0.75	
8	1.20	11.45	4.00	31.25	9.20	43.20	61.80	9.80	2.70	2.00	1.90	0.75	
9	1.10	13.50	3.90	23.00	8.75	37.75	57.00	9.50	2.60	2.00	1.90	0.75	
10	1.10	15.10	3.70	14.10	8.60	36.25	55.50	9.05	2.60	2.00	1.70	0.75	
11	1.00	14.10	3.50	13.50	10.40	34.50	113.30	8.60	2.50	2.00	1.70	0.75	
12	1.00	10.25	3.30	12.90	14.10	34.75	132.10	8.15	2.40	2.00	1.70	0.75	
13	0.95	8.00	3.20	12.20	23.50	42.30	121.70	7.70	2.40	2.00	1.70	0.75	
14	0.90	6.50	3.10	12.05	29.00	55.20	89.30	7.25	2.40	2.00	1.50	0.70	
15	0.90	56.40	3.00	11.90	23.25	49.50	72.70	6.50	2.30	2.00	1.50	0.70	
16	0.90	61.20	3.90	11.90	17.75	67.80	58.80	5.75	2.30	2.10	1.50	0.70	
17	0.85	11.75	3.80	12.50	19.75	79.70	49.50	5.30	2.30	2.10	1.50	0.70	
18	0.85	11.00	3.50	12.90	49.50	69.90	42.90	5.00	2.30	2.10	1.30	0.70	
19	0.90	9.80	3.40	12.35	24.25	70.50	37.25	4.80	2.20	2.10	1.30	0.70	
20	0.90	9.80	3.20	10.40	17.75	91.70	33.00	4.60	2.20	2.10	1.00	0.70	
21	0.75	4.90	2.80	9.50	16.10	107.70	29.75	4.40	2.10	2.10	1.00	0.70	
22	0.70	4.60	4.40	9.35	10.70	77.95	26.75	4.10	2.10	2.10	1.00	0.70	
23	0.70	4.30	4.10	11.60	10.40	60.00	24.50	4.00	2.00	2.10	0.95	0.70	
24	0.65	4.60	3.50	10.10	10.25	50.10	22.75	3.70	2.00	2.10	0.90	0.70	
25	0.65	4.30	3.60	11.30	10.25	45.60	20.75	3.60	2.00	2.10	0.85	0.70	
26	1.30	4.00	5.60	10.70	11.00	45.00	18.75	3.40	2.10	2.20	0.80	0.70	
27	1.30	3.80	7.85	11.15	10.55	59.10	16.50	3.30	2.20	2.20	0.80	0.70	
28	1.10	3.50	15.10	11.00	10.40	70.50	14.90	3.10	2.30	2.20	0.75	0.70	
29	1.50	6.05	16.50	10.40	14.10	56.70	13.30	3.10	2.40	2.20	0.75	0.70	
30	1.50	4.10	14.50	11.30	40.20	62.40	12.90	3.00	2.50	2.20		0.70	
31		11.00		11.45	48.60		12.50		2.40	2.20		0.70	
Total	31.60	312.90	157.90	401.35	528.20	1723.75	1622.10	205.30	75.70	64.20	42.50	22.35	5187.85 CMSDAY
Mean	1.05	10.09	5.26	12.95	17.04	57.46	52.33	6.84	2.44	2.07	1.47	0.72	14.17 CMS
Max	1.50	61.20	16.50	31.25	49.50	107.70	132.10	12.20	3.00	2.20	2.20	0.75	132.10 CMS
Min	0.65	1.30	2.80	8.00	8.60	34.50	12.50	3.00	2.00	2.00	0.75	0.70	0.65 CMS
Runoff	2.73	27.03	13.64	34.68	45.64	148.93	140.15	17.74	6.54	5.55	3.67	1.93	448.23 MCM
Momentary Peak	137.70	CMS, at 5.58 m. (A.D.), at 12.00 Hours, on Oct 12, 2007											
Runoff Yield	23.03	Liters/Second/Square KM.		Momentary Peak Yield		223.10	Liters/Second/Square KM.						



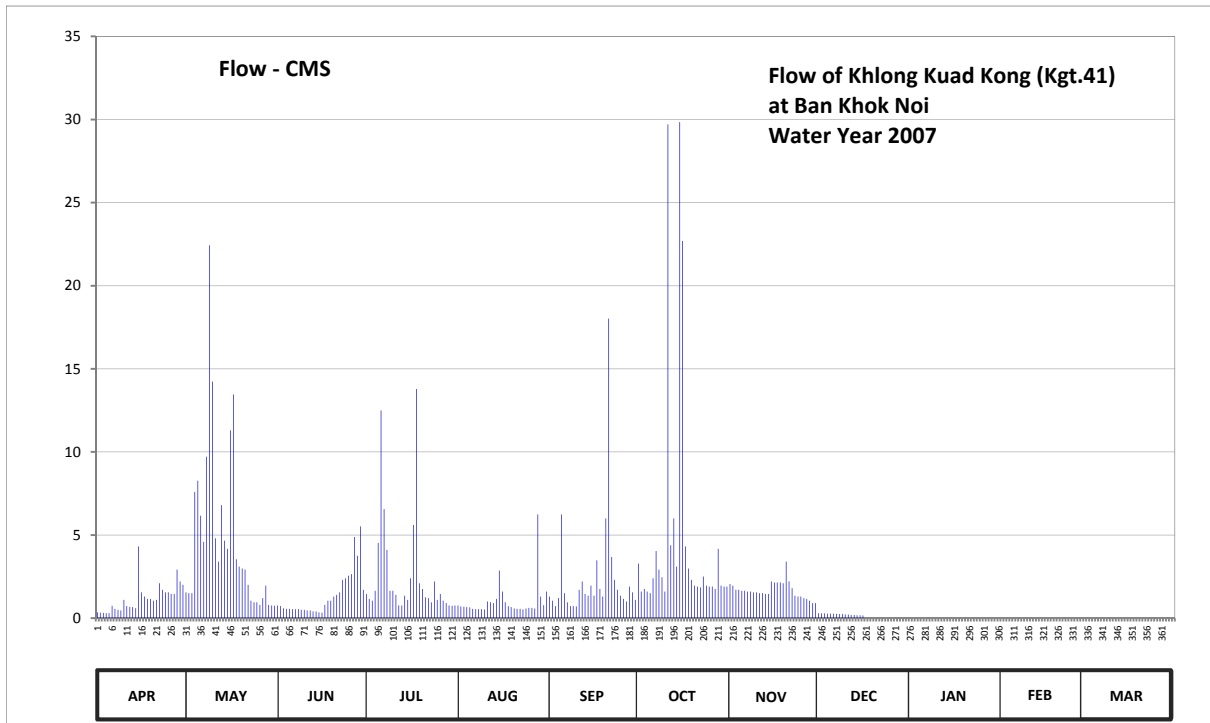
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.80	8.00	17.90	12.00	48.00	78.60	14.30	1.50	0.00	0.00	0.00	
2	0.00	2.40	6.60	15.20	12.80	39.50	70.80	13.60	1.40	0.00	0.00	0.00	
3	0.00	3.40	5.80	13.20	12.20	46.00	66.50	13.40	1.30	0.00	0.00	0.00	
4	0.00	4.40	5.40	14.00	11.40	83.10	61.50	13.20	1.20	0.00	0.00	0.00	
5	0.00	5.40	5.00	23.90	10.60	78.60	98.50	13.00	1.10	0.00	0.00	0.00	
6	0.00	7.40	4.60	48.00	9.60	59.00	233.80	12.60	1.00	0.00	0.00	0.00	
7	0.00	8.40	4.00	29.20	9.20	53.00	192.00	12.20	0.80	0.00	0.00	0.00	
8	0.50	9.20	3.80	40.50	9.60	50.00	167.40	11.80	0.80	0.00	0.00	0.00	
9	1.50	9.60	3.60	34.00	10.20	53.00	112.50	11.60	0.70	0.00	0.00	0.00	
10	2.80	9.00	3.40	25.40	11.40	56.50	81.00	11.20	0.60	0.00	0.00	0.00	
11	3.80	23.00	3.80	19.40	15.20	58.50	83.80	10.80	0.00	0.00	0.00	0.00	
12	5.40	14.90	4.20	17.90	18.50	60.50	251.80	10.20	0.00	0.00	0.00	0.00	
13	6.60	13.80	4.40	17.90	21.80	62.50	198.00	9.60	0.00	0.00	0.00	0.00	
14	6.60	12.60	4.20	15.20	22.10	68.00	233.80	8.60	0.00	0.00	0.00	0.00	
15	5.80	108.30	3.60	13.60	21.50	63.00	126.50	7.60	0.00	0.00	0.00	0.00	
16	5.00	78.00	3.00	14.60	23.30	70.80	98.50	6.00	0.00	0.00	0.00	0.00	
17	4.40	51.50	2.80	19.40	28.00	121.60	81.00	6.00	0.00	0.00	0.00	0.00	
18	3.60	30.80	3.20	21.20	57.50	123.00	64.00	5.60	0.00	0.00	0.00	0.00	
19	3.00	23.90	3.40	12.40	41.00	121.60	49.00	5.40	0.00	0.00	0.00	0.00	
20	2.20	16.10	4.20	16.10	35.50	133.40	37.50	5.20	0.00	0.00	0.00	0.00	
21	1.60	10.80	3.80	15.20	30.80	235.00	32.80	4.80	0.00	0.00	0.00	0.00	
22	1.00	10.20	4.20	15.20	25.40	198.00	29.20	4.40	0.00	0.00	0.00	0.00	
23	0.50	10.40	4.40	13.80	23.90	125.10	27.60	3.80	0.00	0.00	0.00	0.00	
24	0.70	12.00	4.20	12.80	22.40	62.50	25.40	3.00	0.00	0.00	0.00	0.00	
25	0.80	12.60	3.60	12.20	20.90	59.00	22.40	2.40	0.00	0.00	0.00	0.00	
26	1.00	13.20	3.00	11.80	19.40	55.50	21.20	2.20	0.00	0.00	0.00	0.00	
27	1.20	13.80	2.80	11.40	17.90	55.50	20.30	2.00	0.00	0.00	0.00	0.00	
28	1.30	13.00	3.20	11.00	21.50	62.50	19.40	1.90	0.00	0.00	0.00	0.00	
29	1.40	48.00	3.40	10.40	35.50	85.20	17.90	1.80	0.00	0.00	0.00	0.00	
30	1.50	37.00	4.20	10.40	88.00	108.30	16.40	1.70	0.00	0.00	0.00	0.00	
31	15.80			10.60	58.00		16.10		0.00	0.00		0.00	
Total	62.20	630.70	123.80	563.80	757.10	2496.20	2635.20	229.90	10.40	0.00	0.00	0.00	7509.30 CMSDAY
Mean	2.07	20.35	4.13	18.19	24.42	83.21	85.01	7.66	0.34	0.00	0.00	0.00	20.52 CMS
Max	6.60	108.30	8.00	48.00	88.00	235.00	251.80	14.30	1.50	0.00	0.00	0.00	251.80 CMS
Min	0.00	1.80	2.80	10.40	9.20	39.50	16.10	1.70	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	5.37	54.49	10.70	48.71	65.41	215.67	227.68	19.86	0.90	0.00	0.00	0.00	648.80 MCM
Momentary Peak	272.20	CMS, at 5.01 m. (A.D.), at 12.00 Hours, on Oct 12, 2007											
Runoff Yield	17.00	Liters/Second/Square KM. Momentary Peak Yield 224.96 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.75	7.60	1.65	4.80	2.00	6.00	24.00	2.50	1.50	1.00	1.00	0.95		
2	0.75	13.80	1.50	3.60	1.85	3.50	5.00	2.50	1.50	1.00	1.00	0.95		
3	0.75	24.40	1.50	4.00	1.75	4.20	5.10	2.40	1.50	1.00	1.00	0.95		
4	0.75	23.20	1.50	4.00	1.55	3.00	5.10	2.20	1.50	1.00	1.00	0.95		
5	0.75	20.20	1.50	23.80	1.50	3.40	4.20	2.00	1.50	1.00	1.00	0.90		
6	0.75	22.60	1.40	88.75	1.50	2.80	7.45	2.00	1.50	1.00	1.00	0.90		
7	0.75	31.40	1.40	23.60	1.50	2.00	7.00	1.95	1.50	1.00	1.00	0.90		
8	0.75	165.50	1.25	27.60	1.50	2.80	9.70	1.85	1.50	1.00	1.00	0.90		
9	0.75	42.00	1.25	8.50	1.35	1.70	18.40	1.80	1.50	1.00	1.00	0.90		
10	1.15	111.15	1.15	5.50	1.40	1.50	6.90	1.75	1.45	1.00	1.00	0.85		
11	21.80	17.40	1.10	5.90	1.65	1.50	47.75	1.75	1.45	1.05	1.00	0.85		
12	13.40	13.00	1.10	3.80	1.60	1.55	12.85	1.75	1.40	1.05	1.00	0.85		
13	1.85	26.40	1.05	3.30	1.90	3.00	24.60	1.75	1.40	1.05	1.00	0.85		
14	1.50	19.60	1.00	2.30	3.20	4.50	6.50	1.75	1.35	1.05	1.00	0.80		
15	1.50	126.55	1.00	5.30	3.00	5.60	23.40	1.75	1.35	1.05	1.00	0.80		
16	1.30	139.80	1.00	8.80	1.85	4.10	63.10	1.75	1.35	1.00	0.95	0.80		
17	1.00	80.70	1.35	6.80	3.50	5.50	13.20	1.75	1.35	1.00	0.95	0.80		
18	1.00	28.60	1.90	22.40	2.00	6.30	8.05	1.60	1.30	1.00	0.95	0.80		
19	1.00	17.60	5.00	7.45	1.80	4.70	10.30	1.60	1.25	1.00	0.95	0.75		
20	1.00	7.60	3.00	5.20	1.75	16.00	5.30	1.50	1.25	1.00	0.95	0.75		
21	1.00	5.80	1.95	4.50	1.65	24.00	4.00	1.50	1.20	1.00	0.95	0.75		
22	1.00	3.90	1.70	16.20	1.65	15.20	5.20	1.50	1.20	1.00	0.95	0.75		
23	1.00	3.00	1.50	10.00	1.75	5.80	5.10	1.50	1.15	1.00	0.95	0.50		
24	1.00	2.50	1.75	5.50	1.65	4.00	3.90	1.50	1.15	1.00	0.95	0.50		
25	1.00	3.20	6.00	4.60	1.50	3.50	3.00	1.50	1.10	1.00	0.95	0.50		
26	1.00	4.50	5.20	4.30	1.75	4.50	2.70	1.50	1.10	0.95	0.95	0.50		
27	1.00	5.60	9.10	4.60	1.75	5.50	2.50	1.50	1.05	0.95	0.95	0.60		
28	1.80	3.00	4.00	5.40	34.80	7.45	3.30	1.50	1.05	0.95	0.95	0.65		
29	2.00	2.00	4.50	5.20	9.25	5.20	8.80	1.50	1.00	0.95	0.95	0.75		
30	3.90	1.80	5.00	5.00	5.10	3.80	3.50	1.50	1.00	0.95		1.00		
31		1.75		5.80	3.50		2.50		1.00	0.95		90.50		
Total	67.95	976.15	72.30	336.50	102.50	162.60	352.40	52.90	40.40	30.95	28.30	114.20	2337.15	CMSDAY
Mean	2.27	31.49	2.41	10.85	3.31	5.42	11.37	1.76	1.30	1.00	0.98	3.68	6.39	CMS
Max	21.80	165.50	9.10	88.75	34.80	24.00	63.10	2.50	1.50	1.05	1.00	90.50	165.50	CMS
Min	0.75	1.75	1.00	2.30	1.35	1.50	2.50	1.50	1.00	0.95	0.95	0.50	0.50	CMS
Runoff	5.87	84.34	6.25	29.07	8.86	14.05	30.45	4.57	3.49	2.67	2.45	9.87	201.93	MCM
Momentary Peak		166.50		CMS, at 6.43 m. (A.D.), at 15.00 Hours, on May 8, 2007										
Runoff Yield		11.16		Liters/Second/Square KM.		Momentary Peak Yield	290.07		Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.35	1.55	0.76	1.45	0.76	1.30	3.28	2.05	0.30	0.00	0.00	0.00	
2	0.33	1.50	0.72	1.15	0.70	1.05	1.60	1.95	0.29	0.00	0.00	0.00	
3	0.32	1.50	0.60	1.05	0.68	0.72	1.75	1.70	0.29	0.00	0.00	0.00	
4	0.30	7.60	0.56	1.65	0.66	1.20	1.60	1.70	0.27	0.00	0.00	0.00	
5	0.30	8.27	0.56	4.52	0.64	6.24	1.50	1.65	0.27	0.00	0.00	0.00	
6	0.74	6.16	0.54	12.50	0.56	1.50	2.40	1.65	0.27	0.00	0.00	0.00	
7	0.56	4.59	0.54	6.56	0.54	0.95	4.03	1.60	0.26	0.00	0.00	0.00	
8	0.50	9.71	0.54	4.10	0.54	0.72	2.92	1.60	0.25	0.00	0.00	0.00	
9	0.46	22.43	0.50	1.65	0.54	0.72	2.45	1.55	0.25	0.00	0.00	0.00	
10	1.10	14.23	0.50	1.65	0.52	0.70	1.60	1.55	0.22	0.00	0.00	0.00	
11	0.72	4.80	0.46	1.40	1.00	1.70	29.71	1.50	0.22	0.00	0.00	0.00	
12	0.68	3.40	0.46	0.76	0.95	2.20	4.38	1.50	0.19	0.00	0.00	0.00	
13	0.66	6.80	0.40	0.76	0.90	1.45	6.00	1.45	0.19	0.00	0.00	0.00	
14	0.60	4.66	0.40	1.35	1.15	1.35	3.10	1.45	0.17	0.00	0.00	0.00	
15	4.31	4.17	0.35	1.10	2.86	1.95	29.84	2.20	0.17	0.00	0.00	0.00	
16	1.55	11.30	0.33	2.40	1.60	1.35	22.69	2.15	0.16	0.00	0.00	0.00	
17	1.30	13.46	0.80	5.60	0.95	3.47	4.31	2.15	0.00	0.00	0.00	0.00	
18	1.15	3.54	1.05	13.79	0.72	1.75	2.98	2.15	0.00	0.00	0.00	0.00	
19	1.15	3.10	1.05	2.10	0.66	1.30	2.30	2.10	0.00	0.00	0.00	0.00	
20	1.05	2.98	1.30	1.75	0.58	6.00	1.95	3.40	0.00	0.00	0.00	0.00	
21	1.10	2.92	1.40	1.25	0.56	18.02	1.90	2.20	0.00	0.00	0.00	0.00	
22	2.10	2.00	1.55	1.20	0.56	3.68	1.85	1.80	0.00	0.00	0.00	0.00	
23	1.70	1.05	2.30	0.95	0.52	2.30	2.50	1.35	0.00	0.00	0.00	0.00	
24	1.55	0.95	2.40	2.20	0.58	1.70	1.95	1.30	0.00	0.00	0.00	0.00	
25	1.55	0.95	2.55	1.10	0.62	1.35	1.90	1.30	0.00	0.00	0.00	0.00	
26	1.45	0.80	2.65	1.45	0.62	1.15	1.90	1.20	0.00	0.00	0.00	0.00	
27	1.45	1.20	4.88	1.05	0.58	1.00	1.75	1.15	0.00	0.00	0.00	0.00	
28	2.92	1.95	3.75	0.90	6.24	1.90	4.17	1.05	0.00	0.00	0.00	0.00	
29	2.20	0.80	5.52	0.76	1.30	1.55	1.95	0.90	0.00	0.00	0.00	0.00	
30	2.00	0.76	1.70	0.74	0.78	1.10	1.90	0.90	0.00	0.00	0.00	0.00	
31		0.74		0.76	1.60		1.90		0.00	0.00		0.00	
Total	36.15	149.87	41.12	79.65	31.47	71.37	154.06	50.20	3.77	0.00	0.00	0.00	617.66 CMSDAY
Mean	1.21	4.83	1.37	2.57	1.02	2.38	4.97	1.67	0.12	0.00	0.00	0.00	1.69 CMS
Max	4.31	22.43	5.52	13.79	6.24	18.02	29.84	3.40	0.30	0.00	0.00	0.00	29.84 CMS
Min	0.30	0.74	0.33	0.74	0.52	0.70	1.50	0.90	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	3.12	12.95	3.55	6.88	2.72	6.17	13.31	4.34	0.33	0.00	0.00	0.00	53.37 MCM
Momentary Peak	45.35	CMS, at 4.85 M. (A.D),	at 18.00 Hours, on Oct 11, 2007										
Runoff Yield	13.76	Liters/Second/Square KM.		Momentary Peak Yield	368.70	Liters/Second/Square KM.							

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Khlong Phra Sathung at Ban Tharapha , Sa Kao (Kgt.42)

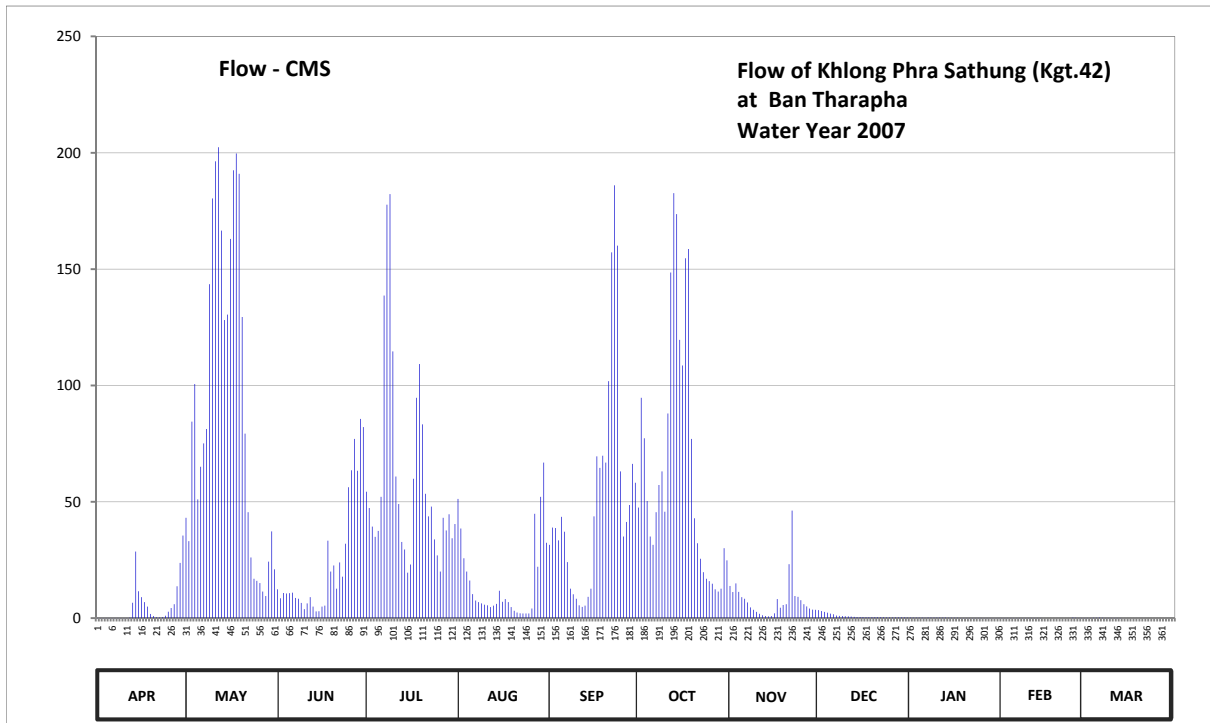
Lat 13 - 59 - 21 N Long 101 - 57 - 30 E

Location : on left bank at the bridge.

	Ban Tharapha	Amphoe Mueang	Changwat Sa Kao
Drainage Area	2,558 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	+24.312 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 with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.06	17.60	15.84	18.11	17.97	17.02	17.80	15.95	15.00	14.23	14.05	14.07	
2	14.06	17.11	15.52	17.79	17.39	17.41	19.59	15.74	14.95	14.22	14.05	14.07	
3	14.05	19.25	15.71	17.43	16.70	17.40	19.00	16.03	14.90	14.21	14.05	14.08	
4	14.05	19.78	15.69	17.21	16.37	17.13	17.93	15.75	14.85	14.20	14.05	14.14	
5	14.04	17.96	15.70	17.34	16.12	17.62	17.22	15.56	14.79	14.18	14.05	14.16	
6	14.04	18.55	15.72	18.01	15.67	17.32	17.02	15.50	14.73	14.16	14.05	14.17	
7	14.04	18.92	15.53	20.93	15.44	16.61	17.71	15.36	14.62	14.17	14.05	14.11	
8	14.05	19.14	15.50	22.01	15.38	15.86	18.23	15.13	14.59	14.18	14.05	14.06	
9	14.06	21.07	15.34	22.13	15.32	15.66	18.47	15.02	14.56	14.19	14.05	14.06	
10	14.07	22.08	15.05	20.22	15.26	15.50	17.72	14.90	14.53	14.20	14.05	14.05	
11	14.08	22.50	15.32	18.38	15.23	15.23	19.37	14.77	14.52	14.21	14.04	14.03	
12	14.20	22.66	15.56	17.87	15.15	15.16	21.21	14.65	14.49	14.19	14.04	14.03	
13	15.35	21.71	15.17	17.09	15.22	15.22	22.14	14.56	14.45	14.18	14.03	14.03	
14	16.86	20.62	14.93	16.91	15.30	15.57	21.90	14.51	14.41	14.16	14.03	14.02	
15	15.77	20.69	14.94	16.34	15.79	15.86	20.37	14.56	14.39	14.14	14.02	14.01	
16	15.56	21.61	15.17	16.55	15.39	17.63	20.03	14.81	14.38	14.12	14.02	14.00	
17	15.38	22.40	15.22	18.34	15.49	18.72	21.38	15.49	14.37	14.10	14.01	13.99	
18	15.17	22.59	17.12	19.59	15.38	18.53	21.49	15.12	14.36	14.08	14.00	13.99	
19	14.75	22.36	16.37	20.05	15.15	18.73	18.99	15.25	14.35	14.06	14.00	13.98	
20	14.56	20.66	16.53	19.21	14.97	18.62	17.59	15.29	14.34	14.05	13.99	13.97	
21	14.37	19.07	15.86	18.07	14.86	19.82	17.06	16.56	14.33	14.05	13.99	13.97	
22	14.24	17.71	16.60	17.63	14.81	21.45	16.69	17.74	14.32	14.05	13.99	13.96	
23	14.40	16.72	16.23	17.82	14.80	22.23	16.35	15.60	14.31	14.05	14.00	13.96	
24	14.60	16.17	17.05	17.15	14.80	21.53	16.17	15.57	14.30	14.05	14.01	13.95	
25	14.91	16.11	18.19	16.77	14.80	18.47	16.10	15.45	14.29	14.05	14.20	13.95	
26	15.10	16.04	18.49	16.37	15.08	17.22	16.02	15.29	14.28	14.05	14.16	13.95	
27	15.29	15.76	18.99	17.60	17.68	17.52	15.84	15.18	14.27	14.05	14.09	13.95	
28	15.94	15.60	18.48	17.35	16.50	17.85	15.76	15.08	14.26	14.05	14.08	13.94	
29	16.59	16.62	19.29	17.67	18.01	18.60	15.86	15.03	14.25	14.05	14.07	13.94	
30	17.24	17.33	19.17	17.18	18.62	18.27	16.94	15.02	14.24	14.05		13.94	
31		16.43		17.48	17.07		16.65		14.23	14.05		13.94	
Mean	14.83	19.12	16.34	18.15	15.86	17.66	18.21	15.35	14.47	14.12	14.04	14.02	
Max	17.24	22.66	19.29	22.13	18.62	22.23	22.14	17.74	15.00	14.23	14.20	14.17	22.66
Min	14.04	15.60	14.93	16.34	14.80	15.16	15.76	14.51	14.23	14.05	13.99	13.94	13.94
Annual Max Momentary Gage Height	22.68		m. (MSL.) ,				at 08.00 Hours, on May 12, 2007						
Zero Gage at Bottom Elevation	13.86		m. (MSL.) ,			River Bed	13.97	m. (MSL)					
Left Bank Elevation	24.98		m. (MSL.) ,										
Right Bank Elevation	24.82		m. (MSL.) ,			Drainage Are	2,558	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	43.10	12.38	54.34	51.24	31.46	47.50	13.80	3.40	0.23	0.05	0.07	
2	0.06	33.08	8.54	47.28	38.50	38.92	94.69	11.18	3.05	0.22	0.05	0.07	
3	0.05	84.45	10.82	39.36	25.70	38.70	77.30	14.92	2.70	0.21	0.05	0.08	
4	0.05	100.58	10.58	34.90	20.02	33.44	50.36	11.30	2.35	0.20	0.05	0.14	
5	0.04	51.02	10.70	37.50	16.18	43.54	35.10	9.02	1.95	0.18	0.05	0.16	
6	0.04	65.05	10.94	52.12	10.34	37.10	31.46	8.30	1.65	0.16	0.05	0.17	
7	0.04	75.06	8.66	138.62	7.58	24.08	45.52	6.70	1.10	0.17	0.05	0.11	
8	0.05	81.26	8.30	177.68	6.90	12.62	57.22	4.57	0.97	0.18	0.05	0.06	
9	0.06	143.52	6.50	182.24	6.30	10.22	63.05	3.58	0.88	0.19	0.05	0.06	
10	0.07	180.34	3.85	114.64	5.74	8.30	45.74	2.70	0.79	0.20	0.05	0.05	
11	0.08	196.30	6.30	60.82	5.47	5.47	87.93	1.85	0.76	0.21	0.04	0.03	
12	0.20	202.38	9.02	49.04	4.75	4.84	148.56	1.25	0.67	0.19	0.04	0.03	
13	6.60	166.57	4.93	32.72	5.38	5.38	182.62	0.88	0.55	0.18	0.03	0.03	
14	28.58	128.08	2.91	29.48	6.10	9.14	173.60	0.73	0.43	0.16	0.03	0.02	
15	11.54	130.46	2.98	19.54	11.78	12.62	119.58	0.88	0.39	0.14	0.02	0.01	
16	9.02	162.96	4.93	23.00	7.00	43.76	108.56	2.07	0.38	0.12	0.02	0.00	
17	6.90	192.50	5.38	59.86	8.18	69.54	154.68	8.18	0.37	0.10	0.01	0.00	
18	4.93	199.72	33.26	94.69	6.90	64.55	158.64	4.48	0.36	0.08	0.00	0.00	
19	1.75	190.98	20.02	109.20	4.75	69.81	77.02	5.65	0.35	0.06	0.00	0.00	
20	0.88	129.44	22.64	83.29	3.19	66.84	42.88	6.01	0.34	0.05	0.00	0.00	
21	0.37	79.26	12.62	53.44	2.42	101.84	32.18	23.18	0.33	0.05	0.00	0.00	
22	0.24	45.52	23.90	43.76	2.07	157.20	25.52	46.18	0.32	0.05	0.00	0.00	
23	0.40	26.06	17.78	47.94	2.00	186.04	19.70	9.50	0.31	0.05	0.00	0.00	
24	1.00	16.88	32.00	33.80	2.00	160.08	16.88	9.14	0.30	0.05	0.01	0.00	
25	2.77	16.04	56.26	26.96	2.00	63.05	15.90	7.70	0.29	0.05	0.20	0.00	
26	4.30	15.06	63.55	20.02	4.12	35.10	14.78	6.01	0.28	0.05	0.16	0.00	
27	6.01	11.42	77.02	43.10	44.86	41.34	12.38	5.02	0.27	0.05	0.09	0.00	
28	13.66	9.50	63.30	37.70	22.10	48.60	11.42	4.12	0.26	0.05	0.08	0.00	
29	23.72	24.26	85.61	44.64	52.12	66.30	12.62	3.67	0.25	0.05	0.07	0.00	
30	35.50	37.30	82.13	34.34	66.84	58.18	30.02	3.58	0.24	0.05	0.00	0.00	
31		20.98		40.46	32.36		24.80		0.23	0.05		0.00	
Total	158.97	2859.13	717.81	1866.48	484.89	1548.06	2018.21	236.15	26.52	3.78	1.30	1.09	9922.39 CMSDAY
Mean	5.30	92.23	23.93	60.21	15.64	51.60	65.10	7.87	0.86	0.12	0.04	0.04	27.11 CMS
Max	35.50	202.38	85.61	182.24	66.84	186.04	182.62	46.18	3.40	0.23	0.20	0.17	202.38 CMS
Min	0.04	9.50	2.91	19.54	2.00	4.84	11.42	0.73	0.23	0.05	0.00	0.00	0.00 CMS
Runoff	13.74	247.03	62.02	161.26	41.89	133.75	174.37	20.40	2.29	0.33	0.11	0.09	857.29 MCM
Momentary Peak	203.14		CMS, at 22.68 m. (MSL), at 08.00 Hours, on May 12, 2007										
Runoff Yield	10.63		Liters/Second/Square KM.				Momentary Peak Yield 79.41						Liters/Second/Square KM.

WATER YEAR : 2007

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 good. Flow effected by the local weir. Stage-discharge relation defined by 27 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

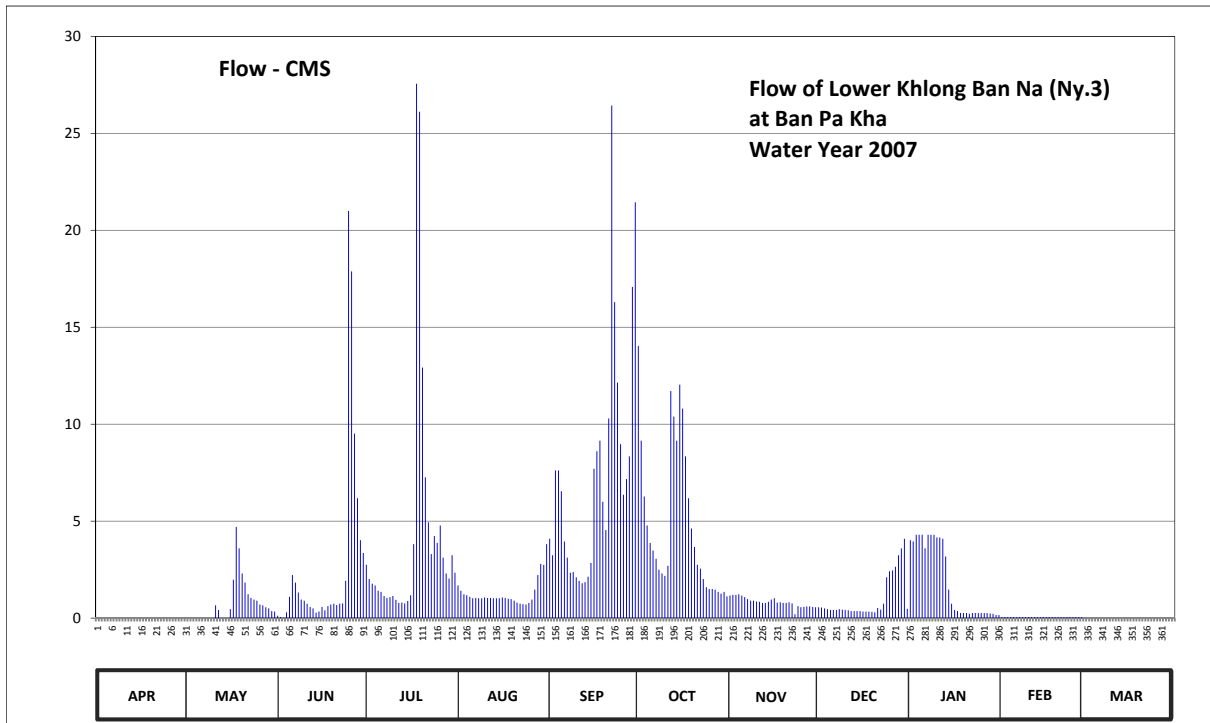
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.76	6.73	6.86	7.85	7.56	8.07	9.12	7.38	7.08	8.06	6.83	6.73	
2	6.76	6.73	6.83	7.67	7.47	7.94	8.65	7.40	7.07	8.05	6.83	6.73	
3	6.76	6.73	6.81	7.59	7.41	8.48	8.33	7.40	7.05	8.10	6.83	6.73	
4	6.76	6.72	6.95	7.56	7.39	8.48	8.16	7.41	7.03	8.10	6.83	6.73	
5	6.76	6.72	7.35	7.47	7.35	8.36	8.04	7.38	7.01	8.10	6.83	6.73	
6	6.76	6.72	7.73	7.45	7.31	8.05	7.98	7.34	7.01	8.00	6.83	6.73	
7	6.76	6.73	7.61	7.37	7.32	7.92	7.91	7.29	7.01	8.10	6.83	6.73	
8	6.76	6.73	7.44	7.32	7.31	7.76	7.80	7.25	7.03	8.10	6.83	6.73	
9	6.76	6.73	7.28	7.34	7.31	7.77	7.75	7.25	7.02	8.10	6.83	6.73	
10	6.75	6.78	7.25	7.37	7.33	7.70	7.72	7.23	7.01	8.08	6.83	6.73	
11	6.75	7.13	7.17	7.27	7.32	7.64	7.84	7.22	7.00	8.08	6.83	6.73	
12	6.75	7.01	7.09	7.19	7.32	7.60	8.91	7.19	6.98	8.07	6.83	6.73	
13	6.75	6.78	7.05	7.20	7.31	7.62	8.78	7.19	6.98	7.93	6.83	6.73	
14	6.75	6.78	6.94	7.18	7.31	7.71	8.65	7.22	6.98	7.49	6.83	6.73	
15	6.74	6.78	6.97	7.24	7.31	7.87	8.94	7.28	6.98	7.17	6.83	6.73	
16	6.74	7.03	7.09	7.39	7.33	8.49	8.82	7.31	6.97	7.01	6.83	6.73	
17	6.74	7.66	7.00	8.03	7.32	8.59	8.56	7.20	6.97	6.98	6.83	6.73	
18	6.74	8.15	7.11	10.06	7.30	8.65	8.32	7.21	6.97	6.93	6.83	6.73	
19	6.74	8.00	7.15	9.97	7.29	8.30	8.14	7.19	6.96	6.93	6.83	6.73	
20	6.73	7.75	7.17	9.02	7.25	8.13	8.01	7.19	6.95	6.93	6.83	6.73	
21	6.73	7.61	7.14	8.44	7.20	8.77	7.85	7.21	7.06	6.91	6.83	6.73	
22	6.73	7.41	7.17	8.18	7.17	9.99	7.81	7.18	7.02	6.93	6.83	6.73	
23	6.73	7.32	7.18	7.95	7.16	9.30	7.67	6.90	7.17	6.93	6.83	6.73	
24	6.72	7.28	7.64	8.09	7.15	8.95	7.53	7.11	7.70	6.93	6.83	6.73	
25	6.72	7.25	9.64	8.04	7.19	8.63	7.50	7.08	7.78	6.93	6.83	6.73	
26	6.72	7.15	9.42	8.16	7.28	8.34	7.50	7.09	7.79	6.93	6.83	6.73	
27	6.72	7.13	8.69	7.92	7.49	8.43	7.49	7.10	7.83	6.93	6.83	6.73	
28	6.73	7.08	8.32	7.75	7.73	8.56	7.45	7.10	7.94	6.92	6.83	6.73	
29	6.73	7.05	8.06	7.68	7.86	9.36	7.42	7.09	8.00	6.91	6.83	6.73	
30	6.73	6.98	7.96	7.94	7.85	9.67	7.45	7.08	8.07	6.88	6.83	6.73	
31		6.97		7.76	8.03		7.36		7.04	6.88	6.83	6.73	
Mean	6.74	7.08	7.47	7.85	7.38	8.37	8.05	7.22	7.21	7.43	6.83	6.73	
Max	6.76	8.15	9.64	10.06	8.03	9.99	9.12	7.41	8.07	8.10	6.83	6.73	10.06
Min	6.72	6.72	6.81	7.18	7.15	7.60	7.36	6.90	6.95	6.88	6.83	6.73	6.72
Annual Max Momentary Gage Height	10.37												
Zero Gage at Bottom Elevation	6.33												
Left Bank Elevation	13.11												
Right Bank Elevation	13.61												
Annual Max Momentary Gage Height													
Zero Gage at Bottom Elevation													
Left Bank Elevation													
Right Bank Elevation													
Annual Max Momentary Gage Height													
Zero Gage at Bottom Elevation													
Left Bank Elevation													
Right Bank Elevation													

Annual Max Momentary Gage Height 10.37 m. (MSL.) , at 18.00 Hours , on Jul 18, 2007

Zero Gage at Bottom Elevation 6.33 m. (MSL.) , River Bed 6.39 m. (MSL.)

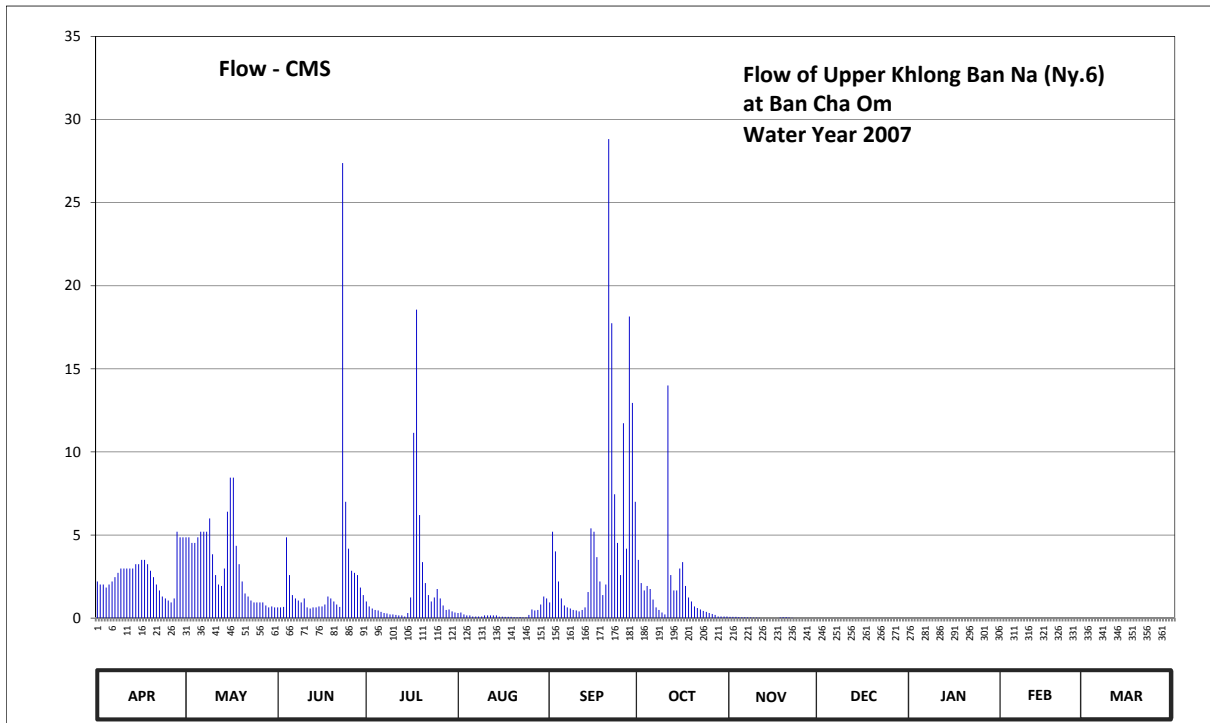
Left Bank Elevation 13.11 m. (MSL.) ,

Right Bank Elevation 13.61 m. (MSL.) , Drainage Area 203 Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.12	2.75	1.68	4.09	14.04	1.16	0.56	4.02	0.06	0.00	
2	0.00	0.00	0.06	2.01	1.41	3.24	9.15	1.20	0.54	3.95	0.06	0.00	
3	0.00	0.00	0.02	1.77	1.23	7.62	6.27	1.20	0.50	4.30	0.06	0.00	
4	0.00	0.00	0.30	1.68	1.18	7.62	4.78	1.23	0.46	4.30	0.06	0.00	
5	0.00	0.00	1.10	1.41	1.10	6.54	3.88	1.16	0.42	4.30	0.06	0.00	
6	0.00	0.00	2.22	1.35	1.02	3.95	3.48	1.08	0.42	3.60	0.06	0.00	
7	0.00	0.00	1.83	1.14	1.04	3.12	3.06	0.98	0.42	4.30	0.06	0.00	
8	0.00	0.00	1.32	1.04	1.02	2.34	2.50	0.90	0.46	4.30	0.06	0.00	
9	0.00	0.00	0.96	1.08	1.02	2.38	2.30	0.90	0.44	4.30	0.06	0.00	
10	0.00	0.00	0.90	1.14	1.06	2.10	2.18	0.86	0.42	4.16	0.06	0.00	
11	0.00	0.66	0.74	0.94	1.04	1.92	2.70	0.84	0.40	4.16	0.06	0.00	
12	0.00	0.42	0.58	0.78	1.04	1.80	11.71	0.78	0.36	4.09	0.06	0.00	
13	0.00	0.00	0.50	0.80	1.02	1.86	10.40	0.78	0.36	3.18	0.06	0.00	
14	0.00	0.00	0.28	0.76	1.02	2.14	9.15	0.84	0.36	1.47	0.06	0.00	
15	0.00	0.00	0.34	0.88	1.02	2.85	12.04	0.96	0.36	0.74	0.06	0.00	
16	0.00	0.46	0.58	1.18	1.06	7.71	10.80	1.02	0.34	0.42	0.06	0.00	
17	0.00	1.98	0.40	3.81	1.04	8.61	8.34	0.80	0.34	0.36	0.06	0.00	
18	0.00	4.70	0.62	27.56	1.00	9.15	6.18	0.82	0.34	0.26	0.06	0.00	
19	0.00	3.60	0.70	26.12	0.98	6.00	4.62	0.78	0.32	0.26	0.06	0.00	
20	0.00	2.30	0.74	12.92	0.90	4.54	3.67	0.78	0.30	0.26	0.06	0.00	
21	0.00	1.83	0.68	7.26	0.80	10.30	2.75	0.82	0.52	0.22	0.06	0.00	
22	0.00	1.23	0.74	4.94	0.74	26.44	2.55	0.76	0.44	0.26	0.06	0.00	
23	0.00	1.04	0.76	3.30	0.72	16.30	2.01	0.20	0.74	0.26	0.06	0.00	
24	0.00	0.96	1.92	4.23	0.70	12.15	1.59	0.62	2.10	0.26	0.06	0.00	
25	0.00	0.90	21.00	3.88	0.78	8.97	1.50	0.56	2.42	0.26	0.06	0.00	
26	0.00	0.70	17.88	4.78	0.96	6.36	1.50	0.58	2.46	0.26	0.06	0.00	
27	0.00	0.66	9.51	3.12	1.47	7.17	1.47	0.60	2.65	0.26	0.06	0.00	
28	0.00	0.56	6.18	2.30	2.22	8.34	1.35	0.60	3.24	0.24	0.06	0.00	
29	0.00	0.50	4.02	2.04	2.80	17.08	1.26	0.58	3.60	0.22	0.06	0.00	
30	0.00	0.36	3.36	3.24	2.75	21.45	1.35	0.56	4.09	0.16	0.00	0.00	
31	0.00	0.34		2.34	3.81		1.12		0.48	0.16		0.00	
Total	0.00	23.20	80.36	132.55	39.63	224.14	149.70	24.95	30.86	59.29	1.74	0.00	766.42 CMSDAY
Mean	0.00	0.75	2.68	4.28	1.28	7.47	4.83	0.83	1.00	1.91	0.06	0.00	2.09 CMS
Max	0.00	4.70	21.00	27.56	3.81	26.44	14.04	1.23	4.09	4.30	0.06	0.00	27.56 CMS
Min	0.00	0.00	0.02	0.76	0.70	1.80	1.12	0.20	0.30	0.16	0.06	0.00	0.00 CMS
Runoff	0.00	2.00	6.94	11.45	3.42	19.37	12.93	2.16	2.67	5.12	0.15	0.00	66.22 MCM
Momentary Peak	32.69	CMS.	at 10.37 m. (MSL.)	at 18.00 Hours	on Jul 18, 2007								
Runoff Yield	10.33	Liters/Second/Square KM.			Momentary Peak Yield	160.88	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.20	4.86	0.64	1.00	0.31	0.94	3.50	0.08	0.00	0.00	0.00	0.00	
2	2.02	4.86	0.64	0.70	0.34	5.20	2.11	0.08	0.00	0.00	0.00	0.00	
3	2.02	4.52	0.67	0.58	0.22	4.01	1.66	0.08	0.00	0.00	0.00	0.00	
4	1.84	4.52	4.86	0.49	0.16	2.20	1.93	0.06	0.00	0.00	0.00	0.00	
5	2.02	4.86	2.59	0.46	0.16	1.18	1.75	0.05	0.00	0.00	0.00	0.00	
6	2.20	5.20	1.39	0.37	0.10	0.76	1.12	0.05	0.00	0.00	0.00	0.00	
7	2.46	5.20	1.18	0.31	0.10	0.64	0.64	0.04	0.00	0.00	0.00	0.00	
8	2.72	5.20	1.06	0.28	0.10	0.58	0.49	0.04	0.00	0.00	0.00	0.00	
9	2.98	6.00	0.94	0.22	0.10	0.49	0.34	0.03	0.00	0.00	0.00	0.00	
10	2.98	3.84	1.18	0.22	0.16	0.46	0.22	0.03	0.00	0.00	0.00	0.00	
11	2.98	2.59	0.64	0.19	0.16	0.40	14.00	0.02	0.00	0.00	0.00	0.00	
12	2.98	2.02	0.58	0.16	0.16	0.49	2.59	0.00	0.00	0.00	0.00	0.00	
13	2.98	1.93	0.64	0.16	0.16	0.64	1.66	0.00	0.00	0.00	0.00	0.00	
14	3.24	2.98	0.64	0.10	0.16	1.57	1.66	0.00	0.00	0.00	0.00	0.00	
15	3.24	6.40	0.70	0.31	0.09	5.40	2.98	0.00	0.00	0.00	0.00	0.00	
16	3.50	8.45	0.70	1.24	0.09	5.20	3.37	0.00	0.00	0.00	0.00	0.00	
17	3.50	8.45	0.82	11.15	0.08	3.67	1.93	0.00	0.00	0.00	0.00	0.00	
18	3.24	4.35	1.30	18.56	0.08	2.20	1.24	0.04	0.00	0.00	0.00	0.00	
19	2.85	3.24	1.18	6.20	0.08	1.39	1.00	0.06	0.00	0.00	0.00	0.00	
20	2.46	2.20	1.00	3.37	0.06	2.02	0.70	0.06	0.00	0.00	0.00	0.00	
21	2.02	1.48	0.82	2.11	0.05	28.82	0.61	0.04	0.00	0.00	0.00	0.00	
22	1.66	1.30	0.67	1.39	0.07	17.74	0.52	0.02	0.00	0.00	0.00	0.00	
23	1.30	1.06	27.38	1.00	0.05	7.45	0.43	0.00	0.00	0.00	0.00	0.00	
24	1.18	0.94	7.00	1.24	0.05	4.52	0.37	0.00	0.00	0.00	0.00	0.00	
25	1.06	0.94	4.18	1.75	0.19	2.59	0.31	0.00	0.00	0.00	0.00	0.00	
26	0.94	0.94	2.85	1.18	0.52	11.73	0.25	0.00	0.00	0.00	0.00	0.00	
27	1.18	0.94	2.72	0.76	0.46	4.18	0.19	0.00	0.00	0.00	0.00	0.00	
28	5.20	0.76	2.59	0.49	0.49	18.15	0.10	0.00	0.00	0.00	0.00	0.00	
29	4.86	0.64	1.84	0.52	0.82	12.95	0.10	0.00	0.00	0.00	0.00	0.00	
30	4.86	0.70	1.39	0.40	1.30	7.00	0.10	0.00	0.00	0.00	0.00	0.00	
31		0.64		0.34	1.18		0.10		0.00	0.00		0.00	
Total	78.67	102.01	74.79	57.25	8.05	154.57	47.97	0.78	0.00	0.00	0.00	0.00	524.09 CMSDAY
Mean	2.62	3.29	2.49	1.85	0.26	5.15	1.55	0.03	0.00	0.00	0.00	0.00	1.43 CMS
Max	5.20	8.45	27.38	18.56	1.30	28.82	14.00	0.08	0.00	0.00	0.00	0.00	28.82 CMS
Min	0.94	0.64	0.58	0.10	0.05	0.40	0.10	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	6.80	8.81	6.46	4.95	0.70	13.35	4.14	0.07	0.00	0.00	0.00	0.00	45.28 MCM
Momentary Peak	79.30	CMS.	at 33.02 m. (MSL.)	at 18.00 Hours	, on Jun 23, 2007								
Runoff Yield	11.37	Liters/Second/Square KM.		Momentary Peak Yield	628.22	Liters/Second/Square KM.							

WATER YEAR : 2007

TONLE SAP BASIN

Khlong Phra Phut at Ban Pang Ngon , Chanthaburi (TI.3)

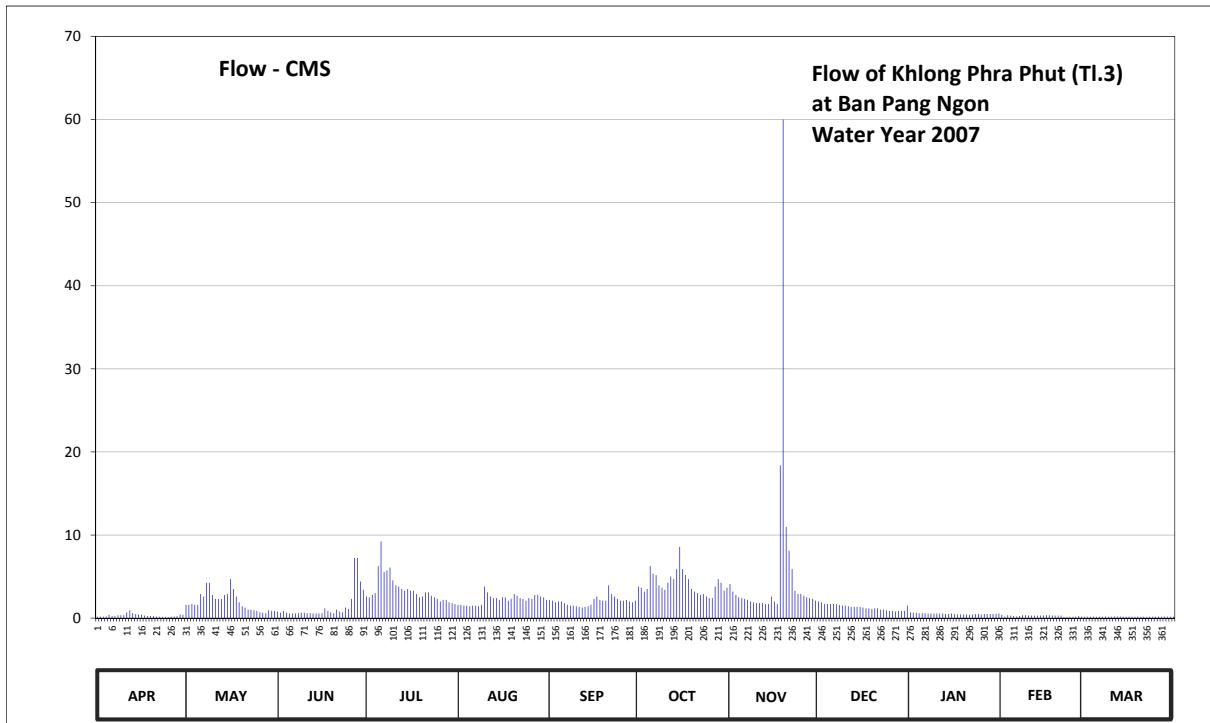
Lat 12 - 58 - 12 N Long 102 - 17 - 20 E

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	Staff gage.		
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	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	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 27 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	190.89	191.11	191.01	191.21	191.11	191.17	191.32	191.34	191.15	191.00	190.94	190.89	
2	190.90	191.11	190.99	191.20	191.11	191.16	191.31	191.27	191.14	190.99	190.90	190.89	
3	190.89	191.12	191.02	191.23	191.10	191.14	191.27	191.23	191.12	190.99	190.93	190.88	
4	190.90	191.11	190.99	191.25	191.10	191.15	191.30	191.20	191.12	190.98	190.92	190.89	
5	190.94	191.11	190.97	191.47	191.09	191.15	191.47	191.19	191.12	190.98	190.91	190.88	
6	190.91	191.24	190.97	191.61	191.10	191.13	191.42	191.18	191.12	190.98	190.90	190.89	
7	190.91	191.21	190.97	191.43	191.10	191.11	191.41	191.17	191.12	190.97	190.91	190.89	
8	190.93	191.35	190.98	191.44	191.09	191.10	191.33	191.15	191.11	190.97	190.93	190.90	
9	190.93	191.35	190.99	191.46	191.11	191.10	191.31	191.14	191.10	190.97	190.93	190.89	
10	190.93	191.23	190.99	191.37	191.32	191.09	191.29	191.13	191.10	190.97	190.92	190.89	
11	191.00	191.18	190.98	191.33	191.26	191.08	191.35	191.13	191.09	190.97	190.92	190.90	
12	191.03	191.18	190.98	191.32	191.21	191.07	191.40	191.13	191.08	190.97	190.92	190.90	
13	190.98	191.18	190.97	191.30	191.19	191.08	191.38	191.12	191.08	190.96	190.92	190.90	
14	190.96	191.23	190.97	191.28	191.19	191.09	191.45	191.12	191.08	190.96	190.92	190.90	
15	190.95	191.24	190.97	191.30	191.17	191.11	191.58	191.21	191.08	190.97	190.92	190.89	
16	190.94	191.38	190.98	191.28	191.20	191.18	191.45	191.15	191.07	190.96	190.93	190.90	
17	190.92	191.30	191.06	191.28	191.20	191.21	191.41	191.12	191.06	190.95	190.93	190.89	
18	190.91	191.21	191.02	191.24	191.16	191.17	191.38	191.91	191.06	190.95	190.92	190.89	
19	190.91	191.14	191.00	191.20	191.18	191.16	191.30	192.66	191.05	190.95	190.92	190.90	
20	190.91	191.09	190.98	191.21	191.24	191.16	191.27	191.69	191.06	190.95	190.92	190.89	
21	190.90	191.07	191.04	191.26	191.22	191.33	191.25	191.56	191.06	190.94	190.92	190.89	
22	190.89	191.04	191.01	191.26	191.19	191.24	191.23	191.45	191.04	190.95	190.88	190.88	
23	190.88	191.04	191.00	191.22	191.18	191.21	191.24	191.28	191.04	190.96	190.88	190.89	
24	190.88	191.03	191.07	191.20	191.16	191.18	191.21	191.24	191.03	190.96	190.88	190.89	
25	190.87	191.02	191.05	191.18	191.19	191.16	191.19	191.24	191.02	190.95	190.88	190.89	
26	190.90	191.00	191.18	191.15	191.18	191.16	191.19	191.22	191.02	190.96	190.89	190.89	
27	190.90	190.99	191.52	191.17	191.23	191.17	191.32	191.20	191.01	190.96	190.91	190.89	
28	190.91	190.98	191.52	191.17	191.23	191.15	191.38	191.19	191.02	190.96	190.89	190.90	
29	190.95	191.03	191.36	191.14	191.21	191.14	191.35	191.18	191.02	190.96	190.89	190.89	
30	190.94	191.02	191.29	191.13	191.20	191.16	191.28	191.16	191.02	190.96	190.88	190.89	
31		191.02		191.12	191.17		191.31		191.10	190.97		190.89	
Mean	190.92	191.14	191.06	191.27	191.17	191.15	191.33	191.30	191.07	190.97	190.91	190.89	
Max	191.03	191.38	191.52	191.61	191.32	191.33	191.58	192.66	191.15	191.00	190.94	190.90	192.66
Min	190.87	190.98	190.97	191.12	191.09	191.07	191.19	191.12	191.01	190.94	190.88	190.88	190.87
Annual Max Momentary Gage Height	193.48		m. (MSL.) ,				at 17.00 Hours ,						on Nov 18, 2007
Zero Gage at Bottom Elevation	190.68		m. (MSL.) ,			River Bed	190.50		m. (MSL.)				
Left Bank Elevation		196.61		m. (MSL.) ,									
Right Bank Elevation		196.68		m. (MSL.) ,		Drainage Are	71		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	1.60	0.78	2.60	1.60	2.20	3.80	4.10	2.00	0.70	0.40	0.18	
2	0.20	1.60	0.65	2.50	1.60	2.10	3.65	3.20	1.90	0.65	0.20	0.18	
3	0.18	1.70	0.86	2.80	1.50	1.90	3.20	2.80	1.70	0.65	0.35	0.16	
4	0.20	1.60	0.65	3.00	1.50	2.00	3.50	2.50	1.70	0.60	0.30	0.18	
5	0.40	1.60	0.55	6.26	1.42	2.00	6.26	2.40	1.70	0.60	0.25	0.16	
6	0.25	2.90	0.55	9.22	1.50	1.80	5.36	2.30	1.70	0.60	0.20	0.18	
7	0.25	2.60	0.55	5.54	1.50	1.60	5.18	2.20	1.70	0.55	0.25	0.18	
8	0.35	4.25	0.60	5.72	1.42	1.50	3.95	2.00	1.60	0.55	0.35	0.20	
9	0.35	4.25	0.65	6.08	1.60	1.50	3.65	1.90	1.50	0.55	0.35	0.18	
10	0.35	2.80	0.65	4.55	3.80	1.42	3.40	1.80	1.50	0.55	0.30	0.18	
11	0.70	2.30	0.60	3.95	3.10	1.34	4.25	1.80	1.42	0.55	0.30	0.20	
12	0.94	2.30	0.60	3.80	2.60	1.26	5.00	1.80	1.34	0.55	0.30	0.20	
13	0.60	2.30	0.55	3.50	2.40	1.34	4.70	1.70	1.34	0.50	0.30	0.20	
14	0.50	2.80	0.55	3.30	2.40	1.42	5.90	1.70	1.34	0.50	0.30	0.20	
15	0.45	2.90	0.55	3.50	2.20	1.60	8.56	2.60	1.34	0.55	0.30	0.18	
16	0.40	4.70	0.60	3.30	2.50	2.30	5.90	2.00	1.26	0.50	0.35	0.20	
17	0.30	3.50	1.18	3.30	2.50	2.60	5.18	1.70	1.18	0.45	0.35	0.18	
18	0.25	2.60	0.86	2.90	2.10	2.20	4.70	18.38	1.18	0.45	0.30	0.18	
19	0.25	1.90	0.70	2.50	2.30	2.10	3.50	60.00	1.10	0.45	0.30	0.20	
20	0.25	1.42	0.60	2.60	2.90	2.10	3.20	10.98	1.18	0.45	0.30	0.18	
21	0.20	1.26	1.02	3.10	2.70	3.95	3.00	8.12	1.18	0.40	0.30	0.18	
22	0.18	1.02	0.78	3.10	2.40	2.90	2.80	5.90	1.02	0.45	0.16	0.16	
23	0.16	1.02	0.70	2.70	2.30	2.60	2.90	3.30	1.02	0.50	0.16	0.18	
24	0.16	0.94	1.26	2.50	2.10	2.30	2.60	2.90	0.94	0.50	0.16	0.18	
25	0.14	0.86	1.10	2.30	2.40	2.10	2.40	2.90	0.86	0.45	0.16	0.18	
26	0.20	0.70	2.30	2.00	2.30	2.10	2.40	2.70	0.86	0.50	0.18	0.18	
27	0.20	0.65	7.24	2.20	2.80	2.20	3.80	2.50	0.78	0.50	0.25	0.18	
28	0.25	0.60	7.24	2.20	2.80	2.00	4.70	2.40	0.86	0.50	0.18	0.20	
29	0.45	0.94	4.40	1.90	2.60	1.90	4.25	2.30	0.86	0.50	0.18	0.18	
30	0.40	0.86	3.40	1.80	2.50	2.10	3.30	2.10	0.86	0.50		0.18	
31		0.86		1.70	2.20		3.65		1.50	0.55		0.18	
Total	9.69	61.33	42.72	106.42	69.54	60.43	128.64	162.98	40.42	16.30	7.78	5.68	711.93 CMSDAY
Mean	0.32	1.98	1.42	3.43	2.24	2.01	4.15	5.43	1.30	0.53	0.27	0.18	1.95 CMS
Max	0.94	4.70	7.24	9.22	3.80	3.95	8.56	60.00	2.00	0.70	0.40	0.20	60.00 CMS
Min	0.14	0.60	0.55	1.70	1.42	1.26	2.40	1.70	0.78	0.40	0.16	0.16	0.14 CMS
Runoff	0.84	5.30	3.69	9.19	6.01	5.22	11.11	14.08	3.49	1.41	0.67	0.49	61.51 MCM
Momentary Peak	141.28	CMS.	at 193.48 m. (MSL.)	at 17.00 Hours, on Nov 18, 2007									
Runoff Yield	27.47	Liters/Second/Square KM.		Momentary Peak Yield	1989.86	Liters/Second/Square KM.							

WATER YEAR : 2007

TONLE SAP BASIN

Khlong Ta Kong at Ban Khlong Ta Kong , Chanthaburi (T1.4)

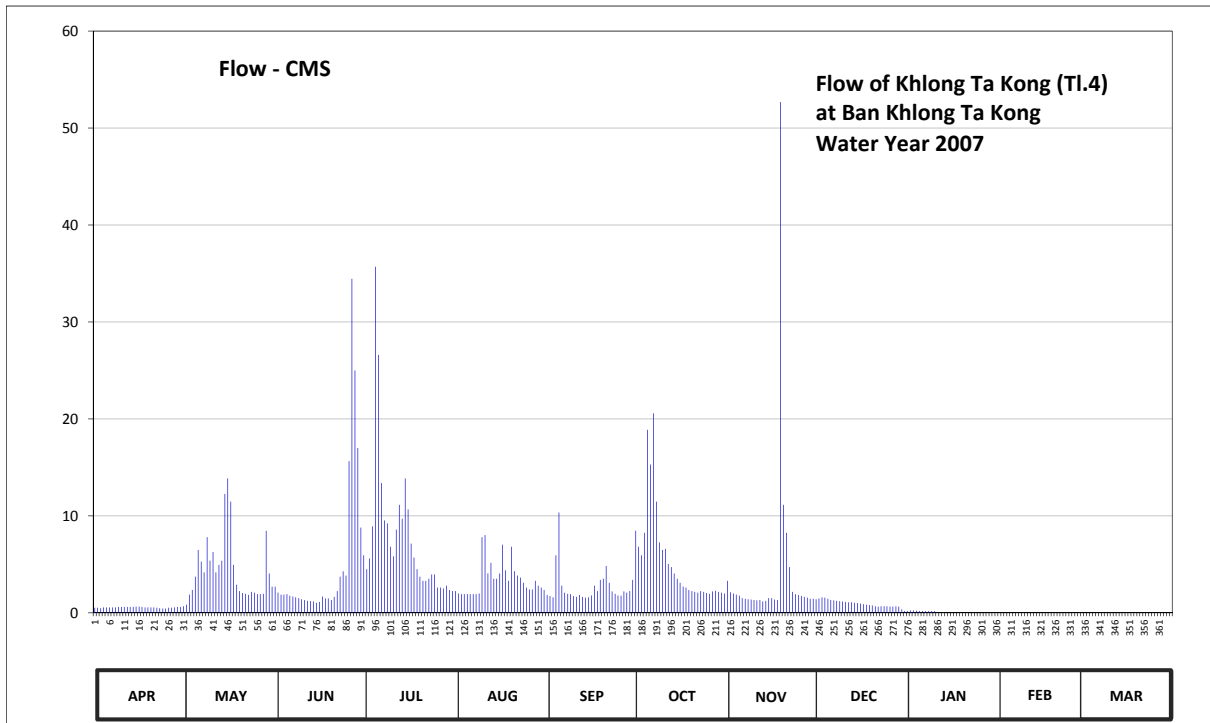
Lat 12 - 55 - 02 N Long 102 - 19 - 30 E

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 good. Flow effected by the local weir. Stage-discharge relation defined by 27 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	177.43	177.47	177.93	178.23	177.86	177.76	178.46	177.99	177.65	177.30	177.90	177.66	
2	177.43	177.51	177.82	178.10	177.80	177.73	178.31	177.83	177.67	177.32	177.90	177.63	
3	177.42	177.77	177.77	178.20	177.78	177.70	178.23	177.80	177.70	177.32	177.90	177.59	
4	177.44	177.89	177.77	178.50	177.78	178.23	178.44	177.77	177.69	177.31	177.90	177.57	
5	177.44	178.03	177.78	179.90	177.78	178.59	179.11	177.74	177.66	177.30	177.89	177.57	
6	177.44	178.28	177.74	179.52	177.78	177.94	178.90	177.68	177.63	177.30	177.88	177.56	
7	177.44	178.17	177.72	178.78	177.78	177.82	179.21	177.66	177.62	177.29	177.87	177.56	
8	177.44	178.07	177.70	178.54	177.78	177.79	178.66	177.65	177.61	177.29	177.86	177.56	
9	177.45	178.40	177.68	178.52	177.80	177.78	178.35	177.64	177.60	177.29	177.94	177.61	
10	177.45	178.18	177.65	178.31	178.40	177.73	178.28	177.63	177.59	177.29	178.00	177.66	
11	177.45	178.26	177.63	178.22	178.42	177.71	178.29	177.62	177.58	177.29	178.14	177.66	
12	177.45	178.07	177.61	178.47	178.06	177.76	178.15	177.63	177.57	177.65	178.23	177.67	
13	177.45	178.14	177.60	178.64	178.16	177.71	178.12	177.59	177.57	177.90	178.29	177.67	
14	177.45	178.18	177.59	178.55	178.01	177.69	178.06	177.61	177.56	177.99	178.27	177.66	
15	177.46	178.71	177.56	178.81	178.01	177.70	178.01	177.68	177.55	178.09	178.22	177.64	
16	177.46	178.81	177.58	178.61	178.06	177.75	177.97	177.68	177.54	178.13	178.21	177.63	
17	177.45	178.66	177.72	178.34	178.33	177.94	177.93	177.64	177.52	178.17	178.23	177.59	
18	177.44	178.14	177.67	178.21	178.09	177.86	177.92	177.63	177.51	178.20	178.24	177.55	
19	177.44	177.95	177.67	178.10	177.99	178.00	177.89	180.56	177.50	178.25	178.23	177.52	
20	177.44	177.86	177.63	178.03	178.31	178.01	177.86	178.64	177.49	178.23	178.22	177.45	
21	177.44	177.81	177.71	177.99	178.08	178.13	177.84	178.44	177.47	178.17	178.18	177.42	
22	177.43	177.79	177.86	177.99	178.04	177.97	177.82	178.12	177.46	178.15	178.14	177.40	
23	177.42	177.76	178.03	178.01	178.02	177.85	177.86	177.84	177.47	178.12	178.12	177.39	
24	177.41	177.84	178.08	178.05	177.97	177.79	177.84	177.78	177.47	178.10	178.10	177.38	
25	177.41	177.82	178.04	178.05	177.92	177.75	177.81	177.76	177.47	178.07	178.07	177.37	
26	177.43	177.78	178.92	177.92	177.90	177.74	177.79	177.73	177.46	177.99	178.12	177.36	
27	177.43	177.78	179.85	177.92	177.90	177.85	177.85	177.71	177.46	177.94	177.98	177.36	
28	177.44	177.79	179.44	177.91	177.99	177.82	177.87	177.69	177.47	177.89	177.78	177.35	
29	177.45	178.46	179.00	177.94	177.94	177.86	177.84	177.66	177.46	177.84	177.68	177.34	
30	177.45	178.06	178.49	177.89	177.92	178.00	177.82	177.66	177.38	177.79	177.79	177.32	
31		177.93		177.86	177.89		177.80		177.30	177.74		177.32	
Mean	177.44	178.04	177.97	178.33	177.99	177.87	178.14	177.87	177.54	177.76	178.05	177.52	
Max	177.46	178.81	179.85	179.90	178.42	178.59	179.21	180.56	177.70	178.25	178.29	177.67	180.56
Min	177.41	177.47	177.56	177.86	177.78	177.69	177.79	177.59	177.30	177.29	177.68	177.32	177.29
Annual Max Momentary Gage Height	181.48		m. (MSL.) ,				at 01.00 Hours ,						
Zero Gage at Bottom Elevation	176.80		m. (MSL.) ,			River Bed	176.51		m. (MSL.)				
Left Bank Elevation		186.11		m. (MSL.) ,									
Right Bank Elevation		186.01		m. (MSL.) ,		Drainage Are	86		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.52	0.68	2.70	5.93	2.24	1.84	8.46	3.30	1.40	0.20	0.00	0.00	
2	0.52	0.84	2.08	4.50	2.00	1.72	6.81	2.12	1.48	0.24	0.00	0.00	
3	0.48	1.88	1.88	5.60	1.92	1.60	5.93	2.00	1.60	0.24	0.00	0.00	
4	0.56	2.36	1.88	8.90	1.92	5.93	8.24	1.88	1.56	0.22	0.00	0.00	
5	0.56	3.73	1.92	35.70	1.92	10.34	18.87	1.76	1.44	0.20	0.00	0.00	
6	0.56	6.48	1.76	26.60	1.92	2.80	15.30	1.52	1.32	0.20	0.00	0.00	
7	0.56	5.27	1.68	13.38	1.92	2.08	20.58	1.44	1.28	0.18	0.00	0.00	
8	0.56	4.17	1.60	9.54	1.92	1.96	11.46	1.40	1.24	0.18	0.00	0.00	
9	0.60	7.80	1.52	9.22	2.00	1.92	7.25	1.36	1.20	0.18	0.00	0.00	
10	0.60	5.38	1.40	6.81	7.80	1.72	6.48	1.32	1.16	0.18	0.00	0.00	
11	0.60	6.26	1.32	5.82	8.02	1.64	6.59	1.28	1.12	0.00	0.00	0.00	
12	0.60	4.17	1.24	8.57	4.06	1.84	5.05	1.32	1.08	0.00	0.00	0.00	
13	0.60	4.94	1.20	11.14	5.16	1.64	4.72	1.16	1.08	0.00	0.00	0.00	
14	0.60	5.38	1.16	9.70	3.51	1.56	4.06	1.24	1.04	0.00	0.00	0.00	
15	0.64	12.26	1.04	13.86	3.51	1.60	3.51	1.52	1.00	0.00	0.00	0.00	
16	0.64	13.86	1.12	10.66	4.06	1.80	3.10	1.52	0.96	0.00	0.00	0.00	
17	0.60	11.46	1.68	7.14	7.03	2.80	2.70	1.36	0.88	0.00	0.00	0.00	
18	0.56	4.94	1.48	5.71	4.39	2.24	2.60	1.32	0.84	0.00	0.00	0.00	
19	0.56	2.90	1.48	4.50	3.30	3.40	2.36	52.68	0.80	0.00	0.00	0.00	
20	0.56	2.24	1.32	3.73	6.81	3.51	2.24	11.14	0.76	0.00	0.00	0.00	
21	0.56	2.04	1.64	3.30	4.28	4.83	2.16	8.24	0.68	0.00	0.00	0.00	
22	0.52	1.96	2.24	3.30	3.84	3.10	2.08	4.72	0.64	0.00	0.00	0.00	
23	0.48	1.84	3.73	3.51	3.62	2.20	2.24	2.16	0.68	0.00	0.00	0.00	
24	0.44	2.16	4.28	3.95	3.10	1.96	2.16	1.92	0.68	0.00	0.00	0.00	
25	0.44	2.08	3.84	3.95	2.60	1.80	2.04	1.84	0.68	0.00	0.00	0.00	
26	0.52	1.92	15.64	2.60	2.40	1.76	1.96	1.72	0.64	0.00	0.00	0.00	
27	0.52	1.92	34.45	2.60	2.40	2.20	2.20	1.64	0.64	0.00	0.00	0.00	
28	0.56	1.96	25.00	2.50	3.30	2.08	2.28	1.56	0.68	0.00	0.00	0.00	
29	0.60	8.46	17.00	2.80	2.80	2.24	2.16	1.44	0.64	0.00	0.00	0.00	
30	0.60	4.06	8.79	2.36	2.60	3.40	2.08	1.44	0.36	0.00	0.00	0.00	
31		2.70		2.24	2.36		2.00		0.20	0.00		0.00	
Total	16.72	138.10	148.07	240.12	108.71	79.51	169.67	119.32	29.76	2.02	0.00	0.00	1052.00 CMSDAY
Mean	0.56	4.45	4.94	7.75	3.51	2.65	5.47	3.98	0.96	0.07	0.00	0.00	2.87 CMS
Max	0.64	13.86	34.45	35.70	8.02	10.34	20.58	52.68	1.60	0.24	0.00	0.00	52.68 CMS
Min	0.44	0.68	1.04	2.24	1.92	1.56	1.96	1.16	0.20	0.00	0.00	0.00	0.00 CMS
Runoff	1.44	11.93	12.79	20.75	9.39	6.87	14.66	10.31	2.57	0.17	0.00	0.00	90.89 MCM
Momentary Peak	82.98 CMS. at 181.48 m. (MSL.) at 01.00 Hours , on Jul 6, 2007												
Runoff Yield	33.51 Liters/Second/Square KM.			Momentary Peak Yield			964.88 Liters/Second/Square KM.						

WATER YEAR : 2007

TONLE SAP BASIN

Khlong Thung Krang at Ban Thung Krang , Chanthaburi (TI.6)

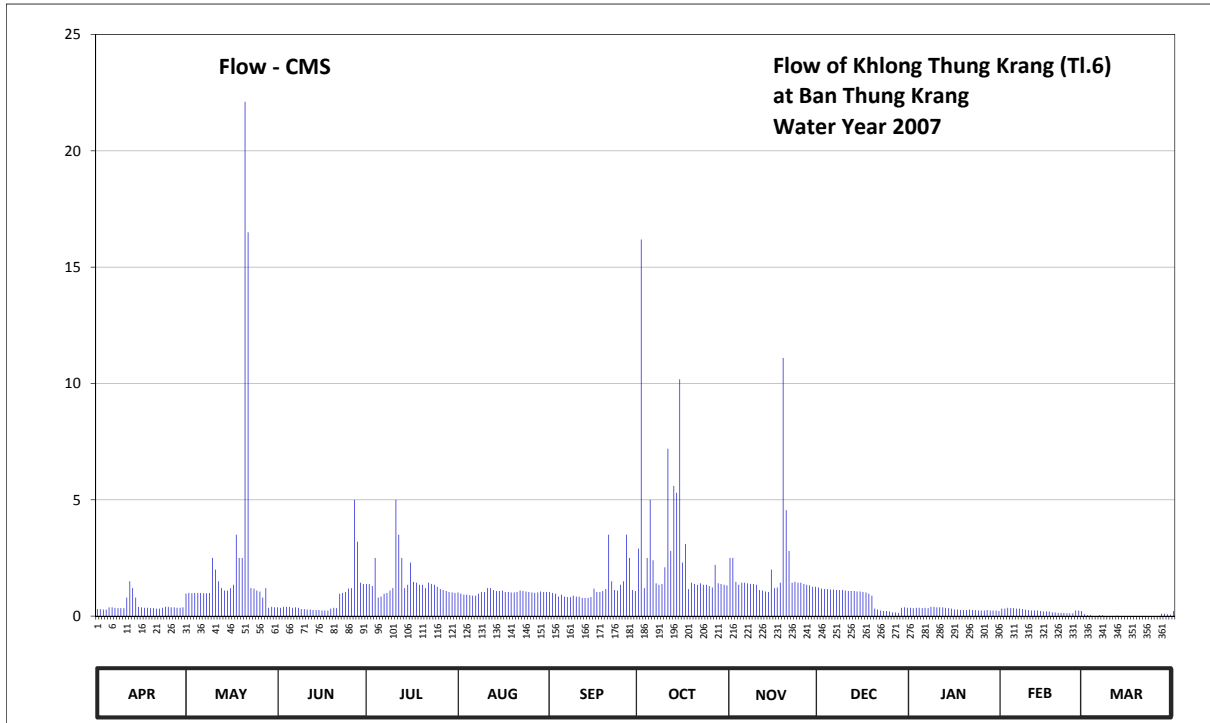
Lat 13 - 01 - 36 N Long 102 - 16 - 21 E

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 good. Stage-discharge relation defined by 27 discharge measurements made in 2007.		

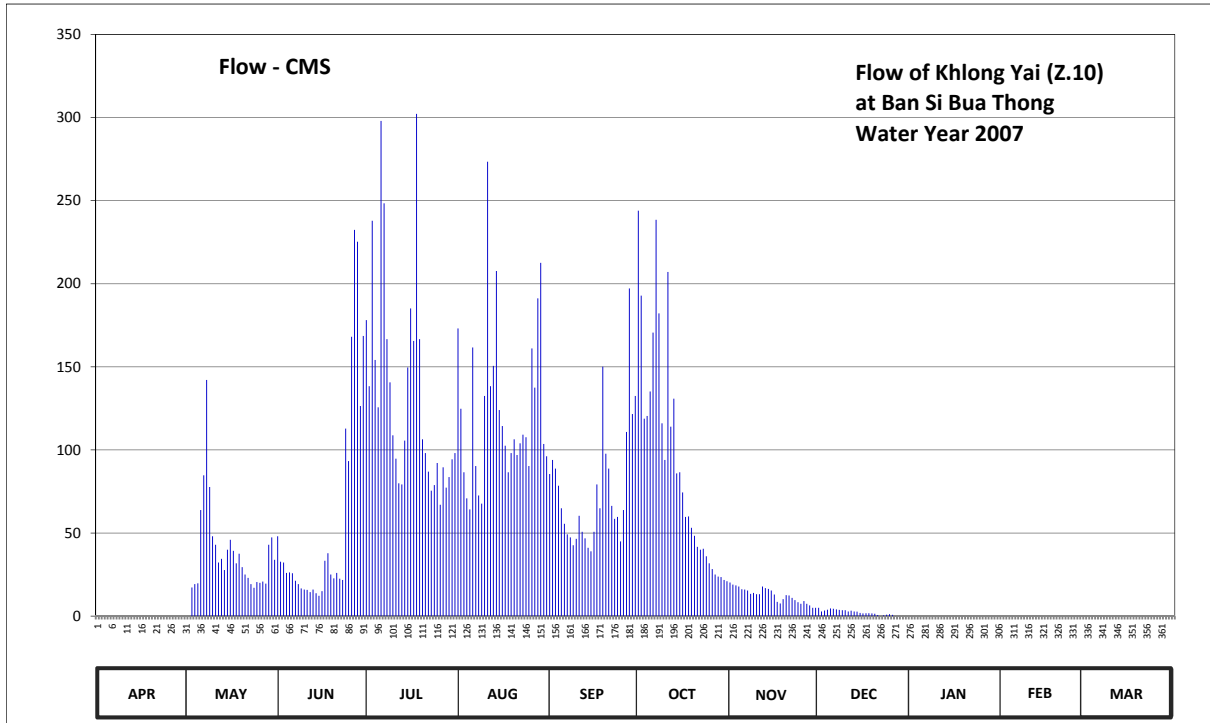
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	183.55	183.88	183.59	184.06	183.91	183.92	184.24	184.20	184.01	183.58	183.56	183.44	
2	183.55	183.90	183.58	184.06	183.88	183.90	184.89	184.20	183.99	183.57	183.56	183.42	
3	183.54	183.89	183.60	184.03	183.86	183.88	184.00	184.09	183.98	183.58	183.58	183.42	
4	183.54	183.90	183.60	184.20	183.86	183.82	184.20	184.05	183.98	183.58	183.57	183.40	
5	183.59	183.90	183.60	183.80	183.85	183.86	184.40	184.08	183.97	183.57	183.57	183.40	
6	183.59	183.90	183.58	183.82	183.84	183.82	184.19	184.08	183.97	183.58	183.56	183.42	
7	183.58	183.89	183.59	183.88	183.84	183.81	184.07	184.07	183.96	183.57	183.56	183.42	
8	183.57	183.89	183.58	183.90	183.88	183.81	184.05	184.06	183.96	183.60	183.55	183.39	
9	183.57	183.90	183.55	183.95	183.92	183.84	184.06	184.06	183.96	183.60	183.54	183.39	
10	183.57	184.20	183.55	184.00	183.92	183.82	184.16	184.05	183.95	183.59	183.53	183.40	
11	183.80	184.15	183.54	184.40	184.00	183.82	184.53	183.96	183.94	183.59	183.52	183.40	
12	184.10	184.10	183.54	184.30	184.00	183.79	184.23	183.95	183.94	183.59	183.52	183.41	
13	184.00	184.00	183.53	184.20	183.96	183.79	184.44	183.93	183.94	183.58	183.52	183.40	
14	183.80	183.95	183.53	184.00	183.94	183.79	184.42	183.92	183.93	183.57	183.51	183.39	
15	183.60	183.95	183.53	184.05	183.94	183.81	184.66	184.15	183.93	183.56	183.50	183.40	
16	183.59	184.00	183.52	184.18	183.95	183.99	184.18	184.00	183.92	183.54	183.50	183.38	
17	183.58	184.05	183.52	184.09	183.92	183.92	184.26	184.01	183.91	183.54	183.50	183.37	
18	183.58	184.30	183.52	184.08	183.92	183.92	183.98	184.08	183.88	183.53	183.48	183.36	
19	183.57	184.20	183.56	184.05	183.91	183.94	184.08	184.70	183.84	183.53	183.48	183.35	
20	183.57	184.20	183.58	184.05	183.91	183.98	184.06	184.37	183.56	183.53	183.47	183.32	
21	183.56	185.07	183.57	184.00	183.92	184.30	184.05	184.23	183.54	183.54	183.47	183.30	
22	183.56	184.90	183.88	184.08	183.95	184.10	184.07	184.08	183.52	183.53	183.47	183.31	
23	183.58	184.00	183.90	184.06	183.94	183.96	184.05	184.09	183.51	183.53	183.46	183.30	
24	183.60	183.99	183.92	184.05	183.93	183.95	184.05	184.08	183.51	183.52	183.46	183.30	
25	183.60	183.95	183.99	184.02	183.92	184.05	184.03	184.08	183.50	183.52	183.46	183.30	
26	183.59	183.93	184.00	183.98	183.91	184.10	184.01	184.06	183.48	183.52	183.52	183.32	
27	183.59	183.80	184.40	183.96	183.90	184.30	184.17	184.05	183.48	183.53	183.52	183.45	
28	183.58	184.00	184.27	183.94	183.91	184.20	184.07	184.04	183.47	183.52	183.51	183.45	
29	183.58	183.58	184.08	183.92	183.93	183.96	184.06	184.02	183.58	183.52	183.46	183.44	
30	183.59	183.60	184.06	183.91	183.92	183.94	184.05	184.02	183.59	183.52	183.46	183.43	
31		183.59		183.90	183.92		184.04		183.58	183.51		183.51	
Mean	183.62	184.02	183.71	184.03	183.91	183.94	184.19	184.09	183.78	183.55	183.51	183.39	
Max	184.10	185.07	184.40	184.40	184.00	184.30	184.89	184.70	184.01	183.60	183.58	183.51	185.07
Min	183.54	183.58	183.52	183.80	183.84	183.79	183.98	183.92	183.47	183.51	183.46	183.30	183.30
Annual Max Momentary Gage Height	185.30		m. (MSL.) ,				at 06.00 Hours ,		on Oct 15, 2007				
Zero Gage at Bottom Elevation	183.10		m. (MSL.) ,			River Bed	182.71		m. (MSL.)				
Left Bank Elevation		187.41		m. (MSL.) ,									
Right Bank Elevation		187.39		m. (MSL.) ,		Drainage Are	42		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.30	0.96	0.38	1.38	1.02	1.04	2.90	2.50	1.23	0.36	0.32	0.08	
2	0.30	1.00	0.36	1.38	0.96	1.00	16.19	2.50	1.18	0.34	0.32	0.04	
3	0.28	0.98	0.40	1.29	0.92	0.96	1.20	1.47	1.16	0.36	0.36	0.04	
4	0.28	1.00	0.40	2.50	0.92	0.84	2.50	1.35	1.16	0.36	0.34	0.00	
5	0.38	1.00	0.40	0.80	0.90	0.92	5.00	1.44	1.14	0.34	0.34	0.00	
6	0.38	1.00	0.36	0.84	0.88	0.84	2.40	1.44	1.14	0.36	0.32	0.04	
7	0.36	0.98	0.38	0.96	0.88	0.82	1.41	1.41	1.12	0.34	0.32	0.04	
8	0.34	0.98	0.36	1.00	0.96	0.82	1.35	1.38	1.12	0.40	0.30	0.00	
9	0.34	1.00	0.30	1.10	1.04	0.88	1.38	1.38	1.12	0.40	0.28	0.00	
10	0.34	2.50	0.30	1.20	1.04	0.84	2.10	1.35	1.10	0.38	0.26	0.00	
11	0.80	2.00	0.28	5.00	1.20	0.84	7.19	1.12	1.08	0.38	0.24	0.00	
12	1.50	1.50	0.28	3.50	1.20	0.78	2.80	1.10	1.08	0.38	0.24	0.02	
13	1.20	1.20	0.26	2.50	1.12	0.78	5.60	1.06	1.08	0.36	0.24	0.00	
14	0.80	1.10	0.26	1.20	1.08	0.78	5.30	1.04	1.06	0.34	0.22	0.00	
15	0.40	1.10	0.26	1.35	1.08	0.82	10.18	2.00	1.06	0.32	0.20	0.00	
16	0.38	1.20	0.24	2.30	1.10	1.18	2.30	1.20	1.04	0.28	0.20	0.00	
17	0.36	1.35	0.24	1.47	1.04	1.04	3.10	1.23	1.02	0.28	0.20	0.00	
18	0.36	3.50	0.24	1.44	1.04	1.04	1.16	1.44	0.96	0.26	0.16	0.00	
19	0.34	2.50	0.32	1.35	1.02	1.08	1.44	11.10	0.88	0.26	0.16	0.00	
20	0.34	2.50	0.36	1.35	1.02	1.16	1.38	4.55	0.32	0.26	0.14	0.00	
21	0.32	22.11	0.34	1.20	1.04	3.50	1.35	2.80	0.28	0.28	0.14	0.00	
22	0.32	16.50	0.96	1.44	1.10	1.50	1.41	1.44	0.24	0.26	0.14	0.00	
23	0.36	1.20	1.00	1.38	1.08	1.12	1.35	1.47	0.22	0.26	0.12	0.00	
24	0.40	1.18	1.04	1.35	1.06	1.10	1.35	1.44	0.22	0.24	0.12	0.00	
25	0.40	1.10	1.18	1.26	1.04	1.35	1.29	1.44	0.20	0.24	0.12	0.00	
26	0.38	1.06	1.20	1.16	1.02	1.50	1.23	1.38	0.16	0.24	0.24	0.00	
27	0.38	0.80	5.00	1.12	1.00	3.50	2.20	1.35	0.16	0.26	0.24	0.10	
28	0.36	1.20	3.20	1.08	1.02	2.50	1.41	1.32	0.14	0.24	0.22	0.10	
29	0.36	0.36	1.44	1.04	1.06	1.12	1.38	1.26	0.36	0.24	0.12	0.08	
30	0.38	0.40	1.38	1.02	1.04	1.08	1.35	1.26	0.38	0.24		0.06	
31		0.38		1.00	1.04		1.32		0.36	0.22		0.22	
Total	13.44	75.64	23.12	46.96	31.92	36.73	92.52	57.22	23.77	9.48	6.62	0.82	418.24 CMSDAY
Mean	0.45	2.44	0.77	1.51	1.03	1.22	2.98	1.91	0.77	0.31	0.23	0.03	1.14 CMS
Max	1.50	22.11	5.00	5.00	1.20	3.50	16.19	11.10	1.23	0.40	0.36	0.22	22.11 CMS
Min	0.28	0.36	0.24	0.80	0.88	0.78	1.16	1.04	0.14	0.22	0.12	0.00	0.00 CMS
Runoff	1.16	6.54	2.00	4.06	2.76	3.17	7.99	4.94	2.05	0.82	0.57	0.07	36.14 MCM
Momentary Peak	31.90	CMS.	at 185.30 m. (MSL.)	at 06.00 Hours	on Oct 15, 2007								
Runoff Yield	27.28	Liters/Second/Square KM.			Momentary Peak Yield	759.52	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	48.00	178.10	173.10	85.47	243.95	20.25	5.00	0.00	0.00	0.00	
2	0.00	0.00	32.75	138.35	124.80	93.98	192.80	19.00	2.80	0.00	0.00	0.00	
3	0.00	17.20	32.25	237.90	86.58	88.80	118.80	18.50	3.40	0.00	0.00	0.00	
4	0.00	19.25	26.00	154.10	70.85	78.44	120.40	17.80	3.85	0.00	0.00	0.00	
5	0.00	19.75	26.25	125.60	64.20	64.90	135.20	16.20	4.60	0.00	0.00	0.00	
6	0.00	63.85	25.75	298.00	161.60	55.50	170.60	16.00	4.40	0.00	0.00	0.00	
7	0.00	84.73	21.25	248.35	90.28	49.20	238.45	15.40	4.00	0.00	0.00	0.00	
8	0.00	142.10	19.25	166.60	72.60	47.40	182.10	13.40	3.70	0.00	0.00	0.00	
9	0.00	77.70	16.60	140.60	67.70	42.60	116.00	14.00	3.55	0.00	0.00	0.00	
10	0.00	48.00	16.00	108.80	132.50	46.50	93.98	13.20	3.55	0.00	0.00	0.00	
11	0.00	42.90	15.80	94.72	273.40	60.35	207.10	13.20	2.80	0.00	0.00	0.00	
12	0.00	32.25	14.40	79.92	138.35	50.70	114.00	17.80	3.25	0.00	0.00	0.00	
13	0.00	34.50	16.00	79.18	150.60	46.80	130.80	16.80	2.80	0.00	0.00	0.00	
14	0.00	27.75	13.80	105.60	207.65	41.10	85.84	16.40	2.65	0.00	0.00	0.00	
15	0.00	39.90	12.20	149.60	124.00	39.00	86.58	15.40	1.90	0.00	0.00	0.00	
16	0.00	45.90	15.00	185.10	114.40	50.70	74.37	13.00	1.60	0.00	0.00	0.00	
17	0.00	39.30	33.30	165.60	102.49	79.18	59.70	8.60	1.75	0.00	0.00	0.00	
18	0.00	31.75	37.80	302.20	86.58	64.90	60.00	7.60	1.75	0.00	0.00	0.00	
19	0.00	37.50	25.00	166.60	98.05	150.10	53.10	10.20	1.60	0.00	0.00	0.00	
20	0.00	29.50	22.75	106.40	106.40	97.68	48.30	12.60	1.45	0.00	0.00	0.00	
21	0.00	25.00	26.00	98.05	96.94	88.80	41.70	12.40	0.70	0.00	0.00	0.00	
22	0.00	23.00	22.50	86.95	104.00	66.30	39.90	11.00	0.00	0.00	0.00	0.00	
23	0.00	19.25	21.75	75.48	109.20	58.50	40.50	9.60	0.50	0.00	0.00	0.00	
24	0.00	17.00	112.80	78.81	107.60	59.70	36.00	8.40	0.90	0.00	0.00	0.00	
25	0.00	20.50	93.24	92.13	90.28	45.00	31.75	7.40	1.15	0.00	0.00	0.00	
26	0.00	20.00	168.10	67.00	161.10	63.85	28.25	9.00	0.80	0.00	0.00	0.00	
27	0.00	20.75	232.40	89.54	137.45	110.80	25.00	7.40	0.00	0.00	0.00	0.00	
28	0.00	19.50	225.25	77.33	191.15	197.20	23.75	6.40	0.00	0.00	0.00	0.00	
29	0.00	42.90	126.40	83.62	212.60	121.60	23.50	5.00	0.00	0.00	0.00	0.00	
30	0.00	47.40	168.60	94.35	103.60	132.50	21.75	5.00	0.00	0.00	0.00	0.00	
31	0.00	33.90		98.05	96.20		21.00		0.00	0.00		0.00	
Total	0.00	1123.03	1667.19	4172.63	3856.25	2277.55	2865.17	376.95	64.45	0.00	0.00	0.00	16403.22 CMSDAY
Mean	0.00	36.23	55.57	134.60	124.40	75.92	92.42	12.56	2.08	0.00	0.00	0.00	44.82 CMS
Max	0.00	142.10	232.40	302.20	273.40	197.20	243.95	20.25	5.00	0.00	0.00	0.00	302.20 CMS
Min	0.00	0.00	12.20	67.00	64.20	39.00	21.00	5.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	97.03	144.05	360.52	333.18	196.78	247.55	32.57	5.57	0.00	0.00	0.00	1417.24 MCM
Momentary Peak	310.60	CMS, at 11.00 m. (MSL), at 12.00 Hours, on Jul 18, 2007											
Runoff Yield	57.69	Liters/Second/Square KM.			Momentary Peak Yield	398.72	Liters/Second/Square KM.						

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Prasae at Ban Khao Chik , Rayong (Z.11)

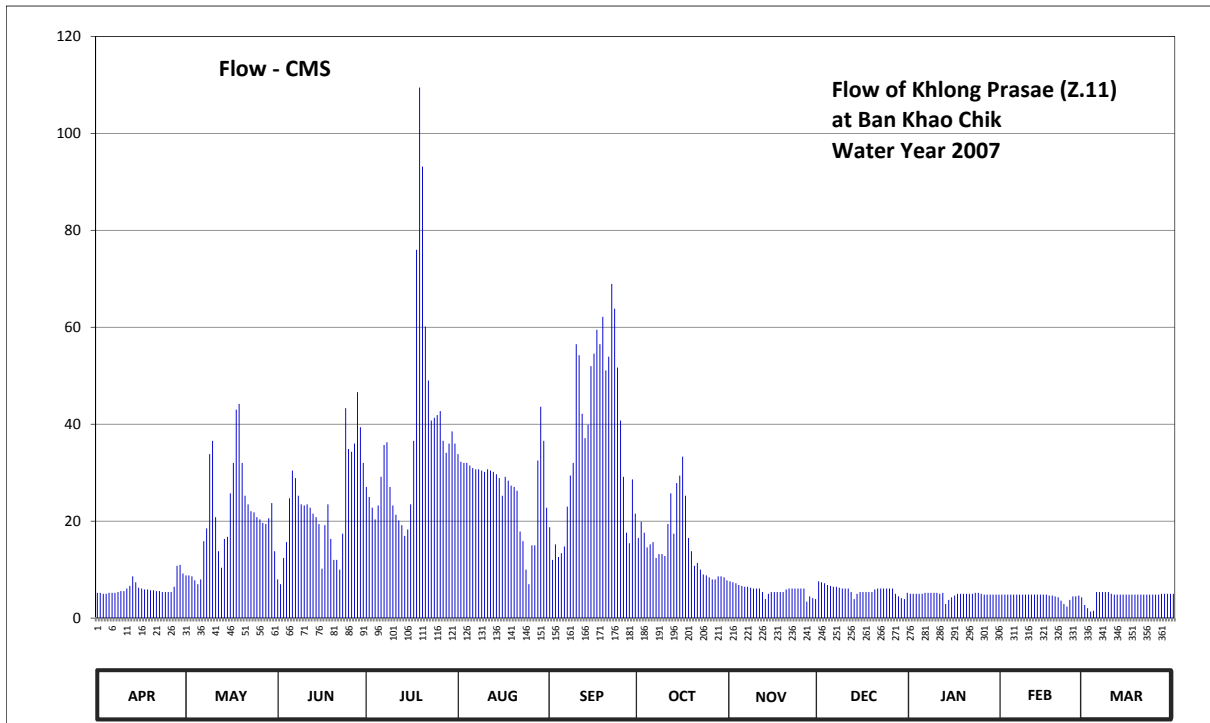
Lat 12 - 51 - 20 N Long 101 - 37 - 09 E

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 30 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.70	4.89	4.85	5.71	5.97	5.37	5.27	4.83	4.83	4.69	4.68	4.56	
2	4.70	4.89	4.80	5.63	5.91	5.05	5.42	4.82	4.82	4.69	4.68	4.52	
3	4.69	4.88	5.07	5.54	5.90	5.21	5.32	4.81	4.81	4.69	4.68	4.48	
4	4.69	4.84	5.23	5.44	5.90	5.08	5.18	4.79	4.79	4.69	4.68	4.49	
5	4.70	4.80	5.62	5.56	5.88	5.12	5.21	4.78	4.78	4.69	4.68	4.71	
6	4.70	4.85	5.84	5.79	5.86	5.19	5.23	4.77	4.77	4.70	4.68	4.71	
7	4.70	5.24	5.78	6.04	5.85	5.55	5.07	4.77	4.77	4.70	4.68	4.71	
8	4.71	5.36	5.64	6.06	5.85	5.80	5.11	4.76	4.76	4.70	4.68	4.71	
9	4.72	5.97	5.57	5.71	5.84	5.90	5.11	4.75	4.75	4.70	4.68	4.71	
10	4.72	6.07	5.56	5.56	5.83	6.74	5.09	4.75	4.75	4.70	4.68	4.69	
11	4.75	5.46	5.57	5.48	5.85	6.67	5.40	4.75	4.75	4.69	4.68	4.68	
12	4.78	5.14	5.54	5.43	5.84	6.27	5.66	4.71	4.71	4.70	4.68	4.68	
13	4.88	4.97	5.49	5.39	5.83	6.09	5.31	4.63	4.63	4.57	4.68	4.68	
14	4.82	5.26	5.46	5.29	5.81	6.19	5.74	4.69	4.69	4.62	4.68	4.68	
15	4.76	5.28	5.40	5.35	5.78	6.60	5.80	4.71	4.71	4.65	4.68	4.68	
16	4.75	5.66	4.96	5.57	5.64	6.68	5.95	4.71	4.71	4.67	4.68	4.68	
17	4.74	5.90	5.39	6.07	5.79	6.83	5.64	4.71	4.71	4.69	4.67	4.68	
18	4.74	6.30	5.57	7.31	5.76	6.74	5.27	4.71	4.71	4.69	4.67	4.68	
19	4.73	6.34	5.26	8.11	5.72	6.91	5.14	4.71	4.71	4.69	4.66	4.68	
20	4.73	5.90	5.05	7.74	5.71	6.57	4.99	4.74	4.74	4.69	4.65	4.68	
21	4.72	5.64	5.05	6.85	5.68	6.66	5.02	4.75	4.75	4.69	4.61	4.68	
22	4.72	5.57	4.95	6.50	5.33	7.11	4.95	4.75	4.75	4.69	4.57	4.68	
23	4.71	5.51	5.31	6.22	5.24	6.96	4.90	4.75	4.75	4.70	4.54	4.68	
24	4.71	5.50	6.31	6.24	4.95	6.59	4.89	4.75	4.75	4.70	4.62	4.68	
25	4.71	5.46	6.01	6.26	4.80	6.22	4.87	4.75	4.75	4.69	4.66	4.68	
26	4.71	5.44	5.99	6.29	5.20	5.79	4.85	4.75	4.75	4.68	4.66	4.68	
27	4.77	5.41	6.05	6.07	5.20	5.32	4.85	4.60	4.69	4.68	4.67	4.69	
28	4.99	5.40	6.42	5.98	5.92	5.22	4.88	4.66	4.66	4.68	4.65	4.69	
29	5.00	5.45	6.17	6.05	6.32	5.77	4.88	4.64	4.64	4.68	4.60	4.69	
30	4.91	5.58	5.90	6.14	6.07	5.49	4.87	4.63	4.63	4.68	4.68	4.69	
31		5.14		6.05	5.54		4.84		4.70	4.68		4.69	
Mean	4.76	5.42	5.53	6.05	5.70	6.06	5.18	4.73	4.73	4.68	4.66	4.67	
Max	5.00	6.34	6.42	8.11	6.32	7.11	5.95	4.83	4.83	4.70	4.68	4.71	8.11
Min	4.69	4.80	4.80	5.29	4.80	5.05	4.84	4.60	4.63	4.57	4.54	4.48	4.48
Annual Max Momentary Gage Height	8.62		m. (MSL.) ,				at 04.00 Hours, on Jul 20, 2007						
Zero Gage at Bottom Elevation	2.63		m. (MSL.) ,			River Bed	3.45	m. (MSL.)					
Left Bank Elevation	9.94		m. (MSL.) ,										
Right Bank Elevation	9.77		m. (MSL.) ,			Drainage Are	1,236	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.20	8.80	8.00	27.06	33.82	18.74	16.54	7.60	7.60	5.02	4.84	2.72	
2	5.20	8.80	7.00	24.98	32.26	12.00	19.88	7.40	7.40	5.02	4.84	2.04	
3	5.02	8.60	12.40	22.76	32.00	15.22	17.64	7.20	7.20	5.02	4.84	1.36	
4	5.02	7.80	15.66	20.36	32.00	12.60	14.60	6.82	6.82	5.02	4.84	1.53	
5	5.20	7.00	24.72	23.24	31.48	13.40	15.22	6.64	6.64	5.02	4.84	5.38	
6	5.20	8.00	30.44	29.14	30.96	14.80	15.66	6.46	6.46	5.20	4.84	5.38	
7	5.20	15.88	28.88	35.72	30.70	23.00	12.40	6.46	6.46	5.20	4.84	5.38	
8	5.38	18.52	25.24	36.28	30.70	29.40	13.20	6.28	6.28	5.20	4.84	5.38	
9	5.56	33.82	23.48	27.06	30.44	32.00	13.20	6.10	6.10	5.20	4.84	5.38	
10	5.56	36.56	23.24	23.24	30.18	56.52	12.80	6.10	6.10	5.20	4.84	5.02	
11	6.10	20.84	23.48	21.32	30.70	54.24	19.40	6.10	6.10	5.02	4.84	4.84	
12	6.64	13.80	22.76	20.12	30.44	42.16	25.76	5.38	5.38	5.20	4.84	4.84	
13	8.60	10.40	21.56	19.18	30.18	37.12	17.42	3.94	3.94	2.89	4.84	4.84	
14	7.40	16.32	20.84	16.98	29.66	39.92	27.84	5.02	5.02	3.76	4.84	4.84	
15	6.28	16.76	19.40	18.30	28.88	52.00	29.40	5.38	5.38	4.30	4.84	4.84	
16	6.10	25.76	10.20	23.48	25.24	54.56	33.30	5.38	5.38	4.66	4.84	4.84	
17	5.92	32.00	19.18	36.56	29.14	59.49	25.24	5.38	5.38	5.02	4.66	4.84	
18	5.92	43.00	23.48	75.99	28.36	56.52	16.54	5.38	5.38	5.02	4.66	4.84	
19	5.74	44.20	16.32	109.45	27.32	62.14	13.80	5.38	5.38	5.02	4.48	4.84	
20	5.74	32.00	12.00	93.14	27.06	51.10	10.80	5.92	5.92	5.02	4.30	4.84	
21	5.56	25.24	12.00	60.15	26.28	53.92	11.40	6.10	6.10	5.02	3.58	4.84	
22	5.56	23.48	10.00	49.00	17.86	68.94	10.00	6.10	6.10	5.02	2.89	4.84	
23	5.38	22.04	17.42	40.76	15.88	63.84	9.00	6.10	6.10	5.20	2.38	4.84	
24	5.38	21.80	43.30	41.32	10.00	51.70	8.80	6.10	6.10	5.20	3.76	4.84	
25	5.38	20.84	34.88	41.88	7.00	40.76	8.40	6.10	6.10	5.02	4.48	4.84	
26	5.38	20.36	34.34	42.72	15.00	29.14	8.00	6.10	6.10	4.84	4.48	4.84	
27	6.46	19.64	36.00	36.56	15.00	17.64	8.00	3.40	5.02	4.84	4.66	5.02	
28	10.80	19.40	46.60	34.08	32.52	15.44	8.60	4.48	4.48	4.84	4.30	5.02	
29	11.00	20.60	39.36	36.00	43.60	28.62	8.60	4.12	4.12	4.84	3.40	5.02	
30	9.20	23.72	32.00	38.52	36.56	21.56	8.40	3.94	3.94	4.84		5.02	
31		13.80		36.00	22.76		7.80		5.20	4.84		5.02	
Total	187.08	639.78	694.18	1161.35	843.98	1128.49	467.64	172.86	179.68	151.51	129.47	142.11	5898.13 CMSDAY
Mean	6.24	20.64	23.14	37.46	27.23	37.62	15.09	5.76	5.80	4.89	4.46	4.58	16.12 CMS
Max	11.00	44.20	46.60	109.45	43.60	68.94	33.30	7.60	7.60	5.20	4.84	5.38	109.45 CMS
Min	5.02	7.00	7.00	16.98	7.00	12.00	7.80	3.40	3.94	2.89	2.38	1.36	1.36 CMS
Runoff	16.16	55.28	59.98	100.34	72.92	97.50	40.40	14.94	15.52	13.09	11.19	12.28	509.60 MCM
Momentary Peak	133.10 CMS, at 8.62 m. (MSL.), at 04.00 Hours, on Jul 20, 2007												
Runoff Yield	13.07 Liters/Second/Square KM.			Momentary Peak Yield 107.66 Liters/Second/Square KM.									

WATER YEAR : 2007

EAST COAST - GULF BASIN

Chanthaburi River at Ban Puk , Chanthaburi (Z.13)

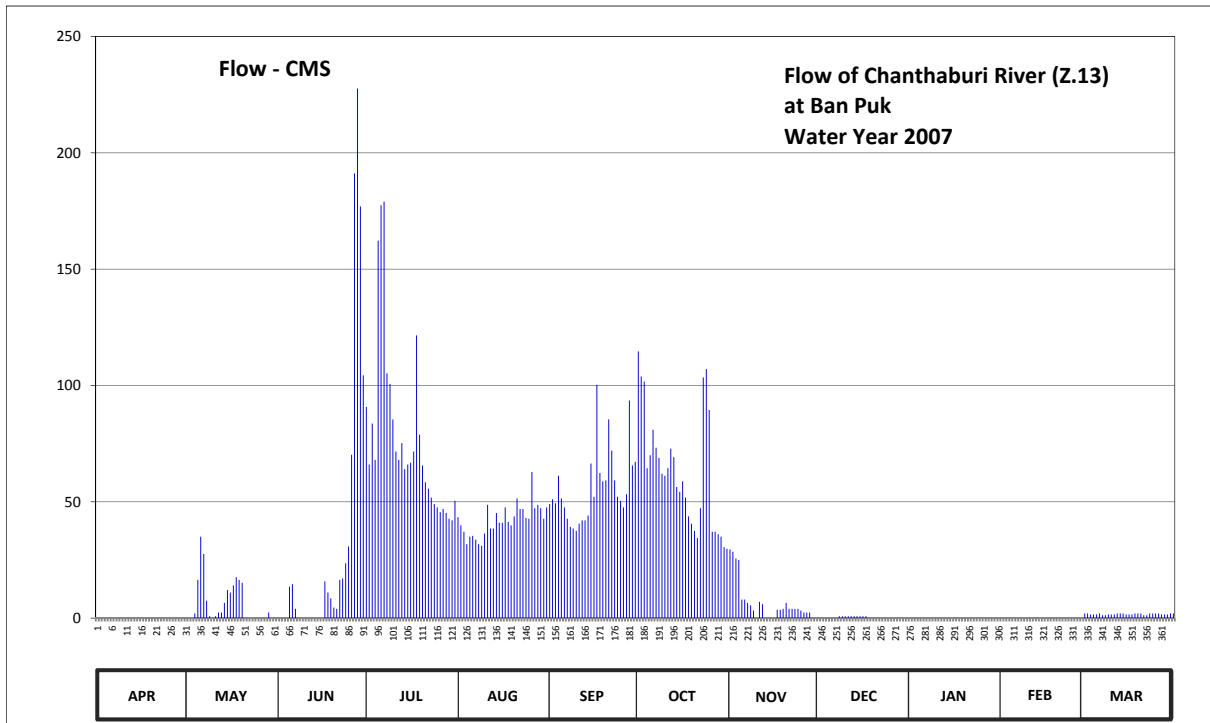
Lat 12 - 45 - 38 N Long 102 - 08 - 33 E

Location : on left bank at Ban Puk

	Ban Puk	Amphoe Makham	Changwat Chanthaburi
Drainage Area	647 sq.km.		
Type of Gage	Staff gage.		
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	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	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	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.49	8.56	8.14	8.64	7.44	7.60	9.16	7.03	7.24	8.58	8.60	8.65	
2	8.49	8.56	8.04	8.05	7.34	7.66	8.93	7.00	8.26	8.58	8.60	8.65	
3	8.49	8.56	7.98	8.48	7.26	7.61	8.88	6.91	8.54	8.58	8.60	8.64	
4	8.49	8.65	8.01	8.10	7.10	7.93	8.01	6.89	8.58	8.58	8.58	8.64	
5	8.49	8.94	8.89	10.08	7.20	7.67	8.15	8.78	8.58	8.58	8.58	8.64	
6	8.49	9.21	8.91	10.37	7.21	7.56	8.42	8.78	8.58	8.58	8.56	8.65	
7	8.49	9.12	8.70	10.40	7.16	7.42	8.23	8.75	8.58	8.58	8.56	8.63	
8	8.52	8.77	7.94	8.96	7.10	7.32	8.12	8.73	8.62	8.58	8.56	8.63	
9	8.52	8.62	7.81	8.86	7.08	7.30	7.95	8.68	8.62	8.58	8.55	8.64	
10	8.54	8.58	7.63	8.52	7.24	7.27	7.93	8.54	8.62	8.58	8.55	8.64	
11	8.54	8.62	7.50	8.19	7.59	7.36	8.01	8.76	8.62	8.58	8.53	8.64	
12	8.54	8.66	7.25	8.10	7.30	7.40	8.22	8.74	8.62	8.58	8.53	8.65	
13	8.54	8.66	7.14	8.28	7.30	7.40	8.13	6.75	8.62	8.58	8.53	8.65	
14	8.55	8.75	7.05	8.00	7.49	7.46	7.81	6.72	8.62	8.58	8.51	8.65	
15	8.55	8.86	6.91	8.05	7.37	8.06	7.75	6.72	8.62	8.58	8.51	8.64	
16	8.54	8.84	6.86	8.07	7.37	7.69	7.87	7.31	8.62	8.58	8.51	8.64	
17	8.53	8.90	8.93	8.19	7.56	8.85	7.68	8.69	8.62	8.56	8.51	8.64	
18	8.53	8.96	8.84	9.30	7.38	7.96	7.45	8.69	8.60	8.56	8.50	8.65	
19	8.53	8.94	8.79	8.37	7.34	7.87	7.36	8.70	8.60	8.56	8.50	8.65	
20	8.53	8.92	8.71	8.04	7.45	7.88	7.27	8.75	8.60	8.56	8.49	8.65	
21	8.53	8.05	8.70	7.86	7.67	8.52	7.18	8.70	8.60	8.56	8.49	8.63	
22	8.53	8.34	8.94	7.79	7.54	8.20	7.55	8.70	8.60	8.56	8.50	8.63	
23	8.53	8.12	8.95	7.68	7.54	7.88	8.92	8.70	8.60	8.56	8.50	8.65	
24	8.54	8.06	9.06	7.60	7.43	7.69	9.00	8.70	8.58	8.56	8.50	8.65	
25	8.54	8.15	9.16	7.56	7.42	7.64	8.61	8.68	8.58	8.56	8.50	8.65	
26	8.54	8.04	9.52	7.50	7.97	7.56	7.26	8.66	8.58	8.56	8.50	8.65	
27	8.56	7.90	10.62	7.54	7.55	7.72	7.26	8.66	8.58	8.56	8.50	8.64	
28	8.56	7.65	11.26	7.49	7.59	8.70	7.23	8.66	8.58	8.56	8.50	8.64	
29	8.56	8.66	10.36	7.42	7.55	8.04	7.20	7.24	8.58	8.56	8.50	8.64	
30	8.56	8.60	8.94	7.40	7.42	8.08	7.06	7.24	8.58	8.56	8.56	8.65	
31		8.30		7.64	7.56		7.04		8.58	8.56		8.65	
Mean	8.53	8.57	8.52	8.28	7.40	7.78	7.92	8.13	8.54	8.57	8.53	8.64	
Max	8.56	9.21	11.26	10.40	7.97	8.85	9.16	8.78	8.62	8.58	8.60	8.65	11.26
Min	8.49	7.65	6.86	7.40	7.08	7.27	7.04	6.72	7.24	8.56	8.49	8.63	6.72
Annual Max Momentary Gage Height	11.36		m. (MSL.) ,				at 12.00 Hours, on Jun 28, 2007						
Zero Gage at Bottom Elevation	6.30		m. (MSL.) ,			River Bed	5.41	m. (MSL.)					
Left Bank Elevation		14.82		m. (MSL.) ,									
Right Bank Elevation		14.84		m. (MSL.) ,		Drainage Are	647	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	90.80	43.40	49.00	114.60	29.48	0.00	0.00	0.00	2.00	
2	0.00	0.00	0.00	66.00	39.90	51.10	103.85	28.50	0.00	0.00	0.00	2.00	
3	0.00	0.00	0.00	83.60	37.10	49.35	101.60	25.58	0.00	0.00	0.00	1.60	
4	0.00	2.00	0.00	68.00	31.75	61.20	64.40	24.93	0.00	0.00	0.00	1.60	
5	0.00	16.40	13.50	162.20	35.00	51.45	70.00	8.00	0.00	0.00	0.00	1.60	
6	0.00	35.00	14.60	177.43	35.35	47.60	80.90	8.00	0.00	0.00	0.00	2.00	
7	0.00	27.60	4.00	179.00	33.70	42.70	73.20	6.50	0.00	0.00	0.00	1.20	
8	0.00	7.50	0.00	105.20	31.75	39.20	68.80	5.50	0.80	0.00	0.00	1.20	
9	0.00	0.80	0.00	100.70	31.10	38.50	62.00	3.20	0.80	0.00	0.00	1.60	
10	0.00	0.00	0.00	85.40	36.40	37.45	61.20	0.00	0.80	0.00	0.00	1.60	
11	0.00	0.80	0.00	71.60	48.65	40.60	64.40	7.00	0.80	0.00	0.00	1.60	
12	0.00	2.40	0.00	68.00	38.50	42.00	72.80	6.00	0.80	0.00	0.00	2.00	
13	0.00	2.40	0.00	75.20	38.50	42.00	69.20	0.00	0.80	0.00	0.00	2.00	
14	0.00	6.50	0.00	64.00	45.15	44.10	56.40	0.00	0.80	0.00	0.00	2.00	
15	0.00	12.00	0.00	66.00	40.95	66.40	54.25	0.00	0.80	0.00	0.00	1.60	
16	0.00	11.00	0.00	66.80	40.95	52.15	58.80	0.00	0.80	0.00	0.00	1.60	
17	0.00	14.00	15.80	71.60	47.60	100.25	51.80	3.60	0.80	0.00	0.00	1.60	
18	0.00	17.60	11.00	121.50	41.30	62.40	43.75	3.60	0.00	0.00	0.00	2.00	
19	0.00	16.40	8.50	78.80	39.90	58.80	40.60	4.00	0.00	0.00	0.00	2.00	
20	0.00	15.20	4.50	65.60	43.75	59.20	37.45	6.50	0.00	0.00	0.00	2.00	
21	0.00	0.00	4.00	58.40	51.45	85.40	34.35	4.00	0.00	0.00	0.00	1.20	
22	0.00	0.00	16.40	55.65	46.90	72.00	47.25	4.00	0.00	0.00	0.00	1.20	
23	0.00	0.00	17.00	51.80	46.90	59.20	103.40	4.00	0.00	0.00	0.00	2.00	
24	0.00	0.00	23.60	49.00	43.05	52.15	107.00	4.00	0.00	0.00	0.00	2.00	
25	0.00	0.00	30.80	47.60	42.70	50.40	89.45	3.20	0.00	0.00	0.00	2.00	
26	0.00	0.00	70.20	45.50	62.80	47.60	37.10	2.40	0.00	0.00	0.00	2.00	
27	0.00	0.00	191.10	46.90	47.25	53.20	37.10	2.40	0.00	0.00	0.00	1.60	
28	0.00	0.00	227.60	45.15	48.65	93.50	36.05	2.40	0.00	0.00	0.00	1.60	
29	0.00	2.40	176.90	42.70	47.25	65.60	35.00	0.00	0.00	0.00	0.00	1.60	
30	0.00	0.00	104.30	42.00	42.70	67.20	30.45	0.00	0.00	0.00	0.00	2.00	
31	0.00	0.00	0.00	50.40	47.60	0.00	29.80	0.00	0.00	0.00	0.00	2.00	
Total	0.00	190.00	933.80	2402.53	1307.95	1681.70	1936.95	196.79	8.00	0.00	0.00	54.00	8711.72 CMSDAY
Mean	0.00	6.13	31.13	77.50	42.19	56.06	62.48	6.56	0.26	0.00	0.00	1.74	23.80 CMS
Max	0.00	35.00	227.60	179.00	62.80	100.25	114.60	29.48	0.80	0.00	0.00	2.00	227.60 CMS
Min	0.00	0.00	0.00	42.00	31.10	37.45	29.80	0.00	0.00	0.00	0.00	1.20	0.00 CMS
Runoff	0.00	16.42	80.68	207.58	113.01	145.30	167.35	17.00	0.69	0.00	0.00	4.67	752.69 MCM
Momentary Peak	233.60	CMS, at 11.36 m. (MSL), at 12.00 Hours, on Jun 28, 2007											
Runoff Yield	36.89	Liters/Second/Square KM. Momentary Peak Yield 361.05 Liters/Second/Square KM.											

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Phayat at Ban Chaman , Chanthaburi (Z.14)

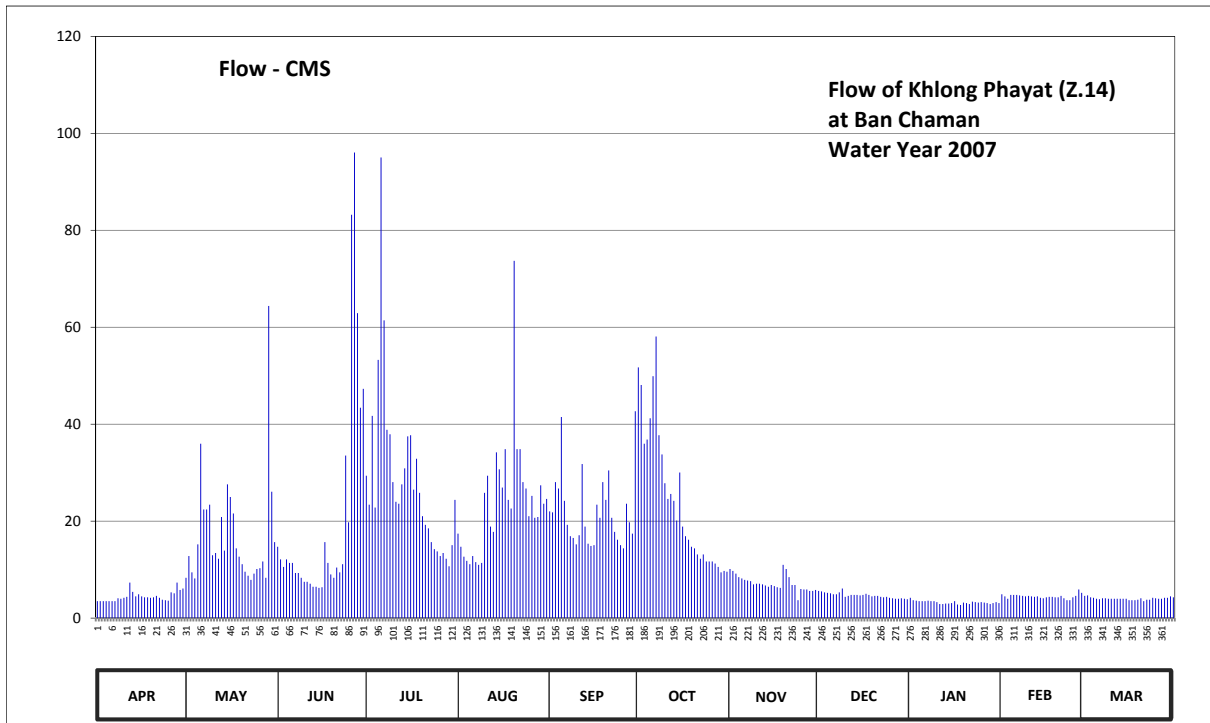
Lat 12 - 44 - 34 N Long 102 - 12 - 35 E

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 with variable water surface slope.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.35	6.78	7.22	7.98	7.38	7.63	8.92	6.91	6.56	6.42	6.49	6.46	
2	6.35	7.10	7.05	7.70	7.22	7.62	8.78	6.88	6.55	6.37	6.45	6.47	
3	6.35	6.86	6.94	8.53	7.09	7.92	8.28	6.84	6.53	6.36	6.40	6.43	
4	6.35	6.77	7.05	7.67	7.03	7.86	8.32	6.79	6.52	6.35	6.48	6.42	
5	6.35	7.25	7.00	8.98	6.98	8.52	8.51	6.77	6.51	6.35	6.48	6.40	
6	6.35	8.28	7.00	10.36	7.10	7.74	8.85	6.75	6.49	6.35	6.48	6.39	
7	6.35	7.65	6.85	9.28	7.01	7.48	9.16	6.74	6.49	6.36	6.47	6.41	
8	6.41	7.65	6.85	8.41	6.97	7.35	8.36	6.73	6.53	6.35	6.46	6.41	
9	6.40	7.70	6.78	8.37	7.00	7.33	8.18	6.68	6.61	6.35	6.45	6.40	
10	6.42	7.11	6.72	7.92	7.82	7.25	7.91	6.69	6.44	6.33	6.46	6.40	
11	6.44	7.14	6.72	7.73	7.98	7.36	7.76	6.69	6.46	6.29	6.45	6.40	
12	6.71	7.06	6.69	7.71	7.46	8.09	7.81	6.68	6.48	6.29	6.44	6.40	
13	6.54	7.57	6.64	7.90	7.40	7.46	7.74	6.66	6.48	6.30	6.45	6.40	
14	6.45	7.17	6.64	8.05	8.20	7.26	7.53	6.64	6.48	6.30	6.42	6.40	
15	6.49	7.90	6.62	8.35	8.04	7.23	8.01	6.67	6.47	6.31	6.41	6.40	
16	6.45	7.78	6.63	8.36	7.87	7.24	7.46	6.65	6.48	6.35	6.43	6.37	
17	6.43	7.61	7.28	7.85	8.23	7.70	7.35	6.63	6.50	6.28	6.44	6.37	
18	6.43	7.20	7.00	8.14	7.75	7.56	7.31	6.62	6.48	6.27	6.44	6.37	
19	6.42	7.09	6.83	7.82	7.66	7.92	7.22	6.97	6.45	6.32	6.43	6.38	
20	6.43	6.98	6.78	7.58	9.69	7.75	7.20	6.91	6.46	6.31	6.43	6.41	
21	6.46	6.87	6.93	7.48	8.23	8.03	7.12	6.79	6.46	6.29	6.46	6.35	
22	6.42	6.81	6.86	7.44	8.23	7.56	7.06	6.67	6.44	6.34	6.41	6.38	
23	6.38	6.75	6.98	7.28	7.92	7.40	7.12	6.67	6.43	6.33	6.37	6.38	
24	6.37	6.84	8.17	7.19	7.86	7.31	7.02	6.37	6.44	6.32	6.37	6.42	
25	6.36	6.91	7.51	7.16	7.58	7.24	7.02	6.60	6.42	6.33	6.43	6.41	
26	6.53	6.92	10.00	7.10	7.79	7.20	7.02	6.59	6.41	6.32	6.46	6.40	
27	6.51	7.02	10.39	7.14	7.56	7.71	6.99	6.59	6.40	6.31	6.59	6.40	
28	6.71	6.78	9.33	7.06	7.57	7.51	6.94	6.56	6.40	6.29	6.52	6.42	
29	6.58	9.38	8.60	6.95	7.89	7.38	6.86	6.56	6.41	6.31	6.46	6.42	
30	6.61	7.83	8.75	7.24	7.71	8.57	6.88	6.58	6.40	6.33	6.45	6.45	
31		7.28		7.75	7.76		6.87		6.39	6.31	6.43	6.43	
Mean	6.45	7.29	7.36	7.89	7.68	7.61	7.66	6.70	6.47	6.33	6.45	6.40	
Max	6.71	9.38	10.39	10.36	9.69	8.57	9.16	6.97	6.61	6.42	6.59	6.47	10.39
Min	6.35	6.75	6.62	6.95	6.97	7.20	6.86	6.37	6.39	6.27	6.37	6.35	6.27
Annual Max Momentary Gage Height	11.35		m. (MSL.) ,				at 15.00 Hours, on Jun 27, 2007						
Zero Gage at Bottom Elevation		5.40	m. (MSL.) ,			River Bed	5.70	m. (MSL.)					
Left Bank Elevation		13.41	m. (MSL.) ,										
Right Bank Elevation		13.35	m. (MSL.) ,			Drainage Are	229	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.50	8.32	14.72	29.36	17.44	22.00	51.72	10.14	5.60	4.20	4.90	4.60		
2	3.50	12.80	12.10	23.40	14.72	21.80	48.08	9.72	5.50	3.70	4.50	4.70		
3	3.50	9.44	10.56	41.72	12.66	28.04	35.96	9.16	5.30	3.60	4.00	4.30		
4	3.50	8.18	12.10	22.80	11.82	26.72	36.84	8.46	5.20	3.50	4.80	4.20		
5	3.50	15.20	11.40	53.28	11.12	41.48	41.24	8.18	5.10	3.50	4.80	4.00		
6	3.50	35.96	11.40	95.04	12.80	24.20	49.90	7.90	4.90	3.50	4.80	3.90		
7	3.50	22.40	9.30	61.44	11.54	19.24	58.08	7.76	4.90	3.60	4.70	4.10		
8	4.10	22.40	9.30	38.84	10.98	16.90	37.72	7.62	5.30	3.50	4.60	4.10		
9	4.00	23.40	8.32	37.94	11.40	16.54	33.76	6.96	6.12	3.50	4.50	4.00		
10	4.20	12.96	7.48	28.04	25.84	15.20	27.82	7.08	4.40	3.30	4.60	4.00		
11	4.40	13.44	7.48	24.00	29.36	17.08	24.60	7.08	4.60	2.90	4.50	4.00		
12	7.34	12.24	7.08	23.60	18.88	31.78	25.62	6.96	4.80	2.90	4.40	4.00		
13	5.40	20.86	6.48	27.60	17.80	18.88	24.20	6.72	4.80	3.00	4.50	4.00		
14	4.50	13.92	6.48	30.90	34.20	15.36	20.14	6.48	4.80	3.00	4.20	4.00		
15	4.90	27.60	6.24	37.50	30.68	14.88	30.02	6.84	4.70	3.10	4.10	4.00		
16	4.50	25.00	6.36	37.72	26.94	15.04	18.88	6.60	4.80	3.50	4.30	3.70		
17	4.30	21.60	15.68	26.50	34.86	23.40	16.90	6.36	5.00	2.80	4.40	3.70		
18	4.30	14.40	11.40	32.88	24.40	20.68	16.18	6.24	4.80	2.70	4.40	3.70		
19	4.20	12.66	9.02	25.84	22.60	28.04	14.72	10.98	4.50	3.20	4.30	3.80		
20	4.30	11.12	8.32	21.04	73.70	24.40	14.40	10.14	4.60	3.10	4.30	4.10		
21	4.60	9.58	10.42	19.24	34.86	30.46	13.12	8.46	4.60	2.90	4.60	3.50		
22	4.20	8.74	9.44	18.52	34.86	20.68	12.24	6.84	4.40	3.40	4.10	3.80		
23	3.80	7.90	11.12	15.68	28.04	17.80	13.12	6.84	4.30	3.30	3.70	3.80		
24	3.70	9.16	33.54	14.24	26.72	16.18	11.68	3.70	4.40	3.20	3.70	4.20		
25	3.60	10.14	19.78	13.76	21.04	15.04	11.68	6.00	4.20	3.30	4.30	4.10		
26	5.30	10.28	83.20	12.80	25.20	14.40	11.68	5.90	4.10	3.20	4.60	4.00		
27	5.10	11.68	96.06	13.44	20.68	23.60	11.26	5.90	4.00	3.10	5.90	4.00		
28	7.34	8.32	62.90	12.24	20.86	19.78	10.56	5.60	4.00	2.90	5.20	4.20		
29	5.80	64.40	43.40	10.70	27.38	17.44	9.44	5.60	4.10	3.10	4.60	4.20		
30	6.12	26.06	47.30	15.04	23.60	42.68	9.72	5.80	4.00	3.30		4.50		
31		15.68		24.40	24.60		9.58		3.90	3.10		4.30		
Total	134.50	525.84	608.38	889.50	741.58	659.72	750.86	218.02	145.72	100.90	130.30	125.50	5030.82	CMSDAY
Mean	4.48	16.96	20.28	28.69	23.92	21.99	24.22	7.27	4.70	3.25	4.49	4.05	13.75	CMS
Max	7.34	64.40	96.06	95.04	73.70	42.68	58.08	10.98	6.12	4.20	5.90	4.70	96.06	CMS
Min	3.50	7.90	6.24	10.70	10.98	14.40	9.44	3.70	3.90	2.70	3.70	3.50	2.70	CMS
Runoff	11.62	45.43	52.56	76.85	64.07	57.00	64.87	18.84	12.59	8.72	11.26	10.84	434.66	MCM
Momentary Peak	129.20	CMS, at 11.35 m. (MSL), at 15.00 Hours, on Jun 27, 2007												
Runoff Yield	60.17	Liters/Second/Square KM.		Momentary Peak Yield		560.00	Liters/Second/Square KM.							

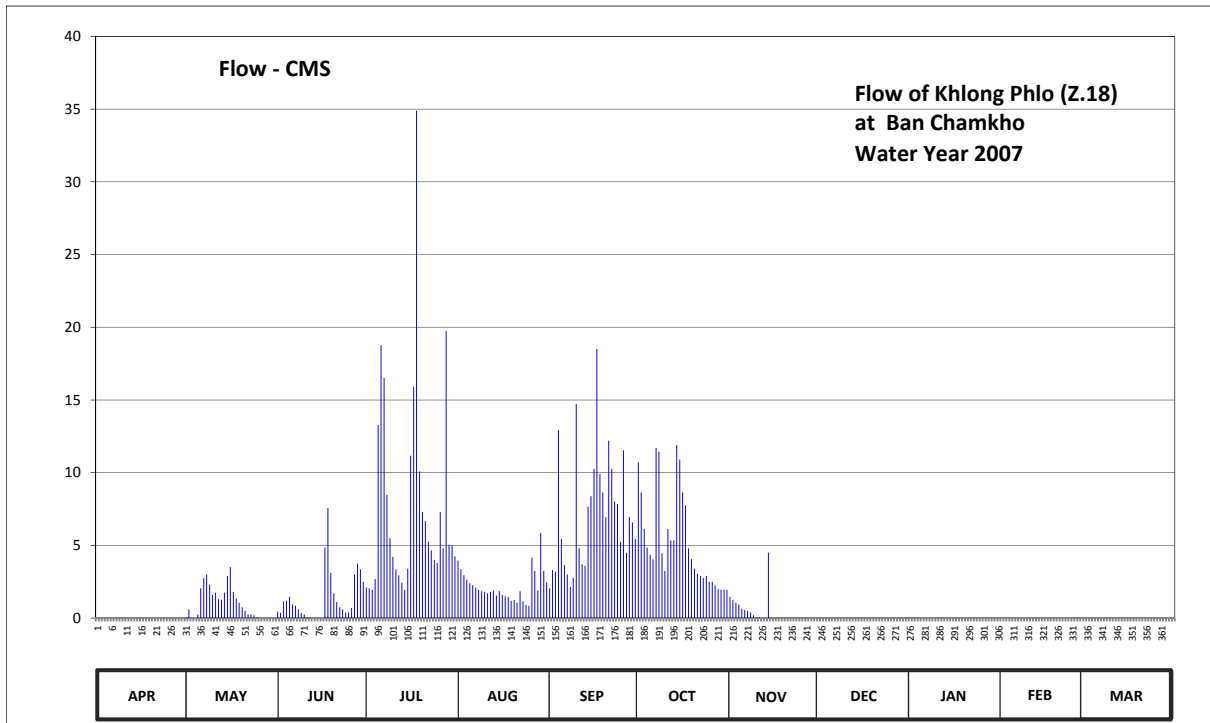
WATER YEAR : 2007
EAST COAST - GULF BASIN
Khlong Phlo at Ban Chamkho , Rayong (Z.18)
 Lat 12 - 57 - 18 N Long 101 - 40 - 32 E

Location : on right bank at the bridge on road.

	Ban Chamkho	Amphoe Khao Chamao	Changwat Rayong
Drainage Area	201 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+28.146 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank near the top staff gage.		Elevation +35.314 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	Overbank flow starts at elevation +32.940 m.(MSL.) and is including overbank flow.		
General Description	Records fair. Flow regulated by the concrete weir about 1.5 kilometers downstream from the gage site. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	28.85	29.21	29.29	29.62	29.99	29.61	30.88	29.49	31.03	31.25	30.42	29.38	
2	28.82	29.32	29.27	29.61	29.87	29.86	30.65	29.45	31.02	31.26	30.40	29.36	
3	28.70	29.19	29.43	29.59	29.79	29.84	30.37	29.41	31.13	31.24	30.39	29.31	
4	28.59	29.10	29.44	29.74	29.73	31.11	30.17	29.39	31.41	31.19	30.36	29.23	
5	28.62	29.25	29.49	31.14	29.68	30.29	30.07	29.33	31.25	31.16	30.34	29.17	
6	28.69	29.61	29.39	31.59	29.65	29.93	30.01	29.31	31.25	31.13	30.31	29.12	
7	28.73	29.75	29.37	31.41	29.62	29.80	30.99	29.30	31.27	31.11	30.28	29.07	
8	28.79	29.80	29.32	30.63	29.59	29.63	30.96	29.28	31.29	31.05	30.24	29.03	
9	28.85	29.66	29.27	30.30	29.57	29.75	30.09	29.24	31.29	31.07	30.20	29.04	
10	28.92	29.52	29.25	30.04	29.56	31.26	29.85	29.21	30.66	31.03	30.18	29.03	
11	28.97	29.55	29.21	29.87	29.54	30.16	30.37	29.21	31.29	31.01	30.16	28.99	
12	29.12	29.46	29.21	29.79	29.56	29.94	30.27	29.20	31.29	31.00	30.12	28.93	
13	29.37	29.45	29.19	29.69	29.58	29.92	30.27	29.19	31.28	30.96	30.08	28.91	
14	29.07	29.55	29.17	29.59	29.51	30.54	31.01	30.10	31.28	30.95	30.03	28.90	
15	28.67	29.78	29.15	29.88	29.57	30.62	30.90	30.84	31.26	30.91	30.01	28.90	
16	28.86	29.90	29.13	30.93	29.52	30.83	30.65	31.39	31.26	30.87	30.00	28.89	
17	29.06	29.56	30.17	31.36	29.50	31.57	30.55	31.39	31.25	30.85	29.95	28.86	
18	29.06	29.47	30.53	32.61	29.49	30.79	30.16	31.39	31.25	30.85	29.91	28.70	
19	29.05	29.41	29.82	30.81	29.44	30.65	30.01	31.38	31.25	30.84	29.88	28.69	
20	29.03	29.35	29.54	30.50	29.45	30.46	29.88	31.40	31.25	30.80	29.83	28.65	
21	29.02	29.30	29.42	30.43	29.41	31.04	29.81	31.40	31.25	30.76	29.80	28.63	
22	29.01	29.25	29.35	30.25	29.57	30.83	29.78	31.39	31.25	30.73	29.76	28.61	
23	29.00	29.25	29.32	30.13	29.43	30.58	29.75	31.39	31.25	30.70	29.71	28.52	
24	28.99	29.24	29.28	30.00	29.38	30.56	29.78	31.37	31.25	30.68	29.67	28.47	
25	28.99	29.21	29.28	29.96	29.37	30.25	29.70	31.32	31.25	30.66	29.61	28.45	
26	29.02	29.17	29.34	30.50	30.03	30.97	29.70	31.30	31.25	30.63	29.57	28.43	
27	29.05	29.14	29.80	30.16	29.85	30.10	29.65	31.26	31.24	30.58	29.55	28.41	
28	29.04	29.14	29.95	31.66	29.58	30.46	29.60	31.09	31.24	30.53	29.52	28.43	
29	29.05	29.14	29.87	30.21	30.34	30.42	29.59	30.94	31.24	30.52	29.47	28.53	
30	29.12	29.14	29.70	30.20	29.85	30.29	29.59	30.94	31.23	30.51		28.47	
31		29.13		30.05	29.69		29.59		31.22	30.43		28.15	
Mean	28.94	29.39	29.46	30.40	29.64	30.40	30.15	30.38	31.22	30.88	29.99	28.81	
Max	29.37	29.90	30.53	32.61	30.34	31.57	31.01	31.40	31.41	31.26	30.42	29.38	32.61
Min	28.59	29.10	29.13	29.59	29.37	29.61	29.59	29.19	30.66	30.43	29.47	28.15	28.15
Annual Max Momentary Gage Height	33.01		m. (MSL.) ,				at 15.00 Hours, on Jul 18, 2007						
Zero Gage at Bottom Elevation	28.15		m. (MSL.) ,			River Bed	28.09	m. (MSL.)					
Left Bank Elevation		34.53		m. (MSL.) ,									
Right Bank Elevation		32.94		m. (MSL.) ,		Drainage Are	201	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.05	0.45	2.10	3.95	2.05	10.72	1.45	0.00	0.01	0.00	0.00	
2	0.00	0.60	0.35	2.05	3.35	3.30	8.65	1.25	0.00	0.01	0.00	0.00	
3	0.00	0.00	1.15	1.95	2.95	3.20	6.13	1.05	0.01	0.01	0.00	0.00	
4	0.00	0.00	1.20	2.70	2.65	12.92	4.85	0.95	0.01	0.01	0.00	0.00	
5	0.00	0.25	1.45	13.28	2.40	5.45	4.35	0.65	0.01	0.01	0.00	0.00	
6	0.00	2.05	0.95	18.77	2.25	3.65	4.05	0.55	0.01	0.01	0.00	0.00	
7	0.00	2.75	0.85	16.52	2.10	3.00	11.71	0.50	0.01	0.00	0.00	0.00	
8	0.00	3.00	0.60	8.47	1.95	2.15	11.44	0.40	0.01	0.00	0.00	0.00	
9	0.00	2.30	0.35	5.50	1.85	2.75	4.45	0.20	0.01	0.00	0.00	0.00	
10	0.00	1.60	0.25	4.20	1.80	14.72	3.25	0.05	0.00	0.00	0.00	0.00	
11	0.00	1.75	0.05	3.35	1.70	4.80	6.13	0.05	0.01	0.00	0.00	0.00	
12	0.00	1.30	0.05	2.95	1.80	3.70	5.35	0.00	0.01	0.00	0.00	0.00	
13	0.00	1.25	0.00	2.45	1.90	3.60	5.35	0.00	0.01	0.00	0.00	0.00	
14	0.00	1.75	0.00	1.95	1.55	7.66	11.90	4.50	0.01	0.00	0.00	0.00	
15	0.00	2.90	0.00	3.40	1.85	8.38	10.90	0.00	0.01	0.00	0.00	0.00	
16	0.00	3.50	0.00	11.17	1.60	10.27	8.65	0.01	0.01	0.00	0.00	0.00	
17	0.00	1.80	4.85	15.92	1.50	18.51	7.75	0.01	0.01	0.00	0.00	0.00	
18	0.00	1.35	7.57	34.89	1.45	9.91	4.80	0.01	0.01	0.00	0.00	0.00	
19	0.00	1.05	3.10	10.09	1.20	8.65	4.05	0.01	0.01	0.00	0.00	0.00	
20	0.00	0.75	1.70	7.30	1.25	6.94	3.40	0.01	0.01	0.00	0.00	0.00	
21	0.00	0.50	1.10	6.67	1.05	12.20	3.05	0.01	0.01	0.00	0.00	0.00	
22	0.00	0.25	0.75	5.25	1.85	10.27	2.90	0.01	0.01	0.00	0.00	0.00	
23	0.00	0.25	0.60	4.65	1.15	8.02	2.75	0.01	0.01	0.00	0.00	0.00	
24	0.00	0.20	0.40	4.00	0.90	7.84	2.90	0.01	0.01	0.00	0.00	0.00	
25	0.00	0.05	0.40	3.80	0.85	5.25	2.50	0.01	0.01	0.00	0.00	0.00	
26	0.00	0.00	0.70	7.30	4.15	11.53	2.50	0.01	0.01	0.00	0.00	0.00	
27	0.00	0.00	3.00	4.80	3.25	4.50	2.25	0.01	0.01	0.00	0.00	0.00	
28	0.00	0.00	3.75	19.74	1.90	6.94	2.00	0.00	0.01	0.00	0.00	0.00	
29	0.00	0.00	3.35	5.05	5.86	6.58	1.95	0.00	0.01	0.00	0.00	0.00	
30	0.00	0.00	2.50	5.00	3.25	5.45	1.95	0.00	0.01	0.00	0.00	0.00	
31	0.00	0.00	0.00	4.25	2.45	0.00	1.95	0.00	0.01	0.00	0.00	0.00	
Total	0.00	31.25	41.47	239.52	67.71	214.19	164.58	11.72	0.28	0.06	0.00	0.00	770.78 CMSDAY
Mean	0.00	1.01	1.38	7.73	2.18	7.14	5.31	0.39	0.01	0.00	0.00	0.00	2.11 CMS
Max	0.00	3.50	7.57	34.89	5.86	18.51	11.90	4.50	0.01	0.01	0.00	0.00	34.89 CMS
Min	0.00	0.00	0.00	1.95	0.85	2.05	1.95	0.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	2.70	3.58	20.69	5.85	18.51	14.22	1.01	0.02	0.01	0.00	0.00	66.60 MCM
Momentary Peak	42.60	CMS, at 33.01 m. (MSL), at 15.00 Hours, on Jul 18, 2007											
Runoff Yield	10.48	Liters/Second/Square KM. Momentary Peak Yield 211.50 Liters/Second/Square KM.											

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlung Hin Dat at Ban Pong Rong Sen , Chanthaburi (Z.21)

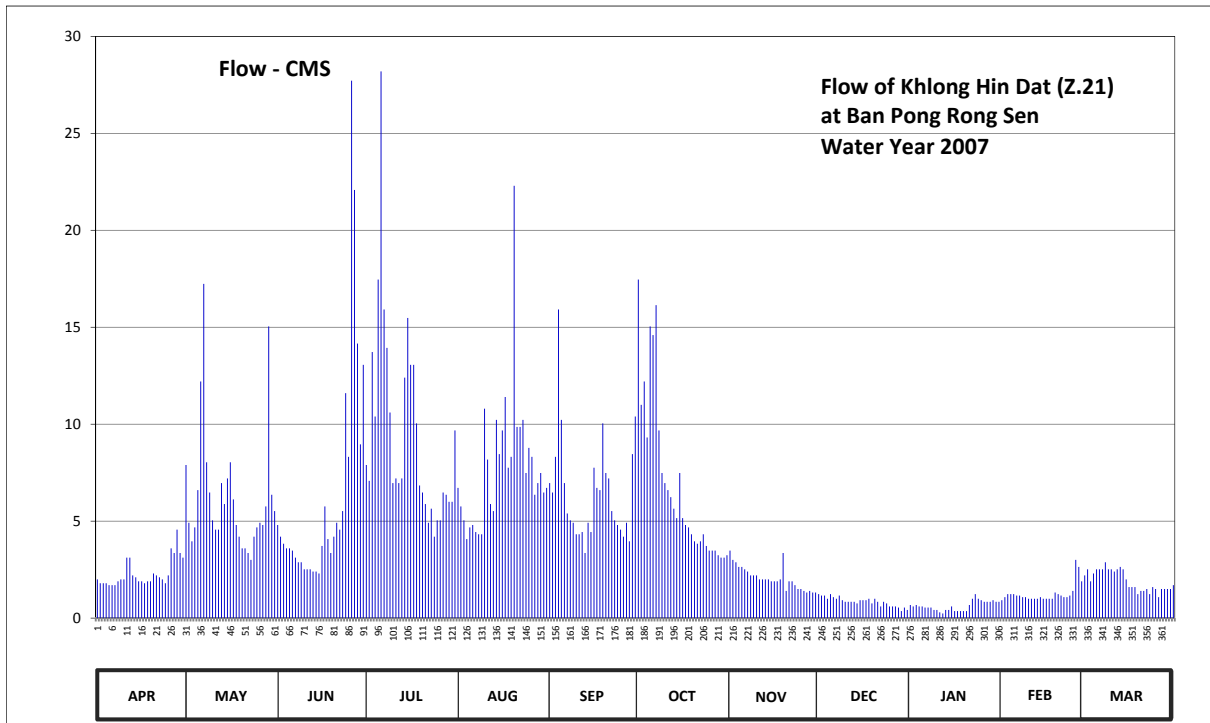
Lat 12 - 47 - 15 N Long 102 - 15 - 33 E

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	+27.671 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 good. Stage-discharge relation defined by 36 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.96	22.45	22.20	22.45	22.36	22.38	22.93	22.09	21.88	21.81	21.84	21.98	
2	21.94	22.21	22.15	22.39	22.28	22.34	22.63	22.05	21.87	21.80	21.86	22.01	
3	21.94	22.13	22.12	22.76	22.22	22.48	22.69	22.04	21.87	21.81	21.88	21.95	
4	21.94	22.19	22.10	22.60	22.14	22.86	22.54	22.02	21.85	21.80	21.88	21.99	
5	21.93	22.35	22.10	22.93	22.19	22.59	22.82	22.02	21.88	21.80	21.88	22.01	
6	21.93	22.69	22.09	23.40	22.20	22.38	22.80	22.01	21.86	21.79	21.87	22.01	
7	21.93	22.92	22.06	22.86	22.17	22.25	22.87	22.00	21.85	21.79	21.87	22.01	
8	21.95	22.46	22.04	22.77	22.16	22.22	22.56	21.98	21.87	21.79	21.86	22.04	
9	21.96	22.34	22.04	22.61	22.16	22.21	22.42	21.98	21.84	21.77	21.86	22.01	
10	21.96	22.22	22.01	22.38	22.62	22.16	22.38	21.98	21.83	21.77	21.85	22.01	
11	22.06	22.18	22.01	22.40	22.47	22.16	22.35	21.96	21.83	21.75	21.85	22.00	
12	22.06	22.18	22.01	22.38	22.29	22.17	22.32	21.96	21.83	21.74	21.85	22.01	
13	21.98	22.38	22.00	22.40	22.26	22.08	22.27	21.96	21.83	21.77	21.85	22.02	
14	21.97	22.29	22.00	22.70	22.59	22.21	22.23	21.96	21.82	21.77	21.86	22.01	
15	21.95	22.40	21.99	22.84	22.49	22.17	22.42	21.95	21.84	21.80	21.85	21.96	
16	21.95	22.46	22.11	22.73	22.56	22.44	22.23	21.95	21.84	21.76	21.85	21.92	
17	21.94	22.31	22.28	22.73	22.65	22.36	22.20	21.95	21.84	21.76	21.85	21.92	
18	21.95	22.20	22.14	22.58	22.44	22.35	22.19	21.96	21.85	21.76	21.85	21.92	
19	21.95	22.15	22.08	22.37	22.48	22.58	22.16	22.08	21.82	21.76	21.89	21.88	
20	21.99	22.10	22.15	22.34	23.15	22.42	22.13	21.90	21.85	21.76	21.88	21.90	
21	21.98	22.10	22.21	22.29	22.57	22.40	22.12	21.95	21.83	21.81	21.87	21.90	
22	21.97	22.08	22.18	22.21	22.57	22.26	22.13	21.95	21.80	21.85	21.86	21.91	
23	21.96	22.05	22.26	22.27	22.59	22.22	22.16	21.93	21.83	21.88	21.86	21.88	
24	21.94	22.15	22.66	22.15	22.42	22.20	22.11	21.91	21.82	21.85	21.87	21.92	
25	21.98	22.19	22.48	22.22	22.51	22.18	22.09	21.91	21.80	21.84	21.90	21.91	
26	22.10	22.21	23.38	22.22	22.48	22.15	22.09	21.90	21.80	21.83	22.05	21.86	
27	22.08	22.20	23.14	22.34	22.33	22.21	22.09	21.89	21.80	21.83	22.02	21.91	
28	22.18	22.28	22.78	22.33	22.38	22.13	22.07	21.90	21.79	21.83	21.95	21.91	
29	22.08	22.82	22.52	22.30	22.42	22.49	22.06	21.89	21.76	21.84	21.93	21.91	
30	22.06	22.33	22.73	22.30	22.34	22.60	22.06	21.89	21.79	21.83	21.86	21.91	
31		22.26		22.56	22.36		22.07		21.77	21.83		21.93	
Mean	21.99	22.30	22.27	22.51	22.41	22.32	22.33	21.96	21.83	21.80	21.88	21.95	
Max	22.18	22.92	23.38	23.40	23.15	22.86	22.93	22.09	21.88	21.88	22.05	22.04	23.40
Min	21.93	22.05	21.99	22.15	22.14	22.08	22.06	21.89	21.76	21.74	21.84	21.86	21.74
Annual Max Momentary Gage Height	25.02		m. (MSL.) ,		at 19.00 Hours, on Sep 4, 2007								
Zero Gage at Bottom Elevation	21.20		m. (MSL.) ,		River Bed	21.65		m. (MSL.)					
Left Bank Elevation		28.69		m. (MSL.) ,									
Right Bank Elevation		28.69		m. (MSL.) ,	Drainage Are	78		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.00	7.90	4.80	7.90	6.72	6.96	17.46	3.48	1.24	0.68	0.92	2.20	
2	1.80	4.92	4.20	7.08	5.76	6.48	11.00	3.00	1.16	0.60	1.08	2.52	
3	1.80	3.96	3.84	13.72	5.04	8.32	12.20	2.88	1.16	0.68	1.24	1.90	
4	1.80	4.68	3.60	10.40	4.08	15.92	9.32	2.64	1.00	0.60	1.24	2.30	
5	1.70	6.60	3.60	17.46	4.68	10.22	15.04	2.64	1.24	0.60	1.24	2.52	
6	1.70	12.20	3.48	28.20	4.80	6.96	14.60	2.52	1.08	0.54	1.16	2.52	
7	1.70	17.24	3.12	15.92	4.44	5.40	16.14	2.40	1.00	0.54	1.16	2.52	
8	1.90	8.04	2.88	13.94	4.32	5.04	9.68	2.20	1.16	0.54	1.08	2.88	
9	2.00	6.48	2.88	10.60	4.32	4.92	7.48	2.20	0.92	0.42	1.08	2.52	
10	2.00	5.04	2.52	6.96	10.80	4.32	6.96	2.20	0.84	0.42	1.00	2.52	
11	3.12	4.56	2.52	7.20	8.18	4.32	6.60	2.00	0.84	0.30	1.00	2.40	
12	3.12	4.56	2.52	6.96	5.88	4.44	6.24	2.00	0.84	0.24	1.00	2.52	
13	2.20	6.96	2.40	7.20	5.52	3.36	5.64	2.00	0.84	0.42	1.00	2.64	
14	2.10	5.88	2.40	12.40	10.22	4.92	5.16	2.00	0.76	0.42	1.08	2.52	
15	1.90	7.20	2.30	15.48	8.46	4.44	7.48	1.90	0.92	0.60	1.00	2.00	
16	1.90	8.04	3.72	13.06	9.68	7.76	5.16	1.90	0.92	0.36	1.00	1.60	
17	1.80	6.12	5.76	13.06	11.40	6.72	4.80	1.90	0.92	0.36	1.00	1.60	
18	1.90	4.80	4.08	10.04	7.76	6.60	4.68	2.00	1.00	0.36	1.00	1.60	
19	1.90	4.20	3.36	6.84	8.32	10.04	4.32	3.36	0.76	0.36	1.32	1.24	
20	2.30	3.60	4.20	6.48	22.30	7.48	3.96	1.40	1.00	0.36	1.24	1.40	
21	2.20	3.60	4.92	5.88	9.86	7.20	3.84	1.90	0.84	0.68	1.16	1.40	
22	2.10	3.36	4.56	4.92	9.86	5.52	3.96	1.90	0.60	1.00	1.08	1.50	
23	2.00	3.00	5.52	5.64	10.22	5.04	4.32	1.70	0.84	1.24	1.08	1.24	
24	1.80	4.20	11.60	4.20	7.48	4.80	3.72	1.50	0.76	1.00	1.16	1.60	
25	2.20	4.68	8.32	5.04	8.78	4.56	3.48	1.50	0.60	0.92	1.40	1.50	
26	3.60	4.92	27.72	5.04	8.32	4.20	3.48	1.40	0.60	0.84	3.00	1.08	
27	3.36	4.80	22.08	6.48	6.36	4.92	3.48	1.32	0.60	0.84	2.64	1.50	
28	4.56	5.76	14.16	6.36	6.96	3.96	3.24	1.40	0.54	0.84	1.90	1.50	
29	3.36	15.04	8.96	6.00	7.48	8.46	3.12	1.32	0.36	0.92	1.70	1.50	
30	3.12	6.36	13.06	6.00	6.48	10.40	3.12	1.32	0.54	0.84		1.50	
31		5.52		9.68	6.72		3.24		0.42	0.84		1.70	
Total	68.94	194.22	189.08	296.14	241.20	193.68	212.92	61.88	26.30	19.36	36.96	59.94	1600.62 CMSDAY
Mean	2.30	6.27	6.30	9.55	7.78	6.46	6.87	2.06	0.85	0.62	1.27	1.93	4.37 CMS
Max	4.56	17.24	27.72	28.20	22.30	15.92	17.46	3.48	1.24	1.24	3.00	2.88	28.20 CMS
Min	1.70	3.00	2.30	4.20	4.08	3.36	3.12	1.32	0.36	0.24	0.92	1.08	0.24 CMS
Runoff	5.96	16.78	16.34	25.59	20.84	16.73	18.40	5.35	2.27	1.67	3.19	5.18	138.29 MCM
Momentary Peak	82.24	CMS, at 25.02 m. (MSL), at 19.00 Hours, on Sep 4, 2007											
Runoff Yield	56.22	Liters/Second/Square KM. Momentary Peak Yield 1054.36 Liters/Second/Square KM.											

WATER YEAR : 2007

EAST COAST - GULF BASIN

Upper Khlong Tanot at Ban Khun Song , Chanthaburi (Z.28)

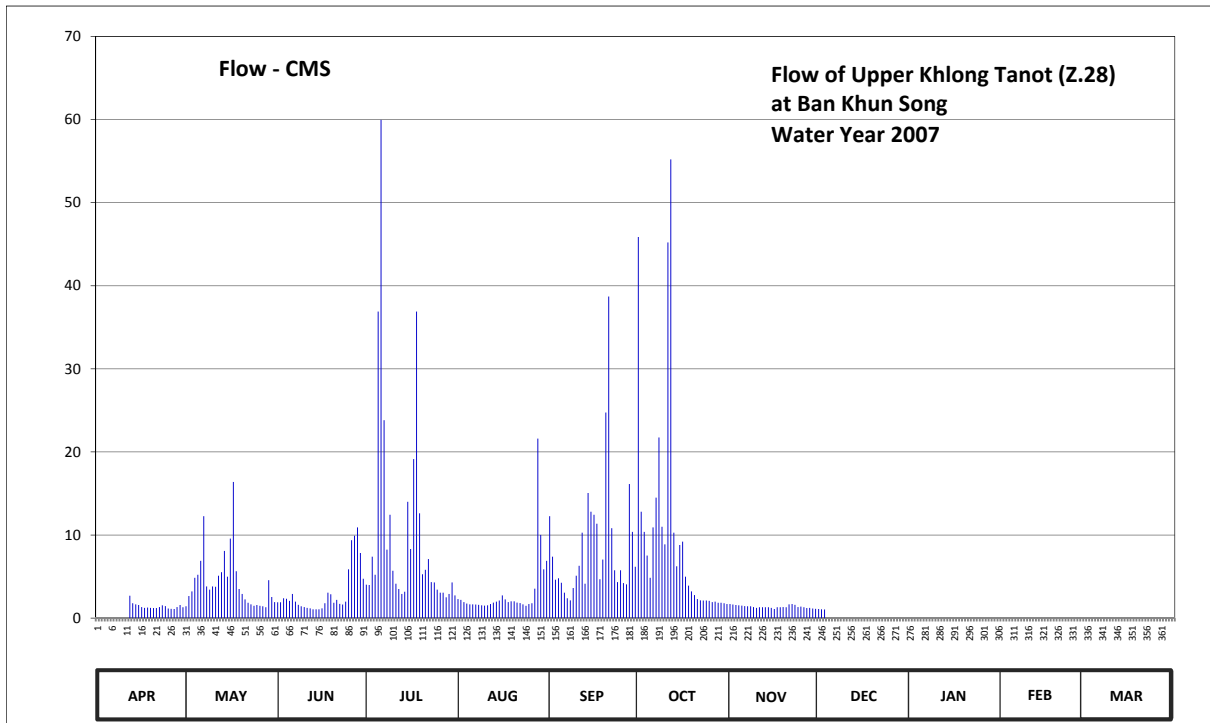
Lat 13 - 04 - 31 N Long 101 - 56 - 55 E

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	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 19 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.66	33.24	33.40	33.98	33.53	35.14	37.43	33.33	33.13	33.52	33.18	32.79	
2	32.64	33.64	33.40	33.97	33.50	34.57	35.20	33.31	33.12	33.34	33.17	32.77	
3	32.62	33.78	33.56	34.57	33.41	34.12	34.93	33.29	33.11	33.52	33.16	32.77	
4	32.61	34.16	33.54	34.22	33.35	34.15	34.59	33.28	33.24	33.52	33.18	32.76	
5	32.60	34.22	33.46	36.95	33.32	34.04	34.16	33.27	33.45	33.52	33.18	32.75	
6	32.60	34.50	33.70	38.03	33.32	33.74	34.99	33.25	33.53	33.51	33.17	32.74	
7	32.60	35.14	33.43	36.14	33.31	33.56	35.38	33.24	33.52	33.50	33.17	32.72	
8	32.60	33.93	33.30	34.68	33.30	33.48	35.98	33.24	33.52	33.49	33.17	32.70	
9	32.60	33.83	33.24	35.16	33.28	33.88	35.00	33.21	33.55	33.48	33.15	32.70	
10	32.60	33.93	33.21	34.30	33.27	34.20	34.76	33.18	33.52	33.47	33.09	32.69	
11	32.60	33.92	33.18	34.01	33.28	34.40	37.40	33.20	33.50	33.46	33.04	32.65	
12	33.65	34.20	33.16	33.85	33.33	34.92	37.84	33.20	33.51	33.45	33.02	32.38	
13	33.36	34.27	33.12	33.70	33.39	34.01	34.92	33.20	33.53	33.44	33.02	32.38	
14	33.32	34.66	33.12	33.77	33.43	35.43	34.39	33.20	33.52	33.43	33.02	32.38	
15	33.29	34.18	33.12	35.33	33.47	35.20	34.75	33.18	33.51	33.42	33.01	32.38	
16	33.21	34.84	33.16	34.69	33.66	35.16	34.80	33.13	33.52	33.40	32.99	32.38	
17	33.18	35.54	33.36	35.77	33.52	35.04	34.18	33.20	33.54	33.39	32.96	32.38	
18	33.19	34.29	33.74	36.95	33.41	34.13	33.95	33.20	33.55	33.38	32.95	32.38	
19	33.18	33.85	33.69	35.18	33.44	34.52	33.78	33.21	33.55	33.36	32.94	32.38	
20	33.17	33.70	33.38	34.23	33.44	36.21	33.67	33.20	33.53	33.34	32.93	32.38	
21	33.17	33.52	33.50	34.32	33.39	37.05	33.53	33.32	33.51	33.33	32.93	32.38	
22	33.21	33.38	33.34	34.53	33.37	34.98	33.48	33.33	33.50	33.31	32.91	32.38	
23	33.28	33.32	33.31	34.06	33.32	34.31	33.47	33.30	33.50	33.31	32.87	32.38	
24	33.25	33.26	33.43	34.05	33.26	34.06	33.47	33.21	33.55	33.29	32.86	32.38	
25	33.15	33.29	34.33	33.83	33.33	34.31	33.46	33.23	33.43	33.28	32.85	32.38	
26	33.14	33.26	34.82	33.74	33.36	34.03	33.41	33.20	33.41	33.26	32.84	32.38	
27	33.13	33.24	34.88	33.74	33.86	33.99	33.43	33.17	33.40	33.25	32.83	32.38	
28	33.21	33.20	34.99	33.60	35.97	35.52	33.38	33.18	33.39	33.24	32.82	32.38	
29	33.29	34.11	34.63	33.70	34.89	34.93	33.38	33.15	33.38	33.23	32.81	32.38	
30	33.20	33.61	34.14	34.05	34.33	34.38	33.36	33.14	33.44	33.21	32.38	32.38	
31		33.41		33.66	34.50		33.33		33.48	33.21	32.38	32.38	
Mean	33.01	33.92	33.62	34.61	33.60	34.58	34.51	33.23	33.45	33.38	33.01	32.50	
Max	33.65	35.54	34.99	38.03	35.97	37.05	37.84	33.33	33.55	33.52	33.18	32.79	38.03
Min	32.60	33.20	33.12	33.60	33.26	33.48	33.33	33.13	33.11	33.21	32.81	32.38	32.38
Annual Max Momentary Gage Height	39.00		m. (MSL.) ,			at 07.00 Hours, on Oct 12, 2007							
Zero Gage at Bottom Elevation	32.60		m. (MSL.) ,			River Bed 32.38	m. (MSL.)						
Left Bank Elevation		41.02		m. (MSL.) ,									
Right Bank Elevation		39.21		m. (MSL.) ,		Drainage Are 280	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.42	1.90	4.02	2.29	12.26	45.86	1.69	1.09	0.00	0.00	0.00	
2	0.00	2.66	1.90	3.98	2.20	7.39	12.80	1.63	1.06	0.00	0.00	0.00	
3	0.00	3.22	2.38	7.39	1.93	4.62	10.37	1.57	1.03	0.00	0.00	0.00	
4	0.00	4.86	2.32	5.22	1.75	4.80	7.53	1.54	0.00	0.00	0.00	0.00	
5	0.00	5.22	2.08	36.90	1.66	4.26	4.86	1.51	0.00	0.00	0.00	0.00	
6	0.00	6.90	2.90	59.95	1.66	3.06	10.91	1.45	0.00	0.00	0.00	0.00	
7	0.00	12.26	1.99	23.82	1.63	2.38	14.50	1.42	0.00	0.00	0.00	0.00	
8	0.00	3.82	1.60	8.24	1.60	2.14	21.74	1.42	0.00	0.00	0.00	0.00	
9	0.00	3.42	1.42	12.44	1.54	3.62	11.00	1.33	0.00	0.00	0.00	0.00	
10	0.00	3.82	1.33	5.70	1.51	5.10	8.88	1.24	0.00	0.00	0.00	0.00	
11	0.00	3.78	1.24	4.14	1.54	6.30	45.20	1.30	0.00	0.00	0.00	0.00	
12	2.70	5.10	1.18	3.50	1.69	10.28	55.20	1.30	0.00	0.00	0.00	0.00	
13	1.78	5.52	1.06	2.90	1.87	4.14	10.28	1.30	0.00	0.00	0.00	0.00	
14	1.66	8.08	1.06	3.18	1.99	15.06	6.24	1.30	0.00	0.00	0.00	0.00	
15	1.57	4.98	1.06	14.00	2.11	12.80	8.80	1.24	0.00	0.00	0.00	0.00	
16	1.33	9.56	1.18	8.32	2.74	12.44	9.20	1.09	0.00	0.00	0.00	0.00	
17	1.24	16.38	1.78	19.14	2.26	11.36	4.98	1.30	0.00	0.00	0.00	0.00	
18	1.27	5.64	3.06	36.90	1.93	4.68	3.90	1.30	0.00	0.00	0.00	0.00	
19	1.24	3.50	2.86	12.62	2.02	7.04	3.22	1.33	0.00	0.00	0.00	0.00	
20	1.21	2.90	1.84	5.28	2.02	24.75	2.78	1.30	0.00	0.00	0.00	0.00	
21	1.21	2.26	2.20	5.82	1.87	38.70	2.29	1.66	0.00	0.00	0.00	0.00	
22	1.33	1.84	1.72	7.11	1.81	10.82	2.14	1.69	0.00	0.00	0.00	0.00	
23	1.54	1.66	1.63	4.34	1.66	5.76	2.11	1.60	0.00	0.00	0.00	0.00	
24	1.45	1.48	1.99	4.30	1.48	4.34	2.11	1.33	0.00	0.00	0.00	0.00	
25	1.15	1.57	5.88	3.42	1.69	5.76	2.08	1.39	0.00	0.00	0.00	0.00	
26	1.12	1.48	9.38	3.06	1.78	4.22	1.93	1.30	0.00	0.00	0.00	0.00	
27	1.09	1.42	9.92	3.06	3.54	4.06	1.99	1.21	0.00	0.00	0.00	0.00	
28	1.33	1.30	10.91	2.50	21.61	16.14	1.84	1.24	0.00	0.00	0.00	0.00	
29	1.57	4.56	7.84	2.90	10.01	10.37	1.84	1.15	0.00	0.00	0.00	0.00	
30	1.30	2.54	4.74	4.30	5.88	6.18	1.78	1.12	0.00	0.00	0.00	0.00	
31		1.93		2.74	6.90		1.69		0.00	0.00		0.00	
Total	27.09	135.08	92.35	321.19	96.17	264.83	320.05	41.25	3.18	0.00	0.00	0.00	1301.19 CMSDAY
Mean	0.90	4.36	3.08	10.36	3.10	8.83	10.32	1.37	0.10	0.00	0.00	0.00	3.56 CMS
Max	2.70	16.38	10.91	59.95	21.61	38.70	55.20	1.69	1.09	0.00	0.00	0.00	59.95 CMS
Min	0.00	1.30	1.06	2.50	1.48	2.14	1.69	1.09	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	2.34	11.67	7.98	27.75	8.31	22.88	27.65	3.56	0.27	0.00	0.00	0.00	112.42 MCM
Momentary Peak	88.40	CMS, at 39.00 m. (MSL), at 07.00 Hours, on Oct 12, 2007											
Runoff Yield	12.73	Liters/Second/Square KM.		Momentary Peak Yield		315.71	Liters/Second/Square KM.						

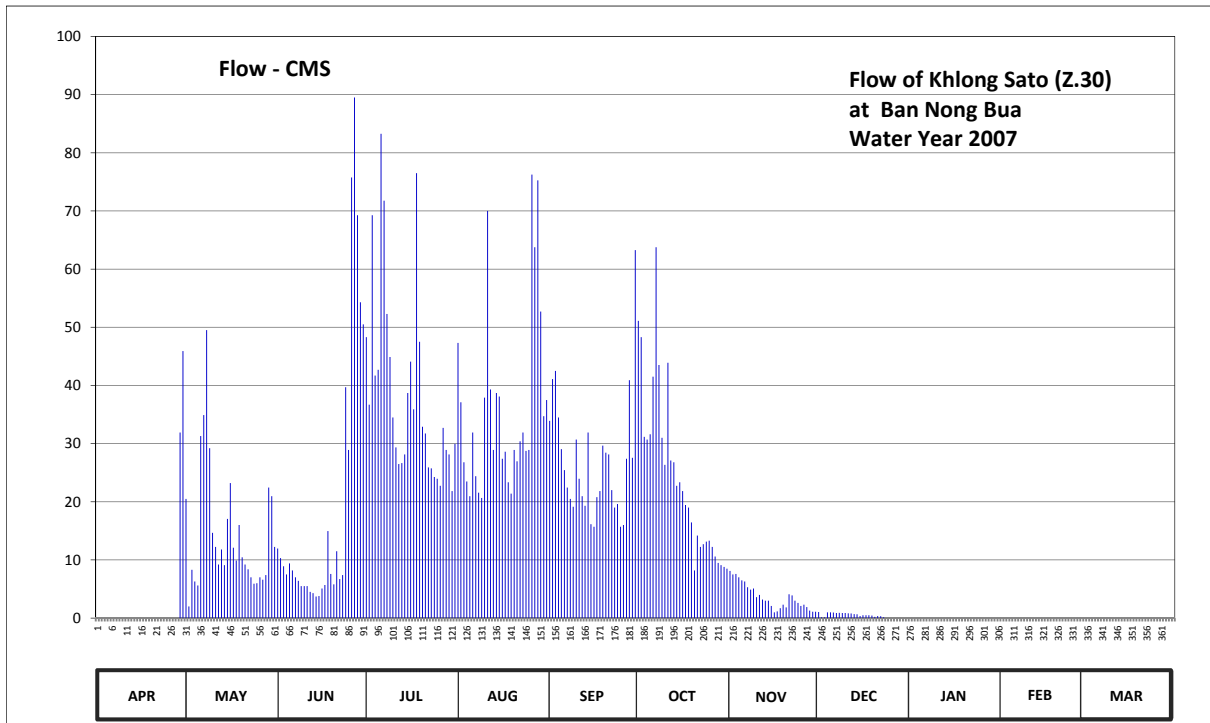
WATER YEAR : 2007
EAST COAST - GULF BASIN
Khlong Sato at Ban Nong Bua , Trat (Z.30)
 Lat 12 - 32 - 22 N Long 102 - 26 - 58 E

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 good. Stage-discharge relation defined by 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.02	12.30	11.73	13.89	13.84	13.17	14.03	11.41	10.61	12.60	11.80	12.71	
2	12.92	10.80	11.62	13.31	13.33	13.53	13.89	11.35	10.25	12.69	11.80	12.62	
3	12.86	11.43	11.49	14.83	12.72	13.60	13.01	11.36	10.25	12.73	11.93	12.52	
4	12.81	11.23	11.35	13.56	12.50	13.20	12.98	11.30	10.59	12.74	12.91	12.46	
5	12.80	11.16	11.54	13.61	12.33	12.87	13.04	11.25	10.59	12.75	12.99	12.42	
6	12.78	13.02	11.42	15.39	13.06	12.63	13.55	11.23	10.58	12.77	13.06	12.39	
7	12.79	13.22	11.30	14.93	12.56	12.43	14.61	11.13	10.55	12.77	12.98	12.36	
8	12.75	13.95	11.24	14.09	12.37	12.30	13.65	11.09	10.56	12.76	12.93	12.36	
9	12.74	12.88	11.15	13.72	12.31	12.21	13.00	11.11	10.55	12.76	12.86	12.35	
10	12.74	11.91	11.15	13.20	13.37	12.98	12.69	10.96	10.55	12.76	12.75	12.32	
11	12.83	11.75	11.15	12.89	14.86	12.53	13.67	11.00	10.53	12.75	12.63	12.30	
12	12.80	11.52	11.05	12.70	13.44	12.33	12.74	10.92	10.52	12.75	12.60	12.30	
13	12.80	11.72	11.03	12.71	12.86	12.22	12.72	10.90	10.47	12.72	12.56	12.30	
14	12.85	11.51	10.97	12.81	13.41	13.06	12.45	10.90	10.46	12.57	12.50	12.30	
15	12.83	12.07	10.98	13.41	13.38	12.01	12.49	10.81	10.34	12.47	12.46	12.29	
16	12.79	12.48	11.11	13.68	12.76	11.98	12.39	10.60	10.39	12.39	12.44	12.28	
17	12.77	11.74	11.17	13.27	12.84	12.32	12.23	10.63	10.40	12.35	12.41	12.29	
18	12.76	11.59	11.93	15.12	12.49	12.39	12.20	10.74	10.40	12.30	12.37	12.28	
19	12.75	12.00	11.36	13.85	12.36	12.91	12.03	10.83	10.38	12.30	12.34	12.25	
20	12.73	11.63	11.18	13.12	12.86	12.83	11.42	10.77	10.29	12.30	12.32	12.24	
21	12.71	11.52	11.70	13.05	12.73	12.81	11.88	11.01	10.34	12.30	12.30	12.24	
22	12.71	11.44	11.27	12.66	12.96	12.40	11.75	10.99	10.33	12.29	12.30	12.24	
23	12.70	11.30	11.34	12.65	13.06	12.20	11.78	10.90	10.25	12.30	12.29	12.26	
24	12.71	11.19	13.46	12.55	12.85	12.24	11.81	10.86	10.34	12.32	12.26	12.24	
25	12.71	11.20	12.86	12.53	12.86	11.98	11.82	10.81	10.37	12.32	12.25	12.26	
26	12.71	11.30	15.09	12.45	15.11	12.00	11.75	10.83	10.75	12.38	12.25	12.25	
27	12.75	11.26	15.64	13.11	14.61	12.76	11.64	10.78	11.46	12.40	12.55	12.31	
28	12.79	11.34	14.83	12.86	15.07	13.52	11.55	10.66	12.19	12.45	12.81	12.63	
29	13.06	12.43	14.19	12.81	14.11	12.77	11.51	10.62	12.55	12.44	12.79	12.83	
30	13.77	12.33	14.00	12.39	13.21	14.59	11.48	10.62	12.80	12.43	12.43	12.90	
31		11.75		12.93	13.35		11.45		13.20	12.44		12.90	
Mean	12.82	11.84	12.01	13.36	13.21	12.69	12.49	10.95	10.77	12.53	12.50	12.40	
Max	13.77	13.95	15.64	15.39	15.11	14.59	14.61	11.41	13.20	12.77	13.06	12.90	15.64
Min	12.70	10.80	10.97	12.39	12.31	11.98	11.42	10.60	10.25	12.29	11.80	12.24	10.25
Annual Max Momentary Gage Height	16.00		m. (MSL.) ,			at 18.00 Hours, on Jun 26, 2007							
Zero Gage at Bottom Elevation	9.20		m. (MSL.) ,			River Bed 8.71	m. (MSL.)						
Left Bank Elevation	20.51		m. (MSL.) ,										
Right Bank Elevation	20.53		m. (MSL.) ,			Drainage Are 316	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	20.50	11.95	48.30	47.30	33.90	51.10	8.10	1.05	0.00	0.00	0.01	
2	0.01	2.00	10.30	36.70	37.10	41.10	48.30	7.50	0.13	0.01	0.00	0.00	
3	0.01	8.30	8.90	69.25	26.80	42.50	31.15	7.60	0.13	0.01	0.00	0.00	
4	0.01	6.30	7.50	41.70	23.50	34.50	30.70	7.00	0.98	0.01	0.01	0.00	
5	0.01	5.60	9.40	42.70	20.95	29.05	31.60	6.50	0.98	0.01	0.01	0.00	
6	0.01	31.30	8.20	83.25	31.90	25.45	41.50	6.30	0.95	0.01	0.01	0.00	
7	0.01	34.90	7.00	71.75	24.40	22.45	63.75	5.30	0.88	0.01	0.01	0.00	
8	0.01	49.50	6.40	52.30	21.55	20.50	43.50	4.90	0.90	0.01	0.01	0.00	
9	0.01	29.20	5.50	44.90	20.65	19.15	31.00	5.10	0.88	0.01	0.01	0.00	
10	0.01	14.65	5.50	34.50	37.90	30.70	26.35	3.60	0.88	0.01	0.01	0.00	
11	0.01	12.25	5.50	29.35	70.00	23.95	43.90	4.00	0.83	0.01	0.00	0.00	
12	0.01	9.20	4.50	26.50	39.30	20.95	27.10	3.20	0.80	0.01	0.00	0.00	
13	0.01	11.80	4.30	26.65	28.90	19.30	26.80	3.00	0.68	0.01	0.00	0.00	
14	0.01	9.10	3.70	28.15	38.70	31.90	22.75	3.00	0.65	0.00	0.00	0.00	
15	0.01	17.05	3.80	38.70	38.10	16.15	23.35	2.10	0.35	0.00	0.00	0.00	
16	0.01	23.20	5.10	44.10	27.40	15.70	21.85	1.00	0.48	0.00	0.00	0.00	
17	0.01	12.10	5.70	35.90	28.60	20.80	19.45	1.15	0.50	0.00	0.00	0.00	
18	0.01	9.90	14.95	76.50	23.35	21.85	19.00	1.70	0.50	0.00	0.00	0.00	
19	0.01	16.00	7.60	47.50	21.40	29.65	16.45	2.30	0.45	0.00	0.00	0.00	
20	0.01	10.45	5.80	32.90	28.90	28.45	8.20	1.85	0.23	0.00	0.00	0.00	
21	0.01	9.20	11.50	31.75	26.95	28.15	14.20	4.10	0.35	0.00	0.00	0.00	
22	0.01	8.40	6.70	25.90	30.40	22.00	12.25	3.90	0.33	0.00	0.00	0.00	
23	0.01	7.00	7.40	25.75	31.90	19.00	12.70	3.00	0.13	0.00	0.00	0.00	
24	0.01	5.90	39.70	24.25	28.75	19.60	13.15	2.60	0.00	0.00	0.00	0.00	
25	0.01	6.00	28.90	23.95	28.90	15.70	13.30	2.10	0.00	0.00	0.00	0.00	
26	0.01	7.00	75.75	22.75	76.25	16.00	12.25	2.30	0.00	0.00	0.00	0.00	
27	0.01	6.60	89.50	32.70	63.75	27.40	10.60	1.90	0.00	0.00	0.00	0.00	
28	0.01	7.40	69.25	28.90	75.25	40.90	9.50	1.30	0.00	0.00	0.01	0.00	
29	31.90	22.45	54.30	28.15	52.70	27.55	9.10	1.10	0.00	0.00	0.01	0.01	
30	45.90	20.95	50.50	21.85	34.70	63.25	8.80	1.10	0.01	0.00	0.00	0.01	
31		12.25		29.95	37.50		8.50		0.01	0.00		0.01	
Total	78.08	446.45	575.10	1207.50	1123.75	807.55	752.15	108.60	14.06	0.12	0.09	0.04	5113.49 CMSDAY
Mean	2.60	14.40	19.17	38.95	36.25	26.92	24.26	3.62	0.45	0.00	0.00	0.00	13.97 CMS
Max	45.90	49.50	89.50	83.25	76.25	63.25	63.75	8.10	1.05	0.01	0.01	0.01	89.50 CMS
Min	0.01	2.00	3.70	21.85	20.65	15.70	8.20	1.00	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	6.75	38.57	49.69	104.33	97.09	69.77	64.99	9.38	1.21	0.01	0.01	0.00	441.81 MCM
Momentary Peak	98.50 CMS, at 16.00 m. (MSL), at 18.00 Hours, on Jun 26, 2007												
Runoff Yield	44.33 Liters/Second/Square KM.			Momentary Peak Yield			311.71 Liters/Second/Square KM.						

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Phrawa Yai at Ban Phrawa, Chanthaburi (Z.39)

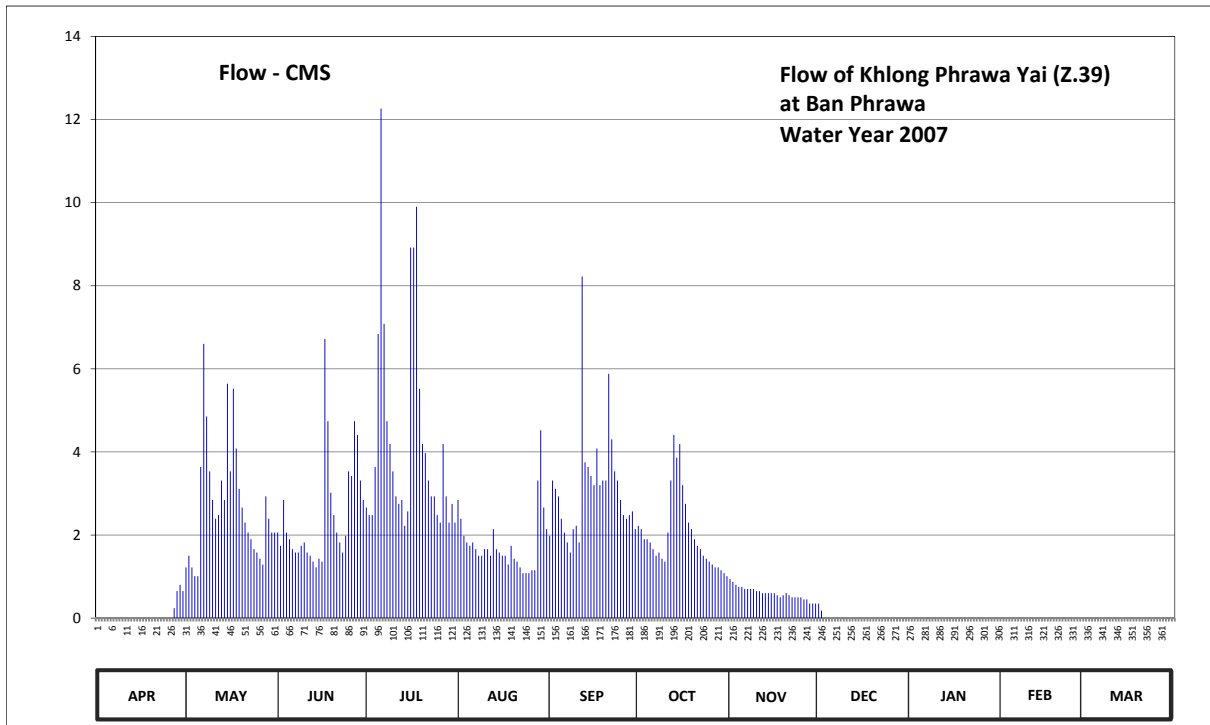
Lat 13 - 00 - 55 N Long 101 - 47 - 26 E

Location : on left bank at Ban Phrawa.

	Ban Phrawa	Amphoe Kaeng Hang Maeo	Changwat Chanthaburi
Drainage Area	80 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+59.729 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank next tall pole for electric cable dwelling.	Elevation	+62.879 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	1998 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 12 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	59.73	59.96	60.07	60.14	60.16	60.06	60.09	59.92	59.81	60.30	59.74	59.73	
2	59.73	60.00	60.03	60.12	60.11	60.21	60.08	59.91	59.78	60.30	59.74	59.73	
3	59.73	59.96	60.16	60.12	60.06	60.19	60.05	59.90	59.73	60.29	59.75	59.73	
4	59.73	59.93	60.07	60.24	60.04	60.17	60.05	59.89	59.73	60.26	59.74	59.73	
5	59.73	59.93	60.05	60.52	60.03	60.11	60.04	59.89	59.73	60.26	59.74	59.73	
6	59.73	60.24	60.02	60.91	60.04	60.07	60.02	59.88	59.73	60.24	59.74	59.73	
7	59.73	60.50	60.01	60.54	60.02	60.04	60.00	59.88	59.73	60.24	59.74	59.73	
8	59.73	60.35	60.01	60.34	60.00	60.01	60.01	59.88	59.73	60.23	59.74	59.73	
9	59.73	60.23	60.03	60.29	60.00	60.08	59.99	59.88	59.73	60.20	59.74	59.73	
10	59.73	60.16	60.04	60.23	60.02	60.09	59.98	59.87	59.78	60.19	59.73	59.73	
11	59.73	60.11	60.01	60.17	60.02	60.04	60.07	59.87	59.78	60.18	59.73	59.73	
12	59.73	60.12	60.00	60.15	60.00	60.63	60.21	59.86	59.78	60.17	59.73	59.73	
13	59.73	60.21	59.98	60.16	60.08	60.25	60.31	59.86	59.80	60.15	59.73	59.73	
14	59.73	60.16	59.96	60.09	60.02	60.24	60.26	59.86	59.80	60.10	59.73	59.73	
15	59.73	60.42	59.99	60.13	60.01	60.22	60.29	59.86	59.85	60.07	59.73	59.73	
16	59.73	60.23	59.98	60.68	60.00	60.20	60.20	59.86	59.86	60.06	59.73	59.73	
17	59.73	60.41	60.51	60.68	60.00	60.28	60.15	59.85	60.34	60.02	59.73	59.73	
18	59.73	60.28	60.34	60.75	59.97	60.20	60.10	59.84	60.42	59.99	59.73	59.73	
19	59.73	60.19	60.18	60.41	60.03	60.21	60.08	59.85	60.44	59.98	59.73	59.73	
20	59.73	60.14	60.12	60.29	59.99	60.21	60.05	59.86	60.43	59.95	59.73	59.73	
21	59.73	60.10	60.07	60.27	59.98	60.44	60.03	59.85	60.38	59.93	59.73	59.73	
22	59.73	60.07	60.04	60.21	59.96	60.30	60.02	59.84	60.37	59.89	59.73	59.73	
23	59.73	60.05	60.01	60.17	59.94	60.23	60.00	59.84	60.34	59.86	59.73	59.73	
24	59.73	60.02	60.06	60.17	59.94	60.21	59.99	59.84	60.36	59.84	59.73	59.73	
25	59.73	60.01	60.23	60.12	59.94	60.16	59.98	59.84	60.35	59.83	59.73	59.73	
26	59.73	59.99	60.22	60.10	59.95	60.12	59.97	59.83	60.33	59.81	59.73	59.73	
27	59.79	59.97	60.34	60.29	59.95	60.11	59.96	59.83	60.33	59.76	59.73	59.73	
28	59.87	60.17	60.31	60.17	60.21	60.12	59.96	59.81	60.33	59.73	59.73	59.73	
29	59.90	60.11	60.21	60.10	60.32	60.13	59.95	59.81	60.31	59.74	59.73	59.73	
30	59.87	60.07	60.16	60.15	60.14	60.08	59.94	59.81	60.30	59.75	59.73	59.73	
31		60.07		60.10	60.08		59.93		60.29	59.74		59.73	
Mean	59.75	60.13	60.11	60.28	60.03	60.18	60.06	59.86	60.05	60.03	59.73	59.73	
Max	59.90	60.50	60.51	60.91	60.32	60.63	60.31	59.92	60.44	60.30	59.75	59.73	60.91
Min	59.73	59.93	59.96	60.09	59.94	60.01	59.93	59.81	59.73	59.73	59.73	59.73	59.73
Annual Max Momentary Gage Height	61.13		m. (MSL.) ,				at 18.00 Hours, on Jul 17, 2007						
Zero Gage at Bottom Elevation	59.73		m. (MSL.) ,			River Bed	59.74	m. (MSL.)					
Left Bank Elevation		62.58	m. (MSL.) ,										
Right Bank Elevation		63.06	m. (MSL.) ,			Drainage Are	80	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.22	2.06	2.66	2.84	1.98	2.22	0.94	0.35	0.00	0.00	0.00	
2	0.00	1.50	1.74	2.48	2.39	3.31	2.14	0.87	0.18	0.00	0.00	0.00	
3	0.00	1.22	2.84	2.48	1.98	3.11	1.90	0.80	0.00	0.00	0.00	0.00	
4	0.00	1.01	2.06	3.64	1.82	2.93	1.90	0.75	0.00	0.00	0.00	0.00	
5	0.00	1.01	1.90	6.84	1.74	2.39	1.82	0.75	0.00	0.00	0.00	0.00	
6	0.00	3.64	1.66	12.26	1.82	2.06	1.66	0.70	0.00	0.00	0.00	0.00	
7	0.00	6.60	1.58	7.08	1.66	1.82	1.50	0.70	0.00	0.00	0.00	0.00	
8	0.00	4.85	1.58	4.74	1.50	1.58	1.58	0.70	0.00	0.00	0.00	0.00	
9	0.00	3.53	1.74	4.19	1.50	2.14	1.43	0.70	0.00	0.00	0.00	0.00	
10	0.00	2.84	1.82	3.53	1.66	2.22	1.36	0.65	0.00	0.00	0.00	0.00	
11	0.00	2.39	1.58	2.93	1.66	1.82	2.06	0.65	0.00	0.00	0.00	0.00	
12	0.00	2.48	1.50	2.75	1.50	8.22	3.31	0.60	0.00	0.00	0.00	0.00	
13	0.00	3.31	1.36	2.84	2.14	3.75	4.41	0.60	0.00	0.00	0.00	0.00	
14	0.00	2.84	1.22	2.22	1.66	3.64	3.86	0.60	0.00	0.00	0.00	0.00	
15	0.00	5.64	1.43	2.57	1.58	3.42	4.19	0.60	0.00	0.00	0.00	0.00	
16	0.00	3.53	1.36	8.92	1.50	3.20	3.20	0.60	0.00	0.00	0.00	0.00	
17	0.00	5.52	6.72	8.92	1.50	4.08	2.75	0.55	0.00	0.00	0.00	0.00	
18	0.00	4.08	4.74	9.90	1.29	3.20	2.30	0.50	0.00	0.00	0.00	0.00	
19	0.00	3.11	3.02	5.52	1.74	3.31	2.14	0.55	0.00	0.00	0.00	0.00	
20	0.00	2.66	2.48	4.19	1.43	3.31	1.90	0.60	0.00	0.00	0.00	0.00	
21	0.00	2.30	2.06	3.97	1.36	5.88	1.74	0.55	0.00	0.00	0.00	0.00	
22	0.00	2.06	1.82	3.31	1.22	4.30	1.66	0.50	0.00	0.00	0.00	0.00	
23	0.00	1.90	1.58	2.93	1.08	3.53	1.50	0.50	0.00	0.00	0.00	0.00	
24	0.00	1.66	1.98	2.93	1.08	3.31	1.43	0.50	0.00	0.00	0.00	0.00	
25	0.00	1.58	3.53	2.48	1.08	2.84	1.36	0.50	0.00	0.00	0.00	0.00	
26	0.00	1.43	3.42	2.30	1.15	2.48	1.29	0.45	0.00	0.00	0.00	0.00	
27	0.24	1.29	4.74	4.19	1.15	2.39	1.22	0.45	0.00	0.00	0.00	0.00	
28	0.65	2.93	4.41	2.93	3.31	2.48	1.22	0.35	0.00	0.00	0.00	0.00	
29	0.80	2.39	3.31	2.30	4.52	2.57	1.15	0.35	0.00	0.00	0.00	0.00	
30	0.65	2.06	2.84	2.75	2.66	2.14	1.08	0.35	0.00	0.00	0.00	0.00	
31		2.06		2.30	2.14		1.01		0.00	0.00		0.00	
Total	2.34	84.64	74.08	133.05	55.66	93.41	62.29	17.91	0.53	0.00	0.00	0.00	523.91 CMSDAY
Mean	0.08	2.73	2.47	4.29	1.80	3.11	2.01	0.60	0.02	0.00	0.00	0.00	1.43 CMS
Max	0.80	6.60	6.72	12.26	4.52	8.22	4.41	0.94	0.35	0.00	0.00	0.00	12.26 CMS
Min	0.00	1.01	1.22	2.22	1.08	1.58	1.01	0.35	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.20	7.31	6.40	11.50	4.81	8.07	5.38	1.55	0.05	0.00	0.00	0.00	45.27 MCM
Momentary Peak	15.84	CMS, at 61.13 m. (MSL), at 18.00 Hours, on Jul 17, 2007											
Runoff Yield	17.93	Liters/Second/Square KM.		Momentary Peak Yield		197.88	Liters/Second/Square KM.						

WATER YEAR : 2007

EAST COAST - GULF BASIN

Klong Prakaet at Ban Prakaet , Chanthaburi (Z.42)

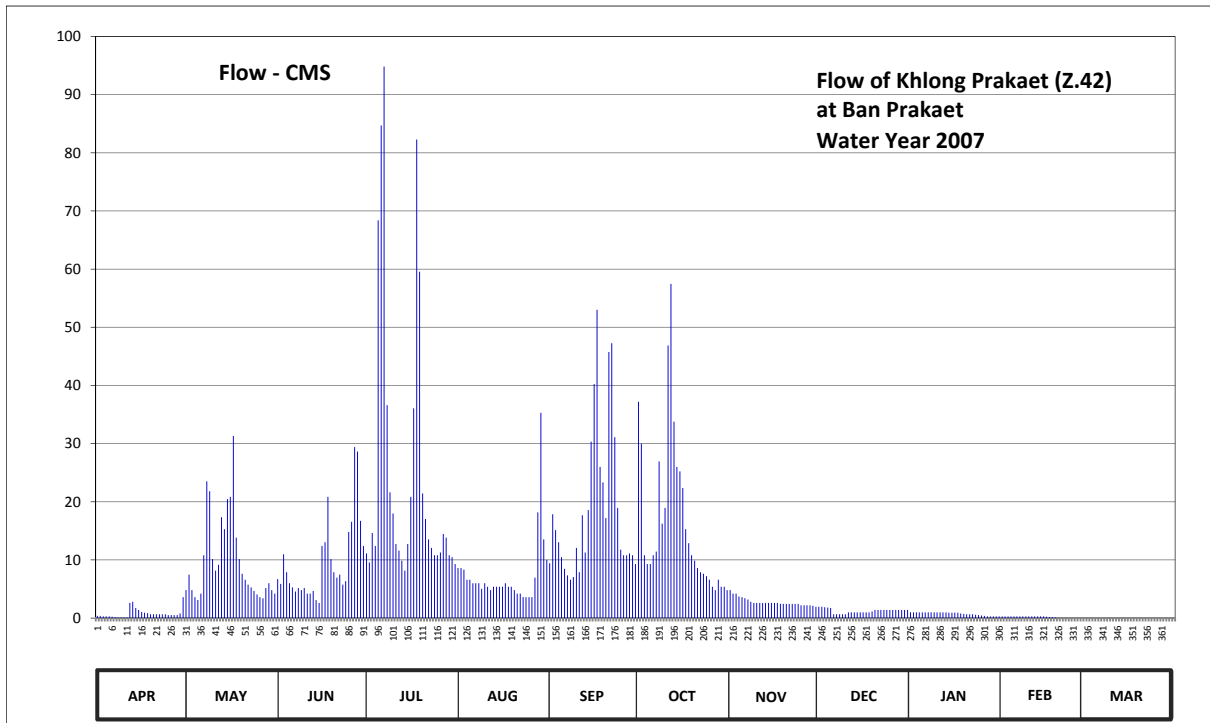
Lat 12 - 57 - 32 N Long 101 - 51 - 57 E

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	Water - stage recorder.		
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	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	2000 to date.		
Rated by Flot	-		
Rated by Current Meter	2000 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 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.81	18.30	18.46	18.77	18.60	18.66	20.21	18.30	18.02	17.90	17.80	17.75	
2	17.81	18.52	18.39	18.67	18.60	19.19	19.83	18.25	18.02	17.90	17.80	17.75	
3	17.80	18.30	18.76	18.99	18.58	19.02	18.75	18.25	18.01	17.90	17.80	17.75	
4	17.80	18.20	18.55	18.85	18.45	18.89	18.65	18.21	18.00	17.90	17.80	17.75	
5	17.80	18.15	18.40	21.77	18.45	18.73	18.65	18.20	17.99	17.90	17.80	17.75	
6	17.79	18.25	18.34	22.54	18.40	18.59	18.75	18.18	17.85	17.90	17.80	17.75	
7	17.78	18.75	18.28	23.00	18.40	18.51	18.79	18.16	17.85	17.90	17.80	17.75	
8	17.77	19.49	18.33	20.18	18.40	18.45	19.67	18.12	17.85	17.90	17.80	17.75	
9	17.77	19.40	18.30	19.39	18.32	18.49	19.09	18.10	17.85	17.90	17.80	17.75	
10	17.77	18.71	18.33	19.20	18.40	18.83	19.25	18.10	17.85	17.90	17.80	17.75	
11	17.77	18.57	18.25	18.87	18.35	18.55	20.72	18.10	17.90	17.90	17.80	17.75	
12	18.10	18.64	18.25	18.80	18.30	19.18	21.25	18.10	17.90	17.90	17.80	17.75	
13	18.12	19.16	18.29	18.69	18.35	18.78	20.03	18.10	17.90	17.90	17.80	17.75	
14	17.99	19.03	18.15	18.57	18.35	19.23	19.62	18.10	17.90	17.89	17.80	17.75	
15	17.95	19.33	18.10	18.87	18.35	19.85	19.58	18.10	17.90	17.89	17.80	17.75	
16	17.91	19.35	18.85	19.35	18.35	20.37	19.43	18.10	17.90	17.89	17.79	17.75	
17	17.89	19.90	18.89	20.15	18.40	21.03	19.03	18.10	17.90	17.89	17.78	17.75	
18	17.88	18.94	19.35	22.43	18.35	19.62	18.88	18.08	17.90	17.87	17.78	17.75	
19	17.85	18.71	18.71	21.35	18.35	19.48	18.75	18.08	17.92	17.86	17.77	17.75	
20	17.85	18.53	18.55	19.38	18.30	19.15	18.69	18.08	17.95	17.85	17.75	17.75	
21	17.85	18.45	18.48	19.14	18.25	20.66	18.60	18.08	17.95	17.85	17.75	17.75	
22	17.85	18.38	18.52	18.92	18.25	20.74	18.55	18.08	17.95	17.85	17.75	17.75	
23	17.85	18.34	18.38	18.83	18.20	19.89	18.53	18.08	17.95	17.84	17.75	17.75	
24	17.85	18.29	18.43	18.75	18.20	19.25	18.50	18.08	17.95	17.83	17.75	17.75	
25	17.83	18.24	19.00	18.75	18.20	18.81	18.45	18.05	17.95	17.82	17.75	17.75	
26	17.83	18.20	19.11	18.78	18.20	18.75	18.35	18.05	17.95	17.81	17.75	17.75	
27	17.83	18.18	19.80	18.98	18.48	18.75	18.30	18.05	17.95	17.80	17.75	17.75	
28	17.83	18.33	19.76	18.94	19.21	18.77	18.45	18.05	17.95	17.80	17.75	17.75	
29	17.87	18.40	19.12	18.75	20.11	18.75	18.35	18.04	17.95	17.80	17.75	17.75	
30	18.20	18.30	18.85	18.73	18.92	18.65	18.35	18.02	17.95	17.80	17.75	17.75	
31		18.25		18.65	18.70		18.30		17.95	17.80		17.75	
Mean	17.87	18.63	18.63	19.52	18.48	19.19	19.04	18.11	17.93	17.87	17.78	17.75	
Max	18.20	19.90	19.80	23.00	20.11	21.03	21.25	18.30	18.02	17.90	17.80	17.75	23.00
Min	17.77	18.15	18.10	18.57	18.20	18.45	18.30	18.02	17.85	17.80	17.75	17.75	17.75
Annual Max Momentary Gage Height	23.55		m. (MSL.) ,				at 06.00 Hours, on Jul 7, 2007						
Zero Gage at Bottom Elevation	17.75		m. (MSL.) ,			River Bed	17.75	m. (MSL.)					
Left Bank Elevation		24.92		m. (MSL.) ,									
Right Bank Elevation		24.87		m. (MSL.) ,		Drainage Are	451	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.37	4.80	6.72	11.12	8.60	9.44	37.19	4.80	1.96	1.00	0.30	0.00	
2	0.37	7.48	5.88	9.58	8.60	17.84	29.97	4.20	1.96	1.00	0.30	0.00	
3	0.30	4.80	10.96	14.64	8.32	15.12	10.80	4.20	1.88	1.00	0.30	0.00	
4	0.30	3.60	7.90	12.40	6.60	13.04	9.30	3.72	1.80	1.00	0.30	0.00	
5	0.30	3.10	6.00	68.37	6.60	10.48	9.30	3.60	1.72	1.00	0.30	0.00	
6	0.24	4.20	5.28	84.68	6.00	8.46	10.80	3.40	0.65	1.00	0.30	0.00	
7	0.18	10.80	4.56	94.80	6.00	7.34	11.44	3.20	0.65	1.00	0.30	0.00	
8	0.12	23.51	5.16	36.62	6.00	6.60	26.93	2.80	0.65	1.00	0.30	0.00	
9	0.12	21.80	4.80	21.61	5.04	7.08	16.24	2.60	0.65	1.00	0.30	0.00	
10	0.12	10.16	5.16	18.00	6.00	12.08	18.95	2.60	0.65	1.00	0.30	0.00	
11	0.12	8.18	4.20	12.72	5.40	7.90	46.88	2.60	1.00	1.00	0.30	0.00	
12	2.60	9.16	4.20	11.60	4.80	17.68	57.45	2.60	1.00	1.00	0.30	0.00	
13	2.80	17.36	4.68	9.86	5.40	11.28	33.77	2.60	1.00	1.00	0.30	0.00	
14	1.72	15.28	3.10	8.18	5.40	18.57	25.98	2.60	1.00	0.93	0.30	0.00	
15	1.40	20.47	2.60	12.72	5.40	30.35	25.22	2.60	1.00	0.93	0.30	0.00	
16	1.08	20.85	12.40	20.85	5.40	40.23	22.37	2.60	1.00	0.93	0.24	0.00	
17	0.93	31.30	13.04	36.05	6.00	53.00	15.28	2.60	1.00	0.93	0.18	0.00	
18	0.86	13.84	20.85	82.26	5.40	25.98	12.88	2.44	1.00	0.79	0.18	0.00	
19	0.65	10.16	10.16	59.55	5.40	23.32	10.80	2.44	1.16	0.72	0.12	0.00	
20	0.65	7.62	7.90	21.42	4.80	17.20	9.86	2.44	1.40	0.65	0.00	0.00	
21	0.65	6.60	6.96	17.04	4.20	45.74	8.60	2.44	1.40	0.65	0.00	0.00	
22	0.65	5.76	7.48	13.52	4.20	47.26	7.90	2.44	1.40	0.65	0.00	0.00	
23	0.65	5.28	5.76	12.08	3.60	31.11	7.62	2.44	1.40	0.58	0.00	0.00	
24	0.65	4.68	6.36	10.80	3.60	18.95	7.20	2.44	1.40	0.51	0.00	0.00	
25	0.51	4.08	14.80	10.80	3.60	11.76	6.60	2.20	1.40	0.44	0.00	0.00	
26	0.51	3.60	16.56	11.28	3.60	10.80	5.40	2.20	1.40	0.37	0.00	0.00	
27	0.51	3.40	29.40	14.48	6.96	10.80	4.80	2.20	1.40	0.30	0.00	0.00	
28	0.51	5.16	28.64	13.84	18.19	11.12	6.60	2.20	1.40	0.30	0.00	0.00	
29	0.79	6.00	16.72	10.80	35.29	10.80	5.40	2.12	1.40	0.30	0.00	0.00	
30	3.60	4.80	12.40	10.48	13.52	9.30	5.40	1.96	1.40	0.30	0.00	0.00	
31		4.20		9.30	10.00		4.80		1.40	0.30		0.00	
Total	24.26	302.03	290.63	781.45	227.92	560.63	511.73	83.28	38.53	23.58	5.22	0.00	2849.26 CMSDAY
Mean	0.81	9.74	9.69	25.21	7.35	18.69	16.51	2.78	1.24	0.76	0.18	0.00	7.78 CMS
Max	3.60	31.30	29.40	94.80	35.29	53.00	57.45	4.80	1.96	1.00	0.30	0.00	94.80 CMS
Min	0.12	3.10	2.60	8.18	3.60	6.60	4.80	1.96	0.65	0.30	0.00	0.00	0.00 CMS
Runoff	2.10	26.10	25.11	67.52	19.69	48.44	44.21	7.20	3.33	2.04	0.45	0.00	246.18 MCM
Momentary Peak	107.05	CMS, at 23.55 m. (MSL), at 06.00 Hours, on Jul 7, 2007											
Runoff Yield	17.31	Liters/Second/Square KM. Momentary Peak Yield 237.36 Liters/Second/Square KM.											

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlung Hin Phloeng at Ban Hin Phloeng, Chanthaburi (Z.43)

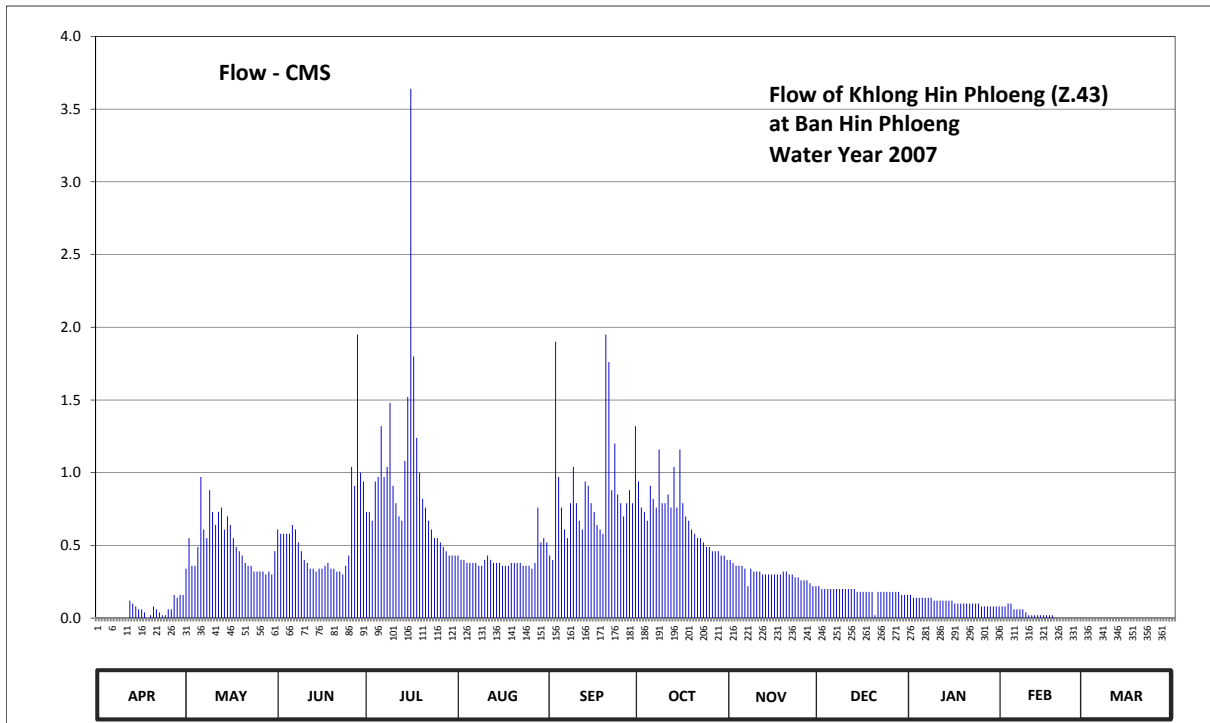
Lat 12 - 57 - 04 N Long 101 - 47 - 59 E

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 good. Stage-discharge relation defined by 16 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	45.14	45.57	45.67	45.71	45.61	45.61	45.78	45.60	45.51	45.48	45.44	45.32	
2	45.13	45.65	45.66	45.71	45.60	45.60	45.72	45.59	45.50	45.47	45.44	45.32	
3	45.12	45.58	45.66	45.69	45.60	46.02	45.71	45.58	45.50	45.47	45.45	45.31	
4	45.11	45.58	45.66	45.78	45.59	45.79	45.69	45.58	45.50	45.47	45.45	45.31	
5	45.10	45.63	45.66	45.79	45.59	45.72	45.77	45.58	45.50	45.47	45.43	45.31	
6	45.09	45.79	45.68	45.88	45.59	45.67	45.74	45.57	45.50	45.47	45.43	45.29	
7	45.09	45.67	45.67	45.79	45.59	45.65	45.72	45.51	45.50	45.47	45.43	45.26	
8	45.15	45.65	45.64	45.81	45.58	45.73	45.84	45.57	45.50	45.47	45.43	45.26	
9	45.25	45.76	45.62	45.92	45.58	45.81	45.73	45.56	45.50	45.46	45.42	45.26	
10	45.24	45.71	45.60	45.77	45.60	45.73	45.73	45.56	45.50	45.46	45.41	45.25	
11	45.33	45.68	45.59	45.73	45.61	45.69	45.75	45.56	45.50	45.46	45.41	45.25	
12	45.46	45.71	45.57	45.70	45.60	45.67	45.72	45.55	45.50	45.46	45.41	45.24	
13	45.45	45.72	45.57	45.69	45.59	45.78	45.81	45.55	45.50	45.46	45.41	45.24	
14	45.44	45.67	45.56	45.82	45.59	45.77	45.72	45.55	45.49	45.46	45.41	45.23	
15	45.43	45.70	45.57	45.93	45.59	45.73	45.84	45.55	45.49	45.46	45.41	45.23	
16	45.43	45.68	45.57	46.32	45.58	45.71	45.73	45.55	45.49	45.45	45.41	45.23	
17	45.42	45.65	45.58	46.00	45.58	45.68	45.70	45.55	45.49	45.45	45.41	45.22	
18	45.40	45.63	45.59	45.86	45.58	45.67	45.69	45.55	45.49	45.45	45.41	45.21	
19	45.41	45.62	45.57	45.80	45.59	45.66	45.67	45.56	45.49	45.45	45.36	45.20	
20	45.44	45.61	45.57	45.74	45.59	46.03	45.66	45.56	45.41	45.45	45.32	45.19	
21	45.43	45.59	45.56	45.72	45.59	45.99	45.65	45.55	45.49	45.45	45.32	45.18	
22	45.42	45.58	45.56	45.69	45.59	45.76	45.65	45.55	45.49	45.45	45.32	45.17	
23	45.41	45.58	45.55	45.67	45.58	45.85	45.64	45.54	45.49	45.45	45.32	45.16	
24	45.41	45.56	45.58	45.65	45.58	45.75	45.63	45.54	45.49	45.45	45.32	45.15	
25	45.43	45.56	45.61	45.65	45.58	45.73	45.63	45.53	45.49	45.44	45.32	45.14	
26	45.43	45.56	45.81	45.64	45.57	45.70	45.62	45.53	45.49	45.44	45.32	45.13	
27	45.48	45.56	45.77	45.63	45.59	45.73	45.62	45.53	45.49	45.44	45.33	45.12	
28	45.47	45.55	46.03	45.62	45.72	45.76	45.62	45.52	45.49	45.44	45.32	45.11	
29	45.48	45.56	45.80	45.61	45.64	45.73	45.61	45.51	45.48	45.44	45.32	45.10	
30	45.48	45.55	45.78	45.61	45.65	45.88	45.61	45.51	45.48	45.44	45.32	45.09	
31		45.62		45.61	45.64		45.60		45.48	45.44		45.09	
Mean	45.34	45.63	45.64	45.76	45.60	45.75	45.70	45.55	45.49	45.46	45.39	45.21	
Max	45.48	45.79	46.03	46.32	45.72	46.03	45.84	45.60	45.51	45.48	45.45	45.32	46.32
Min	45.09	45.55	45.55	45.61	45.57	45.60	45.60	45.51	45.41	45.44	45.32	45.09	45.09
Annual Max Momentary Gage Height	47.54		m. (MSL.) ,				at 18.00 Hours, on Sep 20, 2007						
Zero Gage at Bottom Elevation	45.09		m. (MSL.) ,			River Bed	45.24	m. (MSL.)					
Left Bank Elevation		49.85		m. (MSL.) ,									
Right Bank Elevation		49.83		m. (MSL.) ,		Drainage Are	4	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.34	0.61	0.73	0.43	0.43	0.94	0.40	0.22	0.16	0.08	0.00	
2	0.00	0.55	0.58	0.73	0.40	0.40	0.76	0.38	0.20	0.14	0.08	0.00	
3	0.00	0.36	0.58	0.67	0.40	1.90	0.73	0.36	0.20	0.14	0.10	0.00	
4	0.00	0.36	0.58	0.94	0.38	0.97	0.67	0.36	0.20	0.14	0.10	0.00	
5	0.00	0.49	0.58	0.97	0.38	0.76	0.91	0.36	0.20	0.14	0.06	0.00	
6	0.00	0.97	0.64	1.32	0.38	0.61	0.82	0.34	0.20	0.14	0.06	0.00	
7	0.00	0.61	0.61	0.97	0.38	0.55	0.76	0.22	0.20	0.14	0.06	0.00	
8	0.00	0.55	0.52	1.04	0.36	0.79	1.16	0.34	0.20	0.14	0.06	0.00	
9	0.00	0.88	0.46	1.48	0.36	1.04	0.79	0.32	0.20	0.12	0.04	0.00	
10	0.00	0.73	0.40	0.91	0.40	0.79	0.79	0.32	0.20	0.12	0.02	0.00	
11	0.00	0.64	0.38	0.79	0.43	0.67	0.85	0.32	0.20	0.12	0.02	0.00	
12	0.12	0.73	0.34	0.70	0.40	0.61	0.76	0.30	0.20	0.12	0.02	0.00	
13	0.10	0.76	0.34	0.67	0.38	0.94	1.04	0.30	0.20	0.12	0.02	0.00	
14	0.08	0.61	0.32	1.08	0.38	0.91	0.76	0.30	0.18	0.12	0.02	0.00	
15	0.06	0.70	0.34	1.52	0.38	0.79	1.16	0.30	0.18	0.12	0.02	0.00	
16	0.06	0.64	0.34	3.64	0.36	0.73	0.79	0.30	0.18	0.10	0.02	0.00	
17	0.04	0.55	0.36	1.80	0.36	0.64	0.70	0.30	0.18	0.10	0.02	0.00	
18	0.00	0.49	0.38	1.24	0.36	0.61	0.67	0.30	0.18	0.10	0.02	0.00	
19	0.02	0.46	0.34	1.00	0.38	0.58	0.61	0.32	0.18	0.10	0.00	0.00	
20	0.08	0.43	0.34	0.82	0.38	1.95	0.58	0.32	0.02	0.10	0.00	0.00	
21	0.06	0.38	0.32	0.76	0.38	1.76	0.55	0.30	0.18	0.10	0.00	0.00	
22	0.04	0.36	0.32	0.67	0.38	0.88	0.55	0.30	0.18	0.10	0.00	0.00	
23	0.02	0.36	0.30	0.61	0.36	1.20	0.52	0.28	0.18	0.10	0.00	0.00	
24	0.02	0.32	0.36	0.55	0.36	0.85	0.49	0.28	0.18	0.10	0.00	0.00	
25	0.06	0.32	0.43	0.55	0.36	0.79	0.49	0.26	0.18	0.08	0.00	0.00	
26	0.06	0.32	1.04	0.52	0.34	0.70	0.46	0.26	0.18	0.08	0.00	0.00	
27	0.16	0.32	0.91	0.49	0.38	0.79	0.46	0.26	0.18	0.08	0.00	0.00	
28	0.14	0.30	1.95	0.46	0.76	0.88	0.46	0.24	0.18	0.08	0.00	0.00	
29	0.16	0.32	1.00	0.43	0.52	0.79	0.43	0.22	0.16	0.08	0.00	0.00	
30	0.16	0.30	0.94	0.43	0.55	1.32	0.43	0.22	0.16	0.08	0.00	0.00	
31		0.46		0.43	0.52		0.40		0.16	0.08		0.00	
Total	1.44	15.61	16.61	28.92	12.59	26.63	21.49	9.08	5.64	3.44	0.82	0.00	142.27 CMSDAY
Mean	0.05	0.50	0.55	0.93	0.41	0.89	0.69	0.30	0.18	0.11	0.03	0.00	0.39 CMS
Max	0.16	0.97	1.95	3.64	0.76	1.95	1.16	0.40	0.22	0.16	0.10	0.00	3.64 CMS
Min	0.00	0.30	0.30	0.43	0.34	0.40	0.40	0.22	0.02	0.08	0.00	0.00	0.00 CMS
Runoff	0.12	1.35	1.44	2.50	1.09	2.30	1.86	0.78	0.49	0.30	0.07	0.00	12.29 MCM
Momentary Peak	14.78	CMS, at 47.54 m. (MSL.), at 18.00 Hours, on Sep 20, 2007											
Runoff Yield	97.45	Liters/Second/Square KM. Momentary Peak Yield 3695.00 Liters/Second/Square KM.											

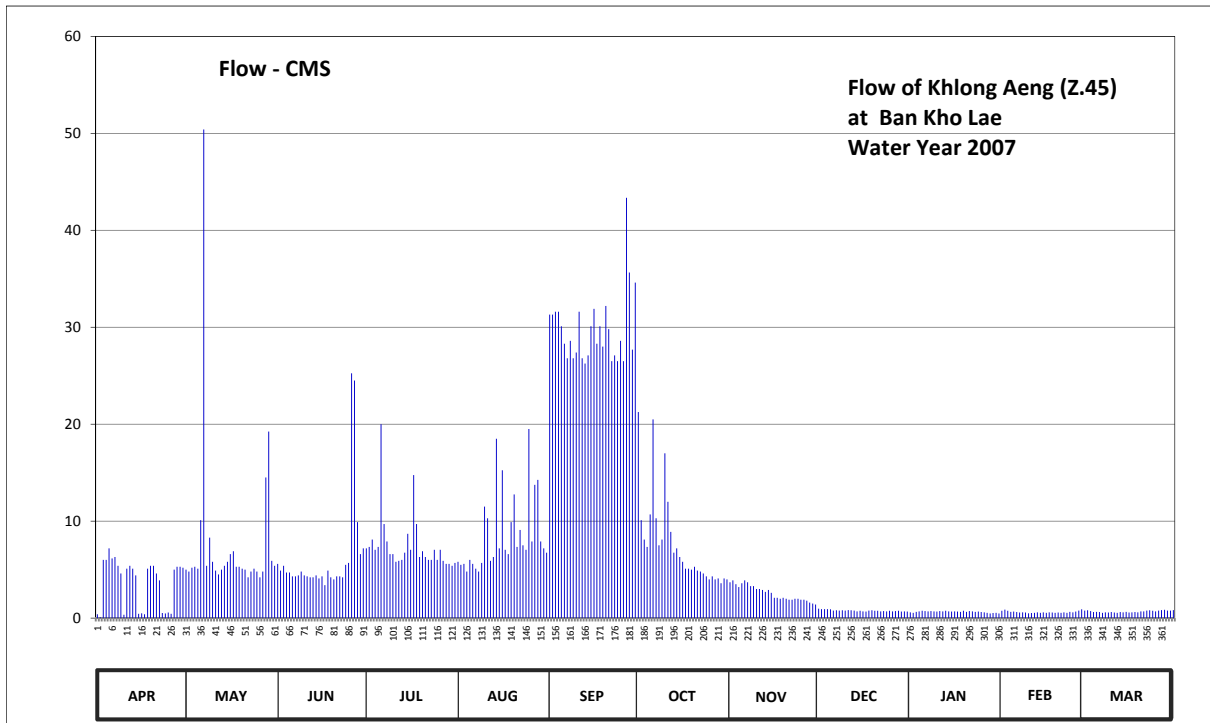
WATER YEAR : 2007
EAST COAST - GULF BASIN
Khlong Aeng at Ban Kho Lae , Trat (Z.45)
 Lat 12 - 36 - 58 N Long 102 - 28 - 42 E

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 32 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	30.96	31.60	31.66	31.78	31.68	32.76	32.39	31.47	31.19	31.04	31.10	31.11	
2	30.84	31.58	31.59	31.79	31.65	32.76	31.93	31.49	31.17	31.02	31.15	31.12	
3	31.70	31.62	31.64	31.83	31.66	32.77	31.83	31.45	31.17	31.06	31.10	31.09	
4	31.70	31.63	31.57	31.77	31.58	32.77	31.79	31.42	31.17	31.08	31.06	31.05	
5	31.78	31.61	31.57	31.79	31.70	32.72	31.96	31.46	31.16	31.10	31.07	31.06	
6	31.71	31.93	31.53	32.34	31.66	32.66	32.36	31.49	31.11	31.09	31.05	31.05	
7	31.72	33.31	31.53	31.91	31.61	32.61	31.94	31.47	31.12	31.08	31.03	31.02	
8	31.64	31.64	31.54	31.82	31.58	32.67	31.80	31.43	31.11	31.09	31.04	31.04	
9	31.56	31.84	31.58	31.74	31.67	32.61	31.83	31.43	31.12	31.08	31.03	31.03	
10	30.94	31.68	31.54	31.74	32.00	32.63	32.22	31.40	31.11	31.07	31.00	31.05	
11	31.61	31.59	31.53	31.68	31.94	32.77	32.02	31.40	31.13	31.09	31.01	31.03	
12	31.64	31.55	31.52	31.69	31.69	32.61	31.87	31.39	31.12	31.08	31.02	31.02	
13	31.61	31.60	31.52	31.70	31.72	32.59	31.75	31.37	31.11	31.10	31.04	31.05	
14	31.54	31.64	31.54	31.75	32.28	32.62	31.78	31.39	31.08	31.08	31.02	31.04	
15	30.98	31.68	31.51	31.86	31.78	32.72	31.72	31.36	31.10	31.07	31.04	31.06	
16	31.00	31.74	31.53	31.77	32.15	32.78	31.68	31.31	31.08	31.08	31.02	31.03	
17	30.96	31.76	31.44	32.13	31.77	32.66	31.61	31.31	31.07	31.07	31.04	31.04	
18	31.61	31.63	31.59	31.91	31.74	32.72	31.61	31.30	31.11	31.06	31.03	31.05	
19	31.64	31.63	31.52	31.72	31.92	32.65	31.60	31.31	31.12	31.10	31.02	31.04	
20	31.64	31.61	31.50	31.76	32.05	32.79	31.63	31.30	31.10	31.06	31.03	31.08	
21	31.56	31.60	31.53	31.72	31.79	32.71	31.59	31.29	31.10	31.09	31.02	31.08	
22	31.49	31.52	31.53	31.70	31.88	32.60	31.58	31.29	31.08	31.08	31.04	31.11	
23	31.01	31.58	31.52	31.70	31.80	32.62	31.56	31.30	31.09	31.06	31.02	31.12	
24	30.99	31.61	31.65	31.77	31.77	32.60	31.53	31.30	31.08	31.07	31.06	31.10	
25	31.03	31.58	31.67	31.70	32.32	32.67	31.50	31.29	31.10	31.05	31.04	31.08	
26	30.98	31.52	32.55	31.77	31.82	32.60	31.53	31.29	31.08	31.04	31.07	31.11	
27	31.60	31.58	32.52	31.69	32.09	33.11	31.50	31.28	31.09	31.02	31.11	31.13	
28	31.63	32.12	31.92	31.66	32.11	32.89	31.51	31.26	31.10	30.99	31.16	31.14	
29	31.63	32.31	31.74	31.66	31.82	32.64	31.46	31.25	31.07	31.01	31.13	31.11	
30	31.62	31.69	31.78	31.64	31.78	32.86	31.51	31.24	31.08	31.02	31.02	31.11	
31		31.64		31.67	31.75		31.50		31.07	30.99		31.13	
Mean	31.41	31.73	31.65	31.78	31.83	32.71	31.74	31.36	31.11	31.06	31.05	31.07	
Max	31.78	33.31	32.55	32.34	32.32	33.11	32.39	31.49	31.19	31.10	31.16	31.14	33.31
Min	30.84	31.52	31.44	31.64	31.58	32.59	31.46	31.24	31.07	30.99	31.00	31.02	30.84
Annual Max Momentary Gage Height	34.45		m. (MSL.) ,				at 18.00 Hours, on May 7, 2007						
Zero Gage at Bottom Elevation	31.25		m. (MSL.) ,			River Bed	30.39	m. (MSL.)					
Left Bank Elevation		35.31		m. (MSL.) ,									
Right Bank Elevation		35.31		m. (MSL.) ,		Drainage Are	58	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	5.00	5.60	7.20	5.80	31.30	21.25	3.70	0.98	0.60	0.75	0.78	
2	0.10	4.80	4.90	7.35	5.50	31.30	10.10	3.90	0.93	0.55	0.88	0.80	
3	6.00	5.20	5.40	8.10	5.60	31.60	8.10	3.50	0.93	0.65	0.75	0.73	
4	6.00	5.30	4.70	7.05	4.80	31.60	7.35	3.20	0.93	0.70	0.65	0.63	
5	7.20	5.10	4.70	7.35	6.00	30.10	10.70	3.60	0.90	0.75	0.68	0.65	
6	6.15	10.10	4.30	20.00	5.60	28.30	20.50	3.90	0.78	0.73	0.63	0.63	
7	6.30	50.40	4.30	9.70	5.10	26.80	10.30	3.70	0.80	0.70	0.58	0.55	
8	5.40	5.40	4.40	7.90	4.80	28.60	7.50	3.30	0.78	0.73	0.60	0.60	
9	4.60	8.30	4.80	6.60	5.70	26.80	8.10	3.30	0.80	0.70	0.58	0.58	
10	0.35	5.80	4.40	6.60	11.50	27.40	17.00	3.00	0.78	0.68	0.50	0.63	
11	5.10	4.90	4.30	5.80	10.30	31.60	12.00	3.00	0.83	0.73	0.53	0.58	
12	5.40	4.50	4.20	5.90	5.90	26.80	8.90	2.90	0.80	0.70	0.55	0.55	
13	5.10	5.00	4.20	6.00	6.30	26.25	6.75	2.70	0.78	0.75	0.60	0.63	
14	4.40	5.40	4.40	6.75	18.50	27.10	7.20	2.90	0.70	0.70	0.55	0.60	
15	0.45	5.80	4.10	8.70	7.20	30.10	6.30	2.60	0.75	0.68	0.60	0.65	
16	0.50	6.60	4.30	7.05	15.25	31.90	5.80	2.10	0.70	0.70	0.55	0.58	
17	0.40	6.90	3.40	14.75	7.05	28.30	5.10	2.10	0.68	0.68	0.60	0.60	
18	5.10	5.30	4.90	9.70	6.60	30.10	5.10	2.00	0.78	0.65	0.58	0.63	
19	5.40	5.30	4.20	6.30	9.90	28.00	5.00	2.10	0.80	0.75	0.55	0.60	
20	5.40	5.10	4.00	6.90	12.75	32.20	5.30	2.00	0.75	0.65	0.58	0.70	
21	4.60	5.00	4.30	6.30	7.35	29.80	4.90	1.90	0.75	0.73	0.55	0.70	
22	3.90	4.20	4.30	6.00	9.10	26.50	4.80	1.90	0.70	0.70	0.60	0.78	
23	0.53	4.80	4.20	6.00	7.50	27.10	4.60	2.00	0.73	0.65	0.55	0.80	
24	0.48	5.10	5.50	7.05	7.05	26.50	4.30	2.00	0.70	0.68	0.65	0.75	
25	0.58	4.80	5.70	6.00	19.50	28.60	4.00	1.90	0.75	0.63	0.60	0.70	
26	0.45	4.20	25.25	7.05	7.90	26.50	4.30	1.90	0.70	0.60	0.68	0.78	
27	5.00	4.80	24.50	5.90	13.75	43.35	4.00	1.80	0.73	0.55	0.78	0.83	
28	5.30	14.50	9.90	5.60	14.25	35.65	4.10	1.60	0.75	0.48	0.90	0.85	
29	5.30	19.25	6.60	5.60	7.90	27.70	3.60	1.50	0.68	0.53	0.83	0.78	
30	5.20	5.90	7.20	5.40	7.20	34.60	4.10	1.40	0.70	0.55		0.78	
31		5.40		5.70	6.75		4.00		0.68	0.48		0.83	
Total	111.09	238.15	186.95	232.30	268.40	892.45	235.05	77.40	24.05	20.36	18.43	21.28	2325.91 CMSDAY
Mean	3.70	7.68	6.23	7.49	8.66	29.75	7.58	2.58	0.78	0.66	0.64	0.69	6.35 CMS
Max	7.20	50.40	25.25	20.00	19.50	43.35	21.25	3.90	0.98	0.75	0.90	0.85	50.40 CMS
Min	0.10	4.20	3.40	5.40	4.80	26.25	3.60	1.40	0.68	0.48	0.50	0.55	0.10 CMS
Runoff	9.60	20.58	16.15	20.07	23.19	77.11	20.31	6.69	2.08	1.76	1.59	1.84	200.96 MCM
Momentary Peak	99.75	CMS, at 34.45 m. (MSL), at 18.00 Hours, on May 7, 2007											
Runoff Yield	109.87	Liters/Second/Square KM.		Momentary Peak Yield		1719.83	Liters/Second/Square KM.						

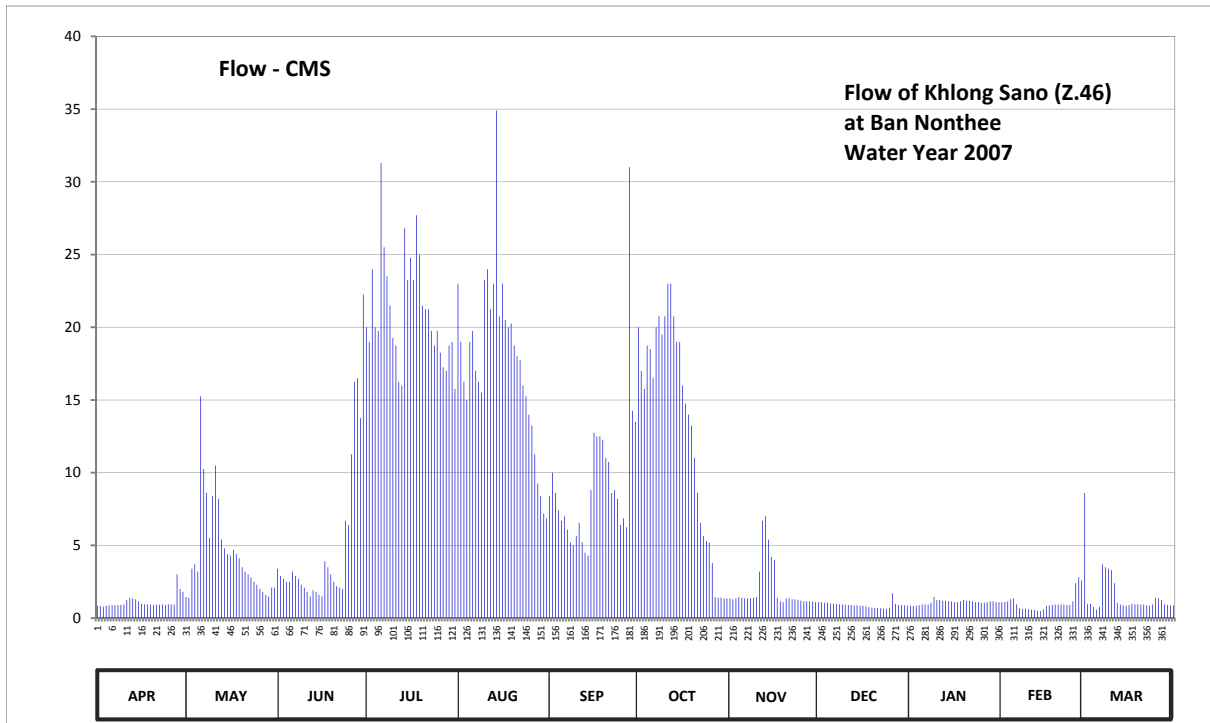
WATER YEAR : 2007
EAST COAST - GULF BASIN
Khlong Sano at Ban Nonthee , Trat (Z.46)
 Lat 12 - 31 - 05 N Long 102 - 35 - 00 E

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 means 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 29 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.74	19.89	20.09	20.94	21.06	20.47	20.94	19.87	19.82	19.74	19.82	20.48	
2	19.73	19.88	20.04	20.90	20.90	20.54	20.82	19.86	19.82	19.73	19.82	19.79	
3	19.71	20.09	20.02	21.10	20.79	20.48	20.77	19.87	19.81	19.74	19.83	19.79	
4	19.74	20.12	20.00	20.94	20.74	20.42	20.89	19.89	19.81	19.75	19.86	19.71	
5	19.75	20.07	20.00	20.93	20.90	20.38	20.88	19.88	19.80	19.77	19.87	19.63	
6	19.75	20.75	20.07	21.36	20.93	20.40	20.80	19.87	19.80	19.78	19.78	19.71	
7	19.76	20.55	20.04	21.16	20.82	20.34	20.94	19.87	19.79	19.77	19.67	20.12	
8	19.76	20.48	20.02	21.08	20.79	20.27	20.97	19.87	19.78	19.81	19.65	20.10	
9	19.76	20.30	19.98	21.00	20.76	20.25	20.92	19.88	19.77	19.89	19.66	20.09	
10	19.77	20.47	19.96	20.91	21.07	20.31	20.97	19.89	19.77	19.85	19.64	20.08	
11	19.85	20.56	19.93	20.89	21.10	20.37	21.06	20.07	19.76	19.85	19.63	19.99	
12	19.88	20.46	19.90	20.79	20.99	20.27	21.06	20.38	19.76	19.84	19.62	19.81	
13	19.87	20.29	19.94	20.78	21.06	20.20	20.97	20.40	19.75	19.84	19.60	19.77	
14	19.86	20.23	19.93	21.21	21.48	20.18	20.90	20.29	19.75	19.83	19.59	19.75	
15	19.83	20.19	19.91	21.07	20.97	20.49	20.90	20.17	19.74	19.83	19.64	19.74	
16	19.79	20.18	19.90	21.13	21.06	20.65	20.78	20.15	19.74	19.82	19.74	19.76	
17	19.78	20.22	20.14	21.07	20.96	20.64	20.73	19.88	19.72	19.82	19.75	19.79	
18	19.78	20.19	20.10	21.24	20.94	20.64	20.70	19.83	19.70	19.83	19.76	19.78	
19	19.77	20.16	20.05	21.14	20.95	20.63	20.67	19.82	19.69	19.85	19.77	19.78	
20	19.76	20.10	20.00	21.00	20.89	20.58	20.58	19.87	19.68	19.84	19.77	19.77	
21	19.77	20.07	19.97	20.99	20.86	20.57	20.48	19.87	19.67	19.84	19.77	19.77	
22	19.77	20.05	19.96	20.99	20.85	20.48	20.37	19.86	19.67	19.83	19.77	19.75	
23	19.77	20.03	19.95	20.93	20.78	20.49	20.31	19.86	19.66	19.82	19.76	19.74	
24	19.76	20.00	20.38	20.89	20.75	20.46	20.28	19.85	19.66	19.82	19.76	19.77	
25	19.78	19.98	20.36	20.93	20.70	20.36	20.27	19.84	19.68	19.81	19.83	19.88	
26	19.78	19.95	20.59	20.87	20.67	20.39	20.13	19.83	19.92	19.81	19.99	19.87	
27	19.77	19.93	20.79	20.83	20.59	20.35	19.89	19.83	19.79	19.82	20.03	19.85	
28	20.05	19.91	20.80	20.82	20.51	21.35	19.88	19.83	19.76	19.83	20.01	19.78	
29	19.95	19.90	20.69	20.89	20.47	20.71	19.88	19.83	19.76	19.83	20.15	19.76	
30	19.93	19.96	21.03	20.90	20.41	20.68	19.87	19.82	19.75	19.82		19.75	
31		19.96		20.77	20.39		19.87		19.74	19.82		19.75	
Mean	19.80	20.16	20.15	20.98	20.84	20.48	20.60	19.93	19.75	19.81	19.78	19.84	
Max	20.05	20.75	21.03	21.36	21.48	21.35	21.06	20.40	19.92	19.89	20.15	20.48	21.48
Min	19.71	19.88	19.90	20.77	20.39	20.18	19.87	19.82	19.66	19.73	19.59	19.63	19.59
Annual Max Momentary Gage Height	22.36		m. (MSL.) ,				at 06.00 Hours, on Sep 28, 2007						
Zero Gage at Bottom Elevation	20.13		m. (MSL.) ,			River Bed	19.23	m. (MSL)					
Left Bank Elevation	28.10		m. (MSL.) ,										
Right Bank Elevation	27.84		m. (MSL.) ,			Drainage Are	92	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.85	1.45	3.40	20.00	23.00	8.40	20.00	1.35	1.10	0.85	1.10	8.60	
2	0.83	1.40	2.90	19.00	19.00	10.00	17.00	1.30	1.10	0.83	1.10	0.98	
3	0.78	3.40	2.70	24.00	16.25	8.60	15.75	1.35	1.05	0.85	1.15	0.98	
4	0.85	3.70	2.50	20.00	15.00	7.40	18.75	1.45	1.05	0.88	1.30	0.78	
5	0.88	3.20	2.50	19.75	19.00	6.70	18.50	1.40	1.00	0.93	1.35	0.58	
6	0.88	15.25	3.20	31.30	19.75	7.00	16.50	1.35	1.00	0.95	0.95	0.78	
7	0.90	10.25	2.90	25.50	17.00	6.10	20.00	1.35	0.98	0.93	0.68	3.70	
8	0.90	8.60	2.70	23.50	16.25	5.20	20.75	1.35	0.95	1.05	0.63	3.50	
9	0.90	5.50	2.30	21.50	15.50	5.00	19.50	1.40	0.93	1.45	0.65	3.40	
10	0.93	8.40	2.10	19.25	23.25	5.65	20.75	1.45	0.93	1.25	0.60	3.30	
11	1.25	10.50	1.80	18.75	24.00	6.55	23.00	3.20	0.90	1.25	0.58	2.40	
12	1.40	8.20	1.50	16.25	21.25	5.20	23.00	6.70	0.90	1.20	0.55	1.05	
13	1.35	5.40	1.90	16.00	23.00	4.50	20.75	7.00	0.88	1.20	0.50	0.93	
14	1.30	4.80	1.80	26.80	34.90	4.30	19.00	5.40	0.88	1.15	0.48	0.88	
15	1.15	4.40	1.60	23.25	20.75	8.80	19.00	4.20	0.85	1.15	0.60	0.85	
16	0.98	4.30	1.50	24.75	23.00	12.75	16.00	4.00	0.85	1.10	0.85	0.90	
17	0.95	4.70	3.90	23.25	20.50	12.50	14.75	1.40	0.80	1.10	0.88	0.98	
18	0.95	4.40	3.50	27.70	20.00	12.50	14.00	1.15	0.75	1.15	0.90	0.95	
19	0.93	4.10	3.00	25.00	20.25	12.25	13.25	1.10	0.73	1.25	0.93	0.95	
20	0.90	3.50	2.50	21.50	18.75	11.00	11.00	1.35	0.70	1.20	0.93	0.93	
21	0.93	3.20	2.20	21.25	18.00	10.75	8.60	1.35	0.68	1.20	0.93	0.93	
22	0.93	3.00	2.10	21.25	17.75	8.60	6.55	1.30	0.68	1.15	0.93	0.88	
23	0.93	2.80	2.00	19.75	16.00	8.80	5.65	1.30	0.65	1.10	0.90	0.85	
24	0.90	2.50	6.70	18.75	15.25	8.20	5.30	1.25	0.65	1.10	0.90	0.93	
25	0.95	2.30	6.40	19.75	14.00	6.40	5.20	1.20	0.70	1.05	1.15	1.40	
26	0.95	2.00	11.25	18.25	13.25	6.85	3.80	1.15	1.70	1.05	2.40	1.35	
27	0.93	1.80	16.25	17.25	11.25	6.25	1.45	1.15	0.98	1.10	2.80	1.25	
28	3.00	1.60	16.50	17.00	9.25	31.00	1.40	1.15	0.90	1.15	2.60	0.95	
29	2.00	1.50	13.75	18.75	8.40	14.25	1.40	1.15	0.90	1.15	4.00	0.90	
30	1.80	2.10	22.25	19.00	7.20	13.50	1.35	1.10	0.88	1.10		0.88	
31		2.10		15.75	6.85		1.35		0.85	1.10		0.88	
Total	33.18	140.35	149.60	653.80	547.60	275.00	403.30	61.35	27.90	33.97	33.32	48.62	2407.99 CMSDAY
Mean	1.11	4.53	4.99	21.09	17.66	9.17	13.01	2.04	0.90	1.10	1.15	1.57	6.58 CMS
Max	3.00	15.25	22.25	31.30	34.90	31.00	23.00	7.00	1.70	1.45	4.00	8.60	34.90 CMS
Min	0.78	1.40	1.50	15.75	6.85	4.30	1.35	1.10	0.65	0.83	0.48	0.58	0.48 CMS
Runoff	2.87	12.13	12.93	56.49	47.31	23.76	34.85	5.30	2.41	2.94	2.88	4.20	208.05 MCM
Momentary Peak		65.10		CMS, at 22.36 m. (MSL), at 06.00 Hours, on Sep 28, 2007									
Runoff Yield		71.71		Liters/Second/Square KM.			Momentary Peak Yield 707.61						Liters/Second/Square KM.

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Chanthi at Ban Khlong Khwang , Trat (Z.47)

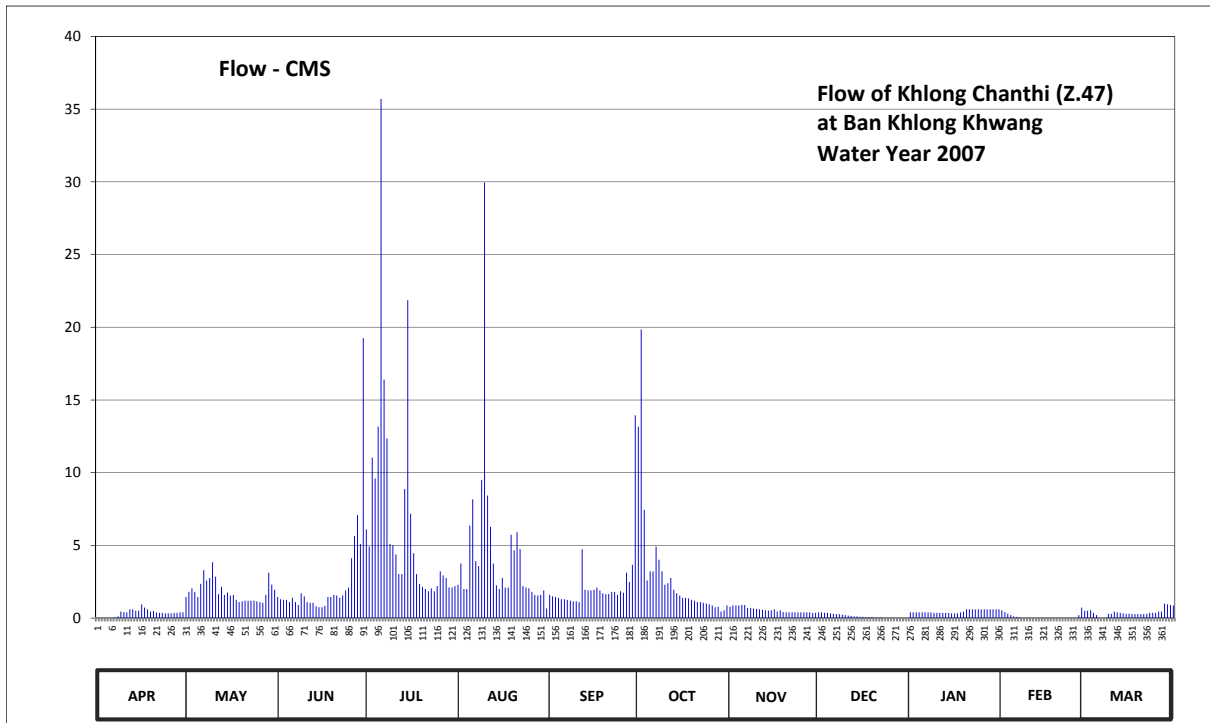
Lat 12 - 20 - 00 N Long 102 - 38 - 37 E

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	+7.846 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	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 28 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.51	9.01	9.01	9.61	9.18	9.04	10.32	8.86	8.73	8.73	8.78	8.77	
2	8.51	9.08	8.98	9.48	9.35	9.02	10.79	8.89	8.73	8.73	8.74	8.77	
3	8.52	9.13	8.97	10.13	9.12	9.01	9.76	8.89	8.72	8.73	8.70	8.78	
4	8.52	9.08	8.97	10.00	9.12	9.00	9.22	8.89	8.72	8.73	8.67	8.72	
5	8.54	9.01	8.94	10.32	9.64	8.98	9.29	8.90	8.71	8.73	8.64	8.67	
6	8.55	9.19	9.00	11.67	9.84	8.98	9.29	8.90	8.70	8.73	8.63	8.58	
7	8.61	9.30	8.94	10.56	9.37	8.97	9.48	8.83	8.69	8.73	8.61	8.50	
8	8.64	9.22	8.90	10.25	9.33	8.96	9.38	8.83	8.69	8.73	8.60	8.58	
9	8.75	9.24	9.06	9.50	9.99	8.95	9.29	8.82	8.68	8.72	8.59	8.70	
10	8.74	9.36	9.02	9.49	11.37	8.95	9.18	8.81	8.67	8.72	8.58	8.70	
11	8.73	9.25	8.94	9.42	9.87	8.94	9.20	8.80	8.66	8.72	8.57	8.75	
12	8.80	9.05	8.93	9.27	9.63	9.46	9.24	8.79	8.65	8.72	8.56	8.73	
13	8.80	9.15	8.93	9.27	9.35	9.11	9.11	8.78	8.64	8.72	8.56	8.72	
14	8.77	9.04	8.87	9.92	9.17	9.10	9.06	8.77	8.64	8.72	8.54	8.71	
15	8.77	9.07	8.85	10.92	9.12	9.10	9.03	8.78	8.63	8.71	8.53	8.70	
16	8.91	9.03	8.85	9.73	9.24	9.11	9.00	8.80	8.63	8.71	8.53	8.70	
17	8.84	9.04	8.88	9.43	9.14	9.14	9.00	8.75	8.62	8.71	8.51	8.69	
18	8.80	8.97	9.01	9.27	9.14	9.10	8.99	8.78	8.62	8.73	8.50	8.69	
19	8.75	8.94	9.01	9.19	9.57	9.06	8.97	8.74	8.62	8.75	8.49	8.69	
20	8.76	8.95	9.04	9.15	9.45	9.05	8.96	8.73	8.61	8.80	8.48	8.69	
21	8.73	8.96	9.03	9.12	9.59	9.05	8.94	8.73	8.61	8.80	8.47	8.69	
22	8.72	8.96	9.00	9.09	9.46	9.08	8.94	8.73	8.61	8.80	8.47	8.70	
23	8.72	8.96	9.03	9.13	9.16	9.08	8.93	8.73	8.60	8.80	8.47	8.72	
24	8.71	8.96	9.10	9.09	9.14	9.04	8.92	8.73	8.60	8.80	8.47	8.72	
25	8.71	8.95	9.14	9.16	9.13	9.09	8.91	8.73	8.60	8.80	8.47	8.72	
26	8.71	8.94	9.39	9.29	9.08	9.07	8.89	8.73	8.60	8.80	8.47	8.75	
27	8.72	8.93	9.56	9.26	9.04	9.28	8.85	8.73	8.60	8.80	8.67	8.75	
28	8.72	9.04	9.72	9.24	9.03	9.21	8.86	8.73	8.59	8.80	8.84	8.92	
29	8.73	9.28	9.50	9.14	9.04	9.34	8.75	8.72	8.59	8.80	8.78	8.91	
30	8.73	9.18	10.75	9.14	9.10	10.38	8.78	8.72	8.59	8.80	8.80	8.90	
31		9.11		9.16	8.82		8.89		8.59	8.80		8.89	
Mean	8.70	9.08	9.11	9.59	9.37	9.12	9.17	8.79	8.64	8.75	8.58	8.73	
Max	8.91	9.36	10.75	11.67	11.37	10.38	10.79	8.90	8.73	8.80	8.84	8.92	11.67
Min	8.51	8.93	8.85	9.09	8.82	8.94	8.75	8.72	8.59	8.71	8.47	8.50	8.47
Annual Max Momentary Gage Height	12.15		m. (MSL.) ,			at 09.00 Hours, on Jul 6, 2007							
Zero Gage at Bottom Elevation		7.85	m. (MSL.) ,			River Bed	8.29	m. (MSL.)					
Left Bank Elevation		12.80	m. (MSL.) ,										
Right Bank Elevation		12.76	m. (MSL.) ,			Drainage Are	27	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.45	1.45	6.09	2.30	1.60	13.16	0.78	0.39	0.39	0.54	0.51	
2	0.00	1.80	1.30	4.92	3.75	1.50	19.85	0.87	0.39	0.39	0.42	0.51	
3	0.00	2.05	1.25	11.03	2.00	1.45	7.44	0.87	0.36	0.39	0.30	0.54	
4	0.00	1.80	1.25	9.60	2.00	1.40	2.58	0.87	0.36	0.39	0.21	0.36	
5	0.00	1.45	1.10	13.16	6.36	1.30	3.21	0.90	0.33	0.39	0.12	0.21	
6	0.00	2.35	1.40	35.70	8.16	1.30	3.21	0.90	0.30	0.39	0.09	0.00	
7	0.03	3.30	1.10	16.40	3.93	1.25	4.92	0.69	0.27	0.39	0.03	0.00	
8	0.12	2.58	0.90	12.35	3.57	1.20	4.02	0.69	0.27	0.39	0.00	0.00	
9	0.45	2.76	1.70	5.10	9.51	1.15	3.21	0.66	0.24	0.36	0.00	0.30	
10	0.42	3.84	1.50	5.01	29.96	1.15	2.30	0.63	0.21	0.36	0.00	0.30	
11	0.39	2.85	1.10	4.38	8.43	1.10	2.40	0.60	0.18	0.36	0.00	0.45	
12	0.60	1.65	1.05	3.03	6.27	4.74	2.76	0.57	0.15	0.36	0.00	0.39	
13	0.60	2.15	1.05	3.03	3.75	1.95	1.95	0.54	0.12	0.36	0.00	0.36	
14	0.51	1.60	0.81	8.88	2.25	1.90	1.70	0.51	0.12	0.36	0.00	0.33	
15	0.51	1.75	0.75	21.86	2.00	1.90	1.55	0.54	0.09	0.33	0.00	0.30	
16	0.95	1.55	0.75	7.17	2.76	1.95	1.40	0.60	0.09	0.33	0.00	0.30	
17	0.72	1.60	0.84	4.47	2.10	2.10	1.40	0.45	0.06	0.33	0.00	0.27	
18	0.60	1.25	1.45	3.03	2.10	1.90	1.35	0.54	0.06	0.39	0.00	0.27	
19	0.45	1.10	1.45	2.35	5.73	1.70	1.25	0.42	0.06	0.45	0.00	0.27	
20	0.48	1.15	1.60	2.15	4.65	1.65	1.20	0.39	0.03	0.60	0.00	0.27	
21	0.39	1.20	1.55	2.00	5.91	1.65	1.10	0.39	0.03	0.60	0.00	0.27	
22	0.36	1.20	1.40	1.85	4.74	1.80	1.10	0.39	0.03	0.60	0.00	0.30	
23	0.36	1.20	1.55	2.05	2.20	1.80	1.05	0.39	0.00	0.60	0.00	0.36	
24	0.33	1.20	1.90	1.85	2.10	1.60	1.00	0.39	0.00	0.60	0.00	0.36	
25	0.33	1.15	2.10	2.20	2.05	1.85	0.95	0.39	0.00	0.60	0.00	0.36	
26	0.33	1.10	4.11	3.21	1.80	1.75	0.87	0.39	0.00	0.60	0.00	0.45	
27	0.36	1.05	5.64	2.94	1.60	3.12	0.75	0.39	0.00	0.60	0.21	0.45	
28	0.36	1.60	7.08	2.76	1.55	2.49	0.78	0.39	0.00	0.60	0.72	1.00	
29	0.39	3.12	5.10	2.10	1.60	3.66	0.45	0.36	0.00	0.60	0.54	0.95	
30	0.39	2.30	19.25	2.10	1.90	13.94	0.54	0.36	0.00	0.60	0.00	0.90	
31		1.95		2.20	0.66		0.87		0.00	0.60		0.87	
Total	10.43	57.10	73.48	204.97	137.69	67.85	90.32	16.86	4.14	14.31	3.18	12.21	692.54 CMSDAY
Mean	0.35	1.84	2.45	6.61	4.44	2.26	2.91	0.56	0.13	0.46	0.11	0.39	1.89 CMS
Max	0.95	3.84	19.25	35.70	29.96	13.94	19.85	0.90	0.39	0.60	0.72	1.00	35.70 CMS
Min	0.00	1.05	0.75	1.85	0.66	1.10	0.45	0.36	0.00	0.33	0.00	0.00	0.00 CMS
Runoff	0.90	4.93	6.35	17.71	11.90	5.86	7.80	1.46	0.36	1.24	0.27	1.05	59.84 MCM
Momentary Peak	46.20	CMS, at 12.15 m. (MSL), at 09.00 Hours, on Jul 6, 2007											
Runoff Yield	70.27	Liters/Second/Square KM. Momentary Peak Yield 1711.11 Liters/Second/Square KM.											

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Pran Bun at Ban Khlong Yai Tai , Chanthaburi (Z.52)

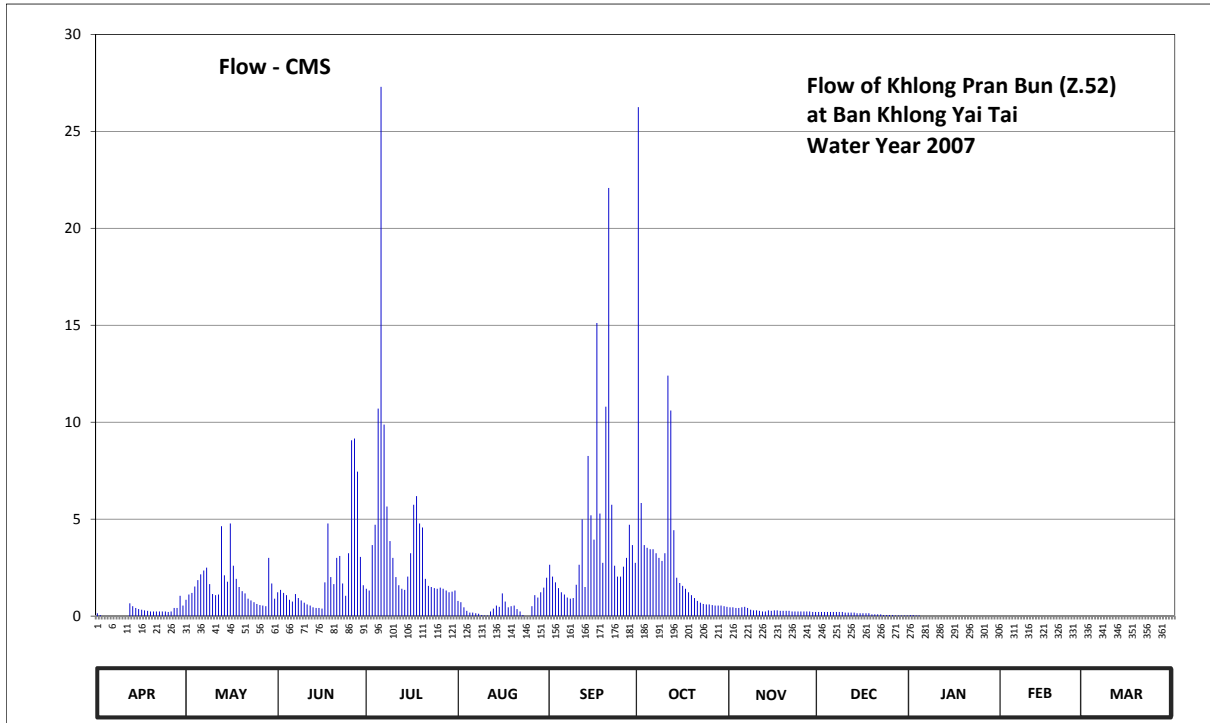
Lat 13 - 05 - 10 N Long 101 - 56 - 25 E

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 good. Stage-discharge relation defined by 18 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	38.45	38.68	38.81	38.87	38.66	39.21	41.41	38.55	38.47	38.42	38.21	37.94	
2	38.42	38.77	38.85	38.84	38.64	39.08	39.67	38.55	38.47	38.42	38.20	37.94	
3	38.40	38.80	38.80	39.38	38.55	38.98	39.38	38.54	38.47	38.41	38.20	37.94	
4	38.39	38.91	38.76	39.53	38.49	38.88	39.36	38.54	38.47	38.41	38.19	37.94	
5	38.37	39.02	38.68	40.21	38.46	38.81	39.35	38.55	38.47	38.40	38.19	37.94	
6	38.35	39.11	38.65	41.48	38.46	38.77	39.35	38.56	38.47	38.39	38.19	37.94	
7	38.34	39.15	38.78	40.12	38.45	38.72	39.32	38.54	38.47	38.38	38.18	37.94	
8	38.33	39.18	38.71	39.65	38.44	38.70	39.28	38.51	38.47	38.34	38.18	37.94	
9	38.32	38.95	38.67	39.41	38.42	38.71	39.25	38.50	38.47	38.32	38.18	37.94	
10	38.33	38.78	38.63	39.28	38.41	38.94	39.32	38.50	38.46	38.30	38.17	37.94	
11	38.37	38.76	38.60	39.07	38.41	39.21	40.38	38.49	38.46	38.28	38.14	37.94	
12	38.62	38.77	38.58	38.93	38.48	39.57	40.20	38.48	38.46	38.27	38.12	37.94	
13	38.57	39.52	38.55	38.87	38.53	38.90	39.49	38.48	38.46	38.26	38.10	37.94	
14	38.54	39.10	38.54	38.85	38.58	39.94	39.06	38.50	38.45	38.26	38.08	37.94	
15	38.52	38.99	38.54	39.08	38.56	39.60	38.97	38.49	38.45	38.26	38.04	37.94	
16	38.51	39.54	38.53	39.32	38.79	39.42	38.92	38.50	38.45	38.25	38.01	37.94	
17	38.50	39.20	38.98	39.66	38.65	40.61	38.87	38.50	38.45	38.25	37.98	37.94	
18	38.49	39.04	39.54	39.71	38.55	39.61	38.81	38.49	38.45	38.24	37.94	37.94	
19	38.48	38.90	39.07	39.54	38.57	39.23	38.76	38.49	38.43	38.24	37.94	37.94	
20	38.48	38.83	38.95	39.51	38.58	40.22	38.71	38.49	38.43	38.24	37.94	37.94	
21	38.48	38.79	39.28	39.04	38.52	41.12	38.66	38.49	38.43	38.23	37.94	37.74	
22	38.48	38.70	39.30	38.92	38.48	39.66	38.63	38.48	38.43	38.23	37.94	37.74	
23	38.48	38.67	38.96	38.90	38.42	39.20	38.61	38.48	38.42	38.23	37.94	37.74	
24	38.48	38.64	38.75	38.88	38.40	39.08	38.60	38.48	38.42	38.23	37.94	37.74	
25	38.47	38.61	39.32	38.87	38.39	39.08	38.60	38.48	38.42	38.22	37.94	37.74	
26	38.48	38.59	40.03	38.89	38.57	39.19	38.59	38.48	38.42	38.22	37.94	37.74	
27	38.54	38.58	40.04	38.87	38.76	39.28	38.58	38.48	38.41	38.22	37.94	37.74	
28	38.54	38.57	39.85	38.84	38.72	39.53	38.58	38.48	38.41	38.22	37.94	37.74	
29	38.75	39.28	39.29	38.81	38.81	39.38	38.58	38.47	38.41	38.22	37.94	37.74	
30	38.58	38.96	38.93	38.82	38.89	39.23	38.57	38.47	38.41	38.21	37.94	37.74	
31		38.70		38.84	39.06		38.56		38.41	38.21		37.74	
Mean	38.47	38.91	38.97	39.26	38.57	39.33	39.11	38.50	38.44	38.28	38.06	37.87	
Max	38.75	39.54	40.04	41.48	39.06	41.12	41.41	38.56	38.47	38.42	38.21	37.94	41.48
Min	38.32	38.57	38.53	38.81	38.39	38.70	38.56	38.47	38.41	38.21	37.94	37.74	37.74
Annual Max Momentary Gage Height	42.25		m. (MSL.) ,			at 06.00 Hours, on Oct 1, 2007							
Zero Gage at Bottom Elevation	37.74		m. (MSL.) ,			River Bed 37.94		m. (MSL.)					
Left Bank Elevation		43.12		m. (MSL.) ,									
Right Bank Elevation		43.16		m. (MSL.) ,		Drainage Are 60		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.15	0.84	1.23	1.41	0.78	2.65	26.25	0.45	0.21	0.06	0.00	0.00	
2	0.06	1.11	1.35	1.32	0.72	2.04	5.83	0.45	0.21	0.06	0.00	0.00	
3	0.00	1.20	1.20	3.66	0.45	1.74	3.66	0.42	0.21	0.03	0.00	0.00	
4	0.00	1.53	1.08	4.71	0.27	1.44	3.52	0.42	0.21	0.03	0.00	0.00	
5	0.00	1.86	0.84	10.70	0.18	1.23	3.45	0.45	0.21	0.00	0.00	0.00	
6	0.00	2.15	0.75	27.30	0.18	1.11	3.45	0.48	0.21	0.00	0.00	0.00	
7	0.00	2.35	1.14	9.88	0.15	0.96	3.24	0.42	0.21	0.00	0.00	0.00	
8	0.00	2.50	0.93	5.65	0.12	0.90	3.00	0.33	0.21	0.00	0.00	0.00	
9	0.00	1.65	0.81	3.87	0.06	0.93	2.85	0.30	0.21	0.00	0.00	0.00	
10	0.00	1.14	0.69	3.00	0.03	1.62	3.24	0.30	0.18	0.00	0.00	0.00	
11	0.00	1.08	0.60	2.01	0.03	2.65	12.40	0.27	0.18	0.00	0.00	0.00	
12	0.66	1.11	0.54	1.59	0.24	4.99	10.60	0.24	0.18	0.00	0.00	0.00	
13	0.51	4.64	0.45	1.41	0.39	1.50	4.43	0.24	0.18	0.00	0.00	0.00	
14	0.42	2.10	0.42	1.35	0.54	8.26	1.98	0.30	0.15	0.00	0.00	0.00	
15	0.36	1.77	0.42	2.04	0.48	5.20	1.71	0.27	0.15	0.00	0.00	0.00	
16	0.33	4.78	0.39	3.24	1.17	3.94	1.56	0.30	0.15	0.00	0.00	0.00	
17	0.30	2.60	1.74	5.74	0.75	15.12	1.41	0.30	0.15	0.00	0.00	0.00	
18	0.27	1.92	4.78	6.19	0.45	5.29	1.23	0.27	0.15	0.00	0.00	0.00	
19	0.24	1.50	2.01	4.78	0.51	2.75	1.08	0.27	0.09	0.00	0.00	0.00	
20	0.24	1.29	1.65	4.57	0.54	10.80	0.93	0.27	0.09	0.00	0.00	0.00	
21	0.24	1.17	3.00	1.92	0.36	22.08	0.78	0.27	0.09	0.00	0.00	0.00	
22	0.24	0.90	3.10	1.56	0.24	5.74	0.69	0.24	0.09	0.00	0.00	0.00	
23	0.24	0.81	1.68	1.50	0.06	2.60	0.63	0.24	0.06	0.00	0.00	0.00	
24	0.24	0.72	1.05	1.44	0.00	2.04	0.60	0.24	0.06	0.00	0.00	0.00	
25	0.21	0.63	3.24	1.41	0.00	2.04	0.60	0.24	0.06	0.00	0.00	0.00	
26	0.24	0.57	9.07	1.47	0.51	2.55	0.57	0.24	0.06	0.00	0.00	0.00	
27	0.42	0.54	9.16	1.41	1.08	3.00	0.54	0.24	0.03	0.00	0.00	0.00	
28	0.42	0.51	7.45	1.32	0.96	4.71	0.54	0.24	0.03	0.00	0.00	0.00	
29	1.05	3.00	3.05	1.23	1.23	3.66	0.54	0.21	0.03	0.00	0.00	0.00	
30	0.54	1.68	1.59	1.26	1.47	2.75	0.51	0.21	0.03	0.00	0.00	0.00	
31		0.90		1.32	1.98		0.48		0.03	0.00		0.00	
Total	7.38	50.55	65.41	120.26	15.93	126.29	102.30	9.12	4.11	0.18	0.00	0.00	501.53 CMSDAY
Mean	0.25	1.63	2.18	3.88	0.51	4.21	3.30	0.30	0.13	0.01	0.00	0.00	1.37 CMS
Max	1.05	4.78	9.16	27.30	1.98	22.08	26.25	0.48	0.21	0.06	0.00	0.00	27.30 CMS
Min	0.00	0.51	0.39	1.23	0.00	0.90	0.48	0.21	0.03	0.00	0.00	0.00	0.00 CMS
Runoff	0.64	4.37	5.65	10.39	1.38	10.91	8.84	0.79	0.36	0.02	0.00	0.00	43.33 MCM
Momentary Peak	41.00	CMS, at 42.25 m. (MSL.), at 06.00 Hours, on Oct 1, 2007											
Runoff Yield	22.90	Liters/Second/Square KM.			Momentary Peak Yield	683.33	Liters/Second/Square KM.						

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlong Thung Ta In at Ban Thung Ta In , Chanthaburi (Z.53)

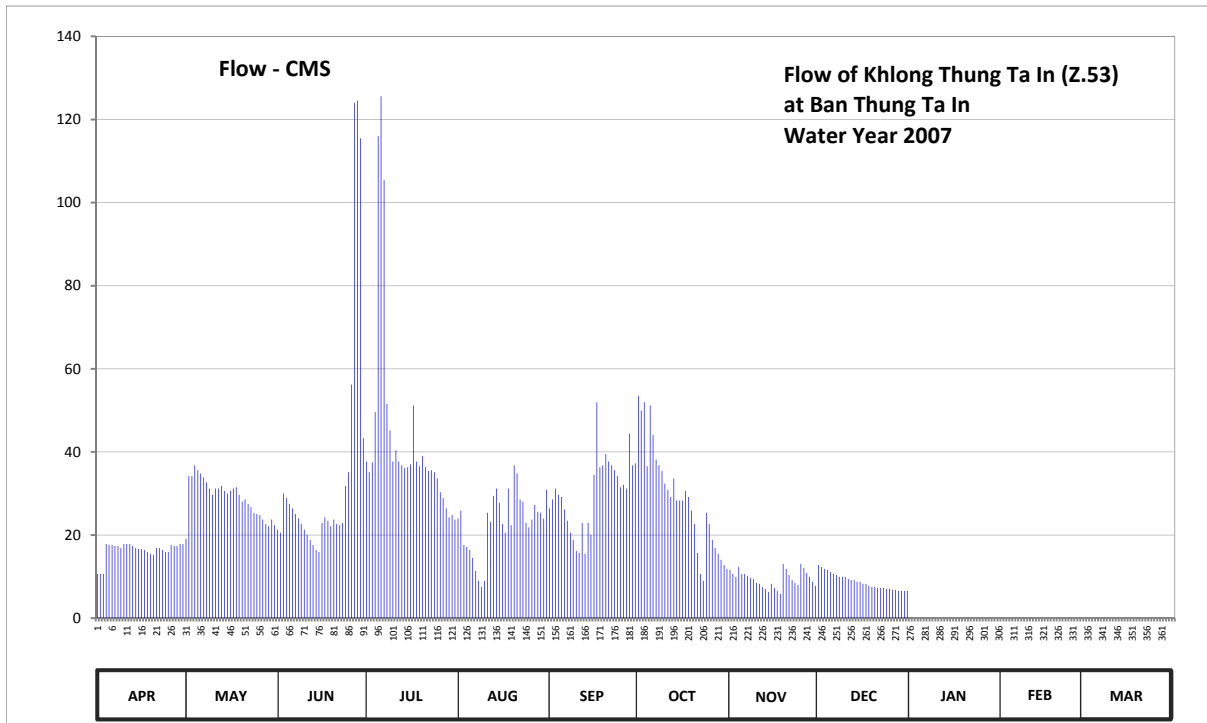
Lat 12 - 50 - 23 N Long 102 - 05 - 04 E

Location : on left bank at the bridge on highway.

	Ban Thung Ta In	Amphoe	Khao Kitchakut	Changwat	Chanthaburi
Drainage Area	-	sq.km.			
Type of Gage	Staff gage				
Zero Gage at Bottom	+14.260	m. (MSL.)			
Bench Mark	B.M.-H.D.				
Location BM	On left bank near the gage site.			Elevation	+21.404 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	2007 to date				
Rating Operation					
Period of Rating	2007 to date				
Rated by Flot	-				
Rated by Current Meter	2007 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 2007.				

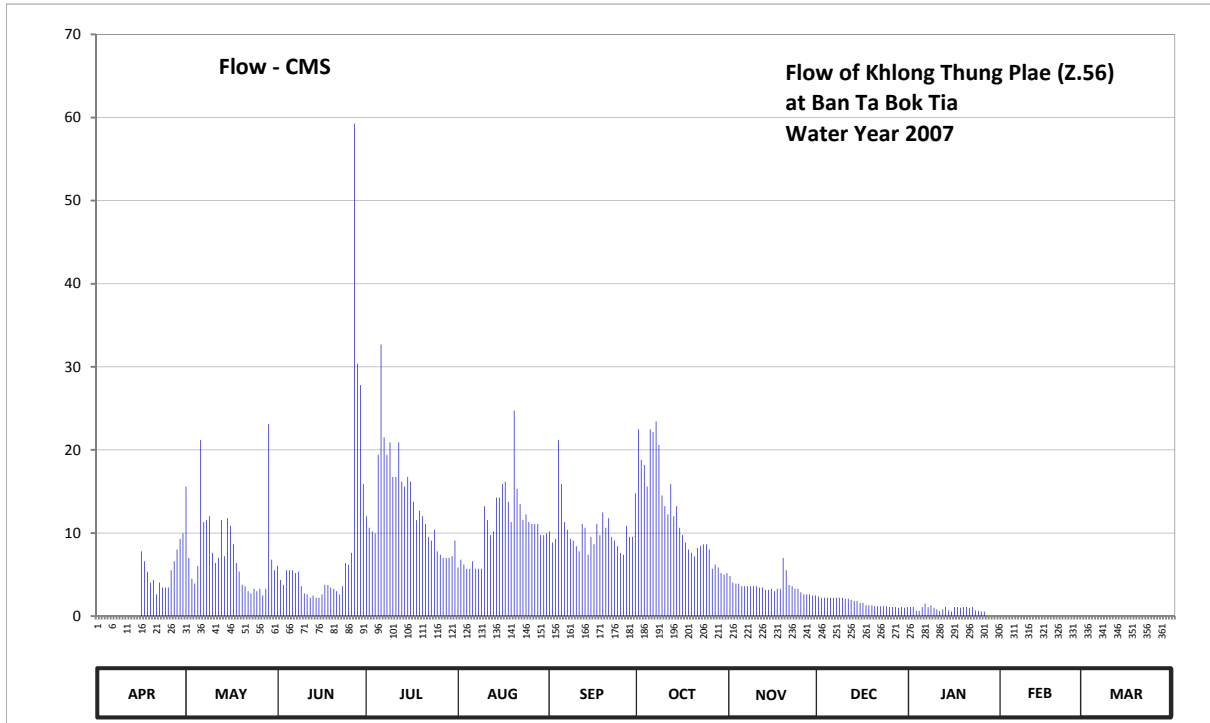
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.26	15.61	15.70	16.30	15.80	15.89	16.70	15.30	15.35	15.51	15.02	15.01	
2	15.26	16.16	15.67	16.19	15.87	15.97	16.61	15.26	15.33	15.51	15.02	15.01	
3	15.26	16.16	16.02	16.29	15.55	16.06	16.66	15.23	15.31	15.51	15.02	15.01	
4	15.56	16.26	15.98	16.60	15.53	16.01	16.25	15.33	15.30	15.76	15.21	15.01	
5	15.55	16.21	15.93	18.05	15.50	15.99	16.64	15.26	15.28	15.76	15.21	15.01	
6	15.55	16.18	15.89	18.23	15.42	15.88	16.45	15.26	15.26	15.76	15.21	15.01	
7	15.54	16.15	15.84	17.84	15.29	15.78	16.31	15.24	15.25	15.75	15.17	15.01	
8	15.54	16.11	15.80	16.65	15.19	15.67	16.26	15.22	15.23	15.75	15.16	15.01	
9	15.52	16.06	15.75	16.48	15.13	15.60	16.20	15.21	15.23	15.75	15.16	15.01	
10	15.56	16.01	15.70	16.30	15.19	15.49	16.10	15.17	15.23	15.74	15.16	15.01	
11	15.56	16.06	15.65	16.36	15.85	15.47	16.05	15.16	15.21	15.65	15.16	15.01	
12	15.56	16.06	15.60	16.30	15.77	15.76	15.99	15.13	15.20	15.65	15.11	14.96	
13	15.54	16.08	15.55	16.26	16.00	15.46	16.14	15.11	15.20	15.65	15.11	14.96	
14	15.52	16.04	15.50	16.23	16.06	15.76	15.96	15.08	15.18	15.64	15.11	14.96	
15	15.51	16.02	15.48	16.24	15.94	15.65	15.96	15.16	15.18	15.62	15.11	14.96	
16	15.51	16.04	15.76	16.27	15.75	16.17	15.96	15.12	15.16	15.62	15.06	14.96	
17	15.50	16.06	15.81	16.64	15.67	16.66	16.04	15.09	15.16	15.63	15.06	14.96	
18	15.48	16.07	15.78	16.30	16.06	16.24	15.99	15.06	15.14	15.57	15.06	14.96	
19	15.46	16.01	15.73	16.25	15.74	16.26	15.87	15.36	15.13	15.58	15.06	14.96	
20	15.45	15.95	15.79	16.33	16.26	16.34	15.75	15.31	15.13	15.55	15.06	14.96	
21	15.52	15.97	15.75	16.24	16.18	16.30	15.47	15.25	15.12	15.54	15.06	14.96	
22	15.52	15.93	15.74	16.20	15.97	16.26	15.26	15.20	15.12	15.53	15.06	14.96	
23	15.50	15.90	15.76	16.21	15.95	16.21	15.19	15.17	15.12	15.51	15.06	14.96	
24	15.48	15.85	16.08	16.19	15.76	16.16	15.85	15.15	15.11	16.15	15.05	14.96	
25	15.48	15.84	16.19	16.14	15.72	16.07	15.75	15.36	15.11	16.15	15.05	15.21	
26	15.55	15.83	16.77	16.03	15.79	16.09	15.60	15.32	15.10	16.15	15.06	15.21	
27	15.54	15.79	18.20	15.98	15.92	16.06	15.52	15.27	15.10	16.15	15.06	15.21	
28	15.54	15.75	18.21	15.89	15.86	16.46	15.46	15.23	15.09	16.15	15.06	15.21	
29	15.56	15.73	18.04	15.81	15.85	16.26	15.40	15.18	15.09	16.15	15.06	15.21	
30	15.56	15.79	16.43	15.83	15.80	16.28	15.35	15.14	15.09	16.15	15.06	15.21	
31		15.74		15.79	16.05		15.31		15.09	16.15		15.21	
Mean	15.50	15.98	16.07	16.40	15.76	16.01	15.94	15.21	15.18	15.77	15.10	15.03	
Max	15.56	16.26	18.21	18.23	16.26	16.66	16.70	15.36	15.35	16.15	15.21	15.21	18.23
Min	15.26	15.61	15.48	15.79	15.13	15.46	15.19	15.06	15.09	15.51	15.02	14.96	14.96
Annual Max Momentary Gage Height	18.41		m. (MSL.) ,				at 18.00 Hours, on Jul 27, 2007						
Zero Gage at Bottom Elevation	14.26		m. (MSL.) ,			River Bed	13.46	m. (MSL)					
Left Bank Elevation		21.61		m. (MSL.) ,									
Right Bank Elevation		21.52		m. (MSL.) ,		Drainage Area		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	10.64	19.05	21.30	37.70	24.00	26.43	53.50	11.60	12.80	0.00	0.00	0.00	
2	10.64	34.20	20.55	35.10	25.89	28.59	49.99	10.64	12.32	0.00	0.00	0.00	
3	10.64	34.20	30.00	37.47	17.60	31.20	51.94	9.92	11.84	0.00	0.00	0.00	
4	17.84	36.78	28.86	49.60	17.12	29.70	36.55	12.32	11.60	0.00	0.00	0.00	
5	17.60	35.63	27.51	116.00	16.40	29.13	51.16	10.64	11.12	0.00	0.00	0.00	
6	17.60	34.80	26.43	125.62	14.48	26.16	44.05	10.64	10.64	0.00	0.00	0.00	
7	17.36	33.90	25.08	105.40	11.36	23.46	38.15	10.16	10.40	0.00	0.00	0.00	
8	17.36	32.70	24.00	51.55	8.96	20.55	36.78	9.68	9.92	0.00	0.00	0.00	
9	16.88	31.20	22.65	45.16	7.52	18.80	35.40	9.44	9.92	0.00	0.00	0.00	
10	17.84	29.70	21.30	37.70	8.96	16.16	32.40	8.48	9.92	0.00	0.00	0.00	
11	17.84	31.20	20.05	40.40	25.35	15.68	30.90	8.24	9.44	0.00	0.00	0.00	
12	17.84	31.20	18.80	37.70	23.19	22.92	29.13	7.52	9.20	0.00	0.00	0.00	
13	17.36	31.80	17.60	36.78	29.40	15.44	33.60	7.04	9.20	0.00	0.00	0.00	
14	16.88	30.60	16.40	36.09	31.20	22.92	28.32	6.32	8.72	0.00	0.00	0.00	
15	16.64	30.00	15.92	36.32	27.78	20.05	28.32	8.24	8.72	0.00	0.00	0.00	
16	16.64	30.60	22.92	37.01	22.65	34.50	28.32	7.28	8.24	0.00	0.00	0.00	
17	16.40	31.20	24.27	51.16	20.55	51.94	30.60	6.56	8.24	0.00	0.00	0.00	
18	15.92	31.50	23.46	37.70	31.20	36.32	29.13	5.84	7.76	0.00	0.00	0.00	
19	15.44	29.70	22.11	36.55	22.38	36.78	25.89	13.04	7.52	0.00	0.00	0.00	
20	15.20	28.05	23.73	39.05	36.78	39.50	22.65	11.84	7.52	0.00	0.00	0.00	
21	16.88	28.59	22.65	36.32	34.80	37.70	15.68	10.40	7.28	0.00	0.00	0.00	
22	16.88	27.51	22.38	35.40	28.59	36.78	10.64	9.20	7.28	0.00	0.00	0.00	
23	16.40	26.70	22.92	35.63	28.05	35.63	8.96	8.48	7.28	0.00	0.00	0.00	
24	15.92	25.35	31.80	35.10	22.92	34.20	25.35	8.00	7.04	0.00	0.00	0.00	
25	15.92	25.08	35.10	33.60	21.84	31.50	22.65	13.04	7.04	0.00	0.00	0.00	
26	17.60	24.81	56.23	30.30	23.73	32.10	18.80	12.08	6.80	0.00	0.00	0.00	
27	17.36	23.73	124.00	28.86	27.24	31.20	16.88	10.88	6.80	0.00	0.00	0.00	
28	17.36	22.65	124.54	26.43	25.62	44.42	15.44	9.92	6.56	0.00	0.00	0.00	
29	17.84	22.11	115.48	24.27	25.35	36.78	14.00	8.72	6.56	0.00	0.00	0.00	
30	17.84	23.73	43.31	24.81	24.00	37.24	12.80	7.76	6.56	0.00	0.00	0.00	
31		22.38		23.73	30.90		11.84		6.56	0.00		0.00	
Total	490.56	900.65	1051.35	1364.51	715.81	903.78	889.82	283.92	270.80	0.00	0.00	0.00	6871.20 CMSDAY
Mean	16.35	29.05	35.04	44.02	23.09	30.13	28.70	9.46	8.74	0.00	0.00	0.00	18.77 CMS
Max	17.84	36.78	124.54	125.62	36.78	51.94	53.50	13.04	12.80	0.00	0.00	0.00	125.62 CMS
Min	10.64	19.05	15.92	23.73	7.52	15.44	8.96	5.84	6.56	0.00	0.00	0.00	0.00 CMS
Runoff	42.38	77.82	90.84	117.89	61.85	78.09	76.88	24.53	23.40	0.00	0.00	0.00	593.67 MCM
Momentary Peak	135.34	CMS, at 18.41 m. (MSL), at 18.00 Hours, on Jul 27, 2007											
Runoff Yield	*****	Liters/Second/Square KM.			Momentary Peak Yield	*****	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	15.59	6.03	12.01	5.86	10.18	22.48	4.84	2.35	1.10	0.00	0.00	
2	0.00	7.00	4.35	10.63	6.80	8.86	18.80	4.05	2.22	1.10	0.00	0.00	
3	0.00	4.50	3.75	10.18	6.20	9.30	18.20	3.90	2.22	0.63	0.00	0.00	
4	0.00	3.90	5.52	9.96	5.69	21.20	15.59	3.90	2.22	0.63	0.00	0.00	
5	0.00	6.03	5.52	19.40	5.69	15.88	22.48	3.60	2.22	1.10	0.00	0.00	
6	0.00	21.20	5.52	32.70	6.60	11.32	22.16	3.60	2.22	1.50	0.00	0.00	
7	0.00	11.32	5.18	21.52	5.69	10.40	23.44	3.60	2.22	1.10	0.00	0.00	
8	0.00	11.55	5.35	19.40	5.69	9.30	20.60	3.60	2.22	1.30	0.00	0.00	
9	0.00	12.01	3.60	20.90	5.69	9.08	14.52	3.60	2.22	1.00	0.00	0.00	
10	0.00	7.60	2.74	16.75	13.22	8.42	13.22	3.60	2.09	0.80	0.00	0.00	
11	0.00	6.40	2.61	16.75	11.55	7.80	12.24	3.45	2.09	0.63	0.00	0.00	
12	0.00	7.00	2.22	20.90	9.74	11.09	15.88	3.45	1.96	0.80	0.00	0.00	
13	0.00	11.55	2.48	16.17	10.18	10.63	12.01	3.15	1.83	1.10	0.00	0.00	
14	0.00	7.20	2.22	15.59	14.26	7.40	13.22	3.15	1.83	0.70	0.00	0.00	
15	0.00	11.78	2.22	16.75	14.26	9.52	10.63	3.30	1.60	0.56	0.00	0.00	
16	7.80	10.86	2.61	16.17	15.88	8.64	9.74	3.00	1.60	1.10	0.00	0.00	
17	6.60	8.64	3.75	13.74	16.17	11.09	8.86	3.30	1.30	1.10	0.00	0.00	
18	5.35	6.40	3.75	11.55	13.74	9.74	8.00	3.30	1.30	1.00	0.00	0.00	
19	4.05	5.35	3.45	12.70	11.32	12.47	7.60	7.00	1.30	1.10	0.00	0.00	
20	4.35	3.75	3.30	12.01	24.74	10.63	7.20	5.52	1.20	1.10	0.00	0.00	
21	2.61	3.60	3.00	11.09	15.30	11.78	8.20	3.75	1.20	1.00	0.00	0.00	
22	4.05	3.00	2.61	9.52	13.48	9.52	8.42	3.60	1.20	1.10	0.00	0.00	
23	3.45	2.74	3.60	9.08	11.55	9.08	8.64	3.30	1.20	0.70	0.00	0.00	
24	3.45	3.30	6.40	10.40	12.24	8.42	8.64	3.30	1.20	0.63	0.00	0.00	
25	3.45	3.00	6.20	7.80	11.32	7.60	8.00	2.87	1.10	0.56	0.00	0.00	
26	5.52	3.30	7.60	7.40	11.09	7.40	5.69	2.61	1.10	0.56	0.00	0.00	
27	6.60	2.48	59.26	7.00	11.09	10.86	6.20	2.61	1.10	0.00	0.00	0.00	
28	8.00	3.30	30.39	7.00	11.09	9.52	5.86	2.61	1.00	0.00	0.00	0.00	
29	9.30	23.12	27.80	7.00	9.74	9.52	5.18	2.48	1.10	0.00	0.00	0.00	
30	9.96	6.80	15.88	7.20	9.74	14.78	5.01	2.48	1.00	0.00	0.00	0.00	
31		5.52		9.08	9.96		5.18		1.10	0.00		0.00	
Total	84.54	239.79	238.91	418.35	335.57	311.43	371.89	106.52	50.51	24.00	0.00	0.00	2181.51 CMSDAY
Mean	2.82	7.74	7.96	13.50	10.82	10.38	12.00	3.55	1.63	0.77	0.00	0.00	5.96 CMS
Max	9.96	23.12	59.26	32.70	24.74	21.20	23.44	7.00	2.35	1.50	0.00	0.00	59.26 CMS
Min	0.00	2.48	2.22	7.00	5.69	7.40	5.01	2.48	1.00	0.00	0.00	0.00	0.00 CMS
Runoff	7.30	20.72	20.64	36.15	28.99	26.91	32.13	9.20	4.36	2.07	0.00	0.00	188.48 MCM
Momentary Peak	99.64 CMS, at 27.64 m. (MSL), at 12.00 Hours, on Jun 27, 2007												
Runoff Yield	***** Liters/Second/Square KM.			Momentary Peak Yield			***** Liters/Second/Square KM.						

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Song Phi Nong , Phetchaburi (B.3A)

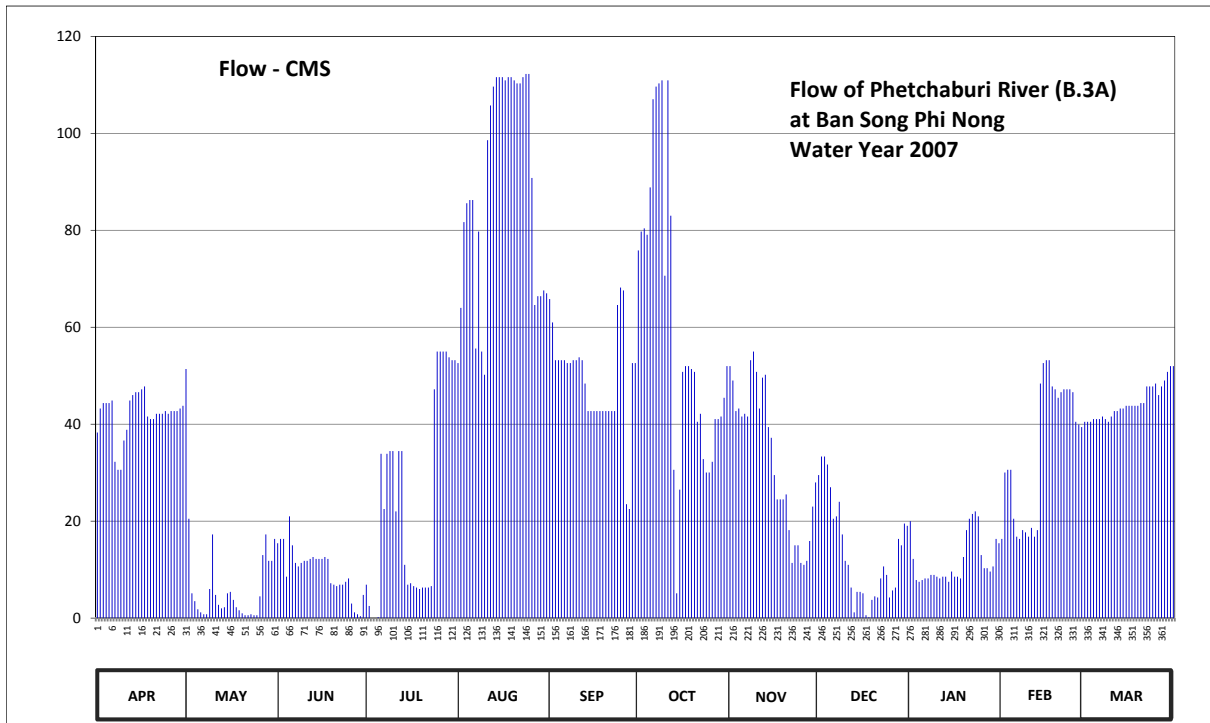
Lat 12 - 51 - 47 N Long 99 - 40 - 42 E

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 58 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	42.36	42.59	41.91	41.68	42.61	42.83	42.99	42.60	42.20	42.01	41.93	42.40	
2	42.45	42.02	41.93	41.52	42.80	42.75	43.05	42.55	42.27	41.83	42.21	42.40	
3	42.47	41.62	41.93	41.40	43.08	42.62	43.06	42.44	42.27	41.71	42.22	42.40	
4	42.47	41.56	41.73	41.36	43.14	42.62	43.04	42.45	42.24	41.70	42.22	42.41	
5	42.47	41.49	42.03	41.41	43.15	42.62	43.19	42.42	42.15	41.71	42.02	42.41	
6	42.48	41.46	41.90	42.28	43.15	42.62	43.47	42.43	42.02	41.72	41.94	42.41	
7	42.25	41.44	41.81	42.06	42.66	42.61	43.51	42.42	42.03	41.72	41.93	42.42	
8	42.22	41.44	41.79	42.28	43.05	42.61	43.52	42.62	42.09	41.74	41.97	42.41	
9	42.22	41.65	41.81	42.29	42.65	42.62	43.53	42.65	41.95	41.74	41.96	42.40	
10	42.33	41.95	41.82	42.29	42.57	42.62	42.91	42.58	41.82	41.73	41.94	42.42	
11	42.37	41.61	41.82	42.05	43.34	42.63	43.53	42.45	41.80	41.72	41.98	42.44	
12	42.48	41.53	41.83	42.29	43.45	42.62	43.10	42.56	41.66	41.73	41.94	42.44	
13	42.50	41.50	41.84	42.29	43.51	42.54	42.22	42.57	41.46	41.73	41.97	42.45	
14	42.51	41.51	41.83	41.80	43.54	42.44	41.62	42.38	41.63	41.70	42.54	42.45	
15	42.51	41.62	41.83	41.68	43.54	42.44	42.14	42.34	41.63	41.76	42.61	42.46	
16	42.52	41.63	41.83	41.69	43.54	42.44	42.58	42.20	41.62	41.73	42.62	42.46	
17	42.53	41.57	41.84	41.67	43.53	42.44	42.60	42.10	41.43	41.73	42.62	42.46	
18	42.42	41.51	41.83	41.66	43.54	42.44	42.60	42.10	41.41	41.72	42.53	42.46	
19	42.41	41.48	41.69	41.65	43.54	42.44	42.59	42.10	41.57	41.84	42.52	42.46	
20	42.41	41.45	41.68	41.66	43.53	42.44	42.58	42.12	41.60	41.97	42.49	42.47	
21	42.43	41.43	41.67	41.66	43.52	42.44	42.40	41.97	41.59	42.02	42.51	42.47	
22	42.43	41.43	41.68	41.66	43.52	42.44	42.43	41.81	41.72	42.04	42.52	42.53	
23	42.43	41.44	41.68	41.67	43.54	42.44	42.26	41.90	41.79	42.05	42.52	42.53	
24	42.44	41.43	41.70	42.52	43.55	42.81	42.21	41.90	41.74	42.03	42.52	42.53	
25	42.43	41.43	41.72	42.65	43.55	42.87	42.21	41.81	41.59	41.85	42.51	42.54	
26	42.44	41.60	41.54	42.65	43.22	42.86	42.25	41.80	41.64	41.78	42.40	42.50	
27	42.44	41.85	41.46	42.65	42.81	42.08	42.41	41.82	41.66	41.78	42.39	42.53	
28	42.44	41.95	41.44	42.65	42.84	42.06	42.41	41.92	41.93	41.76	42.38	42.55	
29	42.45	41.82	41.42	42.63	42.84	42.61	42.42	42.07	41.90	41.79	42.38	42.58	
30	42.46	41.82	41.61	42.62	42.86	42.61	42.49	42.17	42.00	41.93	42.40	42.60	
31		41.93		42.62	42.85		42.60		41.99	41.91		42.60	
Mean	42.43	41.64	41.75	42.03	43.19	42.55	42.71	42.24	41.82	41.81	42.29	42.47	
Max	42.53	42.59	42.03	42.65	43.55	42.87	43.53	42.65	42.27	42.05	42.62	42.60	43.55
Min	42.22	41.43	41.42	41.36	42.57	42.06	41.62	41.80	41.41	41.70	41.93	42.40	41.36
Annual Max Momentary Gage Height	43.55		m. (MSL.) ,				at 10.00 Hours ,						on Aug 13 , 2007
Zero Gage at Bottom Elevation	41.00		m. (MSL.) ,			River Bed	40.65		m. (MSL.)				
Left Bank Elevation		48.36		m. (MSL.) ,									
Right Bank Elevation		48.82		m. (MSL.) ,		Drainage Are	2,220		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	38.30	51.40	15.45	6.90	52.60	65.80	75.85	52.00	29.50	20.00	16.35	40.50	
2	43.25	20.50	16.35	2.50	64.00	61.00	79.75	49.00	33.35	12.20	30.05	40.50	
3	44.35	5.10	16.35	0.00	81.70	53.20	80.40	42.70	33.35	7.85	30.60	40.50	
4	44.35	3.50	8.55	0.00	85.60	53.20	79.10	43.25	31.70	7.50	30.60	41.05	
5	44.35	1.80	21.00	0.20	86.25	53.20	88.85	41.60	27.00	7.85	20.50	41.05	
6	44.90	1.20	15.00	33.90	86.25	53.20	107.05	42.15	20.50	8.20	16.80	41.05	
7	32.25	0.80	11.40	22.50	55.60	52.60	109.65	41.60	21.00	8.20	16.35	41.60	
8	30.60	0.80	10.65	33.90	79.75	52.60	110.30	53.20	24.00	8.90	18.15	41.05	
9	30.60	6.00	11.40	34.45	55.00	53.20	110.95	55.00	17.25	8.90	17.70	40.50	
10	36.65	17.25	11.80	34.45	50.20	53.20	70.65	50.80	11.80	8.55	16.80	41.60	
11	38.85	4.80	11.80	22.00	98.60	53.80	110.95	43.25	11.00	8.20	18.60	42.70	
12	44.90	2.75	12.20	34.45	105.75	53.20	83.00	49.60	6.30	8.55	16.80	42.70	
13	46.00	2.00	12.60	34.45	109.65	48.40	30.60	50.20	1.20	8.55	18.15	43.25	
14	46.60	2.25	12.20	11.00	111.60	42.70	5.10	39.40	5.40	7.50	48.40	43.25	
15	46.60	5.10	12.20	6.90	111.60	42.70	26.50	37.20	5.40	9.60	52.60	43.80	
16	47.20	5.40	12.20	7.20	111.60	42.70	50.80	29.50	5.10	8.55	53.20	43.80	
17	47.80	3.75	12.60	6.60	110.95	42.70	52.00	24.50	0.60	8.55	53.20	43.80	
18	41.60	2.25	12.20	6.30	111.60	42.70	52.00	24.50	0.20	8.20	47.80	43.80	
19	41.05	1.60	7.20	6.00	111.60	42.70	51.40	24.50	3.75	12.60	47.20	43.80	
20	41.05	1.00	6.90	6.30	110.95	42.70	50.80	25.50	4.50	18.15	45.45	44.35	
21	42.15	0.60	6.60	6.30	110.30	42.70	40.50	18.15	4.25	20.50	46.60	44.35	
22	42.15	0.60	6.90	6.30	110.30	42.70	42.15	11.40	8.20	21.50	47.20	47.80	
23	42.15	0.80	6.90	6.60	111.60	42.70	32.80	15.00	10.65	22.00	47.20	47.80	
24	42.70	0.60	7.50	47.20	112.25	64.60	30.05	15.00	8.90	21.00	47.20	47.80	
25	42.15	0.60	8.20	55.00	112.25	68.20	30.05	11.40	4.25	13.00	46.60	48.40	
26	42.70	4.50	3.00	55.00	90.80	67.60	32.25	11.00	5.70	10.30	40.50	46.00	
27	42.70	13.00	1.20	55.00	64.60	23.50	41.05	11.80	6.30	10.30	39.95	47.80	
28	42.70	17.25	0.80	55.00	66.40	22.50	41.05	15.90	16.35	9.60	39.40	49.00	
29	43.25	11.80	0.40	53.80	66.40	52.60	41.60	23.00	15.00	10.65	39.40	50.80	
30	43.80	11.80	4.80	53.20	67.60	52.60	45.45	28.00	19.50	16.35		52.00	
31		16.35		53.20	67.00		52.00		19.05	15.45		52.00	
Total	1257.70	217.15	296.35	756.60	2770.35	1485.20	1854.65	980.10	411.05	367.25	1009.35	1378.40	12784.15 CMSDAY
Mean	41.92	7.00	9.88	24.41	89.37	49.51	59.83	32.67	13.26	11.85	34.81	44.46	34.93 CMS
Max	47.80	51.40	21.00	55.00	112.25	68.20	110.95	55.00	33.35	22.00	53.20	52.00	112.25 CMS
Min	30.60	0.60	0.40	0.00	50.20	22.50	5.10	11.00	0.20	7.50	16.35	40.50	0.00 CMS
Runoff	108.67	18.76	25.60	65.37	239.36	128.32	160.24	84.68	35.51	31.73	87.21	119.09	1104.55 MCM
Momentary Peak		112.25	CMS. at 43.55 m. (MSL.)		at 10.00 Hours		on Aug 13, 2007						
Runoff Yield		15.78	Liters/Second/Square KM.		Momentary Peak Yield	50.56	Liters/Second/Square KM.						

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Huai Mae Prachan at Ban Sa Yai Non, Phetchaburi (B.6)

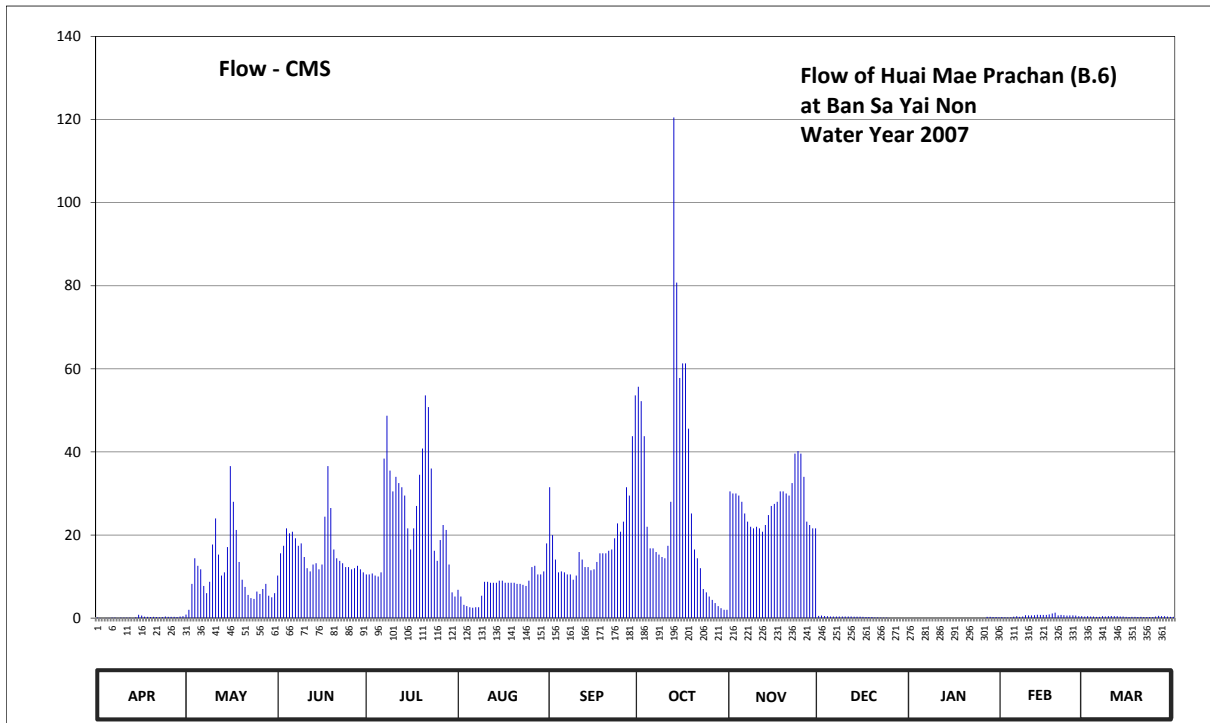
Lat 12 - 56 - 00 N Long 99 - 46 - 59 E

Location : on left bank about 250 meters upstream from the bridge of Khuan Phet-Kaeng Krachan Reservoir Road.

	Ban Sa Yai Non	Amphoe Kaeng Krachan	Changwat Phetchaburi
Drainage Area	1,003 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+22.710 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+30.274 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	1941 - 1942, 1961 to date.		
Rating Operation			
Period of Rating	1961 - 1962, 1964 to date.		
Rated by Flot	-		
Rated by Current Meter	1961 - 1962, 1964 to date.		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 63 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	22.52	22.67	23.23	23.24	23.09	23.81	24.21	23.79	22.61	22.45	22.55	22.58	
2	22.51	22.80	23.42	23.24	23.01	23.55	24.16	23.78	22.62	22.45	22.54	22.59	
3	22.50	23.15	23.48	23.25	22.91	23.37	24.03	23.78	22.60	22.45	22.53	22.58	
4	22.51	23.38	23.59	23.23	22.89	23.26	23.60	23.77	22.59	22.43	22.54	22.58	
5	22.51	23.32	23.56	23.22	22.86	23.27	23.46	23.74	22.58	22.43	22.57	22.56	
6	22.52	23.29	23.57	23.26	22.85	23.26	23.46	23.68	22.58	22.43	22.59	22.56	
7	22.52	23.13	23.53	23.94	22.86	23.24	23.43	23.63	22.58	22.41	22.56	22.59	
8	22.51	23.05	23.48	24.11	22.86	23.24	23.41	23.60	22.58	22.41	22.58	22.58	
9	22.52	23.17	23.50	23.89	23.02	23.19	23.39	23.59	22.58	22.41	22.64	22.59	
10	22.52	23.49	23.39	23.79	23.17	23.23	23.38	23.60	22.58	22.41	22.63	22.60	
11	22.52	23.65	23.30	23.86	23.17	23.43	23.48	23.59	22.58	22.40	22.63	22.59	
12	22.52	23.41	23.27	23.83	23.16	23.37	23.74	23.57	22.58	22.40	22.64	22.59	
13	22.51	23.23	23.33	23.81	23.16	23.31	25.05	23.61	22.57	22.40	22.66	22.58	
14	22.54	23.26	23.34	23.77	23.16	23.31	24.55	23.67	22.57	22.39	22.65	22.58	
15	22.66	23.47	23.29	23.59	23.18	23.28	24.24	23.72	22.57	22.36	22.65	22.56	
16	22.62	23.91	23.33	23.45	23.18	23.29	24.29	23.73	22.56	22.34	22.65	22.55	
17	22.57	23.74	23.66	23.59	23.16	23.35	24.29	23.74	22.55	22.34	22.68	22.56	
18	22.56	23.58	23.91	23.72	23.16	23.42	24.06	23.79	22.55	22.34	22.71	22.56	
19	22.55	23.35	23.71	23.87	23.16	23.42	23.68	23.79	22.55	22.33	22.73	22.55	
20	22.56	23.19	23.45	23.98	23.16	23.42	23.45	23.78	22.53	22.33	22.63	22.56	
21	22.55	23.12	23.38	24.18	23.15	23.44	23.38	23.77	22.53	22.32	22.65	22.55	
22	22.54	23.03	23.36	24.14	23.15	23.45	23.30	23.83	22.52	22.31	22.64	22.55	
23	22.55	22.99	23.34	23.90	23.14	23.53	23.10	23.96	22.52	22.29	22.62	22.55	
24	22.58	22.98	23.31	23.44	23.13	23.62	23.06	23.97	22.52	22.29	22.63	22.55	
25	22.56	23.07	23.31	23.36	23.18	23.57	23.01	23.96	22.51	22.29	22.63	22.58	
26	22.56	23.04	23.29	23.52	23.31	23.63	22.97	23.86	22.48	22.37	22.62	22.61	
27	22.56	23.10	23.30	23.61	23.32	23.81	22.93	23.63	22.47	22.56	22.59	22.59	
28	22.55	23.15	23.32	23.58	23.24	23.77	22.89	23.61	22.46	22.56	22.59	22.59	
29	22.58	23.02	23.29	23.33	23.24	24.03	22.84	23.59	22.46	22.55	22.59	22.58	
30	22.59	23.00	23.26	23.06	23.27	24.18	22.80	23.59	22.46	22.55	22.55	22.56	
31		23.05		23.01	23.50		22.80		22.46	22.54		22.56	
Mean	22.55	23.22	23.42	23.61	23.12	23.47	23.56	23.72	22.55	22.40	22.62	22.57	
Max	22.66	23.91	23.91	24.18	23.50	24.18	25.05	23.97	22.62	22.56	22.73	22.61	25.05
Min	22.50	22.67	23.23	23.01	22.85	23.19	22.80	23.57	22.46	22.29	22.53	22.55	22.29
Annual Max Momentary Gage Height	25.49		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	22.71		m. (MSL.) ,			River Bed	21.70	m. (MSL.)					
Left Bank Elevation		32.31		m. (MSL.) ,									
Right Bank Elevation		32.79		m. (MSL.) ,		Drainage Are	1,003	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.10	0.85	10.25	10.50	6.80	31.50	55.70	30.50	0.55	0.00	0.25	0.40	
2	0.05	2.00	15.60	10.50	5.20	20.00	52.20	30.00	0.60	0.00	0.20	0.45	
3	0.00	8.25	17.40	10.75	3.20	14.10	43.80	30.00	0.50	0.00	0.15	0.40	
4	0.05	14.40	21.60	10.25	2.90	11.00	22.00	29.50	0.45	0.00	0.20	0.40	
5	0.05	12.60	20.40	10.00	2.60	11.25	16.80	28.00	0.40	0.00	0.35	0.30	
6	0.10	11.75	20.80	11.00	2.50	11.00	16.80	25.20	0.40	0.00	0.45	0.30	
7	0.10	7.75	19.20	38.40	2.60	10.50	15.90	23.20	0.40	0.00	0.30	0.45	
8	0.05	6.00	17.40	48.70	2.60	10.50	15.30	22.00	0.40	0.00	0.40	0.40	
9	0.10	8.75	18.00	35.50	5.40	9.25	14.70	21.60	0.40	0.00	0.70	0.45	
10	0.10	17.70	14.70	30.50	8.75	10.25	14.40	22.00	0.40	0.00	0.65	0.50	
11	0.10	24.00	12.00	34.00	8.75	15.90	17.40	21.60	0.40	0.00	0.65	0.45	
12	0.10	15.30	11.25	32.50	8.50	14.10	28.00	20.80	0.40	0.00	0.70	0.45	
13	0.05	10.25	12.90	31.50	8.50	12.30	120.50	22.40	0.35	0.00	0.80	0.40	
14	0.20	11.00	13.20	29.50	8.50	12.30	80.75	24.80	0.35	0.00	0.75	0.40	
15	0.80	17.10	11.75	21.60	9.00	11.50	57.80	27.00	0.35	0.00	0.75	0.30	
16	0.60	36.60	12.90	16.50	9.00	11.75	61.30	27.50	0.30	0.00	0.75	0.25	
17	0.35	28.00	24.40	21.60	8.50	13.50	61.30	28.00	0.25	0.00	0.90	0.30	
18	0.30	21.20	36.60	27.00	8.50	15.60	45.60	30.50	0.25	0.00	1.10	0.30	
19	0.25	13.50	26.50	34.50	8.50	15.60	25.20	30.50	0.25	0.00	1.30	0.25	
20	0.30	9.25	16.50	40.80	8.50	15.60	16.50	30.00	0.15	0.00	0.65	0.30	
21	0.25	7.50	14.40	53.60	8.25	16.20	14.40	29.50	0.15	0.00	0.75	0.25	
22	0.20	5.60	13.80	50.80	8.25	16.50	12.00	32.50	0.10	0.00	0.70	0.25	
23	0.25	4.80	13.20	36.00	8.00	19.20	7.00	39.60	0.10	0.00	0.60	0.25	
24	0.40	4.60	12.30	16.20	7.75	22.80	6.20	40.20	0.10	0.00	0.65	0.25	
25	0.30	6.40	12.30	13.80	9.00	20.80	5.20	39.60	0.05	0.00	0.65	0.40	
26	0.30	5.80	11.75	18.80	12.30	23.20	4.40	34.00	0.00	0.00	0.60	0.55	
27	0.30	7.00	12.00	22.40	12.60	31.50	3.60	23.20	0.00	0.30	0.45	0.45	
28	0.25	8.25	12.60	21.20	10.50	29.50	2.90	22.40	0.00	0.30	0.45	0.45	
29	0.40	5.40	11.75	12.90	10.50	43.80	2.40	21.60	0.00	0.25	0.45	0.40	
30	0.45	5.00	11.00	6.20	11.25	53.60	2.00	21.60	0.00	0.25		0.30	
31		6.00		5.20	18.00		2.00		0.00	0.20		0.30	
Total	6.85	342.60	478.45	762.70	245.20	554.60	844.05	829.30	8.05	1.30	17.30	11.30	4101.70 CMSDAY
Mean	0.23	11.05	15.95	24.60	7.91	18.49	27.23	27.64	0.26	0.04	0.60	0.36	11.21 CMS
Max	0.80	36.60	36.60	53.60	18.00	53.60	120.50	40.20	0.60	0.30	1.30	0.55	120.50 CMS
Min	0.00	0.85	10.25	5.20	2.50	9.25	2.00	20.80	0.00	0.00	0.15	0.25	0.00 CMS
Runoff	0.59	29.60	41.34	65.90	21.19	47.92	72.93	71.65	0.70	0.11	1.49	0.98	354.39 MCM
Momentary Peak	160.10	CMS. at 25.49 m. (MSL.) at 15.00 Hours , on Oct 13, 2007											
Runoff Yield	11.20	Liters/Second/Square KM.		Momentary Peak Yield		159.62	Liters/Second/Square KM.						

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Huai Phak at Ban Prong Khae , Phetchaburi (B.8A)

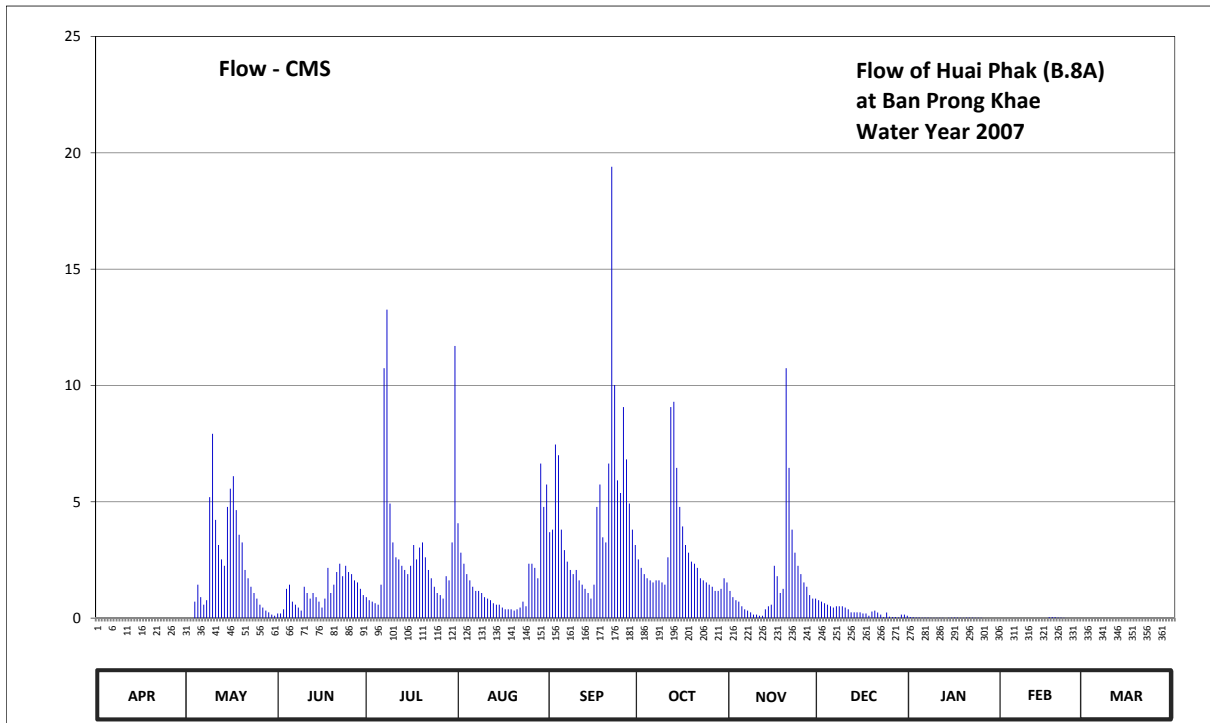
Lat 12 - 48 - 50 N Long 99 - 42 - 16 E

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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 57 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	39.95	39.95	39.99	40.10	40.42	40.39	40.28	40.13	40.08	39.88	39.68	39.68	
2	39.95	39.95	39.99	40.08	40.31	40.40	40.24	40.10	40.07	39.85	39.68	39.68	
3	39.95	39.95	40.02	40.07	40.26	40.62	40.21	40.08	40.06	39.84	39.68	39.68	
4	39.95	40.07	40.14	40.06	40.21	40.60	40.19	40.07	40.05	39.83	39.68	39.68	
5	39.95	40.16	40.16	40.05	40.18	40.40	40.18	40.04	40.04	39.82	39.68	39.68	
6	39.95	40.10	40.07	40.16	40.15	40.32	40.17	40.02	40.03	39.81	39.68	39.68	
7	39.95	40.05	40.05	40.76	40.13	40.27	40.18	40.01	40.04	39.81	39.68	39.78	
8	39.95	40.08	40.03	40.86	40.13	40.23	40.18	40.00	40.04	39.80	39.68	39.78	
9	39.95	40.50	40.01	40.48	40.12	40.21	40.17	39.98	40.04	39.79	39.68	39.76	
10	39.95	40.64	40.15	40.35	40.10	40.23	40.16	39.98	40.03	39.80	39.68	39.73	
11	39.95	40.43	40.12	40.29	40.09	40.18	40.29	39.97	40.02	39.79	39.68	39.70	
12	39.95	40.34	40.09	40.28	40.08	40.16	40.69	39.97	40.00	39.79	39.68	39.68	
13	39.95	40.28	40.12	40.25	40.06	40.14	40.70	40.02	40.00	39.78	39.68	39.68	
14	39.95	40.25	40.10	40.23	40.05	40.12	40.57	40.04	40.00	39.80	39.68	39.68	
15	39.95	40.47	40.07	40.21	40.05	40.09	40.47	40.05	40.00	39.82	39.68	39.68	
16	39.95	40.52	40.03	40.25	40.03	40.16	40.41	40.25	39.99	39.83	39.68	39.68	
17	39.95	40.55	40.09	40.34	40.02	40.47	40.34	40.20	39.99	39.81	39.85	39.68	
18	39.95	40.46	40.24	40.28	40.02	40.53	40.31	40.12	39.97	39.80	39.88	39.68	
19	39.95	40.38	40.12	40.33	40.02	40.37	40.27	40.14	39.95	39.80	39.85	39.68	
20	39.95	40.35	40.16	40.35	40.01	40.35	40.26	40.76	39.96	39.81	39.81	39.68	
21	39.95	40.23	40.22	40.29	40.02	40.58	40.24	40.57	39.94	39.81	39.81	39.68	
22	39.95	40.19	40.26	40.23	40.03	41.08	40.19	40.40	39.92	39.81	39.80	39.68	
23	39.95	40.15	40.20	40.19	40.07	40.73	40.18	40.31	39.86	39.80	39.78	39.68	
24	39.95	40.12	40.25	40.15	40.04	40.54	40.17	40.25	39.94	39.79	39.74	39.68	
25	39.95	40.09	40.22	40.12	40.26	40.51	40.16	40.21	39.90	39.79	39.72	39.68	
26	39.95	40.05	40.21	40.11	40.26	40.69	40.15	40.17	39.88	39.78	39.68	39.68	
27	39.95	40.03	40.18	40.09	40.24	40.59	40.13	40.15	39.87	39.77	39.68	39.68	
28	39.95	40.01	40.17	40.20	40.19	40.48	40.13	40.11	39.84	39.75	39.68	39.68	
29	39.95	40.00	40.14	40.18	40.58	40.40	40.14	40.09	39.92	39.70	39.68	39.68	
30	39.95	39.98	40.11	40.35	40.47	40.34	40.19	40.09	39.92	39.68	39.68	39.68	
31		39.97		40.80	40.53		40.17		39.91	39.68		39.68	
Mean	39.95	40.20	40.12	40.27	40.17	40.41	40.26	40.14	39.98	39.79	39.72	39.69	
Max	39.95	40.64	40.26	40.86	40.58	41.08	40.70	40.76	40.08	39.88	39.88	39.78	41.08
Min	39.95	39.95	39.99	40.05	40.01	40.09	40.13	39.97	39.84	39.68	39.68	39.68	39.68
Annual Max Momentary Gage Height	41.53		m. (MSL.) ,			at 01.00 Hours ,	on Sep 22 , 2007						
Zero Gage at Bottom Elevation	39.18		m. (MSL.) ,			River Bed	39.60	m. (MSL.)					
Left Bank Elevation	44.64		m. (MSL.) ,										
Right Bank Elevation	45.12		m. (MSL.) ,			Drainage Are	301	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.20	0.90	4.08	3.69	2.52	1.17	0.77	0.05	0.00	0.00	
2	0.00	0.00	0.20	0.77	2.81	3.80	2.16	0.90	0.71	0.04	0.00	0.00	
3	0.00	0.00	0.38	0.71	2.34	7.46	1.89	0.77	0.64	0.03	0.00	0.00	
4	0.00	0.71	1.26	0.64	1.89	7.00	1.71	0.71	0.58	0.03	0.00	0.00	
5	0.00	1.44	1.44	0.58	1.62	3.80	1.62	0.51	0.51	0.02	0.00	0.00	
6	0.00	0.90	0.71	1.44	1.35	2.92	1.53	0.38	0.45	0.02	0.00	0.00	
7	0.00	0.58	0.58	10.74	1.17	2.43	1.62	0.32	0.51	0.02	0.00	0.00	
8	0.00	0.77	0.45	13.26	1.17	2.07	1.62	0.25	0.51	0.01	0.00	0.00	
9	0.00	5.20	0.32	4.92	1.08	1.89	1.53	0.15	0.51	0.01	0.00	0.00	
10	0.00	7.92	1.35	3.25	0.90	2.07	1.44	0.15	0.45	0.01	0.00	0.00	
11	0.00	4.22	1.08	2.61	0.84	1.62	2.61	0.10	0.38	0.01	0.00	0.00	
12	0.00	3.14	0.84	2.52	0.77	1.44	9.07	0.10	0.25	0.01	0.00	0.00	
13	0.00	2.52	1.08	2.25	0.64	1.26	9.30	0.38	0.25	0.00	0.00	0.00	
14	0.00	2.25	0.90	2.07	0.58	1.08	6.46	0.51	0.25	0.01	0.00	0.00	
15	0.00	4.78	0.71	1.89	0.58	0.84	4.78	0.58	0.25	0.02	0.00	0.00	
16	0.00	5.56	0.45	2.25	0.45	1.44	3.94	2.25	0.20	0.03	0.00	0.00	
17	0.00	6.10	0.84	3.14	0.38	4.78	3.14	1.80	0.20	0.02	0.04	0.00	
18	0.00	4.64	2.16	2.52	0.38	5.74	2.81	1.08	0.10	0.01	0.05	0.00	
19	0.00	3.58	1.08	3.03	0.38	3.47	2.43	1.26	0.28	0.01	0.04	0.00	
20	0.00	3.25	1.44	3.25	0.32	3.25	2.34	10.74	0.32	0.02	0.02	0.00	
21	0.00	2.07	1.98	2.61	0.38	6.64	2.16	6.46	0.24	0.02	0.02	0.00	
22	0.00	1.71	2.34	2.07	0.45	19.40	1.71	3.80	0.15	0.02	0.01	0.00	
23	0.00	1.35	1.80	1.71	0.71	10.02	1.62	2.81	0.04	0.01	0.00	0.00	
24	0.00	1.08	2.25	1.35	0.51	5.92	1.53	2.25	0.24	0.01	0.00	0.00	
25	0.00	0.84	1.98	1.08	2.34	5.38	1.44	1.89	0.06	0.01	0.00	0.00	
26	0.00	0.58	1.89	0.99	2.34	9.07	1.35	1.53	0.05	0.00	0.00	0.00	
27	0.00	0.45	1.62	0.84	2.16	6.82	1.17	1.35	0.05	0.00	0.00	0.00	
28	0.00	0.32	1.53	1.80	1.71	4.92	1.17	0.99	0.03	0.00	0.00	0.00	
29	0.00	0.25	1.26	1.62	6.64	3.80	1.26	0.84	0.15	0.00	0.00	0.00	
30	0.00	0.15	0.99	3.25	4.78	3.14	1.71	0.84	0.15	0.00	0.00	0.00	
31	0.00	0.10		11.70	5.74		1.53		0.10	0.00		0.00	
Total	0.00	66.46	35.11	91.76	51.49	137.16	81.17	46.87	9.38	0.45	0.18	0.00	520.03 CMSDAY
Mean	0.00	2.14	1.17	2.96	1.66	4.57	2.62	1.56	0.30	0.01	0.01	0.00	1.42 CMS
Max	0.00	7.92	2.34	13.26	6.64	19.40	9.30	10.74	0.77	0.05	0.05	0.00	19.40 CMS
Min	0.00	0.00	0.20	0.58	0.32	0.84	1.17	0.10	0.03	0.00	0.00	0.00	0.00 CMS
Runoff	0.00	5.74	3.03	7.93	4.45	11.85	7.01	4.05	0.81	0.04	0.02	0.00	44.93 MCM
Momentary Peak		36.35	CMS.	at 41.53 m. (MSL.)	at 01.00 Hours	on Sep 22, 2007							
Runoff Yield		4.73	Liters/Second/Square KM.		Momentary Peak Yield	120.76	Liters/Second/Square KM.						

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Sarahed , Phetchaburi (B.9)

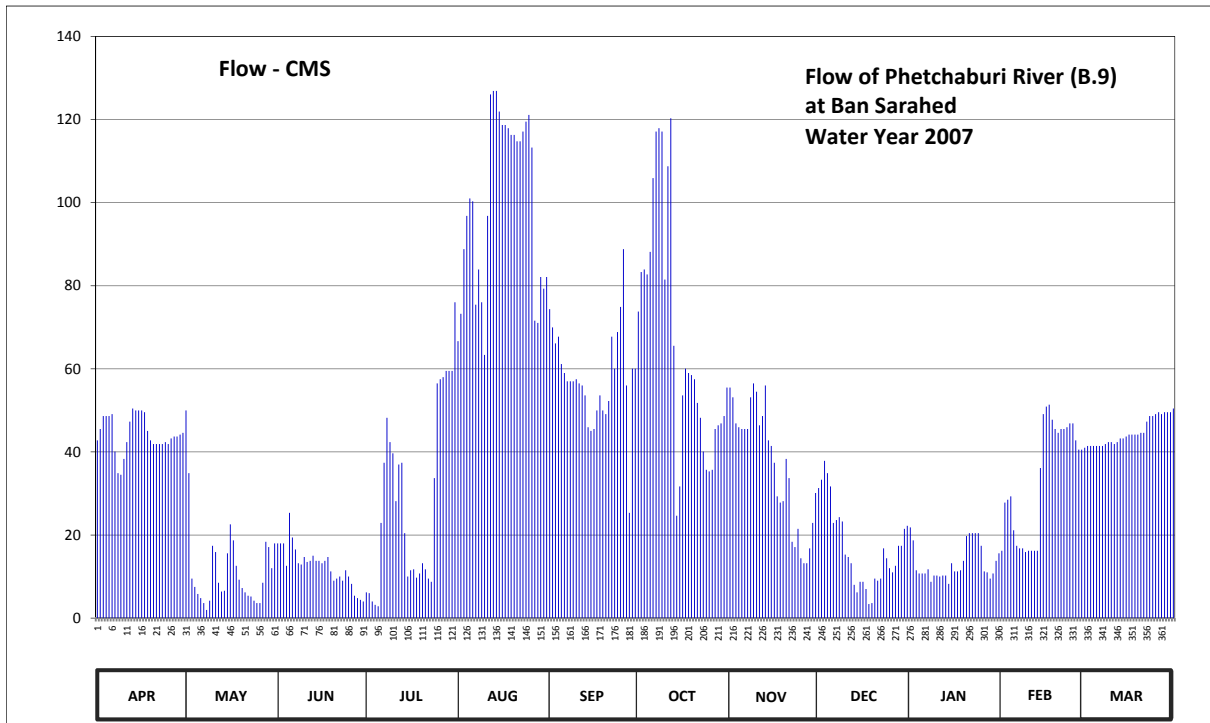
Lat 12 - 48 - 18 N Long 99 - 46 - 27 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 57 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	27.74	27.90	27.10	26.66	28.23	28.37	28.36	28.02	27.47	27.21	27.04	27.70	
2	27.80	27.56	27.10	26.65	28.35	28.29	28.53	27.97	27.52	27.12	27.38	27.71	
3	27.87	26.80	27.10	26.55	28.62	28.22	28.54	27.83	27.63	26.88	27.40	27.71	
4	27.87	26.72	26.92	26.51	28.74	28.25	28.52	27.81	27.56	26.85	27.42	27.71	
5	27.87	26.64	27.31	26.49	28.80	28.13	28.61	27.80	27.48	26.85	27.19	27.71	
6	27.88	26.59	27.14	27.24	28.79	28.09	28.87	27.80	27.24	26.85	27.08	27.71	
7	27.68	26.53	27.05	27.62	28.39	28.05	29.02	27.80	27.26	26.89	27.06	27.71	
8	27.56	26.43	26.94	27.86	28.54	28.05	29.03	27.97	27.28	26.77	27.06	27.72	
9	27.55	26.56	26.93	27.73	28.40	28.05	29.02	28.04	27.25	26.83	27.03	27.73	
10	27.64	27.08	26.99	27.67	28.17	28.06	28.50	28.00	27.01	26.83	27.04	27.73	
11	27.73	27.03	26.95	27.39	28.74	28.04	28.91	27.82	26.99	26.82	27.04	27.72	
12	27.84	26.76	26.96	27.61	29.13	28.03	29.06	27.87	26.94	26.83	27.04	27.73	
13	27.91	26.67	27.00	27.62	29.14	27.98	28.21	28.03	26.74	26.83	27.04	27.75	
14	27.90	26.68	26.96	27.17	29.14	27.81	27.29	27.74	26.66	26.75	27.59	27.75	
15	27.90	27.02	26.96	26.82	29.08	27.79	27.48	27.71	26.77	26.94	27.88	27.76	
16	27.90	27.23	26.94	26.88	29.04	27.80	27.98	27.62	26.77	26.87	27.92	27.77	
17	27.89	27.12	26.96	26.89	29.04	27.90	28.11	27.42	26.70	26.87	27.93	27.77	
18	27.79	26.92	26.99	26.81	29.03	27.98	28.09	27.38	26.52	26.88	27.85	27.77	
19	27.74	26.79	26.87	26.85	29.01	27.90	28.08	27.39	26.53	26.96	27.80	27.77	
20	27.72	26.71	26.78	26.94	29.01	27.88	28.06	27.64	26.80	27.15	27.78	27.78	
21	27.72	26.66	26.80	26.89	28.99	27.95	27.94	27.53	26.78	27.17	27.80	27.78	
22	27.72	26.62	26.82	26.80	28.99	28.25	27.86	27.11	26.80	27.17	27.80	27.84	
23	27.72	26.61	26.78	26.77	29.02	28.11	27.68	27.07	27.06	27.17	27.81	27.87	
24	27.73	26.56	26.88	27.53	29.05	28.27	27.58	27.20	26.98	27.17	27.83	27.87	
25	27.72	26.53	26.82	28.04	29.07	28.38	27.57	26.98	26.90	27.08	27.83	27.88	
26	27.75	26.53	26.75	28.06	28.97	28.62	27.58	26.94	26.86	26.87	27.74	27.89	
27	27.76	26.76	26.62	28.07	28.32	28.03	27.80	26.94	26.92	26.86	27.69	27.88	
28	27.76	27.11	26.59	28.10	28.31	27.31	27.82	27.06	27.08	26.80	27.69	27.89	
29	27.77	27.07	26.57	28.10	28.51	28.11	27.83	27.24	27.08	26.85	27.69	27.89	
30	27.78	26.90	26.55	28.10	28.46	28.11	27.87	27.44	27.20	26.96	27.89	27.89	
31		27.10		28.40	28.51		28.02		27.22	27.02		27.91	
Mean	27.77	26.84	26.90	27.32	28.76	28.06	28.19	27.57	27.03	26.94	27.50	27.78	
Max	27.91	27.90	27.31	28.40	29.14	28.62	29.06	28.04	27.63	27.21	27.93	27.91	29.14
Min	27.55	26.43	26.55	26.49	28.17	27.31	27.29	26.94	26.52	26.75	27.03	27.70	26.43
Annual Max Momentary Gage Height	29.28		m. (MSL.) ,				at 11.00 Hours , on Oct 12 , 2007						
Zero Gage at Bottom Elevation	25.32		m. (MSL.) ,			River Bed	25.82	m. (MSL.)					
Left Bank Elevation	31.80		m. (MSL.) ,										
Right Bank Elevation	32.08		m. (MSL.) ,			Drainage Area	2,617	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	42.80	50.00	18.00	6.20	66.65	74.35	73.80	55.50	31.30	21.85	16.20	41.00	
2	45.50	34.90	18.00	6.00	73.25	69.95	83.30	53.15	33.30	18.70	27.80	41.45	
3	48.65	9.50	18.00	4.00	88.80	66.10	83.90	46.85	37.85	11.50	28.50	41.45	
4	48.65	7.50	12.60	3.20	96.80	67.75	82.70	45.95	34.90	10.75	29.30	41.45	
5	48.65	5.80	25.35	2.85	101.00	61.15	88.15	45.50	31.70	10.75	21.15	41.45	
6	49.10	4.80	19.40	22.90	100.30	59.00	105.90	45.50	22.90	10.75	17.40	41.45	
7	40.10	3.60	16.50	37.40	75.45	57.00	117.10	45.50	23.60	11.75	16.80	41.45	
8	34.90	1.95	13.20	48.20	83.90	57.00	117.90	53.15	24.30	8.75	16.80	41.90	
9	34.50	4.20	12.90	42.35	76.00	57.00	117.10	56.50	23.25	10.25	15.90	42.35	
10	38.30	17.40	14.70	39.65	63.35	57.50	81.50	54.50	15.30	10.25	16.20	42.35	
11	42.35	15.90	13.50	28.15	96.80	56.50	108.75	46.40	14.70	10.00	16.20	41.90	
12	47.30	8.50	13.80	36.95	126.05	56.00	120.30	48.65	13.20	10.25	16.20	42.35	
13	50.45	6.40	15.00	37.40	126.90	53.60	65.55	56.00	8.00	10.25	16.20	43.25	
14	50.00	6.60	13.80	20.45	126.90	45.95	24.65	42.80	6.20	8.25	36.10	43.25	
15	50.00	15.60	13.80	10.00	121.90	45.05	31.70	41.45	8.75	13.20	49.10	43.70	
16	50.00	22.55	13.20	11.50	118.70	45.50	53.60	37.40	8.75	11.25	50.90	44.15	
17	49.55	18.70	13.80	11.75	118.70	50.00	60.05	29.30	7.00	11.25	51.35	44.15	
18	45.05	12.60	14.70	9.75	117.90	53.60	59.00	27.80	3.40	11.50	47.75	44.15	
19	42.80	9.25	11.25	10.75	116.30	50.00	58.50	28.15	3.60	13.80	45.50	44.15	
20	41.90	7.25	9.00	13.20	116.30	49.10	57.50	38.30	9.50	19.75	44.60	44.60	
21	41.90	6.20	9.50	11.75	114.75	52.25	51.80	33.70	9.00	20.45	45.50	44.60	
22	41.90	5.40	10.00	9.50	114.75	67.75	48.20	18.35	9.50	20.45	45.50	47.30	
23	41.90	5.20	9.00	8.75	117.10	60.05	40.10	17.10	16.80	20.45	45.95	48.65	
24	42.35	4.20	11.50	33.70	119.50	68.85	35.70	21.50	14.40	20.45	46.85	48.65	
25	41.90	3.60	10.00	56.50	121.10	74.90	35.30	14.40	12.00	17.40	46.85	49.10	
26	43.25	3.60	8.25	57.50	113.25	88.80	35.70	13.20	11.00	11.25	42.80	49.55	
27	43.70	8.50	5.40	58.00	71.60	56.00	45.50	13.20	12.60	11.00	40.55	49.10	
28	43.70	18.35	4.80	59.50	71.05	25.35	46.40	16.80	17.40	9.50	40.55	49.55	
29	44.15	17.10	4.40	59.50	82.10	60.05	46.85	22.90	17.40	10.75	40.55	49.55	
30	44.60	12.00	4.00	59.50	79.30	60.05	48.65	30.10	21.50	13.80		49.55	
31		18.00		76.00	82.10		55.50		22.20	15.60		50.45	
Total	1329.90	365.15	377.35	892.85	3098.55	1746.15	2080.65	1099.60	525.30	415.90	975.05	1388.00	14294.45 CMSDAY
Mean	44.33	11.78	12.58	28.80	99.95	58.20	67.12	36.65	16.95	13.42	33.62	44.77	39.06 CMS
Max	50.45	50.00	25.35	76.00	126.90	88.80	120.30	56.50	37.85	21.85	51.35	50.45	126.90 CMS
Min	34.50	1.95	4.00	2.85	63.35	25.35	24.65	13.20	3.40	8.25	15.90	41.00	1.95 CMS
Runoff	114.90	31.55	32.60	77.14	267.71	150.87	179.77	95.01	45.39	35.93	84.24	119.92	1235.04 MCM
Momentary Peak		139.20 CMS.		at 29.28 m. (MSL.)			at 11.00 Hours ,						on Oct 12 , 2007
Runoff Yield		14.96		Liters/Second/Square KM.			53.19						Liters/Second/Square KM.

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Phetchaburi River at Ban Tha Yang , Phetchaburi (B.10)

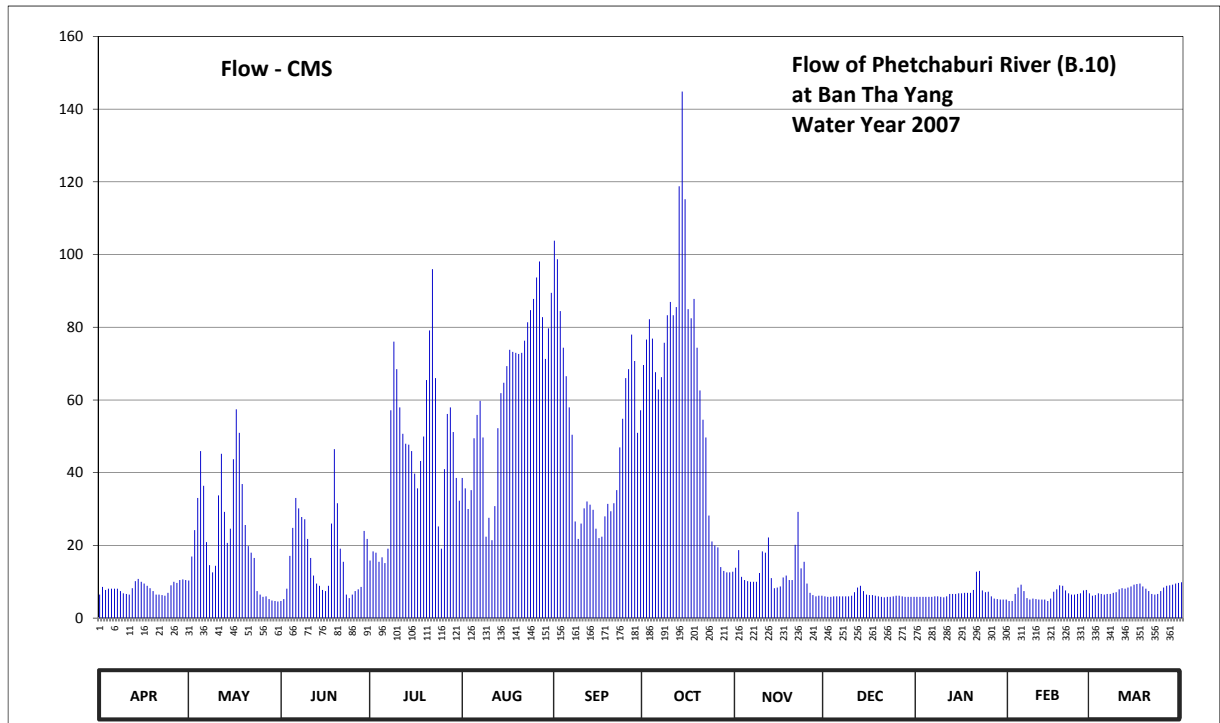
Lat 12 - 58 - 21 N Long 99 - 53 - 07 E

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.		
Type of Gage	Water - stage recorder		
Zero Gage at Bottom	+5.625 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 2 meters from the top staff gage.	Elevation	+15.068 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	1985 to date		
Rated by Flot	-		
Rated by Current Meter	1985 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by Phet Dam. Stage-discharge relation defined by 66 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.93	6.17	5.80	6.48	7.59	10.00	8.80	6.37	5.90	5.89	5.80	5.91	
2	6.06	6.54	5.84	6.62	7.47	9.83	9.05	6.64	5.89	5.89	5.80	5.92	
3	6.01	6.93	6.03	6.60	7.22	9.33	9.25	6.23	5.89	5.89	5.94	5.95	
4	6.03	7.36	6.55	6.46	7.45	8.97	9.06	6.18	5.90	5.89	6.05	5.94	
5	6.03	7.89	6.96	6.53	8.03	8.69	8.73	6.16	5.90	5.89	6.10	5.93	
6	6.03	7.50	7.36	6.44	8.28	8.36	8.55	6.15	5.90	5.89	5.99	5.94	
7	6.03	6.76	7.23	6.66	8.43	8.07	8.68	6.15	5.90	5.90	5.86	5.94	
8	5.99	6.41	7.11	8.33	8.04	7.05	9.02	6.15	5.90	5.90	5.83	5.96	
9	5.95	6.30	7.08	9.03	6.84	6.81	9.29	6.29	5.90	5.89	5.85	5.97	
10	5.94	6.40	6.81	8.76	7.10	7.02	9.42	6.62	5.91	5.88	5.84	6.02	
11	5.93	7.39	6.52	8.36	6.79	7.23	9.29	6.60	5.97	5.90	5.83	6.04	
12	6.04	7.86	6.25	8.08	7.26	7.32	9.37	6.83	6.05	5.94	5.83	6.03	
13	6.16	7.18	6.12	7.97	8.14	7.28	10.50	6.21	6.08	5.94	5.83	6.05	
14	6.20	6.75	6.08	7.96	8.51	7.21	11.32	6.04	5.99	5.94	5.80	6.07	
15	6.15	6.95	6.01	7.89	8.62	6.95	10.38	6.05	5.93	5.95	5.85	6.10	
16	6.12	7.80	5.99	7.64	8.79	6.82	9.35	6.07	5.92	5.95	5.98	6.11	
17	6.08	8.34	6.08	7.47	8.95	6.84	9.26	6.22	5.92	5.96	6.02	6.12	
18	6.04	8.09	7.02	7.78	8.93	7.12	9.45	6.25	5.91	5.96	6.09	6.07	
19	5.99	7.52	7.91	8.05	8.92	7.29	8.97	6.18	5.90	5.96	6.08	6.03	
20	5.93	7.00	7.30	8.65	8.91	7.19	8.54	6.18	5.89	6.01	6.00	5.99	
21	5.93	6.70	6.66	9.14	8.92	7.30	8.23	6.72	5.88	6.31	5.95	5.94	
22	5.92	6.60	6.46	9.74	9.04	7.45	8.04	7.18	5.89	6.32	5.93	5.93	
23	5.91	6.52	5.93	8.67	9.22	7.93	7.13	6.36	5.89	6.00	5.93	5.94	
24	5.96	5.99	5.86	6.98	9.34	8.24	6.77	6.46	5.90	5.97	5.94	5.99	
25	6.09	5.93	5.93	6.66	9.45	8.67	6.71	6.12	5.91	5.98	5.95	6.05	
26	6.15	5.89	5.99	7.69	9.66	8.76	6.68	5.96	5.91	5.90	6.00	6.08	
27	6.13	5.90	6.02	8.29	9.81	9.10	6.38	5.92	5.90	5.85	6.01	6.09	
28	6.18	5.84	6.06	8.36	9.27	8.84	6.32	5.90	5.89	5.84	5.95	6.10	
29	6.19	5.81	6.92	8.10	8.86	8.09	6.30	5.91	5.89	5.83	5.92	6.12	
30	6.18	5.80	6.81	7.59	9.16	8.33	6.30	5.91	5.89	5.83	6.13	6.13	
31		5.79		7.33	9.51		6.31		5.89	5.83	6.14	6.14	
Mean	6.04	6.77	6.49	7.75	8.47	7.94	8.43	6.27	5.92	5.94	5.93	6.02	
Max	6.20	8.34	7.91	9.74	9.81	10.00	11.32	7.18	6.08	6.32	6.10	6.14	11.32
Min	5.91	5.79	5.80	6.44	6.79	6.81	6.30	5.90	5.88	5.83	5.80	5.91	5.79
Annual Max Momentary Gage Height	11.43		m. (MSL.) ,				at 12.00 Hours , on Oct 14 , 2007						
Zero Gage at Bottom Elevation	5.63		m. (MSL.) ,			River Bed	4.98		m. (MSL.)				
Left Bank Elevation	14.60		m. (MSL.) ,										
Right Bank Elevation	14.97		m. (MSL.) ,			Drainage Are	4,076		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.48	10.32	4.70	15.84	38.56	103.80	69.60	13.86	6.00	5.87	4.70	6.16		
2	8.56	16.92	5.22	18.36	35.68	98.70	76.60	18.72	5.87	5.87	4.70	6.32		
3	7.76	24.20	8.08	18.00	30.00	84.44	82.20	11.34	5.87	5.87	6.64	6.80		
4	8.08	33.04	17.10	15.48	35.20	74.36	76.88	10.48	6.00	5.87	8.40	6.64		
5	8.08	45.95	24.80	16.74	49.45	66.54	67.64	10.16	6.00	5.87	9.20	6.48		
6	8.08	36.40	33.04	15.12	55.88	57.96	62.90	10.00	6.00	5.87	7.44	6.64		
7	8.08	20.88	30.20	19.08	59.78	50.45	66.28	10.00	6.00	6.00	5.48	6.64		
8	7.44	14.58	27.80	57.18	49.70	26.60	75.76	10.00	6.00	6.00	5.09	6.96		
9	6.80	12.60	27.20	76.04	22.40	21.80	83.32	12.42	6.00	5.87	5.35	7.12		
10	6.64	14.40	21.80	68.48	27.60	26.00	86.96	18.36	6.16	5.74	5.22	7.92		
11	6.48	33.76	16.56	57.96	21.42	30.20	83.32	18.00	7.12	6.00	5.09	8.24		
12	8.24	45.20	11.70	50.70	30.80	32.08	85.56	22.20	8.40	6.64	5.09	8.08		
13	10.16	29.20	9.52	47.95	52.24	31.20	118.80	10.98	8.88	6.64	5.09	8.40		
14	10.80	20.70	8.88	47.70	61.86	29.80	144.84	8.24	7.44	6.64	4.70	8.72		
15	10.00	24.60	7.76	45.95	64.72	24.60	115.20	8.40	6.48	6.80	5.35	9.20		
16	9.52	43.70	7.44	39.76	69.32	22.00	85.00	8.72	6.32	6.80	7.28	9.36		
17	8.88	57.44	8.88	35.68	73.80	22.40	82.48	11.16	6.32	6.96	7.92	9.52		
18	8.24	50.95	26.00	43.20	73.24	28.00	87.80	11.70	6.16	6.96	9.04	8.72		
19	7.44	36.88	46.45	49.95	72.96	31.40	74.36	10.48	6.00	6.96	8.88	8.08		
20	6.48	25.60	31.60	65.50	72.68	29.40	62.64	10.48	5.87	7.76	7.60	7.44		
21	6.48	19.80	19.08	79.12	72.96	31.60	54.58	20.16	5.74	12.78	6.80	6.64		
22	6.32	18.00	15.48	96.00	76.32	35.20	49.70	29.20	5.87	12.96	6.48	6.48		
23	6.16	16.56	6.48	66.02	81.36	46.95	28.20	13.68	5.87	7.60	6.48	6.64		
24	6.96	7.44	5.48	25.20	84.72	54.84	21.06	15.48	6.00	7.12	6.64	7.44		
25	9.04	6.48	6.48	19.08	87.80	66.02	19.98	9.52	6.16	7.28	6.80	8.40		
26	10.00	5.87	7.44	40.96	93.68	68.48	19.44	6.96	6.16	6.00	7.60	8.88		
27	9.68	6.00	7.92	56.14	98.10	78.00	14.04	6.32	6.00	5.35	7.76	9.04		
28	10.48	5.22	8.56	57.96	82.76	70.72	12.96	6.00	5.87	5.22	6.80	9.20		
29	10.64	4.83	24.00	51.20	71.28	50.95	12.60	6.16	5.87	5.09	6.32	9.52		
30	10.48	4.70	21.80	38.56	79.68	57.18	12.60	6.16	5.87	5.09	9.68	9.68		
31		4.58		32.32	89.48		12.78		5.87	5.09	9.84	9.84		
Total	248.48	696.80	497.45	1367.23	1915.43	1451.67	1946.08	365.34	194.17	206.57	189.94	245.20	9324.36	CMSDAY
Mean	8.28	22.48	16.58	44.10	61.79	48.39	62.78	12.18	6.26	6.66	6.55	7.91	25.48	CMS
Max	10.80	57.44	46.45	96.00	98.10	103.80	144.84	29.20	8.88	12.96	9.20	9.84	144.84	CMS
Min	6.16	4.58	4.70	15.12	21.42	21.80	12.60	6.00	5.74	5.09	4.70	6.16	4.58	CMS
Runoff	21.47	60.20	42.98	118.13	165.49	125.42	168.14	31.57	16.78	17.85	16.41	21.19	805.62	MCM
Momentary Peak	148.48	CMS.	at 11.43 m. (MSL.)	at 12.00 Hours	on Oct 14, 2007									
Runoff Yield	6.27	Liters/Second/Square KM.			Momentary Peak Yield	36.43	Liters/Second/Square KM.							

WATER YEAR : 2007

PHETCHABURI RIVER BASIN

Huai Mae Prachan at Ban Cha Prong, Phetchaburi (B.11)

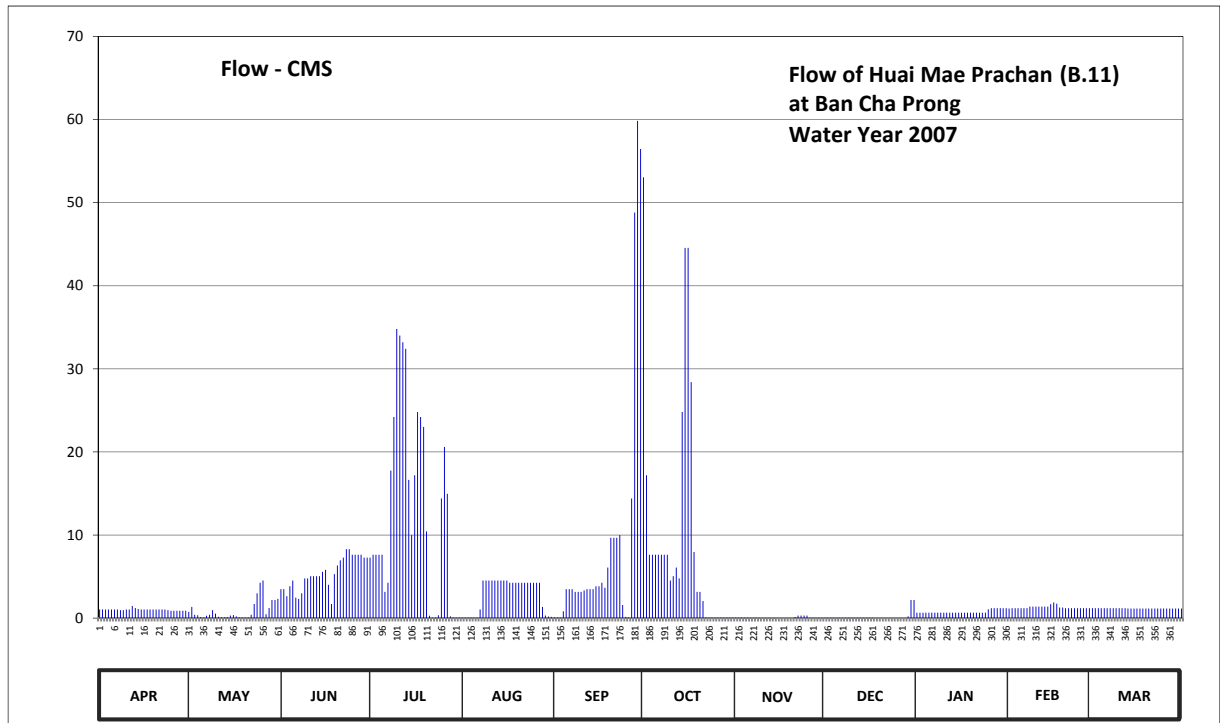
Lat 13 - 10 - 23 N Long 99 - 41 - 00 E

Location : on right bank at the bridge of Ban Cha Prong.

	Ban	Cha Prong	Amphoe	Nong Ya Plong	Changwat	Phetchaburi
Drainage Area	461	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+72.272 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On right bank about 45 meters from the top staff gage.				Elevation	+78.722 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	Unstable.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records fair. Stage-discharge relation defined by 60 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	71.99	71.95	72.17	72.32	71.76	71.79	73.03	71.75	71.73	72.09	72.19	72.20	
2	71.99	72.02	72.17	72.33	71.76	71.78	72.55	71.75	71.73	72.09	72.20	72.20	
3	71.99	71.90	72.12	72.33	71.76	71.77	72.33	71.75	71.73	72.09	72.20	72.20	
4	71.99	71.88	72.19	72.33	71.76	71.96	72.33	71.75	71.73	72.09	72.20	72.20	
5	71.99	71.81	72.22	72.33	71.76	72.17	72.33	71.75	71.73	72.09	72.20	72.20	
6	71.99	71.78	72.11	72.15	71.76	72.17	72.33	71.74	71.73	72.09	72.20	72.20	
7	71.99	71.86	72.10	72.21	71.99	72.17	72.33	71.73	71.73	72.09	72.20	72.20	
8	71.98	71.90	72.14	72.56	72.22	72.15	72.33	71.73	71.73	72.09	72.23	72.20	
9	71.98	71.98	72.23	72.67	72.22	72.15	72.33	71.72	71.73	72.09	72.23	72.20	
10	71.99	71.92	72.23	72.81	72.22	72.15	72.22	71.71	71.73	72.09	72.23	72.20	
11	71.99	71.82	72.24	72.80	72.22	72.16	72.24	71.71	71.73	72.09	72.23	72.20	
12	72.03	71.79	72.24	72.79	72.22	72.17	72.28	71.71	71.73	72.09	72.23	72.20	
13	72.01	71.79	72.24	72.78	72.22	72.17	72.23	71.71	71.73	72.09	72.23	72.19	
14	72.00	71.81	72.24	72.54	72.22	72.17	72.68	71.71	71.73	72.09	72.23	72.19	
15	71.99	71.87	72.26	72.40	72.22	72.19	72.93	71.70	71.73	72.09	72.28	72.19	
16	71.99	71.89	72.27	72.55	72.22	72.19	72.93	71.69	71.73	72.09	72.31	72.19	
17	71.99	71.84	72.20	72.68	72.21	72.21	72.73	71.69	71.73	72.09	72.29	72.19	
18	71.99	71.80	72.05	72.67	72.21	72.18	72.34	71.69	71.67	72.09	72.21	72.19	
19	71.99	71.78	72.25	72.65	72.21	72.28	72.15	71.69	71.67	72.09	72.21	72.19	
20	71.99	71.77	72.29	72.41	72.21	72.39	72.15	71.68	71.44	72.09	72.20	72.19	
21	71.99	71.77	72.31	71.86	72.21	72.39	72.08	71.81	71.44	72.09	72.20	72.19	
22	71.99	71.90	72.32	71.75	72.21	72.39	71.80	71.87	71.44	72.09	72.20	72.19	
23	71.99	72.05	72.35	71.77	72.21	72.40	71.75	71.87	71.44	72.09	72.20	72.19	
24	71.98	72.14	72.35	71.88	72.21	72.04	71.75	71.87	71.44	72.09	72.20	72.19	
25	71.97	72.21	72.33	72.50	72.21	71.82	71.75	71.87	71.44	72.17	72.20	72.19	
26	71.97	72.22	72.33	72.61	72.21	71.79	71.75	71.73	71.44	72.20	72.20	72.19	
27	71.97	71.91	72.33	72.51	72.21	72.50	71.75	71.73	71.44	72.20	72.20	72.19	
28	71.97	72.01	72.33	71.84	72.02	72.98	71.75	71.73	71.44	72.20	72.20	72.19	
29	71.97	72.09	72.32	71.77	71.87	73.11	71.75	71.73	71.84	72.20	72.20	72.19	
30	71.97	72.09	72.32	71.75	71.83	73.07	71.75	71.73	72.09	72.20	72.20	72.19	
31		72.10		71.75	71.82		71.75		72.09	72.20		72.19	
Mean	71.99	71.92	72.24	72.33	72.08	72.23	72.21	71.74	71.67	72.11	72.22	72.19	
Max	72.03	72.22	72.35	72.81	72.22	73.11	73.03	71.87	72.09	72.20	72.31	72.20	73.11
Min	71.97	71.77	72.05	71.75	71.76	71.77	71.75	71.68	71.44	72.09	72.19	72.19	71.44
Annual Max Momentary Gage Height	73.15		m. (MSL.) ,			at 15.00 Hours , on Sep 28 , 2007							
Zero Gage at Bottom Elevation	72.27		m. (MSL.) ,		River Bed	71.60		m. (MSL.)					
Left Bank Elevation	79.30		m. (MSL.) ,										
Right Bank Elevation	79.15		m. (MSL.) ,		Drainage Are	461		Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.03	0.75	3.49	7.28	0.06	0.09	53.05	0.05	0.03	0.66	1.15	1.20	
2	1.03	1.34	3.49	7.62	0.06	0.08	17.20	0.05	0.03	0.66	1.20	1.20	
3	1.03	0.40	2.64	7.62	0.06	0.07	7.62	0.05	0.03	0.66	1.20	1.20	
4	1.03	0.34	3.83	7.62	0.06	0.82	7.62	0.05	0.03	0.66	1.20	1.20	
5	1.03	0.13	4.52	7.62	0.06	3.49	7.62	0.05	0.03	0.66	1.20	1.20	
6	1.03	0.08	2.47	3.15	0.06	3.49	7.62	0.04	0.03	0.66	1.20	1.20	
7	1.03	0.28	2.30	4.26	1.03	3.49	7.62	0.03	0.03	0.66	1.20	1.20	
8	0.96	0.40	2.98	17.76	4.52	3.15	7.62	0.03	0.03	0.66	1.38	1.20	
9	0.96	0.96	4.78	24.20	4.52	3.15	7.62	0.02	0.03	0.66	1.38	1.20	
10	1.03	0.54	4.78	34.80	4.52	3.15	4.52	0.01	0.03	0.66	1.38	1.20	
11	1.03	0.16	5.04	34.00	4.52	3.32	5.04	0.01	0.03	0.66	1.38	1.20	
12	1.46	0.09	5.04	33.20	4.52	3.49	6.08	0.01	0.03	0.66	1.38	1.20	
13	1.22	0.09	5.04	32.40	4.52	3.49	4.78	0.01	0.03	0.66	1.38	1.15	
14	1.10	0.13	5.04	16.64	4.52	3.49	24.80	0.01	0.03	0.66	1.38	1.15	
15	1.03	0.31	5.56	10.00	4.52	3.83	44.55	0.00	0.03	0.66	1.68	1.15	
16	1.03	0.37	5.82	17.20	4.52	3.83	44.55	0.00	0.03	0.66	1.88	1.15	
17	1.03	0.22	4.00	24.80	4.26	4.26	28.40	0.00	0.03	0.66	1.74	1.15	
18	1.03	0.10	1.70	24.20	4.26	3.66	7.96	0.00	0.00	0.66	1.26	1.15	
19	1.03	0.08	5.30	23.00	4.26	6.08	3.15	0.00	0.00	0.66	1.26	1.15	
20	1.03	0.07	6.34	10.44	4.26	9.66	3.15	0.00	0.00	0.66	1.20	1.15	
21	1.03	0.07	6.94	0.28	4.26	9.66	2.06	0.13	0.00	0.66	1.20	1.15	
22	1.03	0.40	7.28	0.05	4.26	9.66	0.10	0.31	0.00	0.66	1.20	1.15	
23	1.03	1.70	8.30	0.07	4.26	10.00	0.05	0.31	0.00	0.66	1.20	1.15	
24	0.96	2.98	8.30	0.34	4.26	1.58	0.05	0.31	0.00	0.66	1.20	1.15	
25	0.89	4.26	7.62	14.40	4.26	0.16	0.05	0.31	0.00	1.05	1.20	1.15	
26	0.89	4.52	7.62	20.60	4.26	0.09	0.05	0.03	0.00	1.20	1.20	1.15	
27	0.89	0.47	7.62	14.96	4.26	14.40	0.05	0.03	0.00	1.20	1.20	1.15	
28	0.89	1.22	7.62	0.22	1.34	48.80	0.05	0.03	0.00	1.20	1.20	1.15	
29	0.89	2.18	7.28	0.07	0.31	59.85	0.05	0.03	0.22	1.20	1.20	1.15	
30	0.89	2.18	7.28	0.05	0.19	56.45	0.05	0.03	2.18	1.20		1.15	
31		2.30		0.05	0.16		0.05		2.18	1.20		1.15	
Total	30.54	29.12	160.02	398.90	90.93	276.74	303.18	1.94	5.09	24.09	37.83	36.25	1394.63 CMSDAY
Mean	1.02	0.94	5.33	12.87	2.93	9.22	9.78	0.06	0.16	0.78	1.30	1.17	3.81 CMS
Max	1.46	4.52	8.30	34.80	4.52	59.85	53.05	0.31	2.18	1.20	1.88	1.20	59.85 CMS
Min	0.89	0.07	1.70	0.05	0.06	0.07	0.05	0.00	0.00	0.66	1.15	1.15	0.00 CMS
Runoff	2.64	2.52	13.83	34.46	7.86	23.91	26.19	0.17	0.44	2.08	3.27	3.13	120.50 MCM
Momentary Peak	63.25 CMS. at 73.15 m. (MSL.) at 15.00 Hours , on Sep 28 , 2007												
Runoff Yield	8.31 Liters/Second/Square KM.			Momentary Peak Yield 137.50 Liters/Second/Square KM.									

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Wa Thon at Ban Rai Khlong, Prachuap Khiri Khan (Gt.8)

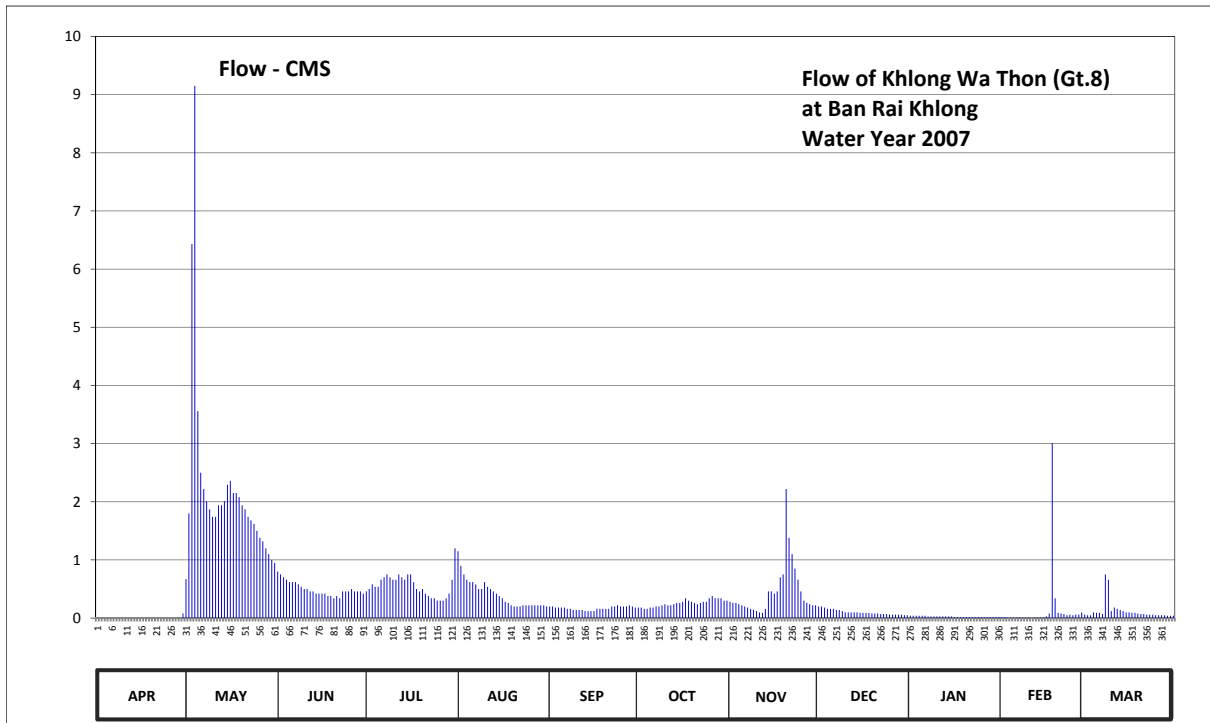
Lat 11 - 43 - 29 N Long 99 - 43 - 51 E

Location : on right bank at the bridge of Phet Kasem Highway near the guidepost 335 - 336.

	Ban Rai Khlong	Amphoe Mueang	Changwat Prachuap Khiri Khan
Drainage Area	44 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+8.865 m. (MSL.)		
Bench Mark	B.M.- H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+14.354 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	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 35 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.82	8.94	8.82	8.74	8.89	8.65	8.64	8.69	8.65	8.54	8.52	8.56	
2	8.82	9.12	8.81	8.75	8.84	8.65	8.64	8.68	8.65	8.54	8.52	8.55	
3	8.82	9.45	8.80	8.77	8.81	8.64	8.63	8.68	8.64	8.54	8.51	8.55	
4	8.82	9.60	8.79	8.76	8.79	8.64	8.63	8.67	8.63	8.54	8.51	8.60	
5	8.82	9.22	8.78	8.76	8.78	8.64	8.64	8.66	8.63	8.54	8.51	8.59	
6	8.82	9.10	8.78	8.79	8.78	8.64	8.64	8.65	8.63	8.54	8.51	8.59	
7	8.82	9.06	8.78	8.80	8.77	8.63	8.65	8.64	8.62	8.53	8.51	8.57	
8	8.82	9.03	8.77	8.81	8.75	8.63	8.65	8.63	8.62	8.53	8.51	8.81	
9	8.82	9.01	8.76	8.80	8.75	8.62	8.66	8.62	8.61	8.53	8.51	8.79	
10	8.82	8.99	8.75	8.79	8.78	8.62	8.67	8.61	8.60	8.53	8.51	8.61	
11	8.82	8.99	8.75	8.79	8.76	8.62	8.66	8.60	8.60	8.53	8.50	8.64	
12	8.82	9.02	8.74	8.81	8.75	8.62	8.66	8.59	8.60	8.53	8.51	8.63	
13	8.82	9.02	8.74	8.80	8.74	8.61	8.67	8.63	8.60	8.53	8.51	8.62	
14	8.82	9.03	8.73	8.79	8.73	8.61	8.68	8.74	8.60	8.53	8.51	8.61	
15	8.82	9.07	8.73	8.81	8.72	8.61	8.68	8.74	8.59	8.53	8.51	8.60	
16	8.82	9.08	8.73	8.81	8.71	8.61	8.69	8.73	8.59	8.52	8.53	8.60	
17	8.82	9.05	8.73	8.78	8.69	8.63	8.71	8.74	8.59	8.52	8.58	8.59	
18	8.82	9.05	8.72	8.75	8.68	8.63	8.70	8.80	8.59	8.52	9.16	8.59	
19	8.82	9.04	8.72	8.74	8.66	8.63	8.69	8.81	8.58	8.52	8.71	8.58	
20	8.82	9.02	8.71	8.75	8.65	8.63	8.68	9.06	8.58	8.52	8.59	8.57	
21	8.82	9.01	8.72	8.73	8.65	8.63	8.67	8.93	8.58	8.52	8.58	8.57	
22	8.82	8.99	8.71	8.72	8.65	8.65	8.68	8.88	8.57	8.52	8.57	8.56	
23	8.82	8.98	8.74	8.71	8.66	8.65	8.69	8.83	8.57	8.52	8.55	8.56	
24	8.82	8.97	8.74	8.71	8.66	8.66	8.69	8.79	8.57	8.52	8.56	8.56	
25	8.82	8.95	8.74	8.70	8.66	8.65	8.71	8.74	8.56	8.52	8.55	8.55	
26	8.82	8.93	8.75	8.70	8.66	8.65	8.72	8.70	8.56	8.52	8.56	8.55	
27	8.82	8.92	8.74	8.70	8.66	8.65	8.71	8.68	8.56	8.52	8.56	8.55	
28	8.82	8.90	8.74	8.71	8.66	8.66	8.71	8.67	8.56	8.52	8.60	8.55	
29	8.83	8.88	8.74	8.73	8.66	8.65	8.71	8.66	8.56	8.52	8.57	8.54	
30	8.86	8.86	8.73	8.79	8.66	8.64	8.70	8.66	8.55	8.52	8.54	8.54	
31		8.85		8.90	8.65		8.70		8.55	8.52		8.54	
Mean	8.82	9.04	8.75	8.76	8.72	8.63	8.68	8.72	8.59	8.53	8.56	8.59	
Max	8.86	9.60	8.82	8.90	8.89	8.66	8.72	9.06	8.65	8.54	9.16	8.81	9.60
Min	8.82	8.85	8.71	8.70	8.65	8.61	8.63	8.59	8.55	8.52	8.50	8.54	8.50
Annual Max Momentary Gage Height	9.69		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	8.87		m. (MSL.) ,			River Bed	8.37		m. (MSL.)				
Left Bank Elevation		13.10		m. (MSL.) ,									
Right Bank Elevation		12.87		m. (MSL.) ,		Drainage Are	44		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.67	0.80	0.46	1.15	0.20	0.18	0.28	0.20	0.04	0.02	0.06	
2	0.00	1.80	0.75	0.50	0.90	0.20	0.18	0.26	0.20	0.04	0.02	0.05	
3	0.00	6.43	0.70	0.58	0.75	0.18	0.16	0.26	0.18	0.04	0.01	0.05	
4	0.00	9.15	0.66	0.54	0.66	0.18	0.16	0.24	0.16	0.04	0.01	0.10	
5	0.00	3.56	0.62	0.54	0.62	0.18	0.18	0.22	0.16	0.04	0.01	0.09	
6	0.00	2.50	0.62	0.66	0.62	0.18	0.18	0.20	0.16	0.04	0.01	0.09	
7	0.00	2.22	0.62	0.70	0.58	0.16	0.20	0.18	0.14	0.03	0.01	0.07	
8	0.00	2.01	0.58	0.75	0.50	0.16	0.20	0.16	0.14	0.03	0.01	0.75	
9	0.00	1.87	0.54	0.70	0.50	0.14	0.22	0.14	0.12	0.03	0.01	0.66	
10	0.00	1.74	0.50	0.66	0.62	0.14	0.24	0.12	0.10	0.03	0.01	0.12	
11	0.00	1.74	0.50	0.66	0.54	0.14	0.22	0.10	0.10	0.03	0.00	0.18	
12	0.00	1.94	0.46	0.75	0.50	0.14	0.22	0.09	0.10	0.03	0.01	0.16	
13	0.00	1.94	0.46	0.70	0.46	0.12	0.24	0.16	0.10	0.03	0.01	0.14	
14	0.00	2.01	0.42	0.66	0.42	0.12	0.26	0.46	0.10	0.03	0.01	0.12	
15	0.00	2.29	0.42	0.75	0.38	0.12	0.26	0.46	0.09	0.03	0.01	0.10	
16	0.00	2.36	0.42	0.75	0.34	0.12	0.28	0.42	0.09	0.02	0.03	0.10	
17	0.00	2.15	0.42	0.62	0.28	0.16	0.34	0.46	0.09	0.02	0.08	0.09	
18	0.00	2.15	0.38	0.50	0.26	0.16	0.30	0.70	0.09	0.02	3.01	0.09	
19	0.00	2.08	0.38	0.46	0.22	0.16	0.28	0.75	0.08	0.02	0.34	0.08	
20	0.00	1.94	0.34	0.50	0.20	0.16	0.26	2.22	0.08	0.02	0.09	0.07	
21	0.00	1.87	0.38	0.42	0.20	0.16	0.24	1.38	0.08	0.02	0.08	0.07	
22	0.00	1.74	0.34	0.38	0.20	0.20	0.26	1.10	0.07	0.02	0.07	0.06	
23	0.00	1.68	0.46	0.34	0.22	0.20	0.28	0.85	0.07	0.02	0.05	0.06	
24	0.00	1.62	0.46	0.34	0.22	0.22	0.28	0.66	0.07	0.02	0.06	0.06	
25	0.00	1.50	0.46	0.30	0.22	0.20	0.34	0.46	0.06	0.02	0.05	0.05	
26	0.00	1.38	0.50	0.30	0.22	0.20	0.38	0.30	0.06	0.02	0.06	0.05	
27	0.00	1.32	0.46	0.30	0.22	0.20	0.34	0.26	0.06	0.02	0.06	0.05	
28	0.00	1.20	0.46	0.34	0.22	0.22	0.34	0.24	0.06	0.02	0.10	0.05	
29	0.00	1.10	0.46	0.42	0.22	0.20	0.34	0.22	0.06	0.02	0.07	0.04	
30	0.08	1.00	0.42	0.66	0.22	0.18	0.30	0.22	0.05	0.02		0.04	
31		0.95		1.20	0.20		0.30		0.05	0.02		0.04	
Total	0.08	67.91	14.99	17.44	12.86	5.10	7.96	13.57	3.17	0.83	4.31	3.74	151.96 CMSDAY
Mean	0.00	2.19	0.50	0.56	0.41	0.17	0.26	0.45	0.10	0.03	0.15	0.12	0.42 CMS
Max	0.08	9.15	0.80	1.20	1.15	0.22	0.38	2.22	0.20	0.04	3.01	0.75	9.15 CMS
Min	0.00	0.67	0.34	0.30	0.20	0.12	0.16	0.09	0.05	0.02	0.00	0.04	0.00 CMS
Runoff	0.01	5.87	1.30	1.51	1.11	0.44	0.69	1.17	0.27	0.07	0.37	0.32	13.13 MCM
Momentary Peak	11.62	CMS. at 9.69 m. (MSL.) at 12.00 Hours , on May 4, 2007											
Runoff Yield	9.46	Liters/Second/Square KM. Momentary Peak Yield 264.09 Liters/Second/Square KM.											

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Thap Sakae at Ban Klang , Prachuap Khiri Khan (Gt.9)

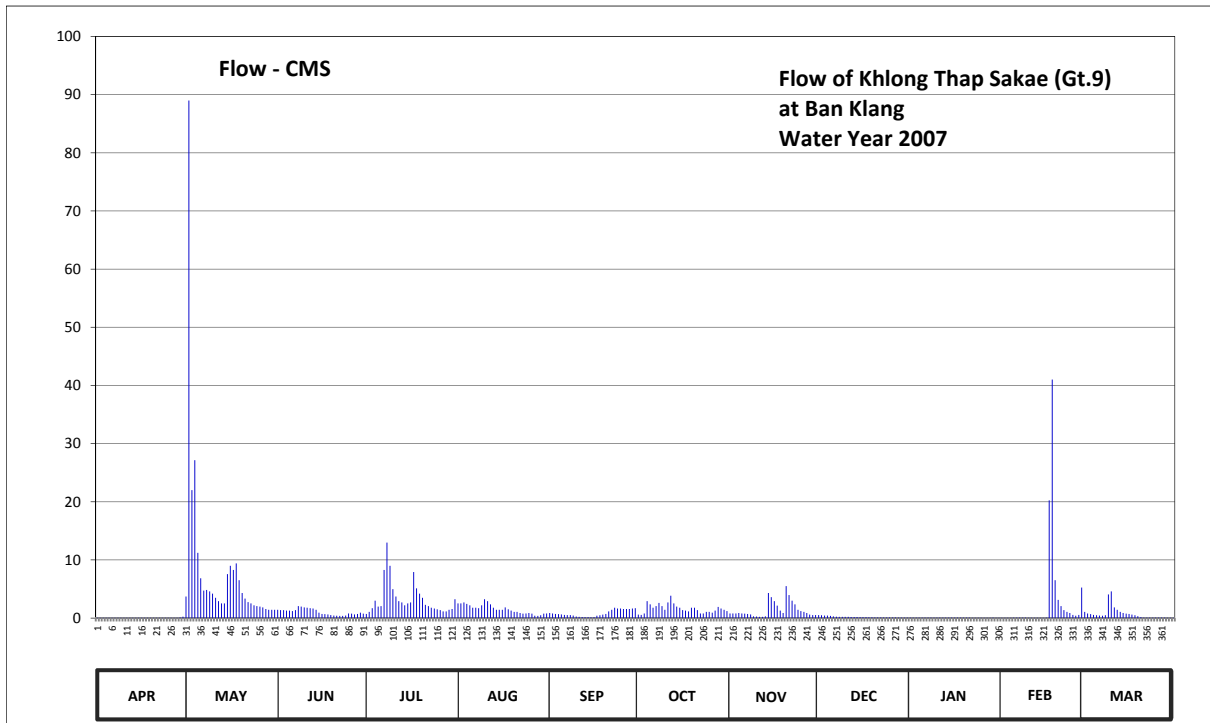
Lat 11 - 29 - 40 N Long 99 - 36 - 20 E

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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 32 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.40	8.06	7.79	7.68	7.94	7.71	7.65	7.70	7.63	7.46	7.40	7.74	
2	7.40	10.41	7.78	7.74	7.94	7.70	7.64	7.70	7.62	7.45	7.41	7.70	
3	7.40	8.94	7.78	7.83	7.96	7.68	7.70	7.70	7.61	7.44	7.42	7.67	
4	7.40	9.11	7.77	8.00	7.93	7.67	7.99	7.71	7.61	7.46	7.42	7.64	
5	7.40	8.51	7.77	7.87	7.90	7.66	7.92	7.70	7.59	7.46	7.44	7.62	
6	7.40	8.28	7.76	7.88	7.84	7.64	7.84	7.69	7.57	7.45	7.44	7.61	
7	7.40	8.14	7.78	8.36	7.84	7.63	7.88	7.68	7.55	7.44	7.44	7.60	
8	7.40	8.15	7.88	8.59	7.83	7.63	7.95	7.66	7.54	7.44	7.44	7.62	
9	7.40	8.13	7.87	8.40	7.90	7.61	7.88	7.57	7.54	7.44	7.45	8.09	
10	7.40	8.10	7.85	8.16	8.02	7.56	7.79	7.56	7.54	7.44	7.41	8.13	
11	7.40	8.04	7.84	8.06	7.99	7.54	7.96	7.54	7.54	7.44	7.41	7.85	
12	7.40	7.99	7.83	7.99	7.92	7.53	8.07	7.54	7.53	7.46	7.41	7.79	
13	7.40	7.94	7.82	7.96	7.84	7.52	7.94	7.57	7.53	7.46	7.40	7.74	
14	7.40	7.94	7.79	7.90	7.79	7.52	7.87	8.11	7.53	7.46	7.41	7.71	
15	7.40	8.32	7.72	7.94	7.79	7.51	7.84	8.05	7.52	7.47	7.41	7.69	
16	7.40	8.40	7.68	7.96	7.79	7.52	7.78	7.99	7.52	7.47	7.43	7.68	
17	7.40	8.36	7.67	8.34	7.85	7.60	7.77	7.89	7.52	7.47	8.88	7.65	
18	7.40	8.42	7.66	8.17	7.80	7.62	7.75	7.77	7.51	7.46	9.49	7.62	
19	7.40	8.26	7.63	8.10	7.77	7.65	7.84	7.71	7.51	7.45	8.26	7.58	
20	7.40	8.11	7.61	8.04	7.74	7.68	7.84	8.20	7.50	7.45	8.01	7.52	
21	7.40	8.03	7.60	7.91	7.74	7.75	7.78	8.08	7.50	7.43	7.88	7.48	
22	7.40	7.97	7.59	7.88	7.71	7.79	7.70	8.00	7.49	7.39	7.78	7.47	
23	7.40	7.94	7.59	7.84	7.69	7.84	7.70	7.92	7.49	7.38	7.74	7.46	
24	7.40	7.90	7.61	7.82	7.70	7.82	7.74	7.79	7.49	7.38	7.71	7.44	
25	7.40	7.88	7.70	7.80	7.71	7.82	7.74	7.76	7.49	7.38	7.64	7.44	
26	7.40	7.87	7.69	7.78	7.69	7.81	7.72	7.74	7.49	7.38	7.60	7.47	
27	7.40	7.85	7.66	7.75	7.60	7.81	7.77	7.71	7.49	7.41	7.64	7.44	
28	7.40	7.81	7.68	7.75	7.59	7.81	7.86	7.65	7.47	7.41	8.18	7.44	
29	7.50	7.79	7.72	7.79	7.62	7.82	7.82	7.63	7.46	7.43	7.83	7.41	
30	7.55	7.79	7.69	7.81	7.69	7.83	7.79	7.63	7.45	7.41		7.40	
31		7.79		8.02	7.70		7.76		7.45	7.41		7.39	
Mean	7.41	8.20	7.73	7.97	7.80	7.68	7.82	7.77	7.53	7.43	7.70	7.62	
Max	7.55	10.41	7.88	8.59	8.02	7.84	8.07	8.20	7.63	7.47	9.49	8.13	10.41
Min	7.40	7.79	7.59	7.68	7.59	7.51	7.64	7.54	7.45	7.38	7.40	7.39	7.38
Annual Max Momentary Gage Height	11.38		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	6.84		m. (MSL.) ,			River Bed	7.13	m. (MSL.)					
Left Bank Elevation	12.22		m. (MSL.) ,										
Right Bank Elevation	12.25		m. (MSL.) ,			Drainage Are	125	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	3.72	1.43	0.72	2.52	0.87	0.60	0.80	0.52	0.08	0.05	1.08	
2	0.05	88.98	1.36	1.08	2.52	0.80	0.56	0.80	0.48	0.08	0.06	0.80	
3	0.05	22.00	1.36	1.71	2.68	0.72	0.80	0.80	0.44	0.07	0.06	0.68	
4	0.05	27.14	1.29	3.00	2.44	0.68	2.92	0.87	0.44	0.08	0.06	0.56	
5	0.05	11.22	1.29	1.99	2.20	0.64	2.36	0.80	0.37	0.08	0.07	0.48	
6	0.05	6.86	1.22	2.06	1.78	0.56	1.78	0.76	0.31	0.08	0.07	0.44	
7	0.05	4.72	1.36	8.28	1.78	0.52	2.06	0.72	0.25	0.07	0.07	0.40	
8	0.05	4.85	2.06	12.98	1.71	0.52	2.60	0.64	0.22	0.07	0.07	0.48	
9	0.05	4.59	1.99	9.00	2.20	0.44	2.06	0.31	0.22	0.07	0.08	4.08	
10	0.05	4.20	1.85	4.98	3.24	0.28	1.43	0.28	0.22	0.07	0.06	4.59	
11	0.05	3.48	1.78	3.72	2.92	0.22	2.68	0.22	0.22	0.07	0.06	1.85	
12	0.05	2.92	1.71	2.92	2.36	0.19	3.84	0.22	0.19	0.08	0.06	1.43	
13	0.05	2.52	1.64	2.68	1.78	0.16	2.52	0.31	0.19	0.08	0.05	1.08	
14	0.05	2.52	1.43	2.20	1.43	0.16	1.99	4.33	0.19	0.08	0.06	0.87	
15	0.05	7.56	0.94	2.52	1.43	0.13	1.78	3.60	0.16	0.09	0.06	0.76	
16	0.05	9.00	0.72	2.68	1.43	0.16	1.36	2.92	0.16	0.09	0.07	0.72	
17	0.05	8.28	0.68	7.92	1.85	0.40	1.29	2.13	0.16	0.09	20.24	0.60	
18	0.05	9.40	0.64	5.11	1.50	0.48	1.15	1.29	0.13	0.08	41.00	0.48	
19	0.05	6.52	0.52	4.20	1.29	0.60	1.78	0.87	0.13	0.08	6.52	0.34	
20	0.05	4.33	0.44	3.48	1.08	0.72	1.78	5.50	0.10	0.08	3.12	0.16	
21	0.05	3.36	0.40	2.28	1.08	1.15	1.36	3.96	0.10	0.07	2.06	0.09	
22	0.05	2.76	0.37	2.06	0.87	1.43	0.80	3.00	0.10	0.05	1.36	0.09	
23	0.05	2.52	0.37	1.78	0.76	1.78	0.80	2.36	0.10	0.04	1.08	0.08	
24	0.05	2.20	0.44	1.64	0.80	1.64	1.08	1.43	0.10	0.04	0.87	0.07	
25	0.05	2.06	0.80	1.50	0.87	1.64	1.08	1.22	0.10	0.04	0.56	0.07	
26	0.05	1.99	0.76	1.36	0.76	1.57	0.94	1.08	0.10	0.04	0.40	0.09	
27	0.05	1.85	0.64	1.15	0.40	1.57	1.29	0.87	0.10	0.06	0.56	0.07	
28	0.05	1.57	0.72	1.15	0.37	1.57	1.92	0.60	0.09	0.06	5.24	0.07	
29	0.10	1.43	0.94	1.43	0.48	1.64	1.64	0.52	0.08	0.07	1.71	0.06	
30	0.25	1.43	0.76	1.57	0.76	1.71	1.43	0.52	0.08	0.06		0.05	
31		1.43		3.24	0.80		1.22		0.08	0.06		0.05	
Total	1.75	257.41	31.91	102.39	48.09	24.95	50.90	43.73	6.13	2.16	85.73	22.67	677.82 CMSDAY
Mean	0.06	8.30	1.06	3.30	1.55	0.83	1.64	1.46	0.20	0.07	2.96	0.73	1.85 CMS
Max	0.25	88.98	2.06	12.98	3.24	1.78	3.84	5.50	0.52	0.09	41.00	4.59	88.98 CMS
Min	0.05	1.43	0.37	0.72	0.37	0.13	0.56	0.22	0.08	0.04	0.05	0.05	0.04 CMS
Runoff	0.15	22.24	2.76	8.85	4.15	2.16	4.40	3.78	0.53	0.19	7.41	1.96	58.56 MCM
Momentary Peak		167.36 CMS.		11.38 m. (MSL.)									at 15.00 Hours , on May 2, 2007
Runoff Yield		14.86		Liters/Second/Square KM.									Momentary Peak Yield 1338.88 Liters/Second/Square KM.

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Krut at Ban Nong Ya Plong , Prachuap Khiri Khan (Gt.10)

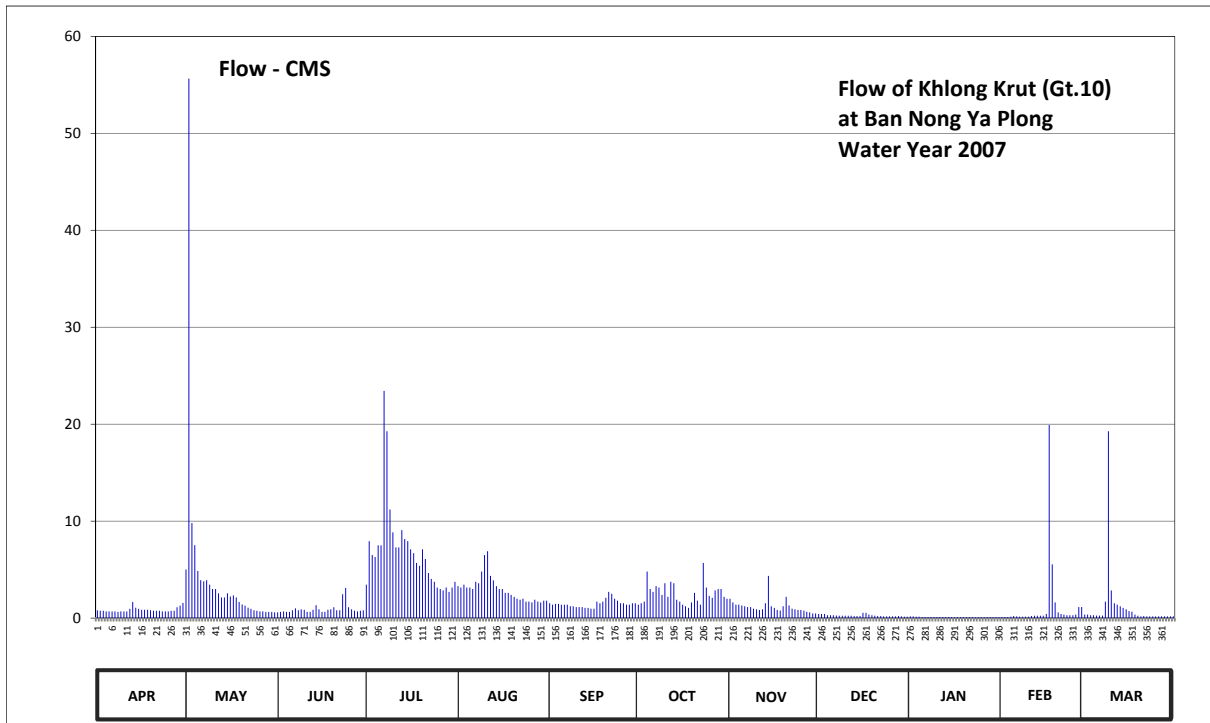
Lat 11 - 24 - 08 N Long 99 - 31 - 18 E

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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 31 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	24.78	25.21	24.74	24.85	24.84	24.68	24.66	24.73	24.52	24.46	24.44	24.51	
2	24.77	26.75	24.75	25.11	24.83	24.66	24.68	24.69	24.52	24.46	24.44	24.51	
3	24.77	25.49	24.76	25.04	24.85	24.67	24.70	24.66	24.52	24.45	24.44	24.50	
4	24.76	25.37	24.75	25.03	24.83	24.67	24.94	24.66	24.50	24.45	24.45	24.50	
5	24.76	25.20	24.75	25.09	24.83	24.66	24.82	24.65	24.50	24.44	24.47	24.49	
6	24.76	25.12	24.78	25.09	24.82	24.66	24.80	24.64	24.50	24.44	24.46	24.49	
7	24.76	25.11	24.82	25.67	24.87	24.66	24.84	24.63	24.49	24.44	24.45	24.49	
8	24.75	25.12	24.78	25.54	24.86	24.64	24.83	24.63	24.48	24.44	24.45	24.70	
9	24.76	25.08	24.80	25.25	24.94	24.64	24.77	24.61	24.48	24.44	24.45	25.54	
10	24.76	25.04	24.79	25.15	25.04	24.63	24.86	24.60	24.48	24.44	24.45	24.81	
11	24.76	25.04	24.75	25.08	25.06	24.63	24.75	24.59	24.48	24.44	24.47	24.68	
12	24.81	25.00	24.75	25.08	24.91	24.63	24.87	24.60	24.48	24.44	24.48	24.66	
13	24.92	24.96	24.79	25.16	24.88	24.62	24.86	24.68	24.47	24.44	24.48	24.64	
14	24.83	24.96	24.88	25.12	24.84	24.62	24.72	24.91	24.47	24.44	24.48	24.62	
15	24.81	25.00	24.80	25.11	24.82	24.61	24.70	24.64	24.47	24.44	24.48	24.60	
16	24.79	24.97	24.75	25.07	24.82	24.61	24.66	24.62	24.54	24.43	24.52	24.57	
17	24.79	24.98	24.75	25.05	24.79	24.70	24.64	24.59	24.54	24.43	25.56	24.56	
18	24.79	24.96	24.79	25.00	24.79	24.68	24.62	24.58	24.51	24.43	24.99	24.51	
19	24.78	24.92	24.80	24.98	24.77	24.70	24.69	24.64	24.50	24.43	24.69	24.48	
20	24.77	24.89	24.84	25.07	24.75	24.74	24.79	24.75	24.48	24.43	24.55	24.46	
21	24.77	24.87	24.78	25.02	24.73	24.80	24.71	24.65	24.47	24.43	24.52	24.47	
22	24.77	24.83	24.78	24.93	24.72	24.78	24.66	24.61	24.47	24.43	24.51	24.46	
23	24.76	24.81	24.99	24.89	24.73	24.73	25.00	24.60	24.46	24.43	24.50	24.46	
24	24.76	24.78	25.05	24.87	24.70	24.71	24.83	24.59	24.46	24.43	24.50	24.46	
25	24.76	24.77	24.84	24.83	24.70	24.68	24.76	24.59	24.46	24.43	24.50	24.46	
26	24.77	24.76	24.80	24.82	24.69	24.68	24.74	24.58	24.46	24.43	24.51	24.46	
27	24.77	24.76	24.77	24.81	24.72	24.66	24.81	24.56	24.46	24.43	24.63	24.46	
28	24.84	24.75	24.76	24.83	24.70	24.66	24.82	24.55	24.47	24.43	24.63	24.46	
29	24.87	24.75	24.77	24.80	24.69	24.68	24.82	24.53	24.46	24.43	24.58	24.46	
30	24.91	24.75	24.78	24.83	24.71	24.68	24.75	24.53	24.45	24.43	24.43	24.46	
31		24.74		24.87	24.71		24.73		24.45	24.43		24.46	
Mean	24.79	25.02	24.80	25.03	24.80	24.67	24.77	24.63	24.48	24.44	24.55	24.56	
Max	24.92	26.75	25.05	25.67	25.06	24.80	25.00	24.91	24.54	24.46	25.56	25.54	26.75
Min	24.75	24.74	24.74	24.80	24.69	24.61	24.62	24.53	24.45	24.43	24.44	24.46	24.43
Annual Max Momentary Gage Height	27.29		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	25.36		m. (MSL.) ,			River Bed	24.40	m. (MSL.)					
Left Bank Elevation	30.19		m. (MSL.) ,										
Right Bank Elevation	29.68		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.80	5.02	0.60	3.45	3.30	1.54	1.38	2.00	0.42	0.18	0.12	0.36	
2	0.75	55.65	0.65	7.93	3.15	1.38	1.54	1.62	0.42	0.18	0.12	0.36	
3	0.75	9.80	0.70	6.50	3.45	1.46	1.70	1.38	0.42	0.15	0.12	0.30	
4	0.70	7.52	0.65	6.30	3.15	1.46	4.80	1.38	0.30	0.15	0.15	0.30	
5	0.70	4.87	0.65	7.50	3.15	1.38	3.00	1.30	0.30	0.12	0.21	0.27	
6	0.70	3.91	0.80	7.50	3.00	1.38	2.70	1.22	0.30	0.12	0.18	0.27	
7	0.70	3.79	1.01	23.44	3.75	1.38	3.30	1.14	0.27	0.12	0.15	0.27	
8	0.65	3.91	0.80	19.28	3.60	1.22	3.15	1.14	0.24	0.12	0.15	1.70	
9	0.70	3.45	0.90	11.20	4.80	1.22	2.40	0.98	0.24	0.12	0.15	19.28	
10	0.70	3.00	0.85	8.85	6.50	1.14	3.60	0.90	0.24	0.12	0.15	2.85	
11	0.70	3.00	0.65	7.30	6.90	1.14	2.20	0.84	0.24	0.12	0.21	1.54	
12	0.96	2.56	0.65	7.30	4.35	1.14	3.75	0.90	0.24	0.12	0.24	1.38	
13	1.67	2.12	0.85	9.08	3.90	1.06	3.60	1.54	0.21	0.12	0.24	1.22	
14	1.07	2.12	1.34	8.16	3.30	1.06	1.90	4.35	0.21	0.12	0.24	1.06	
15	0.96	2.56	0.90	7.93	3.00	0.98	1.70	1.22	0.21	0.12	0.24	0.90	
16	0.85	2.23	0.65	7.10	3.00	0.98	1.38	1.06	0.54	0.09	0.42	0.72	
17	0.85	2.34	0.65	6.70	2.60	1.70	1.22	0.84	0.54	0.09	19.92	0.66	
18	0.85	2.12	0.85	5.70	2.60	1.54	1.06	0.78	0.36	0.09	5.55	0.36	
19	0.80	1.67	0.90	5.40	2.40	1.70	1.62	1.22	0.30	0.09	1.62	0.24	
20	0.75	1.40	1.12	7.10	2.20	2.10	2.60	2.20	0.24	0.09	0.60	0.18	
21	0.75	1.29	0.80	6.10	2.00	2.70	1.80	1.30	0.21	0.09	0.42	0.21	
22	0.75	1.07	0.80	4.65	1.90	2.50	1.38	0.98	0.21	0.09	0.36	0.18	
23	0.70	0.96	2.45	4.05	2.00	2.00	5.70	0.90	0.18	0.09	0.30	0.18	
24	0.70	0.80	3.12	3.75	1.70	1.80	3.15	0.84	0.18	0.09	0.30	0.18	
25	0.70	0.75	1.12	3.15	1.70	1.54	2.30	0.84	0.18	0.09	0.30	0.18	
26	0.75	0.70	0.90	3.00	1.62	1.54	2.10	0.78	0.18	0.09	0.36	0.18	
27	0.75	0.70	0.75	2.85	1.90	1.38	2.85	0.66	0.18	0.09	1.14	0.18	
28	1.12	0.65	0.70	3.15	1.70	1.38	3.00	0.60	0.21	0.09	1.14	0.18	
29	1.29	0.65	0.75	2.70	1.62	1.54	3.00	0.48	0.18	0.09	0.78	0.18	
30	1.56	0.65	0.80	3.15	1.80	1.54	2.20	0.48	0.15	0.09		0.18	
31		0.60		3.75	1.80		2.00		0.15	0.09		0.18	
Total	25.68	131.86	28.36	214.02	91.84	44.88	78.08	35.87	8.25	3.42	35.88	36.23	734.37 CMSDAY
Mean	0.86	4.25	0.95	6.90	2.96	1.50	2.52	1.20	0.27	0.11	1.24	1.17	2.01 CMS
Max	1.67	55.65	3.12	23.44	6.90	2.70	5.70	4.35	0.54	0.18	19.92	19.28	55.65 CMS
Min	0.65	0.60	0.60	2.70	1.62	0.98	1.06	0.48	0.15	0.09	0.12	0.18	0.09 CMS
Runoff	2.22	11.39	2.45	18.49	7.93	3.88	6.75	3.10	0.71	0.30	3.10	3.13	63.45 MCM
Momentary Peak	90.11 CMS. at 27.29 m. (MSL.) at 12.00 Hours , on May 2, 2007												
Runoff Yield	17.81 Liters/Second/Square KM.			Momentary Peak Yield 797.43 Liters/Second/Square KM.									

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Yai at Ban Chang Laek , Prachuap Khiri Khan (Gt.11)

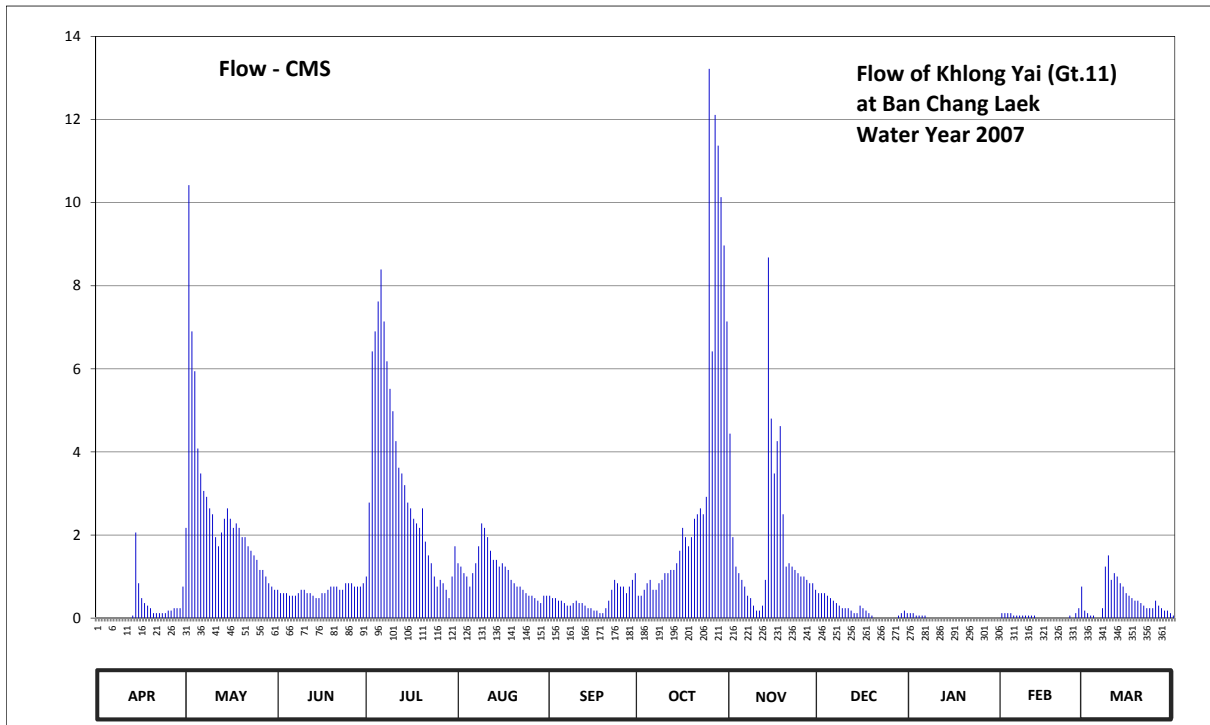
Lat 11 - 03 - 44 N Long 99 - 22 - 30 E

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	+36.375 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	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 29 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	37.48	37.77	37.61	37.65	37.69	37.59	37.59	37.93	37.60	37.52	37.52	37.53	
2	37.48	38.18	37.60	37.82	37.68	37.58	37.59	37.75	37.60	37.52	37.52	37.52	
3	37.48	38.05	37.60	38.03	37.66	37.58	37.61	37.68	37.60	37.51	37.52	37.51	
4	37.48	38.01	37.60	38.05	37.65	37.57	37.63	37.66	37.59	37.51	37.52	37.51	
5	37.48	37.91	37.59	38.08	37.62	37.57	37.64	37.64	37.58	37.51	37.51	37.50	
6	37.47	37.87	37.59	38.11	37.66	37.56	37.61	37.62	37.57	37.51	37.51	37.50	
7	37.47	37.84	37.59	38.06	37.69	37.55	37.61	37.59	37.56	37.50	37.51	37.54	
8	37.47	37.83	37.60	38.02	37.73	37.55	37.63	37.58	37.55	37.50	37.51	37.68	
9	37.47	37.81	37.61	37.99	37.78	37.56	37.64	37.55	37.54	37.50	37.51	37.71	
10	37.47	37.80	37.61	37.96	37.77	37.57	37.66	37.53	37.54	37.50	37.51	37.64	
11	37.47	37.75	37.60	37.92	37.75	37.56	37.66	37.53	37.54	37.50	37.51	37.66	
12	37.47	37.73	37.60	37.88	37.72	37.56	37.67	37.55	37.53	37.50	37.51	37.65	
13	37.51	37.76	37.59	37.87	37.70	37.55	37.67	37.64	37.52	37.50	37.50	37.63	
14	37.76	37.79	37.58	37.85	37.70	37.54	37.69	38.12	37.52	37.50	37.50	37.62	
15	37.63	37.81	37.58	37.82	37.68	37.54	37.72	37.95	37.55	37.50	37.50	37.60	
16	37.58	37.79	37.60	37.81	37.69	37.53	37.77	37.87	37.54	37.50	37.50	37.59	
17	37.56	37.77	37.60	37.79	37.68	37.53	37.75	37.92	37.53	37.50	37.50	37.58	
18	37.55	37.78	37.61	37.78	37.67	37.52	37.73	37.94	37.52	37.50	37.49	37.57	
19	37.54	37.77	37.62	37.77	37.64	37.52	37.75	37.80	37.51	37.50	37.49	37.57	
20	37.52	37.75	37.62	37.81	37.63	37.54	37.79	37.68	37.50	37.50	37.49	37.56	
21	37.52	37.75	37.62	37.74	37.62	37.57	37.80	37.69	37.50	37.50	37.49	37.55	
22	37.52	37.73	37.61	37.71	37.62	37.61	37.81	37.68	37.50	37.50	37.49	37.54	
23	37.52	37.72	37.61	37.69	37.61	37.64	37.80	37.67	37.49	37.50	37.50	37.54	
24	37.52	37.71	37.63	37.65	37.60	37.63	37.83	37.66	37.49	37.50	37.51	37.54	
25	37.53	37.70	37.63	37.62	37.59	37.62	38.26	37.65	37.49	37.50	37.49	37.57	
26	37.53	37.67	37.63	37.64	37.59	37.62	38.03	37.65	37.50	37.50	37.52	37.55	
27	37.54	37.67	37.62	37.63	37.58	37.60	38.23	37.64	37.50	37.50	37.54	37.54	
28	37.54	37.65	37.62	37.61	37.57	37.62	38.21	37.63	37.51	37.50	37.62	37.53	
29	37.54	37.63	37.62	37.58	37.56	37.64	38.17	37.63	37.52	37.50	37.57	37.53	
30	37.62	37.62	37.63	37.65	37.59	37.66	38.13	37.61	37.53	37.50		37.52	
31		37.61		37.73	37.59		38.06		37.52	37.50		37.51	
Mean	37.52	37.78	37.61	37.82	37.66	37.58	37.80	37.70	37.53	37.50	37.51	37.57	
Max	37.76	38.18	37.63	38.11	37.78	37.66	38.26	38.12	37.60	37.52	37.62	37.71	38.26
Min	37.47	37.61	37.58	37.58	37.56	37.52	37.59	37.53	37.49	37.50	37.49	37.50	37.47
Annual Max Momentary Gage Height	38.38		m. (MSL.) ,				at 18.00 Hours ,						on Oct 25, 2007
Zero Gage at Bottom Elevation	36.38		m. (MSL.) ,			River Bed	37.17	m. (MSL.)					
Left Bank Elevation		44.25		m. (MSL.) ,									
Right Bank Elevation		45.35		m. (MSL.) ,		Drainage Are	61	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	2.17	0.68	1.00	1.32	0.54	0.54	4.44	0.60	0.12	0.12	0.18	
2	0.00	10.42	0.60	2.78	1.24	0.48	0.54	1.95	0.60	0.12	0.12	0.12	
3	0.00	6.90	0.60	6.42	1.08	0.48	0.68	1.24	0.60	0.06	0.12	0.06	
4	0.00	5.94	0.60	6.90	1.00	0.42	0.84	1.08	0.54	0.06	0.12	0.06	
5	0.00	4.08	0.54	7.62	0.76	0.42	0.92	0.92	0.48	0.06	0.06	0.00	
6	0.00	3.48	0.54	8.39	1.08	0.36	0.68	0.76	0.42	0.06	0.06	0.00	
7	0.00	3.06	0.54	7.14	1.32	0.30	0.68	0.54	0.36	0.00	0.06	0.24	
8	0.00	2.92	0.60	6.18	1.73	0.30	0.84	0.48	0.30	0.00	0.06	1.24	
9	0.00	2.64	0.68	5.52	2.28	0.36	0.92	0.30	0.24	0.00	0.06	1.51	
10	0.00	2.50	0.68	4.98	2.17	0.42	1.08	0.18	0.24	0.00	0.06	0.92	
11	0.00	1.95	0.60	4.26	1.95	0.36	1.08	0.18	0.24	0.00	0.06	1.08	
12	0.00	1.73	0.60	3.62	1.62	0.36	1.16	0.30	0.18	0.00	0.06	1.00	
13	0.06	2.06	0.54	3.48	1.40	0.30	1.16	0.92	0.12	0.00	0.00	0.84	
14	2.06	2.39	0.48	3.20	1.40	0.24	1.32	8.68	0.12	0.00	0.00	0.76	
15	0.84	2.64	0.48	2.78	1.24	0.24	1.62	4.80	0.30	0.00	0.00	0.60	
16	0.48	2.39	0.60	2.64	1.32	0.18	2.17	3.48	0.24	0.00	0.00	0.54	
17	0.36	2.17	0.60	2.39	1.24	0.18	1.95	4.26	0.18	0.00	0.00	0.48	
18	0.30	2.28	0.68	2.28	1.16	0.12	1.73	4.62	0.12	0.00	0.00	0.42	
19	0.24	2.17	0.76	2.17	0.92	0.12	1.95	2.50	0.06	0.00	0.00	0.42	
20	0.12	1.95	0.76	2.64	0.84	0.24	2.39	1.24	0.00	0.00	0.00	0.36	
21	0.12	1.95	0.76	1.84	0.76	0.42	2.50	1.32	0.00	0.00	0.00	0.30	
22	0.12	1.73	0.68	1.51	0.76	0.68	2.64	1.24	0.00	0.00	0.00	0.24	
23	0.12	1.62	0.68	1.32	0.68	0.92	2.50	1.16	0.00	0.00	0.00	0.24	
24	0.12	1.51	0.84	1.00	0.60	0.84	2.92	1.08	0.00	0.00	0.06	0.24	
25	0.18	1.40	0.84	0.76	0.54	0.76	13.22	1.00	0.00	0.00	0.00	0.42	
26	0.18	1.16	0.84	0.92	0.54	0.76	6.42	1.00	0.00	0.00	0.12	0.30	
27	0.24	1.16	0.76	0.84	0.48	0.60	12.11	0.92	0.00	0.00	0.24	0.24	
28	0.24	1.00	0.76	0.68	0.42	0.76	11.37	0.84	0.06	0.00	0.76	0.18	
29	0.24	0.84	0.76	0.48	0.36	0.92	10.13	0.84	0.12	0.00	0.42	0.18	
30	0.76	0.76	0.84	1.00	0.54	1.08	8.97	0.68	0.18	0.00	0.00	0.12	
31		0.68		1.73	0.54		7.14		0.12	0.00		0.06	
Total	6.78	79.65	19.92	98.47	33.29	14.16	104.17	52.95	6.42	0.48	2.56	13.35	432.20 CMSDAY
Mean	0.23	2.57	0.66	3.18	1.07	0.47	3.36	1.77	0.21	0.02	0.09	0.43	1.18 CMS
Max	2.06	10.42	0.84	8.39	2.28	1.08	13.22	8.68	0.60	0.12	0.76	1.51	13.22 CMS
Min	0.00	0.68	0.48	0.48	0.36	0.12	0.54	0.18	0.00	0.00	0.00	0.00	0.00 CMS
Runoff	0.59	6.88	1.72	8.51	2.88	1.22	9.00	4.57	0.55	0.04	0.22	1.15	37.34 MCM
Momentary Peak	18.46	CMS. at 38.38 m. (MSL.) at 18.00 Hours , on Oct 25, 2007											
Runoff Yield	19.41	Liters/Second/Square KM. Momentary Peak Yield 302.62 Liters/Second/Square KM.											

WATER YEAR : 2007

WEST COAST - GULF BASIN

Huai Sai at Ban Suan Son Huai Sai , Prachuap Khiri Khan (Gt.15)

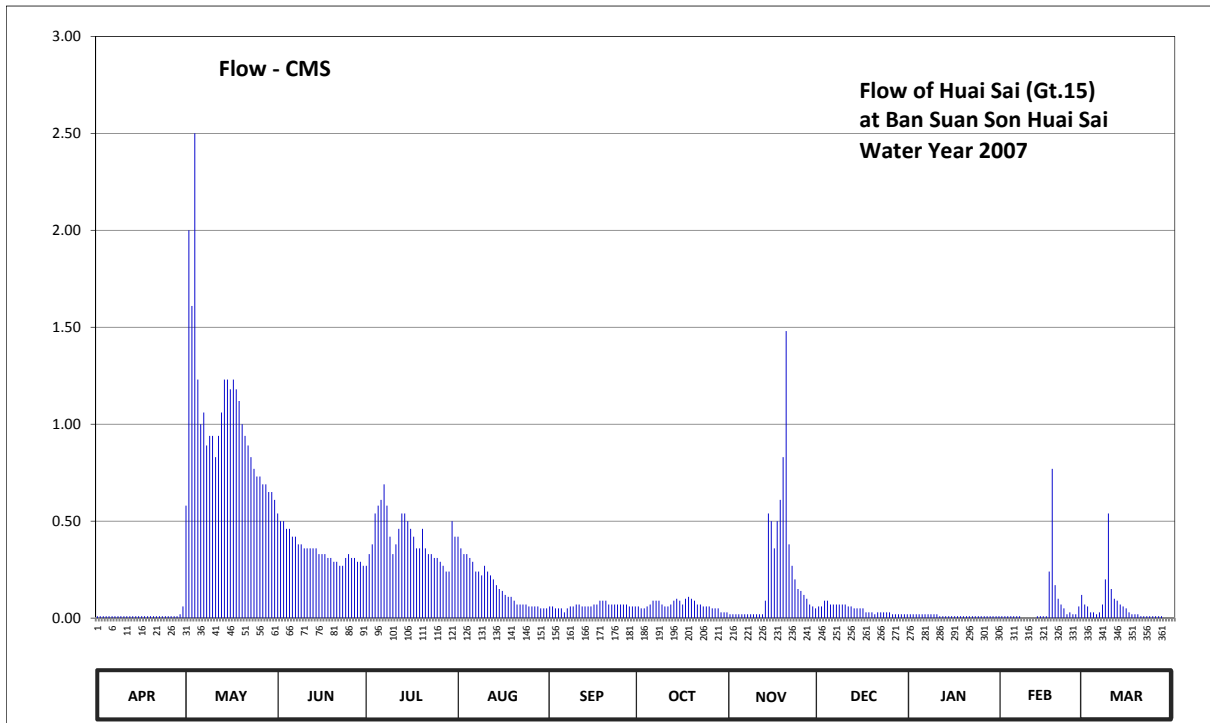
Lat 11 - 40 - 33 N Long 99 - 41 - 44 E

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 38 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.63	15.95	15.94	15.85	15.91	15.73	15.73	15.70	15.73	15.70	15.64	15.74	
2	15.63	16.20	15.93	15.88	15.89	15.73	15.72	15.70	15.73	15.70	15.64	15.73	
3	15.63	16.14	15.93	15.90	15.88	15.72	15.72	15.70	15.75	15.70	15.64	15.71	
4	15.63	16.25	15.92	15.94	15.88	15.72	15.73	15.70	15.75	15.69	15.63	15.71	
5	15.63	16.08	15.92	15.95	15.87	15.72	15.74	15.70	15.74	15.69	15.63	15.70	
6	15.63	16.04	15.91	15.96	15.86	15.71	15.75	15.70	15.74	15.69	15.63	15.71	
7	15.63	16.05	15.91	15.98	15.84	15.72	15.75	15.70	15.74	15.69	15.63	15.74	
8	15.63	16.02	15.90	15.95	15.84	15.73	15.75	15.70	15.74	15.68	15.62	15.82	
9	15.63	16.03	15.90	15.91	15.83	15.73	15.74	15.69	15.74	15.68	15.62	15.94	
10	15.63	16.03	15.89	15.88	15.85	15.74	15.73	15.69	15.74	15.68	15.62	15.80	
11	15.63	16.01	15.89	15.90	15.84	15.74	15.73	15.68	15.73	15.67	15.62	15.76	
12	15.63	16.03	15.89	15.92	15.83	15.73	15.74	15.69	15.73	15.67	15.62	15.75	
13	15.63	16.05	15.89	15.94	15.82	15.73	15.75	15.75	15.72	15.67	15.63	15.74	
14	15.63	16.08	15.89	15.94	15.81	15.73	15.76	15.94	15.72	15.67	15.64	15.73	
15	15.63	16.08	15.88	15.93	15.80	15.73	15.75	15.93	15.72	15.66	15.66	15.72	
16	15.63	16.07	15.88	15.92	15.79	15.74	15.74	15.89	15.72	15.66	15.67	15.71	
17	15.63	16.08	15.88	15.91	15.78	15.74	15.76	15.93	15.71	15.66	15.84	15.70	
18	15.63	16.07	15.87	15.89	15.77	15.75	15.77	15.96	15.71	15.66	16.00	15.69	
19	15.63	16.06	15.87	15.89	15.77	15.75	15.76	16.01	15.71	15.65	15.81	15.68	
20	15.63	16.04	15.86	15.92	15.75	15.75	15.75	16.12	15.70	15.65	15.76	15.66	
21	15.63	16.03	15.86	15.89	15.74	15.74	15.74	15.90	15.71	15.66	15.74	15.65	
22	15.63	16.02	15.85	15.88	15.74	15.74	15.74	15.85	15.71	15.65	15.72	15.65	
23	15.63	16.01	15.85	15.88	15.74	15.74	15.73	15.82	15.71	15.65	15.70	15.64	
24	15.63	16.00	15.87	15.87	15.74	15.74	15.73	15.80	15.71	15.65	15.71	15.64	
25	15.63	15.99	15.88	15.87	15.73	15.74	15.73	15.79	15.71	15.65	15.70	15.64	
26	15.63	15.99	15.87	15.86	15.73	15.74	15.72	15.78	15.70	15.65	15.70	15.63	
27	15.63	15.98	15.87	15.85	15.73	15.74	15.72	15.76	15.70	15.65	15.73	15.63	
28	15.63	15.98	15.86	15.84	15.73	15.73	15.72	15.74	15.70	15.65	15.78	15.62	
29	15.68	15.97	15.86	15.84	15.72	15.73	15.71	15.73	15.70	15.65	15.76	15.62	
30	15.73	15.97	15.85	15.93	15.72	15.73	15.71	15.72	15.70	15.65		15.62	
31		15.96		15.91	15.72		15.71		15.70	15.65		15.62	
Mean	15.63	16.04	15.89	15.90	15.80	15.73	15.74	15.79	15.72	15.67	15.69	15.70	
Max	15.73	16.25	15.94	15.98	15.91	15.75	15.77	16.12	15.75	15.70	16.00	15.94	16.25
Min	15.63	15.95	15.85	15.84	15.72	15.71	15.71	15.68	15.70	15.65	15.62	15.62	15.62
Annual Max Momentary Gage Height	16.33	m. (MSL.) ,		at 09.00 Hours , on May 4, 2007									
Zero Gage at Bottom Elevation	15.86	m. (MSL.) ,		River Bed 15.53 m. (MSL.)									
Left Bank Elevation	21.87	m. (MSL.) ,											
Right Bank Elevation	19.15	m. (MSL.) ,		Drainage Area 25 Square Kilometers									



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	0.58	0.54	0.27	0.42	0.06	0.06	0.02	0.06	0.02	0.01	0.07	
2	0.01	2.00	0.50	0.33	0.36	0.06	0.05	0.02	0.06	0.02	0.01	0.06	
3	0.01	1.61	0.50	0.38	0.33	0.05	0.05	0.02	0.09	0.02	0.01	0.03	
4	0.01	2.50	0.46	0.54	0.33	0.05	0.06	0.02	0.09	0.02	0.01	0.03	
5	0.01	1.23	0.46	0.58	0.31	0.05	0.07	0.02	0.07	0.02	0.01	0.02	
6	0.01	1.00	0.42	0.61	0.29	0.03	0.09	0.02	0.07	0.02	0.01	0.03	
7	0.01	1.06	0.42	0.69	0.24	0.05	0.09	0.02	0.07	0.02	0.01	0.07	
8	0.01	0.89	0.38	0.58	0.24	0.06	0.09	0.02	0.07	0.02	0.00	0.20	
9	0.01	0.94	0.38	0.42	0.22	0.06	0.07	0.02	0.07	0.02	0.00	0.54	
10	0.01	0.94	0.36	0.33	0.27	0.07	0.06	0.02	0.07	0.02	0.00	0.15	
11	0.01	0.83	0.36	0.38	0.24	0.07	0.06	0.02	0.06	0.01	0.00	0.10	
12	0.01	0.94	0.36	0.46	0.22	0.06	0.07	0.02	0.06	0.01	0.00	0.09	
13	0.01	1.06	0.36	0.54	0.20	0.06	0.09	0.09	0.05	0.01	0.01	0.07	
14	0.01	1.23	0.36	0.54	0.17	0.06	0.10	0.54	0.05	0.01	0.01	0.06	
15	0.01	1.23	0.33	0.50	0.15	0.06	0.09	0.50	0.05	0.01	0.01	0.05	
16	0.01	1.18	0.33	0.46	0.14	0.07	0.07	0.36	0.05	0.01	0.01	0.03	
17	0.01	1.23	0.33	0.42	0.12	0.07	0.10	0.50	0.03	0.01	0.24	0.02	
18	0.01	1.18	0.31	0.36	0.11	0.09	0.11	0.61	0.03	0.01	0.77	0.02	
19	0.01	1.12	0.31	0.36	0.11	0.09	0.10	0.83	0.03	0.01	0.17	0.02	
20	0.01	1.00	0.29	0.46	0.09	0.09	0.09	1.48	0.02	0.01	0.10	0.01	
21	0.01	0.94	0.29	0.36	0.07	0.07	0.07	0.38	0.03	0.01	0.07	0.01	
22	0.01	0.89	0.27	0.33	0.07	0.07	0.07	0.27	0.03	0.01	0.05	0.01	
23	0.01	0.83	0.27	0.33	0.07	0.07	0.06	0.20	0.03	0.01	0.02	0.01	
24	0.01	0.77	0.31	0.31	0.07	0.07	0.06	0.15	0.03	0.01	0.03	0.01	
25	0.01	0.73	0.33	0.31	0.06	0.07	0.06	0.14	0.03	0.01	0.02	0.01	
26	0.01	0.73	0.31	0.29	0.06	0.07	0.05	0.12	0.02	0.01	0.02	0.01	
27	0.01	0.69	0.31	0.27	0.06	0.07	0.05	0.10	0.02	0.01	0.06	0.01	
28	0.01	0.69	0.29	0.24	0.06	0.06	0.05	0.07	0.02	0.01	0.12	0.00	
29	0.02	0.65	0.29	0.24	0.05	0.06	0.03	0.06	0.02	0.01	0.10	0.00	
30	0.06	0.65	0.27	0.50	0.05	0.06	0.03	0.05	0.02	0.01		0.00	
31		0.61		0.42	0.05		0.03		0.02	0.01		0.00	
Total	0.36	31.93	10.70	12.81	5.23	1.93	2.13	6.69	1.42	0.41	1.88	1.74	77.23 CMSDAY
Mean	0.01	1.03	0.36	0.41	0.17	0.06	0.07	0.22	0.05	0.01	0.06	0.06	0.21 CMS
Max	0.06	2.50	0.54	0.69	0.42	0.09	0.11	1.48	0.09	0.02	0.77	0.54	2.50 CMS
Min	0.01	0.58	0.27	0.24	0.05	0.03	0.03	0.02	0.02	0.01	0.00	0.00	0.00 CMS
Runoff	0.03	2.76	0.92	1.11	0.45	0.17	0.18	0.58	0.12	0.04	0.16	0.15	6.67 MCM
Momentary Peak	3.54	CMS. at 16.33 m. (MSL.) at 09.00 Hours , on May 4, 2007											
Runoff Yield	8.46	Liters/Second/Square KM.		Momentary Peak Yield		141.60	Liters/Second/Square KM.						

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Hin Chuang at Ban Hin Chuang , Prachuap Khiri Khan (Gt.16)

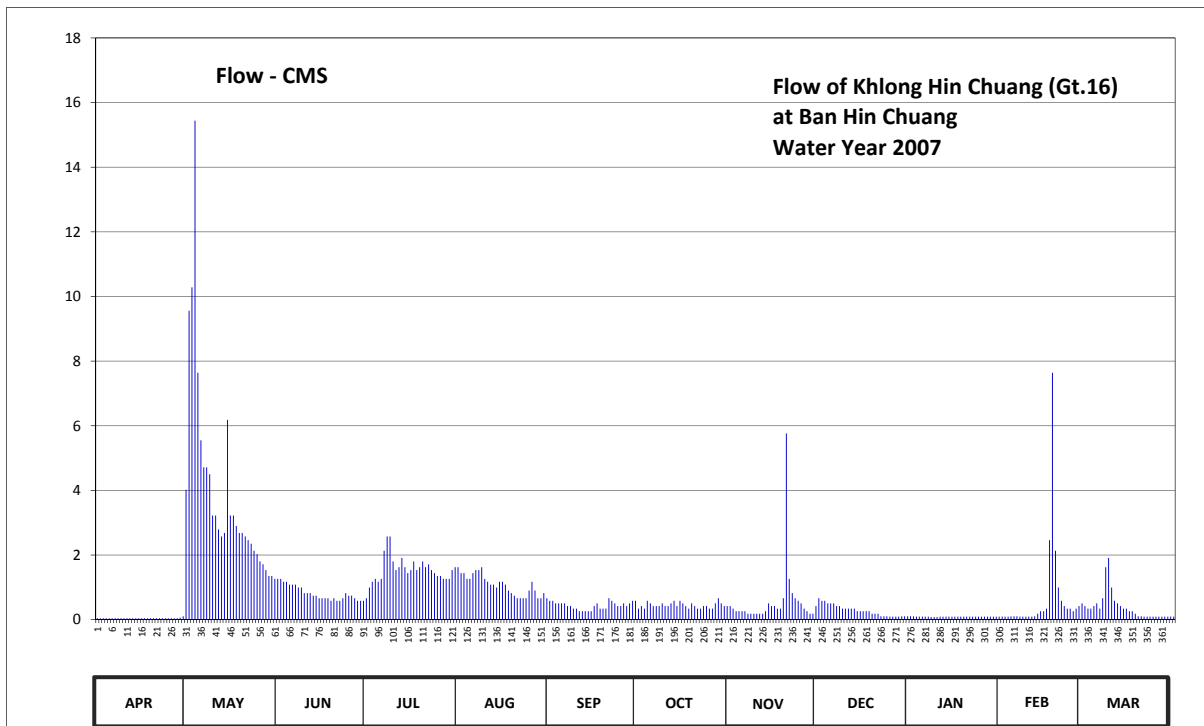
Lat 11 - 39 - 57 N Long 99 - 41 - 18 E

Location : on right bank at the abutment of the bridge.

	Ban Hin Chuang	Amphoe Mueang	Changwat Prachuap Khiri Khan
Drainage Area	48 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+10.870 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank at the abutment of the bridge.	Elevation	+17.808 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. Stage-discharge relation defined by 34 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

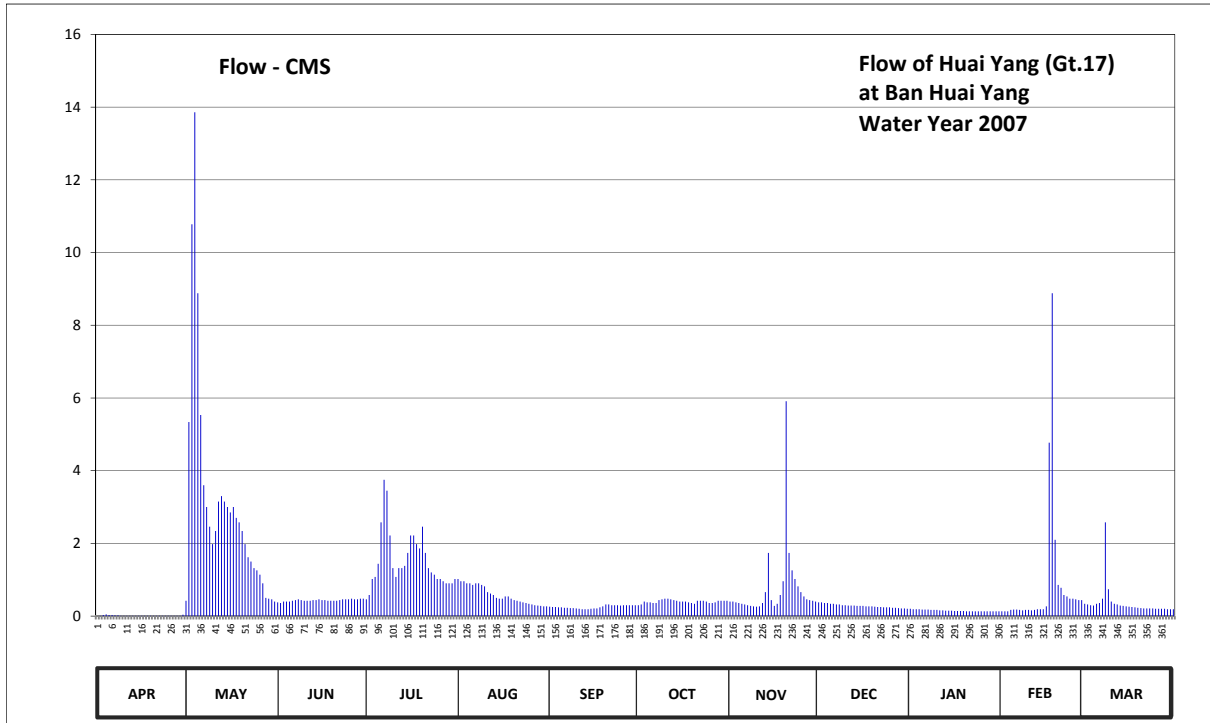
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.54	11.97	11.74	11.67	11.78	11.66	11.63	11.64	11.67	11.60	11.59	11.64	
2	11.54	12.21	11.74	11.71	11.76	11.66	11.64	11.63	11.66	11.60	11.59	11.63	
3	11.54	12.23	11.73	11.73	11.76	11.65	11.63	11.62	11.66	11.59	11.59	11.63	
4	11.54	12.36	11.73	11.74	11.74	11.65	11.66	11.62	11.65	11.59	11.60	11.64	
5	11.54	12.14	11.72	11.73	11.74	11.65	11.65	11.62	11.65	11.59	11.60	11.65	
6	11.54	12.05	11.72	11.74	11.76	11.65	11.64	11.62	11.65	11.59	11.60	11.63	
7	11.54	12.01	11.72	11.83	11.77	11.64	11.64	11.61	11.64	11.59	11.59	11.67	
8	11.54	12.01	11.71	11.87	11.77	11.64	11.64	11.61	11.64	11.58	11.59	11.78	
9	11.54	12.00	11.71	11.87	11.78	11.63	11.65	11.61	11.63	11.58	11.59	11.81	
10	11.54	11.92	11.69	11.80	11.74	11.63	11.64	11.61	11.63	11.58	11.59	11.71	
11	11.54	11.92	11.69	11.77	11.73	11.62	11.64	11.61	11.63	11.59	11.59	11.66	
12	11.54	11.89	11.69	11.78	11.72	11.62	11.65	11.61	11.63	11.59	11.60	11.65	
13	11.54	11.87	11.68	11.81	11.72	11.62	11.66	11.62	11.63	11.59	11.61	11.64	
14	11.54	11.88	11.68	11.78	11.71	11.62	11.64	11.65	11.62	11.59	11.62	11.63	
15	11.54	12.08	11.67	11.76	11.73	11.62	11.66	11.64	11.62	11.59	11.62	11.63	
16	11.54	11.92	11.67	11.77	11.73	11.64	11.65	11.64	11.62	11.59	11.63	11.62	
17	11.54	11.92	11.67	11.80	11.72	11.65	11.64	11.63	11.62	11.59	11.86	11.62	
18	11.54	11.90	11.67	11.77	11.70	11.63	11.63	11.63	11.62	11.59	12.14	11.61	
19	11.54	11.88	11.66	11.78	11.69	11.63	11.65	11.67	11.61	11.59	11.83	11.60	
20	11.54	11.88	11.67	11.80	11.68	11.63	11.64	12.06	11.61	11.59	11.71	11.60	
21	11.54	11.87	11.66	11.78	11.67	11.67	11.63	11.74	11.61	11.59	11.66	11.59	
22	11.54	11.86	11.66	11.79	11.67	11.66	11.63	11.69	11.60	11.59	11.64	11.59	
23	11.54	11.85	11.67	11.77	11.67	11.65	11.64	11.67	11.60	11.59	11.63	11.59	
24	11.54	11.83	11.69	11.76	11.67	11.64	11.64	11.66	11.60	11.59	11.63	11.59	
25	11.54	11.82	11.68	11.75	11.70	11.64	11.63	11.65	11.59	11.59	11.62	11.59	
26	11.54	11.80	11.68	11.75	11.73	11.65	11.63	11.63	11.59	11.59	11.63	11.59	
27	11.54	11.79	11.67	11.74	11.70	11.64	11.65	11.62	11.59	11.59	11.64	11.59	
28	11.54	11.77	11.66	11.74	11.67	11.65	11.67	11.61	11.59	11.59	11.65	11.59	
29	11.56	11.75	11.66	11.74	11.67	11.66	11.65	11.61	11.60	11.59	11.64	11.59	
30	11.60	11.75	11.66	11.77	11.69	11.66	11.64	11.64	11.60	11.59	11.59	11.59	
31		11.74		11.78	11.67		11.64		11.60	11.59		11.59	
Mean	11.54	11.93	11.69	11.77	11.72	11.64	11.64	11.65	11.62	11.59	11.65	11.63	
Max	11.60	12.36	11.74	11.87	11.78	11.67	11.67	12.06	11.67	11.60	12.14	11.81	12.36
Min	11.54	11.74	11.66	11.67	11.67	11.62	11.63	11.61	11.59	11.58	11.59	11.59	11.54
Annual Max Momentary Gage Height	12.49		m. (MSL.) ,										
Zero Gage at Bottom Elevation	10.87		m. (MSL.) ,			River Bed	11.18	m. (MSL.)					
Left Bank Elevation		14.37	m. (MSL.) ,										
Right Bank Elevation		14.37	m. (MSL.) ,			Drainage Are	48	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.04	4.02	1.26	0.66	1.62	0.58	0.34	0.42	0.66	0.10	0.09	0.42		
2	0.04	9.56	1.26	0.99	1.44	0.58	0.42	0.34	0.58	0.10	0.09	0.34		
3	0.04	10.28	1.17	1.17	1.44	0.50	0.34	0.26	0.58	0.09	0.09	0.34		
4	0.04	15.44	1.17	1.26	1.26	0.50	0.58	0.26	0.50	0.09	0.10	0.42		
5	0.04	7.64	1.08	1.17	1.26	0.50	0.50	0.26	0.50	0.09	0.10	0.50		
6	0.04	5.55	1.08	1.26	1.44	0.50	0.42	0.26	0.50	0.09	0.10	0.34		
7	0.04	4.71	1.08	2.13	1.53	0.42	0.42	0.18	0.42	0.09	0.09	0.66		
8	0.04	4.71	0.99	2.57	1.53	0.42	0.42	0.18	0.42	0.08	0.09	1.62		
9	0.04	4.50	0.99	2.57	1.62	0.34	0.50	0.18	0.34	0.08	0.09	1.91		
10	0.04	3.22	0.82	1.80	1.26	0.34	0.42	0.18	0.34	0.08	0.09	0.99		
11	0.04	3.22	0.82	1.53	1.17	0.26	0.42	0.18	0.34	0.09	0.09	0.58		
12	0.04	2.79	0.82	1.62	1.08	0.26	0.50	0.18	0.34	0.09	0.10	0.50		
13	0.04	2.57	0.74	1.91	1.08	0.26	0.58	0.26	0.34	0.09	0.18	0.42		
14	0.04	2.68	0.74	1.62	0.99	0.26	0.42	0.50	0.26	0.09	0.26	0.34		
15	0.04	6.18	0.66	1.44	1.17	0.26	0.58	0.42	0.26	0.09	0.26	0.34		
16	0.04	3.22	0.66	1.53	1.17	0.42	0.50	0.42	0.26	0.09	0.34	0.26		
17	0.04	3.22	0.66	1.80	1.08	0.50	0.42	0.34	0.26	0.09	2.46	0.26		
18	0.04	2.90	0.66	1.53	0.90	0.34	0.34	0.34	0.26	0.09	7.64	0.18		
19	0.04	2.68	0.58	1.62	0.82	0.34	0.50	0.66	0.18	0.09	2.13	0.10		
20	0.04	2.68	0.66	1.80	0.74	0.34	0.42	5.76	0.18	0.09	0.99	0.10		
21	0.04	2.57	0.58	1.62	0.66	0.66	0.34	1.26	0.18	0.09	0.58	0.09		
22	0.04	2.46	0.58	1.71	0.66	0.58	0.34	0.82	0.10	0.09	0.42	0.09		
23	0.04	2.35	0.66	1.53	0.66	0.50	0.42	0.66	0.10	0.09	0.34	0.09		
24	0.04	2.13	0.82	1.44	0.66	0.42	0.42	0.58	0.10	0.09	0.34	0.09		
25	0.04	2.02	0.74	1.35	0.90	0.42	0.34	0.50	0.09	0.09	0.26	0.09		
26	0.04	1.80	0.74	1.35	1.17	0.50	0.34	0.34	0.09	0.09	0.34	0.09		
27	0.04	1.71	0.66	1.26	0.90	0.42	0.50	0.26	0.09	0.09	0.42	0.09		
28	0.04	1.53	0.58	1.26	0.66	0.50	0.66	0.18	0.09	0.09	0.50	0.09		
29	0.06	1.35	0.58	1.26	0.66	0.58	0.50	0.18	0.10	0.09	0.42	0.09		
30	0.10	1.35	0.58	1.53	0.82	0.58	0.42	0.42	0.10	0.09		0.09		
31		1.26		1.62	0.66		0.42		0.10	0.09		0.09		
Total	1.28	122.30	24.42	47.91	33.01	13.08	13.74	16.78	8.66	2.78	19.00	11.61	314.57 CMSDAY	
Mean	0.04	3.95	0.81	1.55	1.06	0.44	0.44	0.56	0.28	0.09	0.66	0.37	0.86 CMS	
Max	0.10	15.44	1.26	2.57	1.62	0.66	0.66	5.76	0.66	0.10	7.64	1.91	15.44 CMS	
Min	0.04	1.26	0.58	0.66	0.66	0.26	0.34	0.18	0.09	0.08	0.09	0.09	0.04 CMS	
Runoff	0.11	10.57	2.11	4.14	2.85	1.13	1.19	1.45	0.75	0.24	1.64	1.00	27.18 MCM	
Momentary Peak		22.78 CMS.		at 12.49 m. (MSL.)		at 12.00 Hours								
Runoff Yield		17.95		Liters/Second/Square KM.		Momentary Peak Yield		474.58		Liters/Second/Square KM.				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.42	0.38	0.46	1.02	0.26	0.30	0.40	0.38	0.20	0.13	0.34	
2	0.01	5.34	0.36	0.58	0.96	0.25	0.32	0.40	0.38	0.19	0.13	0.32	
3	0.03	10.78	0.40	1.02	0.96	0.25	0.40	0.38	0.36	0.19	0.13	0.30	
4	0.05	13.86	0.40	1.08	0.90	0.24	0.38	0.36	0.36	0.19	0.17	0.29	
5	0.03	8.88	0.40	1.44	0.90	0.24	0.38	0.34	0.34	0.18	0.18	0.34	
6	0.03	5.53	0.42	2.58	0.86	0.23	0.36	0.32	0.34	0.18	0.18	0.36	
7	0.02	3.60	0.44	3.75	0.90	0.23	0.36	0.30	0.32	0.18	0.17	0.48	
8	0.02	3.00	0.46	3.45	0.90	0.22	0.44	0.28	0.32	0.17	0.16	2.58	
9	0.01	2.46	0.44	2.22	0.86	0.22	0.46	0.27	0.30	0.17	0.17	0.74	
10	0.01	1.98	0.42	1.32	0.82	0.21	0.48	0.26	0.30	0.17	0.17	0.40	
11	0.01	2.34	0.42	1.08	0.66	0.20	0.48	0.27	0.29	0.16	0.16	0.34	
12	0.01	3.15	0.42	1.32	0.62	0.19	0.46	0.36	0.29	0.16	0.17	0.32	
13	0.01	3.30	0.44	1.32	0.58	0.19	0.44	0.66	0.29	0.15	0.19	0.29	
14	0.01	3.15	0.44	1.38	0.50	0.19	0.42	1.74	0.28	0.15	0.19	0.28	
15	0.01	3.00	0.46	1.74	0.48	0.20	0.40	0.44	0.28	0.15	0.19	0.27	
16	0.01	2.85	0.44	2.22	0.48	0.21	0.40	0.28	0.28	0.14	0.27	0.26	
17	0.01	3.00	0.44	2.22	0.54	0.21	0.40	0.34	0.27	0.14	4.77	0.25	
18	0.01	2.70	0.42	1.98	0.54	0.24	0.38	0.58	0.27	0.14	8.88	0.24	
19	0.01	2.58	0.42	1.86	0.48	0.27	0.36	0.96	0.27	0.14	2.10	0.23	
20	0.01	2.34	0.42	2.46	0.44	0.32	0.34	5.91	0.26	0.13	0.86	0.22	
21	0.01	1.98	0.42	1.74	0.42	0.32	0.42	1.74	0.25	0.13	0.78	0.21	
22	0.01	1.62	0.44	1.32	0.40	0.30	0.42	1.26	0.25	0.13	0.58	0.21	
23	0.01	1.50	0.46	1.20	0.38	0.30	0.42	1.02	0.24	0.13	0.54	0.21	
24	0.01	1.32	0.46	1.14	0.36	0.30	0.40	0.82	0.24	0.13	0.48	0.21	
25	0.01	1.26	0.46	1.02	0.34	0.29	0.36	0.66	0.24	0.13	0.48	0.20	
26	0.01	1.14	0.48	1.02	0.32	0.30	0.36	0.54	0.23	0.13	0.46	0.20	
27	0.01	0.90	0.46	0.96	0.30	0.30	0.38	0.46	0.23	0.13	0.44	0.20	
28	0.01	0.50	0.46	0.90	0.29	0.30	0.42	0.44	0.22	0.13	0.44	0.20	
29	0.01	0.48	0.48	0.90	0.28	0.30	0.42	0.42	0.21	0.13	0.40	0.19	
30	0.04	0.46	0.48	0.90	0.27	0.30	0.42	0.40	0.21	0.13		0.19	
31		0.40		1.02	0.27		0.42		0.20	0.13		0.19	
Total	0.44	95.82	13.04	47.60	18.03	7.58	12.40	22.61	8.70	4.71	23.97	11.06	265.96 CMSDAY
Mean	0.01	3.09	0.43	1.54	0.58	0.25	0.40	0.75	0.28	0.15	0.83	0.36	0.73 CMS
Max	0.05	13.86	0.48	3.75	1.02	0.32	0.48	5.91	0.38	0.20	8.88	2.58	13.86 CMS
Min	0.00	0.40	0.36	0.46	0.27	0.19	0.30	0.26	0.20	0.13	0.13	0.19	0.00 CMS
Runoff	0.04	8.28	1.13	4.11	1.56	0.65	1.07	1.95	0.75	0.41	2.07	0.96	22.98 MCM
Momentary Peak	18.05 CMS. at 2.41 m. (MSL.) at 06.00 Hours , on Feb 18, 2007												
Runoff Yield	15.18 Liters/Second/Square KM.			Momentary Peak Yield			376.04 Liters/Second/Square KM.						

WATER YEAR : 2007

WEST COAST - GULF BASIN

Khlong Cha Kra at Ban Cha Kra Bon , Prachuap Khiri Khan (Gt.18)

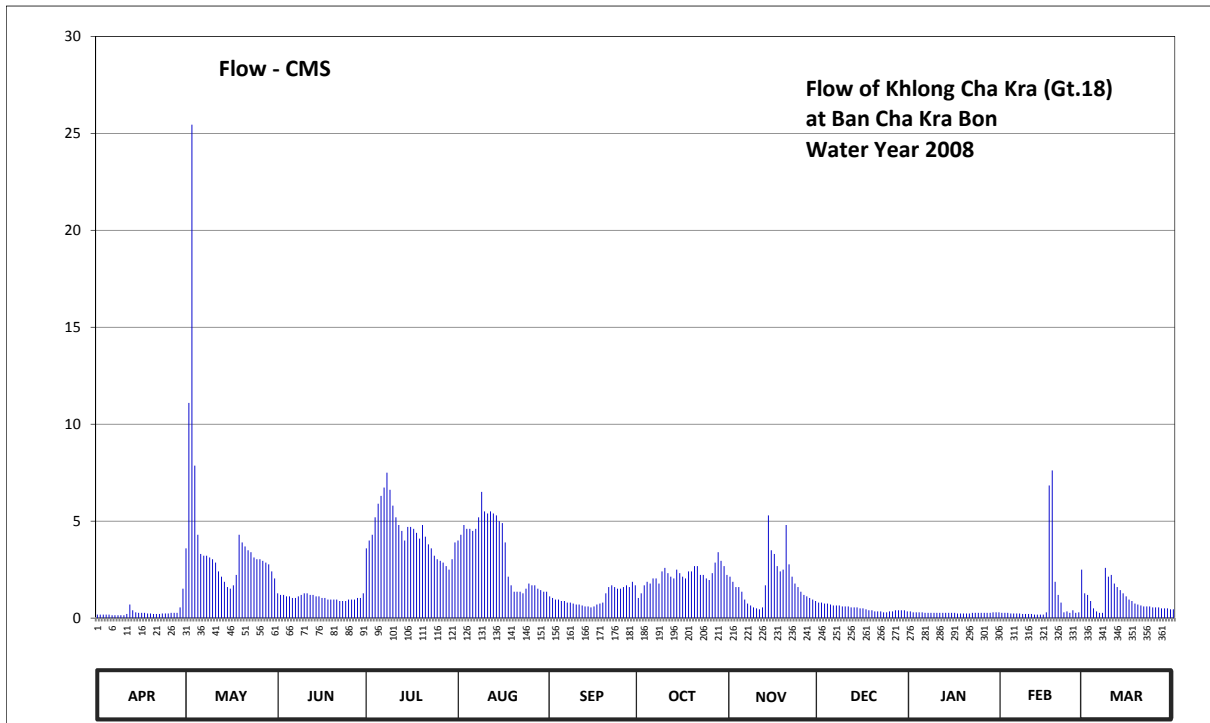
Lat 11 - 26 - 48 N Long 99 - 34 - 09 E

Location : on left bank at the bridge of Phet Kasem Highway.

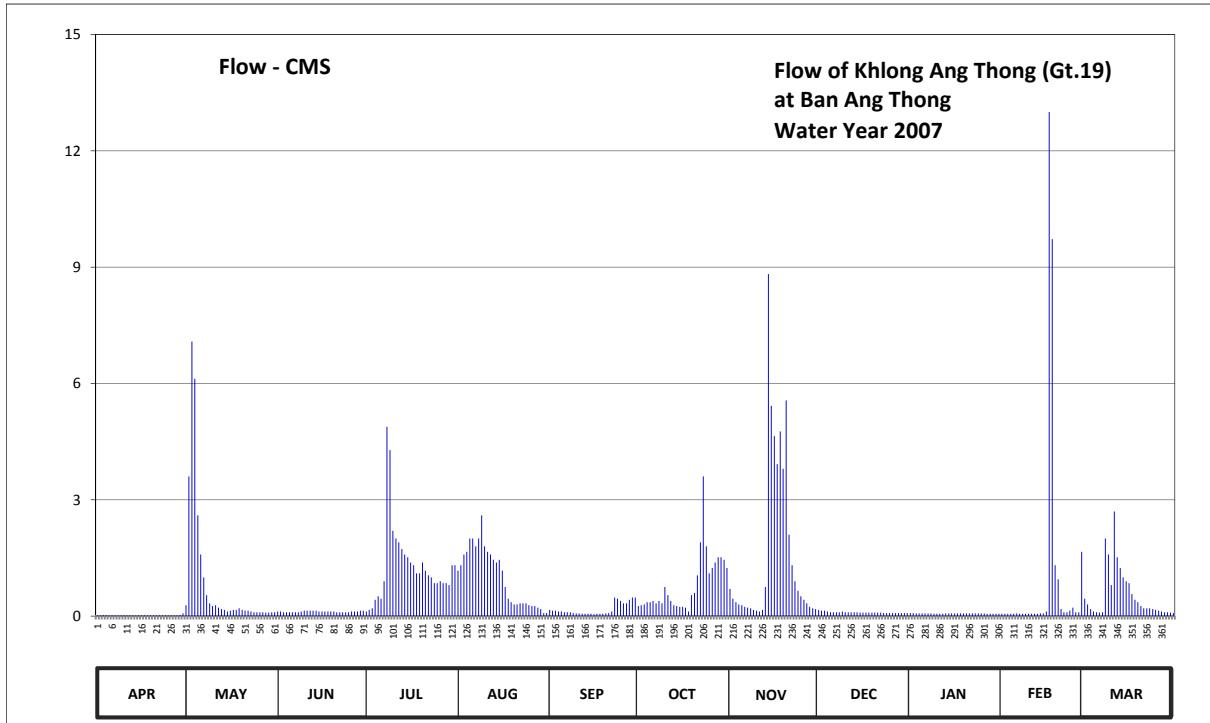
	Ban Cha Kra Bon	Amphoe Thap Sakae	Changwat Prachuap Khiri Khan
Drainage Area	88 sq.km.		
Type of Gage	Staff gage		
Zero Gage at Bottom	+11.715 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank at the abutment of the bridge.	Elevation	+17.588 m. (MSL.)
Gage Reading Frequency	5-time daily readings 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	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 33 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.66	13.12	12.86	13.12	13.16	12.84	12.83	12.96	12.80	12.71	12.69	12.86	
2	12.66	13.80	12.85	13.16	13.19	12.83	12.86	12.93	12.80	12.70	12.69	12.85	
3	12.66	14.81	12.85	13.19	13.24	12.82	12.91	12.90	12.79	12.70	12.69	12.81	
4	12.66	13.53	12.84	13.28	13.22	12.82	12.93	12.90	12.79	12.70	12.68	12.74	
5	12.66	13.19	12.84	13.35	13.22	12.81	12.92	12.87	12.78	12.70	12.68	12.71	
6	12.65	13.09	12.83	13.39	13.21	12.81	12.95	12.82	12.77	12.69	12.68	12.69	
7	12.65	13.08	12.83	13.43	13.22	12.80	12.95	12.79	12.77	12.69	12.68	12.69	
8	12.65	13.08	12.84	13.50	13.28	12.80	12.92	12.77	12.77	12.69	12.67	13.01	
9	12.65	13.07	12.85	13.42	13.41	12.79	12.99	12.75	12.76	12.69	12.67	12.96	
10	12.65	13.06	12.86	13.34	13.31	12.78	13.01	12.74	12.76	12.69	12.67	12.97	
11	12.67	13.04	12.86	13.28	13.30	12.78	12.98	12.73	12.76	12.69	12.67	12.92	
12	12.78	12.99	12.85	13.24	13.31	12.77	12.96	12.75	12.75	12.69	12.66	12.90	
13	12.72	12.96	12.85	13.21	13.30	12.76	12.95	12.91	12.75	12.69	12.66	12.88	
14	12.70	12.93	12.84	13.16	13.29	12.76	13.00	13.29	12.75	12.69	12.66	12.86	
15	12.69	12.90	12.84	13.23	13.26	12.75	12.98	13.11	12.74	12.69	12.66	12.84	
16	12.69	12.89	12.83	13.23	13.25	12.76	12.96	13.09	12.74	12.69	12.70	12.82	
17	12.69	12.91	12.83	13.22	13.15	12.78	12.95	13.02	12.73	12.68	13.44	12.81	
18	12.68	12.97	12.82	13.20	12.96	12.79	12.99	12.99	12.72	12.68	13.51	12.79	
19	12.68	13.19	12.82	13.17	12.91	12.80	12.99	13.00	12.72	12.68	12.93	12.78	
20	12.67	13.15	12.82	13.24	12.87	12.86	13.02	13.24	12.71	12.68	12.85	12.77	
21	12.67	13.13	12.82	13.18	12.87	12.90	13.02	13.03	12.71	12.68	12.80	12.76	
22	12.67	13.11	12.81	13.14	12.87	12.91	12.97	12.96	12.71	12.69	12.70	12.76	
23	12.68	13.10	12.81	13.12	12.86	12.90	12.97	12.92	12.70	12.69	12.71	12.76	
24	12.68	13.07	12.81	13.08	12.89	12.89	12.95	12.90	12.70	12.69	12.69	12.75	
25	12.68	13.06	12.82	13.06	12.92	12.89	12.94	12.87	12.71	12.69	12.72	12.75	
26	12.69	13.06	12.82	13.05	12.91	12.90	12.98	12.85	12.71	12.69	12.69	12.75	
27	12.69	13.05	12.82	13.04	12.91	12.91	13.04	12.84	12.72	12.69	12.70	12.74	
28	12.69	13.04	12.83	13.02	12.89	12.90	13.10	12.83	12.72	12.69	13.00	12.74	
29	12.75	13.03	12.83	13.00	12.88	12.93	13.05	12.82	12.72	12.70	12.91	12.74	
30	12.89	12.99	12.86	13.06	12.87	12.91	13.02	12.81	12.72	12.70		12.73	
31		12.95		13.15	12.87		12.97		12.71	12.70		12.73	
Mean	12.69	13.14	12.83	13.20	13.09	12.83	12.97	12.91	12.74	12.69	12.77	12.80	
Max	12.89	14.81	12.86	13.50	13.41	12.93	13.10	13.29	12.80	12.71	13.51	13.01	14.81
Min	12.65	12.89	12.81	13.00	12.86	12.75	12.83	12.73	12.70	12.68	12.66	12.69	12.65
Annual Max Momentary Gage Height	15.07		m. (MSL.) ,				at 15.00 Hours ,						on May 3, 2007
Zero Gage at Bottom Elevation	11.72		m. (MSL.) ,			River Bed	12.45	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, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	3.60	1.28	3.60	4.00	1.12	1.04	2.14	0.80	0.35	0.27	1.28	
2	0.18	11.10	1.20	4.00	4.30	1.04	1.28	1.87	0.80	0.30	0.27	1.20	
3	0.18	25.45	1.20	4.30	4.80	0.96	1.69	1.60	0.75	0.30	0.27	0.88	
4	0.18	7.86	1.12	5.20	4.60	0.96	1.87	1.60	0.75	0.30	0.24	0.50	
5	0.18	4.30	1.12	5.90	4.60	0.88	1.78	1.36	0.70	0.30	0.24	0.35	
6	0.15	3.31	1.04	6.30	4.50	0.88	2.05	0.96	0.65	0.27	0.24	0.27	
7	0.15	3.22	1.04	6.73	4.60	0.80	2.05	0.75	0.65	0.27	0.24	0.27	
8	0.15	3.22	1.12	7.50	5.20	0.80	1.78	0.65	0.65	0.27	0.21	2.59	
9	0.15	3.13	1.20	6.62	6.51	0.75	2.41	0.55	0.60	0.27	0.21	2.14	
10	0.15	3.04	1.28	5.80	5.50	0.70	2.59	0.50	0.60	0.27	0.21	2.23	
11	0.21	2.86	1.28	5.20	5.40	0.70	2.32	0.45	0.60	0.27	0.21	1.78	
12	0.70	2.41	1.20	4.80	5.50	0.65	2.14	0.55	0.55	0.27	0.18	1.60	
13	0.40	2.14	1.20	4.50	5.40	0.60	2.05	1.69	0.55	0.27	0.18	1.44	
14	0.30	1.87	1.12	4.00	5.30	0.60	2.50	5.30	0.55	0.27	0.18	1.28	
15	0.27	1.60	1.12	4.70	5.00	0.55	2.32	3.50	0.50	0.27	0.18	1.12	
16	0.27	1.52	1.04	4.70	4.90	0.60	2.14	3.31	0.50	0.27	0.30	0.96	
17	0.27	1.69	1.04	4.60	3.90	0.70	2.05	2.68	0.45	0.24	6.84	0.88	
18	0.24	2.23	0.96	4.40	2.14	0.75	2.41	2.41	0.40	0.24	7.62	0.75	
19	0.24	4.30	0.96	4.10	1.69	0.80	2.41	2.50	0.40	0.24	1.87	0.70	
20	0.21	3.90	0.96	4.80	1.36	1.28	2.68	4.80	0.35	0.24	1.20	0.65	
21	0.21	3.70	0.96	4.20	1.36	1.60	2.68	2.77	0.35	0.24	0.80	0.60	
22	0.21	3.50	0.88	3.80	1.36	1.69	2.23	2.14	0.35	0.27	0.30	0.60	
23	0.24	3.40	0.88	3.60	1.28	1.60	2.23	1.78	0.30	0.27	0.35	0.60	
24	0.24	3.13	0.88	3.22	1.52	1.52	2.05	1.60	0.30	0.27	0.27	0.55	
25	0.24	3.04	0.96	3.04	1.78	1.52	1.96	1.36	0.35	0.27	0.40	0.55	
26	0.27	3.04	0.96	2.95	1.69	1.60	2.32	1.20	0.35	0.27	0.27	0.55	
27	0.27	2.95	0.96	2.86	1.69	1.69	2.86	1.12	0.40	0.27	0.30	0.50	
28	0.27	2.86	1.04	2.68	1.52	1.60	3.40	1.04	0.40	0.27	2.50	0.50	
29	0.55	2.77	1.04	2.50	1.44	1.87	2.95	0.96	0.40	0.30	1.69	0.50	
30	1.52	2.41	1.28	3.04	1.36	1.69	2.68	0.88	0.40	0.30		0.45	
31		2.05		3.90	1.36		2.23		0.35	0.30		0.45	
Total	8.78	125.60	32.32	137.54	105.56	32.50	69.15	54.02	15.75	8.51	28.04	28.72	646.49 CMSDAY
Mean	0.29	4.05	1.08	4.44	3.41	1.08	2.23	1.80	0.51	0.27	0.97	0.93	1.77 CMS
Max	1.52	25.45	1.28	7.50	6.51	1.87	3.40	5.30	0.80	0.35	7.62	2.59	25.45 CMS
Min	0.15	1.52	0.88	2.50	1.28	0.55	1.04	0.45	0.30	0.24	0.18	0.27	0.15 CMS
Runoff	0.76	10.85	2.79	11.88	9.12	2.81	5.97	4.67	1.36	0.74	2.42	2.48	55.86 MCM
Momentary Peak	29.52	CMS. at 15.07 m. (MSL.) at 15.00 Hours , on May 3, 2007											
Runoff Yield	20.13	Liters/Second/Square KM.		Momentary Peak Yield		335.45	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	0.28	0.12	0.12	1.17	0.16	0.26	0.70	0.16	0.08	0.06	0.45	
2	0.02	3.60	0.12	0.16	1.31	0.14	0.28	0.45	0.14	0.08	0.06	0.30	
3	0.03	7.08	0.10	0.20	1.59	0.14	0.30	0.36	0.14	0.07	0.06	0.18	
4	0.03	6.12	0.10	0.42	1.66	0.12	0.36	0.30	0.12	0.07	0.06	0.12	
5	0.02	2.60	0.10	0.51	2.00	0.12	0.36	0.28	0.10	0.07	0.06	0.10	
6	0.02	1.59	0.10	0.45	2.00	0.10	0.39	0.24	0.10	0.07	0.07	0.09	
7	0.02	1.00	0.10	0.90	1.80	0.10	0.33	0.22	0.10	0.07	0.06	0.10	
8	0.02	0.54	0.10	4.88	2.00	0.10	0.39	0.20	0.10	0.07	0.06	2.00	
9	0.02	0.33	0.12	4.28	2.60	0.08	0.33	0.16	0.12	0.06	0.06	1.59	
10	0.02	0.26	0.14	2.20	1.80	0.07	0.75	0.14	0.10	0.06	0.06	0.80	
11	0.02	0.28	0.14	2.00	1.66	0.07	0.54	0.12	0.10	0.06	0.06	2.70	
12	0.02	0.22	0.14	1.90	1.59	0.06	0.39	0.16	0.10	0.06	0.06	1.52	
13	0.02	0.18	0.14	1.73	1.45	0.06	0.28	0.75	0.10	0.07	0.06	1.24	
14	0.02	0.16	0.14	1.59	1.38	0.06	0.26	8.82	0.10	0.07	0.07	1.00	
15	0.02	0.12	0.12	1.52	1.45	0.06	0.24	5.42	0.09	0.07	0.07	0.90	
16	0.02	0.14	0.12	1.38	1.17	0.05	0.24	4.64	0.09	0.07	0.12	0.85	
17	0.02	0.16	0.12	1.31	0.75	0.06	0.22	3.92	0.09	0.07	13.00	0.57	
18	0.02	0.16	0.12	1.10	0.45	0.06	0.12	4.76	0.09	0.07	9.72	0.42	
19	0.02	0.20	0.12	1.10	0.36	0.06	0.54	3.80	0.09	0.07	1.31	0.36	
20	0.02	0.16	0.12	1.38	0.30	0.07	0.60	5.56	0.09	0.07	0.95	0.26	
21	0.02	0.14	0.10	1.17	0.30	0.08	1.05	2.10	0.09	0.07	0.18	0.20	
22	0.02	0.14	0.10	1.05	0.33	0.12	1.90	1.31	0.09	0.07	0.10	0.20	
23	0.02	0.12	0.10	1.00	0.33	0.48	3.60	0.90	0.08	0.07	0.10	0.20	
24	0.02	0.10	0.10	0.85	0.33	0.45	1.80	0.65	0.08	0.07	0.14	0.18	
25	0.02	0.10	0.10	0.85	0.28	0.39	1.10	0.51	0.08	0.07	0.22	0.16	
26	0.02	0.10	0.12	0.90	0.26	0.33	1.24	0.42	0.08	0.07	0.10	0.14	
27	0.02	0.10	0.12	0.85	0.26	0.33	1.38	0.33	0.08	0.06	0.10	0.12	
28	0.02	0.09	0.12	0.85	0.22	0.42	1.52	0.24	0.08	0.06	1.66	0.10	
29	0.03	0.09	0.14	0.80	0.18	0.48	1.52	0.20	0.08	0.06	0.95	0.10	
30	0.07	0.10	0.14	1.31	0.08	0.48	1.45	0.18	0.08	0.06		0.09	
31		0.10		1.31	0.08		1.24		0.08	0.06		0.08	
Total	0.68	26.36	3.52	40.07	31.14	5.30	24.98	47.84	3.02	2.10	29.58	17.12	231.71 CMSDAY
Mean	0.02	0.85	0.12	1.29	1.00	0.18	0.81	1.59	0.10	0.07	1.02	0.55	0.63 CMS
Max	0.07	7.08	0.14	4.88	2.60	0.48	3.60	8.82	0.16	0.08	13.00	2.70	13.00 CMS
Min	0.02	0.09	0.10	0.12	0.08	0.05	0.12	0.12	0.08	0.06	0.06	0.08	0.02 CMS
Runoff	0.06	2.28	0.30	3.46	2.69	0.46	2.16	4.13	0.26	0.18	2.56	1.48	20.02 MCM
Momentary Peak	26.48 CMS. at 14.97 m. (MSL.) at 06.00 Hours , on Feb 18, 2007												
Runoff Yield	10.41 Liters/Second/Square KM.			Momentary Peak Yield 434.10 Liters/Second/Square KM.									

WATER YEAR : 2007

KUI BURI RIVER BASIN

Kui Buri River at Ban Thung Faek , Prachuap Khiri Khan (Ky.3)

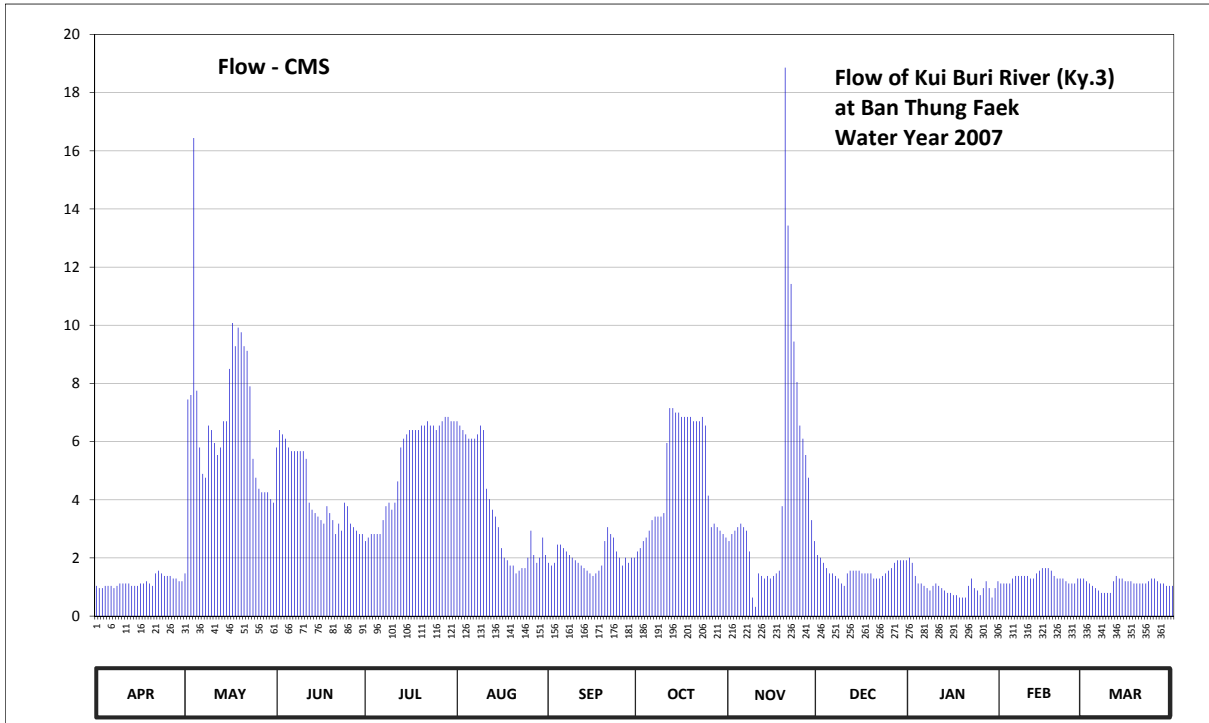
Lat 12 - 05 - 46 N Long 99 - 47 - 26 E

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	Stable.				
Overbank Flow Conditions	No overbank flow.				
General Description	Records good. Stage-discharge relation defined by 30 discharge measurements made in 2007.				

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.78	21.83	22.20	21.94	22.26	21.87	21.91	21.94	21.90	21.89	21.79	21.81	
2	21.77	22.31	22.24	21.95	22.25	21.86	21.92	21.96	21.89	21.87	21.79	21.80	
3	21.77	22.32	22.23	21.96	22.24	21.87	21.94	21.97	21.87	21.82	21.79	21.79	
4	21.78	22.82	22.22	21.96	22.23	21.93	21.95	21.98	21.85	21.79	21.79	21.78	
5	21.78	22.33	22.20	21.96	22.22	21.93	21.97	21.99	21.83	21.79	21.81	21.77	
6	21.78	22.20	22.19	21.96	22.22	21.92	22.00	21.98	21.83	21.78	21.82	21.76	
7	21.77	22.13	22.19	22.00	22.22	21.91	22.01	21.97	21.82	21.77	21.82	21.75	
8	21.78	22.12	22.19	22.04	22.23	21.90	22.01	21.91	21.81	21.76	21.82	21.75	
9	21.79	22.25	22.19	22.05	22.25	21.89	22.01	21.73	21.79	21.78	21.82	21.75	
10	21.79	22.24	22.19	22.03	22.24	21.88	22.02	21.68	21.78	21.79	21.82	21.75	
11	21.79	22.21	22.17	22.05	22.09	21.87	22.21	21.83	21.83	21.78	21.81	21.80	
12	21.79	22.18	22.05	22.11	22.06	21.86	22.29	21.82	21.84	21.77	21.81	21.82	
13	21.78	22.20	22.03	22.20	22.03	21.85	22.29	21.81	21.84	21.76	21.83	21.81	
14	21.78	22.26	22.02	22.22	22.01	21.84	22.28	21.82	21.84	21.75	21.84	21.81	
15	21.78	22.26	22.01	22.23	21.98	21.83	22.28	21.81	21.84	21.75	21.85	21.80	
16	21.79	22.38	22.00	22.24	21.92	21.82	22.27	21.82	21.83	21.74	21.85	21.80	
17	21.79	22.48	21.99	22.24	21.89	21.83	22.27	21.83	21.83	21.74	21.85	21.80	
18	21.80	22.43	22.04	22.24	21.88	21.84	22.27	21.84	21.83	21.73	21.84	21.79	
19	21.79	22.47	22.02	22.24	21.86	21.86	22.27	22.04	21.83	21.73	21.82	21.79	
20	21.78	22.46	22.00	22.25	21.86	21.94	22.26	22.93	21.81	21.73	21.81	21.79	
21	21.83	22.43	21.96	22.25	21.83	21.98	22.26	22.67	21.81	21.78	21.81	21.79	
22	21.84	22.42	21.99	22.26	21.84	21.96	22.26	22.56	21.81	21.81	21.81	21.79	
23	21.83	22.34	21.97	22.25	21.85	21.95	22.27	22.44	21.82	21.77	21.80	21.80	
24	21.82	22.17	22.05	22.25	21.85	21.91	22.25	22.35	21.83	21.76	21.79	21.81	
25	21.82	22.12	22.04	22.24	21.89	21.89	22.07	22.25	21.84	21.74	21.79	21.81	
26	21.82	22.09	21.99	22.25	21.97	21.86	21.98	22.22	21.85	21.77	21.79	21.80	
27	21.81	22.08	21.98	22.26	21.90	21.89	21.99	22.18	21.87	21.80	21.81	21.79	
28	21.81	22.08	21.97	22.27	21.87	21.87	21.98	22.12	21.88	21.77	21.81	21.79	
29	21.80	22.08	21.96	22.27	21.89	21.89	21.97	22.00	21.88	21.73	21.81	21.78	
30	21.80	22.06	21.96	22.26	21.95	21.89	21.96	21.94	21.88	21.77	21.79	21.78	
31		22.05		22.26	21.90		21.95		21.88	21.80		21.78	
Mean	21.79	22.25	22.07	22.15	22.02	21.89	22.11	22.05	21.84	21.77	21.81	21.79	
Max	21.84	22.82	22.24	22.27	22.26	21.98	22.29	22.93	21.90	21.89	21.85	21.82	22.93
Min	21.77	21.83	21.96	21.94	21.83	21.82	21.91	21.68	21.78	21.73	21.79	21.75	21.68
Annual Max Momentary Gage Height	23.66		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	19.79		m. (MSL.) ,			River Bed	21.48	m. (MSL.)					
Left Bank Elevation		24.25		m. (MSL.) ,									
Right Bank Elevation		24.60		m. (MSL.) ,		Drainage Are	537	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.04	1.47	5.80	2.58	6.70	1.83	2.22	2.58	2.10	2.01	1.12	1.29	
2	0.96	7.45	6.40	2.70	6.55	1.74	2.34	2.82	2.01	1.83	1.12	1.20	
3	0.96	7.60	6.25	2.82	6.40	1.83	2.58	2.94	1.83	1.38	1.12	1.12	
4	1.04	16.44	6.10	2.82	6.25	2.46	2.70	3.06	1.65	1.12	1.12	1.04	
5	1.04	7.75	5.80	2.82	6.10	2.46	2.94	3.18	1.47	1.12	1.29	0.96	
6	1.04	5.80	5.67	2.82	6.10	2.34	3.30	3.06	1.47	1.04	1.38	0.88	
7	0.96	4.89	5.67	3.30	6.10	2.22	3.42	2.94	1.38	0.96	1.38	0.80	
8	1.04	4.76	5.67	3.78	6.25	2.10	3.42	2.22	1.29	0.88	1.38	0.80	
9	1.12	6.55	5.67	3.90	6.55	2.01	3.42	0.64	1.12	1.04	1.38	0.80	
10	1.12	6.40	5.67	3.66	6.40	1.92	3.54	0.32	1.04	1.12	1.38	0.80	
11	1.12	5.95	5.41	3.90	4.38	1.83	5.95	1.47	1.47	1.04	1.29	1.20	
12	1.12	5.54	3.90	4.63	4.02	1.74	7.15	1.38	1.56	0.96	1.29	1.38	
13	1.04	5.80	3.66	5.80	3.66	1.65	7.15	1.29	1.56	0.88	1.47	1.29	
14	1.04	6.70	3.54	6.10	3.42	1.56	7.00	1.38	1.56	0.80	1.56	1.29	
15	1.04	6.70	3.42	6.25	3.06	1.47	7.00	1.29	1.56	0.80	1.65	1.20	
16	1.12	8.50	3.30	6.40	2.34	1.38	6.85	1.38	1.47	0.72	1.65	1.20	
17	1.12	10.08	3.18	6.40	2.01	1.47	6.85	1.47	1.47	0.72	1.65	1.20	
18	1.20	9.28	3.78	6.40	1.92	1.56	6.85	1.56	1.47	0.64	1.56	1.12	
19	1.12	9.92	3.54	6.40	1.74	1.74	6.85	3.78	1.47	0.64	1.38	1.12	
20	1.04	9.76	3.30	6.55	1.74	2.58	6.70	18.86	1.29	0.64	1.29	1.12	
21	1.47	9.28	2.82	6.55	1.47	3.06	6.70	13.43	1.29	1.04	1.29	1.12	
22	1.56	9.12	3.18	6.70	1.56	2.82	6.70	11.42	1.29	1.29	1.29	1.12	
23	1.47	7.90	2.94	6.55	1.65	2.70	6.85	9.44	1.38	0.96	1.20	1.20	
24	1.38	5.41	3.90	6.55	1.65	2.22	6.55	8.05	1.47	0.88	1.12	1.29	
25	1.38	4.76	3.78	6.40	2.01	2.01	4.14	6.55	1.56	0.72	1.12	1.29	
26	1.38	4.38	3.18	6.55	2.94	1.74	3.06	6.10	1.65	0.96	1.12	1.20	
27	1.29	4.26	3.06	6.70	2.10	2.01	3.18	5.54	1.83	1.20	1.29	1.12	
28	1.29	4.26	2.94	6.85	1.83	1.83	3.06	4.76	1.92	0.96	1.29	1.12	
29	1.20	4.26	2.82	6.85	2.01	2.01	2.94	3.30	1.92	0.64	1.29	1.04	
30	1.20	4.02	2.82	6.70	2.70	2.01	2.82	2.58	1.92	0.96		1.04	
31		3.90		6.70	2.10		2.70		1.92	1.20		1.04	
Total	34.90	208.89	127.17	163.13	113.71	60.30	146.93	128.79	48.39	31.15	38.47	34.39	1136.22 CMSDAY
Mean	1.16	6.74	4.24	5.26	3.67	2.01	4.74	4.29	1.56	1.00	1.33	1.11	3.10 CMS
Max	1.56	16.44	6.40	6.85	6.70	3.06	7.15	18.86	2.10	2.01	1.65	1.38	18.86 CMS
Min	0.96	1.47	2.82	2.58	1.47	1.38	2.22	0.32	1.04	0.64	1.12	0.80	0.32 CMS
Runoff	3.02	18.05	10.99	14.09	9.82	5.21	12.69	11.13	4.18	2.69	3.32	2.97	98.17 MCM
Momentary Peak	37.60 CMS. at 23.66 m. (MSL.) at 15.00 Hours , on Nov 20, 2007												
Runoff Yield	5.80 Liters/Second/Square KM.			Momentary Peak Yield				70.02 Liters/Second/Square KM.					

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Chumphon at Ban Wang Phai , Chumphon (X.53A)

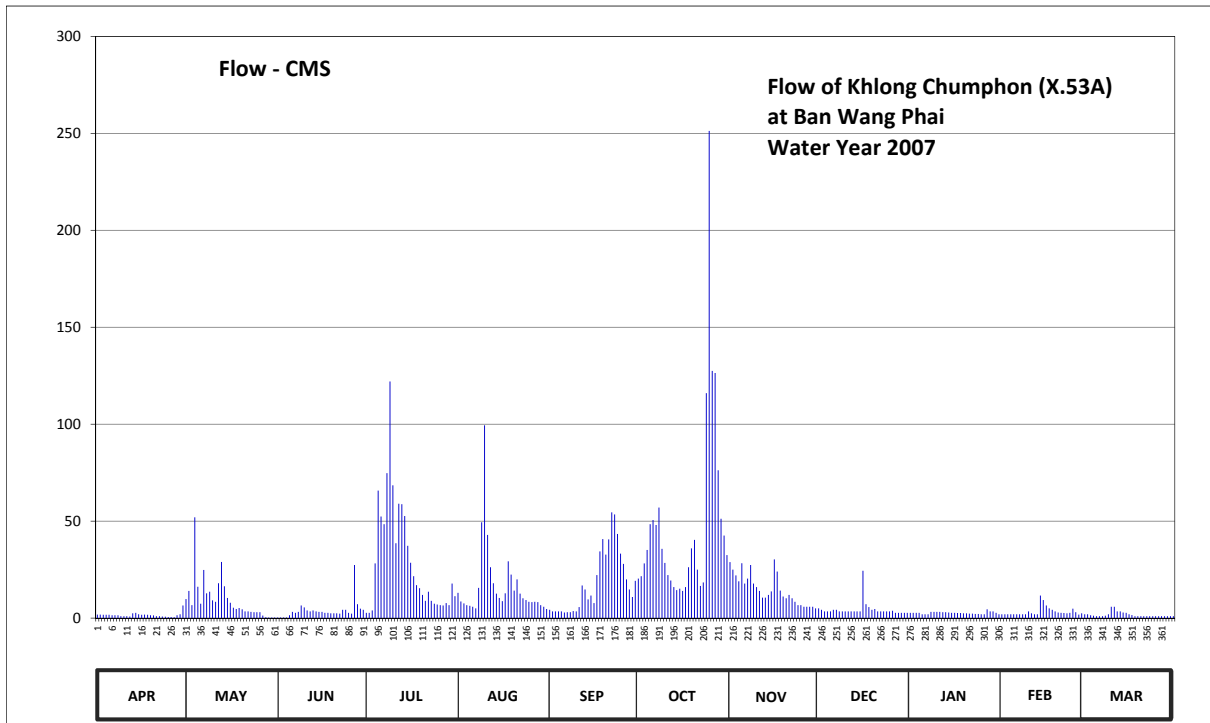
Lat 10 - 30 - 20 N Long 99 - 07 - 15 E

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	Stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.38	2.88	2.23	2.45	3.05	2.55	3.42	3.90	2.60	2.45	2.40	2.40	
2	2.38	3.10	2.23	2.45	2.81	2.50	3.48	3.65	2.55	2.45	2.40	2.40	
3	2.37	2.70	2.23	2.53	2.75	2.50	3.82	3.50	2.50	2.45	2.40	2.35	
4	2.37	5.41	2.23	3.82	2.70	2.50	4.45	3.35	2.50	2.45	2.40	2.32	
5	2.37	3.21	2.35	5.99	2.68	2.50	5.23	3.83	2.50	2.40	2.40	2.30	
6	2.35	2.74	2.48	5.43	2.65	2.46	5.34	3.29	2.55	2.40	2.40	2.30	
7	2.35	3.64	2.45	5.23	2.60	2.47	5.21	3.42	2.55	2.40	2.40	2.30	
8	2.35	3.04	2.48	6.35	3.18	2.47	5.64	3.77	2.50	2.48	2.40	2.32	
9	2.30	3.08	2.69	7.84	5.28	2.51	4.50	3.29	2.50	2.48	2.40	2.40	
10	2.30	2.84	2.63	6.10	7.18	2.50	3.85	3.20	2.50	2.48	2.50	2.65	
11	2.30	2.80	2.53	4.70	4.95	2.64	3.51	3.10	2.50	2.48	2.43	2.65	
12	2.28	3.30	2.50	5.72	3.71	3.24	3.37	2.92	2.50	2.47	2.40	2.50	
13	2.43	3.91	2.53	5.71	3.30	3.14	3.20	2.92	2.50	2.47	2.40	2.50	
14	2.45	3.22	2.50	5.44	3.03	2.87	3.12	3.00	2.50	2.46	2.98	2.46	
15	2.40	2.91	2.48	4.62	2.91	2.98	3.16	3.09	2.50	2.45	2.85	2.45	
16	2.37	2.77	2.48	3.86	2.82	2.76	3.10	4.04	3.62	2.45	2.69	2.40	
17	2.38	2.62	2.45	3.48	3.04	3.51	3.20	3.60	2.73	2.44	2.60	2.36	
18	2.37	2.58	2.45	3.25	3.94	4.39	3.71	3.11	2.64	2.44	2.55	2.30	
19	2.35	2.61	2.43	3.17	3.52	4.83	4.52	2.95	2.55	2.43	2.50	2.30	
20	2.34	2.57	2.43	3.00	3.11	4.26	4.81	2.90	2.58	2.43	2.46	2.30	
21	2.30	2.50	2.43	2.83	3.40	4.82	3.65	3.00	2.50	2.42	2.45	2.30	
22	2.30	2.50	2.42	3.08	3.03	5.53	3.23	2.90	2.50	2.42	2.44	2.30	
23	2.28	2.48	2.55	2.83	2.90	5.48	3.32	2.80	2.50	2.41	2.43	2.30	
24	2.27	2.47	2.55	2.74	2.85	4.98	7.68	2.70	2.50	2.41	2.45	2.30	
25	2.26	2.47	2.45	2.72	2.80	4.30	9.47	2.70	2.50	2.40	2.59	2.30	
26	2.26	2.47	2.42	2.70	2.79	3.80	8.39	2.65	2.52	2.40	2.47	2.30	
27	2.25	2.33	3.77	2.69	2.80	3.40	8.37	2.65	2.45	2.57	2.38	2.30	
28	2.35	2.25	2.73	2.76	2.79	3.14	6.73	2.65	2.45	2.50	2.43	2.30	
29	2.40	2.23	2.59	2.70	2.70	2.94	5.37	2.65	2.45	2.50	2.40	2.30	
30	2.69	2.23	2.55	3.29	2.65	3.36	4.93	2.60	2.45	2.45	2.45	2.30	
31		2.23		2.96	2.58		4.24		2.45	2.40		2.30	
Mean	2.35	2.84	2.51	3.95	3.24	3.38	4.71	3.14	2.55	2.45	2.48	2.36	
Max	2.69	5.41	3.77	7.84	7.18	5.53	9.47	4.04	3.62	2.57	2.98	2.65	9.47
Min	2.25	2.23	2.23	2.45	2.58	2.46	3.10	2.60	2.45	2.40	2.38	2.30	2.23
Annual Max Momentary Gage Height	9.63		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	2.02	m. (MSL.)					
Left Bank Elevation		10.40	m. (MSL.) ,										
Right Bank Elevation		10.41	m. (MSL.) ,			Drainage Are	296	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.80	9.84	0.30	2.75	13.00	4.25	20.40	28.90	5.00	2.75	2.00	2.00		
2	1.80	14.00	0.30	2.75	8.58	3.50	21.60	25.00	4.25	2.75	2.00	2.00		
3	1.70	6.70	0.30	3.95	7.55	3.50	28.18	22.00	3.50	2.75	2.00	1.50		
4	1.70	52.01	0.30	28.18	6.70	3.50	35.13	19.00	3.50	2.75	2.00	1.20		
5	1.70	16.20	1.50	65.75	6.36	3.50	48.40	28.27	3.50	2.00	2.00	1.00		
6	1.50	7.38	3.20	52.43	5.85	2.90	50.60	17.80	4.25	2.00	2.00	1.00		
7	1.50	24.80	2.75	48.40	5.00	3.05	48.00	20.40	4.25	2.00	2.00	1.00		
8	1.50	12.80	3.20	74.75	15.60	3.05	57.00	27.40	3.50	3.20	2.00	1.20		
9	1.00	13.60	6.53	122.00	49.40	3.65	35.75	17.80	3.50	3.20	2.00	2.00		
10	1.00	9.12	5.51	68.50	99.40	3.50	28.45	16.00	3.50	3.20	3.50	5.85		
11	1.00	8.40	3.95	38.60	42.90	5.68	22.20	14.00	3.50	3.20	2.45	5.85		
12	0.80	18.00	3.50	59.00	26.20	16.80	19.40	10.56	3.50	3.05	2.00	3.50		
13	2.45	28.99	3.95	58.75	18.00	14.80	16.00	10.56	3.50	3.05	2.00	3.50		
14	2.75	16.40	3.50	52.64	12.60	9.66	14.40	12.00	3.50	2.90	11.64	2.90		
15	2.00	10.38	3.20	37.32	10.38	11.64	15.20	13.80	3.50	2.75	9.30	2.75		
16	1.70	7.89	3.20	28.54	8.76	7.72	14.00	30.24	24.40	2.75	6.53	2.00		
17	1.80	5.34	2.75	21.60	12.80	22.20	16.00	24.00	7.21	2.60	5.00	1.60		
18	1.70	4.70	2.75	17.00	29.26	34.38	26.20	14.20	5.68	2.60	4.25	1.00		
19	1.50	5.17	2.45	15.40	22.40	40.74	36.00	11.10	4.25	2.45	3.50	1.00		
20	1.40	4.55	2.45	12.00	14.20	32.75	40.38	10.20	4.70	2.45	2.90	1.00		
21	1.00	3.50	2.45	8.94	20.00	40.56	25.00	12.00	3.50	2.30	2.75	1.00		
22	1.00	3.50	2.30	13.60	12.60	54.53	16.60	10.20	3.50	2.30	2.60	1.00		
23	0.80	3.20	4.25	8.94	10.20	53.48	18.40	8.40	3.50	2.15	2.45	1.00		
24	0.70	3.05	4.25	7.38	9.30	43.44	116.00	6.70	3.50	2.15	2.75	1.00		
25	0.60	3.05	2.75	7.04	8.40	33.25	251.25	6.70	3.50	2.00	4.85	1.00		
26	0.60	3.05	2.30	6.70	8.23	28.00	127.48	5.85	3.80	2.00	3.05	1.00		
27	0.50	1.30	27.40	6.53	8.40	20.00	126.43	5.85	2.75	4.55	1.80	1.00		
28	1.50	0.50	7.21	7.72	8.23	14.80	76.28	5.85	2.75	3.50	2.45	1.00		
29	2.00	0.30	4.85	6.70	6.70	10.92	51.20	5.85	2.75	3.50	2.00	1.00		
30	6.53	0.30	4.25	17.80	5.85	19.20	42.54	5.00	2.75	2.75		1.00		
31		0.30		11.28	4.70		32.50		2.75	2.00		1.00		
Total	47.53	298.32	117.60	912.94	517.55	548.95	1476.97	445.63	137.54	83.60	95.77	54.85	4737.25	CMSDAY
Mean	1.58	9.62	3.92	29.45	16.70	18.30	47.64	14.85	4.44	2.70	3.30	1.77	12.94	CMS
Max	6.53	52.01	27.40	122.00	99.40	54.53	251.25	30.24	24.40	4.55	11.64	5.85	251.25	CMS
Min	0.50	0.30	0.30	2.75	4.70	2.90	14.00	5.00	2.75	2.00	1.80	1.00	0.30	CMS
Runoff	4.11	25.77	10.16	78.88	44.72	47.43	127.61	38.50	11.88	7.22	8.27	4.74	409.30	MCM
Momentary Peak	279.40 CMS. at 9.63 m. (MSL.) at 15.00 Hours , on Oct 25, 2007													
Runoff Yield	43.82 Liters/Second/Square KM. Momentary Peak Yield 943.28 Liters/Second/Square KM.													

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Tha Sae at Ban Tha Sae , Chumphon (X.64)

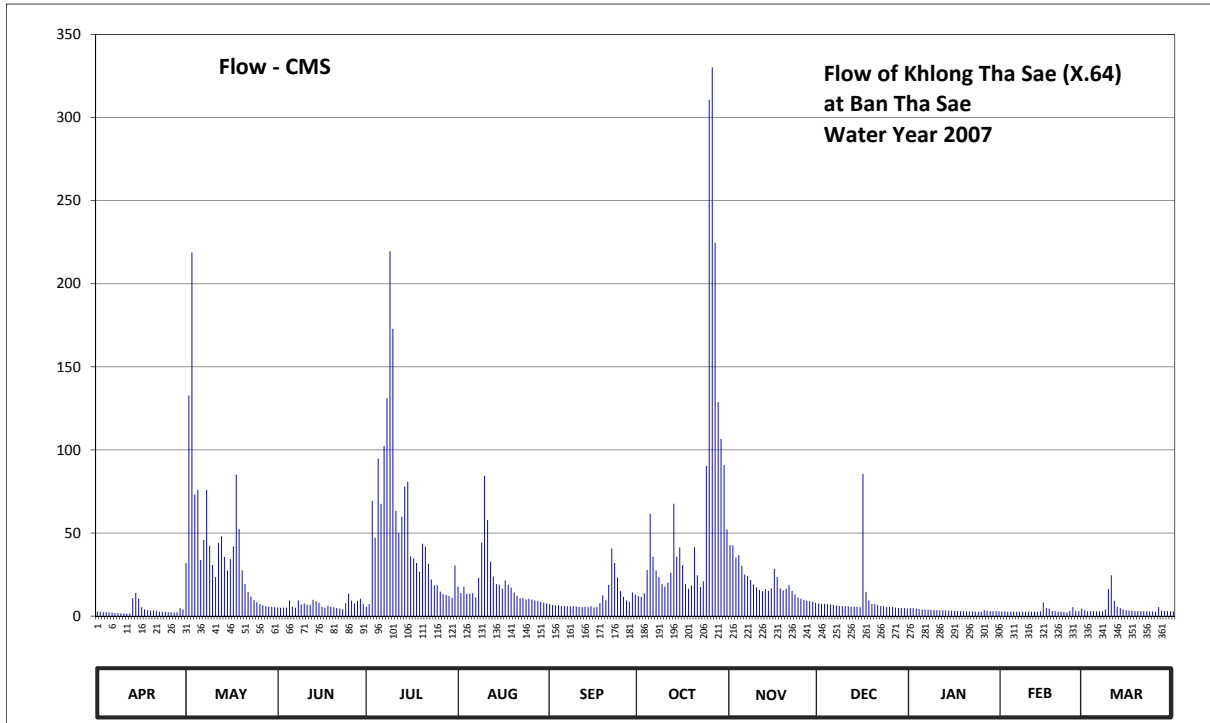
Lat 10 - 39 - 51 N Long 99 - 10 - 26 E

Location : on left bank near the Land Cooperation Office.

	Ban Tha Sae	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	946 sq.km.		
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 about 6 meters from the top staff gage.	Elevation	+19.207 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	1973 to date		
Rating Operation			
Period of Rating	1974 - 1975 , 1982 to date		
Rated by Flot	-		
Rated by Current Meter	1974 - 1975 , 1982 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 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.98	9.28	8.14	8.18	8.71	8.26	8.48	9.71	8.28	8.12	7.99	8.04	
2	7.98	12.05	8.13	8.26	8.56	8.23	8.46	9.70	8.27	8.12	7.99	8.00	
3	7.96	13.52	8.14	10.58	8.71	8.22	8.55	9.41	8.27	8.10	7.98	8.00	
4	7.96	10.68	8.14	9.88	8.54	8.22	9.11	9.47	8.26	8.08	7.98	8.00	
5	7.95	10.75	8.37	11.22	8.54	8.20	10.36	9.21	8.25	8.07	7.98	7.99	
6	7.94	9.35	8.18	10.53	8.55	8.20	9.43	9.00	8.24	8.06	7.98	7.99	
7	7.93	9.83	8.14	11.41	8.45	8.20	9.10	8.97	8.22	8.06	7.98	7.99	
8	7.92	10.75	8.37	12.02	8.92	8.19	8.94	8.87	8.21	8.05	7.98	8.07	
9	7.91	9.69	8.25	13.53	9.77	8.19	8.77	8.76	8.20	8.05	7.98	8.65	
10	7.90	9.23	8.28	12.78	10.96	8.18	8.71	8.69	8.19	8.04	7.98	8.98	
11	7.90	8.94	8.24	10.41	10.25	8.17	8.81	8.63	8.19	8.04	7.98	8.36	
12	7.90	9.76	8.24	9.98	9.31	8.16	9.04	8.60	8.18	8.03	7.98	8.18	
13	8.43	9.91	8.39	10.31	8.95	8.18	10.53	8.65	8.18	8.03	7.98	8.13	
14	8.56	9.43	8.35	10.80	8.77	8.16	9.43	8.61	8.17	8.02	7.99	8.07	
15	8.42	9.10	8.30	10.87	8.76	8.20	9.65	8.67	8.16	8.02	8.31	8.04	
16	8.15	9.37	8.17	9.44	8.66	8.15	9.23	9.14	10.99	8.01	8.13	8.02	
17	8.07	9.68	8.14	9.39	8.86	8.16	8.77	8.94	8.58	8.00	8.10	8.01	
18	8.04	10.98	8.21	9.28	8.76	8.29	8.66	8.67	8.37	8.00	8.00	8.00	
19	8.02	10.07	8.17	9.07	8.69	8.50	8.74	8.62	8.27	7.99	8.00	8.00	
20	8.03	9.10	8.15	9.74	8.57	8.38	9.66	8.66	8.26	7.99	7.98	8.00	
21	8.00	8.77	8.13	9.67	8.49	8.75	8.98	8.75	8.23	7.99	7.98	8.00	
22	7.98	8.58	8.10	9.26	8.43	9.63	8.70	8.61	8.20	7.99	7.96	7.99	
23	7.97	8.47	8.07	8.88	8.43	9.28	8.84	8.52	8.19	7.98	7.95	7.99	
24	7.97	8.38	8.29	8.74	8.40	8.93	11.11	8.45	8.16	7.98	8.01	7.99	
25	7.96	8.32	8.54	8.74	8.42	8.60	14.73	8.42	8.16	7.98	8.16	7.98	
26	7.96	8.26	8.37	8.59	8.40	8.46	16.02	8.38	8.17	8.04	8.01	8.16	
27	7.95	8.22	8.28	8.53	8.37	8.37	15.08	8.36	8.14	8.02	8.00	8.02	
28	7.96	8.20	8.36	8.51	8.36	8.33	13.04	8.35	8.13	8.00	8.10	8.00	
29	8.12	8.18	8.42	8.48	8.33	8.57	11.78	8.33	8.13	8.00	8.16	8.00	
30	8.07	8.17	8.26	8.44	8.31	8.52	11.12	8.30	8.12	8.00	7.98	7.99	
31		8.16		9.22	8.28		10.06		8.11	7.99		7.99	
Mean	8.03	9.46	8.24	9.83	8.76	8.40	10.06	8.78	8.31	8.03	8.02	8.08	
Max	8.56	13.52	8.54	13.53	10.96	9.63	16.02	9.71	10.99	8.12	8.31	8.98	16.02
Min	7.90	8.16	8.07	8.18	8.28	8.15	8.46	8.30	8.11	7.98	7.95	7.98	7.90
Annual Max Momentary Gage Height	16.24		m. (MSL.) ,				at 10.00 Hours ,						on Oct 26, 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	6.64	m. (MSL.)					
Left Bank Elevation		19.25	m. (MSL.) ,										
Right Bank Elevation		18.88	m. (MSL.) ,			Drainage Are	946	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.70	32.00	5.10	5.70	17.75	7.20	12.00	42.75	7.60	4.80	2.85	3.60		
2	2.70	132.75	4.95	7.20	14.00	6.60	11.50	42.50	7.40	4.80	2.85	3.00		
3	2.40	218.80	5.10	69.30	17.75	6.40	13.75	35.25	7.40	4.50	2.70	3.00		
4	2.40	73.20	5.10	47.20	13.50	6.40	27.75	36.75	7.20	4.20	2.70	3.00		
5	2.25	76.00	9.40	94.80	13.50	6.00	61.60	30.25	7.00	4.05	2.70	2.85		
6	2.10	33.75	5.70	67.55	13.75	6.00	35.75	25.00	6.80	3.90	2.70	2.85		
7	1.95	45.83	5.10	102.45	11.25	6.00	27.50	24.25	6.40	3.90	2.70	2.85		
8	1.80	76.00	9.40	131.10	23.00	5.85	23.50	21.75	6.20	3.75	2.70	4.05		
9	1.65	42.25	7.00	219.45	44.25	5.85	19.25	19.00	6.00	3.75	2.70	16.25		
10	1.50	30.75	7.60	172.90	84.40	5.70	17.75	17.25	5.85	3.60	2.70	24.50		
11	1.50	23.50	6.80	63.35	57.75	5.55	20.25	15.75	5.85	3.60	2.70	9.20		
12	1.50	44.00	6.80	49.95	32.75	5.40	26.00	15.00	5.70	3.45	2.70	5.70		
13	10.75	48.03	9.80	59.85	23.75	5.70	67.55	16.25	5.70	3.45	2.70	4.95		
14	14.00	35.75	9.00	78.00	19.25	5.40	35.75	15.25	5.55	3.30	2.85	4.05		
15	10.50	27.50	8.00	80.80	19.00	6.00	41.25	16.75	5.40	3.30	8.20	3.60		
16	5.25	34.25	5.55	36.00	16.50	5.25	30.75	28.50	85.60	3.15	4.95	3.30		
17	4.05	42.00	5.10	34.75	21.50	5.40	19.25	23.50	14.50	3.00	4.50	3.15		
18	3.60	85.20	6.20	32.00	19.00	7.80	16.50	16.75	9.40	3.00	3.00	3.00		
19	3.30	52.43	5.55	26.75	17.25	12.50	18.50	15.50	7.40	2.85	3.00	3.00		
20	3.45	27.50	5.25	43.50	14.25	9.60	41.50	16.50	7.20	2.85	2.70	3.00		
21	3.00	19.25	4.95	41.75	12.25	18.75	24.50	18.75	6.60	2.85	2.70	3.00		
22	2.70	14.50	4.50	31.50	10.75	40.75	17.50	15.25	6.00	2.85	2.40	2.85		
23	2.55	11.75	4.05	22.00	10.75	32.00	21.00	13.00	5.85	2.70	2.25	2.85		
24	2.55	9.60	7.80	18.50	10.00	23.25	90.40	11.25	5.40	2.70	3.15	2.85		
25	2.40	8.40	13.50	18.50	10.50	15.00	310.70	10.50	5.40	2.70	5.40	2.70		
26	2.40	7.20	9.40	14.75	10.00	11.50	330.20	9.60	5.55	3.60	3.15	5.40		
27	2.25	6.40	7.60	13.25	9.40	9.40	224.60	9.20	5.10	3.30	3.00	3.30		
28	2.40	6.00	9.20	12.75	9.20	8.60	128.80	9.00	4.95	3.00	4.50	3.00		
29	4.80	5.70	10.50	12.00	8.60	14.25	106.70	8.60	4.95	3.00	5.40	3.00		
30	4.05	5.55	7.20	11.00	8.20	13.00	90.80	8.00	4.80	3.00		2.85		
31		5.40		30.50	7.60		52.15		4.65	2.85		2.85		
Total	108.45	1281.24	211.20	1649.10	601.40	317.10	1965.00	587.65	279.40	105.75	96.55	143.55	7346.39	CMSDAY
Mean	3.62	41.33	7.04	53.20	19.40	10.57	63.39	19.59	9.01	3.41	3.33	4.63	20.07	CMS
Max	14.00	218.80	13.50	219.45	84.40	40.75	330.20	42.75	85.60	4.80	8.20	24.50	330.20	CMS
Min	1.50	5.40	4.05	5.70	7.60	5.25	11.50	8.00	4.65	2.70	2.25	2.70	1.50	CMS
Runoff	9.37	110.70	18.25	142.48	51.96	27.40	169.78	50.77	24.14	9.14	8.34	12.40	634.73	MCM
Momentary Peak		366.40	CMS.	at 16.24 m. (MSL.)	at 10.00 Hours		on Oct 26, 2007							
Runoff Yield		21.28	Liters/Second/Square KM.		Momentary Peak Yield	387.32	Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Ban Tan at Ban Wang Kong , Nakhon Si Thammarat (X.70)

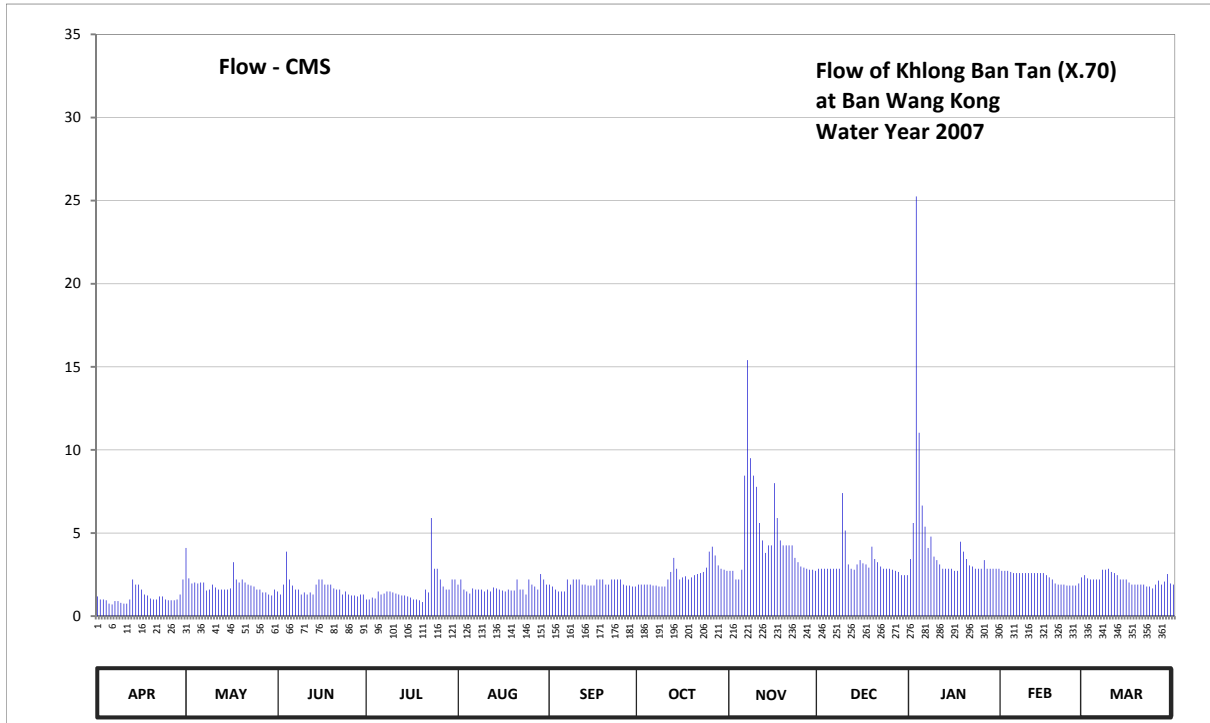
Lat 08 - 25 - 34 N Long 99 - 51 - 47 E

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. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 10 meters from the top staff gage.	Elevation	+21.985 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 - 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 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.83	16.28	15.88	15.80	15.95	15.95	15.95	16.08	16.10	16.19	16.08	16.04	
2	15.80	16.01	15.85	15.80	16.00	15.93	15.95	16.08	16.10	16.48	16.08	16.01	
3	15.80	15.96	15.95	15.82	15.90	15.90	15.95	16.00	16.10	18.62	16.08	16.00	
4	15.79	15.97	16.25	15.81	15.88	15.88	15.95	16.00	16.10	17.18	16.07	16.00	
5	15.75	15.96	16.00	15.88	15.86	15.88	15.95	16.09	16.10	16.62	16.06	16.00	
6	15.74	15.97	15.94	15.85	15.91	15.88	15.94	16.86	16.10	16.45	16.06	16.00	
7	15.78	15.97	15.90	15.86	15.90	16.00	15.94	17.64	16.10	16.28	16.06	16.09	
8	15.78	15.89	15.90	15.88	15.90	15.95	15.93	17.00	16.10	16.37	16.06	16.09	
9	15.76	15.90	15.85	15.88	15.90	16.00	15.93	16.86	16.72	16.21	16.06	16.10	
10	15.75	15.95	15.87	15.87	15.88	16.00	15.93	16.77	16.42	16.18	16.06	16.07	
11	15.75	15.92	15.85	15.86	15.90	16.00	16.00	16.48	16.14	16.14	16.06	16.06	
12	15.80	15.90	15.87	15.85	15.88	15.95	16.07	16.34	16.10	16.10	16.06	16.04	
13	16.00	15.90	15.85	15.84	15.92	15.95	16.20	16.24	16.09	16.10	16.06	16.00	
14	15.95	15.90	15.95	15.84	15.91	15.94	16.10	16.30	16.14	16.10	16.06	16.00	
15	15.95	15.90	16.00	15.83	15.90	15.94	16.00	16.30	16.18	16.10	16.06	16.00	
16	15.90	15.91	16.00	15.82	15.89	15.94	16.02	16.80	16.15	16.08	16.04	15.97	
17	15.85	16.16	15.95	15.80	15.88	16.00	16.03	16.52	16.14	16.08	16.02	15.95	
18	15.84	16.00	15.95	15.80	15.90	16.00	16.00	16.34	16.11	16.33	16.00	15.95	
19	15.81	15.97	15.95	15.79	15.89	16.00	16.02	16.30	16.29	16.25	15.96	15.95	
20	15.80	16.00	15.91	15.77	15.89	15.95	16.04	16.30	16.19	16.19	15.95	15.95	
21	15.80	15.97	15.90	15.90	16.00	15.95	16.05	16.30	16.16	16.13	15.95	15.95	
22	15.83	15.95	15.90	15.87	15.90	16.00	16.06	16.30	16.12	16.12	15.95	15.93	
23	15.83	15.94	15.85	16.52	15.90	16.00	16.07	16.20	16.10	16.10	15.94	15.93	
24	15.80	15.93	15.88	16.10	15.85	16.00	16.11	16.16	16.10	16.10	15.94	15.91	
25	15.79	15.90	15.85	16.10	16.00	16.00	16.25	16.12	16.10	16.10	15.94	15.95	
26	15.79	15.90	15.84	16.00	15.95	15.95	16.29	16.11	16.09	16.18	15.94	15.99	
27	15.79	15.87	15.84	15.93	15.93	15.94	16.22	16.10	16.08	16.10	15.96	15.95	
28	15.80	15.87	15.83	15.90	15.90	15.94	16.13	16.09	16.07	16.10	16.02	15.98	
29	15.85	15.85	15.85	15.90	16.05	15.93	16.10	16.09	16.04	16.10	16.00	16.05	
30	16.00	15.84	15.85	16.00	16.00	15.93	16.09	16.08	16.04	16.10	16.00	15.96	
31		15.90		16.00	15.95		16.08		16.04	16.10		15.95	
Mean	15.82	15.95	15.91	15.90	15.92	15.96	16.04	16.36	16.14	16.30	16.02	15.99	
Max	16.00	16.28	16.25	16.52	16.05	16.00	16.29	17.64	16.72	18.62	16.08	16.10	18.62
Min	15.74	15.84	15.83	15.77	15.85	15.88	15.93	16.00	16.04	16.08	15.94	15.91	15.74
Annual Max Momentary Gage Height	19.90		m. (MSL.) ,				at 09.00 Hours ,						on Jan 3 , 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	15.50		m. (MSL.)				
Left Bank Elevation		22.07		m. (MSL.) ,									
Right Bank Elevation		22.07		m. (MSL.) ,		Drainage Are	36		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.18	4.10	1.48	1.00	1.90	1.90	1.90	2.72	2.85	3.44	2.72	2.46	
2	1.00	2.27	1.30	1.00	2.20	1.78	1.90	2.72	2.85	5.60	2.72	2.27	
3	1.00	1.96	1.90	1.12	1.60	1.60	1.90	2.20	2.85	25.25	2.72	2.20	
4	0.95	2.02	3.88	1.06	1.48	1.48	1.90	2.20	2.85	11.03	2.66	2.20	
5	0.75	1.96	2.20	1.48	1.36	1.48	1.90	2.79	2.85	6.65	2.59	2.20	
6	0.70	2.02	1.84	1.30	1.66	1.48	1.84	8.45	2.85	5.38	2.59	2.20	
7	0.90	2.02	1.60	1.36	1.60	2.20	1.84	15.40	2.85	4.10	2.59	2.79	
8	0.90	1.54	1.60	1.48	1.60	1.90	1.78	9.50	2.85	4.78	2.59	2.79	
9	0.80	1.60	1.30	1.48	1.60	2.20	1.78	8.45	7.40	3.58	2.59	2.85	
10	0.75	1.90	1.42	1.42	1.48	2.20	1.78	7.78	5.15	3.37	2.59	2.66	
11	0.75	1.72	1.30	1.36	1.60	2.20	2.20	5.60	3.11	3.11	2.59	2.59	
12	1.00	1.60	1.42	1.30	1.48	1.90	2.66	4.55	2.85	2.85	2.59	2.46	
13	2.20	1.60	1.30	1.24	1.72	1.90	3.50	3.80	2.79	2.85	2.59	2.20	
14	1.90	1.60	1.90	1.24	1.66	1.84	2.85	4.25	3.11	2.85	2.59	2.20	
15	1.90	1.60	2.20	1.18	1.60	1.84	2.20	4.25	3.37	2.85	2.59	2.20	
16	1.60	1.66	2.20	1.12	1.54	1.84	2.33	8.00	3.18	2.72	2.46	2.02	
17	1.30	3.24	1.90	1.00	1.48	2.20	2.40	5.90	3.11	2.72	2.33	1.90	
18	1.24	2.20	1.90	1.00	1.60	2.20	2.20	4.55	2.92	4.48	2.20	1.90	
19	1.06	2.02	1.90	0.95	1.54	2.20	2.33	4.25	4.18	3.88	1.96	1.90	
20	1.00	2.20	1.66	0.85	1.54	1.90	2.46	4.25	3.44	3.44	1.90	1.90	
21	1.00	2.02	1.60	1.60	2.20	1.90	2.53	4.25	3.24	3.05	1.90	1.90	
22	1.18	1.90	1.60	1.42	1.60	2.20	2.59	4.25	2.98	2.98	1.90	1.78	
23	1.18	1.84	1.30	5.90	1.60	2.20	2.66	3.50	2.85	2.85	1.84	1.78	
24	1.00	1.78	1.48	2.85	1.30	2.20	2.92	3.24	2.85	2.85	1.84	1.66	
25	0.95	1.60	1.30	2.85	2.20	2.20	3.88	2.98	2.85	2.85	1.84	1.90	
26	0.95	1.60	1.24	2.20	1.90	1.90	4.18	2.92	2.79	3.37	1.84	2.14	
27	0.95	1.42	1.24	1.78	1.78	1.84	3.65	2.85	2.72	2.85	1.96	1.90	
28	1.00	1.42	1.18	1.60	1.60	1.84	3.05	2.79	2.66	2.85	2.33	2.08	
29	1.30	1.30	1.30	1.60	2.53	1.78	2.85	2.79	2.46	2.85	2.20	2.53	
30	2.20	1.24	1.30	2.20	2.20	1.78	2.79	2.72	2.46	2.85		1.96	
31		1.60		2.20	1.90		2.72		2.46	2.85		1.90	
Total	34.59	58.55	49.74	50.14	53.05	58.08	77.47	143.90	97.73	137.13	67.81	67.42	895.61 CMSDAY
Mean	1.15	1.89	1.66	1.62	1.71	1.94	2.50	4.80	3.15	4.42	2.34	2.17	2.45 CMS
Max	2.20	4.10	3.88	5.90	2.53	2.20	4.18	15.40	7.40	25.25	2.72	2.85	25.25 CMS
Min	0.70	1.24	1.18	0.85	1.30	1.48	1.78	2.20	2.46	2.72	1.84	1.66	0.70 CMS
Runoff	2.99	5.06	4.30	4.33	4.58	5.02	6.69	12.43	8.44	11.85	5.86	5.83	77.38 MCM
Momentary Peak	43.75	CMS. at 19.90 m. (MSL.) at 09.00 Hours , on Jan 3 , 2007											
Runoff Yield	67.26	Liters/Second/Square KM.		Momentary Peak Yield		1199.29	Liters/Second/Square KM.						

WATER YEAR : 2007
SOUTHERN PENINSULA EAST COAST
Khlong Takhian at Ban Nai Thon, Surat Thani (X.103)

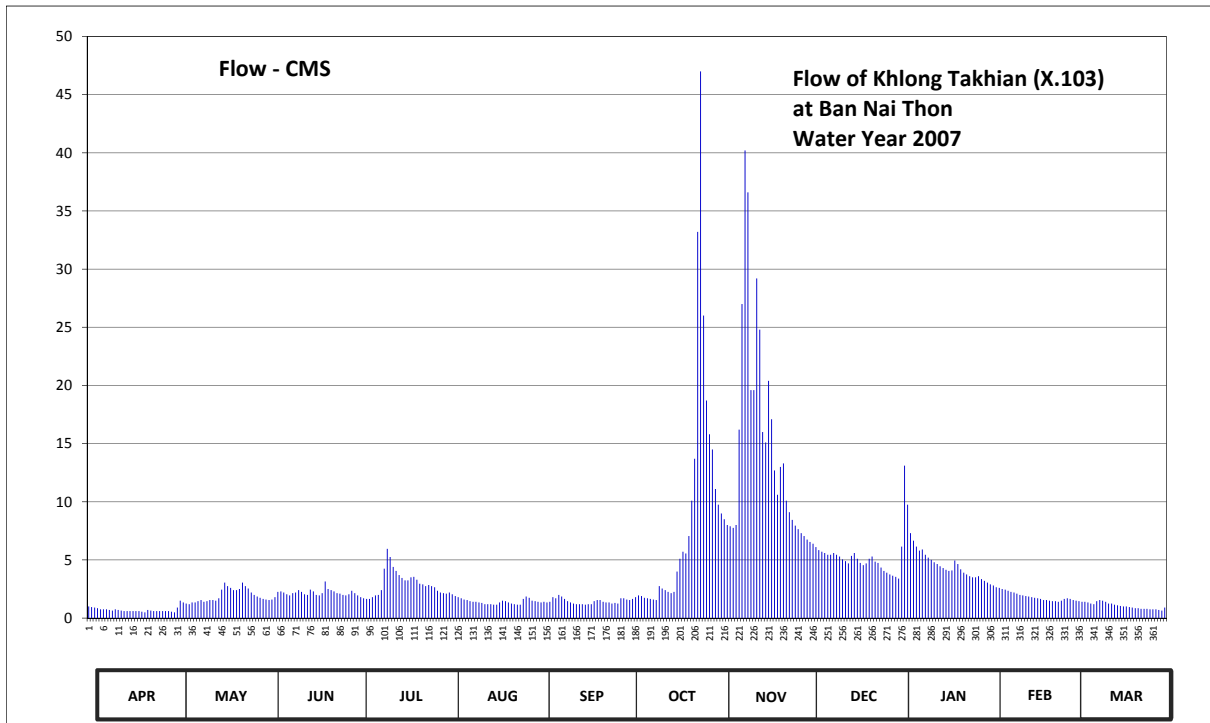
Lat 09 - 25 - 31 N Long 99 - 09 - 42 E

Location : on left bank Ban Rim Khlong.

	Ban	Nai Thon	Amphoe	Chaiya	Changwat	Surat Thani
Drainage Area	179	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 35 meters from the top staff gage.				Elevation	+14.745 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	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 fair. Stage-discharge relation defined by 1 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.80	7.78	7.91	7.99	8.04	7.87	7.91	9.40	8.91	8.83	8.16	7.90	
2	7.79	7.90	7.92	7.96	8.01	7.88	7.93	9.30	8.88	9.91	8.13	7.89	
3	7.78	7.87	7.96	7.94	7.98	7.87	7.96	9.20	8.82	9.55	8.12	7.88	
4	7.77	7.85	8.05	7.93	7.96	7.88	7.99	9.18	8.77	9.06	8.10	7.88	
5	7.75	7.84	8.06	7.93	7.94	7.96	7.98	9.15	8.74	8.93	8.09	7.87	
6	7.75	7.87	8.04	7.96	7.92	7.94	7.95	9.20	8.72	8.83	8.07	7.85	
7	7.75	7.87	8.01	7.99	7.91	8.00	7.94	10.22	8.69	8.76	8.05	7.84	
8	7.74	7.89	7.99	8.00	7.89	7.97	7.93	11.05	8.69	8.78	8.04	7.89	
9	7.73	7.91	8.03	8.08	7.88	7.93	7.92	11.71	8.72	8.69	8.02	7.91	
10	7.75	7.88	8.04	8.45	7.88	7.89	7.91	11.53	8.69	8.64	8.00	7.90	
11	7.74	7.89	8.08	8.79	7.87	7.87	8.15	10.56	8.66	8.60	7.99	7.88	
12	7.73	7.91	8.05	8.65	7.86	7.85	8.11	10.56	8.61	8.56	7.98	7.85	
13	7.72	7.91	8.01	8.48	7.84	7.84	8.08	11.16	8.58	8.53	7.97	7.85	
14	7.72	7.90	8.00	8.41	7.84	7.84	8.05	10.94	8.54	8.49	7.96	7.83	
15	7.72	7.94	8.09	8.34	7.84	7.84	8.03	10.20	8.67	8.46	7.95	7.82	
16	7.72	8.09	8.06	8.29	7.83	7.83	8.05	10.11	8.72	8.43	7.94	7.81	
17	7.72	8.21	8.00	8.25	7.83	7.84	8.40	10.64	8.62	8.41	7.93	7.80	
18	7.72	8.15	7.99	8.25	7.87	7.84	8.62	10.31	8.55	8.42	7.91	7.80	
19	7.71	8.12	8.03	8.30	7.90	7.89	8.74	9.87	8.51	8.59	7.91	7.79	
20	7.70	8.08	8.23	8.31	7.89	7.91	8.71	9.66	8.54	8.53	7.90	7.78	
21	7.74	8.08	8.10	8.26	7.87	7.91	9.01	9.90	8.62	8.44	7.89	7.77	
22	7.73	8.10	8.08	8.19	7.85	7.88	9.61	9.93	8.66	8.38	7.89	7.77	
23	7.72	8.21	8.06	8.18	7.84	7.87	9.97	9.61	8.57	8.35	7.88	7.76	
24	7.72	8.15	8.03	8.15	7.83	7.87	11.36	9.42	8.55	8.32	7.90	7.76	
25	7.72	8.11	8.02	8.17	7.83	7.85	12.00	9.29	8.47	8.30	7.93	7.76	
26	7.72	8.04	8.00	8.15	7.93	7.86	11.00	9.19	8.41	8.30	7.94	7.75	
27	7.72	8.00	7.99	8.13	7.97	7.85	10.47	9.13	8.38	8.32	7.93	7.75	
28	7.72	7.97	8.01	8.07	7.95	7.94	10.18	9.06	8.35	8.27	7.91	7.75	
29	7.71	7.95	8.07	8.04	7.90	7.94	10.05	9.01	8.33	8.24	7.91	7.74	
30	7.70	7.93	8.03	8.03	7.89	7.92	9.71	8.95	8.31	8.21	7.91	7.73	
31		7.92		8.02	7.88		9.55		8.28	8.18		7.78	
Mean	7.73	7.98	8.03	8.18	7.89	7.89	8.88	9.91	8.60	8.59	7.98	7.82	
Max	7.80	8.21	8.23	8.79	8.04	8.00	12.00	11.71	8.91	9.91	8.16	7.91	12.00
Min	7.70	7.78	7.91	7.93	7.83	7.83	7.91	8.95	8.28	8.18	7.88	7.73	7.70
Annual Max Momentary Gage Height	12.14		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 6.76		m. (MSL.)				
Left Bank Elevation		16.42		m. (MSL.) ,									
Right Bank Elevation		16.40		m. (MSL.) ,			Drainage Are 179		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.00	0.90	1.55	1.95	2.20	1.35	1.55	9.00	6.55	6.15	2.80	1.50		
2	0.95	1.50	1.60	1.80	2.05	1.40	1.65	8.50	6.40	13.10	2.65	1.45		
3	0.90	1.35	1.80	1.70	1.90	1.35	1.80	8.00	6.10	9.75	2.60	1.40		
4	0.85	1.25	2.25	1.65	1.80	1.40	1.95	7.90	5.85	7.30	2.50	1.40		
5	0.75	1.20	2.30	1.65	1.70	1.80	1.90	7.75	5.70	6.65	2.45	1.35		
6	0.75	1.35	2.20	1.80	1.60	1.70	1.75	8.00	5.60	6.15	2.35	1.25		
7	0.75	1.35	2.05	1.95	1.55	2.00	1.70	16.20	5.45	5.80	2.25	1.20		
8	0.70	1.45	1.95	2.00	1.45	1.85	1.65	27.00	5.45	5.90	2.20	1.45		
9	0.65	1.55	2.15	2.40	1.40	1.65	1.60	40.20	5.60	5.45	2.10	1.55		
10	0.75	1.40	2.20	4.25	1.40	1.45	1.55	36.60	5.45	5.20	2.00	1.50		
11	0.70	1.45	2.40	5.95	1.35	1.35	2.75	19.60	5.30	5.00	1.95	1.40		
12	0.65	1.55	2.25	5.25	1.30	1.25	2.55	19.60	5.05	4.80	1.90	1.25		
13	0.60	1.55	2.05	4.40	1.20	1.20	2.40	29.20	4.90	4.65	1.85	1.25		
14	0.60	1.50	2.00	4.05	1.20	1.20	2.25	24.80	4.70	4.45	1.80	1.15		
15	0.60	1.70	2.45	3.70	1.20	1.20	2.15	16.00	5.35	4.30	1.75	1.10		
16	0.60	2.45	2.30	3.45	1.15	1.15	2.25	15.10	5.60	4.15	1.70	1.05		
17	0.60	3.05	2.00	3.25	1.15	1.20	4.00	20.40	5.10	4.05	1.65	1.00		
18	0.60	2.75	1.95	3.25	1.35	1.20	5.10	17.10	4.75	4.10	1.55	1.00		
19	0.55	2.60	2.15	3.50	1.50	1.45	5.70	12.70	4.55	4.95	1.55	0.95		
20	0.50	2.40	3.15	3.55	1.45	1.55	5.55	10.60	4.70	4.65	1.50	0.90		
21	0.70	2.40	2.50	3.30	1.35	1.55	7.05	13.00	5.10	4.20	1.45	0.85		
22	0.65	2.50	2.40	2.95	1.25	1.40	10.10	13.30	5.30	3.90	1.45	0.85		
23	0.60	3.05	2.30	2.90	1.20	1.35	13.70	10.10	4.85	3.75	1.40	0.80		
24	0.60	2.75	2.15	2.75	1.15	1.35	33.20	9.10	4.75	3.60	1.50	0.80		
25	0.60	2.55	2.10	2.85	1.15	1.25	47.00	8.45	4.35	3.50	1.65	0.80		
26	0.60	2.20	2.00	2.75	1.65	1.30	26.00	7.95	4.05	3.50	1.70	0.75		
27	0.60	2.00	1.95	2.65	1.85	1.25	18.70	7.65	3.90	3.60	1.65	0.75		
28	0.60	1.85	2.05	2.35	1.75	1.70	15.80	7.30	3.75	3.35	1.55	0.75		
29	0.55	1.75	2.35	2.20	1.50	1.70	14.50	7.05	3.65	3.20	1.55	0.70		
30	0.50	1.65	2.15	2.15	1.45	1.60	11.10	6.75	3.55	3.05	1.40	0.65		
31		1.60		2.10	1.40		9.75		3.40	2.90		0.90		
Total	20.05	58.60	64.70	90.45	45.60	43.15	258.70	444.90	154.80	155.10	55.00	33.70	1424.75	CMSDAY
Mean	0.67	1.89	2.16	2.92	1.47	1.44	8.35	14.83	4.99	5.00	1.90	1.09	3.89	CMS
Max	1.00	3.05	3.15	5.95	2.20	2.00	47.00	40.20	6.55	13.10	2.80	1.55	47.00	CMS
Min	0.50	0.90	1.55	1.65	1.15	1.15	1.55	6.75	3.40	2.90	1.40	0.65	0.50	CMS
Runoff	1.73	5.06	5.59	7.81	3.94	3.73	22.35	38.44	13.37	13.40	4.75	2.91	123.10	MCM
Momentary Peak	51.20	CMS. at 12.14 m. (MSL.) at 06.00 Hours , on Oct 25 , 2007												
Runoff Yield	21.81	Liters/Second/Square KM. Momentary Peak Yield 286.03 Liters/Second/Square KM.												

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlung Mai Siap at Ban Mai Siap, Nakhon Si Thammarat (X.105)

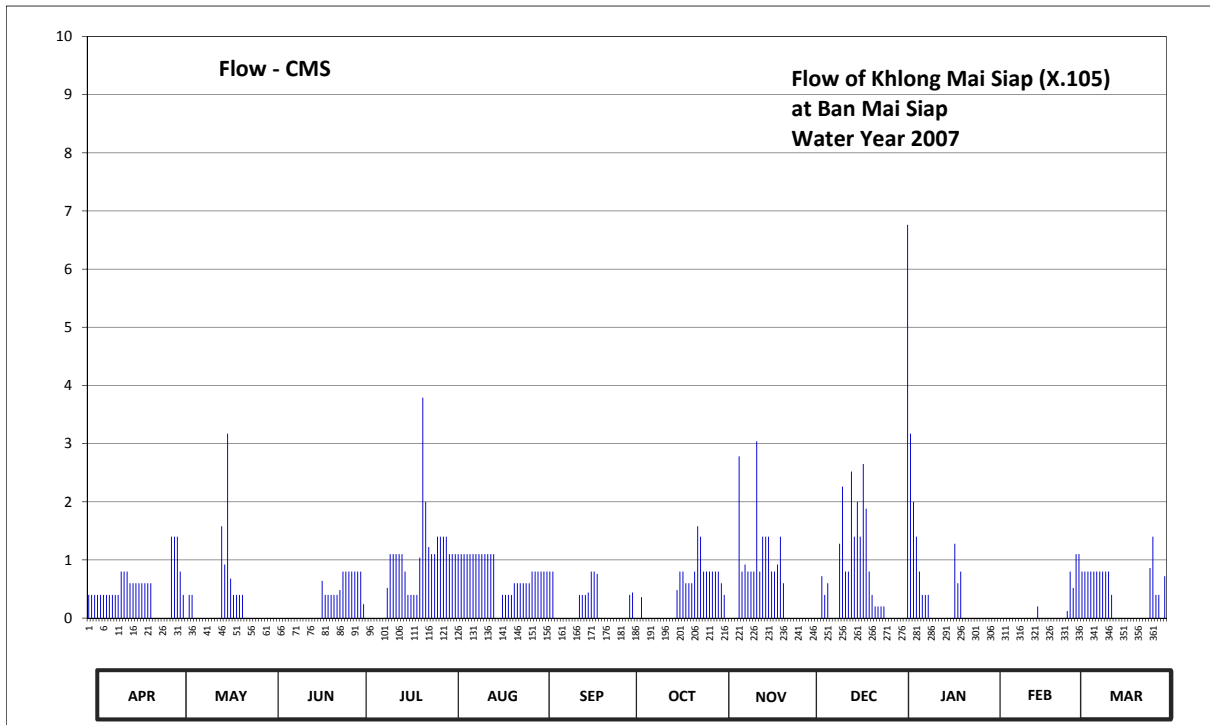
Lat 07 - 51 - 01 N Long 99 - 55 - 53 E

Location : on left bank at the bridge of Nakhon Si Thammarat - Phatthalung Highway.

	Ban Mai Siap	Amphoe Cha - uat	Changwat Nakhon Si Thammarat
Drainage Area	155 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	In front of the station office.	Elevation	+20.279 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	1978 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 - discharge measurements made in 2007.(use S.HC.2107/2007)		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.10	11.30	11.00	11.20	11.25	11.20	11.10	11.15	11.00	11.00	11.00	11.25	
2	11.10	11.20	11.00	11.20	11.25	11.20	11.11	11.10	11.00	11.00	11.00	11.25	
3	11.10	11.10	11.00	11.06	11.25	11.20	11.00	11.00	11.00	12.04	11.00	11.20	
4	11.10	11.00	11.00	11.00	11.25	11.20	11.00	11.00	11.00	11.58	11.00	11.20	
5	11.10	11.10	11.00	11.00	11.25	11.20	11.09	11.00	11.18	11.40	11.00	11.20	
6	11.10	11.10	11.00	11.00	11.25	11.00	11.00	11.00	11.10	11.30	11.00	11.20	
7	11.10	11.00	11.00	11.00	11.25	11.00	11.00	11.52	11.15	11.20	11.00	11.20	
8	11.10	11.00	11.00	11.00	11.25	11.00	11.00	11.20	11.00	11.10	11.00	11.20	
9	11.10	11.00	11.00	11.00	11.25	11.00	11.00	11.22	11.00	11.10	11.00	11.20	
10	11.10	11.00	11.00	11.00	11.25	11.00	11.00	11.20	11.00	11.10	11.00	11.20	
11	11.10	11.00	11.00	11.13	11.25	11.00	11.00	11.20	11.28	11.00	11.00	11.20	
12	11.20	11.00	11.00	11.25	11.25	11.00	11.00	11.20	11.44	11.00	11.00	11.20	
13	11.20	11.00	11.00	11.25	11.25	11.00	11.00	11.56	11.20	11.00	11.00	11.10	
14	11.20	11.00	11.00	11.25	11.25	11.10	11.00	11.20	11.20	11.00	11.00	11.00	
15	11.15	11.00	11.00	11.25	11.25	11.10	11.00	11.30	11.48	11.00	11.00	11.00	
16	11.15	11.33	11.00	11.25	11.25	11.10	11.00	11.30	11.30	11.00	11.05	11.00	
17	11.15	11.22	11.00	11.20	11.00	11.11	11.12	11.30	11.40	11.00	11.00	11.00	
18	11.15	11.58	11.00	11.10	11.00	11.20	11.20	11.20	11.30	11.00	11.00	11.00	
19	11.15	11.17	11.16	11.10	11.10	11.20	11.20	11.20	11.50	11.28	11.00	11.00	
20	11.15	11.10	11.10	11.10	11.10	11.19	11.15	11.22	11.38	11.15	11.00	11.00	
21	11.15	11.10	11.10	11.10	11.10	11.00	11.15	11.30	11.20	11.20	11.00	11.00	
22	11.15	11.10	11.10	11.24	11.10	11.00	11.15	11.15	11.10	11.00	11.00	11.00	
23	11.00	11.10	11.10	11.67	11.15	11.00	11.20	11.00	11.05	11.00	11.00	11.00	
24	11.00	11.00	11.10	11.40	11.15	11.00	11.33	11.00	11.05	11.00	11.00	11.00	
25	11.00	11.00	11.12	11.27	11.15	11.00	11.30	11.00	11.05	11.00	11.00	11.00	
26	11.00	11.00	11.20	11.25	11.15	11.00	11.20	11.00	11.05	11.00	11.03	11.21	
27	11.00	11.00	11.20	11.25	11.15	11.00	11.20	11.00	11.00	11.00	11.20	11.30	
28	11.00	11.00	11.20	11.30	11.15	11.00	11.20	11.00	11.00	11.00	11.13	11.10	
29	11.30	11.00	11.20	11.30	11.20	11.00	11.20	11.00	11.00	11.00	11.30	11.10	
30	11.30	11.00	11.20	11.30	11.20	11.00	11.20	11.00	11.00	11.00	11.00	11.00	
31		11.00		11.30	11.20		11.20		11.00	11.00		11.18	
Mean	11.12	11.08	11.06	11.18	11.19	11.07	11.11	11.15	11.14	11.11	11.02	11.11	
Max	11.30	11.58	11.20	11.67	11.25	11.20	11.33	11.56	11.50	12.04	11.30	11.30	12.04
Min	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
Annual Max Momentary Gage Height	12.90		m. (MSL.) ,				at 15.00 Hours ,						on Jan 3 , 2008
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	9.95	m. (MSL.)					
Left Bank Elevation		22.08		m. (MSL.) ,									
Right Bank Elevation		22.16		m. (MSL.) ,		Drainage Are	155	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	1.40	0.00	0.80	1.10	0.80	0.40	0.60	0.00	0.00	0.00	1.10	
2	0.40	0.80	0.00	0.80	1.10	0.80	0.44	0.40	0.00	0.00	0.00	1.10	
3	0.40	0.40	0.00	0.24	1.10	0.80	0.00	0.00	0.00	6.76	0.00	0.80	
4	0.40	0.00	0.00	0.00	1.10	0.80	0.00	0.00	0.00	3.17	0.00	0.80	
5	0.40	0.40	0.00	0.00	1.10	0.80	0.36	0.00	0.72	2.00	0.00	0.80	
6	0.40	0.40	0.00	0.00	1.10	0.00	0.00	0.00	0.40	1.40	0.00	0.80	
7	0.40	0.00	0.00	0.00	1.10	0.00	0.00	2.78	0.60	0.80	0.00	0.80	
8	0.40	0.00	0.00	0.00	1.10	0.00	0.00	0.80	0.00	0.40	0.00	0.80	
9	0.40	0.00	0.00	0.00	1.10	0.00	0.00	0.92	0.00	0.40	0.00	0.80	
10	0.40	0.00	0.00	0.00	1.10	0.00	0.00	0.80	0.00	0.40	0.00	0.80	
11	0.40	0.00	0.00	0.52	1.10	0.00	0.00	0.80	1.28	0.00	0.00	0.80	
12	0.80	0.00	0.00	1.10	1.10	0.00	0.00	0.80	2.26	0.00	0.00	0.80	
13	0.80	0.00	0.00	1.10	1.10	0.00	0.00	3.04	0.80	0.00	0.00	0.40	
14	0.80	0.00	0.00	1.10	1.10	0.40	0.00	0.80	0.80	0.00	0.00	0.00	
15	0.60	0.00	0.00	1.10	1.10	0.40	0.00	1.40	2.52	0.00	0.00	0.00	
16	0.60	1.58	0.00	1.10	1.10	0.40	0.00	1.40	1.40	0.00	0.20	0.00	
17	0.60	0.92	0.00	0.80	0.00	0.44	0.48	1.40	2.00	0.00	0.00	0.00	
18	0.60	3.17	0.00	0.40	0.00	0.80	0.80	0.80	1.40	0.00	0.00	0.00	
19	0.60	0.68	0.64	0.40	0.40	0.80	0.80	0.80	2.65	1.28	0.00	0.00	
20	0.60	0.40	0.40	0.40	0.40	0.76	0.60	0.92	1.88	0.60	0.00	0.00	
21	0.60	0.40	0.40	0.40	0.40	0.00	0.60	1.40	0.80	0.80	0.00	0.00	
22	0.60	0.40	0.40	1.04	0.40	0.00	0.60	0.60	0.40	0.00	0.00	0.00	
23	0.00	0.40	0.40	3.79	0.60	0.00	0.80	0.00	0.20	0.00	0.00	0.00	
24	0.00	0.00	0.40	2.00	0.60	0.00	1.58	0.00	0.20	0.00	0.00	0.00	
25	0.00	0.00	0.48	1.22	0.60	0.00	1.40	0.00	0.20	0.00	0.00	0.00	
26	0.00	0.00	0.80	1.10	0.60	0.00	0.80	0.00	0.20	0.00	0.12	0.86	
27	0.00	0.00	0.80	1.10	0.60	0.00	0.80	0.00	0.00	0.00	0.80	1.40	
28	0.00	0.00	0.80	1.40	0.60	0.00	0.80	0.00	0.00	0.00	0.52	0.40	
29	1.40	0.00	0.80	1.40	0.80	0.00	0.80	0.00	0.00	0.00	1.40	0.40	
30	1.40	0.00	0.80	1.40	0.80	0.00	0.80	0.00	0.00	0.00	0.00	0.00	
31		0.00		1.40	0.80		0.80		0.00	0.00		0.72	
Total	14.40	11.35	7.12	26.11	25.20	8.00	13.66	20.46	20.71	18.01	3.04	14.38	182.44 CMSDAY
Mean	0.48	0.37	0.24	0.84	0.81	0.27	0.44	0.68	0.67	0.58	0.10	0.46	0.50 CMS
Max	1.40	3.17	0.80	3.79	1.10	0.80	1.58	3.04	2.65	6.76	1.40	1.40	6.76 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	1.24	0.98	0.62	2.26	2.18	0.69	1.18	1.77	1.79	1.56	0.26	1.24	15.76 MCM
Momentary Peak	22.50	CMS.	at 12.90 m. (MSL.)	at 15.00 Hours	on Jan 3, 2008								
Runoff Yield	3.22	Liters/Second/Square KM.		Momentary Peak Yield	145.16	Liters/Second/Square KM.							

WATER YEAR : 2007
SOUTHERN PENINSULA EAST COAST

Khlong Klai at Ban Hua Na , Nakhon Si Thammarat (X.149)

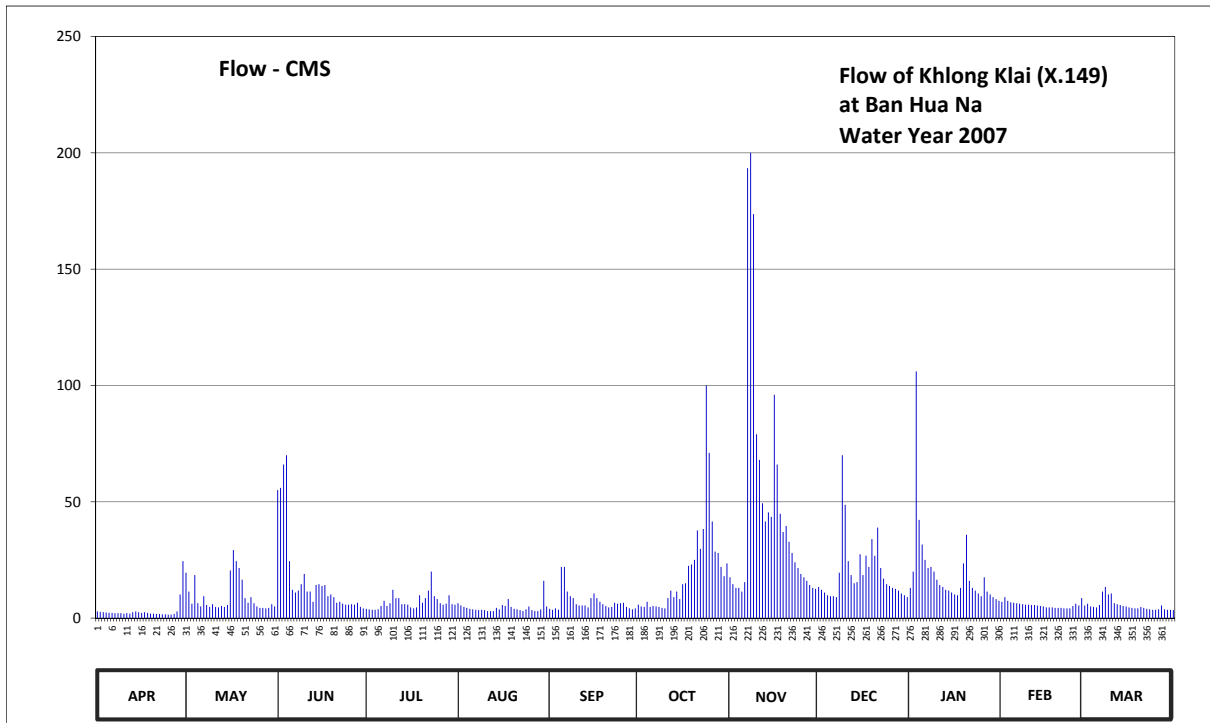
Lat 08 - 43 - 46 N Long 99 - 44 - 53 E

Location : on left bank at Ban Hua Na.

	Ban	Hua Na	Amphoe	Nopphitam	Changwat	Nakhon Si Thammar
Drainage Area	475	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 near the station office.				Elevation	+34.588 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	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 22 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	28.59	29.09	29.65	28.65	28.77	28.65	28.74	29.05	28.96	28.95	28.80	28.72	
2	28.58	28.91	29.66	28.64	28.72	28.63	28.70	28.99	28.93	29.10	28.85	28.76	
3	28.57	28.76	29.76	28.63	28.69	28.66	28.69	28.95	28.90	30.16	28.81	28.70	
4	28.56	29.07	29.80	28.63	28.67	28.63	28.80	28.95	28.87	29.48	28.79	28.69	
5	28.55	28.77	29.19	28.64	28.65	29.14	28.69	28.91	28.86	29.31	28.78	28.68	
6	28.55	28.70	28.93	28.71	28.64	29.14	28.71	29.01	28.86	29.20	28.77	28.73	
7	28.54	28.86	28.90	28.81	28.63	28.91	28.70	30.76	28.85	29.13	28.76	28.91	
8	28.54	28.73	28.92	28.71	28.62	28.86	28.69	30.80	29.09	29.14	28.75	28.96	
9	28.54	28.69	28.99	28.77	28.63	28.84	28.67	30.64	29.80	29.10	28.74	28.88	
10	28.53	28.75	29.08	28.93	28.62	28.75	28.66	29.89	29.58	29.03	28.74	28.89	
11	28.54	28.69	28.91	28.84	28.60	28.72	28.84	29.78	29.19	28.98	28.73	28.77	
12	28.53	28.68	28.91	28.84	28.60	28.72	28.92	29.59	29.07	28.96	28.73	28.75	
13	28.57	28.71	28.80	28.75	28.60	28.72	28.85	29.47	29.00	28.93	28.72	28.73	
14	28.59	28.69	28.98	28.75	28.67	28.68	28.91	29.53	29.01	28.92	28.71	28.71	
15	28.57	28.73	28.99	28.74	28.64	28.84	28.83	29.50	29.24	28.90	28.70	28.70	
16	28.55	29.11	28.97	28.68	28.73	28.89	28.99	30.06	29.07	28.88	28.68	28.68	
17	28.57	29.27	28.98	28.66	28.71	28.84	29.00	29.76	29.23	28.87	28.68	28.67	
18	28.55	29.19	28.86	28.68	28.83	28.80	29.15	29.52	29.14	28.95	28.68	28.66	
19	28.53	29.13	28.88	28.87	28.69	28.75	29.16	29.40	29.35	29.17	28.67	28.66	
20	28.53	29.03	28.85	28.78	28.65	28.71	29.20	29.44	29.23	29.38	28.67	28.69	
21	28.52	28.84	28.78	28.84	28.64	28.68	29.41	29.33	29.43	29.02	28.67	28.67	
22	28.52	28.78	28.80	28.92	28.62	28.69	29.28	29.25	29.13	28.95	28.66	28.65	
23	28.51	28.85	28.76	29.10	28.60	28.78	29.42	29.18	29.04	28.92	28.66	28.64	
24	28.51	28.77	28.74	28.86	28.64	28.76	30.10	29.13	28.99	28.89	28.66	28.63	
25	28.50	28.70	28.74	28.83	28.70	28.77	29.81	29.08	28.97	28.86	28.71	28.63	
26	28.50	28.67	28.75	28.77	28.62	28.78	29.47	29.05	28.95	29.05	28.76	28.64	
27	28.52	28.67	28.74	28.74	28.60	28.69	29.26	29.02	28.94	28.91	28.72	28.72	
28	28.59	28.66	28.78	28.76	28.60	28.66	29.25	28.98	28.92	28.88	28.84	28.64	
29	28.88	28.67	28.69	28.87	28.64	28.64	29.14	28.95	28.89	28.85	28.79	28.63	
30	29.19	28.75	28.66	28.75	29.02	28.66	29.06	28.94	28.87	28.83	28.83	28.63	
31		28.70		28.74	28.70		29.17		28.85	28.81		28.62	
Mean	28.58	28.83	28.98	28.77	28.67	28.77	29.04	29.43	29.07	29.05	28.73	28.71	
Max	29.19	29.27	29.80	29.10	29.02	29.14	30.10	30.80	29.80	30.16	28.85	28.96	30.80
Min	28.50	28.66	28.66	28.63	28.60	28.63	28.66	28.91	28.85	28.81	28.66	28.62	28.50
Annual Max Momentary Gage Height	31.82	m. (MSL.) ,		at 18.00 Hours , on Nov 7 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (MSL.) ,		River Bed 27.31 m. (MSL.)									
Left Bank Elevation	36.00	m. (MSL.) ,											
Right Bank Elevation	35.89	m. (MSL.) ,		Drainage Are		475	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.85	19.50	55.00	4.00	6.40	4.00	5.80	17.50	13.40	13.00	7.00	5.40		
2	2.70	11.40	56.00	3.80	5.40	3.60	5.00	14.60	12.20	20.00	9.00	6.20		
3	2.55	6.20	66.00	3.60	4.80	4.20	4.80	13.00	11.00	106.00	7.40	5.00		
4	2.40	18.50	70.00	3.60	4.40	3.60	7.00	13.00	9.80	42.20	6.80	4.80		
5	2.25	6.40	24.50	3.80	4.00	22.00	4.80	11.40	9.40	31.60	6.60	4.60		
6	2.25	5.00	12.20	5.20	3.80	22.00	5.20	15.50	9.40	25.00	6.40	5.60		
7	2.10	9.40	11.00	7.40	3.60	11.40	5.00	193.40	9.00	21.50	6.20	11.40		
8	2.10	5.60	11.80	5.20	3.40	9.40	4.80	200.00	19.50	22.00	6.00	13.40		
9	2.10	4.80	14.60	6.40	3.60	8.60	4.40	173.60	70.00	20.00	5.80	10.20		
10	1.95	6.00	19.00	12.20	3.40	6.00	4.20	79.00	48.70	16.50	5.80	10.60		
11	2.10	4.80	11.40	8.60	3.00	5.40	8.60	68.00	24.50	14.20	5.60	6.40		
12	1.95	4.60	11.40	8.60	3.00	5.40	11.80	49.35	18.50	13.40	5.60	6.00		
13	2.55	5.20	7.00	6.00	3.00	5.40	9.00	41.55	15.00	12.20	5.40	5.60		
14	2.85	4.80	14.20	6.00	4.40	4.60	11.40	45.45	15.50	11.80	5.20	5.20		
15	2.55	5.60	14.60	5.80	3.80	8.60	8.20	43.50	27.40	11.00	5.00	5.00		
16	2.25	20.50	13.80	4.60	5.60	10.60	14.60	96.00	18.50	10.20	4.60	4.60		
17	2.55	29.20	14.20	4.20	5.20	8.60	15.00	66.00	26.80	9.80	4.60	4.40		
18	2.25	24.50	9.40	4.60	8.20	7.00	22.50	44.80	22.00	13.00	4.60	4.20		
19	1.95	21.50	10.20	9.80	4.80	6.00	23.00	37.00	34.00	23.50	4.40	4.20		
20	1.95	16.50	9.00	6.60	4.00	5.20	25.00	39.60	26.80	35.80	4.40	4.80		
21	1.80	8.60	6.60	8.60	3.80	4.60	37.65	32.80	38.95	16.00	4.40	4.40		
22	1.80	6.60	7.00	11.80	3.40	4.80	29.80	28.00	21.50	13.00	4.20	4.00		
23	1.65	9.00	6.20	20.00	3.00	6.60	38.30	24.00	17.00	11.80	4.20	3.80		
24	1.65	6.40	5.80	9.40	3.80	6.20	100.00	21.50	14.60	10.60	4.20	3.60		
25	1.50	5.00	5.80	8.20	5.00	6.40	71.00	19.00	13.80	9.40	5.20	3.60		
26	1.50	4.40	6.00	6.40	3.40	6.60	41.55	17.50	13.00	17.50	6.20	3.80		
27	1.80	4.40	5.80	5.80	3.00	4.80	28.60	16.00	12.60	11.40	5.40	5.40		
28	2.85	4.20	6.60	6.20	3.00	4.20	28.00	14.20	11.80	10.20	8.60	3.80		
29	10.20	4.40	4.80	9.80	3.80	3.80	22.00	13.00	10.60	9.00	6.80	3.60		
30	24.50	6.00	4.20	6.00	16.00	4.20	18.00	12.60	9.80	8.20		3.60		
31		5.00		5.80	5.00		23.50		9.00	7.40		3.40		
Total	95.45	294.00	514.10	218.00	141.00	213.80	638.50	1460.85	614.05	597.20	165.60	170.60	5123.15	CMSDAY
Mean	3.18	9.48	17.14	7.03	4.55	7.13	20.60	48.69	19.81	19.26	5.71	5.50	14.00	CMS
Max	24.50	29.20	70.00	20.00	16.00	22.00	100.00	200.00	70.00	106.00	9.00	13.40	200.00	CMS
Min	1.50	4.20	4.20	3.60	3.00	3.60	4.20	11.40	9.00	7.40	4.20	3.40	1.50	CMS
Runoff	8.25	25.40	44.42	18.84	12.18	18.47	55.17	126.22	53.05	51.60	14.31	14.74	442.64	MCM
Momentary Peak	428.70 CMS. at 31.82 m. (MSL.) at 18.00 Hours , on Nov 7, 2007													
Runoff Yield	29.54	Liters/Second/Square KM.		Momentary Peak Yield		902.32	Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Tha Taphao at Ban Wang Khrok , Chumphon (X.158)

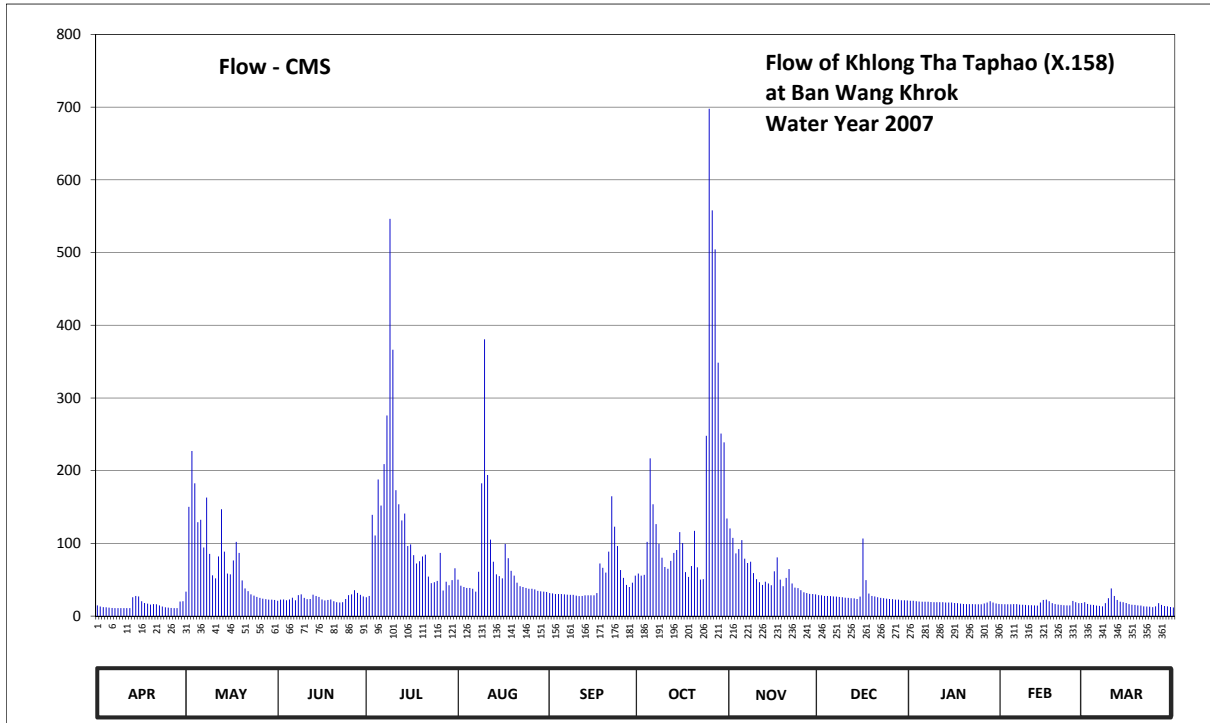
Lat 10 - 35 - 34 N Long 99 - 08 - 43 E

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.		
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 meters from the top staff gage.	Elevation	+11.796 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	1990 to date		
Rated by Flot	-		
Rated by Current Meter	1990 to date		
Stability of Channel Regimes	Stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.29	3.84	3.49	3.63	4.17	3.79	4.31	5.23	3.71	3.49	3.35	3.43	
2	3.24	5.58	3.53	3.68	4.03	3.78	4.26	5.07	3.70	3.49	3.34	3.36	
3	3.21	6.43	3.54	5.45	4.00	3.75	4.28	4.77	3.68	3.47	3.34	3.32	
4	3.20	5.96	3.51	5.11	3.97	3.75	5.00	4.86	3.68	3.46	3.34	3.31	
5	3.18	5.33	3.54	6.02	3.97	3.75	6.33	5.03	3.67	3.45	3.35	3.28	
6	3.16	5.37	3.61	5.60	3.94	3.74	5.62	4.65	3.66	3.45	3.35	3.27	
7	3.15	4.89	3.51	6.25	3.84	3.73	5.30	4.55	3.65	3.45	3.33	3.25	
8	3.15	5.73	3.71	6.92	4.35	3.72	4.96	4.58	3.64	3.44	3.32	3.39	
9	3.15	4.76	3.74	8.89	5.96	3.72	4.67	4.32	3.63	3.43	3.31	3.59	
10	3.15	4.27	3.60	7.68	7.79	3.69	4.46	4.18	3.61	3.43	3.30	3.95	
11	3.15	4.20	3.55	5.85	6.09	3.67	4.42	4.11	3.60	3.43	3.30	3.68	
12	3.15	4.70	3.56	5.62	5.04	3.68	4.60	4.05	3.59	3.43	3.29	3.52	
13	3.63	5.54	3.73	5.36	4.58	3.70	4.78	4.12	3.58	3.42	3.28	3.45	
14	3.68	4.81	3.68	5.47	4.29	3.70	4.84	4.08	3.56	3.42	3.42	3.43	
15	3.66	4.31	3.64	4.92	4.25	3.70	5.17	4.04	3.65	3.42	3.52	3.40	
16	3.47	4.29	3.54	4.95	4.20	3.70	4.98	4.36	5.06	3.40	3.53	3.35	
17	3.40	4.61	3.50	4.73	4.96	3.79	4.34	4.68	4.16	3.39	3.47	3.32	
18	3.37	5.00	3.52	4.54	4.66	4.54	4.23	4.17	3.77	3.37	3.39	3.31	
19	3.33	4.78	3.54	4.59	4.37	4.44	4.48	4.02	3.68	3.36	3.35	3.29	
20	3.35	4.15	3.47	4.70	4.26	4.33	5.19	4.21	3.66	3.35	3.33	3.28	
21	3.34	3.95	3.43	4.74	4.10	4.81	4.45	4.41	3.63	3.35	3.31	3.25	
22	3.29	3.86	3.42	4.24	4.02	5.75	4.17	4.08	3.60	3.35	3.30	3.24	
23	3.24	3.74	3.43	4.09	4.00	5.26	4.18	3.98	3.59	3.34	3.29	3.23	
24	3.20	3.69	3.56	4.11	3.97	4.92	6.64	3.96	3.57	3.34	3.29	3.21	
25	3.18	3.64	3.71	4.14	3.94	4.39	9.73	3.89	3.56	3.34	3.48	3.25	
26	3.16	3.60	3.74	4.78	3.94	4.21	9.75	3.82	3.55	3.38	3.43	3.39	
27	3.15	3.57	3.89	3.88	3.92	4.05	9.54	3.79	3.53	3.42	3.39	3.31	
28	3.15	3.55	3.80	4.12	3.87	4.00	8.25	3.76	3.53	3.47	3.40	3.26	
29	3.46	3.53	3.72	4.04	3.85	4.10	6.67	3.75	3.51	3.42	3.52	3.25	
30	3.47	3.53	3.66	4.16	3.84	4.26	6.55	3.74	3.51	3.38		3.22	
31		3.52		4.43	3.83		5.39		3.50	3.36		3.19	
Mean	3.29	4.48	3.60	5.05	4.39	4.08	5.53	4.28	3.68	3.41	3.37	3.35	
Max	3.68	6.43	3.89	8.89	7.79	5.75	9.75	5.23	5.06	3.49	3.53	3.95	9.75
Min	3.15	3.52	3.42	3.63	3.83	3.67	4.17	3.74	3.50	3.34	3.28	3.19	3.15
Annual Max Momentary Gage Height	10.16		m. (MSL.) ,				at 01.00 Hours ,						on Oct 26, 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	0.21		m. (MSL.)				
Left Bank Elevation		14.50		m. (MSL.) ,									
Right Bank Elevation		14.45		m. (MSL.) ,		Drainage Are	1,814		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	14.70	33.60	21.15	26.05	50.20	31.65	58.60	120.55	28.85	21.15	16.50	19.05		
2	13.20	150.30	22.55	27.80	41.80	31.30	55.60	107.60	28.50	21.15	16.20	16.80		
3	12.30	227.00	22.90	139.25	40.00	30.25	56.80	86.20	27.80	20.45	16.20	15.60		
4	12.00	182.60	21.85	110.80	38.80	30.25	102.00	92.20	27.80	20.10	16.20	15.30		
5	11.60	129.05	22.90	187.80	38.80	30.25	217.00	104.40	27.45	19.75	16.50	14.40		
6	11.20	132.45	25.35	152.00	37.60	29.90	153.70	79.00	27.10	19.75	16.50	14.10		
7	11.00	94.30	21.85	209.00	33.60	29.55	126.50	73.00	26.75	19.75	15.90	13.50		
8	11.00	163.05	28.85	276.00	61.00	29.20	99.20	74.80	26.40	19.40	15.60	17.70		
9	11.00	85.60	29.90	546.30	182.60	29.20	80.20	59.20	26.05	19.05	15.30	24.65		
10	11.00	56.20	25.00	366.40	380.70	28.15	67.60	50.80	25.35	19.05	15.00	38.00		
11	11.00	52.00	23.25	173.25	194.10	27.45	65.20	46.60	25.00	19.05	15.00	27.80		
12	11.00	82.00	23.60	153.70	105.20	27.80	76.00	43.00	24.65	19.05	14.70	22.20		
13	26.05	146.90	29.55	131.60	74.80	28.50	86.80	47.20	24.30	18.70	14.40	19.75		
14	27.80	88.70	27.80	140.95	57.40	28.50	90.80	44.80	23.60	18.70	18.70	19.05		
15	27.10	58.60	26.40	96.40	55.00	28.50	115.60	42.40	26.75	18.70	22.20	18.00		
16	20.45	57.40	22.90	98.50	52.00	28.50	100.60	61.60	106.80	18.00	22.55	16.50		
17	18.00	76.60	21.50	83.80	99.20	31.65	60.40	80.80	49.60	17.70	20.45	15.60		
18	17.10	102.00	22.20	72.40	79.60	72.40	53.80	50.20	30.95	17.10	17.70	15.30		
19	15.90	86.80	22.90	75.40	62.20	66.40	68.80	41.20	27.80	16.80	16.50	14.70		
20	16.50	49.00	20.45	82.00	55.60	59.80	117.20	52.60	27.10	16.50	15.90	14.40		
21	16.20	38.00	19.05	84.40	46.00	88.70	67.00	64.60	26.05	16.50	15.30	13.50		
22	14.70	34.40	18.70	54.40	41.20	164.75	50.20	44.80	25.00	16.50	15.00	13.20		
23	13.20	29.90	19.05	45.40	40.00	123.10	50.80	39.20	24.65	16.20	14.70	12.90		
24	12.00	28.15	23.60	46.60	38.80	96.40	248.00	38.40	23.95	16.20	14.70	12.30		
25	11.60	26.40	28.85	48.40	37.60	63.40	697.70	35.60	23.60	16.20	20.80	13.50		
26	11.20	25.00	29.90	86.80	37.60	52.60	558.00	32.80	23.25	17.40	19.05	17.70		
27	11.00	23.95	35.60	35.20	36.80	43.00	504.30	31.65	22.55	18.70	17.70	15.30		
28	11.00	23.25	32.00	47.20	34.80	40.00	348.50	30.60	22.55	20.45	18.00	13.80		
29	20.10	22.55	29.20	42.40	34.00	46.00	251.00	30.25	21.85	18.70	22.20	13.50		
30	20.45	22.55	27.10	49.60	33.60	55.60	239.00	29.90	21.85	17.40		12.60		
31		22.20		65.80	33.20		134.15		21.50	16.80		11.80		
Total	451.35	2350.50	745.90	3755.60	2153.80	1472.75	5001.05	1735.95	895.40	570.95	495.45	522.50	20151.20	CMSDAY
Mean	15.04	75.82	24.86	121.15	69.48	49.09	161.32	57.86	28.88	18.42	17.08	16.85	55.06	CMS
Max	27.80	227.00	35.60	546.30	380.70	164.75	697.70	120.55	106.80	21.15	22.55	38.00	697.70	CMS
Min	11.00	22.20	18.70	26.05	33.20	27.45	50.20	29.90	21.50	16.20	14.40	11.80	11.00	CMS
Runoff	39.00	203.08	64.45	324.48	186.09	127.25	432.09	149.99	77.36	49.33	42.81	45.14	1741.06	MCM
Momentary Peak		762.40	CMS.	at 10.16 m. (MSL.) at 01.00 Hours , on Oct 26, 2007										
Runoff Yield		30.43	Liters/Second/Square KM.		Momentary Peak Yield	420.29	Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Nai Khieo at Ban Thon Hong, Nakhon Si Thammarat (X.165)

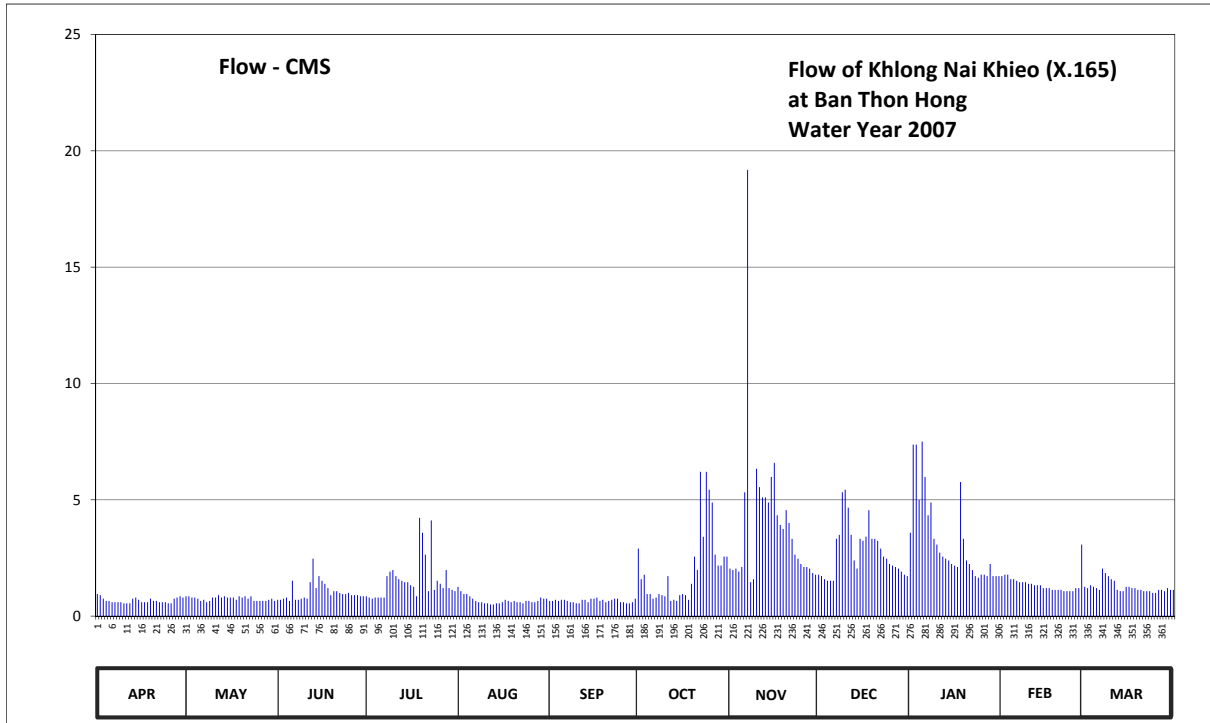
Lat 08 - 33 - 47 N Long 99 - 48 - 59 E

Location : on right bank at Ban Thon Hong.

	Ban Thon Hong	Amphoe Phrom Khiri	Changwat Nakhon Si Thammarat
Drainage Area	25 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 9 meters from the top staff gage.	Elevation	+30.057 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	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. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.19	21.17	21.14	21.17	21.24	21.13	21.47	21.36	21.32	21.55	21.31	21.24	
2	21.18	21.17	21.14	21.16	21.21	21.13	21.29	21.35	21.31	21.89	21.32	21.23	
3	21.15	21.16	21.15	21.15	21.19	21.14	21.32	21.36	21.29	21.89	21.32	21.25	
4	21.13	21.16	21.16	21.16	21.19	21.13	21.19	21.34	21.28	21.69	21.29	21.24	
5	21.13	21.15	21.13	21.16	21.17	21.14	21.19	21.37	21.28	21.90	21.29	21.23	
6	21.12	21.13	21.28	21.16	21.15	21.14	21.15	21.72	21.28	21.78	21.28	21.22	
7	21.12	21.14	21.14	21.16	21.13	21.13	21.16	22.51	21.52	21.63	21.27	21.36	
8	21.12	21.12	21.14	21.31	21.12	21.12	21.19	21.27	21.54	21.68	21.27	21.33	
9	21.12	21.13	21.15	21.34	21.12	21.12	21.18	21.29	21.72	21.52	21.27	21.31	
10	21.11	21.16	21.16	21.35	21.11	21.11	21.17	21.81	21.73	21.49	21.26	21.29	
11	21.11	21.16	21.15	21.31	21.11	21.11	21.31	21.74	21.66	21.45	21.26	21.28	
12	21.11	21.18	21.27	21.29	21.10	21.14	21.13	21.70	21.54	21.43	21.25	21.22	
13	21.15	21.16	21.42	21.28	21.10	21.14	21.14	21.70	21.41	21.42	21.25	21.21	
14	21.16	21.17	21.23	21.27	21.11	21.12	21.13	21.68	21.36	21.41	21.25	21.21	
15	21.14	21.16	21.31	21.27	21.11	21.15	21.18	21.78	21.52	21.39	21.23	21.24	
16	21.12	21.16	21.28	21.25	21.12	21.15	21.19	21.83	21.51	21.38	21.23	21.24	
17	21.12	21.16	21.26	21.24	21.14	21.16	21.18	21.63	21.53	21.37	21.23	21.23	
18	21.12	21.14	21.23	21.17	21.13	21.13	21.14	21.59	21.65	21.76	21.22	21.23	
19	21.15	21.17	21.18	21.62	21.12	21.14	21.26	21.57	21.52	21.52	21.22	21.22	
20	21.13	21.16	21.21	21.55	21.13	21.12	21.43	21.65	21.52	21.41	21.22	21.22	
21	21.13	21.17	21.21	21.44	21.12	21.13	21.35	21.60	21.51	21.39	21.22	21.21	
22	21.12	21.15	21.20	21.21	21.12	21.14	21.80	21.52	21.47	21.35	21.21	21.21	
23	21.12	21.17	21.19	21.61	21.11	21.15	21.53	21.44	21.43	21.31	21.21	21.21	
24	21.12	21.13	21.19	21.22	21.13	21.15	21.80	21.42	21.42	21.30	21.21	21.20	
25	21.11	21.13	21.20	21.28	21.13	21.12	21.73	21.39	21.39	21.32	21.21	21.20	
26	21.11	21.13	21.18	21.26	21.12	21.12	21.68	21.37	21.38	21.32	21.23	21.22	
27	21.15	21.13	21.18	21.23	21.12	21.11	21.44	21.37	21.37	21.31	21.23	21.22	
28	21.16	21.13	21.18	21.35	21.13	21.11	21.38	21.36	21.36	21.39	21.49	21.21	
29	21.17	21.14	21.17	21.23	21.16	21.12	21.38	21.33	21.34	21.31	21.29	21.23	
30	21.16	21.15	21.17	21.22	21.15	21.15	21.43	21.32	21.32	21.31	21.21	21.22	
31		21.13		21.21	21.15		21.43		21.31	21.31		21.22	
Mean	21.13	21.15	21.20	21.28	21.14	21.13	21.33	21.55	21.44	21.49	21.26	21.24	
Max	21.19	21.18	21.42	21.62	21.24	21.16	21.80	22.51	21.73	21.90	21.49	21.36	22.51
Min	21.11	21.12	21.13	21.15	21.10	21.11	21.13	21.27	21.28	21.30	21.21	21.20	21.10
Annual Max Momentary Gage Height	22.61		m. (MSL.) ,				at 09.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 20.77		m. (MSL.)				
Left Bank Elevation		31.43		m. (MSL.) ,									
Right Bank Elevation		31.47		m. (MSL.) ,			Drainage Are 25		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual			
1	0.95	0.85	0.70	0.85	1.26	0.65	2.90	2.04	1.78	3.58	1.72	1.26				
2	0.90	0.85	0.70	0.80	1.07	0.65	1.59	1.98	1.72	7.37	1.78	1.20				
3	0.75	0.80	0.75	0.75	0.95	0.70	1.78	2.04	1.59	7.37	1.78	1.33				
4	0.65	0.80	0.80	0.80	0.95	0.65	0.95	1.91	1.52	4.99	1.59	1.26				
5	0.65	0.75	0.65	0.80	0.85	0.70	0.95	2.11	1.52	7.50	1.59	1.20				
6	0.60	0.65	1.52	0.80	0.75	0.70	0.75	5.32	1.52	5.98	1.52	1.13				
7	0.60	0.70	0.70	0.80	0.65	0.65	0.80	19.18	3.32	4.33	1.46	2.04				
8	0.60	0.60	0.70	1.72	0.60	0.60	0.95	1.46	3.49	4.88	1.46	1.85				
9	0.60	0.65	0.75	1.91	0.60	0.60	0.90	1.59	5.32	3.32	1.46	1.72				
10	0.55	0.80	0.80	1.98	0.55	0.55	0.85	6.33	5.43	3.07	1.39	1.59				
11	0.55	0.80	0.75	1.72	0.55	0.55	1.72	5.54	4.66	2.73	1.39	1.52				
12	0.55	0.90	1.46	1.59	0.50	0.70	0.65	5.10	3.49	2.56	1.33	1.13				
13	0.75	0.80	2.47	1.52	0.50	0.70	0.70	5.10	2.39	2.47	1.33	1.07				
14	0.80	0.85	1.20	1.46	0.55	0.60	0.65	4.88	2.04	2.39	1.33	1.07				
15	0.70	0.80	1.72	1.46	0.55	0.75	0.90	5.98	3.32	2.24	1.20	1.26				
16	0.60	0.80	1.52	1.33	0.60	0.75	0.95	6.59	3.24	2.17	1.20	1.26				
17	0.60	0.80	1.39	1.26	0.70	0.80	0.90	4.33	3.41	2.11	1.20	1.20				
18	0.60	0.70	1.20	0.85	0.65	0.65	0.70	3.92	4.55	5.76	1.13	1.20				
19	0.75	0.85	0.90	4.22	0.60	0.70	1.39	3.75	3.32	3.32	1.13	1.13				
20	0.65	0.80	1.07	3.58	0.65	0.60	2.56	4.55	3.32	2.39	1.13	1.13				
21	0.65	0.85	1.07	2.64	0.60	0.65	1.98	4.00	3.24	2.24	1.13	1.07				
22	0.60	0.75	1.00	1.07	0.60	0.70	6.20	3.32	2.90	1.98	1.07	1.07				
23	0.60	0.85	0.95	4.11	0.55	0.75	3.41	2.64	2.56	1.72	1.07	1.07				
24	0.60	0.65	0.95	1.13	0.65	0.75	6.20	2.47	2.47	1.65	1.07	1.00				
25	0.55	0.65	1.00	1.52	0.65	0.60	5.43	2.24	2.24	1.78	1.07	1.00				
26	0.55	0.65	0.90	1.39	0.60	0.60	4.88	2.11	2.17	1.78	1.20	1.13				
27	0.75	0.65	0.90	1.20	0.60	0.55	2.64	2.11	2.11	1.72	1.20	1.13				
28	0.80	0.65	0.90	1.98	0.65	0.55	2.17	2.04	2.04	2.24	3.07	1.07				
29	0.85	0.70	0.85	1.20	0.80	0.60	2.17	1.85	1.91	1.72	1.59	1.20				
30	0.80	0.75	0.85	1.13	0.75	0.75	2.56	1.78	1.78	1.72		1.13				
31		0.65		1.07	0.75		2.56		1.72	1.72		1.13				
Total	20.15	23.35	31.12	48.64	21.28	19.75	63.74	118.26	86.09	100.80	40.59	38.55	612.32 CMSDAY			
Mean	0.67	0.75	1.04	1.57	0.69	0.66	2.06	3.94	2.78	3.25	1.40	1.24	1.67 CMS			
Max	0.95	0.90	2.47	4.22	1.26	0.80	6.20	19.18	5.43	7.50	3.07	2.04	19.18 CMS			
Min	0.55	0.60	0.65	0.75	0.50	0.55	0.65	1.46	1.52	1.65	1.07	1.00	0.50 CMS			
Runoff	1.74	2.02	2.69	4.20	1.84	1.71	5.51	10.22	7.44	8.71	3.51	3.33	52.90 MCM			
Momentary Peak	21.46	CMS. at 22.61 m. (MSL.) at 09.00 Hours , on Nov 7 , 2007														
Runoff Yield	67.10	Liters/Second/Square KM.											Momentary Peak Yield	858.40	Liters/Second/Square KM.	

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Sao Thong at Ban Sao Thong , Nakhon Si Thammarat (X.167)

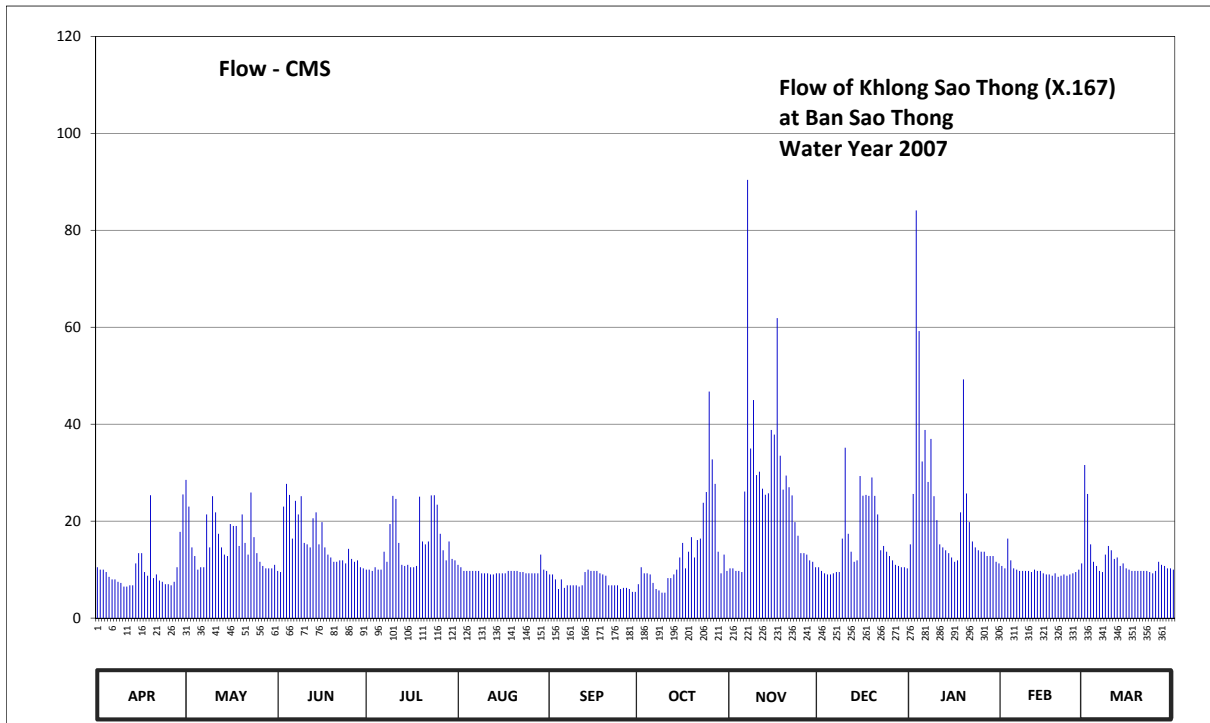
Lat 08 - 16 - 44 N Long 99 - 54 - 30 E

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. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On right bank about 4.50 meters from the top staff gage.	Elevation	+12.456 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	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 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.38	9.25	8.35	8.36	8.40	8.32	8.24	8.37	8.38	8.54	8.39	9.56	
2	8.36	8.75	8.34	8.36	8.38	8.32	8.38	8.37	8.35	8.92	8.37	8.92	
3	8.36	8.52	8.75	8.35	8.35	8.28	8.33	8.35	8.33	11.43	8.58	8.54	
4	8.34	8.46	9.17	8.38	8.35	8.20	8.33	8.35	8.32	10.84	8.43	8.42	
5	8.30	8.36	8.88	8.36	8.35	8.28	8.32	8.34	8.32	9.62	8.37	8.39	
6	8.28	8.38	8.58	8.36	8.35	8.21	8.25	9.01	8.33	10.04	8.36	8.35	
7	8.28	8.38	8.78	8.49	8.35	8.23	8.20	11.52	8.34	9.21	8.35	8.34	
8	8.26	8.71	8.71	8.42	8.35	8.23	8.18	9.80	8.34	9.93	8.35	8.47	
9	8.25	8.52	8.83	8.66	8.33	8.23	8.15	10.32	8.58	8.83	8.35	8.53	
10	8.22	8.83	8.55	8.84	8.33	8.23	8.15	9.35	9.81	8.68	8.35	8.50	
11	8.22	8.72	8.54	8.79	8.33	8.22	8.29	9.42	8.61	8.54	8.34	8.44	
12	8.23	8.61	8.52	8.55	8.32	8.23	8.29	9.07	8.49	8.52	8.36	8.45	
13	8.23	8.52	8.69	8.40	8.32	8.34	8.32	8.89	8.42	8.50	8.35	8.39	
14	8.41	8.47	8.72	8.39	8.33	8.36	8.36	8.95	8.43	8.48	8.35	8.41	
15	8.48	8.46	8.54	8.40	8.33	8.35	8.45	10.04	9.33	8.45	8.33	8.37	
16	8.48	8.66	8.67	8.38	8.33	8.35	8.55	9.99	8.85	8.42	8.32	8.36	
17	8.34	8.65	8.52	8.38	8.33	8.35	8.37	10.93	8.88	8.43	8.32	8.35	
18	8.31	8.65	8.47	8.39	8.35	8.33	8.49	9.70	8.84	8.72	8.31	8.35	
19	8.87	8.53	8.45	8.81	8.35	8.32	8.59	9.05	9.30	10.49	8.33	8.35	
20	8.29	8.71	8.42	8.56	8.35	8.31	8.45	9.34	8.84	8.94	8.30	8.35	
21	8.32	8.55	8.42	8.54	8.35	8.23	8.57	9.10	8.71	8.67	8.31	8.35	
22	8.27	8.47	8.43	8.56	8.34	8.23	8.58	8.86	8.50	8.56	8.32	8.35	
23	8.26	8.98	8.43	8.86	8.34	8.23	8.77	8.67	8.53	8.52	8.31	8.34	
24	8.24	8.59	8.41	8.87	8.33	8.23	9.00	8.60	8.49	8.50	8.32	8.33	
25	8.24	8.48	8.51	8.76	8.33	8.20	10.39	8.48	8.46	8.49	8.33	8.35	
26	8.23	8.42	8.44	8.61	8.33	8.21	9.65	8.48	8.43	8.49	8.34	8.42	
27	8.26	8.39	8.42	8.50	8.33	8.21	9.17	8.47	8.40	8.46	8.36	8.40	
28	8.38	8.37	8.43	8.43	8.33	8.20	8.49	8.43	8.39	8.46	8.41	8.39	
29	8.62	8.37	8.38	8.56	8.47	8.16	8.33	8.42	8.38	8.46	9.07	8.37	
30	8.90	8.37	8.37	8.44	8.36	8.16	8.47	8.38	8.38	8.42	8.33	8.37	
31		8.40		8.43	8.35		8.35		8.37	8.41		8.36	
Mean	8.35	8.57	8.56	8.52	8.35	8.26	8.53	9.10	8.58	8.93	8.38	8.45	
Max	8.90	9.25	9.17	8.87	8.47	8.36	10.39	11.52	9.81	11.43	9.07	9.56	11.52
Min	8.22	8.36	8.34	8.35	8.32	8.16	8.15	8.34	8.32	8.41	8.30	8.33	8.15
Annual Max Momentary Gage Height	11.63			m. (MSL.) ,			at 18.00 Hours , on Jan 3, 2008						
Zero Gage at Bottom Elevation	0.00			m. (MSL.) ,		River Bed	7.66	m. (MSL.)					
Left Bank Elevation		14.14		m. (MSL.) ,									
Right Bank Elevation		14.13		m. (MSL.) ,		Drainage Area	252	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	10.50	28.50	9.75	10.00	11.00	9.00	7.00	10.25	10.50	15.20	10.75	31.60	
2	10.00	23.00	9.50	10.00	10.50	9.00	10.50	10.25	9.75	25.60	10.25	25.60	
3	10.00	14.60	23.00	9.75	9.75	8.00	9.25	9.75	9.25	84.10	16.40	15.20	
4	9.50	12.80	27.70	10.50	9.75	6.00	9.25	9.75	9.00	59.20	11.90	11.60	
5	8.50	10.00	25.40	10.00	9.75	8.00	9.00	9.50	9.00	32.30	10.25	10.75	
6	8.00	10.50	16.40	10.00	9.75	6.25	7.25	26.10	9.25	38.80	10.00	9.75	
7	8.00	10.50	24.20	13.70	9.75	6.75	6.00	90.40	9.50	28.10	9.75	9.50	
8	7.50	21.40	21.40	11.60	9.75	6.75	5.70	35.00	9.50	36.95	9.75	13.10	
9	7.25	14.60	25.15	19.40	9.25	6.75	5.25	45.00	16.40	25.15	9.75	14.90	
10	6.50	25.15	15.50	25.20	9.25	6.75	5.25	29.50	35.15	20.20	9.75	14.00	
11	6.50	21.80	15.20	24.60	9.25	6.50	8.25	30.20	17.40	15.20	9.50	12.20	
12	6.75	17.40	14.60	15.50	9.00	6.75	8.25	26.70	13.70	14.60	10.00	12.50	
13	6.75	14.60	20.60	11.00	9.00	9.50	9.00	25.45	11.60	14.00	9.75	10.75	
14	11.30	13.10	21.80	10.75	9.25	10.00	10.00	25.75	11.90	13.40	9.75	11.30	
15	13.40	12.80	15.20	11.00	9.25	9.75	12.50	38.80	29.30	12.50	9.25	10.25	
16	13.40	19.40	19.80	10.50	9.25	9.75	15.50	37.85	25.25	11.60	9.00	10.00	
17	9.50	19.00	14.60	10.50	9.25	9.75	10.25	61.90	25.40	11.90	9.00	9.75	
18	8.75	19.00	13.10	10.75	9.75	9.25	13.70	33.50	25.20	21.80	8.75	9.75	
19	25.35	14.90	12.50	25.05	9.75	9.00	16.70	26.50	29.00	49.25	9.25	9.75	
20	8.25	21.40	11.60	15.80	9.75	8.75	12.50	29.40	25.20	25.70	8.50	9.75	
21	9.00	15.50	11.60	15.20	9.75	6.75	16.10	27.00	21.40	19.80	8.75	9.75	
22	7.75	13.10	11.90	15.80	9.50	6.75	16.40	25.30	14.00	15.80	9.00	9.75	
23	7.50	25.90	11.90	25.30	9.50	6.75	23.80	19.80	14.90	14.60	8.75	9.50	
24	7.00	16.70	11.30	25.35	9.25	6.75	26.00	17.00	13.70	14.00	9.00	9.25	
25	7.00	13.40	14.30	23.40	9.25	6.00	46.75	13.40	12.80	13.70	9.25	9.75	
26	6.75	11.60	12.20	17.40	9.25	6.25	32.75	13.40	11.90	13.70	9.50	11.60	
27	7.50	10.75	11.60	14.00	9.25	6.25	27.70	13.10	11.00	12.80	10.00	11.00	
28	10.50	10.25	11.90	11.90	9.25	6.00	13.70	11.90	10.75	12.80	11.30	10.75	
29	17.80	10.25	10.50	15.80	13.10	5.40	9.25	11.60	10.50	12.80	26.70	10.25	
30	25.50	10.25	10.25	12.20	10.00	5.40	13.10	10.50	10.50	11.60		10.25	
31		11.00		11.90	9.75		9.75		10.25	11.30		10.00	
Total	302.00	493.15	474.45	463.85	299.85	224.55	426.40	774.55	482.95	708.45	303.55	373.85	5327.60 CMSDAY
Mean	10.07	15.91	15.82	14.96	9.67	7.49	13.75	25.82	15.58	22.85	10.47	12.06	14.56 CMS
Max	25.50	28.50	27.70	25.35	13.10	10.00	46.75	90.40	35.15	84.10	26.70	31.60	90.40 CMS
Min	6.50	10.00	9.50	9.75	9.00	5.40	5.25	9.50	9.00	11.30	8.50	9.25	5.25 CMS
Runoff	26.09	42.61	40.99	40.08	25.91	19.40	36.84	66.92	41.73	61.21	26.23	32.30	460.30 MCM
Momentary Peak	98.85	CMS.	CMS.	at 11.63 m. (MSL.)	at 18.00 Hours	, on Jan 3, 2008							
Runoff Yield	57.92	Liters/Second/Square KM.			Momentary Peak Yield	392.26	Liters/Second/Square KM.						

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlung Thadee at Ban Wang Sai, Nakhon Si Thammarat (X.200)

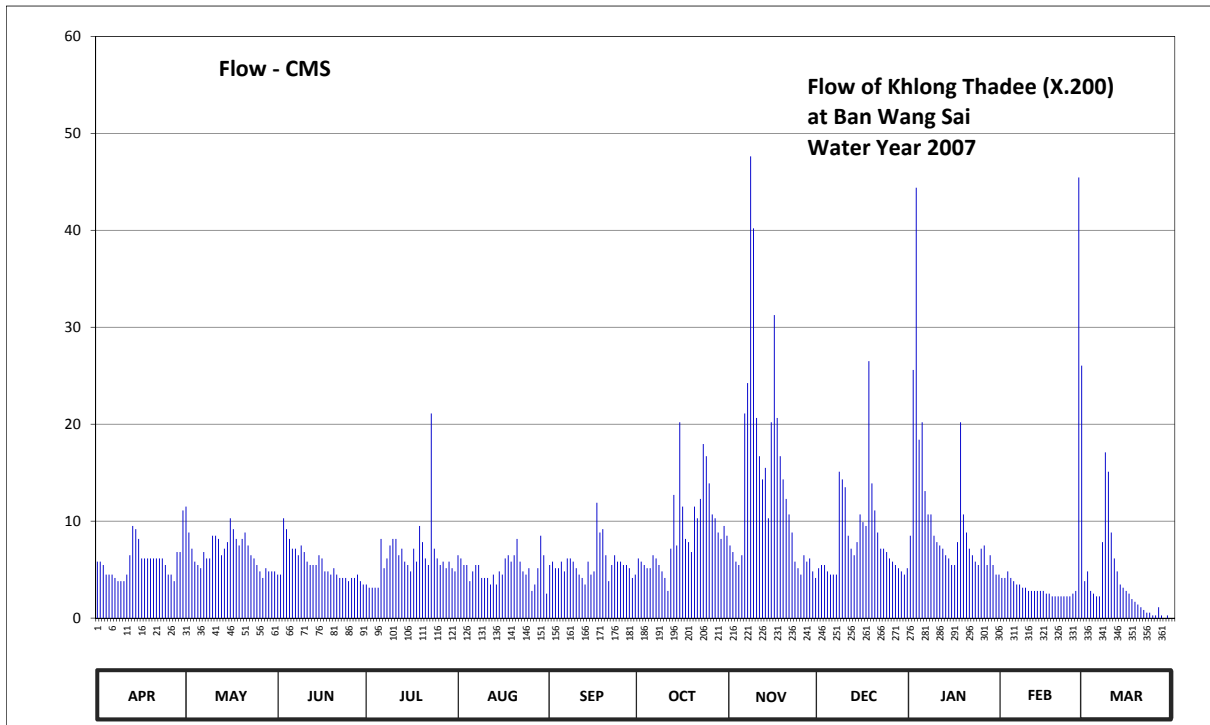
Lat 08 - 24 - 32 N Long 99 - 47 - 54 E

Location : on left bank at Ban Wang Sai.

	Ban Wang Sai	Amphoe Lan Saka	Changwat Nakhon Si Thammarat
Drainage Area	83 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the gage site.	Elevation	+36.394 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.49	31.65	31.45	31.42	31.51	31.48	31.50	31.54	31.47	31.57	31.44	31.43	
2	31.49	31.58	31.45	31.41	31.50	31.49	31.49	31.52	31.48	31.98	31.44	31.46	
3	31.48	31.53	31.62	31.41	31.48	31.47	31.48	31.49	31.48	32.36	31.46	31.40	
4	31.45	31.49	31.59	31.41	31.48	31.47	31.47	31.48	31.46	31.82	31.44	31.39	
5	31.45	31.48	31.56	31.41	31.43	31.49	31.47	31.51	31.45	31.86	31.43	31.38	
6	31.45	31.47	31.53	31.56	31.46	31.46	31.51	31.88	31.45	31.69	31.42	31.38	
7	31.44	31.52	31.53	31.47	31.48	31.50	31.50	31.95	31.45	31.63	31.42	31.55	
8	31.43	31.50	31.51	31.50	31.48	31.50	31.48	32.42	31.74	31.63	31.41	31.79	
9	31.43	31.50	31.54	31.54	31.44	31.49	31.46	32.28	31.72	31.57	31.41	31.74	
10	31.43	31.57	31.52	31.56	31.44	31.47	31.44	31.87	31.70	31.55	31.40	31.58	
11	31.45	31.57	31.49	31.56	31.44	31.45	31.40	31.78	31.57	31.54	31.40	31.50	
12	31.51	31.56	31.48	31.51	31.42	31.44	31.53	31.72	31.53	31.53	31.40	31.46	
13	31.60	31.51	31.48	31.53	31.45	31.42	31.68	31.75	31.51	31.51	31.40	31.42	
14	31.59	31.53	31.48	31.49	31.42	31.49	31.54	31.62	31.55	31.50	31.40	31.41	
15	31.56	31.55	31.51	31.48	31.46	31.45	31.86	31.86	31.63	31.48	31.40	31.40	
16	31.50	31.62	31.50	31.46	31.45	31.46	31.65	32.10	31.61	31.48	31.39	31.39	
17	31.50	31.59	31.46	31.53	31.50	31.66	31.56	31.87	31.60	31.55	31.39	31.37	
18	31.50	31.56	31.46	31.49	31.51	31.58	31.55	31.78	32.00	31.86	31.38	31.36	
19	31.50	31.54	31.45	31.60	31.49	31.59	31.52	31.72	31.71	31.63	31.38	31.35	
20	31.50	31.56	31.47	31.55	31.51	31.51	31.65	31.67	31.64	31.58	31.38	31.34	
21	31.50	31.58	31.45	31.50	31.56	31.43	31.62	31.63	31.58	31.53	31.38	31.33	
22	31.50	31.54	31.44	31.48	31.49	31.48	31.67	31.58	31.53	31.51	31.38	31.32	
23	31.50	31.51	31.44	31.88	31.46	31.51	31.81	31.49	31.53	31.49	31.38	31.32	
24	31.48	31.50	31.44	31.53	31.45	31.49	31.78	31.47	31.52	31.48	31.38	31.31	
25	31.45	31.48	31.43	31.50	31.47	31.49	31.71	31.45	31.50	31.53	31.39	31.31	
26	31.45	31.46	31.44	31.48	31.40	31.48	31.63	31.51	31.49	31.54	31.40	31.34	
27	31.43	31.44	31.44	31.49	31.42	31.48	31.62	31.49	31.48	31.48	32.38	31.31	
28	31.52	31.47	31.45	31.47	31.47	31.47	31.58	31.50	31.47	31.51	31.99	31.30	
29	31.52	31.46	31.43	31.49	31.57	31.44	31.56	31.46	31.46	31.48	31.49	31.31	
30	31.64	31.46	31.42	31.47	31.51	31.45	31.60	31.44	31.45	31.45	31.45	31.29	
31		31.46		31.46	31.39		31.57		31.47	31.45		31.25	
Mean	31.49	31.52	31.48	31.50	31.47	31.49	31.58	31.69	31.56	31.61	31.46	31.40	
Max	31.64	31.65	31.62	31.88	31.57	31.66	31.86	32.42	32.00	32.36	32.38	31.79	32.42
Min	31.43	31.44	31.42	31.41	31.39	31.42	31.40	31.44	31.45	31.45	31.38	31.25	31.25
Annual Max Momentary Gage Height	34.84												at 18.00 Hours , on Nov 8, 2007
Zero Gage at Bottom Elevation	0.00						30.97						m. (MSL.)
Left Bank Elevation		36.44											m. (MSL.)
Right Bank Elevation		36.42					Drainage Are	83					Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.82	11.50	4.48	3.47	6.49	5.48	6.15	7.49	5.15	8.50	4.14	3.81	
2	5.82	8.83	4.48	3.14	6.15	5.82	5.82	6.82	5.48	25.60	4.14	4.81	
3	5.48	7.16	10.30	3.14	5.48	5.15	5.48	5.82	5.48	44.40	4.81	2.80	
4	4.48	5.82	9.17	3.14	5.48	5.15	5.15	5.48	4.81	18.40	4.14	2.52	
5	4.48	5.48	8.16	3.14	3.81	5.82	5.15	6.49	4.48	20.20	3.81	2.24	
6	4.48	5.15	7.16	8.16	4.81	4.81	6.49	21.10	4.48	13.10	3.47	2.24	
7	4.14	6.82	7.16	5.15	5.48	6.15	6.15	24.25	4.48	10.70	3.47	7.83	
8	3.81	6.15	6.49	6.15	5.48	6.15	5.48	47.63	15.10	10.70	3.14	17.10	
9	3.81	6.15	7.49	7.49	4.14	5.82	4.81	40.20	14.30	8.50	3.14	15.10	
10	3.81	8.50	6.82	8.16	4.14	5.15	4.14	20.65	13.50	7.83	2.80	8.83	
11	4.48	8.50	5.82	8.16	4.14	4.48	2.80	16.70	8.50	7.49	2.80	6.15	
12	6.49	8.16	5.48	6.49	3.47	4.14	7.16	14.30	7.16	7.16	2.80	4.81	
13	9.50	6.49	5.48	7.16	4.48	3.47	12.70	15.50	6.49	6.49	2.80	3.47	
14	9.17	7.16	5.48	5.82	3.47	5.82	7.49	10.30	7.83	6.15	2.80	3.14	
15	8.16	7.83	6.49	5.48	4.81	4.48	20.20	20.20	10.70	5.48	2.80	2.80	
16	6.15	10.30	6.15	4.81	4.48	4.81	11.50	31.25	9.90	5.48	2.52	2.52	
17	6.15	9.17	4.81	7.16	6.15	11.90	8.16	20.65	9.50	7.83	2.52	1.96	
18	6.15	8.16	4.81	5.82	6.49	8.83	7.83	16.70	26.50	20.20	2.24	1.68	
19	6.15	7.49	4.48	9.50	5.82	9.17	6.82	14.30	13.90	10.70	2.24	1.40	
20	6.15	8.16	5.15	7.83	6.49	6.49	11.50	12.30	11.10	8.83	2.24	1.12	
21	6.15	8.83	4.48	6.15	8.16	3.81	10.30	10.70	8.83	7.16	2.24	0.84	
22	6.15	7.49	4.14	5.48	5.82	5.48	12.30	8.83	7.16	6.49	2.24	0.56	
23	6.15	6.49	4.14	21.10	4.81	6.49	17.95	5.82	7.16	5.82	2.24	0.56	
24	5.48	6.15	4.14	7.16	4.48	5.82	16.70	5.15	6.82	5.48	2.24	0.28	
25	4.48	5.48	3.81	6.15	5.15	5.82	13.90	4.48	6.15	7.16	2.52	0.28	
26	4.48	4.81	4.14	5.48	2.80	5.48	10.70	6.49	5.82	7.49	2.80	1.12	
27	3.81	4.14	4.14	5.82	3.47	5.48	10.30	5.82	5.48	5.48	45.45	0.28	
28	6.82	5.15	4.48	5.15	5.15	5.15	8.83	6.15	5.15	6.49	26.05	0.00	
29	6.82	4.81	3.81	5.82	8.50	4.14	8.16	4.81	4.81	5.48	5.82	0.28	
30	11.10	4.81	3.47	5.15	6.49	4.48	9.50	4.14	4.48	4.48		0.00	
31		4.81		4.81	2.52		8.50		5.15	4.48		0.00	
Total	176.12	215.95	166.61	197.64	158.61	171.24	278.12	420.52	255.85	319.75	154.42	100.53	2615.36 CMSDAY
Mean	5.87	6.97	5.55	6.38	5.12	5.71	8.97	14.02	8.25	10.31	5.32	3.24	7.15 CMS
Max	11.10	11.50	10.30	21.10	8.50	11.90	20.20	47.63	26.50	44.40	45.45	17.10	47.63 CMS
Min	3.81	4.14	3.47	3.14	2.52	3.47	2.80	4.14	4.48	4.48	2.24	0.00	0.00 CMS
Runoff	15.22	18.66	14.40	17.08	13.70	14.80	24.03	36.33	22.11	27.63	13.34	8.69	225.97 MCM
Momentary Peak	234.40		CMS. at 34.84 m. (MSL.)				at 18.00 Hours						on Nov 8, 2007
Runoff Yield	86.32		Liters/Second/Square KM.				Momentary Peak Yield	2823.76					Liters/Second/Square KM.

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Thadee at Ban Na Pa , Nakhon Si Thammarat (X.203)

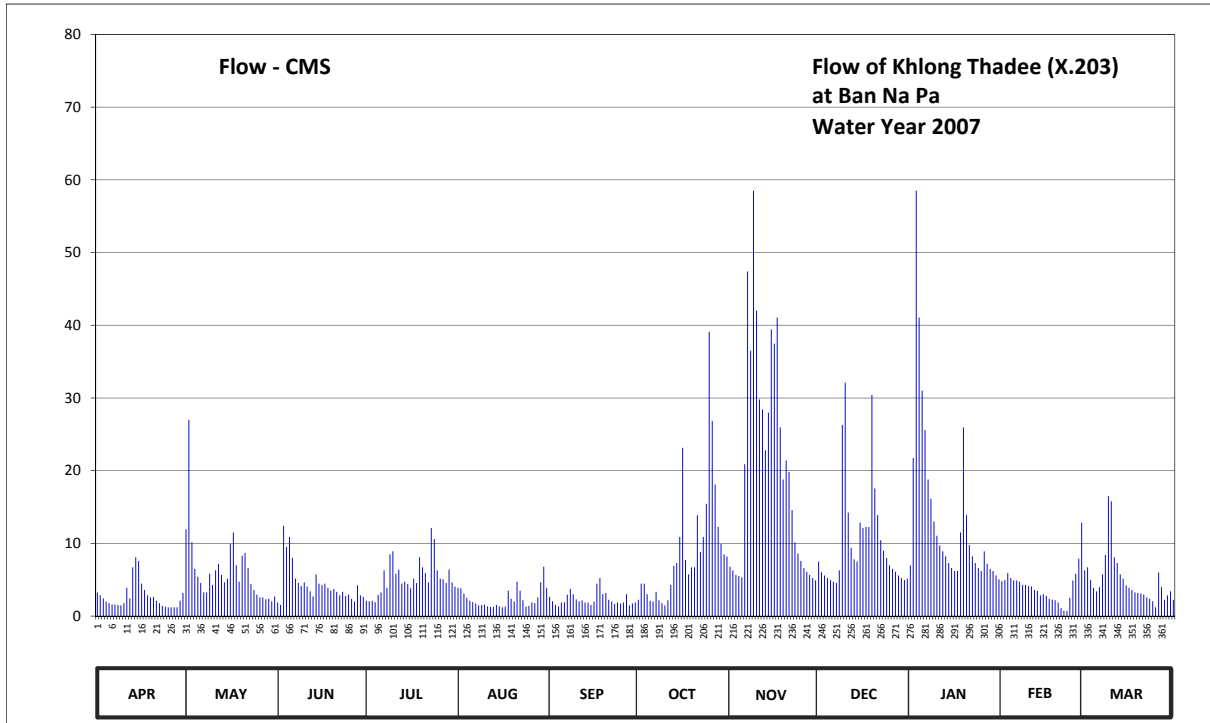
Lat 08 - 23 - 39 N Long 99 - 54 - 55 E

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.			
Overbank Flow Conditions	No overbank flow.			
General Description	Records good. Stage-discharge relation defined by 21 discharge measurements made in 2007.			

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.27	9.13	8.07	8.11	8.35	8.19	8.13	8.68	8.75	8.70	8.46	8.63	
2	8.22	10.00	8.02	8.10	8.34	8.10	8.42	8.63	8.60	9.70	8.48	8.67	
3	8.16	9.01	9.16	8.11	8.25	8.02	8.42	8.56	8.55	10.85	8.59	8.48	
4	8.09	8.65	8.95	8.08	8.17	7.99	8.24	8.54	8.51	10.54	8.51	8.35	
5	8.06	8.53	9.06	8.23	8.11	8.07	8.11	8.52	8.48	10.20	8.47	8.29	
6	8.03	8.43	8.80	8.27	8.08	8.08	8.09	9.65	8.45	9.92	8.47	8.36	
7	8.03	8.27	8.50	8.63	8.05	8.23	8.28	10.68	8.43	9.53	8.45	8.57	
8	8.02	8.27	8.43	8.35	8.01	8.33	8.12	10.40	8.63	9.38	8.40	8.84	
9	8.01	8.58	8.38	8.85	8.02	8.24	8.06	10.85	9.96	9.20	8.40	9.40	
10	8.06	8.40	8.44	8.89	8.03	8.14	8.01	10.57	10.24	9.07	8.38	9.36	
11	8.35	8.63	8.37	8.58	7.99	8.10	8.12	10.14	9.27	8.97	8.37	8.81	
12	8.16	8.72	8.29	8.64	7.97	8.12	8.40	10.07	8.94	8.89	8.31	8.73	
13	8.67	8.56	8.20	8.42	7.98	8.07	8.69	9.76	8.78	8.82	8.30	8.57	
14	8.81	8.44	8.57	8.45	8.02	8.07	8.73	10.05	8.75	8.73	8.22	8.50	
15	8.76	8.50	8.42	8.41	7.99	8.02	9.06	10.49	9.19	8.66	8.24	8.39	
16	8.42	8.99	8.40	8.34	7.96	8.09	9.78	10.43	9.14	8.62	8.21	8.35	
17	8.31	9.10	8.42	8.50	7.98	8.42	8.77	10.54	9.15	8.62	8.15	8.31	
18	8.22	8.70	8.35	8.43	8.30	8.51	8.57	9.94	9.15	9.10	8.13	8.27	
19	8.18	8.45	8.30	8.81	8.15	8.24	8.67	9.53	10.17	9.94	8.12	8.26	
20	8.19	8.83	8.33	8.67	8.09	8.26	8.67	9.68	9.46	9.25	8.07	8.25	
21	8.11	8.87	8.28	8.59	8.45	8.13	9.25	9.59	9.25	8.98	7.94	8.23	
22	8.06	8.66	8.22	8.44	8.30	8.09	8.88	9.29	9.03	8.82	7.87	8.18	
23	8.00	8.41	8.28	9.14	8.12	8.04	9.06	9.01	8.90	8.73	7.86	8.15	
24	7.98	8.31	8.21	9.04	7.98	8.07	9.34	8.86	8.80	8.66	8.17	8.10	
25	7.96	8.23	8.23	8.63	8.00	8.05	10.48	8.76	8.70	8.62	8.47	7.96	
26	7.96	8.18	8.15	8.50	8.07	8.07	9.99	8.66	8.65	8.89	8.58	8.60	
27	7.96	8.18	8.09	8.49	8.06	8.24	9.49	8.61	8.61	8.72	8.79	8.36	
28	7.96	8.14	8.39	8.43	8.18	8.01	9.15	8.56	8.55	8.65	9.19	8.13	
29	8.11	8.15	8.22	8.64	8.44	8.05	8.99	8.51	8.51	8.62	8.94	8.22	
30	8.26	8.10	8.19	8.44	8.68	8.07	8.85	8.47	8.48	8.55	8.55	8.29	
31		8.20		8.37	8.35		8.82		8.50	8.49		8.13	
Mean	8.18	8.57	8.39	8.50	8.14	8.14	8.76	9.47	8.92	9.11	8.36	8.44	
Max	8.81	10.00	9.16	9.14	8.68	8.51	10.48	10.85	10.24	10.85	9.19	9.40	10.85
Min	7.96	8.10	8.02	8.08	7.96	7.99	8.01	8.47	8.43	8.49	7.86	7.96	7.86
Annual Max Momentary Gage Height	10.94												
Zero Gage at Bottom Elevation	0.00												
Left Bank Elevation	12.41												
Right Bank Elevation	12.32												
Annual Max Momentary Gage Height	10.94 m. (MSL.) ,				at 04.00 Hours , on Nov 9, 2007								
Zero Gage at Bottom Elevation	0.00 m. (MSL.) ,				River Bed 7.49 m. (MSL.)								
Left Bank Elevation	12.41 m. (MSL.) ,												
Right Bank Elevation	12.32 m. (MSL.) ,				Drainage Area 120 Square Kilometers								



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.26	11.95	1.86	2.12	3.90	2.64	2.25	6.80	7.50	7.00	4.81	6.30		
2	2.86	27.00	1.53	2.05	3.82	2.05	4.47	6.30	6.00	21.75	4.98	6.70		
3	2.44	10.15	12.40	2.12	3.10	1.53	4.47	5.66	5.58	58.50	5.92	4.98		
4	1.99	6.50	9.50	1.92	2.51	1.35	3.02	5.49	5.24	41.05	5.24	3.90		
5	1.79	5.41	10.90	2.94	2.12	1.86	2.12	5.32	4.98	31.00	4.90	3.42		
6	1.60	4.56	8.00	3.26	1.92	1.92	1.99	20.88	4.73	25.60	4.90	3.98		
7	1.60	3.26	5.15	6.30	1.73	2.94	3.34	47.40	4.56	18.78	4.73	5.75		
8	1.53	3.26	4.56	3.90	1.47	3.74	2.18	36.50	6.30	16.15	4.30	8.40		
9	1.47	5.83	4.14	8.50	1.53	3.02	1.79	58.50	26.30	13.00	4.30	16.50		
10	1.79	4.30	4.64	8.90	1.60	2.31	1.47	42.03	32.10	11.05	4.14	15.80		
11	3.90	6.30	4.06	5.83	1.35	2.05	2.18	29.80	14.23	9.70	4.06	8.10		
12	2.44	7.20	3.42	6.40	1.25	2.18	4.30	28.40	9.40	8.90	3.58	7.30		
13	6.70	5.66	2.70	4.47	1.30	1.86	6.90	22.80	7.80	8.20	3.50	5.75		
14	8.10	4.64	5.75	4.73	1.53	1.86	7.30	28.00	7.50	7.30	2.86	5.15		
15	7.60	5.15	4.47	4.39	1.35	1.53	10.90	39.43	12.85	6.60	3.02	4.22		
16	4.47	9.90	4.30	3.82	1.20	1.99	23.15	37.48	12.10	6.20	2.78	3.90		
17	3.58	11.50	4.47	5.15	1.30	4.47	7.70	41.05	12.25	6.20	2.38	3.58		
18	2.86	7.00	3.90	4.56	3.50	5.24	5.75	25.95	12.25	11.50	2.25	3.26		
19	2.57	4.73	3.50	8.10	2.38	3.02	6.70	18.78	30.40	25.95	2.18	3.18		
20	2.64	8.30	3.74	6.70	1.99	3.18	6.70	21.40	17.55	13.88	1.86	3.10		
21	2.12	8.70	3.34	5.92	4.73	2.25	13.88	19.83	13.88	9.80	1.10	2.94		
22	1.79	6.60	2.86	4.64	3.50	1.99	8.80	14.58	10.45	8.20	0.75	2.57		
23	1.40	4.39	3.34	12.10	2.18	1.66	10.90	10.15	9.00	7.30	0.70	2.38		
24	1.30	3.58	2.78	10.60	1.30	1.86	15.45	8.60	8.00	6.60	2.51	2.05		
25	1.20	2.94	2.94	6.30	1.40	1.73	39.10	7.60	7.00	6.20	4.90	1.20		
26	1.20	2.57	2.38	5.15	1.86	1.86	26.83	6.60	6.50	8.90	5.83	6.00		
27	1.20	2.57	1.99	5.07	1.79	3.02	18.08	6.10	6.10	7.20	7.90	3.98		
28	1.20	2.31	4.22	4.56	2.57	1.47	12.25	5.66	5.58	6.50	12.85	2.25		
29	2.12	2.38	2.86	6.40	4.64	1.73	9.90	5.24	5.24	6.20	9.40	2.86		
30	3.18	2.05	2.64	4.64	6.80	1.86	8.50	4.90	4.98	5.58		3.42		
31		2.70		4.06	3.90		8.20		5.15	5.07		2.25		
Total	81.90	193.39	132.34	165.60	75.52	70.17	280.57	617.23	321.50	425.86	122.63	155.17	2641.88	CMSDAY
Mean	2.73	6.24	4.41	5.34	2.44	2.34	9.05	20.57	10.37	13.74	4.23	5.01	7.22	CMS
Max	8.10	27.00	12.40	12.10	6.80	5.24	39.10	58.50	32.10	58.50	12.85	16.50	58.50	CMS
Min	1.20	2.05	1.53	1.92	1.20	1.35	1.47	4.90	4.56	5.07	0.70	1.20	0.70	CMS
Runoff	7.08	16.71	11.43	14.31	6.52	6.06	24.24	53.33	27.78	36.79	10.60	13.41	228.26	MCM
Momentary Peak	66.60 CMS. at 10.94 m. (MSL.) at 04.00 Hours , on Nov 9, 2007													
Runoff Yield	60.29 Liters/Second/Square KM. Momentary Peak Yield 554.77 Liters/Second/Square KM.													

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Upper Khlong Lang Suan at Ban Phato , Chumphon (X.213)

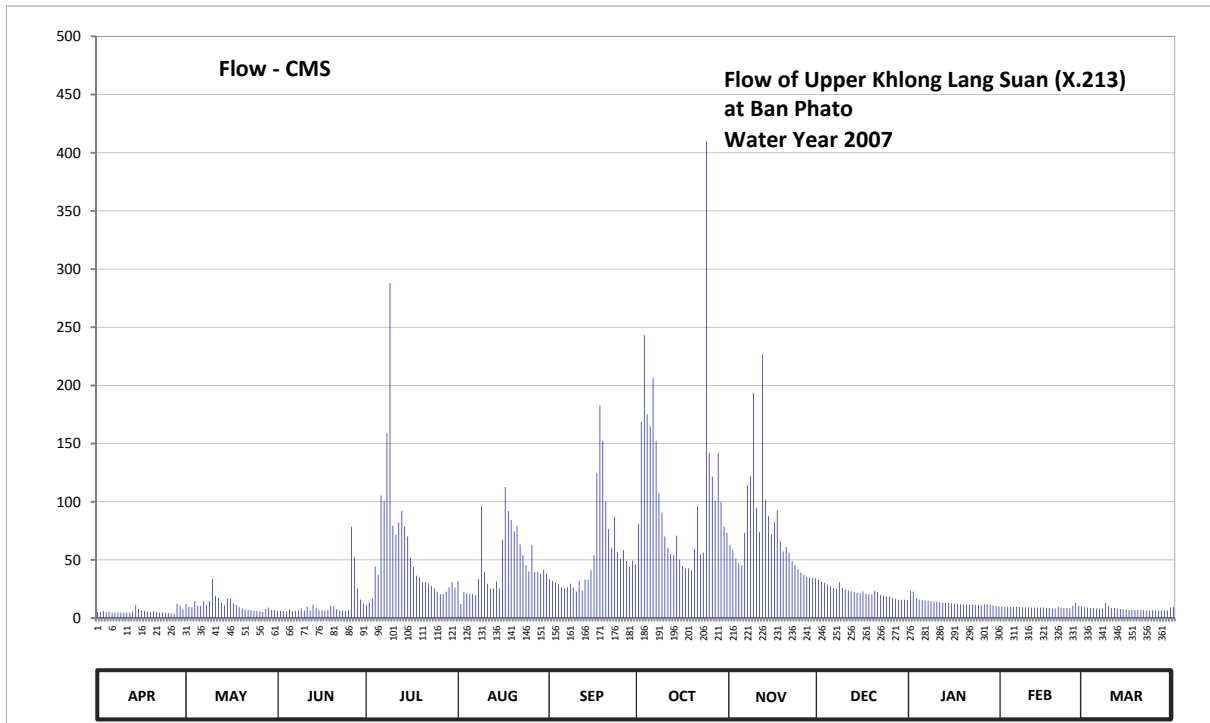
Lat 09 - 46 - 55 N Long 98 - 46 - 55 E

Location : on left bank at the bridge.

	Ban Phato	Amphoe Phato	Changwat Chumphon
Drainage Area	714 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	53.360 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	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 good. Stage-discharge relation defined by 35 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.92	42.25	41.97	42.21	42.90	42.94	43.84	43.58	42.92	42.67	42.15	42.12	
2	41.92	42.14	41.96	42.31	42.24	42.90	44.89	43.50	42.89	42.65	42.14	42.11	
3	41.96	42.12	41.95	42.43	42.65	42.86	45.62	43.36	42.86	42.45	42.13	42.08	
4	41.91	42.34	41.94	43.21	42.61	42.83	44.96	43.27	42.82	42.40	42.14	42.08	
5	41.94	42.17	42.03	43.03	42.59	42.76	44.85	43.23	42.78	42.38	42.14	42.06	
6	41.88	42.17	41.96	44.18	42.59	42.73	45.28	43.73	42.74	42.37	42.13	42.05	
7	41.89	42.34	41.96	44.12	42.55	42.76	44.72	44.29	42.72	42.36	42.13	42.06	
8	41.89	42.21	41.98	44.79	42.94	42.84	44.20	44.39	42.87	42.34	42.12	42.29	
9	41.88	42.35	42.07	46.00	44.06	42.75	43.98	45.15	42.74	42.33	42.12	42.17	
10	41.88	42.94	41.98	43.82	43.09	42.65	43.69	44.04	42.71	42.32	42.11	42.09	
11	41.88	42.53	42.15	43.71	42.84	42.90	43.54	43.74	42.68	42.30	42.10	42.08	
12	41.89	42.46	41.97	43.86	42.72	42.67	43.44	45.47	42.66	42.29	42.10	42.06	
13	41.94	42.28	42.22	44.00	42.73	42.93	43.42	44.13	42.64	42.28	42.10	42.04	
14	42.20	42.20	42.09	43.81	42.89	42.93	43.70	43.94	42.62	42.28	42.10	42.03	
15	42.04	42.43	41.99	43.69	42.73	43.13	43.34	43.71	42.61	42.27	42.10	42.02	
16	41.98	42.45	41.97	43.38	43.65	43.42	43.21	43.87	42.66	42.26	42.08	42.00	
17	41.96	42.26	41.95	43.20	44.27	44.42	43.17	44.01	42.60	42.25	42.08	42.00	
18	41.93	42.21	41.99	43.01	44.00	45.04	43.17	43.63	42.58	42.24	42.07	42.00	
19	41.91	42.12	42.18	42.98	43.89	44.72	43.13	43.48	42.57	42.23	42.07	41.99	
20	41.95	42.07	42.18	42.87	43.75	44.11	43.52	43.55	42.67	42.23	42.14	41.99	
21	41.91	42.02	42.03	42.88	43.82	43.78	44.06	43.46	42.64	42.22	42.10	41.99	
22	41.88	42.01	41.98	42.85	43.59	43.54	43.43	43.31	42.55	42.22	42.09	41.98	
23	41.89	41.99	41.97	42.79	43.42	43.93	43.46	43.23	42.52	42.21	42.08	41.98	
24	41.88	41.97	41.96	42.73	43.23	43.47	46.88	43.15	42.50	42.21	42.07	41.99	
25	41.87	41.95	41.99	42.65	43.10	43.35	44.61	43.08	42.49	42.20	42.18	41.98	
26	41.85	41.94	43.81	42.58	43.58	43.50	44.38	43.03	42.45	42.23	42.28	41.98	
27	41.84	41.92	43.39	42.59	43.09	43.32	44.12	42.99	42.42	42.23	42.17	41.97	
28	42.25	42.05	42.73	42.65	43.10	43.20	44.61	42.97	42.40	42.22	42.16	41.97	
29	42.18	42.11	42.40	42.76	43.05	43.32	44.10	42.96	42.39	42.18	42.19	41.97	
30	42.03	42.01	42.26	42.88	43.14	43.25	43.81	42.95	42.39	42.17	42.17	42.10	
31		42.00		42.75	43.06		43.73		42.38	42.16		42.14	
Mean	41.94	42.19	42.17	43.25	43.16	43.30	44.09	43.64	42.63	42.30	42.12	42.04	
Max	42.25	42.94	43.81	46.00	44.27	45.04	46.88	45.47	42.92	42.67	42.28	42.29	46.88
Min	41.84	41.92	41.94	42.21	42.24	42.65	43.13	42.95	42.38	42.16	42.07	41.97	41.84
Annual Max Momentary Gage Height	47.61		m. (MSL.) ,				at 09.00 Hours ,						on Oct 24, 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	39.07	m. (MSL.)					
Left Bank Elevation		53.29		m. (MSL.) ,									
Right Bank Elevation		53.33		m. (MSL.) ,		Drainage Are	714	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.40	12.25	6.40	11.25	32.00	33.60	80.80	62.90	32.80	23.45	10.00	9.40		
2	5.40	9.80	6.20	13.75	12.00	32.00	168.55	58.50	31.60	22.75	9.80	9.20		
3	6.20	9.40	6.00	16.75	22.75	30.40	243.30	51.20	30.40	17.25	9.60	8.60		
4	5.20	14.50	5.80	44.45	21.35	29.20	175.20	47.15	28.80	16.00	9.80	8.60		
5	5.80	10.40	7.60	37.20	20.75	26.60	164.75	45.35	27.30	15.50	9.80	8.20		
6	4.60	10.40	6.20	105.50	20.75	25.55	206.40	73.10	25.90	15.25	9.60	8.00		
7	4.80	14.50	6.20	101.00	19.75	26.60	152.40	114.20	25.20	15.00	9.60	8.20		
8	4.80	11.25	6.60	159.05	33.60	29.60	107.00	122.20	30.80	14.50	9.40	13.25		
9	4.60	14.75	8.40	288.00	96.50	26.25	90.60	193.25	25.90	14.25	9.40	10.40		
10	4.60	33.60	6.60	79.40	39.60	22.75	70.30	95.00	24.85	14.00	9.20	8.80		
11	4.60	19.25	10.00	71.70	29.60	32.00	60.70	73.80	23.80	13.50	9.00	8.60		
12	4.80	17.50	6.40	82.20	25.20	23.45	55.20	226.70	23.10	13.25	9.00	8.20		
13	5.80	13.00	11.50	92.00	25.55	33.20	54.10	101.75	22.40	13.00	9.00	7.80		
14	11.00	11.00	8.80	78.70	31.60	33.20	71.00	87.80	21.70	13.00	9.00	7.60		
15	7.80	16.75	6.80	70.30	25.55	41.20	50.30	71.70	21.35	12.75	9.00	7.40		
16	6.60	17.25	6.40	52.10	67.50	54.10	44.45	82.90	23.10	12.50	8.60	7.00		
17	6.20	12.50	6.00	44.00	112.60	124.80	42.80	92.75	21.00	12.25	8.60	7.00		
18	5.60	11.25	6.80	36.40	92.00	182.80	42.80	66.10	20.50	12.00	8.40	7.00		
19	5.20	9.40	10.60	35.20	84.30	152.40	41.20	57.40	20.25	11.75	8.40	6.80		
20	6.00	8.40	10.60	30.80	74.50	100.25	59.60	61.25	23.45	11.75	9.80	6.80		
21	5.20	7.40	7.60	31.20	79.40	76.60	96.50	56.30	22.40	11.50	9.00	6.80		
22	4.60	7.20	6.60	30.00	63.45	60.70	54.65	48.95	19.75	11.50	8.80	6.60		
23	4.80	6.80	6.40	27.65	54.10	87.10	56.30	45.35	19.00	11.25	8.60	6.60		
24	4.60	6.40	6.20	25.55	45.35	56.85	410.00	42.00	18.50	11.25	8.40	6.80		
25	4.40	6.00	6.80	22.75	40.00	50.75	141.95	39.20	18.25	11.00	10.60	6.60		
26	4.00	5.80	78.70	20.50	62.90	58.50	121.40	37.20	17.25	11.75	13.00	6.60		
27	3.80	5.40	52.55	20.75	39.60	49.40	101.00	35.60	16.50	11.75	10.40	6.40		
28	12.25	8.00	25.55	22.75	40.00	44.00	141.95	34.80	16.00	11.50	10.20	6.40		
29	10.60	9.20	16.00	26.60	38.00	49.40	99.50	34.40	15.75	10.60	10.80	6.40		
30	7.60	7.20	12.50	31.20	41.60	46.25	78.70	34.00	15.75	10.40		9.00		
31		7.00		26.25	38.40		73.10		15.50	10.20		9.80		
Total	176.85	353.55	368.80	1734.95	1430.25	1639.50	3356.50	2192.80	698.85	416.40	274.80	244.85	12888.10	CMSDAY
Mean	5.89	11.40	12.29	55.97	46.14	54.65	108.27	73.09	22.54	13.43	9.48	7.90	35.21	CMS
Max	12.25	33.60	78.70	288.00	112.60	182.80	410.00	226.70	32.80	23.45	13.00	13.25	410.00	CMS
Min	3.80	5.40	5.80	11.25	12.00	22.75	41.20	34.00	15.50	10.20	8.40	6.40	3.80	CMS
Runoff	15.28	30.55	31.86	149.90	123.57	141.65	290.00	189.46	60.38	35.98	23.74	21.16	1113.53	MCM
Momentary Peak	529.85 CMS. at 47.61 m. (MSL.) at 09.00 Hours , on Oct 24 , 2007													
Runoff Yield	49.44 Liters/Second/Square KM.			Momentary Peak Yield			741.85 Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlung Tha Sae at Ban Wang Maprang , Chumphon (X.247)

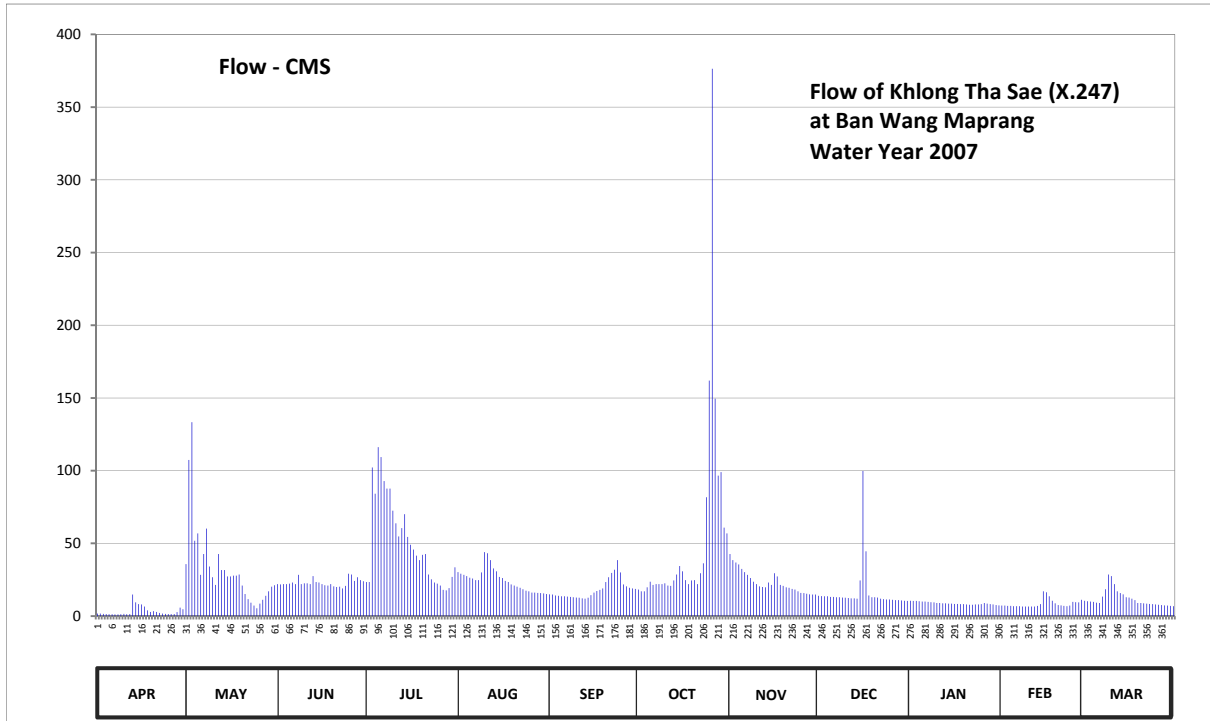
Lat 10 - 43 - 58 N Long 99 - 10 - 42 E

Location : on left bank at Ban Wang Maprang.

	Ban Wang Maprang	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	656 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 top staff gage.	Elevation	+23.427 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic means of 24 readings		
Period of Available Gage Records	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	12.18	13.70	13.20	13.25	13.50	12.90	13.05	13.95	12.85	12.68	12.51	12.68	
2	12.17	15.91	13.19	13.25	13.46	12.89	13.00	13.80	12.84	12.67	12.51	12.66	
3	12.15	16.54	13.20	15.78	13.43	12.86	13.00	13.74	12.83	12.67	12.50	12.65	
4	12.14	14.26	13.20	15.29	13.40	12.85	13.11	13.69	12.83	12.66	12.50	12.64	
5	12.13	14.43	13.21	16.13	13.36	12.83	13.26	13.58	12.81	12.65	12.49	12.61	
6	12.13	13.43	13.24	15.96	13.34	12.83	13.18	13.50	12.81	12.65	12.49	12.60	
7	12.12	13.95	13.20	15.54	13.30	12.82	13.20	13.43	12.80	12.64	12.49	12.82	
8	12.12	14.54	13.43	15.39	13.30	12.81	13.20	13.35	12.80	12.63	12.48	13.06	
9	12.13	13.64	13.20	15.39	13.49	12.80	13.20	13.26	12.79	12.62	12.48	13.44	
10	12.15	13.37	13.22	14.95	14.00	12.79	13.22	13.20	12.78	12.60	12.48	13.40	
11	12.13	13.18	13.22	14.66	13.97	12.78	13.16	13.14	12.77	12.60	12.48	13.20	
12	12.14	13.95	13.20	14.36	13.80	12.76	13.15	13.12	12.76	12.59	12.48	13.00	
13	12.89	13.55	13.40	14.55	13.59	12.75	13.29	13.11	12.76	12.59	12.50	12.94	
14	12.62	13.55	13.25	14.87	13.52	12.78	13.44	13.24	12.75	12.58	12.56	12.90	
15	12.56	13.39	13.24	14.35	13.38	12.87	13.65	13.18	13.29	12.58	13.00	12.80	
16	12.55	13.39	13.20	14.17	13.35	12.96	13.52	13.47	15.72	12.57	12.97	12.79	
17	12.48	13.41	13.17	14.06	13.28	13.01	13.30	13.39	14.02	12.57	12.83	12.75	
18	12.33	13.41	13.16	13.91	13.25	13.04	13.20	13.18	12.86	12.56	12.68	12.70	
19	12.26	13.44	13.20	13.80	13.19	13.08	13.29	13.15	12.80	12.56	12.59	12.60	
20	12.29	13.16	13.14	13.93	13.16	13.25	13.30	13.11	12.80	12.55	12.53	12.60	
21	12.26	12.91	13.12	13.95	13.13	13.37	13.20	13.10	12.79	12.54	12.52	12.59	
22	12.21	12.73	13.13	13.44	13.10	13.48	13.47	13.07	12.75	12.54	12.50	12.58	
23	12.17	12.61	13.08	13.32	13.06	13.56	13.72	13.05	12.73	12.55	12.49	12.57	
24	12.15	12.51	13.15	13.24	13.02	13.80	15.22	13.00	12.72	12.55	12.51	12.56	
25	12.14	12.42	13.46	13.21	13.00	13.49	17.16	12.95	12.72	12.56	12.64	12.55	
26	12.14	12.58	13.44	13.16	12.96	13.19	19.44	12.94	12.71	12.60	12.63	12.54	
27	12.14	12.71	13.28	13.04	12.96	13.14	16.90	12.92	12.70	12.58	12.62	12.53	
28	12.25	12.85	13.37	13.03	12.95	13.10	15.64	12.90	12.70	12.56	12.71	12.52	
29	12.44	13.00	13.30	13.09	12.94	13.08	15.70	12.89	12.69	12.55	12.78	12.51	
30	12.38	13.13	13.27	13.38	12.93	13.07	14.56	12.89	12.68	12.53		12.50	
31		13.17		13.62	12.91		14.43		12.67	12.52		12.49	
Mean	12.26	13.51	13.24	14.20	13.29	13.03	14.01	13.24	12.92	12.59	12.58	12.73	
Max	12.89	16.54	13.46	16.13	14.00	13.80	19.44	13.95	15.72	12.68	13.00	13.44	19.44
Min	12.12	12.42	13.08	13.03	12.91	12.75	13.00	12.89	12.67	12.52	12.48	12.49	12.12
Annual Max Momentary Gage Height	20.00		m. (MSL.) ,				at 06.00 Hours , on Oct 26 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	10.69	m. (MSL)					
Left Bank Elevation		25.21		m. (MSL.) ,									
Right Bank Elevation		25.16		m. (MSL.) ,		Drainage Are	656	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.80	35.75	22.00	23.38	30.25	15.00	18.25	42.63	14.00	10.60	7.20	10.60	
2	1.70	107.40	21.75	23.38	29.15	14.80	17.00	38.50	13.80	10.40	7.20	10.20	
3	1.50	133.30	22.00	102.20	28.33	14.20	17.00	36.85	13.60	10.40	7.00	10.00	
4	1.40	51.80	22.00	84.15	27.50	14.00	19.75	35.48	13.60	10.20	7.00	9.80	
5	1.30	56.90	22.28	116.20	26.40	13.60	23.65	32.45	13.20	10.00	6.80	9.20	
6	1.30	28.33	23.10	109.40	25.85	13.60	21.50	30.25	13.20	10.00	6.80	9.00	
7	1.20	42.63	22.00	92.90	24.75	13.40	22.00	28.33	13.00	9.80	6.80	13.40	
8	1.20	60.20	28.33	87.65	24.75	13.20	22.00	26.13	13.00	9.60	6.60	18.50	
9	1.30	34.10	22.00	87.65	29.98	13.00	22.00	23.65	12.80	9.40	6.60	28.60	
10	1.50	26.68	22.55	72.50	44.00	12.80	22.55	22.00	12.60	9.00	6.60	27.50	
11	1.30	21.50	22.55	63.80	43.18	12.60	21.00	20.50	12.40	9.00	6.60	22.00	
12	1.40	42.63	22.00	54.80	38.50	12.20	20.75	20.00	12.20	8.80	6.60	17.00	
13	14.80	31.63	27.50	60.50	32.73	12.00	24.48	19.75	12.20	8.80	7.00	15.80	
14	9.40	31.63	23.38	70.10	30.80	12.60	28.60	23.10	12.00	8.60	8.20	15.00	
15	8.20	27.23	23.10	54.50	26.95	14.40	34.38	21.50	24.48	8.60	17.00	13.00	
16	8.00	27.23	22.00	49.10	26.13	16.20	30.80	29.43	99.80	8.40	16.40	12.80	
17	6.60	27.78	21.25	45.80	24.20	17.25	24.75	27.23	44.60	8.40	13.60	12.00	
18	3.95	27.78	21.00	41.53	23.38	18.00	22.00	21.50	14.20	8.20	10.60	11.00	
19	2.90	28.60	22.00	38.50	21.75	19.00	24.48	20.75	13.00	8.20	8.80	9.00	
20	3.35	21.00	20.50	42.08	21.00	23.38	24.75	19.75	13.00	8.00	7.60	9.00	
21	2.90	15.20	20.00	42.63	20.25	26.68	22.00	19.50	12.80	7.80	7.40	8.80	
22	2.15	11.60	20.25	28.60	19.50	29.70	29.43	18.75	12.00	7.80	7.00	8.60	
23	1.70	9.20	19.00	25.30	18.50	31.90	36.30	18.25	11.60	8.00	6.80	8.40	
24	1.50	7.20	20.75	23.10	17.50	38.50	81.70	17.00	11.40	8.00	7.20	8.20	
25	1.40	5.40	29.15	22.28	17.00	29.98	162.00	16.00	11.40	8.20	9.80	8.00	
26	1.40	8.60	28.60	21.00	16.20	21.75	376.40	15.80	11.20	9.00	9.60	7.80	
27	1.40	11.20	24.20	18.00	16.20	20.50	149.50	15.40	11.00	8.60	9.40	7.60	
28	2.75	14.00	26.68	17.75	16.00	19.50	96.60	15.00	11.00	8.20	11.20	7.40	
29	5.80	17.00	24.75	19.25	15.80	19.00	99.00	14.80	10.80	8.00	12.60	7.20	
30	4.70	20.25	23.93	26.95	15.60	18.75	60.80	14.80	10.60	7.60		7.00	
31		21.25		33.55	15.20		56.90		10.40	7.40		6.80	
Total	99.80	1005.00	690.60	1598.53	767.33	551.49	1632.32	705.08	514.88	273.00	252.00	369.20	8459.23 CMSDAY
Mean	3.33	32.42	23.02	51.57	24.75	18.38	52.66	23.50	16.61	8.81	8.69	11.91	23.11 CMS
Max	14.80	133.30	29.15	116.20	44.00	38.50	376.40	42.63	99.80	10.60	17.00	28.60	376.40 CMS
Min	1.20	5.40	19.00	17.75	15.20	12.00	17.00	14.80	10.40	7.40	6.60	6.80	1.20 CMS
Runoff	8.62	86.83	59.67	138.11	66.30	47.65	141.03	60.92	44.49	23.59	21.77	31.90	730.88 MCM
Momentary Peak	468.00 CMS. at 20.00 m. (MSL.) at 06.00 Hours , on Oct 26 , 2007												
Runoff Yield	35.29 Liters/Second/Square KM.			Momentary Peak Yield				712.62 Liters/Second/Square KM.					

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlong Rap Ro at Ban Hat Nai , Chumphon (X.248)

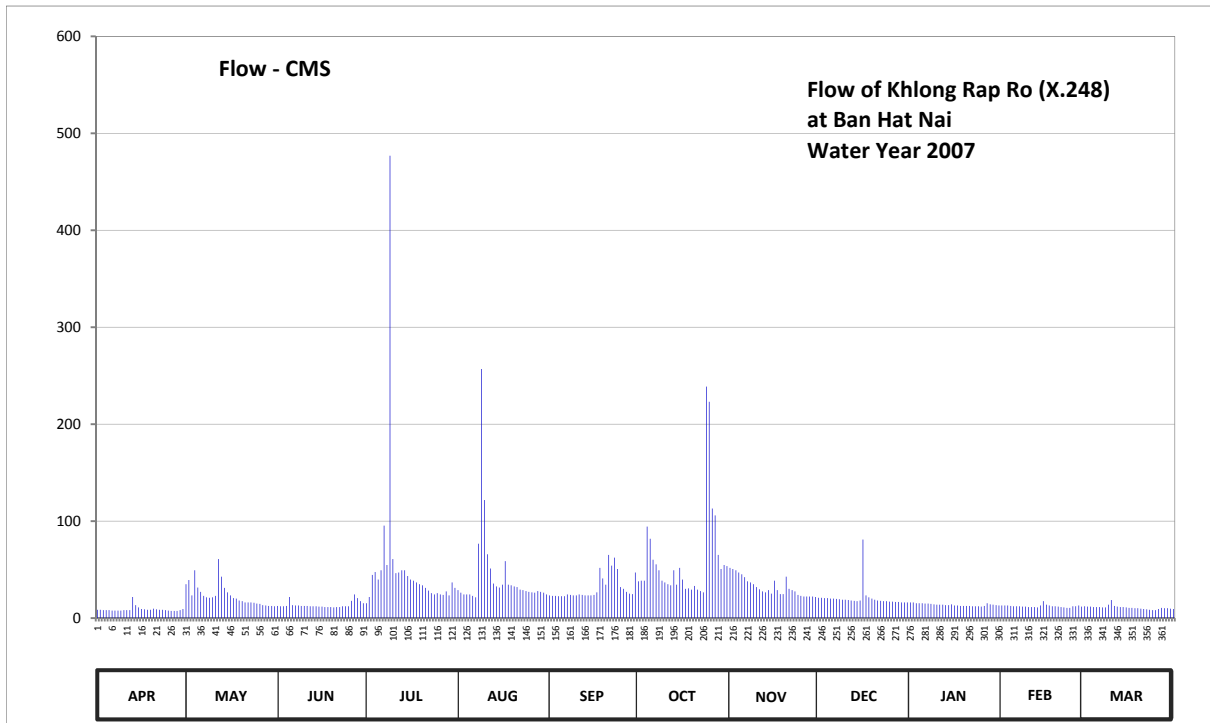
Lat 10 - 38 - 16 N Long 99 - 03 - 01 E

Location : on left bank at Ban Hat Nai.

	Ban Hat Nai	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	691 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+16.734 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the automatic gage building.	Elevation	+27.734 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	18.04	18.65	18.14	18.21	18.53	18.41	18.70	18.93	18.35	18.23	18.15	18.13	
2	18.04	18.72	18.13	18.37	18.47	18.40	18.71	18.91	18.35	18.23	18.15	18.12	
3	18.03	18.41	18.13	18.81	18.43	18.40	18.71	18.89	18.34	18.21	18.15	18.12	
4	18.03	18.89	18.14	18.86	18.43	18.39	19.47	18.85	18.34	18.21	18.14	18.11	
5	18.03	18.59	18.37	18.73	18.43	18.39	19.34	18.82	18.33	18.21	18.13	18.11	
6	18.02	18.49	18.16	18.89	18.40	18.39	19.06	18.77	18.33	18.20	18.13	18.11	
7	18.02	18.40	18.15	19.48	18.36	18.43	18.99	18.70	18.32	18.20	18.13	18.10	
8	18.02	18.36	18.15	18.98	19.28	18.42	18.89	18.68	18.31	18.19	18.12	18.10	
9	18.02	18.35	18.14	21.12	20.40	18.41	18.71	18.65	18.30	18.18	18.12	18.17	
10	18.03	18.36	18.14	19.07	19.71	18.41	18.68	18.60	18.30	18.17	18.11	18.29	
11	18.03	18.40	18.14	18.84	19.14	18.43	18.65	18.55	18.29	18.17	18.11	18.14	
12	18.03	19.07	18.13	18.85	18.92	18.42	18.63	18.50	18.28	18.17	18.11	18.12	
13	18.37	18.78	18.13	18.89	18.66	18.41	18.89	18.48	18.27	18.16	18.10	18.11	
14	18.16	18.58	18.13	18.89	18.61	18.41	18.64	18.53	18.26	18.16	18.15	18.11	
15	18.10	18.48	18.12	18.79	18.59	18.41	18.93	18.45	18.28	18.18	18.26	18.10	
16	18.06	18.41	18.12	18.73	18.64	18.42	18.73	18.71	19.33	18.15	18.17	18.09	
17	18.05	18.34	18.11	18.71	19.04	18.48	18.56	18.53	18.41	18.15	18.15	18.09	
18	18.04	18.33	18.11	18.68	18.64	18.93	18.57	18.44	18.36	18.14	18.13	18.08	
19	18.04	18.28	18.11	18.65	18.63	18.75	18.54	18.44	18.33	18.14	18.13	18.08	
20	18.07	18.26	18.10	18.63	18.61	18.64	18.62	18.78	18.30	18.14	18.12	18.07	
21	18.05	18.23	18.11	18.58	18.60	19.13	18.54	18.56	18.28	18.14	18.11	18.06	
22	18.04	18.23	18.11	18.52	18.54	18.97	18.51	18.53	18.27	18.13	18.10	18.05	
23	18.04	18.23	18.13	18.46	18.53	19.09	18.48	18.50	18.26	18.13	18.09	18.04	
24	18.03	18.22	18.13	18.43	18.51	18.91	20.33	18.42	18.26	18.13	18.09	18.03	
25	18.02	18.20	18.13	18.46	18.49	18.60	20.27	18.40	18.25	18.12	18.13	18.03	
26	18.01	18.19	18.27	18.43	18.48	18.56	19.64	18.38	18.25	18.14	18.13	18.06	
27	18.01	18.16	18.43	18.42	18.47	18.49	19.58	18.38	18.24	18.21	18.15	18.09	
28	18.01	18.15	18.34	18.50	18.51	18.45	19.13	18.38	18.24	18.18	18.12	18.08	
29	18.03	18.14	18.26	18.41	18.49	18.44	18.91	18.38	18.23	18.17	18.11	18.08	
30	18.06	18.14	18.21	18.68	18.47	18.85	18.98	18.37	18.23	18.16	18.16	18.07	
31		18.13		18.58	18.43		18.96		18.23	18.15		18.06	
Mean	18.05	18.39	18.17	18.76	18.69	18.56	18.95	18.58	18.33	18.17	18.13	18.10	
Max	18.37	19.07	18.43	21.12	20.40	19.13	20.33	18.93	19.33	18.23	18.26	18.29	21.12
Min	18.01	18.13	18.10	18.21	18.36	18.39	18.48	18.37	18.23	18.12	18.09	18.03	18.01
Annual Max Momentary Gage Height	21.45		m. (MSL.) ,				at 15.00 Hours ,						
Zero Gage at Bottom Elevation	16.73		m. (MSL.) ,			River Bed	16.95	m. (MSL.)					
Left Bank Elevation		27.36		m. (MSL.) ,									
Right Bank Elevation		27.35		m. (MSL.) ,		Drainage Are	691	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	8.60	35.00	12.60	15.40	28.85	23.45	38.00	51.80	21.00	16.20	13.00	12.20		
2	8.60	39.20	12.20	21.80	26.15	23.00	38.60	50.60	21.00	16.20	13.00	11.80		
3	8.20	23.45	12.20	44.60	24.35	23.00	38.60	49.40	20.60	15.40	13.00	11.80		
4	8.20	49.40	12.60	47.60	24.35	22.60	94.35	47.00	20.60	15.40	12.60	11.40		
5	8.20	31.55	21.80	39.80	24.35	22.60	81.90	45.20	20.20	15.40	12.20	11.40		
6	7.80	27.05	13.40	49.40	23.00	22.60	60.20	42.20	20.20	15.00	12.20	11.40		
7	7.80	23.00	13.00	95.40	21.40	24.35	55.40	38.00	19.80	15.00	12.20	11.00		
8	7.80	21.40	13.00	54.80	76.80	23.90	49.40	36.80	19.40	14.60	11.80	11.00		
9	7.80	21.00	12.60	477.00	257.00	23.45	38.60	35.00	19.00	14.20	11.80	13.80		
10	8.20	21.40	12.60	60.90	121.75	23.45	36.80	32.00	19.00	13.80	11.40	18.60		
11	8.20	23.00	12.60	46.40	65.80	24.35	35.00	29.75	18.60	13.80	11.40	12.60		
12	8.20	60.90	12.20	47.00	51.20	23.90	33.80	27.50	18.20	13.80	11.40	11.80		
13	21.80	42.80	12.20	49.40	35.60	23.45	49.40	26.60	17.80	13.40	11.00	11.40		
14	13.40	31.10	12.20	49.40	32.60	23.45	34.40	28.85	17.40	13.40	13.00	11.40		
15	11.00	26.60	11.80	43.40	31.55	23.45	51.80	25.25	18.20	14.20	17.40	11.00		
16	9.40	23.45	11.80	39.80	34.40	23.90	39.80	38.60	81.05	13.00	13.80	10.60		
17	9.00	20.60	11.40	38.60	58.80	26.60	30.20	28.85	23.45	13.00	13.00	10.60		
18	8.60	20.20	11.40	36.80	34.40	51.80	30.65	24.80	21.40	12.60	12.20	10.20		
19	8.60	18.20	11.40	35.00	33.80	41.00	29.30	24.80	20.20	12.60	12.20	10.20		
20	9.80	17.40	11.00	33.80	32.60	34.40	33.20	42.80	19.00	12.60	11.80	9.80		
21	9.00	16.20	11.40	31.10	32.00	65.10	29.30	30.20	18.20	12.60	11.40	9.40		
22	8.60	16.20	11.40	28.40	29.30	54.20	27.95	28.85	17.80	12.20	11.00	9.00		
23	8.60	16.20	12.20	25.70	28.85	62.30	26.60	27.50	17.40	12.20	10.60	8.60		
24	8.20	15.80	12.20	24.35	27.95	50.60	238.80	23.90	17.40	12.20	10.60	8.20		
25	7.80	15.00	12.20	25.70	27.05	32.00	223.20	23.00	17.00	11.80	12.20	8.20		
26	7.40	14.60	17.80	24.35	26.60	30.20	113.00	22.20	17.00	12.60	12.20	9.40		
27	7.40	13.40	24.35	23.90	26.15	27.05	105.90	22.20	16.60	15.40	13.00	10.60		
28	7.40	13.00	20.60	27.50	27.95	25.25	65.10	22.20	16.60	14.20	11.80	10.20		
29	8.20	12.60	17.40	23.45	27.05	24.80	50.60	22.20	16.20	13.80	11.40	10.20		
30	9.40	12.60	15.40	36.80	26.15	47.00	54.80	21.80	16.20	13.40		9.80		
31		12.20		31.10	24.35		53.60		16.20	13.00		9.40		
Total	271.20	734.50	408.95	1628.65	1342.15	947.20	1888.25	969.85	642.70	427.00	354.60	337.00	9952.05	CMSDAY
Mean	9.04	23.69	13.63	52.54	43.30	31.57	60.91	32.33	20.73	13.77	12.23	10.87	27.19	CMS
Max	21.80	60.90	24.35	477.00	257.00	65.10	238.80	51.80	81.05	16.20	17.40	18.60	477.00	CMS
Min	7.40	12.20	11.00	15.40	21.40	22.60	26.60	21.80	16.20	11.80	10.60	8.20	7.40	CMS
Runoff	23.43	63.46	35.33	140.72	115.96	81.84	163.14	83.80	55.53	36.89	30.64	29.12	859.86	MCM
Momentary Peak		595.25	CMS.	at 21.45 m. (MSL.)	at 15.00 Hours									on Oct 24, 2007
Runoff Yield		39.45	Liters/Second/Square KM.		Momentary Peak Yield	861.18	Liters/Second/Square KM.							

WATER YEAR : 2007**TAPI RIVER BASIN****Tapi River at Ban Yan Din Daeng , Surat Thani (X.37A)**

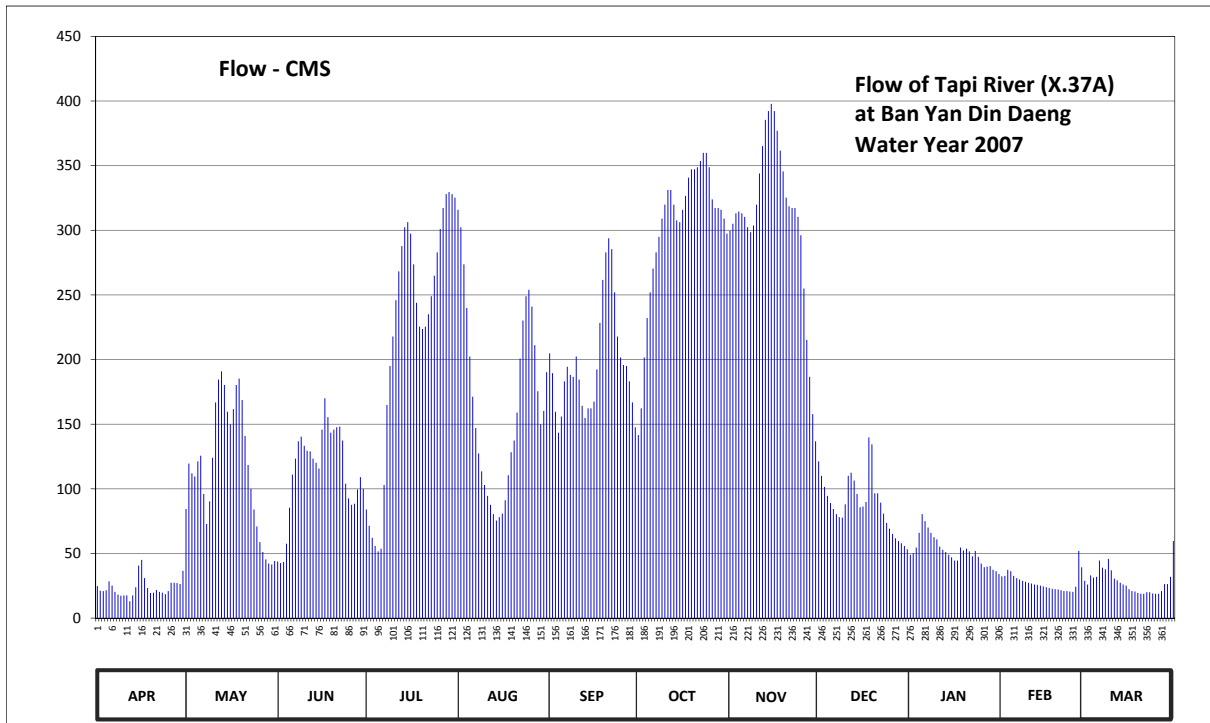
Lat 08 - 34 - 03 N Long 99 - 15 - 15 E

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	+0.000 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	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 2007.		

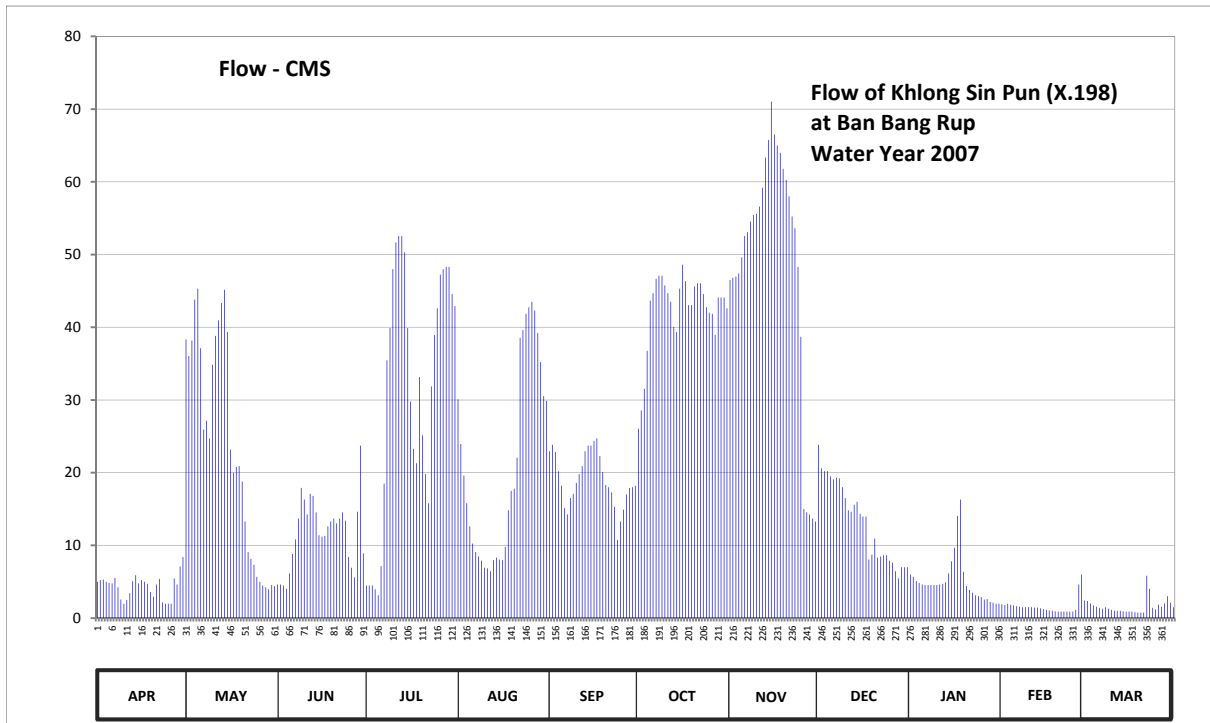
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.36	6.81	5.87	6.80	9.91	8.86	7.91	9.79	7.55	6.00	5.58	5.48	
2	5.24	7.52	5.84	6.52	9.81	8.65	8.25	9.83	7.34	6.03	5.59	5.40	
3	5.23	7.38	5.86	6.31	9.57	8.21	8.82	9.89	7.17	6.13	5.71	5.60	
4	5.25	7.33	6.20	6.16	9.25	7.94	9.17	9.90	7.03	6.40	5.68	5.55	
5	5.47	7.55	6.83	6.06	8.83	8.15	9.37	9.89	6.91	6.72	5.59	5.57	
6	5.37	7.63	7.36	6.11	8.39	8.56	9.54	9.87	6.81	6.60	5.54	5.89	
7	5.21	7.06	7.59	7.20	8.00	8.72	9.65	9.81	6.72	6.49	5.51	5.75	
8	5.14	6.55	7.83	8.29	7.66	8.63	9.75	9.78	6.67	6.40	5.48	5.72	
9	5.11	6.94	7.89	8.73	7.41	8.61	9.86	9.82	6.66	6.32	5.46	5.92	
10	5.12	7.60	7.77	9.02	7.20	8.83	9.94	9.94	6.89	6.28	5.44	5.70	
11	5.12	8.32	7.70	9.31	7.03	8.58	10.02	10.10	7.34	6.15	5.42	5.53	
12	4.95	8.58	7.69	9.52	6.88	8.28	10.02	10.23	7.39	6.09	5.40	5.49	
13	5.12	8.67	7.59	9.69	6.72	8.13	9.94	10.35	7.27	6.05	5.39	5.44	
14	5.33	8.52	7.53	9.81	6.61	8.25	9.85	10.39	7.06	6.00	5.37	5.40	
15	5.79	8.21	7.45	9.84	6.67	8.25	9.84	10.42	6.84	5.95	5.35	5.37	
16	5.90	8.05	7.98	9.77	6.73	8.33	9.91	10.39	6.85	5.89	5.33	5.28	
17	5.54	8.24	8.37	9.57	6.96	8.69	9.99	10.30	6.93	5.89	5.31	5.23	
18	5.31	8.52	8.14	9.29	7.35	9.13	10.08	10.21	7.88	6.13	5.29	5.22	
19	5.18	8.59	7.94	9.10	7.68	9.46	10.12	10.11	7.79	6.08	5.28	5.18	
20	5.19	8.35	7.98	9.08	7.84	9.65	10.12	9.98	7.07	6.11	5.27	5.16	
21	5.26	7.90	8.01	9.10	8.20	9.74	10.13	9.93	7.07	6.06	5.25	5.16	
22	5.21	7.50	8.02	9.20	8.81	9.67	10.16	9.92	6.92	5.97	5.23	5.20	
23	5.19	7.14	7.84	9.34	9.15	9.37	10.20	9.92	6.73	6.07	5.23	5.20	
24	5.15	6.80	7.22	9.49	9.34	9.02	10.20	9.87	6.57	5.96	5.22	5.17	
25	5.23	6.51	6.99	9.65	9.39	8.82	10.13	9.76	6.47	5.83	5.21	5.16	
26	5.44	6.23	6.88	9.80	9.26	8.74	9.97	9.40	6.38	5.76	5.34	5.16	
27	5.44	6.05	6.90	9.92	8.94	8.73	9.92	8.99	6.30	5.77	6.07	5.23	
28	5.43	5.91	7.13	10.00	8.45	8.56	9.92	8.61	6.25	5.78	5.76	5.41	
29	5.41	5.83	7.32	10.01	8.05	8.32	9.91	8.18	6.21	5.71	5.51	5.41	
30	5.69	5.81	7.14	10.00	8.22	8.01	9.86	7.83	6.16	5.68		5.57	
31		5.88		9.98	8.66		9.77		6.10	5.63		6.25	
Mean	5.31	7.35	7.36	8.80	8.16	8.70	9.75	9.78	6.88	6.06	5.44	5.45	
Max	5.90	8.67	8.37	10.01	9.91	9.74	10.20	10.42	7.88	6.72	6.07	6.25	10.42
Min	4.95	5.81	5.84	6.06	6.61	7.94	7.91	7.83	6.10	5.63	5.21	5.16	4.95
Annual Max Momentary Gage Height	10.42												
			m. (MSL.) ,				at 06.00 Hours ,						
							on Nov 15, 2007						
Zero Gage at Bottom Elevation	0.00						River Bed	2.96					
			m. (MSL.) ,					m. (MSL.)					
Left Bank Elevation		12.43											
			m. (MSL.) ,										
Right Bank Elevation		12.59					Drainage Are	5,383					
			m. (MSL.) ,					Square Kilometers					



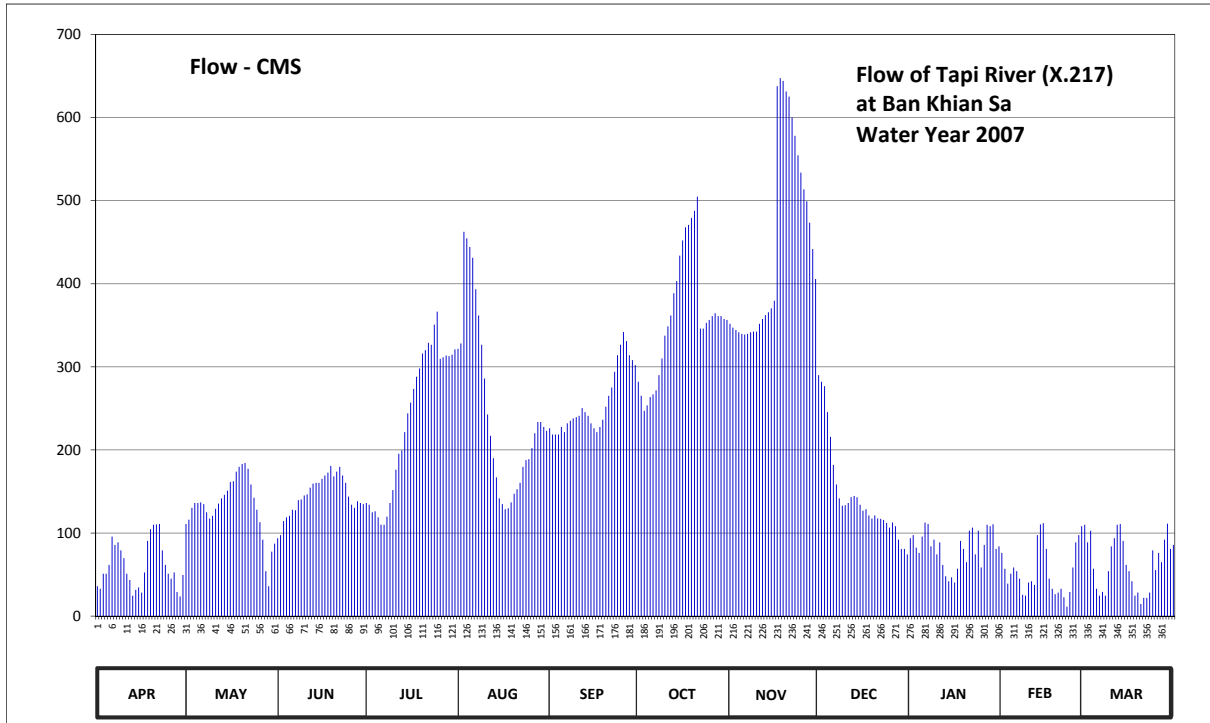
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	24.80	84.45	43.80	84.00	315.85	204.80	141.60	299.80	121.25	49.00	32.30	28.80		
2	21.20	119.60	42.60	71.40	302.35	189.50	162.25	305.05	110.00	50.28	32.65	26.00		
3	20.90	112.00	43.40	62.18	273.70	159.65	201.60	313.15	101.50	54.53	37.40	33.00		
4	21.50	109.50	57.50	55.80	240.00	143.40	232.15	314.50	94.50	66.00	36.20	31.25		
5	28.45	121.25	85.35	51.55	202.40	156.00	252.00	313.15	88.95	80.40	32.65	31.95		
6	25.10	125.65	111.00	53.68	171.35	183.20	270.40	310.45	84.45	75.00	30.90	44.60		
7	20.30	96.00	123.45	103.00	147.00	194.40	283.00	302.35	80.40	70.05	29.85	39.00		
8	18.20	72.75	136.80	164.85	127.30	188.10	295.00	298.60	78.15	66.00	28.80	37.80		
9	17.30	90.30	140.40	195.10	113.55	186.70	309.10	303.70	77.70	62.60	28.10	45.80		
10	17.60	124.00	133.35	217.90	103.00	202.40	319.90	319.90	88.05	60.90	27.40	37.00		
11	17.60	166.80	129.50	246.00	94.50	184.60	331.20	344.00	110.00	55.38	26.70	30.55		
12	13.00	184.60	128.95	268.20	87.60	164.20	331.20	365.10	112.50	52.83	26.00	29.15		
13	17.60	190.90	123.45	287.80	80.40	154.80	319.90	385.50	106.50	51.13	25.70	27.40		
14	23.90	180.40	120.15	302.35	75.45	162.25	307.75	392.30	96.00	49.00	25.10	26.00		
15	40.60	159.65	115.75	306.40	78.15	162.25	306.40	397.80	85.80	47.00	24.50	25.10		
16	45.00	150.00	145.80	297.40	80.85	167.45	315.85	392.30	86.25	44.60	23.90	22.40		
17	30.90	161.60	170.05	273.70	91.20	192.30	326.65	377.00	89.85	44.60	23.30	20.90		
18	23.30	180.40	155.40	244.00	110.50	228.35	340.80	361.70	139.80	54.53	22.70	20.60		
19	19.40	185.30	143.40	225.50	128.40	261.60	347.20	345.60	134.45	52.40	22.40	19.40		
20	19.70	168.75	145.80	223.60	137.40	283.00	347.20	325.30	96.50	53.68	22.10	18.80		
21	21.80	141.00	147.60	225.50	159.00	293.80	348.80	318.55	96.50	51.55	21.50	18.80		
22	20.30	118.50	148.20	235.00	200.80	285.40	353.60	317.20	89.40	47.80	20.90	20.00		
23	19.70	100.00	137.40	249.00	230.25	252.00	360.00	317.20	80.85	51.98	20.90	20.00		
24	18.50	84.00	104.00	264.90	249.00	217.90	360.00	310.45	73.65	47.40	20.60	19.10		
25	20.90	70.95	92.55	283.00	254.00	201.60	348.80	296.20	69.15	42.20	20.30	18.80		
26	27.40	58.78	87.60	301.00	241.00	195.80	323.95	255.00	65.15	39.40	24.20	18.80		
27	27.40	51.13	88.50	317.20	211.20	195.10	317.20	215.20	61.75	39.80	51.98	20.90		
28	27.05	45.40	99.50	328.00	175.50	183.20	317.20	186.70	59.63	40.20	39.40	26.35		
29	26.35	42.20	109.00	329.60	150.00	166.80	315.85	157.80	57.93	37.40	29.85	26.35		
30	36.60	41.40	100.00	328.00	160.30	147.60	309.10	136.80	55.80	36.20	31.95	31.95		
31		44.20		325.30	190.20		297.40		53.25	34.20	59.63			
Total	712.35	3,581.46	3,410.25	6,920.91	5,182.20	5,908.15	9,393.05	9,278.35	2,745.66	1,608.04	808.28	876.18	50,424.88	CMSDAY
Mean	23.74	115.53	113.68	223.26	167.17	196.94	303.00	309.28	88.57	51.87	27.87	28.26	137.77	CMS
Max	45.00	190.90	170.05	329.60	315.85	293.80	360.00	397.80	139.80	80.40	51.98	59.63	397.80	CMS
Min	13.00	41.40	42.60	51.55	75.45	143.40	141.60	136.80	53.25	34.20	20.30	18.80	13.00	CMS
Runoff	61.55	309.44	294.65	597.97	447.74	510.46	811.56	801.65	237.23	138.93	69.84	75.70	4,356.71	MCM
Momentary Peak	397.80	CMS, at 10.42 m. (MSL.), at 06.00 Hours, on Nov 15, 2007												
Runoff Yield	25.66	Liters/Second/Square KM.			Momentary Peak Yield	73.90	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.00	38.30	4.63	4.48	30.11	22.96	26.04	46.50	23.84	5.98	1.90	2.42	
2	5.23	36.04	4.63	4.48	23.95	23.84	28.57	46.80	20.60	5.68	1.80	2.36	
3	5.30	38.17	4.48	4.48	19.60	22.85	31.54	46.95	20.20	5.08	1.97	2.03	
4	5.00	43.80	4.03	3.95	15.80	20.20	36.76	47.40	20.20	4.85	1.85	1.75	
5	4.85	45.30	6.13	3.14	12.64	18.20	43.65	49.62	19.50	4.63	1.75	1.55	
6	4.78	37.13	8.82	7.16	10.26	15.11	44.70	52.54	19.10	4.55	1.65	1.40	
7	5.53	25.93	10.83	18.50	9.08	14.25	46.65	53.08	19.30	4.55	1.55	1.30	
8	4.25	27.14	13.68	35.44	8.48	16.50	47.10	54.52	19.20	4.55	1.50	1.50	
9	2.55	24.72	17.90	39.90	7.89	17.10	47.10	55.42	18.00	4.55	1.50	1.30	
10	1.97	34.84	16.30	48.00	6.92	18.60	45.75	55.60	16.50	4.55	1.50	1.15	
11	2.49	38.82	14.25	51.66	6.84	19.80	44.70	56.60	14.82	4.63	1.50	1.00	
12	3.43	40.95	17.10	52.54	6.44	20.90	43.50	59.20	14.63	4.70	1.45	1.00	
13	5.08	43.35	16.80	52.54	7.97	22.96	40.05	63.34	15.60	4.93	1.45	1.00	
14	5.90	45.15	14.54	50.30	8.31	23.73	39.34	65.75	16.00	6.13	1.35	0.95	
15	4.78	39.34	11.40	39.90	8.06	23.73	45.30	71.03	14.35	7.80	1.25	0.90	
16	5.23	23.18	11.21	29.78	7.97	24.39	48.60	66.50	13.97	9.69	1.15	0.90	
17	5.00	20.00	11.31	23.29	9.79	24.72	46.35	65.00	13.97	14.06	1.05	0.90	
18	4.70	20.80	12.64	21.31	14.82	22.30	43.05	64.00	8.06	16.30	1.00	0.81	
19	3.58	20.90	13.30	33.16	17.50	20.10	43.05	61.80	8.74	6.36	0.95	0.77	
20	2.94	18.80	13.68	25.16	17.80	18.30	45.60	60.26	10.93	4.40	0.90	0.77	
21	4.63	13.30	13.02	19.80	22.08	18.00	46.05	58.00	8.31	3.88	0.90	0.77	
22	5.38	9.08	13.68	15.80	38.56	17.30	46.05	55.24	8.48	3.50	0.90	5.83	
23	2.16	8.14	14.54	31.87	39.60	15.30	44.55	53.62	8.65	3.14	0.90	4.03	
24	1.97	7.32	13.40	38.95	41.85	10.74	42.75	48.30	8.65	3.01	0.90	1.40	
25	1.97	5.68	8.40	42.60	42.75	13.30	42.00	38.69	7.89	2.88	0.90	1.20	
26	1.97	5.00	6.92	47.25	43.50	14.92	41.85	15.01	7.64	2.55	1.15	1.85	
27	5.45	4.48	5.60	48.00	42.30	17.00	38.95	14.54	6.44	2.62	4.63	1.55	
28	4.63	4.25	14.63	48.30	39.21	17.90	44.10	14.25	5.45	2.23	5.98	2.03	
29	7.08	3.95	23.73	48.30	35.20	18.00	44.10	13.68	7.00	2.10	2.81	3.01	
30	8.40	4.55	8.91	44.55	30.55	18.20	44.10	13.30	7.00	1.97		2.10	
31		4.40		42.90	29.89		42.60		7.00	1.97		1.50	
Total	131.23	732.81	350.49	977.49	655.72	571.20	1314.50	1466.54	410.02	157.82	48.09	51.03	6866.94 CMSDAY
Mean	4.37	23.64	11.68	31.53	21.15	19.04	42.40	48.88	13.23	5.09	1.66	1.65	18.76 CMS
Max	8.40	45.30	23.73	52.54	43.50	24.72	48.60	71.03	23.84	16.30	5.98	5.83	71.03 CMS
Min	1.97	3.95	4.03	3.14	6.44	10.74	26.04	13.30	5.45	1.97	0.90	0.77	0.77 CMS
Runoff	11.34	63.31	30.28	84.46	56.65	49.35	113.57	126.71	35.43	13.64	4.15	4.41	593.30 MCM
Momentary Peak	71.32	CMS, at 6.28 m. (A.D.), at 12.00 Hours, on Nov 15, 2007											
Runoff Yield	21.72	Liters/Second/Square KM.			Momentary Peak Yield	82.36	Liters/Second/Square KM.						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	36.00	110.90	93.80	136.10	321.70	226.00	282.00	351.75	290.00	93.80	76.00	110.00		
2	33.00	116.15	97.40	134.00	328.00	218.50	265.15	347.15	282.00	97.40	57.00	88.80		
3	51.00	130.40	114.35	125.00	462.40	218.50	247.00	344.20	276.70	82.40	39.00	102.80		
4	51.00	136.10	118.85	126.20	454.60	218.50	253.60	341.50	245.50	76.00	51.00	57.00		
5	61.60	136.10	120.65	118.85	444.20	227.50	263.50	339.70	215.65	95.60	58.50	33.00		
6	95.60	136.80	128.00	110.00	431.20	221.50	266.80	338.80	181.95	112.70	54.00	24.60		
7	85.60	134.70	127.40	110.00	393.40	232.00	271.75	339.70	158.45	110.90	45.00	29.10		
8	88.80	125.00	139.60	119.75	361.80	235.00	290.00	341.50	141.70	84.00	25.50	24.60		
9	79.20	117.50	140.30	136.10	326.60	238.00	310.00	342.40	132.80	92.00	24.60	54.00		
10	69.60	120.65	145.20	151.80	286.00	239.50	337.60	342.40	133.40	74.40	40.50	84.00		
11	51.00	129.20	146.60	176.20	242.50	241.00	348.60	351.75	136.10	88.80	42.00	93.80		
12	43.50	135.40	154.65	195.40	217.00	250.30	361.80	357.50	143.10	61.60	37.50	110.00		
13	24.60	141.70	159.40	199.45	190.00	245.50	388.50	362.10	144.50	48.00	97.40	110.90		
14	31.50	145.90	160.35	221.50	167.00	241.00	403.20	365.55	143.10	42.00	110.30	90.40		
15	34.50	150.85	160.35	244.00	141.70	232.00	433.80	370.50	134.00	46.50	111.80	61.60		
16	28.20	161.30	165.10	256.90	134.70	226.00	452.00	379.50	126.80	40.50	80.80	54.00		
17	52.50	162.25	169.30	273.40	128.60	221.50	467.85	637.70	128.60	57.00	45.00	42.00		
18	90.40	173.90	172.75	288.00	129.80	227.50	470.70	647.25	121.10	90.40	33.00	24.60		
19	104.60	179.65	180.80	298.00	136.80	236.50	479.25	644.00	117.50	80.80	26.40	28.20		
20	110.00	183.10	168.15	316.00	147.30	251.95	487.80	631.40	121.10	64.80	28.20	14.70		
21	110.30	184.25	173.90	320.00	152.75	265.15	504.90	625.10	117.50	102.80	33.00	21.90		
22	110.90	177.35	179.65	328.80	160.35	275.05	346.00	599.90	117.05	106.40	22.80	21.90		
23	79.20	158.45	169.30	326.60	179.65	294.00	346.00	578.05	115.70	74.40	11.40	28.20		
24	61.60	142.40	160.35	350.80	187.70	314.00	352.90	554.45	112.10	102.80	29.10	79.20		
25	51.00	128.00	143.80	366.45	188.85	326.60	356.35	533.80	106.40	58.50	58.50	55.50		
26	45.00	113.00	134.00	309.60	202.15	342.00	360.95	513.45	112.70	85.60	88.80	76.00		
27	52.50	92.00	130.40	311.60	220.00	331.00	364.40	499.20	108.20	110.00	97.40	64.80		
28	29.10	54.00	138.20	313.60	233.50	314.00	360.95	473.55	92.00	108.20	108.20	92.00		
29	23.70	36.00	136.10	312.80	233.50	308.00	360.95	441.60	80.80	110.60	115.25	111.20		
30	49.50	77.60	134.70	314.70	227.50	302.00	357.50	405.65	80.80	80.80		80.80		
31		87.20		321.00	223.00		356.35		74.40	84.00		85.60		
Total	1835.00	4077.80	4363.40	7312.60	7654.25	7720.05	11148.15	13401.10	4491.70	2563.70	1647.95	1955.20	68170.90	CMSDAY
Mean	61.17	131.54	145.45	235.89	246.91	257.33	359.62	446.70	144.89	82.70	56.83	63.07	186.26	CMS
Max	110.90	184.25	180.80	366.45	462.40	342.00	504.90	647.25	290.00	112.70	115.25	111.20	647.25	CMS
Min	23.70	36.00	93.80	110.00	128.60	218.50	247.00	338.80	74.40	40.50	11.40	14.70	11.40	CMS
Runoff	158.54	352.32	377.00	631.81	661.33	667.01	963.20	1157.86	388.08	221.50	142.38	168.93	5889.97	MCM
Momentary Peak		650.50	CMS. at 4.02 m. (MSL.)											on Nov 18, 2007
Runoff Yield		27.89	Liters/Second/Square KM.											Momentary Peak Yield 97.13 Liters/Second/Square KM.

WATER YEAR : 2007

TAPI RIVER BASIN

Khleng Chandee at Ban Pak Min, Nakhon Si Thammarat (X.257)

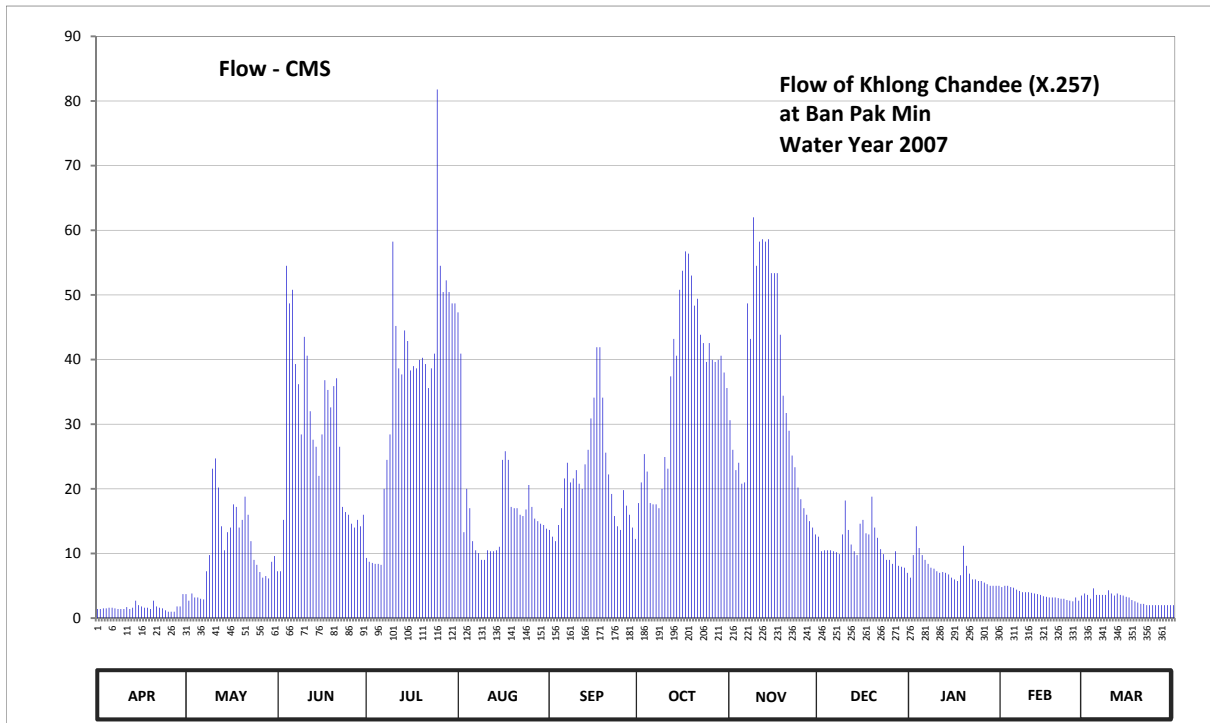
Lat 08 - 33 - 34 N Long 99 - 32 - 11 E

Location : on right bank at Ban Pak Min.

	Ban Pak Min	Amphoe Chawang	Changwat Nakhon Si Thammarat
Drainage Area	510 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 gage site.	Elevation	+7.438 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	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 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 2007.		

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

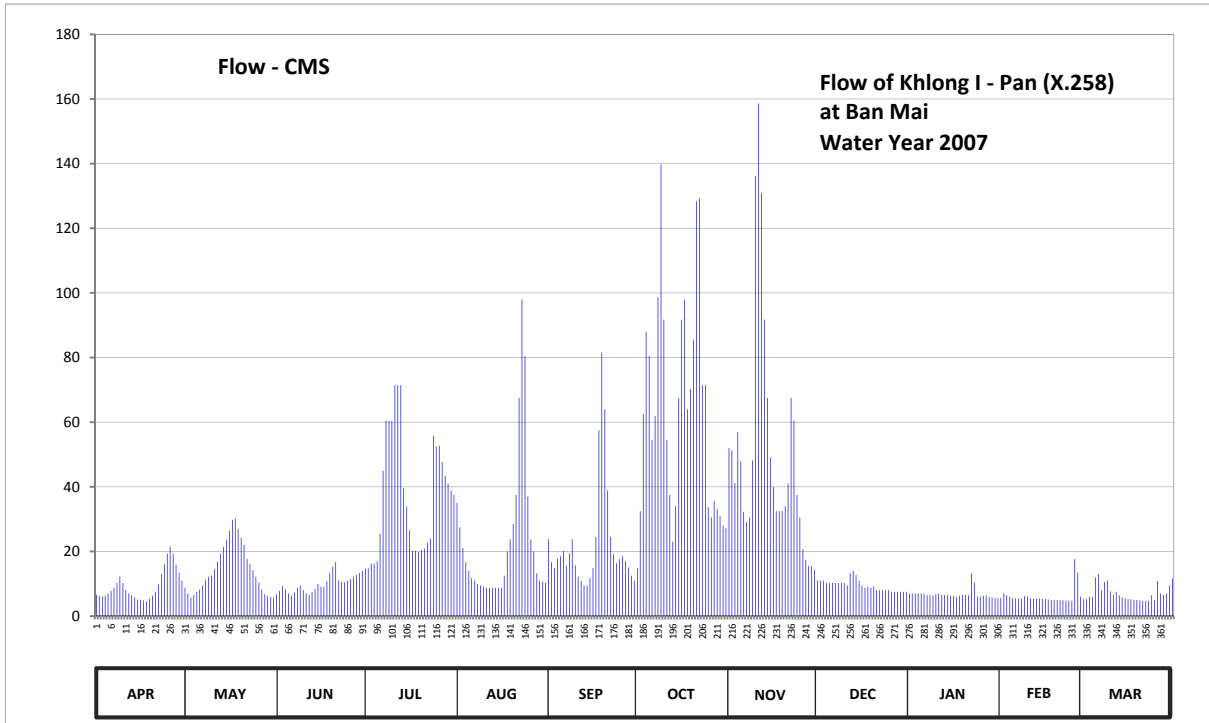
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	0.47	0.78	0.92	2.48	1.18	1.39	1.95	1.12	0.70	0.58	0.48	
2	0.24	0.37	0.78	0.88	2.29	1.12	1.55	1.78	0.99	0.95	0.60	0.46	
3	0.25	0.48	1.26	0.87	1.16	1.08	1.75	1.64	1.00	1.21	0.60	0.40	
4	0.25	0.42	2.68	0.86	1.50	1.22	1.63	1.69	1.00	1.02	0.58	0.56	
5	0.26	0.42	2.52	0.86	1.35	1.35	1.39	1.54	1.00	0.95	0.57	0.46	
6	0.26	0.40	2.58	0.85	1.08	1.58	1.38	1.55	0.99	0.90	0.54	0.46	
7	0.25	0.39	2.24	1.50	1.00	1.69	1.38	2.52	0.98	0.86	0.52	0.46	
8	0.24	0.78	2.14	1.71	0.97	1.55	1.35	2.36	0.96	0.82	0.50	0.46	
9	0.24	0.95	1.87	1.87	0.90	1.58	1.50	2.88	1.14	0.81	0.50	0.53	
10	0.24	1.65	2.37	2.78	0.90	1.64	1.73	2.68	1.41	0.78	0.50	0.48	
11	0.27	1.72	2.28	2.42	1.00	1.54	1.65	2.78	1.18	0.76	0.49	0.45	
12	0.24	1.51	2.00	2.22	0.99	1.50	2.18	2.79	1.05	0.77	0.48	0.48	
13	0.26	1.21	1.84	2.19	0.99	1.68	2.36	2.78	0.99	0.76	0.47	0.46	
14	0.37	1.00	1.80	2.40	1.00	1.78	2.28	2.79	0.95	0.74	0.46	0.45	
15	0.30	1.16	1.60	2.35	1.03	1.96	2.58	2.65	1.23	0.70	0.44	0.43	
16	0.28	1.20	1.87	2.21	1.71	2.07	2.66	2.65	1.26	0.68	0.43	0.42	
17	0.26	1.38	2.16	2.23	1.77	2.32	2.74	2.65	1.15	0.66	0.42	0.38	
18	0.26	1.36	2.11	2.22	1.71	2.32	2.73	2.38	1.14	0.73	0.42	0.36	
19	0.24	1.20	2.02	2.26	1.36	2.07	2.64	2.08	1.44	1.04	0.42	0.34	
20	0.37	1.26	2.13	2.27	1.35	1.76	2.51	1.99	1.20	0.84	0.41	0.32	
21	0.28	1.44	2.17	2.24	1.35	1.61	2.54	1.89	1.11	0.75	0.40	0.32	
22	0.26	1.30	1.80	2.12	1.30	1.46	2.38	1.74	1.01	0.68	0.40	0.30	
23	0.25	1.08	1.36	2.22	1.29	1.29	2.34	1.66	0.96	0.68	0.38	0.30	
24	0.22	0.90	1.32	2.29	1.34	1.21	2.25	1.51	0.90	0.66	0.37	0.30	
25	0.20	0.85	1.30	3.36	1.53	1.18	2.34	1.42	0.90	0.66	0.36	0.30	
26	0.20	0.77	1.23	2.68	1.36	1.49	2.26	1.35	0.86	0.64	0.42	0.30	
27	0.20	0.70	1.20	2.57	1.27	1.37	2.25	1.30	0.99	0.62	0.37	0.30	
28	0.28	0.72	1.26	2.62	1.25	1.30	2.26	1.25	0.84	0.60	0.45	0.30	
29	0.28	0.69	1.21	2.57	1.23	1.20	2.28	1.20	0.83	0.60	0.63	0.30	
30	0.47	0.88	1.30	2.52	1.22	1.10	2.20	1.14	0.82	0.60	0.60	0.30	
31		0.94		2.52	1.19		2.12		0.76	0.60		0.30	
Mean	0.27	0.95	1.77	2.05	1.32	1.54	2.08	2.02	1.04	0.77	0.47	0.39	
Max	0.47	1.72	2.68	3.36	2.48	2.32	2.74	2.88	1.44	1.21	0.63	0.56	3.36
Min	0.20	0.37	0.78	0.85	0.90	1.08	1.35	1.14	0.76	0.60	0.36	0.30	0.20
Annual Max Momentary Gage Height	3.40												at 06.00 Hours , on Jul 25 , 2007
Zero Gage at Bottom Elevation	0.00						River Bed -0.41						m. (A.D.) ,
Left Bank Elevation		6.92											m. (A.D.) ,
Right Bank Elevation		6.93					Drainage Are 510						Square Kilometers



APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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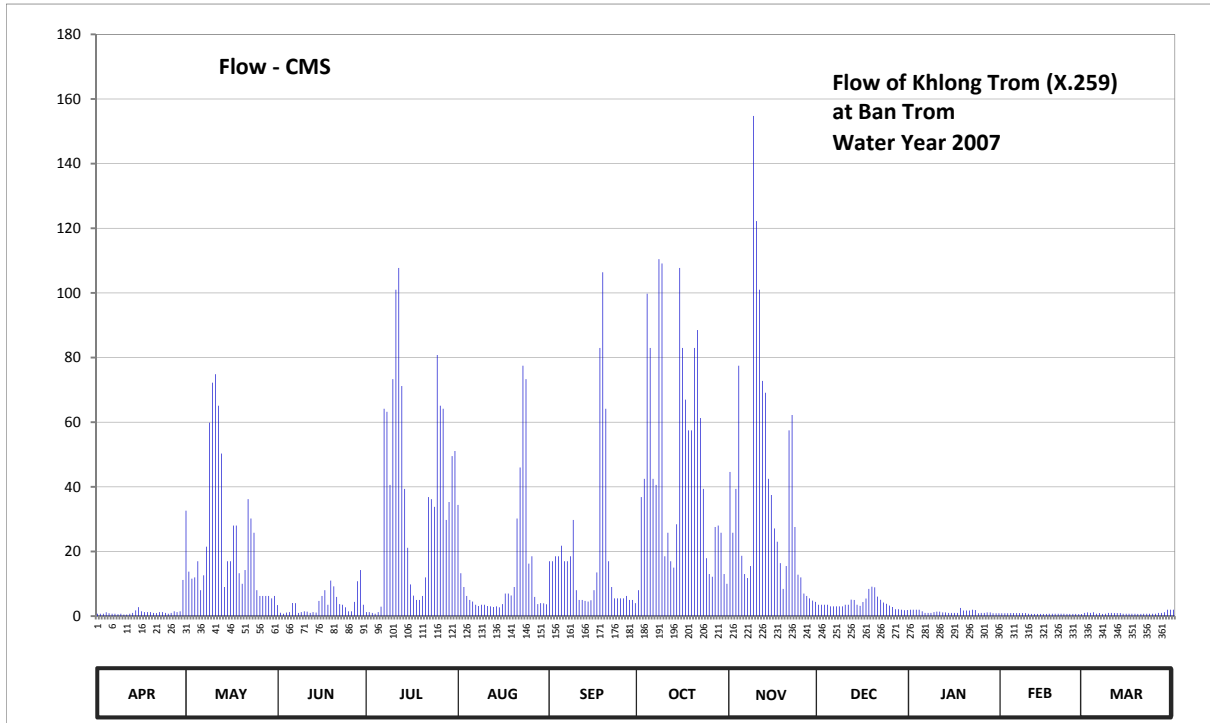
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.40	3.70	7.25	9.30	47.30	13.65	17.80	30.63	12.60	6.25	4.80	3.80	
2	1.40	2.70	7.25	8.70	40.93	12.60	21.00	26.05	10.35	9.75	5.00	3.60	
3	1.50	3.80	15.20	8.55	13.30	11.90	25.38	22.90	10.50	14.20	5.00	3.00	
4	1.50	3.20	54.50	8.40	20.00	14.40	22.68	24.03	10.50	10.85	4.80	4.60	
5	1.60	3.20	48.70	8.40	17.00	17.00	17.80	20.80	10.50	9.75	4.70	3.60	
6	1.60	3.00	50.80	8.25	11.90	21.60	17.60	21.00	10.35	9.00	4.40	3.60	
7	1.50	2.90	39.30	20.00	10.50	24.03	17.60	48.70	10.20	8.40	4.20	3.60	
8	1.40	7.25	36.20	24.48	10.05	21.00	17.00	43.20	9.90	7.80	4.00	3.60	
9	1.40	9.75	28.43	28.43	9.00	21.60	20.00	62.00	12.95	7.65	4.00	4.30	
10	1.40	23.13	43.53	58.25	9.00	22.90	24.93	54.50	18.20	7.25	4.00	3.80	
11	1.70	24.70	40.60	45.20	10.50	20.80	23.13	58.25	13.65	7.00	3.90	3.50	
12	1.40	20.20	32.00	38.65	10.35	20.00	37.40	58.63	11.38	7.13	3.80	3.80	
13	1.60	14.20	27.60	37.70	10.35	23.80	43.20	58.25	10.35	7.00	3.70	3.60	
14	2.70	10.50	26.50	44.50	10.50	26.05	40.60	58.63	9.75	6.75	3.60	3.50	
15	2.00	13.30	22.00	42.88	11.03	30.90	50.80	53.38	14.60	6.25	3.40	3.30	
16	1.80	14.00	28.43	38.33	24.48	34.10	53.75	53.38	15.20	6.00	3.30	3.20	
17	1.60	17.60	36.80	38.98	25.83	41.90	56.75	53.38	13.13	5.75	3.20	2.80	
18	1.60	17.20	35.30	38.65	24.48	41.90	56.38	43.85	12.95	6.63	3.20	2.60	
19	1.40	14.00	32.60	39.95	17.20	34.10	53.00	34.40	18.80	11.20	3.20	2.40	
20	2.70	15.20	35.90	40.28	17.00	25.60	48.35	31.73	14.00	8.10	3.10	2.20	
21	1.80	18.80	37.10	39.30	17.00	22.23	49.40	28.98	12.43	6.88	3.00	2.20	
22	1.60	16.00	26.50	35.60	16.00	19.20	43.85	25.15	10.68	6.00	3.00	2.00	
23	1.50	11.90	17.20	38.65	15.80	15.80	42.55	23.35	9.90	6.00	2.80	2.00	
24	1.20	9.00	16.40	40.93	16.80	14.20	39.63	20.20	9.00	5.75	2.70	2.00	
25	1.00	8.25	16.00	81.80	20.60	13.65	42.55	18.40	9.00	5.75	2.60	2.00	
26	1.00	7.13	14.60	54.50	17.20	19.80	39.95	17.00	8.40	5.50	3.20	2.00	
27	1.00	6.25	14.00	50.45	15.40	17.40	39.63	16.00	10.35	5.25	2.70	2.00	
28	1.80	6.50	15.20	52.25	15.00	16.00	39.95	15.00	8.10	5.00	3.50	2.00	
29	1.80	6.13	14.20	50.45	14.60	14.00	40.60	14.00	7.95	5.00	5.38	2.00	
30	3.70	8.70	16.00	48.70	14.40	12.25	38.00	12.95	7.80	5.00		2.00	
31		9.60		48.70	13.83		35.60		7.00	5.00		2.00	
Total	49.60	331.79	836.09	1129.21	527.33	644.36	1116.86	1048.72	350.47	223.84	108.18	90.60	6457.05 CMSDAY
Mean	1.65	10.70	27.87	36.43	17.01	21.48	36.03	34.96	11.31	7.22	3.73	2.92	17.64 CMS
Max	3.70	24.70	54.50	81.80	47.30	41.90	56.75	62.00	18.80	14.20	5.38	4.60	81.80 CMS
Min	1.00	2.70	7.25	8.25	9.00	11.90	17.00	12.95	7.00	5.00	2.60	2.00	1.00 CMS
Runoff	4.29	28.67	72.24	97.56	45.56	55.67	96.50	90.61	30.28	19.34	9.35	7.83	557.89 MCM
Momentary Peak	83.50 CMS. at 3.40 m. (A.D.) at 06.00 Hours , on Jul 25 , 2007												
Runoff Yield	34.69 Liters/Second/Square KM.			Momentary Peak Yield			163.73 Liters/Second/Square KM.						

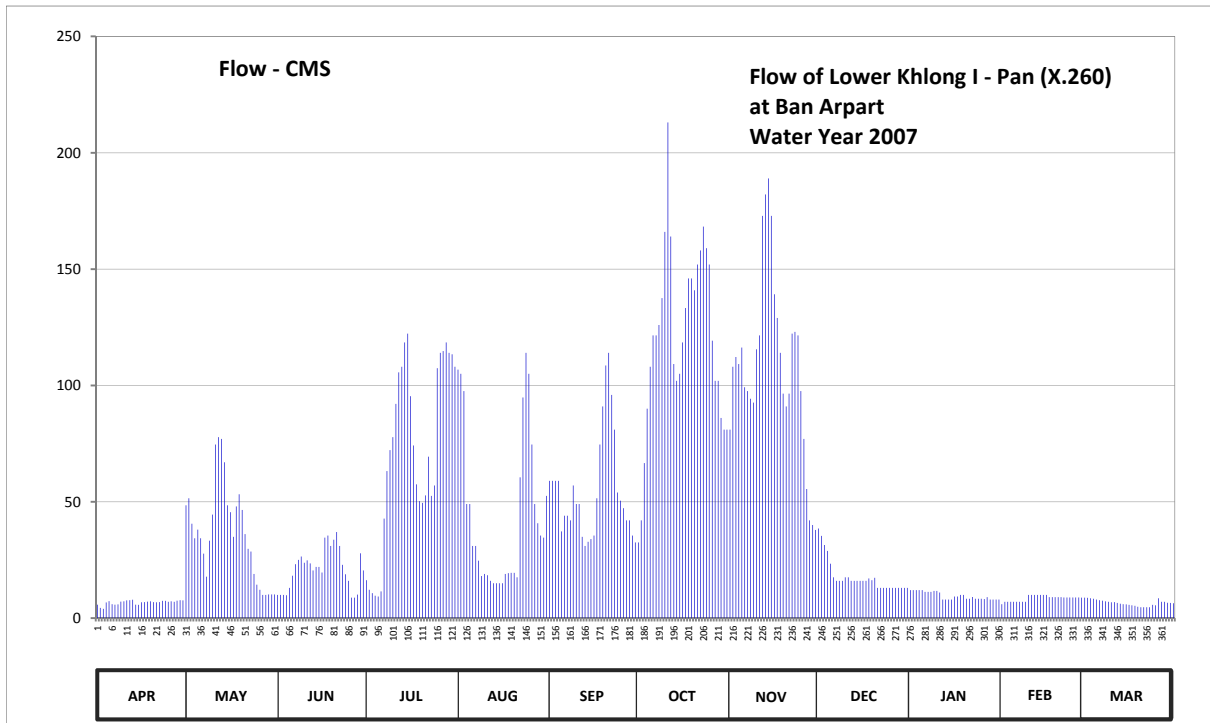


Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.60	8.75	6.75	14.75	35.00	23.75	14.75	52.00	11.00	7.00	5.65	5.25		
2	6.25	7.00	7.80	14.75	27.50	16.70	32.50	51.25	11.00	7.00	7.05	5.25		
3	5.95	5.75	9.35	16.25	21.05	14.75	62.60	41.20	11.00	7.00	6.40	6.00		
4	6.35	6.50	8.30	16.25	16.63	17.75	88.00	56.90	10.25	7.00	5.95	6.00		
5	7.00	7.45	7.05	17.00	14.00	18.50	80.50	47.93	10.25	7.00	5.50	11.98		
6	7.75	8.23	6.25	25.50	11.75	20.15	54.50	32.30	10.25	7.00	5.50	13.10		
7	8.83	9.50	7.35	45.00	11.00	15.65	61.90	29.10	10.25	6.50	5.40	8.00		
8	10.25	11.23	8.75	60.50	9.88	19.40	98.73	30.50	10.25	6.50	5.45	10.55		
9	12.28	12.13	9.43	60.50	9.50	23.75	139.75	48.15	10.25	6.50	6.20	11.00		
10	10.25	12.50	8.08	60.50	9.13	15.73	91.75	136.25	10.25	6.80	6.05	7.65		
11	8.08	14.53	7.05	71.50	8.75	12.20	54.50	158.65	9.50	7.00	5.50	6.65		
12	7.10	16.85	6.70	71.50	8.75	11.00	37.50	131.00	13.25	6.65	5.40	7.50		
13	6.45	19.25	7.45	71.50	8.75	9.50	23.08	91.75	14.00	6.50	5.35	6.40		
14	5.80	21.43	8.45	39.60	8.75	9.50	34.00	67.50	12.73	6.50	5.35	5.90		
15	5.15	23.60	9.95	33.75	8.75	11.75	67.50	49.05	11.00	6.25	5.35	5.45		
16	5.00	26.40	9.13	26.50	8.75	14.83	91.75	39.95	9.50	6.20	5.30	5.25		
17	4.85	29.80	9.13	20.08	12.50	24.50	98.00	32.50	8.75	6.00	5.15	5.25		
18	4.55	30.20	10.85	20.15	20.00	57.50	64.00	32.50	9.05	6.35	5.00	5.00		
19	5.35	27.00	13.40	19.85	23.75	81.50	70.30	32.50	8.75	6.55	5.00	5.00		
20	6.30	24.28	15.28	20.38	28.50	64.00	85.50	34.00	9.20	6.50	5.00	4.90		
21	7.55	22.03	16.70	20.83	37.50	38.90	128.38	41.00	8.00	6.50	4.90	4.75		
22	9.80	17.68	11.08	22.70	67.50	24.50	129.25	67.50	8.00	13.25	4.90	4.70		
23	13.03	16.10	10.48	23.98	98.00	19.25	71.50	60.50	8.00	10.40	4.80	4.70		
24	16.03	14.23	10.48	55.70	80.50	16.40	71.50	37.50	8.00	6.00	4.75	6.45		
25	19.33	12.20	10.93	52.50	37.00	17.60	33.75	30.50	8.00	6.05	4.75	5.00		
26	21.50	10.33	11.38	52.75	23.75	18.50	30.60	20.75	7.50	6.35	17.60	10.85		
27	19.25	8.15	12.20	47.70	20.00	17.00	35.63	17.45	7.50	6.45	13.48	7.00		
28	15.88	6.80	12.73	43.40	13.25	14.98	33.13	15.50	7.50	5.90	6.00	6.50		
29	13.48	6.20	13.33	41.00	11.00	12.50	30.90	15.50	7.50	5.80	5.50	7.00		
30	11.00	5.90	14.08	38.90	10.70	11.00	28.00	14.30	7.50	5.60		9.50		
31		5.60		37.50	10.25		27.20		7.50	5.55		11.60		
Total	286.99	447.60	299.89	1162.77	712.14	673.04	1970.95	1515.48	295.48	210.65	178.23	220.13	7973.35	CMSDAY
Mean	9.57	14.44	10.00	37.51	22.97	22.43	63.58	50.52	9.53	6.80	6.15	7.10	21.79	CMS
Max	21.50	30.20	16.70	71.50	98.00	81.50	139.75	158.65	14.00	13.25	17.60	13.10	158.65	CMS
Min	4.55	5.60	6.25	14.75	8.75	9.50	14.75	14.30	7.50	5.55	4.75	4.70	4.55	CMS
Runoff	24.80	38.67	25.91	100.46	61.53	58.15	170.29	130.94	25.53	18.20	15.40	19.02	688.90	MCM
Momentary Peak	166.00	CMS.	at 8.60 m. (A.D.)	at 18.00 Hours	, on Nov 11, 2007									
Runoff Yield	10.60	Liters/Second/Square KM.			Momentary Peak Yield	80.58	Liters/Second/Square KM.							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.75	32.60	3.40	1.25	34.40	17.00	8.00	44.60	3.50	2.00	0.88	1.00		
2	0.75	13.75	1.05	1.25	13.25	17.00	36.83	25.80	3.50	2.00	0.88	1.13		
3	0.75	11.60	0.75	1.00	9.00	18.50	42.50	39.35	3.50	2.00	0.88	1.00		
4	1.18	12.00	1.10	0.75	6.25	18.50	99.75	77.50	3.50	2.00	0.95	1.18		
5	0.90	17.00	1.25	1.25	5.00	21.80	83.00	18.67	3.00	1.48	0.95	0.75		
6	0.75	8.00	4.05	2.90	4.50	17.00	42.50	13.00	3.00	1.00	0.95	0.93		
7	0.75	12.60	4.00	64.15	3.50	17.00	40.61	11.80	3.00	1.00	0.95	0.68		
8	0.60	21.47	1.00	63.20	3.10	18.50	110.45	15.50	3.00	1.00	0.93	0.75		
9	0.75	59.88	1.25	40.61	3.50	29.76	109.10	154.75	3.00	1.25	0.93	1.00		
10	0.50	72.25	1.50	73.30	3.50	8.00	18.50	122.25	3.50	1.38	0.75	1.00		
11	0.50	74.88	1.40	101.00	3.10	5.00	25.80	101.00	3.50	1.38	0.70	0.95		
12	0.75	65.10	1.00	107.75	3.00	5.00	17.00	72.78	5.10	1.13	0.70	0.95		
13	1.00	50.30	1.25	71.20	2.80	4.70	15.00	69.10	5.00	1.13	0.70	0.95		
14	1.80	9.00	1.10	39.35	3.00	4.50	28.44	42.50	3.50	1.00	0.68	0.75		
15	2.75	17.00	4.70	21.14	2.70	4.90	107.75	37.46	3.15	1.00	0.68	0.75		
16	1.50	17.00	6.25	9.80	3.70	8.00	83.00	27.12	4.35	1.00	0.70	0.75		
17	1.25	28.00	8.00	6.33	7.00	13.50	67.00	23.00	5.45	1.00	0.75	0.73		
18	1.25	28.00	3.50	5.00	7.00	83.00	57.50	16.40	8.40	2.50	0.75	0.73		
19	1.25	13.25	11.00	5.00	6.40	106.40	57.50	8.40	9.10	1.75	0.75	0.68		
20	1.00	10.00	9.20	6.25	9.00	64.15	83.00	15.50	8.90	1.75	0.75	0.68		
21	0.93	14.25	5.95	12.00	30.20	17.00	88.50	57.50	6.03	1.75	0.75	0.73		
22	1.25	36.20	3.70	36.83	46.00	9.00	61.30	62.25	5.05	2.00	0.75	0.73		
23	1.25	30.20	3.50	36.20	77.50	5.50	39.35	27.56	4.20	1.90	0.70	0.73		
24	1.00	25.80	2.70	33.80	73.30	5.50	17.90	12.80	3.80	0.88	0.70	0.73		
25	0.75	8.00	1.50	80.80	16.25	5.50	13.00	12.00	3.25	1.00	0.70	0.73		
26	1.00	6.25	1.50	65.10	18.50	5.50	12.20	7.00	2.80	1.00	0.68	1.00		
27	1.50	6.25	4.40	64.15	5.95	6.25	27.56	6.25	2.15	1.13	0.65	1.00		
28	1.25	6.25	10.80	29.76	3.70	5.00	28.00	5.50	2.15	1.13	0.65	1.18		
29	1.50	6.25	14.25	35.30	4.00	5.00	25.80	4.80	2.00	0.88	0.65	2.00		
30	11.20	5.50	3.50	49.50	3.95	4.00	13.00	4.40	1.85	0.88		2.00		
31		6.25		51.10	3.65		10.00		1.90	0.88		2.00		
Total	42.36	724.88	118.55	1117.02	416.70	550.46	1469.84	1136.54	124.13	42.18	22.44	30.17	5795.27	CMSDAY
Mean	1.41	23.38	3.95	36.03	13.44	18.35	47.41	37.88	4.00	1.36	0.77	0.97	15.83	CMS
Max	11.20	74.88	14.25	107.75	77.50	106.40	110.45	154.75	9.10	2.50	0.95	2.00	154.75	CMS
Min	0.50	5.50	0.75	0.75	2.70	4.00	8.00	4.40	1.85	0.88	0.65	0.68	0.50	CMS
Runoff	3.66	62.63	10.24	96.51	36.00	47.56	126.99	98.20	10.72	3.64	1.94	2.61	500.71	MCM
Momentary Peak	154.75 CMS. at 5.90 m. (A.D.) at 06.00 Hours , on Nov 9, 2007													
Runoff Yield	19.41 Liters/Second/Square KM.			Momentary Peak Yield			189.18 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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	5.80	48.50	10.00	16.30	106.80	59.00	32.50	81.00	38.50	12.00	6.00	8.80		
2	4.40	51.50	10.00	12.20	105.00	59.00	42.00	108.00	35.35	12.00	7.00	8.70		
3	3.95	40.60	10.00	10.70	97.60	59.00	66.60	112.20	31.45	12.00	7.00	8.50		
4	6.70	34.30	9.80	9.60	49.00	59.00	90.00	109.20	28.90	12.00	7.00	8.30		
5	7.30	38.05	13.00	9.30	49.00	37.30	108.00	116.25	23.35	12.00	7.00	8.00		
6	6.00	34.30	18.25	11.50	31.00	44.00	121.50	99.25	17.50	11.30	7.00	7.70		
7	5.80	27.70	23.20	42.80	31.00	44.00	121.50	97.60	16.00	11.30	7.00	7.50		
8	5.90	17.80	25.00	63.20	24.70	42.00	126.00	94.30	16.00	11.30	7.00	7.20		
9	7.10	33.25	26.50	72.20	18.10	57.00	137.50	92.65	16.00	11.70	7.00	7.00		
10	7.20	44.50	23.80	77.80	19.00	49.00	166.00	115.50	17.50	11.70	10.00	6.80		
11	7.60	74.60	24.85	92.10	18.40	49.00	213.00	121.50	17.50	11.00	10.00	6.90		
12	7.70	77.80	23.50	105.60	16.00	34.90	164.00	172.90	16.00	8.00	10.00	6.50		
13	7.90	77.00	20.50	108.00	15.00	31.00	109.20	182.10	16.00	8.00	10.00	6.20		
14	5.80	67.00	22.00	118.50	15.00	32.80	102.00	189.00	16.00	8.00	10.00	6.00		
15	5.70	48.50	22.00	122.25	15.00	34.00	105.00	172.90	16.00	8.00	10.00	5.90		
16	6.80	45.50	19.60	95.40	15.00	35.50	118.50	139.20	16.00	9.30	10.00	5.70		
17	6.90	34.90	34.60	74.20	19.00	51.50	133.25	129.00	16.00	9.30	9.00	5.50		
18	7.10	48.00	35.50	57.50	19.30	74.60	146.00	114.00	17.05	10.00	9.00	5.30		
19	7.20	53.25	31.00	50.25	19.45	91.00	146.00	96.50	16.30	10.00	9.00	4.90		
20	6.90	46.50	33.70	49.50	19.45	108.60	140.90	91.00	17.35	8.30	9.00	4.70		
21	6.80	36.10	37.00	52.75	17.50	114.00	152.00	96.50	13.00	8.30	9.00	4.70		
22	6.90	29.80	31.00	69.40	60.50	95.95	158.00	122.25	13.00	9.10	8.90	4.70		
23	7.40	28.60	22.90	52.50	94.85	81.00	168.30	123.00	13.00	8.30	8.90	4.70		
24	7.40	19.00	18.85	57.00	114.00	54.00	159.00	121.50	13.00	8.30	8.90	5.70		
25	7.00	14.40	16.00	107.40	105.00	50.50	152.00	97.60	13.00	8.30	8.90	5.50		
26	7.20	12.20	8.80	114.00	74.60	47.25	119.25	77.00	13.00	8.20	8.90	8.50		
27	7.00	10.00	8.80	114.75	49.00	42.00	102.00	55.50	13.00	9.00	8.90	7.00		
28	7.50	10.00	10.10	118.50	40.80	42.00	102.00	42.00	13.00	8.00	8.80	7.00		
29	7.70	10.20	27.85	114.00	35.50	35.50	86.00	40.00	13.00	8.00	8.80	6.60		
30	7.60	10.20	20.50	113.40	34.60	32.50	81.00	37.90	13.00	8.00		6.50		
31		10.20		108.00	52.50		81.00		13.00	8.00		6.40		
Total	202.25	1134.25	638.60	2220.60	1381.65	1646.90	3750.00	3247.30	547.75	298.70	248.00	203.40	15519.40	CMSDAY
Mean	6.74	36.59	21.29	71.63	44.57	54.90	120.97	108.24	17.67	9.64	8.55	6.56	42.40	CMS
Max	7.90	77.80	37.00	122.25	114.00	114.00	213.00	189.00	38.50	12.00	10.00	8.80	213.00	CMS
Min	3.95	10.00	8.80	9.30	15.00	31.00	32.50	37.90	13.00	8.00	6.00	4.70	3.95	CMS
Runoff	17.47	98.00	55.18	191.86	119.37	142.29	324.00	280.57	47.33	25.81	21.43	17.57	1340.88	MCM
Momentary Peak	213.00 CMS. at 7.60 m. (A.D.) at 06.00 Hours , on Oct 11, 2007													
Runoff Yield	20.48 Liters/Second/Square KM.			Momentary Peak Yield			102.60 Liters/Second/Square KM.							

WATER YEAR : 2007**THALE SAP SONGKHLA****Khlong U - Taphao at Ban Hat Yai Nai , Songkhla (X.44)**

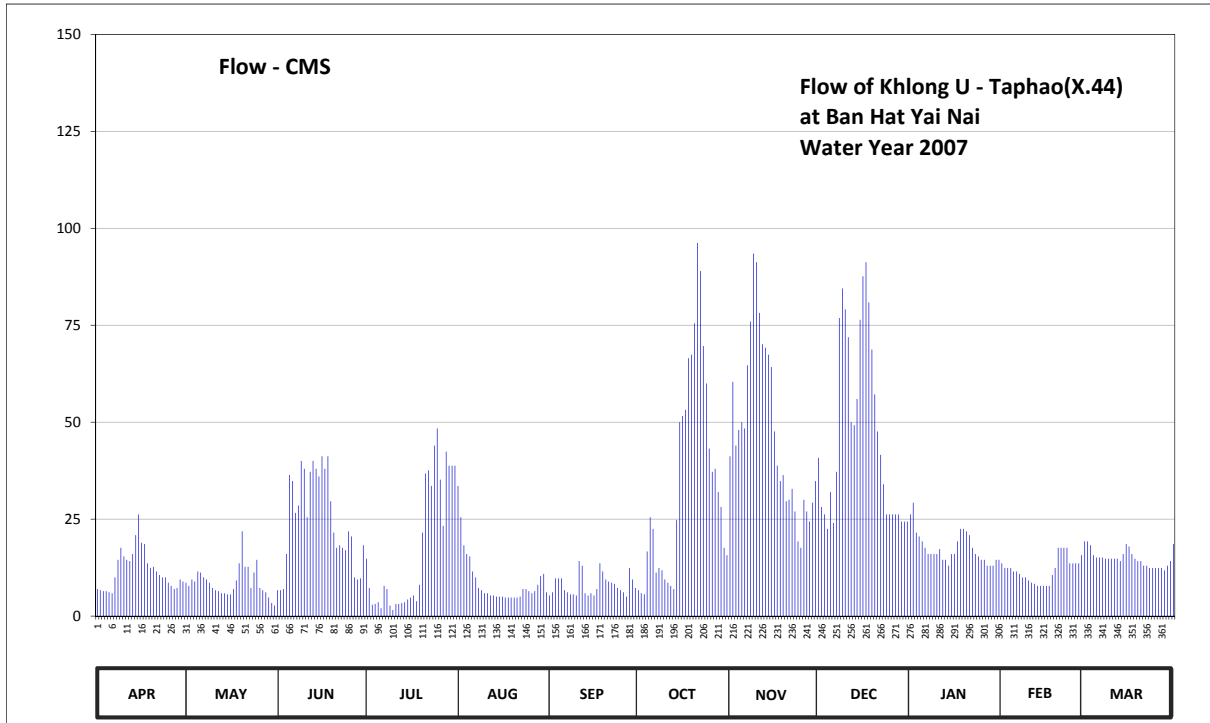
Lat 07 - 00 - 02 N Long 100 - 27 - 32 E

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	0.000	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 15 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.09	0.15	0.08	0.36	0.89	0.03	0.08	1.08	1.07	0.70	0.32	0.50	
2	0.08	0.12	0.08	0.10	0.68	0.06	0.05	1.56	0.75	0.78	0.28	0.50	
3	0.07	0.18	0.09	-0.07	0.47	0.19	0.04	1.15	0.70	0.57	0.28	0.47	
4	0.07	0.16	0.40	-0.06	0.40	0.19	0.42	1.25	0.60	0.54	0.28	0.39	
5	0.06	0.25	0.96	-0.04	0.38	0.19	0.68	1.30	0.85	0.50	0.25	0.37	
6	0.05	0.24	0.92	-0.11	0.25	0.08	0.60	1.26	0.64	0.45	0.25	0.37	
7	0.20	0.20	0.71	0.12	0.20	0.06	0.24	1.66	0.98	0.40	0.23	0.37	
8	0.35	0.18	0.76	0.09	0.10	0.04	0.28	1.91	1.93	0.40	0.20	0.36	
9	0.45	0.15	1.05	-0.08	0.08	0.04	0.26	2.30	2.10	0.40	0.20	0.36	
10	0.38	0.10	1.00	-0.13	0.05	0.03	0.18	2.25	1.98	0.40	0.17	0.36	
11	0.35	0.08	0.68	-0.06	0.05	0.34	0.15	1.96	1.82	0.44	0.15	0.36	
12	0.34	0.07	0.98	-0.06	0.03	0.30	0.12	1.78	1.30	0.35	0.14	0.36	
13	0.40	0.05	1.05	-0.05	0.03	0.05	0.09	1.76	1.28	0.35	0.12	0.34	
14	0.55	0.05	1.00	-0.04	0.02	0.03	0.66	1.72	1.45	0.30	0.12	0.40	
15	0.70	0.04	0.95	-0.01	0.02	0.05	1.30	1.65	1.92	0.40	0.12	0.48	
16	0.49	0.04	1.08	0.01	0.02	0.03	1.34	1.24	2.17	0.40	0.12	0.46	
17	0.48	0.09	1.00	0.03	0.01	0.09	1.38	1.02	2.25	0.50	0.12	0.40	
18	0.32	0.17	1.08	-0.03	0.01	0.32	1.70	0.92	2.02	0.60	0.22	0.36	
19	0.28	0.32	0.79	0.13	0.01	0.25	1.72	0.96	1.75	0.60	0.28	0.34	
20	0.29	0.58	0.57	0.57	0.01	0.18	1.90	0.79	1.48	0.58	0.45	0.34	
21	0.25	0.29	0.45	0.97	0.01	0.16	2.36	0.80	1.24	0.55	0.45	0.30	
22	0.22	0.29	0.47	0.99	0.02	0.15	2.20	0.87	1.09	0.45	0.45	0.30	
23	0.20	0.10	0.45	0.89	0.09	0.14	1.77	0.72	0.90	0.40	0.45	0.28	
24	0.20	0.24	0.43	1.15	0.09	0.10	1.55	0.50	0.70	0.38	0.32	0.28	
25	0.15	0.35	0.58	1.26	0.07	0.08	1.13	0.45	0.70	0.35	0.32	0.28	
26	0.12	0.10	0.54	0.93	0.05	0.06	0.98	0.80	0.70	0.35	0.32	0.28	
27	0.09	0.08	0.20	0.62	0.07	0.02	1.00	0.72	0.70	0.30	0.32	0.28	
28	0.10	0.06	0.18	1.11	0.13	0.28	0.85	0.65	0.70	0.30	0.39	0.26	
29	0.18	0.01	0.19	1.02	0.21	0.18	0.75	0.78	0.65	0.30	0.56	0.30	
30	0.16	-0.05	0.47	1.02	0.23	0.10	0.45	0.92	0.65	0.35	0.26	0.34	
31		-0.08		1.02	0.06		0.39		0.65	0.35		0.48	
Mean	0.26	0.15	0.64	0.38	0.15	0.13	0.86	1.22	1.22	0.44	0.27	0.36	
Max	0.70	0.58	1.08	1.26	0.89	0.34	2.36	2.30	2.25	0.78	0.56	0.50	2.36
Min	0.05	-0.08	0.08	-0.13	0.01	0.02	0.04	0.45	0.60	0.30	0.12	0.26	-0.13
Annual Max Momentary Gage Height	2.54		m. (MSL.) ,				at 15.00 Hours ,						on Oct 21, 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -1.64						m. (MSL.)
Left Bank Elevation		8.93		m. (MSL.) ,									
Right Bank Elevation		8.94		m. (MSL.) ,			Drainage Are	1,720					Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	6.98	8.63	6.70	14.80	33.60	5.33	6.70	41.20	40.80	26.25	13.60	19.25		
2	6.70	7.80	6.70	7.25	25.50	6.15	5.88	60.40	28.13	29.25	12.40	19.25		
3	6.43	9.45	6.98	2.93	18.28	9.73	5.60	44.00	26.25	21.53	12.40	18.28		
4	6.43	8.90	16.00	3.15	16.00	9.73	16.65	48.00	22.50	20.55	12.40	15.70		
5	6.15	11.50	36.40	3.60	15.40	9.73	25.50	50.00	32.00	19.25	11.50	15.10		
6	5.88	11.20	34.80	2.03	11.50	6.70	22.50	48.40	24.00	17.63	11.50	15.10		
7	10.00	10.00	26.63	7.80	10.00	6.15	11.20	64.70	37.20	16.00	10.90	15.10		
8	14.50	9.45	28.50	6.98	7.25	5.60	12.40	75.95	76.85	16.00	10.00	14.80		
9	17.63	8.63	40.00	2.70	6.70	5.60	11.80	93.50	84.50	16.00	10.00	14.80		
10	15.40	7.25	38.00	1.58	5.88	5.33	9.45	91.25	79.10	16.00	9.18	14.80		
11	14.50	6.70	25.50	3.15	5.88	14.20	8.63	78.20	71.90	17.30	8.63	14.80		
12	14.20	6.43	37.20	3.15	5.33	13.00	7.80	70.10	50.00	14.50	8.35	14.80		
13	16.00	5.88	40.00	3.38	5.33	5.88	6.98	69.20	49.20	14.50	7.80	14.20		
14	20.88	5.88	38.00	3.60	5.05	5.33	24.75	67.40	56.00	13.00	7.80	16.00		
15	26.25	5.60	36.00	4.28	5.05	5.88	50.00	64.25	76.40	16.00	7.80	18.60		
16	18.93	5.60	41.20	4.78	5.05	5.33	51.60	47.60	87.65	16.00	7.80	17.95		
17	18.60	6.98	38.00	5.33	4.78	6.98	53.20	38.80	91.25	19.25	7.80	16.00		
18	13.60	9.18	41.20	3.83	4.78	13.60	66.50	34.80	80.90	22.50	10.60	14.80		
19	12.40	13.60	29.63	8.08	4.78	11.50	67.40	36.40	68.75	22.50	12.40	14.20		
20	12.70	21.85	21.53	21.53	4.78	9.45	75.50	29.63	57.20	21.85	17.63	14.20		
21	11.50	12.70	17.63	36.80	4.78	8.90	96.20	30.00	47.60	20.88	17.63	13.00		
22	10.60	12.70	18.28	37.60	5.05	8.63	89.00	32.80	41.60	17.63	17.63	13.00		
23	10.00	7.25	17.63	33.60	6.98	8.35	69.65	27.00	34.00	16.00	17.63	12.40		
24	10.00	11.20	16.98	44.00	6.98	7.25	60.00	19.25	26.25	15.40	13.60	12.40		
25	8.63	14.50	21.85	48.40	6.43	6.70	43.20	17.63	26.25	14.50	13.60	12.40		
26	7.80	7.25	20.55	35.20	5.88	6.15	37.20	30.00	26.25	14.50	13.60	12.40		
27	6.98	6.70	10.00	23.25	6.43	5.05	38.00	27.00	26.25	13.00	13.60	12.40		
28	7.25	6.15	9.45	42.40	8.08	12.40	32.00	24.38	26.25	13.00	15.70	11.80		
29	9.45	4.78	9.73	38.80	10.30	9.45	28.13	29.25	24.38	13.00	21.20	13.00		
30	8.90	3.38	18.28	38.80	10.90	7.25	17.63	34.80	24.38	14.50		14.20		
31		2.70		38.80	6.15		15.70		24.38	14.50		18.60		
Total	355.27	269.82	749.35	531.58	278.88	241.33	1066.75	1425.89	1468.17	542.77	354.68	463.33	7747.82	CMSDAY
Mean	11.84	8.70	24.98	17.15	9.00	8.04	34.41	47.53	47.36	17.51	12.23	14.95	21.17	CMS
Max	26.25	21.85	41.20	48.40	33.60	14.20	96.20	93.50	91.25	29.25	21.20	19.25	96.20	CMS
Min	5.88	2.70	6.70	1.58	4.78	5.05	5.60	17.63	22.50	13.00	7.80	11.80	1.58	CMS
Runoff	30.70	23.31	64.74	45.93	24.10	20.85	92.17	123.20	126.85	46.90	30.64	40.03	669.41	MCM
Momentary Peak		104.30	CMS. at 2.54 m. (MSL.)											on Oct 21, 2007
Runoff Yield		12.34	Liters/Second/Square KM.				60.64	Liters/Second/Square KM.						

WATER YEAR : 2007

THALE SAP SONGKHLA

Khleng Tha Khae at Ban Tha Khae , Phatthalung (X.68)

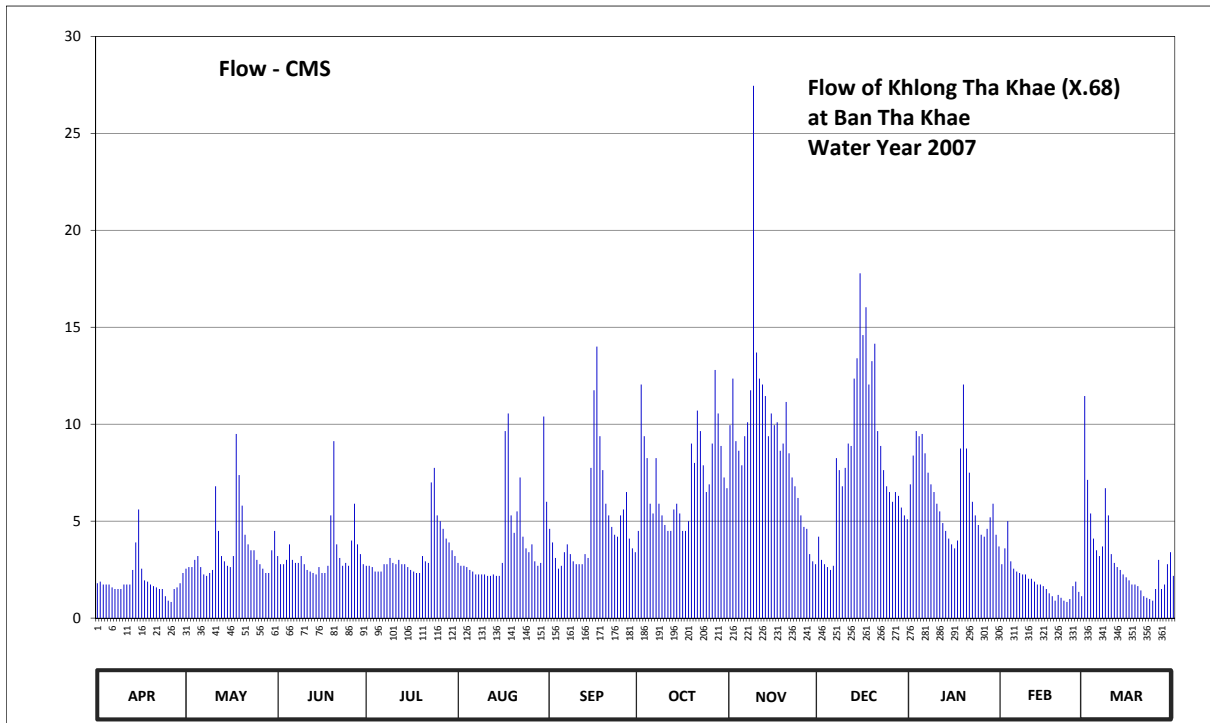
Lat 07 - 34 - 01 N Long 100 - 03 - 05 E

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	+0.000 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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Flow regulated by Tha Khae Weir. Stage-discharge relation defined by 15 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.04	13.14	13.22	13.16	13.18	13.36	13.35	13.83	13.32	13.59	13.17	13.93	
2	13.05	13.15	13.17	13.16	13.16	13.29	13.97	13.99	13.20	13.71	13.26	13.61	
3	13.03	13.15	13.17	13.15	13.16	13.21	13.79	13.77	13.17	13.81	13.40	13.44	
4	13.03	13.20	13.20	13.12	13.15	13.14	13.70	13.73	13.15	13.79	13.19	13.31	
5	13.03	13.22	13.28	13.12	13.13	13.16	13.49	13.67	13.13	13.80	13.14	13.25	
6	13.01	13.15	13.20	13.12	13.12	13.24	13.44	13.79	13.16	13.72	13.12	13.22	
7	13.00	13.10	13.18	13.17	13.10	13.28	13.70	13.84	13.70	13.64	13.11	13.27	
8	13.00	13.09	13.18	13.17	13.10	13.23	13.49	13.95	13.65	13.59	13.10	13.57	
9	13.00	13.11	13.22	13.21	13.10	13.19	13.43	14.82	13.58	13.55	13.10	13.43	
10	13.03	13.13	13.17	13.18	13.10	13.17	13.38	14.08	13.66	13.49	13.07	13.23	
11	13.03	13.58	13.13	13.17	13.09	13.17	13.35	13.99	13.76	13.45	13.07	13.18	
12	13.03	13.35	13.12	13.20	13.09	13.17	13.35	13.97	13.75	13.39	13.05	13.15	
13	13.13	13.22	13.11	13.17	13.10	13.23	13.46	13.93	13.99	13.35	13.03	13.13	
14	13.29	13.19	13.10	13.17	13.09	13.21	13.49	13.79	14.06	13.31	13.03	13.10	
15	13.46	13.16	13.15	13.15	13.09	13.66	13.44	13.87	14.33	13.28	13.02	13.08	
16	13.14	13.15	13.11	13.13	13.18	13.95	13.35	13.83	14.14	13.26	13.00	13.06	
17	13.06	13.22	13.11	13.12	13.81	14.10	13.35	13.84	14.23	13.30	12.97	13.03	
18	13.05	13.80	13.16	13.11	13.87	13.79	13.40	13.73	13.97	13.74	12.95	13.03	
19	13.03	13.63	13.43	13.11	13.43	13.65	13.76	13.76	14.05	13.97	12.92	13.02	
20	13.02	13.48	13.77	13.22	13.34	13.49	13.68	13.91	14.11	13.74	12.96	12.99	
21	13.01	13.33	13.28	13.19	13.45	13.43	13.88	13.72	13.81	13.64	12.94	12.95	
22	13.00	13.28	13.21	13.18	13.62	13.37	13.81	13.62	13.75	13.50	12.92	12.94	
23	13.00	13.25	13.16	13.60	13.32	13.33	13.67	13.58	13.65	13.43	12.91	12.93	
24	12.95	13.25	13.18	13.66	13.26	13.32	13.55	13.52	13.58	13.38	12.93	12.92	
25	12.92	13.20	13.16	13.43	13.24	13.43	13.59	13.43	13.55	13.33	13.02	13.00	
26	12.91	13.17	13.30	13.40	13.28	13.46	13.76	13.37	13.50	13.32	13.05	13.20	
27	13.00	13.14	13.49	13.36	13.19	13.55	14.02	13.36	13.55	13.36	12.98	13.00	
28	13.01	13.11	13.28	13.31	13.16	13.31	13.87	13.23	13.53	13.42	12.95	13.03	
29	13.04	13.11	13.23	13.29	13.18	13.26	13.75	13.19	13.47	13.49	13.83	13.17	
30	13.11	13.25	13.17	13.25	13.86	13.24	13.62	13.17	13.43	13.33	13.24	13.24	
31		13.35		13.22	13.50		13.57		13.41	13.27		13.09	
Mean	13.05	13.25	13.22	13.23	13.27	13.38	13.60	13.74	13.66	13.51	13.08	13.18	
Max	13.46	13.80	13.77	13.66	13.87	14.10	14.02	14.82	14.33	13.97	13.83	13.93	14.82
Min	12.91	13.09	13.10	13.11	13.09	13.14	13.35	13.17	13.13	13.26	12.91	12.92	12.91
Annual Max Momentary Gage Height	15.05		m. (MSL.) ,										
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	11.36	m. (MSL.)					
Left Bank Elevation		18.34		m. (MSL.) ,									
Right Bank Elevation		18.58		m. (MSL.) ,		Drainage Are	302	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.80	2.55	3.20	2.70	2.85	4.60	4.50	9.95	4.20	6.90	2.78	11.45	
2	1.88	2.63	2.78	2.70	2.70	3.90	12.05	12.35	3.00	8.38	3.60	7.13	
3	1.73	2.63	2.78	2.63	2.70	3.10	9.38	9.13	2.78	9.65	5.00	5.40	
4	1.73	3.00	3.00	2.40	2.63	2.55	8.25	8.63	2.63	9.38	2.93	4.10	
5	1.73	3.20	3.80	2.40	2.48	2.70	5.90	7.88	2.48	9.50	2.55	3.50	
6	1.58	2.63	3.00	2.40	2.40	3.40	5.40	9.38	2.70	8.50	2.40	3.20	
7	1.50	2.25	2.85	2.78	2.25	3.80	8.25	10.10	8.25	7.50	2.33	3.70	
8	1.50	2.18	2.85	2.78	2.25	3.30	5.90	11.75	7.63	6.90	2.25	6.70	
9	1.50	2.33	3.20	3.10	2.25	2.93	5.30	27.45	6.80	6.50	2.25	5.30	
10	1.73	2.48	2.78	2.85	2.25	2.78	4.80	13.70	7.75	5.90	2.03	3.30	
11	1.73	6.80	2.48	2.78	2.18	2.78	4.50	12.35	9.00	5.50	2.03	2.85	
12	1.73	4.50	2.40	3.00	2.18	2.78	4.50	12.05	8.88	4.90	1.88	2.63	
13	2.48	3.20	2.33	2.78	2.25	3.30	5.60	11.45	12.35	4.50	1.73	2.48	
14	3.90	2.93	2.25	2.78	2.18	3.10	5.90	9.38	13.40	4.10	1.73	2.25	
15	5.60	2.70	2.63	2.63	2.18	7.75	5.40	10.55	17.78	3.80	1.65	2.10	
16	2.55	2.63	2.33	2.48	2.85	11.75	4.50	9.95	14.60	3.60	1.50	1.95	
17	1.95	3.20	2.33	2.40	9.65	14.00	4.50	10.10	16.03	4.00	1.28	1.73	
18	1.88	9.50	2.70	2.33	10.55	9.38	5.00	8.63	12.05	8.75	1.13	1.73	
19	1.73	7.38	5.30	2.33	5.30	7.63	9.00	9.00	13.25	12.05	0.90	1.65	
20	1.65	5.80	9.13	3.20	4.40	5.90	8.00	11.15	14.15	8.75	1.20	1.43	
21	1.58	4.30	3.80	2.93	5.50	5.30	10.70	8.50	9.65	7.50	1.05	1.13	
22	1.50	3.80	3.10	2.85	7.25	4.70	9.65	7.25	8.88	6.00	0.90	1.05	
23	1.50	3.50	2.70	7.00	4.20	4.30	7.88	6.80	7.63	5.30	0.83	0.98	
24	1.13	3.50	2.85	7.75	3.60	4.20	6.50	6.20	6.80	4.80	0.98	0.90	
25	0.90	3.00	2.70	5.30	3.40	5.30	6.90	5.30	6.50	4.30	1.65	1.50	
26	0.83	2.78	4.00	5.00	3.80	5.60	9.00	4.70	6.00	4.20	1.88	3.00	
27	1.50	2.55	5.90	4.60	2.93	6.50	12.80	4.60	6.50	4.60	1.35	1.50	
28	1.58	2.33	3.80	4.10	2.70	4.10	10.55	3.30	6.30	5.20	1.13	1.73	
29	1.80	2.33	3.30	3.90	2.85	3.60	8.88	2.93	5.70	5.90	9.95	2.78	
30	2.33	3.50	2.78	3.50	10.40	3.40	7.25	2.78	5.30	4.30		3.40	
31		4.50		3.20	6.00		6.70		5.10	3.70		2.18	
Total	56.53	110.61	99.05	103.58	121.11	148.43	223.44	277.29	254.07	194.86	62.87	94.73	1746.57 CMSDAY
Mean	1.88	3.57	3.30	3.34	3.91	4.95	7.21	9.24	8.20	6.29	2.17	3.06	4.77 CMS
Max	5.60	9.50	9.13	7.75	10.55	14.00	12.80	27.45	17.78	12.05	9.95	11.45	27.45 CMS
Min	0.83	2.18	2.25	2.33	2.18	2.55	4.50	2.78	2.48	3.60	0.83	0.90	0.83 CMS
Runoff	4.88	9.56	8.56	8.95	10.46	12.82	19.31	23.96	21.95	16.84	5.43	8.18	150.90 MCM
Momentary Peak	32.88	CMS. at 15.05 m. (MSL.) at 09.00 Hours , on Nov 9, 2007											
Runoff Yield	15.83	Liters/Second/Square KM. Momentary Peak Yield 108.78 Liters/Second/Square KM.											

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong Tam at Ban Khuan Lang , Songkhla (X.71B)

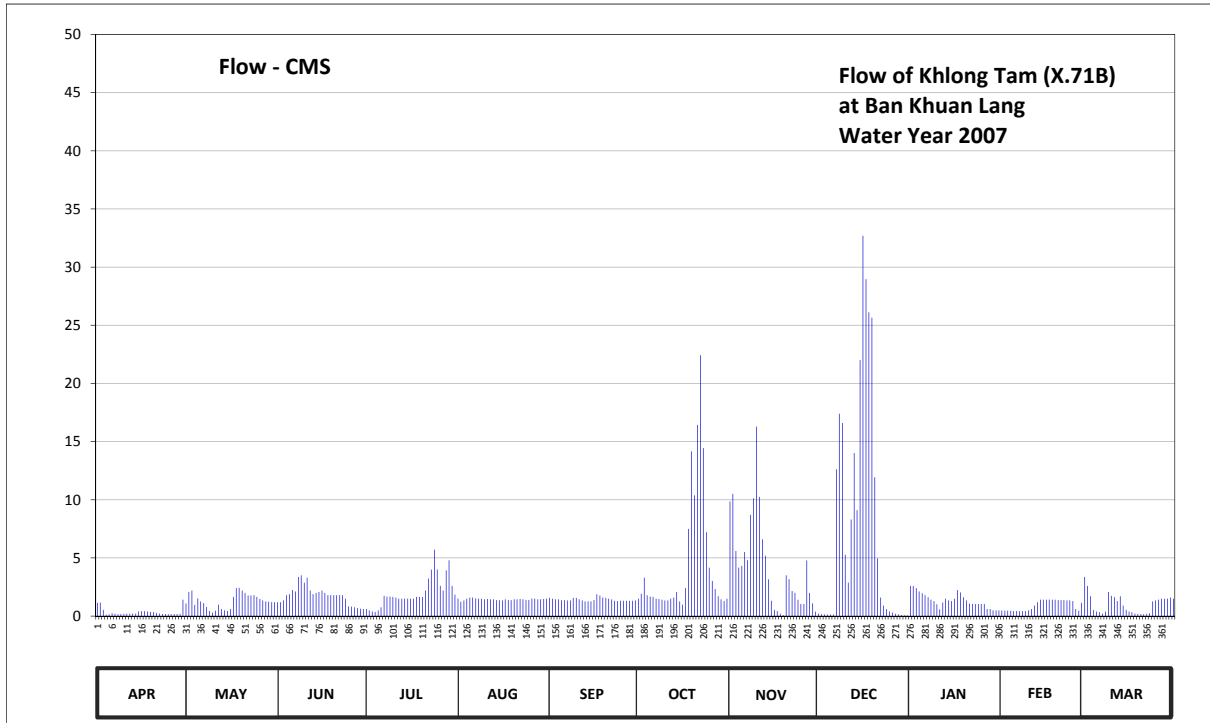
Lat 06 - 59 - 15 N Long 100 - 25 - 27 E

Location : on left bank at the bridge.

	Ban	Khuan Lang	Amphoe	Hat Yai	Changwat	Songkhla
Drainage Area	148	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 near the top staff gage.				Elevation	+11.204 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	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 19 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.58	5.56	5.60	5.40	5.70	5.72	5.70	6.82	4.82	6.00	5.34	6.11	
2	5.59	5.87	5.60	5.35	5.61	5.70	5.83	6.87	4.76	6.00	5.33	6.00	
3	5.37	5.90	5.65	5.30	5.65	5.68	6.10	6.40	4.75	5.95	5.33	5.77	
4	5.12	5.52	5.80	5.28	5.70	5.68	5.80	6.22	4.74	5.88	5.33	5.36	
5	5.15	5.71	5.82	5.35	5.73	5.66	5.76	6.24	4.74	5.84	5.32	5.30	
6	5.22	5.62	5.91	5.45	5.73	5.66	5.75	6.39	5.14	5.80	5.32	5.27	
7	5.20	5.57	5.88	5.78	5.71	5.65	5.70	6.30	7.03	5.74	5.31	5.21	
8	5.17	5.46	6.11	5.76	5.70	5.65	5.69	6.71	7.35	5.67	5.31	5.30	
9	5.18	5.32	6.13	5.76	5.70	5.72	5.67	6.84	7.30	5.63	5.31	5.87	
10	5.19	5.25	6.04	5.75	5.68	5.72	5.65	7.28	6.36	5.54	5.35	5.78	
11	5.20	5.33	6.10	5.73	5.69	5.68	5.65	6.85	6.04	5.39	5.40	5.74	
12	5.20	5.53	5.90	5.70	5.68	5.65	5.70	6.50	6.67	5.59	5.50	5.63	
13	5.20	5.40	5.82	5.70	5.68	5.62	5.73	6.35	7.13	5.70	5.60	5.77	
14	5.21	5.35	5.85	5.70	5.66	5.62	5.87	6.08	6.75	5.65	5.67	5.50	
15	5.30	5.32	5.87	5.70	5.66	5.62	5.62	5.64	7.59	5.63	5.67	5.37	
16	5.31	5.40	5.90	5.70	5.65	5.66	5.53	5.37	7.99	5.70	5.67	5.30	
17	5.31	5.75	5.85	5.70	5.68	5.82	5.95	5.01	7.87	5.91	5.67	5.27	
18	5.30	5.95	5.80	5.75	5.66	5.79	6.59	4.81	7.77	5.86	5.67	5.21	
19	5.28	5.96	5.80	5.75	5.66	5.73	7.14	4.70	7.75	5.74	5.67	5.19	
20	5.27	5.90	5.80	5.75	5.68	5.72	6.86	5.80	6.98	5.65	5.66	5.17	
21	5.24	5.85	5.80	5.90	5.68	5.70	7.29	5.75	6.32	5.56	5.66	5.17	
22	5.21	5.79	5.80	6.09	5.69	5.68	7.61	5.59	5.73	5.55	5.66	5.19	
23	5.19	5.79	5.80	6.20	5.68	5.64	7.16	5.55	5.50	5.55	5.65	5.22	
24	5.18	5.80	5.70	6.41	5.66	5.63	6.56	5.40	5.40	5.55	5.65	5.62	
25	5.17	5.75	5.48	6.20	5.66	5.64	6.22	5.28	5.30	5.55	5.63	5.65	
26	5.17	5.69	5.47	6.00	5.70	5.64	6.06	5.28	5.25	5.55	5.40	5.67	
27	5.18	5.65	5.45	5.90	5.70	5.64	5.93	5.95	5.20	5.40	5.33	5.70	
28	5.18	5.62	5.43	6.19	5.68	5.64	5.77	5.55	5.15	5.40	5.58	5.70	
29	5.19	5.61	5.41	6.30	5.68	5.64	5.68	5.30	5.10	5.35	5.74	5.70	
30	5.67	5.60	5.40	6.00	5.69	5.65	5.63	4.98	5.07	5.35		5.73	
31		5.60		5.81	5.70		5.70		5.05	5.35		5.70	
Mean	5.26	5.63	5.77	5.79	5.68	5.67	6.06	5.93	6.08	5.65	5.51	5.52	
Max	5.67	5.96	6.13	6.41	5.73	5.82	7.61	7.28	7.99	6.00	5.74	6.11	7.99
Min	5.12	5.25	5.40	5.28	5.61	5.62	5.53	4.70	4.74	5.35	5.31	5.17	4.70
Annual Max Momentary Gage Height	8.00		m. (MSL.) ,				at 06.00 Hours ,		on Dec 16, 2007				
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 4.02		m. (MSL.)				
Left Bank Elevation		11.22		m. (MSL.) ,									
Right Bank Elevation		11.38		m. (MSL.) ,			Drainage Are 148		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.14	1.08	1.20	0.60	1.50	1.56	1.50	9.86	0.22	2.60	0.48	3.37	
2	1.17	2.08	1.20	0.50	1.23	1.50	1.92	10.51	0.16	2.60	0.46	2.60	
3	0.54	2.20	1.35	0.40	1.35	1.44	3.30	5.60	0.15	2.40	0.46	1.71	
4	0.12	0.96	1.80	0.36	1.50	1.44	1.80	4.16	0.14	2.12	0.46	0.52	
5	0.15	1.53	1.88	0.50	1.59	1.38	1.68	4.32	0.14	1.96	0.44	0.40	
6	0.24	1.26	2.24	0.75	1.59	1.38	1.65	5.52	0.14	1.80	0.44	0.34	
7	0.20	1.11	2.12	1.74	1.53	1.35	1.50	4.80	12.62	1.62	0.42	0.22	
8	0.17	0.78	3.37	1.68	1.50	1.35	1.47	8.70	17.40	1.41	0.42	0.40	
9	0.18	0.44	3.51	1.68	1.50	1.56	1.41	10.12	16.60	1.29	0.42	2.08	
10	0.19	0.30	2.88	1.65	1.44	1.56	1.35	16.28	5.28	1.02	0.50	1.74	
11	0.20	0.46	3.30	1.59	1.47	1.44	1.35	10.25	2.88	0.58	0.60	1.62	
12	0.20	0.99	2.20	1.50	1.44	1.35	1.50	6.60	8.30	1.17	0.90	1.29	
13	0.20	0.60	1.88	1.50	1.44	1.26	1.59	5.20	14.02	1.50	1.20	1.71	
14	0.22	0.50	2.00	1.50	1.38	1.26	2.08	3.16	9.10	1.35	1.41	0.90	
15	0.40	0.44	2.08	1.50	1.38	1.26	1.26	1.32	22.00	1.29	1.41	0.54	
16	0.42	0.60	2.20	1.50	1.35	1.38	0.99	0.54	32.69	1.50	1.41	0.40	
17	0.42	1.65	2.00	1.50	1.44	1.88	2.40	0.42	28.97	2.24	1.41	0.34	
18	0.40	2.40	1.80	1.65	1.38	1.77	7.50	0.21	26.11	2.04	1.41	0.22	
19	0.36	2.44	1.80	1.65	1.38	1.59	14.16	0.10	25.65	1.62	1.41	0.19	
20	0.34	2.20	1.80	1.65	1.44	1.56	10.38	3.50	11.94	1.35	1.38	0.17	
21	0.28	2.00	1.80	2.20	1.44	1.50	16.44	3.18	4.96	1.08	1.38	0.17	
22	0.22	1.77	1.80	3.23	1.47	1.44	22.43	2.16	1.59	1.05	1.38	0.19	
23	0.19	1.77	1.80	4.00	1.44	1.32	14.44	2.00	0.90	1.05	1.35	0.24	
24	0.18	1.80	1.50	5.70	1.38	1.29	7.20	1.40	0.60	1.05	1.35	1.26	
25	0.17	1.65	0.84	4.00	1.38	1.32	4.16	1.04	0.40	1.05	1.29	1.35	
26	0.17	1.47	0.81	2.60	1.50	1.32	3.02	1.04	0.30	1.05	0.60	1.41	
27	0.18	1.35	0.75	2.20	1.50	1.32	2.32	4.78	0.20	0.60	0.46	1.50	
28	0.18	1.26	0.69	3.93	1.44	1.32	1.71	2.00	0.15	0.60	1.14	1.50	
29	0.19	1.23	0.63	4.80	1.44	1.32	1.44	1.10	0.10	0.50	1.62	1.50	
30	1.41	1.20	0.60	2.60	1.47	1.35	1.29	0.38	0.07	0.50		1.59	
31		1.20		1.84	1.50		1.50		0.05	0.50		1.50	
Total	10.43	40.72	53.83	62.50	44.79	42.77	136.74	130.25	243.83	42.49	27.61	32.97	868.93 CMSDAY
Mean	0.35	1.31	1.79	2.02	1.44	1.43	4.41	4.34	7.87	1.37	0.95	1.06	2.37 CMS
Max	1.41	2.44	3.51	5.70	1.59	1.88	22.43	16.28	32.69	2.60	1.62	3.37	32.69 CMS
Min	0.12	0.30	0.60	0.36	1.23	1.26	0.99	0.10	0.05	0.50	0.42	0.17	0.05 CMS
Runoff	0.90	3.52	4.65	5.40	3.87	3.70	11.81	11.25	21.07	3.67	2.39	2.85	75.08 MCM
Momentary Peak	33.00	CMS. at 8.00 m. (MSL.) at 06.00 Hours , on Dec 16, 2007											
Runoff Yield	12.33	Liters/Second/Square KM. Momentary Peak Yield 170.89 Liters/Second/Square KM.											

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong U - Taphao at Ban Bang Sala , Songkhla (X.90)

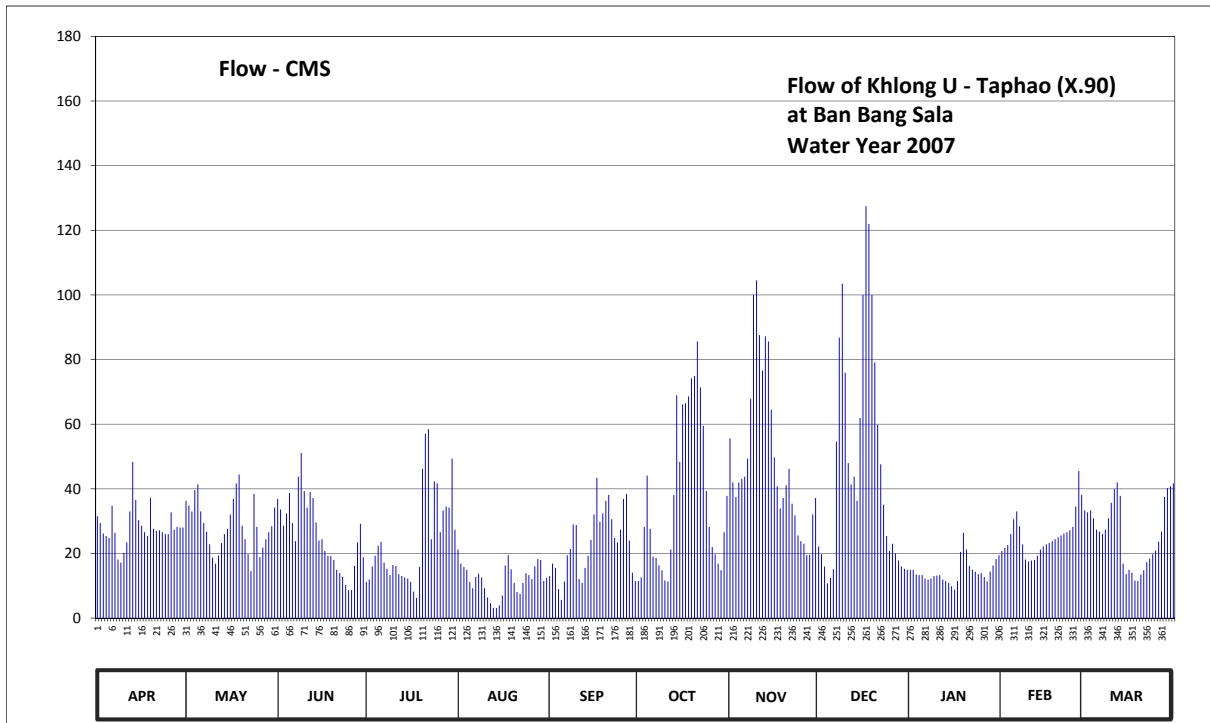
Lat 06 - 55 - 39 N Long 100 - 26 - 37 E

Location : on left bank at the bridge near Wat Bang Sala, Tambon Thung Lan.

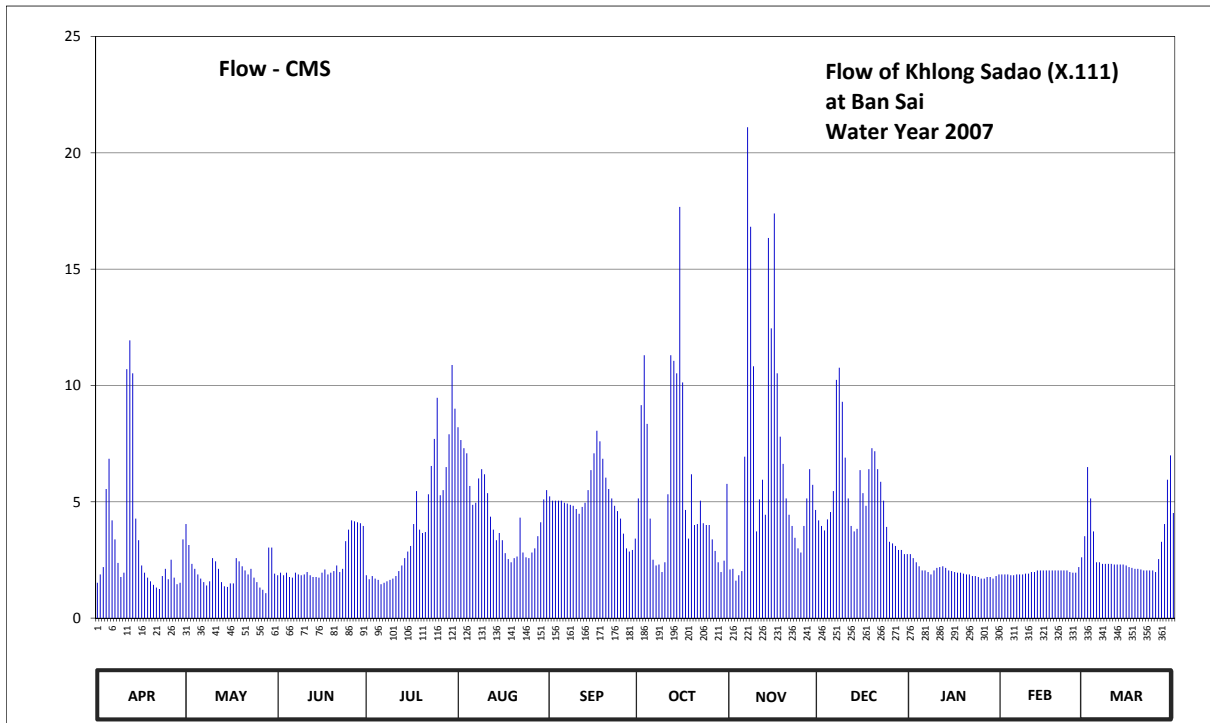
	Ban	Bang Sala	Amphoe	Khlong Hoi Khong	Changwat	Songkhla
Drainage Area	1,547	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 20 meters from the top staff gage.				Elevation	+11.254 m. (MSL.)
Gage Reading 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 32 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.05	3.21	3.23	1.88	2.55	2.00	1.90	3.79	2.61	2.13	2.52	3.11	
2	2.97	3.16	3.12	1.93	2.26	2.26	1.97	3.40	2.45	2.13	2.58	3.09	
3	2.81	3.10	2.93	2.20	2.19	2.17	2.91	3.25	2.20	2.03	2.63	3.11	
4	2.77	3.32	3.08	2.42	2.13	1.73	3.46	3.40	1.85	2.02	2.80	3.03	
5	2.74	3.38	3.29	2.62	1.88	1.51	2.88	3.43	1.96	2.02	3.02	2.87	
6	3.16	3.10	2.97	2.68	1.75	1.89	2.40	3.45	2.14	1.95	3.10	2.84	
7	2.82	2.97	2.69	2.28	1.98	2.43	2.37	3.61	3.76	1.93	2.92	2.80	
8	2.34	2.84	3.45	2.15	2.05	2.56	2.22	4.14	4.67	1.95	2.64	2.87	
9	2.28	2.64	3.66	2.02	1.97	2.95	2.12	5.00	5.07	2.00	2.34	3.03	
10	2.48	2.38	3.31	2.23	1.75	2.94	1.91	5.09	4.37	2.01	2.30	3.19	
11	2.67	2.26	3.14	2.21	1.56	1.94	1.89	4.69	3.57	2.02	2.32	3.33	
12	3.10	2.42	3.30	2.04	1.44	1.86	2.55	4.39	3.38	1.93	2.33	3.40	
13	3.58	2.66	3.24	2.00	1.31	2.17	3.27	4.68	3.45	1.90	2.42	3.26	
14	3.22	2.80	2.98	1.97	1.31	2.42	4.17	4.64	3.21	1.86	2.55	2.26	
15	3.01	2.88	2.70	1.95	1.39	2.71	3.58	4.04	3.97	1.79	2.61	2.04	
16	2.93	3.07	2.72	1.88	1.60	3.07	4.09	3.62	5.00	1.72	2.64	2.13	
17	2.83	3.23	2.52	1.68	2.22	3.44	4.10	3.36	5.55	1.90	2.66	2.07	
18	2.77	3.39	2.42	1.55	2.43	2.99	4.16	3.13	5.44	2.50	2.69	1.91	
19	3.24	3.47	2.41	2.19	2.14	3.08	4.32	3.24	5.00	2.82	2.72	1.90	
20	2.88	2.93	2.33	3.52	1.86	3.21	4.34	3.37	4.46	2.55	2.75	2.03	
21	2.85	2.72	2.13	3.83	1.67	3.27	4.64	3.52	3.91	2.21	2.78	2.12	
22	2.86	2.45	2.06	3.87	1.63	3.02	4.24	3.18	3.56	2.13	2.81	2.29	
23	2.83	2.10	1.98	2.72	1.86	2.74	3.90	3.06	3.17	2.09	2.83	2.36	
24	2.80	3.28	1.82	3.41	2.06	2.67	3.31	2.78	2.77	2.04	2.86	2.45	
25	2.80	2.91	1.71	3.39	2.02	2.87	2.91	2.69	2.52	2.06	2.91	2.53	
26	3.09	2.39	1.71	2.83	1.94	3.23	2.60	2.65	2.65	1.98	3.15	2.68	
27	2.87	2.59	2.21	3.11	2.20	3.28	2.45	2.43	2.47	1.89	3.50	2.84	
28	2.91	2.72	2.67	3.15	2.35	2.70	2.26	2.44	2.32	2.09	3.27	3.25	
29	2.90	2.83	2.96	3.14	2.33	2.07	2.12	3.07	2.20	2.22	3.28	3.34	
30	2.90	2.92	2.39	3.61	1.90	1.90	2.83	3.24	2.15	2.35	3.36	3.36	
31		3.14		2.87	1.96		3.26		2.13	2.43		3.39	
Mean	2.88	2.88	2.70	2.56	1.93	2.57	3.07	3.56	3.35	2.09	2.76	2.74	
Max	3.58	3.47	3.66	3.87	2.55	3.44	4.64	5.09	5.55	2.82	3.50	3.40	5.55
Min	2.28	2.10	1.71	1.55	1.31	1.51	1.89	2.43	1.85	1.72	2.30	1.90	1.31
Annual Max Momentary Gage Height	5.63												at 15.00 Hours , on Dec 17, 2007
Zero Gage at Bottom Elevation	0.00												River Bed -0.84 m. (MSL.)
Left Bank Elevation		11.04											m. (MSL.) ,
Right Bank Elevation		11.94											m. (MSL.) ,
													Drainage Are 1,547 Square Kilometers

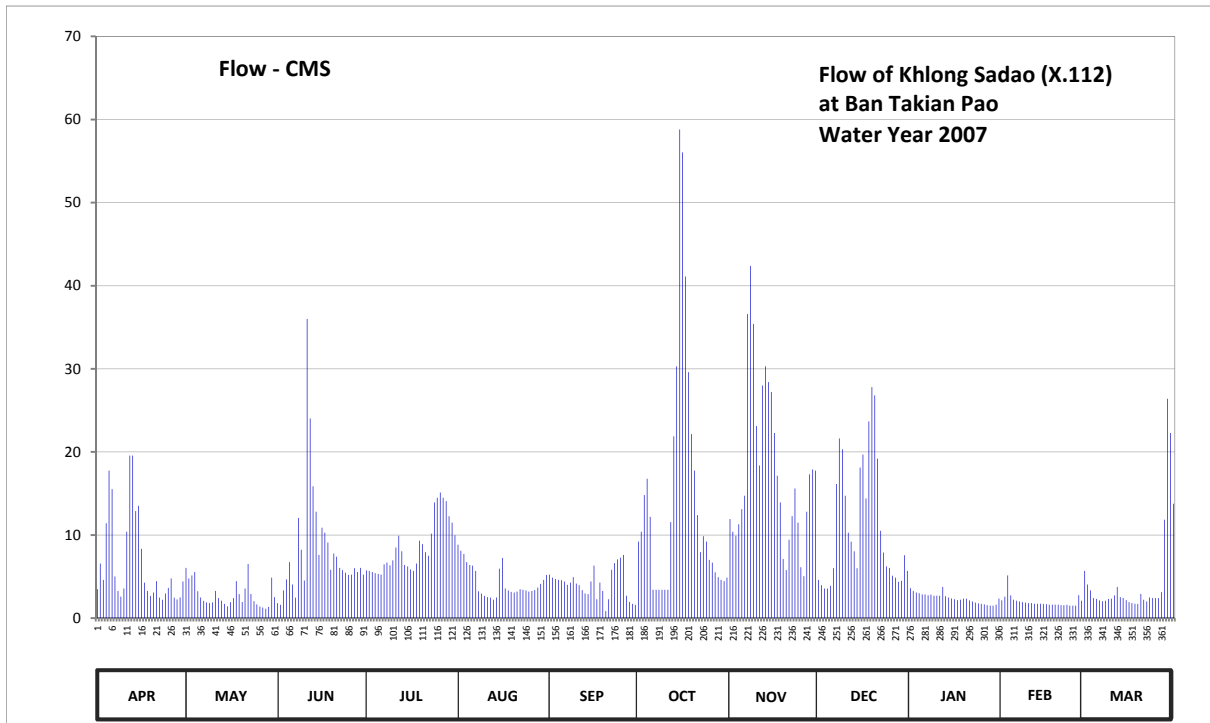


Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008														
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	31.50	36.30	36.90	11.20	21.25	13.00	11.50	55.65	22.20	14.95	20.80	33.30		
2	29.40	34.80	33.60	11.95	16.90	16.90	12.55	42.00	19.75	14.95	21.70	32.70		
3	26.20	33.00	28.60	16.00	15.85	15.55	28.20	37.50	16.00	13.45	22.60	33.30		
4	25.40	39.60	32.40	19.30	14.95	8.95	44.10	42.00	10.75	13.30	26.00	30.90		
5	24.80	41.40	38.70	22.40	11.20	5.65	27.60	43.05	12.40	13.30	30.60	27.40		
6	34.80	33.00	29.40	23.60	9.25	11.35	19.00	43.75	15.10	12.25	33.00	26.80		
7	26.40	29.40	23.80	17.20	12.70	19.45	18.55	49.35	54.60	11.95	28.40	26.00		
8	18.10	26.80	43.75	15.25	13.75	21.40	16.30	67.90	86.80	12.25	22.80	27.40		
9	17.20	22.80	51.10	13.30	12.55	29.00	14.80	100.00	103.50	13.00	18.10	30.90		
10	20.20	18.70	39.30	16.45	9.25	28.80	11.65	104.50	75.95	13.15	17.50	35.70		
11	23.40	16.90	34.20	16.15	6.40	12.10	11.35	87.60	47.95	13.30	17.80	39.90		
12	33.00	19.30	39.00	13.60	4.60	10.90	21.25	76.65	41.40	11.95	17.95	42.00		
13	48.30	23.20	37.20	13.00	3.10	15.55	38.10	87.20	43.75	11.50	19.30	37.80		
14	36.60	26.00	29.60	12.55	3.10	19.30	68.95	85.60	36.30	10.90	21.25	16.90		
15	30.30	27.60	24.00	12.25	3.90	24.20	48.30	64.40	61.95	9.85	22.20	13.60		
16	28.60	32.10	24.40	11.20	7.00	32.10	66.15	49.70	100.00	8.80	22.80	14.95		
17	26.60	36.90	20.80	8.20	16.30	43.40	66.50	40.80	127.50	11.50	23.20	14.05		
18	25.40	41.70	19.30	6.25	19.45	29.80	68.60	33.90	122.00	20.50	23.80	11.65		
19	37.20	44.45	19.15	15.85	15.10	32.40	74.20	37.20	100.00	26.40	24.40	11.50		
20	27.60	28.60	17.95	46.20	10.90	36.30	74.90	41.10	79.10	21.25	25.00	13.45		
21	27.00	24.40	14.95	57.05	8.05	38.10	85.60	46.20	59.85	16.15	25.60	14.80		
22	27.20	19.75	13.90	58.45	7.45	30.60	71.40	35.40	47.60	14.95	26.20	17.35		
23	26.60	14.50	12.70	24.40	10.90	24.80	59.50	31.80	35.10	14.35	26.60	18.40		
24	26.00	38.40	10.30	42.35	13.90	23.40	39.30	25.60	25.40	13.60	27.20	19.75		
25	26.00	28.20	8.65	41.70	13.30	27.40	28.20	23.80	20.80	13.90	28.20	20.95		
26	32.70	18.85	8.65	26.60	12.10	36.90	22.00	23.00	23.00	12.70	34.50	23.60		
27	27.40	21.85	16.15	33.30	16.00	38.40	19.75	19.45	20.05	11.35	45.50	26.80		
28	28.20	24.40	23.40	34.50	18.25	24.00	16.90	19.60	17.80	14.35	38.10	37.50		
29	28.00	26.60	29.20	34.20	17.95	14.05	14.80	32.10	16.00	16.30	38.40	40.20		
30	28.00	28.40	18.85	49.35	11.50	11.50	26.60	37.20	15.25	18.25		40.80		
31		34.20		27.40	12.40		37.80		14.95	19.45		41.70		
Total	848.10	892.10	779.90	751.20	369.30	695.25	1164.40	1484.00	1472.80	443.85	749.50	822.05	10472.45	CMSDAY
Mean	28.27	28.78	26.00	24.23	11.91	23.17	37.56	49.47	47.51	14.32	25.84	26.52	28.61	CMS
Max	48.30	44.45	51.10	58.45	21.25	43.40	85.60	104.50	127.50	26.40	45.50	42.00	127.50	CMS
Min	17.20	14.50	8.65	6.25	3.10	5.65	11.35	19.45	10.75	8.80	17.50	11.50	3.10	CMS
Runoff	73.28	77.08	67.38	64.90	31.91	60.07	100.60	128.22	127.25	38.35	64.76	71.03	904.82	MCM
Momentary Peak		131.50		CMS. at 5.63 m. (MSL.)										at 15.00 Hours , on Dec 17, 2007
Runoff Yield		18.55		Liters/Second/Square KM.										Momentary Peak Yield 85.00 Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.52	4.04	1.84	1.84	8.20	5.23	5.14	2.09	4.20	2.75	1.88	3.52	
2	1.88	3.14	1.95	1.67	7.65	5.05	9.15	2.12	3.96	2.58	1.88	6.49	
3	2.19	2.33	1.84	1.81	7.30	5.05	11.30	1.61	3.77	2.40	1.88	5.14	
4	5.55	2.12	1.95	1.70	7.08	5.05	8.35	1.84	4.24	2.23	1.84	3.73	
5	6.85	1.88	1.77	1.64	5.68	5.05	4.28	2.02	4.56	2.05	1.84	2.40	
6	4.20	1.70	1.74	1.46	4.87	4.96	2.51	6.94	5.46	2.05	1.88	2.40	
7	3.38	1.55	1.95	1.52	4.96	4.92	2.26	21.10	10.24	1.98	1.88	2.33	
8	2.37	1.40	1.88	1.58	6.00	4.87	2.30	16.82	10.76	1.88	1.88	2.33	
9	1.77	1.58	1.84	1.64	6.40	4.83	1.98	10.82	9.30	2.05	1.91	2.33	
10	1.95	2.58	1.88	1.70	6.18	4.69	2.40	3.73	6.90	2.16	1.91	2.33	
11	10.70	2.44	1.98	1.81	5.37	4.48	5.32	5.10	5.14	2.19	1.98	2.30	
12	11.94	2.12	1.84	2.02	4.36	4.78	11.30	5.95	3.96	2.23	1.98	2.30	
13	10.52	1.55	1.77	2.26	3.80	4.96	11.06	4.44	3.73	2.16	2.05	2.30	
14	4.28	1.37	1.77	2.58	3.35	5.50	10.52	16.34	3.84	2.05	2.05	2.30	
15	3.35	1.34	1.74	2.86	3.66	6.36	17.67	12.45	6.36	2.02	2.05	2.26	
16	2.26	1.49	1.95	3.10	3.35	7.08	10.13	17.39	5.37	1.98	2.05	2.19	
17	1.95	1.49	2.09	4.04	2.79	8.05	4.65	10.52	4.83	1.95	2.05	2.16	
18	1.74	2.58	1.88	5.46	2.54	7.60	3.42	7.80	6.40	1.95	2.05	2.12	
19	1.58	2.44	1.95	3.80	2.40	6.85	6.18	6.63	7.30	1.91	2.05	2.12	
20	1.43	2.23	2.02	3.66	2.58	6.04	4.00	5.14	7.17	1.88	2.05	2.09	
21	1.31	2.05	2.26	3.70	2.65	5.55	4.04	4.44	6.40	1.88	2.05	2.05	
22	1.25	1.88	1.98	5.32	4.32	5.14	5.05	3.96	5.86	1.81	2.05	2.05	
23	1.81	2.12	2.12	6.54	2.82	4.83	4.08	3.45	5.05	1.81	2.05	2.05	
24	2.12	1.74	3.31	7.70	2.61	4.60	4.00	3.00	3.92	1.77	1.98	2.05	
25	1.67	1.55	3.80	9.47	2.58	4.28	4.00	2.82	3.28	1.70	1.95	1.98	
26	2.51	1.31	4.20	5.28	2.82	3.63	3.38	3.96	3.21	1.70	1.95	2.54	
27	1.74	1.22	4.16	5.50	3.00	3.00	2.89	5.14	3.10	1.77	2.19	3.28	
28	1.46	1.07	4.12	6.49	3.52	2.86	2.40	6.40	2.93	1.77	2.61	4.04	
29	1.52	3.03	4.08	7.90	4.12	2.93	1.98	5.73	2.93	1.70	3.10	5.95	
30	3.38	3.03	3.96	10.88	5.10	3.42	2.47	4.65	2.75	1.81		6.99	
31		1.91		9.00	5.50		5.77		2.75	1.88		4.52	
Total	100.18	62.28	71.62	125.93	137.56	151.64	173.98	204.40	159.67	62.05	59.07	92.64	1401.02 CMSDAY
Mean	3.34	2.01	2.39	4.06	4.44	5.05	5.61	6.81	5.15	2.00	2.04	2.99	3.83 CMS
Max	11.94	4.04	4.20	10.88	8.20	8.05	17.67	21.10	10.76	2.75	3.10	6.99	21.10 CMS
Min	1.25	1.07	1.74	1.46	2.40	2.86	1.98	1.61	2.75	1.70	1.84	1.98	1.07 CMS
Runoff	8.66	5.38	6.19	10.88	11.89	13.10	15.03	17.66	13.80	5.36	5.10	8.00	121.05 MCM
Momentary Peak	22.17	CMS.	at 29.82 m. (MSL.)										at 18.00 Hours , on Nov 7, 2007
Runoff Yield	15.64	Liters/Second/Square KM.											Momentary Peak Yield 90.34 Liters/Second/Square KM.



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.48	6.04	1.80	5.73	8.84	5.23	9.20	11.91	4.60	3.60	2.13	5.68		
2	6.57	4.78	1.59	5.68	8.11	4.87	10.40	10.40	3.96	3.28	2.58	4.04		
3	4.60	5.14	3.32	5.55	7.72	4.69	14.80	9.92	3.56	3.08	5.14	3.32		
4	11.42	5.55	4.65	5.41	6.73	4.60	16.77	11.28	3.56	3.00	2.73	2.40		
5	17.76	3.24	6.73	5.32	6.40	4.56	12.19	13.12	3.88	2.85	2.22	2.31		
6	15.52	2.49	4.04	5.23	6.31	4.40	3.40	14.72	6.00	2.85	2.10	2.13		
7	5.01	2.07	2.46	6.46	5.68	4.00	3.40	36.60	16.14	2.76	2.01	2.04		
8	3.28	1.89	12.05	6.68	3.24	4.28	3.40	42.38	21.62	2.82	1.92	2.10		
9	2.58	1.80	8.22	6.36	2.94	4.92	3.40	35.40	20.32	2.70	1.86	2.31		
10	3.56	1.89	4.52	6.95	2.67	4.16	3.40	23.12	14.72	2.70	1.80	2.34		
11	10.40	3.28	36.00	8.49	2.52	3.96	3.40	18.36	10.28	2.70	1.80	2.73		
12	19.56	2.40	24.02	9.92	2.46	3.36	11.56	28.00	9.20	3.76	1.74	3.76		
13	19.56	2.10	15.87	8.05	2.22	2.97	21.88	30.30	8.05	2.64	1.74	2.52		
14	12.88	1.71	12.80	6.40	2.49	2.88	30.30	28.40	6.00	2.49	1.74	2.43		
15	13.52	1.41	7.61	6.22	5.95	4.40	58.80	27.20	18.12	2.37	1.71	2.16		
16	8.33	1.92	10.88	5.86	7.23	6.31	56.04	22.27	19.68	2.28	1.68	1.92		
17	4.28	2.40	10.28	5.68	3.56	2.28	41.10	17.13	14.40	2.16	1.62	1.80		
18	3.28	4.44	9.08	6.57	3.32	4.28	29.60	13.92	23.66	2.22	1.62	1.74		
19	2.67	2.88	5.82	9.32	3.16	3.28	22.14	7.12	27.80	2.34	1.62	1.71		
20	3.08	1.95	7.78	8.90	3.08	0.84	17.76	5.77	26.80	2.34	1.62	2.91		
21	4.44	3.56	7.39	7.94	3.20	2.28	12.40	9.44	19.20	2.13	1.56	2.22		
22	2.46	6.51	6.04	7.50	3.48	5.82	7.94	12.26	10.52	2.01	1.56	2.01		
23	2.22	2.91	5.77	10.16	3.40	6.62	9.86	15.60	7.89	1.86	1.59	2.49		
24	2.97	2.04	5.46	13.92	3.32	7.06	9.20	11.49	6.22	1.77	1.50	2.43		
25	3.64	1.65	5.19	14.48	3.20	7.28	7.01	6.13	6.04	1.71	1.50	2.40		
26	4.78	1.38	5.23	15.12	3.28	7.61	6.68	5.05	5.10	1.65	1.50	2.40		
27	2.46	1.26	6.00	14.48	3.36	2.70	5.50	12.80	4.87	1.56	2.76	3.12		
28	2.25	1.14	5.55	14.08	3.68	1.95	4.92	17.31	4.36	1.50	2.10	11.84		
29	2.49	1.35	6.04	12.26	4.12	1.71	4.60	17.88	4.48	1.50	2.64	26.40		
30	4.40	4.87	5.23	11.49	4.60	1.59	4.44	17.76	7.56	1.62		22.27		
31		2.52		9.98	5.19		4.87		5.68	2.34		13.76		
Total	203.45	88.57	247.42	266.19	135.46	124.89	450.36	533.04	344.27	74.59	58.09	143.69	2670.02	CMSDAY
Mean	6.78	2.86	8.25	8.59	4.37	4.16	14.53	17.77	11.11	2.41	2.00	4.64	7.30	CMS
Max	19.56	6.51	36.00	15.12	8.84	7.61	58.80	42.38	27.80	3.76	5.14	26.40	58.80	CMS
Min	2.22	1.14	1.59	5.23	2.22	0.84	3.40	5.05	3.56	1.50	1.50	1.71	0.84	CMS
Runoff	17.58	7.65	21.38	23.00	11.70	10.79	38.91	46.05	29.74	6.44	5.02	12.41	230.69	MCM
Momentary Peak	58.80 CMS. at 25.00 m. (MSL.) at 06.00 Hours , on Oct 15, 2007													
Runoff Yield	14.84 Liters/Second/Square KM.			Momentary Peak Yield 119.27 Liters/Second/Square KM.										

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong La Pang at Ban Thung Prap , Songkhla (X.113)

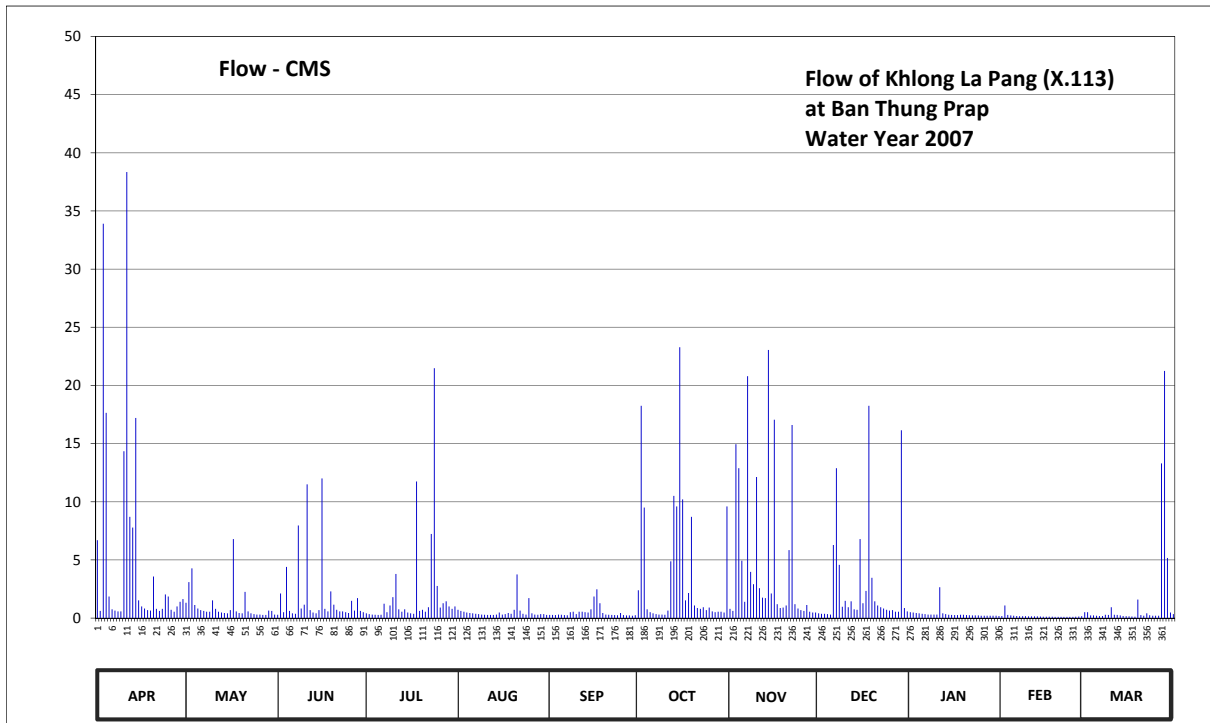
Lat 06 - 37 - 59 N Long 100 - 23 - 46 E

Location : on right bank at Ban Thung Prap.

	Ban Thung Prap	Amphoe Sadao	Changwat Songkhla
Drainage Area	118 sq.km.		
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 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	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	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 16 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	33.20	32.28	31.99	32.03	32.12	31.98	32.53	32.14	32.03	32.06	31.92	32.06	
2	32.09	32.67	32.47	32.01	32.09	31.98	34.15	32.09	32.02	32.05	32.22	32.06	
3	34.78	32.88	32.06	32.00	32.07	31.97	33.50	33.93	32.02	32.04	31.98	31.95	
4	34.11	32.23	32.90	31.99	32.05	32.00	32.13	33.79	32.01	32.03	31.95	31.95	
5	32.41	32.15	32.09	31.98	32.04	31.99	32.06	32.99	32.00	32.02	31.94	31.93	
6	32.13	32.11	32.03	31.99	32.03	31.97	32.03	32.30	33.15	32.01	31.92	31.92	
7	32.10	32.09	32.02	32.26	32.02	31.96	32.01	34.28	33.79	32.00	31.91	31.92	
8	32.08	32.07	33.34	32.06	32.01	32.06	32.00	32.83	32.93	32.00	31.91	31.99	
9	32.08	32.07	32.15	32.22	32.00	32.07	32.00	32.64	32.19	32.00	31.91	31.98	
10	33.89	32.33	32.24	32.40	31.99	32.01	31.99	33.73	32.32	32.00	31.90	32.18	
11	34.91	32.14	33.68	32.80	31.98	32.07	32.10	32.57	32.18	32.59	31.90	31.99	
12	33.42	32.07	32.11	32.13	31.98	32.07	32.98	32.39	32.31	32.03	31.90	31.98	
13	33.32	32.05	32.05	32.07	31.98	32.06	33.60	32.38	32.13	32.01	31.90	31.95	
14	34.08	32.04	32.03	32.13	32.00	32.05	33.51	34.38	32.12	31.99	31.89	31.92	
15	32.33	32.03	32.11	32.05	32.05	32.13	34.39	32.47	33.21	31.98	31.88	31.91	
16	32.20	32.11	33.72	32.03	32.00	32.41	33.57	34.07	32.27	31.97	31.88	31.90	
17	32.15	33.21	32.14	32.02	32.01	32.55	32.33	32.25	32.52	31.97	31.88	31.89	
18	32.11	32.08	32.08	33.70	32.04	32.27	32.48	32.16	34.15	31.99	31.88	31.88	
19	32.10	32.04	32.51	32.09	32.02	32.04	33.42	32.17	32.74	31.99	31.87	32.35	
20	32.76	32.03	32.24	32.12	32.12	32.00	32.22	32.22	32.31	31.97	31.87	31.97	
21	32.14	32.50	32.12	32.07	32.79	31.99	32.16	33.10	32.22	31.96	31.87	31.94	
22	32.09	32.08	32.08	32.18	32.10	31.98	32.14	34.04	32.18	31.95	31.87	32.03	
23	32.14	32.03	32.08	33.26	32.02	31.97	32.18	32.25	32.15	31.95	31.87	31.96	
24	32.45	32.01	32.06	34.31	32.00	31.96	32.11	32.15	32.12	31.95	31.87	31.94	
25	32.41	32.00	32.04	32.61	32.38	32.04	32.17	32.11	32.10	31.94	31.87	31.93	
26	32.12	32.00	32.32	32.17	32.03	31.97	32.08	32.09	32.11	31.93	31.88	31.93	
27	32.07	31.98	32.10	32.27	32.00	31.95	32.06	32.23	32.07	31.93	31.89	33.82	
28	32.20	31.98	32.38	32.31	31.99	31.95	32.07	32.07	32.07	31.93	31.91	34.30	
29	32.30	32.10	32.09	32.20	32.01	31.94	32.07	32.05	34.01	31.93	32.69	33.02	
30	32.36	32.09	32.06	32.14	32.01	31.96	32.05	32.05	32.16	31.93		32.05	
31		32.00		32.20	31.98		33.51		32.08	31.92		32.01	
Mean	32.68	32.18	32.31	32.32	32.06	32.05	32.57	32.73	32.44	32.00	31.94	32.15	
Max	34.91	33.21	33.72	34.31	32.79	32.55	34.39	34.38	34.15	32.59	32.69	34.30	34.91
Min	32.07	31.98	31.99	31.98	31.98	31.94	31.99	32.05	32.00	31.92	31.87	31.88	31.87
Annual Max Momentary Gage Height	35.67		m. (MSL.) ,				at 06.00 Hours , on Apr. 3, 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	31.60	m. (MSL.)					
Left Bank Elevation		37.96	m. (MSL.) ,										
Right Bank Elevation		38.01	m. (MSL.) ,			Drainage Are	118	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.70	1.32	0.29	0.41	0.72	0.27	2.39	0.79	0.41	0.51	0.18	0.51	
2	0.62	3.09	2.12	0.34	0.62	0.27	18.25	0.62	0.37	0.48	1.08	0.51	
3	33.90	4.28	0.51	0.30	0.55	0.26	9.50	14.95	0.37	0.44	0.27	0.23	
4	17.65	1.12	4.40	0.29	0.48	0.30	0.76	12.88	0.34	0.41	0.23	0.23	
5	1.85	0.83	0.62	0.27	0.44	0.29	0.51	4.94	0.30	0.37	0.21	0.20	
6	0.76	0.69	0.41	0.29	0.41	0.26	0.41	1.40	6.28	0.34	0.18	0.18	
7	0.65	0.62	0.37	1.24	0.37	0.24	0.34	20.80	12.88	0.30	0.17	0.18	
8	0.58	0.55	7.96	0.51	0.34	0.51	0.30	3.98	4.58	0.30	0.17	0.29	
9	0.58	0.55	0.83	1.08	0.30	0.55	0.30	2.92	0.97	0.30	0.17	0.27	
10	14.35	1.52	1.16	1.80	0.29	0.34	0.29	12.13	1.48	0.30	0.15	0.93	
11	38.35	0.79	11.50	3.80	0.27	0.55	0.65	2.57	0.93	2.66	0.15	0.29	
12	8.70	0.55	0.69	0.76	0.27	0.55	4.88	1.76	1.44	0.41	0.15	0.27	
13	7.78	0.48	0.48	0.55	0.27	0.51	10.50	1.72	0.76	0.34	0.15	0.23	
14	17.20	0.44	0.41	0.76	0.30	0.48	9.60	23.05	0.72	0.29	0.14	0.18	
15	1.52	0.41	0.69	0.48	0.48	0.76	23.28	2.12	6.79	0.27	0.12	0.17	
16	1.00	0.69	12.00	0.41	0.30	1.85	10.20	17.05	1.28	0.26	0.12	0.15	
17	0.83	6.79	0.79	0.37	0.34	2.48	1.52	1.20	2.34	0.26	0.12	0.14	
18	0.69	0.58	0.58	11.75	0.44	1.28	2.16	0.86	18.25	0.29	0.12	0.12	
19	0.65	0.44	2.30	0.62	0.37	0.44	8.70	0.90	3.47	0.29	0.11	1.60	
20	3.58	0.41	1.16	0.72	0.72	0.30	1.08	1.08	1.44	0.26	0.11	0.26	
21	0.79	2.25	0.72	0.55	3.75	0.29	0.86	5.85	1.08	0.24	0.11	0.21	
22	0.62	0.58	0.58	0.93	0.65	0.27	0.79	16.60	0.93	0.23	0.11	0.41	
23	0.79	0.41	0.58	7.24	0.37	0.26	0.93	1.20	0.83	0.23	0.11	0.24	
24	2.03	0.34	0.51	21.48	0.30	0.24	0.69	0.83	0.72	0.23	0.11	0.21	
25	1.85	0.30	0.44	2.76	1.72	0.44	0.90	0.69	0.65	0.21	0.11	0.20	
26	0.72	0.30	1.48	0.90	0.41	0.26	0.58	0.62	0.69	0.20	0.12	0.20	
27	0.55	0.27	0.65	1.28	0.30	0.23	0.51	1.12	0.55	0.20	0.14	13.30	
28	1.00	0.27	1.72	1.44	0.29	0.23	0.55	0.55	0.55	0.20	0.17	21.25	
29	1.40	0.65	0.62	1.00	0.34	0.21	0.55	0.48	16.15	0.20	3.20	5.17	
30	1.64	0.62	0.51	0.79	0.34	0.24	0.48	0.48	0.86	0.20		0.48	
31		0.30		1.00	0.27		9.60		0.58	0.18		0.34	
Total	169.33	32.44	57.08	66.12	17.02	15.16	122.06	156.14	88.99	11.40	8.28	48.95	792.97 CMSDAY
Mean	5.64	1.05	1.90	2.13	0.55	0.51	3.94	5.20	2.87	0.37	0.29	1.58	2.17 CMS
Max	38.35	6.79	12.00	21.48	3.75	2.48	23.28	23.05	18.25	2.66	3.20	21.25	38.35 CMS
Min	0.55	0.27	0.29	0.27	0.27	0.21	0.29	0.48	0.30	0.18	0.11	0.12	0.11 CMS
Runoff	14.63	2.80	4.93	5.71	1.47	1.31	10.55	13.49	7.69	0.98	0.72	4.23	68.51 MCM
Momentary Peak	76.90	CMS. at 35.67 m. (MSL.) at 06.00 Hours , on Apr. 3, 2007											
Runoff Yield	18.34	Liters/Second/Square KM. Momentary Peak Yield 649.22 Liters/Second/Square KM.											

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong Lam at Ban Khlong Lam , Phatthalung (X.170)

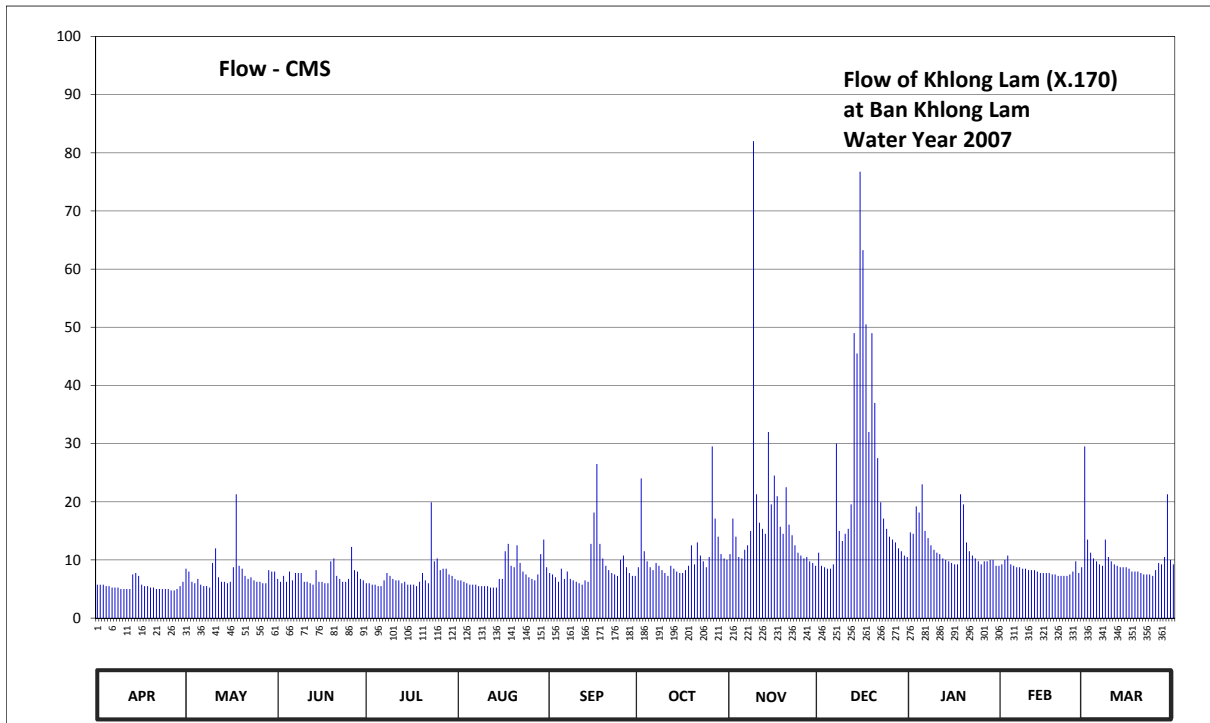
Lat 07 - 33 - 22 N Long 99 - 59 - 31 E

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. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank about 21 meters from the top staff gage.	Elevation +27.274 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	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 good. Stage-discharge relation defined by 22 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	20.43	20.54	20.47	20.44	20.46	20.51	20.55	20.64	20.65	20.79	20.57	21.15	
2	20.43	20.52	20.45	20.44	20.46	20.50	21.04	20.86	20.56	20.78	20.60	20.74	
3	20.43	20.45	20.49	20.43	20.45	20.48	20.66	20.76	20.55	20.92	20.63	20.65	
4	20.42	20.44	20.45	20.43	20.44	20.45	20.59	20.62	20.54	20.89	20.57	20.61	
5	20.42	20.47	20.52	20.42	20.43	20.54	20.55	20.61	20.54	21.02	20.56	20.59	
6	20.41	20.43	20.46	20.42	20.43	20.47	20.53	20.67	20.57	20.80	20.55	20.57	
7	20.41	20.42	20.51	20.46	20.43	20.52	20.58	20.70	21.16	20.75	20.55	20.56	
8	20.41	20.42	20.51	20.51	20.42	20.47	20.56	20.80	20.80	20.70	20.54	20.74	
9	20.40	20.41	20.51	20.49	20.42	20.46	20.53	22.00	20.73	20.67	20.54	20.62	
10	20.40	20.58	20.45	20.47	20.42	20.45	20.51	20.98	20.78	20.65	20.53	20.59	
11	20.40	20.68	20.45	20.46	20.42	20.44	20.49	20.84	20.81	20.64	20.53	20.57	
12	20.40	20.48	20.44	20.46	20.41	20.43	20.56	20.81	20.93	20.61	20.53	20.56	
13	20.50	20.45	20.43	20.44	20.41	20.46	20.54	20.78	21.54	20.60	20.52	20.55	
14	20.51	20.45	20.53	20.45	20.41	20.45	20.52	21.20	21.47	20.59	20.51	20.55	
15	20.49	20.44	20.45	20.43	20.47	20.71	20.51	20.93	21.93	20.58	20.51	20.55	
16	20.43	20.45	20.45	20.43	20.47	20.89	20.51	21.05	21.75	20.57	20.51	20.54	
17	20.42	20.55	20.44	20.43	20.66	21.09	20.53	20.97	21.57	20.57	20.51	20.52	
18	20.42	20.98	20.44	20.42	20.71	20.71	20.56	20.82	21.20	20.98	20.50	20.52	
19	20.41	20.56	20.59	20.45	20.56	20.61	20.70	20.78	21.54	20.93	20.50	20.52	
20	20.41	20.54	20.61	20.51	20.55	20.56	20.57	21.01	21.30	20.72	20.49	20.51	
21	20.40	20.49	20.49	20.46	20.70	20.53	20.72	20.83	21.11	20.66	20.49	20.50	
22	20.40	20.47	20.47	20.44	20.58	20.51	20.63	20.77	20.94	20.63	20.49	20.50	
23	20.40	20.48	20.45	20.94	20.52	20.50	20.59	20.70	20.86	20.61	20.49	20.50	
24	20.40	20.46	20.45	20.59	20.50	20.49	20.55	20.65	20.81	20.59	20.50	20.49	
25	20.40	20.45	20.47	20.61	20.48	20.60	20.62	20.63	20.76	20.57	20.52	20.53	
26	20.39	20.45	20.69	20.53	20.47	20.63	21.15	20.61	20.74	20.59	20.59	20.58	
27	20.39	20.44	20.53	20.54	20.46	20.55	20.86	20.62	20.72	20.59	20.51	20.57	
28	20.40	20.44	20.52	20.54	20.50	20.51	20.76	20.59	20.68	20.60	20.55	20.62	
29	20.42	20.53	20.47	20.50	20.64	20.49	20.64	20.58	20.66	20.60	21.02	20.98	
30	20.45	20.52	20.46	20.49	20.74	20.49	20.61	20.56	20.63	20.56	20.49	20.60	
31		20.52		20.47	20.55		20.60		20.62	20.56		20.57	
Mean	20.42	20.50	20.49	20.49	20.50	20.55	20.62	20.81	20.95	20.69	20.55	20.60	
Max	20.51	20.98	20.69	20.94	20.74	21.09	21.15	22.00	21.93	21.02	21.02	21.15	22.00
Min	20.39	20.41	20.43	20.42	20.41	20.43	20.49	20.56	20.54	20.56	20.49	20.49	20.39
Annual Max Momentary Gage Height	22.80		m. (MSL.) ,				at 06.00 Hours ,		on Nov 9, 2007				
Zero Gage at Bottom Elevation		0.00	m. (MSL.) ,				River Bed	18.64	m. (MSL.)				
Left Bank Elevation		28.85	m. (MSL.) ,										
Right Bank Elevation		29.06	m. (MSL.) ,				Drainage Are	258	Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.75	8.50	6.75	6.00	6.50	7.75	8.75	11.00	11.25	14.75	9.25	29.50	
2	5.75	8.00	6.25	6.00	6.50	7.50	24.00	17.10	9.00	14.50	10.00	13.50	
3	5.75	6.25	7.25	5.75	6.25	7.00	11.50	14.00	8.75	19.20	10.75	11.25	
4	5.50	6.00	6.25	5.75	6.00	6.25	9.75	10.50	8.50	18.15	9.25	10.25	
5	5.50	6.75	8.00	5.50	5.75	8.50	8.75	10.25	8.50	23.00	9.00	9.75	
6	5.25	5.75	6.50	5.50	5.75	6.75	8.25	11.75	9.25	15.00	8.75	9.25	
7	5.25	5.50	7.75	6.50	5.75	8.00	9.50	12.50	30.00	13.75	8.75	9.00	
8	5.25	5.50	7.75	7.75	5.50	6.75	9.00	15.00	15.00	12.50	8.50	13.50	
9	5.00	5.25	7.75	7.25	5.50	6.50	8.25	82.00	13.25	11.75	8.50	10.50	
10	5.00	9.50	6.25	6.75	5.50	6.25	7.75	21.30	14.50	11.25	8.25	9.75	
11	5.00	12.00	6.25	6.50	5.50	6.00	7.25	16.40	15.35	11.00	8.25	9.25	
12	5.00	7.00	6.00	6.50	5.25	5.75	9.00	15.35	19.55	10.25	8.25	9.00	
13	7.50	6.25	5.75	6.00	5.25	6.50	8.50	14.50	49.00	10.00	8.00	8.75	
14	7.75	6.25	8.25	6.25	5.25	6.25	8.00	32.00	45.50	9.75	7.75	8.75	
15	7.25	6.00	6.25	5.75	6.75	12.75	7.75	19.55	76.75	9.50	7.75	8.75	
16	5.75	6.25	6.25	5.75	6.75	18.15	7.75	24.50	63.25	9.25	7.75	8.50	
17	5.50	8.75	6.00	5.75	11.50	26.50	8.25	20.95	50.50	9.25	7.75	8.00	
18	5.50	21.30	6.00	5.50	12.75	12.75	9.00	15.70	32.00	21.30	7.50	8.00	
19	5.25	9.00	9.75	6.25	9.00	10.25	12.50	14.50	49.00	19.55	7.50	8.00	
20	5.25	8.50	10.25	7.75	8.75	9.00	9.25	22.50	37.00	13.00	7.25	7.75	
21	5.00	7.25	7.25	6.50	12.50	8.25	13.00	16.05	27.50	11.50	7.25	7.50	
22	5.00	6.75	6.75	6.00	9.50	7.75	10.75	14.25	19.90	10.75	7.25	7.50	
23	5.00	7.00	6.25	19.90	8.00	7.50	9.75	12.50	17.10	10.25	7.25	7.50	
24	5.00	6.50	6.25	9.75	7.50	7.25	8.75	11.25	15.35	9.75	7.50	7.25	
25	5.00	6.25	6.75	10.25	7.00	10.00	10.50	10.75	14.00	9.25	8.00	8.25	
26	4.75	6.25	12.25	8.25	6.75	10.75	29.50	10.25	13.50	9.75	9.75	9.50	
27	4.75	6.00	8.25	8.50	6.50	8.75	17.10	10.50	13.00	9.75	7.75	9.25	
28	5.00	6.00	8.00	8.50	7.50	7.75	14.00	9.75	12.00	10.00	8.75	10.50	
29	5.50	8.25	6.75	7.50	11.00	7.25	11.00	9.50	11.50	10.00	23.00	21.30	
30	6.25	8.00	6.50	7.25	13.50	7.25	10.25	9.00	10.75	9.00		10.00	
31		8.00		6.75	8.75		10.00		10.50	9.00		9.25	
Total	165.00	234.55	216.25	223.90	234.25	267.65	337.35	515.15	731.00	385.70	255.25	318.80	3884.85 CMSDAY
Mean	5.50	7.57	7.21	7.22	7.56	8.92	10.88	17.17	23.58	12.44	8.80	10.28	10.61 CMS
Max	7.75	21.30	12.25	19.90	13.50	26.50	29.50	82.00	76.75	23.00	23.00	29.50	82.00 CMS
Min	4.75	5.25	5.75	5.50	5.25	5.75	7.25	9.00	8.50	9.00	7.25	7.25	4.75 CMS
Runoff	14.26	20.27	18.68	19.34	20.24	23.12	29.15	44.51	63.16	33.32	22.05	27.54	335.65 MCM
Momentary Peak	152.00 CMS. at 22.80 m. (MSL.) at 06.00 Hours , on Nov 9, 2007												
Runoff Yield	41.25	Liters/Second/Square KM.		Momentary Peak Yield		589.15	Liters/Second/Square KM.						

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong U - Taphao at Ban Muang Kong , Songkhla (X.173A)

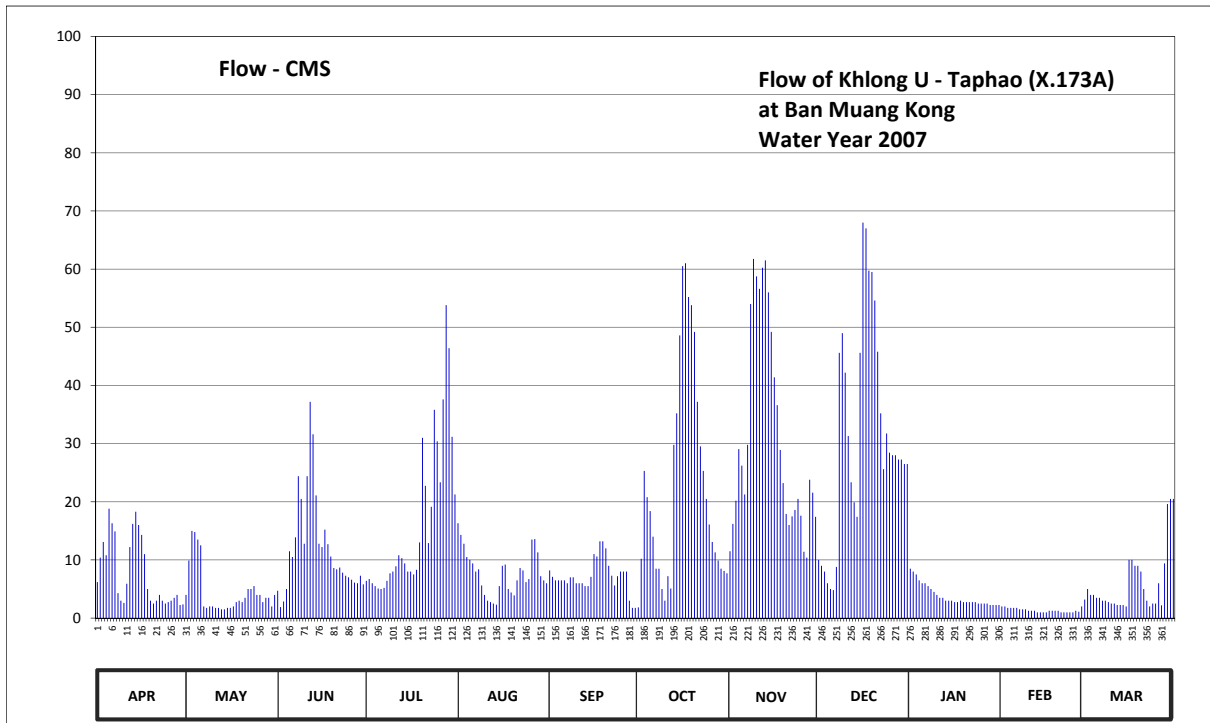
Lat 06 - 49 - 26 N Long 100 - 26 - 17 E

Location : on right bank at the bridge on Hat Yai - Sadao Highway.

	Ban Muang Kong	Amphoe Sadao	Changwat Songkhla
Drainage Area	1,063 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	+16.125 m. (MSL.)
Gage Reading Frequency	Recording.		
Basis of Mean Daily Gage Height	Arithmetic mean of 24 readings		
Period of Available Gage Records	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Fairly stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records good. Stage-discharge relation defined by 17 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	10.52	10.30	10.37	10.54	11.53	10.72	9.97	11.05	10.90	10.75	10.00	10.22	
2	10.94	10.89	9.98	10.57	11.33	10.61	10.92	11.52	10.80	10.70	10.00	10.40	
3	11.21	11.40	10.17	10.50	11.18	10.55	12.22	11.88	10.70	10.65	9.95	10.30	
4	10.98	11.38	10.40	10.45	10.95	10.55	11.92	12.47	10.50	10.55	9.95	10.30	
5	11.78	11.25	11.05	10.41	10.90	10.55	11.74	12.28	10.40	10.50	9.95	10.25	
6	11.53	11.15	10.95	10.40	10.84	10.55	11.30	11.95	10.38	10.50	9.95	10.25	
7	11.39	10.00	11.29	10.42	10.70	10.50	10.75	12.52	10.78	10.45	9.90	10.20	
8	10.33	9.95	12.16	10.54	10.74	10.60	10.75	13.80	13.38	10.40	9.90	10.20	
9	10.20	10.00	11.90	10.67	10.46	10.60	10.40	14.15	13.55	10.35	9.90	10.15	
10	10.12	10.00	11.18	10.70	10.30	10.50	10.20	14.03	13.21	10.30	9.85	10.10	
11	10.49	9.95	12.16	10.79	10.20	10.50	10.62	13.93	12.62	10.25	9.85	10.10	
12	11.12	9.95	12.96	10.98	10.15	10.50	10.41	14.09	12.09	10.25	9.85	10.05	
13	11.52	9.90	12.64	10.93	10.10	10.45	12.52	14.14	11.86	10.20	9.80	10.05	
14	11.73	9.90	11.94	10.84	10.06	10.45	12.86	13.90	11.64	10.20	9.80	10.05	
15	11.50	9.95	11.18	10.70	10.45	10.61	13.53	13.56	13.38	10.20	9.80	10.00	
16	11.33	9.95	11.12	10.70	10.80	11.00	14.10	13.17	14.40	10.15	9.80	10.90	
17	11.00	10.00	11.42	10.65	10.82	10.96	14.12	12.93	14.36	10.15	9.85	10.90	
18	10.40	10.15	11.17	10.73	10.40	11.22	13.86	12.46	14.07	10.20	9.85	10.80	
19	10.20	10.20	10.96	11.20	10.34	11.22	13.79	12.08	14.06	10.15	9.85	10.80	
20	10.10	10.15	10.76	12.60	10.29	11.10	13.56	11.69	13.83	10.15	9.85	10.70	
21	10.20	10.25	10.74	12.05	10.55	10.80	12.96	11.50	13.39	10.15	9.80	10.40	
22	10.30	10.40	10.77	11.19	10.76	10.63	12.50	11.65	12.86	10.15	9.80	10.20	
23	10.20	10.40	10.68	11.81	10.72	10.46	12.22	11.76	12.24	10.15	9.80	10.00	
24	10.10	10.45	10.63	12.89	10.52	10.62	11.90	11.90	12.65	10.10	9.80	10.10	
25	10.15	10.30	10.60	12.56	10.57	10.70	11.51	11.66	12.43	10.10	9.80	10.10	
26	10.20	10.30	10.56	12.09	11.25	10.70	11.21	11.04	12.40	10.10	9.85	10.50	
27	10.25	10.15	10.51	12.98	11.26	10.70	11.03	10.94	12.40	10.10	9.82	10.04	
28	10.30	10.25	10.50	13.79	11.03	10.20	10.89	12.12	12.35	10.05	10.00	10.84	
29	10.05	10.25	10.63	13.42	10.62	9.95	10.75	11.97	12.35	10.05	9.97	11.84	
30	10.07	10.00	10.48	12.61	10.55	9.95	10.71	11.64	12.30	10.05		11.90	
31		10.30		11.95	10.50		10.67		12.30	10.05		11.90	
Mean	10.67	10.31	11.06	11.38	10.67	10.61	11.80	12.46	12.41	10.26	9.87	10.47	
Max	11.78	11.40	12.96	13.79	11.53	11.22	14.12	14.15	14.40	10.75	10.00	11.90	14.40
Min	10.05	9.90	9.98	10.40	10.06	9.95	9.97	10.94	10.38	10.05	9.80	10.00	9.80
Annual Max Momentary Gage Height	14.50		m. (MSL.) ,				at 18.00 Hours ,						on Dec 16, 2007
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 9.39		m. (MSL.)				
Left Bank Elevation		17.27		m. (MSL.) ,									
Right Bank Elevation		17.41		m. (MSL.) ,			Drainage Are 969		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.20	4.00	4.70	6.40	16.30	8.20	1.85	11.50	10.00	8.50	2.00	3.20	
2	10.40	9.90	1.90	6.70	14.30	7.10	10.20	16.20	9.00	8.00	2.00	5.00	
3	13.10	15.00	2.85	6.00	12.80	6.50	25.30	20.20	8.00	7.50	1.75	4.00	
4	10.80	14.80	5.00	5.50	10.50	6.50	20.80	29.05	6.00	6.50	1.75	4.00	
5	18.80	13.50	11.50	5.10	10.00	6.50	18.40	26.20	5.00	6.00	1.75	3.50	
6	16.30	12.50	10.50	5.00	9.40	6.50	14.00	21.25	4.80	6.00	1.75	3.50	
7	14.90	2.00	13.90	5.20	8.00	6.00	8.50	29.80	8.80	5.50	1.50	3.00	
8	4.30	1.75	24.40	6.40	8.40	7.00	8.50	54.00	45.60	5.00	1.50	3.00	
9	3.00	2.00	20.50	7.70	5.60	7.00	5.00	61.75	49.00	4.50	1.50	2.75	
10	2.60	2.00	12.80	8.00	4.00	6.00	3.00	58.75	42.20	4.00	1.25	2.50	
11	5.90	1.75	24.40	8.90	3.00	6.00	7.20	56.60	31.30	3.50	1.25	2.50	
12	12.20	1.75	37.20	10.80	2.75	6.00	5.10	60.25	23.35	3.50	1.25	2.25	
13	16.20	1.50	31.60	10.30	2.50	5.50	29.80	61.50	19.90	3.00	1.00	2.25	
14	18.30	1.50	21.10	9.40	2.30	5.50	35.20	56.00	17.40	3.00	1.00	2.25	
15	16.00	1.75	12.80	8.00	5.50	7.10	48.60	49.20	45.60	3.00	1.00	2.00	
16	14.30	1.75	12.20	8.00	9.00	11.00	60.50	41.40	68.00	2.75	1.00	10.00	
17	11.00	2.00	15.20	7.50	9.20	10.60	61.00	36.60	67.00	2.75	1.25	10.00	
18	5.00	2.75	12.70	8.30	5.00	13.20	55.20	28.90	59.75	3.00	1.25	9.00	
19	3.00	3.00	10.60	13.00	4.40	13.20	53.80	23.20	59.50	2.75	1.25	9.00	
20	2.50	2.75	8.60	31.00	3.90	12.00	49.20	17.90	54.60	2.75	1.25	8.00	
21	3.00	3.50	8.40	22.75	6.50	9.00	37.20	16.00	45.80	2.75	1.00	5.00	
22	4.00	5.00	8.70	12.90	8.60	7.30	29.50	17.50	35.20	2.75	1.00	3.00	
23	3.00	5.00	7.80	19.15	8.20	5.60	25.30	18.60	25.60	2.75	1.00	2.00	
24	2.50	5.50	7.30	35.80	6.20	7.20	20.50	20.50	31.75	2.50	1.00	2.50	
25	2.75	4.00	7.00	30.40	6.70	8.00	16.10	17.60	28.45	2.50	1.00	2.50	
26	3.00	4.00	6.60	23.35	13.50	8.00	13.10	11.40	28.00	2.50	1.25	6.00	
27	3.50	2.75	6.10	37.60	13.60	8.00	11.30	10.40	28.00	2.50	1.10	2.20	
28	4.00	3.50	6.00	53.80	11.30	3.00	9.90	23.80	27.25	2.25	2.00	9.40	
29	2.25	3.50	7.30	46.40	7.20	1.75	8.50	21.55	27.25	2.25	1.85	19.60	
30	2.35	2.00	5.80	31.15	6.50	1.75	8.10	17.40	26.50	2.25		20.50	
31		4.00		21.25	6.00		7.70		26.50	2.25		20.50	
Total	235.15	140.70	365.45	511.75	241.15	217.00	708.35	935.00	965.10	118.75	39.45	184.90	4662.75 CMSDAY
Mean	7.84	4.54	12.18	16.51	7.78	7.23	22.85	31.17	31.13	3.83	1.36	5.96	12.74 CMS
Max	18.80	15.00	37.20	53.80	16.30	13.20	61.00	61.75	68.00	8.50	2.00	20.50	68.00 CMS
Min	2.25	1.50	1.90	5.00	2.30	1.75	1.85	10.40	4.80	2.25	1.00	2.00	1.00 CMS
Runoff	20.32	12.16	31.57	44.22	20.84	18.75	61.20	80.78	83.38	10.26	3.41	15.98	402.86 MCM
Momentary Peak	71.00	CMS.	at 14.50 m. (MSL.)	at 18.00 Hours	, on Dec 16, 2007								
Runoff Yield	13.18	Liters/Second/Square KM.		13.18	Momentary Peak Yield	73.27	Liters/Second/Square KM.						

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong Wa at Ban Khlong Wa , Songkhla (X.174)

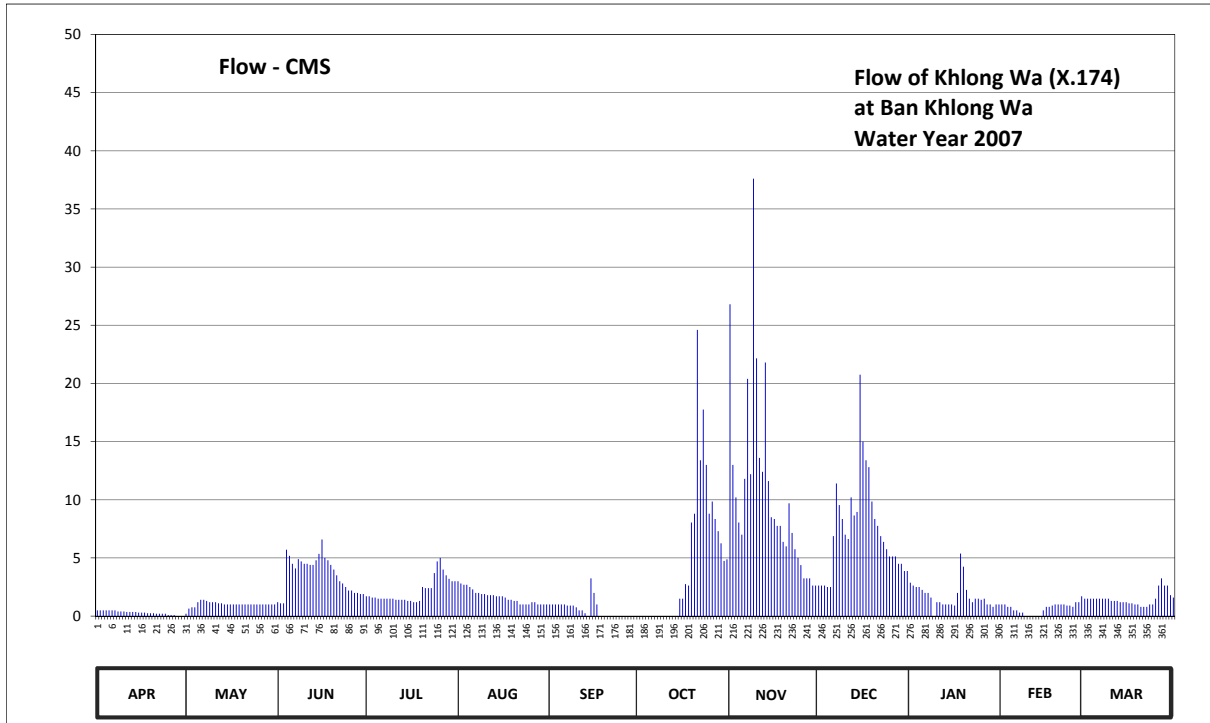
Lat 06 - 59 - 42 N Long 100 - 29 - 05 E

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	Rather unstable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records fair. Stage-discharge relation defined by 15 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.90	4.84	5.02	5.07	5.20	5.00	4.18	5.82	4.65	4.67	4.50	4.55	
2	4.90	4.93	5.01	5.07	5.18	5.00	4.20	5.35	4.65	4.65	4.50	4.55	
3	4.90	4.95	5.01	5.06	5.17	5.00	4.19	5.21	4.65	4.64	4.48	4.55	
4	4.90	4.95	5.44	5.06	5.17	5.00	4.19	5.07	4.64	4.64	4.48	4.55	
5	4.90	5.02	5.41	5.05	5.15	5.00	4.18	5.00	4.64	4.62	4.45	4.55	
6	4.90	5.04	5.35	5.05	5.13	5.00	4.18	5.29	4.99	4.60	4.45	4.55	
7	4.90	5.04	5.31	5.05	5.10	4.98	4.18	5.64	5.27	4.60	4.43	4.55	
8	4.88	5.03	5.39	5.05	5.10	4.98	4.18	5.31	5.17	4.56	4.43	4.55	
9	4.88	5.02	5.37	5.05	5.09	4.98	4.18	6.09	5.09	4.40	4.40	4.55	
10	4.88	5.02	5.35	5.05	5.09	4.95	4.18	5.69	5.00	4.52	4.40	4.53	
11	4.87	5.02	5.35	5.04	5.08	4.90	4.18	5.38	4.97	4.52	4.38	4.53	
12	4.87	5.01	5.34	5.04	5.08	4.90	4.18	5.32	5.21	4.50	4.38	4.53	
13	4.87	5.01	5.34	5.04	5.08	4.85	4.18	5.68	5.11	4.50	4.39	4.52	
14	4.87	5.00	5.38	5.04	5.07	4.80	4.20	5.28	5.13	4.50	4.40	4.52	
15	4.86	5.00	5.42	5.03	5.07	4.70	4.55	5.10	5.65	4.50	4.45	4.52	
16	4.86	5.00	5.49	5.03	5.07	4.60	4.55	5.09	5.44	4.49	4.48	4.51	
17	4.86	5.00	5.40	5.02	5.06	4.50	4.66	5.05	5.37	4.60	4.48	4.51	
18	4.85	5.00	5.38	5.02	5.04	4.40	4.65	5.05	5.34	4.87	4.49	4.50	
19	4.85	5.00	5.34	5.03	5.04	4.20	5.07	4.95	5.19	4.78	4.50	4.50	
20	4.85	5.00	5.30	5.15	5.03	4.20	5.12	4.92	5.09	4.62	4.50	4.48	
21	4.84	5.00	5.25	5.14	5.03	4.20	5.76	5.18	5.05	4.55	4.50	4.48	
22	4.84	5.00	5.20	5.14	5.00	4.18	5.37	5.01	4.99	4.52	4.50	4.48	
23	4.84	5.00	5.18	5.14	5.00	4.18	5.55	4.90	4.95	4.55	4.49	4.50	
24	4.84	5.00	5.15	5.27	5.00	4.18	5.35	4.84	4.90	4.55	4.49	4.50	
25	4.82	5.00	5.12	5.37	5.00	4.18	5.12	4.79	4.85	4.54	4.48	4.55	
26	4.82	5.00	5.12	5.40	5.02	4.18	5.19	4.70	4.85	4.55	4.52	4.65	
27	4.82	5.00	5.10	5.30	5.02	4.18	5.09	4.70	4.85	4.50	4.52	4.70	
28	4.80	5.00	5.10	5.25	5.00	4.18	5.02	4.70	4.80	4.50	4.57	4.65	
29	4.80	5.00	5.09	5.22	5.00	4.18	4.94	4.65	4.80	4.48	4.71	4.65	
30	4.80	5.00	5.09	5.20	5.00	4.18	4.82	4.65	4.75	4.50	4.48	4.58	
31		5.00		5.20	5.00		4.83		4.75	4.50		4.56	
Mean	4.86	5	5.26	5.12	5.07	4.59	4.65	5.15	4.99	4.57	4.47	4.55	
Max	4.90	5.04	5.49	5.40	5.20	5.00	5.76	6.09	5.65	4.87	4.71	4.70	6.09
Min	4.80	4.84	5.01	5.02	5.00	4.18	4.18	4.65	4.64	4.40	4.38	4.48	4.18
Annual Max Momentary Gage Height	6.25		m. (MSL.) ,				at 06.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 4.23		m. (MSL.)				
Left Bank Elevation		11.40		m. (MSL.) ,									
Right Bank Elevation		11.32		m. (MSL.) ,			Drainage Are 116		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.50	0.20	1.20	1.70	3.00	1.00	0.00	26.80	2.63	2.88	1.00	1.50	
2	0.50	0.65	1.10	1.70	2.80	1.00	0.00	13.00	2.63	2.63	1.00	1.50	
3	0.50	0.75	1.10	1.60	2.70	1.00	0.00	10.20	2.63	2.50	0.80	1.50	
4	0.50	0.75	5.70	1.60	2.70	1.00	0.00	8.05	2.50	2.50	0.80	1.50	
5	0.50	1.20	5.18	1.50	2.50	1.00	0.00	7.00	2.50	2.25	0.50	1.50	
6	0.50	1.40	4.50	1.50	2.30	1.00	0.00	11.80	6.88	2.00	0.50	1.50	
7	0.50	1.40	4.10	1.50	2.00	0.90	0.00	20.40	11.40	2.00	0.30	1.50	
8	0.40	1.30	4.90	1.50	2.00	0.90	0.00	12.20	9.55	1.60	0.30	1.50	
9	0.40	1.20	4.70	1.50	1.90	0.90	0.00	37.60	8.35	0.00	0.00	1.50	
10	0.40	1.20	4.50	1.50	1.90	0.75	0.00	22.15	7.00	1.20	0.00	1.30	
11	0.35	1.20	4.50	1.40	1.80	0.50	0.00	13.60	6.63	1.20	0.00	1.30	
12	0.35	1.10	4.40	1.40	1.80	0.50	0.00	12.40	10.20	1.00	0.00	1.30	
13	0.35	1.10	4.40	1.40	1.80	0.25	0.00	21.80	8.65	1.00	0.00	1.20	
14	0.35	1.00	4.80	1.40	1.70	0.00	0.00	11.60	8.95	1.00	0.00	1.20	
15	0.30	1.00	5.35	1.30	1.70	3.25	1.50	8.50	20.75	1.00	0.50	1.20	
16	0.30	1.00	6.58	1.30	1.70	2.00	1.50	8.35	15.00	0.90	0.80	1.10	
17	0.30	1.00	5.00	1.20	1.60	1.00	2.75	7.75	13.40	2.00	0.80	1.10	
18	0.25	1.00	4.80	1.20	1.40	0.00	2.63	7.75	12.80	5.38	0.90	1.00	
19	0.25	1.00	4.40	1.30	1.40	0.00	8.05	6.38	9.85	4.25	1.00	1.00	
20	0.25	1.00	4.00	2.50	1.30	0.00	8.80	6.00	8.35	2.25	1.00	0.80	
21	0.20	1.00	3.50	2.40	1.30	0.00	24.60	9.70	7.75	1.50	1.00	0.80	
22	0.20	1.00	3.00	2.40	1.00	0.00	13.40	7.15	6.88	1.20	1.00	0.80	
23	0.20	1.00	2.80	2.40	1.00	0.00	17.75	5.75	6.38	1.50	0.90	1.00	
24	0.20	1.00	2.50	3.70	1.00	0.00	13.00	5.00	5.75	1.50	0.90	1.00	
25	0.10	1.00	2.20	4.70	1.00	0.00	8.80	4.38	5.13	1.40	0.80	1.50	
26	0.10	1.00	2.20	5.00	1.20	0.00	9.85	3.25	5.13	1.50	1.20	2.63	
27	0.10	1.00	2.00	4.00	1.20	0.00	8.35	3.25	5.13	1.00	1.20	3.25	
28	0.00	1.00	2.00	3.50	1.00	0.00	7.30	3.25	4.50	1.00	1.70	2.63	
29	0.00	1.00	1.90	3.20	1.00	0.00	6.25	2.63	4.50	0.80	3.38	2.63	
30	0.00	1.00	1.90	3.00	1.00	0.00	4.75	2.63	3.88	1.00		1.80	
31		1.00		3.00	1.00		4.88		3.88	1.00		1.60	
Total	8.85	31.45	109.21	67.30	51.70	16.95	144.16	320.32	229.56	52.94	22.28	45.64	1100.36 CMSDAY
Mean	0.29	1.01	3.64	2.17	1.67	0.57	4.65	10.68	7.41	1.71	0.77	1.47	3.01 CMS
Max	0.50	1.40	6.58	5.00	3.00	3.25	24.60	37.60	20.75	5.38	3.38	3.25	37.60 CMS
Min	0.00	0.20	1.10	1.20	1.00	0.00	0.00	2.63	2.50	0.00	0.00	0.80	0.00 CMS
Runoff	0.76	2.72	9.44	5.81	4.47	1.46	12.46	27.68	19.83	4.57	1.92	3.94	95.07 MCM
Momentary Peak	44.25	CMS. at 6.25 m. (MSL.) at 06.00 Hours , on Nov 9, 2007											
Runoff Yield	25.99	Liters/Second/Square KM. Momentary Peak Yield 381.47 Liters/Second/Square KM.											

WATER YEAR : 2007

THALE SAP SONGKHLA

Upper Khlong Wat at Ban Hu Rae , Songkhla (X.240)

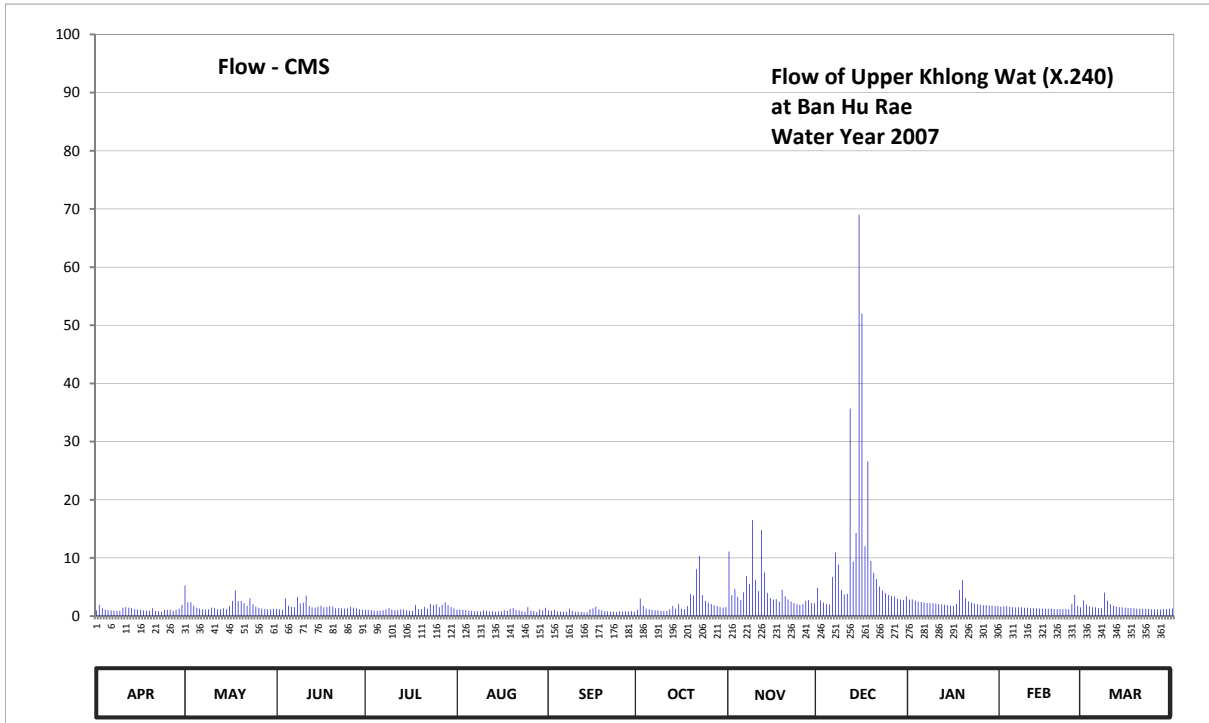
Lat 06 - 59 - 03 N Long 100 - 19 - 44 E

Location : on right bank at the bridge.

	Ban Hu Rae	Amphoe Hat Yai	Changwat Songkhla
Drainage Area	127 sq.km.		
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 top staff gage.	Elevation	+25.224 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	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 good. Stage-discharge relation defined by 21 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.87	18.85	17.93	17.90	17.90	17.87	17.89	19.94	18.77	18.33	18.03	18.30	
2	18.11	18.22	17.92	17.89	17.91	17.85	18.38	18.51	18.30	18.34	18.05	18.12	
3	17.96	18.22	17.90	17.88	17.90	17.89	18.07	18.73	18.21	18.29	18.05	18.05	
4	17.90	18.07	18.38	17.86	17.88	17.83	17.95	18.45	18.15	18.25	18.02	18.00	
5	17.88	17.99	18.07	17.86	17.86	17.82	17.91	18.31	18.12	18.23	18.01	18.00	
6	17.87	17.95	18.02	17.86	17.85	17.81	17.89	18.62	19.15	18.21	18.00	17.97	
7	17.86	17.92	18.01	17.87	17.84	17.81	17.87	19.18	19.91	18.19	18.00	17.97	
8	17.85	17.90	18.44	17.91	17.83	17.95	17.87	18.91	19.57	18.18	18.00	18.61	
9	17.85	17.92	18.17	17.96	17.82	17.85	17.85	20.65	18.71	18.18	17.99	18.29	
10	17.99	17.99	18.20	17.90	17.87	17.82	17.84	19.05	18.54	18.16	17.98	18.13	
11	18.01	17.98	18.49	17.88	17.86	17.81	17.85	18.66	18.56	18.14	17.97	18.07	
12	17.99	17.92	18.06	17.88	17.83	17.80	17.91	20.46	21.62	18.13	17.97	18.03	
13	17.97	17.91	18.00	17.91	17.83	17.79	18.06	19.30	19.66	18.11	17.96	18.01	
14	17.92	17.96	17.99	17.91	17.82	17.79	17.95	18.59	20.40	18.09	17.95	18.00	
15	17.91	17.92	18.02	17.88	17.83	17.91	18.14	18.40	22.38	18.08	17.95	17.99	
16	17.89	18.06	18.07	17.86	17.83	17.96	17.94	18.34	22.04	18.07	17.95	17.98	
17	17.87	18.28	18.00	17.85	17.88	18.03	17.92	18.35	20.08	18.15	17.94	17.97	
18	17.86	18.68	18.01	18.10	17.85	17.91	18.06	18.24	21.23	18.70	17.94	17.96	
19	17.86	18.27	18.06	17.93	17.94	17.87	18.55	18.70	19.68	19.04	17.93	17.95	
20	17.96	18.27	18.04	17.92	17.97	17.84	18.50	18.47	19.29	18.40	17.93	17.95	
21	17.85	18.18	17.97	18.02	17.88	17.83	19.41	18.34	19.07	18.26	17.93	17.94	
22	17.83	18.07	17.98	17.94	17.87	17.82	19.82	18.25	18.82	18.21	17.92	17.94	
23	17.81	18.39	17.96	18.15	17.84	17.81	18.52	18.19	18.68	18.16	17.93	17.93	
24	17.89	18.13	17.95	18.10	17.81	17.80	18.28	18.14	18.59	18.13	17.91	17.92	
25	17.90	18.03	17.96	18.13	18.01	17.83	18.21	18.11	18.52	18.11	18.15	17.92	
26	17.90	17.98	18.03	18.01	17.86	17.82	18.14	18.13	18.48	18.10	18.52	17.91	
27	17.85	17.95	17.99	18.11	17.84	17.83	18.09	18.28	18.46	18.10	18.07	17.91	
28	17.89	17.93	17.96	18.22	17.80	17.82	18.06	18.31	18.37	18.08	18.00	17.92	
29	17.94	17.92	17.92	18.09	17.91	17.84	18.01	18.18	18.34	18.07	18.37	17.93	
30	18.11	17.92	17.90	18.01	17.87	17.82	17.99	18.17	18.31	18.06		17.94	
31		17.94		17.96	17.98		18.01		18.47	18.05		17.95	
Mean	17.91	18.09	18.05	17.96	17.87	17.85	18.16	18.67	19.24	18.21	18.01	18.02	
Max	18.11	18.85	18.49	18.22	18.01	18.03	19.82	20.65	22.38	19.04	18.52	18.61	22.38
Min	17.81	17.90	17.90	17.85	17.80	17.79	17.84	18.11	18.12	18.05	17.91	17.91	17.79
Annual Max Momentary Gage Height	22.72		m. (MSL.) ,				at 06.00 Hours ,		on Dec 16 , 2007				
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed	16.99		m. (MSL.)			
Left Bank Elevation		25.09		m. (MSL.) ,									
Right Bank Elevation		25.06		m. (MSL.) ,			Drainage Are	127		Square Kilometers			



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.98	5.25	1.22	1.10	1.10	0.98	1.06	11.11	4.85	2.82	1.62	2.70	
2	1.94	2.38	1.18	1.06	1.14	0.90	3.02	3.60	2.70	2.86	1.70	1.98	
3	1.34	2.38	1.10	1.02	1.10	1.06	1.78	4.65	2.34	2.66	1.70	1.70	
4	1.10	1.78	3.02	0.94	1.02	0.82	1.30	3.33	2.10	2.50	1.58	1.50	
5	1.02	1.46	1.78	0.94	0.94	0.78	1.14	2.74	1.98	2.42	1.54	1.50	
6	0.98	1.30	1.58	0.94	0.90	0.74	1.06	4.10	6.75	2.34	1.50	1.38	
7	0.94	1.18	1.54	0.98	0.86	0.74	0.98	6.90	10.92	2.26	1.50	1.38	
8	0.90	1.10	3.28	1.14	0.82	1.30	0.98	5.55	8.85	2.22	1.50	4.05	
9	0.90	1.18	2.18	1.34	0.78	0.90	0.90	16.50	4.55	2.22	1.46	2.66	
10	1.46	1.46	2.30	1.10	0.98	0.78	0.86	6.25	3.73	2.14	1.42	2.02	
11	1.54	1.42	3.51	1.02	0.94	0.74	0.90	4.30	3.82	2.06	1.38	1.78	
12	1.46	1.18	1.74	1.02	0.82	0.70	1.14	14.81	35.70	2.02	1.38	1.62	
13	1.38	1.14	1.50	1.14	0.82	0.67	1.74	7.50	9.36	1.94	1.34	1.54	
14	1.18	1.34	1.46	1.14	0.78	0.67	1.30	3.96	14.30	1.86	1.30	1.50	
15	1.14	1.18	1.58	1.02	0.82	1.14	2.06	3.10	69.00	1.82	1.30	1.46	
16	1.06	1.74	1.78	0.94	0.82	1.34	1.26	2.86	52.00	1.78	1.30	1.42	
17	0.98	2.62	1.50	0.90	1.02	1.62	1.18	2.90	12.02	2.10	1.26	1.38	
18	0.94	4.40	1.54	1.90	0.90	1.14	1.74	2.46	26.60	4.50	1.26	1.34	
19	0.94	2.58	1.74	1.22	1.26	0.98	3.78	4.50	9.48	6.20	1.22	1.30	
20	1.34	2.58	1.66	1.18	1.38	0.86	3.55	3.42	7.45	3.10	1.22	1.30	
21	0.90	2.22	1.38	1.58	1.02	0.82	8.05	2.86	6.35	2.54	1.22	1.26	
22	0.82	1.78	1.42	1.26	0.98	0.78	10.33	2.50	5.10	2.34	1.18	1.26	
23	0.74	3.06	1.34	2.10	0.86	0.74	3.64	2.26	4.40	2.14	1.22	1.22	
24	1.06	2.02	1.30	1.90	0.74	0.70	2.62	2.06	3.96	2.02	1.14	1.18	
25	1.10	1.62	1.34	2.02	1.54	0.82	2.34	1.94	3.64	1.94	2.10	1.18	
26	1.10	1.42	1.62	1.54	0.94	0.78	2.06	2.02	3.46	1.90	3.64	1.14	
27	0.90	1.30	1.46	1.94	0.86	0.82	1.86	2.62	3.37	1.90	1.78	1.14	
28	1.06	1.22	1.34	2.38	0.70	0.78	1.74	2.74	2.98	1.82	1.50	1.18	
29	1.26	1.18	1.18	1.86	1.14	0.86	1.54	2.22	2.86	1.78	2.98	1.22	
30	1.94	1.18	1.10	1.54	0.98	0.78	1.46	2.18	2.74	1.74		1.26	
31		1.26		1.34	1.42		1.54		3.42	1.70		1.30	
Total	34.40	57.91	50.67	41.50	30.38	26.74	68.91	137.94	330.78	73.64	45.24	48.85	946.96 CMSDAY
Mean	1.15	1.87	1.69	1.34	0.98	0.89	2.22	4.60	10.67	2.38	1.56	1.58	2.59 CMS
Max	1.94	5.25	3.51	2.38	1.54	1.62	10.33	16.50	69.00	6.20	3.64	4.05	69.00 CMS
Min	0.74	1.10	1.10	0.90	0.70	0.67	0.86	1.94	1.98	1.70	1.14	1.14	0.67 CMS
Runoff	2.97	5.00	4.38	3.59	2.62	2.31	5.95	11.92	28.58	6.36	3.91	4.22	81.82 MCM
Momentary Peak	89.20	CMS. at 22.72 m. (MSL.) at 06.00 Hours , on Dec 16 , 2007											
Runoff Yield	20.36	Liters/Second/Square KM. Momentary Peak Yield 700.05 Liters/Second/Square KM.											

WATER YEAR : 2007**THALE SAP SONGKHLA****Khlong Nui at Wat Phupha Phimuk, Phatthalung (X.265)**

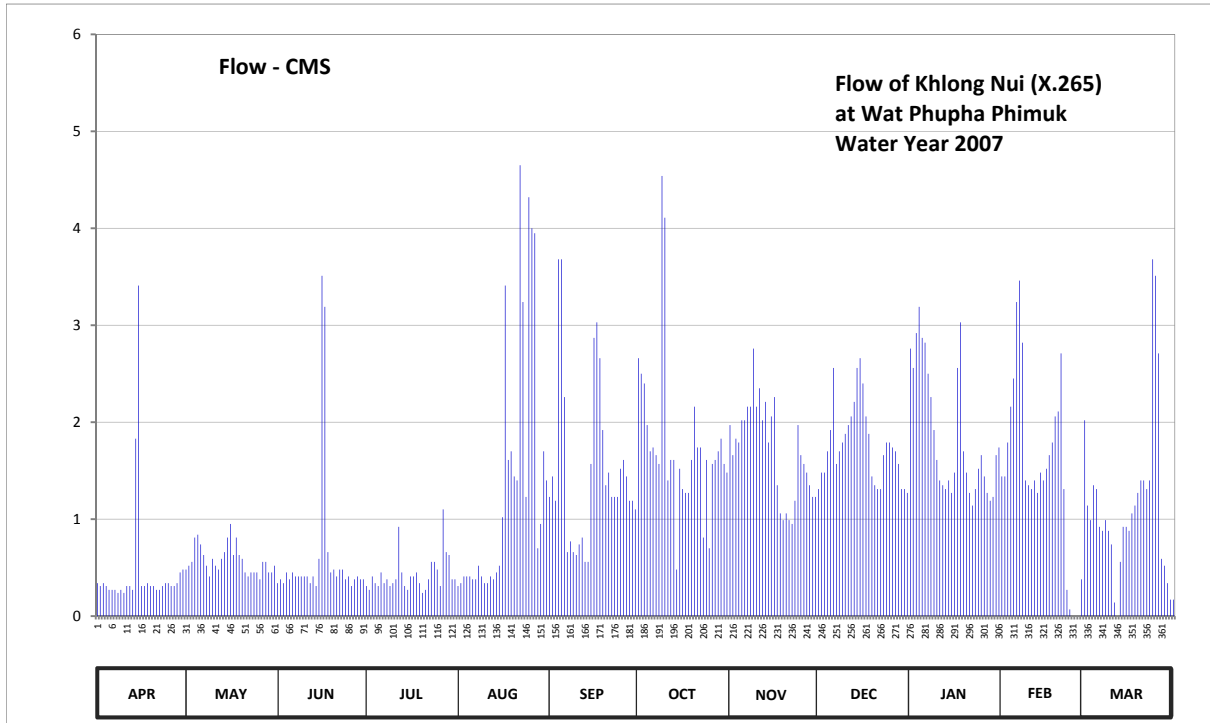
Lat 07 - 37 - 01 N Long 100 - 04 - 45 E

Location : on left bank in front of Wat Phupha Phimuk

	Ban Wat Phipha Phimuk	Amphoe Mueang	Changwat Phatthalung
Drainage Area	339 sq.km.		
Type of Gage	Staff gage.		
Zero Gage at Bottom	+6.300 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the top staff gage. Near the gage site.	Elevation	+9.298 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	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records poor. Stage-discharge relation defined by 14 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.70	6.74	6.70	6.69	6.69	6.94	7.25	7.11	6.96	7.27	6.99	7.12	
2	6.69	6.75	6.71	6.68	6.70	6.99	7.22	7.04	7.00	7.23	6.99	6.92	
3	6.70	6.76	6.70	6.72	6.72	6.93	7.20	7.08	7.00	7.30	7.07	6.88	
4	6.69	6.83	6.73	6.70	6.72	7.44	7.11	7.07	7.05	7.35	7.15	6.97	
5	6.68	6.84	6.71	6.69	6.72	7.44	7.05	7.12	7.10	7.29	7.21	6.96	
6	6.68	6.81	6.73	6.73	6.71	7.17	7.06	7.12	7.23	7.28	7.36	6.86	
7	6.68	6.78	6.72	6.70	6.71	6.79	7.04	7.15	7.02	7.22	7.40	6.85	
8	6.67	6.75	6.72	6.71	6.75	6.82	7.02	7.15	7.05	7.17	7.28	6.88	
9	6.68	6.72	6.72	6.69	6.72	6.79	7.60	7.27	7.07	7.10	6.98	6.85	
10	6.67	6.77	6.72	6.70	6.70	6.78	7.52	7.15	7.09	7.03	6.97	6.81	
11	6.69	6.75	6.72	6.71	6.70	6.81	6.98	7.19	7.11	6.98	6.96	6.64	
12	6.69	6.74	6.70	6.86	6.72	6.83	7.03	7.12	7.13	6.97	6.98	6.60	
13	6.68	6.77	6.72	6.73	6.71	6.76	7.03	7.16	7.16	6.96	6.95	6.76	
14	7.08	6.79	6.69	6.69	6.73	6.76	6.74	7.07	7.23	6.98	7.00	6.86	
15	7.39	6.83	6.77	6.68	6.75	7.02	7.01	7.13	7.25	6.95	6.98	6.86	
16	6.69	6.87	7.41	6.72	6.89	7.29	6.96	7.17	7.20	7.00	7.01	6.85	
17	6.69	6.78	7.35	6.72	7.39	7.32	6.95	6.97	7.13	7.23	7.04	6.90	
18	6.70	6.83	6.79	6.73	7.03	7.25	6.95	6.90	7.09	7.32	7.07	6.92	
19	6.69	6.78	6.73	6.70	7.05	7.10	7.03	6.88	6.99	7.05	7.13	6.95	
20	6.69	6.77	6.74	6.67	6.99	6.97	7.15	6.90	6.97	7.00	7.14	6.98	
21	6.68	6.73	6.72	6.68	6.98	7.00	7.06	6.88	6.96	6.95	7.26	6.98	
22	6.68	6.72	6.74	6.71	7.62	6.94	7.06	6.87	6.96	6.92	6.96	6.96	
23	6.69	6.73	6.74	6.76	7.36	6.94	6.83	6.93	7.04	6.96	6.68	6.98	
24	6.70	6.73	6.71	6.76	6.94	6.94	7.03	7.11	7.07	7.01	6.62	7.44	
25	6.70	6.73	6.72	6.74	7.56	7.01	6.80	7.04	7.07	7.04	6.60	7.41	
26	6.69	6.71	6.69	6.69	7.50	7.03	7.02	7.02	7.06	6.99	6.58	7.26	
27	6.69	6.76	6.71	6.91	7.49	6.99	7.03	7.00	7.05	6.95	6.57	6.77	
28	6.70	6.76	6.72	6.79	6.80	6.93	7.05	6.97	7.02	6.93	6.71	6.75	
29	6.73	6.73	6.71	6.78	6.87	6.93	7.08	6.94	6.96	6.94	6.70	6.70	
30	6.74	6.73	6.71	6.71	7.05	6.91	7.02	6.94	6.96	7.04		6.65	
31		6.75		6.71	6.98		7.00		6.95	7.06		6.65	
Mean	6.73	6.77	6.77	6.72	6.94	6.99	7.06	7.05	7.06	7.08	6.98	6.90	
Max	7.39	6.87	7.41	6.91	7.62	7.44	7.60	7.27	7.25	7.35	7.40	7.44	7.62
Min	6.67	6.71	6.69	6.67	6.69	6.76	6.74	6.87	6.95	6.92	6.57	6.60	6.57
Annual Max Momentary Gage Height	7.68		m. (MSL.) ,				at 09.00 Hours ,						on Aug 17 , 2007
Zero Gage at Bottom Elevation	6.30		m. (MSL.) ,			River Bed	6.06		m. (MSL.)				
Left Bank Elevation		8.70		m. (MSL.) ,									
Right Bank Elevation		8.69		m. (MSL.) ,		Drainage Are	339		Square Kilometers				



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.34	0.48	0.34	0.31	0.31	1.23	2.66	1.97	1.31	2.76	1.44	2.02	
2	0.31	0.52	0.38	0.27	0.34	1.44	2.50	1.66	1.48	2.56	1.44	1.14	
3	0.34	0.56	0.34	0.41	0.41	1.19	2.40	1.83	1.48	2.92	1.79	0.99	
4	0.31	0.81	0.45	0.34	0.41	3.68	1.97	1.79	1.70	3.19	2.16	1.35	
5	0.27	0.84	0.38	0.31	0.41	3.68	1.70	2.02	1.92	2.87	2.45	1.31	
6	0.27	0.74	0.45	0.45	0.38	2.26	1.74	2.02	2.56	2.82	3.24	0.92	
7	0.27	0.63	0.41	0.34	0.38	0.66	1.66	2.16	1.57	2.50	3.46	0.88	
8	0.24	0.52	0.41	0.38	0.52	0.77	1.57	2.16	1.70	2.26	2.82	0.99	
9	0.27	0.41	0.41	0.31	0.41	0.66	4.54	2.76	1.79	1.92	1.40	0.88	
10	0.24	0.59	0.41	0.34	0.34	0.63	4.11	2.16	1.88	1.61	1.35	0.74	
11	0.31	0.52	0.41	0.38	0.34	0.74	1.40	2.35	1.97	1.40	1.31	0.14	
12	0.31	0.48	0.34	0.92	0.41	0.81	1.61	2.02	2.06	1.35	1.40	0.00	
13	0.27	0.59	0.41	0.45	0.38	0.56	1.61	2.21	2.21	1.31	1.27	0.56	
14	1.83	0.66	0.31	0.31	0.45	0.56	0.48	1.79	2.56	1.40	1.48	0.92	
15	3.41	0.81	0.59	0.27	0.52	1.57	1.52	2.06	2.66	1.27	1.40	0.92	
16	0.31	0.95	3.51	0.41	1.02	2.87	1.31	2.26	2.40	1.48	1.52	0.88	
17	0.31	0.63	3.19	0.41	3.41	3.03	1.27	1.35	2.06	2.56	1.66	1.06	
18	0.34	0.81	0.66	0.45	1.61	2.66	1.27	1.06	1.88	3.03	1.79	1.14	
19	0.31	0.63	0.45	0.34	1.70	1.92	1.61	0.99	1.44	1.70	2.06	1.27	
20	0.31	0.59	0.48	0.24	1.44	1.35	2.16	1.06	1.35	1.48	2.11	1.40	
21	0.27	0.45	0.41	0.27	1.40	1.48	1.74	0.99	1.31	1.27	2.71	1.40	
22	0.27	0.41	0.48	0.38	4.65	1.23	1.74	0.95	1.31	1.14	1.31	1.31	
23	0.31	0.45	0.48	0.56	3.24	1.23	0.81	1.19	1.66	1.31	0.27	1.40	
24	0.34	0.45	0.38	0.56	1.23	1.23	1.61	1.97	1.79	1.52	0.07	3.68	
25	0.34	0.45	0.41	0.48	4.32	1.52	0.70	1.66	1.79	1.66	0.00	3.51	
26	0.31	0.38	0.31	0.31	4.00	1.61	1.57	1.57	1.74	1.44	0.00	2.71	
27	0.31	0.56	0.38	1.10	3.95	1.44	1.61	1.48	1.70	1.27	0.00	0.59	
28	0.34	0.56	0.41	0.66	0.70	1.19	1.70	1.35	1.57	1.19	0.38	0.52	
29	0.45	0.45	0.38	0.63	0.95	1.19	1.83	1.23	1.31	1.23	0.34	0.34	
30	0.48	0.45	0.38	0.38	1.70	1.10	1.57	1.23	1.31	1.66		0.17	
31		0.52		0.38	1.40		1.48		1.27	1.74		0.17	
Total	13.99	17.90	18.35	13.35	42.73	45.49	55.45	51.30	54.74	57.82	42.63	35.31	449.06 CMSDAY
Mean	0.47	0.58	0.61	0.43	1.38	1.52	1.79	1.71	1.77	1.87	1.47	1.14	1.23 CMS
Max	3.41	0.95	3.51	1.10	4.65	3.68	4.54	2.76	2.66	3.19	3.46	3.68	4.65 CMS
Min	0.24	0.38	0.31	0.24	0.31	0.56	0.48	0.95	1.27	1.14	0.00	0.00	0.00 CMS
Runoff	1.21	1.55	1.59	1.15	3.69	3.93	4.79	4.43	4.73	5.00	3.68	3.05	38.80 MCM
Momentary Peak	4.99	CMS. at 7.68 m. (MSL.) at 09.00 Hours , on Aug 17 , 2007											
Runoff Yield	3.63	Liters/Second/Square KM. Momentary Peak Yield 14.72 Liters/Second/Square KM.											

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong Pa Bon at Ban Lo Han , Phatthalung (X.266)

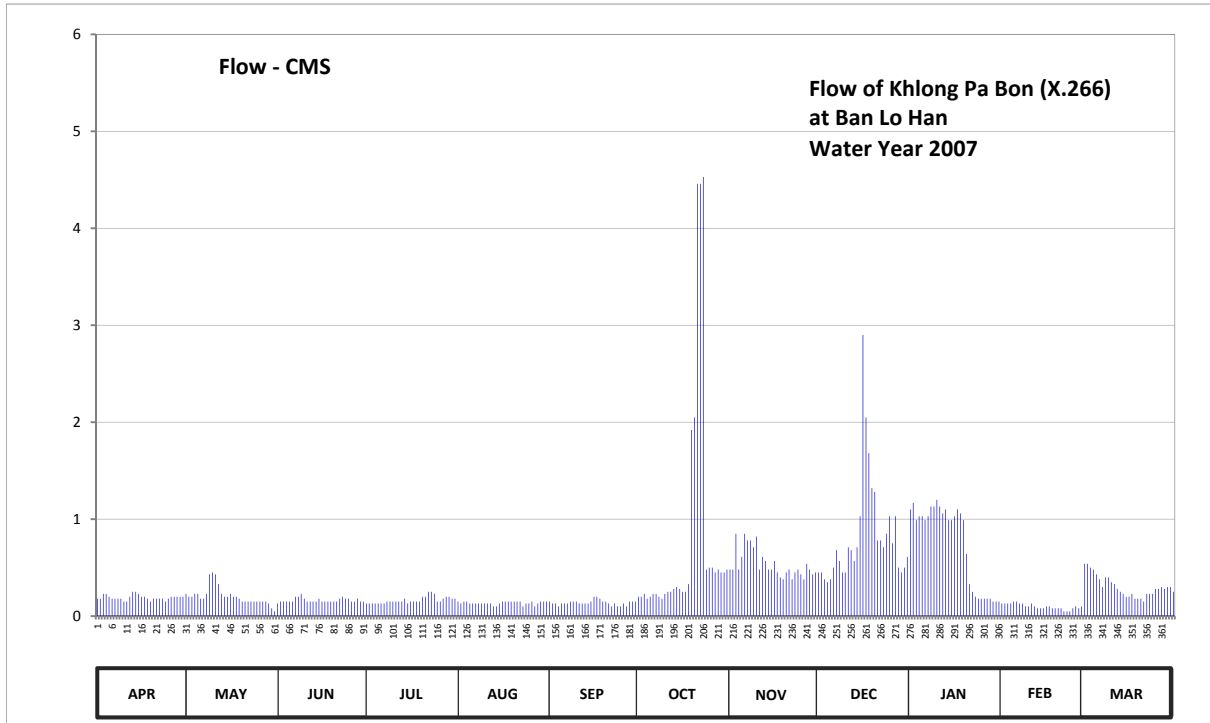
Lat 07 - 01 - 35 N Long 100 - 05 - 51 E

Location : on left bank at Ban Lo Han.

	Ban Lo Han	Amphoe Pa Bon	Changwat Phatthalung
Drainage Area	38	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 top staff gage.	Elevation	+7.390 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	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 to date		
Stability of Channel Regimes	Stable.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records poor. Stage-discharge relation defined by 8 discharge measurements made in 2007.		

Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

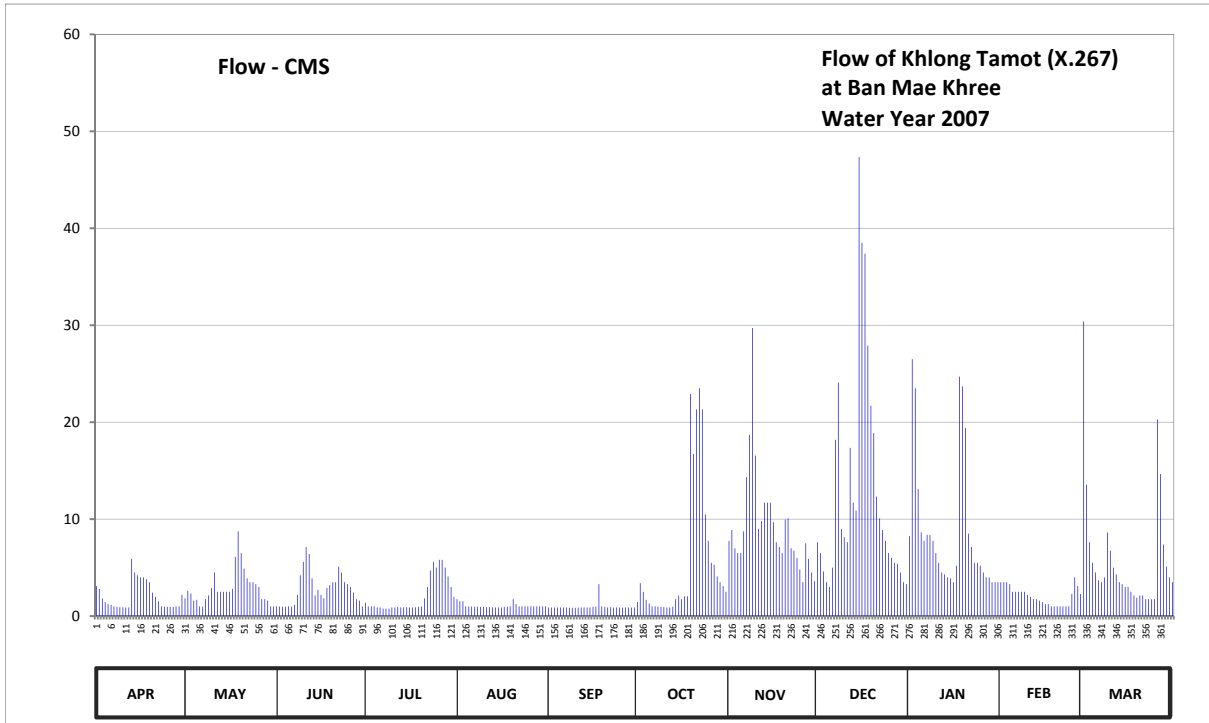
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.27	0.29	0.25	0.25	0.26	0.26	0.28	0.39	0.38	0.57	0.25	0.41	
2	0.27	0.28	0.26	0.25	0.25	0.25	0.28	0.39	0.38	0.59	0.25	0.41	
3	0.29	0.28	0.26	0.25	0.26	0.25	0.29	0.50	0.35	0.54	0.25	0.40	
4	0.29	0.29	0.26	0.25	0.26	0.24	0.27	0.39	0.34	0.55	0.25	0.39	
5	0.28	0.29	0.26	0.25	0.25	0.25	0.28	0.43	0.35	0.55	0.26	0.37	
6	0.27	0.27	0.26	0.25	0.25	0.25	0.29	0.50	0.40	0.54	0.26	0.35	
7	0.27	0.27	0.28	0.25	0.25	0.25	0.29	0.48	0.45	0.55	0.25	0.32	
8	0.27	0.29	0.28	0.26	0.25	0.26	0.28	0.48	0.42	0.58	0.25	0.36	
9	0.27	0.37	0.29	0.26	0.25	0.26	0.27	0.46	0.38	0.58	0.24	0.36	
10	0.26	0.38	0.27	0.26	0.25	0.26	0.29	0.49	0.38	0.60	0.24	0.34	
11	0.26	0.37	0.26	0.26	0.25	0.25	0.30	0.39	0.46	0.58	0.25	0.33	
12	0.28	0.33	0.26	0.26	0.25	0.25	0.30	0.43	0.45	0.56	0.24	0.31	
13	0.30	0.29	0.26	0.26	0.24	0.25	0.31	0.42	0.42	0.57	0.23	0.30	
14	0.30	0.28	0.26	0.27	0.24	0.25	0.32	0.39	0.46	0.54	0.23	0.29	
15	0.29	0.28	0.27	0.25	0.25	0.26	0.31	0.39	0.55	0.54	0.23	0.28	
16	0.28	0.29	0.26	0.26	0.26	0.28	0.30	0.42	0.98	0.55	0.24	0.28	
17	0.28	0.28	0.26	0.26	0.26	0.28	0.30	0.38	0.81	0.57	0.24	0.29	
18	0.27	0.28	0.26	0.26	0.26	0.27	0.33	0.36	0.72	0.56	0.23	0.27	
19	0.26	0.27	0.26	0.26	0.26	0.26	0.78	0.35	0.63	0.54	0.23	0.27	
20	0.27	0.26	0.26	0.28	0.26	0.26	0.81	0.38	0.62	0.44	0.23	0.27	
21	0.27	0.26	0.26	0.28	0.26	0.25	1.24	0.39	0.48	0.33	0.23	0.26	
22	0.27	0.26	0.27	0.30	0.26	0.24	1.24	0.35	0.48	0.30	0.22	0.29	
23	0.27	0.26	0.28	0.30	0.24	0.25	1.25	0.38	0.46	0.28	0.22	0.29	
24	0.26	0.26	0.27	0.29	0.25	0.24	0.39	0.39	0.50	0.27	0.22	0.29	
25	0.27	0.26	0.27	0.26	0.25	0.24	0.40	0.37	0.55	0.27	0.23	0.31	
26	0.28	0.26	0.26	0.26	0.26	0.25	0.40	0.35	0.47	0.27	0.24	0.31	
27	0.28	0.26	0.26	0.27	0.24	0.24	0.38	0.41	0.55	0.27	0.23	0.32	
28	0.28	0.26	0.27	0.28	0.25	0.26	0.39	0.39	0.40	0.27	0.24	0.31	
29	0.28	0.25	0.26	0.28	0.26	0.26	0.38	0.37	0.38	0.26	0.24	0.32	
30	0.28	0.23	0.26	0.27	0.26	0.26	0.38	0.38	0.40	0.26	0.26	0.32	
31		0.22		0.27	0.26		0.39		0.43	0.26		0.30	
Mean	0.28	0.28	0.26	0.26	0.25	0.25	0.44	0.41	0.48	0.46	0.24	0.32	
Max	0.30	0.38	0.29	0.30	0.26	0.28	1.25	0.50	0.98	0.60	0.26	0.41	1.25
Min	0.26	0.22	0.25	0.25	0.24	0.24	0.27	0.35	0.34	0.26	0.22	0.26	0.22
Annual Max Momentary Gage Height	1.26		m. (A.D.) ,				at 15.00 Hours , on Oct 21 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,			River Bed	0.16	m. (A.D.)					
Left Bank Elevation		7.11	m. (A.D.) ,										
Right Bank Elevation		7.01	m. (A.D.) ,		Drainage Are	38	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.18	0.23	0.13	0.13	0.15	0.15	0.20	0.48	0.45	1.10	0.13	0.54	
2	0.18	0.20	0.15	0.13	0.13	0.13	0.20	0.48	0.45	1.17	0.13	0.54	
3	0.23	0.20	0.15	0.13	0.15	0.13	0.23	0.85	0.38	0.99	0.13	0.50	
4	0.23	0.23	0.15	0.13	0.15	0.10	0.18	0.48	0.35	1.03	0.13	0.48	
5	0.20	0.23	0.15	0.13	0.13	0.13	0.20	0.61	0.38	1.03	0.15	0.43	
6	0.18	0.18	0.15	0.13	0.13	0.13	0.23	0.85	0.50	0.99	0.15	0.38	
7	0.18	0.18	0.20	0.13	0.13	0.13	0.23	0.78	0.68	1.03	0.13	0.30	
8	0.18	0.23	0.20	0.15	0.13	0.15	0.20	0.78	0.57	1.13	0.13	0.40	
9	0.18	0.43	0.23	0.15	0.13	0.15	0.18	0.71	0.45	1.13	0.10	0.40	
10	0.15	0.45	0.18	0.15	0.13	0.15	0.23	0.82	0.45	1.20	0.10	0.35	
11	0.15	0.43	0.15	0.15	0.13	0.13	0.25	0.48	0.71	1.13	0.13	0.33	
12	0.20	0.33	0.15	0.15	0.13	0.13	0.25	0.61	0.68	1.06	0.10	0.28	
13	0.25	0.23	0.15	0.15	0.10	0.13	0.28	0.57	0.57	1.10	0.08	0.25	
14	0.25	0.20	0.15	0.18	0.10	0.13	0.30	0.48	0.71	0.99	0.08	0.23	
15	0.23	0.20	0.18	0.13	0.13	0.15	0.28	0.48	1.03	0.99	0.08	0.20	
16	0.20	0.23	0.15	0.15	0.15	0.20	0.25	0.57	2.90	1.03	0.10	0.20	
17	0.20	0.20	0.15	0.15	0.15	0.20	0.25	0.45	2.05	1.10	0.10	0.23	
18	0.18	0.20	0.15	0.15	0.15	0.18	0.33	0.40	1.68	1.06	0.08	0.18	
19	0.15	0.18	0.15	0.15	0.15	0.15	1.92	0.38	1.32	0.99	0.08	0.18	
20	0.18	0.15	0.15	0.20	0.15	0.15	2.05	0.45	1.28	0.64	0.08	0.18	
21	0.18	0.15	0.15	0.20	0.15	0.13	4.46	0.48	0.78	0.33	0.08	0.15	
22	0.18	0.15	0.18	0.25	0.15	0.10	4.46	0.38	0.78	0.25	0.05	0.23	
23	0.18	0.15	0.20	0.25	0.10	0.13	4.53	0.45	0.71	0.20	0.05	0.23	
24	0.15	0.15	0.18	0.23	0.13	0.10	0.48	0.48	0.85	0.18	0.05	0.23	
25	0.18	0.15	0.18	0.15	0.13	0.10	0.50	0.43	1.03	0.18	0.08	0.28	
26	0.20	0.15	0.15	0.15	0.15	0.13	0.50	0.38	0.75	0.18	0.10	0.28	
27	0.20	0.15	0.15	0.18	0.10	0.10	0.45	0.54	1.03	0.18	0.08	0.30	
28	0.20	0.15	0.18	0.20	0.13	0.15	0.48	0.48	0.50	0.18	0.10	0.28	
29	0.20	0.13	0.15	0.20	0.15	0.15	0.45	0.43	0.45	0.15	0.10	0.30	
30	0.20	0.08	0.15	0.18	0.15	0.15	0.45	0.45	0.50	0.15		0.30	
31		0.05		0.18	0.15		0.48		0.61	0.15		0.25	
Total	5.75	6.37	4.89	5.09	4.19	4.14	25.48	16.21	25.58	23.02	2.88	9.41	133.01 CMSDAY
Mean	0.19	0.21	0.16	0.16	0.14	0.14	0.82	0.54	0.83	0.74	0.10	0.30	0.36 CMS
Max	0.25	0.45	0.23	0.25	0.15	0.20	4.53	0.85	2.90	1.20	0.15	0.54	4.53 CMS
Min	0.15	0.05	0.13	0.13	0.10	0.10	0.18	0.38	0.35	0.15	0.05	0.15	0.05 CMS
Runoff	0.50	0.55	0.42	0.44	0.36	0.36	2.20	1.40	2.21	1.99	0.25	0.81	11.49 MCM
Momentary Peak	4.59 CMS. at 1.26 m. (A.D.) at 15.00 Hours , on Oct 21, 2007												
Runoff Yield	9.59 Liters/Second/Square KM. Momentary Peak Yield 120.79 Liters/Second/Square KM.												



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.10	1.83	1.00	1.38	1.75	0.89	1.45	7.75	7.63	8.25	3.50	30.40	
2	2.80	2.60	0.99	1.00	1.53	0.89	3.40	8.88	6.50	26.50	3.50	13.56	
3	1.83	2.35	0.98	1.00	1.53	0.89	2.50	7.00	4.60	23.50	3.50	7.63	
4	1.45	1.60	0.98	1.00	1.00	0.89	1.68	6.50	3.50	13.10	3.30	5.50	
5	1.23	1.68	1.00	0.89	1.00	0.89	1.30	6.50	3.00	8.63	2.50	4.50	
6	1.15	1.00	0.98	0.89	0.99	0.89	1.00	8.75	5.00	7.75	2.50	3.70	
7	1.00	0.98	1.15	0.78	0.98	0.89	1.00	14.34	18.18	8.38	2.50	3.50	
8	0.95	1.75	2.20	0.78	0.97	0.85	0.98	18.70	24.10	8.38	2.50	4.00	
9	0.92	2.13	4.20	0.78	0.95	0.86	0.95	29.73	9.00	7.75	2.50	8.63	
10	0.90	2.90	5.60	0.89	0.95	0.86	0.92	16.56	8.13	6.50	2.20	6.75	
11	0.89	4.50	7.13	0.89	0.92	0.88	0.89	9.00	7.63	5.50	1.98	5.00	
12	0.89	2.50	6.40	0.95	0.92	0.89	0.89	9.81	17.36	4.50	1.75	4.30	
13	5.90	2.50	3.90	0.91	0.91	0.89	0.98	11.70	11.70	4.30	1.75	3.50	
14	4.50	2.50	2.13	0.91	0.89	0.89	1.75	11.70	10.89	4.00	1.60	3.30	
15	4.20	2.50	2.70	0.90	0.89	0.89	2.13	11.70	47.35	3.90	1.45	3.00	
16	4.00	2.50	2.20	0.89	0.89	0.95	1.75	9.68	38.50	3.50	1.23	3.00	
17	4.00	2.80	1.83	0.89	0.96	0.98	2.05	7.63	37.38	5.20	1.23	2.50	
18	3.80	6.10	2.90	0.91	0.98	3.30	2.05	7.13	27.90	24.70	1.00	2.13	
19	3.50	8.75	3.20	0.96	1.00	1.00	22.90	6.50	21.70	23.70	1.00	1.90	
20	2.43	6.50	3.50	1.00	1.75	0.95	16.72	9.95	18.88	19.40	1.00	2.13	
21	1.98	4.90	3.50	1.83	1.23	0.89	21.33	10.08	12.32	8.50	1.00	2.13	
22	1.53	3.90	5.10	3.00	1.00	0.92	23.50	7.00	10.08	7.13	1.00	1.75	
23	1.00	3.50	4.50	4.70	1.00	0.88	21.33	6.75	8.88	5.50	1.00	1.75	
24	0.97	3.50	3.50	5.60	1.00	0.89	10.49	6.00	7.75	5.50	1.00	1.75	
25	0.95	3.30	3.30	5.00	1.00	0.89	7.75	4.80	6.50	5.20	2.28	1.75	
26	0.95	3.00	3.00	5.80	1.00	0.87	5.50	3.50	6.00	4.50	4.00	20.28	
27	0.94	1.75	2.43	5.80	1.00	0.89	5.30	7.50	5.50	4.00	3.10	14.65	
28	1.00	1.75	1.75	5.00	1.00	0.89	4.10	5.90	5.40	4.00	2.28	7.38	
29	1.00	1.60	1.60	4.10	1.00	0.89	3.50	4.50	4.50	3.50	29.95	5.10	
30	2.20	1.00	1.00	3.00	1.00	0.89	3.10	3.60	3.50	3.50		4.00	
31		1.00		1.98	1.00		2.50		3.30	3.50		3.50	
Total	61.96	89.17	84.65	64.41	32.99	29.32	175.69	279.14	402.66	272.27	88.10	182.97	1763.33 CMSDAY
Mean	2.07	2.88	2.82	2.08	1.06	0.98	5.67	9.30	12.99	8.78	3.04	5.90	4.82 CMS
Max	5.90	8.75	7.13	5.80	1.75	3.30	23.50	29.73	47.35	26.50	29.95	30.40	47.35 CMS
Min	0.89	0.98	0.98	0.78	0.89	0.85	0.89	3.50	3.00	3.50	1.00	1.75	0.78 CMS
Runoff	5.35	7.70	7.31	5.57	2.85	2.53	15.18	24.12	34.79	23.52	7.61	15.81	152.35 MCM
Momentary Peak	49.00	CMS.	at 3.80 m. (A.D.)	at 12.00 Hours ,	on Dec 15 , 2007								
Runoff Yield	16.38	Liters/Second/Square KM.		Momentary Peak Yield	166.10	Liters/Second/Square KM.							

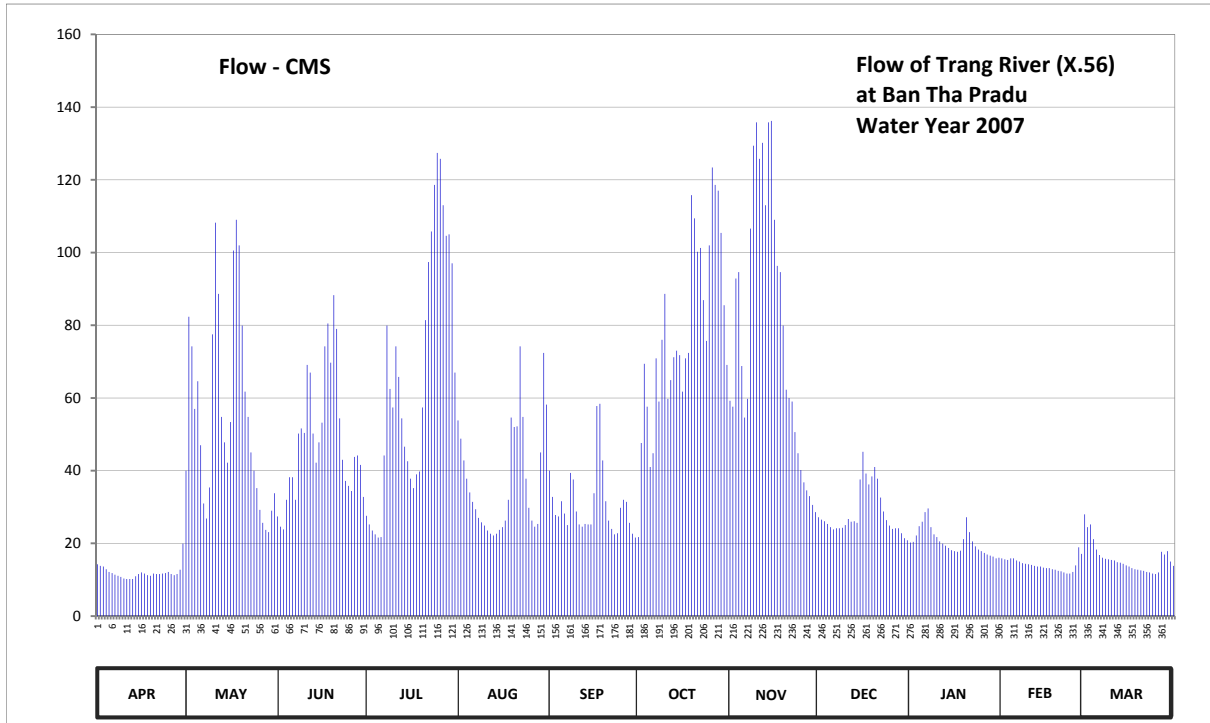
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Trang River at Ban Tha Pradu , Trang (X.56)
 Lat 07 - 46 - 01 N Long 99 - 32 - 25 E

Location : on left bank at Ban Tha Pradu.

	Ban	Tha Pradu	Amphoe	Huai Yot	Changwat	Trang
Drainage Area	1,801	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 top staff gage.				Elevation	+19.353 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic means 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 24 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.15	8.65	8.02	8.03	9.34	8.65	7.65	9.61	8.01	7.55	7.26	8.05	
2	7.12	10.41	7.84	7.88	9.09	8.29	9.03	9.53	7.97	7.56	7.24	7.83	
3	7.11	10.14	7.79	7.77	8.79	8.04	9.98	10.71	7.94	7.68	7.23	7.88	
4	7.06	9.50	8.25	7.70	8.54	8.02	9.53	10.76	7.89	7.85	7.26	7.61	
5	7.01	9.82	8.56	7.64	8.35	8.23	8.70	9.96	7.83	7.93	7.26	7.42	
6	6.99	9.00	8.56	7.65	8.22	8.06	8.89	9.38	7.79	8.08	7.22	7.32	
7	6.96	8.20	8.25	8.86	8.12	7.87	10.03	9.63	7.81	8.13	7.20	7.27	
8	6.94	7.99	9.16	10.33	8.00	8.62	9.60	11.09	7.81	7.83	7.17	7.25	
9	6.92	8.42	9.23	9.74	7.92	8.53	10.20	11.66	7.82	7.70	7.16	7.24	
10	6.89	10.25	9.17	9.52	7.86	8.09	10.59	11.82	7.87	7.65	7.15	7.23	
11	6.88	11.13	9.97	10.14	7.77	7.88	9.63	11.57	7.98	7.57	7.14	7.22	
12	6.88	10.59	9.90	9.86	7.71	7.84	9.83	11.68	7.93	7.53	7.12	7.19	
13	6.88	9.39	9.16	9.37	7.68	7.89	10.04	11.25	7.94	7.49	7.11	7.18	
14	6.93	9.04	8.76	8.98	7.71	7.88	10.10	11.82	7.91	7.45	7.11	7.16	
15	6.97	8.76	9.04	8.78	7.78	7.88	10.06	11.83	8.53	7.41	7.09	7.13	
16	7.00	9.32	9.31	8.54	7.83	8.34	9.71	11.15	8.91	7.39	7.08	7.11	
17	6.98	10.93	10.14	8.41	7.95	9.54	10.03	10.81	8.61	7.38	7.08	7.08	
18	6.95	11.15	10.35	8.60	8.25	9.57	10.08	10.76	8.46	7.40	7.06	7.06	
19	6.94	10.97	9.99	8.64	9.38	8.79	11.32	10.33	8.57	7.61	7.05	7.05	
20	6.98	10.33	10.58	9.52	9.25	8.23	11.16	9.73	8.70	8.01	7.03	7.04	
21	6.97	9.71	10.30	10.38	9.26	7.95	10.92	9.64	8.54	7.74	7.02	7.03	
22	6.97	9.39	9.37	10.84	10.14	7.80	10.95	9.60	8.28	7.57	7.00	7.01	
23	6.98	8.90	8.80	11.07	9.39	7.70	10.54	9.18	8.09	7.48	6.98	7.00	
24	6.99	8.65	8.51	11.39	8.54	7.72	10.19	8.89	7.96	7.42	6.98	6.98	
25	7.01	8.41	8.44	11.61	8.14	8.14	10.97	8.66	7.86	7.39	7.01	6.97	
26	6.97	8.11	8.37	11.57	7.95	8.25	11.51	8.49	7.80	7.36	7.13	7.00	
27	6.95	7.91	8.84	11.25	7.84	8.22	11.39	8.38	7.81	7.33	7.46	7.38	
28	6.97	7.78	8.86	11.04	7.89	7.91	11.35	8.30	7.81	7.31	7.34	7.33	
29	7.05	7.74	8.73	11.05	8.90	7.71	11.06	8.18	7.72	7.29	7.58	7.39	
30	7.53	8.10	8.29	10.83	10.08	7.64	10.50	8.08	7.63	7.26	7.26	7.20	
31		8.34		9.90	9.56		9.97		7.59	7.27		7.12	
Mean	7.00	9.26	9.02	9.58	8.49	8.18	10.18	10.08	8.04	7.57	7.16	7.25	
Max	7.53	11.15	10.58	11.61	10.14	9.57	11.51	11.83	8.91	8.13	7.58	8.05	11.83
Min	6.88	7.74	7.79	7.64	7.68	7.64	7.65	8.08	7.59	7.26	6.98	6.97	6.88
Annual Max Momentary Gage Height	11.95	m. (MSL.) ,		at 03.00 Hours , on Nov 15 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (MSL.) ,		River Bed		5.10	m. (MSL)						
Left Bank Elevation	19.66	m. (MSL.) ,											
Right Bank Elevation	19.71	m. (MSL.) ,		Drainage Are	1,801	Square Kilometers							



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008													
Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.25	40.00	27.40	27.60	53.80	40.00	21.75	59.25	27.20	20.25	15.90	28.00	
2	13.80	82.35	24.60	25.20	48.80	32.80	47.60	57.60	26.55	20.40	15.60	24.45	
3	13.65	74.20	23.85	23.55	42.80	27.80	69.40	92.85	26.10	22.20	15.45	25.20	
4	12.90	57.00	32.00	22.50	37.80	27.40	57.60	94.60	25.35	24.75	15.90	21.15	
5	12.15	64.60	38.20	21.60	34.00	31.60	41.00	68.80	24.45	25.95	15.90	18.30	
6	11.85	47.00	38.20	21.75	31.40	28.20	44.80	54.60	23.85	28.60	15.30	16.80	
7	11.40	31.00	32.00	44.20	29.40	25.05	70.90	59.75	24.15	29.60	15.00	16.05	
8	11.10	26.85	50.20	79.90	27.00	39.40	59.00	106.60	24.15	24.45	14.55	15.75	
9	10.80	35.40	51.60	62.50	25.80	37.60	76.00	129.40	24.30	22.50	14.40	15.60	
10	10.35	77.50	50.40	57.40	24.90	28.80	88.65	135.80	25.05	21.75	14.25	15.45	
11	10.20	108.20	69.10	74.20	23.55	25.20	59.75	125.80	26.70	20.55	14.10	15.30	
12	10.20	88.65	67.00	65.80	22.65	24.60	64.90	130.20	25.95	19.95	13.80	14.85	
13	10.20	54.80	50.20	54.40	22.20	25.35	71.20	113.00	26.10	19.35	13.65	14.70	
14	10.95	47.80	42.20	46.60	22.65	25.20	73.00	135.80	25.65	18.75	13.65	14.40	
15	11.55	42.20	47.80	42.60	23.70	25.20	71.80	136.20	37.60	18.15	13.35	13.95	
16	12.00	53.40	53.20	37.80	24.45	33.80	61.75	109.00	45.20	17.85	13.20	13.65	
17	11.70	100.55	74.20	35.20	26.25	57.80	70.90	96.35	39.20	17.70	13.20	13.20	
18	11.25	109.00	80.50	39.00	32.00	58.40	72.40	94.60	36.20	18.00	12.90	12.90	
19	11.10	101.95	69.70	39.80	54.60	42.80	115.80	79.90	38.40	21.15	12.75	12.75	
20	11.70	79.90	88.30	57.40	52.00	31.60	109.40	62.25	41.00	27.20	12.45	12.60	
21	11.55	61.75	79.00	81.40	52.20	26.25	100.20	60.00	37.80	23.10	12.30	12.45	
22	11.55	54.80	54.40	97.40	74.20	24.00	101.25	59.00	32.60	20.55	12.00	12.15	
23	11.70	45.00	43.00	105.80	54.80	22.50	86.90	50.60	28.80	19.20	11.70	12.00	
24	11.85	40.00	37.20	118.60	37.80	22.80	75.70	44.80	26.40	18.30	11.70	11.70	
25	12.15	35.20	35.80	127.40	29.80	29.80	101.95	40.20	24.90	17.85	12.15	11.55	
26	11.55	29.20	34.40	125.80	26.25	32.00	123.40	36.80	24.00	17.40	13.95	12.00	
27	11.25	25.65	43.80	113.00	24.60	31.40	118.60	34.60	24.15	16.95	18.90	17.70	
28	11.55	23.70	44.20	104.60	25.35	25.65	117.00	33.00	24.15	16.65	17.10	16.95	
29	12.75	23.10	41.60	105.00	45.00	22.65	105.40	30.60	22.80	16.35	20.70	17.85	
30	19.95	29.00	32.80	97.05	72.40	21.60	85.50	28.60	21.45	15.90		15.00	
31		33.80		67.00	58.20		69.10		20.85	16.05		13.80	
Total	358.95	1723.55	1456.85	2022.05	1160.35	927.25	2432.60	2360.55	881.05	637.40	415.80	488.20	14864.60 CMSDAY
Mean	11.96	55.60	48.56	65.23	37.43	30.91	78.47	78.68	28.42	20.56	14.34	15.75	40.61 CMS
Max	19.95	109.00	88.30	127.40	74.20	58.40	123.40	136.20	45.20	29.60	20.70	28.00	136.20 CMS
Min	10.20	23.10	23.85	21.60	22.20	21.60	21.75	28.60	20.85	15.90	11.70	11.55	10.20 CMS
Runoff	31.01	148.91	125.87	174.71	100.25	80.11	210.18	203.95	76.12	55.07	35.93	42.18	1284.30 MCM
Momentary Peak	141.00	CMS.	CMS.	at 11.95 m. (MSL.)	at 03.00 Hours	on Nov 15, 2007							
Runoff Yield	22.61	Liters/Second/Square KM.		Momentary Peak Yield	78.29	Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlung Nang Noi at Ban Thung Kling , Trang (X.128A)

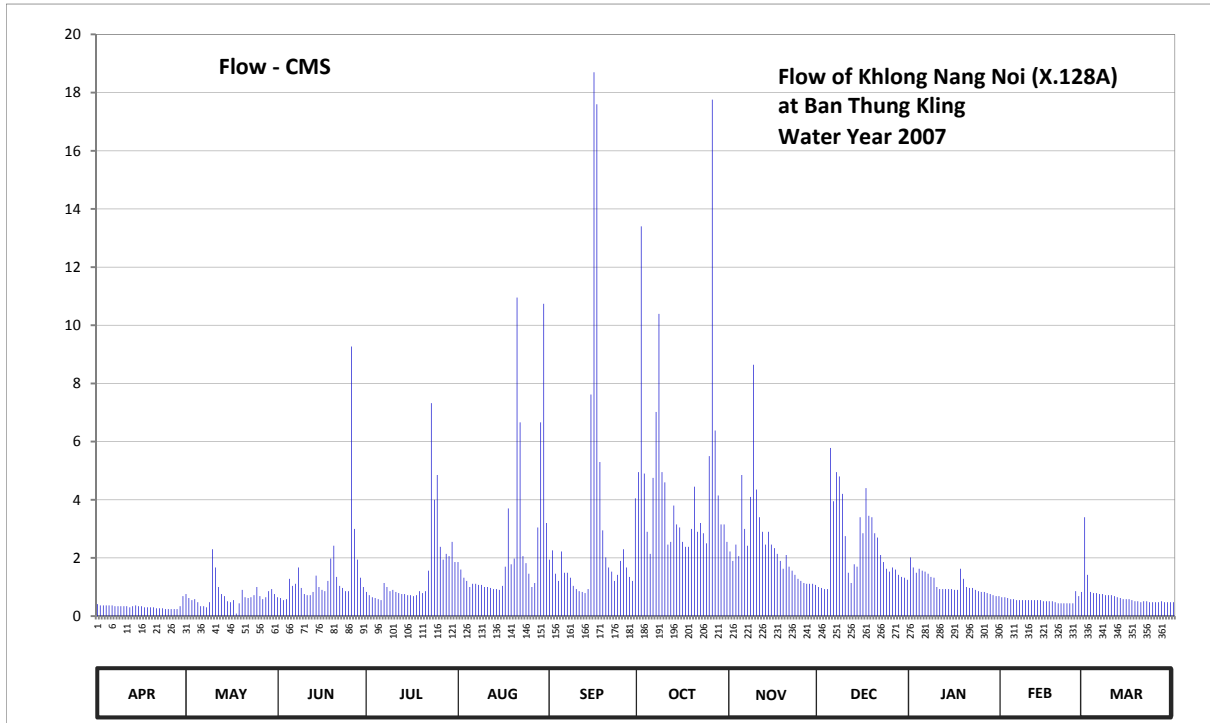
Lat 07 - 35 - 28 N Long 99 - 44 - 13 E

Location : on right bank at Ban Thung Kling.

	Ban Thung Kling	Amphoe Na Yong	Changwat Trang
Drainage Area	75 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	+40.999 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	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 27 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	35.43	35.53	35.50	35.55	35.84	35.86	36.49	35.93	35.60	35.88	35.50	36.18	
2	35.42	35.49	35.49	35.52	35.77	35.94	37.80	35.85	35.59	35.79	35.50	35.72	
3	35.42	35.47	35.47	35.50	35.69	35.73	36.48	35.99	35.58	35.74	35.49	35.55	
4	35.42	35.48	35.48	35.49	35.66	35.66	36.08	35.89	35.58	35.78	35.48	35.54	
5	35.42	35.45	35.68	35.48	35.60	35.93	35.91	36.47	36.65	35.76	35.48	35.54	
6	35.42	35.41	35.61	35.47	35.63	35.74	36.45	36.10	36.29	35.75	35.47	35.53	
7	35.41	35.41	35.63	35.64	35.63	35.74	36.87	35.98	36.49	35.73	35.47	35.53	
8	35.41	35.40	35.79	35.60	35.62	35.69	37.37	36.32	36.46	35.70	35.47	35.52	
9	35.41	35.45	35.59	35.56	35.62	35.61	36.49	37.12	36.34	35.69	35.47	35.52	
10	35.41	35.95	35.53	35.57	35.60	35.58	36.42	36.37	36.05	35.60	35.47	35.52	
11	35.41	35.79	35.52	35.55	35.60	35.56	35.99	36.18	35.74	35.58	35.47	35.51	
12	35.40	35.60	35.52	35.54	35.59	35.55	36.01	36.08	35.64	35.58	35.47	35.50	
13	35.41	35.53	35.55	35.53	35.58	35.54	36.26	35.99	35.82	35.58	35.47	35.49	
14	35.42	35.51	35.71	35.53	35.58	35.58	36.13	36.08	35.80	35.58	35.47	35.48	
15	35.41	35.46	35.60	35.52	35.57	36.97	36.11	35.99	36.18	35.58	35.46	35.48	
16	35.41	35.45	35.57	35.52	35.61	38.47	36.01	35.96	36.07	35.57	35.46	35.48	
17	35.40	35.47	35.56	35.51	35.80	38.35	35.97	35.91	36.38	35.57	35.46	35.47	
18	35.40	35.33	35.66	35.52	36.24	36.56	35.97	35.85	36.19	35.78	35.46	35.46	
19	35.40	35.44	35.87	35.56	35.82	36.09	36.10	35.78	36.18	35.68	35.45	35.46	
20	35.40	35.57	35.98	35.54	35.87	35.88	36.39	35.90	36.07	35.60	35.44	35.45	
21	35.39	35.50	35.70	35.56	37.45	35.79	36.08	35.80	36.04	35.59	35.44	35.46	
22	35.39	35.49	35.61	35.76	36.81	35.75	36.14	35.76	35.90	35.59	35.44	35.46	
23	35.39	35.50	35.59	36.92	35.89	35.66	36.07	35.72	35.84	35.57	35.44	35.45	
24	35.38	35.52	35.56	36.30	35.83	35.72	36.00	35.68	35.78	35.56	35.44	35.45	
25	35.38	35.60	35.56	36.47	35.73	35.85	36.60	35.66	35.75	35.55	35.44	35.45	
26	35.38	35.51	37.21	35.97	35.60	35.95	38.37	35.64	35.79	35.55	35.56	35.45	
27	35.38	35.48	36.10	35.86	35.64	35.79	36.76	35.63	35.77	35.54	35.51	35.46	
28	35.38	35.50	35.86	35.91	36.11	35.70	36.33	35.63	35.72	35.53	35.55	35.45	
29	35.41	35.56	35.69	35.89	36.81	35.66	36.13	35.63	35.70	35.52	36.00	35.45	
30	35.51	35.58	35.60	36.01	37.42	36.31	36.13	35.62	35.69	35.51		35.45	
31		35.53		35.84	36.14		36.01		35.67	35.51		35.45	
Mean	35.41	35.51	35.69	35.72	35.91	36.01	36.38	35.95	35.95	35.63	35.49	35.51	
Max	35.51	35.95	37.21	36.92	37.45	38.47	38.37	37.12	36.65	35.88	36.00	36.18	38.47
Min	35.38	35.33	35.47	35.47	35.57	35.54	35.91	35.62	35.58	35.51	35.44	35.45	35.33
Annual Max Momentary Gage Height	39.35		m. (MSL.) ,				at 18.00 Hours , on Sep 16 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	35.26	m. (MSL)					
Left Bank Elevation		43.35	m. (MSL.) ,										
Right Bank Elevation		43.37	m. (MSL.) ,		Drainage Are	75	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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.41	0.76	0.65	0.83	1.86	1.94	4.95	2.22	1.00	2.02	0.65	3.40	
2	0.37	0.62	0.62	0.72	1.60	2.26	13.40	1.90	0.97	1.67	0.65	1.42	
3	0.37	0.55	0.55	0.65	1.32	1.46	4.90	2.46	0.93	1.49	0.62	0.83	
4	0.37	0.58	0.58	0.62	1.21	1.21	2.90	2.06	0.93	1.63	0.58	0.79	
5	0.37	0.48	1.28	0.58	1.00	2.22	2.14	4.85	5.78	1.56	0.58	0.79	
6	0.37	0.34	1.04	0.55	1.11	1.49	4.75	3.00	3.95	1.53	0.55	0.76	
7	0.34	0.34	1.11	1.14	1.11	1.49	7.02	2.42	4.95	1.46	0.55	0.76	
8	0.34	0.30	1.67	1.00	1.07	1.32	10.39	4.10	4.80	1.35	0.55	0.72	
9	0.34	0.48	0.97	0.86	1.07	1.04	4.95	8.64	4.20	1.32	0.55	0.72	
10	0.34	2.30	0.76	0.90	1.00	0.93	4.60	4.35	2.75	1.00	0.55	0.72	
11	0.34	1.67	0.72	0.83	1.00	0.86	2.46	3.40	1.49	0.93	0.55	0.69	
12	0.30	1.00	0.72	0.79	0.97	0.83	2.55	2.90	1.14	0.93	0.55	0.65	
13	0.34	0.76	0.83	0.76	0.93	0.79	3.80	2.46	1.78	0.93	0.55	0.62	
14	0.37	0.69	1.39	0.76	0.93	0.93	3.15	2.90	1.70	0.93	0.55	0.58	
15	0.34	0.51	1.00	0.72	0.90	7.62	3.05	2.46	3.40	0.93	0.51	0.58	
16	0.34	0.48	0.90	0.72	1.04	18.70	2.55	2.34	2.85	0.90	0.51	0.58	
17	0.30	0.55	0.86	0.69	1.70	17.60	2.38	2.14	4.40	0.90	0.51	0.55	
18	0.30	0.09	1.21	0.72	3.70	5.30	2.38	1.90	3.45	1.63	0.51	0.51	
19	0.30	0.44	1.98	0.86	1.78	2.95	3.00	1.63	3.40	1.28	0.48	0.51	
20	0.30	0.90	2.42	0.79	1.98	2.02	4.45	2.10	2.85	1.00	0.44	0.48	
21	0.27	0.65	1.35	0.86	10.95	1.67	2.90	1.70	2.70	0.97	0.44	0.51	
22	0.27	0.62	1.04	1.56	6.66	1.53	3.20	1.56	2.10	0.97	0.44	0.51	
23	0.27	0.65	0.97	7.32	2.06	1.21	2.85	1.42	1.86	0.90	0.44	0.48	
24	0.24	0.72	0.86	4.00	1.82	1.42	2.50	1.28	1.63	0.86	0.44	0.48	
25	0.24	1.00	0.86	4.85	1.46	1.90	5.50	1.21	1.53	0.83	0.44	0.48	
26	0.24	0.69	9.27	2.38	1.00	2.30	17.76	1.14	1.67	0.83	0.86	0.48	
27	0.24	0.58	3.00	1.94	1.14	1.67	6.38	1.11	1.60	0.79	0.69	0.51	
28	0.24	0.65	1.94	2.14	3.05	1.35	4.15	1.11	1.42	0.76	0.83	0.48	
29	0.34	0.86	1.32	2.06	6.66	1.21	3.15	1.11	1.35	0.72	2.50	0.48	
30	0.69	0.93	1.00	2.55	10.74	4.05	3.15	1.07	1.32	0.69		0.48	
31		0.76		1.86	3.20		2.55		1.25	0.69		0.48	
Total	9.89	21.95	42.87	47.01	76.02	91.27	143.86	72.94	75.15	34.40	18.07	22.03	655.46 CMSDAY
Mean	0.33	0.71	1.43	1.52	2.45	3.04	4.64	2.43	2.42	1.11	0.62	0.71	1.79 CMS
Max	0.69	2.30	9.27	7.32	10.95	18.70	17.76	8.64	5.78	2.02	2.50	3.40	18.70 CMS
Min	0.24	0.09	0.55	0.55	0.90	0.79	2.14	1.07	0.93	0.69	0.44	0.48	0.09 CMS
Runoff	0.85	1.90	3.70	4.06	6.57	7.89	12.43	6.30	6.49	2.97	1.56	1.90	56.63 MCM
Momentary Peak	28.37	CMS. at 39.35 m. (MSL.) at 18.00 Hours , on Sep 16 , 2007											
Runoff Yield	23.94	Liters/Second/Square KM. Momentary Peak Yield 378.27 Liters/Second/Square KM.											

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Ta Kuaw Pa at Ban Talat Kao , Phangnga (X.186)

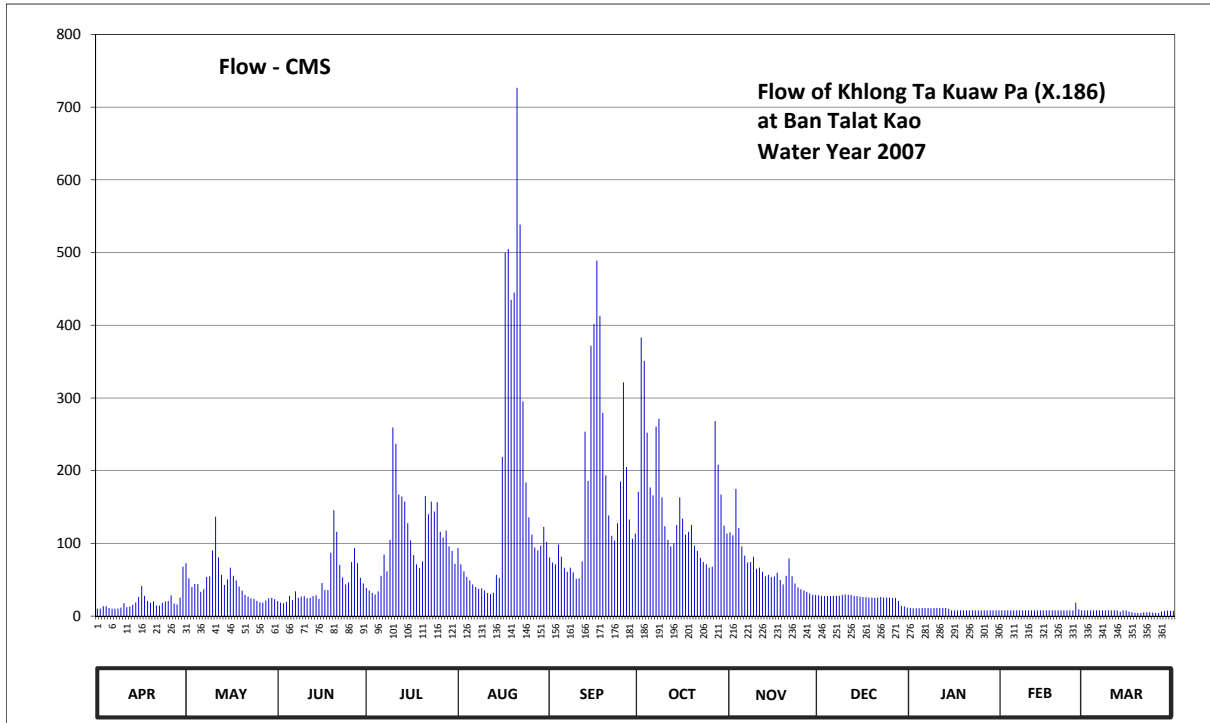
Lat 08 - 49 - 47 N Long 98 - 22 - 17 E

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	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	On left bank about 10 meters from the top staff gage.				Elevation	+4.980 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.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records good. Stage-discharge relation defined by 20 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.06	1.06	0.28	0.58	1.32	1.16	2.21	1.59	0.41	0.08	0.00	0.00	
2	0.06	0.77	0.24	0.52	1.04	1.07	3.64	1.54	0.40	0.07	0.00	0.00	
3	0.14	0.60	0.23	0.46	0.91	1.04	3.49	2.25	0.39	0.07	0.00	0.00	
4	0.14	0.66	0.26	0.43	0.80	1.38	2.91	1.66	0.39	0.07	0.00	0.00	
5	0.08	0.66	0.40	0.50	0.73	1.17	2.27	1.35	0.39	0.08	0.00	0.00	
6	0.05	0.49	0.30	0.82	0.65	0.98	2.16	1.19	0.40	0.08	0.00	0.00	
7	0.05	0.55	0.50	1.21	0.60	0.90	2.97	1.07	0.40	0.08	0.00	0.00	
8	0.06	0.80	0.35	0.91	0.56	0.98	3.04	1.08	0.40	0.07	0.00	0.00	
9	0.09	0.81	0.38	1.46	0.57	0.89	2.13	1.17	0.42	0.08	0.00	0.00	
10	0.23	1.28	0.39	2.96	0.52	0.76	1.69	0.96	0.43	0.08	0.00	0.00	
11	0.11	1.84	0.34	2.80	0.46	0.77	1.46	0.98	0.42	0.08	0.00	0.00	
12	0.13	1.16	0.35	2.17	0.44	1.09	1.35	0.90	0.42	0.08	0.00	-0.01	
13	0.19	0.84	0.39	2.14	0.47	2.92	1.40	0.81	0.39	0.08	0.00	-0.05	
14	0.25	0.64	0.41	2.07	0.84	2.36	1.71	0.84	0.39	0.05	0.00	0.00	
15	0.37	0.75	0.33	1.74	0.78	3.59	2.13	0.80	0.38	0.00	0.00	-0.01	
16	0.62	0.98	0.68	1.45	2.65	3.72	1.81	0.81	0.37	0.00	0.00	-0.04	
17	0.40	0.82	0.53	1.20	4.11	4.07	1.55	0.88	0.37	0.00	0.00	-0.07	
18	0.28	0.73	0.53	1.04	4.13	3.77	1.60	0.74	0.36	0.00	0.00	-0.09	
19	0.24	0.61	1.24	0.97	3.86	3.09	1.71	0.65	0.36	0.00	0.00	-0.09	
20	0.27	0.52	1.94	1.09	3.90	2.43	1.36	0.82	0.35	0.00	0.00	-0.09	
21	0.17	0.42	1.60	2.15	4.85	1.86	1.27	1.14	0.36	0.00	0.00	-0.07	
22	0.16	0.38	1.03	1.88	4.25	1.53	1.15	0.81	0.37	0.00	0.00	-0.07	
23	0.24	0.34	0.79	2.07	3.19	1.45	1.08	0.67	0.36	0.00	0.00	-0.07	
24	0.27	0.33	0.65	1.92	2.34	1.74	1.04	0.59	0.36	0.00	0.00	-0.08	
25	0.28	0.28	0.69	2.06	1.83	2.35	0.98	0.55	0.36	0.00	0.00	-0.09	
26	0.41	0.25	1.08	1.60	1.55	3.34	1.00	0.52	0.35	0.00	0.24	-0.09	
27	0.22	0.24	1.32	1.50	1.33	2.53	3.02	0.49	0.35	0.00	0.03	-0.04	
28	0.20	0.29	1.06	1.62	1.28	1.80	2.56	0.45	0.28	0.00	0.00	-0.02	
29	0.36	0.34	0.78	1.35	1.36	1.48	2.17	0.42	0.15	0.00	0.00	-0.01	
30	1.00	0.35	0.67	1.27	1.68	1.57	1.70	0.42	0.13	0.00	0.00	-0.02	
31		0.32		1.05	1.43		1.57		0.09	0.00		-0.02	
Mean	0.24	0.65	0.66	1.45	1.76	1.93	1.94	0.94	0.35	0.03	0.01	-0.03	
Max	1.00	1.84	1.94	2.96	4.85	4.07	3.64	2.25	0.43	0.08	0.24	0.00	4.85
Min	0.05	0.24	0.23	0.43	0.44	0.76	0.98	0.42	0.09	0.00	0.00	-0.09	-0.09
Annual Max Momentary Gage Height	5.05	m. (MSL.) , at 15.00 Hours , on Aug 21, 2007											
Zero Gage at Bottom Elevation	0.00	m. (MSL.) , River Bed -0.82 m. (MSL.)											
Left Bank Elevation	5.79	m. (MSL.) ,											
Right Bank Elevation	5.82	m. (MSL.) , Drainage Are 734 Square Kilometers											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.40	72.80	20.80	38.80	93.60	80.80	171.00	115.20	28.60	11.20	8.00	8.00		
2	10.40	51.90	18.40	35.20	71.20	73.60	383.20	111.20	28.00	10.80	8.00	8.00		
3	13.60	40.00	17.80	31.60	61.70	71.20	350.90	175.00	27.40	10.80	8.00	8.00		
4	13.60	44.20	19.60	29.80	54.00	98.40	252.40	121.10	27.40	10.80	8.00	8.00		
5	11.20	44.20	28.00	34.00	49.10	81.60	177.00	96.00	27.40	11.20	8.00	8.00		
6	10.00	33.40	22.00	55.40	43.50	66.60	166.20	83.20	28.00	11.20	8.00	8.00		
7	10.00	37.00	34.00	84.80	40.00	61.00	260.80	73.60	28.00	11.20	8.00	8.00		
8	10.40	54.00	25.00	61.70	37.60	66.60	271.40	74.40	28.00	10.80	8.00	8.00		
9	11.60	54.70	26.80	104.80	38.20	60.30	163.35	81.60	29.20	11.20	8.00	8.00		
10	17.80	90.40	27.40	259.40	35.20	51.20	123.65	65.20	29.80	11.20	8.00	8.00		
11	12.40	136.60	24.40	237.00	31.60	51.90	104.80	66.60	29.20	11.20	8.00	8.00		
12	13.20	80.80	25.00	167.15	30.40	75.20	96.00	61.00	29.20	11.20	8.00	7.60		
13	15.60	56.80	27.40	164.30	32.20	253.80	100.00	54.70	27.40	11.20	8.00	6.00		
14	19.00	42.80	28.60	157.65	56.80	186.00	125.35	56.80	27.40	10.00	8.00	8.00		
15	26.20	50.50	23.80	127.90	52.60	371.90	163.35	54.00	26.80	8.00	8.00	7.60		
16	41.40	66.60	45.60	104.00	219.00	401.60	133.90	54.70	26.20	8.00	8.00	6.40		
17	28.00	55.40	35.80	84.00	499.70	488.90	112.00	59.60	26.20	8.00	8.00	5.20		
18	20.80	49.10	35.80	71.20	505.10	413.10	116.00	49.80	25.60	8.00	8.00	4.40		
19	18.40	40.70	87.20	65.90	435.00	279.40	125.35	43.50	25.60	8.00	8.00	4.40		
20	20.20	35.20	145.60	75.20	445.00	193.45	96.80	55.40	25.00	8.00	8.00	4.40		
21	14.80	29.20	116.00	165.25	726.50	138.40	89.60	79.20	25.60	8.00	8.00	5.20		
22	14.40	26.80	70.40	140.20	538.50	110.40	80.00	54.70	26.20	8.00	8.00	5.20		
23	18.40	24.40	53.30	157.65	295.40	104.00	74.40	44.90	25.60	8.00	8.00	5.20		
24	20.20	23.80	43.50	143.80	184.00	127.90	71.20	39.40	25.60	8.00	8.00	4.80		
25	20.80	20.80	46.30	156.70	135.70	185.00	66.60	37.00	25.60	8.00	8.00	4.40		
26	28.60	19.00	74.40	116.00	112.00	321.50	68.00	35.20	25.00	8.00	18.40	4.40		
27	17.20	18.40	93.60	108.00	94.40	204.95	268.20	33.40	25.00	8.00	9.20	6.40		
28	16.00	21.40	72.80	117.70	90.40	133.00	208.40	31.00	20.80	8.00	8.00	7.20		
29	25.60	24.40	52.60	96.00	96.80	106.40	167.15	29.20	14.00	8.00	8.00	7.60		
30	68.00	25.00	44.90	89.60	122.80	113.60	124.50	29.20	13.20	8.00		7.20		
31		23.20		72.00	102.40		113.60		11.60	8.00		7.20		
Total	578.20	1393.50	1386.80	3352.70	5330.40	4971.70	4825.10	1965.80	788.60	290.00	243.60	206.80	25333.20	CMSDAY
Mean	19.27	44.95	46.23	108.15	171.95	165.72	155.65	65.53	25.44	9.35	8.40	6.67	69.22	CMS
Max	68.00	136.60	145.60	259.40	726.50	488.90	383.20	175.00	29.80	11.20	18.40	8.00	726.50	CMS
Min	10.00	18.40	17.80	29.80	30.40	51.20	66.60	29.20	11.60	8.00	8.00	4.40	4.40	CMS
Runoff	49.96	120.40	119.82	289.67	460.55	429.55	416.89	169.85	68.14	25.06	21.05	17.87	2188.79	MCM
Momentary Peak		793.00	CMS.	at 5.05 m. (MSL.)	at 15.00 Hours ,	on Aug 21, 2007								
Runoff Yield		94.56	Liters/Second/Square KM.		Momentary Peak Yield	1080.38	Liters/Second/Square KM.							

WATER YEAR : 2007

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 good. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.16	6.43	6.05	6.24	6.69	6.60	7.19	6.82	6.05	5.88	5.78	5.80	
2	6.13	6.36	6.04	6.18	6.49	6.56	8.26	6.80	6.04	5.88	5.78	5.82	
3	6.08	6.29	6.04	6.16	6.41	6.55	7.74	7.18	6.03	5.90	5.80	5.91	
4	6.05	6.29	6.03	6.18	6.36	6.74	7.42	6.74	6.02	5.89	5.79	5.92	
5	6.04	6.31	6.03	6.22	6.33	6.67	7.07	6.62	6.00	5.88	5.79	5.94	
6	6.02	6.27	6.03	6.32	6.27	6.57	7.10	6.54	5.99	5.88	5.79	5.88	
7	6.00	6.28	6.02	6.59	6.23	6.50	7.60	6.48	5.98	5.87	5.79	5.84	
8	5.98	6.29	6.02	6.45	6.20	6.46	7.42	6.49	5.97	5.87	5.80	5.85	
9	5.97	6.29	6.03	6.74	6.19	6.44	7.00	6.53	5.94	5.87	5.79	5.88	
10	6.00	6.47	6.07	7.71	6.17	6.42	6.80	6.39	5.92	5.90	5.79	5.85	
11	5.98	6.85	6.10	7.43	6.14	6.41	6.72	6.39	5.90	5.89	5.79	5.86	
12	6.00	6.64	6.08	7.03	6.13	6.51	6.63	6.39	5.87	5.89	5.78	5.93	
13	6.04	6.48	6.08	7.15	6.14	7.73	6.60	6.35	5.85	5.87	5.77	5.97	
14	6.11	6.39	6.07	7.00	6.31	7.17	6.84	6.31	5.84	5.85	5.77	5.95	
15	6.25	6.33	6.07	6.84	6.30	8.34	7.19	6.31	5.83	5.84	5.77	5.93	
16	6.29	6.48	6.15	6.69	7.80	7.98	6.87	6.38	5.82	5.83	5.78	5.89	
17	6.34	6.47	6.27	6.54	8.41	8.53	6.69	6.34	5.82	5.83	5.77	5.83	
18	6.32	6.45	6.26	6.47	8.25	7.87	6.69	6.32	5.81	5.83	5.79	5.78	
19	6.27	6.44	6.37	6.45	8.04	7.49	6.83	6.30	5.80	5.85	5.80	5.78	
20	6.20	6.39	6.83	6.52	8.16	7.12	6.84	6.36	5.80	5.84	5.79	5.78	
21	6.18	6.25	6.81	7.12	8.95	6.94	6.70	6.49	5.79	5.84	5.78	5.77	
22	6.18	6.13	6.50	7.00	8.13	6.65	6.53	6.40	5.79	5.83	5.76	5.77	
23	6.22	6.13	6.40	7.07	7.50	6.47	6.60	6.33	5.78	5.83	5.75	5.76	
24	6.14	6.10	6.27	6.86	7.07	6.83	6.47	6.25	5.78	5.82	5.74	5.76	
25	6.12	6.06	6.28	6.98	6.87	7.18	6.45	6.22	5.78	5.82	5.75	5.79	
26	6.14	6.04	6.41	6.76	6.77	7.84	6.41	6.19	5.90	5.81	5.78	5.82	
27	6.23	6.04	6.69	6.65	6.68	7.13	7.75	6.15	6.08	5.81	5.78	5.85	
28	6.21	6.08	6.51	6.75	6.61	6.82	7.13	6.12	5.96	5.80	5.80	5.87	
29	6.27	6.06	6.37	6.55	6.65	6.69	7.03	6.10	5.93	5.79	5.80	5.83	
30	6.34	6.10	6.29	6.57	6.84	6.66	6.78	6.08	5.90	5.79	5.79	5.83	
31		6.07		6.51	6.70		6.69		5.88	5.78		5.88	
Mean	6.14	6.30	6.24	6.70	6.90	7.00	6.97	6.41	5.90	5.85	5.78	5.85	
Max	6.34	6.85	6.83	7.71	8.95	8.53	8.26	7.18	6.08	5.90	5.80	5.97	8.95
Min	5.97	6.04	6.02	6.16	6.13	6.41	6.41	6.08	5.78	5.78	5.74	5.76	5.74
Annual Max Momentary Gage Height	9.09		m. (MSL.) ,				at 11.00 Hours , on Aug 21, 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	4.91	m. (MSL.)					
Left Bank Elevation		11.89	m. (MSL.) ,										
Right Bank Elevation		11.65	m. (MSL.) ,			Drainage Are	546	Square Kilometers					

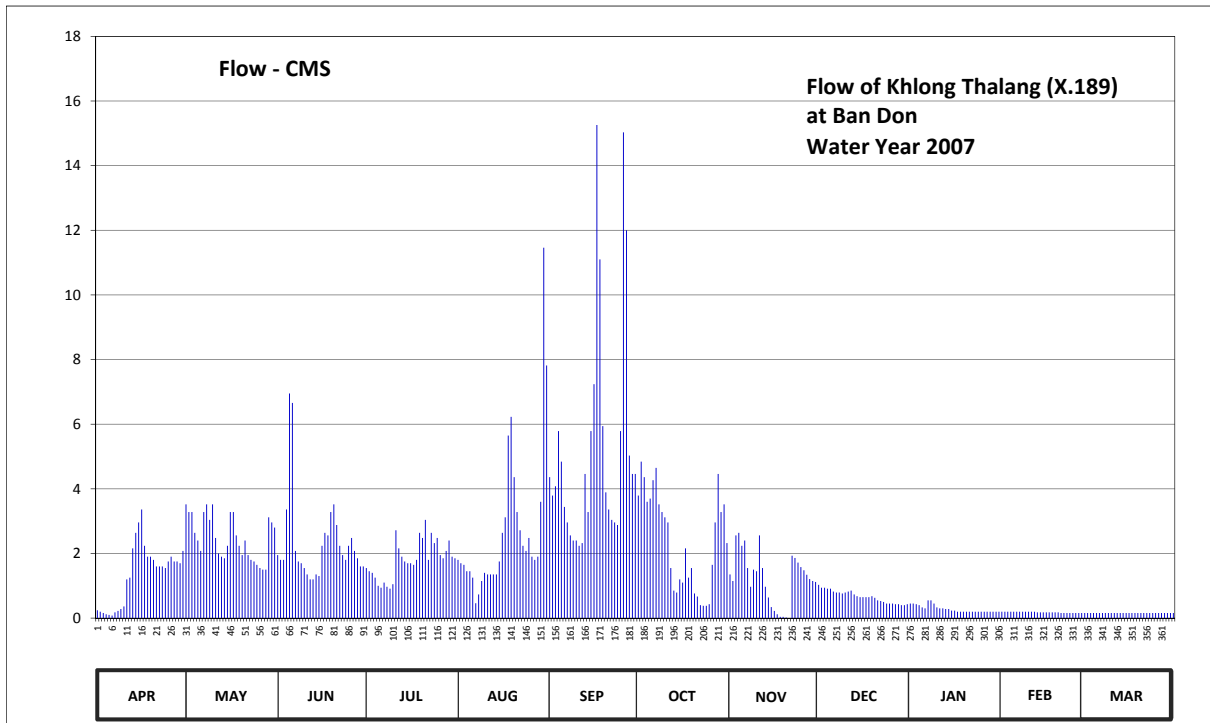
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong Thalang at Ban Don, Phuket (X.189)
 Lat 08 - 00 - 56 N Long 98 - 19 - 05 E

Location : on right bank at the bridge about 3 kilometers from Thalang crossroad.

	Ban Don	Amphoe Thalang	Changwat Phuket
Drainage Area	45	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 4.00 meters from the top staff gage.		Elevation +3.000 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 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	Rather unstable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records poor. Stage-discharge relation defined by 24 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.12	1.79	1.59	1.51	1.56	1.88	1.82	1.47	0.71	0.50	0.40	0.38	
2	1.10	1.76	1.56	1.49	1.54	1.82	1.93	1.43	0.68	0.50	0.40	0.38	
3	1.08	1.76	1.56	1.48	1.53	1.85	1.88	1.67	0.68	0.49	0.40	0.38	
4	1.06	1.68	1.77	1.45	1.49	2.02	1.80	1.68	0.67	0.48	0.40	0.38	
5	1.05	1.65	2.10	1.40	1.49	1.93	1.81	1.63	0.67	0.45	0.40	0.38	
6	1.04	1.61	2.08	1.38	1.45	1.78	1.87	1.65	0.64	0.44	0.40	0.38	
7	1.09	1.76	1.61	1.42	1.22	1.72	1.91	1.51	0.63	0.54	0.40	0.38	
8	1.11	1.79	1.55	1.39	1.31	1.67	1.79	1.39	0.63	0.54	0.40	0.38	
9	1.14	1.73	1.54	1.37	1.43	1.65	1.76	1.50	0.62	0.50	0.40	0.38	
10	1.18	1.79	1.51	1.41	1.48	1.65	1.74	1.49	0.63	0.45	0.40	0.38	
11	1.44	1.66	1.47	1.69	1.47	1.63	1.72	1.67	0.64	0.44	0.40	0.38	
12	1.45	1.60	1.44	1.62	1.47	1.64	1.51	1.51	0.65	0.44	0.40	0.38	
13	1.62	1.58	1.44	1.58	1.47	1.89	1.35	1.39	0.61	0.43	0.39	0.38	
14	1.68	1.57	1.47	1.55	1.47	1.76	1.33	1.28	0.59	0.43	0.39	0.38	
15	1.72	1.63	1.46	1.54	1.55	2.02	1.44	1.17	0.58	0.41	0.39	0.38	
16	1.77	1.76	1.63	1.54	1.68	2.12	1.42	1.11	0.58	0.41	0.39	0.38	
17	1.63	1.76	1.68	1.53	1.74	2.54	1.62	1.06	0.58	0.40	0.39	0.38	
18	1.58	1.67	1.67	1.56	2.01	2.35	1.45	1.02	0.58	0.40	0.39	0.38	
19	1.58	1.63	1.76	1.68	2.05	2.03	1.51	1.02	0.59	0.40	0.39	0.38	
20	1.56	1.59	1.79	1.66	1.88	1.83	1.32	1.01	0.57	0.40	0.39	0.38	
21	1.52	1.65	1.71	1.73	1.76	1.77	1.29	1.00	0.54	0.40	0.38	0.38	
22	1.52	1.59	1.63	1.56	1.69	1.73	1.20	0.98	0.53	0.40	0.38	0.38	
23	1.52	1.56	1.59	1.68	1.63	1.72	1.19	0.96	0.52	0.40	0.38	0.38	
24	1.51	1.55	1.56	1.64	1.61	1.71	1.19	0.92	0.50	0.40	0.38	0.38	
25	1.55	1.53	1.63	1.66	1.66	2.02	1.21	0.88	0.50	0.40	0.38	0.38	
26	1.58	1.51	1.66	1.59	1.58	2.53	1.53	0.85	0.50	0.40	0.38	0.38	
27	1.55	1.50	1.61	1.57	1.56	2.40	1.72	0.81	0.49	0.40	0.38	0.38	
28	1.55	1.50	1.57	1.61	1.58	1.95	1.89	0.77	0.49	0.40	0.38	0.38	
29	1.54	1.74	1.52	1.65	1.80	1.89	1.76	0.75	0.48	0.40	0.38	0.38	
30	1.61	1.72	1.52	1.58	2.37	1.89	1.79	0.74	0.48	0.40	0.38	0.38	
31		1.70		1.57	2.16		1.64		0.49	0.40		0.38	
Mean	1.41	1.66	1.62	1.55	1.64	1.91	1.59	1.21	0.58	0.43	0.39	0.38	
Max	1.77	1.79	2.10	1.73	2.37	2.54	1.93	1.68	0.71	0.54	0.40	0.38	2.54
Min	1.04	1.50	1.44	1.37	1.22	1.63	1.19	0.74	0.48	0.40	0.38	0.38	0.38
Annual Max Momentary Gage Height	2.58												at 18.00 Hours , on Sep 26, 2007
Zero Gage at Bottom Elevation	0.00						0.32						m. (MSL.)
Left Bank Elevation		3.58											m. (MSL.)
Right Bank Elevation		3.57											m. (MSL.)
Drainage Area						45							Square Kilometers



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	3.52	1.95	1.55	1.80	4.36	3.79	1.35	1.03	0.45	0.20	0.16	
2	0.20	3.28	1.80	1.45	1.70	3.79	4.84	1.15	0.94	0.45	0.20	0.16	
3	0.16	3.28	1.80	1.40	1.65	4.08	4.36	2.56	0.94	0.43	0.20	0.16	
4	0.12	2.64	3.36	1.25	1.45	5.79	3.60	2.64	0.91	0.40	0.20	0.16	
5	0.10	2.40	6.95	1.00	1.45	4.84	3.70	2.24	0.91	0.33	0.20	0.16	
6	0.08	2.08	6.66	0.94	1.25	3.44	4.27	2.40	0.82	0.30	0.20	0.16	
7	0.18	3.28	2.08	1.10	0.46	2.96	4.65	1.55	0.79	0.55	0.20	0.16	
8	0.22	3.52	1.75	0.97	0.73	2.56	3.52	0.97	0.79	0.55	0.20	0.16	
9	0.28	3.04	1.70	0.91	1.15	2.40	3.28	1.50	0.76	0.45	0.20	0.16	
10	0.36	3.52	1.55	1.05	1.40	2.40	3.12	1.45	0.79	0.33	0.20	0.16	
11	1.20	2.48	1.35	2.72	1.35	2.24	2.96	2.56	0.82	0.30	0.20	0.16	
12	1.25	2.00	1.20	2.16	1.35	2.32	1.55	1.55	0.85	0.30	0.20	0.16	
13	2.16	1.90	1.20	1.90	1.35	4.46	0.85	0.97	0.73	0.28	0.18	0.16	
14	2.64	1.85	1.35	1.75	1.35	3.28	0.79	0.64	0.68	0.28	0.18	0.16	
15	2.96	2.24	1.30	1.70	1.75	5.79	1.20	0.34	0.65	0.23	0.18	0.16	
16	3.36	3.28	2.24	1.70	2.64	7.24	1.10	0.22	0.65	0.23	0.18	0.16	
17	2.24	3.28	2.64	1.65	3.12	15.26	2.16	0.12	0.65	0.20	0.18	0.16	
18	1.90	2.56	2.56	1.80	5.65	11.10	1.25	0.04	0.65	0.20	0.18	0.16	
19	1.90	2.24	3.28	2.64	6.23	5.94	1.55	0.04	0.68	0.20	0.18	0.16	
20	1.80	1.95	3.52	2.48	4.36	3.89	0.76	0.02	0.63	0.20	0.18	0.16	
21	1.60	2.40	2.88	3.04	3.28	3.36	0.67	0.00	0.55	0.20	0.16	0.16	
22	1.60	1.95	2.24	1.80	2.72	3.04	0.40	1.93	0.53	0.20	0.16	0.16	
23	1.60	1.80	1.95	2.64	2.24	2.96	0.38	1.86	0.50	0.20	0.16	0.16	
24	1.55	1.75	1.80	2.32	2.08	2.88	0.38	1.72	0.45	0.20	0.16	0.16	
25	1.75	1.65	2.24	2.48	2.48	5.79	0.43	1.58	0.45	0.20	0.16	0.16	
26	1.90	1.55	2.48	1.95	1.90	15.03	1.65	1.48	0.45	0.20	0.16	0.16	
27	1.75	1.50	2.08	1.85	1.80	12.00	2.96	1.34	0.43	0.20	0.16	0.16	
28	1.75	1.50	1.85	2.08	1.90	5.03	4.46	1.21	0.43	0.20	0.16	0.16	
29	1.70	3.12	1.60	2.40	3.60	4.46	3.28	1.15	0.40	0.20	0.16	0.16	
30	2.08	2.96	1.60	1.90	11.46	4.46	3.52	1.12	0.40	0.20	0.16	0.16	
31		2.80		1.85	7.82		2.32		0.43	0.20	0.16	0.16	
Total	40.63	77.32	70.96	56.43	83.47	157.15	73.75	37.70	20.69	8.86	5.28	4.96	637.20 CMSDAY
Mean	1.35	2.49	2.37	1.82	2.69	5.24	2.38	1.26	0.67	0.29	0.18	0.16	1.74 CMS
Max	3.36	3.52	6.95	3.04	11.46	15.26	4.84	2.64	1.03	0.55	0.20	0.16	15.26 CMS
Min	0.08	1.50	1.20	0.91	0.46	2.24	0.38	0.00	0.40	0.20	0.16	0.16	0.00 CMS
Runoff	3.51	6.68	6.13	4.88	7.21	13.58	6.37	3.26	1.79	0.77	0.46	0.43	55.05 MCM
Momentary Peak	16.19	CMS. at 2.58 m. (MSL.) at 18.00 Hours , on Sep 26, 2007											
Runoff Yield	38.73	Liters/Second/Square KM. Momentary Peak Yield 359.14 Liters/Second/Square KM.											

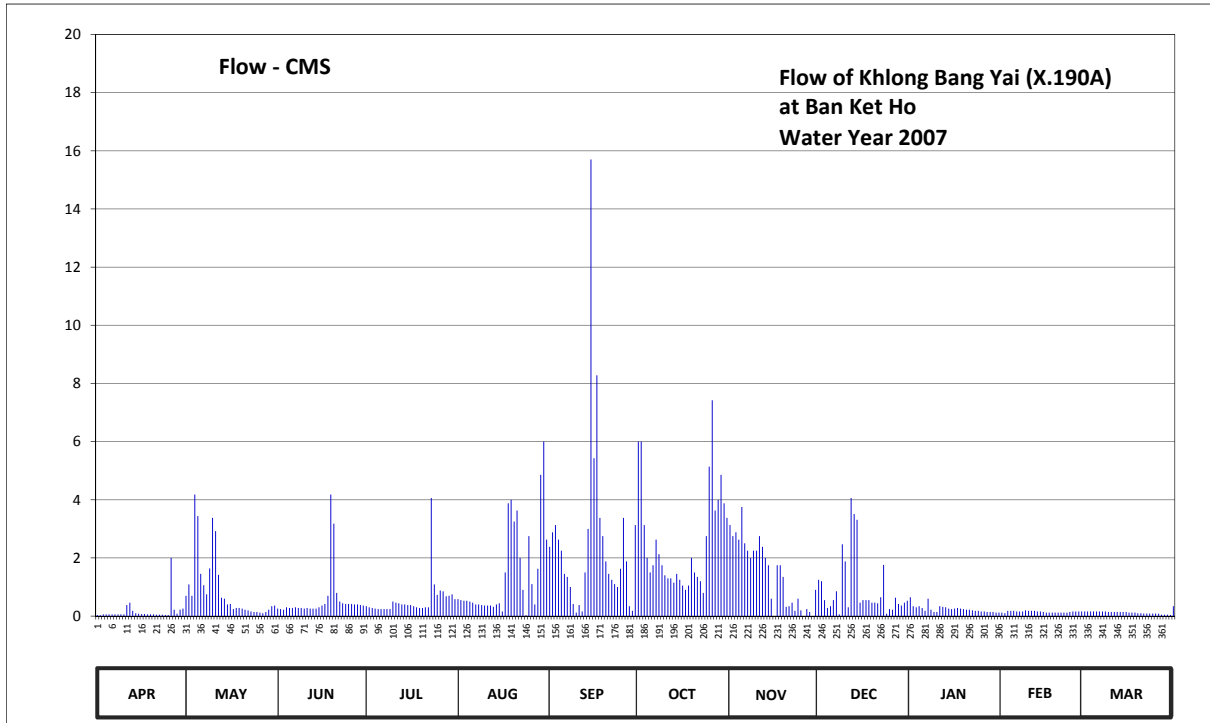
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong Bang Yai at Ban Ket Ho , Phuket (X.190A)
 Lat 07 - 54 - 13 N Long 98 - 21 - 02 E

Location : on left bank at Ban Ket Ho.

	Ban Ket Ho	Amphoe Kathu	Changwat Phuket
Drainage Area	28 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 gage site.	Elevation	+17.360 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	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 to date		
Stability of Channel Regimes	Fairly stable because of backwater effect.		
Overbank Flow Conditions	No overbank flow.		
General Description	Records poor. Stage-discharge relation defined by 25 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.14	14.48	14.28	14.32	14.43	15.27	15.47	15.33	15.15	14.46	14.21	14.23	
2	14.13	14.63	14.27	14.30	14.42	15.31	15.47	15.30	15.14	14.32	14.20	14.23	
3	14.16	14.48	14.26	14.29	14.41	15.33	15.33	15.31	15.01	14.30	14.24	14.23	
4	14.16	15.24	14.30	14.28	14.41	15.29	15.24	15.29	14.89	14.32	14.24	14.23	
5	14.16	15.16	14.29	14.27	14.40	15.26	15.20	15.38	14.92	14.29	14.24	14.23	
6	14.16	14.75	14.29	14.27	14.38	15.19	15.22	15.28	15.01	14.24	14.23	14.23	
7	14.16	14.62	14.30	14.27	14.35	15.17	15.29	15.26	15.07	14.44	14.23	14.23	
8	14.16	14.50	14.29	14.27	14.35	15.10	15.25	15.24	14.16	14.26	14.23	14.23	
9	14.16	14.81	14.29	14.27	14.34	14.96	15.22	15.26	15.01	14.22	14.25	14.22	
10	14.16	15.15	14.28	14.40	14.33	14.81	15.18	15.26	14.87	14.22	14.24	14.22	
11	14.34	15.08	14.29	14.38	14.33	14.94	15.16	15.30	14.30	14.32	14.24	14.22	
12	14.38	14.74	14.28	14.37	14.33	14.83	15.16	15.27	15.23	14.31	14.24	14.22	
13	14.24	14.45	14.28	14.35	14.31	15.20	15.13	15.24	15.17	14.30	14.23	14.22	
14	14.20	14.44	14.28	14.35	14.35	15.32	15.19	15.22	15.14	14.28	14.23	14.22	
15	14.18	14.35	14.30	14.34	14.37	15.70	15.15	15.02	14.38	14.27	14.22	14.22	
16	14.17	14.36	14.33	14.34	14.83	15.45	15.11	14.69	14.42	14.28	14.21	14.21	
17	14.17	14.27	14.36	14.32	15.20	15.55	15.08	15.22	14.42	14.29	14.21	14.21	
18	14.16	14.29	14.48	14.30	15.39	15.35	15.11	15.22	14.42	14.28	14.21	14.21	
19	14.16	14.29	15.24	14.29	15.40	15.30	15.24	15.17	14.38	14.27	14.21	14.20	
20	14.16	14.28	15.12	14.29	15.34	15.23	15.20	14.91	14.38	14.26	14.21	14.20	
21	14.15	14.26	14.52	14.30	15.37	15.19	15.17	14.92	14.37	14.26	14.21	14.19	
22	14.15	14.25	14.40	14.30	15.24	15.15	15.14	14.98	14.46	14.25	14.21	14.19	
23	14.15	14.23	14.37	15.23	15.08	15.12	15.06	14.84	14.84	14.24	14.21	14.19	
24	14.14	14.22	14.36	14.63	14.73	15.10	15.30	15.02	14.18	14.24	14.22	14.19	
25	14.14	14.22	14.36	14.49	15.30	15.21	15.44	14.85	14.27	14.23	14.23	14.19	
26	14.90	14.21	14.36	14.55	15.12	15.35	15.52	14.63	14.26	14.23	14.23	14.18	
27	14.26	14.20	14.35	14.54	14.95	15.23	15.37	14.87	14.45	14.22	14.23	14.15	
28	14.18	14.22	14.35	14.47	15.21	14.92	15.40	14.82	14.36	14.22	14.23	14.15	
29	14.26	14.26	14.34	14.48	15.43	14.84	15.43	14.54	14.33	14.22	14.23	14.15	
30	14.28	14.32	14.33	14.50	15.47	15.33	15.39	15.08	14.38	14.21	14.21	14.14	
31		14.33		14.43	15.29		15.35		14.41	14.21		14.32	
Mean	14.21	14.49	14.39	14.39	14.80	15.20	15.26	15.09	14.64	14.27	14.22	14.21	
Max	14.90	15.24	15.24	15.23	15.47	15.70	15.52	15.38	15.23	14.46	14.25	14.32	15.70
Min	14.13	14.20	14.26	14.27	14.31	14.81	15.06	14.54	14.16	14.21	14.20	14.14	14.13
Annual Max Momentary Gage Height	15.70	m. (MSL.) ,		at 06.00 Hours , on Sep 15 , 2007									
Zero Gage at Bottom Elevation	0.00	m. (MSL.) ,		River Bed 13.85 m. (MSL.)									
Left Bank Elevation	17.27	m. (MSL.) ,											
Right Bank Elevation	17.24	m. (MSL.) ,		Drainage Are		28	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.04	0.70	0.26	0.34	0.58	2.38	6.00	3.13	1.25	0.65	0.12	0.16	
2	0.03	1.09	0.24	0.30	0.55	2.88	6.00	2.75	1.20	0.34	0.10	0.16	
3	0.06	0.70	0.22	0.28	0.53	3.13	3.13	2.88	0.55	0.30	0.18	0.16	
4	0.06	4.18	0.30	0.26	0.53	2.63	2.00	2.63	0.28	0.34	0.18	0.16	
5	0.06	3.44	0.28	0.24	0.50	2.25	1.50	3.75	0.34	0.28	0.18	0.16	
6	0.06	1.45	0.28	0.24	0.46	1.45	1.75	2.50	0.55	0.18	0.16	0.16	
7	0.06	1.06	0.30	0.24	0.40	1.35	2.63	2.25	0.85	0.60	0.16	0.16	
8	0.06	0.75	0.28	0.24	0.40	1.00	2.13	2.00	0.06	0.22	0.16	0.16	
9	0.06	1.64	0.28	0.24	0.38	0.42	1.75	2.25	2.47	0.14	0.20	0.14	
10	0.06	3.38	0.26	0.50	0.36	0.12	1.40	2.25	1.88	0.14	0.18	0.14	
11	0.38	2.92	0.28	0.46	0.36	0.38	1.30	2.75	0.30	0.34	0.18	0.14	
12	0.46	1.42	0.26	0.44	0.36	0.16	1.30	2.38	4.06	0.32	0.18	0.14	
13	0.18	0.63	0.26	0.40	0.32	1.50	1.15	2.00	3.51	0.30	0.16	0.14	
14	0.10	0.60	0.26	0.40	0.40	3.00	1.45	1.75	3.31	0.26	0.16	0.14	
15	0.08	0.40	0.30	0.38	0.44	15.70	1.25	0.60	0.46	0.24	0.14	0.14	
16	0.07	0.42	0.36	0.38	0.16	5.43	1.05	0.00	0.55	0.26	0.12	0.12	
17	0.07	0.24	0.42	0.34	1.50	8.28	0.90	1.75	0.55	0.28	0.12	0.12	
18	0.06	0.28	0.70	0.30	3.88	3.38	1.05	1.75	0.55	0.26	0.12	0.12	
19	0.06	0.28	4.18	0.28	4.00	2.75	2.00	1.35	0.46	0.24	0.12	0.10	
20	0.06	0.26	3.18	0.28	3.25	1.88	1.50	0.32	0.46	0.22	0.12	0.10	
21	0.05	0.22	0.80	0.30	3.63	1.45	1.35	0.34	0.44	0.22	0.12	0.09	
22	0.05	0.20	0.50	0.30	2.00	1.25	1.20	0.46	0.65	0.20	0.12	0.09	
23	0.05	0.16	0.44	4.06	0.90	1.10	0.80	0.18	1.76	0.18	0.12	0.09	
24	0.04	0.14	0.42	1.09	0.03	1.00	2.75	0.60	0.08	0.18	0.14	0.09	
25	0.04	0.14	0.42	0.73	2.75	1.63	5.14	0.20	0.24	0.16	0.16	0.09	
26	2.00	0.12	0.42	0.88	1.10	3.38	7.42	0.00	0.22	0.16	0.16	0.08	
27	0.22	0.10	0.40	0.85	0.40	1.88	3.63	0.24	0.63	0.14	0.16	0.05	
28	0.08	0.14	0.40	0.68	1.63	0.34	4.00	0.14	0.42	0.14	0.16	0.05	
29	0.22	0.22	0.38	0.70	4.86	0.18	4.86	0.00	0.36	0.14	0.16	0.05	
30	0.26	0.34	0.36	0.75	6.00	3.13	3.88	0.90	0.46	0.12		0.04	
31		0.36		0.58	2.63		3.38		0.53	0.12		0.34	
Total	5.08	27.98	17.44	17.46	45.29	75.41	79.65	44.10	29.43	7.67	4.34	3.88	357.73 CMSDAY
Mean	0.17	0.90	0.58	0.56	1.46	2.51	2.57	1.47	0.95	0.25	0.15	0.13	0.98 CMS
Max	2.00	4.18	4.18	4.06	6.00	15.70	7.42	3.75	4.06	0.65	0.20	0.34	15.70 CMS
Min	0.03	0.10	0.22	0.24	0.03	0.12	0.80	0.00	0.06	0.12	0.10	0.04	0.00 CMS
Runoff	0.44	2.42	1.51	1.51	3.91	6.52	6.88	3.81	2.54	0.66	0.37	0.34	30.91 MCM
Momentary Peak	15.70	CMS. at 15.70 m. (MSL.) at 06.00 Hours , on Sep 15 , 2007											
Runoff Yield	33.89	Liters/Second/Square KM. Momentary Peak Yield 542.88 Liters/Second/Square KM.											

WATER YEAR : 2007**SOUTHERN PENINSULA WEST COAST****Khlong Bang Yai at Satree Phuket School , Phuket (X.191)**

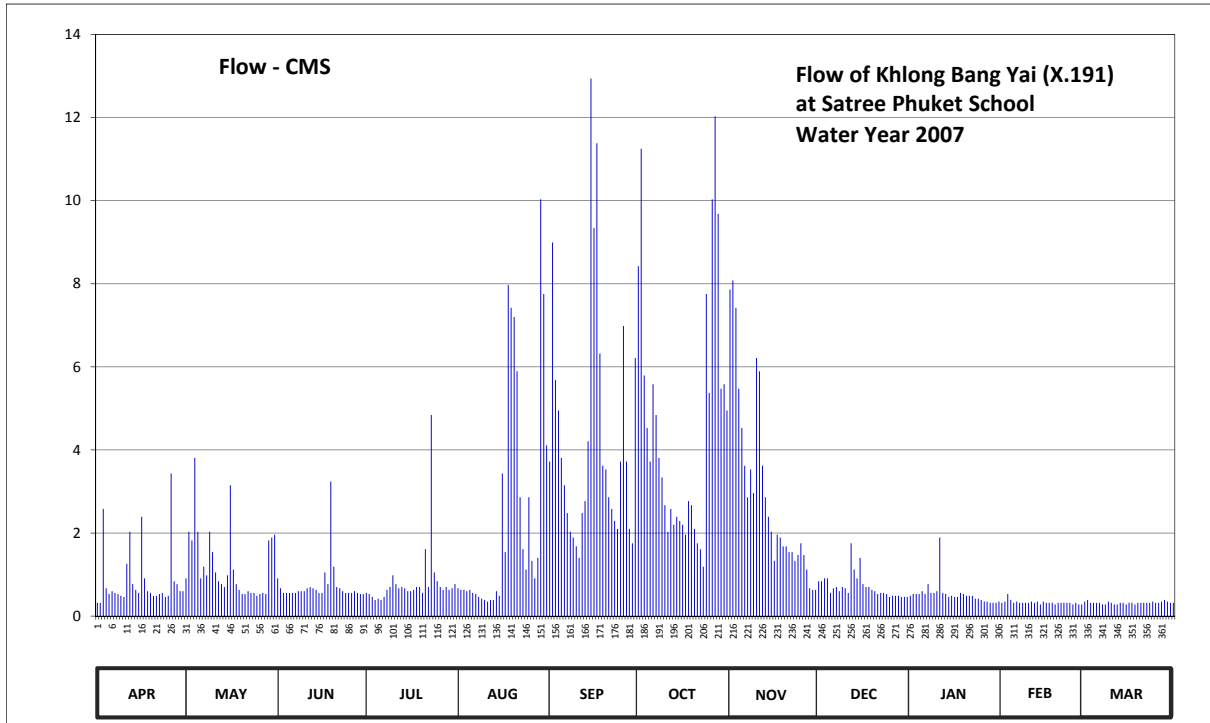
Lat 07 - 53 - 20 N Long 98 - 23 - 40 E

Location : on left bank at Satree Phuket School.

	Ban	-	Amphoe	Mueang	Changwat	Phuket
Drainage Area	54	sq.km.				
Type of Gage	Staff gage.					
Zero Gage at Bottom	+0.000	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	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 24 discharge measurements made in 2007.					

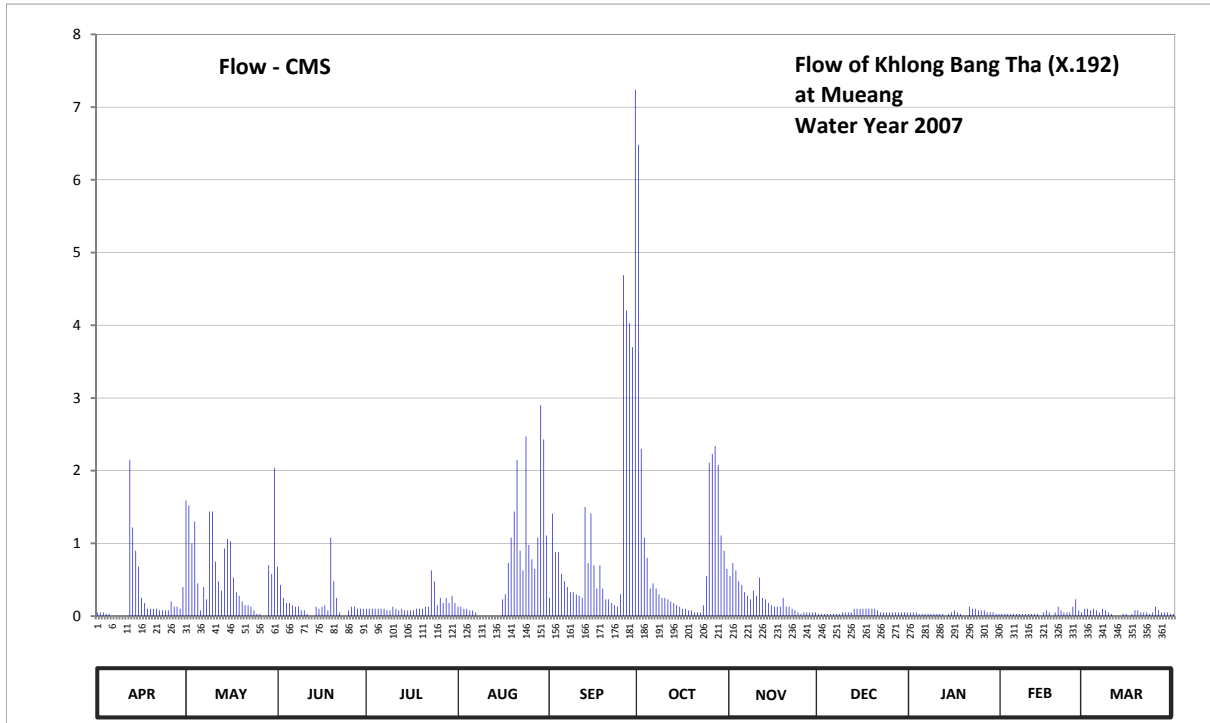
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.49	1.63	1.63	1.56	1.59	1.97	2.41	2.36	1.62	1.54	1.49	1.50	
2	1.49	1.79	1.59	1.55	1.58	2.46	2.65	2.38	1.62	1.55	1.50	1.51	
3	1.85	1.76	1.56	1.53	1.58	2.16	2.17	2.32	1.63	1.55	1.55	1.49	
4	1.59	1.98	1.56	1.51	1.57	2.09	2.05	2.14	1.63	1.55	1.51	1.49	
5	1.55	1.79	1.56	1.52	1.58	1.98	1.97	2.05	1.56	1.57	1.49	1.49	
6	1.57	1.63	1.56	1.51	1.56	1.91	2.15	1.96	1.59	1.55	1.50	1.49	
7	1.56	1.67	1.56	1.53	1.55	1.84	2.08	1.88	1.60	1.61	1.49	1.48	
8	1.55	1.64	1.57	1.58	1.53	1.79	1.98	1.95	1.57	1.56	1.49	1.48	
9	1.54	1.79	1.57	1.60	1.52	1.77	1.93	1.89	1.60	1.56	1.49	1.50	
10	1.53	1.72	1.57	1.64	1.51	1.74	1.86	2.21	1.59	1.57	1.49	1.49	
11	1.68	1.65	1.59	1.61	1.50	1.70	1.79	2.18	1.56	1.77	1.50	1.48	
12	1.79	1.62	1.60	1.59	1.51	1.84	1.85	1.96	1.75	1.56	1.49	1.48	
13	1.61	1.61	1.59	1.60	1.51	1.87	1.81	1.88	1.66	1.55	1.50	1.49	
14	1.58	1.60	1.58	1.59	1.57	2.02	1.83	1.83	1.63	1.53	1.48	1.49	
15	1.56	1.64	1.56	1.57	1.54	2.78	1.82	1.79	1.70	1.54	1.50	1.48	
16	1.83	1.91	1.56	1.57	1.94	2.49	1.81	1.69	1.61	1.53	1.49	1.49	
17	1.63	1.66	1.65	1.58	1.72	2.66	1.78	1.78	1.60	1.53	1.49	1.49	
18	1.57	1.61	1.61	1.60	2.37	2.22	1.87	1.77	1.60	1.56	1.49	1.48	
19	1.56	1.58	1.92	1.60	2.32	1.96	1.86	1.74	1.58	1.55	1.48	1.49	
20	1.54	1.55	1.67	1.56	2.30	1.95	1.80	1.74	1.57	1.54	1.49	1.49	
21	1.54	1.55	1.60	1.73	2.18	1.88	1.75	1.72	1.55	1.54	1.49	1.49	
22	1.55	1.57	1.59	1.60	1.88	1.85	1.73	1.72	1.56	1.54	1.49	1.49	
23	1.56	1.56	1.57	2.08	1.73	1.82	1.67	1.69	1.56	1.52	1.49	1.49	
24	1.53	1.56	1.56	1.65	1.66	1.80	2.35	1.71	1.55	1.52	1.49	1.50	
25	1.54	1.54	1.56	1.62	1.88	1.97	2.13	1.75	1.53	1.51	1.48	1.49	
26	1.94	1.55	1.56	1.60	1.69	2.28	2.55	1.71	1.54	1.50	1.49	1.49	
27	1.62	1.56	1.57	1.58	1.63	1.97	2.71	1.66	1.54	1.50	1.48	1.50	
28	1.61	1.55	1.56	1.60	1.70	1.80	2.52	1.59	1.54	1.49	1.48	1.51	
29	1.57	1.76	1.55	1.58	2.55	1.75	2.14	1.58	1.53	1.49	1.49	1.50	
30	1.57	1.77	1.55	1.59	2.35	2.21	2.15	1.58	1.53	1.49	1.49	1.49	
31		1.78		1.61	2.01		2.09		1.53	1.50		1.49	
Mean	1.60	1.66	1.59	1.60	1.78	2.02	2.04	1.87	1.59	1.54	1.49	1.49	
Max	1.94	1.98	1.92	2.08	2.55	2.78	2.71	2.38	1.75	1.77	1.55	1.51	2.78
Min	1.49	1.54	1.55	1.51	1.50	1.70	1.67	1.58	1.53	1.49	1.48	1.48	1.48
Annual Max Momentary Gage Height	3.21	m. (MSL.) ,						at 18.00 Hours , on Oct 27, 2007					
Zero Gage at Bottom Elevation	0.00	m. (MSL.) ,		River Bed		1.23	m. (MSL.)						
Left Bank Elevation	4.90	m. (MSL.) ,											
Right Bank Elevation	4.89	m. (MSL.) ,		Drainage Are		54	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.32	0.91	0.91	0.56	0.67	3.72	8.42	7.86	0.84	0.49	0.32	0.35	
2	0.32	2.03	0.67	0.53	0.63	8.99	11.25	8.08	0.84	0.53	0.35	0.39	
3	2.58	1.82	0.56	0.46	0.63	5.68	5.79	7.42	0.91	0.53	0.53	0.32	
4	0.67	3.81	0.56	0.39	0.60	4.95	4.53	5.47	0.91	0.53	0.39	0.32	
5	0.53	2.03	0.56	0.42	0.63	3.81	3.72	4.53	0.56	0.60	0.32	0.32	
6	0.60	0.91	0.56	0.39	0.56	3.15	5.58	3.62	0.67	0.53	0.35	0.32	
7	0.56	1.19	0.56	0.46	0.53	2.48	4.84	2.86	0.70	0.77	0.32	0.28	
8	0.53	0.98	0.60	0.63	0.46	2.03	3.81	3.53	0.60	0.56	0.32	0.28	
9	0.49	2.03	0.60	0.70	0.42	1.89	3.34	2.96	0.70	0.56	0.32	0.35	
10	0.46	1.54	0.60	0.98	0.39	1.68	2.67	6.21	0.67	0.60	0.32	0.32	
11	1.26	1.05	0.67	0.77	0.35	1.40	2.03	5.89	0.56	1.89	0.35	0.28	
12	2.03	0.84	0.70	0.67	0.39	2.48	2.58	3.62	1.75	0.56	0.32	0.28	
13	0.77	0.77	0.67	0.70	0.39	2.77	2.20	2.86	1.12	0.53	0.35	0.32	
14	0.63	0.70	0.63	0.67	0.60	4.21	2.39	2.39	0.91	0.46	0.28	0.32	
15	0.56	0.98	0.56	0.60	0.49	12.94	2.29	2.03	1.40	0.49	0.35	0.28	
16	2.39	3.15	0.56	0.60	3.43	9.34	2.20	1.33	0.77	0.46	0.32	0.32	
17	0.91	1.12	1.05	0.63	1.54	11.38	1.96	1.96	0.70	0.46	0.32	0.32	
18	0.60	0.77	0.77	0.70	7.97	6.32	2.77	1.89	0.70	0.56	0.32	0.28	
19	0.56	0.63	3.24	0.70	7.42	3.62	2.67	1.68	0.63	0.53	0.28	0.32	
20	0.49	0.53	1.19	0.56	7.20	3.53	2.10	1.68	0.60	0.49	0.32	0.32	
21	0.49	0.53	0.70	1.61	5.89	2.86	1.75	1.54	0.53	0.49	0.32	0.32	
22	0.53	0.60	0.67	0.70	2.86	2.58	1.61	1.54	0.56	0.49	0.32	0.32	
23	0.56	0.56	0.60	4.84	1.61	2.29	1.19	1.33	0.56	0.42	0.32	0.32	
24	0.46	0.56	0.56	1.05	1.12	2.10	7.75	1.47	0.53	0.42	0.32	0.35	
25	0.49	0.49	0.56	0.84	2.86	3.72	5.37	1.75	0.46	0.39	0.28	0.32	
26	3.43	0.53	0.56	0.70	1.33	6.98	10.03	1.47	0.49	0.35	0.32	0.32	
27	0.84	0.56	0.60	0.63	0.91	3.72	12.03	1.12	0.49	0.35	0.28	0.35	
28	0.77	0.53	0.56	0.70	1.40	2.10	9.68	0.67	0.49	0.32	0.28	0.39	
29	0.60	1.82	0.53	0.63	10.03	1.75	5.47	0.63	0.46	0.32	0.32	0.35	
30	0.60	1.89	0.53	0.67	7.75	6.21	5.58	0.63	0.46	0.32		0.32	
31		1.96		0.77	4.11		4.95		0.46	0.35		0.32	
Total	26.03	37.82	22.09	25.26	75.17	130.68	142.55	90.02	22.03	16.35	9.51	9.97	607.48 CMSDAY
Mean	0.87	1.22	0.74	0.81	2.42	4.36	4.60	3.00	0.71	0.53	0.33	0.32	1.66 CMS
Max	3.43	3.81	3.24	4.84	10.03	12.94	12.03	8.08	1.75	1.89	0.53	0.39	12.94 CMS
Min	0.32	0.49	0.53	0.39	0.35	1.40	1.19	0.63	0.46	0.32	0.28	0.28	0.28 CMS
Runoff	2.25	3.27	1.91	2.18	6.49	11.29	12.32	7.78	1.90	1.41	0.82	0.86	52.49 MCM
Momentary Peak	19.38	CMS. at 3.21 m. (MSL.) at 18.00 Hours , on Oct 27, 2007											
Runoff Yield	30.79	Liters/Second/Square KM. Momentary Peak Yield 358.49 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	1.59	0.68	0.10	0.13	0.25	6.48	0.55	0.03	0.05	0.03	0.10	
2	0.05	1.52	0.43	0.10	0.13	1.41	2.30	0.73	0.03	0.05	0.03	0.10	
3	0.05	1.00	0.25	0.10	0.10	0.88	1.08	0.63	0.03	0.05	0.03	0.08	
4	0.03	1.30	0.18	0.10	0.10	0.88	0.80	0.48	0.03	0.03	0.03	0.10	
5	0.03	0.45	0.18	0.10	0.08	0.58	0.38	0.43	0.03	0.03	0.03	0.08	
6	0.00	0.08	0.15	0.10	0.08	0.48	0.45	0.33	0.03	0.03	0.03	0.05	
7	0.00	0.40	0.13	0.10	0.05	0.40	0.38	0.28	0.03	0.03	0.03	0.10	
8	0.00	0.23	0.13	0.08	0.00	0.33	0.30	0.23	0.03	0.03	0.03	0.08	
9	0.00	1.44	0.08	0.08	0.00	0.33	0.25	0.35	0.05	0.03	0.03	0.05	
10	0.00	1.44	0.08	0.13	0.00	0.30	0.25	0.28	0.05	0.03	0.03	0.03	
11	0.00	0.75	0.03	0.10	0.00	0.28	0.23	0.53	0.05	0.03	0.03	0.00	
12	2.15	0.48	0.00	0.08	0.00	0.25	0.20	0.25	0.05	0.03	0.03	0.00	
13	1.22	0.35	0.00	0.10	0.00	1.50	0.18	0.23	0.10	0.00	0.03	0.00	
14	0.90	0.93	0.13	0.08	0.00	0.73	0.15	0.18	0.10	0.03	0.00	0.03	
15	0.68	1.06	0.10	0.08	0.00	1.41	0.13	0.15	0.10	0.05	0.05	0.03	
16	0.25	1.03	0.13	0.08	0.23	0.70	0.10	0.13	0.10	0.08	0.08	0.00	
17	0.18	0.53	0.15	0.08	0.30	0.38	0.10	0.13	0.10	0.05	0.05	0.03	
18	0.10	0.33	0.08	0.10	0.73	0.70	0.08	0.13	0.10	0.03	0.00	0.08	
19	0.10	0.28	1.08	0.10	1.08	0.38	0.08	0.25	0.10	0.00	0.05	0.08	
20	0.10	0.20	0.48	0.10	1.44	0.23	0.05	0.13	0.10	0.00	0.13	0.05	
21	0.10	0.15	0.25	0.13	2.15	0.23	0.05	0.13	0.08	0.13	0.08	0.05	
22	0.08	0.15	0.05	0.13	0.90	0.18	0.05	0.10	0.05	0.10	0.05	0.05	
23	0.08	0.13	0.00	0.63	0.63	0.15	0.15	0.08	0.05	0.10	0.05	0.03	
24	0.08	0.08	0.00	0.48	2.47	0.13	0.55	0.05	0.05	0.08	0.05	0.05	
25	0.08	0.03	0.08	0.15	0.98	0.30	2.11	0.03	0.05	0.08	0.13	0.13	
26	0.20	0.03	0.13	0.25	0.78	4.69	2.23	0.05	0.05	0.08	0.23	0.08	
27	0.13	0.00	0.13	0.18	0.65	4.20	2.34	0.05	0.05	0.05	0.08	0.05	
28	0.13	0.00	0.10	0.25	1.08	4.03	2.08	0.05	0.05	0.05	0.05	0.05	
29	0.10	0.70	0.10	0.18	2.90	3.70	1.11	0.05	0.05	0.05	0.08	0.05	
30	0.40	0.58	0.10	0.28	2.43	7.24	0.90	0.05	0.05	0.03		0.03	
31		2.04		0.18	1.11		0.65		0.05	0.03		0.03	
Total	7.27	19.28	5.41	4.73	20.53	37.25	26.19	7.04	1.82	1.44	1.55	1.67	134.18 CMSDAY
Mean	0.24	0.62	0.18	0.15	0.66	1.24	0.84	0.23	0.06	0.05	0.05	0.05	0.37 CMS
Max	2.15	2.04	1.08	0.63	2.90	7.24	6.48	0.73	0.10	0.13	0.23	0.13	7.24 CMS
Min	0.00	0.00	0.00	0.08	0.00	0.13	0.05	0.03	0.03	0.00	0.00	0.00	0.00 CMS
Runoff	0.63	1.67	0.47	0.41	1.77	3.22	2.26	0.61	0.16	0.12	0.13	0.14	11.59 MCM
Momentary Peak	8.94 CMS. at 4.29 m. (MSL.) at 15.00 Hours , on Sep 30, 2007												
Runoff Yield	61.27 Liters/Second/Square KM. Momentary Peak Yield 1490.00 Liters/Second/Square KM.												

WATER YEAR : 2007
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. (MSL.)				
Bench Mark	B.M.-H.D.					
Location BM	Near the top staff gage.				Elevation	+20.010 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	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 24 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.80	16.23	16.10	16.13	16.40	16.32	16.92	16.48	16.06	15.86	15.79	15.80	
2	15.76	16.09	16.08	16.17	16.36	16.29	17.46	16.48	16.04	15.86	15.79	15.86	
3	15.74	16.07	16.07	16.14	16.28	16.26	17.11	16.56	16.02	15.86	15.78	15.84	
4	15.74	16.31	16.04	16.11	16.22	16.59	16.90	16.58	16.00	15.84	15.78	15.82	
5	15.78	16.16	16.11	16.21	16.20	16.43	16.69	16.46	16.00	15.84	15.78	15.82	
6	15.80	16.06	16.16	16.53	16.18	16.26	17.08	16.42	16.00	15.84	15.78	15.79	
7	15.87	16.13	16.22	16.46	16.16	16.21	18.20	16.40	16.00	15.84	15.78	15.77	
8	15.84	16.24	16.12	16.37	16.26	16.17	16.94	16.36	16.00	15.84	15.77	15.76	
9	15.78	16.35	16.06	16.78	16.24	16.15	16.77	16.31	16.00	15.84	15.77	15.74	
10	16.10	16.72	16.04	16.94	16.22	16.16	16.60	16.28	16.00	15.84	15.77	15.72	
11	16.03	16.62	16.04	16.96	16.19	16.20	16.52	16.26	16.00	15.84	15.77	15.80	
12	15.92	16.42	16.06	16.78	16.12	16.57	16.54	16.26	16.00	15.84	15.77	15.81	
13	15.93	16.28	16.08	16.64	16.12	17.15	16.64	16.26	16.00	15.84	15.77	15.92	
14	15.96	16.26	16.13	16.65	16.20	16.66	16.64	16.26	16.00	15.84	15.77	15.86	
15	15.93	16.27	16.18	16.52	16.20	17.75	16.73	16.26	16.00	15.83	15.77	15.83	
16	15.96	16.32	16.19	16.48	17.02	17.42	16.71	16.24	15.98	15.82	15.77	15.80	
17	16.00	16.24	16.12	16.41	17.66	17.77	16.64	16.24	15.96	15.82	15.77	15.79	
18	15.98	16.22	16.13	16.34	17.31	17.16	16.56	16.22	15.94	15.82	15.76	15.76	
19	15.96	16.18	16.51	16.26	17.64	17.14	16.54	16.20	15.85	15.82	15.76	15.75	
20	15.94	16.15	16.89	16.46	17.74	16.76	16.52	16.20	15.84	15.80	15.76	15.75	
21	15.94	16.11	16.49	16.64	18.48	16.62	16.50	16.36	15.84	15.81	15.76	15.77	
22	15.92	16.09	16.34	16.57	17.42	16.53	16.48	16.33	15.84	15.80	15.76	15.77	
23	16.00	16.06	16.27	16.75	16.97	16.52	16.46	16.26	15.84	15.80	15.76	15.77	
24	16.08	16.04	16.22	16.62	16.72	16.58	16.42	16.20	15.84	15.80	15.75	15.78	
25	16.06	16.02	16.24	16.85	16.56	17.12	16.34	16.18	15.84	15.79	15.76	15.80	
26	16.04	16.00	16.61	16.59	16.47	17.10	16.27	16.16	15.86	15.79	16.03	15.79	
27	16.08	15.98	16.56	16.60	16.34	16.66	17.09	16.14	15.94	15.79	15.86	15.78	
28	16.09	16.00	16.44	16.60	16.29	16.52	16.64	16.12	15.91	15.79	15.80	15.78	
29	16.13	16.00	16.27	16.54	16.43	16.47	16.55	16.10	15.89	15.79	15.80	15.80	
30	16.41	16.00	16.15	16.53	16.56	16.50	16.47	16.08	15.85	15.79		15.82	
31		16.10		16.52	16.42		16.46		15.86	15.79		15.84	
Mean	15.95	16.18	16.23	16.52	16.63	16.67	16.72	16.29	15.94	15.82	15.78	15.80	
Max	16.41	16.72	16.89	16.96	18.48	17.77	18.20	16.58	16.06	15.86	16.03	15.92	18.48
Min	15.74	15.98	16.04	16.11	16.12	16.15	16.27	16.08	15.84	15.79	15.75	15.72	15.72
Annual Max Momentary Gage Height	19.10		m. (MSL.) ,				at 06.00 Hours ,	on Aug 21, 2007					
Zero Gage at Bottom Elevation		0.00	m. (MSL.) ,			River Bed	15.16	m. (MSL.)					
Left Bank Elevation		19.93	m. (MSL.) ,										
Right Bank Elevation		19.91	m. (MSL.) ,			Drainage Are	139	Square Kilometers					

WATER YEAR : 2007**SOUTHERN PENINSULA WEST COAST****Khlong Had Sompan at Ban Had Sompan, Ranong (X.204)**

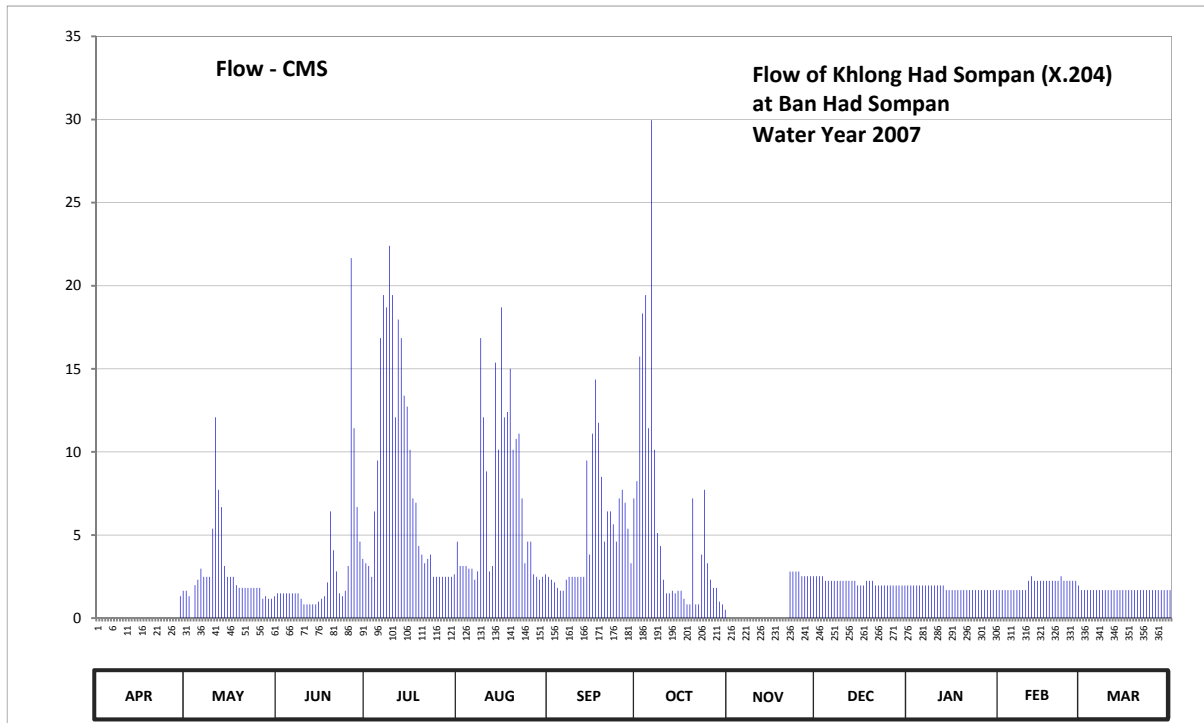
Lat 09 - 56 - 57 N Long 98 - 41 - 46 E

Location : on left bank at Ban Hat Sompan.

	Ban	Had Sompan	Amphoe	Mueang	Changwat	Ranong
Drainage Area	23	sq.km.				
Type of Gage	Water - stage recorder.					
Zero Gage at Bottom	+133.050 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	Near the top staff gage.				Elevation	+137.648 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	Rather unstable by some scouring.					
Overbank Flow Conditions	No overbank flow.					
General Description	Records poor. Stage-discharge relation defined by 23 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	133.37	133.50	133.49	133.60	133.65	133.55	133.79	133.15	133.09	133.07	133.06	133.06	
2	133.39	133.48	133.49	133.59	133.59	133.54	134.02	133.14	133.09	133.07	133.06	133.06	
3	133.35	133.37	133.49	133.55	133.59	133.53	134.09	133.14	133.09	133.07	133.06	133.06	
4	133.37	133.52	133.49	133.72	133.59	133.51	134.12	133.13	133.08	133.07	133.06	133.06	
5	133.37	133.54	133.49	133.83	133.58	133.50	133.89	133.14	133.08	133.07	133.06	133.06	
6	133.37	133.58	133.49	134.05	133.58	133.50	134.38	133.14	133.08	133.07	133.06	133.06	
7	133.38	133.55	133.49	134.12	133.54	133.54	133.85	133.19	133.08	133.07	133.06	133.06	
8	133.37	133.55	133.49	134.10	133.57	133.55	133.67	133.14	133.08	133.07	133.06	133.06	
9	133.35	133.55	133.47	134.20	134.05	133.55	133.64	133.15	133.08	133.07	133.06	133.06	
10	133.34	133.68	133.45	134.12	133.91	133.55	133.54	133.14	133.08	133.07	133.06	133.06	
11	133.34	133.91	133.45	133.91	133.81	133.55	133.49	133.14	133.08	133.07	133.08	133.06	
12	133.36	133.77	133.45	134.08	133.57	133.55	133.49	133.17	133.08	133.07	133.09	133.06	
13	133.36	133.73	133.45	134.05	133.59	133.55	133.50	133.15	133.08	133.07	133.08	133.06	
14	133.36	133.59	133.45	133.95	134.01	133.83	133.49	133.14	133.08	133.06	133.08	133.06	
15	133.36	133.55	133.46	133.93	133.85	133.62	133.50	133.14	133.07	133.06	133.08	133.06	
16	133.36	133.55	133.47	133.85	134.10	133.88	133.50	133.15	133.07	133.06	133.08	133.06	
17	133.36	133.55	133.48	133.75	133.91	133.98	133.47	133.14	133.07	133.06	133.08	133.06	
18	133.36	133.52	133.53	133.74	133.92	133.90	133.45	133.14	133.08	133.06	133.08	133.06	
19	133.36	133.51	133.72	133.64	134.00	133.80	133.45	133.13	133.08	133.06	133.08	133.06	
20	133.36	133.51	133.63	133.62	133.85	133.65	133.75	133.13	133.08	133.06	133.08	133.06	
21	133.36	133.51	133.57	133.60	133.87	133.72	133.45	133.10	133.07	133.06	133.08	133.06	
22	133.36	133.51	133.49	133.61	133.88	133.72	133.45	133.10	133.07	133.06	133.09	133.06	
23	133.36	133.51	133.48	133.62	133.75	133.69	133.62	133.10	133.07	133.06	133.08	133.06	
24	133.36	133.51	133.50	133.55	133.60	133.65	133.77	133.10	133.07	133.06	133.08	133.06	
25	133.39	133.51	133.59	133.55	133.65	133.75	133.60	133.10	133.07	133.06	133.08	133.06	
26	133.40	133.51	134.18	133.55	133.65	133.77	133.54	133.09	133.07	133.06	133.08	133.06	
27	133.40	133.47	133.89	133.55	133.56	133.74	133.51	133.09	133.07	133.06	133.08	133.06	
28	133.40	133.48	133.73	133.55	133.55	133.68	133.51	133.09	133.07	133.06	133.07	133.06	
29	133.48	133.47	133.65	133.55	133.54	133.60	133.46	133.09	133.07	133.06	133.12	133.06	
30	133.50	133.47	133.61	133.55	133.55	133.75	133.45	133.09	133.07	133.06		133.06	
31		133.48		133.56	133.56		133.43		133.07	133.06		133.06	
Mean	133.38	133.55	133.55	133.76	133.72	133.66	133.64	133.13	133.08	133.06	133.07	133.06	
Max	133.50	133.91	134.18	134.20	134.10	133.98	134.38	133.19	133.09	133.07	133.12	133.06	134.38
Min	133.34	133.37	133.45	133.55	133.54	133.50	133.43	133.09	133.07	133.06	133.06	133.06	133.06
Annual Max Momentary Gage Height	134.90	m. (MSL.) ,		at 09.00 Hours , on Oct 6 , 2007									
Zero Gage at Bottom Elevation	133.05	m. (MSL.) ,		River Bed 132.96 m. (MSL.)									
Left Bank Elevation		137.62	m. (MSL.) ,										
Right Bank Elevation		137.62	m. (MSL.) ,		Drainage Are	23	Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	1.65	1.49	3.30	4.60	2.48	8.24	0.00	2.52	1.96	1.68	1.68	
2	0.00	1.32	1.49	3.14	3.14	2.31	15.74	0.00	2.52	1.96	1.68	1.68	
3	0.00	0.00	1.49	2.48	3.14	2.15	18.33	0.00	2.52	1.96	1.68	1.68	
4	0.00	1.98	1.49	6.42	3.14	1.82	19.44	0.00	2.24	1.96	1.68	1.68	
5	0.00	2.31	1.49	9.48	2.97	1.65	11.43	0.00	2.24	1.96	1.68	1.68	
6	0.00	2.97	1.49	16.85	2.97	1.65	29.96	0.00	2.24	1.96	1.68	1.68	
7	0.00	2.48	1.49	19.44	2.31	2.31	10.13	0.00	2.24	1.96	1.68	1.68	
8	0.00	2.48	1.49	18.70	2.81	2.48	5.12	0.00	2.24	1.96	1.68	1.68	
9	0.00	2.48	1.16	22.40	16.85	2.48	4.34	0.00	2.24	1.96	1.68	1.68	
10	0.00	5.38	0.83	19.44	12.08	2.48	2.31	0.00	2.24	1.96	1.68	1.68	
11	0.00	12.08	0.83	12.08	8.83	2.48	1.49	0.00	2.24	1.96	2.24	1.68	
12	0.00	7.72	0.83	17.96	2.81	2.48	1.49	0.00	2.24	1.96	2.52	1.68	
13	0.00	6.68	0.83	16.85	3.14	2.48	1.65	0.00	2.24	1.96	2.24	1.68	
14	0.00	3.14	0.83	13.38	15.37	9.48	1.49	0.00	2.24	1.68	2.24	1.68	
15	0.00	2.48	0.99	12.73	10.13	3.82	1.65	0.00	1.96	1.68	2.24	1.68	
16	0.00	2.48	1.16	10.13	18.70	11.10	1.65	0.00	1.96	1.68	2.24	1.68	
17	0.00	2.48	1.32	7.20	12.08	14.35	1.16	0.00	1.96	1.68	2.24	1.68	
18	0.00	1.98	2.15	6.94	12.40	11.75	0.83	0.00	2.24	1.68	2.24	1.68	
19	0.00	1.82	6.42	4.34	15.00	8.50	0.83	0.00	2.24	1.68	2.24	1.68	
20	0.00	1.82	4.08	3.82	10.13	4.60	7.20	0.00	2.24	1.68	2.24	1.68	
21	0.00	1.82	2.81	3.30	10.78	6.42	0.83	0.00	1.96	1.68	2.24	1.68	
22	0.00	1.82	1.49	3.56	11.10	6.42	0.83	2.80	1.96	1.68	2.52	1.68	
23	0.00	1.82	1.32	3.82	7.20	5.64	3.82	2.80	1.96	1.68	2.24	1.68	
24	0.00	1.82	1.65	2.48	3.30	4.60	7.72	2.80	1.96	1.68	2.24	1.68	
25	0.00	1.82	3.14	2.48	4.60	7.20	3.30	2.80	1.96	1.68	2.24	1.68	
26	0.00	1.82	21.66	2.48	4.60	7.72	2.31	2.52	1.96	1.68	2.24	1.68	
27	0.00	1.16	11.43	2.48	2.64	6.94	1.82	2.52	1.96	1.68	2.24	1.68	
28	0.00	1.32	6.68	2.48	2.48	5.38	1.82	2.52	1.96	1.68	1.96	1.68	
29	1.32	1.16	4.60	2.48	2.31	3.30	0.99	2.52	1.96	1.68	3.40	1.68	
30	1.65	1.16	3.56	2.48	2.48	7.20	0.83	2.52	1.96	1.68		1.68	
31		1.32		2.64	2.64		0.50		1.96	1.68		1.68	
Total	2.97	82.77	91.69	257.76	216.73	153.67	169.25	23.80	66.36	55.72	60.80	52.08	1233.60 CMSDAY
Mean	0.10	2.67	3.06	8.31	6.99	5.12	5.46	0.79	2.14	1.80	2.10	1.68	3.37 CMS
Max	1.65	12.08	21.66	22.40	18.70	14.35	29.96	2.80	2.52	1.96	3.40	1.68	29.96 CMS
Min	0.00	0.00	0.83	2.48	2.31	1.65	0.50	0.00	1.96	1.68	1.68	1.68	0.00 CMS
Runoff	0.26	7.15	7.92	22.27	18.73	13.28	14.62	2.06	5.73	4.81	5.25	4.50	106.58 MCM
Momentary Peak		66.50	CMS.	at 134.90 m. (MSL.)	at 09.00 Hours		on Oct 6, 2007						
Runoff Yield		146.44	Liters/Second/Square KM.		Momentary Peak Yield	2881.28	Liters/Second/Square KM.						

WATER YEAR : 2007
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. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.	Elevation	+6.423 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	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 23 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.76	0.29	0.84	0.98	2.05	0.96	1.43	0.96	0.72	0.22	0.10	0.10	
2	0.93	0.89	0.67	1.00	1.30	0.96	2.19	0.96	0.80	0.22	0.10	0.10	
3	0.90	0.70	0.68	1.02	1.67	0.96	2.39	0.96	0.71	0.22	0.10	0.10	
4	0.76	0.96	0.67	1.53	1.11	0.96	2.23	1.07	0.81	0.22	0.10	0.10	
5	0.76	0.06	0.60	1.60	0.95	0.96	2.13	1.12	0.71	0.22	0.10	0.10	
6	0.76	1.54	0.77	2.38	0.95	1.03	4.25	1.11	0.86	0.22	0.71	0.10	
7	0.76	1.07	0.77	2.40	1.04	1.03	2.69	1.34	0.86	0.20	0.54	0.10	
8	0.76	0.91	0.26	3.79	1.07	1.03	1.75	1.46	0.71	0.20	0.85	0.74	
9	0.76	0.76	0.12	2.36	1.84	0.98	0.86	1.11	0.51	0.20	0.81	0.45	
10	0.76	1.50	0.14	2.61	3.48	1.22	1.44	1.90	0.63	0.20	0.72	0.43	
11	0.90	1.15	0.38	2.46	1.58	1.04	1.47	1.85	0.78	0.20	0.69	0.43	
12	0.91	1.20	0.65	1.93	1.37	0.99	0.73	1.26	0.76	0.20	0.73	0.43	
13	1.16	1.21	0.80	2.32	1.60	1.05	1.05	1.67	0.88	0.49	0.65	0.43	
14	1.35	1.20	0.88	2.17	1.71	1.59	1.13	1.60	0.78	0.20	0.73	0.43	
15	1.35	0.84	0.55	1.87	1.63	1.08	1.06	1.49	0.73	0.20	0.70	0.43	
16	0.75	0.79	0.50	1.71	1.83	1.13	0.86	1.03	0.55	0.20	0.77	0.43	
17	0.89	0.55	0.63	1.59	2.80	1.12	0.86	0.97	0.57	0.20	0.09	0.43	
18	0.94	0.79	0.79	1.28	1.48	1.79	0.86	0.95	0.60	0.14	0.25	0.73	
19	1.40	0.90	0.68	1.46	1.35	1.84	0.86	0.83	0.46	0.14	0.33	0.73	
20	0.58	0.75	0.56	1.36	1.43	1.23	0.94	0.83	0.52	0.14	0.55	0.72	
21	0.73	0.89	0.48	1.13	1.20	1.45	0.86	1.17	0.43	0.21	0.78	0.69	
22	0.68	0.73	0.43	0.41	1.19	1.55	1.23	1.46	0.41	0.14	0.93	0.58	
23	0.16	0.46	0.30	0.81	1.15	1.47	1.04	1.04	0.24	0.14	0.93	0.64	
24	0.16	0.60	0.23	0.81	0.96	1.47	3.65	1.49	0.22	0.14	0.79	0.69	
25	0.16	0.32	0.10	0.85	1.22	1.57	2.85	1.48	0.29	0.14	0.55	0.72	
26	0.16	0.10	2.04	0.56	1.07	1.40	1.45	1.08	0.23	0.14	0.51	0.75	
27	0.16	0.32	0.90	1.04	1.13	1.79	1.49	1.55	0.23	0.14	0.44	0.79	
28	0.16	0.32	0.82	1.41	1.11	1.60	1.44	0.98	0.23	0.14	0.25	0.76	
29	0.16	0.32	0.93	0.64	1.20	1.62	1.44	1.07	0.23	0.14	0.26	0.80	
30	0.16	0.66	0.83	1.19	1.45	1.61	1.19	1.01	0.23	0.14		0.58	
31		0.32		1.49	1.22		1.08		0.23	0.14		0.66	
Mean	0.69	0.75	0.63	1.55	1.46	1.28	1.58	1.23	0.55	0.19	0.52	0.49	
Max	1.40	1.54	2.04	3.79	3.48	1.84	4.25	1.90	0.88	0.49	0.93	0.80	4.25
Min	0.16	0.06	0.10	0.41	0.95	0.96	0.73	0.83	0.22	0.14	0.09	0.10	0.06
Annual Max Momentary Gage Height	4.86												at 18.00 Hours , on Oct 6 , 2007
Zero Gage at Bottom Elevation	0.00												River Bed -0.73 m. (MSL.)
Left Bank Elevation		6.91											m. (MSL.) ,
Right Bank Elevation		7.21											m. (MSL.) ,
Drainage Area						229							Square Kilometers

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Bang Rin at Ban Bang Rin, Ranong (X.206)

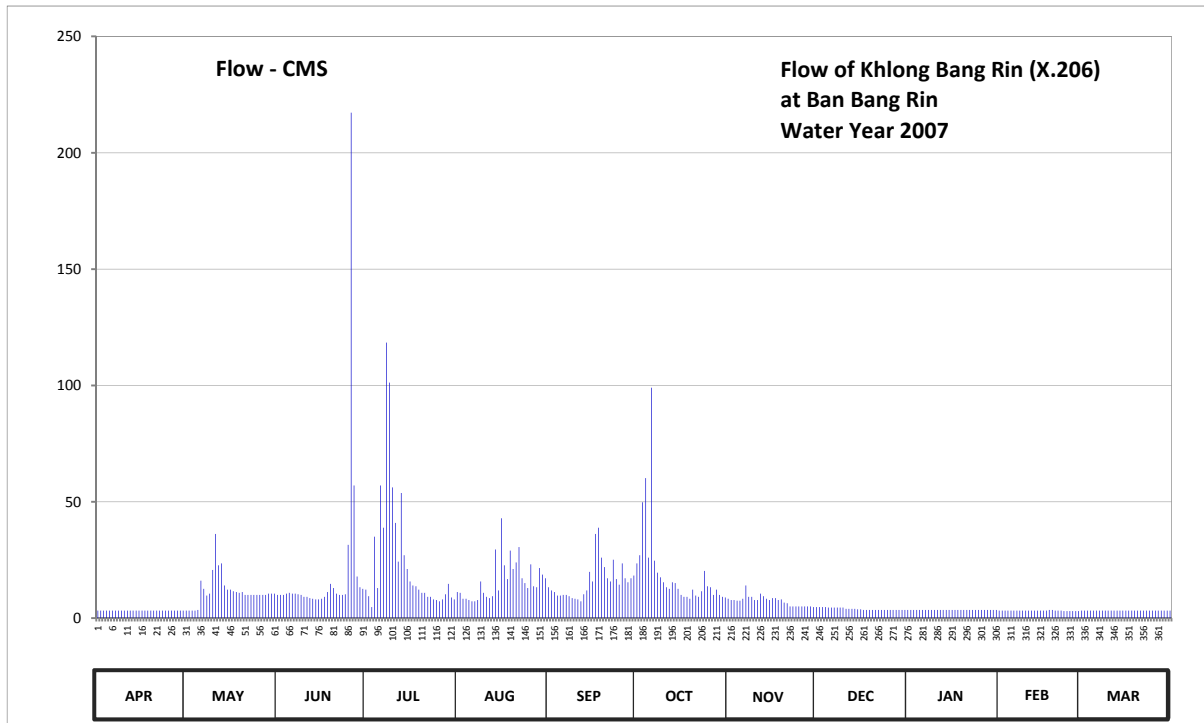
Lat 09 - 54 - 54 N Long 98 - 37 - 59 E

Location : on right bank at the bridge.

	Ban	Bang Rin	Amphoe	Mueang	Changwat	Ranong
Drainage Area	95	sq.km.				
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	+7.112 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	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 23 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.53	1.53	1.78	1.85	1.82	1.88	2.15	1.72	1.59	1.54	1.53	1.53	
2	1.53	1.53	1.78	1.76	1.81	1.84	2.23	1.70	1.59	1.54	1.53	1.53	
3	1.53	1.53	1.78	1.59	1.72	1.82	2.61	1.70	1.59	1.54	1.53	1.53	
4	1.53	1.53	1.80	2.39	1.72	1.77	2.74	1.69	1.59	1.54	1.53	1.53	
5	1.53	1.54	1.81	1.87	1.70	1.77	2.21	1.69	1.58	1.54	1.53	1.53	
6	1.53	1.96	1.80	2.70	1.68	1.78	3.14	1.72	1.58	1.54	1.53	1.53	
7	1.53	1.86	1.80	2.45	1.68	1.78	2.18	1.90	1.58	1.54	1.53	1.53	
8	1.53	1.77	1.79	3.31	1.70	1.76	2.05	1.75	1.58	1.54	1.53	1.53	
9	1.53	1.80	1.78	3.16	1.95	1.73	2.00	1.75	1.58	1.54	1.53	1.53	
10	1.53	2.08	1.75	2.69	1.81	1.72	1.94	1.70	1.58	1.54	1.53	1.53	
11	1.53	2.41	1.75	2.48	1.75	1.71	1.88	1.70	1.56	1.54	1.53	1.53	
12	1.53	2.13	1.73	2.17	1.73	1.68	1.86	1.80	1.56	1.54	1.53	1.53	
13	1.53	2.15	1.72	2.66	1.76	1.79	1.94	1.76	1.56	1.54	1.53	1.53	
14	1.53	1.90	1.71	2.23	2.28	1.84	1.93	1.72	1.56	1.54	1.53	1.53	
15	1.53	1.85	1.71	2.09	1.84	2.06	1.86	1.70	1.55	1.54	1.53	1.53	
16	1.53	1.85	1.72	1.95	2.51	1.95	1.78	1.73	1.55	1.54	1.53	1.53	
17	1.53	1.83	1.75	1.90	2.13	2.41	1.75	1.73	1.54	1.54	1.53	1.53	
18	1.53	1.82	1.82	1.89	1.98	2.45	1.75	1.70	1.54	1.54	1.54	1.53	
19	1.53	1.81	1.92	1.85	2.27	2.21	1.72	1.71	1.54	1.54	1.54	1.53	
20	1.53	1.82	1.87	1.81	2.09	2.11	1.85	1.66	1.54	1.54	1.53	1.53	
21	1.53	1.78	1.80	1.81	2.16	1.99	1.77	1.65	1.54	1.54	1.53	1.53	
22	1.53	1.78	1.78	1.75	2.30	1.95	1.75	1.60	1.54	1.54	1.53	1.53	
23	1.53	1.78	1.78	1.75	1.99	2.19	1.83	1.60	1.54	1.54	1.52	1.53	
24	1.53	1.78	1.79	1.71	1.93	1.98	2.07	1.60	1.54	1.54	1.52	1.53	
25	1.53	1.78	2.32	1.70	1.87	1.91	1.89	1.60	1.54	1.54	1.52	1.53	
26	1.53	1.78	4.02	1.68	2.14	2.15	1.88	1.60	1.54	1.54	1.52	1.53	
27	1.53	1.78	2.70	1.71	1.89	1.99	1.78	1.60	1.54	1.54	1.52	1.53	
28	1.53	1.78	2.01	1.79	1.88	1.94	1.85	1.60	1.54	1.54	1.52	1.53	
29	1.53	1.80	1.88	1.92	2.10	1.99	1.78	1.60	1.54	1.54	1.53	1.53	
30	1.53	1.80	1.86	1.74	2.03	2.02	1.75	1.59	1.54	1.54	1.54	1.53	
31		1.80		1.71	1.99		1.74		1.54	1.54		1.53	
Mean	1.53	1.82	1.92	2.07	1.94	1.94	1.99	1.69	1.56	1.54	1.53	1.53	
Max	1.53	2.41	4.02	3.31	2.51	2.45	3.14	1.90	1.59	1.54	1.54	1.53	4.02
Min	1.53	1.53	1.71	1.59	1.68	1.68	1.72	1.59	1.54	1.54	1.52	1.53	1.52
Annual Max Momentary Gage Height	4.50		m. (MSL.) ,				at 22.00 Hours , on Jun 25 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -0.49 m. (MSL.)						
Left Bank Elevation		8.66	m. (MSL.) ,										
Right Bank Elevation		8.64	m. (MSL.) ,				Drainage Are 95 Square Kilometers						



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.25	3.25	9.95	12.25	11.20	13.30	23.50	8.30	4.75	3.50	3.25	3.25	
2	3.25	3.25	9.95	9.40	10.85	11.90	27.00	7.75	4.75	3.50	3.25	3.25	
3	3.25	3.25	9.95	4.75	8.30	11.20	49.80	7.75	4.75	3.50	3.25	3.25	
4	3.25	3.25	10.50	35.00	8.30	9.68	60.20	7.48	4.75	3.50	3.25	3.25	
5	3.25	3.50	10.85	12.95	7.75	9.68	26.00	7.48	4.50	3.50	3.25	3.25	
6	3.25	16.10	10.50	57.00	7.20	9.95	99.05	8.30	4.50	3.50	3.25	3.25	
7	3.25	12.60	10.50	38.88	7.20	9.95	24.70	14.00	4.50	3.50	3.25	3.25	
8	3.25	9.68	10.23	118.43	7.75	9.40	19.50	9.13	4.50	3.50	3.25	3.25	
9	3.25	10.50	9.95	101.20	15.75	8.58	17.50	9.13	4.50	3.50	3.25	3.25	
10	3.25	20.70	9.13	56.20	10.85	8.30	15.40	7.75	4.50	3.50	3.25	3.25	
11	3.25	36.18	9.13	40.90	9.13	8.03	13.30	7.75	4.00	3.50	3.25	3.25	
12	3.25	22.70	8.58	24.30	8.58	7.20	12.60	10.50	4.00	3.50	3.25	3.25	
13	3.25	23.50	8.30	53.80	9.40	10.23	15.40	9.40	4.00	3.50	3.25	3.25	
14	3.25	14.00	8.03	27.00	29.50	11.90	15.05	8.30	4.00	3.50	3.25	3.25	
15	3.25	12.25	8.03	21.10	11.90	19.90	12.60	7.75	3.75	3.50	3.25	3.25	
16	3.25	12.25	8.30	15.75	42.93	15.75	9.95	8.58	3.75	3.50	3.25	3.25	
17	3.25	11.55	9.13	14.00	22.70	36.18	9.13	8.58	3.50	3.50	3.25	3.25	
18	3.25	11.20	11.20	13.65	16.80	38.88	9.13	7.75	3.50	3.50	3.50	3.25	
19	3.25	10.85	14.70	12.25	29.00	26.00	8.30	8.03	3.50	3.50	3.50	3.25	
20	3.25	11.20	12.95	10.85	21.10	21.90	12.25	6.65	3.50	3.50	3.25	3.25	
21	3.25	9.95	10.50	10.85	23.90	17.15	9.68	6.38	3.50	3.50	3.25	3.25	
22	3.25	9.95	9.95	9.13	30.50	15.75	9.13	5.00	3.50	3.50	3.25	3.25	
23	3.25	9.95	9.95	9.13	17.15	25.10	11.55	5.00	3.50	3.50	3.00	3.25	
24	3.25	9.95	10.23	8.03	15.05	16.80	20.30	5.00	3.50	3.50	3.00	3.25	
25	3.25	9.95	31.50	7.75	12.95	14.35	13.65	5.00	3.50	3.50	3.00	3.25	
26	3.25	9.95	217.20	7.20	23.10	23.50	13.30	5.00	3.50	3.50	3.00	3.25	
27	3.25	9.95	57.00	8.03	13.65	17.15	9.95	5.00	3.50	3.50	3.00	3.25	
28	3.25	9.95	17.90	10.23	13.30	15.40	12.25	5.00	3.50	3.50	3.00	3.25	
29	3.25	10.50	13.30	14.70	21.50	17.15	9.95	5.00	3.50	3.50	3.25	3.25	
30	3.25	10.50	12.60	8.85	18.70	18.30	9.13	4.75	3.50	3.50		3.25	
31		10.50		8.03	17.15		8.85		3.50	3.50		3.25	
Total	97.50	362.86	589.99	781.59	503.14	478.56	608.10	221.49	122.00	108.50	93.25	100.75	4067.73 CMSDAY
Mean	3.25	11.71	19.67	25.21	16.23	15.95	19.62	7.38	3.94	3.50	3.22	3.25	11.11 CMS
Max	3.25	36.18	217.20	118.43	42.93	38.88	99.05	14.00	4.75	3.50	3.50	3.25	217.20 CMS
Min	3.25	3.25	8.03	4.75	7.20	7.20	8.30	4.75	3.50	3.50	3.00	3.25	3.00 CMS
Runoff	8.42	31.35	50.98	67.53	43.47	41.35	52.54	19.14	10.54	9.37	8.06	8.70	351.45 MCM
Momentary Peak	299.50 CMS. at 4.50 m. (MSL.) at 22.00 Hours , on Jun 25 , 2007												
Runoff Yield	117.15 Liters/Second/Square KM.			Momentary Peak Yield 3148.32 Liters/Second/Square KM.									

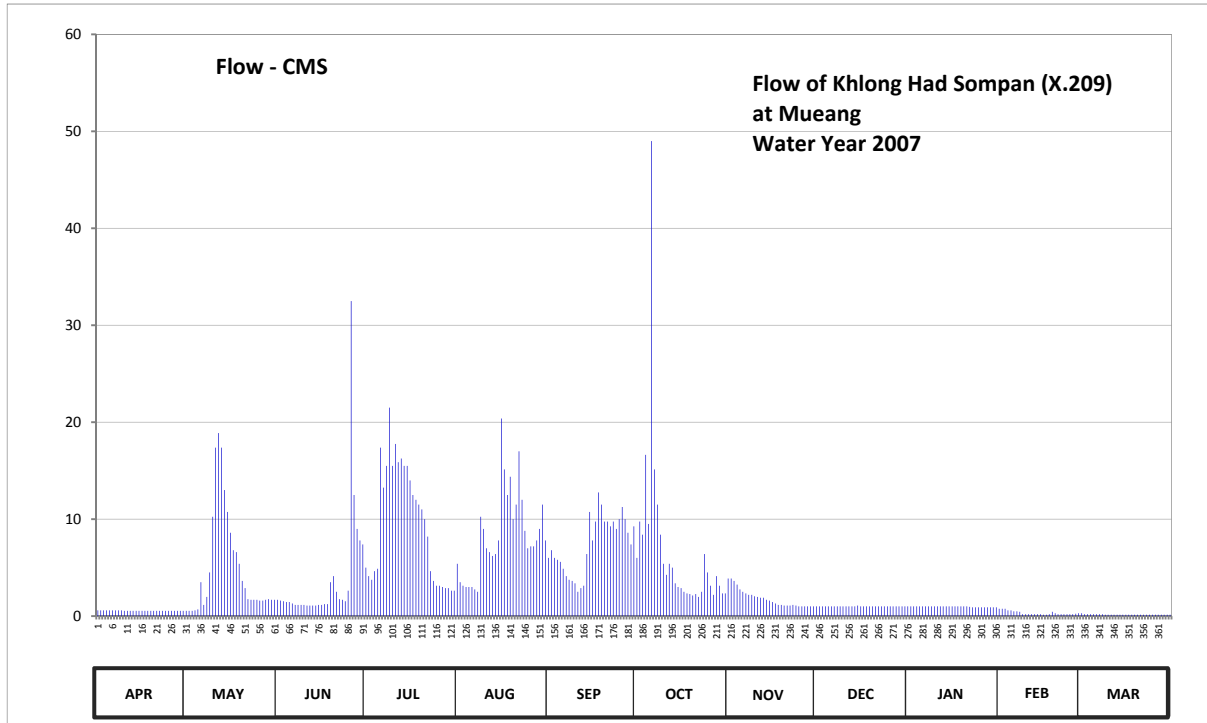
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong Had Sompan at Mueang, Ranong (X.209)
Lat 09 - 57 - 34 N Long 98 - 38 - 52 E

Location : on right bank at the bridge.

	Ban -	Amphoe Mueang	Changwat Ranong
Drainage Area	19	sq.km.	
Type of Gage	Water - stage recorder.		
Zero Gage at Bottom	+0.000 m. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	Near the top staff gage.		Elevation +13.823 m. (MSL.)
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 poor. Stage-discharge relation defined by 20 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.92	7.91	8.09	8.40	8.42	8.45	8.45	8.31	8.00	8.00	7.95	7.86	
2	7.92	7.91	8.08	8.33	8.28	8.49	8.63	8.31	8.00	8.00	7.95	7.84	
3	7.92	7.91	8.07	8.30	8.25	8.45	8.57	8.29	8.00	8.00	7.95	7.84	
4	7.92	7.92	8.06	8.37	8.24	8.44	8.87	8.26	8.00	8.00	7.92	7.84	
5	7.92	7.94	8.06	8.39	8.24	8.43	8.62	8.22	8.00	8.00	7.92	7.84	
6	7.92	8.28	8.04	8.89	8.24	8.39	9.42	8.20	8.00	8.00	7.90	7.84	
7	7.92	8.02	8.02	8.77	8.22	8.33	8.83	8.18	8.00	8.00	7.90	7.84	
8	7.92	8.13	8.02	8.84	8.20	8.30	8.70	8.16	8.00	8.00	7.89	7.84	
9	7.92	8.36	8.02	9.00	8.65	8.29	8.57	8.16	8.00	8.00	7.84	7.83	
10	7.91	8.65	8.02	8.84	8.60	8.27	8.42	8.14	8.00	8.00	7.84	7.83	
11	7.91	8.89	8.01	8.90	8.50	8.20	8.34	8.13	8.00	8.00	7.84	7.83	
12	7.91	8.93	8.01	8.85	8.48	8.23	8.42	8.12	8.00	8.00	7.84	7.83	
13	7.91	8.89	8.01	8.86	8.46	8.25	8.40	8.12	8.00	8.00	7.84	7.83	
14	7.91	8.76	8.01	8.84	8.47	8.47	8.27	8.09	8.00	8.00	7.84	7.83	
15	7.91	8.67	8.02	8.84	8.54	8.67	8.24	8.08	8.01	8.00	7.84	7.83	
16	7.91	8.58	8.02	8.80	8.97	8.54	8.23	8.06	8.00	8.00	7.83	7.83	
17	7.91	8.49	8.03	8.74	8.83	8.63	8.20	8.04	8.00	8.00	7.83	7.83	
18	7.91	8.48	8.03	8.72	8.74	8.75	8.18	8.02	8.00	8.00	7.84	7.83	
19	7.91	8.42	8.28	8.70	8.81	8.70	8.17	8.02	8.00	8.00	7.89	7.83	
20	7.91	8.29	8.33	8.68	8.64	8.63	8.15	8.01	8.00	8.00	7.86	7.83	
21	7.91	8.23	8.20	8.64	8.70	8.63	8.17	8.01	8.00	8.00	7.84	7.83	
22	7.91	8.10	8.10	8.56	8.88	8.61	8.13	8.01	8.00	7.99	7.84	7.83	
23	7.91	8.09	8.09	8.37	8.72	8.63	8.20	8.02	8.00	7.98	7.84	7.83	
24	7.91	8.09	8.07	8.29	8.59	8.60	8.47	8.01	8.00	7.98	7.84	7.83	
25	7.91	8.09	8.21	8.25	8.50	8.64	8.36	8.00	8.00	7.98	7.84	7.83	
26	7.91	8.08	9.20	8.25	8.51	8.69	8.25	8.00	8.00	7.98	7.84	7.83	
27	7.91	8.08	8.74	8.24	8.51	8.64	8.16	8.00	8.00	7.98	7.85	7.83	
28	7.91	8.09	8.60	8.23	8.54	8.58	8.33	8.00	8.00	7.98	7.86	7.83	
29	7.91	8.10	8.54	8.23	8.60	8.52	8.25	8.00	8.00	7.98	7.89	7.83	
30	7.91	8.09	8.52	8.21	8.70	8.61	8.18	8.00	8.00	7.98	7.83	7.83	
31		8.09		8.21	8.54		8.18		8.00	7.98		7.83	
Mean	7.91	8.28	8.18	8.57	8.53	8.50	8.40	8.10	8.00	7.99	7.87	7.83	
Max	7.92	8.93	9.20	9.00	8.97	8.75	9.42	8.31	8.01	8.00	7.95	7.86	9.42
Min	7.91	7.91	8.01	8.21	8.20	8.20	8.13	8.00	8.00	7.98	7.83	7.83	7.83
Annual Max Momentary Gage Height	10.20		m. (MSL.) ,				at 09.00 Hours , on Oct 6 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	7.49	m. (MSL.)					
Left Bank Elevation		14.38	m. (MSL.) ,										
Right Bank Elevation		14.20	m. (MSL.) ,			Drainage Area	19	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.55	1.68	5.00	5.40	6.00	6.00	3.88	1.00	1.00	0.75	0.30	
2	0.60	0.55	1.60	4.13	3.50	6.80	9.75	3.88	1.00	1.00	0.75	0.20	
3	0.60	0.55	1.53	3.75	3.13	6.00	8.40	3.63	1.00	1.00	0.75	0.20	
4	0.60	0.60	1.45	4.63	3.00	5.80	16.63	3.25	1.00	1.00	0.60	0.20	
5	0.60	0.70	1.45	4.88	3.00	5.60	9.50	2.75	1.00	1.00	0.60	0.20	
6	0.60	3.50	1.30	17.38	3.00	4.88	49.00	2.50	1.00	1.00	0.50	0.20	
7	0.60	1.15	1.15	13.25	2.75	4.13	15.13	2.35	1.00	1.00	0.50	0.20	
8	0.60	1.98	1.15	15.50	2.50	3.75	11.50	2.20	1.00	1.00	0.45	0.20	
9	0.60	4.50	1.15	21.50	10.25	3.63	8.40	2.20	1.00	1.00	0.20	0.15	
10	0.55	10.25	1.15	15.50	9.00	3.38	5.40	2.05	1.00	1.00	0.20	0.15	
11	0.55	17.38	1.08	17.75	7.00	2.50	4.25	1.98	1.00	1.00	0.20	0.15	
12	0.55	18.88	1.08	15.88	6.60	2.88	5.40	1.90	1.00	1.00	0.20	0.15	
13	0.55	17.38	1.08	16.25	6.20	3.13	5.00	1.90	1.00	1.00	0.20	0.15	
14	0.55	13.00	1.08	15.50	6.40	6.40	3.38	1.68	1.00	1.00	0.20	0.15	
15	0.55	10.75	1.15	15.50	7.80	10.75	3.00	1.60	1.08	1.00	0.20	0.15	
16	0.55	8.60	1.15	14.00	20.38	7.80	2.88	1.45	1.00	1.00	0.15	0.15	
17	0.55	6.80	1.23	12.50	15.13	9.75	2.50	1.30	1.00	1.00	0.15	0.15	
18	0.55	6.60	1.23	12.00	12.50	12.75	2.35	1.15	1.00	1.00	0.20	0.15	
19	0.55	5.40	3.50	11.50	14.38	11.50	2.28	1.15	1.00	1.00	0.45	0.15	
20	0.55	3.63	4.13	11.00	10.00	9.75	2.13	1.08	1.00	1.00	0.30	0.15	
21	0.55	2.88	2.50	10.00	11.50	9.75	2.28	1.08	1.00	1.00	0.20	0.15	
22	0.55	1.75	1.75	8.20	17.00	9.25	1.98	1.08	1.00	0.95	0.20	0.15	
23	0.55	1.68	1.68	4.63	12.00	9.75	2.50	1.15	1.00	0.90	0.20	0.15	
24	0.55	1.68	1.53	3.63	8.80	9.00	6.40	1.08	1.00	0.90	0.20	0.15	
25	0.55	1.68	2.63	3.13	7.00	10.00	4.50	1.00	1.00	0.90	0.20	0.15	
26	0.55	1.60	32.50	3.13	7.20	11.25	3.13	1.00	1.00	0.90	0.20	0.15	
27	0.55	1.60	12.50	3.00	7.20	10.00	2.20	1.00	1.00	0.90	0.25	0.15	
28	0.55	1.68	9.00	2.88	7.80	8.60	4.13	1.00	1.00	0.90	0.30	0.15	
29	0.55	1.75	7.80	2.88	9.00	7.40	3.13	1.00	1.00	0.90	0.45	0.15	
30	0.55	1.68	7.40	2.63	11.50	9.25	2.35	1.00	1.00	0.90		0.15	
31		1.68		2.63	7.80		2.35		1.00	0.90		0.15	
Total	16.95	152.41	109.61	294.14	258.72	221.43	207.83	54.27	31.08	30.05	9.75	5.15	1391.39 CMSDAY
Mean	0.57	4.92	3.65	9.49	8.35	7.38	6.70	1.81	1.00	0.97	0.34	0.17	3.80 CMS
Max	0.60	18.88	32.50	21.50	20.38	12.75	49.00	3.88	1.08	1.00	0.75	0.30	49.00 CMS
Min	0.55	0.55	1.08	2.63	2.50	2.50	1.98	1.00	1.00	0.90	0.15	0.15	0.15 CMS
Runoff	1.46	13.17	9.47	25.41	22.35	19.13	17.96	4.69	2.69	2.60	0.84	0.44	120.22 MCM
Momentary Peak	192.00 CMS. at 10.20 m. (MSL.) at 09.00 Hours , on Oct 6 , 2007												
Runoff Yield	193.69 Liters/Second/Square KM.			Momentary Peak Yield 9755.60 Liters/Second/Square KM.									

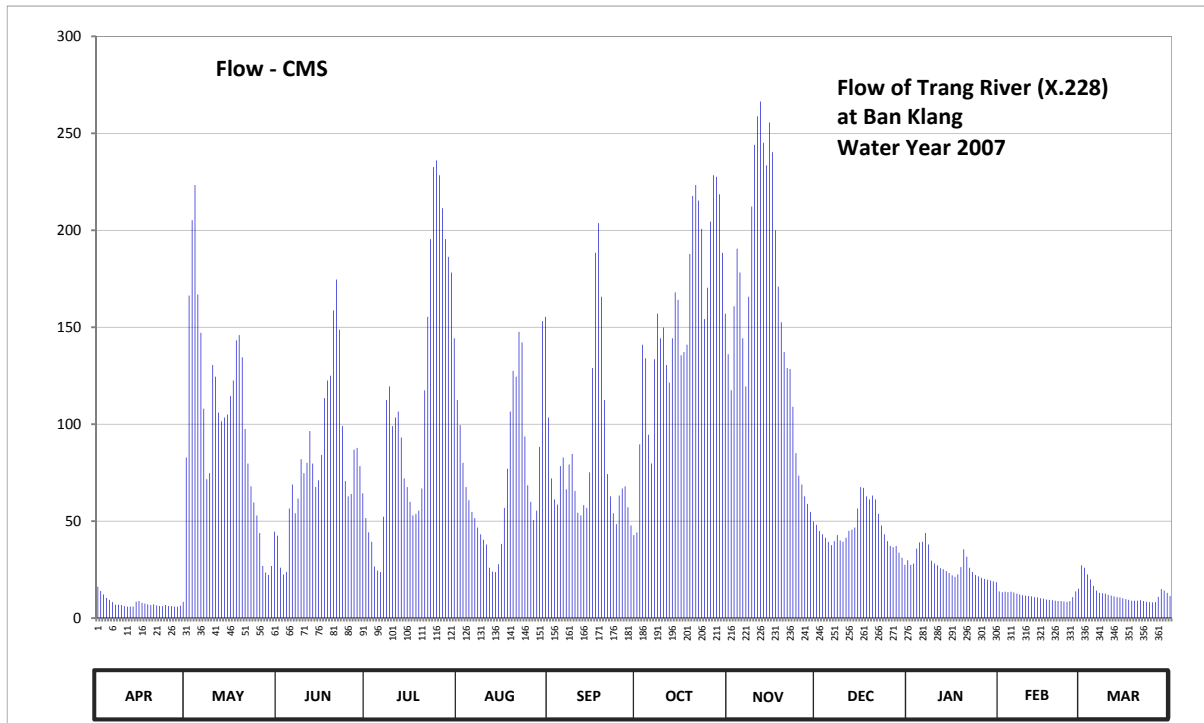
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Trang River at Ban Klang , Trang (X.228)
 Lat 07 - 38 - 45 N Long 99 - 31 - 59 E

Location : on left bank at Ban Klang.

	Ban Klang	Amphoe Mueang	Changwat Trang
Drainage Area	1,374 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 gage site.		Elevation +11.741 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 26 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.76	4.73	3.70	3.96	5.35	5.17	3.75	5.82	3.86	3.33	2.64	3.24	
2	2.65	6.37	3.20	3.75	5.09	4.49	4.88	5.45	3.77	3.25	2.62	3.20	
3	2.56	6.95	3.06	3.61	4.67	4.23	5.91	6.27	3.72	3.27	2.63	3.06	
4	2.47	7.18	3.11	3.22	4.39	4.16	5.78	6.75	3.67	3.51	2.62	2.95	
5	2.42	6.38	4.10	3.14	4.22	4.63	4.99	6.57	3.61	3.60	2.63	2.78	
6	2.35	6.02	4.42	3.11	4.05	4.73	4.66	5.97	3.56	3.61	2.61	2.66	
7	2.26	5.26	4.03	3.98	3.96	4.36	5.77	5.49	3.62	3.74	2.58	2.60	
8	2.26	4.48	4.24	5.35	3.82	4.65	6.20	6.36	3.71	3.57	2.56	2.59	
9	2.25	4.55	4.71	5.49	3.72	4.77	5.97	7.04	3.63	3.32	2.54	2.58	
10	2.21	5.71	4.55	5.08	3.64	4.34	6.07	7.42	3.61	3.27	2.53	2.55	
11	2.19	5.59	4.67	5.17	3.57	4.04	5.71	7.56	3.67	3.24	2.52	2.53	
12	2.19	5.22	5.03	5.23	3.20	4.00	5.53	7.63	3.77	3.19	2.51	2.51	
13	2.19	5.13	4.66	4.96	3.12	4.15	5.97	7.43	3.79	3.17	2.49	2.49	
14	2.36	5.17	4.39	4.49	3.11	4.11	6.40	7.30	3.82	3.13	2.48	2.48	
15	2.39	5.20	4.47	4.39	3.26	4.56	6.33	7.53	4.10	3.09	2.46	2.46	
16	2.32	5.39	4.76	4.20	3.58	5.68	5.81	7.38	4.39	3.04	2.45	2.44	
17	2.30	5.55	5.37	4.00	4.11	6.72	5.84	6.88	4.38	3.01	2.43	2.42	
18	2.27	5.95	5.55	4.02	4.60	6.93	5.91	6.45	4.27	3.06	2.42	2.40	
19	2.25	6.00	5.60	4.07	5.23	6.36	6.71	6.12	4.23	3.21	2.41	2.40	
20	2.27	5.79	6.23	4.37	5.65	5.35	7.11	5.84	4.28	3.50	2.40	2.40	
21	2.24	5.05	6.51	5.45	5.59	4.54	7.18	5.68	4.23	3.39	2.39	2.41	
22	2.22	4.66	6.05	6.17	6.03	4.27	7.08	5.67	4.02	3.20	2.39	2.39	
23	2.21	4.40	5.08	6.82	5.93	4.03	6.89	5.28	3.85	3.11	2.37	2.36	
24	2.25	4.19	4.46	7.29	4.97	3.87	6.15	4.78	3.72	3.05	2.36	2.35	
25	2.22	4.00	4.27	7.33	4.41	4.28	6.44	4.52	3.62	3.02	2.38	2.34	
26	2.21	3.74	4.30	7.24	4.20	4.37	6.94	4.42	3.55	2.99	2.49	2.35	
27	2.19	3.23	4.82	7.03	3.93	4.40	7.24	4.27	3.53	2.96	2.64	2.50	
28	2.19	3.10	4.84	6.82	4.07	4.12	7.23	4.17	3.55	2.94	2.71	2.70	
29	2.23	3.05	4.63	6.69	4.85	3.85	7.12	4.05	3.45	2.92	2.73	2.66	
30	2.36	3.23	4.31	6.57	6.13	3.71	6.72	3.91	3.37	2.90	2.90	2.60	
31		3.76		5.97	6.17		6.20		3.25	2.88		2.52	
Mean	2.31	5.00	4.64	5.13	4.47	4.63	6.14	6.00	3.79	3.21	2.52	2.58	
Max	2.76	7.18	6.51	7.33	6.17	6.93	7.24	7.63	4.39	3.74	2.73	3.24	7.63
Min	2.19	3.05	3.06	3.11	3.11	3.71	3.75	3.91	3.25	2.88	2.36	2.34	2.19
Annual Max Momentary Gage Height	7.63												
Zero Gage at Bottom Elevation	0.00						1.03						
Left Bank Elevation		12.16											
Right Bank Elevation		12.21											
Drainage Area						1,374							



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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	16.20	82.85	42.50	51.60	112.50	103.50	44.25	136.10	48.10	29.90	13.80	27.20		
2	14.00	166.35	26.00	44.25	99.50	72.05	89.60	117.50	44.95	27.50	13.40	26.00		
3	12.20	205.25	22.50	39.35	80.15	61.20	141.05	160.85	43.20	28.10	13.60	22.50		
4	10.40	223.40	23.75	26.60	67.60	58.60	134.00	190.50	41.45	35.85	13.40	20.00		
5	9.40	166.90	56.50	24.50	60.80	78.35	94.55	178.20	39.35	39.00	13.60	16.60		
6	8.25	147.10	68.90	23.75	54.75	82.85	79.70	144.35	37.60	39.35	13.20	14.20		
7	6.90	108.00	54.05	52.30	51.60	66.40	133.50	119.50	39.70	43.90	12.60	13.00		
8	6.90	71.60	61.60	112.50	46.70	79.25	157.00	165.80	42.85	37.95	12.20	12.80		
9	6.75	74.75	81.95	119.50	43.20	84.65	144.35	212.20	40.05	29.60	11.80	12.60		
10	6.15	130.50	74.75	99.00	40.40	65.60	149.85	244.10	39.35	28.10	11.60	12.00		
11	5.90	124.50	80.15	103.50	37.95	54.40	130.50	258.80	41.45	27.20	11.40	11.60		
12	5.90	106.00	96.50	106.50	26.00	53.00	121.50	266.45	44.95	25.75	11.20	11.20		
13	5.90	101.50	79.70	93.20	24.00	58.25	144.35	245.15	45.65	25.25	10.80	10.80		
14	8.40	103.50	67.60	72.05	23.75	56.85	168.00	233.50	46.70	24.25	10.60	10.60		
15	8.85	105.00	71.15	67.60	27.80	75.20	164.15	255.65	56.50	23.25	10.20	10.20		
16	7.80	114.50	84.20	60.00	38.30	129.00	135.55	240.30	67.60	22.00	10.00	9.80		
17	7.50	122.50	113.50	53.00	56.85	188.40	137.20	200.00	67.20	21.25	9.60	9.40		
18	7.05	143.25	122.50	53.70	77.00	203.75	141.05	171.00	62.80	22.50	9.40	9.00		
19	6.75	146.00	125.00	55.45	106.50	165.80	187.70	152.60	61.20	26.30	9.20	9.00		
20	7.05	134.50	158.65	66.80	127.50	112.50	217.80	137.20	63.20	35.50	9.00	9.00		
21	6.60	97.50	174.60	117.50	124.50	74.30	223.40	129.00	61.20	31.70	8.85	9.20		
22	6.30	79.70	148.75	155.35	147.65	62.80	215.40	128.50	53.70	26.00	8.85	8.85		
23	6.15	68.00	99.00	195.50	142.15	54.05	200.75	109.00	47.75	23.75	8.55	8.40		
24	6.75	59.65	70.70	232.65	93.65	48.45	154.25	85.10	43.20	22.25	8.40	8.25		
25	6.30	53.00	62.80	236.05	68.45	63.20	170.40	73.40	39.70	21.50	8.70	8.10		
26	6.15	43.90	64.00	228.40	60.00	66.80	204.50	68.90	37.25	20.80	10.80	8.25		
27	5.90	26.90	86.90	211.40	50.55	68.00	228.40	62.80	36.55	20.20	13.80	11.00		
28	5.90	23.50	87.80	195.50	55.45	57.20	227.55	58.95	37.25	19.80	15.20	15.00		
29	6.45	22.25	78.35	186.30	88.25	47.75	218.60	54.75	33.75	19.40	15.60	14.20		
30	8.40	26.90	64.40	178.20	153.15	42.85	188.40	49.85	31.10	19.00	13.00	13.00		
31		44.60		144.35	155.35		157.00		27.50	18.60		11.40		
Total	233.15	3123.85	2448.75	3406.35	2342.00	2435.00	4904.30	4650.00	1422.80	835.50	329.35	393.15	26524.20	CMSDAY
Mean	7.77	100.77	81.63	109.88	75.55	81.17	158.20	155.00	45.90	26.95	11.36	12.68	72.47	CMS
Max	16.20	223.40	174.60	236.05	155.35	203.75	228.40	266.45	67.60	43.90	15.60	27.20	266.45	CMS
Min	5.90	22.25	22.50	23.75	23.75	42.85	44.25	49.85	27.50	18.60	8.40	8.10	5.90	CMS
Runoff	20.14	269.90	211.57	294.31	202.35	210.38	423.73	401.76	122.93	72.19	28.46	33.97	2291.69	MCM
Momentary Peak	266.45 CMS. at 7.63 m. (MSL.) at 06.00 Hours , on Nov 12, 2007													
Runoff Yield	52.89 Liters/Second/Square KM.			Momentary Peak Yield				193.92 Liters/Second/Square KM.						

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Upper Khlong Nang Noi at Ban Ton Pring , Trang (X.229)

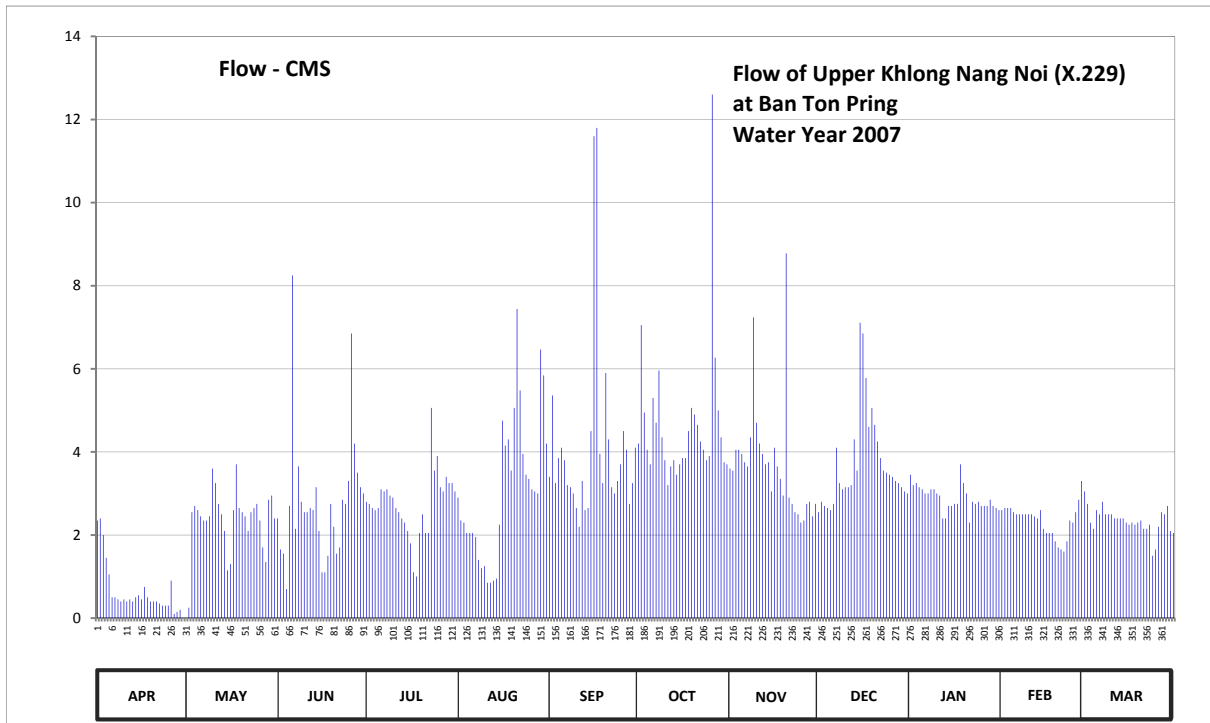
Lat 07 - 32 - 53 N Long 99 - 44 - 40 E

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. (MSL.)		
Bench Mark	B.M.-H.D.		
Location BM	On left bank near the gage site.		Elevation +32.452 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 26 discharge measurements made in 2007.		

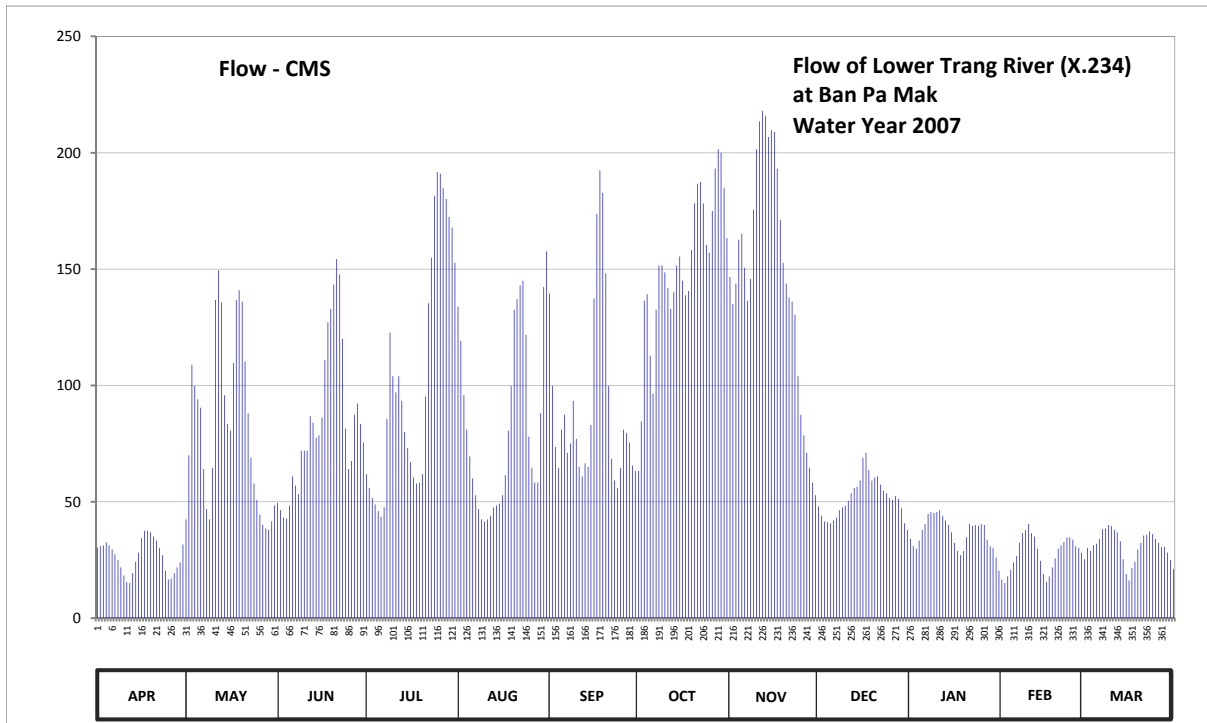
Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	28.87	28.40	28.88	28.96	28.98	29.08	29.24	29.12	28.91	29.09	28.92	29.01	
2	28.88	28.45	28.73	28.95	28.87	29.46	29.73	29.11	28.96	29.04	28.93	28.95	
3	28.80	28.91	28.71	28.93	28.86	29.05	29.39	29.21	28.94	29.05	28.93	28.86	
4	28.69	28.94	28.54	28.92	28.81	29.17	29.21	29.21	28.93	29.03	28.93	28.83	
5	28.61	28.92	28.94	28.93	28.81	29.22	29.14	29.19	28.92	29.02	28.91	28.92	
6	28.50	28.89	29.90	29.02	28.81	29.16	29.45	29.15	28.95	29.00	28.90	28.90	
7	28.50	28.87	28.83	29.01	28.79	29.04	29.34	29.13	29.22	29.00	28.90	28.96	
8	28.49	28.87	29.13	29.02	28.68	29.03	29.56	29.27	29.05	29.02	28.90	28.90	
9	28.48	28.89	28.96	28.99	28.64	29.00	29.27	29.76	29.02	29.02	28.90	28.90	
10	28.49	29.12	28.91	28.98	28.65	28.93	29.16	29.34	29.03	29.00	28.90	28.90	
11	28.48	29.05	28.91	28.93	28.57	28.84	29.04	29.24	29.03	28.99	28.90	28.88	
12	28.49	28.95	28.93	28.91	28.57	29.06	29.13	29.19	29.04	28.88	28.89	28.88	
13	28.48	28.90	28.92	28.88	28.58	28.92	29.16	29.14	29.26	28.88	28.88	28.88	
14	28.50	28.82	29.03	28.86	28.59	28.93	29.09	29.15	29.11	28.94	28.92	28.88	
15	28.51	28.63	28.82	28.82	28.85	29.30	29.14	29.01	29.74	28.94	28.83	28.86	
16	28.49	28.66	28.62	28.76	29.35	30.26	29.17	29.22	29.70	28.95	28.81	28.85	
17	28.55	28.92	28.62	28.62	29.23	30.28	29.17	29.13	29.53	28.95	28.81	28.86	
18	28.50	29.14	28.70	28.60	29.26	29.19	29.30	29.07	29.32	29.14	28.81	28.85	
19	28.48	28.93	28.95	28.81	29.11	29.05	29.41	28.99	29.41	29.05	28.77	28.86	
20	28.48	28.91	28.84	28.90	29.41	29.55	29.38	29.97	29.33	29.00	28.74	28.87	
21	28.48	28.89	28.71	28.81	29.79	29.26	29.33	28.98	29.25	28.86	28.73	28.83	
22	28.47	28.82	28.74	28.81	29.48	29.03	29.25	28.95	29.17	28.96	28.72	28.83	
23	28.46	28.91	28.97	29.41	29.19	29.00	29.21	28.91	29.11	28.95	28.77	28.85	
24	28.46	28.93	28.95	29.11	29.09	29.06	29.16	28.90	29.10	28.96	28.87	28.70	
25	28.46	28.95	29.06	29.18	29.07	29.14	29.18	28.86	29.09	28.94	28.86	28.73	
26	28.58	28.87	29.70	29.03	29.02	29.30	30.36	28.87	29.08	28.94	28.91	28.84	
27	28.42	28.74	29.24	29.01	29.01	29.21	29.61	28.95	29.06	28.94	28.97	28.91	
28	28.43	28.67	29.10	29.08	29.00	28.95	29.40	28.96	29.05	28.97	29.06	28.90	
29	28.44	28.97	29.03	29.05	29.64	29.05	29.27	28.89	29.03	28.94	29.03	28.94	
30	28.39	28.99	29.00	29.05	29.54	29.22	29.15	28.95	29.01	28.93	29.01	28.82	
31		28.88		29.01	29.24		29.14		29.00	28.92		28.81	
Mean	28.53	28.86	28.95	28.95	29.02	29.19	29.31	29.13	29.14	28.98	28.88	28.87	
Max	28.88	29.14	29.90	29.41	29.79	30.28	30.36	29.97	29.74	29.14	29.06	29.01	30.36
Min	28.39	28.40	28.54	28.60	28.57	28.84	29.04	28.86	28.91	28.86	28.72	28.70	28.39
Annual Max Momentary Gage Height	31.40		m. (MSL.) ,										
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	27.72	m. (MSL.)					
Left Bank Elevation		34.07		m. (MSL.) ,									
Right Bank Elevation		33.96		m. (MSL.) ,		Drainage Are	158	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.35	0.00	2.40	2.80	2.90	3.40	4.20	3.60	2.55	3.45	2.60	3.05	
2	2.40	0.25	1.65	2.75	2.35	5.36	7.05	3.55	2.80	3.20	2.65	2.75	
3	2.00	2.55	1.55	2.65	2.30	3.25	4.95	4.05	2.70	3.25	2.65	2.30	
4	1.45	2.70	0.70	2.60	2.05	3.85	4.05	4.05	2.65	3.15	2.65	2.15	
5	1.05	2.60	2.70	2.65	2.05	4.10	3.70	3.95	2.60	3.10	2.55	2.60	
6	0.50	2.45	8.25	3.10	2.05	3.80	5.30	3.75	2.75	3.00	2.50	2.50	
7	0.50	2.35	2.15	3.05	1.95	3.20	4.70	3.65	4.10	3.00	2.50	2.80	
8	0.45	2.35	3.65	3.10	1.40	3.15	5.96	4.35	3.25	3.10	2.50	2.50	
9	0.40	2.45	2.80	2.95	1.20	3.00	4.35	7.24	3.10	3.10	2.50	2.50	
10	0.45	3.60	2.55	2.90	1.25	2.65	3.80	4.70	3.15	3.00	2.50	2.50	
11	0.40	3.25	2.55	2.65	0.85	2.20	3.20	4.20	3.15	2.95	2.50	2.40	
12	0.45	2.75	2.65	2.55	0.85	3.30	3.65	3.95	3.20	2.40	2.45	2.40	
13	0.40	2.50	2.60	2.40	0.90	2.60	3.80	3.70	4.30	2.40	2.40	2.40	
14	0.50	2.10	3.15	2.30	0.95	2.65	3.45	3.75	3.55	2.70	2.60	2.40	
15	0.55	1.15	2.10	2.10	2.25	4.50	3.70	3.05	7.11	2.70	2.15	2.30	
16	0.45	1.30	1.10	1.80	4.75	11.60	3.85	4.10	6.85	2.75	2.05	2.25	
17	0.75	2.60	1.10	1.10	4.15	11.80	3.85	3.65	5.78	2.75	2.05	2.30	
18	0.50	3.70	1.50	1.00	4.30	3.95	4.50	3.35	4.60	3.70	2.05	2.25	
19	0.40	2.65	2.75	2.05	3.55	3.25	5.06	2.95	5.06	3.25	1.85	2.30	
20	0.40	2.55	2.20	2.50	5.06	5.90	4.90	8.78	4.65	3.00	1.70	2.35	
21	0.40	2.45	1.55	2.05	7.44	4.30	4.65	2.90	4.25	2.30	1.65	2.15	
22	0.35	2.10	1.70	2.05	5.48	3.15	4.25	2.75	3.85	2.80	1.60	2.15	
23	0.30	2.55	2.85	5.06	3.95	3.00	4.05	2.55	3.55	2.75	1.85	2.25	
24	0.30	2.65	2.75	3.55	3.45	3.30	3.80	2.50	3.50	2.80	2.35	1.50	
25	0.30	2.75	3.30	3.90	3.35	3.70	3.90	2.30	3.45	2.70	2.30	1.65	
26	0.90	2.35	6.85	3.15	3.10	4.50	12.60	2.35	3.40	2.70	2.55	2.20	
27	0.10	1.70	4.20	3.05	3.05	4.05	6.27	2.75	3.30	2.70	2.85	2.55	
28	0.15	1.35	3.50	3.40	3.00	2.75	5.00	2.80	3.25	2.85	3.30	2.50	
29	0.20	2.85	3.15	3.25	6.46	3.25	4.35	2.45	3.15	2.70	3.15	2.70	
30	0.00	2.95	3.00	3.25	5.84	4.10	3.75	2.75	3.05	2.65		2.10	
31		2.40		3.05	4.20		3.70		3.00	2.60		2.05	
Total	19.35	71.95	82.95	84.76	96.43	123.61	144.34	110.47	115.65	89.50	69.00	72.80	1080.81 CMSDAY
Mean	0.64	2.32	2.77	2.73	3.11	4.12	4.66	3.68	3.73	2.89	2.38	2.35	2.95 CMS
Max	2.40	3.70	8.25	5.06	7.44	11.80	12.60	8.78	7.11	3.70	3.30	3.05	12.60 CMS
Min	0.00	0.00	0.70	1.00	0.85	2.20	3.20	2.30	2.55	2.30	1.60	1.50	0.00 CMS
Runoff	1.67	6.22	7.17	7.32	8.33	10.68	12.47	9.54	9.99	7.73	5.96	6.29	93.38 MCM
Momentary Peak	26.00 CMS. at 31.40 m. (MSL.) at 18.00 Hours , on Sep 16, 2007												
Runoff Yield	18.74 Liters/Second/Square KM.			Momentary Peak Yield				164.56 Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	30.20	42.40	49.60	61.85	133.90	139.50	63.20	146.60	48.00	34.05	16.55	25.30		
2	30.90	70.00	46.40	56.00	119.10	99.80	84.50	134.95	44.00	30.90	15.15	30.20		
3	31.25	108.90	43.20	51.60	95.80	73.50	136.35	143.80	41.60	29.85	17.95	28.80		
4	32.65	99.80	42.80	48.80	81.00	64.55	139.15	162.65	41.20	33.35	20.75	31.25		
5	31.25	94.00	48.40	46.00	69.50	81.00	112.80	165.25	40.80	37.90	23.90	31.95		
6	29.50	90.40	60.95	43.60	60.05	87.40	96.40	150.60	42.00	40.40	26.70	34.05		
7	27.40	64.10	56.90	47.60	52.80	71.00	132.50	136.35	43.20	44.80	32.30	38.25		
8	24.95	46.80	53.20	85.60	46.80	75.00	151.55	145.80	46.40	45.60	36.50	38.60		
9	21.80	42.40	72.00	122.70	42.40	93.40	151.55	175.65	47.60	45.20	37.90	40.00		
10	18.30	64.55	72.00	104.00	41.60	77.00	148.60	201.50	48.40	45.60	40.40	39.65		
11	15.50	136.70	72.00	97.00	42.40	65.00	141.95	213.50	50.40	46.40	36.50	37.90		
12	15.15	149.40	86.80	104.00	44.00	60.95	132.85	218.00	53.60	44.00	35.10	36.85		
13	19.35	135.65	84.00	93.40	47.60	66.50	140.20	215.75	56.00	42.00	29.85	33.00		
14	24.25	95.80	77.50	80.00	48.40	65.00	151.55	206.75	56.45	40.00	24.60	25.30		
15	28.10	83.50	78.50	73.00	49.20	83.00	155.40	209.75	59.15	36.85	19.00	19.00		
16	34.40	80.50	86.20	67.00	52.80	137.40	145.00	209.00	69.00	32.30	15.50	16.20		
17	37.55	109.60	111.00	60.50	61.40	173.70	138.80	193.25	71.00	28.80	17.95	21.45		
18	37.55	136.70	127.20	57.80	80.50	192.50	140.55	171.10	63.65	27.05	21.80	24.25		
19	36.85	140.90	132.85	58.25	99.80	182.80	158.15	152.65	59.15	28.80	25.65	29.50		
20	35.10	136.00	143.40	61.85	132.50	148.20	178.25	143.80	60.50	34.75	29.85	32.30		
21	33.35	110.30	154.30	95.20	137.05	99.80	186.70	137.75	60.95	40.40	31.25	35.45		
22	30.20	88.00	147.80	135.30	143.00	68.50	187.35	136.00	57.35	39.65	32.65	35.80		
23	27.05	69.00	120.00	154.85	145.00	59.15	178.25	130.40	54.80	40.00	34.75	37.20		
24	20.40	57.80	81.50	181.50	121.80	56.00	160.35	104.00	53.60	39.65	34.75	36.15		
25	16.55	50.80	64.10	191.75	78.00	64.55	157.05	87.40	51.60	40.40	33.70	34.05		
26	16.90	44.40	67.50	191.00	64.55	81.00	175.00	78.50	50.80	40.00	30.90	32.30		
27	19.35	40.00	87.40	184.75	58.25	79.50	193.25	71.00	52.40	33.70	30.20	30.55		
28	21.80	38.60	92.20	180.20	58.25	75.50	201.50	64.55	51.20	30.90	28.10	30.55		
29	23.90	37.90	83.50	172.40	88.00	65.50	200.00	58.25	47.20	30.20	23.90	28.10		
30	31.60	41.60	75.50	167.85	142.30	63.20	184.75	52.80	40.80	26.00		24.95		
31	48.40			152.65	157.60		163.30		37.90	20.40		21.10		
Total	803.10	2554.90	2518.70	3228.00	2595.35	2749.90	4686.80	4417.35	1600.70	1129.90	804.10	960.00	28048.80	CMSDAY
Mean	26.77	82.42	83.96	104.13	83.72	91.66	151.19	147.25	51.64	36.45	27.73	30.97	76.64	CMS
Max	37.55	149.40	154.30	191.75	157.60	192.50	201.50	218.00	71.00	46.40	40.40	40.00	218.00	CMS
Min	15.15	37.90	42.80	43.60	41.60	56.00	63.20	52.80	37.90	20.40	15.15	16.20	15.15	CMS
Runoff	69.39	220.74	217.62	278.90	224.24	237.59	404.94	381.66	138.30	97.62	69.47	82.94	2423.42	MCM
Momentary Peak	218.00 CMS. at 4.00 m. (MSL.) at 07.00 Hours , on Nov 12 , 2007													
Runoff Yield	27.36 Liters/Second/Square KM. Momentary Peak Yield 77.62 Liters/Second/Square KM.													

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Lam Phikul at Ban Pak Khlong , Trang (X.235)

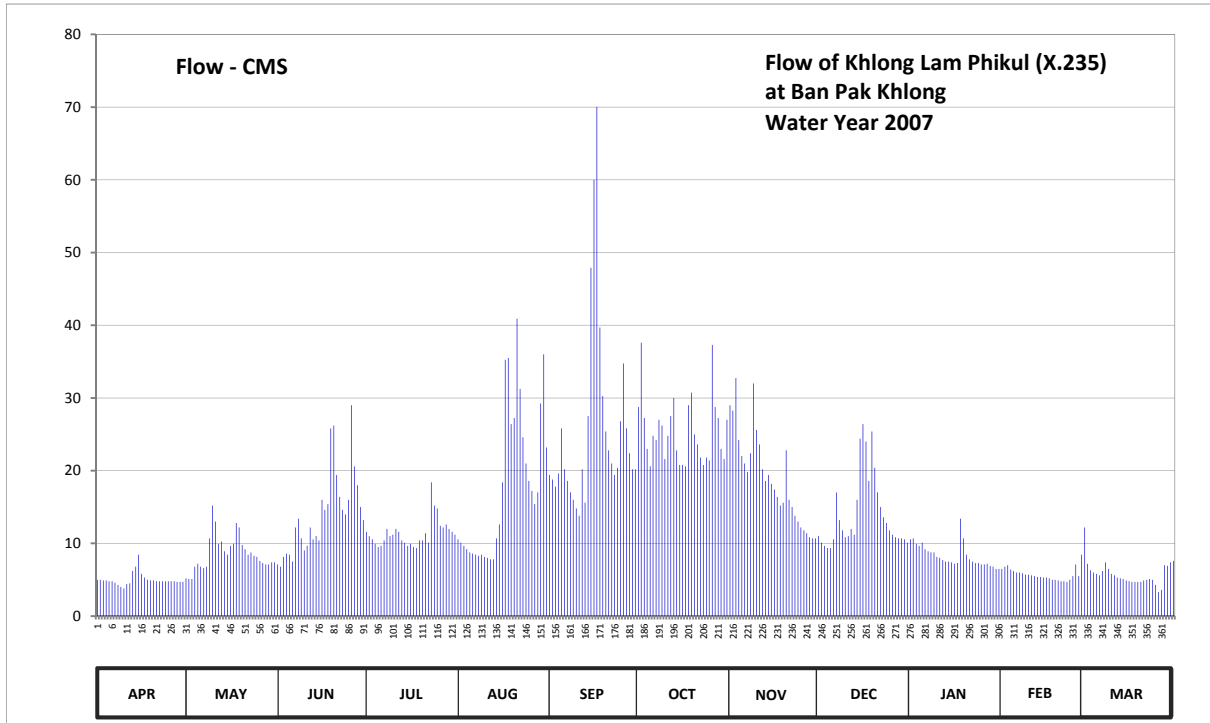
Lat 07 - 24 - 37 N Long 99 - 46 - 00 E

Location : on right bank at Ban Pak Khlong.

	Ban Pak Khlong	Amphoe Yan Ta Khaow	Changwat Trang
Drainage Area	116 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 abutment of the bridge.	Elevation	+16.603 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 26 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.30	9.32	9.51	9.83	9.77	10.22	10.67	10.68	9.80	9.77	9.45	9.86	
2	9.30	9.31	9.48	9.80	9.74	10.19	11.02	10.65	9.74	9.78	9.48	9.52	
3	9.29	9.31	9.61	9.77	9.71	10.14	10.61	10.83	9.71	9.73	9.50	9.43	
4	9.29	9.48	9.64	9.73	9.68	10.23	10.40	10.46	9.69	9.71	9.44	9.40	
5	9.28	9.52	9.63	9.70	9.65	10.54	10.28	10.35	9.69	9.74	9.42	9.38	
6	9.28	9.48	9.55	9.71	9.64	10.26	10.49	10.30	9.77	9.68	9.40	9.36	
7	9.26	9.46	9.86	9.76	9.63	10.18	10.46	10.24	10.10	9.66	9.40	9.42	
8	9.23	9.48	9.92	9.85	9.62	10.10	10.60	10.37	9.91	9.65	9.39	9.54	
9	9.20	9.78	9.78	9.80	9.63	10.05	10.56	10.80	9.84	9.65	9.37	9.45	
10	9.18	10.01	9.67	9.81	9.61	9.99	10.33	10.53	9.79	9.61	9.37	9.38	
11	9.24	9.90	9.71	9.85	9.60	9.94	10.49	10.43	9.80	9.60	9.36	9.36	
12	9.25	9.73	9.86	9.83	9.58	10.26	10.62	10.26	9.85	9.57	9.35	9.33	
13	9.42	9.75	9.77	9.76	9.58	10.03	10.72	10.18	9.81	9.55	9.34	9.32	
14	9.48	9.66	9.80	9.74	9.78	10.62	10.39	10.22	10.05	9.55	9.34	9.31	
15	9.63	9.63	9.76	9.71	9.88	11.34	10.29	10.16	10.47	9.54	9.33	9.29	
16	9.38	9.71	10.05	9.73	10.17	11.65	10.29	10.12	10.57	9.52	9.33	9.28	
17	9.33	9.73	9.98	9.70	10.93	11.89	10.28	10.07	10.45	9.53	9.32	9.27	
18	9.30	9.89	10.02	9.69	10.94	11.09	10.68	10.01	10.18	9.92	9.30	9.27	
19	9.29	9.86	10.54	9.76	10.57	10.73	10.75	10.03	10.52	9.78	9.30	9.27	
20	9.29	9.72	10.56	9.76	10.61	10.52	10.50	10.39	10.27	9.63	9.29	9.27	
21	9.28	9.68	10.22	9.82	11.13	10.39	10.43	10.05	10.10	9.58	9.28	9.29	
22	9.28	9.63	10.07	9.74	10.77	10.30	10.34	10.00	10.00	9.55	9.28	9.30	
23	9.28	9.65	9.98	10.17	10.48	10.22	10.29	9.94	9.93	9.53	9.27	9.31	
24	9.28	9.62	9.95	10.01	10.30	10.27	10.34	9.90	9.89	9.53	9.30	9.30	
25	9.28	9.61	10.05	9.99	10.18	10.59	10.32	9.86	9.84	9.51	9.35	9.23	
26	9.28	9.56	10.68	9.87	10.11	10.91	11.01	9.84	9.81	9.51	9.51	9.13	
27	9.28	9.53	10.28	9.86	10.02	10.54	10.67	9.82	9.79	9.52	9.35	9.16	
28	9.27	9.51	10.15	9.88	10.10	10.37	10.61	9.79	9.78	9.49	9.63	9.50	
29	9.27	9.51	10.00	9.85	10.69	10.26	10.40	9.78	9.78	9.48	9.97	9.49	
30	9.27	9.54	9.91	9.83	10.96	10.26	10.33	9.78	9.77	9.45		9.54	
31		9.54		9.81	10.41		10.60		9.74	9.45		9.56	
Mean	9.30	9.62	9.93	9.81	10.11	10.47	10.51	10.19	9.95	9.61	9.39	9.37	
Max	9.63	10.01	10.68	10.17	11.13	11.89	11.02	10.83	10.57	9.92	9.97	9.86	11.89
Min	9.18	9.31	9.48	9.69	9.58	9.94	10.28	9.78	9.69	9.45	9.27	9.13	9.13
Annual Max Momentary Gage Height	12.75		m. (MSL.) ,				at 22.00 Hours , on Sep 16 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	8.67	m. (MSL.)					
Left Bank Elevation		16.61	m. (MSL.) ,										
Right Bank Elevation		16.59	m. (MSL.) ,			Drainage Are	116	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.00	5.20	7.10	11.60	10.55	19.40	28.75	29.00	11.00	10.55	6.50	12.20	
2	5.00	5.10	6.80	11.00	10.10	18.80	37.60	28.25	10.10	10.70	6.80	7.20	
3	4.90	5.10	8.15	10.55	9.65	17.80	27.25	32.75	9.65	9.95	7.00	6.30	
4	4.90	6.80	8.60	9.95	9.20	19.60	23.00	24.20	9.35	9.65	6.40	6.00	
5	4.80	7.20	8.45	9.50	8.75	25.80	20.60	22.00	9.35	10.10	6.20	5.80	
6	4.80	6.80	7.50	9.65	8.60	20.20	24.80	21.00	10.55	9.20	6.00	5.60	
7	4.60	6.60	12.20	10.40	8.45	18.60	24.20	19.80	17.00	8.90	6.00	6.20	
8	4.30	6.80	13.40	12.00	8.30	17.00	27.00	22.40	13.20	8.75	5.90	7.40	
9	4.00	10.70	10.70	11.00	8.45	16.00	26.20	32.00	11.80	8.75	5.70	6.50	
10	3.80	15.20	9.05	11.20	8.15	14.80	21.60	25.60	10.85	8.15	5.70	5.80	
11	4.40	13.00	9.65	12.00	8.00	13.80	24.80	23.60	11.00	8.00	5.60	5.60	
12	4.50	9.95	12.20	11.60	7.80	20.20	27.50	20.20	12.00	7.70	5.50	5.30	
13	6.20	10.25	10.55	10.40	7.80	15.60	30.00	18.60	11.20	7.50	5.40	5.20	
14	6.80	8.90	11.00	10.10	10.70	27.50	22.80	19.40	16.00	7.50	5.40	5.10	
15	8.45	8.45	10.40	9.65	12.60	47.90	20.80	18.20	24.40	7.40	5.30	4.90	
16	5.80	9.65	16.00	9.95	18.40	60.00	20.80	17.40	26.40	7.20	5.30	4.80	
17	5.30	9.95	14.60	9.50	35.25	70.05	20.60	16.40	24.00	7.30	5.20	4.70	
18	5.00	12.80	15.40	9.35	35.50	39.70	29.00	15.20	18.60	13.40	5.00	4.70	
19	4.90	12.20	25.80	10.40	26.40	30.25	30.75	15.60	25.40	10.70	5.00	4.70	
20	4.90	9.80	26.20	10.40	27.25	25.40	25.00	22.80	20.40	8.45	4.90	4.70	
21	4.80	9.20	19.40	11.40	40.90	22.80	23.60	16.00	17.00	7.80	4.80	4.90	
22	4.80	8.45	16.40	10.10	31.25	21.00	21.80	15.00	15.00	7.50	4.80	5.00	
23	4.80	8.75	14.60	18.40	24.60	19.40	20.80	13.80	13.60	7.30	4.70	5.10	
24	4.80	8.30	14.00	15.20	21.00	20.40	21.80	13.00	12.80	7.30	5.00	5.00	
25	4.80	8.15	16.00	14.80	18.60	26.80	21.40	12.20	11.80	7.10	5.50	4.30	
26	4.80	7.60	29.00	12.40	17.20	34.75	37.30	11.80	11.20	7.10	7.10	3.30	
27	4.80	7.30	20.60	12.20	15.40	25.80	28.75	11.40	10.85	7.20	5.50	3.60	
28	4.70	7.10	18.00	12.60	17.00	22.40	27.25	10.85	10.70	6.90	8.45	7.00	
29	4.70	7.10	15.00	12.00	29.25	20.20	23.00	10.70	10.70	6.80	14.40	6.90	
30	4.70	7.40	13.20	11.60	36.00	20.20	21.60	10.70	10.55	6.50		7.40	
31		7.40		11.20	23.20		27.00		10.10	6.50		7.60	
Total	150.05	267.20	419.95	352.10	554.30	772.15	787.35	569.85	436.55	257.85	175.05	178.80	4921.20 CMSDAY
Mean	5.00	8.62	14.00	11.36	17.88	25.74	25.40	19.00	14.08	8.32	6.04	5.77	13.45 CMS
Max	8.45	15.20	29.00	18.40	40.90	70.05	37.60	32.75	26.40	13.40	14.40	12.20	70.05 CMS
Min	3.80	5.10	6.80	9.35	7.80	13.80	20.60	10.70	9.35	6.50	4.70	3.30	3.30 CMS
Runoff	12.96	23.09	36.28	30.42	47.89	66.71	68.03	49.24	37.72	22.28	15.12	15.45	425.19 MCM
Momentary Peak		114.00	CMS. at 12.75 m. (MSL.)										
Runoff Yield		115.72	Liters/Second/Square KM.				978.46						

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Lower Khlong Palian at Ban Yan Ta Khaow , Trang (X.236)

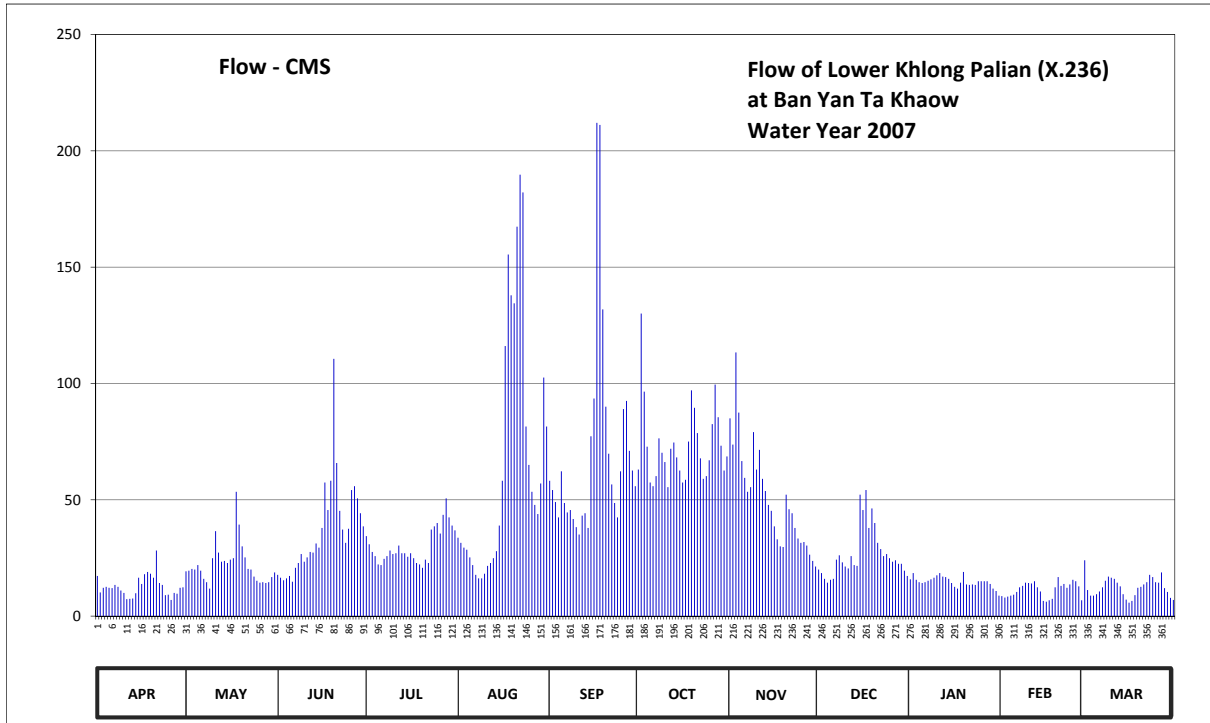
Lat 07 - 22 - 20 N Long 99 - 40 - 39 E

Location : on right bank at Ban Yan Ta Khaow.

	Ban	Yan Ta Khaow	Amphoe	Yan Ta Khaow	Changwat	Trang
Drainage Area	587	sq.km.				
Type of Gage	Water - stage recorder					
Zero Gage at Bottom	+0.000 m. (MSL.)					
Bench Mark	B.M.-H.D.					
Location BM	Near the gage site.				Elevation	+5.628 m. (MSL.)
Gage Reading Frequency	Recording					
Basis of Mean Daily Gage Height	Arithmetic means 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 26 discharge measurements made in 2007.					

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.65	0.73	0.67	1.24	1.22	1.88	2.00	2.50	0.76	0.59	0.23	0.90	
2	0.31	0.74	0.62	1.13	1.15	1.78	3.35	2.26	0.70	0.70	0.20	0.36	
3	0.41	0.77	0.57	1.02	1.08	1.65	2.73	3.06	0.60	0.58	0.22	0.24	
4	0.43	0.76	0.61	0.96	1.05	1.47	2.24	2.55	0.52	0.53	0.24	0.24	
5	0.41	0.83	0.65	0.84	0.94	1.98	1.86	2.09	0.58	0.51	0.26	0.27	
6	0.40	0.74	0.54	0.83	0.83	1.64	1.82	1.91	0.60	0.53	0.32	0.33	
7	0.47	0.60	0.79	0.92	0.67	1.53	1.93	1.76	0.91	0.56	0.42	0.42	
8	0.43	0.53	0.86	0.96	0.61	1.56	2.32	1.81	0.97	0.59	0.45	0.56	
9	0.35	0.39	0.99	1.04	0.61	1.45	2.18	2.38	0.87	0.62	0.52	0.64	
10	0.30	0.93	0.88	0.99	0.69	1.35	2.08	2.00	0.81	0.66	0.51	0.62	
11	0.15	1.30	0.94	1.00	0.82	1.26	1.81	2.21	0.78	0.70	0.50	0.60	
12	0.16	1.01	1.02	1.11	0.86	1.49	2.22	1.90	0.96	0.64	0.55	0.52	
13	0.17	0.88	1.01	1.00	0.93	1.52	2.28	1.77	0.83	0.63	0.42	0.44	
14	0.29	0.89	1.14	1.00	1.03	1.34	2.13	1.62	0.82	0.60	0.33	0.27	
15	0.62	0.86	1.08	0.95	1.37	2.34	1.99	1.55	1.73	0.51	0.10	0.14	
16	0.49	0.91	1.34	1.00	1.88	2.67	1.86	1.36	1.56	0.43	0.08	0.05	
17	0.68	0.93	1.86	0.93	3.11	4.40	1.89	1.20	1.78	0.39	0.12	0.10	
18	0.72	1.76	1.56	0.86	3.72	4.39	2.29	1.10	1.34	0.52	0.16	0.25	
19	0.69	1.38	1.88	0.84	3.47	3.38	2.74	1.09	1.58	0.72	0.42	0.41	
20	0.62	1.10	3.01	0.79	3.42	2.60	2.59	1.73	1.40	0.48	0.63	0.43	
21	1.04	0.94	2.07	0.91	3.88	2.17	2.37	1.57	1.15	0.47	0.45	0.48	
22	0.51	0.77	1.55	0.86	4.15	1.84	2.12	1.52	1.06	0.48	0.49	0.53	
23	0.47	0.76	1.32	1.32	4.06	1.64	1.90	1.34	0.96	0.47	0.41	0.67	
24	0.25	0.64	1.15	1.36	2.43	1.47	1.93	1.21	0.99	0.55	0.48	0.63	
25	0.26	0.56	1.33	1.40	2.05	1.98	2.10	1.15	0.93	0.55	0.58	0.53	
26	0.13	0.52	1.78	1.27	1.76	2.58	2.45	1.16	0.88	0.55	0.55	0.52	
27	0.30	0.53	1.82	1.50	1.62	2.65	2.79	1.11	0.90	0.55	0.44	0.71	
28	0.28	0.51	1.69	1.69	1.51	2.20	2.51	0.98	0.85	0.49	0.12	0.40	
29	0.41	0.53	1.52	1.47	1.85	1.99	2.25	0.89	0.85	0.39	0.98	0.32	
30	0.42	0.63	1.36	1.37	2.85	1.82	1.99	0.81	0.74	0.34		0.19	
31		0.71		1.31	2.43		2.14		0.65	0.24		0.13	
Mean	0.43	0.81	1.25	1.09	1.87	2.07	2.22	1.65	0.97	0.53	0.39	0.42	
Max	1.04	1.76	3.01	1.69	4.15	4.40	3.35	3.06	1.78	0.72	0.98	0.90	4.40
Min	0.13	0.39	0.54	0.79	0.61	1.26	1.81	0.81	0.52	0.24	0.08	0.05	0.05
Annual Max Momentary Gage Height	4.64		m. (MSL.) ,				at 18.00 Hours , on Sep 17 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed -1.02	m. (MSL.)					
Left Bank Elevation	7.44		m. (MSL.) ,										
Right Bank Elevation	7.44		m. (MSL.) ,			Drainage Are	587	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.25	19.25	17.75	34.40	33.70	58.20	63.00	85.00	20.00	15.80	8.60	24.00	
2	10.20	19.50	16.50	30.90	31.50	54.20	130.00	73.70	18.50	18.50	8.00	11.20	
3	12.20	20.25	15.40	27.60	29.40	49.00	96.50	113.30	16.00	15.60	8.40	8.80	
4	12.60	20.00	16.25	25.80	28.50	42.45	72.80	87.50	14.40	14.60	8.80	8.80	
5	12.20	21.90	17.25	22.20	25.20	62.20	57.40	66.60	15.60	14.20	9.20	9.40	
6	12.00	19.50	14.80	21.90	21.90	48.60	55.80	59.40	16.00	14.60	10.40	10.60	
7	13.40	16.00	20.75	24.60	17.75	44.55	60.20	53.40	24.30	15.20	12.40	12.40	
8	12.60	14.60	22.80	25.80	16.25	45.60	76.40	55.40	26.10	15.80	13.00	15.20	
9	11.00	11.80	26.70	28.20	16.25	41.75	70.20	79.10	23.10	16.50	14.40	17.00	
10	10.00	24.90	23.40	26.70	18.25	38.25	66.20	63.00	21.30	17.50	14.20	16.50	
11	7.25	36.50	25.20	27.00	21.60	35.10	55.40	71.45	20.50	18.50	14.00	16.00	
12	7.40	27.30	27.60	30.30	22.80	43.15	71.90	59.00	25.80	17.00	15.00	14.40	
13	7.55	23.40	27.30	27.00	24.90	44.20	74.60	53.80	21.90	16.75	12.40	12.80	
14	9.80	23.70	31.20	27.00	27.90	37.90	68.20	47.80	21.60	16.00	10.60	9.40	
15	16.50	22.80	29.40	25.50	38.95	77.30	62.60	45.25	52.20	14.20	6.50	7.10	
16	13.80	24.30	37.90	27.00	58.20	93.50	57.40	38.60	45.60	12.60	6.20	5.75	
17	18.00	24.90	57.40	24.90	116.05	212.00	58.60	33.00	54.20	11.80	6.80	6.50	
18	19.00	53.40	45.60	22.80	155.40	211.10	75.05	30.00	37.90	14.40	7.40	9.00	
19	18.25	39.30	58.20	22.20	137.90	131.80	97.00	29.70	46.30	19.00	12.40	12.20	
20	16.50	30.00	110.55	20.75	134.40	90.00	89.50	52.20	40.00	13.60	16.75	12.60	
21	28.20	25.20	65.80	24.30	167.40	69.80	78.65	45.95	31.50	13.40	13.00	13.60	
22	14.20	20.25	45.25	22.80	189.75	56.60	67.80	44.20	28.80	13.60	13.80	14.60	
23	13.40	20.00	37.20	37.20	182.10	48.60	59.00	37.90	25.80	13.40	12.20	17.75	
24	9.00	17.00	31.50	38.60	81.50	42.45	60.20	33.35	26.70	15.00	13.60	16.75	
25	9.20	15.20	37.55	40.00	65.00	62.20	67.00	31.50	24.90	15.00	15.60	14.60	
26	6.95	14.40	54.20	35.45	53.40	89.00	82.50	31.80	23.40	15.00	15.00	14.40	
27	10.00	14.60	55.80	43.50	47.80	92.50	99.50	30.30	24.00	15.00	12.80	18.75	
28	9.60	14.20	50.60	50.60	43.85	71.00	85.50	26.40	22.50	13.80	6.80	12.00	
29	12.20	14.60	44.20	42.45	57.00	62.60	73.25	23.70	22.50	11.80	26.40	10.40	
30	12.40	16.75	38.60	38.95	102.50	55.80	62.60	21.30	19.50	10.80		7.85	
31		18.75		36.85	81.50		68.60		17.25	8.80		6.95	
Total	382.65	684.25	1102.65	933.25	2048.60	2111.40	2263.35	1523.60	828.15	457.75	344.65	387.30	13067.60 CMSDAY
Mean	12.75	22.07	36.75	30.10	66.08	70.38	73.01	50.79	26.71	14.77	11.88	12.49	35.70 CMS
Max	28.20	53.40	110.55	50.60	189.75	212.00	130.00	113.30	54.20	19.00	26.40	24.00	212.00 CMS
Min	6.95	11.80	14.80	20.75	16.25	35.10	55.40	21.30	14.40	8.80	6.20	5.75	5.75 CMS
Runoff	33.06	59.12	95.27	80.63	177.00	182.42	195.55	131.64	71.55	39.55	29.78	33.46	1129.04 MCM
Momentary Peak		236.60	CMS.	at 4.64 m. (MSL.)	at 18.00 Hours	, on Sep 17	, 2007						
Runoff Yield		60.91	Liters/Second/Square KM.		Momentary Peak Yield	402.51	Liters/Second/Square KM.						

WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong 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.	
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 abutment of the bridge.		Elevation +50.316 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic means 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 28 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	45.09	45.10	45.00	45.02	45.06	45.20	45.20	45.37	45.20	45.26	45.10	45.17	
2	45.12	45.07	45.00	45.03	45.03	45.24	45.20	45.55	45.19	45.25	45.10	45.15	
3	45.19	45.03	45.05	45.04	45.02	45.16	45.21	45.43	45.18	45.26	45.11	45.14	
4	45.05	44.99	45.65	45.04	45.01	45.13	45.24	45.33	45.17	45.26	45.10	45.13	
5	44.97	44.98	45.25	45.03	45.01	45.09	45.26	45.28	45.18	45.24	45.10	45.11	
6	44.97	44.97	45.15	45.41	45.01	45.08	45.30	45.27	45.56	45.23	45.09	45.10	
7	44.97	44.98	45.22	45.36	45.05	45.10	45.24	45.27	45.70	45.23	45.09	45.11	
8	45.06	44.95	45.25	45.29	45.04	45.12	45.16	45.73	45.55	45.21	45.10	45.06	
9	45.16	44.99	45.15	45.17	45.09	45.10	45.19	45.53	45.36	45.19	45.08	45.05	
10	45.14	45.03	45.11	45.13	45.06	45.10	45.29	45.46	45.31	45.20	45.08	45.04	
11	45.02	45.03	45.09	45.11	45.06	45.17	45.41	45.56	45.46	45.20	45.08	45.03	
12	45.00	44.96	45.18	45.08	45.08	45.18	45.34	45.38	45.51	45.20	45.07	45.02	
13	45.03	44.94	45.10	45.09	45.11	45.06	45.47	45.35	45.34	45.20	45.07	45.01	
14	45.01	44.93	45.07	45.11	45.20	45.38	45.40	45.30	45.80	45.19	45.05	45.02	
15	44.97	44.94	45.05	45.08	45.18	45.51	45.15	45.27	45.86	45.16	45.06	45.02	
16	44.94	44.97	45.10	45.07	45.50	45.40	45.19	45.26	45.66	45.17	45.07	45.02	
17	44.93	45.00	45.07	45.05	45.21	45.26	45.22	45.24	46.13	45.23	45.06	45.01	
18	44.92	45.03	45.10	45.06	45.17	45.16	45.17	45.39	45.69	45.22	45.06	45.01	
19	44.93	45.12	45.06	45.05	45.39	45.12	45.15	45.32	45.56	45.18	45.07	45.03	
20	44.96	45.07	45.09	45.08	45.30	45.13	45.68	45.28	45.47	45.16	45.06	45.03	
21	44.92	44.98	45.07	45.12	45.19	45.11	45.45	45.33	45.39	45.16	45.07	45.02	
22	44.93	45.06	45.13	45.08	45.13	45.09	45.33	45.26	45.32	45.16	45.06	45.03	
23	44.93	45.03	45.14	45.08	45.09	45.05	45.25	45.24	45.30	45.13	45.07	45.03	
24	44.94	45.02	45.09	45.09	45.10	45.15	45.22	45.21	45.30	45.13	45.08	45.03	
25	44.93	44.99	45.12	45.09	45.11	45.13	45.20	45.20	45.31	45.13	45.09	45.03	
26	44.92	44.97	45.16	45.08	45.09	45.21	45.22	45.20	45.31	45.13	45.09	45.03	
27	44.92	44.96	45.10	45.48	45.17	45.11	45.19	45.19	45.31	45.12	45.08	45.03	
28	44.98	44.96	45.06	45.34	45.31	45.16	45.20	45.19	45.31	45.11	45.09	45.01	
29	44.99	44.99	45.05	45.19	45.23	45.11	45.17	45.19	45.29	45.12	45.20	45.04	
30	45.22	44.98	45.04	45.12	45.48	45.15	45.21	45.22	45.28	45.15		45.03	
31		45.01		45.09	45.25		45.50		45.28	45.15		45.04	
Mean	45.00	45.00	45.12	45.13	45.15	45.17	45.27	45.33	45.43	45.18	45.08	45.05	
Max	45.22	45.12	45.65	45.48	45.50	45.51	45.68	45.73	46.13	45.26	45.20	45.17	46.13
Min	44.92	44.93	45.00	45.02	45.01	45.05	45.15	45.19	45.17	45.11	45.05	45.01	44.92
Annual Max Momentary Gage Height	47.70		m. (MSL.) ,				at 19.00 Hours , on Nov 8 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	44.56	m. (MSL.)					
Left Bank Elevation		50.23	m. (MSL.) ,										
Right Bank Elevation		50.15	m. (MSL.) ,			Drainage Are	89	Square Kilometers					

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Cheang at Ban Khlong Hak , Satun (X.238)

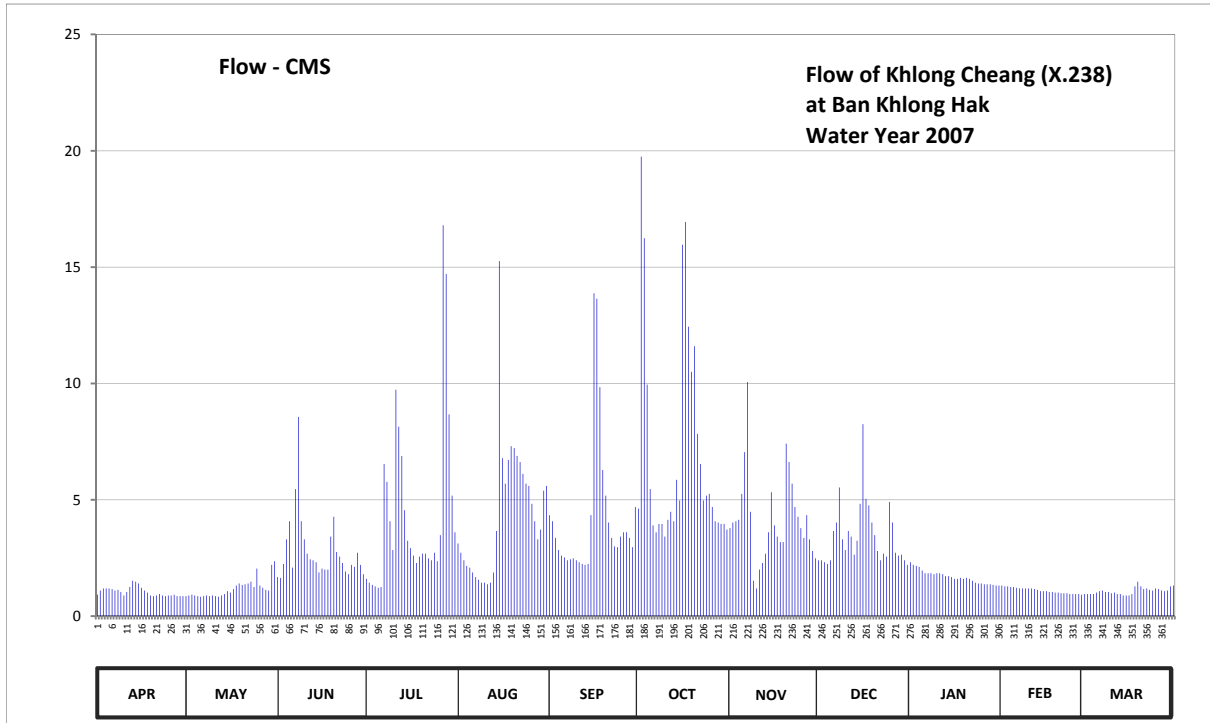
Lat 06 - 48 - 19 N Long 100 - 07 - 50 E

Location : on left bank at Ban Khlong Hak.

	Ban Khlong Hak	Amphoe Khuan Don	Changwat Satun
Drainage Area	77 sq.km.		
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 at the abutment of the bridge.	Elevation	+37.552 m. (MSL.)
Gage Reading Frequency	Recording		
Basis of Mean Daily Gage Height	Arithmetic means 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 30 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.04	32.02	32.27	32.25	32.62	32.82	32.86	32.73	32.45	32.43	32.17	32.05	
2	32.10	32.03	32.26	32.21	32.53	32.78	34.21	32.77	32.45	32.40	32.16	32.05	
3	32.13	32.04	32.41	32.18	32.45	32.66	33.96	32.78	32.43	32.39	32.16	32.05	
4	32.13	32.03	32.65	32.16	32.39	32.56	33.45	32.79	32.41	32.38	32.15	32.05	
5	32.13	32.02	32.78	32.14	32.37	32.50	32.98	32.95	32.45	32.34	32.15	32.07	
6	32.12	32.01	32.37	32.15	32.32	32.48	32.75	33.17	32.71	32.31	32.14	32.09	
7	32.10	32.02	32.98	33.11	32.27	32.45	32.70	33.46	32.77	32.31	32.13	32.10	
8	32.11	32.03	33.32	33.02	32.24	32.46	32.76	32.84	32.99	32.31	32.13	32.08	
9	32.08	32.02	32.78	32.78	32.21	32.47	32.76	32.23	32.65	32.30	32.13	32.08	
10	32.03	32.03	32.65	32.56	32.21	32.45	32.67	32.13	32.56	32.31	32.13	32.06	
11	32.08	32.02	32.52	33.43	32.19	32.43	32.79	32.35	32.71	32.31	32.13	32.07	
12	32.15	32.01	32.46	33.28	32.21	32.41	32.84	32.42	32.67	32.30	32.12	32.05	
13	32.23	32.03	32.45	33.15	32.32	32.40	32.78	32.52	32.51	32.28	32.11	32.05	
14	32.22	32.05	32.43	32.85	32.71	32.41	33.03	32.70	32.64	32.28	32.09	32.03	
15	32.20	32.09	32.32	32.64	33.89	32.82	32.91	32.96	32.89	32.27	32.09	32.03	
16	32.14	32.07	32.36	32.58	33.14	33.79	33.94	32.75	33.29	32.25	32.09	32.03	
17	32.10	32.12	32.35	32.50	33.01	33.77	34.01	32.67	32.92	32.25	32.08	32.05	
18	32.07	32.17	32.35	32.42	33.13	33.44	33.67	32.63	32.88	32.26	32.08	32.16	
19	32.03	32.20	32.67	32.49	33.20	33.08	33.50	32.63	32.77	32.25	32.07	32.22	
20	32.02	32.18	32.81	32.52	33.19	32.94	33.60	33.21	32.68	32.26	32.07	32.16	
21	32.03	32.19	32.54	32.52	33.15	32.77	33.25	33.12	32.55	32.25	32.06	32.12	
22	32.05	32.20	32.49	32.47	33.12	32.66	33.11	33.01	32.45	32.23	32.06	32.13	
23	32.03	32.22	32.42	32.45	33.06	32.60	32.91	32.87	32.52	32.21	32.06	32.11	
24	32.02	32.15	32.33	32.53	33.01	32.59	32.94	32.81	32.49	32.20	32.05	32.10	
25	32.03	32.36	32.30	32.44	33.00	32.67	32.95	32.73	32.90	32.20	32.05	32.13	
26	32.03	32.17	32.40	32.68	32.89	32.70	32.87	32.66	32.77	32.19	32.05	32.12	
27	32.04	32.14	32.38	34.00	32.78	32.70	32.78	32.82	32.53	32.19	32.05	32.10	
28	32.02	32.11	32.53	33.85	32.65	32.66	32.77	32.65	32.50	32.19	32.04	32.09	
29	32.02	32.10	32.40	33.33	32.72	32.59	32.76	32.55	32.51	32.18	32.04	32.10	
30	32.02	32.40	32.30	32.94	32.97	32.87	32.76	32.47	32.45	32.17	32.04	32.16	
31		32.44		32.70	33.00		32.72		32.40	32.17		32.17	
Mean	32.08	32.12	32.51	32.72	32.74	32.73	33.10	32.75	32.64	32.27	32.10	32.09	
Max	32.23	32.44	33.32	34.00	33.89	33.79	34.21	33.46	33.29	32.43	32.17	32.22	34.21
Min	32.02	32.01	32.26	32.14	32.19	32.40	32.67	32.13	32.40	32.17	32.04	32.03	32.01
Annual Max Momentary Gage Height	34.34		m. (MSL.) ,				at 06.00 Hours , on Oct 2 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,			River Bed	31.58	m. (MSL.)					
Left Bank Elevation		37.81		m. (MSL.) ,									
Right Bank Elevation		37.77		m. (MSL.) ,		Drainage Are	77	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.92	0.86	1.68	1.60	3.12	4.34	4.62	3.78	2.40	2.32	1.31	0.95	
2	1.10	0.89	1.64	1.44	2.72	4.08	19.75	4.02	2.40	2.20	1.28	0.95	
3	1.19	0.92	2.24	1.34	2.40	3.36	16.24	4.08	2.32	2.16	1.28	0.95	
4	1.19	0.89	3.30	1.28	2.16	2.84	9.95	4.14	2.24	2.12	1.25	0.95	
5	1.19	0.86	4.08	1.22	2.08	2.60	5.46	5.25	2.40	1.96	1.25	1.01	
6	1.16	0.83	2.08	1.25	1.88	2.52	3.90	7.05	3.66	1.84	1.22	1.07	
7	1.10	0.86	5.46	6.54	1.68	2.40	3.60	10.06	4.02	1.84	1.19	1.10	
8	1.13	0.89	8.56	5.77	1.56	2.44	3.96	4.48	5.53	1.84	1.19	1.04	
9	1.04	0.86	4.08	4.08	1.44	2.48	3.96	1.52	3.30	1.80	1.19	1.04	
10	0.89	0.89	3.30	2.84	1.44	2.40	3.42	1.19	2.84	1.84	1.19	0.98	
11	1.04	0.86	2.68	9.73	1.37	2.32	4.14	2.00	3.66	1.84	1.19	1.01	
12	1.25	0.83	2.44	8.14	1.44	2.24	4.48	2.28	3.42	1.80	1.16	0.95	
13	1.52	0.89	2.40	6.88	1.88	2.20	4.08	2.68	2.64	1.72	1.13	0.95	
14	1.48	0.95	2.32	4.55	3.66	2.24	5.86	3.60	3.24	1.72	1.07	0.89	
15	1.40	1.07	1.88	3.24	15.26	4.34	4.97	5.32	4.83	1.68	1.07	0.89	
16	1.22	1.01	2.04	2.92	6.79	13.88	15.96	3.90	8.25	1.60	1.07	0.89	
17	1.10	1.16	2.00	2.60	5.69	13.64	16.94	3.42	5.04	1.60	1.04	0.95	
18	1.01	1.31	2.00	2.28	6.71	9.84	12.44	3.18	4.76	1.64	1.04	1.28	
19	0.89	1.40	3.42	2.56	7.30	6.28	10.50	3.18	4.02	1.60	1.01	1.48	
20	0.86	1.34	4.27	2.68	7.22	5.18	11.60	7.41	3.48	1.64	1.01	1.28	
21	0.89	1.37	2.76	2.68	6.88	4.02	7.83	6.62	2.80	1.60	0.98	1.16	
22	0.95	1.40	2.56	2.48	6.62	3.36	6.54	5.69	2.40	1.52	0.98	1.19	
23	0.89	1.48	2.28	2.40	6.11	3.00	4.97	4.69	2.68	1.44	0.98	1.13	
24	0.86	1.25	1.92	2.72	5.69	2.96	5.18	4.27	2.56	1.40	0.95	1.10	
25	0.89	2.04	1.80	2.36	5.60	3.42	5.25	3.78	4.90	1.40	0.95	1.19	
26	0.89	1.31	2.20	3.48	4.83	3.60	4.69	3.36	4.02	1.37	0.95	1.16	
27	0.92	1.22	2.12	16.80	4.08	3.60	4.08	4.34	2.72	1.37	0.95	1.10	
28	0.86	1.13	2.72	14.70	3.30	3.36	4.02	3.30	2.60	1.37	0.92	1.07	
29	0.86	1.10	2.20	8.67	3.72	2.96	3.96	2.80	2.64	1.34	0.92	1.10	
30	0.86	2.20	1.80	5.18	5.39	4.69	3.96	2.48	2.40	1.31		1.28	
31		2.36		3.60	5.60		3.72		2.20	1.31		1.31	
Total	31.55	36.43	84.23	138.01	135.62	126.59	220.03	123.87	106.37	52.19	31.72	33.40	1120.01 CMSDAY
Mean	1.05	1.18	2.81	4.45	4.37	4.22	7.10	4.13	3.43	1.68	1.09	1.08	3.06 CMS
Max	1.52	2.36	8.56	16.80	15.26	13.88	19.75	10.06	8.25	2.32	1.31	1.48	19.75 CMS
Min	0.86	0.83	1.64	1.22	1.37	2.20	3.42	1.19	2.20	1.31	0.92	0.89	0.83 CMS
Runoff	2.73	3.15	7.28	11.92	11.72	10.94	19.01	10.70	9.19	4.51	2.74	2.89	96.77 MCM
Momentary Peak	21.70	CMS. at 34.34 m. (MSL.) at 06.00 Hours , on Oct 2 , 2007											
Runoff Yield	39.53	Liters/Second/Square KM. Momentary Peak Yield 279.53 Liters/Second/Square KM.											

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khleng Duson at Ban Cha Lung Nua , Satun (X.239)

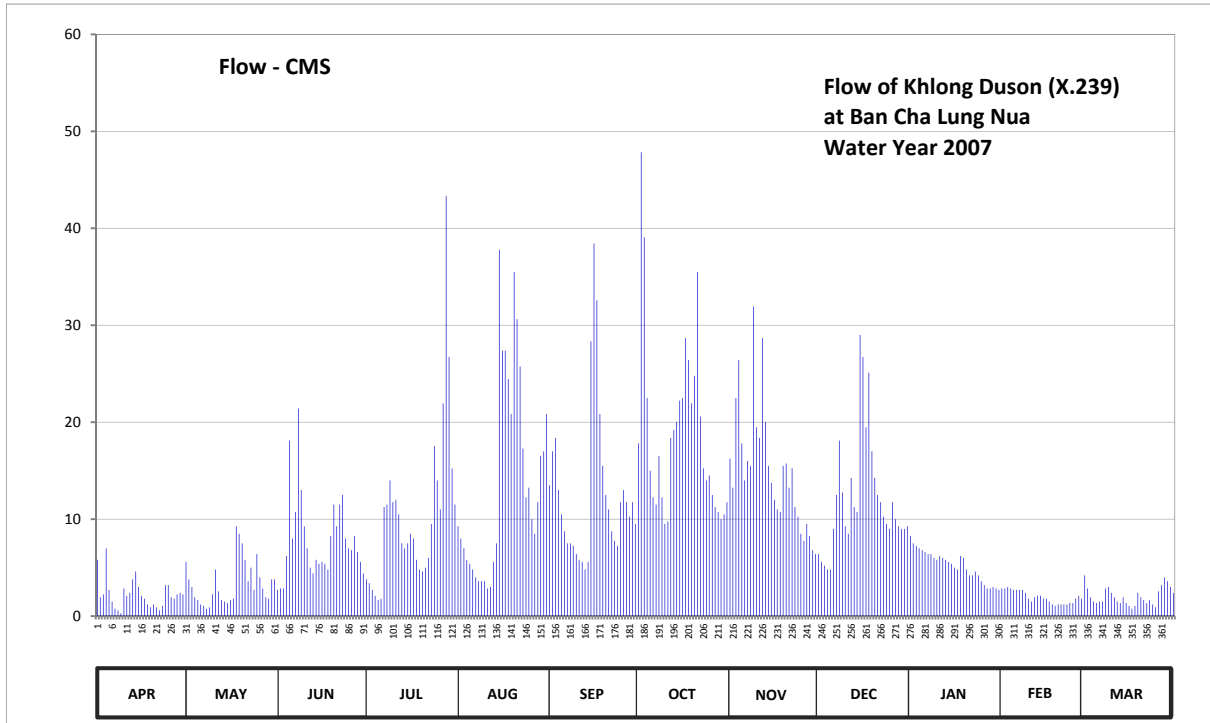
Lat 06 - 43 - 38 N Long 100 - 03 - 50 E

Location : on right bank at Ban Cha Lung Nua.

	Ban Cha Lung Nua	Amphoe Mueang	Changwat Satun
Drainage Area	267 sq.km.		
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 top staff gage.	Elevation	+17.044 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 28 discharge measurements made in 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.74	13.73	13.58	13.64	13.89	14.06	14.23	14.17	13.77	13.85	13.59	13.66	
2	13.53	13.64	13.59	13.62	13.84	14.20	15.39	14.05	13.73	13.82	13.59	13.59	
3	13.55	13.60	13.59	13.58	13.80	14.25	14.91	14.40	13.71	13.81	13.60	13.53	
4	13.80	13.53	13.76	13.54	13.74	14.04	14.40	14.52	13.69	13.80	13.59	13.50	
5	13.58	13.51	14.24	13.51	13.72	13.94	14.12	14.23	13.69	13.79	13.58	13.49	
6	13.50	13.48	13.84	13.52	13.69	13.87	14.01	14.08	13.88	13.78	13.58	13.50	
7	13.45	13.47	13.95	13.97	13.65	13.82	13.98	14.16	14.02	13.77	13.58	13.50	
8	13.44	13.45	14.36	13.98	13.63	13.82	14.18	14.14	14.24	13.77	13.58	13.59	
9	13.42	13.46	14.04	14.08	13.63	13.81	14.01	14.69	14.03	13.75	13.56	13.60	
10	13.59	13.55	13.89	13.99	13.63	13.77	13.90	14.29	13.89	13.74	13.52	13.56	
11	13.54	13.69	13.80	14.00	13.59	13.74	13.91	14.25	13.86	13.76	13.50	13.53	
12	13.56	13.57	13.70	13.94	13.60	13.73	14.25	14.59	14.09	13.75	13.53	13.50	
13	13.64	13.51	13.67	13.82	13.73	13.69	14.28	14.31	13.97	13.74	13.54	13.49	
14	13.68	13.50	13.74	13.80	13.82	13.73	14.31	14.14	13.95	13.73	13.54	13.53	
15	13.60	13.49	13.72	13.82	14.87	14.58	14.39	14.07	14.60	13.72	13.52	13.49	
16	13.54	13.51	13.73	13.86	14.55	14.89	14.40	14.00	14.53	13.70	13.52	13.47	
17	13.52	13.52	13.72	13.84	14.55	14.71	14.59	13.96	14.29	13.69	13.50	13.45	
18	13.48	13.89	13.69	13.74	14.46	14.34	14.52	13.95	14.48	13.76	13.48	13.47	
19	13.46	13.86	13.85	13.69	14.34	14.14	14.38	14.14	14.20	13.75	13.47	13.56	
20	13.48	13.82	13.98	13.68	14.80	14.02	14.47	14.15	14.09	13.69	13.48	13.53	
21	13.46	13.74	13.89	13.70	14.65	13.96	14.80	14.05	14.02	13.66	13.48	13.51	
22	13.44	13.63	13.98	13.75	14.50	13.87	14.33	14.13	13.99	13.66	13.48	13.49	
23	13.47	13.70	14.02	13.90	14.21	13.83	14.13	13.97	13.93	13.68	13.48	13.51	
24	13.61	13.58	13.84	14.22	14.01	13.81	14.08	13.93	13.90	13.66	13.49	13.48	
25	13.61	13.77	13.80	14.08	14.05	13.99	14.10	13.86	13.88	13.63	13.49	13.46	
26	13.53	13.65	13.79	13.96	13.92	14.04	14.02	13.83	13.99	13.61	13.52	13.57	
27	13.52	13.59	13.85	14.38	13.86	13.99	13.97	13.90	13.92	13.59	13.54	13.61	
28	13.55	13.53	13.78	15.09	13.99	13.93	13.95	13.85	13.89	13.59	13.52	13.65	
29	13.56	13.52	13.73	14.53	14.18	13.99	13.92	13.79	13.88	13.60	13.65	13.63	
30	13.55	13.64	13.67	14.13	14.20	13.90	13.94	13.77	13.88	13.59	13.60	13.60	
31		13.64		13.98	14.34		13.99		13.89	13.58		13.56	
Mean	13.55	13.61	13.83	13.91	14.05	14.02	14.25	14.11	14.00	13.71	13.53	13.54	
Max	13.80	13.89	14.36	15.09	14.87	14.89	15.39	14.69	14.60	13.85	13.65	13.66	15.39
Min	13.42	13.45	13.58	13.51	13.59	13.69	13.90	13.77	13.69	13.58	13.47	13.45	13.42
Annual Max Momentary Gage Height	15.64		m. (MSL.) ,				at 12.00 Hours ,						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 12.92		m. (MSL.)				
Left Bank Elevation		17.03		m. (MSL.) ,									
Right Bank Elevation		17.03		m. (MSL.) ,			Drainage Are 267		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, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.80	5.60	2.70	3.80	9.25	13.50	17.83	16.25	6.40	8.25	2.85	4.20	
2	1.95	3.80	2.85	3.40	8.00	17.00	47.85	13.25	5.60	7.50	2.85	2.85	
3	2.25	3.00	2.85	2.70	7.00	18.38	39.08	22.50	5.20	7.25	3.00	1.95	
4	7.00	1.95	6.20	2.10	5.80	13.00	22.50	26.40	4.80	7.00	2.85	1.50	
5	2.70	1.65	18.10	1.65	5.40	10.50	15.00	17.83	4.80	6.80	2.70	1.35	
6	1.50	1.20	8.00	1.80	4.80	8.75	12.25	14.00	9.00	6.60	2.70	1.50	
7	0.75	1.05	10.75	11.25	4.00	7.50	11.50	16.00	12.50	6.40	2.70	1.50	
8	0.60	0.75	21.40	11.50	3.60	7.50	16.50	15.50	18.10	6.40	2.70	2.85	
9	0.30	0.90	13.00	14.00	3.60	7.25	12.25	31.93	12.75	6.00	2.40	3.00	
10	2.85	2.25	9.25	11.75	3.60	6.40	9.50	19.48	9.25	5.80	1.80	2.40	
11	2.10	4.80	7.00	12.00	2.85	5.80	9.75	18.38	8.50	6.20	1.50	1.95	
12	2.40	2.55	5.00	10.50	3.00	5.60	18.38	28.68	14.25	6.00	1.95	1.50	
13	3.80	1.65	4.40	7.50	5.60	4.80	19.20	20.03	11.25	5.80	2.10	1.35	
14	4.60	1.50	5.80	7.00	7.50	5.60	20.03	15.50	10.75	5.60	2.10	1.95	
15	3.00	1.35	5.40	7.50	37.78	28.35	22.23	13.75	29.00	5.40	1.80	1.35	
16	2.10	1.65	5.60	8.50	27.38	38.43	22.50	12.00	26.73	5.00	1.80	1.05	
17	1.80	1.80	5.40	8.00	27.38	32.58	28.68	11.00	19.48	4.80	1.50	0.75	
18	1.20	9.25	4.80	5.80	24.45	20.85	26.40	10.75	25.10	6.20	1.20	1.05	
19	0.90	8.50	8.25	4.80	20.85	15.50	21.95	15.50	17.00	6.00	1.05	2.40	
20	1.20	7.50	11.50	4.60	35.50	12.50	24.78	15.75	14.25	4.80	1.20	1.95	
21	0.90	5.80	9.25	5.00	30.63	11.00	35.50	13.25	12.50	4.20	1.20	1.65	
22	0.60	3.60	11.50	6.00	25.75	8.75	20.58	15.25	11.75	4.20	1.20	1.35	
23	1.05	5.00	12.50	9.50	17.28	7.75	15.25	11.25	10.25	4.60	1.20	1.65	
24	3.20	2.70	8.00	17.55	12.25	7.25	14.00	10.25	9.50	4.20	1.35	1.20	
25	3.20	6.40	7.00	14.00	13.25	11.75	14.50	8.50	9.00	3.60	1.35	0.90	
26	1.95	4.00	6.80	11.00	10.00	13.00	12.50	7.75	11.75	3.20	1.80	2.55	
27	1.80	2.85	8.25	21.95	8.50	11.75	11.25	9.50	10.00	2.85	2.10	3.20	
28	2.25	1.95	6.60	43.35	11.75	10.25	10.75	8.25	9.25	2.85	1.80	4.00	
29	2.40	1.80	5.60	26.73	16.50	11.75	10.00	6.80	9.00	3.00	4.00	3.60	
30	2.25	3.80	4.40	15.25	17.00	9.50	10.50	6.40	9.00	2.85		3.00	
31		3.80		11.50	20.85		11.75		9.25	2.70		2.40	
Total	68.40	104.40	238.15	321.98	431.10	382.54	584.74	451.68	375.96	162.05	58.75	63.90	3243.65 CMSDAY
Mean	2.28	3.37	7.94	10.39	13.91	12.75	18.86	15.06	12.13	5.23	2.03	2.06	8.86 CMS
Max	7.00	9.25	21.40	43.35	37.78	38.43	47.85	31.93	29.00	8.25	4.00	4.20	47.85 CMS
Min	0.30	0.75	2.70	1.65	2.85	4.80	9.50	6.40	4.80	2.70	1.05	0.75	0.30 CMS
Runoff	5.91	9.02	20.58	27.82	37.25	33.05	50.52	39.03	32.48	14.00	5.08	5.52	280.25 MCM
Momentary Peak	53.00	CMS.	at 15.64 m. (MSL.)	at 12.00 Hours	on Oct 2, 2007								
Runoff Yield	33.21	Liters/Second/Square KM.		Momentary Peak Yield	198.06	Liters/Second/Square KM.							

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Phangnga at Ban Bang Tong , Phangnga (X.245)

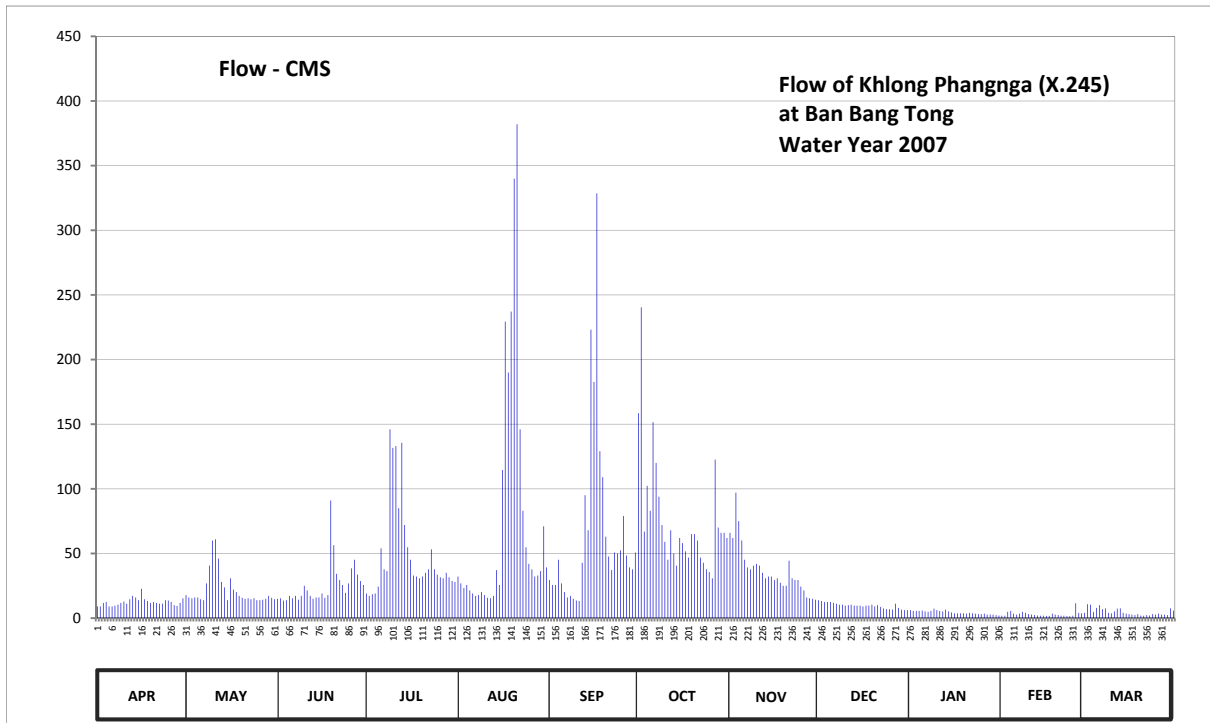
Lat 08 - 30 - 49 N Long 98 - 30 - 15 E

Location : on right bank at Ban Bang Tong.

	Ban Bang Tong	Amphoe Mueang	Changwat Phangnga
Drainage Area	242 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 gage site.	Elevation	+18.532 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	2006 to date		
Rating Operation			
Period of Rating	2006 to date		
Rated by Flot	-		
Rated by Current Meter	2006 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 2007.		

Gage Height in Meter (MSL.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.60	9.83	9.77	9.85	10.06	10.02	11.29	10.48	9.74	9.52	9.39	9.46	
2	9.60	9.80	9.78	9.82	9.98	9.96	11.84	10.44	9.72	9.50	9.39	9.65	
3	9.68	9.78	9.73	9.84	9.92	9.96	10.49	10.79	9.70	9.50	9.48	9.64	
4	9.70	9.80	9.74	9.85	9.96	10.24	10.84	10.57	9.70	9.50	9.50	9.48	
5	9.60	9.80	9.82	9.94	9.89	9.98	10.65	10.42	9.70	9.51	9.44	9.57	
6	9.60	9.76	9.78	10.35	9.85	9.87	11.24	10.24	9.68	9.49	9.42	9.63	
7	9.62	9.74	9.82	10.14	9.82	9.80	11.00	10.16	9.66	9.48	9.44	9.54	
8	9.64	9.98	9.75	10.12	9.83	9.82	10.76	10.14	9.64	9.50	9.48	9.56	
9	9.68	10.18	9.82	11.20	9.87	9.77	10.54	10.18	9.64	9.55	9.46	9.46	
10	9.71	10.42	9.95	11.09	9.83	9.73	10.41	10.20	9.62	9.52	9.43	9.45	
11	9.66	10.43	9.89	11.10	9.79	9.72	10.24	10.18	9.63	9.50	9.42	9.49	
12	9.76	10.25	9.82	10.67	9.78	10.21	10.50	10.10	9.64	9.49	9.41	9.55	
13	9.82	10.00	9.77	11.12	9.82	10.77	10.30	10.04	9.62	9.53	9.40	9.56	
14	9.80	9.93	9.80	10.54	10.13	10.50	10.18	10.06	9.62	9.49	9.38	9.46	
15	9.74	9.74	9.80	10.36	9.96	11.73	10.44	10.06	9.62	9.47	9.38	9.44	
16	9.91	10.04	9.85	10.24	10.95	11.46	10.40	10.02	9.60	9.45	9.37	9.43	
17	9.76	9.90	9.79	10.07	11.77	12.34	10.32	10.04	9.62	9.45	9.37	9.42	
18	9.72	9.87	9.83	10.06	11.51	11.07	10.26	9.99	9.62	9.45	9.44	9.41	
19	9.68	9.82	10.73	10.04	11.82	10.90	10.47	9.95	9.64	9.45	9.42	9.43	
20	9.70	9.79	10.38	10.06	12.40	10.45	10.47	9.95	9.60	9.44	9.41	9.40	
21	9.68	9.77	10.09	10.10	12.61	10.27	10.42	10.23	9.63	9.46	9.38	9.39	
22	9.66	9.78	10.02	10.14	11.20	10.13	10.26	10.04	9.59	9.45	9.38	9.41	
23	9.66	9.76	9.96	10.34	10.65	10.31	10.21	10.02	9.56	9.44	9.36	9.40	
24	9.74	9.78	9.86	10.14	10.36	10.30	10.14	10.02	9.54	9.43	9.36	9.43	
25	9.73	9.74	9.98	10.08	10.20	10.33	10.11	9.94	9.54	9.43	9.38	9.42	
26	9.70	9.74	10.15	10.05	10.14	10.61	10.04	9.89	9.53	9.44	9.67	9.44	
27	9.63	9.75	10.24	10.04	10.06	10.28	11.02	9.80	9.66	9.42	9.46	9.42	
28	9.61	9.77	10.08	10.10	10.07	10.16	10.52	9.78	9.57	9.42	9.45	9.42	
29	9.68	9.82	10.01	10.05	10.12	10.14	10.48	9.77	9.53	9.42	9.43	9.41	
30	9.78	9.79	9.96	10.01	10.53	10.31	10.48	9.75	9.52	9.41		9.56	
31		9.76		10.00	10.16		10.44		9.52	9.40		9.51	
Mean	9.70	9.88	9.93	10.24	10.42	10.37	10.54	10.11	9.62	9.47	9.42	9.48	
Max	9.91	10.43	10.73	11.20	12.61	12.34	11.84	10.79	9.74	9.55	9.67	9.65	12.61
Min	9.60	9.74	9.73	9.82	9.78	9.72	10.04	9.75	9.52	9.40	9.36	9.39	9.36
Annual Max Momentary Gage Height	13.34		m. (MSL.) ,				at 06.00 Hours , on Aug 21 , 2007						
Zero Gage at Bottom Elevation	0.00		m. (MSL.) ,				River Bed 8.99	m. (MSL)					
Left Bank Elevation		18.38	m. (MSL.) ,										
Right Bank Elevation		18.39	m. (MSL.) ,				Drainage Are 242	Square Kilometers					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	9.00	17.80	14.95	19.00	32.20	29.40	158.60	66.00	13.90	6.20	1.90	4.10		
2	9.00	16.00	15.30	17.20	26.80	25.60	240.40	62.00	13.20	5.50	1.90	10.75		
3	11.80	15.30	13.55	18.40	23.20	25.60	67.00	97.00	12.50	5.50	4.80	10.40		
4	12.50	16.00	13.90	19.00	25.60	45.20	102.40	75.00	12.50	5.50	5.50	4.80		
5	9.00	16.00	17.20	24.40	21.40	26.80	83.00	60.00	12.50	5.85	3.40	7.95		
6	9.00	14.60	15.30	54.00	19.00	20.20	151.60	45.20	11.80	5.15	2.70	10.05		
7	9.70	13.90	17.20	37.80	17.20	16.00	120.00	39.20	11.10	4.80	3.40	6.90		
8	10.40	26.80	14.25	36.40	17.80	17.20	94.00	37.80	10.40	5.50	4.80	7.60		
9	11.80	40.60	17.20	146.00	20.20	14.95	72.00	40.60	10.40	7.25	4.10	4.10		
10	12.85	60.00	25.00	131.70	17.80	13.55	59.00	42.00	9.70	6.20	3.05	3.75		
11	11.10	61.00	21.40	133.00	15.65	13.20	45.20	40.60	10.05	5.50	2.70	5.15		
12	14.60	46.00	17.20	85.00	15.30	42.80	68.00	35.00	10.40	5.15	2.35	7.25		
13	17.20	28.00	14.95	135.60	17.20	95.00	50.00	30.80	9.70	6.55	2.00	7.60		
14	16.00	23.80	16.00	72.00	37.10	68.00	40.60	32.20	9.70	5.15	1.80	4.10		
15	13.90	13.90	16.00	54.80	25.60	223.15	62.00	32.20	9.70	4.45	1.80	3.40		
16	22.60	30.80	19.00	45.20	114.50	182.70	58.00	29.40	9.00	3.75	1.70	3.05		
17	14.60	22.00	15.65	32.90	229.35	328.60	51.60	30.80	9.70	3.75	1.70	2.70		
18	13.20	20.20	17.80	32.20	189.95	129.10	46.80	27.40	9.70	3.75	3.40	2.35		
19	11.80	17.20	91.00	30.80	237.20	109.00	65.00	25.00	10.40	3.75	2.70	3.05		
20	12.50	15.65	56.40	32.20	340.00	63.00	65.00	25.00	9.00	3.40	2.35	2.00		
21	11.80	14.95	34.30	35.00	382.10	47.60	60.00	44.40	10.05	4.10	1.80	1.90		
22	11.10	15.30	29.40	37.80	146.00	37.10	46.80	30.80	8.65	3.75	1.80	2.35		
23	11.10	14.60	25.60	53.20	83.00	50.80	42.80	29.40	7.60	3.40	1.60	2.00		
24	13.90	15.30	19.60	37.80	54.80	50.00	37.80	29.40	6.90	3.05	1.60	3.05		
25	13.55	13.90	26.80	33.60	42.00	52.40	35.70	24.40	6.90	3.05	1.80	2.70		
26	12.50	13.90	38.50	31.50	37.80	79.00	30.80	21.40	6.55	3.40	11.45	3.40		
27	10.05	14.25	45.20	30.80	32.20	48.40	122.60	16.00	11.10	2.70	4.10	2.70		
28	9.35	14.95	33.60	35.00	32.90	39.20	70.00	15.30	7.95	2.70	3.75	2.70		
29	11.80	17.20	28.70	31.50	36.40	37.80	66.00	14.95	6.55	2.70	3.05	2.35		
30	15.30	15.65	25.60	28.70	71.00	50.80	66.00	14.25	6.20	2.35	7.60			
31		14.60		28.00	39.20		62.00		6.20	2.00		5.85		
Total	373.00	680.15	756.55	1540.50	2400.45	1982.15	2340.70	1113.50	300.00	135.85	89.00	147.65	11859.50	CMSDAY
Mean	12.43	21.94	25.22	49.69	77.43	66.07	75.51	37.12	9.68	4.38	3.07	4.76	32.40	CMS
Max	22.60	61.00	91.00	146.00	382.10	328.60	240.40	97.00	13.90	7.25	11.45	10.75	382.10	CMS
Min	9.00	13.90	13.55	17.20	15.30	13.20	30.80	14.25	6.20	2.00	1.60	1.90	1.60	CMS
Runoff	32.23	58.76	65.37	133.10	207.40	171.26	202.24	96.21	25.92	11.74	7.69	12.76	1024.66	MCM
Momentary Peak	544.20 CMS. at 13.34 m. (MSL.) at 06.00 Hours , on Aug 21 , 2007													
Runoff Yield	134.07 Liters/Second/Square KM.			Momentary Peak Yield 2245.51 Liters/Second/Square KM.										

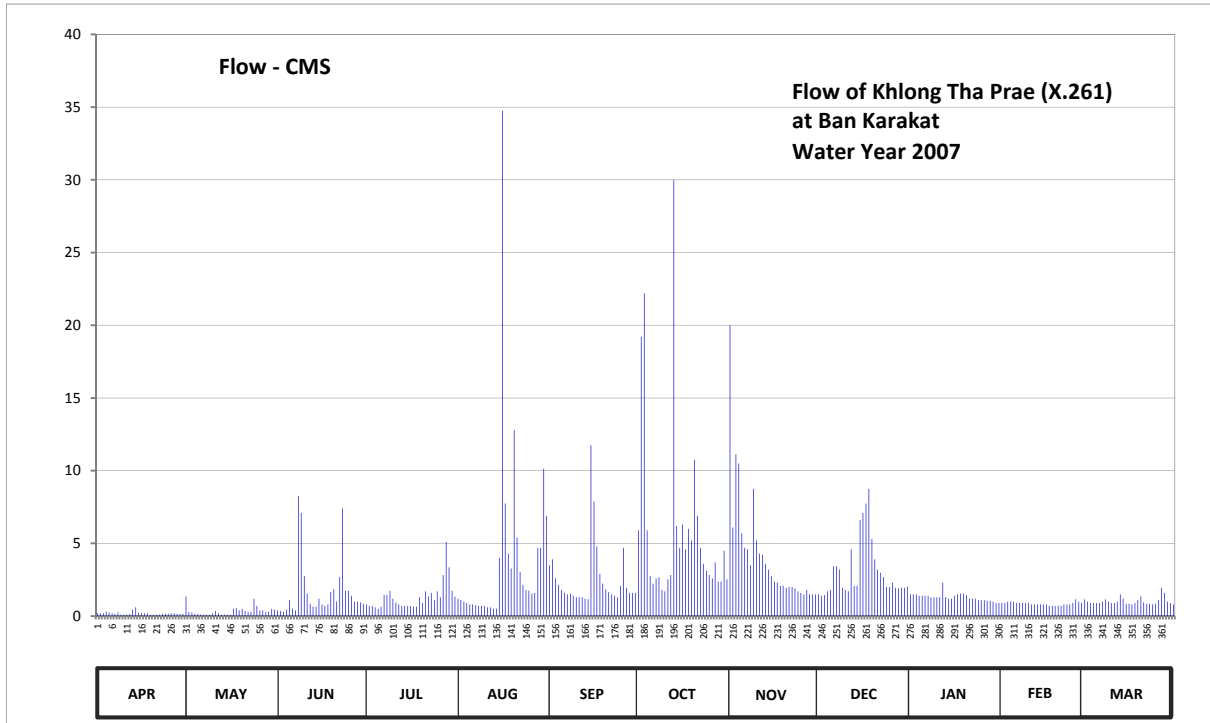
WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong Tha Prae at Ban Karakat , Satun (X.261)
 Lat 06 - 50 - 19 N Long 100 - 04 - 10 E

Location : on right bank at Ban Karakat.

	Ban Karakat	Amphoe Khuan Kalong	Changwat Satun
Drainage Area	99 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 top staff gage.		Elevation +6.451 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	2007 to date		
Rating Operation			
Period of Rating	2007 to date		
Rated by Flot	-		
Rated by Current Meter	2007 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 2007.		

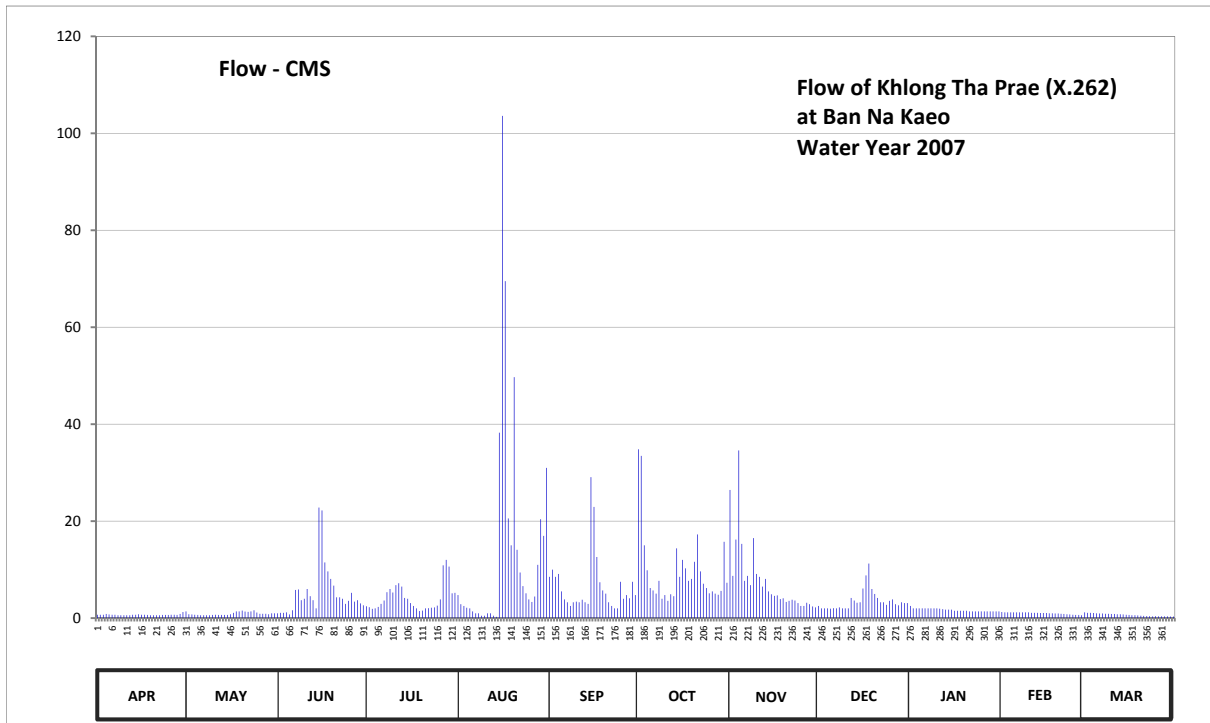
Gage Height in Meter (A.D.) Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	0.47	0.28	0.36	0.44	0.80	1.04	2.05	0.50	0.50	0.38	0.43	
2	0.24	0.26	0.27	0.34	0.42	0.84	2.01	1.06	0.48	0.50	0.38	0.40	
3	0.24	0.25	0.26	0.34	0.40	0.68	2.16	1.49	0.49	0.50	0.40	0.38	
4	0.26	0.23	0.29	0.32	0.38	0.62	1.04	1.44	0.54	0.48	0.40	0.38	
5	0.25	0.23	0.42	0.30	0.36	0.56	0.70	1.02	0.56	0.48	0.40	0.38	
6	0.24	0.22	0.30	0.33	0.36	0.52	0.63	0.92	0.79	0.48	0.38	0.38	
7	0.23	0.22	0.28	0.49	0.35	0.50	0.68	0.91	0.79	0.48	0.38	0.40	
8	0.25	0.22	1.26	0.49	0.34	0.51	0.69	0.80	0.76	0.46	0.38	0.43	
9	0.22	0.22	1.16	0.55	0.34	0.48	0.56	1.30	0.59	0.46	0.38	0.40	
10	0.22	0.24	0.70	0.44	0.34	0.46	0.54	0.97	0.56	0.46	0.38	0.38	
11	0.22	0.27	0.51	0.39	0.32	0.46	0.67	0.88	0.54	0.46	0.36	0.38	
12	0.23	0.24	0.37	0.36	0.32	0.46	0.71	0.87	0.91	0.64	0.36	0.40	
13	0.29	0.22	0.33	0.34	0.30	0.44	2.52	0.81	0.61	0.46	0.36	0.50	
14	0.32	0.22	0.33	0.34	0.30	0.43	1.07	0.76	0.61	0.44	0.36	0.44	
15	0.25	0.22	0.44	0.34	0.85	1.54	0.92	0.70	1.11	0.44	0.36	0.37	
16	0.24	0.22	0.36	0.34	2.71	1.23	1.08	0.65	1.16	0.48	0.36	0.37	
17	0.24	0.30	0.34	0.33	1.22	0.93	0.91	0.64	1.22	0.50	0.34	0.36	
18	0.24	0.31	0.36	0.33	0.88	0.72	1.05	0.61	1.30	0.51	0.34	0.38	
19	0.22	0.28	0.53	0.46	0.77	0.63	0.97	0.61	0.98	0.51	0.34	0.42	
20	0.22	0.30	0.57	0.38	1.62	0.57	1.46	0.59	0.84	0.49	0.34	0.47	
21	0.22	0.27	0.40	0.54	0.99	0.53	1.14	0.60	0.76	0.44	0.34	0.39	
22	0.22	0.26	0.69	0.47	0.74	0.50	0.92	0.60	0.73	0.44	0.36	0.37	
23	0.23	0.26	1.19	0.52	0.62	0.48	0.81	0.58	0.69	0.44	0.36	0.37	
24	0.23	0.44	0.55	0.42	0.56	0.46	0.75	0.54	0.60	0.42	0.36	0.36	
25	0.23	0.34	0.55	0.54	0.55	0.61	0.71	0.52	0.60	0.42	0.38	0.37	
26	0.24	0.28	0.48	0.46	0.51	0.92	0.68	0.50	0.64	0.42	0.43	0.42	
27	0.24	0.28	0.40	0.71	0.52	0.59	0.82	0.56	0.59	0.41	0.40	0.59	
28	0.23	0.26	0.40	0.96	0.92	0.52	0.65	0.50	0.58	0.41	0.38	0.52	
29	0.23	0.26	0.39	0.78	0.92	0.52	0.65	0.50	0.59	0.40	0.42	0.40	
30	0.23	0.30	0.37	0.55	1.41	0.52	0.90	0.50	0.59	0.38	0.38	0.38	
31		0.29		0.47	1.14		0.67		0.60	0.38		0.36	
Mean	0.24	0.27	0.49	0.45	0.71	0.63	0.97	0.82	0.72	0.46	0.37	0.41	
Max	0.32	0.47	1.26	0.96	2.71	1.54	2.52	2.05	1.30	0.64	0.43	0.59	2.71
Min	0.22	0.22	0.26	0.30	0.30	0.43	0.54	0.50	0.48	0.38	0.34	0.36	0.22
Annual Max Momentary Gage Height	3.80		m. (A.D.) ,		at 18.00 Hours , on Aug 16 , 2007								
Zero Gage at Bottom Elevation	0.00		m. (A.D.) ,		River Bed 0.00 m. (A.D.)								
Left Bank Elevation	6.07		m. (A.D.) ,										
Right Bank Elevation	6.07		m. (A.D.) ,		Drainage Are		99		Square Kilometers				



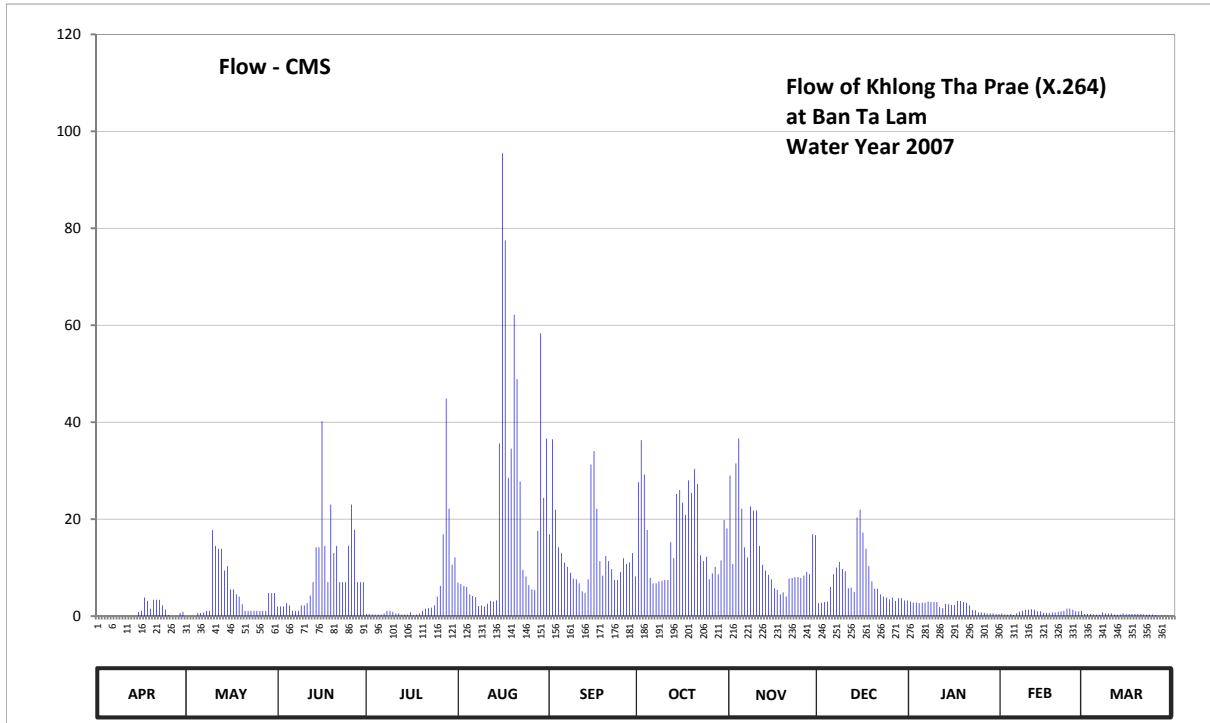
Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	1.35	0.40	0.80	1.20	3.50	5.90	20.00	1.50	1.50	0.90	1.15	
2	0.20	0.30	0.35	0.70	1.10	3.90	19.20	6.10	1.40	1.50	0.90	1.00	
3	0.20	0.25	0.30	0.70	1.00	2.60	22.20	11.13	1.45	1.50	1.00	0.90	
4	0.30	0.15	0.45	0.60	0.90	2.15	5.90	10.50	1.70	1.40	1.00	0.90	
5	0.25	0.15	1.10	0.50	0.80	1.80	2.75	5.70	1.80	1.40	1.00	0.90	
6	0.20	0.10	0.50	0.65	0.80	1.60	2.23	4.70	3.43	1.40	0.90	0.90	
7	0.15	0.10	0.40	1.45	0.75	1.50	2.60	4.60	3.43	1.40	0.90	1.00	
8	0.25	0.10	8.25	1.45	0.70	1.55	2.68	3.50	3.20	1.30	0.90	1.15	
9	0.10	0.10	7.10	1.75	0.70	1.40	1.80	8.75	1.95	1.30	0.90	1.00	
10	0.10	0.20	2.75	1.20	0.70	1.30	1.70	5.20	1.80	1.30	0.90	0.90	
11	0.10	0.35	1.55	0.95	0.60	1.30	2.53	4.30	1.70	1.30	0.80	0.90	
12	0.15	0.20	0.85	0.80	0.60	1.30	2.83	4.20	4.60	2.30	0.80	1.00	
13	0.45	0.10	0.65	0.70	0.50	1.20	30.00	3.60	2.08	1.30	0.80	1.50	
14	0.60	0.10	0.65	0.70	0.50	1.15	6.20	3.20	2.08	1.20	0.80	1.20	
15	0.25	0.10	1.20	0.70	4.00	11.75	4.70	2.75	6.60	1.20	0.80	0.85	
16	0.20	0.10	0.80	0.70	34.75	7.88	6.30	2.38	7.10	1.40	0.80	0.85	
17	0.20	0.50	0.70	0.65	7.75	4.80	4.60	2.30	7.75	1.50	0.70	0.80	
18	0.20	0.55	0.80	0.65	4.30	2.90	6.00	2.08	8.75	1.55	0.70	0.90	
19	0.10	0.40	1.65	1.30	3.28	2.23	5.20	2.08	5.30	1.55	0.70	1.10	
20	0.10	0.50	1.85	0.90	12.80	1.85	10.75	1.95	3.90	1.45	0.70	1.35	
21	0.10	0.35	1.00	1.70	5.40	1.65	6.90	2.00	3.20	1.20	0.70	0.95	
22	0.10	0.30	2.68	1.35	3.05	1.50	4.70	2.00	2.98	1.20	0.80	0.85	
23	0.15	0.30	7.40	1.60	2.15	1.40	3.60	1.90	2.68	1.20	0.80	0.85	
24	0.15	1.20	1.75	1.10	1.80	1.30	3.13	1.70	2.00	1.10	0.80	0.80	
25	0.15	0.70	1.75	1.70	1.75	2.08	2.83	1.60	2.00	1.10	0.90	0.85	
26	0.20	0.40	1.40	1.30	1.55	4.70	2.60	1.50	2.30	1.10	1.15	1.10	
27	0.20	0.40	1.00	2.83	1.60	1.95	3.70	1.80	1.95	1.05	1.00	1.95	
28	0.15	0.30	1.00	5.10	4.70	1.60	2.38	1.50	1.90	1.05	0.90	1.60	
29	0.15	0.30	0.95	3.35	4.70	1.60	2.38	1.50	1.95	1.00	1.10	1.00	
30	0.15	0.50	0.85	1.75	10.13	1.60	4.50	1.50	1.95	0.90		0.90	
31		0.45		1.35	6.90		2.53		2.00	0.90		0.80	
Total	5.80	10.90	52.08	40.98	121.46	77.04	185.32	126.02	96.43	40.55	25.05	31.90	813.53 CMSDAY
Mean	0.19	0.35	1.74	1.32	3.92	2.57	5.98	4.20	3.11	1.31	0.86	1.03	2.22 CMS
Max	0.60	1.35	8.25	5.10	34.75	11.75	30.00	20.00	8.75	2.30	1.15	1.95	34.75 CMS
Min	0.10	0.10	0.30	0.50	0.50	1.15	1.70	1.50	1.40	0.90	0.70	0.80	0.10 CMS
Runoff	0.50	0.94	4.50	3.54	10.49	6.66	16.01	10.89	8.33	3.50	2.16	2.76	70.29 MCM
Momentary Peak	72.50	CMS. at 3.80 m. (A.D.) at 18.00 Hours , on Aug 16, 2007											
Runoff Yield	22.51	Liters/Second/Square KM. Momentary Peak Yield 732.32 Liters/Second/Square KM.											



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	1.40	1.00	2.45	4.75	8.50	34.83	26.45	2.50	2.50	1.25	1.20	
2	0.70	0.80	1.10	2.25	2.88	10.00	33.48	8.70	2.00	2.00	1.20	1.10	
3	0.70	0.75	1.10	1.90	2.50	8.50	15.00	16.20	2.00	2.00	1.20	1.10	
4	0.85	0.70	1.20	2.00	2.15	9.10	9.88	34.60	2.00	2.00	1.20	1.05	
5	0.75	0.65	0.75	2.30	2.00	5.50	6.20	15.30	1.95	2.00	1.20	1.00	
6	0.70	0.60	1.60	2.95	1.40	3.85	5.70	7.70	2.05	2.00	1.20	0.95	
7	0.70	0.60	5.80	3.63	1.00	3.25	5.05	8.70	2.00	2.00	1.20	0.95	
8	0.60	0.60	5.90	5.35	1.00	2.50	7.70	6.80	2.20	2.00	1.20	0.90	
9	0.60	0.60	3.70	6.00	0.50	3.25	4.00	16.50	2.00	2.00	1.20	0.90	
10	0.60	0.65	4.00	5.28	0.50	3.40	4.75	9.10	2.00	2.00	1.20	0.85	
11	0.60	0.70	6.00	6.80	1.00	3.25	3.55	8.50	2.00	1.95	1.10	0.85	
12	0.60	0.65	4.53	7.20	1.00	3.78	4.90	6.50	4.15	1.85	1.10	0.80	
13	0.70	0.65	3.70	6.50	0.50	3.25	4.53	8.10	3.63	1.75	1.10	0.80	
14	0.70	0.65	2.00	4.15	0.25	2.95	14.40	5.50	3.18	1.75	1.05	0.75	
15	0.80	0.65	22.80	4.00	38.25	29.08	8.50	4.90	3.25	1.75	1.05	0.70	
16	0.70	0.80	22.20	3.10	103.60	22.95	12.00	4.60	6.10	1.50	1.05	0.65	
17	0.70	1.10	11.50	2.50	69.50	12.60	10.25	4.68	8.80	1.50	1.00	0.60	
18	0.65	1.40	9.63	2.00	20.55	7.40	7.70	3.93	11.25	1.50	1.00	0.60	
19	0.60	1.40	8.10	1.45	15.00	5.70	8.10	4.08	6.00	1.50	0.95	0.55	
20	0.60	1.55	6.70	1.55	49.70	5.05	11.63	3.33	4.98	1.50	0.95	0.50	
21	0.60	1.35	4.30	2.00	14.10	3.25	17.25	3.55	4.15	1.40	0.90	0.45	
22	0.60	1.30	4.30	2.05	9.40	2.50	9.63	3.78	3.25	1.40	0.85	0.43	
23	0.65	1.40	4.00	2.15	6.60	2.00	7.10	3.63	3.25	1.40	0.80	0.38	
24	0.65	1.60	2.95	2.20	5.13	2.00	6.20	3.10	2.73	1.40	0.75	0.35	
25	0.65	1.15	3.55	2.58	3.85	7.50	5.13	2.50	3.55	1.40	0.70	0.38	
26	0.70	0.90	5.20	3.85	3.33	4.00	5.50	2.50	3.85	1.40	0.65	0.35	
27	0.70	0.90	3.40	10.88	4.45	4.75	5.05	3.18	2.88	1.40	0.65	0.35	
28	0.65	0.90	3.70	12.00	11.00	4.08	4.83	2.88	2.65	1.40	0.60	0.35	
29	0.85	0.80	3.03	10.63	20.40	7.50	5.60	2.40	3.25	1.40	0.55	0.35	
30	1.25	1.00	2.65	5.13	16.95	4.75	15.75	2.20	3.10	1.40		0.33	
31		1.00		5.20	31.00		7.30		3.10	1.40		0.33	
Total	20.85	29.20	160.39	132.03	444.24	196.19	301.49	233.89	109.80	52.45	28.85	20.85	1730.23 CMSDAY
Mean	0.69	0.94	5.35	4.26	14.33	6.54	9.73	7.80	3.54	1.69	0.99	0.67	4.73 CMS
Max	1.25	1.60	22.80	12.00	103.60	29.08	34.83	34.60	11.25	2.50	1.25	1.20	103.60 CMS
Min	0.60	0.60	0.75	1.45	0.25	2.00	3.55	2.20	1.95	1.40	0.55	0.33	0.25 CMS
Runoff	1.80	2.52	13.86	11.41	38.38	16.95	26.05	20.21	9.49	4.53	2.49	1.80	149.49 MCM
Momentary Peak	157.00 CMS. at 6.00 m. (A.D.) at 12.00 Hours , on Aug 16 , 2007												
Runoff Yield	22.79	Liters/Second/Square KM.		Momentary Peak Yield			754.81	Liters/Second/Square KM.					



Discharge in Cubic Meter per Second , Water Year April 1, 2007 to March 31, 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.98	0.44	6.88	16.88	27.63	29.00	2.66	3.01	0.55	0.44	
2	0.00	0.00	1.98	0.44	6.63	36.48	36.30	10.75	2.78	2.78	0.33	0.44	
3	0.00	0.00	1.98	0.33	6.25	21.95	29.25	31.50	2.89	2.78	0.33	0.44	
4	0.00	0.00	2.66	0.33	6.00	14.20	17.75	36.65	3.01	2.66	0.44	0.33	
5	0.00	0.66	2.20	0.33	4.50	13.00	7.90	22.13	6.00	2.78	0.22	0.33	
6	0.00	0.66	1.10	0.33	4.16	11.05	6.75	14.20	8.65	2.78	0.55	0.33	
7	0.00	0.77	1.10	0.55	3.93	10.15	6.75	12.10	10.00	3.01	0.88	0.77	
8	0.00	1.10	1.10	1.10	2.09	8.95	7.15	22.65	11.20	2.89	1.10	0.55	
9	0.00	1.10	2.20	1.10	2.20	7.75	7.30	21.78	9.70	2.89	1.32	0.55	
10	0.00	17.75	2.20	0.88	1.98	7.60	7.45	21.78	9.25	2.89	1.32	0.55	
11	0.00	14.50	2.66	0.55	2.55	6.75	7.45	14.50	5.75	1.87	1.43	0.33	
12	0.00	13.90	4.27	0.55	3.12	5.13	15.25	10.60	5.88	1.65	1.32	0.33	
13	0.00	13.90	7.00	0.33	3.01	4.75	11.95	9.40	5.00	2.55	0.99	0.33	
14	0.00	9.40	14.20	0.33	3.24	7.60	25.20	8.50	20.38	2.43	0.99	0.55	
15	0.88	10.30	14.20	0.33	35.60	31.25	26.00	7.60	21.95	2.32	0.66	0.44	
16	1.10	5.50	40.20	0.77	95.50	34.03	23.40	5.75	17.23	2.32	0.66	0.44	
17	3.81	5.50	14.50	0.22	77.50	22.13	20.90	5.38	13.90	3.12	0.66	0.44	
18	3.12	4.50	7.00	0.33	28.50	11.35	28.00	4.50	10.30	3.12	0.77	0.44	
19	1.54	4.04	23.00	0.55	34.55	8.35	25.40	4.88	7.15	2.89	0.77	0.44	
20	3.35	2.43	13.00	1.10	62.20	12.40	30.38	4.04	5.63	2.78	0.88	0.44	
21	3.35	1.10	14.50	1.54	48.88	11.35	27.25	7.75	5.63	2.20	0.99	0.33	
22	3.35	1.10	7.00	1.65	27.75	9.70	12.55	7.90	4.50	1.21	1.10	0.33	
23	2.20	1.10	7.00	1.76	9.55	7.45	11.35	8.05	4.04	1.21	1.54	0.33	
24	1.32	1.10	7.00	2.20	8.20	7.45	12.25	8.05	3.81	0.77	1.54	0.33	
25	0.22	1.10	14.50	4.04	6.38	9.10	7.60	7.90	3.47	0.77	1.32	0.22	
26	0.00	1.10	23.00	6.25	5.50	11.95	8.80	8.35	3.81	0.66	0.99	0.11	
27	0.00	1.10	17.75	16.88	5.38	10.75	10.15	9.10	3.12	0.55	0.99	0.11	
28	0.00	1.10	7.00	44.90	17.58	11.05	8.65	8.65	3.70	0.55	1.10	0.11	
29	0.66	4.75	7.00	22.13	58.35	13.00	11.50	16.88	3.70	0.55	0.88	0.11	
30	0.88	4.75	7.00	10.60	24.40	8.20	19.85	16.70	3.24	0.44		0.00	
31		4.75		12.10	36.65		18.10		3.24	0.44		0.00	
Total	25.78	129.06	270.28	134.94	639.01	391.75	516.21	397.02	221.57	62.87	26.62	10.89	2826.00 CMSDAY
Mean	0.86	4.16	9.01	4.35	20.61	13.06	16.65	13.23	7.15	2.03	0.92	0.35	7.72 CMS
Max	3.81	17.75	40.20	44.90	95.50	36.48	36.30	36.65	21.95	3.12	1.54	0.77	95.50 CMS
Min	0.00	0.00	1.10	0.22	1.98	4.75	6.75	4.04	2.66	0.44	0.22	0.00	0.00 CMS
Runoff	2.23	11.15	23.35	11.66	55.21	33.85	44.60	34.30	19.14	5.43	2.30	0.94	244.17 MCM
Momentary Peak	155.25 CMS. at 5.55 m. (A.D.) at 18.00 Hours , on Aug 16 , 2007												
Runoff Yield	34.72 Liters/Second/Square KM. Momentary Peak Yield 696.19 Liters/Second/Square KM.												

Suspended Sediment Station Water Year 2007

WATER YEAR : 2007**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	2007		
Number of observation	20		
R-Square	0.9317		
Remarks	Continued Sediment Station		

$$QS = 2.3294 QW^{1.24690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	34.82	17.50	396.09	539.97	32.11	1.44	0.33	0.10	0.56	
2	0.00	0.00	2.89	11.11	65.37	324.40	469.62	39.29	1.44	0.52	0.08	0.50	
3	0.00	0.00	11.66	10.83	160.49	302.93	290.79	35.67	1.39	0.67	0.20	0.43	
4	0.00	0.00	18.72	4.68	102.99	310.56	193.34	32.11	1.34	0.81	0.88	0.35	
5	0.00	0.00	24.73	2.07	53.24	382.08	350.46	26.93	1.34	0.86	1.39	0.24	
6	0.00	0.00	48.96	0.48	30.08	436.64	579.96	22.66	1.34	0.86	1.90	0.15	
7	0.00	0.00	82.05	0.20	23.44	442.79	902.08	17.33	1.34	0.77	1.28	0.12	
8	0.00	0.00	98.59	1.13	144.80	436.64	1382.58	18.20	1.28	0.70	1.16	0.10	
9	0.00	0.00	108.93	0.79	563.12	330.59	1197.96	28.64	1.28	0.70	1.16	0.07	
10	0.00	0.00	111.55	3.99	827.10	177.79	814.11	14.78	1.28	0.70	1.16	0.04	
11	0.00	0.00	109.80	12.51	727.09	116.82	683.87	10.05	1.23	0.74	1.16	0.02	
12	0.00	0.00	108.06	5.63	484.20	128.41	632.37	5.32	1.23	0.79	1.16	0.01	
13	0.00	0.00	107.19	0.79	260.89	132.02	619.18	3.99	1.21	0.86	1.16	0.00	
14	0.00	0.00	106.33	0.08	77.14	90.60	610.42	4.51	1.18	0.96	1.16	0.00	
15	0.00	0.00	107.19	0.00	27.02	73.67	547.66	5.60	1.16	1.06	1.13	0.00	
16	0.00	0.00	106.33	0.00	15.70	43.71	475.45	6.23	1.13	1.01	1.13	0.00	
17	0.00	0.00	132.02	0.00	16.60	30.80	390.07	5.05	1.08	0.93	1.11	0.00	
18	0.00	0.00	65.93	0.00	21.53	39.90	283.26	4.25	1.08	0.84	1.08	0.00	
19	0.00	0.00	65.37	0.00	15.11	34.08	177.79	3.08	1.06	0.79	0.98	0.00	
20	0.00	0.00	62.01	2.48	9.74	38.28	90.60	2.04	0.98	0.72	0.96	0.00	
21	0.00	0.00	20.90	10.28	40.72	57.05	59.79	1.76	0.88	0.61	0.93	0.00	
22	0.00	0.00	4.45	26.36	115.06	40.72	49.49	1.90	0.84	0.52	1.01	0.00	
23	0.00	0.00	0.79	64.80	156.47	21.53	44.23	1.71	0.81	0.52	0.96	0.00	
24	0.00	0.00	0.00	42.16	220.16	19.65	41.64	1.60	0.79	0.50	0.88	0.00	
25	0.00	0.00	0.00	27.68	137.47	25.71	38.68	1.71	0.74	0.43	0.84	0.00	
26	0.00	0.00	0.00	20.58	63.13	47.90	35.97	1.60	0.72	0.33	0.81	0.00	
27	0.00	0.00	20.27	18.11	30.41	256.47	33.34	1.55	0.63	0.22	0.79	0.00	
28	0.00	0.00	201.73	17.50	33.34	467.13	31.53	1.49	0.56	0.13	0.74	0.00	
29	0.00	0.00	348.50	17.20	274.27	636.78	31.53	1.49	0.46	0.10	0.65	0.00	
30	0.00	0.00	205.96	16.60	457.20	492.99	31.87	1.44	0.39	0.10		0.00	
31		0.00		15.70	481.28		35.22		0.29	0.10		0.00	
Total	0.00	0.00	2280.91	368.56	5652.66	6334.73	11664.83	334.09	31.92	19.18	27.95	2.59	26717.42 Tonday
Mean	0.00	0.00	76.03	11.89	182.34	211.16	376.28	11.14	1.03	0.62	0.96	0.08	Ton/day
Max	0.00	0.00	348.50	64.80	827.10	636.78	1382.58	39.29	1.44	1.06	1.90	0.56	1382.58 Ton/day
Min	0.00	0.00	0.00	0.00	9.74	19.65	31.53	1.44	0.29	0.10	0.08	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	24		
R-Square	0.8477		
Remarks	Continued Sediment Station		

$$QS = 3.5544 QW^{1.41730}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.70	14.91	106.07	167.25	56.95	258.77	456.34	155.17	26.26	14.22	7.35	2.87	
2	9.70	14.91	66.05	116.91	429.23	213.73	291.76	200.72	26.26	14.22	10.31	2.87	
3	9.70	14.91	48.27	106.07	862.26	205.03	282.21	200.72	33.03	14.22	17.75	2.45	
4	8.50	15.60	40.02	106.07	218.12	155.17	320.94	143.36	175.45	14.22	24.64	2.45	
5	11.57	27.08	33.90	124.30	124.30	187.96	6397.59	113.26	25.45	14.22	27.08	2.45	
6	22.27	102.53	37.38	102.53	82.05	456.34	24813.53	109.65	26.26	13.54	23.05	3.76	
7	20.73	109.65	45.47	106.07	56.95	461.82	8460.80	99.03	26.26	12.88	17.75	3.76	
8	19.97	99.03	42.72	116.91	159.16	456.34	6313.97	92.12	32.15	12.22	14.91	4.71	
9	20.73	62.97	69.16	106.07	6735.27	407.90	5309.98	78.77	51.12	11.57	12.88	4.71	
10	15.60	33.90	40.02	78.77	8950.02	268.07	8844.07	72.32	22.27	11.57	11.57	4.71	
11	19.97	27.08	29.58	48.27	2049.73	249.56	8495.12	69.16	19.97	11.57	10.31	4.23	
12	27.08	24.64	26.26	34.79	813.20	520.50	4776.52	66.05	19.97	11.57	9.70	4.23	
13	25.45	143.36	23.05	32.15	434.61	745.96	5416.03	59.94	19.97	11.57	9.09	3.76	
14	20.73	1066.68	20.73	33.03	254.15	842.53	7986.14	56.95	19.22	10.94	8.50	3.76	
15	14.91	316.02	20.73	56.95	218.12	1035.21	6037.61	54.01	19.22	10.94	7.92	2.06	
16	12.88	386.89	22.27	32.15	179.59	689.70	2930.09	51.12	19.97	10.94	7.35	2.06	
17	11.57	397.36	23.05	27.91	171.33	813.20	1507.85	51.12	19.22	10.94	6.80	1.33	
18	11.57	235.93	131.83	23.05	316.02	842.53	973.11	48.27	13.54	10.31	6.25	2.45	
19	8.50	183.76	764.99	20.73	263.41	1283.37	590.04	48.27	12.88	10.31	5.73	4.23	
20	7.35	155.17	456.34	19.22	325.88	3186.46	423.87	40.02	12.22	8.50	5.21	4.23	
21	7.35	116.91	231.44	21.49	209.37	3109.18	335.84	33.90	12.22	7.35	4.71	3.76	
22	9.09	82.05	109.65	19.97	263.41	892.10	282.21	32.15	12.88	7.35	4.23	2.87	
23	9.09	66.05	75.52	21.49	231.44	402.62	249.56	30.43	14.22	7.35	3.76	2.87	
24	7.92	69.16	48.27	37.38	183.76	263.41	218.12	29.58	14.91	6.80	3.31	3.31	
25	7.92	62.97	33.03	159.16	151.20	226.97	187.96	28.74	16.31	5.73	2.87	5.73	
26	7.35	33.90	40.02	102.53	120.59	511.99	167.25	28.74	16.31	5.73	2.45	6.25	
27	7.35	27.91	205.03	48.27	92.12	1162.73	155.17	28.74	15.60	5.73	2.06	6.80	
28	9.70	27.91	226.97	45.47	88.73	1507.85	143.36	28.74	15.60	5.21	2.06	5.73	
29	12.88	33.90	335.84	48.27	226.97	1668.20	131.83	27.91	14.91	5.21	2.06	6.80	
30	17.75	48.27	272.76	62.97	139.48	952.66	116.91	27.91	14.91	5.21		7.35	
31		102.53		72.32	222.53		116.91		14.22	5.21		8.50	
Total	404.88	4103.94	3626.42	2098.52	24629.95	23977.86	102732.69	2106.87	782.78	307.35	271.66	127.05	165169.97 Ton/day
Mean	13.50	132.39	120.88	67.69	794.51	799.26	3313.96	70.23	25.25	9.91	9.37	4.10	Ton/day
Max	27.08	1066.68	764.99	167.25	8950.02	3186.46	24813.53	200.72	175.45	14.22	27.08	8.50	24813.53 Ton/day
Min	7.35	14.91	20.73	19.22	56.95	155.17	116.91	27.91	12.22	5.21	2.06	1.33	1.33 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	36		
R-Square	0.8376		
Remarks	Continued Sediment Station		

$$QS = 6.1714 QW^{1.30690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	53.49	79.23	323.76	473.99	152.40	1506.54	4440.26	386.40	121.85	71.25	39.26	16.27	
2	50.96	73.84	206.99	263.85	287.47	1102.94	2080.58	607.15	118.93	73.84	58.37	16.27	
3	48.59	68.68	155.66	229.35	1407.03	1205.14	1102.94	646.54	95.76	68.68	84.71	18.12	
4	48.59	71.25	246.46	206.99	626.65	915.61	1170.75	401.60	79.23	68.68	110.12	14.48	
5	46.25	87.40	174.51	240.72	305.49	768.05	5429.16	501.89	98.53	63.47	124.78	10.94	
6	43.81	152.40	152.40	223.71	190.59	1069.27	26259.87	329.91	84.71	41.52	104.29	9.31	
7	50.96	281.52	146.27	169.22	149.33	1286.77	27421.54	317.64	81.88	39.26	84.71	10.94	
8	76.60	246.46	137.01	174.51	275.60	1390.60	18476.86	269.71	68.68	43.81	76.60	14.48	
9	104.29	212.53	149.33	196.02	4388.17	1002.65	13822.84	305.49	53.49	36.91	63.47	14.48	
10	84.71	149.33	146.27	155.66	14318.47	757.80	14768.02	229.35	81.88	36.91	53.49	14.48	
11	73.84	124.78	118.93	133.84	9104.33	676.51	18160.47	212.53	68.68	39.26	46.25	12.63	
12	73.84	112.99	107.12	121.85	3256.15	1216.57	14368.26	246.46	66.00	39.26	43.81	12.63	
13	76.60	169.22	101.48	110.12	1762.07	1762.07	11787.32	229.35	71.25	39.26	43.81	14.48	
14	73.84	1456.59	98.53	107.12	1080.37	2098.63	16084.72	212.53	71.25	43.81	41.52	14.48	
15	76.60	727.00	98.53	121.85	727.00	2392.34	14268.73	196.02	66.00	39.26	41.52	14.48	
16	71.25	354.76	93.00	110.12	373.67	1919.77	9288.23	179.83	63.47	36.91	41.52	14.48	
17	63.47	788.65	293.45	98.53	386.40	1523.28	4702.90	152.40	71.25	28.22	39.26	16.27	
18	60.98	539.60	246.46	93.00	587.56	1641.66	2580.37	149.33	68.68	34.72	36.91	18.12	
19	60.98	520.78	1390.60	87.40	737.16	2561.42	1744.75	146.27	58.37	34.72	30.31	26.16	
20	58.37	437.44	1523.28	84.71	799.25	4414.20	1272.65	158.77	68.68	34.72	32.56	24.03	
21	63.47	263.85	820.03	84.71	386.40	4915.52	872.80	174.51	66.00	30.31	32.56	20.12	
22	66.00	201.49	373.67	81.88	577.94	2618.38	656.41	158.77	60.98	41.52	30.31	18.12	
23	60.98	179.83	196.02	90.12	696.51	1374.21	706.56	152.40	71.25	43.81	34.72	16.27	
24	58.37	158.77	152.40	121.85	716.89	830.47	727.00	137.01	79.23	34.72	32.56	12.63	
25	58.37	149.33	130.86	196.02	367.34	587.56	483.40	124.78	76.60	28.22	22.06	3.87	
26	53.49	185.19	140.02	240.72	329.91	520.78	419.54	124.78	68.68	32.56	9.31	0.75	
27	48.59	118.93	511.20	140.02	275.60	2153.01	392.81	121.85	66.00	34.72	16.27	0.30	
28	46.25	107.12	1058.18	115.87	246.46	4232.74	373.67	112.99	68.68	32.56	12.63	0.75	
29	46.25	118.93	1343.58	121.85	410.66	7279.90	354.76	104.29	71.25	34.72	18.12	2.49	
30	71.25	140.02	915.61	143.05	646.54	7524.57	336.08	104.29	71.25	41.52		22.06	
31		235.02		174.51	841.20		252.22		71.25	46.25		12.63	
Total	1871.04	8512.93	11551.61	4913.16	46410.61	63248.96	214806.47	7194.84	2329.74	1315.38	1405.81	417.52	363978.07 Ton/day
Mean	62.37	274.61	385.05	158.49	1497.12	2108.30	6929.24	239.83	75.15	42.43	48.48	13.47	Ton/day
Max	104.29	1456.59	1523.28	473.99	14318.47	7524.57	27421.54	646.54	121.85	73.84	124.78	26.16	27421.54 Ton/day
Min	43.81	68.68	93.00	81.88	149.33	520.78	252.22	104.29	53.49	28.22	9.31	0.30	0.30 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	20		
R-Square	0.7640		
Remarks	Continued Sediment Station		

$$QS = 16.9670 QW^{1.28350}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.17	31.02	120.30	206.20	113.63	298.98	244.75	161.98	31.02	13.77	13.77	21.44	
2	19.17	33.53	87.83	161.98	1981.01	280.64	206.20	147.79	31.02	12.74	12.74	16.97	
3	147.79	36.08	63.61	100.54	744.33	262.56	147.79	127.05	31.02	14.82	12.74	12.74	
4	161.98	52.19	69.50	244.75	176.46	213.79	253.82	127.05	31.02	15.89	12.74	8.81	
5	154.85	191.20	69.50	236.92	113.63	600.57	27301.50	113.63	31.02	16.97	12.74	3.62	
6	133.89	161.98	63.61	169.19	120.30	801.02	8336.60	107.04	28.55	19.17	12.74	3.62	
7	147.79	176.46	63.61	169.19	100.54	941.32	5476.39	94.14	26.13	19.17	12.74	2.15	
8	100.54	147.79	57.84	191.20	1981.01	568.69	4150.66	87.83	23.76	21.44	12.74	2.15	
9	87.83	94.14	63.61	169.19	19154.85	271.77	8680.54	81.61	21.44	21.44	12.74	2.15	
10	81.61	69.50	63.61	133.89	3077.08	336.41	13798.16	75.50	19.17	16.97	13.77	2.15	
11	100.54	69.50	57.84	107.04	1249.97	289.98	6656.87	81.61	16.97	15.89	13.77	2.15	
12	75.50	81.61	57.84	87.83	778.13	611.61	3389.53	81.61	16.97	14.82	13.77	2.15	
13	38.67	941.32	52.19	75.50	434.00	824.05	10354.66	81.61	15.89	14.82	13.77	2.15	
14	36.08	600.57	38.67	120.30	336.41	1249.97	3845.03	81.61	15.89	14.82	13.77	2.15	
15	36.08	183.80	38.67	140.80	280.64	1759.53	2624.71	52.19	15.89	14.82	14.82	2.15	
16	33.53	394.31	36.08	100.54	221.44	965.18	1627.11	52.19	15.89	14.82	14.82	2.15	
17	36.08	308.45	87.83	63.61	213.79	1111.02	1098.97	52.19	15.89	14.82	15.89	2.15	
18	75.50	298.98	1166.17	57.84	280.64	1435.80	526.47	52.19	15.89	14.82	15.89	2.15	
19	191.20	154.85	1138.52	57.84	699.45	1906.54	414.05	52.19	15.89	14.82	16.97	2.15	
20	81.61	191.20	374.79	63.61	374.79	2872.57	289.98	52.19	15.89	14.82	16.97	2.15	
21	38.67	140.80	169.19	69.50	317.57	1249.97	271.77	46.68	16.97	14.82	19.17	2.15	
22	28.55	107.04	113.63	127.05	404.37	495.06	262.56	41.30	16.97	14.82	19.17	2.15	
23	28.55	107.04	81.61	120.30	317.57	280.64	253.82	41.30	16.97	13.77	19.17	2.15	
24	28.55	100.54	69.50	280.64	213.79	191.20	244.75	41.30	16.97	13.77	21.44	2.15	
25	28.55	94.14	87.83	213.79	169.19	147.79	221.44	41.30	16.97	13.77	21.44	2.15	
26	33.53	94.14	847.23	113.63	127.05	778.13	213.79	41.30	16.97	13.77	21.44	2.15	
27	38.67	94.14	414.05	81.61	107.04	1124.75	206.20	41.30	16.97	13.77	21.44	2.86	
28	33.53	133.89	384.74	113.63	454.15	688.08	206.20	41.30	15.89	13.77	21.44	9.76	
29	33.53	100.54	1037.53	107.04	253.82	536.72	161.98	41.30	15.89	13.77	21.44	11.73	
30	33.53	169.19	579.11	147.79	161.98	308.45	127.05	41.30	14.82	13.77		13.77	
31		183.80		120.30	262.56		133.89		14.82	13.77		11.73	
Total	2085.07	5543.74	7556.04	4153.24	35221.19	23402.79	101727.24	2181.58	615.42	475.22	466.05	160.05	183587.63 Tonday
Mean	69.50	178.83	251.87	133.98	1136.17	780.09	3281.52	72.72	19.85	15.33	16.07	5.16	Ton/day
Max	191.20	941.32	1166.17	280.64	19154.85	2872.57	27301.50	161.98	31.02	21.44	21.44	21.44	27301.50 Ton/day
Min	19.17	31.02	36.08	57.84	100.54	147.79	127.05	41.30	14.82	12.74	12.74	2.15	2.15 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	24		
R-Square	0.7680		
Remarks	Continued Sediment Station		

$$QS = 3.7345 QW^{1.05970}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.68	22.52	21.21	10.70	17.95	66.31	48.77	71.91	14.09	23.84	22.52	23.18	
2	0.00	22.52	25.82	9.86	17.52	60.74	41.94	66.31	11.96	23.84	23.18	22.52	
3	0.00	23.84	27.14	10.70	18.38	66.31	60.74	53.59	9.03	22.52	23.18	21.86	
4	0.33	25.82	28.47	13.23	18.38	268.46	535.23	47.40	8.61	22.52	23.18	21.21	
5	1.41	29.81	31.14	15.80	18.38	594.30	856.48	46.72	9.44	23.84	22.52	21.21	
6	6.55	29.81	35.84	13.23	25.82	300.28	513.53	39.90	9.44	23.84	23.18	21.21	
7	5.33	27.14	35.84	8.61	96.43	208.45	265.44	33.15	13.66	23.18	22.52	21.21	
8	0.68	27.14	32.48	8.61	358.34	140.90	279.04	30.47	14.51	23.18	23.18	20.56	
9	0.00	25.16	31.14	8.20	165.29	119.15	240.85	27.14	13.66	23.18	22.52	20.56	
10	0.00	24.50	30.47	7.78	70.98	277.53	204.73	25.16	14.09	23.18	22.52	20.56	
11	0.00	25.16	27.14	7.78	44.67	154.28	116.74	23.84	13.66	23.18	22.52	21.21	
12	0.68	24.50	27.81	6.96	38.55	146.97	104.05	23.84	14.51	23.18	21.86	21.86	
13	1.41	25.16	29.14	6.15	31.81	146.97	86.95	21.21	6.96	23.18	22.52	21.21	
14	1.41	25.82	33.15	7.78	23.84	170.19	83.18	20.56	11.12	22.52	21.86	21.21	
15	0.68	27.14	54.28	9.86	31.14	133.62	77.53	19.25	11.96	22.52	21.21	21.21	
16	0.00	27.14	50.83	10.70	164.06	100.24	70.98	18.82	13.66	21.86	22.52	20.56	
17	0.00	26.48	46.03	9.44	372.69	83.18	68.18	18.38	19.25	21.86	21.86	20.56	
18	0.33	25.82	53.59	9.03	280.56	82.23	65.38	17.95	23.18	21.21	21.86	21.86	
19	0.00	27.14	44.67	7.78	247.36	76.59	61.67	17.52	23.18	20.56	21.86	29.14	
20	0.00	27.14	43.98	8.61	125.17	68.18	56.12	16.23	23.18	18.38	21.86	29.81	
21	0.00	27.14	42.62	10.28	89.79	57.04	54.28	16.66	23.18	18.38	21.86	26.48	
22	1.41	27.14	35.17	14.51	110.75	52.90	52.21	16.23	21.86	17.95	22.52	23.84	
23	0.00	26.48	33.15	15.80	154.28	50.83	50.15	16.23	21.86	18.38	21.86	25.16	
24	0.00	25.82	31.81	11.54	166.51	46.03	47.40	16.23	22.52	17.95	21.86	25.16	
25	0.00	23.84	20.12	9.44	187.41	46.03	43.30	15.80	22.52	13.66	22.52	23.84	
26	0.00	23.18	15.80	9.44	113.14	50.15	42.62	15.80	22.52	16.66	22.52	22.52	
27	1.04	29.14	13.23	8.20	98.33	67.24	40.58	15.80	22.52	17.09	22.52	21.86	
28	6.15	37.87	11.54	7.78	77.53	94.53	39.22	14.94	22.52	18.38	23.84	22.52	
29	7.37	38.55	9.44	9.03	68.18	68.18	37.19	14.94	22.52	19.25	23.84	22.52	
30	20.56	33.82	9.03	17.09	79.41	56.12	36.52	14.94	22.52	22.52		23.18	
31		31.81		30.47	85.06		36.52		22.52	21.21		23.84	
Total	56.02	844.55	932.08	334.39	3397.71	3853.93	4317.52	796.92	526.21	653.00	651.77	703.63	17067.73 Ton/day
Mean	1.87	27.24	31.07	10.79	109.60	128.46	139.27	26.56	16.97	21.06	22.47	22.70	Ton/day
Max	20.56	38.55	54.28	30.47	372.69	594.30	856.48	71.91	23.18	23.84	23.84	29.81	856.48 Ton/day
Min	0.00	22.52	9.03	6.15	17.52	46.03	36.52	14.94	6.96	13.66	21.21	20.56	0.00 Ton/day

WATER YEAR : 2007**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	2007					
Number of observation	40					
R-Square	0.8276					
Remarks	Continued Sediment Station					

$$QS = 3.1457 QW^{0.89290}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.54	0.29	3.09	1.78	1.14	5.45	9.13	6.26	1.78	0.94	0.98	0.91	
2	0.47	0.29	2.05	2.83	1.07	5.45	8.01	5.84	1.33	0.91	0.98	0.85	
3	0.40	0.29	1.45	2.92	1.26	15.11	13.47	4.81	1.07	0.91	0.98	0.75	
4	0.54	0.29	0.98	2.92	1.39	32.24	67.59	4.57	1.07	1.20	0.88	0.71	
5	0.58	0.29	0.98	2.49	4.17	48.00	132.73	4.17	1.20	1.20	0.91	0.68	
6	0.47	0.37	3.84	2.32	6.36	41.63	89.70	3.84	1.33	1.20	0.85	0.61	
7	0.44	0.37	4.81	2.32	12.29	35.52	61.84	3.59	1.63	1.01	0.81	0.54	
8	0.40	0.37	3.59	2.58	26.90	29.16	43.85	3.26	1.87	0.94	0.75	0.54	
9	0.37	0.33	2.58	2.58	20.10	20.88	34.04	3.17	1.57	0.91	0.75	0.54	
10	0.40	0.33	1.51	2.40	14.65	15.00	30.52	2.92	1.39	0.91	0.75	0.54	
11	0.37	0.29	1.14	1.63	11.09	16.73	23.99	2.83	1.26	0.88	0.75	0.54	
12	0.33	0.26	1.01	1.78	7.38	15.76	19.06	2.92	1.26	0.85	0.75	0.75	
13	0.33	0.26	1.33	3.51	5.05	16.73	15.49	2.75	1.33	0.85	0.75	0.75	
14	0.37	0.29	2.49	3.17	3.84	18.79	13.83	2.58	1.51	0.85	0.91	0.75	
15	0.78	0.37	2.49	3.76	5.53	18.11	12.29	2.75	1.63	1.01	0.91	0.75	
16	0.81	0.29	2.75	5.21	35.10	15.00	10.85	2.66	1.69	1.07	0.75	0.61	
17	0.58	0.29	2.23	8.01	52.05	13.36	9.26	2.40	1.26	1.20	0.75	0.54	
18	0.51	0.29	1.87	7.00	27.61	15.23	8.01	2.14	1.14	1.39	0.75	0.58	
19	0.40	0.29	1.26	4.41	11.57	26.37	7.26	2.14	1.07	1.33	0.75	0.58	
20	0.37	0.29	1.07	3.26	8.51	19.19	6.46	2.05	1.04	1.39	0.81	0.58	
21	0.37	0.22	0.94	2.23	7.38	12.76	5.76	2.05	1.01	0.94	0.81	0.54	
22	0.37	0.22	0.85	2.14	7.38	9.13	5.61	2.14	0.98	0.98	0.81	0.54	
23	0.37	0.22	0.71	1.78	13.36	6.57	5.45	2.32	0.98	0.98	0.81	0.47	
24	0.33	0.22	0.68	2.14	19.78	5.29	5.21	2.14	0.94	0.98	0.78	0.54	
25	0.33	0.14	0.65	1.78	15.11	4.81	4.89	1.87	0.94	0.94	0.75	0.61	
26	0.37	0.14	0.61	1.57	9.87	7.00	4.57	1.45	0.91	0.98	0.75	0.65	
27	0.37	0.47	0.71	1.51	6.77	7.51	4.33	1.33	1.04	0.94	0.75	0.65	
28	0.29	3.51	0.94	1.69	5.68	9.63	4.25	1.26	1.33	0.91	0.85	0.71	
29	0.29	6.57	1.26	1.78	4.97	13.00	4.25	1.69	1.33	0.88	0.91	0.75	
30	0.33	7.26	1.33	1.51	5.45	12.05	4.09	1.96	1.20	0.85		0.75	
31		5.29		1.39	5.68		4.73		1.07	0.75		0.75	
Total	12.88	30.40	51.20	86.40	358.49	511.46	670.52	85.86	39.16	31.08	23.74	20.06	1921.25 Tonday
Mean	0.43	0.98	1.71	2.79	11.56	17.05	21.63	2.86	1.26	1.00	0.82	0.65	Ton/day
Max	0.81	7.26	4.81	8.01	52.05	48.00	132.73	6.26	1.87	1.39	0.98	0.91	132.73 Ton/day
Min	0.29	0.14	0.61	1.39	1.07	4.81	4.09	1.26	0.91	0.75	0.75	0.47	0.14 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	24		
R-Square	0.8507		
Remarks	Continued Sediment Station		

$$QS = 2.4457 QW^{2.21670}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	7.82	7.10	38.33	24.30	22.96	56.47	162.08	41.26	19.89	10.07	5.68	1.86	
2	7.10	7.10	29.77	21.64	36.88	292.42	389.13	41.26	19.03	8.56	5.68	1.86	
3	7.10	7.10	31.17	22.96	36.88	1597.46	834.94	41.26	19.03	8.56	5.68	1.86	
4	7.10	7.10	28.39	32.58	41.26	3003.45	3528.49	39.79	18.18	8.56	5.68	1.86	
5	7.10	7.82	45.73	27.01	125.22	3692.32	4784.04	39.79	18.18	8.56	5.68	1.86	
6	7.10	8.56	162.08	19.03	87.96	2253.36	3145.90	38.33	18.18	8.56	5.68	1.86	
7	7.10	10.07	39.79	14.84	240.96	992.13	1539.03	38.33	16.49	8.56	5.68	1.86	
8	7.10	9.31	29.77	15.66	829.89	561.60	834.94	36.88	14.84	8.56	5.68	1.86	
9	7.10	8.56	24.30	27.01	444.86	444.86	514.94	36.88	15.66	8.56	5.68	1.86	
10	7.10	7.82	19.89	20.76	159.57	378.15	414.97	36.88	15.66	8.56	5.68	1.86	
11	7.10	7.82	17.33	15.66	94.76	334.79	378.15	35.43	15.66	8.56	5.68	1.86	
12	7.10	7.10	20.76	16.49	68.12	292.42	352.74	35.43	13.21	8.56	4.33	1.86	
13	7.10	7.10	34.00	24.30	50.29	257.92	327.66	34.00	14.84	8.56	4.33	1.86	
14	7.10	7.10	28.39	14.02	41.26	237.60	285.46	32.58	13.21	10.07	4.33	1.86	
15	9.31	7.82	34.00	13.21	97.05	204.42	254.51	31.17	12.41	9.31	4.33	1.86	
16	7.82	7.82	34.00	19.03	2335.31	184.96	220.90	29.77	11.62	8.56	4.33	1.86	
17	7.10	7.82	24.30	28.39	3554.27	172.18	207.70	28.39	11.62	8.56	4.33	1.86	
18	7.10	7.10	21.64	27.01	1942.27	162.08	197.89	27.01	11.62	8.56	4.33	1.86	
19	7.10	7.10	19.03	22.96	1043.09	149.60	182.39	25.65	11.62	8.56	4.33	1.86	
20	6.38	7.10	22.96	20.76	1003.42	142.21	159.57	24.30	10.07	8.56	5.68	1.86	
21	7.10	7.10	31.17	19.89	1245.40	134.88	144.67	24.30	9.31	8.56	5.68	4.33	
22	7.10	7.10	28.39	35.43	1280.70	125.22	125.22	22.96	8.56	7.82	5.68	4.33	
23	7.10	7.10	22.96	41.26	1204.43	120.44	103.97	22.96	10.84	7.82	5.68	4.33	
24	7.10	7.10	20.76	32.58	1009.07	120.44	94.76	22.96	12.41	7.82	4.33	4.33	
25	6.38	7.10	28.39	28.39	695.87	120.44	92.48	21.64	12.41	7.10	4.33	3.05	
26	7.10	7.10	31.17	29.77	389.13	122.82	90.21	21.64	10.84	7.10	3.68	3.05	
27	7.10	19.89	28.39	27.01	217.59	130.03	87.96	21.64	10.84	6.38	3.05	3.05	
28	7.10	167.11	29.77	22.96	132.45	137.31	87.96	20.76	10.07	6.38	2.45	3.05	
29	7.10	113.33	27.01	39.79	94.76	142.21	79.03	20.76	10.07	6.38	1.86	3.05	
30	7.82	70.28	21.64	32.58	108.63	152.08	53.36	20.76	10.84	5.68		3.05	
31		48.76		31.17	110.97		41.26		10.84	5.68		3.05	
Total	215.93	616.39	975.28	768.45	18745.28	16716.27	19716.31	914.77	418.05	251.69	139.54	75.87	59553.83 Ton/day
Mean	7.20	19.88	32.51	24.79	604.69	557.21	636.01	30.49	13.49	8.12	4.81	2.45	Ton/day
Max	9.31	167.11	162.08	41.26	3554.27	3692.32	4784.04	41.26	19.89	10.07	5.68	4.33	4784.04 Ton/day
Min	6.38	7.10	17.33	13.21	22.96	56.47	41.26	20.76	8.56	5.68	1.86	1.86	1.86 Ton/day

WATER YEAR : 2007**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 Loeii
Drainage Area	352 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	2007		
Number of observation	20		
R-Square	0.7272		
Remarks	Continued Sediment Station		

$$QS = 11.3400 QW^{1.26620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	4.13	144.68	207.20	43.66	107.32	143.46	132.53	25.22	4.83	1.03	0.00	
2	0.00	4.13	116.61	133.74	57.41	110.09	125.83	168.36	22.53	4.48	4.48	0.00	
3	0.00	7.88	85.93	121.79	106.17	95.93	119.19	132.53	21.22	3.78	8.68	0.00	
4	0.46	19.91	55.40	98.41	58.42	88.35	125.83	111.25	19.27	3.78	10.34	0.00	
5	0.19	37.10	45.58	88.35	43.66	84.83	1257.95	95.93	18.63	3.44	10.34	0.00	
6	0.13	47.51	36.18	72.74	38.95	169.88	3336.10	87.25	16.74	3.11	8.28	0.00	
7	0.03	45.58	31.66	66.85	37.10	191.46	2889.27	79.82	15.50	3.11	6.32	0.00	
8	0.03	2.79	28.14	64.57	38.95	168.36	1789.51	77.45	14.89	3.11	4.48	0.00	
9	0.00	0.61	24.54	64.57	963.06	164.32	1172.03	73.81	14.28	3.44	2.79	0.00	
10	0.00	0.26	22.53	62.51	1193.39	144.68	1921.59	66.85	14.28	2.79	1.96	0.00	
11	0.19	0.61	20.56	45.58	468.67	132.53	2148.58	65.61	13.83	2.79	1.03	0.00	
12	0.46	4.83	19.27	39.88	280.48	151.58	1509.78	62.51	13.39	2.79	0.46	0.00	
13	0.19	52.41	14.28	39.88	61.48	153.07	1421.20	55.40	12.94	2.47	0.26	0.00	
14	0.46	358.35	7.48	29.89	27.28	205.09	2236.31	54.40	12.94	2.47	0.13	0.00	
15	0.19	234.54	5.57	24.54	16.74	617.53	1509.78	53.40	12.06	2.26	0.08	0.00	
16	0.19	175.48	5.94	24.54	9.09	215.44	637.56	50.44	11.63	2.26	0.08	0.00	
17	0.13	137.85	6.32	23.87	33.45	167.10	420.24	48.48	11.20	1.96	0.03	0.00	
18	0.13	92.13	56.40	25.22	194.33	197.20	339.76	44.62	10.77	1.76	0.00	0.00	
19	0.46	144.68	271.77	24.54	162.81	478.11	312.13	41.76	10.77	1.48	0.00	0.00	
20	0.46	98.41	160.05	14.89	133.74	280.48	287.26	38.95	10.34	1.29	0.00	0.03	
21	0.19	87.25	120.37	13.83	265.07	287.26	215.44	38.02	9.51	1.03	0.00	0.00	
22	0.03	75.09	69.16	23.20	137.85	169.88	185.76	36.18	8.68	0.86	0.00	0.00	
23	0.00	55.40	57.41	59.44	111.25	135.18	179.83	31.66	8.28	0.61	0.00	0.00	
24	0.00	26.59	52.41	59.44	93.47	115.21	168.36	27.28	7.48	0.46	0.00	0.00	
25	0.00	12.50	53.40	44.62	79.82	104.79	153.07	27.28	7.09	0.26	0.00	0.00	
26	2.26	10.34	64.57	30.77	70.21	247.65	140.52	27.28	7.09	0.19	0.00	0.00	
27	1.29	8.28	197.20	38.02	79.82	256.19	132.53	27.28	6.70	0.19	0.00	0.00	
28	3.11	17.36	1348.26	40.82	107.32	187.05	127.02	28.14	6.70	0.13	0.00	0.00	
29	2.47	119.19	787.68	184.21	91.01	249.84	117.78	28.14	6.70	0.13	0.00	0.00	
30	4.48	365.49	386.77	161.30	160.05	179.83	111.25	27.28	6.32	0.19		0.00	
31		243.26		57.41	128.45		107.32		6.32	0.26		0.00	
Total	17.53	2489.94	4296.12	1986.62	5293.16	5856.23	25342.24	1839.89	383.30	61.71	60.77	0.03	47627.54 Tonday
Mean	0.58	80.32	143.20	64.08	170.75	195.21	817.49	61.33	12.36	1.99	2.10	0.00	Ton/day
Max	4.48	365.49	1348.26	207.20	1193.39	617.53	3336.10	168.36	25.22	4.83	10.34	0.03	3336.10 Ton/day
Min	0.00	0.26	5.57	13.83	9.09	84.83	107.32	27.28	6.32	0.13	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	33		
R-Square	0.9240		
Remarks	Continued Sediment Station		

$$QS = 3.9963 QW^{1.55770}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.75	564.07	424.89	818.21	680.45	424.89	3025.34	762.02	482.81	16.65	3.39	0.78	
2	3.39	122.06	389.37	338.36	1830.63	407.15	1142.94	875.82	482.81	16.65	6.16	0.46	
3	3.05	34.90	274.25	237.56	2419.77	424.89	680.45	2367.54	443.90	19.43	6.82	0.35	
4	3.05	37.23	305.70	196.99	971.05	1445.86	502.70	5172.10	389.37	20.87	2.71	3.05	
5	3.05	206.87	321.73	143.88	354.97	4005.37	389.37	4957.54	389.37	4.90	1.23	16.65	
6	3.05	1876.61	463.21	66.66	196.99	4202.13	2016.99	3025.34	389.37	2.09	1.23	14.04	
7	3.05	1178.50	875.82	58.66	83.92	4469.68	7040.06	2064.58	389.37	2.09	0.78	20.87	
8	3.05	564.07	522.87	66.66	54.64	2162.73	5392.37	1609.06	389.37	1.76	0.78	20.87	
9	3.05	463.21	248.12	54.64	47.21	971.05	3025.34	1366.62	407.15	1.49	0.78	6.82	
10	3.05	1038.60	258.85	34.90	79.51	482.81	2472.41	1178.50	407.15	1.76	0.68	2.40	
11	2.71	1038.60	177.74	22.35	187.27	424.89	3025.34	1107.76	389.37	1.49	0.78	1.49	
12	2.09	502.70	129.12	16.65	216.93	707.27	6152.59	1072.98	354.97	1.00	0.68	1.00	
13	2.09	1142.94	94.90	18.02	206.87	905.15	12163.01	971.05	338.36	0.68	0.55	0.68	
14	2.71	2911.18	70.80	30.29	206.87	905.15	5842.68	905.15	258.85	1.00	0.46	0.55	
15	3.05	3083.01	94.90	30.29	151.59	1526.68	3500.96	846.84	196.99	1.00	0.46	0.46	
16	3.39	2632.75	47.21	37.23	50.87	1142.94	3199.50	818.21	206.87	1.00	0.46	0.35	
17	3.39	2632.75	39.61	30.29	62.61	680.45	3876.08	905.15	216.93	1.00	0.46	0.46	
18	3.75	2112.57	42.04	23.87	143.88	2742.92	4676.55	905.15	227.16	1.00	0.46	0.55	
19	7.44	3199.50	177.74	22.35	1526.68	2264.30	2264.30	818.21	227.16	1.00	0.78	0.68	
20	15.33	2968.07	463.21	23.87	3199.50	1004.62	3199.50	762.02	227.16	0.68	0.55	0.68	
21	15.33	2162.73	289.68	79.51	2315.72	971.05	4136.16	734.46	187.27	0.46	0.55	0.68	
22	9.64	1366.62	151.59	94.90	522.87	846.84	2315.72	734.46	114.94	0.46	0.68	0.68	
23	7.44	846.84	70.80	114.94	1969.79	407.15	1107.76	707.27	108.17	0.46	0.78	0.55	
24	6.16	502.70	37.23	136.54	3500.96	227.16	680.45	707.27	94.90	0.46	0.78	0.35	
25	6.16	289.68	25.91	151.59	2968.07	114.94	707.27	680.45	88.40	0.46	1.00	0.68	
26	6.82	237.56	44.67	248.12	3876.08	70.80	627.93	502.70	58.66	0.46	0.78	3.05	
27	8.88	289.68	108.17	680.45	4202.13	129.12	627.93	463.21	34.90	0.55	0.19	3.05	
28	168.38	274.25	338.36	734.46	3624.24	846.84	585.08	424.89	32.50	0.55	0.28	1.49	
29	1526.68	206.87	1526.68	407.15	1876.61	4202.13	522.87	463.21	25.91	0.55	0.46	1.00	
30	1072.98	372.19	2315.72	187.27	1038.60	5918.98	482.81	482.81	16.65	0.55		2.40	
31		305.70		354.97	606.37		502.70		16.65	0.78		0.78	
Total	2905.96	35165.01	10330.89	5461.63	39173.65	45035.94	85885.16	38392.37	7593.44	103.28	35.70	107.90	270190.93 Ton/day
Mean	96.87	1134.36	344.36	176.18	1263.67	1501.20	2770.49	1279.75	244.95	3.33	1.23	3.48	Ton/day
Max	1526.68	3199.50	2315.72	818.21	4202.13	5918.98	12163.01	5172.10	482.81	20.87	6.82	20.87	12163.01 Ton/day
Min	2.09	34.90	25.91	16.65	47.21	70.80	389.37	424.89	16.65	0.46	0.19	0.35	0.19 Ton/day

WATER YEAR : 2007

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.		
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	2007		
Number of observation	19		
R-Square	0.7973		
Remarks	Continued Sediment Station		

$$QS = 0.8942 QW^{2.30980}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1.91	8.42	39.41	3.75	67.71	76.16	67.71	45.68	6.56	17.79	23.01	9.10		
2	1.91	7.15	67.71	3.48	115.71	67.71	67.71	168.47	6.00	17.79	29.00	9.10		
3	1.76	6.56	39.41	3.21	115.71	52.48	45.68	873.76	6.00	17.79	20.25	9.10		
4	1.76	2.50	52.48	3.75	52.48	147.14	39.41	127.08	4.64	15.41	20.25	9.10		
5	1.76	127.08	59.82	4.64	59.82	1069.30	59.82	67.71	4.33	15.41	17.79	8.42		
6	1.76	32.22	403.55	5.47	39.41	1528.98	301.61	67.71	3.75	13.32	15.41	8.42		
7	1.58	13.32	94.77	4.33	29.00	191.90	191.90	67.71	3.75	13.32	13.32	8.42		
8	1.58	15.41	45.68	4.33	25.84	94.77	115.71	67.71	3.48	13.32	13.32	8.42		
9	1.44	39.41	20.25	10.54	115.71	168.47	85.17	39.41	3.48	13.32	11.31	9.10		
10	1.29	32.22	11.31	10.54	94.77	147.14	67.71	25.84	3.21	13.32	11.31	9.80		
11	1.29	20.25	10.54	9.80	45.68	216.59	243.50	17.79	2.96	13.32	10.54	9.80		
12	2.28	25.84	10.54	8.42	45.68	115.71	1001.63	17.79	2.73	13.32	9.80	9.10		
13	2.28	333.93	10.54	7.77	52.48	94.77	168.47	13.32	3.48	13.32	9.10	9.10		
14	1.91	115.71	10.54	10.54	32.22	216.59	403.55	11.31	6.00	13.32	9.10	9.10		
15	1.16	52.48	25.84	8.42	25.84	936.46	216.59	11.31	13.32	13.32	9.10	9.10		
16	1.02	39.41	6.00	7.15	32.22	243.50	168.47	11.31	23.01	13.32	8.42	9.10		
17	0.91	23.01	7.77	6.00	32.22	147.14	168.47	11.31	25.84	13.32	8.42	4.64		
18	0.79	25.84	8.42	4.64	25.84	1715.12	367.49	10.54	25.84	13.32	8.42	7.15		
19	10.54	127.08	216.59	7.15	29.00	367.49	3241.39	9.80	25.84	13.32	7.77	7.15		
20	4.03	115.71	104.94	10.54	25.84	168.47	1212.22	9.80	23.01	11.31	7.77	7.15		
21	4.96	39.41	23.01	6.56	45.68	127.08	104.94	17.79	23.01	11.31	7.77	7.15		
22	6.00	32.22	11.31	7.77	59.82	127.08	52.48	11.31	23.01	10.54	9.10	7.15		
23	5.47	25.84	9.80	6.00	147.14	127.08	52.48	11.31	23.01	10.54	9.10	5.47		
24	4.64	23.01	7.15	6.00	191.90	104.94	35.79	11.31	23.01	10.54	9.10	6.00		
25	4.64	20.25	7.15	9.80	147.14	76.16	32.22	11.31	23.01	10.54	9.10	15.41		
26	29.00	17.79	7.15	9.80	85.17	35.79	32.22	9.10	23.01	10.54	9.10	13.32		
27	29.00	11.31	7.77	147.14	35.79	168.47	59.82	8.42	20.25	9.80	9.10	9.80		
28	32.22	10.54	13.32	17.79	115.71	936.46	115.71	8.42	20.25	9.80	10.54	7.15		
29	29.00	10.54	5.47	29.00	85.17	243.50	147.14	7.15	17.79	9.80	9.80	10.54		
30	13.32	9.10	4.64	45.68	59.82	67.71	104.94	7.15	17.79	9.80		8.42		
31		9.10		35.79	59.82		59.82		17.79	9.80		8.42		
Total	201.21	1372.66	1342.88	455.80	2096.34	9780.16	9031.77	1778.63	429.16	394.99	346.12	269.20	27498.92	Ton/day
Mean	6.71	44.28	44.76	14.70	67.62	326.01	291.35	59.29	13.84	12.74	11.94	8.68		Ton/day
Max	32.22	333.93	403.55	147.14	191.90	1715.12	3241.39	873.76	25.84	17.79	29.00	15.41	3241.39	Ton/day
Min	0.79	2.50	4.64	3.21	25.84	35.79	32.22	7.15	2.73	9.80	7.77	4.64	0.79	Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	24		
R-Square	0.9180		
Remarks	Continued Sediment Station		

$$QS = 2.9311 QW^{1.27360}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	17.68	26.30	116.34	22.76	14.45	331.95	2239.95	182.21	41.42	12.89	5.76	1.21	
2	11.37	21.04	78.38	22.76	16.05	257.62	1963.17	174.99	37.50	12.89	5.76	0.91	
3	11.37	33.68	60.70	22.76	26.30	211.70	1330.29	204.24	33.68	12.89	5.76	0.91	
4	7.09	33.68	37.50	17.68	82.94	273.34	1016.23	226.79	33.68	11.37	5.33	0.63	
5	6.64	26.30	29.94	26.30	46.77	534.54	1651.64	196.83	33.68	11.37	4.91	0.91	
6	5.76	29.94	28.11	28.11	31.79	820.03	3679.10	167.83	31.79	11.37	5.76	0.91	
7	4.50	35.58	29.94	82.94	22.76	884.42	5104.41	157.22	29.94	9.90	6.64	0.91	
8	2.21	49.49	35.58	44.08	19.34	842.63	5483.87	151.97	29.94	9.90	6.64	0.91	
9	1.53	66.49	29.94	31.79	17.68	689.67	5372.98	136.45	29.94	9.90	5.76	0.63	
10	0.00	73.87	26.30	41.42	19.34	453.70	5171.27	131.36	26.30	9.90	5.33	0.38	
11	0.63	46.77	22.76	29.94	41.42	755.47	4641.68	111.43	26.30	7.09	5.33	0.38	
12	4.91	49.49	17.68	17.68	69.42	934.35	4871.86	116.34	24.52	7.09	5.33	0.16	
13	7.09	121.31	11.37	12.89	60.70	980.96	5352.36	101.73	22.76	7.09	4.50	0.16	
14	6.64	131.36	9.90	7.09	49.49	850.20	5393.62	101.73	22.76	7.09	4.50	0.00	
15	6.64	157.22	8.47	6.64	44.08	582.98	4430.12	96.96	22.76	7.09	4.50	0.00	
16	8.47	174.99	14.45	5.76	37.50	733.40	3372.15	82.94	22.76	7.09	4.50	0.00	
17	16.05	427.40	12.89	4.91	37.50	892.06	2618.41	73.87	19.34	7.09	4.50	0.00	
18	14.45	785.13	7.09	5.33	136.45	1278.55	1737.69	73.87	19.34	6.64	4.50	0.00	
19	14.45	777.69	6.64	22.76	733.40	1719.18	1297.31	69.42	17.68	6.20	4.50	0.00	
20	11.37	453.70	21.04	16.05	352.71	2680.28	1035.94	66.49	17.68	6.20	4.50	0.00	
21	6.20	321.67	24.52	12.89	162.50	4190.45	842.63	60.70	17.68	6.20	4.50	0.00	
22	6.64	196.83	35.58	7.09	106.56	5104.41	785.13	60.70	17.68	6.20	4.09	0.00	
23	6.64	131.36	31.79	5.76	96.96	5642.57	604.00	60.70	17.68	5.76	2.93	0.00	
24	6.64	92.24	24.52	8.47	92.24	5104.41	480.33	55.03	17.68	5.76	2.56	0.00	
25	6.20	63.58	19.34	9.90	87.56	2938.68	416.55	49.49	17.68	5.33	1.21	0.00	
26	5.33	49.49	17.68	14.45	66.49	1600.29	342.30	46.77	16.05	5.33	1.53	0.00	
27	4.50	37.50	17.68	19.34	63.58	961.48	313.50	46.77	16.05	4.91	2.56	0.00	
28	3.31	29.94	24.52	12.89	121.31	996.60	305.38	44.08	14.45	4.91	2.21	0.38	
29	2.93	26.30	26.30	12.89	167.83	1449.50	273.34	44.08	14.45	5.76	2.21	3.31	
30	4.91	37.50	21.04	12.89	273.34	1963.17	234.42	41.42	12.89	5.76		3.31	
31		121.31		8.47	453.70		196.83		12.89	5.33		3.31	
Total	212.15	4629.15	847.99	594.69	3552.16	46658.59	72558.46	3134.41	718.95	242.30	128.11	19.32	133296.28 Ton/day
Mean	7.07	149.33	28.27	19.18	114.59	1555.29	2340.60	104.48	23.19	7.82	4.42	0.62	Ton/day
Max	17.68	785.13	116.34	82.94	733.40	5642.57	5483.87	226.79	41.42	12.89	6.64	3.31	5642.57 Ton/day
Min	0.00	21.04	6.64	4.91	14.45	211.70	196.83	41.42	12.89	4.91	1.21	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	24		
R-Square	0.9554		
Remarks	Continued Sediment Station		

$$QS = 3.6194 QW^{1.17930}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.93	3.62	21.89	13.22	2.70	133.41	1063.12	360.13	16.66	10.41	8.20	1.52	
2	10.66	4.27	21.33	13.22	3.20	118.04	1080.36	319.27	15.86	10.41	8.20	2.10	
3	14.80	4.05	18.02	13.22	11.42	69.15	1097.64	285.48	14.53	10.41	8.20	3.11	
4	14.53	4.05	15.86	13.22	14.27	58.06	1114.96	262.41	15.06	11.17	8.20	6.30	
5	14.53	6.30	14.53	12.70	20.22	129.29	1097.64	250.98	14.53	12.96	8.20	3.83	
6	13.74	9.67	14.53	12.45	17.47	198.23	1097.64	228.37	14.27	12.45	8.20	3.62	
7	13.22	14.01	14.01	15.06	15.59	282.16	1303.92	135.48	15.06	11.93	7.96	10.16	
8	12.19	18.02	14.27	17.20	14.80	323.32	1794.71	52.64	15.06	11.93	7.24	11.17	
9	9.17	21.89	14.53	15.33	13.22	323.32	2541.18	25.29	14.53	11.93	7.00	11.17	
10	3.11	22.45	14.53	13.22	12.19	265.68	2967.14	30.53	13.22	10.41	6.53	9.42	
11	1.71	21.89	14.53	14.27	11.68	218.79	3535.97	27.02	13.48	8.20	6.30	7.72	
12	1.05	18.02	13.74	12.96	13.22	260.77	3872.65	26.45	13.74	8.20	6.30	7.00	
13	0.54	23.58	12.96	11.68	18.29	325.35	4076.84	26.45	14.27	8.20	6.07	5.61	
14	0.54	29.36	12.19	9.67	17.47	337.57	4076.84	25.29	14.27	8.20	6.07	4.93	
15	0.81	33.51	11.93	8.20	16.13	297.12	4076.84	24.72	13.22	8.20	6.07	4.71	
16	3.41	35.31	12.45	9.91	15.59	250.98	3940.54	24.15	14.01	8.44	5.84	4.49	
17	4.71	60.81	13.22	11.68	15.86	246.11	3872.65	23.58	14.01	8.93	5.16	3.62	
18	4.49	167.25	13.22	7.72	17.74	327.38	3670.08	23.02	13.74	9.42	4.27	3.11	
19	4.05	273.90	12.96	7.24	64.49	416.43	3402.63	20.77	13.74	9.42	3.62	2.99	
20	3.11	273.90	12.70	7.00	185.74	508.58	2967.14	20.77	14.01	9.42	11.42	2.91	
21	2.58	212.43	13.74	6.77	81.47	558.74	2481.17	18.56	15.86	9.42	2.78	2.91	
22	1.71	129.29	14.80	6.77	77.65	664.39	1960.33	18.29	18.56	9.42	2.50	2.91	
23	1.16	53.53	15.06	6.77	24.15	742.37	1442.89	14.80	15.86	9.42	2.18	3.11	
24	0.71	27.60	14.27	7.00	22.45	857.77	1063.12	19.11	13.22	9.17	1.98	3.41	
25	0.11	24.72	13.22	7.24	21.33	1097.64	857.77	16.13	13.22	9.17	1.90	3.41	
26	0.00	17.47	13.22	7.72	19.11	1794.71	745.73	16.39	13.22	9.17	1.71	3.32	
27	0.00	16.66	12.96	9.91	18.29	1794.71	667.22	16.39	13.22	9.17	1.98	3.20	
28	0.71	15.59	12.96	5.38	19.66	1350.00	597.04	16.39	13.22	9.17	1.41	3.11	
29	1.90	14.80	14.01	3.83	26.45	1045.92	538.13	16.66	13.22	8.44	1.41	3.11	
30	3.20	14.53	14.27	3.20	28.19	1028.77	467.47	16.66	13.22	8.20		2.99	
31		15.06		2.70	34.71		405.91		12.96	8.20		2.58	
Total	151.38	1587.54	431.91	306.46	874.75	16024.76	63877.27	2362.18	443.05	299.59	156.90	143.55	86659.34 Tonday
Mean	5.05	51.21	14.40	9.89	28.22	534.16	2060.56	78.74	14.29	9.66	5.41	4.63	Ton/day
Max	14.80	273.90	21.89	17.20	185.74	1794.71	4076.84	360.13	18.56	12.96	11.42	11.17	4076.84 Ton/day
Min	0.00	3.62	11.93	2.70	2.70	58.06	405.91	14.80	12.96	8.20	1.41	1.52	0.00 Ton/day

WATER YEAR : 2007**CHI RIVER BASIN****Nam Yang at Ban Kaeng Yao , Kalasin (E.54)**

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

Location : on left 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.		
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	2007		
Number of observation	20		
R-Square	0.9129		
Remarks	Continued Sediment Station		

$$QS = 8.1500 QW^{1.10360}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.50	0.00	56.71	10.89	14.64	167.81	78.65	47.08	14.64	10.89	9.05	7.26	
2	5.50	0.00	40.76	9.97	16.55	229.69	66.50	53.48	14.64	10.89	9.97	7.26	
3	5.50	0.00	31.46	9.97	15.59	251.94	92.10	63.22	13.69	10.89	9.97	7.26	
4	6.37	6.37	23.39	9.05	16.55	289.42	1879.82	69.79	13.69	10.89	9.97	7.26	
5	6.37	8.15	17.51	9.05	15.59	1933.85	5316.06	69.79	12.75	10.89	9.97	7.26	
6	2.96	9.05	15.59	9.05	21.42	3667.08	6683.03	63.22	13.69	10.89	9.97	7.26	
7	2.96	9.05	16.55	9.97	83.11	2196.97	6898.47	56.71	13.69	10.89	9.05	5.50	
8	2.96	9.05	15.59	9.97	342.67	1458.94	5316.06	53.48	12.75	10.89	8.15	5.50	
9	2.96	9.05	15.59	13.69	769.38	1186.34	4847.89	53.48	12.75	10.89	8.15	5.50	
10	3.79	9.05	13.69	12.75	1264.09	1290.11	4673.21	50.27	12.75	10.89	8.15	5.50	
11	3.79	9.05	13.69	10.89	1229.48	1364.10	3343.36	50.27	12.75	10.89	8.15	5.50	
12	3.79	9.05	11.81	11.81	524.08	1342.30	2060.48	50.27	12.75	9.97	8.15	5.50	
13	3.79	11.81	9.97	9.97	266.87	1259.76	1313.28	47.08	11.81	9.97	8.15	5.50	
14	3.79	9.05	9.05	9.05	152.34	1220.84	665.32	47.08	11.81	9.97	8.15	5.50	
15	3.79	9.05	9.05	9.97	124.19	1177.73	446.21	35.56	11.81	9.05	8.15	5.50	
16	0.00	9.97	9.97	9.05	1246.77	1212.20	266.87	31.46	11.81	9.05	8.15	5.50	
17	0.00	9.97	25.39	10.89	4253.63	1229.48	237.08	29.42	11.81	9.05	8.15	5.50	
18	0.00	9.05	15.59	10.89	6716.14	769.38	203.99	29.42	11.81	9.05	8.15	5.50	
19	0.00	9.05	27.40	9.97	5490.84	418.78	147.61	23.39	11.81	9.05	8.15	5.50	
20	0.00	9.05	21.42	9.97	2506.17	304.55	133.51	21.42	11.81	9.05	8.15	5.50	
21	0.00	9.05	16.55	11.81	1473.59	185.82	87.59	17.51	11.81	9.05	8.15	6.37	
22	0.00	9.05	13.69	15.59	1342.30	124.19	53.48	16.55	11.81	9.05	8.15	6.37	
23	0.00	8.15	10.89	11.81	1400.51	83.11	50.27	15.59	12.75	9.05	8.15	7.26	
24	0.00	8.15	8.15	11.81	1422.39	53.48	53.48	13.69	12.75	9.05	8.15	9.05	
25	0.00	9.05	8.15	10.89	1264.09	63.22	59.96	13.69	12.75	9.05	8.15	9.05	
26	0.00	9.05	9.05	10.89	998.33	87.59	56.71	12.75	11.81	9.05	8.15	9.05	
27	0.00	9.05	9.05	9.97	455.38	92.10	56.71	14.64	10.89	9.05	8.15	9.05	
28	0.00	9.97	8.15	10.89	259.39	78.65	59.96	14.64	10.89	9.05	8.15	9.05	
29	0.00	27.40	8.15	10.89	173.79	74.21	59.96	15.59	10.89	9.05	8.15	9.05	
30	0.00	56.71	8.15	11.81	179.79	78.65	53.48	15.59	10.89	9.05		9.05	
31		66.50		11.81	222.32		50.27		10.89	9.05		9.05	
Total	63.82	377.00	500.16	334.99	34261.98	23892.29	45311.37	1096.13	383.15	303.55	247.25	212.96	106984.65 Ton/day
Mean	2.13	12.16	16.67	10.81	1105.23	796.41	1461.66	36.54	12.36	9.79	8.53	6.87	Ton/day
Max	6.37	66.50	56.71	15.59	6716.14	3667.08	6898.47	69.79	14.64	10.89	9.97	9.05	6898.47 Ton/day
Min	0.00	0.00	8.15	9.05	14.64	53.48	50.27	12.75	10.89	9.05	8.15	5.50	0.00 Ton/day

WATER YEAR : 2007**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	2007					
Number of observation	28					
R-Square	0.8324					
Remarks	Continued Sediment Station					

$$QS = 9.5524 QW^{0.84100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	178.02	257.28	265.87	334.22	246.89	1145.15	1597.80	2539.77	560.91	401.27	279.94	232.92		
2	202.67	277.82	238.18	290.51	330.03	1166.95	1616.82	2539.77	553.98	374.31	271.43	239.93		
3	227.64	288.40	215.22	224.10	565.52	1164.23	1667.34	2534.18	544.72	311.43	273.56	252.10		
4	220.56	267.58	195.43	253.83	595.31	1147.88	1736.34	2534.18	529.57	288.40	265.87	252.10		
5	204.47	255.55	225.87	241.67	517.81	1142.42	1875.89	2528.58	456.22	220.56	241.67	252.10		
6	193.61	365.94	231.16	225.87	509.95	1161.51	2046.64	2528.58	444.13	213.44	248.63	243.41		
7	180.79	419.74	186.31	218.78	638.35	1215.73	2194.75	2522.98	438.05	224.10	236.43	239.93		
8	173.86	393.01	215.22	179.41	842.38	1256.10	2311.89	2511.78	431.97	225.87	231.16	265.87		
9	171.07	344.86	188.14	151.29	933.24	1329.28	2407.15	2494.96	425.86	227.64	227.64	262.44		
10	178.02	313.51	189.97	145.55	1082.03	1401.59	2461.26	2483.74	403.33	231.16	224.10	245.16		
11	182.63	309.35	211.65	146.99	1202.22	1501.66	2528.58	2465.76	313.51	252.10	236.43	248.63		
12	178.02	342.73	184.47	131.01	1280.20	1552.63	2578.85	2461.26	277.82	277.82	239.93	234.67		
13	182.63	407.45	165.46	114.65	1242.67	1549.81	2634.49	2447.75	298.91	282.06	245.16	193.61		
14	193.61	462.25	188.14	69.57	1034.92	1558.28	2667.77	2429.72	307.27	296.81	246.89	191.79		
15	202.67	504.03	149.86	73.96	880.45	1566.73	2706.50	2393.58	303.09	298.91	243.41	169.67		
16	213.44	515.85	146.99	107.07	948.21	1563.92	2717.54	2334.64	311.43	303.09	262.44	159.82		
17	218.78	529.57	176.64	131.01	1062.68	1541.33	2717.54	2261.70	311.43	305.18	303.09	176.64		
18	215.22	531.53	184.47	149.86	1062.68	1530.02	2717.54	2180.03	317.65	269.30	307.27	229.40		
19	215.22	474.26	202.67	133.94	1282.87	1527.19	2712.02	2095.00	298.91	282.06	307.27	227.64		
20	209.86	409.50	202.67	148.43	1364.08	1549.81	2695.44	1915.37	309.35	275.69	303.09	195.43		
21	208.06	374.31	220.56	175.25	1343.80	1664.19	2678.85	1761.30	267.58	265.87	309.35	232.92		
22	220.56	321.79	208.06	186.31	1326.38	1745.70	2662.23	1549.81	275.69	273.56	313.51	311.43		
23	208.06	344.86	209.86	188.14	1294.31	1773.75	2640.04	1421.71	286.29	260.72	321.79	313.51		
24	193.61	372.22	332.09	248.63	1239.98	1755.06	2617.82	1068.21	374.31	255.55	325.92	282.06		
25	182.63	386.80	365.94	243.41	1161.51	1695.63	2595.57	940.73	384.72	255.55	298.91	290.51		
26	175.25	374.31	365.94	224.10	1093.05	1619.99	2562.12	882.98	390.95	239.93	239.93	275.69		
27	178.02	344.86	346.98	191.79	1079.27	1558.28	2562.12	806.55	395.08	246.89	239.93	271.43		
28	173.86	317.65	363.84	173.86	1065.45	1521.52	2550.95	718.44	399.21	267.58	241.67	336.35		
29	182.63	298.91	363.84	156.99	1046.04	1513.02	2539.77	658.54	374.31	264.16	239.93	330.03		
30	236.43	311.43	315.58	148.43	1020.99	1524.35	2534.18	604.42	372.22	259.00		349.09		
31		265.87		145.55	1029.35		2534.18		405.39	252.10		365.94		
Total	5901.90	11383.22	7057.08	5554.18	30322.62	43943.71	75069.98	58616.02	11763.86	8402.11	7726.35	7872.22	273613.25	Ton/day
Mean	196.73	367.20	235.24	179.17	978.15	1464.79	2421.61	1953.87	379.48	271.04	266.43	253.94		Ton/day
Max	236.43	531.53	365.94	334.22	1364.08	1773.75	2717.54	2539.77	560.91	401.27	325.92	365.94	2717.54	Ton/day
Min	171.07	255.55	146.99	69.57	246.89	1142.42	1597.80	604.42	267.58	213.44	224.10	159.82	69.57	Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	19		
R-Square	0.9165		
Remarks	Continued Sediment Station		

$$QS = 5.7470 QW^{1.23410}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	0.11	98.52	33.77	5.05	844.05	226.06	197.94	13.52	4.03	2.20	0.60	
2	0.51	0.08	63.44	3.38	23.68	693.30	203.50	284.28	10.26	3.70	2.09	0.60	
3	0.46	0.22	56.80	3.70	25.08	757.21	375.98	293.23	8.71	3.38	2.03	0.51	
4	0.25	0.14	32.29	3.06	17.80	964.37	5588.20	214.72	8.71	3.06	1.91	0.65	
5	0.22	0.46	21.38	2.38	11.87	1720.37	12510.32	200.72	7.94	2.44	1.91	0.60	
6	0.25	0.89	13.52	2.20	25.08	5415.05	14260.31	184.15	7.20	3.38	1.85	0.51	
7	0.22	1.19	8.71	2.09	206.30	4796.26	14832.31	143.99	6.46	2.75	1.74	0.51	
8	0.22	1.09	5.75	1.74	4754.12	2825.31	14189.12	128.48	5.75	2.38	1.68	0.51	
9	0.22	0.74	4.03	1.74	3954.59	1709.91	12744.79	113.31	5.39	2.44	1.52	0.46	
10	0.22	0.79	2.44	2.75	3415.25	1921.21	11530.42	98.52	5.39	3.06	1.41	0.79	
11	0.22	0.94	2.20	3.06	2875.03	2180.69	9618.18	93.68	5.05	3.38	1.35	1.09	
12	0.22	1.74	2.09	2.26	1772.81	2325.99	6821.69	77.12	5.05	3.06	1.35	1.19	
13	0.22	2.03	2.09	1.91	1097.21	2233.32	4238.66	70.22	4.36	2.44	1.35	0.94	
14	0.22	1.41	2.38	1.57	575.62	2141.37	2446.17	65.69	4.36	2.26	1.41	0.74	
15	0.22	1.19	4.36	1.35	311.28	2246.51	1585.44	56.80	4.36	2.20	1.35	0.60	
16	0.22	1.19	5.75	1.19	1699.47	3092.36	1087.62	49.23	4.03	2.20	1.25	0.51	
17	0.22	1.09	16.06	2.03	8730.93	4490.22	778.75	41.37	4.03	2.20	1.09	0.34	
18	0.22	0.94	72.51	2.44	11920.56	3972.24	616.68	32.29	3.70	2.20	1.04	0.25	
19	0.22	1.04	72.51	4.70	12675.09	2680.78	488.58	35.27	3.38	2.20	0.94	0.22	
20	0.22	1.19	46.06	2.75	10661.80	1616.39	394.88	32.29	3.06	2.20	1.09	0.38	
21	0.22	1.04	32.29	2.38	7466.16	932.61	297.72	26.49	3.06	2.20	1.19	1.35	
22	0.14	0.94	16.06	2.26	6901.65	515.07	226.06	21.38	2.75	2.09	1.09	0.89	
23	0.14	0.65	9.48	2.20	5696.95	338.72	189.64	19.58	4.70	2.09	1.09	0.79	
24	0.14	0.60	9.48	2.03	4131.69	228.91	186.89	19.58	4.36	2.03	1.04	1.09	
25	0.11	0.46	4.70	1.74	2924.92	203.50	181.42	19.58	4.03	2.03	1.04	1.91	
26	0.08	0.38	4.03	1.57	2339.28	226.06	167.87	19.58	4.03	2.03	0.89	1.74	
27	0.08	0.79	3.06	1.41	2037.20	284.28	162.50	18.69	4.03	1.91	0.65	1.68	
28	0.05	2.75	2.44	1.74	1332.10	262.15	159.83	17.80	4.03	1.91	0.38	1.68	
29	0.05	30.82	2.26	1.85	778.75	240.37	154.52	17.80	4.03	1.91	0.38	1.57	
30	0.08	105.87	2.20	1.57	707.41	209.10	149.24	16.93	4.03	1.91		1.57	
31		170.56		1.25	925.17		143.99		4.03	1.85		1.68	
Total	6.46	333.33	618.89	100.07	99999.90	52067.68	116557.34	2610.71	163.79	76.92	38.31	27.95	272601.35 Tonday
Mean	0.22	10.75	20.63	3.23	3225.80	1735.59	3759.91	87.02	5.28	2.48	1.32	0.90	Ton/day
Max	0.60	170.56	98.52	33.77	12675.09	5415.05	14832.31	293.23	13.52	4.03	2.20	1.91	14832.31 Ton/day
Min	0.05	0.08	2.09	1.19	5.05	203.50	143.99	16.93	2.75	1.85	0.38	0.22	0.05 Ton/day

WATER YEAR : 2007**CHI RIVER BASIN****Lam Chiang at Ban Chiang , Chaiyaphum (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 Chumpho	Changwat Chaiyaphum
Drainage Area	323 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	2007		
Number of observation	24		
R-Square	0.8339		
Remarks	Continued Sediment Station		

$$QS = 3.2869 QW^{1.57230}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.40	0.66	0.78	0.94	2.31	7.57	48.23	8.65	3.82	1.47	1.67	0.55	
2	0.35	0.78	0.72	0.78	9.77	6.22	27.26	8.65	3.82	1.28	1.47	0.50	
3	0.30	1.47	0.72	0.72	7.57	11.35	19.87	8.65	3.82	1.11	1.47	0.44	
4	0.30	3.03	0.66	1.28	2.55	15.12	146.71	8.28	3.55	1.11	1.47	0.40	
5	0.30	4.67	0.72	1.28	1.67	21.99	1841.18	8.28	3.55	0.94	1.28	0.40	
6	0.30	4.67	2.31	1.47	1.11	13.53	623.14	7.92	3.55	0.94	1.28	0.35	
7	0.30	4.67	2.55	1.11	0.94	9.77	234.69	7.57	3.55	0.94	1.28	0.30	
8	0.30	8.65	1.28	0.94	0.66	7.22	79.74	7.22	3.55	0.94	1.11	0.30	
9	0.50	4.38	1.28	0.94	0.66	5.90	62.36	6.88	3.29	0.94	1.11	0.26	
10	1.28	3.03	0.94	0.78	3.29	5.27	149.61	6.55	2.79	0.94	0.94	0.26	
11	1.47	2.79	0.66	0.78	3.82	8.65	234.69	6.22	2.55	0.94	0.94	0.26	
12	0.94	3.82	0.60	0.72	3.29	17.34	378.38	6.22	2.55	0.94	0.94	0.26	
13	0.72	23.46	0.55	0.66	2.79	16.22	83.07	6.22	2.55	0.94	0.78	0.24	
14	0.60	11.76	1.11	0.60	2.31	15.12	52.13	6.22	2.31	0.94	0.78	0.24	
15	0.50	11.35	0.78	0.55	1.67	13.53	41.67	5.90	2.31	0.94	0.72	0.22	
16	0.50	12.18	0.72	0.60	1.28	9.77	30.45	5.90	2.31	0.94	0.72	0.20	
17	0.44	14.06	0.78	0.55	3.55	65.41	24.20	5.90	2.09	0.94	0.66	0.18	
18	0.26	32.09	3.03	0.50	106.95	33.77	19.17	5.90	2.09	0.78	0.66	0.18	
19	0.30	33.77	2.55	0.44	36.33	24.20	15.67	5.90	2.09	0.78	0.60	0.18	
20	0.35	21.99	1.88	0.44	20.57	1109.25	15.12	5.58	2.09	0.78	0.60	0.18	
21	0.35	11.35	1.47	0.40	7.92	886.42	14.59	5.58	2.09	0.78	0.60	0.18	
22	0.35	4.67	1.28	0.40	4.38	102.58	13.02	5.58	2.09	0.72	0.55	0.18	
23	0.35	2.31	1.11	0.40	3.03	50.17	11.76	5.58	2.09	0.72	0.55	0.35	
24	0.35	1.67	1.11	0.40	2.31	37.21	11.35	5.27	2.09	0.72	0.55	1.47	
25	0.35	1.11	0.94	0.40	1.88	35.47	10.95	4.97	1.88	0.72	0.55	2.31	
26	0.35	0.94	1.11	0.44	1.88	35.47	10.55	4.97	1.88	0.72	0.50	3.29	
27	0.40	0.94	1.28	0.44	2.55	33.77	9.77	4.67	1.88	0.72	0.50	4.38	
28	0.50	0.94	1.28	0.44	4.38	35.47	8.65	4.38	1.88	0.72	0.50	6.22	
29	0.55	0.94	1.47	0.50	8.28	217.34	8.28	4.09	1.88	0.94	0.50	7.57	
30	0.60	0.94	1.47	0.72	16.22	239.10	7.92	3.82	1.88	1.67		8.65	
31		0.94		0.78	14.59		7.57		1.67	1.67		9.02	
Total	14.56	230.03	37.14	21.40	280.51	3090.20	4241.75	187.52	79.54	29.63	25.28	49.52	8287.08 Ton/day
Mean	0.49	7.42	1.24	0.69	9.05	103.01	136.83	6.25	2.57	0.96	0.87	1.60	Ton/day
Max	1.47	33.77	3.03	1.47	106.95	1109.25	1841.18	8.65	3.82	1.67	1.67	9.02	1841.18 Ton/day
Min	0.26	0.66	0.55	0.40	0.66	5.27	7.57	3.82	1.67	0.72	0.50	0.18	0.18 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	23		
R-Square	0.8135		
Remarks	Continued Sediment Station		

$$QS = 1.5449 QW^{1.31730}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	0.45	4.50	2.99	4.50	38.87	110.88	29.57	4.50	1.96	0.79	0.28	
2	0.20	0.49	3.28	2.71	9.28	26.98	89.98	36.41	4.42	1.96	0.79	0.28	
3	0.28	0.54	2.99	2.57	10.88	25.86	73.06	28.99	4.34	1.90	0.79	0.28	
4	0.40	0.59	3.06	2.43	6.22	47.77	84.39	22.15	4.26	1.84	0.79	0.28	
5	0.45	0.84	3.13	2.36	4.89	68.16	749.72	20.62	4.11	1.77	0.79	0.28	
6	0.54	0.95	3.20	2.36	4.42	58.21	775.10	19.11	4.03	1.71	0.79	0.24	
7	0.69	1.46	3.28	2.36	4.18	49.40	560.29	17.27	3.95	1.65	0.79	0.24	
8	0.89	1.96	2.85	2.23	4.65	40.74	310.30	16.19	3.72	1.59	0.74	0.24	
9	0.89	1.84	2.50	2.09	9.59	34.29	234.14	14.94	3.65	1.52	0.74	0.24	
10	0.79	1.77	2.29	1.96	12.70	56.65	230.66	14.25	3.57	1.46	0.74	0.24	
11	0.95	1.77	2.09	1.90	16.01	57.43	254.04	13.55	3.50	1.40	0.74	0.20	
12	1.06	2.92	1.96	1.77	13.55	47.45	219.18	12.70	3.42	1.34	0.74	0.20	
13	1.11	4.58	1.84	1.65	11.37	34.90	220.32	11.86	3.35	1.29	0.74	0.20	
14	1.06	3.57	1.71	1.52	8.97	37.33	279.66	11.04	3.28	1.29	0.74	0.16	
15	0.89	5.55	1.59	1.46	6.86	44.54	223.76	10.71	3.13	1.23	0.69	0.16	
16	0.69	27.55	1.52	1.40	7.45	50.06	172.56	10.07	3.06	1.17	0.69	0.16	
17	0.45	21.19	1.52	1.34	16.37	47.12	119.10	9.59	2.99	1.17	0.69	0.13	
18	0.28	14.59	1.96	1.46	39.80	37.94	73.47	8.81	2.92	1.11	0.64	0.09	
19	0.32	9.75	2.29	2.99	21.00	63.73	57.82	8.20	2.78	1.06	0.64	0.09	
20	0.36	8.35	2.71	2.36	14.42	166.13	50.72	7.90	2.71	1.06	0.59	0.09	
21	0.36	7.30	2.85	2.29	13.73	195.54	48.75	7.60	2.64	1.00	0.59	0.06	
22	0.40	5.55	2.57	2.29	19.86	95.22	47.12	7.30	2.57	0.95	0.54	0.06	
23	0.40	4.34	2.16	2.23	20.81	60.17	45.18	6.86	2.50	0.89	0.49	0.06	
24	0.36	3.50	2.03	2.23	14.42	57.04	42.00	6.48	2.43	0.89	0.45	0.06	
25	0.32	2.85	1.96	2.23	16.19	54.39	40.12	6.22	2.36	0.89	0.45	0.06	
26	0.32	2.43	1.90	2.23	28.70	57.04	35.80	5.80	2.29	0.89	0.40	0.06	
27	0.32	2.23	2.03	2.16	27.55	69.78	32.20	5.30	2.23	0.84	0.40	0.06	
28	0.36	2.29	3.06	2.16	33.10	90.41	28.70	4.98	2.16	0.84	0.40	0.06	
29	0.40	2.78	3.28	2.16	45.18	160.13	25.86	4.73	2.09	0.84	0.40	0.06	
30	0.40	4.34	3.20	2.16	67.75	172.56	24.46	4.65	2.03	0.84		0.06	
31		4.73		2.09	57.04		23.71		1.96	0.84		0.06	
Total	16.14	153.05	75.31	66.14	571.44	2045.84	5283.05	383.85	96.95	39.19	18.77	4.74	8754.47 Tonday
Mean	0.54	4.94	2.51	2.13	18.43	68.19	170.42	12.79	3.13	1.26	0.65	0.15	Ton/day
Max	1.11	27.55	4.50	2.99	67.75	195.54	775.10	36.41	4.50	1.96	0.79	0.28	775.10 Ton/day
Min	0.20	0.45	1.52	1.34	4.18	25.86	23.71	4.65	1.96	0.84	0.40	0.06	0.06 Ton/day

WATER YEAR : 2007**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
Drainge 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	2007		
Number of observation	23		
R-Square	0.8160		
Remarks	Continued Sediment Station		

$$QS = 1.2118 QW^{1.78190}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.39	2.15	3.25	2.15	2.32	51.49	183.87	14.46	4.55	2.32	2.15	1.39	
2	1.26	2.15	2.86	1.99	5.77	46.03	72.04	14.08	4.55	2.32	1.99	1.26	
3	1.13	2.50	2.50	1.99	9.20	44.97	58.40	13.70	4.32	2.32	1.99	1.26	
4	1.13	5.77	2.15	1.99	3.66	42.89	104.52	12.96	4.09	2.15	1.99	1.00	
5	1.00	6.03	2.15	2.32	2.50	47.10	1630.14	11.88	4.09	2.15	1.99	1.00	
6	1.00	5.77	2.50	2.68	1.99	84.12	4320.51	10.84	3.87	2.15	1.99	1.00	
7	1.26	8.58	2.86	2.50	1.83	135.28	1509.85	10.50	3.66	2.15	1.99	1.00	
8	1.68	13.32	2.50	2.32	1.99	53.75	916.13	10.17	3.45	2.15	1.99	1.00	
9	1.99	6.83	2.15	1.99	3.45	21.18	536.50	9.84	3.45	2.15	1.99	1.00	
10	2.32	5.77	2.15	1.83	49.28	21.63	819.54	9.52	3.45	1.99	1.99	1.00	
11	1.99	5.77	1.99	1.83	13.70	34.98	618.89	8.89	3.45	1.99	1.83	0.89	
12	1.99	5.77	1.99	1.83	9.52	24.95	499.53	8.89	3.25	1.99	1.83	0.89	
13	1.99	8.89	1.99	1.83	7.11	17.26	306.18	8.89	3.25	1.99	1.83	1.39	
14	2.15	9.52	1.99	1.83	5.26	16.03	236.68	8.58	3.25	1.83	1.83	1.53	
15	2.32	8.89	2.15	1.83	4.32	16.85	192.76	8.28	3.25	1.83	1.83	1.68	
16	1.83	43.92	2.15	1.83	4.32	17.68	160.13	7.98	3.25	1.83	1.83	1.53	
17	1.53	66.93	2.68	1.83	54.90	16.85	123.54	7.69	3.25	1.83	1.68	1.39	
18	1.39	126.85	4.32	1.83	450.59	11.88	92.63	7.40	3.25	1.83	1.68	1.26	
19	1.39	91.18	3.45	1.68	73.34	26.94	72.04	7.11	3.05	1.83	1.53	1.13	
20	1.39	41.86	3.87	1.68	19.83	1078.26	51.49	6.56	3.05	1.83	1.53	1.00	
21	1.53	14.84	3.05	1.68	13.32	701.10	38.84	6.29	2.86	1.83	1.53	0.89	
22	1.53	9.52	2.86	1.68	9.84	161.98	37.86	6.03	2.68	1.83	1.39	0.89	
23	1.53	7.69	2.68	2.32	10.17	56.05	32.19	5.77	2.50	1.83	1.39	0.89	
24	1.53	5.51	2.50	2.15	13.32	163.83	28.47	5.51	2.50	1.83	1.26	1.68	
25	1.26	4.09	2.15	2.15	12.23	131.88	24.95	5.26	2.50	1.83	1.26	1.68	
26	1.68	3.45	2.32	1.99	10.84	68.19	22.56	5.26	2.50	1.83	1.13	1.53	
27	2.15	3.25	2.32	1.68	32.19	68.19	21.18	5.02	2.50	1.83	1.13	1.13	
28	2.15	3.05	2.50	1.99	15.63	75.97	16.85	4.78	2.50	1.99	1.00	1.00	
29	2.15	2.86	2.50	2.86	37.86	260.11	15.63	4.78	2.50	1.99	1.00	1.13	
30	2.15	3.25	2.50	3.05	57.22	536.50	15.63	4.55	2.50	2.15		1.13	
31		3.87		3.05	53.75		15.24		2.32	2.32		1.00	
Total	49.79	529.83	77.03	64.36	991.25	4033.92	12774.77	251.47	99.64	61.89	48.55	36.55	19019.05 Ton/day
Mean	1.66	17.09	2.57	2.08	31.98	134.46	412.09	8.38	3.21	2.00	1.67	1.18	Ton/day
Max	2.32	126.85	4.32	3.05	450.59	1078.26	4320.51	14.46	4.55	2.32	2.15	1.68	4320.51 Ton/day
Min	1.00	2.15	1.99	1.68	1.83	11.88	15.24	4.55	2.32	1.83	1.00	0.89	0.89 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	20		
R-Square	0.7516		
Remarks	Continued Sediment Station		

$$QS = 3.4997 QW^{1.13520}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	178.93	166.29	271.21	479.53	250.76	1415.16	2788.67	6020.98	752.36	351.73	141.35	173.86	
2	194.24	168.81	220.07	288.89	545.72	1368.48	2866.27	6113.69	789.07	348.71	153.76	233.39	
3	176.39	156.26	196.80	401.53	646.80	1384.02	2711.33	6160.11	834.21	194.24	141.35	250.76	
4	151.27	158.76	250.76	385.49	616.26	1462.03	2920.74	6160.11	698.07	176.39	166.29	222.68	
5	163.77	189.12	280.03	345.69	565.77	1540.53	4146.34	6144.63	646.80	166.29	168.81	212.28	
6	146.30	339.65	294.81	303.71	542.38	1651.90	5470.26	6036.42	640.00	136.43	136.43	194.24	
7	133.97	354.76	300.74	265.35	579.18	1819.62	6191.08	5915.92	596.00	161.26	156.26	239.16	
8	141.35	306.69	247.86	256.58	772.73	2298.37	6486.19	5786.11	592.63	143.83	131.52	214.87	
9	158.76	212.28	225.28	233.39	1143.09	2757.70	6632.40	5599.22	499.28	153.76	151.27	212.28	
10	196.80	201.95	230.51	282.98	1540.53	2788.67	6702.72	5470.26	453.35	236.28	121.78	207.11	
11	212.28	217.47	207.11	204.52	2019.68	2603.50	6790.74	5398.77	395.10	259.50	121.78	161.26	
12	173.86	297.77	214.87	156.26	1892.08	2526.79	6896.55	5211.54	360.83	227.89	189.12	121.78	
13	173.86	612.88	262.42	158.76	1488.14	2603.50	6914.20	4920.42	357.79	239.16	312.65	133.97	
14	176.39	698.07	262.42	176.39	1064.10	2611.18	6773.13	4647.24	354.76	253.67	274.15	112.12	
15	181.47	575.83	230.51	124.20	776.81	2496.19	6564.12	4212.85	321.62	282.98	291.84	79.15	
16	173.86	680.93	236.28	109.72	801.35	2197.47	6284.09	3722.63	315.64	265.35	369.95	176.39	
17	186.56	572.47	294.81	104.94	1296.25	1922.37	6051.86	3200.59	288.89	312.65	330.62	178.93	
18	201.95	529.08	277.09	156.26	1867.89	1970.95	5915.92	2595.81	398.31	256.58	348.71	151.27	
19	176.39	532.40	348.71	116.94	1922.37	2068.54	5814.93	1995.30	420.87	294.81	339.65	143.83	
20	163.77	482.81	327.62	136.43	1753.50	2542.11	5742.91	1514.31	321.62	306.69	265.35	161.26	
21	156.26	476.25	297.77	151.27	1619.51	2905.16	5699.76	1127.90	479.53	280.03	247.86	294.81	
22	163.77	515.81	398.31	194.24	1593.13	2819.68	5685.38	950.42	466.42	309.67	262.42	312.65	
23	151.27	589.27	579.18	339.65	1651.90	2626.56	5699.76	946.24	437.07	288.89	212.28	204.52	
24	126.64	663.84	633.20	242.06	1451.60	2336.26	5714.14	925.37	395.10	285.93	242.06	280.03	
25	114.53	633.20	565.77	277.09	1311.69	2093.03	5757.31	925.37	360.83	297.77	285.93	247.86	
26	153.76	565.77	559.08	242.06	1337.47	1983.12	5814.93	900.40	443.57	300.74	271.21	277.09	
27	178.93	472.97	585.90	214.87	1425.56	2007.48	5887.04	858.96	486.10	288.89	212.28	486.10	
28	158.76	515.81	559.08	156.26	1321.99	2086.90	5974.69	789.07	492.68	315.64	194.24	459.88	
29	178.93	420.87	569.12	133.97	1115.11	2148.24	6020.98	817.76	469.69	288.89	199.37	404.74	
30	166.29	274.15	532.40	363.87	1198.98	2359.03	6067.31	756.43	495.98	259.50		330.62	
31		271.21		161.26	1467.25		6036.42		472.97	194.24		306.69	
Total	5011.31	12853.43	10459.72	7164.16	37579.58	65394.54	175022.17	105824.83	15037.14	7878.39	6440.29	7185.58	45585.14 Tonday
Mean	167.04	414.63	348.66	231.10	1212.24	2179.82	5645.88	3527.49	485.07	254.14	222.08	231.79	Ton/day
Max	212.28	698.07	633.20	479.53	2019.68	2905.16	6914.20	6160.11	834.21	351.73	369.95	486.10	6914.20 Ton/day
Min	114.53	156.26	196.80	104.94	250.76	1368.48	2711.33	756.43	288.89	136.43	121.78	79.15	79.15 Ton/day

WATER YEAR : 2007**CHI RIVER BASIN****Lam Nam Yang at Ban Tha Ngam , Roi Et (E.92)**

Lat 16 - 06 - 34 N Long 104 - 00 - 40 E

Location : on right bank at the bridge.

	Ban	Tha Ngam	Amphoe	Selaphum	Changwat	Roi Et
Drainage Area	3,359	sq.km.				
Method of sampling	Depth Integrating					
Instrument Used	US.D-49					
Period of Available Records	2007-Cont'd					
Actual Measurement	2007-Cont'd					
Using Rating Curve Water Year	2007					
Number of observation	28					
R-Square	0.9194					
Remarks	Continued Sediment Station					

$$QS = 4.8019 QW^{1.16630}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.84	1.46	32.26	7.29	1.55	715.50	221.87	144.23	8.31	3.81	3.06	1.94	
2	1.84	1.46	28.18	4.36	2.04	633.32	188.87	175.70	8.01	3.92	3.06	1.55	
3	1.94	1.65	19.74	1.94	5.94	580.29	211.75	181.89	7.59	3.38	2.85	1.46	
4	1.94	1.65	14.44	2.65	6.52	660.93	456.96	190.29	7.41	3.27	2.65	1.55	
5	2.04	1.65	9.72	2.65	4.80	872.08	3612.68	170.57	7.11	3.06	2.65	1.65	
6	2.04	1.75	8.01	2.54	6.23	1917.72	8607.98	147.23	6.99	3.49	2.65	1.55	
7	2.04	1.75	5.54	1.84	51.76	2437.33	9246.89	122.46	6.81	3.49	2.34	1.55	
8	2.14	1.94	4.80	1.27	557.06	2241.09	9375.44	100.28	6.99	3.27	2.14	1.94	
9	2.14	2.65	4.25	1.00	2207.49	2437.33	8798.96	87.11	5.94	3.27	2.04	1.94	
10	2.14	2.24	4.47	0.82	2191.39	1245.28	7694.36	77.70	5.65	3.27	2.14	1.55	
11	2.14	2.34	3.49	0.91	2095.15	1284.96	6811.74	72.40	5.37	3.27	2.54	1.46	
12	2.14	2.75	2.65	1.18	1670.14	1374.87	5232.66	65.19	4.97	3.38	2.54	1.55	
13	2.14	2.96	2.65	0.91	1044.85	1426.44	3374.78	58.10	4.80	3.59	2.54	1.46	
14	2.14	2.54	2.44	0.73	645.13	1529.12	1932.20	53.02	4.80	3.06	2.65	1.46	
15	2.14	2.24	2.85	0.91	407.49	1609.67	1304.86	48.01	4.80	3.06	2.24	1.27	
16	2.14	2.24	3.49	2.54	386.99	1888.81	883.85	41.24	4.58	2.85	2.24	1.00	
17	2.14	2.44	4.58	2.04	994.35	2878.32	629.39	36.41	4.97	2.65	2.54	1.00	
18	2.14	2.34	8.61	1.65	4621.63	3161.85	484.41	32.26	4.97	2.34	2.54	1.09	
19	2.14	2.14	24.75	1.75	6247.71	2744.94	428.14	25.89	4.80	2.14	2.54	1.00	
20	2.14	2.24	20.29	1.75	7398.46	1859.96	386.99	21.39	4.47	2.24	2.34	1.09	
21	2.24	2.14	12.36	2.24	5658.61	1415.10	338.75	19.19	4.25	2.65	2.34	1.36	
22	2.24	1.84	9.41	2.24	4535.24	825.23	288.45	16.29	4.25	2.65	2.24	1.65	
23	2.24	1.94	6.23	2.04	3762.88	519.74	249.68	14.44	4.25	2.44	2.04	1.84	
24	2.04	2.44	4.14	1.94	2945.35	405.91	224.78	12.69	4.25	2.34	2.04	2.04	
25	1.65	2.34	3.70	1.75	2063.21	179.82	188.87	11.09	4.25	2.24	2.14	1.65	
26	1.65	1.75	3.38	1.55	1598.13	152.26	172.62	10.46	4.25	2.24	2.04	1.65	
27	1.55	2.34	2.85	1.55	1449.17	277.93	158.33	10.15	4.03	2.14	1.94	1.75	
28	1.55	2.44	3.27	1.46	1112.72	270.46	148.24	10.03	3.70	2.04	1.94	1.75	
29	1.55	2.54	3.92	1.46	784.54	268.97	141.23	9.41	3.81	2.04	1.94	1.75	
30	1.55	2.96	4.03	1.46	547.14	251.15	133.28	8.92	3.92	2.75		1.75	
31		8.19		1.55	697.24		131.30		3.81	3.06		1.75	
Total	59.76	73.35	260.50	59.97	55700.91	38066.38	72060.31	1974.04	164.11	89.40	68.95	48.00	168625.68 Tonday
Mean	1.99	2.37	8.68	1.93	1796.80	1268.88	2324.53	65.80	5.29	2.88	2.38	1.55	Ton/day
Max	2.24	8.19	32.26	7.29	7398.46	3161.85	9375.44	190.29	8.31	3.92	3.06	2.04	9375.44 Ton/day
Min	1.55	1.46	2.44	0.73	1.55	152.26	131.30	8.92	3.70	2.04	1.94	1.00	0.73 Ton/day

WATER YEAR : 2007**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 Kia Changwat Nakhon Ratchasima
Drainage Area	4,724 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	2007	
Number of observation	22	
R-Square	0.8222	
Remarks	Continued Sediment Station	

$$QS = 9.6817 QW^{0.92610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	124.75	64.11	20.94	68.72	516.68	309.85	136.40	37.22	0.00	0.00	9.50	
2	0.00	168.07	54.80	19.42	86.95	528.42	307.13	156.62	26.95	0.00	0.00	9.50	
3	0.00	190.80	50.10	9.50	91.46	513.42	296.23	179.47	17.88	0.00	0.00	4.34	
4	0.00	193.63	47.74	0.00	82.42	492.48	301.68	187.97	14.79	0.00	0.00	0.00	
5	0.00	193.63	50.10	0.00	73.31	483.04	315.29	202.09	14.79	0.00	0.00	0.00	
6	0.00	213.32	59.47	0.00	64.11	369.80	326.14	207.71	14.79	0.00	0.00	0.00	
7	52.45	257.80	98.18	0.00	64.11	241.20	401.00	199.27	13.22	0.00	0.00	0.00	
8	57.14	293.50	100.42	0.00	77.88	170.93	458.97	196.45	11.99	0.00	0.00	0.00	
9	61.79	315.29	98.18	0.00	86.95	75.60	483.83	190.80	9.50	0.00	0.00	0.00	
10	71.02	315.29	71.02	0.00	77.88	77.88	496.41	187.97	6.96	0.00	0.00	0.00	
11	82.42	393.20	54.80	0.00	66.42	66.42	631.28	196.45	2.98	0.00	0.00	0.00	
12	93.70	483.04	50.10	0.00	52.45	61.79	736.61	199.27	11.99	0.00	0.00	0.00	
13	102.65	495.10	42.98	0.00	37.22	59.47	815.61	193.63	9.50	0.00	0.00	0.00	
14	104.87	532.33	35.76	0.00	32.85	66.42	873.36	193.63	5.66	0.00	0.00	0.00	
15	107.09	591.34	29.91	0.00	23.96	95.94	933.29	199.27	2.98	0.00	0.00	0.00	
16	109.31	682.51	32.85	0.00	10.75	102.65	1007.17	216.12	2.98	0.00	0.00	0.00	
17	104.87	774.61	32.85	0.00	8.24	113.74	1110.74	216.12	2.98	0.00	0.00	0.00	
18	107.09	873.36	26.95	0.00	8.24	133.50	1222.69	227.29	8.24	0.00	0.00	0.00	
19	115.95	948.23	31.38	0.00	29.91	153.74	1266.50	241.20	8.24	0.00	0.00	0.00	
20	122.55	1002.84	41.55	0.00	38.66	227.29	1261.64	238.42	6.96	0.00	20.94	0.00	
21	122.55	1011.50	64.11	0.00	54.80	307.13	1227.56	230.08	5.66	0.00	0.00	0.00	
22	118.15	976.80	61.79	0.00	73.31	362.21	1200.73	218.92	5.66	0.00	0.00	0.00	
23	104.87	910.85	54.80	0.00	77.88	362.21	1170.79	193.63	6.96	0.00	0.00	0.00	
24	91.46	758.80	42.98	0.00	86.95	340.00	1132.22	145.09	6.96	0.00	0.00	0.00	
25	84.69	486.58	37.22	0.00	89.20	304.41	1059.05	111.53	1.57	0.00	6.96	0.00	
26	77.88	227.29	32.85	0.00	86.95	274.32	780.93	91.46	0.00	0.00	0.00	0.00	
27	84.69	150.86	28.43	0.00	93.70	232.86	569.35	77.88	1.57	0.00	0.00	0.00	
28	95.94	113.74	54.80	0.00	111.53	218.92	365.91	66.42	0.00	0.00	0.00	0.00	
29	109.31	86.95	20.94	0.00	213.32	216.12	173.78	54.80	0.00	0.00	1.57	0.00	
30	104.87	77.88	19.42	0.00	424.27	274.32	145.09	50.10	0.00	0.00	0.00	0.00	
31		73.31		29.91	485.80		95.94		0.00	0.00		0.00	
Total	2287.31	13917.20	1490.59	79.77	2880.20	7442.91	21476.77	5206.06	258.98	0.00	29.47	23.34	55092.60 Ton/day
Mean	76.24	448.94	49.69	2.57	92.91	248.10	692.80	173.54	8.35	0.00	1.02	0.75	Ton/day
Max	122.55	1011.50	100.42	29.91	485.80	528.42	1266.50	241.20	37.22	0.00	20.94	9.50	1266.50 Ton/day
Min	0.00	73.31	19.42	0.00	8.24	59.47	95.94	50.10	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007					
Number of observation	28					
R-Square	0.9552					
Remarks	Continued Sediment Station					

QS = 4.1208 QW^{1.00500}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.12	4.12	636.35	166.21	36.66	1053.50	1897.36	5190.34	1034.35	33.73	7.44	3.71		
2	4.12	4.12	613.42	157.36	14.93	1034.35	1875.16	5092.51	1030.52	30.80	7.44	3.71		
3	4.12	4.12	498.84	145.55	11.60	1007.53	1858.51	4962.08	1015.19	30.80	7.44	3.71		
4	4.12	4.12	408.97	142.60	11.60	980.72	1880.71	4847.97	965.40	30.80	7.44	3.71		
5	4.12	4.12	472.12	127.85	13.26	927.10	1997.28	4733.87	865.85	30.80	7.44	3.71		
6	4.12	6.61	468.31	116.06	107.22	758.71	2174.99	4619.79	842.88	30.80	7.44	3.71		
7	4.12	6.61	462.37	113.11	157.36	686.04	2475.02	4522.01	804.61	30.80	7.44	3.71		
8	4.12	6.61	510.29	80.72	124.90	663.11	2502.81	4424.24	640.17	30.80	7.44	3.71		
9	4.12	6.61	575.21	77.78	116.06	659.28	2541.72	4366.36	491.21	30.80	7.44	3.71		
10	4.12	4.95	571.39	77.78	107.22	659.28	2597.31	4308.48	438.63	39.59	7.44	3.71		
11	4.12	5.78	540.84	74.83	127.85	663.11	2702.95	4239.04	388.21	63.07	7.44	3.71		
12	4.12	6.19	453.47	80.72	189.84	659.28	2841.12	4173.02	423.80	71.89	7.44	3.71		
13	19.94	6.61	447.53	77.78	198.71	659.28	3008.43	4104.01	450.50	71.89	6.19	3.71		
14	30.80	7.02	438.63	74.83	201.66	663.11	3186.91	4054.72	406.00	71.89	5.36	3.71		
15	24.95	7.44	417.86	74.83	192.80	659.28	3356.45	3887.16	343.74	66.01	4.95	3.71		
16	23.28	4.12	311.15	74.83	183.93	655.46	3495.19	3818.18	320.04	45.46	4.54	4.95		
17	23.28	7.44	453.47	71.89	234.19	785.48	3650.67	3680.23	30.80	33.73	4.54	7.02		
18	21.61	119.01	435.66	71.89	328.92	950.08	3808.32	3562.00	18.27	33.73	4.12	7.02		
19	19.94	563.75	246.02	71.89	352.63	1003.70	3926.59	3425.81	8.27	33.73	4.12	2.88		
20	4.12	793.14	275.62	71.89	373.38	1065.00	4064.58	3294.79	136.70	33.73	3.71	4.54		
21	4.12	873.50	269.70	119.01	408.97	1153.14	4163.16	3156.09	284.50	30.80	3.71	4.95		
22	4.12	865.85	260.82	113.11	514.11	1298.85	4320.06	3015.70	331.89	30.80	3.71	2.88		
23	4.12	804.61	240.10	107.22	739.58	1387.08	4489.42	2862.94	284.50	30.80	3.71	2.05		
24	4.12	819.92	228.27	104.27	804.61	1420.34	4668.68	2688.41	163.26	30.80	3.29	5.78		
25	4.12	808.44	219.40	95.43	770.18	1459.14	4847.97	2547.28	92.49	18.27	3.29	6.19		
26	4.12	850.54	204.62	51.33	712.81	1542.30	5027.29	2358.32	71.89	7.85	3.29	7.85		
27	4.12	835.23	192.80	24.95	705.16	1592.21	5174.04	2186.10	68.95	7.85	3.29	4.95		
28	4.12	804.61	192.80	13.26	735.76	1758.62	5262.01	1658.76	68.95	7.44	3.29	3.71		
29	4.12	689.87	183.93	9.93	896.47	1858.51	5307.50	758.71	71.89	7.44	3.29	3.29		
30	5.78	670.75	172.12	9.93	1030.52	1891.81	5307.50	705.16	33.73	7.44		3.29		
31		651.64		19.94	1068.83		5284.75		33.73	7.44		3.71		
Total	260.22	10247.45	11402.08	2618.78	11471.72	31555.40	109694.46	107244.08	12160.92	1031.78	157.68	130.71	297975.28	Ton/day
Mean	8.67	330.56	380.07	84.48	370.06	1051.85	3538.53	3574.80	392.29	33.28	5.44	4.22		Ton/day
Max	30.80	873.50	636.35	166.21	1068.83	1891.81	5307.50	5190.34	1034.35	71.89	7.44	7.85	5307.50	Ton/day
Min	4.12	4.12	172.12	9.93	11.60	655.46	1858.51	705.16	8.27	7.44	3.29	2.05	2.05	Ton/day

WATER YEAR : 2007**MUN RIVER BASIN****Mun River at 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.		
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	2007		
Number of observation	25		
R-Square	0.9262		
Remarks	Continued Sediment Station		

$$QS = 68.4420 QW^{0.80560}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	3041.13	593.37	62.87	51.35	4392.52	13716.34	4601.39	458.47	138.55	10.71	
2	0.00	0.00	3027.88	369.15	79.27	39.16	4521.33	14020.90	4424.81	807.43	117.21	6.13	
3	0.00	0.00	3027.88	318.72	84.55	35.97	4633.32	14173.34	4082.83	891.51	94.88	6.13	
4	0.00	0.00	3001.34	369.15	84.55	29.38	4934.08	14097.17	3855.15	658.02	89.75	6.13	
5	0.00	0.00	2988.05	346.95	73.90	29.38	5354.05	13868.06	3649.54	401.85	73.90	0.00	
6	0.00	29.38	2974.74	307.26	117.21	25.95	5811.56	13641.10	3411.07	324.41	68.44	0.00	
7	0.00	32.71	2907.99	301.49	131.53	25.95	6316.10	13187.53	3199.07	272.22	57.18	0.00	
8	0.00	32.71	2854.32	272.22	124.42	22.40	6698.21	12834.73	3001.34	266.28	51.35	0.00	
9	0.00	29.38	2827.40	289.87	102.45	22.40	7004.83	12767.64	2609.69	307.26	45.35	0.00	
10	0.00	22.40	2732.67	284.02	89.75	84.55	7315.39	12243.55	2205.63	295.69	35.97	0.00	
11	0.00	22.40	2678.18	242.18	73.90	553.76	8021.69	11822.27	1638.15	266.28	35.97	0.00	
12	0.00	32.71	2637.14	204.87	57.18	1116.53	8541.66	11336.32	1102.46	313.00	32.71	0.00	
13	0.00	39.16	2582.17	172.49	45.35	1403.31	9309.37	10822.54	938.69	318.72	29.38	0.00	
14	0.00	102.45	2382.82	145.49	35.97	1443.07	10143.02	10448.89	1172.42	278.13	29.38	0.00	
15	0.00	567.03	2109.72	131.53	29.38	1403.31	11152.79	10045.53	1482.58	248.25	25.95	0.00	
16	0.00	1059.97	1988.32	131.53	29.38	1650.95	11943.00	9673.30	1534.85	223.71	25.95	0.00	
17	0.00	1282.32	1951.56	138.55	32.71	1877.52	12565.85	9218.27	1282.32	211.20	22.40	0.00	
18	0.00	1573.78	1877.52	117.21	29.38	2097.65	13187.53	8759.47	867.69	192.08	22.40	0.00	
19	0.00	1790.24	1650.95	89.75	62.87	2265.06	13641.10	8299.99	843.71	165.84	18.72	0.00	
20	0.00	1963.83	1172.42	79.27	62.87	2457.45	14020.90	7951.76	996.89	152.35	18.72	0.00	
21	0.00	2121.76	985.31	68.44	62.87	2623.42	14097.17	7528.95	1031.41	138.55	18.72	0.00	
22	0.00	2485.30	1008.42	62.87	62.87	3014.62	13868.06	7143.46	807.43	131.53	14.85	0.00	
23	0.00	2759.81	926.95	51.35	62.87	3471.06	13565.76	6816.54	526.96	138.55	14.85	0.00	
24	0.00	2786.89	915.17	39.16	51.35	3840.56	13187.53	6483.94	416.17	138.55	10.71	0.00	
25	0.00	2827.40	721.18	35.97	45.35	4082.83	12700.46	6171.38	401.85	131.53	10.71	0.00	
26	0.00	2867.76	619.43	32.71	39.16	4197.57	12363.28	5868.13	430.38	117.21	10.71	0.00	
27	0.00	2881.19	670.77	22.40	35.97	4213.90	12183.59	5602.99	567.03	131.53	10.71	0.00	
28	0.00	2907.99	843.71	18.72	39.16	4230.21	12183.59	5276.89	526.96	145.49	10.71	0.00	
29	0.00	2988.05	950.40	22.40	51.35	4246.51	12303.45	5043.76	374.64	179.08	10.71	0.00	
30	0.00	3027.88	879.62	29.38	62.87	4311.55	12700.46	4839.59	324.41	172.49		0.00	
31		3041.13		25.95	57.18		13187.53		301.49	172.49		0.00	
Total	0.00	39275.63	58935.16	5314.42	1980.49	54867.33	311849.18	293704.33	52609.01	8649.70	1146.84	29.10	828361.19 Tonday
Mean	0.00	1266.96	1964.51	171.43	63.89	1828.91	10059.65	9790.14	1697.06	279.02	39.55	0.94	Ton/day
Max	0.00	3041.13	3041.13	593.37	131.53	4311.55	14097.17	14173.34	4601.39	891.51	138.55	10.71	14173.34 Ton/day
Min	0.00	0.00	619.43	18.72	29.38	22.40	4392.52	4839.59	301.49	117.21	10.71	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	40		
R-Square	0.9610		
Remarks	Continued Sediment Station		

$$QS = 5.1608 QW^{0.95520}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.10	2.05	6.19	2.25	2.30	344.13	600.30	283.34	6.48	1.74	1.22	1.11	
2	2.10	2.05	5.90	2.10	2.20	321.63	549.12	305.37	6.34	1.63	1.22	1.11	
3	2.10	2.05	5.65	2.10	2.15	312.20	500.07	275.99	6.04	1.43	1.48	1.11	
4	2.15	2.10	4.77	2.05	2.05	320.45	511.87	253.86	5.51	1.43	1.22	1.06	
5	2.15	2.05	4.22	2.10	2.05	327.52	620.72	252.01	4.82	1.69	1.16	1.22	
6	2.10	3.22	4.12	2.10	5.60	302.76	707.19	218.63	4.37	1.74	1.16	1.43	
7	2.10	2.71	3.97	2.10	4.77	292.12	761.89	199.15	4.12	1.63	1.16	1.43	
8	2.15	3.57	3.97	2.05	4.32	303.94	765.01	183.33	3.82	1.63	1.16	1.27	
9	2.15	2.46	4.62	2.05	6.19	322.81	743.16	163.77	3.52	1.63	1.16	1.16	
10	2.10	2.46	4.72	2.00	8.37	338.10	736.91	147.13	3.22	1.58	1.16	1.11	
11	2.10	2.51	4.52	2.05	18.94	356.27	793.06	132.94	3.12	1.58	1.16	1.06	
12	2.15	3.62	3.92	2.05	39.86	365.96	855.23	118.94	2.97	1.58	1.69	0.95	
13	2.10	3.17	3.57	2.10	67.04	410.40	924.93	109.99	2.86	1.58	1.89	0.90	
14	2.10	2.61	3.32	2.10	98.21	321.63	985.13	98.43	2.76	1.58	1.89	1.06	
15	2.15	2.56	3.27	2.10	105.71	327.52	1015.93	84.73	2.61	1.58	1.43	1.16	
16	2.10	2.56	3.02	2.25	92.41	459.29	1015.93	79.53	2.56	1.48	1.32	1.32	
17	2.15	2.41	2.81	2.36	104.86	490.87	990.44	73.28	2.51	1.43	1.27	1.27	
18	2.10	2.25	3.52	2.15	132.94	507.94	814.38	65.42	2.46	1.43	1.27	1.16	
19	2.15	2.36	3.42	2.15	151.51	585.70	835.87	59.10	2.36	1.43	1.63	1.16	
20	2.15	2.46	3.12	2.10	182.29	644.01	750.11	49.57	2.30	1.43	1.58	1.16	
21	2.10	6.24	2.92	2.10	207.24	713.45	667.69	42.63	2.20	1.43	1.53	1.11	
22	2.10	7.26	2.81	2.10	227.92	736.91	600.07	33.47	2.15	1.69	1.43	1.11	
23	2.15	7.80	3.27	2.05	245.43	710.32	543.74	27.62	2.10	2.05	1.37	1.11	
24	2.15	14.27	2.92	2.05	264.93	651.28	489.40	25.29	2.00	1.58	1.16	1.11	
25	2.10	11.91	2.71	2.05	292.12	597.38	421.08	22.95	1.94	1.53	1.16	1.37	
26	2.10	9.29	2.66	2.10	326.34	563.77	358.29	20.19	1.89	1.48	1.16	1.37	
27	2.15	8.47	2.61	2.10	344.13	535.93	325.49	16.70	1.84	1.53	1.16	1.37	
28	2.15	7.89	2.66	2.10	353.84	549.12	305.37	13.89	1.84	1.48	1.16	1.27	
29	2.10	7.51	2.56	2.05	381.69	581.32	296.20	8.81	1.84	1.43	1.16	1.16	
30	2.10	7.12	2.36	2.30	407.75	601.76	285.18	6.34	2.00	1.32		1.11	
31		6.78		2.36	379.27		285.18		2.20	1.22		1.11	
Total	63.65	145.77	110.10	65.67	4464.43	13896.49	20054.94	3372.40	96.75	47.97	38.52	36.41	42393.10 Ton/day
Mean	2.12	4.70	3.67	2.12	144.01	463.22	646.93	112.41	3.12	1.55	1.33	1.17	Ton/day
Max	2.15	14.27	6.19	2.36	407.75	736.91	1015.93	305.37	6.48	2.05	1.89	1.43	1015.93 Ton/day
Min	2.10	2.05	2.36	2.00	2.05	292.12	285.18	6.34	1.84	1.22	1.16	0.90	0.90 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	32		
R-Square	0.9406		
Remarks	Continued Sediment Station		

$$QS = 7.6683 QW^{0.78910}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	42.66	25.57	23.80	101.81	132.99	141.09	28.59	0.00	0.00	0.00	
2	0.00	0.00	57.51	16.79	27.31	138.72	130.11	149.06	28.16	0.00	0.00	0.00	
3	0.00	0.00	51.60	13.77	7.97	174.35	119.37	151.38	37.21	0.00	0.00	0.00	
4	0.00	0.00	47.56	20.61	4.01	192.99	117.39	157.32	29.02	0.00	0.00	0.00	
5	0.00	0.00	58.04	26.00	6.93	196.05	146.26	161.09	21.53	0.00	0.00	0.00	
6	0.00	1.44	75.36	21.53	27.31	184.25	165.89	152.77	30.70	0.00	0.00	0.00	
7	0.00	7.67	80.73	8.85	22.44	156.24	158.94	143.91	29.02	0.00	0.00	0.00	
8	0.00	8.85	84.10	14.80	17.28	147.66	167.49	134.91	23.80	0.00	0.00	0.00	
9	0.00	2.49	83.62	21.53	23.80	145.79	162.69	121.34	31.12	0.00	0.00	0.00	
10	0.00	2.15	76.83	24.24	10.00	141.56	168.55	116.89	24.69	0.00	0.00	0.00	
11	0.00	5.92	62.23	26.00	8.56	136.82	196.56	108.36	13.77	0.00	0.00	0.00	
12	0.00	60.14	49.40	28.16	24.24	117.88	234.77	96.77	0.00	0.00	0.00	0.00	
13	0.00	106.84	39.96	24.24	26.44	99.07	272.43	92.60	0.00	0.00	0.00	0.00	
14	0.00	132.51	38.39	11.66	13.77	92.13	304.00	89.79	0.00	0.00	0.00	0.00	
15	0.00	152.77	26.44	5.66	8.85	87.43	330.62	79.76	0.00	0.00	0.00	0.00	
16	0.00	173.30	37.21	6.93	21.99	81.21	362.09	76.34	0.00	0.00	0.00	0.00	
17	0.00	199.10	33.59	8.56	37.21	77.81	386.50	72.39	0.00	0.00	0.00	0.00	
18	0.00	217.13	35.61	11.11	33.18	76.83	405.69	70.89	0.00	0.00	0.00	0.00	
19	0.00	225.02	37.60	16.30	45.31	80.25	420.28	63.26	0.00	0.00	0.00	0.00	
20	0.00	224.04	33.59	21.07	49.04	100.44	426.08	59.09	0.00	0.00	0.00	0.00	
21	0.00	219.11	38.00	23.80	86.01	126.72	424.63	52.69	0.00	0.00	0.00	0.00	
22	0.00	207.67	29.44	24.24	111.39	157.32	418.83	49.04	0.00	0.00	0.00	0.00	
23	0.00	182.70	20.14	16.79	133.95	181.66	405.69	39.96	0.00	0.00	0.00	0.00	
24	0.00	150.45	10.28	7.43	150.91	194.53	380.12	44.94	0.00	0.00	0.00	0.00	
25	0.00	118.38	7.97	2.49	150.45	200.11	339.88	38.00	0.00	0.00	0.00	0.00	
26	0.00	96.77	7.67	4.30	130.59	195.55	292.62	31.53	0.00	0.00	0.00	0.00	
27	0.00	83.62	12.19	3.72	98.15	183.22	242.98	25.57	0.00	0.00	0.00	0.00	
28	0.00	79.27	21.99	1.98	62.74	176.45	198.59	38.00	0.00	0.00	0.00	0.00	
29	0.00	70.89	26.44	3.72	56.45	154.15	164.83	33.59	0.00	0.00	0.00	0.00	
30	0.00	63.26	33.99	7.97	67.36	138.24	141.09	36.01	0.00	0.00	0.00	0.00	
31	0.00	58.57		5.92	76.34		132.51		0.00	0.00		0.00	
Total	0.00	2850.06	1260.14	455.74	1563.78	4237.24	7950.47	2628.34	297.61	0.00	0.00	0.00	21243.38 Ton/day
Mean	0.00	91.94	42.00	14.70	50.44	141.24	256.47	87.61	9.60	0.00	0.00	0.00	Ton/day
Max	0.00	225.02	84.10	28.16	150.91	200.11	426.08	161.09	37.21	0.00	0.00	0.00	426.08 Ton/day
Min	0.00	0.00	7.67	1.98	4.01	76.83	117.39	25.57	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	32		
R-Square	0.9178		
Remarks	Continued Sediment Station		

$$QS = 3.6915 QW^{1.13080}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	0.02	0.02	33.33	44.29	450.44	263.71	42.07	0.02	0.02	0.02	0.00	
2	0.02	0.02	0.02	29.06	35.49	467.95	165.00	42.07	0.02	0.02	0.02	0.00	
3	0.02	0.02	0.02	26.95	29.06	652.91	342.93	42.07	0.02	0.02	0.02	0.00	
4	0.02	0.02	0.02	33.33	24.85	646.84	1668.11	35.49	0.02	0.02	0.02	0.00	
5	0.02	0.02	0.02	47.08	24.85	479.66	2835.69	31.18	0.02	0.02	0.02	0.00	
6	0.02	0.02	0.00	61.31	33.33	334.48	3599.12	29.06	0.02	0.02	0.02	0.00	
7	0.02	0.02	0.00	61.31	159.83	233.82	4070.78	26.95	0.02	0.02	0.02	0.00	
8	0.02	0.02	0.00	58.43	485.52	154.67	3913.44	26.95	0.02	0.02	0.02	0.00	
9	0.02	0.02	2.67	61.31	666.60	105.55	3295.27	24.85	0.02	0.02	0.02	0.00	
10	0.02	0.02	6.50	61.31	479.66	94.54	2590.30	24.85	0.02	0.02	0.02	0.00	
11	0.02	0.02	6.50	47.08	280.19	94.54	2193.15	24.85	0.02	0.02	0.02	0.00	
12	0.02	0.02	6.50	37.67	175.40	165.00	1996.72	22.78	0.02	0.02	0.02	0.00	
13	0.02	0.02	6.50	31.18	70.05	233.82	1804.20	21.75	0.02	0.02	0.02	0.00	
14	0.02	0.02	5.84	24.85	47.08	243.29	1479.75	21.75	0.02	0.02	0.02	0.00	
15	0.02	0.02	6.50	21.75	37.67	236.52	1150.40	20.73	0.02	0.02	0.02	0.00	
16	0.02	0.02	7.86	20.73	267.82	404.16	852.05	19.72	0.02	0.02	0.02	0.00	
17	0.02	0.02	11.35	20.73	1479.75	797.43	562.53	19.72	0.02	0.02	0.02	0.00	
18	0.02	0.02	12.79	21.75	3477.21	1213.86	404.16	18.71	0.02	0.02	0.02	0.00	
19	0.02	0.02	17.70	24.85	4183.60	1955.27	267.82	18.71	0.02	0.02	0.02	0.00	
20	0.02	0.02	19.72	24.85	3721.51	1776.88	191.14	17.70	0.02	0.02	0.02	0.00	
21	0.02	0.02	21.75	22.78	3034.52	1092.18	105.55	0.02	0.02	0.02	0.02	0.00	
22	0.02	0.02	21.75	24.85	2751.21	604.51	64.21	0.02	0.02	0.02	0.02	0.00	
23	0.02	0.02	22.78	33.33	2654.53	381.24	58.43	0.02	0.02	0.02	0.00	0.00	
24	0.02	0.02	26.95	44.29	2366.95	271.94	52.72	0.02	0.02	0.02	0.00	0.00	
25	0.02	0.02	29.06	37.67	1969.08	191.14	47.08	0.02	0.02	0.02	0.00	0.00	
26	0.02	0.02	26.95	29.06	1608.97	124.18	80.10	0.02	0.02	0.02	0.00	0.00	
27	0.02	0.02	26.95	24.85	1363.40	87.29	72.99	0.02	0.02	0.02	0.00	0.00	
28	0.02	0.02	26.95	26.95	1072.85	220.38	72.99	0.02	0.02	0.02	0.00	0.00	
29	0.02	0.02	26.95	26.95	712.47	398.41	72.99	0.02	0.02	0.02	0.00	0.00	
30	0.02	0.02	29.06	37.67	462.10	359.90	72.99	0.02	0.02	0.02		0.00	
31		0.02		44.29	305.11		72.99		0.02	0.02		0.00	
Total	0.60	0.62	369.68	1101.55	34024.95	14472.80	34419.31	532.16	0.62	0.62	0.44	0.00	84923.35 Tonday
Mean	0.02	0.02	12.32	35.53	1097.58	482.43	1110.30	17.74	0.02	0.02	0.02	0.00	Ton/day
Max	0.02	0.02	29.06	61.31	4183.60	1955.27	4070.78	42.07	0.02	0.02	0.02	0.00	4183.60 Ton/day
Min	0.02	0.02	0.00	20.73	24.85	87.29	47.08	0.02	0.02	0.02	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	1997-2007		
Number of observation	221		
R-Square	0.8811		
Remarks	Continued Sediment Station		

$$QS = 3.9008 QW^{1.00110}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	22.16	10.43	19.54	383.43	398.34	143.81	14.34	0.00	0.00	0.00	
2	0.00	0.00	24.74	7.81	16.92	319.18	388.76	146.39	14.34	0.00	0.00	0.00	
3	0.00	0.00	24.74	7.81	15.63	266.49	374.40	147.69	14.34	0.00	0.00	0.00	
4	0.00	0.00	23.45	7.81	15.63	250.80	367.33	146.83	14.34	0.00	0.00	0.00	
5	0.00	0.00	23.45	6.52	13.01	253.74	395.59	145.96	0.00	0.00	0.00	0.00	
6	0.00	2.61	20.83	10.43	20.83	262.57	444.66	139.49	0.00	0.00	0.00	0.00	
7	0.00	3.90	19.54	13.01	22.16	268.45	482.34	134.04	0.00	0.00	0.00	0.00	
8	0.00	6.52	16.92	11.72	47.33	280.22	511.79	133.38	0.00	0.00	0.00	0.00	
9	0.00	9.10	15.63	10.43	53.99	287.09	534.17	96.30	0.00	0.00	0.00	0.00	
10	0.00	7.81	14.34	9.10	50.85	282.18	548.30	71.22	0.00	0.00	0.00	0.00	
11	0.00	13.01	14.34	7.81	50.85	244.91	606.02	48.50	0.00	0.00	0.00	0.00	
12	0.00	20.83	14.34	9.10	111.98	199.80	699.88	41.46	0.00	0.00	0.00	0.00	
13	0.00	24.74	13.01	9.10	141.22	192.04	763.51	37.81	0.00	0.00	0.00	0.00	
14	0.00	24.74	13.01	9.10	163.65	172.27	801.22	37.81	0.00	0.00	0.00	0.00	
15	0.00	33.90	11.72	9.10	170.16	187.10	796.50	39.11	0.00	0.00	0.00	0.00	
16	0.00	37.81	10.43	9.10	161.06	197.69	777.65	33.90	0.00	0.00	0.00	0.00	
17	0.00	82.19	10.43	7.81	172.98	197.69	787.08	29.99	0.00	0.00	0.00	0.00	
18	0.00	147.26	13.01	9.10	204.51	206.08	796.50	28.66	0.00	0.00	0.00	0.00	
19	0.00	158.90	11.72	9.10	249.82	238.05	796.50	26.07	0.00	0.00	0.00	0.00	
20	0.00	147.69	11.72	7.81	292.97	290.03	787.08	24.74	0.00	0.00	0.00	0.00	
21	0.00	134.32	11.72	7.81	328.72	348.50	758.80	23.45	0.00	0.00	0.00	0.00	
22	0.00	133.57	16.92	6.52	364.98	382.09	679.46	23.45	0.00	0.00	0.00	0.00	
23	0.00	133.69	13.01	6.52	416.40	395.59	663.75	22.16	0.00	0.00	0.00	0.00	
24	0.00	97.87	13.01	9.10	515.72	396.97	619.77	20.83	0.00	0.00	0.00	0.00	
25	0.00	49.68	13.01	7.81	555.37	396.97	570.29	19.54	0.00	0.00	0.00	0.00	
26	0.00	37.81	16.92	6.52	592.28	401.09	505.90	19.54	0.00	0.00	0.00	0.00	
27	0.00	32.57	14.34	5.19	573.04	414.83	427.39	16.92	0.00	0.00	0.00	0.00	
28	0.00	28.66	13.01	3.90	545.95	432.10	350.85	16.92	0.00	0.00	0.00	0.00	
29	0.00	28.66	13.01	7.81	513.75	436.81	268.45	15.63	0.00	0.00	0.00	0.00	
30	0.00	27.36	11.72	9.10	477.63	419.54	179.33	14.34	0.00	0.00	0.00	0.00	
31		24.74		13.01	435.24		144.24		0.00	0.00		0.00	
Total	0.00	1449.94	466.20	265.49	7314.17	9004.30	17225.85	1845.94	57.36	0.00	0.00	0.00	37629.25 Ton/day
Mean	0.00	46.77	15.54	8.56	235.94	300.14	555.67	61.53	1.85	0.00	0.00	0.00	Ton/day
Max	0.00	158.90	24.74	13.01	592.28	436.81	801.22	147.69	14.34	0.00	0.00	0.00	801.22 Ton/day
Min	0.00	0.00	10.43	3.90	13.01	172.27	144.24	14.34	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007				
Number of observation	26				
R-Square	0.7097				
Remarks	Continued Sediment Station				

$$QS = 3.8927 QW^{1.75180}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	3.89	460.89	38.70	74.45	119.75	159.60	316.80	55.33	8.97	4.45	3.89	2.41		
2	3.89	262.24	27.93	55.33	166.72	101.69	145.77	50.93	8.97	4.45	3.89	1.98		
3	3.89	50.93	21.61	46.70	95.95	517.88	107.56	46.70	7.02	4.45	3.89	1.98		
4	3.36	31.35	21.61	38.70	59.88	375.72	107.56	42.62	7.02	4.45	3.89	1.98		
5	3.89	27.93	21.61	31.35	46.70	288.97	113.59	42.62	7.02	4.45	4.45	1.98		
6	5.05	24.68	21.61	27.93	38.70	316.80	1521.15	38.70	7.02	4.45	4.45	1.98		
7	4.45	212.17	21.61	27.93	34.94	801.63	517.88	31.35	7.02	4.45	4.45	1.98		
8	4.45	145.77	21.61	27.93	34.94	253.58	262.24	27.93	7.02	4.45	4.45	1.59		
9	5.05	517.88	18.71	24.68	31.35	139.06	316.80	21.61	7.02	4.45	3.89	1.45		
10	5.67	1323.03	18.71	21.61	31.35	79.60	589.99	18.71	7.02	4.45	3.89	1.45		
11	7.02	1136.89	18.71	18.71	74.45	50.93	1271.06	15.99	7.02	4.45	3.89	1.45		
12	6.33	602.39	15.99	21.61	55.33	38.70	4837.85	15.99	6.33	4.45	3.89	1.59		
13	6.33	653.13	18.71	18.71	42.62	27.93	3016.86	15.99	6.33	4.45	3.89	1.59		
14	11.11	396.31	15.99	18.71	38.70	24.68	1596.11	21.61	6.33	4.45	3.36	1.98		
15	13.46	1447.73	11.11	18.71	34.94	406.79	1088.24	24.68	6.33	4.45	3.36	2.41		
16	8.97	1040.50	11.11	18.71	27.93	746.12	666.09	24.68	5.67	4.45	3.89	2.41		
17	8.97	705.62	21.61	64.58	24.68	1088.24	460.89	18.71	5.67	4.45	3.36	2.41		
18	6.33	298.12	38.70	46.70	21.61	1305.61	335.96	18.71	5.67	4.45	3.36	1.98		
19	5.67	159.60	24.68	34.94	21.61	640.28	245.05	18.71	5.67	3.89	3.36	1.98		
20	5.67	101.69	21.61	27.93	15.99	428.08	204.27	15.99	5.67	3.89	3.36	1.98		
21	5.67	74.45	15.99	31.35	13.46	602.39	159.60	21.61	5.67	3.89	2.87	2.41		
22	5.67	64.58	13.46	24.68	11.11	962.99	126.05	21.61	5.05	3.89	2.87	3.89		
23	5.67	55.33	13.46	38.70	11.11	375.72	107.56	15.99	5.05	3.89	2.87	3.36		
24	5.67	46.70	34.94	84.91	13.46	236.64	90.35	15.99	5.05	3.89	2.87	2.41		
25	5.05	38.70	145.77	101.69	11.11	159.60	74.45	15.99	4.45	3.89	2.41	1.98		
26	7.02	38.70	50.93	95.95	8.97	166.72	64.58	15.99	4.45	3.89	2.41	2.87		
27	5.67	27.93	46.70	145.77	24.68	228.35	59.88	13.46	4.45	3.89	2.41	2.41		
28	5.67	27.93	228.35	212.17	113.59	220.20	55.33	11.11	4.45	3.89	2.41	2.87		
29	7.02	24.68	262.24	472.06	1830.23	166.72	46.70	11.11	4.45	3.36	2.41	2.41		
30	18.71	24.68	101.69	288.97	719.01	152.62	38.70	11.11	4.45	3.36		1.98		
31		38.70		196.50	375.72		42.62		4.45	3.36		1.98		
Total	195.27	10061.23	1345.46	2358.67	4150.59	11063.84	18587.54	721.53	186.76	129.08	100.39	67.13	48967.49	Ton/day
Mean	6.51	324.56	44.85	76.09	133.89	368.79	599.60	24.05	6.02	4.16	3.46	2.17		Ton/day
Max	18.71	1447.73	262.24	472.06	1830.23	1305.61	4837.85	55.33	8.97	4.45	4.45	3.89	4837.85	Ton/day
Min	3.36	24.68	11.11	18.71	8.97	24.68	38.70	11.11	4.45	3.36	2.41	1.45	1.45	Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	35		
R-Square	0.7594		
Remarks	Continued Sediment Station		

$$QS = 4.9154 QW^{1.14680}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.08	3.00	2.74	3.00	9.03	18.66	26.18	9.65	3.00	0.00	0.00	0.00	
2	4.08	2.74	2.74	2.74	5.20	15.68	21.70	10.88	3.27	0.00	0.00	0.00	
3	4.08	2.74	2.22	2.74	3.27	66.63	18.66	9.34	3.53	0.00	0.00	0.00	
4	2.48	2.48	2.22	2.74	3.53	49.25	17.66	7.53	3.53	0.00	0.00	0.00	
5	2.22	2.48	2.22	5.48	3.00	26.88	51.68	6.64	3.27	0.00	0.00	0.00	
6	2.22	3.81	2.22	5.77	189.18	23.07	67.50	6.06	1.97	0.00	0.00	0.00	
7	2.48	3.53	2.22	5.77	103.71	25.14	85.11	5.77	1.72	0.00	0.00	0.00	
8	2.48	2.74	2.22	5.77	27.23	18.66	90.49	5.20	1.47	0.00	0.00	0.00	
9	2.48	2.48	1.72	5.77	16.01	14.70	62.32	4.92	1.47	0.00	0.00	0.00	
10	2.48	2.74	1.24	5.77	12.46	12.46	52.90	4.63	1.24	0.00	0.00	0.00	
11	2.48	3.53	1.24	5.48	9.95	14.06	66.63	4.63	1.24	0.00	0.00	0.00	
12	2.48	22.38	1.47	6.06	7.83	16.34	97.73	4.36	1.24	2.48	0.00	0.00	
13	2.22	86.90	2.48	6.06	6.64	24.79	134.55	6.35	1.24	2.48	0.00	0.00	
14	2.48	25.14	2.48	6.06	6.06	21.36	77.12	5.77	1.00	1.72	0.00	0.00	
15	3.53	23.07	2.48	5.77	5.48	17.99	59.76	5.20	1.00	0.56	0.00	0.00	
16	1.97	17.66	2.48	5.77	13.41	17.99	40.87	4.92	1.00	0.16	0.00	0.00	
17	2.22	9.95	2.74	6.06	48.04	17.00	29.85	4.36	0.78	0.00	0.00	0.00	
18	2.48	7.53	2.74	5.77	52.29	19.33	24.44	3.81	0.56	0.16	0.00	0.00	
19	2.48	6.35	2.74	4.92	150.34	61.47	21.02	4.36	0.56	0.16	0.00	0.00	
20	2.48	5.48	2.74	2.22	43.24	124.95	17.66	4.08	0.56	0.00	0.00	0.00	
21	2.48	4.92	2.74	0.78	21.70	66.63	16.34	3.81	0.35	0.00	0.00	0.00	
22	2.74	4.36	3.00	0.00	16.67	39.10	14.38	3.81	0.16	0.00	0.00	1.97	
23	2.74	3.81	3.53	0.00	20.68	25.14	13.41	2.48	0.16	0.00	0.00	1.97	
24	3.00	3.53	4.63	0.00	17.33	20.34	13.41	3.00	0.00	0.56	0.00	1.24	
25	2.48	3.27	3.53	0.56	14.38	17.33	12.14	3.00	0.00	1.00	0.00	0.16	
26	2.48	2.74	3.27	1.24	100.46	14.70	11.82	2.74	0.00	1.24	0.00	0.00	
27	2.48	2.48	3.27	3.27	55.35	24.44	11.82	2.74	0.00	1.24	0.00	3.53	
28	2.48	2.74	3.27	2.74	48.04	45.63	5.77	2.74	0.00	1.00	0.00	2.22	
29	2.74	2.74	3.53	2.22	40.28	61.47	5.77	2.48	0.00	1.00	0.00	2.22	
30	3.81	2.74	3.27	1.97	24.10	42.05	5.20	2.22	0.00	0.35		5.77	
31		2.74		1.97	22.72		12.46		0.00	0.16		3.53	
Total	81.33	272.80	79.39	114.47	1097.61	963.24	1186.35	147.48	34.32	14.27	0.00	22.61	4013.87 Tonday
Mean	2.71	8.80	2.65	3.69	35.41	32.11	38.27	4.92	1.11	0.46	0.00	0.73	Ton/day
Max	4.08	86.90	4.63	6.06	189.18	124.95	134.55	10.88	3.53	2.48	0.00	5.77	189.18 Ton/day
Min	1.97	2.48	1.24	0.00	3.00	12.46	5.20	2.22	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007 - Cont'd		
Actual Measurement	2007 - Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	17		
R-Square	0.8601		
Remarks	Continued Sediment Station		

$$QS = 2.4783 QW^{1.07400}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.95	0.00	0.00	132.35	202.76	45.42	0.93	0.00	0.00	0.00	
2	0.00	0.00	1.43	0.00	0.00	118.40	197.36	50.65	0.93	0.00	0.00	0.00	
3	0.00	0.00	1.43	0.00	0.00	146.40	194.84	50.65	0.93	0.00	0.00	0.00	
4	0.00	0.00	1.18	0.00	0.00	143.58	199.52	50.65	0.44	0.00	0.00	0.00	
5	0.00	0.00	1.18	0.00	0.00	129.55	233.56	45.42	0.21	0.00	0.00	0.00	
6	0.00	0.00	1.18	0.00	0.68	123.96	239.03	45.42	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.93	0.00	1.69	118.40	230.29	45.42	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.93	0.00	45.42	118.40	213.60	42.83	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.68	0.00	214.32	110.08	199.88	42.83	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.21	0.00	326.06	110.08	196.64	35.10	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.21	0.00	364.96	132.35	206.37	30.02	0.00	0.00	0.00	0.00	
12	0.00	0.21	0.00	0.00	351.46	158.77	241.22	24.99	0.00	0.00	0.00	0.00	
13	0.00	0.21	0.00	0.00	305.24	146.40	263.18	20.04	0.00	0.00	0.00	0.00	
14	0.00	0.21	0.00	0.00	248.89	126.75	255.48	14.56	0.00	0.00	0.00	0.00	
15	0.00	0.44	0.00	0.00	215.05	132.35	243.41	10.98	0.00	0.00	0.00	0.00	
16	0.00	1.43	0.00	0.00	204.93	158.77	231.38	10.98	0.00	0.00	0.00	0.00	
17	0.00	4.11	0.00	0.00	240.12	162.68	220.84	5.78	0.00	0.00	0.00	0.00	
18	0.00	12.76	0.00	0.00	239.03	182.29	207.09	4.11	0.00	0.00	0.00	0.00	
19	0.00	35.10	0.00	0.00	222.30	199.16	197.72	4.11	0.00	0.00	0.00	0.00	
20	0.00	50.65	0.00	0.00	203.48	335.01	178.35	2.48	0.00	0.00	0.00	0.00	
21	0.00	53.27	0.00	0.00	195.56	396.59	149.22	2.21	0.00	0.00	0.00	0.00	
22	0.00	50.65	0.00	0.00	178.35	399.61	132.35	2.21	0.00	0.00	0.00	0.00	
23	0.00	37.67	0.00	0.00	162.68	393.57	115.62	1.95	0.00	0.00	0.00	0.00	
24	0.00	24.99	0.00	0.00	166.59	393.57	101.80	1.95	0.00	0.00	0.00	0.00	
25	0.00	16.37	0.00	0.00	162.68	392.06	90.84	1.95	0.00	0.00	0.00	0.00	
26	0.00	7.49	0.00	0.00	194.48	366.46	71.89	1.95	0.00	0.00	0.00	0.00	
27	0.00	5.78	0.00	0.00	195.20	336.50	55.91	1.43	0.00	0.00	0.00	0.00	
28	0.00	4.11	0.00	0.00	196.28	286.00	48.03	1.18	0.00	0.00	0.00	0.00	
29	0.00	5.78	0.00	0.00	170.50	253.28	40.24	0.93	0.00	0.00	0.00	0.00	
30	0.00	5.78	0.00	0.00	158.77	225.93	27.50	0.93	0.00	0.00	0.00	0.00	
31		2.48		0.00	146.40		42.83		0.00	0.00		0.00	
Total	0.00	319.49	11.31	0.00	5111.12	6429.30	5228.75	599.13	3.44	0.00	0.00	0.00	17702.54 Ton/day
Mean	0.00	10.31	0.38	0.00	164.87	214.31	168.67	19.97	0.11	0.00	0.00	0.00	Ton/day
Max	0.00	53.27	1.95	0.00	364.96	399.61	263.18	50.65	0.93	0.00	0.00	0.00	399.61 Ton/day
Min	0.00	0.00	0.00	0.00	0.00	110.08	27.50	0.93	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**MUN RIVER BASIN****Huai Tunglung at Ban Kud Sombun, 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 Kud Sombun	Amphoe Si Mueang Mai	Changwat Ubon Ratchathani
Drainage Area	570 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	2007		
Number of observation	24		
R-Square	0.8896		
Remarks	Continued Sediment Station		

$$QS = 2.1300 QW^{1.16100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.63	0.07	4.35	3.68	42.60	48.65	62.64	19.72	2.89	1.18	0.74	0.53	
2	0.43	0.33	3.81	5.32	23.82	51.71	56.36	17.05	2.89	1.18	0.74	0.43	
3	0.33	0.33	3.28	3.81	11.90	123.42	181.49	11.90	2.76	1.18	0.74	0.43	
4	0.33	0.33	2.63	3.68	4.49	101.98	822.16	10.65	2.63	1.18	0.74	0.24	
5	0.33	0.33	2.13	7.04	26.60	87.34	541.79	9.42	2.51	1.18	0.74	0.15	
6	0.24	0.63	4.08	4.76	23.82	57.92	622.55	8.82	2.51	1.18	0.74	0.07	
7	0.24	0.43	3.54	4.21	760.36	59.49	387.45	7.63	2.51	1.18	0.74	0.00	
8	0.24	0.43	2.63	7.04	347.04	44.10	240.39	6.46	2.38	1.06	0.74	0.00	
9	0.24	0.43	2.13	8.22	220.50	48.65	99.87	5.32	2.38	1.06	0.74	0.00	
10	0.24	0.43	1.76	8.82	213.93	436.71	191.14	4.49	2.25	1.06	0.74	0.00	
11	0.24	1.06	1.64	4.49	130.39	178.74	315.18	4.76	2.13	1.06	0.74	0.00	
12	0.24	0.84	1.41	2.63	89.41	97.77	331.06	4.62	1.88	1.06	0.74	0.00	
13	0.24	3.54	1.18	2.13	65.81	327.08	151.62	4.62	1.76	1.06	0.74	0.00	
14	0.24	3.28	1.06	1.76	51.71	173.27	127.77	4.35	2.01	1.06	0.74	0.00	
15	0.24	1.88	1.29	1.76	39.61	204.12	125.59	3.94	2.13	0.95	0.74	0.00	
16	0.24	1.29	1.29	1.88	59.49	533.27	91.49	3.81	2.13	0.95	0.74	0.00	
17	0.24	0.84	1.29	8.82	146.27	270.64	75.45	3.81	2.13	0.95	0.74	0.00	
18	0.24	0.63	2.63	7.04	1360.54	878.91	67.40	3.81	2.01	0.95	0.74	0.00	
19	0.24	0.63	2.76	7.04	486.76	1484.86	56.36	3.81	1.88	0.95	0.74	0.00	
20	0.24	0.63	2.51	4.35	227.10	339.04	47.12	3.81	1.88	0.84	0.74	0.00	
21	0.24	0.63	2.13	30.86	207.38	156.99	41.10	3.68	1.88	0.84	0.74	0.63	
22	0.24	0.63	1.88	18.38	121.25	99.87	35.20	3.68	1.88	0.84	0.74	0.33	
23	0.24	0.63	1.64	5.32	89.41	72.22	23.82	3.54	1.88	0.84	0.74	0.15	
24	0.24	0.63	1.29	4.62	91.49	59.49	8.82	3.41	1.88	0.84	0.74	0.15	
25	0.15	0.53	1.06	4.35	108.35	50.18	14.44	3.02	1.88	0.74	0.74	0.07	
26	0.15	0.43	0.95	4.62	270.64	57.92	19.72	2.25	1.88	0.74	0.74	0.07	
27	0.07	0.43	2.51	4.08	176.00	47.12	17.05	1.88	1.53	0.74	0.74	0.07	
28	0.07	3.15	3.54	2.51	108.35	173.27	13.16	2.38	1.53	0.74	0.74	0.07	
29	0.07	19.72	2.13	10.65	97.77	146.27	10.03	3.02	1.41	0.74	0.74	0.00	
30	0.07	25.20	1.76	204.12	77.08	106.22	9.42	2.89	1.41	0.74		0.00	
31		8.82		78.71	59.49		17.05		1.29	0.74		151.62	
Total	7.19	79.16	66.29	466.70	5739.36	6517.22	4804.69	172.55	64.10	29.81	21.46	155.01	18123.54 Ton/day
Mean	0.24	2.55	2.21	15.05	185.14	217.24	154.99	5.75	2.07	0.96	0.74	5.00	Ton/day
Max	0.63	25.20	4.35	204.12	1360.54	1484.86	822.16	19.72	2.89	1.18	0.74	151.62	1484.86 Ton/day
Min	0.07	0.07	0.95	1.76	4.49	44.10	8.82	1.88	1.29	0.74	0.74	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	20		
R-Square	0.7744		
Remarks	Continued Sediment Station		

QS = 6.3631 QW^{1.07830}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.25	0.00	6.36	5.34	20.80	89.43	89.43	34.53	4.67	2.37	0.00	0.00	
2	1.12	0.00	5.68	79.49	82.80	206.44	69.65	31.44	4.67	2.37	0.00	0.00	
3	2.05	0.00	4.67	69.65	66.39	328.78	150.52	26.84	4.33	2.05	0.00	0.00	
4	2.37	0.00	4.33	133.33	37.65	213.52	1586.44	25.32	4.33	2.05	0.00	0.00	
5	2.05	0.00	8.44	133.33	178.32	143.62	3040.53	23.81	4.33	2.05	0.00	0.00	
6	1.74	0.00	6.02	86.11	238.41	96.10	2115.64	22.30	4.00	1.74	0.00	0.00	
7	1.43	0.00	5.68	123.09	1514.86	63.14	1055.04	16.35	4.00	1.43	0.00	0.00	
8	1.12	0.00	5.34	112.91	1174.85	43.93	484.60	11.99	3.67	1.43	0.00	0.00	
9	0.82	0.00	5.00	69.65	698.09	72.92	354.44	11.99	3.67	1.43	0.00	0.00	
10	0.53	0.00	4.67	43.93	406.14	185.32	256.31	9.15	3.67	1.43	0.00	0.00	
11	0.53	0.00	4.33	37.65	256.31	171.34	717.42	9.15	3.67	1.12	0.00	0.00	
12	0.25	0.00	4.33	19.31	167.86	171.34	1198.92	8.44	3.34	1.12	0.00	0.00	
13	0.00	0.00	4.33	9.85	109.53	252.73	511.44	7.75	3.34	1.12	0.00	0.00	
14	0.00	4.00	4.67	8.44	72.92	325.13	306.91	7.05	3.34	1.12	0.00	0.00	
15	0.00	6.02	6.02	7.75	47.09	181.82	303.27	7.05	3.34	1.12	0.00	0.00	
16	0.00	5.34	9.85	9.15	178.32	554.02	231.28	6.36	3.01	1.12	0.00	0.00	
17	0.00	4.33	13.44	167.86	631.26	511.44	192.34	6.02	2.69	0.82	0.00	0.00	
18	0.00	3.34	16.35	227.72	1643.88	1325.86	153.98	6.02	3.01	0.82	0.00	0.00	
19	0.00	2.37	12.71	192.34	1192.90	1788.10	116.30	5.68	3.01	0.82	0.00	0.00	
20	0.00	3.01	9.85	119.69	328.78	702.92	92.76	5.68	3.01	0.82	0.00	0.00	
21	0.00	2.69	7.75	72.92	583.97	270.70	72.92	5.68	3.01	0.53	0.00	0.00	
22	0.00	2.37	6.02	42.35	756.17	157.44	56.68	5.68	3.01	0.53	0.00	0.00	
23	0.00	2.37	5.00	32.99	358.11	102.80	42.35	5.00	3.01	0.53	0.00	0.00	
24	0.00	1.74	4.33	20.80	227.72	82.80	34.53	5.00	3.01	0.53	0.00	0.00	
25	0.00	1.43	3.67	13.44	178.32	59.91	34.53	5.00	3.01	0.25	0.00	0.00	
26	0.00	1.12	3.67	11.28	167.86	63.14	42.35	5.00	3.01	0.00	0.00	0.00	
27	0.00	1.43	4.33	8.44	224.16	56.68	53.47	5.00	2.69	0.00	0.00	0.00	
28	0.00	6.02	4.00	7.05	136.75	167.86	39.21	5.00	2.69	0.00	0.00	0.00	
29	0.00	28.37	3.34	6.36	109.53	195.86	34.53	4.67	2.69	0.00	0.00	0.00	
30	0.00	23.81	3.34	6.36	89.43	126.49	34.53	4.67	2.37	0.00	0.00	0.00	
31		10.56		6.36	106.16		34.53		2.37	0.00		0.00	
Total	14.26	110.32	187.52	1884.94	11985.34	8711.58	13506.85	333.62	103.97	30.72	0.00	0.00	36869.12 Ton/day
Mean	0.48	3.56	6.25	60.80	386.62	290.39	435.70	11.12	3.35	0.99	0.00	0.00	Ton/day
Max	2.37	28.37	16.35	227.72	1643.88	1788.10	3040.53	34.53	4.67	2.37	0.00	0.00	3040.53 Ton/day
Min	0.00	0.00	3.34	5.34	20.80	43.93	34.53	4.67	2.37	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	32		
R-Square	0.8236		
Remarks	Continued Sediment Station		

$$QS = 5.0134 QW^{0.93020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.02	1.17	4.07	5.01	8.21	51.36	31.04	22.82	4.64	2.53	1.79	1.48	
2	1.02	0.86	3.69	4.64	10.44	41.90	27.78	40.10	4.64	2.53	1.79	1.48	
3	1.02	0.53	3.50	4.07	9.11	42.49	28.19	30.23	4.45	2.53	1.64	1.33	
4	1.02	1.94	4.26	4.64	7.99	39.50	27.78	25.72	4.45	2.53	1.64	1.33	
5	1.02	2.24	4.07	6.40	8.21	37.10	33.48	21.15	4.26	2.39	1.64	1.17	
6	0.86	3.50	3.88	5.48	160.05	33.88	30.23	18.20	4.07	2.39	1.64	1.17	
7	0.86	7.76	3.69	6.40	451.38	48.42	80.21	12.63	4.07	2.39	1.64	1.17	
8	0.86	7.76	3.50	6.17	236.53	36.50	72.80	11.32	3.88	2.39	1.64	1.33	
9	0.70	6.17	3.31	5.25	122.29	31.04	52.54	10.44	3.88	2.24	1.64	1.33	
10	0.70	4.64	2.83	4.83	90.96	30.23	42.49	15.22	3.69	2.24	1.64	1.33	
11	0.70	33.48	2.68	5.01	68.21	24.89	43.68	10.00	3.69	2.24	1.64	1.33	
12	0.70	26.13	2.83	6.40	64.18	20.73	45.46	9.33	3.50	2.24	1.79	1.33	
13	0.86	26.96	2.83	6.17	51.95	19.47	37.70	9.11	3.50	2.24	1.94	1.33	
14	2.39	31.04	2.97	5.71	44.87	19.89	44.28	9.33	3.31	2.24	1.94	1.33	
15	1.94	50.78	4.07	4.64	37.70	20.31	52.54	8.88	3.31	2.24	1.79	1.33	
16	1.17	30.64	6.86	4.26	33.07	22.82	38.30	8.66	3.31	2.24	1.79	1.17	
17	0.86	25.31	4.07	4.83	120.82	24.07	36.50	7.76	3.12	2.24	1.64	1.17	
18	0.86	21.15	3.50	8.66	180.81	23.65	32.26	7.31	3.12	2.24	1.64	1.17	
19	1.79	10.88	4.07	9.11	125.22	31.86	29.00	16.50	2.97	2.09	1.64	1.17	
20	1.17	9.11	6.63	6.86	77.37	108.29	26.13	16.50	3.31	2.09	1.64	1.17	
21	1.02	7.99	7.76	5.71	79.08	79.64	24.07	9.55	2.97	2.09	1.64	1.17	
22	0.70	7.08	7.31	4.64	79.64	54.30	19.47	10.00	2.97	2.09	1.64	1.17	
23	0.70	5.94	7.54	4.64	56.05	41.90	18.63	7.54	2.97	1.94	1.64	1.17	
24	0.70	5.94	5.48	5.25	44.87	31.04	20.73	6.86	2.83	1.94	1.64	1.17	
25	0.70	5.48	4.83	31.45	35.90	22.82	19.05	6.86	2.83	1.79	1.64	1.33	
26	0.70	4.64	5.71	13.06	57.80	24.89	13.93	7.08	2.68	1.79	1.64	1.17	
27	0.53	3.88	6.63	9.33	50.78	24.89	13.06	7.08	2.68	1.79	1.64	1.17	
28	0.53	3.88	5.71	10.00	58.96	26.54	12.63	5.94	2.68	1.79	1.64	1.17	
29	1.02	4.26	5.25	10.44	114.20	25.72	10.88	5.25	2.53	1.79	1.64	1.33	
30	1.64	4.64	5.01	8.66	81.35	33.88	9.55	5.01	2.53	1.79		1.33	
31		4.45		8.21	60.12		26.54		2.53	1.79		1.33	
Total	29.76	360.23	138.54	225.93	2628.12	1074.02	1000.93	382.38	105.37	66.85	48.91	39.13	6100.17 Ton/day
Mean	0.99	11.62	4.62	7.29	84.78	35.80	32.29	12.75	3.40	2.16	1.69	1.26	Ton/day
Max	2.39	50.78	7.76	31.45	451.38	108.29	80.21	40.10	4.64	2.53	1.94	1.48	451.38 Ton/day
Min	0.53	0.53	2.68	4.07	7.99	19.47	9.55	5.01	2.53	1.79	1.64	1.17	0.53 Ton/day

WATER YEAR : 2007

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	2007					
Number of observation	32					
R-Square	0.7897					
Remarks	Continued Sediment Station					

$$QS = 3.9035 QW^{0.93790}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.45	0.37	1.88	12.16	186.90	119.80	37.63	23.82	5.28	1.10	0.49	0.37	
2	0.45	0.37	1.58	12.71	68.94	86.25	34.60	28.99	4.85	1.10	0.49	0.37	
3	0.41	0.37	1.42	25.90	72.21	73.84	32.56	23.30	4.41	1.02	0.49	0.37	
4	0.41	0.45	1.65	71.12	53.01	88.93	32.05	19.11	4.41	1.02	0.45	0.37	
5	0.41	0.41	1.42	139.40	62.38	70.58	52.45	17.00	3.98	0.94	0.45	0.37	
6	0.37	0.74	1.42	79.79	851.78	59.09	48.00	15.40	3.54	0.94	0.45	0.37	
7	0.32	1.18	1.42	72.21	989.48	56.33	112.84	13.25	3.31	0.94	0.41	0.37	
8	0.32	7.62	1.42	65.12	371.83	47.44	100.55	12.16	3.09	0.86	0.41	0.37	
9	0.32	13.25	1.34	59.64	168.71	45.77	98.60	11.07	3.09	0.86	0.41	0.37	
10	0.32	5.92	1.34	39.14	120.53	50.79	74.38	9.98	2.87	0.86	0.41	0.37	
11	0.28	3.09	1.10	46.33	90.77	49.67	166.88	9.43	2.42	0.82	0.41	0.37	
12	0.28	5.50	1.88	34.09	90.77	44.08	209.49	8.66	2.27	0.78	0.41	0.37	
13	0.37	22.78	1.81	27.96	72.75	50.79	139.40	10.53	2.19	0.78	0.41	0.37	
14	0.37	25.90	1.58	22.26	65.67	40.71	94.04	14.33	2.11	0.74	0.41	0.37	
15	0.37	32.05	2.34	26.93	55.78	43.52	81.40	20.17	2.04	0.70	0.41	0.37	
16	0.32	21.22	2.19	42.96	50.79	40.14	71.12	15.40	1.96	0.70	0.41	0.37	
17	0.32	11.62	1.65	38.64	147.33	42.40	63.48	10.53	1.88	0.66	0.41	0.37	
18	0.32	7.41	1.26	85.71	180.55	60.19	55.22	8.87	1.81	0.66	0.41	0.37	
19	0.41	6.14	1.02	53.56	330.79	57.43	49.12	34.09	1.73	0.62	0.37	0.37	
20	0.37	6.99	0.94	39.64	142.29	168.71	43.52	20.69	1.73	0.62	0.37	0.37	
21	0.32	3.76	2.34	31.54	294.69	85.71	38.64	13.79	1.65	0.58	0.37	0.37	
22	0.32	2.19	2.87	25.90	242.95	67.31	34.60	9.98	1.58	0.58	0.37	0.37	
23	0.32	1.73	4.85	21.74	135.78	55.22	31.54	9.43	1.58	0.53	0.37	0.37	
24	0.32	1.50	5.50	18.06	101.20	49.67	29.50	8.66	1.50	0.53	0.37	0.37	
25	0.32	1.34	2.87	30.52	103.79	42.40	27.44	7.62	1.50	0.53	0.37	0.37	
26	0.28	1.18	15.93	23.82	191.43	37.63	25.38	6.77	1.42	0.53	0.37	0.41	
27	0.28	1.10	23.30	28.47	113.49	45.21	23.82	6.56	1.42	0.53	0.37	0.41	
28	0.28	1.02	12.16	22.78	124.17	49.67	23.30	6.56	1.34	0.53	0.37	0.41	
29	0.32	5.92	8.04	34.60	146.61	40.71	22.26	6.14	1.26	0.53	0.37	0.37	
30	0.45	3.31	13.79	30.52	100.55	41.27	19.11	5.28	1.26	0.53	0.37	0.37	
31		2.11		39.14	138.68		34.09		1.18	0.53		0.37	
Total	10.40	198.54	122.31	1302.36	5866.60	1811.26	1907.01	407.57	74.66	22.65	11.81	11.59	11746.76 Ton/day
Mean	0.35	6.40	4.08	42.01	189.25	60.38	61.52	13.59	2.41	0.73	0.41	0.37	Ton/day
Max	0.45	32.05	23.30	139.40	989.48	168.71	209.49	34.09	5.28	1.10	0.49	0.41	989.48 Ton/day
Min	0.28	0.37	0.94	12.16	50.79	37.63	19.11	5.28	1.18	0.53	0.37	0.37	0.28 Ton/day

WATER YEAR : 2007

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	1999-2007		
Number of observation	219		
R-Square	0.8700		
Remarks	Continued Sediment Station		

$$QS = 2.9763 QW^{1.05930}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.25	1.37	3.55	9.46	43.87	139.94	33.68	16.27	7.46	1.86	1.49	1.01	
2	1.25	1.37	3.55	17.73	29.37	94.53	27.93	21.90	7.19	1.86	1.49	1.01	
3	1.25	1.37	3.80	10.54	21.41	79.18	36.00	15.06	6.93	1.86	1.49	1.01	
4	1.31	1.37	3.93	14.33	17.48	100.51	37.16	13.85	6.53	1.86	1.49	1.01	
5	1.31	1.43	5.09	13.37	21.90	67.15	36.00	11.46	6.01	1.79	1.43	0.95	
6	1.31	1.55	4.44	14.57	257.90	55.24	33.68	10.14	5.35	1.79	1.43	0.95	
7	1.31	1.98	4.32	14.57	254.34	46.70	136.42	10.00	4.70	1.79	1.43	0.95	
8	1.31	2.16	3.42	15.54	190.14	39.49	91.05	9.87	4.44	1.73	1.43	0.95	
9	1.31	2.54	2.29	12.17	189.42	33.68	82.10	9.60	4.19	1.73	1.37	0.95	
10	1.31	2.04	2.23	12.89	89.64	31.09	48.32	9.60	3.80	1.73	1.37	0.89	
11	1.37	2.66	2.16	11.46	63.85	31.09	64.68	9.46	3.67	1.73	1.37	0.89	
12	1.37	6.14	2.66	11.08	51.16	30.23	50.35	9.33	3.42	1.73	1.31	0.89	
13	1.37	8.12	5.09	9.73	40.66	31.66	48.32	9.19	3.29	1.73	1.31	0.89	
14	1.37	9.73	4.70	9.60	35.42	26.79	45.49	9.19	3.10	1.67	1.31	0.89	
15	1.37	17.73	4.70	9.06	29.37	25.08	39.49	9.06	2.98	1.67	1.25	0.89	
16	1.37	11.93	6.27	8.66	25.08	101.50	36.58	9.06	2.85	1.67	1.25	0.89	
17	1.37	7.19	4.44	10.68	133.49	63.03	33.11	9.06	2.79	1.67	1.25	0.89	
18	1.37	4.57	3.42	11.08	70.46	49.94	29.65	9.06	2.66	1.67	1.25	0.83	
19	1.37	4.44	2.66	9.87	55.24	53.20	25.94	10.00	2.60	1.67	1.19	0.83	
20	1.37	3.55	2.72	8.93	40.66	47.51	24.23	9.33	2.54	1.67	1.19	0.83	
21	1.37	4.96	8.39	9.19	38.03	48.32	21.90	10.68	2.47	1.61	1.19	0.83	
22	1.37	4.57	19.93	8.93	75.85	37.45	20.42	11.08	2.41	1.61	1.13	0.83	
23	1.37	2.85	13.37	10.95	70.04	31.38	18.46	10.14	2.35	1.61	1.13	0.83	
24	1.37	4.44	8.52	9.06	54.42	31.09	17.00	10.27	2.29	1.61	1.13	0.83	
25	1.37	3.93	6.93	9.06	44.28	27.36	15.30	10.81	2.23	1.61	1.07	0.83	
26	1.43	3.80	8.26	9.06	55.24	24.23	14.57	11.08	2.16	1.61	1.07	0.83	
27	1.43	3.55	17.97	8.39	59.33	25.08	14.33	11.22	2.16	1.55	1.07	0.83	
28	1.43	3.93	9.73	8.79	54.01	26.22	14.57	10.54	2.10	1.55	1.07	0.77	
29	1.61	3.80	10.00	15.06	49.94	25.08	13.61	9.60	1.98	1.55	1.01	0.77	
30	1.37	3.55	9.06	15.54	45.08	27.65	13.61	8.39	1.92	1.55		0.77	
31		3.80		13.37	70.04		19.68		1.86	1.55		0.77	
Total	40.74	136.42	187.60	352.72	2277.12	1451.40	1143.63	324.30	110.43	52.29	36.97	27.29	6140.91 Ton/day
Mean	1.36	4.40	6.25	11.38	73.46	48.38	36.89	10.81	3.56	1.69	1.27	0.88	Ton/day
Max	1.61	17.73	19.93	17.73	257.90	139.94	136.42	21.90	7.46	1.86	1.49	1.01	257.90 Ton/day
Min	1.25	1.37	2.16	8.39	17.48	24.23	13.61	8.39	1.86	1.55	1.01	0.77	0.77 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	24		
R-Square	0.9312		
Remarks	Continued Sediment Station		

$$QS = 3.2992 QW^{1.08160}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	0.00	15.18	68.43	32.54	21.26	12.20	6.23	0.00	0.00	
2	0.00	0.00	0.00	10.44	14.58	45.00	30.64	21.88	12.20	5.86	0.00	0.00	
3	0.00	0.00	0.00	16.38	14.58	104.94	31.27	21.88	12.79	5.49	0.00	0.00	
4	0.00	0.00	0.00	15.78	13.98	176.39	184.11	21.88	13.38	4.75	0.00	0.00	
5	0.00	0.00	0.00	15.18	14.58	195.74	351.95	21.26	13.98	3.66	0.00	0.00	
6	0.00	0.00	0.00	15.18	15.18	161.03	530.48	21.26	14.58	3.30	0.00	0.00	
7	0.00	0.00	0.00	14.58	16.38	93.86	873.47	20.65	15.18	2.24	0.00	0.00	
8	0.00	0.00	0.00	14.58	24.36	40.24	886.52	20.03	15.18	1.56	0.00	0.00	
9	0.00	0.00	0.00	13.98	32.54	31.91	756.67	19.42	15.18	1.22	0.00	0.00	
10	0.00	0.00	0.00	13.98	33.82	30.64	614.19	18.81	15.18	0.27	0.00	0.00	
11	0.00	0.00	0.00	16.38	37.66	31.27	517.93	18.20	15.18	0.00	0.00	0.00	
12	0.00	0.00	0.00	16.38	38.95	31.27	214.74	17.59	15.18	0.00	0.00	0.00	
13	0.00	0.00	0.00	15.78	36.38	31.91	224.54	17.59	15.18	0.00	0.00	0.00	
14	0.00	0.00	0.00	14.58	29.38	31.91	505.40	16.99	15.18	0.00	0.00	0.00	
15	0.00	0.00	0.00	12.79	23.12	31.91	451.89	16.99	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	14.58	23.74	31.91	387.61	16.99	15.18	0.00	0.00	0.00	
17	0.00	0.00	0.00	15.78	37.02	98.01	331.69	16.38	14.58	0.00	0.00	0.00	
18	0.00	0.00	0.00	15.78	74.05	199.63	251.15	16.38	14.58	0.00	0.00	0.00	
19	0.00	0.00	0.00	19.42	106.33	276.97	174.46	16.38	14.58	0.00	0.00	0.00	
20	0.00	0.00	0.00	18.20	128.75	328.15	93.86	16.38	13.98	0.00	0.00	0.00	
21	0.00	0.00	0.00	16.99	143.87	356.01	37.66	15.78	13.38	0.00	0.00	0.00	
22	0.00	0.00	0.00	15.78	168.70	339.78	29.38	15.78	12.79	0.00	0.00	0.00	
23	0.00	0.00	0.00	15.78	212.30	293.21	24.98	15.78	12.20	0.00	0.00	0.00	
24	0.00	0.00	0.00	16.38	247.93	205.47	24.36	15.18	12.20	0.00	0.00	0.00	
25	0.00	0.00	0.00	15.78	286.71	93.86	24.36	15.18	11.61	0.00	0.00	0.00	
26	0.00	0.00	0.00	14.58	307.00	30.64	23.12	14.58	11.02	0.00	0.00	0.00	
27	0.00	0.00	0.00	14.58	296.46	29.38	22.50	14.58	10.44	0.00	0.00	0.00	
28	0.00	0.00	0.00	14.58	270.50	28.75	21.88	13.98	9.27	0.00	0.00	0.00	
29	0.00	0.00	0.00	13.98	219.64	35.10	21.88	13.38	8.70	0.00	0.00	0.00	
30	0.00	0.00	0.00	13.38	164.86	38.31	21.26	12.79	7.55	0.00	0.00	0.00	
31		0.00		13.38	103.55		21.26		6.61	0.00		0.00	
Total	0.00	0.00	0.00	454.94	3152.08	3491.63	7717.75	525.21	389.24	34.58	0.00	0.00	15765.43 Ton/day
Mean	0.00	0.00	0.00	14.68	101.68	116.39	248.96	17.51	12.56	1.12	0.00	0.00	Ton/day
Max	0.00	0.00	0.00	19.42	307.00	356.01	886.52	21.88	15.18	6.23	0.00	0.00	886.52 Ton/day
Min	0.00	0.00	0.00	0.00	13.98	28.75	21.26	12.79	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**MUN RIVER BASIN****Lam Chi at Ban Lum Din, Surin (M.159)**

Lat 15 - 08 - 24 N Long 103 - 25 - 57 E

Location : on right bank at Ban Lum Din.

	Ban Lum Din	Amphoe Chom Phra	Changwat Surin
Drainge Area	4,806 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	2007		
Number of observation	22		
R-Square	0.7869		
Remarks	Continued Sediment Station		

$$QS = 8.8313 QW^{0.86250}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	6.41	129.50	31.70	9.51	185.83	445.49	657.24	234.11	0.00	0.00	0.00	
2	0.00	7.29	129.50	42.61	8.14	185.83	434.06	661.61	219.12	0.00	0.00	0.00	
3	0.00	8.14	130.74	39.02	22.12	221.86	419.69	665.97	203.97	0.00	0.00	0.00	
4	0.00	9.06	128.26	15.29	25.05	258.31	471.06	670.32	177.37	0.00	0.00	0.00	
5	0.00	15.29	124.52	19.13	19.13	318.19	547.89	683.37	160.23	0.00	0.00	0.00	
6	0.00	26.02	125.77	22.12	25.05	355.49	579.31	676.13	148.65	0.00	0.00	0.00	
7	0.00	37.21	138.39	19.13	57.35	349.56	610.37	668.87	128.26	0.00	0.00	0.00	
8	0.00	48.76	151.56	24.08	79.35	298.52	614.79	658.70	123.27	0.00	0.00	0.00	
9	0.00	62.96	150.10	23.11	72.59	292.42	592.65	647.03	96.51	0.00	0.00	0.00	
10	0.00	78.00	147.19	15.29	55.93	298.52	586.73	635.34	82.02	0.00	0.00	0.00	
11	0.00	89.97	141.33	9.89	42.61	321.20	644.11	629.48	79.35	0.00	0.00	0.00	
12	0.00	100.40	124.52	4.52	35.39	309.13	730.41	598.57	75.30	0.00	0.00	0.00	
13	0.00	151.56	110.66	3.04	33.55	248.94	790.31	576.33	69.86	0.00	0.00	0.00	
14	0.00	234.11	84.69	4.52	34.47	219.12	834.76	560.29	62.96	0.00	0.00	0.00	
15	0.00	295.47	69.86	4.52	38.12	236.82	855.38	536.83	73.95	0.00	0.00	0.00	
16	0.00	354.01	54.51	4.01	40.82	244.91	877.38	524.34	88.66	0.00	0.00	0.00	
17	0.00	399.44	101.69	1.92	51.65	220.49	899.29	507.61	100.40	0.00	0.00	0.00	
18	0.00	432.62	115.73	0.78	122.02	221.86	916.76	486.58	111.93	0.00	0.00	0.00	
19	0.00	442.64	97.81	1.32	173.11	247.60	932.73	473.89	100.40	0.00	0.00	0.00	
20	0.00	436.92	57.35	0.78	225.95	298.52	945.76	445.49	92.60	0.00	0.00	0.00	
21	0.00	422.57	33.55	0.00	236.82	421.13	950.09	434.06	87.34	0.00	0.00	0.00	
22	0.00	399.44	31.70	0.00	238.17	482.36	948.65	419.69	72.59	0.00	0.00	0.00	
23	0.00	373.17	34.47	0.00	242.22	524.34	931.28	396.54	62.96	0.00	0.00	0.00	
24	0.00	340.65	26.98	0.00	281.71	529.90	913.85	373.17	60.16	0.00	0.00	0.00	
25	0.00	289.37	21.13	0.00	330.20	531.28	875.91	355.49	62.96	0.00	0.00	0.00	
26	0.78	235.46	17.09	0.00	336.17	522.95	839.19	340.65	0.00	0.00	0.00	0.00	
27	1.92	191.44	28.88	0.00	316.68	507.61	808.14	312.16	0.00	0.00	0.00	0.00	
28	3.04	161.67	44.38	0.00	251.62	492.20	742.45	293.95	0.00	0.00	0.00	0.00	
29	4.01	157.35	45.85	0.00	195.63	485.17	697.81	271.59	0.00	0.00	0.00	0.00	
30	5.44	150.10	43.49	0.00	167.41	462.57	667.42	252.96	0.00	0.00	0.00	0.00	
31		141.33		0.00	198.42		645.57		0.00	0.00		0.00	
Total	15.19	6098.83	2641.20	286.78	3966.96	10292.63	22749.29	15414.25	2774.93	0.00	0.00	0.00	64240.06 Ton/day
Mean	0.51	196.74	88.04	9.25	127.97	343.09	733.85	513.81	89.51	0.00	0.00	0.00	Ton/day
Max	5.44	442.64	151.56	42.61	336.17	531.28	950.09	683.37	234.11	0.00	0.00	0.00	950.09 Ton/day
Min	0.00	6.41	17.09	0.00	8.14	185.83	419.69	252.96	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	32		
R-Square	0.8686		
Remarks	Continued Sediment Station		

$$QS = 7.2257 QW^{0.87020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.53	2.53	56.38	95.39	119.78	603.48	286.68	142.63	35.60	14.52	7.73	4.83	
2	6.53	4.83	45.95	134.54	191.46	594.37	242.58	153.05	33.36	14.12	7.73	4.83	
3	1.62	5.69	44.37	157.83	162.58	586.55	225.73	158.62	31.85	14.12	7.73	4.83	
4	1.86	6.53	54.52	175.16	141.02	581.32	242.58	146.65	28.81	13.72	7.73	4.83	
5	2.09	12.52	70.93	191.46	125.55	568.23	275.76	131.28	25.71	13.32	7.35	4.36	
6	2.31	20.31	60.98	208.70	535.30	524.69	295.38	120.61	25.71	12.92	7.35	4.36	
7	1.86	24.14	50.22	251.49	911.15	441.37	329.79	109.79	25.71	12.52	7.35	4.36	
8	1.62	25.71	46.81	299.71	1017.52	374.17	412.62	100.51	25.71	12.11	7.35	4.36	
9	1.39	40.75	42.93	225.73	1029.38	324.45	457.67	88.51	25.71	12.11	7.35	4.36	
10	1.14	53.59	40.02	150.66	956.37	281.23	471.18	78.91	25.71	12.11	7.35	4.36	
11	1.14	116.46	39.29	147.46	891.87	264.77	490.01	66.43	25.71	11.70	6.91	4.36	
12	1.14	158.62	39.29	132.91	844.77	243.69	511.40	66.43	25.71	11.70	6.91	4.36	
13	1.14	292.12	25.71	113.97	788.86	227.99	537.94	64.62	24.14	11.29	6.91	4.36	
14	1.14	329.79	25.71	92.82	733.77	225.73	599.58	61.89	23.35	10.88	6.53	4.36	
15	1.14	248.15	27.27	79.79	613.87	264.77	622.94	70.93	22.56	10.52	6.53	4.36	
16	1.14	235.86	33.36	71.82	442.73	417.43	593.07	70.93	22.19	10.10	6.53	3.95	
17	1.14	191.46	44.37	105.59	481.95	504.73	520.71	69.13	21.81	10.10	6.53	3.95	
18	1.14	134.54	48.52	108.11	607.38	532.65	382.53	59.14	20.69	10.10	6.08	3.47	
19	1.14	135.35	60.06	111.46	712.41	539.26	311.58	59.14	18.80	9.74	6.08	3.47	
20	0.89	119.78	63.71	118.12	784.64	564.29	251.49	66.43	18.03	9.32	6.08	3.04	
21	0.62	92.82	70.93	106.43	809.89	564.29	225.73	79.79	17.26	8.96	6.08	3.04	
22	0.89	75.38	89.38	91.10	797.28	528.67	199.53	70.03	16.87	8.53	6.08	2.53	
23	1.14	48.52	105.59	79.79	769.15	421.04	164.55	66.43	16.48	8.16	5.69	2.31	
24	1.14	40.75	117.29	70.93	735.19	324.45	149.06	61.89	16.48	8.16	5.69	2.31	
25	1.14	40.02	126.37	92.82	688.10	269.17	132.91	52.75	16.09	8.16	5.69	2.31	
26	1.14	40.75	122.26	88.51	642.30	220.08	130.46	51.91	15.70	7.73	5.69	2.09	
27	1.14	40.75	99.66	79.79	602.18	215.54	116.46	45.95	15.70	7.73	5.23	2.31	
28	1.39	52.75	92.82	75.38	572.16	255.92	113.13	43.65	15.31	7.73	5.23	2.31	
29	1.62	73.60	90.24	79.79	580.02	261.46	108.11	39.29	14.92	7.73	5.23	2.53	
30	1.86	75.38	84.17	95.39	598.28	279.04	103.05	37.08	14.52	7.73		2.53	
31		73.60		108.11	609.98		116.46		14.52	7.73		2.31	
Total	52.18	2813.05	1919.11	3940.76	19496.89	12004.83	9620.67	2434.40	680.72	325.37	190.72	111.74	53590.44 Ton/day
Mean	1.74	90.74	63.97	127.12	628.93	400.16	310.34	81.15	21.96	10.50	6.58	3.60	Ton/day
Max	8.53	329.79	126.37	299.71	1029.38	603.48	622.94	158.62	35.60	14.52	7.73	4.83	1029.38 Ton/day
Min	0.62	2.53	25.71	70.93	119.78	215.54	103.05	37.08	14.52	7.73	5.23	2.09	0.62 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	28		
R-Square	0.9067		
Remarks	Continued Sediment Station		

QS = 32.8260 QW^{1.44870}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	193.27	64.85	177.02	131.04	318.52	922.40	161.22	32.83	10.32	0.00	0.00	
2	0.00	791.82	59.06	131.04	76.92	244.58	337.92	145.89	32.83	8.70	3.19	0.00	
3	0.00	161.22	83.19	102.87	53.45	193.27	494.18	123.80	32.83	8.70	2.10	0.00	
4	0.00	161.22	83.19	76.92	37.69	209.96	227.07	102.87	32.83	8.70	2.10	0.00	
5	123.80	440.07	83.19	70.81	25.94	145.89	8521.23	96.16	30.48	8.70	5.74	0.00	
6	64.85	3951.72	48.01	64.85	21.64	116.69	5523.70	89.60	30.48	8.70	5.74	0.00	
7	21.64	3378.34	37.69	64.85	23.76	123.80	2057.79	76.92	28.18	8.70	5.74	0.00	
8	12.03	3951.72	59.06	59.06	23.76	96.16	922.40	64.85	28.18	8.70	2.10	0.00	
9	8.70	3378.34	76.92	53.45	19.58	83.19	1274.42	53.45	25.94	8.70	2.10	0.00	
10	15.66	3951.72	109.71	37.69	25.94	244.58	2702.20	59.06	25.94	8.70	1.17	0.00	
11	21.64	7683.22	48.01	28.18	25.94	177.02	28820.68	53.45	25.94	8.70	1.17	0.00	
12	13.81	6477.96	76.92	23.76	23.76	138.40	27549.03	48.01	25.94	7.17	0.43	0.00	
13	13.81	4974.26	89.60	21.64	19.58	153.49	10815.34	48.01	23.76	7.17	0.43	0.00	
14	12.03	6674.39	138.40	21.64	21.64	856.34	3378.34	70.81	23.76	7.17	0.00	0.00	
15	19.58	8098.87	209.96	17.59	19.58	2161.38	1659.67	70.81	21.64	5.74	0.00	0.00	
16	12.03	7274.42	227.07	17.59	13.81	2266.53	2481.40	76.92	21.64	5.74	0.00	0.00	
17	13.81	3102.29	262.49	15.66	8.70	2702.20	922.40	70.81	21.64	5.74	0.00	0.00	
18	10.32	856.34	89.60	23.76	7.17	1201.23	550.19	70.81	19.58	5.74	0.00	0.00	
19	13.81	608.02	109.71	30.48	5.74	1955.80	337.92	64.85	19.58	4.41	0.00	0.00	
20	10.32	227.07	70.81	109.71	4.41	667.61	262.49	96.16	19.58	4.41	0.00	0.00	
21	12.03	138.40	59.06	244.58	4.41	440.07	193.27	109.71	19.58	3.19	0.00	10.32	
22	19.58	123.80	145.89	138.40	4.41	318.52	161.22	89.60	17.59	3.19	0.00	8.70	
23	19.58	116.69	728.90	161.22	4.41	193.27	161.22	70.81	17.59	3.19	0.00	5.74	
24	10.32	96.16	2266.53	161.22	3.19	138.40	153.49	70.81	17.59	3.19	0.00	2.10	
25	48.01	96.16	318.52	161.22	12.03	123.80	138.40	64.85	17.59	4.41	0.00	8.70	
26	32.83	96.16	193.27	153.49	30.48	123.80	145.89	59.06	13.81	5.74	0.00	37.69	
27	10.32	83.19	2266.53	153.49	138.40	440.07	131.04	53.45	17.59	4.41	0.00	8.70	
28	64.85	76.92	1756.70	96.16	6283.37	440.07	123.80	53.45	17.59	3.19	0.00	1.17	
29	102.87	64.85	728.90	209.96	5523.70	989.95	116.69	48.01	15.66	0.43	0.00	0.00	
30	32.83	64.85	262.49	161.22	2373.21	1580.13	109.71	42.75	13.81	0.43	0.00	0.00	
31		59.06		96.16	1274.42		138.40		12.03	0.00		1.17	
Total	741.06	67352.52	10754.23	2885.69	16242.08	18844.72	101333.90	2306.96	704.01	181.98	32.01	84.29	221463.45 Ton/day
Mean	24.70	2172.66	358.47	93.09	523.94	628.16	3268.84	76.90	22.71	5.87	1.10	2.72	Ton/day
Max	123.80	8098.87	2266.53	244.58	6283.37	2702.20	28820.68	161.22	32.83	10.32	5.74	37.69	28820.68 Ton/day
Min	0.00	59.06	37.69	15.66	3.19	83.19	109.71	42.75	12.03	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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
Drainage 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	2007		
Number of observation	36		
R-Square	0.8970		
Remarks	Continued Sediment Station		

$$QS = 5.9901 QW^{0.97760}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	4.11	4.23	53.55	31.71	45.74	802.34	1228.53	347.56	34.53	4.70	3.52	5.87		
2	4.11	4.70	47.42	29.45	66.33	766.99	1193.79	390.50	30.02	4.52	3.52	5.87		
3	7.16	6.58	41.26	28.32	76.84	762.27	1139.56	406.78	28.32	4.52	4.11	6.28		
4	21.52	10.64	39.58	26.63	71.31	778.77	1159.54	408.59	39.58	4.40	4.99	5.87		
5	7.45	11.80	35.65	26.63	61.89	824.05	1343.48	370.59	32.27	4.40	5.29	5.29		
6	5.99	11.22	33.96	29.45	149.68	858.04	1464.41	335.28	25.50	4.40	5.11	4.99		
7	5.29	24.93	33.40	32.84	769.34	863.26	1513.95	302.08	20.39	4.52	5.11	4.70		
8	4.99	45.74	32.84	40.14	1063.95	807.05	1470.60	282.37	18.10	4.70	5.11	4.23		
9	5.11	57.45	35.65	33.96	1954.70	670.95	1408.63	256.45	17.53	5.11	4.52	3.64		
10	4.70	62.45	35.09	28.32	2091.27	534.70	1365.21	240.26	18.10	4.99	4.23	3.34		
11	4.11	64.66	31.15	21.52	1959.32	496.95	1427.22	225.99	19.25	5.29	3.93	3.22		
12	4.23	80.70	28.32	16.96	1801.47	550.86	1495.89	213.86	17.53	6.28	3.81	3.22		
13	3.93	119.41	22.09	16.39	1684.49	652.03	1467.50	198.47	14.67	6.87	4.11	3.22		
14	3.52	143.96	14.10	16.96	1582.53	637.30	1510.34	189.55	13.52	7.74	4.40	2.92		
15	3.52	161.91	11.22	17.53	1408.63	626.77	1582.53	183.05	11.80	7.45	3.34	2.92		
16	3.34	148.05	9.48	27.19	998.90	881.55	1630.44	162.72	8.90	7.16	3.22	2.62		
17	3.64	116.95	9.48	42.38	829.28	1113.85	1630.44	156.20	7.74	6.58	3.04	2.92		
18	5.11	109.73	10.64	43.50	915.48	1287.59	1596.95	152.94	7.16	5.87	3.22	3.93		
19	5.40	116.95	9.48	36.78	1050.95	1424.13	1495.89	151.31	9.48	5.40	3.52	5.11		
20	8.32	115.31	14.10	33.40	1102.42	1593.35	1228.53	152.13	16.96	5.11	3.34	5.58		
21	8.90	125.15	15.82	32.84	1105.28	1680.63	925.92	130.88	11.80	4.52	3.22	6.58		
22	6.28	121.87	18.68	28.89	1056.15	1709.70	764.63	121.87	9.48	4.40	3.22	8.03		
23	5.40	105.78	25.50	23.80	954.60	1749.05	641.51	107.75	8.61	4.23	3.04	8.32		
24	5.11	90.62	31.15	19.25	804.69	1762.16	547.27	101.17	8.32	3.81	2.92	7.45		
25	4.70	69.65	33.40	16.96	733.96	1744.68	480.75	95.90	8.32	3.52	3.64	6.28		
26	4.52	62.45	32.84	15.24	662.54	1676.77	424.85	82.91	7.74	3.34	4.40	5.40		
27	4.23	51.88	32.27	11.80	637.30	1506.73	381.46	76.29	7.45	3.34	4.11	5.29		
28	3.93	45.18	30.02	14.67	750.48	1262.73	348.79	69.65	5.70	3.22	3.22	5.11		
29	3.81	50.76	27.76	17.53	811.76	1237.86	321.76	58.00	5.29	3.52	3.04	4.82		
30	3.93	53.55	29.45	19.82	807.05	1240.97	295.92	40.70	4.99	3.81		4.70		
31		56.89		29.45	776.42		304.54		4.82	3.22		4.52		
Total	166.36	2251.15	825.35	810.31	28784.75	32504.08	33790.83	6011.80	473.87	150.94	112.25	152.24	106033.93	Tonday
Mean	5.55	72.62	27.51	26.14	928.54	1083.47	1090.03	200.39	15.29	4.87	3.87	4.91		Ton/day
Max	21.52	161.91	53.55	43.50	2091.27	1762.16	1630.44	408.59	39.58	7.74	5.29	8.32	2091.27	Ton/day
Min	3.34	4.23	9.48	11.80	45.74	496.95	295.92	40.70	4.82	3.22	2.92	2.62	2.62	Ton/day

WATER YEAR : 2007**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	2007					
Number of observation	28					
R-Square	0.9139					
Remarks	Continued Sediment Station					

QS = 2.2093 QW^{1.08530}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	16.42	0.00	13.50	1027.53	732.08	393.42	2.52	0.00	0.00	0.00	
2	0.00	0.00	15.58	0.00	8.95	996.48	701.49	370.06	2.35	0.00	0.00	0.00	
3	0.00	0.00	12.67	0.00	7.94	946.19	650.73	344.31	2.02	0.00	0.00	0.00	
4	0.00	0.00	11.30	0.00	7.28	896.88	681.15	340.04	1.55	0.00	0.00	0.00	
5	0.00	0.00	9.62	0.00	8.95	834.77	779.87	310.22	0.73	0.00	0.00	0.00	
6	0.00	0.00	6.96	9.27	31.29	776.45	858.88	280.63	0.53	0.00	0.00	0.00	
7	0.00	0.00	3.13	21.10	64.21	735.49	931.53	247.11	0.36	0.00	0.00	0.00	
8	0.00	0.00	0.00	25.72	73.95	687.92	1019.76	222.20	0.18	0.00	0.00	0.00	
9	0.00	0.00	0.00	25.72	91.80	647.36	1128.15	185.25	0.14	0.00	0.00	0.00	
10	0.00	0.00	0.00	24.56	125.99	614.63	1257.89	156.90	0.10	0.00	0.00	0.00	
11	0.00	0.00	0.00	26.89	169.34	570.35	1425.32	125.00	0.05	0.00	0.00	0.00	
12	0.00	0.00	0.00	53.04	213.25	521.92	1540.50	99.54	0.03	0.00	0.00	0.00	
13	0.00	5.97	0.00	53.04	246.41	464.16	1637.00	78.38	0.00	0.00	0.00	0.00	
14	0.00	6.96	0.00	37.54	265.22	417.62	1699.97	57.67	0.00	0.00	0.00	0.00	
15	0.00	6.96	0.00	23.40	275.72	397.39	1729.10	40.24	0.00	0.00	0.00	0.00	
16	0.00	5.33	0.00	18.97	275.72	379.75	1748.54	23.98	0.00	0.00	0.00	0.00	
17	0.00	4.06	0.49	8.28	275.72	404.97	1753.40	12.62	0.00	0.00	0.00	0.00	
18	0.00	3.75	0.00	9.95	267.32	469.64	1704.42	6.23	0.00	0.00	0.00	0.00	
19	0.00	3.75	0.49	7.28	290.11	554.60	1647.89	5.92	0.00	0.00	0.00	0.00	
20	0.00	2.81	0.00	0.24	337.19	643.98	1549.33	5.71	0.00	0.00	0.00	0.00	
21	0.00	1.92	0.00	0.00	377.24	718.47	1423.33	5.56	0.00	0.00	0.00	0.00	
22	0.00	1.04	0.00	0.00	440.48	759.36	1295.04	5.40	0.00	0.00	0.00	0.00	
23	0.00	1.04	0.00	0.00	554.60	810.72	1146.56	5.25	0.00	0.00	0.00	0.00	
24	0.00	0.49	0.00	0.00	660.86	858.88	1035.30	5.10	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	776.45	886.50	918.43	4.87	0.00	0.00	0.00	0.00	
26	0.00	0.24	0.00	1.92	876.14	896.88	811.86	4.64	0.00	0.00	0.00	0.00	
27	0.00	0.24	3.43	10.98	953.91	879.59	715.45	4.41	0.00	0.00	0.00	0.00	
28	0.00	0.77	0.00	20.25	1000.36	848.54	631.26	4.18	0.00	0.00	0.00	0.00	
29	0.00	7.94	0.00	14.33	1035.30	810.72	547.94	3.63	0.00	0.00	0.00	0.00	
30	0.00	11.66	0.00	13.91	1050.86	773.03	483.17	3.04	0.00	0.00	0.00	0.00	
31		13.91		13.50	1046.97		431.03		0.00	0.00		0.00	
Total	0.00	78.84	80.09	419.89	11823.03	21230.77	34616.37	3351.51	10.56	0.00	0.00	0.00	71611.06 Ton/day
Mean	0.00	2.54	2.67	13.54	381.39	707.69	1116.66	111.72	0.34	0.00	0.00	0.00	Ton/day
Max	0.00	13.91	16.42	53.04	1050.86	1027.53	1753.40	393.42	2.52	0.00	0.00	0.00	1753.40 Ton/day
Min	0.00	0.00	0.00	0.00	7.28	379.75	431.03	3.04	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	864 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 - 2007		
Number of observation	154		
R-Square	0.8933		
Remarks	Continued Sediment Station		

$$QS = 6.8574 QW^{1.19500}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.12	1.50	2.23	0.77	2.43	1.06	3.28	4.17	0.29	0.54	0.39	1.25	
2	1.43	1.43	2.36	0.60	1.43	2.09	2.92	4.17	0.29	0.54	0.39	0.71	
3	2.09	1.76	2.02	0.60	1.69	1.43	3.21	3.58	0.34	0.49	0.39	0.29	
4	2.85	4.02	2.64	0.60	1.89	1.69	3.14	3.07	0.34	0.49	0.49	0.15	
5	2.85	3.50	3.07	0.65	1.82	1.76	2.92	3.58	0.44	0.49	4.17	0.15	
6	2.92	1.89	3.58	0.65	1.89	1.76	2.92	3.36	0.44	0.49	10.60	0.10	
7	2.92	2.23	2.43	0.77	2.09	1.76	3.00	3.36	0.34	0.49	9.56	0.10	
8	2.85	1.69	2.23	0.65	2.57	1.76	2.78	3.07	0.34	0.49	9.56	0.10	
9	1.76	23.37	1.63	0.65	6.69	1.82	5.41	3.28	0.34	0.65	9.56	0.10	
10	1.89	23.07	1.50	0.65	1.37	2.09	4.17	3.14	0.39	0.71	9.56	0.10	
11	1.69	6.86	1.31	0.65	1.37	0.24	42.37	2.85	0.44	0.77	9.56	0.10	
12	1.63	18.65	0.94	0.54	1.37	2.50	27.94	2.78	0.49	0.77	8.19	0.10	
13	1.56	8.02	1.00	0.77	1.76	2.43	9.82	2.71	0.49	0.77	1.82	10.87	
14	1.37	11.13	0.44	0.83	1.43	3.65	7.02	3.21	0.44	0.83	1.25	15.79	
15	1.31	20.99	0.71	0.83	0.88	2.50	7.68	2.64	0.39	0.83	1.00	10.87	
16	1.31	12.75	0.77	0.83	2.23	2.50	5.57	2.50	0.44	0.71	1.06	8.36	
17	1.37	6.37	0.83	1.18	2.71	1.76	3.58	2.36	0.49	0.49	1.06	6.05	
18	1.31	3.28	1.18	8.02	3.07	1.76	2.71	1.89	0.49	0.49	1.37	3.14	
19	1.43	3.50	0.83	10.08	3.14	1.89	2.57	1.63	0.60	0.49	2.02	0.60	
20	1.76	2.64	0.83	11.13	3.07	2.09	1.50	1.06	0.83	0.49	2.23	0.15	
21	1.96	2.23	1.12	11.13	3.14	2.50	1.76	0.71	0.77	0.49	1.96	0.15	
22	2.02	1.96	0.29	9.56	5.57	1.69	1.69	0.34	0.71	0.49	1.69	0.24	
23	2.16	1.76	0.88	10.08	4.79	1.96	1.82	0.24	0.83	0.49	1.89	0.49	
24	2.02	1.63	1.00	9.56	4.79	1.50	2.36	1.12	0.83	0.49	1.89	1.89	
25	1.43	1.56	0.83	4.17	6.37	1.89	2.43	2.43	0.83	0.49	2.02	2.29	
26	3.72	1.56	0.83	3.50	5.57	1.56	2.43	0.24	0.83	0.49	2.16	2.36	
27	2.71	1.82	0.83	3.87	4.79	1.69	3.07	0.24	0.83	0.49	1.96	2.23	
28	2.02	1.82	0.65	4.02	3.50	1.96	2.85	0.24	0.83	0.49	1.76	2.29	
29	1.96	1.69	0.71	3.07	5.73	2.43	2.78	0.29	0.83	0.44	1.37	2.36	
30	1.96	1.69	0.83	3.07	3.65	4.63	3.00	0.29	0.71	0.39		2.29	
31		2.02		2.50	2.02		4.33		0.49	0.39		1.63	
Total	59.38	178.39	40.50	105.98	94.82	60.35	173.03	64.55	17.14	17.16	100.93	77.30	989.53 Tonday
Mean	1.98	5.75	1.35	3.42	3.06	2.01	5.58	2.15	0.55	0.55	3.48	2.49	Ton/day
Max	3.72	23.37	3.58	11.13	6.69	4.63	42.37	4.17	0.83	0.83	10.60	15.79	42.37 Ton/day
Min	1.12	1.43	0.29	0.54	0.88	0.24	1.50	0.24	0.29	0.39	0.39	0.10	0.10 Ton/day

WATER YEAR : 2007**MUN RIVER BASIN****Huai Hin Lap at Ban Hin Lap, Nakhon Ratchasima (M.183)**

Lat 14 - 43 - 26 N Long 101 - 34 - 19 E

Location : on left bank at the bridge on highway.

	Ban Hin Lap	Amphoe Pak Chong	Changwat Nakhon Ratchasima
Drainage Area	250 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	24		
R-Square	0.8622		
Remarks	Continued Sediment Station		

$$QS = 9.2531 QW^{1.30520}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.71	199.13	3.74	2.26	2.80	13.43	20.65	7.48	3.17	0.99	0.92	0.92	
2	0.71	47.47	3.74	2.26	2.80	7.48	9.13	15.16	3.17	0.99	0.92	0.92	
3	0.71	20.65	3.74	0.99	2.26	7.48	7.48	10.85	2.53	0.99	0.92	0.92	
4	0.71	73.64	3.74	0.99	2.01	3.74	7.48	8.30	0.99	0.99	0.92	0.92	
5	0.71	77.59	18.78	0.99	1.76	11.74	7.48	7.48	0.99	0.92	0.92	0.92	
6	0.71	15.16	11.74	0.99	1.76	30.60	7.48	7.48	0.99	0.92	0.92	0.92	
7	0.71	199.13	7.48	0.99	1.76	15.16	7.48	7.48	0.99	0.92	0.92	0.92	
8	0.71	69.74	7.48	0.99	2.53	3.74	7.48	7.48	0.99	0.92	0.92	0.92	
9	0.78	119.49	7.48	0.99	2.26	3.74	15.16	7.48	0.99	0.92	0.92	0.92	
10	0.78	771.92	7.48	3.74	2.26	5.17	119.49	5.17	0.99	0.92	0.92	0.92	
11	0.71	696.37	37.14	3.74	2.26	24.52	382.11	3.74	0.99	0.92	0.92	0.92	
12	0.71	234.47	11.74	1.44	2.26	15.16	289.88	3.74	0.99	0.92	0.92	0.92	
13	0.71	58.36	37.14	0.99	2.26	11.74	98.02	3.74	0.99	0.92	0.92	0.92	
14	0.71	26.51	11.74	0.99	2.26	24.52	507.44	5.92	0.99	0.92	0.92	0.92	
15	0.78	77.59	22.57	3.74	1.76	30.60	115.12	7.48	0.99	0.92	0.92	0.92	
16	0.78	128.36	18.78	2.26	1.76	20.65	115.12	7.48	0.99	0.92	0.92	0.92	
17	0.78	51.04	11.74	5.92	1.76	16.95	106.49	7.48	0.99	0.92	0.92	0.92	
18	0.85	9.98	3.74	5.17	1.76	24.52	37.14	7.48	0.99	0.92	0.92	0.92	
19	0.85	2.26	3.74	3.74	0.99	168.77	30.60	5.17	0.99	0.92	0.92	0.92	
20	0.85	2.26	3.74	3.74	0.99	26.51	20.65	5.92	0.99	0.92	0.92	0.92	
21	0.85	0.99	3.74	3.74	0.99	26.51	11.74	7.48	0.99	0.92	0.92	0.92	
22	0.78	3.74	3.17	5.92	0.99	15.16	11.74	7.48	0.99	0.92	0.92	0.92	
23	1.44	3.74	3.74	5.92	0.99	9.13	11.74	4.44	0.99	0.92	0.92	0.92	
24	0.99	3.74	3.74	2.26	0.99	3.74	11.74	3.17	0.99	0.92	0.92	0.92	
25	3.17	3.74	3.74	2.26	0.99	3.74	11.74	3.17	0.99	0.92	0.92	2.01	
26	2.80	3.74	15.16	7.48	1.76	3.74	11.74	3.17	0.99	0.92	0.92	2.80	
27	0.99	3.74	3.74	7.48	2.01	3.74	11.74	3.17	0.99	0.92	0.92	2.80	
28	2.01	11.74	3.74	8.30	5.17	5.92	9.13	3.17	0.99	0.92	0.92	2.80	
29	28.54	11.74	3.74	11.74	98.02	7.48	7.48	3.17	0.99	0.92	0.92	2.80	
30	40.51	20.65	2.80	7.48	85.63	9.13	7.48	3.17	0.99	0.92		2.80	
31		5.92		3.45	390.78		7.48		0.99	0.92		2.80	
Total	97.05	2954.60	284.78	112.95	628.58	554.51	2025.63	184.10	36.59	28.80	26.68	40.89	6975.16 Ton/day
Mean	3.23	95.31	9.49	3.64	20.28	18.48	65.34	6.14	1.18	0.93	0.92	1.32	Ton/day
Max	40.51	771.92	37.14	11.74	390.78	168.77	507.44	15.16	3.17	0.99	0.92	2.80	771.92 Ton/day
Min	0.71	0.99	2.80	0.99	0.99	3.74	7.48	3.17	0.99	0.92	0.92	0.92	0.71 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	22		
R-Square	0.7267		
Remarks	Continued Sediment Station		

$$QS = 0.4099 QW^{1.81490}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	60.69	485.99	826.26	826.26	180.81	1175.00	862.17	194.19	167.85	31.82	96.75	40.13	
2	88.27	355.77	656.43	656.43	316.45	936.30	485.99	167.85	167.85	28.99	194.19	49.29	
3	81.75	562.99	593.48	533.40	624.70	1013.16	335.85	283.39	158.01	31.82	112.88	54.19	
4	81.75	593.48	756.27	397.15	533.40	756.27	283.39	1650.66	158.01	18.88	89.11	54.19	
5	81.75	1259.93	826.26	355.77	376.21	1306.31	355.77	1974.41	139.15	21.22	64.60	49.29	
6	91.62	2146.16	936.30	251.99	397.15	1498.75	1175.00	936.30	148.45	23.69	49.29	44.61	
7	91.62	1013.16	1259.93	283.39	299.72	3123.41	1974.41	485.99	158.01	23.69	64.60	49.29	
8	78.57	790.80	689.08	397.15	236.91	2777.25	1918.82	397.15	158.01	21.22	49.29	89.11	
9	52.53	936.30	593.48	335.85	355.77	1259.93	1175.00	335.85	148.45	16.66	31.82	104.68	
10	57.91	862.17	562.99	251.99	440.56	790.80	1092.73	283.39	130.12	12.59	44.61	104.68	
11	75.44	1353.17	440.56	222.25	440.56	509.44	1259.93	251.99	104.68	12.59	49.29	104.68	
12	81.75	1133.66	485.99	194.19	335.85	533.40	1259.93	208.01	75.83	18.88	35.87	104.68	
13	88.27	1306.31	899.01	167.85	251.99	936.30	899.01	180.81	54.19	16.66	18.88	96.75	
14	91.62	2204.61	1092.73	194.19	222.25	1052.74	826.26	194.19	75.83	18.88	26.28	59.29	
15	107.38	2845.18	1052.74	167.85	167.85	936.30	899.01	208.01	130.12	18.88	31.82	59.29	
16	107.38	1650.66	790.80	208.01	180.81	1092.73	1175.00	267.48	139.15	23.69	44.61	64.60	
17	88.27	1092.73	826.26	167.85	533.40	862.17	1217.27	283.39	139.15	49.29	54.19	28.99	
18	91.62	1217.27	722.21	167.85	397.15	593.48	1133.66	251.99	121.36	49.29	49.29	23.69	
19	107.38	1353.17	722.21	158.01	376.21	463.02	756.27	299.72	121.36	44.61	35.87	18.88	
20	81.75	1306.31	826.26	167.85	299.72	1175.00	593.48	251.99	121.36	40.13	18.88	31.82	
21	78.57	1092.73	974.51	222.25	267.48	1548.55	656.43	283.39	130.12	44.61	16.66	35.87	
22	72.38	790.80	862.17	283.39	335.85	790.80	624.70	397.15	167.85	35.87	28.99	64.60	
23	63.53	624.70	562.99	251.99	440.56	397.15	509.44	335.85	158.01	28.99	31.82	75.83	
24	55.19	463.02	485.99	376.21	722.21	299.72	376.21	299.72	148.45	31.82	31.82	112.88	
25	44.91	418.60	440.56	418.60	974.51	267.48	299.72	283.39	89.11	44.61	35.87	96.75	
26	16.66	376.21	283.39	562.99	1133.66	283.39	267.48	222.25	54.19	75.83	31.82	75.83	
27	47.39	376.21	397.15	316.45	1401.05	485.99	251.99	194.19	44.61	70.12	54.19	75.83	
28	862.17	299.72	2449.82	236.91	1052.74	936.30	222.25	180.81	54.19	64.60	49.29	70.12	
29	756.27	283.39	2323.96	251.99	1013.16	1650.66	180.81	180.81	54.19	54.19	28.99	35.87	
30	533.40	335.85	1052.74	251.99	1052.74	1863.61	167.85	167.85	44.61	59.29		44.61	
31		485.99		208.01	1306.31		167.85		49.29	64.60		59.29	
Total	4217.79	30017.04	25392.53	9486.06	16667.74	31315.41	23403.68	11652.17	3611.56	1098.01	1471.57	1979.61	160313.17 Ton/day
Mean	140.59	968.29	846.42	306.00	537.67	1043.85	754.96	388.41	116.50	35.42	50.74	63.86	Ton/day
Max	862.17	2845.18	2449.82	826.26	1401.05	3123.41	1974.41	1974.41	167.85	75.83	194.19	112.88	3123.41 Ton/day
Min	16.66	283.39	283.39	158.01	167.85	267.48	167.85	167.85	44.61	12.59	16.66	18.88	12.59 Ton/day

WATER YEAR : 2007

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.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH-59		
Period of Available Records	1992 - Cont'd		
Actual Measurement	1992 - Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	22		
R-Square	0.7398		
Remarks	Continued Sediment Station		

$$QS = 4.0019 QW^{1.47980}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.31	87.15	218.81	12.51	10.51	380.15	76.75	2.82	148.94	3.71	1.31	1.27	
2	1.35	81.90	186.69	4.73	46.69	298.29	6.86	2.41	141.73	3.26	1.39	1.19	
3	1.39	76.75	243.97	4.24	49.87	227.10	3.26	20.04	141.73	2.82	1.27	1.15	
4	1.43	127.65	308.17	4.24	49.87	194.56	2.41	592.84	148.94	2.41	1.23	1.11	
5	1.43	764.71	235.48	3.71	53.13	278.85	3.71	716.44	148.94	2.02	1.27	1.07	
6	1.52	700.58	423.43	4.24	21.96	1266.96	127.65	308.17	156.26	2.41	1.31	1.03	
7	1.52	148.94	348.71	109.19	12.51	1155.62	318.15	243.97	156.26	2.41	0.92	0.99	
8	1.56	114.95	127.65	49.87	6.86	434.48	148.94	171.26	156.26	1.61	0.88	0.92	
9	1.52	148.94	92.51	7.73	10.51	235.48	63.28	120.80	148.94	2.02	0.92	0.92	
10	1.43	227.10	56.45	2.82	49.87	81.90	269.99	92.51	148.94	2.02	0.96	0.88	
11	1.39	308.17	49.87	2.02	32.41	66.79	491.11	76.75	92.51	2.41	0.96	0.92	
12	1.52	243.97	71.71	1.61	18.17	156.26	288.52	71.71	25.98	2.41	1.07	0.88	
13	1.65	278.85	156.26	1.61	12.51	328.23	120.80	81.90	4.24	2.41	1.03	0.92	
14	1.70	607.87	390.83	2.02	2.41	156.26	71.71	103.53	4.24	2.02	1.19	0.92	
15	1.70	971.17	148.94	2.02	2.02	338.42	59.83	148.94	4.73	2.02	1.15	0.99	
16	1.65	669.20	71.71	1.61	3.71	252.55	171.26	210.63	4.73	2.02	1.11	0.99	
17	1.65	390.83	43.57	1.61	127.65	127.65	114.95	338.42	5.24	2.02	1.07	1.07	
18	1.65	479.61	53.13	1.27	4.73	46.69	87.15	227.10	5.24	2.82	1.03	1.11	
19	1.70	669.20	97.97	4.73	2.02	21.96	53.13	163.71	12.51	0.32	0.96	1.15	
20	1.65	505.26	134.63	20.04	5.24	18.17	30.21	23.95	21.96	1.07	0.92	0.99	
21	1.61	328.23	103.53	18.17	9.55	6.04	92.51	12.51	76.75	1.27	0.99	0.96	
22	1.61	252.55	40.52	21.96	23.95	3.26	46.69	390.83	148.94	1.23	1.03	0.92	
23	1.56	210.63	25.98	23.95	43.57	3.26	23.95	127.65	103.53	1.31	0.88	0.85	
24	1.52	178.92	18.17	25.98	43.57	2.82	3.26	92.51	97.97	1.35	1.03	0.85	
25	1.48	163.71	5.24	43.57	141.73	2.41	2.41	59.83	66.79	1.39	0.99	0.81	
26	1.61	156.26	6.04	43.57	434.48	4.24	1.27	97.97	56.45	1.35	0.92	0.78	
27	163.71	53.13	348.71	37.55	369.57	127.65	0.96	148.94	43.57	1.35	1.03	0.78	
28	210.63	13.55	1222.03	34.65	577.93	148.94	0.96	163.71	46.69	1.39	1.07	0.78	
29	156.26	81.90	505.26	21.96	989.14	1523.27	0.96	171.26	32.41	1.43	1.19	0.74	
30	109.19	163.71	92.51	30.21	638.30	227.10	0.81	156.26	4.24	1.31		0.81	
31		202.54		9.55	412.47		0.81		3.71	1.27		0.92	
Total	679.90	9407.93	5828.48	552.94	4206.91	8115.36	2684.26	5139.37	2359.37	58.86	31.08	29.67	39094.13 Tonday
Mean	22.66	303.48	194.28	17.84	135.71	270.51	86.59	171.31	76.11	1.90	1.07	0.96	Ton/day
Max	210.63	971.17	1222.03	109.19	989.14	1523.27	491.11	716.44	156.26	3.71	1.39	1.27	1523.27 Ton/day
Min	1.31	13.55	5.24	1.27	2.02	2.41	0.81	2.41	3.71	0.32	0.88	0.74	0.32 Ton/day

WATER YEAR : 2007**PING RIVER BASIN****Nam Mae Kuang at Tha Nang Bridge , Lamphun (P.5)**

Lat 18 - 34 - 32 N Long 99 - 00 - 44 E

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

	Ban Tha Nang	Amphoe Mueang	Changwat Lamphun
Drainage Area	1,569 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1992-Cont'd		
Actual Measurement	1992-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	34		
R-Square	0.9375		
Remarks	Continued Sediment Station		

$$QS = 1.3068 QW^{1.52450}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.83	27.86	27.86	128.19	142.94	238.15	228.66	27.86	16.90	4.11	16.90	0.29	
2	6.83	24.94	150.53	37.24	135.50	128.19	135.50	27.86	14.46	1.90	22.14	0.43	
3	6.83	34.01	63.32	37.24	93.81	81.13	75.02	52.32	12.16	4.96	16.90	0.48	
4	5.87	47.10	22.14	30.88	87.39	69.09	57.73	75.02	14.46	2.57	27.86	0.89	
5	7.84	277.40	34.01	27.86	81.13	75.02	87.39	87.39	14.46	7.84	34.01	1.11	
6	8.90	712.80	93.81	30.88	75.02	114.00	318.67	114.00	16.90	5.87	27.86	1.35	
7	8.90	850.22	87.39	47.10	47.10	166.09	597.83	107.12	12.16	6.83	24.94	1.11	
8	10.00	705.85	37.24	37.24	34.01	150.53	591.28	87.39	7.84	4.11	14.46	1.09	
9	5.87	597.83	27.86	37.24	75.02	142.94	433.04	63.32	5.87	5.87	12.16	1.31	
10	6.83	433.04	27.86	34.01	267.40	87.39	287.54	47.10	5.87	4.11	1.06	1.06	
11	8.90	462.72	16.90	30.88	329.29	81.13	238.15	42.07	6.83	7.84	0.95	0.95	
12	7.84	825.37	27.86	30.88	210.09	42.07	128.19	30.88	6.83	5.87	0.98	0.74	
13	10.00	1404.85	34.01	30.88	69.09	27.86	87.39	24.94	8.90	2.57	0.84	0.43	
14	10.00	1852.43	37.24	34.01	22.14	37.24	87.39	27.86	5.87	8.90	0.74	0.32	
15	6.83	1644.99	30.88	42.07	19.46	63.32	100.39	22.14	6.83	8.90	0.69	0.53	
16	7.84	1131.62	34.01	42.07	24.94	75.02	121.02	19.46	7.84	6.83	0.57	0.35	
17	12.16	817.14	37.24	52.32	107.12	135.50	158.24	22.14	3.31	6.83	0.28	0.60	
18	10.00	610.99	27.86	42.07	287.54	219.31	128.19	19.46	0.10	6.83	0.34	0.35	
19	7.84	664.62	30.88	37.24	462.72	462.72	63.32	24.94	0.00	6.83	0.93	0.35	
20	7.84	508.50	22.14	30.88	287.54	539.83	81.13	19.46	0.00	4.96	1.04	0.32	
21	7.84	210.09	24.94	42.07	135.50	624.25	34.01	27.86	0.01	7.84	1.11	0.35	
22	10.00	87.39	19.46	52.32	75.02	493.08	30.88	30.88	1.31	12.16	1.09	0.50	
23	10.00	52.32	19.46	34.01	87.39	238.15	34.01	34.01	1.90	22.14	1.06	0.79	
24	10.00	34.01	16.90	63.32	87.39	87.39	30.88	27.86	3.31	8.90	1.00	0.51	
25	7.84	19.46	24.94	87.39	93.81	47.10	24.94	22.14	3.31	10.00	0.88	0.60	
26	7.84	22.14	30.88	121.02	228.66	42.07	22.14	30.88	8.90	7.84	0.53	0.40	
27	10.00	10.00	75.02	114.00	219.31	318.67	16.90	30.88	8.90	5.87	0.21	0.32	
28	14.46	7.84	404.05	87.39	192.06	493.08	14.46	27.86	4.96	4.96	0.25	0.23	
29	16.90	10.00	308.17	114.00	93.81	340.03	19.46	27.86	3.31	5.87	0.10	0.22	
30	24.94	4.11	183.26	100.39	100.39	340.03	24.94	22.14	2.57	5.87		0.13	
31		2.57		121.02	219.31		22.14		1.31	6.83		0.07	
Total	283.77	14094.21	1978.12	1758.11	4391.90	5960.38	4280.83	1225.10	207.38	212.81	211.88	18.18	34622.67 Ton/day
Mean	9.46	454.65	65.94	56.71	141.67	198.68	138.09	40.84	6.69	6.86	7.31	0.59	Ton/day
Max	24.94	1852.43	404.05	128.19	462.72	624.25	597.83	114.00	16.90	22.14	34.01	1.35	1852.43 Ton/day
Min	5.87	2.57	16.90	27.86	19.46	27.86	14.46	19.46	0.00	1.90	0.10	0.07	0.00 Ton/day

WATER YEAR : 2007

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
Drainge Area	45,297 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	2007		
Number of observation	24		
R-Square	0.7636		
Remarks	Continued Sediment Station		

QS = 2.2852 QW^{1.25950}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3044.94	1658.53	1507.91	6625.87	3543.31	3319.90	3099.54	1360.33	1155.46	2687.02	3543.31	3209.33	
2	3044.94	2886.12	2014.70	6329.75	3769.67	4056.60	3769.67	1396.93	1095.58	3656.13	3883.92	2687.02	
3	1812.03	2836.07	1928.95	5492.99	2990.54	5026.35	3319.90	1287.74	1065.89	2836.07	3543.31	2736.52	
4	2490.92	3044.94	2014.70	5358.79	3209.33	6774.97	3154.33	1433.73	1036.37	2490.92	3712.81	2297.95	
5	2687.02	3656.13	1773.39	4183.39	2786.20	6403.51	3431.23	1287.74	1065.89	2108.26	2990.54	2786.20	
6	2836.07	3826.71	2202.68	3826.71	2345.89	6182.74	3044.94	1065.89	1323.93	2990.54	3883.92	2490.92	
7	2250.21	5291.96	3154.33	4698.38	1968.25	6625.87	3154.33	834.72	1470.72	4056.60	3599.63	2490.92	
8	2936.35	4698.38	3375.47	6036.45	2588.59	7226.31	3826.71	1185.64	1928.95	4119.89	3099.54	3044.94	
9	1889.81	5425.80	2990.54	5358.79	2202.68	7683.54	4894.62	1251.75	2202.68	4247.08	4056.60	2539.66	
10	1889.81	6477.46	3543.31	4698.38	2490.92	6036.45	4247.08	1125.43	2394.03	3998.87	3319.90	2886.12	
11	2061.37	7150.67	4375.06	6109.50	2786.20	4119.89	3826.71	1125.43	2442.37	4633.34	3154.33	2394.03	
12	1968.25	7226.31	4568.48	5899.60	3209.33	4119.89	5158.80	1036.37	1696.64	3769.67	3375.47	2539.66	
13	2442.37	7914.29	3599.63	5291.96	3099.54	3769.67	7914.29	977.84	2345.89	4439.34	3209.33	3826.71	
14	2490.92	9931.41	3712.81	4829.02	2637.71	4119.89	11981.60	669.48	3044.94	2786.20	3543.31	4247.08	
15	3264.52	8386.21	3769.67	4763.61	3099.54	3431.23	25339.69	891.41	2990.54	2297.95	3431.23	4056.60	
16	2108.26	10901.26	4375.06	4568.48	4056.60	2990.54	32902.40	834.72	4375.06	3209.33	3656.13	4056.60	
17	2687.02	12780.23	3599.63	3543.31	2936.35	3487.18	32755.53	891.41	3264.52	2936.35	3769.67	3431.23	
18	1889.81	11981.60	3487.18	4056.60	2990.54	3044.94	32902.40	834.72	2786.20	3599.63	3375.47	3712.81	
19	2250.21	12679.82	3543.31	4698.38	3998.87	3209.33	28882.79	891.41	2588.59	4310.97	3209.33	3209.33	
20	2588.59	11586.32	4568.48	4894.62	5026.35	4568.48	20986.56	977.84	2637.71	3375.47	3431.23	3375.47	
21	2442.37	8301.97	6477.46	5763.40	3487.18	6999.89	16180.80	778.81	2836.07	3487.18	3826.71	3599.63	
22	3319.90	5695.54	6999.89	6036.45	2442.37	12780.23	11586.32	1155.46	3154.33	2539.66	3487.18	3487.18	
23	2736.52	5092.49	6774.97	5425.80	2061.37	19103.12	8724.89	1007.02	4056.60	2836.07	3543.31	3543.31	
24	1773.39	3487.18	5627.86	4183.39	3044.94	15133.05	6477.46	1396.93	4829.02	4183.39	3712.81	3319.90	
25	1889.81	2687.02	5225.29	5627.86	3319.90	12579.58	4894.62	1968.25	3941.31	3264.52	3154.33	3154.33	
26	2202.68	1928.95	3599.63	5358.79	2637.71	8146.44	3941.31	2736.52	3375.47	3599.63	3099.54	3264.52	
27	2061.37	1620.60	3712.81	5627.86	2539.66	5627.86	3209.33	3099.54	3375.47	3543.31	3319.90	3487.18	
28	1889.81	1360.33	5831.41	5492.99	2442.37	4247.08	2394.03	2394.03	4698.38	3712.81	3044.94	3431.23	
29	2061.37	1215.98	5358.79	6109.50	2687.02	3826.71	1928.95	2736.52	4119.89	2687.02	2637.71	3487.18	
30	1850.83	1287.74	5695.54	5899.60	2442.37	3656.13	1470.72	1323.93	4375.06	3941.31		3431.23	
31		1507.91		4568.48	2490.92		1251.75		4056.60	3883.92		3998.87	
Total	70861.47	174525.93	119408.94	161358.70	91332.22	188297.37	300653.30	39957.54	85730.16	106228.45	99615.41	100223.66	1538193.15
Mean	2362.05	5629.87	3980.30	5205.12	2946.20	6276.58	9698.49	1331.92	2765.49	3426.72	3435.01	3233.02	
Max	3319.90	12780.23	6999.89	6625.87	5026.35	19103.12	32902.40	3099.54	4829.02	4633.34	4056.60	4247.08	32902.40
Min	1773.39	1215.98	1507.91	3543.31	1968.25	2990.54	1251.75	669.48	1036.37	2108.26	2637.71	2297.95	669.48

WATER YEAR : 2007

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	2007		
Number of observation	34		
R-Square	0.9540		
Remarks	Continued Sediment Station		

$$QS = 15.8930 QW^{0.94400}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.69	19.17	222.85	79.32	47.09	98.96	108.09	88.15	57.43	30.29	50.04	27.25	
2	6.38	17.09	93.56	73.99	127.80	91.67	95.32	84.62	57.43	28.26	104.47	27.25	
3	5.58	15.74	81.09	89.91	102.59	88.15	82.86	98.96	57.43	27.25	41.58	21.10	
4	5.58	19.17	111.70	106.21	73.99	79.32	82.86	170.90	57.43	26.23	36.46	23.16	
5	5.26	160.45	131.91	72.48	115.30	243.07	79.32	129.92	55.90	28.26	33.88	23.16	
6	5.58	150.36	100.84	61.87	77.54	256.45	134.03	102.59	55.90	31.30	32.59	20.51	
7	5.90	66.43	95.32	91.67	67.95	247.53	170.90	91.67	52.98	29.28	31.30	17.84	
8	6.38	81.09	70.97	70.97	54.51	131.91	131.91	104.47	51.58	27.25	26.23	16.49	
9	6.69	118.90	70.97	69.46	177.67	100.84	109.83	82.86	51.58	28.26	23.16	15.74	
10	6.38	120.63	60.35	64.91	102.59	84.62	280.30	82.86	50.04	28.26	19.77	15.14	
11	7.48	154.43	37.75	51.58	117.04	77.54	273.08	77.54	47.09	29.28	20.51	13.94	
12	15.14	136.01	37.75	36.46	89.91	108.09	162.54	75.77	48.63	28.26	20.51	13.94	
13	16.49	136.01	124.22	31.30	64.91	202.66	129.92	73.99	44.13	31.30	19.77	13.03	
14	16.49	309.19	75.77	28.26	58.82	175.45	136.01	73.99	42.86	31.30	20.51	12.11	
15	18.43	294.70	97.21	29.28	36.46	162.54	175.45	72.48	39.03	31.30	24.18	12.11	
16	17.09	177.67	66.43	33.88	51.58	156.39	231.82	72.48	37.75	28.26	28.26	13.94	
17	15.74	109.83	61.87	31.30	191.29	118.90	164.50	67.95	37.75	26.23	33.88	14.39	
18	15.14	218.36	58.82	29.28	95.32	108.09	173.11	60.35	39.03	28.26	20.51	13.03	
19	14.39	175.45	39.03	32.59	67.95	97.21	118.90	58.82	36.46	25.21	20.51	12.11	
20	17.09	148.26	91.67	35.17	67.95	514.39	102.59	63.39	33.88	24.18	20.51	14.39	
21	15.74	111.70	89.91	36.46	63.39	299.49	104.47	88.15	36.46	23.16	21.10	15.74	
22	13.94	88.15	81.09	54.51	88.15	154.43	97.21	115.30	36.46	24.18	21.10	17.09	
23	12.57	72.48	55.90	51.58	111.70	122.49	91.67	79.32	32.59	21.10	20.51	20.51	
24	10.28	60.35	36.46	98.96	118.90	97.21	88.15	73.99	31.30	23.16	19.77	20.51	
25	9.04	54.51	28.26	152.33	158.49	86.39	84.62	69.46	30.29	23.16	17.84	15.74	
26	9.81	42.86	25.21	118.90	127.80	88.15	81.09	66.43	27.25	22.13	17.09	15.14	
27	17.84	41.58	207.17	67.95	104.47	142.21	79.32	66.43	26.23	24.18	16.49	13.94	
28	28.26	33.88	390.75	63.39	75.77	136.01	77.54	64.91	26.23	40.31	15.74	12.57	
29	26.23	36.46	170.90	75.77	69.46	164.50	75.77	60.35	28.26	42.86	15.74	13.03	
30	21.10	44.13	102.59	54.51	93.56	158.49	73.99	60.35	29.28	30.29		12.57	
31		40.31		64.91	88.15		72.48		30.29	28.26		26.23	
Total	378.71	3255.35	2918.32	1959.16	2888.10	4593.15	3869.65	2478.45	1288.95	871.01	794.01	523.70	25818.56 Ton/day
Mean	12.62	105.01	97.28	63.20	93.16	153.10	124.83	82.61	41.58	28.10	27.38	16.89	Ton/day
Max	28.26	309.19	390.75	152.33	191.29	514.39	280.30	170.90	57.43	42.86	104.47	27.25	514.39 Ton/day
Min	5.26	15.74	25.21	28.26	36.46	77.54	72.48	58.82	26.23	21.10	15.74	12.11	5.26 Ton/day

WATER YEAR : 2007

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.		
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	2007		
Number of observation	19		
R-Square	0.7531		
Remarks	Continued Sediment Station		

$$QS = 9.9339 QW^{1.04950}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.12	33.12	107.48	78.18	161.57	93.64	83.93	55.60	26.64	8.48	53.79	3.60	
2	2.12	23.05	83.93	50.07	371.07	119.41	70.61	61.26	24.24	8.48	80.13	3.60	
3	2.12	17.77	50.07	41.44	243.15	109.46	59.33	368.47	21.86	7.86	34.78	3.60	
4	2.12	15.20	36.44	41.44	105.50	89.71	63.08	326.68	21.86	7.24	17.77	3.60	
5	2.12	131.39	38.10	34.78	65.02	169.91	68.78	157.53	20.67	7.24	11.82	3.60	
6	3.30	163.59	113.44	30.26	34.78	296.14	165.62	111.45	17.77	7.24	11.82	3.60	
7	3.00	91.67	87.74	29.05	25.44	298.58	200.06	93.64	16.91	7.24	9.10	3.60	
8	3.00	68.78	48.16	26.64	31.47	182.80	147.45	83.93	16.06	7.86	7.86	3.60	
9	2.12	115.42	81.97	24.24	178.50	127.39	107.48	76.34	15.20	8.48	7.24	3.60	
10	1.83	121.40	51.87	19.48	91.67	105.50	113.44	68.78	14.35	8.48	6.01	3.60	
11	3.00	83.93	34.78	16.91	63.08	97.59	115.42	63.08	14.35	8.48	5.41	3.60	
12	3.00	57.52	31.47	15.20	44.79	109.46	97.59	63.08	12.66	7.86	4.80	3.60	
13	3.00	113.44	25.44	12.66	34.78	99.56	99.56	55.60	10.35	8.48	4.80	3.60	
14	3.00	133.40	53.79	13.51	30.26	91.67	80.13	55.60	10.35	8.48	4.50	2.71	
15	3.00	163.59	43.12	18.62	24.24	80.13	97.59	53.79	9.73	7.86	4.20	2.42	
16	5.41	111.45	26.64	24.24	29.05	78.18	155.51	48.16	9.73	7.24	4.20	2.42	
17	5.41	68.78	18.62	24.24	117.42	70.61	169.91	43.12	9.73	7.24	4.20	2.42	
18	5.41	135.40	19.48	19.48	492.61	57.52	133.40	38.10	9.73	7.24	4.20	2.42	
19	5.41	137.40	53.79	17.77	313.78	55.60	103.52	39.77	9.73	7.86	4.20	2.42	
20	4.80	133.40	109.46	19.48	129.39	80.13	85.78	43.12	9.73	7.24	4.20	2.42	
21	4.80	99.56	74.39	23.05	93.64	78.18	81.97	50.07	9.73	6.63	4.20	2.42	
22	4.20	76.34	39.77	33.12	80.13	61.26	78.18	39.77	7.86	6.63	4.20	2.12	
23	4.20	53.79	21.86	36.44	342.18	46.47	70.61	34.78	7.24	6.63	4.20	2.12	
24	4.20	39.77	16.91	39.77	381.71	41.44	61.26	31.47	7.24	6.63	3.60	1.83	
25	4.20	39.77	13.51	125.39	368.47	38.10	51.87	31.47	6.63	6.63	3.60	1.83	
26	6.01	105.50	23.05	125.39	316.36	34.78	48.16	31.47	6.63	6.63	3.30	1.83	
27	24.24	103.52	227.05	74.39	182.80	117.42	48.16	30.26	6.63	7.24	3.30	1.83	
28	38.10	59.33	413.97	43.12	129.39	137.40	48.16	30.26	6.63	8.48	3.30	1.83	
29	97.59	61.26	176.35	29.05	107.48	117.42	44.79	30.26	6.01	12.66	3.30	1.83	
30	65.02	250.06	97.59	25.44	113.44	105.50	44.79	29.05	6.01	13.51		2.12	
31		137.40		57.52	101.54		44.79		6.63	10.98		2.12	
Total	317.85	2946.00	2220.24	1170.37	4804.71	3190.96	2840.93	2245.96	378.89	249.23	318.03	85.91	20769.08 Ton/day
Mean	10.60	95.03	74.01	37.75	154.99	106.37	91.64	74.87	12.22	8.04	10.97	2.77	Ton/day
Max	97.59	250.06	413.97	125.39	492.61	298.58	200.06	368.47	26.64	13.51	80.13	3.60	492.61 Ton/day
Min	1.83	15.20	13.51	12.66	24.24	34.78	44.79	29.05	6.01	6.63	3.30	1.83	1.83 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	22		
R-Square	0.9886		
Remarks	Continued Sediment Station		

QS = 2.7436 QW^{1.30540}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.46	157.91	2211.00	2376.94	1473.41	2986.21	8274.19	1253.08	742.51	121.99	490.07	77.52		
2	2.46	178.54	3026.72	2180.20	1473.41	3948.83	5061.46	1226.13	695.07	98.22	447.16	77.52		
3	2.60	115.93	1586.62	1529.77	1501.53	2803.67	3108.14	1445.42	695.07	98.22	533.89	77.52		
4	2.60	189.08	2058.02	1389.81	1558.13	2659.61	2342.14	1701.75	695.07	70.32	479.26	77.52		
5	2.46	478.06	1818.74	1015.68	1307.37	2307.46	2211.00	4474.83	695.07	44.83	358.60	77.52		
6	2.46	3948.83	2803.67	889.04	1093.51	2552.74	5805.83	3819.77	648.38	38.07	271.75	77.52		
7	2.60	7262.54	3067.37	718.70	1041.48	2949.48	10385.19	2731.41	603.73	38.07	215.52	81.77		
8	2.60	5477.24	2446.91	839.52	1041.48	4253.80	8583.59	1997.55	561.09	34.79	222.50	77.52		
9	2.74	6670.75	1701.75	990.04	1093.51	3190.05	7212.77	1473.41	478.06	34.79	263.38	81.77		
10	2.32	6043.26	1280.16	1093.51	2876.36	2949.48	5523.90	1445.42	417.90	34.79	188.11	126.36		
11	1.66	5199.20	1253.08	964.56	3149.03	1615.23	7163.09	1417.55	285.47	38.07	131.03	126.36		
12	48.30	5384.18	1334.72	742.51	2949.48	1501.53	9105.09	1307.37	285.47	32.22	126.36	131.03		
13	51.84	7713.96	1501.53	478.06	1967.48	1907.66	6186.77	1226.13	285.47	32.22	121.73	126.36		
14	44.83	10547.93	1445.42	437.74	1848.27	2411.87	7562.78	1199.33	303.65	32.22	121.73	121.73		
15	41.42	15566.15	1701.75	398.28	839.52	2623.87	5664.46	1199.33	303.65	32.22	121.73	121.73		
16	55.43	11926.60	1280.16	285.47	742.51	2839.96	6043.26	1199.33	303.65	27.22	81.77	112.51		
17	66.52	9052.61	964.56	221.50	742.51	2623.87	6719.61	1253.08	267.56	32.22	69.33	73.40		
18	81.22	7967.47	1119.75	232.57	2912.87	2659.61	6186.77	1253.08	267.56	17.86	77.52	65.24		
19	86.80	7613.09	1119.75	267.56	1445.42	8120.49	4386.11	1041.48	249.92	17.86	77.52	11.51		
20	98.22	6427.69	1119.75	232.57	1730.83	10602.31	3355.37	1041.48	249.92	17.86	90.27	4.66		
21	98.22	4698.45	1417.55	561.09	1473.41	20617.28	2731.41	1041.48	232.57	140.58	81.77	19.54		
22	81.22	3397.00	1389.81	603.73	1473.41	12602.14	2376.94	1119.75	199.75	121.73	73.40	17.86		
23	86.80	3026.72	1362.20	561.09	1389.81	8480.16	2272.90	1529.77	199.75	121.73	77.52	16.21		
24	75.72	1937.51	864.20	648.38	1501.53	4879.17	1789.32	1586.62	199.75	121.73	81.77	17.86		
25	70.32	1445.42	790.67	1307.37	2552.74	2876.36	1615.23	1473.41	199.75	131.03	77.52	42.30		
26	48.30	1172.66	695.07	1586.62	2272.90	2149.50	1529.77	1226.13	199.75	121.73	77.52	69.33		
27	38.07	990.04	766.50	1586.62	2517.35	2058.02	1417.55	1093.51	199.75	121.73	77.52	77.52		
28	13.56	964.56	2517.35	1093.51	2659.61	3313.86	1334.72	1067.42	189.08	131.03	77.52	69.33		
29	55.43	815.01	6091.01	1015.68	2659.61	7412.30	1226.13	790.67	178.54	131.03	77.52	69.33		
30	70.32	964.56	3734.29	1307.37	2623.87	9686.91	1146.13	742.51	137.88	131.03		69.33		
31		1253.08		1473.41	2695.45		1093.51		121.99	131.03		57.39		
Total	1239.50	#####	54470.08	29028.90	56607.80	141583.43	139415.13	45378.20	11092.83	2298.44	5191.29	2253.07	627144.70	Ton/day
Mean	41.32	4470.52	1815.67	936.42	1826.06	4719.45	4497.26	1512.61	357.83	74.14	179.01	72.68		Ton/day
Max	98.22	15566.15	6091.01	2376.94	3149.03	20617.28	10385.19	4474.83	742.51	140.58	533.89	131.03	20617.28	Ton/day
Min	1.66	115.93	695.07	221.50	742.51	1501.53	1093.51	742.51	121.99	17.86	69.33	4.66	1.66	Ton/day

WATER YEAR : 2007

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.		
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	2001-2007		
Number of observation	162		
R-Square	0.7648		
Remarks	Continued Sediment Station		

$$QS = 0.8535 QW^{1.66110}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	88.96	47.21	143.38	472.22	44.45	179.19	166.29	76.36	41.74	17.30	127.10	62.03	
2	88.96	58.94	166.29	259.73	179.19	192.48	132.44	84.67	39.11	15.11	127.10	62.03	
3	84.67	55.91	160.44	148.98	179.19	148.98	111.61	436.02	36.93	11.08	106.92	55.91	
4	80.48	52.95	160.44	154.67	137.87	121.85	88.96	831.93	36.93	13.03	88.96	52.95	
5	93.32	185.79	160.44	127.10	127.10	332.03	80.48	382.13	34.79	14.05	21.32	52.95	
6	88.96	227.33	206.14	121.85	97.77	847.34	548.01	192.48	34.79	13.03	16.19	52.95	
7	84.67	106.92	251.23	84.67	80.48	862.87	1178.64	166.29	32.71	11.08	15.11	52.95	
8	84.67	143.38	192.48	127.10	68.40	402.95	669.95	137.87	32.71	13.03	15.11	55.91	
9	88.96	213.11	227.33	93.32	84.67	206.14	361.75	97.77	32.71	13.03	14.05	55.91	
10	143.38	285.91	166.29	72.34	102.30	172.69	294.85	88.96	23.08	17.30	12.04	55.91	
11	137.87	313.07	154.67	76.36	84.67	160.44	322.34	93.32	18.44	47.21	7.37	55.91	
12	137.87	220.17	361.75	76.36	80.48	268.35	220.17	80.48	18.44	34.79	5.65	55.91	
13	137.87	285.91	371.89	76.36	76.36	179.19	213.11	76.36	23.08	34.79	47.21	55.91	
14	154.67	484.54	382.13	76.36	72.34	154.67	199.26	68.40	121.85	30.68	52.95	55.91	
15	148.98	382.13	351.73	76.36	68.40	172.69	227.33	68.40	121.85	28.70	52.95	52.95	
16	88.96	285.91	351.73	80.48	62.03	148.98	285.91	65.18	116.69	58.94	55.91	52.95	
17	88.96	192.48	351.73	80.48	55.91	121.85	424.21	65.18	106.92	65.18	58.94	52.95	
18	84.67	259.73	332.03	68.40	68.40	121.85	332.03	154.67	88.96	68.40	55.91	41.74	
19	47.21	251.23	361.75	62.03	127.10	127.10	268.35	148.98	93.32	72.34	52.95	39.11	
20	47.21	259.73	447.96	65.18	76.36	116.69	251.23	137.87	84.67	72.34	9.26	39.11	
21	52.95	206.14	402.95	76.36	65.18	106.92	251.23	148.98	80.48	65.18	9.26	41.74	
22	44.45	166.29	392.49	80.48	68.40	84.67	227.33	192.48	80.48	11.08	7.98	41.74	
23	41.74	132.44	361.75	88.96	102.30	72.34	172.69	179.19	76.36	10.15	7.98	44.45	
24	34.79	121.85	332.03	47.21	371.89	65.18	127.10	154.67	50.05	9.26	5.65	39.11	
25	26.77	111.61	172.69	68.40	402.95	65.18	116.69	65.18	17.30	10.15	4.61	36.93	
26	30.68	116.69	41.74	65.18	382.13	76.36	102.30	55.91	16.19	9.26	19.61	36.93	
27	62.03	121.85	72.34	44.45	361.75	88.96	97.77	47.21	15.11	11.08	52.95	41.74	
28	62.03	121.85	436.02	36.93	227.33	242.85	97.77	47.21	15.11	13.03	55.91	41.74	
29	55.91	116.69	220.17	34.79	192.48	522.25	88.96	47.21	19.61	68.40	55.91	72.34	
30	62.03	116.69	509.55	36.93	185.79	371.89	80.48	44.45	19.61	80.48		80.48	
31		121.85		39.11	285.91		76.36		18.44	76.36		80.48	
Total	2474.68	5766.30	8243.56	3019.15	4519.58	6734.93	7815.60	4435.81	1548.46	1015.84	1162.86	1619.63	48356.40 Tonday
Mean	82.49	186.01	274.79	97.39	145.79	224.50	252.12	147.86	49.95	32.77	40.10	52.25	Ton/day
Max	154.67	484.54	509.55	472.22	402.95	862.87	1178.64	831.93	121.85	80.48	127.10	80.48	1178.64 Ton/day
Min	26.77	47.21	41.74	34.79	44.45	65.18	76.36	44.45	15.11	9.26	4.61	36.93	4.61 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	34		
R-Square	0.9530		
Remarks	Continued Sediment Station		

$$QS = 6.6050 QW^{1.09680}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.89	7.70	197.95	27.74	216.80	227.47	655.59	51.29	23.65	7.33	5.53	3.43	
2	1.89	5.88	150.77	20.11	150.77	234.61	301.70	55.47	22.04	8.07	6.24	4.47	
3	1.76	20.11	227.47	15.14	66.75	129.52	223.91	54.07	21.39	8.44	9.55	5.53	
4	1.63	37.24	161.50	15.68	51.29	134.81	102.66	52.68	20.11	7.33	14.05	5.53	
5	1.76	47.14	93.47	13.51	34.21	183.33	619.80	54.07	17.57	6.60	10.83	4.47	
6	1.76	667.55	71.74	26.92	59.68	156.12	1908.01	49.90	17.57	6.97	9.93	3.77	
7	1.63	403.54	98.97	16.31	30.21	166.88	802.04	43.02	17.57	5.53	7.33	3.77	
8	1.76	619.80	95.30	12.97	24.47	189.16	477.00	43.02	17.57	5.17	4.12	3.09	
9	1.76	382.76	87.99	11.90	20.11	77.13	363.11	41.65	16.31	6.60	3.77	2.82	
10	1.76	253.34	78.93	11.36	372.41	58.27	387.95	38.25	14.05	6.97	2.95	3.43	
11	1.63	134.81	56.87	13.51	387.95	37.24	450.64	38.25	16.31	6.97	2.68	4.12	
12	1.63	227.47	40.29	12.43	106.73	80.73	387.95	38.25	16.94	6.24	3.77	4.12	
13	1.63	556.82	45.76	11.36	84.35	98.97	434.89	38.25	16.94	5.17	4.12	3.77	
14	1.63	655.59	44.39	6.97	43.02	69.96	519.43	39.27	17.57	4.12	3.43	3.77	
15	1.63	530.09	32.21	5.88	26.92	73.53	403.54	41.65	24.47	4.12	2.95	3.43	
16	1.63	387.95	22.04	8.07	36.23	120.13	535.43	55.47	8.81	4.82	2.95	3.77	
17	1.76	234.61	20.11	7.70	30.21	158.81	330.23	32.21	16.31	5.17	2.82	3.43	
18	1.51	206.77	29.39	7.70	35.22	322.06	297.64	38.25	12.43	4.47	2.55	3.77	
19	1.89	203.82	40.29	7.70	24.47	367.24	220.35	37.24	7.70	4.12	2.15	2.68	
20	2.02	150.77	39.27	8.07	21.39	918.94	129.52	36.23	6.24	4.47	2.02	2.55	
21	1.63	126.89	31.21	8.81	122.38	1106.41	142.77	36.23	5.53	4.12	1.89	2.42	
22	1.38	102.66	23.65	9.93	65.33	1133.76	106.73	40.29	8.81	4.12	2.02	2.68	
23	1.25	84.35	17.57	12.43	66.75	503.48	100.81	38.25	9.55	4.47	2.95	2.55	
24	1.25	48.52	10.83	15.14	66.75	289.54	66.75	80.73	10.30	4.12	2.95	2.68	
25	1.38	44.39	9.93	20.75	58.27	192.09	77.13	44.39	9.18	4.12	2.68	2.42	
26	1.25	41.65	12.97	22.85	97.13	102.66	73.53	28.56	8.81	4.12	2.29	2.55	
27	1.63	31.21	29.39	32.21	82.54	61.09	61.09	23.65	8.07	4.12	2.42	2.42	
28	2.02	26.10	126.89	36.23	61.09	164.19	59.68	25.28	7.33	4.12	2.55	2.15	
29	2.02	48.52	55.47	43.02	45.76	350.75	56.87	28.56	7.33	4.82	2.95	1.89	
30	10.83	39.27	38.25	87.99	115.65	1106.41	54.07	27.74	7.33	5.53		1.89	
31		36.23		126.89	445.38		49.90		6.97	5.53		2.02	
Total	59.20	6363.55	1990.87	677.28	3050.22	8815.29	10400.72	1252.17	420.76	167.87	126.44	101.39	33425.76 Ton/day
Mean	1.97	205.28	66.36	21.85	98.39	293.84	335.51	41.74	13.57	5.42	4.36	3.27	Ton/day
Max	10.83	667.55	227.47	126.89	445.38	1133.76	1908.01	80.73	24.47	8.44	14.05	5.53	1908.01 Ton/day
Min	1.25	5.88	9.93	5.88	20.11	37.24	49.90	23.65	5.53	4.12	1.89	1.89	1.25 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	21		
R-Square	0.7816		
Remarks	Continued Sediment Station		

$$QS = 4.7830 QW^{1.08690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.50	1.53	7.43	21.58	16.93	14.65	23.94	9.06	6.89	3.25	3.25	3.25	
2	2.50	1.53	7.43	9.61	33.53	12.39	23.94	9.06	6.89	3.25	3.25	3.25	
3	2.50	1.53	6.89	14.65	10.16	21.58	26.31	9.06	6.89	3.25	3.25	2.99	
4	2.25	2.01	7.43	40.88	19.25	14.65	21.58	9.06	6.89	3.25	3.25	2.99	
5	2.25	2.25	50.85	19.25	38.42	10.16	23.94	9.06	6.89	2.99	3.25	2.99	
6	2.25	2.50	33.53	9.61	21.58	19.25	66.08	9.06	6.89	2.99	3.25	2.99	
7	2.25	2.25	19.25	9.06	10.16	14.65	58.43	9.06	6.89	2.99	3.25	2.99	
8	2.25	2.75	8.51	9.06	8.51	9.06	114.69	9.06	6.89	2.99	3.25	2.99	
9	2.25	2.50	6.89	8.51	26.31	8.51	60.97	9.06	6.89	3.25	3.25	2.99	
10	2.01	7.43	6.36	5.31	43.36	7.97	50.85	9.06	6.89	3.25	3.25	2.99	
11	2.01	7.43	5.31	4.52	23.94	6.89	43.36	8.51	6.89	3.25	3.25	2.99	
12	2.01	19.25	4.52	3.50	16.93	6.36	55.89	8.51	6.36	3.25	3.25	2.99	
13	2.01	16.93	4.27	3.50	10.16	7.97	35.97	7.97	6.36	3.25	3.25	2.99	
14	2.01	143.10	4.27	3.25	7.97	7.43	33.53	7.97	5.83	3.25	3.25	2.99	
15	2.01	53.36	4.01	3.75	6.89	7.97	40.88	7.97	5.83	2.99	3.25	2.99	
16	2.01	53.36	4.01	3.75	5.83	14.65	31.11	7.97	5.31	2.99	3.25	2.99	
17	2.01	31.11	4.01	3.25	26.31	10.16	28.70	7.97	4.78	2.99	3.25	2.99	
18	2.01	66.08	4.01	3.50	28.70	23.94	21.58	7.97	4.78	2.99	3.25	2.99	
19	2.01	143.10	4.01	3.75	19.25	240.78	23.94	7.43	4.78	3.50	3.25	2.99	
20	2.01	134.93	4.01	3.75	9.61	257.90	23.94	6.89	4.52	3.50	3.25	2.99	
21	2.01	45.84	4.01	3.75	7.97	147.20	14.65	7.43	4.27	3.50	3.25	2.99	
22	2.01	28.70	4.27	3.75	7.43	76.41	12.39	7.43	4.27	3.50	3.25	2.99	
23	1.77	19.25	4.27	4.27	6.36	53.36	9.61	7.43	4.27	3.50	3.25	2.99	
24	1.77	12.39	4.27	28.70	14.65	38.42	9.61	7.43	4.01	3.25	3.25	2.99	
25	1.77	8.51	4.01	10.16	12.39	28.70	9.06	7.43	4.01	3.25	3.25	2.99	
26	1.77	8.51	4.27	6.89	10.16	23.94	8.51	7.43	4.01	3.25	3.25	2.99	
27	1.77	6.89	71.23	6.36	9.06	38.42	7.97	7.43	3.75	3.25	3.25	2.99	
28	1.77	6.89	188.65	4.78	7.97	35.97	7.97	6.89	3.75	3.25	3.25	2.99	
29	1.53	6.89	66.08	4.52	7.43	35.97	7.97	6.89	3.75	3.25	3.25	2.99	
30	1.53	6.36	33.53	21.58	8.51	28.70	8.51	6.89	3.50	3.25		2.99	
31		9.06		10.16	9.06		9.06		3.50	3.25		2.99	
Total	60.81	854.22	581.59	288.96	484.79	1224.01	914.94	242.44	167.43	99.92	94.25	93.21	5106.57 Ton/day
Mean	2.03	27.56	19.39	9.32	15.64	40.80	29.51	8.08	5.40	3.22	3.25	3.01	Ton/day
Max	2.50	143.10	188.65	40.88	43.36	257.90	114.69	9.06	6.89	3.50	3.25	3.25	257.90 Ton/day
Min	1.53	1.53	4.01	3.25	5.83	6.36	7.97	6.89	3.50	2.99	3.25	2.99	1.53 Ton/day

WATER YEAR : 2007**PING RIVER BASIN****Khlong Khlung at Ban Sam Ruan , Kamphaeng Phet (P.78)**

Lat 16 - 11 - 03 N Long 99 - 36 - 09 E

Location : on left bank at Ban Sam Ruan.

	Ban Sam Ruan	Amphoe Khlong Khlung	Changwat Kamphaeng Phet
Drainage Area	1,119 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	2002-2007		
Number of observation	49		
R-Square	0.9597		
Remarks	Continued Sediment Station		

$$QS = 12.1190 QW^{1.09850}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	102.76	57.10	21.99	92.80	407.97	108.90	6.91	0.00	0.26	0.26	
2	0.00	0.00	133.44	29.39	52.52	341.70	274.10	88.82	6.91	0.00	0.26	0.26	
3	0.00	0.00	309.52	9.48	36.08	533.62	177.27	90.73	6.41	0.00	0.26	0.26	
4	0.00	0.00	562.10	32.29	13.73	465.99	267.07	110.85	6.41	0.00	0.26	0.26	
5	0.00	0.00	438.00	2.99	11.06	232.15	197.69	118.99	5.91	0.00	0.26	0.26	
6	0.00	0.00	516.64	1.84	1.84	184.06	100.82	117.03	5.41	0.00	0.26	0.26	
7	0.00	0.00	562.10	4.43	0.76	556.47	133.44	92.80	4.92	0.00	0.26	0.26	
8	0.00	0.00	433.77	11.06	0.76	723.81	177.27	88.82	4.92	0.00	0.26	0.26	
9	0.00	373.80	204.55	32.29	5.91	420.77	187.46	73.03	4.43	0.00	0.26	0.26	
10	0.00	712.10	108.90	23.82	102.76	288.22	218.31	65.25	4.43	0.00	0.26	0.26	
11	0.00	794.03	24.81	108.90	184.06	133.44	511.05	60.16	4.31	0.00	0.26	0.26	
12	0.00	1384.55	90.73	65.25	63.24	201.12	1368.27	5.91	4.31	0.00	0.26	0.26	
13	0.00	2029.38	60.16	26.66	42.00	642.60	1606.98	27.52	4.07	0.00	0.26	0.26	
14	0.00	1944.21	28.53	14.27	39.03	562.10	2934.26	20.17	3.95	0.00	0.26	0.26	
15	0.00	1449.84	438.00	1.51	17.54	416.56	3405.73	14.27	3.71	0.00	0.26	0.26	
16	0.00	2000.96	356.82	0.76	21.15	207.98	3416.76	28.53	3.59	0.00	0.26	0.26	
17	0.00	1756.15	150.37	0.26	14.27	201.12	3350.59	13.19	3.35	0.00	0.26	0.26	
18	0.00	1433.49	123.08	0.26	13.19	214.86	2977.85	11.06	3.35	0.00	0.26	0.26	
19	0.00	1690.74	163.77	3.71	31.27	386.49	2219.80	11.59	3.23	0.00	0.26	0.26	
20	0.00	1054.52	133.44	36.08	49.50	533.62	1482.59	7.93	2.99	0.00	0.26	0.26	
21	0.00	573.57	253.05	80.89	30.40	700.41	1024.75	4.43	2.88	0.00	0.26	0.26	
22	0.00	277.63	309.52	96.81	3.23	2426.67	847.26	3.59	2.88	0.00	0.26	0.26	
23	0.00	190.87	201.12	277.63	1.62	2248.49	585.06	3.23	2.64	0.00	0.26	0.26	
24	0.00	135.43	118.99	373.80	0.76	1287.14	454.74	10.53	2.64	0.00	0.26	0.26	
25	0.00	88.82	42.00	256.55	125.21	677.27	334.52	7.93	2.53	0.00	0.26	0.26	
26	0.00	65.25	47.99	39.03	201.12	377.97	369.46	11.06	2.53	0.00	0.26	0.26	
27	0.00	55.57	20.17	71.00	242.58	281.15	246.06	9.48	2.30	0.00	0.26	0.26	
28	0.00	63.24	28.53	58.63	180.66	221.76	242.58	8.45	2.30	0.00	0.26	0.26	
29	0.00	63.24	47.99	32.29	112.96	177.27	157.06	7.42	2.18	0.00	0.26	0.26	
30	0.00	127.18	60.16	31.27	73.03	228.68	117.03	6.91	2.18	0.00		0.26	
31		71.00		21.15	73.03		121.12		1.96	0.00		0.26	
Total	0.00	18335.57	6071.01	1801.40	1767.26	15966.29	29914.92	1228.58	120.54	0.00	7.54	8.06	75221.17 Tonday
Mean	0.00	591.47	202.37	58.11	57.01	532.21	965.00	40.95	3.89	0.00	0.26	0.26	Ton/day
Max	0.00	2029.38	562.10	373.80	242.58	2426.67	3416.76	118.99	6.91	0.00	0.26	0.26	3416.76 Ton/day
Min	0.00	0.00	20.17	0.26	0.76	92.80	100.82	3.23	1.96	0.00	0.26	0.26	0.00 Ton/day

WATER YEAR : 2007

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.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	22		
R-Square	0.7038		
Remarks	Continued Sediment Station		

$$QS = 2.3543 QW^{1.59140}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.88	1.65	1.07	4.02	6.00	6.76	6.00	2.74	1.99	1.65	6.00	0.88	
2	0.88	1.65	1.07	1.99	4.49	16.12	6.00	2.74	1.99	1.65	6.00	0.88	
3	0.88	1.65	1.24	1.65	4.97	6.76	6.00	2.74	1.99	1.65	4.97	0.88	
4	0.88	10.12	1.24	1.65	4.97	4.97	6.00	3.57	1.99	1.65	3.57	0.88	
5	0.88	10.12	9.23	1.65	6.00	11.98	11.04	2.74	1.99	1.65	3.57	0.88	
6	0.88	8.38	2.35	1.65	3.15	44.05	20.95	2.74	1.99	1.65	3.57	0.88	
7	0.88	10.12	1.65	4.49	2.35	7.55	24.88	1.99	1.99	1.65	3.15	0.88	
8	0.88	13.96	1.46	3.57	1.99	5.48	12.96	1.99	1.99	1.65	1.65	0.88	
9	0.73	5.48	1.24	3.15	3.15	5.48	11.04	2.35	1.99	1.46	1.99	0.88	
10	0.73	3.57	0.73	2.74	6.76	4.97	14.99	2.74	1.99	1.65	2.35	0.88	
11	0.73	1.65	0.73	1.65	6.00	5.48	16.12	2.35	1.99	1.65	2.35	0.88	
12	0.73	1.65	1.46	0.88	4.49	4.49	8.38	2.35	1.99	1.46	2.35	0.88	
13	0.73	6.00	1.24	1.07	3.57	4.97	8.38	1.46	1.99	1.46	2.35	0.88	
14	0.73	6.00	1.24	1.65	2.35	8.38	8.38	1.46	1.99	1.65	1.65	0.88	
15	0.73	6.00	2.74	1.65	2.35	14.99	11.98	1.99	1.99	1.46	1.24	0.73	
16	0.73	6.00	1.99	1.99	3.15	7.55	10.12	3.15	1.99	1.46	1.65	0.73	
17	0.73	6.00	1.65	1.99	6.00	5.48	6.00	3.57	1.99	1.46	1.65	0.73	
18	0.73	6.00	1.65	1.99	3.15	4.49	6.00	2.74	1.99	1.24	1.65	0.73	
19	0.73	13.96	1.65	1.99	3.15	17.29	6.00	2.35	1.99	1.24	1.65	0.73	
20	1.24	6.00	1.65	4.97	3.15	17.29	6.00	2.74	1.99	1.24	1.65	0.73	
21	1.07	5.48	1.65	3.57	2.35	6.76	6.00	2.74	1.99	1.24	1.46	0.73	
22	1.07	3.57	1.65	3.57	2.35	5.48	6.00	3.15	1.65	1.24	1.24	0.73	
23	0.73	2.35	1.46	3.57	3.57	4.97	5.48	3.57	1.65	1.24	1.07	0.73	
24	0.73	2.35	1.24	10.12	6.00	4.49	3.57	3.15	1.65	1.24	0.88	0.57	
25	0.73	1.99	0.73	4.02	4.97	4.02	3.57	2.74	1.65	1.46	0.73	0.57	
26	1.07	1.65	1.65	3.57	170.01	4.02	3.57	2.74	1.65	1.46	0.73	0.57	
27	1.65	1.65	46.07	1.65	32.26	24.88	3.57	3.15	1.65	1.46	0.73	0.44	
28	1.65	1.65	68.05	1.24	9.23	6.00	3.15	3.15	1.65	1.46	0.73	0.44	
29	1.65	1.65	10.12	6.00	7.55	5.48	3.15	3.15	1.65	1.65	0.73	0.57	
30	1.65	1.24	2.74	3.57	7.55	4.97	3.15	2.74	1.65	1.65		0.73	
31		1.07		2.74	14.99		2.74		1.65	1.99		0.88	
Total	28.31	150.61	172.64	90.01	342.02	275.60	251.17	80.78	58.29	46.72	63.31	23.66	1583.12 Ton/day
Mean	0.94	4.86	5.75	2.90	11.03	9.19	8.10	2.69	1.88	1.51	2.18	0.76	Ton/day
Max	1.65	13.96	68.05	10.12	170.01	44.05	24.88	3.57	1.99	1.99	6.00	0.88	170.01 Ton/day
Min	0.73	1.07	0.73	0.88	1.99	4.02	2.74	1.46	1.65	1.24	0.73	0.44	0.44 Ton/day

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Wang at Ban Mae Win , Chiang Mai (P.82)

Lat 18 - 39 - 08 N Long 98 - 41 - 26 E

Location : on left bank at Ban Mae Win.

	Ban Mae Win	Amphoe Mae Wang	Changwat Chiang Mai
Drainage Area	389 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	2007		
Number of observation	34		
R-Square	0.8383		
Remarks	Continued Sediment Station		

$$QS = 0.7028 QW^{2.23620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.77	0.98	46.52	19.90	18.53	1082.96	1309.32	119.45	39.35	14.74	27.10	4.44	
2	0.77	0.87	142.62	15.95	29.52	243.98	987.23	109.22	34.99	14.74	17.40	4.44	
3	0.77	0.77	70.26	14.74	15.95	142.62	755.65	165.49	34.99	13.50	11.21	4.44	
4	0.67	81.98	21.33	15.95	12.48	108.46	652.55	304.27	34.99	12.33	9.14	4.44	
5	0.67	2539.63	838.49	15.95	12.48	101.45	1609.01	141.43	34.99	11.21	8.20	4.44	
6	0.67	987.23	257.74	14.74	13.59	101.45	926.13	119.45	34.99	11.21	7.48	3.93	
7	0.58	124.34	64.77	21.33	11.43	94.71	782.74	109.22	34.99	12.33	6.80	3.93	
8	0.58	217.69	35.81	18.53	1350.05	70.26	703.06	99.50	34.99	12.33	6.16	3.93	
9	0.58	317.03	21.33	17.21	987.23	54.53	652.55	90.28	34.99	12.33	5.55	3.93	
10	0.58	365.99	18.53	19.90	217.69	50.44	677.54	81.54	30.90	12.33	5.55	3.46	
11	0.58	515.82	15.95	15.95	101.45	50.44	2918.17	73.30	30.90	12.33	5.55	3.46	
12	0.58	3242.06	17.21	12.48	81.98	59.53	987.23	65.54	30.90	11.21	5.55	3.02	
13	0.77	1115.96	26.62	12.48	64.77	115.72	2045.09	65.54	27.10	11.21	5.55	2.62	
14	0.77	1269.28	19.90	14.74	46.52	194.45	867.17	65.54	20.30	11.21	5.55	2.62	
15	0.77	580.68	21.33	12.48	39.21	162.29	2045.09	65.54	18.82	11.21	5.55	2.62	
16	0.77	317.03	18.53	13.59	29.52	108.46	896.38	65.54	17.40	10.15	5.55	2.62	
17	0.77	271.93	15.95	12.48	81.98	124.34	956.41	59.71	17.40	10.15	5.55	2.62	
18	0.67	162.29	13.59	10.42	50.44	172.65	703.06	54.18	17.40	9.14	5.55	2.62	
19	0.87	70.26	50.44	10.42	59.53	4832.35	229.08	54.18	17.40	9.14	4.98	2.36	
20	0.77	42.78	21.33	11.43	39.21	24619.13	229.08	54.18	17.40	9.14	4.98	2.12	
21	0.77	32.58	26.62	15.95	703.06	2097.13	185.42	90.28	16.04	9.14	6.80	2.12	
22	0.67	23.89	15.95	19.90	1191.26	867.17	165.49	81.54	16.04	9.14	6.80	2.12	
23	0.58	14.74	10.42	13.59	495.53	604.12	141.43	59.71	14.74	8.20	5.55	1.90	
24	0.50	10.42	8.20	29.52	124.34	456.30	141.43	54.18	14.74	8.20	4.98	1.90	
25	0.43	8.20	8.82	21.33	81.98	400.79	130.19	54.18	14.74	8.20	4.98	2.12	
26	0.67	7.60	42.78	13.59	94.71	365.99	130.19	48.95	14.74	8.20	4.44	2.12	
27	1.22	8.82	475.69	13.59	94.71	383.17	119.45	44.01	14.74	8.20	4.44	1.90	
28	9.47	7.03	217.69	10.42	124.34	2613.02	119.45	44.01	14.74	8.20	4.44	1.69	
29	1.90	7.60	50.44	10.42	142.62	16478.17	109.22	44.01	14.74	12.33	3.93	1.69	
30	1.22	6.48	32.58	17.21	729.09	2368.20	99.50	39.35	14.74	8.20		1.69	
31		70.26		115.72	557.74		99.50		14.74	8.20		1.69	
Total	31.39	12422.22	2627.44	581.91	7602.94	59124.28	22373.81	2523.32	729.93	328.15	205.31	89.00	108639.70
Mean	1.05	400.72	87.58	18.77	245.26	1970.81	721.74	84.11	23.55	10.59	7.08	2.87	
Max	9.47	3242.06	838.49	115.72	1350.05	24619.13	2918.17	304.27	39.35	14.74	27.10	4.44	24619.13
Min	0.43	0.77	8.20	10.42	11.43	50.44	99.50	39.35	14.74	8.20	3.93	1.69	0.43

WATER YEAR : 2007

PING RIVER BASIN

Nam Mae Wang at Ban Mae Chaem , Chiang Mai (P.84)

Lat 18 - 35 - 20 N Long 98 - 47 - 59 E

Location : on left bank at Ban Mae Chaem.

	Ban Mae Chaem	Amphoe Mae Wang	Changwat Chiang Mai
Drainage Area	491 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	2007		
Number of observation	35		
R-Square	0.9023		
Remarks	Continued Sediment Station		

QS = 5.0768 QW^{1.76590}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.76	1.14	248.76	38.08	80.13	1430.81	758.21	158.54	64.54	41.36	18.50	0.54	
2	1.14	1.14	178.18	26.88	54.63	443.51	451.64	149.09	73.72	41.36	23.47	1.44	
3	0.25	1.14	200.57	24.53	32.27	200.57	308.27	261.51	73.72	39.59	12.96	0.92	
4	0.54	101.72	139.90	23.47	14.33	118.04	206.35	365.75	70.60	39.59	4.05	1.60	
5	0.47	1410.16	80.13	17.57	14.33	76.89	667.17	281.14	70.60	39.59	6.60	2.50	
6	0.47	2504.19	989.40	14.33	11.01	64.54	1024.97	236.29	67.54	39.59	2.50	3.81	
7	0.35	577.72	200.57	33.68	8.74	61.60	527.69	200.57	64.54	39.59	2.12	3.81	
8	0.41	546.65	76.89	29.52	212.20	70.60	388.39	149.09	64.54	39.59	2.50	0.92	
9	0.41	1042.96	46.85	24.53	1622.44	38.08	380.78	163.36	64.54	39.59	0.54	1.29	
10	0.47	829.58	28.19	30.88	419.50	30.88	380.78	135.40	61.60	39.59	0.41	6.60	
11	0.54	731.69	21.42	26.88	255.10	30.88	1535.98	126.59	61.60	39.59	0.27	4.05	
12	0.68	1941.06	38.08	9.78	144.47	50.68	771.63	122.28	61.60	39.59	0.27	0.76	
13	0.61	3305.02	54.63	9.20	113.86	50.68	989.40	122.28	61.60	38.08	0.27	1.01	
14	0.92	2438.56	48.75	9.78	73.72	230.16	744.90	113.86	61.60	38.08	0.27	1.01	
15	1.01	1755.96	38.08	12.96	38.08	308.27	859.24	113.86	58.72	38.08	0.25	0.84	
16	1.14	937.07	19.46	12.96	24.53	135.40	654.58	118.04	58.72	29.52	0.35	0.68	
17	1.29	427.44	14.33	7.85	52.64	163.36	484.81	101.72	58.72	29.52	0.54	1.14	
18	1.29	527.69	15.04	3.58	44.99	236.29	435.45	93.96	58.72	29.52	0.54	2.31	
19	0.68	322.24	139.90	3.81	41.36	1894.03	380.78	93.96	56.66	29.52	0.41	3.58	
20	0.61	194.87	38.08	4.30	39.59	13991.38	358.33	97.80	56.66	23.47	0.41	1.44	
21	0.68	149.09	43.16	5.82	50.68	3349.82	315.22	144.47	56.66	23.47	1.60	0.54	
22	0.76	97.80	29.52	8.29	859.24	1061.08	294.57	189.23	56.66	15.04	1.60	0.54	
23	0.84	64.54	11.64	4.81	380.78	510.35	267.98	118.04	56.66	6.60	0.54	0.54	
24	0.76	35.12	7.01	48.75	267.98	139.90	267.98	109.75	54.63	4.55	0.27	0.54	
25	0.76	30.88	6.20	28.19	130.96	274.53	248.76	101.72	50.68	4.55	0.25	0.61	
26	0.92	32.27	4.05	12.96	153.78	206.35	224.10	86.77	41.36	4.30	0.76	0.61	
27	0.92	30.88	919.90	7.42	149.09	236.29	218.12	64.54	43.16	2.91	0.76	0.54	
28	4.55	21.42	546.65	4.55	178.18	200.57	183.67	64.54	41.36	2.50	0.54	0.47	
29	5.82	19.46	158.54	12.96	294.57	6591.23	130.96	61.60	41.36	2.31	0.30	0.54	
30	1.60	19.46	80.13	15.77	1116.26	2091.24	118.04	58.72	41.36	2.12		0.68	
31		113.86		50.68	242.49		130.96		41.36	1.94		0.76	
Total	31.65	20212.78	4424.01	564.77	7121.93	34288.01	14709.71	4204.47	1795.79	804.70	83.85	46.62	88288.29 Ton/day
Mean	1.06	652.03	147.47	18.22	229.74	1142.93	474.51	140.15	57.93	25.96	2.89	1.50	Ton/day
Max	5.82	3305.02	989.40	50.68	1622.44	13991.38	1535.98	365.75	73.72	41.36	23.47	6.60	13991.38 Ton/day
Min	0.25	1.14	4.05	3.58	8.74	30.88	118.04	58.72	41.36	1.94	0.25	0.47	0.25 Ton/day

WATER YEAR : 2007

WANG RIVER BASIN

Wang River at Setuwaree Bridge , Lampang (W.1C)

Lat 18 - 17 - 51 N Long 99 - 30 - 56 E

Location : on left bank at the bridge.

	Ban Setuwaree Bridge	Amphoe Mueang	Changwat Lampang
Drainge Area	3,478 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	2007		
Number of observation	34		
R-Square	0.8794		
Remarks	Continued Sediment Station		

$$QS = 1.0634 QW^{1.67300}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	532.91	4.93	9.07	201.77	27.58	986.83	66.06	84.81	1.32	5.85	3.51	2.12		
2	521.03	3.68	14.67	119.89	40.44	477.72	95.96	397.62	1.12	4.13	5.85	2.38		
3	63.28	3.68	21.31	84.81	31.64	670.55	1126.77	247.71	0.75	5.50	2.63	2.12		
4	9.92	4.93	23.74	71.78	29.58	407.31	1045.89	818.05	0.66	1.89	1.89	2.12		
5	6.31	10.81	77.68	38.16	50.08	314.72	107.66	436.93	0.66	1.54	1.54	2.38		
6	5.60	17.86	272.08	92.18	77.68	280.41	180.25	81.21	0.66	1.21	1.54	2.92		
7	5.60	15.71	247.71	247.71	22.51	457.14	103.70	350.60	0.83	1.42	1.65	3.80		
8	16.77	18.99	38.16	119.89	17.86	314.72	57.85	95.96	0.75	2.38	2.12	4.13		
9	55.21	15.71	11.73	55.21	103.70	255.73	47.60	683.69	0.83	2.92	3.51	4.44		
10	115.76	27.58	12.68	47.60	84.81	187.31	128.34	670.55	0.92	3.51	4.79	5.12		
11	209.17	9.07	68.90	47.60	42.77	103.70	81.21	631.76	1.21	3.19	5.50	4.44		
12	509.26	95.96	21.31	38.16	31.64	297.36	84.81	103.70	1.21	2.92	5.12	3.80		
13	581.49	55.21	63.28	27.58	31.64	255.73	68.90	33.76	1.54	3.80	6.24	3.80		
14	13.66	297.36	128.34	33.76	31.64	166.44	92.18	13.66	1.54	3.19	7.41	2.92		
15	10.81	280.41	341.48	35.93	29.58	107.66	50.08	194.49	1.42	2.12	2.92	2.38		
16	10.81	99.80	231.98	35.93	55.21	231.98	63.28	854.45	2.12	1.89	1.42	3.51		
17	7.44	27.58	74.71	38.16	155.06	124.09	159.71	1065.88	1.12	3.51	2.12	4.44		
18	6.68	14.67	66.06	33.76	187.31	88.46	88.46	1126.77	1.65	2.12	1.32	3.19		
19	5.26	10.81	29.58	66.06	166.44	224.27	173.29	1065.88	1.01	1.54	1.21	3.51		
20	4.60	9.92	24.99	141.45	60.54	1449.60	498.66	929.16	1.42	1.89	1.42	13.91		
21	4.60	9.07	22.51	63.28	29.58	737.26	1026.05	477.72	1.32	2.38	2.12	6.61		
22	2.33	31.64	21.31	52.62	23.74	1045.89	606.41	1086.02	1.21	2.92	2.92	4.79		
23	2.58	71.78	22.51	31.64	20.13	467.38	1006.36	619.03	1.54	2.92	5.12	3.19		
24	2.33	31.64	24.99	436.93	111.68	288.84	457.14	1026.05	2.63	3.19	6.61	7.84		
25	2.33	11.73	31.64	141.45	99.80	155.06	446.99	967.45	3.80	4.44	5.85	8.24		
26	3.39	9.92	71.78	42.77	66.06	350.60	314.72	750.90	4.79	5.12	7.02	6.24		
27	3.68	9.07	150.46	29.58	166.44	544.89	426.96	723.71	3.51	6.24	5.12	5.50		
28	4.60	6.68	155.06	17.86	141.45	159.71	1006.36	288.84	3.19	7.02	4.79	4.44		
29	6.68	5.95	173.29	27.58	378.53	77.68	948.23	6.31	4.13	8.24	3.19	4.13		
30	4.60	50.08	95.96	77.68	2296.03	111.68	95.96	5.60	5.50	6.61		4.79		
31		13.66		29.58	1474.01		314.72		7.41	5.12		4.44		
Total	2728.69	1275.89	2548.97	2528.36	6085.16	11340.72	10970.56	15838.27	61.77	110.72	106.45	137.64	53733.20	Ton/day
Mean	90.96	41.16	84.97	81.56	196.30	378.02	353.89	527.94	1.99	3.57	3.67	4.44		Ton/day
Max	581.49	297.36	341.48	436.93	2296.03	1449.60	1126.77	1126.77	7.41	8.24	7.41	13.91	2296.03	Ton/day
Min	2.33	3.68	9.07	17.86	17.86	77.68	47.60	5.60	0.66	1.21	1.21	2.12	0.66	Ton/day

WATER YEAR : 2007

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.		
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	2007		
Number of observation	19		
R-Square	0.9182		
Remarks	Continued Sediment Station		

$$QS = 0.5718 QW^{1.76690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	57.56	13.96	261.03	634.48	429.18	3273.80	1686.79	305.81	26.14	18.44	19.64	8.54	
2	33.43	18.44	404.46	467.45	324.58	2059.33	982.38	416.74	18.44	27.53	19.64	10.96	
3	28.96	24.77	324.58	394.06	353.64	1400.27	634.48	467.45	13.96	27.53	22.14	7.96	
4	40.84	33.43	219.36	252.45	315.14	2761.30	1260.04	454.53	13.96	27.53	28.96	5.34	
5	104.88	296.61	170.55	204.87	190.82	2525.13	3217.85	315.14	12.92	27.53	13.96	4.87	
6	35.83	1192.35	296.61	170.55	204.87	2024.14	1126.29	576.35	8.54	17.27	8.54	3.98	
7	28.96	1061.86	816.10	110.28	204.87	2298.19	1472.78	404.46	2.45	7.96	6.33	3.18	
8	22.14	944.27	534.35	219.36	145.08	2479.00	1083.15	324.58	7.40	6.33	5.34	3.18	
9	13.96	798.45	363.57	363.57	76.70	1497.30	649.39	278.58	7.40	4.42	4.42	3.18	
10	12.92	507.13	177.20	204.87	649.39	1061.86	888.35	90.77	7.96	8.54	9.14	5.34	
11	7.96	520.66	99.60	157.59	1424.26	798.45	1559.37	83.61	6.86	8.54	7.96	5.83	
12	9.14	1472.78	80.12	133.02	763.67	590.66	1686.79	66.83	6.86	8.54	8.54	6.86	
13	9.14	6137.67	90.77	127.16	429.18	1126.29	1214.74	66.83	6.86	8.54	10.03	6.33	
14	7.96	5177.06	121.42	73.35	315.14	1424.26	963.24	110.28	7.40	8.54	9.14	4.87	
15	7.96	19592.53	164.02	57.56	243.99	944.27	851.89	73.35	7.40	9.14	12.92	5.34	
16	10.03	11947.61	315.14	70.06	170.55	780.98	712.75	157.59	7.40	9.14	18.44	4.87	
17	24.77	4162.74	441.78	76.70	183.95	1237.30	729.55	43.45	7.40	7.40	6.86	3.98	
18	31.91	1954.54	324.58	83.61	394.06	906.83	780.98	80.12	6.33	5.83	5.83	8.54	
19	28.96	1852.13	204.87	87.16	619.72	763.67	679.66	145.08	10.03	6.33	3.98	9.14	
20	23.44	1852.13	145.08	94.45	746.53	2761.30	534.35	138.99	6.86	6.86	3.57	5.83	
21	19.64	1148.13	115.79	157.59	404.46	10288.76	394.06	133.02	6.33	4.87	2.81	5.34	
22	23.44	780.98	99.60	212.06	278.58	8978.15	404.46	151.28	5.34	4.87	2.45	9.14	
23	16.13	619.72	87.16	204.87	243.99	4288.21	373.61	133.02	1.81	4.42	2.12	16.13	
24	13.96	534.35	66.83	2479.00	278.58	1818.52	296.61	190.82	3.18	3.98	2.45	6.33	
25	12.92	353.64	54.60	1448.43	363.57	1001.67	315.14	145.08	4.87	4.42	4.42	1.81	
26	11.93	227.44	87.16	1282.97	712.75	664.45	287.53	110.28	5.83	7.40	6.33	12.92	
27	9.14	145.08	334.15	634.48	1061.86	780.98	252.45	90.77	5.83	16.13	9.14	15.03	
28	7.40	104.88	1040.75	534.35	816.10	1622.54	305.81	51.71	6.33	18.44	10.03	13.96	
29	12.92	87.16	3056.71	343.84	664.45	1785.19	235.65	51.71	10.03	22.14	10.96	17.27	
30	11.93	66.83	1448.43	278.58	798.45	2130.51	235.65	46.14	10.03	33.43		28.96	
31		99.60		590.66	4353.99		261.03		11.93	46.14		31.91	
Total	680.16	63728.93	11946.37	12149.43	18162.10	66073.31	26076.82	5704.37	264.08	418.18	276.09	276.92	205756.76 Ton/day
Mean	22.67	2055.77	398.21	391.92	585.87	2202.44	841.19	190.15	8.52	13.49	9.52	8.93	Ton/day
Max	104.88	19592.53	3056.71	2479.00	4353.99	10288.76	3217.85	576.35	26.14	46.14	28.96	31.91	19592.53 Ton/day
Min	7.40	13.96	54.60	57.56	76.70	590.66	235.65	43.45	1.81	3.98	2.12	1.81	1.81 Ton/day

WATER YEAR : 2007

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	1989-2007		
Number of observation	366		
R-Square	0.9135		
Remarks	Continued Sediment Station		

$$QS = 1.8340 QW^{1.42130}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	14.10	8.74	158.06	605.61	282.42	1201.81	1818.96	264.04	72.18	7.13	41.65	23.41		
2	13.16	8.74	163.95	379.56	305.90	1271.00	1331.21	203.76	80.04	15.06	40.35	12.69		
3	25.66	13.16	185.07	237.17	237.17	872.26	785.29	259.50	72.18	18.07	26.81	11.78		
4	35.23	13.16	169.91	203.76	188.15	704.57	524.42	359.46	64.56	27.97	26.81	13.16		
5	37.76	20.15	152.23	166.92	182.01	937.79	792.84	305.90	61.22	29.14	27.97	13.16		
6	42.98	364.45	146.47	135.14	152.23	1013.17	3521.13	241.59	52.56	29.14	27.97	13.16		
7	59.75	501.16	228.40	113.33	129.58	888.51	1626.66	325.08	39.05	27.97	27.97	10.01		
8	56.84	633.43	315.44	102.86	140.77	1072.98	1261.04	296.44	56.84	17.05	21.22	6.36		
9	47.01	904.85	287.07	137.95	110.68	1072.98	856.10	232.77	51.16	13.16	12.69	5.26		
10	42.98	937.79	237.17	178.96	98.58	690.16	626.37	216.51	35.23	12.69	22.31	18.07		
11	36.49	379.56	161.00	152.23	163.95	598.64	896.67	155.14	33.99	16.05	11.33	7.92		
12	30.33	384.63	102.86	124.09	517.74	420.71	1133.79	132.36	31.54	14.10	10.01	6.36		
13	27.97	748.32	118.68	102.86	405.13	364.45	1603.31	124.09	29.14	13.16	7.92	5.99		
14	25.66	2684.10	137.95	100.71	246.03	334.80	2419.05	110.68	29.14	13.16	5.99	5.26		
15	23.41	2989.78	100.71	92.28	188.15	584.92	1614.97	113.33	26.81	12.23	5.26	4.57		
16	21.22	4569.58	110.68	76.08	152.23	501.16	1420.24	132.36	26.81	8.74	6.36	1.83		
17	19.10	3521.13	132.36	92.28	132.36	495.67	1090.25	146.47	24.53	6.75	15.06	0.68		
18	17.05	2388.41	158.06	82.04	129.58	748.32	929.53	121.38	24.53	14.10	45.66	3.26		
19	25.66	1420.24	169.91	82.04	163.95	612.46	800.25	105.45	23.41	16.05	25.66	7.13		
20	48.38	1081.60	140.77	82.04	301.16	1375.51	640.37	118.68	30.33	32.76	12.23	19.10		
21	52.56	946.08	124.09	94.37	344.60	2811.61	495.67	96.47	27.97	20.15	7.52	15.06		
22	49.76	647.48	100.71	126.83	206.93	4356.62	431.20	118.68	23.41	12.69	3.90	9.16		
23	31.54	490.20	96.47	152.23	172.91	3580.09	399.98	126.83	21.22	10.88	3.26	5.62		
24	30.33	384.63	86.09	146.47	158.06	2018.52	359.46	118.68	12.69	10.01	2.66	1.83		
25	30.33	334.80	80.04	770.40	166.92	1133.79	315.44	200.61	10.88	9.16	2.10	2.66		
26	55.40	287.07	88.14	551.10	172.91	668.64	259.50	135.14	12.23	5.26	1.34	10.01		
27	40.35	250.50	86.09	537.71	254.99	452.39	241.59	113.33	12.69	6.36	2.10	6.36		
28	19.10	206.93	182.01	410.31	447.06	506.67	232.77	105.45	13.16	14.10	4.57	7.52		
29	10.44	152.23	320.25	410.31	436.47	1064.37	219.74	98.58	13.16	19.10	32.76	11.33		
30	9.58	140.77	605.61	277.79	310.66	1603.31	206.93	94.37	11.78	19.10		13.16		
31		132.36		224.06	349.53		241.59		5.26	19.10		13.16		
Total	980.13	27546.03	5146.25	6949.49	7248.81	33957.88	29096.32	5173.13	1029.70	490.39	481.44	285.03	118384.60	Ton/day
Mean	32.67	888.58	171.54	224.18	233.83	1131.93	938.59	172.44	33.22	15.82	16.60	9.19		Ton/day
Max	59.75	4569.58	605.61	770.40	517.74	4356.62	3521.13	359.46	80.04	32.76	45.66	23.41	4569.58	Ton/day
Min	9.58	8.74	80.04	76.08	98.58	334.80	206.93	94.37	5.26	5.26	1.34	0.68	0.68	Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	19		
R-Square	0.9703		
Remarks	Continued Sediment Station		

QS = 5.6325 QW^{1.14300}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.03	19.92	39.86	133.97	77.04	212.95	239.52	138.77	1.48	3.75	2.67	2.32	
2	8.27	26.92	39.86	124.44	69.94	192.79	232.84	129.20	1.48	3.75	3.38	2.67	
3	6.28	23.81	36.10	110.70	63.97	167.96	207.89	119.71	1.42	5.25	4.87	2.32	
4	5.63	18.65	32.39	97.90	55.15	153.28	182.81	119.71	1.42	3.75	6.28	3.02	
5	5.25	21.21	30.55	85.31	16.13	143.58	163.05	119.71	1.31	3.75	7.60	2.67	
6	4.87	19.92	39.86	69.94	2.32	163.05	163.05	106.41	1.75	3.38	4.49	3.02	
7	4.49	22.51	37.97	58.07	1.98	177.84	192.79	77.04	4.49	3.75	5.63	2.32	
8	4.12	23.81	32.39	46.50	1.98	177.84	226.19	77.04	5.63	3.75	5.63	1.98	
9	4.12	21.21	25.13	39.86	2.32	172.89	239.52	93.68	6.28	3.38	3.38	1.92	
10	4.12	21.21	21.21	34.24	1.98	148.42	246.22	85.31	6.28	3.75	3.38	1.81	
11	3.75	21.21	16.13	26.92	1.98	133.97	273.25	85.31	6.94	3.02	2.67	1.75	
12	3.75	19.92	13.65	21.21	34.24	124.44	273.25	89.48	6.94	1.48	2.32	1.75	
13	7.60	19.92	19.92	19.92	89.48	129.20	300.62	81.16	5.63	7.60	1.98	1.92	
14	4.12	39.86	21.21	17.38	85.31	129.20	328.31	69.94	6.28	58.07	1.92	1.81	
15	3.75	93.68	19.92	16.13	21.21	119.71	314.43	63.97	6.28	41.76	1.81	1.75	
16	3.75	85.31	18.65	13.65	3.02	115.01	328.31	58.07	6.28	26.92	1.81	1.64	
17	3.38	89.48	17.38	12.44	2.67	115.01	349.27	49.37	5.25	14.88	1.64	1.59	
18	3.02	115.01	16.13	11.73	5.63	115.01	373.65	43.66	5.25	8.27	1.64	1.48	
19	3.02	138.77	13.65	5.25	110.70	115.01	365.50	34.24	4.87	5.25	1.64	1.48	
20	3.02	133.97	13.65	1.98	133.97	124.44	357.37	39.86	3.02	4.49	1.42	1.42	
21	3.02	124.44	23.81	1.98	119.71	148.42	349.27	37.97	1.42	3.75	1.48	1.31	
22	3.75	115.01	23.81	1.98	97.90	167.96	335.27	34.24	1.92	1.98	1.31	1.15	
23	4.49	106.41	19.92	1.98	97.90	163.05	307.51	32.39	7.60	2.32	1.10	1.10	
24	5.25	89.48	16.13	1.98	133.97	153.28	286.90	30.55	6.94	2.32	1.00	1.15	
25	6.28	72.94	14.88	1.81	148.42	138.77	266.46	26.92	5.63	1.98	1.00	1.15	
26	6.94	63.97	11.03	1.81	219.56	133.97	232.84	25.13	5.25	1.92	1.00	1.10	
27	6.94	55.15	23.81	17.38	293.75	124.44	197.81	23.81	4.49	1.75	1.10	1.00	
28	8.95	49.37	93.68	102.14	293.75	129.20	177.84	22.51	4.12	1.75	1.81	0.95	
29	11.03	41.76	143.58	81.16	286.90	167.96	167.96	8.27	4.12	1.81	2.67	0.84	
30	11.03	37.97	143.58	72.94	286.90	226.19	163.05	1.64	3.75	1.81		0.79	
31		36.10		81.16	239.52		153.28		3.75	1.81		0.84	
Total	165.02	1768.90	1019.84	1313.86	2999.30	4484.84	7996.03	1925.07	137.27	233.20	78.63	52.02	22173.98 Ton/day
Mean	5.50	57.06	33.99	42.38	96.75	149.49	257.94	64.17	4.43	7.52	2.71	1.68	Ton/day
Max	11.03	138.77	143.58	133.97	293.75	226.19	373.65	138.77	7.60	58.07	7.60	3.02	373.65 Ton/day
Min	3.02	18.65	11.03	1.81	1.98	115.01	153.28	1.64	1.31	1.48	1.00	0.79	0.79 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	19		
R-Square	0.8242		
Remarks	Continued Sediment Station		

$$QS = 4.0475 QW^{1.52660}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.82	1.08	75.87	27.64	27.64	131.12	39.13	23.44	5.35	2.88	1.86	1.32	
2	0.82	0.96	62.39	15.21	25.51	72.16	27.64	27.64	4.05	0.22	1.81	1.32	
3	0.78	1.12	56.15	6.76	19.49	56.15	27.64	32.07	4.05	0.25	0.82	1.32	
4	0.78	65.59	47.23	13.86	15.21	53.12	25.51	62.39	4.68	0.49	0.58	1.32	
5	0.82	126.23	588.61	13.86	12.56	191.31	27.64	56.15	4.68	0.78	0.22	1.32	
6	0.78	126.23	95.32	12.56	11.31	126.23	173.39	41.59	3.45	0.82	0.20	1.32	
7	0.78	87.35	53.12	29.83	10.10	95.32	99.39	36.72	3.45	0.89	0.20	1.32	
8	0.82	79.63	39.13	19.49	6.04	59.24	75.87	34.37	1.86	0.89	0.20	1.28	
9	0.89	95.32	34.37	12.56	10.10	50.15	53.12	27.64	1.00	0.89	0.20	1.28	
10	0.89	65.59	23.44	11.31	62.39	41.59	185.27	25.51	1.00	0.89	0.20	1.32	
11	0.96	65.59	12.56	10.10	41.59	56.15	107.71	25.51	1.40	0.89	0.18	1.32	
12	1.00	62.39	12.56	8.94	23.44	75.87	75.87	25.51	2.35	0.89	0.12	1.32	
13	1.12	146.17	13.86	6.04	15.21	53.12	62.39	23.44	1.40	0.92	0.16	1.32	
14	1.28	319.75	15.21	6.04	8.94	39.13	59.24	27.64	1.00	0.92	0.46	1.32	
15	1.36	380.14	21.44	6.04	7.82	65.59	72.16	32.07	0.85	1.40	1.28	1.36	
16	1.36	156.52	16.59	6.04	8.94	53.12	91.31	27.64	0.85	1.81	1.45	1.45	
17	1.24	146.17	18.02	5.35	87.35	36.72	72.16	23.44	1.40	1.86	1.67	1.81	
18	1.12	279.93	16.59	5.35	34.37	29.83	59.24	19.49	1.86	1.86	1.49	1.49	
19	1.08	203.59	25.51	5.35	21.44	41.59	47.23	16.59	1.40	1.86	1.45	1.40	
20	1.08	116.65	12.56	18.02	19.49	68.85	41.59	15.21	1.00	1.86	1.40	1.16	
21	1.04	83.46	11.31	21.44	75.87	36.72	34.37	16.59	1.00	1.86	1.40	1.32	
22	1.04	68.85	12.56	18.02	75.87	25.51	32.07	13.86	1.00	1.81	1.40	1.36	
23	1.04	56.15	8.94	11.31	72.16	19.49	27.64	11.31	1.00	1.76	1.40	1.40	
24	0.96	50.15	7.82	15.21	75.87	16.59	27.64	11.31	1.00	1.76	1.40	1.45	
25	0.92	47.23	6.04	21.44	191.31	13.86	23.44	8.94	0.71	1.76	1.40	1.45	
26	0.89	39.13	10.10	13.86	1329.15	39.13	23.44	8.94	0.85	1.95	1.40	1.45	
27	0.92	39.13	121.41	11.31	209.83	47.23	21.44	6.76	1.40	2.15	1.28	1.40	
28	0.96	34.37	612.88	8.94	141.09	87.35	23.44	6.76	2.35	1.81	1.36	1.32	
29	1.08	34.37	146.17	36.72	156.52	83.46	19.49	6.04	2.88	1.90	1.16	1.24	
30	1.12	151.32	53.12	68.85	141.09	68.85	18.02	5.35	2.88	1.90		1.20	
31		126.23		34.37	136.08		16.59		2.88	1.90		1.20	
Total	29.75	3256.39	2230.88	501.82	3073.78	1834.55	1691.08	699.92	65.03	43.83	28.15	41.86	13497.04 Ton/day
Mean	0.99	105.04	74.36	16.19	99.15	61.15	54.55	23.33	2.10	1.41	0.97	1.35	Ton/day
Max	1.36	380.14	612.88	68.85	1329.15	191.31	185.27	62.39	5.35	2.88	1.86	1.81	1329.15 Ton/day
Min	0.78	0.96	6.04	5.35	6.04	13.86	16.59	5.35	0.71	0.22	0.12	1.16	0.12 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	34		
R-Square	0.8698		
Remarks	Continued Sediment Station		

$$QS = 1.3542 QW^{1.54110}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	8.93	5.56	8.53	210.14	13.75	840.09	46.35	89.75	1.15	9.34	3.35	16.18	
2	9.34	4.56	11.91	104.71	29.91	368.37	172.20	75.61	1.05	4.89	4.89	15.68	
3	5.22	2.79	19.80	79.06	21.70	410.25	988.01	32.10	0.87	2.27	2.27	16.18	
4	3.94	5.56	19.80	72.21	16.18	303.34	825.77	32.10	1.05	1.15	1.57	16.18	
5	4.56	11.03	136.99	25.69	54.14	242.88	51.50	210.14	0.87	1.35	1.35	19.80	
6	5.90	11.47	275.89	97.13	75.61	269.17	116.46	79.06	0.87	1.35	0.87	19.80	
7	5.56	9.34	255.90	230.09	9.34	338.92	68.87	62.35	1.35	1.25	1.25	21.70	
8	3.94	13.28	14.23	108.58	6.62	249.36	15.68	6.62	0.87	3.07	2.27	11.47	
9	4.56	15.68	5.90	36.64	128.64	210.14	13.75	3.64	1.25	3.64	6.99	8.93	
10	7.36	19.80	6.26	27.77	48.90	141.24	82.57	2.53	1.35	3.94	8.53	6.99	
11	7.74	9.34	11.03	23.66	15.68	100.90	46.35	2.27	1.35	3.94	13.75	4.25	
12	9.34	97.13	7.36	13.75	13.75	262.50	48.90	5.56	1.35	2.53	13.75	2.53	
13	12.36	46.35	54.14	14.70	16.18	225.04	59.57	21.70	3.35	4.56	16.18	3.64	
14	14.23	230.09	136.99	27.77	19.80	149.86	59.57	112.50	3.94	2.53	10.60	4.25	
15	14.23	230.09	338.92	27.77	29.91	89.75	36.64	25.69	1.57	1.35	9.34	3.94	
16	14.23	128.64	346.20	25.69	48.90	172.20	54.14	23.66	2.03	1.15	12.36	4.56	
17	11.47	41.40	210.14	25.69	128.64	97.13	100.90	79.06	1.15	1.15	19.80	5.22	
18	9.75	9.75	62.35	21.70	215.07	75.61	79.06	104.71	1.35	1.05	14.23	6.99	
19	8.93	7.36	10.60	62.35	128.64	215.07	79.06	65.58	0.96	0.87	14.70	7.74	
20	8.53	6.62	29.91	136.99	34.35	1192.55	68.87	43.85	0.87	1.35	15.19	54.14	
21	8.13	6.26	11.47	48.90	11.91	578.85	59.57	97.13	2.03	3.07	16.18	6.26	
22	7.36	27.77	11.91	34.35	8.93	913.00	62.35	205.26	2.79	3.07	21.70	3.94	
23	7.36	79.06	13.75	14.23	8.13	401.75	62.35	149.86	2.79	4.25	27.77	2.79	
24	7.74	34.35	17.95	346.20	93.41	195.61	59.57	48.90	2.03	4.89	27.77	11.47	
25	8.13	9.34	27.77	97.13	68.87	163.14	56.83	48.90	1.35	4.25	32.10	11.47	
26	7.74	7.36	72.21	25.69	65.58	324.52	65.58	8.13	4.25	5.22	29.91	5.90	
27	5.90	6.62	172.20	12.82	190.84	401.75	79.06	9.34	4.56	6.26	41.40	5.56	
28	8.13	3.94	154.24	13.75	154.24	136.99	54.14	8.53	5.22	5.56	21.70	5.22	
29	9.34	6.26	176.80	39.00	346.20	82.57	51.50	1.35	5.56	8.93	16.18	7.74	
30	6.62	32.10	97.13	56.83	1901.66	100.90	48.90	1.35	10.17	5.22		8.53	
31		11.03		15.68	1160.21		48.90		11.47	2.53		8.93	
Total	246.57	1129.93	2718.28	2076.67	5065.69	9253.45	3662.97	1657.23	80.82	105.98	407.95	327.98	26733.52 Ton/day
Mean	8.22	36.45	90.61	66.99	163.41	308.45	118.16	55.24	2.61	3.42	14.07	10.58	Ton/day
Max	14.23	230.09	346.20	346.20	1901.66	1192.55	988.01	210.14	11.47	9.34	41.40	54.14	1901.66 Ton/day
Min	3.94	2.79	5.90	12.82	6.62	75.61	13.75	1.35	0.87	0.87	0.87	2.53	0.87 Ton/day

WATER YEAR : 2007

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	2001-2007					
Number of observation	128					
R-Square	0.9400					
Remarks	Continued Sediment Station					

$$QS = 0.9045 QW^{1.58130}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.22	2.50	122.95	549.75	340.05	2315.48	2515.70	204.29	45.77	11.31	39.41	7.07	
2	4.87	3.61	173.73	277.71	230.03	1707.59	1615.81	204.29	41.49	13.21	18.44	5.58	
3	15.22	8.68	191.85	256.87	185.74	1172.66	782.36	295.05	37.37	20.70	17.33	8.68	
4	15.22	17.33	141.16	185.74	198.04	961.00	714.75	321.77	33.41	21.84	19.53	8.68	
5	15.22	136.52	122.95	145.86	145.86	1790.74	2176.24	256.87	29.61	21.84	20.70	7.07	
6	24.24	525.80	167.84	136.52	122.95	1540.20	3709.49	250.06	25.98	21.84	20.70	4.56	
7	18.44	598.82	286.33	114.19	127.41	1656.37	1871.77	387.36	24.24	17.33	17.33	2.50	
8	14.22	1172.66	377.72	118.54	118.54	1801.23	1646.20	263.75	37.37	11.31	6.29	2.25	
9	12.26	1738.60	277.71	210.62	89.38	1431.46	852.20	230.03	21.84	9.52	16.28	7.07	
10	9.52	586.41	167.84	179.70	85.46	765.25	782.36	173.73	19.53	14.22	7.84	3.33	
11	6.29	416.82	122.95	127.41	817.01	623.93	1636.04	109.90	17.33	12.26	7.84	3.33	
12	4.56	467.65	101.50	114.19	636.62	513.97	1540.20	105.67	16.28	11.31	3.61	2.77	
13	4.87	2372.06	66.87	105.67	340.05	457.32	2501.20	97.40	16.28	11.31	3.33	1.54	
14	3.93	3129.18	89.38	89.38	230.03	906.00	1907.41	93.36	16.28	9.52	3.61	0.33	
15	3.93	5150.96	101.50	74.11	179.70	731.44	1859.94	114.19	17.33	4.87	3.33	0.46	
16	3.61	9182.52	122.95	74.11	141.16	611.33	1197.68	109.90	16.28	5.58	6.29	0.46	
17	3.93	3865.96	198.04	81.61	118.54	748.28	979.60	122.95	15.22	12.26	29.61	2.77	
18	9.52	2472.28	223.49	77.83	131.94	852.20	817.01	97.40	15.22	11.31	20.70	2.77	
19	11.31	1615.81	156.28	77.83	303.86	1123.20	714.75	97.40	14.22	25.98	8.68	16.28	
20	11.31	1615.81	127.41	85.46	377.72	2329.58	490.61	127.41	17.33	16.28	2.77	11.31	
21	9.52	1055.29	114.19	118.54	312.77	5495.16	447.06	109.90	15.22	8.68	1.34	4.87	
22	7.84	623.93	97.40	156.28	191.85	8505.83	330.86	109.90	8.68	7.84	0.95	2.25	
23	9.52	436.89	93.36	141.16	131.94	3632.14	312.77	122.95	8.68	6.29	1.34	0.33	
24	35.37	340.05	77.83	636.62	150.62	2135.09	270.70	185.74	7.84	3.33	1.13	0.61	
25	15.22	295.05	74.11	611.33	145.86	1172.66	236.64	136.52	7.84	4.56	0.77	4.56	
26	7.07	204.29	54.79	1017.18	236.64	598.82	230.03	105.67	7.84	4.87	2.00	2.50	
27	4.56	173.73	141.16	537.72	490.61	537.72	230.03	89.38	9.52	13.21	7.07	4.87	
28	3.03	141.16	230.03	479.08	502.24	1147.83	191.85	85.46	10.42	14.22	17.33	6.29	
29	2.50	122.95	688.34	330.86	387.36	2203.83	185.74	70.46	4.87	14.22	15.22	6.29	
30	2.25	118.54	1605.72	230.03	349.33	2094.23	198.04	33.41	3.33	14.22		6.29	
31		97.40		250.06	979.60		230.03		4.87	33.41		4.87	
Total	293.57	38689.26	6517.38	7591.96	8798.91	51562.54	33175.07	4712.17	567.49	408.65	320.77	142.54	152780.31 Tonday
Mean	9.79	1248.04	217.25	244.90	283.84	1718.75	1070.16	157.07	18.31	13.18	11.06	4.60	Ton/day
Max	35.37	9182.52	1605.72	1017.18	979.60	8505.83	3709.49	387.36	45.77	33.41	39.41	16.28	9182.52 Ton/day
Min	2.25	2.50	54.79	74.11	85.46	457.32	185.74	33.41	3.33	3.33	0.77	0.33	0.33 Ton/day

WATER YEAR : 2007**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	1997-2007					
Number of observation	235					
R-Square	0.9368					
Remarks	Continued Sediment Station					

$$QS = 1.8444 QW^{1.51090}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.10	94.12	52.04	668.20	458.49	4458.75	3815.46	199.42	44.31	20.36	18.50	16.13	
2	10.19	115.97	572.58	357.59	969.52	2536.42	2301.54	228.18	44.31	20.36	20.36	14.98	
3	10.19	83.79	334.36	300.52	2946.01	2447.44	1563.18	311.67	26.95	19.73	23.57	14.47	
4	9.50	151.50	458.49	228.18	1109.97	4304.35	1587.76	1048.45	26.95	19.73	22.92	16.71	
5	8.83	190.12	144.14	174.32	513.53	2301.54	2301.54	572.58	26.95	19.73	23.57	17.30	
6	8.50	969.52	278.96	122.81	357.59	1892.65	3596.62	393.40	22.40	19.73	22.27	17.30	
7	8.50	2079.30	258.23	174.32	334.36	1443.03	7422.29	218.45	56.05	19.73	19.73	17.30	
8	129.79	1814.74	445.06	182.16	357.59	1372.82	6549.82	182.16	78.78	19.73	20.99	17.30	
9	104.85	803.24	218.45	115.97	603.90	911.71	4076.23	158.99	56.05	19.11	19.11	17.30	
10	94.12	393.40	129.79	83.79	1068.51	892.71	4001.13	115.97	52.04	18.50	19.73	17.30	
11	151.50	110.36	94.12	56.05	1068.51	751.62	7677.46	144.14	94.12	17.90	18.50	20.36	
12	166.60	345.91	78.78	48.12	911.71	1048.45	5717.55	104.85	73.87	17.90	19.11	19.11	
13	129.79	278.96	37.02	40.61	541.83	7780.35	4852.69	110.36	83.79	17.30	17.90	17.90	
14	64.38	182.16	37.02	44.31	431.77	12135.90	5175.88	94.12	73.87	17.90	17.30	17.90	
15	110.36	1215.95	56.05	44.31	369.40	5216.77	4001.13	115.97	8.50	17.90	17.30	17.30	
16	115.97	2816.70	26.95	44.31	322.95	3596.62	3852.36	110.36	14.47	17.90	14.47	17.30	
17	129.79	3045.80	40.61	48.12	684.62	3561.30	6686.94	104.85	13.48	17.30	16.71	17.90	
18	129.79	2245.27	37.02	40.61	2273.35	2301.54	6778.89	122.81	17.90	17.90	14.98	17.30	
19	208.86	2273.35	37.02	48.12	10106.22	2052.06	4304.35	83.79	18.50	17.90	16.13	17.90	
20	190.12	1918.87	911.71	37.02	2979.14	5135.09	3317.34	78.78	21.62	17.90	16.13	17.90	
21	144.14	1789.02	527.61	40.61	1089.17	6825.02	2161.75	88.90	20.36	17.90	16.13	17.30	
22	144.14	1259.24	174.32	37.02	651.92	3146.71	2079.30	78.78	20.99	17.90	16.13	17.90	
23	144.14	1109.97	122.81	44.31	1048.45	1151.97	1662.28	136.90	22.27	17.90	17.30	18.50	
24	129.79	684.62	94.12	64.38	2566.32	751.62	1303.81	30.19	20.99	17.30	17.30	18.50	
25	166.60	158.99	78.78	56.05	5717.55	513.53	1151.97	174.32	20.99	14.98	17.30	18.50	
26	73.87	268.53	94.12	44.31	7935.54	684.62	1028.52	60.17	20.36	15.55	17.30	17.90	
27	60.17	166.60	485.74	30.19	5175.88	717.85	1048.45	37.02	20.36	15.55	17.30	17.30	
28	60.17	268.53	2753.12	22.40	2658.68	2880.77	950.12	52.04	20.36	15.55	16.71	16.71	
29	64.38	513.53	6193.23	30.19	3248.72	7020.11	838.29	52.04	20.36	16.71	16.13	16.13	
30	99.44	268.53	1466.69	52.04	5506.03	4458.75	803.24	37.02	20.36	16.13		16.13	
31		73.87		2024.95	5175.88		751.62		20.36	16.71		17.90	
Total	2879.57	27690.46	16238.94	5305.89	69183.11	94292.07	103359.51	5246.68	1082.67	556.69	530.88	539.73	326906.20 Ton/day
Mean	95.99	893.24	541.30	171.16	2231.71	3143.07	3334.18	174.89	34.92	17.96	18.31	17.41	Ton/day
Max	208.86	3045.80	6193.23	2024.95	10106.22	12135.90	7677.46	1048.45	94.12	20.36	23.57	20.36	12135.90 Ton/day
Min	8.50	73.87	26.95	22.40	322.95	513.53	751.62	30.19	8.50	14.98	14.47	14.47	8.50 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	20		
R-Square	0.8087		
Remarks	Continued Sediment Station		

$$QS = 1.0301 QW^{1.43740}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	16.72	23.28	174.96	1920.49	232.60	4413.64	4542.48	1021.53	757.72	517.97	8.24	7.02	
2	16.20	19.91	150.10	955.72	747.81	3725.63	2707.90	916.88	757.72	503.29	13.21	5.48	
3	15.18	19.37	113.84	496.00	632.04	3045.66	1638.02	981.88	698.86	517.97	15.18	4.07	
4	14.68	21.58	161.01	350.70	562.77	3131.97	1145.77	995.04	777.67	488.74	15.69	9.97	
5	14.19	42.26	205.38	293.32	968.78	3695.21	904.05	916.88	891.27	344.17	32.34	8.67	
6	14.68	94.54	192.16	250.13	650.92	4096.52	1145.77	1277.49	787.70	222.27	46.92	5.12	
7	13.70	202.05	236.07	239.56	377.18	3277.43	2250.72	1034.85	689.19	123.89	52.95	3.41	
8	13.21	257.25	172.14	236.07	305.80	2791.20	3103.12	1048.22	689.19	70.95	56.92	2.40	
9	13.21	1262.64	163.77	195.44	747.81	1745.10	3395.24	1021.53	853.26	43.41	50.51	21.58	
10	11.32	891.27	177.79	218.86	968.78	1449.65	3248.18	891.27	777.67	28.00	48.11	12.26	
11	10.87	632.04	161.01	174.96	1145.77	1160.19	2707.90	840.70	737.94	22.71	70.95	9.09	
12	11.32	474.32	126.44	139.43	1117.10	995.04	4065.20	968.78	679.56	21.02	106.48	6.24	
13	10.87	1416.16	116.33	113.84	818.02	942.72	3971.70	916.88	624.22	19.91	131.59	5.12	
14	9.97	3277.43	106.48	99.26	650.92	1088.65	3189.91	510.61	641.46	17.76	152.80	4.07	
15	9.53	6172.84	92.21	85.88	474.32	4033.96	2931.74	293.32	689.19	16.72	134.19	3.73	
16	9.97	3103.12	79.14	77.48	383.89	5102.44	2680.30	253.68	698.86	14.68	123.89	5.12	
17	10.87	2382.50	69.35	74.19	363.87	4672.45	2355.97	708.57	718.32	16.72	108.91	5.48	
18	12.73	2100.90	67.75	80.81	547.71	3544.26	2250.72	1048.22	689.19	17.24	92.21	5.48	
19	14.19	1960.15	66.17	79.14	593.25	2847.16	3074.35	1048.22	641.46	18.29	77.48	5.48	
20	13.70	1603.25	64.60	82.49	1145.77	2516.54	2847.16	916.88	632.04	17.24	61.49	8.24	
21	12.73	1160.19	70.95	77.48	2931.74	4902.55	2100.90	777.67	641.46	16.72	46.92	7.42	
22	12.73	818.02	79.14	75.83	1416.16	5270.86	1690.60	916.88	641.46	15.69	35.56	5.86	
23	13.21	679.56	229.14	74.19	787.70	3484.42	1449.65	878.54	616.44	14.68	27.39	4.41	
24	17.76	488.74	172.14	212.09	1841.91	1881.07	1432.87	853.26	577.95	14.19	19.91	2.79	
25	21.58	344.17	123.89	1399.50	2960.09	1102.84	1233.10	891.27	532.78	14.68	13.70	2.40	
26	20.46	289.19	104.06	608.68	4510.16	787.70	1203.78	767.67	525.36	13.70	14.19	2.02	
27	17.24	198.73	169.33	460.03	4190.90	955.72	1117.10	747.81	510.61	10.41	12.26	3.73	
28	17.24	189.26	397.42	424.90	3365.67	1382.91	1021.53	878.54	503.29	9.53	10.41	4.07	
29	19.91	163.77	787.70	540.23	2329.52	1399.50	1048.22	840.70	517.97	8.24	8.67	4.07	
30	26.79	152.80	1203.78	301.62	2435.85	3756.13	1021.53	757.72	525.36	7.42		3.41	
31		172.14		186.37	3604.41		995.04		525.36	7.42		2.59	
Total	436.76	30613.43	6034.25	10524.69	43809.22	83199.12	68470.52	25921.49	20550.53	3175.63	1589.07	180.80	294505.51 Tonday
Mean	14.56	987.53	201.14	339.51	1413.20	2773.30	2208.73	864.05	662.92	102.44	54.80	5.83	Ton/day
Max	26.79	6172.84	1203.78	1920.49	4510.16	5270.86	4542.48	1277.49	891.27	517.97	152.80	21.58	6172.84 Ton/day
Min	9.53	19.37	64.60	74.19	232.60	787.70	904.05	253.68	503.29	7.42	8.24	2.02	2.02 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	34		
R-Square	0.9784		
Remarks	Continued Sediment Station		

$$QS = 50.1000 QW^{0.85000}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	103.95	283.40	999.66	1104.43	1519.22	2215.37	1958.23	911.58	450.82	218.64	254.27	158.62	
2	94.13	247.22	686.02	835.98	3430.18	1701.59	1583.59	1092.33	432.25	218.64	441.55	180.59	
3	89.54	218.64	782.28	654.50	2350.16	1457.19	1419.75	1944.39	422.92	218.64	911.58	180.59	
4	84.90	240.13	592.82	544.27	1432.25	1383.08	1370.98	1346.72	407.08	211.40	563.78	180.59	
5	84.90	261.29	534.47	487.55	1140.60	1755.39	1419.75	1140.60	407.08	204.11	415.01	169.67	
6	80.22	1648.18	696.47	422.92	922.29	1661.05	3335.41	999.66	391.14	204.11	350.76	158.62	
7	80.22	1055.88	890.10	415.01	1273.70	1903.68	3900.59	922.29	383.12	196.77	313.24	153.04	
8	80.22	803.73	573.49	407.08	932.97	1570.61	3176.39	857.70	383.12	196.77	275.85	147.42	
9	75.50	602.44	441.55	407.08	911.58	1358.86	2515.22	771.52	367.00	196.77	247.22	141.77	
10	75.50	524.64	367.00	399.13	1661.05	1494.46	3837.31	739.07	350.76	191.41	233.01	137.15	
11	80.22	391.14	327.97	375.08	1635.30	1383.08	3493.10	706.90	335.29	191.41	218.64	132.50	
12	80.22	327.97	283.40	320.62	1152.61	3853.15	3351.24	739.07	327.97	191.41	204.11	132.50	
13	84.90	432.25	327.97	305.83	922.29	5936.62	3319.57	696.47	327.97	186.01	191.41	127.83	
14	94.13	675.54	305.83	298.38	803.73	3445.93	2843.35	686.02	320.62	180.59	175.15	123.12	
15	94.13	2305.39	275.85	283.40	675.54	2827.68	2764.86	675.54	313.24	175.15	164.16	132.50	
16	94.13	2395.22	814.42	290.91	592.82	2921.46	3571.47	665.03	305.83	180.59	158.62	123.12	
17	132.50	1715.07	496.65	283.40	1469.63	2685.97	4257.18	633.33	298.38	180.59	147.42	127.83	
18	147.42	1596.54	375.08	261.29	5671.52	1917.12	3112.39	622.70	283.40	180.59	153.04	123.12	
19	132.50	1570.61	1782.19	247.22	3128.41	2365.06	2410.28	612.04	313.24	180.59	153.04	113.60	
20	153.04	1557.62	2054.60	247.22	1557.62	3414.41	1944.39	592.82	290.91	180.59	137.15	113.60	
21	153.04	999.66	1176.80	225.84	1322.38	2623.84	1849.76	602.44	283.40	180.59	132.50	118.38	
22	196.77	782.28	728.20	261.29	1383.08	1715.07	1583.59	592.82	247.22	180.59	132.50	113.60	
23	169.67	622.70	633.33	290.91	1795.55	1407.23	1457.19	583.17	211.40	180.59	132.50	113.60	
24	147.42	514.78	487.55	290.91	3445.93	1213.30	1334.56	573.49	247.22	175.15	137.15	113.60	
25	132.50	432.25	375.08	298.38	3948.92	1080.21	1237.52	534.47	240.13	175.15	137.15	113.60	
26	127.83	534.47	391.14	305.83	3477.39	1225.42	1152.61	514.78	225.84	169.67	137.15	108.79	
27	118.38	612.04	2380.15	487.55	2455.35	2275.45	1092.33	496.65	218.64	164.16	132.50	108.79	
28	137.15	478.41	4352.27	771.52	2127.34	4755.80	1032.71	487.55	218.64	169.67	132.50	141.77	
29	175.15	460.05	2968.15	1557.62	3789.73	3727.32	977.52	469.25	218.64	169.67	137.15	137.15	
30	275.85	524.64	1674.58	3445.93	3382.85	2733.35	944.15	460.05	218.64	186.01		118.38	
31		706.90		1596.54	2843.35		900.85		218.64	204.11		123.12	
Total	3576.03	25521.08	28775.07	18123.62	63155.34	70008.75	69147.84	22670.45	9660.55	5840.14	6920.11	4168.56	327567.54 Ton/day
Mean	119.20	823.26	959.17	584.63	2037.27	2333.63	2230.58	755.68	311.63	188.39	238.62	134.47	Ton/day
Max	275.85	2395.22	4352.27	3445.93	5671.52	5936.62	4257.18	1944.39	450.82	218.64	911.58	180.59	5936.62 Ton/day
Min	75.50	218.64	275.85	225.84	592.82	1080.21	900.85	460.05	211.40	164.16	132.50	108.79	75.50 Ton/day

WATER YEAR : 2007**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	1997-Cont'd		
Actual Measurement	1997-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	215		
R-Square	0.7172		
Remarks	Continued Sediment Station		

$$QS = 2.4485 QW^{1.12280}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.61	0.47	9.67	17.62	4.89	9.04	52.75	6.24	0.40	29.87	10.96	32.41	
2	10.64	0.47	9.67	17.11	4.68	7.78	69.75	22.40	0.40	29.87	10.96	32.41	
3	10.64	0.52	10.96	17.11	4.68	7.47	58.95	24.22	0.40	29.87	10.96	33.03	
4	10.96	0.95	10.96	17.11	4.68	7.16	49.69	23.62	0.40	29.87	10.96	33.03	
5	10.96	7.16	11.29	17.11	4.89	7.16	78.74	21.77	0.40	29.87	10.64	31.14	
6	10.96	7.47	10.32	17.11	4.24	7.78	375.06	21.24	0.40	29.87	9.99	31.14	
7	12.10	3.80	11.61	17.11	1.12	24.22	244.25	22.40	0.40	29.87	9.04	31.14	
8	17.62	3.80	10.32	17.11	1.12	10.64	170.81	22.40	0.40	29.87	9.04	25.46	
9	17.11	10.96	10.32	17.11	5.63	8.72	104.17	22.40	0.40	31.14	8.72	7.78	
10	17.11	9.67	10.96	16.60	9.04	8.41	77.73	18.65	0.63	31.14	8.72	7.78	
11	15.59	11.61	10.64	16.60	7.78	7.78	104.17	1.00	3.80	30.49	8.72	7.78	
12	11.29	27.96	10.32	16.10	7.78	9.99	106.46	0.83	30.49	27.96	9.04	7.78	
13	9.99	36.27	10.32	14.58	7.78	8.41	123.71	0.63	30.49	21.24	9.04	7.78	
14	10.32	26.10	10.32	11.29	8.41	8.41	113.33	0.75	30.49	21.24	9.04	7.78	
15	10.32	26.10	9.99	11.29	8.09	8.09	91.70	0.63	31.14	21.24	9.04	15.59	
16	10.32	25.46	9.67	10.96	7.78	20.20	69.75	0.59	31.76	20.72	9.04	15.59	
17	10.32	23.62	12.59	11.29	7.47	9.67	50.45	0.52	32.41	20.72	9.04	15.59	
18	7.16	24.22	10.96	10.64	7.16	11.61	38.19	0.47	33.03	28.61	9.04	15.59	
19	1.51	22.99	12.10	7.78	6.54	30.49	29.22	0.47	33.03	28.61	9.04	15.59	
20	1.12	22.99	11.61	7.16	5.93	24.86	22.99	0.47	33.03	28.61	17.62	15.59	
21	1.07	22.99	13.58	6.85	5.63	14.08	18.14	0.47	32.41	29.22	17.62	17.62	
22	1.00	18.14	11.29	5.93	6.54	9.36	14.08	0.47	32.41	29.22	18.14	16.10	
23	0.95	9.99	10.96	5.93	5.93	8.72	11.61	0.40	31.76	29.87	18.65	16.10	
24	0.88	9.67	10.96	7.16	7.47	8.41	9.67	0.40	31.76	29.87	18.65	16.10	
25	0.75	9.67	10.64	7.47	6.54	7.78	9.04	0.40	32.41	29.87	18.65	17.62	
26	2.95	9.67	10.64	14.58	8.72	7.78	8.72	0.40	27.96	29.87	17.62	16.60	
27	1.00	9.36	12.59	6.54	7.16	13.09	2.73	0.47	17.11	30.49	18.14	16.60	
28	0.59	9.67	19.17	5.33	6.54	19.17	2.31	0.47	17.11	31.14	20.20	16.60	
29	0.52	9.67	18.65	5.12	7.78	67.77	2.12	0.47	19.68	27.35	20.20	16.10	
30	0.52	9.67	18.65	6.24	40.80	19.68	2.31	0.47	30.49	16.60		16.10	
31		9.67		5.12	14.58		2.12		30.49	12.10		16.10	
Total	227.88	420.76	351.73	365.06	237.38	413.73	2114.72	216.12	597.49	846.28	366.52	571.62	6729.29 Tonday
Mean	7.60	13.57	11.72	11.78	7.66	13.79	68.22	7.20	19.27	27.30	12.64	18.44	Ton/day
Max	17.62	36.27	19.17	17.62	40.80	67.77	375.06	24.22	33.03	31.14	20.20	33.03	375.06 Ton/day
Min	0.52	0.47	9.67	5.12	1.12	7.16	2.12	0.40	0.40	12.10	8.72	7.78	0.40 Ton/day

WATER YEAR : 2007**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.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	33		
R-Square	0.9388		
Remarks	Continued Sediment Station		

$$QS = 1.0501 QW^{1.49890}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	9.28	9.28	97.43	1477.33	742.18	5010.53	3574.80	243.07	54.14	24.42	2.22	4.40	
2	8.99	9.58	81.54	508.35	497.79	3546.53	1912.81	243.07	56.26	23.40	2.03	4.25	
3	9.28	10.17	132.37	272.95	487.31	4185.26	1077.85	243.07	69.53	22.39	2.22	4.25	
4	9.28	10.17	207.38	280.60	965.95	3978.23	767.48	265.37	56.26	22.39	6.98	4.76	
5	8.99	11.09	137.12	221.43	818.91	5964.71	668.00	573.24	40.31	22.39	5.31	4.40	
6	8.99	265.37	152.53	176.22	416.03	3406.34	1787.80	386.64	38.84	22.39	4.76	3.52	
7	8.99	250.43	97.43	146.79	201.01	2578.40	3490.23	288.93	40.31	20.75	5.31	3.38	
8	8.70	386.64	118.45	164.23	214.37	1566.06	4185.26	331.78	41.80	22.39	4.58	2.53	
9	8.70	793.06	141.93	201.01	280.60	1305.11	3745.94	265.37	43.32	21.56	3.66	3.10	
10	8.70	584.82	146.79	137.12	805.95	1035.41	2371.84	207.38	40.31	19.95	2.97	2.97	
11	8.70	386.64	105.06	97.43	1238.24	717.17	3546.53	194.71	27.58	18.38	3.24	2.75	
12	8.45	620.02	97.43	81.54	780.23	767.48	4738.60	170.19	27.58	17.61	2.22	3.10	
13	8.20	979.71	72.47	69.53	692.44	818.91	2886.73	146.79	26.51	17.61	2.33	4.58	
14	8.20	5747.92	67.25	60.58	416.03	3919.72	2417.24	137.12	27.58	17.61	2.12	4.40	
15	8.20	2105.51	54.14	56.26	288.93	6110.72	2440.05	127.67	27.58	17.61	2.53	4.25	
16	8.20	2814.55	49.99	54.14	280.60	4066.53	1638.28	127.67	27.58	17.61	3.24	2.97	
17	8.20	2281.89	52.05	56.26	386.64	3490.23	1548.18	127.67	25.46	16.10	3.38	5.13	
18	8.20	2193.11	46.39	56.26	573.24	2462.94	2695.62	127.67	25.46	16.10	2.64	4.76	
19	7.95	1808.44	44.84	47.95	620.02	1808.44	2959.51	127.67	24.42	16.10	3.66	4.76	
20	7.95	1208.53	44.84	58.41	5079.30	3948.94	1730.06	123.04	26.51	16.10	3.95	4.76	
21	8.45	818.91	47.95	56.26	1870.82	8305.00	1424.92	123.04	23.40	3.88	5.31	4.40	
22	10.78	680.19	349.47	54.14	631.90	5747.92	1106.46	113.93	23.40	3.17	5.89	4.40	
23	10.78	551.32	146.79	49.99	508.35	2555.17	692.44	109.47	25.46	1.15	4.58	5.13	
24	10.78	436.01	94.18	952.25	1238.24	1021.39	562.24	87.78	23.40	0.22	3.95	4.94	
25	8.70	272.95	84.64	250.43	2695.62	692.44	456.30	62.78	22.39	2.53	3.10	5.50	
26	8.70	194.71	94.18	221.43	5427.77	668.00	406.15	54.14	21.56	2.43	4.10	4.76	
27	8.70	176.22	201.01	207.38	5357.46	1223.35	349.47	54.14	20.75	1.47	4.25	5.89	
28	9.58	132.37	818.91	182.31	3185.99	1049.50	349.47	56.26	22.39	0.97	4.25	6.75	
29	9.58	113.93	1106.46	100.72	2648.52	2304.27	297.34	54.14	22.39	1.65	4.76	7.46	
30	9.28	100.72	3106.88	75.46	2959.51	7353.13	288.93	62.78	23.40	2.03		6.98	
31		94.18		56.26	4471.77		228.57		22.39	2.03		6.75	
Total	267.48	26048.44	7997.90	6431.02	46781.72	91607.83	56345.10	5236.58	998.27	414.39	109.54	141.98	242380.25 Ton/day
Mean	8.92	840.27	266.60	207.45	1509.09	3053.59	1817.58	174.55	32.20	13.37	3.78	4.58	Ton/day
Max	10.78	5747.92	3106.88	1477.33	5427.77	8305.00	4738.60	573.24	69.53	24.42	6.98	7.46	8305.00 Ton/day
Min	7.95	9.28	44.84	47.95	201.01	668.00	228.57	54.14	20.75	0.22	2.03	2.53	0.22 Ton/day

WATER YEAR : 2007**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 Tham	Amphoe Nong Muang Khai	Changwat Phrae
Drainage Area	425 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	33		
R-Square	0.8896		
Remarks	Continued Sediment Station		

$$QS = 3.3816 QW^{1.45480}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.16	1.61	7.82	69.91	23.04	117.79	36.60	12.68	6.10	3.63	3.63	0.96	
2	1.16	1.61	7.82	85.90	15.92	108.36	36.60	12.68	6.10	3.63	4.09	0.96	
3	1.16	2.36	7.82	113.05	18.20	103.74	25.59	12.68	6.10	3.19	3.63	1.16	
4	1.16	4.09	7.82	103.74	23.04	241.60	25.59	11.65	6.10	3.19	3.19	1.16	
5	1.16	6.10	7.82	155.59	20.58	117.79	33.73	11.65	6.10	2.36	2.76	0.96	
6	1.16	6.10	5.57	213.01	15.92	73.61	39.53	11.65	6.10	2.36	1.97	1.61	
7	1.16	6.10	5.57	185.57	15.92	62.67	30.94	10.65	6.10	2.76	1.97	1.61	
8	1.16	13.73	5.57	206.04	13.73	48.98	28.23	11.65	6.10	2.36	1.61	1.61	
9	1.16	9.68	5.57	127.93	13.73	45.72	28.23	11.65	5.57	2.76	1.61	1.61	
10	1.16	8.74	5.57	90.26	15.92	42.54	45.72	12.68	5.57	2.76	1.61	1.61	
11	1.16	13.73	5.06	48.98	20.58	52.30	52.30	10.65	5.57	2.36	1.61	1.16	
12	1.16	10.65	5.06	42.54	23.04	48.98	52.30	10.65	5.57	2.36	1.61	1.16	
13	1.16	10.65	5.06	42.54	25.59	55.69	52.30	8.74	5.57	2.36	1.61	1.16	
14	1.16	13.73	5.06	48.98	25.59	94.69	52.30	8.74	6.10	2.36	1.61	1.16	
15	1.16	18.20	5.06	42.54	25.59	90.26	48.98	8.74	6.10	1.61	1.16	1.16	
16	1.16	23.04	7.82	39.53	23.04	94.69	45.72	9.68	5.06	1.61	1.16	1.16	
17	1.61	25.59	7.82	36.60	23.04	90.26	36.60	8.74	5.06	1.61	1.16	1.16	
18	1.61	25.59	9.68	42.54	144.32	81.60	28.23	7.82	5.06	1.61	1.16	1.16	
19	1.61	25.59	5.57	45.72	45.72	73.61	23.04	7.82	5.06	1.61	1.16	1.16	
20	1.61	25.59	5.57	36.60	13.73	108.36	18.20	7.82	5.06	1.61	1.16	1.16	
21	1.38	20.58	7.82	248.93	45.72	99.18	14.81	8.74	4.57	1.61	1.16	0.96	
22	1.38	14.81	8.74	199.14	25.59	69.91	12.68	8.74	4.57	1.61	1.16	0.96	
23	2.36	14.81	9.68	127.93	66.26	59.15	14.81	8.74	4.57	1.61	1.16	0.76	
24	1.61	13.73	10.65	62.67	81.60	39.53	12.68	7.82	3.63	1.61	1.16	0.76	
25	2.36	11.65	7.82	55.69	108.36	36.60	12.68	7.82	3.63	1.61	1.16	0.76	
26	2.36	10.65	7.82	167.12	161.32	36.60	12.68	7.82	2.76	1.61	0.96	0.96	
27	2.36	10.65	23.04	422.04	85.90	42.54	12.68	7.82	2.76	1.61	0.96	0.96	
28	2.36	10.65	12.68	213.01	77.38	42.54	12.68	7.82	2.36	1.61	0.96	0.96	
29	2.76	10.65	7.82	149.92	69.91	39.53	12.68	7.82	2.36	0.59	0.96	0.96	
30	2.76	10.65	6.10	199.14	161.32	36.60	12.68	7.82	2.36	0.59	0.96	0.96	
31		10.65		553.14	144.32		12.68		2.36	0.59		0.96	
Total	46.69	391.96	230.88	4176.30	1573.92	2255.42	884.47	289.98	150.08	62.75	49.11	34.81	10146.37 Tonday
Mean	1.56	12.64	7.70	134.72	50.77	75.18	28.53	9.67	4.84	2.02	1.69	1.12	Ton/day
Max	2.76	25.59	23.04	553.14	161.32	241.60	52.30	12.68	6.10	3.63	4.09	1.61	553.14 Ton/day
Min	1.16	1.61	5.06	36.60	13.73	36.60	12.68	7.82	2.36	0.59	0.96	0.76	0.59 Ton/day

WATER YEAR : 2007

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
Drainage Area	4,560 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1979-Cont'd		
Actual Measurement	1979-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	34		
R-Square	0.9760		
Remarks	Continued Sediment Station		

$$QS = 0.1270 QW^{1.98160}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	7.90	30.36	279.74	609.55	22882.06	3801.84	3102.33	1060.21	91.41	15.54	66.62	1.70		
2	6.79	20.88	242.74	427.67	34812.86	2845.13	2366.44	1201.05	84.85	15.54	2145.66	2.08		
3	6.79	13.16	395.12	363.84	26410.63	3927.37	1856.20	1033.26	78.53	15.54	878.79	1.88		
4	3.19	20.88	319.33	363.84	12836.88	13700.24	1591.30	903.67	78.53	13.16	166.81	1.70		
5	2.29	33.91	279.74	379.32	7113.98	32948.61	1817.13	806.20	72.46	11.72	55.69	1.20		
6	2.08	176.74	478.89	292.65	5896.67	25796.21	13326.82	649.75	72.46	11.72	30.36	1.20		
7	2.08	197.46	589.93	395.12	6210.23	19222.57	17493.59	551.64	66.62	11.72	20.88	1.20		
8	2.29	138.71	208.35	629.49	3927.37	12001.37	17194.28	514.63	66.62	10.36	15.54	1.05		
9	2.50	105.25	98.21	2366.44	4382.65	7720.73	13575.20	478.89	61.04	9.09	10.36	1.05		
10	2.50	72.46	55.69	878.79	7457.68	5591.16	16457.20	411.24	61.04	7.90	9.09	1.05		
11	2.50	37.65	33.91	514.63	5896.67	17644.21	12958.51	379.32	50.58	7.90	6.79	1.05		
12	2.50	20.88	23.85	333.85	3556.83	37704.50	16457.20	319.33	50.58	6.79	5.77	0.91		
13	2.29	45.72	20.88	242.74	2895.69	10633.90	17795.46	267.12	45.72	6.79	4.83	0.78		
14	2.29	186.96	13.16	197.46	2103.04	7371.00	10856.12	305.84	41.59	5.77	3.97	0.78		
15	2.50	176.74	20.88	197.46	1354.57	8636.40	8444.27	305.84	37.65	5.77	3.19	0.70		
16	4.83	105.25	50.58	176.74	3102.33	8352.07	9874.05	292.65	37.65	5.77	2.50	0.63		
17	3.97	186.96	98.21	138.71	14615.67	6370.02	7632.55	267.12	33.91	5.77	2.29	0.63		
18	2.08	254.79	1231.03	121.41	6450.67	5293.71	5974.31	242.74	33.91	5.77	2.29	0.63		
19	2.08	609.55	9556.94	147.79	3496.84	5896.67	4862.64	219.53	33.91	4.83	2.08	1.88		
20	23.85	714.23	3050.01	166.81	2458.55	6531.83	4054.93	208.35	30.36	4.83	2.29	1.20		
21	157.16	589.93	954.48	157.16	2946.69	3739.83	3378.38	208.35	30.36	4.83	2.08	0.78		
22	50.58	292.65	551.64	254.79	4184.50	2552.40	2845.13	197.46	27.01	3.97	2.08	0.70		
23	10.36	121.41	363.84	254.79	7544.86	2145.66	2321.04	186.96	27.01	3.19	2.08	0.70		
24	4.83	98.21	242.74	208.35	11080.62	1856.20	2019.07	166.81	23.85	2.50	2.08	0.70		
25	2.50	121.41	208.35	806.20	11884.29	1483.96	1778.46	147.79	23.85	2.29	2.08	0.63		
26	2.50	72.46	186.96	806.20	12001.37	1451.06	1451.06	138.71	20.88	2.29	1.70	0.91		
27	4.83	50.58	903.67	1171.45	6289.87	4722.97	1323.13	121.41	20.88	2.29	1.70	6.79		
28	6.79	98.21	2412.28	3864.35	4449.70	22519.94	1201.05	105.25	20.88	2.29	1.70	1.88		
29	55.69	854.25	2552.40	6052.44	4054.93	6210.23	1060.21	98.21	18.11	2.50	1.70	1.05		
30	41.59	230.99	903.67	2696.45	5075.91	4054.93	980.40	98.21	18.11	7.90		0.91		
31		208.35		1740.20	4449.70		928.90		18.11	10.36		0.70		
Total	424.13	5886.99	26327.22	26956.69	251824.31	292726.72	206977.36	11887.54	1378.47	226.69	3453.00	39.05	828108.17	Ton/day
Mean	14.14	189.90	877.57	869.57	8123.36	9757.56	6676.69	396.25	44.47	7.31	119.07	1.26		Ton/day
Max	157.16	854.25	9556.94	6052.44	34812.86	37704.50	17795.46	1201.05	91.41	15.54	2145.66	6.79	37704.50	Ton/day
Min	2.08	13.16	13.16	121.41	1354.57	1451.06	928.90	98.21	18.11	2.29	1.70	0.63	0.63	Ton/day

WATER YEAR : 2007

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	1994-2007		
Number of observation	319		
R-Square	0.8750		
Remarks	Continued Sediment Station		

$$QS = 0.4757 QW^{1.57190}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	40.88	177.07	641.71	1736.29	15726.86	6705.09	4106.48	1916.98	522.60	222.81	222.81	77.32	
2	37.16	155.66	725.96	1340.68	32117.91	4954.68	3368.42	2483.45	503.63	222.81	662.42	77.32	
3	33.58	125.48	1027.30	1371.77	37551.78	4665.53	2888.74	2031.61	484.91	222.81	2031.61	84.59	
4	30.13	155.66	1109.06	1081.55	18849.81	10763.84	2571.58	1807.78	484.91	211.02	641.71	84.59	
5	26.81	791.59	836.48	1371.77	10598.34	28870.39	2796.76	1736.29	484.91	211.02	395.25	77.32	
6	26.81	2751.17	1054.30	1340.68	7782.56	23205.55	11181.94	1596.48	466.44	211.02	281.36	70.29	
7	23.64	1164.82	1109.06	1193.08	7782.56	18199.11	17987.53	1340.68	466.44	199.47	222.81	63.51	
8	23.64	561.32	683.36	1596.48	5621.37	13899.74	16840.01	1279.30	448.25	199.47	199.47	63.51	
9	23.64	361.29	430.31	3219.12	5952.64	9545.28	13356.92	1109.06	448.25	199.47	177.07	56.98	
10	26.81	251.47	296.76	2150.25	9229.48	8456.77	15628.09	1109.06	430.31	188.15	177.07	50.72	
11	26.81	188.15	222.81	1403.11	8380.88	7344.42	15235.27	1054.30	412.65	188.15	166.24	50.72	
12	23.64	145.34	222.81	1054.30	5752.96	29530.93	13446.79	1000.55	412.65	177.07	155.66	50.72	
13	26.81	581.05	211.02	813.92	4665.53	13808.78	16737.06	976.46	395.25	177.07	145.34	50.72	
14	30.13	791.59	199.47	791.59	4216.21	9864.94	12121.64	952.59	378.13	177.07	135.28	44.72	
15	37.16	541.83	211.02	704.54	3123.40	10188.69	10598.34	928.93	361.29	177.07	125.48	44.72	
16	44.72	412.65	430.31	683.36	2981.80	10515.94	11605.52	928.93	344.73	177.07	125.48	40.88	
17	40.88	769.48	448.25	641.71	14846.11	7930.56	11014.12	882.26	328.45	166.24	115.95	40.88	
18	40.88	769.48	2981.80	662.42	13808.78	6019.67	8004.94	859.26	328.45	166.24	115.95	37.16	
19	56.98	1027.30	8994.90	976.46	7782.56	6705.09	6705.09	813.92	312.46	166.24	115.95	77.32	
20	70.29	1164.82	4722.86	725.96	4608.47	7930.56	5430.33	769.48	312.46	155.66	107.78	50.72	
21	378.13	928.93	2150.25	641.71	5013.27	5430.33	4608.47	813.92	296.76	155.66	107.78	44.72	
22	296.76	621.25	1221.57	928.93	7562.46	4216.21	4052.01	769.48	296.76	155.66	99.82	44.72	
23	145.34	430.31	905.49	928.93	9784.66	2571.58	3573.85	725.96	281.36	145.34	92.09	37.16	
24	155.66	296.76	683.36	747.60	13177.83	2705.86	3171.13	683.36	266.26	145.34	92.09	37.16	
25	125.48	281.36	601.03	1631.04	17567.07	2353.36	2888.74	662.42	266.26	145.34	84.59	37.16	
26	63.51	281.36	683.36	1880.32	18415.08	2439.80	2571.58	641.71	251.47	135.28	84.59	40.88	
27	50.72	236.98	2660.83	1279.30	11350.69	3997.81	2353.36	601.03	251.47	135.28	77.32	37.16	
28	115.95	281.36	9151.13	6086.97	7489.61	19178.26	2150.25	581.05	251.47	125.48	70.29	77.32	
29	312.46	1027.30	5819.40	4216.21	8004.94	8456.77	2031.61	561.32	251.47	145.34	70.29	50.72	
30	236.98	905.49	2935.14	3075.94	8994.90	5250.11	1880.32	541.83	236.98	166.24		40.88	
31		1000.55		3075.94	8532.90		1807.78		222.81	211.02		40.88	
Total	2572.39	19178.87	53371.11	49351.93	337273.42	295705.65	232714.67	32159.45	11200.24	5481.91	7099.55	1683.47	1047792.66 Ton/day
Mean	85.75	618.67	1779.04	1592.00	10879.79	9856.85	7506.92	1071.98	361.30	176.84	244.81	54.31	Ton/day
Max	378.13	2751.17	9151.13	6086.97	37551.78	29530.93	17987.53	2483.45	522.60	222.81	2031.61	84.59	37551.78 Ton/day
Min	23.64	125.48	199.47	641.71	2981.80	2353.36	1807.78	541.83	222.81	125.48	70.29	37.16	23.64 Ton/day

WATER YEAR : 2007

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
Drainge 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	1997-2007		
Number of observation	209		
R-Square	0.8281		
Remarks	Continued Sediment Station		

$$QS = 2.0669 QW^{1.47570}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	38.06	464.01	3178.28	269.86	3677.32	2684.86	617.97	118.00	39.63	21.57	12.58	
2	0.00	34.98	457.04	2947.22	425.25	3575.65	1963.75	587.56	115.20	39.63	31.99	13.69	
3	0.00	73.06	384.31	2833.82	904.07	3494.97	1504.76	542.89	109.67	34.98	80.88	13.13	
4	6.18	101.55	301.22	1766.85	1726.67	3394.97	2115.77	528.25	106.94	31.99	106.94	13.69	
5	12.04	361.52	204.52	1416.29	1492.02	3575.65	7313.62	492.23	101.55	30.52	141.15	14.25	
6	6.62	972.01	168.73	818.79	852.58	5007.66	12111.25	464.01	99.41	31.99	115.20	13.13	
7	0.74	1517.54	162.46	595.11	419.32	5896.23	13067.90	431.21	115.20	30.52	82.88	12.58	
8	5.33	1713.35	191.25	478.06	264.74	4669.23	17432.38	401.69	93.10	29.08	61.80	14.25	
9	5.33	818.79	168.73	367.17	214.66	6479.95	19515.85	372.86	84.89	28.37	49.47	12.04	
10	4.52	485.13	115.20	285.40	269.86	10303.15	20877.55	344.72	82.88	28.37	38.06	9.95	
11	5.33	311.92	84.89	224.96	1104.45	11266.18	21949.84	317.31	78.90	28.37	30.52	10.46	
12	24.22	602.70	67.35	184.72	1913.90	10379.17	22077.13	290.64	76.94	27.66	28.37	10.46	
13	59.99	982.00	78.90	150.16	2047.75	11003.43	21254.03	280.19	74.99	26.96	26.27	9.95	
14	74.99	869.64	129.41	135.24	2098.70	11976.51	16730.33	269.86	71.14	26.27	24.22	9.95	
15	91.03	1766.85	109.67	126.52	1607.97	11619.59	11976.51	244.59	67.35	25.58	24.22	9.95	
16	78.90	3119.99	76.94	141.15	895.42	9963.31	8462.63	229.81	63.64	24.90	23.55	12.04	
17	46.11	1913.90	58.19	178.27	835.63	8285.09	6286.78	259.65	63.64	23.55	22.88	10.98	
18	31.99	1820.87	52.90	144.13	1329.56	7415.83	5139.84	214.66	59.99	22.88	21.57	11.50	
19	34.98	2150.04	54.65	118.00	2219.12	7313.62	4464.80	204.52	56.41	22.22	21.57	9.95	
20	29.08	1607.97	144.13	123.66	2703.34	9038.85	4071.94	187.98	54.65	20.92	20.92	12.58	
21	25.58	1231.44	557.65	118.00	3100.64	8214.41	3595.91	184.72	51.18	20.28	19.02	9.95	
22	41.22	972.01	1002.09	120.82	3515.09	6382.11	3100.64	175.07	47.78	20.92	18.40	9.44	
23	47.78	664.49	656.66	162.46	6317.15	5369.00	2412.67	168.73	46.11	20.92	17.18	9.95	
24	38.06	431.21	437.20	184.72	8713.22	4617.85	1403.79	165.59	42.83	20.92	15.99	10.98	
25	26.96	295.91	355.89	156.27	7898.79	4093.07	1209.97	153.21	42.83	20.28	14.82	10.46	
26	22.88	187.98	372.86	138.18	6349.60	4029.80	1083.72	147.14	42.83	20.92	14.25	13.13	
27	20.92	138.18	1156.82	165.59	4955.10	3821.20	962.05	144.13	42.83	20.28	13.13	13.13	
28	24.22	101.55	3474.90	147.14	4263.34	3042.82	861.09	135.24	41.22	20.28	13.13	11.50	
29	54.65	86.92	3656.91	112.43	3987.79	2909.26	793.75	132.31	39.63	20.28	13.13	11.50	
30	65.49	97.29	3295.91	95.19	3515.09	2890.34	720.13	123.66	39.63	19.65		11.50	
31		285.40		120.82	3656.91		656.66		39.63	19.65		10.98	
Total	885.14	25754.25	18441.39	17735.42	79867.59	193706.22	237801.90	8812.40	2170.99	798.77	1113.08	359.63	587446.78 Ton/day
Mean	29.50	830.78	614.71	572.11	2576.37	6456.87	7671.03	293.75	70.03	25.77	38.38	11.60	Ton/day
Max	91.03	3119.99	3656.91	3178.28	8713.22	11976.51	22077.13	617.97	118.00	39.63	141.15	14.25	22077.13 Ton/day
Min	0.00	34.98	52.90	95.19	214.66	2890.34	656.66	123.66	39.63	19.65	13.13	9.44	0.00 Ton/day

WATER YEAR : 2007**NAN RIVER BASIN****Khek River at Ban Wang Nok Aen , Phitsanulok (N.24A)**

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	2007		
Number of observation	19		
R-Square	0.9357		
Remarks	Continued Sediment Station		

$$QS = 2.2154 QW^{1.47690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.10	45.20	136.70	230.20	507.10	2489.50	1650.00	316.80	80.10	32.80	16.50	12.30	
2	13.50	34.40	118.50	243.50	387.40	2118.10	1219.90	307.10	77.00	32.00	21.10	11.80	
3	10.10	37.60	75.40	282.50	736.80	2897.90	1315.20	289.60	73.90	31.20	32.80	11.20	
4	9.10	40.90	59.70	370.20	455.00	2414.00	2311.40	277.80	70.90	29.70	36.80	11.20	
5	8.10	134.80	161.50	754.00	275.50	2228.50	37090.80	277.80	69.40	28.20	42.60	10.70	
6	8.10	140.40	320.10	584.50	225.80	6148.00	35591.90	252.50	66.40	27.50	38.40	10.70	
7	7.10	301.50	282.50	377.00	193.80	8797.50	7106.20	236.80	64.50	26.70	32.80	10.70	
8	13.50	537.60	230.20	280.20	169.40	4683.10	4886.10	221.50	61.60	26.00	29.00	10.10	
9	11.20	234.60	183.50	252.50	677.90	2988.00	3786.90	208.60	59.70	26.00	26.70	10.10	
10	10.10	138.60	106.30	204.30	2730.20	3279.10	5895.80	193.80	56.90	25.30	26.00	9.60	
11	14.10	101.20	171.40	383.90	2036.10	4055.90	5511.50	193.80	56.90	24.60	24.60	9.60	
12	29.00	169.40	296.70	299.10	1120.80	2527.50	4120.90	185.60	55.90	23.90	22.50	9.10	
13	30.50	303.90	397.80	230.20	736.80	4482.90	3291.20	179.50	54.10	23.20	21.10	9.10	
14	26.70	171.40	212.90	356.60	564.80	3863.10	2623.40	173.40	53.20	22.50	20.40	9.10	
15	39.20	202.20	294.40	669.60	415.40	4575.00	2126.20	167.40	51.30	21.80	19.80	8.60	
16	33.60	343.20	131.20	632.70	353.20	4397.20	1749.70	159.60	50.40	21.80	18.40	8.60	
17	38.40	673.70	149.90	580.60	694.50	4605.80	1465.80	151.80	48.70	21.10	17.80	8.60	
18	29.00	492.00	125.70	568.80	2818.60	3230.80	1232.50	146.10	46.90	21.10	16.50	8.60	
19	21.10	292.00	580.60	353.20	2246.90	3351.90	1302.40	142.30	46.00	19.80	15.90	8.10	
20	15.90	329.90	1012.60	333.20	1139.20	7427.80	1048.30	136.70	45.20	19.80	15.30	8.10	
21	12.30	228.00	762.60	810.50	694.50	6027.80	877.40	125.70	43.40	19.10	15.30	8.60	
22	10.70	151.80	477.10	503.30	942.50	3786.90	771.20	122.10	42.60	18.40	14.70	10.10	
23	10.10	125.70	292.00	282.50	766.90	2779.20	702.90	116.80	41.70	17.80	14.10	8.60	
24	9.60	125.70	301.50	250.30	1321.60	2019.80	632.70	108.00	40.10	17.80	14.10	8.60	
25	9.10	94.50	217.20	422.60	1859.40	1553.20	576.60	106.30	39.20	17.20	13.50	8.60	
26	8.60	69.40	891.00	282.50	948.30	1270.40	522.30	99.50	37.60	16.50	12.90	8.10	
27	8.60	56.90	1539.60	206.50	640.80	1406.20	477.10	96.20	36.00	16.50	12.90	7.60	
28	17.20	49.60	588.50	175.40	698.70	1526.10	440.50	92.90	36.00	15.90	13.50	7.60	
29	22.50	44.30	387.40	161.50	2357.80	2623.40	408.40	86.40	36.00	15.90	12.30	7.10	
30	25.30	108.00	289.60	294.40	1505.90	2604.10	380.50	83.20	35.20	15.90		7.10	
31		187.60		495.80	1672.70		339.80		34.40	15.90		7.10	
Total	523.40	5966.00	10794.10	11872.10	31894.30	106158.70	131455.50	5255.60	1611.20	691.90	618.30	285.00	307126.10 Ton/day
Mean	17.40	192.50	359.80	383.00	1028.80	3538.60	4240.50	175.20	52.00	22.30	21.30	9.20	Ton/day
Max	39.20	673.70	1539.60	810.50	2818.60	8797.50	37090.80	316.80	80.10	32.80	42.60	12.30	37090.80 Ton/day
Min	7.10	34.40	59.70	161.50	169.40	1270.40	339.80	83.20	34.40	15.90	12.30	7.10	7.10 Ton/day

WATER YEAR : 2007

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	2000-2007		
Number of observation	122		
R-Square	0.7951		
Remarks	Continued Sediment Station		

QS = 5.1932 QW^{1.35640}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	67.15	78.43	299.03	799.86	880.27	3114.69	1018.63	345.91	93.14	28.41	31.76	15.13	
2	56.36	43.60	320.69	427.85	1854.04	2742.62	1401.64	342.73	91.64	27.31	116.39	18.00	
3	52.44	68.54	146.84	630.41	1533.53	2482.62	1355.84	323.81	87.17	25.15	205.42	10.24	
4	48.60	197.13	110.06	431.23	928.09	1668.47	2622.61	305.18	85.70	24.09	130.97	11.53	
5	60.35	219.43	172.83	345.91	381.40	1794.88	7333.20	295.97	81.31	22.01	67.15	10.67	
6	57.68	227.95	202.65	308.26	251.08	2493.32	15926.47	274.78	76.99	20.99	51.15	11.96	
7	55.04	435.73	127.69	262.86	191.66	8512.27	11939.09	254.01	74.14	20.48	41.15	13.75	
8	55.04	387.95	91.64	251.08	178.15	11718.89	10634.35	239.44	69.93	19.98	37.56	13.30	
9	49.87	326.95	76.99	197.13	1863.95	6956.87	7618.83	225.10	68.54	18.98	34.05	13.75	
10	47.34	121.20	67.15	136.76	4157.38	8159.57	7810.83	208.20	63.05	18.49	32.90	12.85	
11	41.15	74.14	139.26	126.06	3770.59	14198.53	8276.70	197.13	59.01	18.98	31.76	12.40	
12	96.16	194.39	435.73	126.06	2514.75	8276.70	6770.67	188.94	53.74	17.51	30.63	13.30	
13	88.66	463.02	136.76	119.59	1588.73	5317.70	4755.63	183.53	51.15	17.03	28.41	12.85	
14	67.15	314.46	113.21	191.66	921.22	5032.46	3842.36	178.15	49.87	15.13	27.31	12.40	
15	53.74	387.95	96.16	205.42	595.86	4831.88	3251.62	170.18	48.60	14.67	28.41	11.53	
16	41.15	907.51	88.66	132.62	472.21	4870.12	2408.09	162.30	44.83	14.21	28.41	10.67	
17	31.76	1082.59	130.97	141.77	1176.75	5461.86	1863.95	151.94	43.60	13.75	25.15	11.09	
18	59.01	1604.60	440.25	164.91	5174.57	4453.87	1517.85	141.77	42.37	14.21	23.05	12.40	
19	105.37	1478.84	1486.62	117.99	11718.89	2999.89	1265.46	139.26	39.94	15.13	21.50	11.96	
20	71.33	893.86	1668.47	186.23	7714.67	3251.62	1068.29	134.27	37.56	17.03	20.48	11.09	
21	52.44	640.37	495.40	239.44	5558.52	4717.63	907.51	130.97	35.21	17.03	18.49	10.24	
22	39.94	320.69	615.54	349.10	7618.83	3131.72	794.57	127.69	34.05	19.98	19.48	11.09	
23	39.94	330.09	280.79	178.15	5558.52	2054.79	716.38	121.20	34.05	20.99	18.00	11.53	
24	31.76	129.33	274.78	164.91	3770.59	1549.25	645.37	113.21	32.90	20.48	15.60	11.96	
25	55.04	93.14	154.52	391.24	2792.12	1371.06	576.36	106.93	31.76	19.98	16.07	11.09	
26	72.73	75.57	665.46	202.65	1844.14	1486.62	514.16	103.82	30.63	18.49	17.03	11.96	
27	57.68	65.78	1243.12	129.33	1250.56	1355.84	463.02	102.28	30.63	16.07	17.03	17.03	
28	65.78	141.77	1580.81	110.06	928.09	1612.54	417.78	99.20	30.63	14.21	12.85	12.40	
29	157.10	90.14	2024.33	114.80	1416.99	1533.53	397.83	97.68	29.51	15.13	14.67	11.53	
30	96.16	374.88	1785.08	122.81	2198.48	1580.81	384.67	94.65	29.51	22.53		10.67	
31		481.45		186.23	2600.94		361.93		29.51	23.05		10.24	
Total	1873.92	12251.48	15471.49	7492.38	83405.57	128732.62	108861.69	5560.23	1610.67	591.48	1162.83	380.61	367394.97 Tonday
Mean	62.46	395.21	515.72	241.69	2690.50	4291.09	3511.67	185.34	51.96	19.08	40.10	12.28	Ton/day
Max	157.10	1604.60	2024.33	799.86	11718.89	14198.53	15926.47	345.91	93.14	28.41	205.42	18.00	15926.47 Ton/day
Min	31.76	43.60	67.15	110.06	178.15	1355.84	361.93	94.65	29.51	13.75	12.85	10.24	10.24 Ton/day

WATER YEAR : 2007**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	2001-2007					
Number of observation	115					
R-Square	0.7379					
Remarks	Continued Sediment Station					

$$QS = 3.7800 QW^{1.31100}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	15.13	16.45	56.23	185.04	43.18	385.27	138.46	96.96	34.49	21.98	53.14	17.80	
2	14.44	17.08	52.13	101.47	400.48	272.50	131.74	95.46	33.65	21.98	93.97	17.08	
3	13.83	16.45	28.75	73.12	449.54	208.58	226.59	93.97	32.82	21.98	93.97	17.08	
4	12.57	26.37	21.98	152.12	161.11	212.56	428.72	92.49	32.82	21.98	37.87	16.45	
5	11.91	38.73	21.98	99.96	89.54	226.59	964.01	89.54	31.18	21.23	37.87	16.45	
6	17.80	101.47	30.36	61.45	51.11	740.23	2036.43	88.07	31.18	20.56	34.49	15.13	
7	13.16	52.13	30.36	46.12	45.13	1160.85	2714.90	86.61	31.18	19.17	32.82	12.57	
8	16.45	47.11	25.58	38.73	59.35	1099.92	2274.66	84.12	31.18	19.17	23.42	13.83	
9	16.45	33.65	20.56	35.33	66.01	668.31	1750.25	80.41	31.18	19.17	19.17	12.57	
10	15.13	28.75	19.17	32.82	161.11	620.02	1425.18	77.96	31.18	19.17	19.83	12.57	
11	17.80	21.98	18.44	36.17	418.40	476.20	1086.24	76.75	29.55	17.80	17.80	13.16	
12	18.44	116.88	16.45	32.00	192.81	492.66	729.85	74.33	29.55	17.80	17.80	13.16	
13	30.36	60.40	15.75	29.55	135.09	555.07	552.16	70.73	29.55	17.80	17.80	13.83	
14	22.66	40.46	15.13	28.75	98.46	470.75	489.98	68.36	27.95	16.45	17.80	13.83	
15	18.44	104.51	13.16	31.18	79.19	501.01	397.93	66.01	25.58	16.45	17.80	14.44	
16	16.45	123.41	13.83	29.55	82.88	648.09	362.72	63.67	25.58	16.45	17.80	15.75	
17	16.45	70.73	12.57	26.37	245.08	584.38	321.03	61.45	25.58	16.45	17.80	14.44	
18	15.13	73.12	12.57	23.42	1095.17	380.23	283.90	60.40	25.58	16.45	17.80	13.16	
19	43.18	58.30	13.83	20.56	1081.87	330.73	261.75	58.30	25.58	16.45	17.80	12.57	
20	37.02	70.73	56.23	20.56	473.55	428.72	232.76	55.19	25.58	16.45	17.80	12.57	
21	20.56	42.21	29.55	24.11	426.13	385.27	214.50	53.14	24.88	16.45	17.80	12.57	
22	18.44	31.18	28.75	24.88	309.14	274.82	196.72	51.11	24.11	16.45	17.80	11.91	
23	15.13	26.37	25.58	24.88	352.80	236.85	179.45	50.10	23.42	16.45	16.45	10.88	
24	14.44	24.11	23.42	24.88	362.72	208.58	166.56	49.10	23.42	16.45	16.45	10.88	
25	13.83	21.98	19.83	24.88	257.56	194.70	166.56	48.10	23.42	16.45	17.08	10.88	
26	28.75	19.17	71.93	24.88	200.66	177.59	150.33	47.11	22.66	16.45	19.17	10.88	
27	20.56	17.08	362.72	22.66	162.92	177.59	136.71	45.13	22.66	16.45	17.80	11.91	
28	18.44	17.80	972.51	20.56	131.74	166.56	121.82	45.13	22.66	16.45	19.17	11.91	
29	19.17	18.44	678.48	25.58	133.36	204.61	112.20	44.15	21.98	16.45	18.44	11.39	
30	17.80	35.33	249.23	24.11	218.51	159.30	106.04	35.33	21.98	19.17		11.39	
31		36.17		27.16	512.10		99.96		21.98	25.58		11.39	
Total	569.92	1408.55	2957.06	1372.85	8496.70	12648.54	18460.11	2009.18	844.11	567.74	784.71	414.43	50533.90 Ton/day
Mean	19.00	45.44	98.57	44.29	274.09	421.62	595.49	66.97	27.23	18.31	27.06	13.37	Ton/day
Max	43.18	123.41	972.51	185.04	1095.17	1160.85	2714.90	96.96	34.49	25.58	93.97	17.80	2714.90 Ton/day
Min	11.91	16.45	12.57	20.56	43.18	159.30	99.96	35.33	21.98	16.45	16.45	10.88	10.88 Ton/day

WATER YEAR : 2007**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	2001-2007		
Number of observation	109		
R-Square	0.7598		
Remarks	Continued Sediment Station		

$$QS = 12.5250 QW^{1.65020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.15	14.66	105.13	60.61	161.02	2513.88	89.38	45.66	19.56	12.32	9.03	8.31	
2	6.15	20.05	23.92	34.57	1670.74	196.33	75.08	45.66	18.34	12.32	45.66	8.31	
3	6.15	44.30	14.66	18.10	246.92	132.17	66.09	45.66	18.34	12.32	19.56	8.31	
4	6.15	63.72	16.46	11.51	149.87	79.74	99.46	41.94	16.92	11.71	11.71	8.31	
5	6.15	85.38	32.44	10.14	75.08	99.46	27722.91	41.94	16.92	11.71	9.58	7.12	
6	6.15	63.72	20.05	8.67	66.09	6321.04	1970.45	41.94	16.92	11.71	9.03	7.12	
7	13.15	82.32	18.10	7.45	66.09	9895.74	1396.15	41.94	16.23	11.71	9.03	7.12	
8	8.67	47.05	14.66	7.45	340.55	953.51	759.33	41.94	16.23	11.71	13.15	7.12	
9	7.45	20.05	8.67	7.45	3582.48	486.03	847.71	41.94	15.32	11.71	12.32	7.12	
10	7.45	14.66	8.67	6.15	698.86	10936.02	1259.87	38.34	13.79	11.71	11.71	7.12	
11	10.14	11.51	7.45	5.10	263.18	605.71	711.00	38.34	12.32	10.91	11.71	7.12	
12	8.67	37.07	7.45	3.99	161.02	377.77	549.60	38.34	11.71	10.91	10.91	7.12	
13	13.15	130.08	7.45	3.35	120.86	322.52	517.88	38.34	10.33	10.33	10.91	7.12	
14	16.46	57.94	6.15	2.76	99.46	255.00	455.83	38.34	10.33	10.33	10.33	7.12	
15	14.66	18.10	6.15	1.72	66.09	216.27	349.71	38.34	9.58	10.33	9.58	7.12	
16	11.51	34.57	6.15	1.72	61.77	486.03	305.60	38.34	9.58	9.58	8.31	7.12	
17	10.14	37.07	201.24	1.72	61.77	255.00	223.94	34.88	9.58	9.58	7.12	9.03	
18	8.67	82.32	224.59	1.72	6030.84	208.70	187.24	34.88	9.58	9.58	7.12	9.03	
19	340.55	66.49	117.35	1.72	377.77	216.27	175.39	28.33	9.58	9.58	7.12	9.03	
20	30.07	63.72	105.13	16.46	158.20	465.24	166.71	25.27	9.58	9.58	7.12	9.03	
21	18.10	32.44	105.13	2.76	1165.93	216.27	155.40	25.27	9.58	9.58	7.12	9.03	
22	13.15	28.05	60.61	1.72	405.85	178.33	149.87	23.92	9.58	9.58	7.12	9.03	
23	11.51	18.10	25.81	1.72	184.25	152.63	137.97	22.34	9.58	9.58	7.12	9.03	
24	0.09	14.66	20.05	25.81	143.87	132.17	126.46	22.34	9.58	9.58	7.12	9.03	
25	14.66	13.15	14.66	5.10	84.51	109.95	115.36	21.06	9.58	9.58	7.79	9.03	
26	25.81	11.51	60.61	2.76	61.77	99.46	104.65	21.06	9.58	9.58	7.79	18.34	
27	20.05	10.14	453.28	1.72	49.51	84.51	94.37	21.06	9.58	9.58	7.79	11.71	
28	16.46	85.38	208.70	1.72	40.29	143.87	75.08	19.56	11.71	9.58	8.31	10.91	
29	14.66	92.09	186.04	1.72	36.75	126.46	66.09	19.56	10.33	9.58	8.31	9.03	
30	23.92	49.51	105.13	1.72	34.88	115.36	53.48	19.56	9.58	9.58		9.03	
31		32.44		1.72	94.37		49.51		9.58	9.58		8.31	
Total	696.05	1382.25	2191.89	260.83	16760.64	36381.44	39057.57	996.09	379.00	325.02	309.48	267.28	99007.54 Ton/day
Mean	23.20	44.59	73.06	8.41	540.67	1212.71	1259.92	33.20	12.23	10.48	10.67	8.62	Ton/day
Max	340.55	130.08	453.28	60.61	6030.84	10936.02	27722.91	45.66	19.56	12.32	45.66	18.34	27722.91 Ton/day
Min	0.09	10.14	6.15	1.72	34.88	79.74	49.51	19.56	9.58	9.58	7.12	7.12	0.09 Ton/day

WATER YEAR : 2007**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	2001-2007		
Number of observation	111		
R-Square	0.7736		
Remarks	Continued Sediment Station		

$$QS = 8.6937 QW^{1.33610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.73	3.72	64.47	43.20	677.08	402.39	160.83	83.77	26.30	12.34	8.46	3.54	
2	1.29	1.74	31.48	44.60	333.88	319.99	545.78	80.71	26.30	11.71	31.97	2.47	
3	1.29	7.89	18.36	54.67	119.28	303.98	249.64	76.26	25.84	11.46	36.39	2.14	
4	8.69	83.77	24.93	46.71	75.46	542.17	915.64	73.86	25.84	11.46	30.05	2.14	
5	1.22	32.45	45.30	97.38	64.47	302.00	6142.30	69.91	25.38	11.71	17.94	2.39	
6	1.22	32.45	72.28	59.90	56.16	1692.78	2328.28	66.02	24.93	11.71	13.37	2.47	
7	1.51	59.90	29.10	72.28	58.39	3556.65	1920.86	62.18	24.03	11.46	10.24	2.47	
8	1.74	87.91	20.06	92.09	53.20	1347.69	1021.31	59.15	24.03	10.85	9.04	2.39	
9	1.44	181.48	14.28	51.74	1465.01	460.07	553.04	56.16	23.13	11.09	8.12	2.39	
10	1.22	15.35	11.09	37.73	1092.41	5040.90	3271.20	54.67	22.24	10.85	7.89	2.39	
11	1.66	8.69	160.83	34.41	290.15	2173.20	1904.62	52.47	21.36	9.87	7.33	2.22	
12	1.98	77.07	87.91	39.08	175.52	895.09	1138.50	51.74	20.93	9.64	7.33	2.22	
13	3.26	30.05	28.63	55.41	131.09	922.77	740.33	49.57	20.06	9.28	7.00	2.39	
14	3.17	48.85	23.13	150.75	104.92	874.28	456.92	48.85	20.49	8.69	6.24	2.39	
15	3.26	72.28	16.02	75.46	85.83	1608.45	374.00	46.71	19.63	8.69	5.71	2.22	
16	4.30	190.51	12.09	56.90	77.87	1512.44	307.97	43.20	19.21	8.12	5.40	2.22	
17	3.44	221.67	37.73	122.89	1204.29	1596.36	262.97	41.82	17.94	7.89	5.19	2.64	
18	1.44	232.76	199.66	75.46	4636.41	441.25	249.64	40.44	17.94	7.89	5.19	2.99	
19	1.22	85.83	663.22	55.41	1223.20	392.06	207.36	39.76	17.53	7.55	4.89	2.39	
20	1.51	404.83	423.25	66.79	368.93	2276.29	185.98	38.40	17.11	7.33	4.89	2.14	
21	1.29	63.70	66.79	146.48	874.28	957.48	166.67	37.06	16.29	7.33	4.39	1.74	
22	1.08	39.08	171.08	80.71	1166.69	381.80	152.18	35.73	16.02	7.33	4.30	1.74	
23	0.81	22.24	51.74	50.29	333.88	298.03	145.07	34.41	15.61	7.00	4.10	1.66	
24	0.69	18.78	60.66	138.04	453.77	249.64	135.25	33.43	15.35	6.78	4.10	1.59	
25	0.57	12.98	39.76	94.20	284.27	257.23	131.09	32.45	14.68	6.45	4.01	1.59	
26	14.28	9.87	91.04	56.16	185.98	232.76	124.24	31.48	14.28	6.45	3.72	1.90	
27	1.90	8.12	410.03	42.51	150.75	198.13	106.01	30.52	14.68	6.45	3.72	1.74	
28	1.01	21.36	77.07	37.06	162.29	307.97	100.60	29.10	14.02	6.78	3.72	1.66	
29	1.36	14.02	56.90	37.73	311.96	251.53	93.14	28.63	14.02	6.45	3.72	1.59	
30	67.57	100.60	42.51	66.02	1560.26	249.64	87.91	27.23	13.63	6.78		1.51	
31		73.07		48.85	542.17		87.91		13.63	7.89		1.22	
Total	138.15	2263.02	3051.40	2130.91	18319.85	30045.02	24267.24	1455.69	602.43	275.28	268.42	66.55	82883.96 Ton/day
Mean	4.60	73.00	101.71	68.74	590.96	1001.50	782.81	48.52	19.43	8.88	9.26	2.15	Ton/day
Max	67.57	404.83	663.22	150.75	4636.41	5040.90	6142.30	83.77	26.30	12.34	36.39	3.54	6142.30 Ton/day
Min	0.57	1.74	11.09	34.41	53.20	198.13	87.91	27.23	13.63	6.45	3.72	1.22	0.57 Ton/day

WATER YEAR : 2007**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.					
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	2007					
Number of observation	34					
R-Square	0.8566					
Remarks	Continued Sediment Station					

$$QS = 0.1432 QW^{2.06490}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	17.67	99.30	243.41	334.10	39661.42	1960.85	2021.61	698.61	208.62	99.30	252.54	45.72		
2	17.67	79.08	234.45	192.26	27820.25	1576.21	1845.70	960.81	208.62	94.02	3287.58	53.18		
3	17.67	65.47	356.41	302.02	29356.60	1628.35	1223.00	868.63	200.35	94.02	1474.54	53.18		
4	16.08	104.72	252.54	291.70	8501.26	19571.98	1138.85	850.77	192.26	88.89	312.53	49.38		
5	16.08	155.01	252.54	225.67	3457.67	32848.86	2651.36	781.23	192.26	83.91	155.01	42.20		
6	16.08	200.35	533.54	271.61	4230.02	25054.23	18997.18	620.73	184.33	83.91	141.44	45.72		
7	16.08	208.62	415.46	312.53	4728.24	18571.87	15604.40	492.49	184.33	83.91	110.29	42.20		
8	16.08	148.15	208.62	833.10	2507.86	8501.26	16920.24	479.18	176.58	79.08	110.29	38.84		
9	16.08	141.44	128.50	2177.69	3000.56	5498.50	11172.15	453.13	176.58	74.40	99.30	38.84		
10	16.08	134.89	94.02	479.18	4123.19	3372.07	19717.07	367.85	176.58	61.23	94.02	38.84		
11	19.34	141.44	88.89	252.54	2576.78	44746.13	8501.26	356.41	169.23	61.23	83.91	35.61		
12	24.82	162.04	83.91	225.67	1960.85	33749.21	25777.24	345.16	162.04	57.13	65.47	35.61		
13	42.20	176.58	69.86	176.58	1902.23	7290.48	20155.63	356.41	155.01	57.13	61.23	35.61		
14	35.61	200.35	65.47	208.62	1118.30	6066.92	11771.75	356.41	155.01	53.18	61.23	32.53		
15	32.53	141.44	88.89	225.67	833.10	8020.39	7219.46	356.41	155.01	53.18	53.18	32.53		
16	38.84	110.29	116.20	184.33	10684.82	7290.48	7290.48	356.41	148.15	49.38	53.18	29.59		
17	26.80	225.67	225.67	208.62	13137.14	5498.50	5560.23	345.16	148.15	45.72	53.18	26.80		
18	83.91	252.54	651.31	134.89	3765.98	4728.24	4842.84	323.22	141.44	45.72	49.38	26.80		
19	252.54	605.73	4785.37	162.04	1873.85	3414.73	3372.07	302.02	141.44	45.72	49.38	26.80		
20	492.49	547.60	1038.02	217.05	1524.93	3721.10	2613.93	261.84	141.44	42.20	45.72	32.53		
21	466.06	291.70	356.41	252.54	1790.04	2241.81	2083.32	261.84	134.89	42.20	45.72	29.59		
22	440.38	200.35	291.70	379.47	1873.85	1550.46	1873.85	252.54	134.89	45.72	45.72	32.53		
23	234.45	155.01	169.23	252.54	8415.85	1266.23	1602.17	252.54	128.50	45.72	45.72	26.80		
24	141.44	99.30	200.35	345.16	9200.55	1201.67	1550.46	243.41	128.50	42.20	45.72	26.80		
25	79.08	94.02	243.41	923.36	7290.48	781.23	1266.23	234.45	116.20	42.20	45.72	24.82		
26	53.18	116.20	208.62	533.54	8673.41	1038.02	1057.80	225.67	110.29	42.20	42.20	24.82		
27	83.91	104.72	833.10	367.85	3721.10	16786.18	960.81	217.05	99.30	42.20	42.20	35.61		
28	122.27	88.89	2406.29	5017.40	2881.68	20897.64	850.77	217.05	99.30	38.84	42.20	35.61		
29	134.89	99.30	1223.00	7433.59	2803.81	4230.02	682.65	208.62	99.30	53.18	42.20	24.82		
30	110.29	184.33	576.28	1817.76	3811.13	2921.03	698.61	208.62	94.02	61.23		24.82		
31		192.26		1873.85	2960.66		698.61		94.02	61.23		26.80		
Total	3080.60	5526.79	16441.47	26612.93	220187.61	296024.65	201721.73	12254.67	4656.64	1870.18	7010.80	1075.53	796463.60	Ton/day
Mean	102.69	178.28	548.05	858.48	7102.83	9867.49	6507.15	408.49	150.21	60.33	241.75	34.69		Ton/day
Max	492.49	605.73	4785.37	7433.59	39661.42	44746.13	25777.24	960.81	208.62	99.30	3287.58	53.18	44746.13	Ton/day
Min	16.08	65.47	65.47	134.89	833.10	781.23	682.65	208.62	94.02	38.84	42.20	24.82	16.08	Ton/day

WATER YEAR : 2007

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	2007				
Number of observation	34				
R-Square	0.7273				
Remarks	Continued Sediment Station				

$$QS = 0.7096 QW^{1.68290}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.39	4.76	25.09	18.04	7494.08	146.08	111.63	82.03	27.00	1.91	13.04	0.59	
2	0.39	4.06	14.88	21.45	1559.71	121.09	98.04	85.92	27.00	1.91	516.57	0.59	
3	0.39	3.10	13.95	23.24	672.13	121.09	82.03	82.03	28.96	1.70	3.41	0.59	
4	0.39	12.16	4.76	14.88	449.20	172.93	85.92	74.46	28.96	1.70	3.10	0.49	
5	0.39	14.88	30.98	13.04	264.16	244.67	111.63	67.19	27.00	1.70	2.36	0.49	
6	0.30	18.04	125.93	14.88	195.72	244.67	624.66	67.19	23.24	1.70	1.91	0.49	
7	0.30	14.88	33.05	14.88	146.08	393.42	906.09	63.67	21.45	1.70	0.96	0.49	
8	0.30	6.71	33.05	51.39	201.60	297.96	587.71	57.22	21.45	1.70	0.96	0.49	
9	0.30	14.88	13.95	30.98	161.97	225.80	385.70	57.22	19.72	1.70	0.96	0.49	
10	0.30	6.30	8.13	13.95	107.02	172.93	304.92	54.28	19.72	1.70	0.83	0.49	
11	0.30	4.41	6.71	13.04	98.04	4204.66	378.04	48.57	18.04	1.50	0.71	0.39	
12	0.30	4.06	4.76	10.47	89.89	794.63	5450.74	45.82	18.04	1.50	0.71	0.39	
13	0.30	27.00	5.13	8.89	89.89	457.41	2114.90	45.82	16.43	1.50	0.71	0.39	
14	0.22	21.45	5.13	8.89	67.19	370.45	551.67	45.82	14.88	1.31	0.71	0.30	
15	0.22	4.06	5.90	7.41	60.23	370.45	326.19	45.82	13.04	1.31	0.71	0.30	
16	0.22	9.66	6.30	7.41	432.96	297.96	284.24	43.13	11.30	1.31	0.71	0.30	
17	0.22	27.00	78.21	6.71	232.02	219.64	270.79	43.13	9.66	1.31	0.71	0.30	
18	0.22	43.13	33.05	10.47	232.02	232.02	244.67	40.51	8.13	1.13	0.71	0.30	
19	0.22	33.05	121.09	10.47	121.09	232.02	178.52	37.95	5.90	1.13	0.71	0.30	
20	25.09	45.82	33.05	10.47	102.49	161.97	140.93	35.47	3.10	1.13	0.71	0.30	
21	10.47	21.45	10.47	10.47	89.89	121.09	140.93	33.05	2.84	1.13	0.71	0.71	
22	1.91	19.72	13.04	10.47	135.85	98.04	111.63	33.05	2.84	1.13	0.71	0.22	
23	3.10	7.41	8.13	6.71	270.79	93.93	111.63	30.98	2.59	1.13	0.59	0.39	
24	3.10	10.47	8.89	7.41	355.44	78.21	102.49	28.96	2.13	1.13	0.59	0.22	
25	3.10	7.41	7.41	23.24	333.41	74.46	102.49	28.96	2.13	0.96	0.59	0.96	
26	2.84	5.90	14.88	21.45	393.42	297.96	98.04	28.96	2.13	0.96	0.59	0.39	
27	4.76	4.76	43.13	43.13	277.48	264.16	89.89	28.96	2.13	0.96	0.49	0.39	
28	14.88	4.06	130.86	578.61	340.69	225.80	85.92	28.96	1.91	1.13	0.49	0.39	
29	18.04	4.06	43.13	326.19	311.95	184.18	82.03	28.96	1.91	1.91	0.49	0.39	
30	13.04	4.06	28.96	297.96	189.92	130.86	78.21	27.00	1.91	1.31		0.39	
31		6.71		1592.38	167.41		70.79		1.91	1.31		0.30	
Total	106.00	415.42	912.00	3228.98	15643.74	11050.54	14313.07	1421.09	387.45	43.61	556.45	13.22	48091.57 Ton/day
Mean	3.53	13.40	30.40	104.16	504.64	368.35	461.71	47.37	12.50	1.41	19.19	0.43	Ton/day
Max	25.09	45.82	130.86	1592.38	7494.08	4204.66	5450.74	85.92	28.96	1.91	516.57	0.96	7494.08 Ton/day
Min	0.22	3.10	4.76	6.71	60.23	74.46	70.79	27.00	1.91	0.96	0.49	0.22	0.22 Ton/day

WATER YEAR : 2007**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	2001-2007		
Number of observation	103		
R-Square	0.7229		
Remarks	Continued Sediment Station		

$$QS = 12.4200 QW^{1.39160}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.89	2.77	5.27	15.27	61.59	52.30	35.80	34.18	10.56	5.27	20.43	2.22	
2	0.97	1.23	1.14	10.56	135.87	73.55	54.91	31.91	10.07	5.00	127.48	2.22	
3	1.23	3.71	0.89	15.27	16.94	36.74	35.11	30.56	10.07	5.00	29.90	2.11	
4	2.11	13.12	5.54	5.27	6.67	26.63	59.70	29.24	10.07	5.00	14.72	2.11	
5	2.11	3.23	1.42	3.00	5.27	50.50	4197.45	27.92	9.58	5.00	8.79	2.11	
6	0.97	1.42	2.22	2.33	4.22	895.91	1278.47	25.99	9.10	5.00	6.39	1.91	
7	0.81	3.96	1.14	1.32	3.71	1826.20	1602.20	25.35	9.10	5.00	5.54	1.91	
8	0.81	1.80	0.89	2.11	8.17	410.94	516.64	24.72	8.79	5.00	5.27	1.80	
9	0.73	2.43	0.89	1.42	789.48	138.93	270.42	23.47	8.79	5.00	4.73	1.80	
10	0.73	1.14	0.81	1.61	165.87	6017.07	1142.43	22.86	8.48	5.54	4.22	1.80	
11	2.22	0.89	12.59	9.58	58.62	1076.35	789.48	21.63	8.17	5.27	4.22	1.70	
12	1.14	0.89	1.32	2.33	38.39	342.35	346.31	21.03	8.17	5.00	3.96	1.70	
13	0.81	4.22	26.63	1.42	24.72	212.70	311.12	20.43	7.86	5.00	3.96	1.61	
14	0.81	3.71	2.88	2.11	19.25	152.41	229.41	19.84	7.86	5.00	3.71	1.61	
15	0.73	8.79	6.97	2.33	13.65	140.64	181.11	19.25	6.97	4.47	3.71	1.61	
16	0.73	5.27	2.88	1.61	20.43	108.59	132.50	18.66	6.39	5.00	3.35	1.61	
17	0.73	15.27	28.58	1.80	669.36	102.60	110.19	18.08	6.10	4.47	3.35	1.42	
18	0.73	67.36	15.27	1.32	2135.81	98.24	96.70	17.51	5.82	3.00	3.23	1.42	
19	0.73	38.39	99.48	1.61	386.62	74.98	83.42	16.94	5.54	3.35	3.00	1.42	
20	0.73	6.10	47.70	46.95	129.15	101.04	72.41	16.38	5.54	3.47	3.00	1.42	
21	0.65	4.47	9.58	40.78	1210.22	81.95	65.42	15.82	5.27	3.47	2.77	1.32	
22	0.65	2.22	4.22	32.59	137.23	71.00	60.50	15.27	5.27	3.47	2.66	1.32	
23	0.65	1.42	2.88	9.10	170.91	57.82	55.97	14.72	5.27	3.35	2.33	1.32	
24	0.65	1.14	4.22	9.58	57.82	51.27	52.30	14.18	5.27	3.23	2.33	1.23	
25	0.65	0.89	2.22	10.56	37.44	47.70	49.48	13.65	5.27	3.00	2.33	1.23	
26	0.73	0.89	18.08	6.10	28.58	56.76	46.95	13.12	5.27	13.12	2.22	1.23	
27	0.65	0.81	83.42	4.47	22.86	42.49	43.47	12.59	5.27	16.94	2.11	1.23	
28	0.73	0.81	15.82	3.71	29.24	62.40	40.78	12.59	5.27	17.51	2.11	1.14	
29	4.22	0.81	12.59	2.77	46.95	65.42	38.39	12.08	5.00	18.08	2.22	1.14	
30	58.62	3.96	7.26	2.77	28.58	40.78	35.80	11.06	5.00	16.94		1.14	
31		3.47		2.43	58.62		33.50		5.00	18.66		1.14	
Total	88.92	206.59	424.80	254.08	6522.24	12516.26	12068.34	601.03	220.19	212.61	284.04	48.95	33448.05 Ton/day
Mean	2.96	6.66	14.16	8.20	210.39	417.21	389.30	20.03	7.10	6.86	9.79	1.58	Ton/day
Max	58.62	67.36	99.48	46.95	2135.81	6017.07	4197.45	34.18	10.56	18.66	127.48	2.22	6017.07 Ton/day
Min	0.65	0.81	0.81	1.32	3.71	26.63	33.50	11.06	5.00	3.00	2.11	1.14	0.65 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	22		
R-Square	0.8140		
Remarks	Continued Sediment Station		

$$QS = 0.2637 QW^{1.57010}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1717.10	989.42	3628.39	9640.35	2683.32	6707.49	13550.50	14021.11	2022.45	1490.91	1202.52	1081.33	
2	1883.58	989.42	3766.35	9927.44	2983.13	7132.18	13410.46	12859.76	1706.07	1282.87	1255.88	1115.48	
3	1858.71	1167.42	4030.02	9711.83	3095.55	7789.37	13152.98	11828.26	1565.02	1202.52	1310.07	1072.85	
4	1480.43	1651.29	3906.17	9180.40	2999.10	8438.69	12776.43	10918.71	1522.51	1176.16	1543.71	1030.83	
5	1229.10	2257.32	3577.14	8806.71	3015.09	9149.04	12943.29	10290.58	1490.91	1141.34	1858.71	964.88	
6	1246.93	3509.22	3144.19	8530.16	3324.89	10658.43	15369.55	9533.48	1449.16	1081.33	1883.58	908.48	
7	1282.87	5206.24	3063.28	8287.04	3391.50	12449.18	16944.17	8930.64	1356.79	1193.71	1821.65	948.64	
8	1346.66	6496.28	3095.55	8016.59	3160.47	13152.98	18452.39	8317.29	1150.01	1264.85	1858.71	916.46	
9	1300.98	7031.40	3031.12	7458.15	2840.82	13832.17	19558.02	7817.21	1081.33	1255.88	1821.65	956.75	
10	1106.90	7348.90	2725.95	6806.57	2872.22	14737.90	20180.93	7348.90	1124.07	1246.93	1809.35	916.46	
11	940.56	7240.25	2711.71	5694.90	3941.41	15028.23	20714.10	6931.15	1005.91	1220.21	1673.13	884.69	
12	956.75	7006.29	2669.16	5089.56	5422.64	14979.70	21012.48	6633.54	948.64	1291.92	1459.55	807.05	
13	1124.07	6956.16	2391.81	4651.26	6428.04	15174.17	21493.10	6113.08	900.52	1337.48	1255.88	739.42	
14	1407.83	7106.94	2164.87	4065.66	7081.73	15222.93	22038.50	5462.33	892.59	1319.19	1106.90	948.64	
15	1706.07	7733.81	2297.37	3679.91	6756.96	15565.83	22343.64	5031.58	1064.40	1246.93	1064.40	1098.35	
16	1971.53	7845.08	2270.64	3408.23	6707.49	15861.95	22711.81	4878.15	1418.12	1176.16	1202.52	1132.69	
17	1883.58	8652.67	2125.68	3509.22	6450.76	16110.26	23020.29	4613.82	1597.17	1141.34	1246.93	1167.42	
18	1750.35	9927.44	1984.22	3391.50	5957.76	16060.48	23146.69	4263.73	1407.83	1132.69	1220.21	1176.16	
19	1846.33	10806.88	1883.58	3594.19	5847.71	16209.97	23082.17	4137.29	1115.48	1124.07	1141.34	1089.83	
20	2612.81	11030.95	1971.53	3645.53	6496.28	16259.91	23020.29	3976.77	1005.91	1141.34	1064.40	1022.50	
21	3291.76	10993.49	2811.94	3475.44	7106.94	16574.45	22835.02	3714.40	1030.83	1132.69	1022.50	1039.19	
22	3526.16	10547.58	4173.27	3611.28	6806.57	17210.06	22588.85	3275.24	1039.19	1106.90	1039.19	1089.83	
23	3391.50	9640.35	5482.22	3818.56	6135.39	18179.65	22282.49	3031.12	1176.16	1030.83	1047.57	1030.83	
24	2887.97	8621.99	6360.07	3836.03	6001.99	18561.90	22038.50	3225.87	1449.16	892.59	1064.40	1014.19	
25	2257.32	7789.37	6428.04	3358.13	6831.42	18726.61	21072.34	3628.39	1739.24	1039.19	1098.35	1014.19	
26	1971.53	6519.08	6090.80	3193.11	7706.08	18234.08	20122.00	3818.56	1717.10	1115.48	1124.07	916.46	
27	1728.16	5502.13	5716.64	3127.95	8136.39	17156.76	19223.88	3714.40	1480.43	1132.69	1072.85	892.59	
28	1629.57	4916.35	6269.84	3176.77	7956.94	16364.51	18507.12	3079.40	1366.94	1115.48	1005.91	1030.83	
29	1246.93	4336.60	7348.90	3242.30	7267.36	15467.58	17638.61	2655.03	1522.51	1106.90	1055.97	1047.57	
30	1184.92	3871.04	8714.17	3111.73	6931.15	14306.27	16160.09	2405.42	1629.57	1039.19		1039.19	
31		3714.40		2856.51	6541.91		15028.23		1629.57	1158.70		1039.19	
Total	53768.96	#####	#####	#####	168879.01	431302.73	596418.92	186455.21	41605.59	36338.47	38331.90	31132.97	2061377.15 Ton/day
Mean	1792.30	6367.93	3861.15	5287.19	5447.71	14376.76	19239.32	6215.17	1342.12	1172.21	1321.79	1004.29	Ton/day
Max	3526.16	11030.95	8714.17	9927.44	8136.39	18726.61	23146.69	14021.11	2022.45	1490.91	1883.58	1176.16	23146.69 Ton/day
Min	940.56	989.42	1883.58	2856.51	2683.32	6707.49	12776.43	2405.42	892.59	892.59	1005.91	739.42	739.42 Ton/day

WATER YEAR : 2007**Nan RIVER BASIN****Khlong Tron at Ban Wang Pla Kod , Uttaradit (N.72)**

Lat 17 - 27 - 24 N Long 100 - 16 - 39 E

Location : on right bank at Ban Wang Pla Kod.

	Ban	Wang Pla Kod	Amphoe	Thong Saen Khar	Changwat	Uttaradit
Drainage Area	225	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	2005-2007					
Number of observation	44					
R-Square	0.9120					
Remarks	Continued Sediment Station					

$$QS = 4.2280 QW^{1.58900}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	11.24	26.84	49.44	82.77	59.84	607.99	242.94	39.80	7.22	4.92	46.14	3.27	
2	9.37	19.30	25.52	38.27	56.29	410.25	82.77	49.44	7.22	4.57	63.47	6.41	
3	6.41	22.96	12.22	26.84	153.80	222.17	54.55	46.14	6.03	3.58	16.99	2.97	
4	4.23	47.78	9.37	22.96	29.56	93.11	39.80	47.78	5.28	5.65	8.05	3.90	
5	10.29	190.94	9.82	13.74	11.72	219.26	2651.22	41.35	3.58	9.82	7.22	1.64	
6	16.99	726.32	8.05	12.22	12.72	694.89	8219.35	39.80	3.27	9.82	8.48	2.13	
7	21.71	432.44	8.05	20.49	9.37	8442.96	5555.41	18.13	3.27	8.92	8.05	3.90	
8	22.96	156.36	6.41	21.71	7.22	6349.70	2004.13	12.72	2.40	7.22	5.28	2.68	
9	22.96	61.65	5.65	32.37	11.72	650.90	940.33	9.82	2.97	4.23	3.90	1.88	
10	49.44	28.19	5.28	12.72	432.44	249.00	842.69	7.63	2.68	3.90	3.90	8.05	
11	51.12	30.95	5.65	18.13	80.75	156.36	1120.55	10.76	2.40	5.28	1.41	9.37	
12	151.26	185.46	4.23	22.96	35.27	115.12	668.37	9.37	2.40	4.23	0.99	6.81	
13	36.76	188.19	4.23	19.30	19.30	807.11	273.78	8.05	2.13	3.90	0.62	5.28	
14	32.37	136.37	4.23	14.80	10.29	599.53	216.36	9.37	2.13	3.27	0.21	6.41	
15	24.23	1470.56	6.03	12.72	7.63	1041.88	153.80	7.63	2.13	2.97	0.00	7.22	
16	21.71	1242.48	16.99	12.72	8.92	807.11	138.81	8.05	3.90	4.23	0.00	6.41	
17	16.99	425.00	4.23	15.88	339.47	915.55	88.92	6.41	4.92	4.23	4.92	6.41	
18	12.22	207.76	1.41	12.72	455.07	334.36	70.96	8.48	2.68	6.41	11.72	2.40	
19	88.92	124.40	0.21	11.72	97.37	425.00	74.82	8.92	2.13	4.92	3.90	2.68	
20	95.23	65.31	1.41	11.72	41.35	1201.32	29.56	8.48	2.13	6.81	2.68	3.27	
21	39.80	52.83	9.82	11.72	20.49	3291.47	36.76	8.48	2.13	3.58	2.68	10.29	
22	25.52	70.96	13.74	11.24	26.84	541.60	38.27	9.37	2.13	2.40	3.90	4.92	
23	33.81	36.76	10.29	12.22	82.77	225.09	33.81	7.63	2.13	1.88	2.13	6.03	
24	15.88	24.23	8.05	14.80	39.80	122.05	35.27	13.74	3.27	1.88	4.92	8.92	
25	11.72	16.99	7.63	24.23	25.52	47.78	24.23	14.80	6.41	1.88	8.48	7.22	
26	12.22	10.76	8.48	15.88	14.80	106.11	33.81	10.29	5.65	1.88	8.48	7.63	
27	11.24	7.63	818.91	11.24	10.76	148.74	41.35	6.03	6.81	1.88	7.63	6.81	
28	10.76	6.41	4674.18	10.29	11.24	108.33	39.80	5.28	6.03	1.88	4.92	6.81	
29	11.72	8.05	616.48	12.22	124.40	72.88	29.56	7.63	4.92	11.24	4.92	5.65	
30	24.23	6.03	156.36	13.74	582.76	395.70	16.99	8.48	4.23	10.76		4.23	
31		10.76		16.99	952.81		25.52		4.57	103.90		8.92	
Total	903.31	6040.67	6512.37	591.33	3772.29	29403.32	23824.49	489.86	119.15	252.04	245.99	170.52	72325.34 Tonday
Mean	30.11	194.86	217.08	19.08	121.69	980.11	768.53	16.33	3.84	8.13	8.48	5.50	Ton/day
Max	151.26	1470.56	4674.18	82.77	952.81	8442.96	8219.35	49.44	7.22	103.90	63.47	10.29	8442.96 Ton/day
Min	4.23	6.03	0.21	10.29	7.22	47.78	16.99	5.28	2.13	1.88	0.00	1.64	0.00 Ton/day

WATER YEAR : 2007

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	2007			
Number of observation	21			
R-Square	0.7879			
Remarks	Continued Sediment Station			

$$QS = 0.0300 QW^{1.87230}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	32.98	21.61	52.36	136.95	52.01	87.31	193.23	299.71	30.40	31.94	28.16	24.42	
2	35.17	21.40	53.76	146.41	50.28	94.44	186.88	277.67	25.32	27.43	29.14	24.64	
3	33.25	26.71	57.36	143.42	50.97	103.99	182.40	254.01	22.88	27.19	30.65	23.53	
4	27.91	29.89	57.73	139.07	48.91	119.47	175.35	230.65	22.66	24.20	32.46	22.66	
5	26.71	42.99	54.83	132.74	48.91	132.05	172.76	212.27	21.40	22.66	34.60	20.99	
6	26.71	57.36	50.62	122.69	49.25	143.42	177.98	191.40	20.99	23.32	35.46	20.79	
7	26.24	80.65	53.41	118.20	48.57	159.56	188.68	170.25	20.79	26.95	35.74	20.79	
8	27.43	99.94	55.55	121.40	46.24	174.47	198.75	154.04	19.61	30.15	35.74	21.40	
9	26.47	106.40	54.83	120.75	46.57	190.49	215.23	139.07	20.19	31.16	36.90	21.61	
10	22.45	119.47	52.36	111.91	45.91	194.14	224.36	127.26	23.10	30.40	37.19	20.99	
11	19.80	126.60	54.48	99.94	53.41	185.98	229.60	115.66	22.02	30.15	34.60	20.99	
12	19.80	131.36	56.27	94.97	67.67	178.86	238.09	105.79	19.61	30.91	31.42	18.33	
13	20.59	133.44	49.25	85.85	80.19	180.63	267.21	96.04	18.87	30.40	28.40	20.99	
14	25.55	145.66	45.58	76.96	87.31	183.29	304.35	84.42	20.79	28.90	27.67	25.10	
15	30.40	153.27	45.25	69.40	87.80	187.78	377.74	76.96	23.75	25.55	27.43	28.40	
16	31.94	156.36	46.90	65.12	89.29	185.98	493.09	72.47	29.39	25.10	27.43	28.90	
17	31.16	177.10	45.91	61.10	90.29	187.78	559.25	66.39	32.98	25.78	28.65	27.67	
18	29.14	195.06	42.99	59.20	83.00	189.59	617.35	61.10	28.90	25.32	27.91	27.19	
19	30.40	205.43	42.04	62.28	81.59	188.68	663.78	57.73	24.64	26.47	26.24	25.55	
20	40.47	215.23	43.95	64.70	89.29	191.40	668.51	54.83	22.88	27.19	25.10	24.64	
21	49.59	204.46	57.36	65.96	96.04	208.35	635.74	49.93	23.32	25.78	24.87	24.87	
22	52.36	184.18	78.34	69.83	86.81	234.89	594.73	45.58	23.75	25.55	25.55	26.24	
23	52.36	165.27	96.04	71.59	78.80	289.14	559.25	43.95	27.67	22.66	25.10	26.01	
24	44.28	147.17	105.19	67.24	76.96	305.91	527.90	41.72	32.46	23.32	26.01	25.10	
25	36.03	127.92	105.79	63.88	83.47	298.17	499.21	47.23	36.61	24.87	26.01	24.64	
26	32.46	107.61	99.37	65.96	88.29	283.38	472.65	50.97	34.89	25.55	24.87	23.32	
27	29.89	88.79	91.29	64.28	91.80	255.18	445.04	53.06	31.42	26.71	24.87	23.53	
28	27.19	74.70	97.12	64.28	93.91	231.71	414.20	48.91	30.91	26.71	23.75	25.55	
29	25.55	64.70	112.53	64.70	91.29	217.22	386.29	43.63	34.04	26.47	23.53	26.47	
30	23.10	56.27	123.34	65.54	88.79	206.40	354.05	38.66	34.60	24.42	26.71	26.71	
31		54.12		60.32	85.37		324.35		35.17	27.91		27.67	
Total	937.38	3521.12	1981.80	2756.64	2258.99	5789.66	11548.00	3311.36	816.01	831.12	845.45	749.69	35347.22 100Ton/day
Mean	31.25	113.58	66.06	88.92	72.87	192.99	372.52	110.38	26.32	26.81	29.15	24.18	Ton/day
Max	52.36	215.23	123.34	146.41	96.04	305.91	668.51	299.71	36.61	31.94	37.19	28.90	668.51 Ton/day
Min	19.80	21.40	42.04	59.20	45.91	87.31	172.76	38.66	18.87	22.66	23.53	18.33	18.33 Ton/day

WATER YEAR : 2007

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	2007					
Number of observation	19					
R-Square	0.7529					
Remarks	Continued Sediment Station					

$$QS = 40.2120 QW^{0.67490}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	26.53	61.79	151.54	97.06	161.69	128.31	307.16	321.67	187.39	160.02	219.94	143.85		
2	26.53	85.54	160.02	88.90	130.17	103.35	209.04	335.87	184.27	160.02	218.14	136.86		
3	26.53	80.37	390.60	87.23	120.75	92.21	184.27	318.07	184.27	160.02	210.87	133.38		
4	34.88	85.54	128.31	85.54	104.90	82.11	199.11	299.78	182.70	158.34	207.19	132.16		
5	32.22	97.06	126.44	80.37	97.06	97.06	206.58	288.54	181.13	158.34	207.19	127.38		
6	26.53	122.66	318.07	75.03	90.56	471.24	201.61	307.16	179.55	158.34	205.34	126.13		
7	39.94	109.47	483.35	80.37	83.83	243.98	206.58	284.74	179.55	176.37	205.34	123.77		
8	49.24	675.46	149.81	78.61	80.37	158.34	182.70	265.40	182.70	173.16	203.48	121.23		
9	42.36	504.67	148.08	76.83	76.83	218.74	399.45	253.46	181.13	166.65	203.48	121.23		
10	39.94	1345.96	118.83	76.83	161.69	193.54	328.81	240.78	182.70	163.35	203.48	120.11		
11	37.45	624.31	118.83	78.61	130.17	221.14	1497.97	231.06	182.70	161.69	201.61	120.11		
12	97.06	1578.65	88.90	71.37	122.66	318.07	1517.86	227.77	181.13	160.02	199.73	118.83		
13	92.21	1255.13	104.90	63.76	114.93	399.45	2125.59	224.47	179.55	156.65	199.73	120.11		
14	67.62	747.28	321.67	59.79	104.90	195.07	2432.28	224.47	179.55	154.96	199.73	118.83		
15	39.94	1261.23	231.06	59.79	93.84	403.84	2403.61	224.47	176.37	151.54	199.73	118.83		
16	49.24	1108.55	106.43	57.76	83.83	187.39	2309.66	257.47	174.76	151.54	197.85	117.54		
17	39.94	581.59	88.90	55.69	78.61	1291.50	1761.71	234.32	174.76	151.54	197.85	127.38		
18	49.24	1155.20	141.05	55.69	75.03	766.88	1125.40	224.47	174.76	151.54	195.96	122.50		
19	90.56	657.49	184.27	63.76	71.37	412.55	883.23	213.92	174.76	151.54	195.96	122.50		
20	57.76	280.93	149.81	55.69	61.79	429.71	751.66	221.14	174.76	149.81	195.96	120.11		
21	47.00	192.01	632.69	611.65	57.76	1327.90	649.28	234.32	173.16	149.81	195.96	120.11		
22	42.36	166.65	168.29	135.66	57.76	883.23	620.10	218.74	173.16	148.08	195.96	121.23		
23	37.45	149.81	104.90	97.06	55.69	479.33	530.83	213.92	171.54	148.08	194.05	117.54		
24	37.45	135.66	87.23	408.20	221.14	303.48	491.35	206.58	169.92	148.08	192.14	143.85		
25	32.22	122.66	103.35	146.34	487.36	231.06	458.97	201.61	168.29	148.08	192.14	199.73		
26	29.44	116.89	93.84	636.85	112.96	188.93	429.71	196.59	168.29	148.08	184.40	168.42		
27	29.44	106.43	261.45	356.65	82.11	169.92	399.45	195.07	166.65	219.94	182.44	134.60		
28	26.53	98.65	124.56	153.25	82.11	158.34	381.65	192.01	166.65	219.94	244.43	127.38		
29	26.53	116.89	135.66	135.66	78.61	216.34	353.23	192.01	165.00	219.94	188.29	123.77		
30	69.51	135.66	107.96	666.23	67.62	363.45	342.87	190.48	163.35	219.94		118.83		
31		133.84		224.47	82.11		332.35		161.69	219.94		118.83		
Total	1343.65	13894.03	5530.80	5020.70	3430.21	10736.46	24224.07	7240.36	5446.19	5165.35	5838.37	3987.13	91857.32	Ton/day
Mean	44.79	448.19	184.36	161.96	110.65	357.88	781.42	241.35	175.68	166.62	201.32	128.62		Ton/day
Max	97.06	1578.65	632.69	666.23	487.36	1327.90	2432.28	335.87	187.39	219.94	244.43	199.73	2432.28	Ton/day
Min	26.53	61.79	87.23	55.69	55.69	82.11	182.70	190.48	161.69	148.08	182.44	117.54	26.53	Ton/day

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Huai Tak Daet at Ban Tak Daet, Uthai Thani (Ct.19)

Lat 15 - 27 - 07 N Long 100 - 02 - 00 E

Location : on left bank near Ban Tak Daet.

	Ban Tak Daet	Amphoe Mueangi	Changwat Uthai Thani
Drainage Area	3,454 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	2007		
Number of observation	16		
R-Square	0.8961		
Remarks	Continued Sediment Station		

$$QS = 4.8256 QW^{1.30200}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	195.68	561.04	39.84	45.68	496.07	107.95	14.76	16.74	0.00	0.00	
2	0.00	0.00	402.25	112.63	59.44	274.82	533.74	192.43	14.11	16.74	0.00	0.00	
3	0.00	0.00	711.44	22.30	25.21	858.75	242.55	166.84	12.84	16.74	0.00	0.00	
4	0.00	0.00	1020.02	64.21	17.42	1175.73	259.83	166.84	11.59	16.08	0.00	0.00	
5	0.00	0.00	1248.17	41.28	12.84	1035.70	496.07	176.34	10.37	15.41	0.00	0.00	
6	0.00	0.00	813.89	19.48	6.93	1027.85	599.78	182.73	9.78	15.41	0.00	0.00	
7	0.00	0.00	689.91	9.78	3.85	1377.76	517.52	112.63	9.78	14.76	0.00	0.00	
8	0.00	0.00	1756.17	5.85	2.48	1980.38	417.57	78.76	11.59	14.76	0.00	0.00	
9	0.00	0.00	2778.77	2.48	2.48	2109.19	448.59	72.34	14.76	14.76	0.00	0.00	
10	0.00	0.00	2037.40	2.48	1.01	1770.00	412.45	69.06	17.42	13.47	0.00	0.00	
11	0.00	0.00	1106.98	2.48	0.00	1756.17	1714.84	67.43	18.78	12.21	0.00	0.00	
12	0.00	588.65	594.21	2.48	0.00	2327.95	2239.84	42.74	20.17	10.98	0.00	0.00	
13	0.00	2910.10	107.95	1.86	0.00	4006.43	5574.34	21.58	20.88	9.78	0.00	0.00	
14	0.00	4636.81	349.13	1.86	0.00	4935.65	6873.29	23.02	24.47	8.61	0.00	0.00	
15	0.00	5507.35	572.05	1.86	0.00	4965.77	6381.83	26.69	27.44	7.48	0.00	0.00	
16	0.00	4905.57	1600.92	2.48	0.00	5407.22	5946.09	35.59	28.77	6.93	0.00	0.00	
17	0.00	4580.65	1623.65	1.28	0.00	4396.02	5641.52	30.10	30.10	5.33	0.00	0.00	
18	0.00	4527.72	843.74	0.75	0.00	3117.02	5574.34	37.00	25.21	5.33	0.00	0.00	
19	0.00	4291.31	904.17	0.75	0.00	3263.79	5373.94	45.68	23.74	4.33	0.00	0.00	
20	0.00	3878.46	619.27	0.75	0.00	3600.37	5241.30	37.00	22.30	2.48	0.00	0.00	
21	0.00	3475.57	208.83	2.92	0.00	3955.13	5026.14	31.46	20.17	2.16	0.00	0.00	
22	0.00	2094.78	307.33	30.10	0.00	4554.16	4905.57	27.44	20.17	1.01	0.00	0.00	
23	0.00	619.27	485.42	89.74	0.00	5574.34	4032.14	27.44	18.78	0.00	0.00	0.00	
24	0.00	374.78	328.08	387.76	0.00	6048.44	3327.17	27.44	16.08	0.00	0.00	0.00	
25	0.00	232.31	154.10	718.65	0.00	5878.09	2971.83	27.44	20.17	0.00	0.00	0.00	
26	0.00	179.53	45.68	754.95	0.00	2375.47	1839.52	27.44	22.30	0.00	0.00	0.00	
27	0.00	32.82	122.11	661.44	0.12	911.79	927.08	27.44	22.30	0.00	0.00	0.00	
28	0.00	89.74	357.63	858.75	51.69	522.91	612.31	23.74	20.88	0.00	0.00	0.00	
29	0.00	78.76	927.08	112.63	44.20	407.34	117.35	20.17	18.78	0.00	0.00	0.00	
30	0.00	62.61	821.33	34.20	35.59	323.90	112.63	16.08	18.10	0.00	0.00	0.00	
31	0.00	96.48		8.61	28.77		110.29		16.74	0.00	0.00	0.00	
Total	0.00	43163.27	23733.36	4517.83	331.87	79983.82	78967.53	1948.84	583.33	231.50	0.00	0.00	233461.35 Tonday
Mean	0.00	1392.36	791.11	145.74	10.71	2666.13	2547.34	64.96	18.82	7.47	0.00	0.00	Ton/day
Max	0.00	5507.35	2778.77	858.75	59.44	6048.44	6873.29	192.43	30.10	16.74	0.00	0.00	6873.29 Ton/day
Min	0.00	0.00	45.68	0.75	0.00	45.68	110.29	16.08	9.78	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

SAKAE KRANG RIVER BASIN

Huai Thap Salao at Ban Saphan Leak, Uthai Thani (Ct.20)

Lat 15 - 26 - 45 N Long 99 - 35 - 22 E

Location : on right bank at Ban Saphan Leak.

	Ban Saphan Leak	Amphoe Lan Sak	Changwat Uthai Thani
Drainage Area	691 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	2007		
Number of observation	19		
R-Square	0.9177		
Remarks	Continued Sediment Station		

QS = 17.9960 QW^{1.33980}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	2.22	45.55	61.42	19.95	94.20	244.03	177.51	452.58	354.50	7.30	184.44	17.04		
2	2.22	48.63	30.98	25.58	74.94	225.53	170.65	420.11	469.05	7.30	131.00	17.04		
3	2.22	94.20	17.04	25.58	51.76	216.42	170.65	380.40	452.58	10.95	68.10	17.04		
4	2.22	78.42	94.20	19.21	42.53	143.92	1006.11	316.53	485.66	17.04	58.15	17.04		
5	2.22	30.98	61.42	19.21	28.25	234.73	341.72	304.12	570.85	17.04	42.53	30.98		
6	7.30	28.25	17.76	19.21	28.25	216.42	234.73	304.12	452.58	19.95	25.58	304.12		
7	7.88	28.25	85.50	650.40	28.25	225.53	191.43	262.89	452.58	58.15	20.70	316.53		
8	7.88	28.25	191.43	1029.59	28.25	244.03	116.84	262.89	452.58	74.94	20.70	316.53		
9	7.88	28.25	177.51	1087.87	28.25	801.18	116.84	262.89	452.58	54.93	20.70	316.53		
10	7.88	1685.80	216.42	1176.78	28.25	629.52	198.49	216.42	452.58	42.53	17.76	316.53		
11	7.88	234.73	177.51	1087.87	28.25	629.52	1359.77	216.42	452.58	42.53	17.04	588.30		
12	7.88	1969.01	94.20	1206.81	28.25	1328.81	2665.84	177.51	452.58	25.58	17.04	845.69		
13	3.59	485.66	89.82	1267.44	28.25	692.66	2479.12	177.51	692.66	15.63	15.63	845.69		
14	3.59	735.59	85.50	1267.44	28.25	316.53	9646.86	143.92	570.85	13.57	15.63	845.69		
15	3.59	1298.03	89.82	1298.03	28.25	316.53	4732.56	143.92	253.41	13.57	15.63	936.49		
16	3.59	936.49	81.94	1267.44	28.25	262.89	9104.86	143.92	28.25	10.95	15.63	1087.87		
17	3.59	420.11	45.55	1206.81	28.25	2760.48	15027.15	143.92	28.25	801.18	15.63	1087.87		
18	3.59	406.77	22.21	1176.78	1206.81	420.11	11604.22	143.92	28.25	1422.22	15.63	1087.87		
19	6.17	519.31	22.98	1176.78	1206.81	316.53	7808.17	143.92	22.21	1549.23	17.04	1087.87		
20	6.17	244.03	21.45	1176.78	1237.03	570.85	4881.76	116.84	22.21	1549.23	17.04	1087.87		
21	6.17	170.65	17.04	157.14	1206.81	3058.18	3272.89	116.84	22.21	1549.23	17.04	1087.87		
22	6.17	121.52	17.04	131.00	1298.03	868.17	2348.82	116.84	22.21	1328.81	17.04	1087.87		
23	6.17	94.20	17.04	68.10	1237.03	452.58	1765.57	116.84	22.98	1006.11	17.04	1087.87		
24	8.47	78.42	126.24	393.53	1267.44	262.89	1422.22	216.42	19.21	1006.11	17.04	291.83		
25	8.47	71.50	74.94	126.24	2010.36	262.89	1146.95	177.51	10.31	1006.11	17.04	94.20		
26	8.47	58.15	89.82	170.65	1087.87	198.49	936.49	143.92	10.31	1006.11	17.04	54.93		
27	9.08	42.53	89.82	98.63	692.66	198.49	629.52	216.42	10.31	1006.11	17.04	51.76		
28	9.08	30.98	89.82	89.82	553.53	253.41	629.52	316.53	10.31	1006.11	17.04	51.76		
29	9.08	33.78	85.50	85.50	588.30	316.53	469.05	291.83	10.31	1006.11	17.04	51.76		
30	9.08	39.55	81.94	85.50	692.66	262.89	452.58	282.10	10.31	1006.11		78.42		
31		33.78		116.84	671.45		452.58		8.47	1006.11		98.63		
Total	179.80	10121.37	2373.86	17728.51	15587.47	16930.74	85561.47	67300.00	7303.73	17686.85	904.96	15207.49	196316.25	Ton/day
Mean	5.99	326.50	79.13	571.89	502.82	564.36	2760.05	224.33	235.60	570.54	31.21	490.56		Ton/day
Max	9.08	1969.01	216.42	1298.03	2010.36	3058.18	15027.15	452.58	692.66	1549.23	184.44	1087.87	15027.15	Ton/day
Min	2.22	28.25	17.04	19.21	28.25	143.92	116.84	116.84	8.47	7.30	15.63	17.04	2.22	Ton/day

WATER YEAR : 2007

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.		
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	1996-2007		
Number of observation	42		
R-Square	0.7045		
Remarks	Continued Sediment Station		

$$QS = 30.1330 QW^{1.39370}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	204.42	149.12	674.24	6.98	3577.96	1222.12	340.80	90.42	0.89	0.00	0.00	
2	0.00	81.95	68.36	126.55	2886.24	1851.74	674.24	332.50	81.95	0.00	0.00	0.00	
3	0.00	76.43	117.20	99.13	6640.31	1386.44	518.26	349.17	81.95	0.00	0.23	0.00	
4	0.00	190.14	63.13	142.56	471.96	950.68	756.42	366.06	81.95	0.00	193.68	0.00	
5	0.00	917.44	102.08	357.58	99.13	777.38	7029.05	349.17	81.95	0.00	149.12	0.00	
6	0.00	1258.13	53.02	87.57	53.02	3675.47	73271.99	245.15	81.95	0.00	29.30	0.00	
7	0.00	906.44	73.71	50.58	24.03	1824.91	56036.70	268.22	84.75	0.00	3.20	0.00	
8	0.00	1932.88	34.41	68.36	11.47	2015.00	56777.68	260.46	81.95	0.00	0.00	0.00	
9	0.00	830.47	25.22	53.02	11684.41	830.47	38929.92	237.59	60.55	0.00	0.00	0.00	
10	0.00	268.22	24.03	26.02	64207.63	4883.14	56777.68	230.10	60.55	0.00	0.00	0.00	
11	5.11	142.56	20.18	19.43	13215.32	71153.27	66044.95	200.82	60.55	0.00	0.00	0.00	
12	6.98	193.68	19.43	71.02	2556.62	21360.38	36676.86	183.11	60.55	0.00	0.00	0.00	
13	14.79	527.66	22.08	71.02	1063.83	7423.97	26565.22	165.87	60.55	0.00	0.00	0.00	
14	19.43	499.59	53.02	19.43	527.66	3872.70	33956.76	149.12	60.55	0.00	0.00	0.00	
15	9.29	349.17	50.58	53.02	230.10	3972.40	22767.75	149.12	34.41	0.00	0.00	0.00	
16	6.43	149.12	29.30	16.53	400.51	6210.54	11145.18	142.56	34.41	0.00	0.00	0.00	
17	5.11	499.59	15.83	19.43	383.18	5060.81	6980.12	200.82	27.23	0.00	0.00	0.00	
18	6.43	245.15	197.24	3.20	895.47	2825.47	4663.60	193.68	26.02	0.00	0.00	0.00	
19	9.90	546.61	565.75	14.79	324.25	1987.52	3008.85	183.11	24.03	0.00	0.00	0.00	
20	55.50	1081.11	1081.11	14.10	165.87	4190.84	2352.86	183.11	14.10	0.00	0.00	0.00	
21	43.44	237.59	674.24	0.23	126.55	6116.15	1594.98	165.87	11.47	0.00	0.00	0.00	
22	14.10	149.12	152.43	36.61	3417.10	1824.91	1480.21	152.43	14.10	0.00	0.00	0.00	
23	123.41	149.12	84.75	1.22	715.00	895.47	1186.41	136.09	12.44	0.00	0.00	0.00	
24	55.50	81.95	32.25	0.00	260.46	644.13	978.63	129.71	12.44	0.00	0.00	0.00	
25	14.10	45.78	81.95	0.00	126.55	409.26	851.98	120.29	11.47	0.00	0.00	0.00	
26	11.47	20.18	105.06	0.00	117.20	481.12	756.42	117.20	4.36	0.00	0.00	0.00	
27	11.47	25.22	5285.39	0.00	71.02	471.96	674.24	117.20	3.20	0.00	0.00	0.00	
28	10.83	27.23	1151.00	0.00	60.55	6448.30	654.12	114.13	3.20	0.00	0.00	0.00	
29	114.13	537.11	4751.07	276.04	93.30	4039.26	556.16	99.13	6.43	0.00	0.00	0.00	
30	1012.46	276.04	644.13	6.98	260.46	1367.89	435.82	93.30	5.11	0.00		0.00	
31		1480.21		165.87	537.11		374.59		2.76	0.00		0.00	
Total	1549.88	13930.31	15727.07	2474.53	111633.29	172529.54	515699.77	5975.89	1277.35	0.89	375.53	0.00	841174.05 Ton/day
Mean	51.66	449.36	524.24	79.82	3601.07	5750.98	16635.48	199.20	41.20	0.03	12.95	0.00	Ton/day
Max	1012.46	1932.88	5285.39	674.24	64207.63	71153.27	73271.99	366.06	90.42	0.89	193.68	0.00	73271.99 Ton/day
Min	0.00	20.18	15.83	0.00	6.98	409.26	374.59	93.30	2.76	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	1978-2007		
Number of observation	383		
R-Square	0.7983		
Remarks	Continued Sediment Station		

$$QS = 2.9237 QW^{1.28050}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	350.35	350.35	1295.21	277.40	174.78	231.61	814.93	6226.50	227.71	282.49	513.35	404.63		
2	345.02	355.70	1335.17	200.86	171.12	219.97	1436.22	6226.50	227.71	257.27	598.42	424.58		
3	345.02	355.70	1315.16	174.78	171.12	252.29	1794.32	6130.36	227.71	277.40	634.69	437.99		
4	345.02	393.64	1295.21	149.52	128.59	231.61	2029.74	5490.19	227.71	277.40	634.69	417.90		
5	399.12	404.63	1325.16	145.98	138.97	277.40	2656.02	3849.81	227.71	277.40	642.00	393.64		
6	382.71	366.45	1375.40	142.47	138.97	239.44	4535.86	1497.61	227.71	277.40	513.35	382.71		
7	382.71	361.07	1565.48	138.97	135.49	216.12	6010.65	548.45	231.61	277.40	334.41	382.71		
8	411.25	404.63	2017.19	135.49	135.49	208.46	6444.00	329.13	361.07	277.40	277.40	382.71		
9	451.50	437.99	2067.48	125.17	118.39	262.27	7176.40	182.15	458.28	277.40	257.27	377.27		
10	471.92	541.39	2017.19	167.47	185.86	212.28	7205.39	174.78	458.28	297.86	252.29	399.12		
11	451.50	499.46	1992.15	204.65	197.09	303.03	6468.27	182.15	239.44	297.86	247.33	377.27		
12	451.50	444.73	2054.88	185.86	197.09	174.78	7031.85	185.86	193.33	297.86	235.52	377.27		
13	451.50	541.39	2042.30	149.52	197.09	145.98	7967.90	171.12	350.35	297.86	174.78	377.27		
14	451.50	506.39	2004.66	142.47	189.59	138.97	8445.32	149.52	377.27	297.86	163.85	361.07		
15	451.50	686.23	1967.17	138.97	163.85	189.59	8479.65	145.98	366.45	277.40	239.44	612.87		
16	444.73	527.33	2054.88	153.08	145.98	262.27	8479.65	163.85	361.07	262.27	318.63	723.58		
17	451.50	471.92	2067.48	208.46	128.59	277.40	9453.09	160.24	399.12	267.30	411.25	723.58		
18	393.64	520.33	2054.88	212.28	125.17	292.72	9207.57	160.24	424.58	272.34	424.58	731.10		
19	366.45	520.33	1967.17	208.46	105.08	267.30	8824.64	160.24	424.58	272.34	424.58	584.05		
20	366.45	437.99	2029.74	204.65	101.81	252.29	8859.30	160.24	437.99	272.34	411.25	424.58		
21	366.45	424.58	1992.15	197.09	101.81	377.27	7321.60	153.08	417.90	247.33	404.63	382.71		
22	366.45	424.58	1929.84	178.45	101.81	417.90	6250.59	156.65	424.58	239.44	417.90	382.71		
23	355.70	377.27	2004.66	153.08	92.14	355.70	6010.65	219.97	399.12	243.38	404.63	377.27		
24	223.83	520.33	1733.44	182.15	92.14	313.41	5986.77	227.71	399.12	366.45	393.64	377.27		
25	142.47	761.35	1625.04	185.86	111.69	231.61	5986.77	227.71	393.64	437.99	393.64	366.45		
26	200.86	807.23	1395.61	178.45	167.47	193.33	5678.25	227.71	382.71	620.12	382.71	377.27		
27	160.24	814.93	995.00	153.08	189.59	182.15	4639.06	227.71	382.71	738.63	377.27	598.42		
28	223.83	822.65	513.35	167.47	208.46	145.98	4306.92	216.12	388.17	768.95	399.12	671.41		
29	318.63	814.93	431.27	182.15	247.33	277.40	4288.42	227.71	399.12	768.95	417.90	649.32		
30	355.70	1004.41	329.13	189.59	313.41	431.27	4911.65	227.71	404.63	738.63		649.32		
31		1099.53		178.45	243.38		5915.26		404.63	723.58		612.87		
Total	10879.05	16999.44	48793.45	5412.33	4919.35	7581.80	184616.71	34407.00	10846.01	11488.30	11300.52	14740.92	361984.88	Ton/day
Mean	362.64	548.37	1626.45	174.59	158.69	252.73	5955.38	1146.90	349.87	370.59	389.67	475.51		Ton/day
Max	471.92	1099.53	2067.48	277.40	313.41	431.27	9453.09	6226.50	458.28	768.95	642.00	731.10	9453.09	Ton/day
Min	142.47	350.35	329.13	125.17	92.14	138.97	814.93	145.98	193.33	239.44	163.85	361.07	92.14	Ton/day

WATER YEAR : 2007**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	1996-2007		
Number of observation	330		
R-Square	0.7732		
Remarks	Continued Sediment Station		

QS = 5.4458 QW^{1.79000}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.57	2.88	3.65	4.97	1.87	4.51	65.13	20.55	7.55	4.07	3.25	8.71	
2	1.57	1.87	2.88	3.65	24.19	4.97	37.76	18.83	7.55	4.07	3.25	8.12	
3	1.30	2.18	2.52	4.07	6.99	34.39	37.76	18.83	7.55	4.07	3.25	8.12	
4	1.30	17.18	4.07	3.25	3.65	172.82	11932.07	17.18	7.55	4.07	4.51	8.12	
5	1.30	28.08	4.51	3.65	2.52	34.39	17125.26	15.60	7.55	4.07	4.51	7.55	
6	1.30	11.25	15.60	4.07	2.18	74.13	1140.49	15.60	6.99	4.07	4.51	7.55	
7	1.30	22.34	7.55	8.71	1.87	24.19	482.86	14.08	6.46	3.65	4.51	7.55	
8	1.06	98.84	5.45	5.45	2.18	9.32	272.56	14.08	6.46	3.65	4.51	7.55	
9	2.18	12.63	4.07	3.65	6.99	6.99	240.55	12.63	6.46	3.65	4.51	7.55	
10	2.18	6.99	3.65	2.88	11.25	482.86	653.00	12.63	6.46	3.65	4.51	6.99	
11	1.87	10.59	3.25	2.52	6.46	56.64	5901.66	12.63	6.46	3.65	4.07	6.99	
12	1.87	1812.71	2.88	2.52	4.97	230.28	1171.61	11.25	6.46	3.65	3.65	6.99	
13	1.87	52.60	3.65	2.18	6.46	653.00	414.60	11.25	6.46	3.65	3.65	6.99	
14	1.87	74.13	2.88	1.87	4.97	240.55	261.70	11.25	6.46	3.65	3.25	6.99	
15	1.57	18.83	2.18	1.57	3.25	93.65	555.68	10.59	5.94	3.65	3.25	6.99	
16	1.30	98.84	1.87	1.57	3.25	155.30	155.30	10.59	5.45	3.65	2.88	6.99	
17	1.30	191.17	4.97	1.87	5.45	2378.00	98.84	10.59	5.45	3.65	2.88	6.99	
18	1.06	138.61	6.99	1.57	335.79	1059.33	74.13	9.32	5.45	3.25	2.88	6.99	
19	1.06	109.60	6.46	1.87	17.18	1171.61	56.64	9.32	4.97	3.25	2.88	6.99	
20	1.30	12.63	4.51	1.30	6.46	45473.44	44.91	9.32	4.97	3.25	2.88	6.46	
21	1.30	44.91	3.65	1.57	4.07	6522.38	41.27	9.32	4.97	3.25	2.88	6.46	
22	1.30	7.55	2.88	1.87	3.65	3292.40	34.39	8.71	4.51	3.25	2.88	6.46	
23	1.06	6.99	6.46	1.87	3.65	518.71	28.08	8.71	4.97	3.25	2.88	11.25	
24	0.63	5.45	4.07	1.57	4.07	93.65	26.10	8.71	4.51	3.25	2.88	11.25	
25	11.25	4.07	5.45	1.87	3.65	56.64	26.10	8.71	4.07	3.65	2.88	7.55	
26	2.88	3.65	15.60	2.18	3.25	44.91	26.10	8.12	4.07	3.65	2.88	6.99	
27	1.30	3.25	4.51	1.87	2.88	56.64	24.19	8.12	4.07	3.65	2.88	6.99	
28	48.69	2.88	4.07	1.87	9.95	98.84	24.19	7.55	4.07	3.65	9.32	6.99	
29	15.60	4.07	7.55	1.57	10.59	431.23	22.34	7.55	4.07	3.65	8.71	6.46	
30	3.65	9.32	31.17	1.30	9.95	230.28	22.34	7.55	4.07	3.25		6.46	
31		4.51		1.06	5.94		18.83		4.07	3.25		6.46	
Total	117.79	2820.60	179.00	81.79	519.58	63706.05	41016.44	349.17	176.10	112.07	111.78	230.50	109420.87 Ton/day
Mean	3.93	90.99	5.97	2.64	16.76	2123.54	1323.11	11.64	5.68	3.62	3.85	7.44	Ton/day
Max	48.69	1812.71	31.17	8.71	335.79	45473.44	17125.26	20.55	7.55	4.07	9.32	11.25	45473.44 Ton/day
Min	0.63	1.87	1.87	1.06	1.87	4.51	18.83	7.55	4.07	3.25	2.88	6.46	0.63 Ton/day

WATER YEAR : 2007**PASAK RIVER BASIN****Lam Sonthi at Ban Tha Yiam, Lop Buri (S.13)**

Lat 15 - 20 - 21 N Long 101 - 22 - 30 E

Location : on left bank near Wat Tha Yiam.

	Ban Tha Yiam	Amphoe Lam Sonthi	Changwat Lop Buri
Drainage Area	357 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1988-Cont'd		
Actual Measurement	1988-Cont'd		
Using Rating Curve Water Year	1988-2007		
Number of observation	142		
R-Square	0.8634		
Remarks	Continued Sediment Station		

QS = 14.5390 QW^{1.43220}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	36.46	2.97	7.50	13.10	14.54	27.24	82.48	7.00	2.35	2.35	66.80	50.94	
2	36.46	2.97	6.18	88.88	13.51	24.75	37.84	6.66	2.35	2.35	72.14	50.94	
3	5.86	10.56	4.63	39.23	13.51	191.95	20.01	6.18	2.35	2.35	72.14	49.43	
4	2.97	315.85	3.91	28.50	13.10	16.67	376.52	5.86	2.35	2.35	72.14	49.43	
5	47.93	35.09	3.91	44.97	12.11	11.52	566.40	5.86	2.35	2.00	72.14	84.60	
6	47.93	473.31	3.23	11.13	11.52	10.19	323.25	5.86	2.35	2.00	57.13	84.60	
7	47.93	104.36	2.97	12.50	11.52	10.19	279.60	5.86	2.59	1.77	6.66	84.60	
8	47.93	22.35	2.97	43.52	11.52	9.26	248.15	5.86	2.59	158.00	3.64	50.94	
9	21.17	10.56	2.59	20.01	11.52	8.37	221.16	5.39	2.59	152.05	3.23	50.94	
10	5.08	16.67	2.59	61.91	11.52	8.37	201.55	5.39	2.59	120.57	2.97	50.94	
11	14.12	9.26	3.23	25.99	11.52	7.84	1487.06	5.08	2.97	15.59	2.59	50.94	
12	14.12	21.17	2.97	31.09	11.52	7.84	1953.40	20.01	2.97	3.91	24.75	50.94	
13	14.12	14.54	27.24	54.01	17.76	843.10	1542.91	113.54	2.97	3.23	29.79	49.43	
14	14.12	1780.38	15.59	10.56	33.74	72.14	940.44	5.86	2.97	2.97	52.47	47.93	
15	279.60	607.07	9.26	12.50	66.80	39.23	566.40	5.08	2.97	2.97	52.47	47.93	
16	14.12	357.22	9.26	78.30	3.64	61.91	372.64	4.34	2.97	2.35	52.47	47.93	
17	7.00	617.37	9.26	28.50	3.91	60.30	149.10	3.91	2.97	2.35	52.47	47.93	
18	4.34	161.01	11.52	21.17	11.13	50.94	135.02	3.91	2.59	2.00	50.94	20.01	
19	4.34	44.97	54.01	15.59	11.13	32.41	127.73	3.64	2.59	2.00	50.94	11.52	
20	4.34	22.35	50.94	14.54	11.13	102.11	63.53	3.23	2.59	2.00	50.94	11.52	
21	4.34	13.10	46.44	12.50	23.54	40.65	18.88	2.97	2.59	2.00	55.56	11.52	
22	3.91	11.13	46.44	12.11	40.65	24.75	12.50	2.97	2.59	2.00	66.80	11.52	
23	0.96	10.19	23.54	13.10	40.65	14.54	11.52	2.97	2.59	2.00	66.80	11.52	
24	0.78	8.37	23.54	13.10	40.65	12.11	10.56	2.59	2.59	2.00	52.47	17.76	
25	0.78	7.00	23.54	13.51	179.38	10.19	10.19	2.59	2.59	2.35	50.94	46.44	
26	0.78	6.66	12.11	12.50	185.63	10.19	9.63	2.35	2.35	54.01	52.47	46.44	
27	0.78	5.86	11.52	11.52	185.63	10.19	9.26	2.35	2.35	54.01	50.94	46.44	
28	2.35	22.35	12.11	11.52	293.94	9.26	8.72	2.35	2.35	55.56	50.94	46.44	
29	2.35	15.59	12.11	13.10	214.56	8.37	8.37	2.35	2.35	55.56	50.94	46.44	
30	6.66	14.12	22.35	15.59	33.74	1232.48	7.50	2.35	2.35	55.56		46.44	
31		9.26		21.17	46.44		7.50		2.35	55.56		46.44	
Total	693.63	4753.66	467.46	805.72	1591.46	2969.06	9809.82	254.36	80.07	825.77	1346.68	1370.84	24968.53 Ton/day
Mean	23.12	153.34	15.58	25.99	51.34	98.97	316.45	8.48	2.58	26.64	46.44	44.22	Ton/day
Max	279.60	1780.38	54.01	88.88	293.94	1232.48	1953.40	113.54	2.97	158.00	72.14	84.60	1953.40 Ton/day
Min	0.78	2.97	2.59	10.56	3.64	7.84	7.50	2.35	2.35	1.77	2.59	11.52	0.78 Ton/day

WATER YEAR : 2007

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	2003-2007					
Number of observation	53					
R-Square	0.8064					
Remarks	Continued Sediment Station					

$$QS = 2.9470 QW^{1.01550}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	125.77	99.51	358.65	63.31	49.22	53.13	283.27	1080.35	64.88	87.68	152.43	124.82	
2	124.82	99.51	355.27	55.48	49.22	52.35	420.72	1068.89	64.88	86.10	184.90	126.72	
3	124.02	101.09	351.89	53.91	49.22	51.57	502.66	1011.61	64.88	86.10	185.85	127.67	
4	129.57	103.46	351.89	53.13	48.44	54.69	524.68	875.33	64.88	86.10	184.90	126.72	
5	138.14	101.09	353.02	53.13	48.44	53.13	743.93	494.90	64.09	86.10	174.38	126.72	
6	137.18	99.51	364.29	53.13	48.44	53.13	1075.76	254.09	64.09	86.10	120.06	125.77	
7	136.23	100.30	480.66	53.91	48.44	53.13	1181.28	102.67	72.73	86.10	88.47	124.82	
8	137.18	100.30	520.80	53.13	45.48	54.69	1236.40	77.44	122.44	86.10	87.68	124.82	
9	136.23	104.25	513.02	60.17	46.88	55.48	1373.85	54.69	124.82	85.31	86.89	124.82	
10	129.57	113.73	503.96	76.66	53.91	55.48	1192.76	47.66	90.83	85.31	86.89	124.02	
11	128.62	108.20	505.25	76.66	53.91	54.69	1133.09	47.66	64.09	85.31	86.89	123.23	
12	128.62	109.78	511.73	53.13	53.91	53.91	1172.10	44.23	84.53	85.31	79.80	122.44	
13	128.62	112.15	503.96	51.57	53.91	53.91	1284.65	42.98	111.36	85.31	65.66	122.44	
14	128.62	111.36	491.01	51.57	53.91	53.91	1420.70	42.98	112.15	85.31	72.73	152.43	
15	126.72	112.94	496.19	50.78	53.91	62.53	1408.20	42.36	112.15	84.53	106.62	209.79	
16	126.72	108.99	507.84	51.57	53.91	70.37	1492.58	42.36	114.52	84.53	117.69	208.83	
17	125.77	120.86	506.55	52.35	53.91	69.59	1567.65	42.36	126.72	85.31	129.57	205.00	
18	125.77	140.04	489.72	52.35	54.69	69.59	1508.21	42.36	126.72	84.53	130.52	175.34	
19	125.77	118.48	484.54	52.35	55.48	69.59	1480.07	41.73	126.72	84.53	129.57	136.23	
20	124.82	116.90	491.01	51.57	55.48	70.37	1426.94	41.11	126.72	84.53	129.57	118.48	
21	124.82	116.90	476.78	50.78	56.26	82.95	1096.40	41.11	125.77	84.53	129.57	117.69	
22	124.82	106.62	478.07	50.78	53.91	82.16	1080.35	43.60	125.77	83.74	128.62	117.69	
23	112.15	119.27	457.38	50.78	51.57	78.23	1068.89	65.66	125.77	93.98	127.67	116.90	
24	64.88	195.42	409.42	50.78	52.35	65.66	1071.18	65.66	125.77	131.47	131.47	116.90	
25	64.09	226.09	384.59	50.78	53.91	46.10	1064.30	73.51	124.82	146.71	127.67	116.90	
26	64.09	228.01	287.76	50.78	53.91	39.86	945.88	65.66	124.82	209.79	126.72	142.90	
27	67.23	228.01	178.21	50.00	53.91	40.49	817.74	65.66	124.02	211.70	126.72	208.83	
28	99.51	228.01	116.11	50.00	55.48	64.09	805.19	65.66	124.02	211.70	125.77	205.00	
29	101.09	246.24	103.46	50.78	57.04	90.83	844.00	64.88	124.02	211.70	125.77	203.08	
30	100.30	284.39	92.41	50.78	55.48	176.29	971.22	64.88	124.02	210.75		202.12	
31		325.99		49.22	55.48		1075.76		108.20	187.77		191.59	
Total	3511.74	4487.40	12125.44	1675.32	1630.01	1931.90	33270.41	6114.04	3261.20	3494.04	3551.05	4570.71	79623.26 Tonday
Mean	117.06	144.75	404.18	54.04	52.58	64.40	1073.24	203.80	105.20	112.71	122.45	147.44	Ton/day
Max	138.14	325.99	520.80	76.66	57.04	176.29	1567.65	1080.35	126.72	211.70	185.85	209.79	1567.65 Ton/day
Min	64.09	99.51	92.41	49.22	45.48	39.86	283.27	41.11	64.09	83.74	65.66	116.90	39.86 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	28		
R-Square	0.9597		
Remarks	Continued Sediment Station		

$$QS = 4.5265 QW^{0.35680}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.53	11.14	10.30	7.97	8.36	7.51	8.89	10.20	6.52	4.77	2.95	4.18	
2	4.25	9.85	10.06	7.62	7.62	7.62	8.78	9.96	6.31	4.65	3.23	4.10	
3	4.10	9.96	9.85	7.41	7.13	8.42	9.11	9.75	6.09	4.59	3.48	3.94	
4	4.18	12.34	9.75	7.19	6.84	7.97	9.54	9.59	5.94	4.46	6.31	3.77	
5	4.10	13.98	9.27	7.08	6.59	7.41	9.96	9.37	5.86	4.32	6.09	3.56	
6	4.10	14.92	9.00	6.90	6.45	7.30	9.70	9.17	5.78	4.25	5.69	3.40	
7	4.03	15.48	9.27	6.84	6.45	7.19	9.06	9.00	5.64	4.25	5.58	3.32	
8	4.03	14.76	9.70	7.19	6.78	7.19	8.78	8.84	5.58	4.25	5.53	3.32	
9	4.10	13.50	9.27	7.51	6.84	8.89	9.06	8.55	5.47	4.25	5.35	3.32	
10	4.18	12.99	8.89	7.36	6.96	9.27	9.91	8.30	5.35	4.32	5.05	3.32	
11	5.64	14.59	8.72	7.13	6.96	8.30	10.77	8.17	5.35	4.25	4.83	3.40	
12	12.99	17.22	8.49	6.90	7.08	7.41	11.72	8.04	5.23	4.25	4.65	3.40	
13	15.97	17.65	8.30	6.65	7.19	6.96	12.94	8.04	5.23	4.25	4.46	3.40	
14	19.58	18.66	8.17	6.45	7.46	6.78	15.44	8.04	5.10	4.25	4.32	3.32	
15	16.89	22.81	7.97	6.31	7.41	6.59	22.81	7.90	5.10	3.94	4.39	3.32	
16	17.46	26.02	7.62	6.17	7.30	7.02	26.02	7.69	5.10	3.63	4.39	3.32	
17	14.92	27.18	7.30	6.24	7.13	7.90	25.76	5.94	5.10	3.40	4.32	3.32	
18	12.34	25.46	7.08	6.17	7.02	8.23	26.41	7.25	5.05	3.32	4.18	3.32	
19	10.67	22.00	7.08	6.17	6.84	7.76	27.09	7.41	4.94	3.32	4.18	3.32	
20	9.54	19.91	7.02	5.94	6.52	8.42	24.32	7.36	4.94	3.48	4.25	3.05	
21	8.84	17.77	7.19	6.02	6.24	9.00	20.71	7.30	4.89	3.40	4.46	2.59	
22	8.42	16.14	7.19	5.86	6.52	8.84	18.33	7.30	4.89	3.32	4.77	2.45	
23	8.11	14.80	7.25	6.02	6.59	8.55	16.68	7.30	4.89	3.23	4.77	2.45	
24	7.76	13.86	7.13	6.09	6.52	9.06	15.21	7.08	4.83	2.84	4.71	2.72	
25	7.46	12.99	7.69	6.17	6.38	9.37	14.11	6.96	4.77	2.84	4.71	2.84	
26	7.19	12.30	7.62	6.38	6.52	9.42	13.23	6.90	4.77	2.95	4.53	2.72	
27	6.96	11.77	8.49	7.83	6.52	9.80	12.67	6.78	4.77	2.84	4.46	2.72	
28	6.84	11.34	9.22	10.44	6.52	9.42	12.05	6.78	4.77	2.72	4.46	3.14	
29	7.13	11.04	9.17	10.77	6.78	9.17	11.44	6.84	4.77	2.72	4.39	3.23	
30	8.55	10.72	8.61	10.35	7.25	9.00	10.99	6.71	4.77	2.72		3.23	
31		10.44		9.32	7.41		10.56		4.77	2.84		4.59	
Total	254.86	483.59	252.67	222.45	214.18	245.77	452.05	238.52	162.57	114.62	134.49	102.08	2877.85 Ton/day
Mean	8.50	15.60	8.42	7.18	6.91	8.19	14.58	7.95	5.24	3.70	4.64	3.29	Ton/day
Max	19.58	27.18	10.30	10.77	8.36	9.80	27.09	10.20	6.52	4.77	6.31	4.59	27.18 Ton/day
Min	4.03	9.85	7.02	5.86	6.24	6.59	8.78	5.94	4.77	2.72	2.95	2.45	2.45 Ton/day

WATER YEAR : 2007**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
Drainge Area	1,344 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	2007		
Number of observation	20		
R-Square	0.9363		
Remarks	Continued Sediment Station		

$$QS = 2.1765 QW^{1.60400}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.60	8.86	4.63	58.71	139.84	101.89	81.91	49.35	47.11	2.00	0.72	0.96	
2	0.72	129.93	4.17	53.95	110.96	71.24	71.24	51.63	42.74	2.00	0.83	0.83	
3	0.50	246.91	3.73	42.74	73.85	53.95	68.66	47.11	38.54	1.84	0.83	0.72	
4	0.40	228.51	5.59	30.64	49.35	42.74	58.71	38.54	21.75	1.84	0.96	0.60	
5	0.60	120.30	7.15	28.77	40.62	42.74	49.35	28.77	12.68	1.84	6.62	0.60	
6	0.40	81.91	5.10	808.10	38.54	40.62	66.12	25.17	11.35	1.68	6.09	0.40	
7	0.32	63.61	3.32	17697.44	34.50	71.24	76.50	20.11	10.71	1.68	2.92	0.32	
8	1.37	51.63	8.28	4046.39	32.55	58.71	58.71	16.99	9.46	1.52	1.52	0.32	
9	1.52	49.35	6.62	1386.28	40.62	73.85	47.11	15.50	8.86	1.52	1.52	0.32	
10	2.92	53.95	7.15	744.27	76.50	61.14	44.91	12.68	8.86	1.52	1.23	0.32	
11	3.32	56.31	7.71	445.63	96.02	40.62	165.79	12.01	8.28	1.37	1.23	0.32	
12	2.18	44.91	10.08	332.64	101.89	32.55	325.70	12.01	7.15	1.37	1.09	0.50	
13	20.11	42.74	20.11	291.88	90.27	26.94	808.10	12.01	7.15	1.37	1.09	0.32	
14	26.94	38.54	10.71	272.26	71.24	23.43	498.55	14.06	6.62	1.23	0.83	0.24	
15	42.74	120.30	8.28	259.47	51.63	28.77	332.64	21.75	6.09	1.23	0.96	0.16	
16	20.11	87.45	8.86	240.72	40.62	228.51	550.87	66.12	6.09	1.23	1.09	0.24	
17	9.46	87.45	21.75	210.66	32.55	397.46	397.46	76.50	6.09	1.09	1.37	0.16	
18	5.10	79.19	36.50	176.62	28.77	368.11	298.53	47.11	5.59	1.09	1.52	0.10	
19	2.92	84.66	16.99	144.90	25.17	360.91	228.51	56.31	5.10	0.96	1.37	0.10	
20	3.32	56.31	11.35	150.02	21.75	210.66	165.79	425.10	4.63	0.96	1.09	0.16	
21	10.08	36.50	21.75	182.14	18.52	285.28	129.93	550.87	4.17	0.96	0.96	1.09	
22	7.15	25.17	66.12	182.14	16.99	697.71	96.02	339.62	3.73	0.96	0.83	1.84	
23	9.46	18.52	44.91	222.50	12.68	637.41	81.91	259.47	3.73	0.83	0.72	1.68	
24	9.46	14.06	47.11	204.83	18.52	353.76	73.85	176.62	3.32	0.83	0.60	3.32	
25	6.62	11.35	30.64	144.90	16.99	228.51	63.61	101.89	3.32	0.83	0.50	2.18	
26	9.46	10.08	23.43	115.59	14.06	222.50	56.31	81.91	2.92	0.83	0.40	1.52	
27	7.15	8.86	21.75	139.84	15.50	187.72	49.35	79.19	2.54	0.83	0.40	1.23	
28	5.59	8.28	42.74	150.02	16.99	139.84	47.11	76.50	2.54	0.83	0.96	1.09	
29	3.73	7.15	56.31	144.90	34.50	115.59	49.35	71.24	2.18	0.83	0.83	2.00	
30	5.59	6.62	51.63	305.24	73.85	93.13	58.71	66.12	2.18	1.52		1.09	
31		5.59		171.17	176.62		47.11		2.00	1.09		1.52	
Total	219.84	1885.00	614.47	29385.36	1612.46	5297.53	5148.42	2852.26	307.48	39.68	41.08	26.25	47429.83 Tonday
Mean	7.33	60.81	20.48	947.91	52.01	176.58	166.08	95.08	9.92	1.28	1.42	0.85	Ton/day
Max	42.74	246.91	66.12	17697.44	176.62	697.71	808.10	550.87	47.11	2.00	6.62	3.32	17697.44 Ton/day
Min	0.32	5.59	3.32	28.77	12.68	23.43	44.91	12.01	2.00	0.83	0.40	0.10	0.10 Ton/day

WATER YEAR : 2007**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	1997-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	24		
R-Square	0.8889		
Remarks	Continued Sediment Station		

$$QS = 0.5043 QW^{1.77070}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	1.88	1.43	141.20	65.37	106.03	90.10	36.93	9.50	2.93	1.22	0.86	
2	0.70	7.23	1.43	62.43	75.32	110.18	86.30	34.93	9.50	2.65	1.03	0.80	
3	0.65	2.38	1.22	75.32	56.73	93.98	97.92	32.98	9.50	2.65	1.03	0.92	
4	0.65	1.88	1.22	136.56	56.73	110.18	101.94	31.07	8.72	2.65	1.03	0.80	
5	0.65	36.93	1.22	1202.66	97.92	90.10	243.70	29.22	8.72	2.65	1.03	0.75	
6	0.60	19.59	1.43	1154.33	132.00	75.32	267.87	27.41	7.96	2.38	1.03	0.75	
7	0.60	18.30	1.22	472.98	150.67	106.03	191.19	25.66	7.96	2.38	0.97	0.70	
8	0.60	8.72	1.03	284.54	163.71	93.98	157.13	25.66	7.23	2.38	0.97	0.70	
9	0.75	8.72	1.03	163.71	4009.75	101.94	141.20	23.96	7.23	2.38	0.97	0.65	
10	0.80	4.07	1.22	118.70	1740.29	106.03	118.70	22.31	7.23	2.12	0.97	0.65	
11	0.97	4.64	1.03	90.10	1841.52	101.94	163.71	20.93	7.23	2.12	0.92	0.65	
12	1.22	7.96	0.97	82.57	1875.60	90.10	145.90	20.93	6.54	2.12	0.92	0.65	
13	2.12	22.31	0.92	145.90	1251.85	86.30	145.90	19.59	6.54	1.88	0.92	0.65	
14	1.88	9.50	1.03	424.93	701.65	78.91	123.06	22.31	5.87	1.88	0.97	0.70	
15	1.65	11.34	1.03	320.67	497.84	82.57	123.06	20.93	5.87	1.88	0.97	0.92	
16	3.53	13.50	0.92	301.65	380.74	71.80	106.03	18.30	5.87	1.88	0.92	0.97	
17	1.22	15.82	0.92	198.35	311.10	106.03	97.92	18.30	5.24	1.65	0.92	0.92	
18	0.86	8.72	0.86	163.71	276.15	127.50	90.10	17.04	5.24	1.65	0.92	0.75	
19	0.86	7.23	3.53	118.70	220.52	114.41	82.57	15.82	5.24	1.65	0.92	0.70	
20	0.80	6.54	1.65	101.94	191.19	141.20	75.32	15.82	4.64	1.65	0.86	0.65	
21	1.65	4.64	1.65	132.00	170.41	141.20	68.36	15.82	4.64	1.43	0.86	0.65	
22	0.97	4.07	1.43	145.90	163.71	184.15	62.43	14.64	4.64	1.43	0.80	0.65	
23	0.80	5.24	1.03	110.18	141.20	157.13	59.55	14.64	4.64	1.43	0.80	0.60	
24	0.70	4.64	5.24	127.50	132.00	132.00	56.73	13.50	4.64	1.43	0.80	0.60	
25	0.75	7.23	5.24	90.10	123.06	106.03	53.97	13.50	4.64	1.43	0.75	0.97	
26	0.80	4.07	4.07	78.91	127.50	118.70	51.27	12.40	4.07	1.43	0.75	5.24	
27	0.86	3.22	5.24	86.30	110.18	110.18	48.63	12.40	4.07	1.43	0.80	1.22	
28	0.80	2.65	136.56	71.80	97.92	106.03	46.05	11.34	4.07	1.22	1.03	0.92	
29	0.86	2.38	213.02	93.98	93.98	118.70	43.53	11.34	3.53	1.22	0.92	0.75	
30	1.22	1.88	523.25	90.10	90.10	101.94	41.08	10.32	3.53	1.22		0.70	
31		1.65		65.37	93.98		36.93		3.22	1.22		0.70	
Total	31.22	258.93	922.04	6853.09	15440.69	3270.59	3218.15	610.00	187.52	58.42	27.00	28.14	30905.79 Ton/day
Mean	1.04	8.35	30.73	221.07	498.09	109.02	103.81	20.33	6.05	1.88	0.93	0.91	Ton/day
Max	3.53	36.93	523.25	1202.66	4009.75	184.15	267.87	36.93	9.50	2.93	1.22	5.24	4009.75 Ton/day
Min	0.60	1.65	0.86	62.43	56.73	71.80	36.93	10.32	3.22	1.22	0.75	0.60	0.60 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	27		
R-Square	0.8986		
Remarks	Continued Sediment Station		

$$QS = 1.2701 QW^{1.57720}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.43	6.81	2.93	136.45	62.71	54.96	52.60	25.51	6.81	2.16	0.30	0.36		
2	0.36	20.32	2.93	65.65	57.37	52.60	52.60	23.73	6.81	1.92	0.30	0.43		
3	0.24	11.76	2.93	54.96	47.98	47.98	57.37	22.00	6.81	1.69	0.30	0.24		
4	0.24	11.76	2.16	84.34	52.60	43.52	57.37	20.32	6.81	1.69	0.24	0.14		
5	0.24	102.68	2.93	1014.04	62.71	41.35	102.68	20.32	6.08	1.69	0.24	0.14		
6	0.19	65.65	8.35	1468.16	81.11	52.60	159.28	18.69	6.08	1.69	0.24	0.14		
7	0.19	47.98	5.39	841.88	106.71	74.78	110.79	17.63	6.08	1.69	0.24	0.10		
8	0.14	23.73	4.72	257.24	136.45	50.27	90.94	16.59	5.39	1.69	0.24	0.10		
9	0.14	15.57	4.09	132.03	2115.38	43.52	90.94	15.57	5.39	1.48	0.24	0.10		
10	8.35	11.76	4.09	77.92	1707.71	41.35	81.11	15.57	5.39	1.48	0.24	0.06		
11	4.72	20.32	2.41	62.71	1046.58	45.73	293.07	14.58	5.39	1.48	0.19	0.06		
12	6.81	39.22	2.41	62.71	1014.04	45.73	178.47	14.58	4.72	1.48	0.19	0.06		
13	10.87	71.69	2.16	102.68	997.90	41.35	218.51	14.58	4.72	1.27	0.19	0.06		
14	18.69	39.22	1.92	349.96	577.94	35.08	149.99	16.59	4.72	1.27	0.19	0.10		
15	6.08	52.60	1.69	278.53	358.61	31.12	140.91	15.57	4.09	1.27	0.19	0.14		
16	10.00	50.27	1.69	230.49	257.24	35.08	145.42	14.58	4.09	1.27	0.19	0.89		
17	4.09	37.13	2.16	189.60	195.26	57.37	84.34	13.62	4.09	1.27	0.24	1.08		
18	1.69	20.32	1.69	178.47	164.00	81.11	71.69	12.67	4.09	1.27	0.24	0.57		
19	1.48	14.58	2.41	123.37	154.61	65.65	62.71	12.67	3.50	1.08	0.24	0.19		
20	1.27	12.67	2.93	94.80	123.37	77.92	57.37	12.67	3.50	1.08	0.19	0.14		
21	17.63	9.16	4.09	106.71	98.71	90.94	50.27	11.76	2.93	0.89	0.19	0.14		
22	4.09	7.57	4.09	110.79	98.71	119.12	47.98	11.76	2.93	0.89	0.14	0.14		
23	1.48	6.81	6.81	102.68	81.11	84.34	45.73	10.87	2.41	0.89	0.14	0.10		
24	1.48	6.81	37.13	168.77	74.78	71.69	39.22	10.00	2.41	0.57	0.14	0.10		
25	1.27	8.35	41.35	102.68	74.78	68.65	37.13	10.00	2.41	0.36	0.14	1.92		
26	9.16	6.08	20.32	90.94	74.78	81.11	35.08	9.16	2.41	0.36	0.14	9.16		
27	7.57	5.39	20.32	77.92	68.65	59.81	35.08	9.16	2.16	0.36	0.19	1.69		
28	6.08	6.08	98.71	74.78	62.71	81.11	31.12	9.16	2.16	0.36	0.30	0.43		
29	25.51	8.35	77.92	119.12	57.37	77.92	31.12	8.35	2.16	0.36	0.24	0.24		
30	8.35	5.39	358.61	94.80	57.37	59.81	27.34	7.57	2.16	0.30		0.19		
31		4.72		87.62	54.96		25.51		2.16	0.30		0.14		
Total	158.84	750.75	731.34	6942.80	10124.21	1813.57	2663.74	435.83	130.86	35.56	6.25	19.35	23813.10	Ton/day
Mean	5.29	24.22	24.38	223.96	326.59	60.45	85.93	14.53	4.22	1.15	0.22	0.62		Ton/day
Max	25.51	102.68	358.61	1468.16	2115.38	119.12	293.07	25.51	6.81	2.16	0.30	9.16	2115.38	Ton/day
Min	0.14	4.72	1.69	54.96	47.98	31.12	25.51	7.57	2.16	0.30	0.14	0.06	0.06	Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	27		
R-Square	0.9143		
Remarks	Continued Sediment Station		

$$QS = 0.5552 QW^{1.69290}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.79	4.41	3.17	278.91	120.51	151.74	142.52	57.49	17.59	6.30	6.82	5.80	
2	1.65	14.25	2.98	112.13	124.79	166.01	151.74	57.49	16.44	5.80	6.82	5.32	
3	1.50	6.82	2.98	100.03	108.03	142.52	190.96	54.38	15.33	5.80	6.82	5.32	
4	1.36	5.80	2.80	243.91	108.03	142.52	175.82	46.64	15.33	5.80	6.30	4.41	
5	1.36	108.03	4.86	3064.06	175.82	133.53	386.86	44.93	15.33	5.80	6.30	3.98	
6	1.36	60.66	4.41	3647.47	223.85	129.13	558.85	43.24	14.25	5.80	6.30	3.98	
7	1.50	44.93	3.37	2472.96	243.91	196.12	395.12	41.58	14.25	5.80	6.30	3.98	
8	1.50	21.21	2.98	650.92	323.41	151.74	315.80	39.94	13.20	5.32	6.30	3.57	
9	1.65	14.25	2.80	346.66	6910.56	161.20	271.76	38.33	13.20	5.32	5.80	3.57	
10	4.41	8.47	2.80	230.46	6540.22	156.44	362.52	36.75	12.19	5.32	5.80	3.57	
11	3.37	13.20	2.62	166.01	4870.15	151.74	650.92	33.67	12.19	5.32	5.80	3.57	
12	4.86	27.84	2.44	147.10	4708.99	142.52	420.31	33.67	12.19	4.86	5.80	3.57	
13	6.82	57.49	2.44	331.08	3647.47	129.13	454.89	33.67	11.21	4.86	5.32	3.57	
14	7.35	29.25	2.27	851.94	1908.33	112.13	378.67	38.33	11.21	4.86	6.30	3.98	
15	5.32	30.70	2.62	748.67	1150.56	104.00	315.80	35.19	11.21	4.41	5.80	4.86	
16	6.82	32.17	2.27	615.72	799.62	100.03	257.68	32.17	10.26	4.41	6.30	6.82	
17	3.57	29.25	2.44	481.55	615.72	175.82	223.85	29.25	10.26	4.41	5.80	7.35	
18	2.80	17.59	2.27	420.31	547.74	237.15	190.96	27.84	9.34	3.98	5.32	5.80	
19	2.44	13.20	3.37	271.76	463.71	196.12	166.01	27.84	9.34	3.98	4.86	4.41	
20	2.27	11.21	2.98	217.32	386.86	257.68	147.10	29.25	9.34	3.98	4.86	3.98	
21	7.90	8.47	3.37	308.28	346.66	250.76	133.53	27.84	8.47	3.57	4.86	3.57	
22	3.37	7.35	3.37	346.66	315.80	437.46	129.13	25.10	8.47	3.57	4.41	3.57	
23	2.27	6.82	3.17	264.68	264.68	271.76	112.13	23.77	7.90	3.57	4.41	3.37	
24	1.95	6.82	23.77	346.66	223.85	230.46	104.00	22.47	7.90	5.80	4.41	3.37	
25	1.79	10.26	19.97	206.61	206.61	196.12	96.12	21.21	7.90	7.35	3.98	6.82	
26	3.17	6.82	13.20	196.12	217.32	230.46	88.50	19.97	7.35	7.35	3.98	27.84	
27	3.37	5.32	14.25	185.86	190.96	196.12	81.14	19.97	7.35	7.35	4.41	11.21	
28	2.44	4.86	250.76	180.81	170.89	190.96	77.56	19.97	7.35	7.35	5.80	5.80	
29	6.30	5.80	243.91	237.15	156.44	217.32	74.05	18.76	6.82	7.35	5.80	3.98	
30	3.98	3.98	1255.17	201.33	142.52	180.81	67.22	17.59	6.82	7.35		3.98	
31		3.37		166.01	142.52		60.66		6.30	6.82		3.98	
Total	100.24	620.60	1889.81	18039.14	36356.53	5539.50	7182.18	998.30	336.29	169.56	161.78	168.90	71562.83 Ton/day
Mean	3.34	20.02	62.99	581.91	1172.79	184.65	231.68	33.28	10.85	5.47	5.58	5.45	Ton/day
Max	7.90	108.03	1255.17	3647.47	6910.56	437.46	650.92	57.49	17.59	7.35	6.82	27.84	6910.56 Ton/day
Min	1.36	3.37	2.27	100.03	108.03	100.03	60.66	17.59	6.30	3.57	3.98	3.37	1.36 Ton/day

WATER YEAR : 2007**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.		
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	2007		
Number of observation	20		
R-Square	0.8556		
Remarks	Continued Sediment Station		

$$QS = 2.9186 QW^{2.02620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.01	3.81	3.28	76.11	383.01	105.70	97.84	28.89	4.37	1.26	0.55	0.55	
2	0.01	20.55	2.80	47.45	237.07	140.22	105.70	24.54	3.81	1.26	0.55	0.72	
3	0.01	18.68	2.36	33.60	171.21	266.45	97.84	22.50	3.81	1.26	0.55	0.55	
4	0.02	31.20	2.80	26.67	122.35	131.13	72.15	20.55	3.81	1.26	0.55	0.55	
5	0.01	313.79	5.94	237.07	97.84	90.29	60.92	18.68	3.81	1.26	0.55	0.48	
6	0.01	83.05	3.81	13162.53	83.05	140.22	57.40	16.91	3.81	1.26	0.55	0.48	
7	0.02	41.35	2.80	15846.49	76.11	330.44	47.45	15.23	3.81	1.26	0.55	0.41	
8	0.01	36.10	1.95	2398.55	97.84	159.33	41.35	13.64	3.81	1.26	0.55	0.41	
9	0.03	68.30	2.80	763.28	1455.17	105.70	131.13	12.13	3.28	1.26	0.48	0.41	
10	0.72	183.51	1.95	330.44	3356.15	90.29	297.58	10.71	3.28	1.26	0.48	0.41	
11	0.07	122.35	1.95	183.51	1603.12	97.84	2241.89	9.39	3.28	1.26	0.55	0.41	
12	0.02	64.56	1.26	122.35	1138.11	72.15	1455.17	8.15	3.28	1.26	0.48	0.41	
13	0.01	90.29	0.97	90.29	763.28	83.05	1668.75	8.15	3.28	0.97	0.48	0.41	
14	0.00	57.40	0.97	97.84	401.40	60.92	1455.17	16.91	2.80	0.97	0.55	0.48	
15	0.00	60.92	0.72	113.87	251.54	50.66	1224.68	18.68	2.80	0.97	2.36	0.48	
16	0.00	72.15	1.26	90.29	159.33	47.45	1057.10	16.91	2.80	0.72	2.80	0.55	
17	0.00	313.79	0.97	76.11	113.87	209.42	671.11	13.64	2.80	0.72	3.28	0.97	
18	0.00	223.03	0.72	60.92	122.35	347.53	420.24	12.13	2.80	0.72	2.36	0.63	
19	0.00	76.11	1.26	41.35	90.29	297.58	281.80	10.71	2.80	0.72	1.95	0.48	
20	0.00	44.35	0.72	50.66	68.30	223.03	209.42	10.71	2.36	0.63	1.26	0.48	
21	0.01	31.20	0.63	149.62	60.92	159.33	140.22	9.39	2.36	0.63	0.97	0.55	
22	0.00	22.50	1.26	365.05	47.45	149.62	105.70	9.39	2.36	0.63	0.72	0.48	
23	0.00	16.91	3.81	209.42	41.35	140.22	90.29	9.39	2.36	0.63	0.72	0.48	
24	0.00	13.64	2.36	584.94	41.35	183.51	72.15	8.15	1.95	0.55	0.72	0.48	
25	0.09	12.13	18.68	297.58	41.35	140.22	57.40	7.00	1.95	0.55	0.63	0.55	
26	196.25	9.39	31.20	209.42	47.45	113.87	47.45	5.94	1.59	0.55	0.55	1.26	
27	12.13	7.00	24.54	171.21	36.10	83.05	44.35	4.97	1.59	0.55	0.55	1.59	
28	4.97	15.23	44.35	237.07	36.10	76.11	38.68	4.37	1.59	0.55	0.55	0.97	
29	4.97	8.15	33.60	904.14	53.97	105.70	36.10	4.37	1.59	0.55	0.55	0.63	
30	1.95	4.37	68.30	1180.99	105.70	76.11	33.60	4.37	1.59	0.55		0.55	
31		3.28		979.11	140.22		28.89		1.26	0.55		0.55	
Total	221.32	2069.09	270.02	39137.93	11443.35	4277.14	12389.52	376.50	86.79	27.83	27.39	18.36	70345.24 Ton/day
Mean	7.38	66.74	9.00	1262.51	369.14	142.57	399.66	12.55	2.80	0.90	0.94	0.59	Ton/day
Max	196.25	313.79	68.30	15846.49	3356.15	347.53	2241.89	28.89	4.37	1.26	3.28	1.59	15846.49 Ton/day
Min	0.00	3.28	0.63	26.67	36.10	47.45	28.89	4.37	1.26	0.55	0.48	0.41	0.00 Ton/day

WATER YEAR : 2007**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	2000-2007		
Number of observation	147		
R-Square	0.8563		
Remarks	Continued Sediment Station		

$$QS = 3.8667 QW^{1.80550}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.47	2.36	0.64	23.24	9.03	13.52	9.03	5.37	1.73	0.47	0.25	0.25	
2	0.39	1.73	0.55	11.17	10.08	13.52	9.03	4.59	1.73	0.47	0.25	0.19	
3	0.39	0.64	0.55	8.04	8.04	12.32	8.04	4.59	1.73	0.47	0.25	0.19	
4	1.45	0.95	0.47	8.04	7.10	29.82	9.03	4.59	1.73	0.47	0.25	0.14	
5	0.47	0.64	0.47	143.46	20.22	16.05	13.52	3.87	1.45	0.47	0.25	0.14	
6	0.47	0.64	0.47	57.97	21.71	16.05	12.32	3.87	1.45	0.47	0.19	0.14	
7	0.39	0.64	0.47	37.12	20.22	26.44	9.03	3.87	1.45	0.47	0.19	0.10	
8	0.39	0.55	0.47	33.38	21.71	18.79	8.04	3.87	1.45	0.47	0.19	0.10	
9	0.32	0.55	0.47	29.82	1756.11	16.05	9.03	3.46	1.45	0.47	0.19	0.10	
10	0.47	3.87	0.47	21.71	176.50	13.52	7.10	3.46	1.45	0.47	0.19	0.10	
11	0.39	3.07	0.47	18.79	138.25	12.32	11.17	3.07	1.19	0.47	0.14	0.06	
12	1.19	2.36	0.47	13.52	101.52	12.32	13.52	3.07	1.19	0.39	0.14	0.06	
13	0.55	1.19	0.47	13.52	90.12	11.17	11.17	3.07	1.19	0.39	0.14	0.06	
14	0.47	4.59	0.95	13.52	57.97	11.17	20.22	3.46	1.19	0.39	0.14	0.06	
15	0.39	7.10	2.36	13.52	55.20	11.17	23.24	3.46	1.19	0.39	0.14	0.06	
16	0.32	5.37	0.95	13.52	52.49	14.76	24.81	3.07	1.19	0.39	0.14	0.32	
17	0.32	2.70	0.64	12.32	52.49	23.24	18.79	3.07	1.19	0.39	0.14	0.14	
18	0.32	2.03	0.47	11.17	47.25	21.71	16.05	2.70	1.19	0.39	0.10	0.06	
19	0.25	1.19	1.19	10.08	47.25	16.05	16.05	2.70	1.19	0.32	0.10	0.06	
20	0.19	1.19	0.55	8.04	24.81	21.71	14.76	2.70	0.95	0.32	0.10	0.06	
21	0.19	0.95	9.03	8.04	24.81	28.10	11.17	2.36	0.95	0.32	0.10	0.05	
22	0.19	0.74	10.08	8.04	24.81	16.05	10.08	2.36	0.95	0.32	0.10	0.04	
23	0.19	0.74	5.37	7.10	21.71	18.79	10.08	2.36	0.74	0.32	0.10	0.04	
24	0.19	0.95	3.46	6.21	18.79	16.05	9.03	2.03	0.74	0.32	0.10	0.04	
25	0.19	1.19	26.44	5.37	18.79	13.52	9.03	2.03	0.64	0.32	0.10	0.39	
26	0.19	0.74	7.10	9.03	17.40	12.32	9.03	2.03	0.64	0.32	0.06	0.32	
27	0.19	0.74	24.81	9.03	16.05	11.17	8.04	2.03	0.55	0.32	0.06	0.25	
28	0.25	0.64	28.10	9.03	13.52	10.08	8.04	1.73	0.55	0.32	0.32	0.14	
29	0.25	0.64	33.38	11.17	12.32	10.08	7.10	1.73	0.55	0.32	0.25	0.14	
30	0.39	0.55	29.82	12.32	13.52	9.03	7.10	1.73	0.47	0.32		0.25	
31		0.55		13.52	14.76		6.21		0.47	0.32		0.25	
Total	11.82	51.79	191.14	600.81	2914.55	476.89	358.86	92.30	34.53	12.06	4.67	4.30	4753.72 Tonday
Mean	0.39	1.67	6.37	19.38	94.02	15.90	11.58	3.08	1.11	0.39	0.16	0.14	Ton/day
Max	1.45	7.10	33.38	143.46	1756.11	29.82	24.81	5.37	1.73	0.47	0.32	0.39	1756.11 Ton/day
Min	0.19	0.55	0.47	5.37	7.10	9.03	6.21	1.73	0.47	0.32	0.06	0.04	0.04 Ton/day

WATER YEAR : 2007**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	1998-2007	
Number of observation	234	
R-Square	0.8048	
Remarks	Continued Sediment Station	

$$QS = 4.9940 QW^{1.32960}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.23	1.01	0.59	8.71	2.15	6.08	3.71	4.28	1.93	1.14	0.79	0.40	
2	0.23	0.92	0.59	3.71	2.15	4.28	6.72	4.28	1.93	1.14	0.79	0.33	
3	0.23	0.59	0.51	3.47	1.93	3.71	6.72	4.28	1.93	1.01	0.79	0.33	
4	0.20	0.71	0.59	3.17	2.15	22.38	4.28	3.71	1.93	1.01	0.79	0.33	
5	0.20	3.17	0.59	41.99	2.42	10.91	34.95	3.71	1.93	1.01	0.79	0.33	
6	0.23	24.92	0.59	22.38	2.15	6.72	9.41	3.47	1.68	1.01	0.79	0.33	
7	0.40	5.46	0.59	12.55	2.42	6.72	6.72	3.47	1.68	1.01	0.79	0.33	
8	0.23	2.42	0.79	6.72	2.42	5.46	6.08	3.47	1.68	1.01	0.79	0.33	
9	0.79	1.68	0.71	6.72	263.65	4.28	4.86	3.17	1.68	1.01	0.71	0.33	
10	0.40	1.24	0.79	3.71	31.55	5.46	84.60	3.17	1.48	1.01	0.71	0.40	
11	0.33	7.37	0.51	3.17	23.64	4.86	72.77	2.93	1.48	1.01	0.71	0.40	
12	0.23	2.42	0.40	3.17	15.99	4.86	41.99	2.93	1.48	1.01	0.71	0.40	
13	0.23	2.15	0.51	2.93	12.55	5.46	53.85	3.17	1.48	1.01	0.40	0.40	
14	0.23	1.93	0.59	3.47	10.11	6.08	33.23	3.17	1.48	1.01	1.01	0.40	
15	0.33	38.43	0.51	3.71	8.03	4.28	43.80	2.93	1.48	1.01	0.59	0.33	
16	0.40	4.86	0.59	3.17	6.72	3.71	19.91	2.93	1.48	1.01	0.51	0.33	
17	0.33	3.17	0.59	2.93	10.91	8.71	15.99	2.64	1.48	1.01	0.51	0.33	
18	0.23	2.15	0.51	2.42	9.41	5.46	13.39	2.42	1.48	0.92	0.51	0.33	
19	0.23	2.42	3.47	2.15	6.72	4.28	11.72	2.64	1.48	0.92	0.51	0.23	
20	0.20	1.48	0.92	2.15	7.37	8.03	10.91	2.64	1.48	0.92	0.40	0.23	
21	0.33	1.24	0.71	2.64	9.41	19.91	8.71	2.42	1.48	0.92	0.40	0.33	
22	0.23	1.14	0.79	6.72	6.72	10.91	8.03	2.42	1.24	0.92	0.40	0.33	
23	0.23	1.48	0.59	6.72	8.71	8.71	8.03	2.42	1.24	0.92	0.33	0.33	
24	0.20	2.15	0.79	8.71	6.72	7.37	7.37	2.42	1.24	0.92	0.33	0.33	
25	0.40	1.93	2.42	3.71	5.46	6.72	6.72	2.15	1.24	0.92	0.33	1.14	
26	0.23	1.14	1.01	4.28	4.86	5.46	6.72	2.15	1.24	0.92	0.33	1.14	
27	0.23	1.01	10.91	2.93	3.71	5.46	6.08	2.15	1.14	0.92	0.33	0.71	
28	1.01	0.92	11.72	2.64	3.47	5.46	5.46	1.93	1.14	0.92	0.33	0.51	
29	0.79	0.79	9.41	2.42	3.17	4.86	5.46	1.93	1.14	0.92	0.40	0.71	
30	1.01	0.59	24.92	2.15	10.11	4.28	4.86	1.93	1.14	0.92		0.59	
31		0.59		2.15	9.41		4.28		1.14	0.79		2.15	
Total	10.54	121.48	78.21	187.47	496.19	210.87	557.33	87.33	46.03	30.18	16.78	15.09	1857.50 Ton/day
Mean	0.35	3.92	2.61	6.05	16.01	7.03	17.98	2.91	1.48	0.97	0.58	0.49	Ton/day
Max	1.01	38.43	24.92	41.99	263.65	22.38	84.60	4.28	1.93	1.14	1.01	2.15	263.65 Ton/day
Min	0.20	0.59	0.40	2.15	1.93	3.71	3.71	1.93	1.14	0.79	0.33	0.23	0.20 Ton/day

WATER YEAR : 2007**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	1998-2007		
Number of observation	179		
R-Square	0.8854		
Remarks	Continued Sediment Station		

$$QS = 5.4466 QW^{1.41380}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.08	0.77	1.28	41.99	2.96	10.96	9.30	4.69	1.76	0.90	0.56	0.99	
2	0.21	0.68	1.28	16.39	2.96	25.38	8.76	4.69	1.76	0.77	0.56	0.99	
3	0.08	0.90	1.14	19.67	2.10	14.51	8.76	3.97	1.60	0.77	0.56	0.99	
4	0.08	1.14	1.44	12.70	1.93	64.43	23.82	3.97	1.60	0.77	0.56	0.99	
5	0.21	6.72	1.28	46.53	4.69	20.35	68.75	3.97	1.60	0.77	0.56	0.99	
6	0.15	17.68	1.28	99.40	3.97	14.51	25.38	3.63	1.60	0.77	0.77	0.99	
7	0.15	12.70	1.28	74.65	5.45	10.96	17.68	3.63	1.44	0.77	0.77	0.90	
8	0.15	5.07	1.14	38.66	4.69	9.30	12.11	3.63	1.44	0.77	0.68	0.90	
9	0.21	1.93	1.14	15.76	261.47	8.76	10.40	3.29	1.44	0.77	0.68	0.90	
10	0.37	1.60	1.14	11.53	159.94	7.72	9.30	2.96	1.44	0.77	0.56	0.90	
11	0.37	10.96	1.14	8.76	113.17	6.72	12.11	2.96	1.44	0.77	0.56	0.90	
12	0.37	9.30	1.14	6.72	82.21	5.07	25.38	2.65	1.44	0.77	0.56	0.90	
13	0.30	2.28	1.14	9.30	58.79	16.39	47.69	2.65	1.44	0.77	0.56	0.90	
14	0.30	2.96	1.14	11.53	20.35	9.30	65.86	2.65	1.44	0.77	1.14	0.90	
15	0.30	7.21	1.14	8.76	12.70	6.23	34.37	2.46	1.44	0.68	1.14	0.90	
16	0.21	33.31	0.99	15.76	12.11	5.07	37.58	2.46	1.44	0.68	0.99	0.90	
17	0.21	18.34	0.99	9.30	37.58	13.30	20.35	2.46	1.44	0.68	0.90	0.99	
18	0.21	7.72	0.90	6.72	47.69	12.11	16.39	2.46	1.44	0.56	0.77	1.44	
19	0.15	5.84	3.97	5.84	29.71	10.40	13.30	2.46	1.44	0.56	0.56	0.99	
20	9.85	2.65	1.44	8.24	63.00	9.85	10.40	2.46	1.28	0.56	0.56	0.90	
21	2.10	2.96	1.14	12.70	24.54	113.17	9.85	2.28	1.28	0.56	0.56	0.90	
22	0.90	2.65	1.14	12.70	16.39	74.65	9.30	2.10	1.28	0.56	0.56	0.77	
23	0.48	3.97	1.93	10.40	11.53	40.87	8.24	2.10	1.28	0.68	0.56	0.56	
24	0.99	3.29	2.96	18.34	10.96	21.03	7.72	2.10	1.28	0.56	0.48	0.48	
25	0.56	2.96	3.97	9.85	17.68	18.34	7.21	1.93	1.14	0.56	0.48	1.93	
26	0.56	2.65	10.96	14.51	11.53	13.30	6.72	1.93	1.14	0.56	0.48	1.28	
27	0.37	2.10	23.12	6.72	8.24	10.96	6.23	1.93	0.99	0.56	0.48	0.90	
28	2.46	1.60	32.40	5.07	6.72	10.96	5.84	1.76	0.99	0.56	0.48	0.90	
29	6.72	1.76	38.66	3.97	5.84	10.40	5.07	1.76	0.99	0.56	0.48	0.90	
30	0.99	1.60	41.99	3.29	10.96	10.40	3.63	1.76	0.90	0.56		0.90	
31		1.44		2.96	14.51		2.96		0.90	0.56		0.90	
Total	30.09	176.74	184.66	568.72	1066.37	605.40	550.46	83.75	42.09	20.91	18.56	29.68	3377.43 Tonday
Mean	1.00	5.70	6.16	18.35	34.40	20.18	17.76	2.79	1.36	0.67	0.64	0.96	Ton/day
Max	9.85	33.31	41.99	99.40	261.47	113.17	68.75	4.69	1.76	0.90	1.14	1.93	261.47 Ton/day
Min	0.08	0.68	0.90	2.96	1.93	5.07	2.96	1.76	0.90	0.56	0.48	0.48	0.08 Ton/day

WATER YEAR : 2007**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	1998-2007		
Number of observation	138		
R-Square	0.9442		
Remarks	Continued Sediment Station		

$$QS = 9.0873 QW^{1.64900}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.05	0.20	1.18	6.29	3.39	16.20	5.65	10.16	2.35	0.81	0.36	0.36	
2	0.05	0.36	0.99	3.39	5.05	112.54	7.64	9.09	2.35	0.64	0.36	0.36	
3	0.05	0.28	2.09	2.35	3.91	294.90	10.16	7.64	2.09	0.64	0.36	0.44	
4	0.05	1.18	20.34	1.84	2.62	85.72	6.95	6.95	2.09	0.64	0.54	0.44	
5	0.05	4.47	18.92	9.09	2.09	43.93	5.05	6.29	2.09	0.64	0.44	0.44	
6	0.09	1.84	2.35	476.75	2.09	28.50	4.47	5.65	2.09	0.64	0.44	0.44	
7	0.09	1.18	1.39	1185.37	1.84	46.75	3.91	5.05	2.09	0.64	0.44	0.44	
8	0.05	2.62	1.84	438.91	1.84	26.19	2.62	4.47	2.09	0.64	0.44	0.44	
9	0.09	174.42	2.90	162.14	3.39	23.95	4.47	3.91	1.84	0.64	0.44	0.44	
10	0.09	156.13	4.47	85.72	10.16	14.91	189.04	3.91	1.84	0.64	0.44	0.44	
11	0.54	65.08	1.61	58.71	21.80	11.28	659.42	3.39	1.84	0.54	0.44	0.44	
12	0.81	26.19	1.39	30.89	58.71	18.92	6906.79	3.39	1.84	0.54	0.44	0.44	
13	0.20	30.89	1.18	18.92	46.75	9.09	2292.10	3.39	1.84	0.54	0.44	0.44	
14	0.14	96.87	1.84	14.91	26.19	6.29	755.88	5.05	1.84	0.54	0.44	0.44	
15	0.14	227.56	8.35	10.16	18.92	10.16	418.42	17.54	1.61	0.54	0.64	0.44	
16	0.14	104.59	35.89	10.16	13.65	6.95	368.91	12.44	1.61	0.54	0.44	0.44	
17	0.14	112.54	2.90	10.16	10.16	49.64	312.79	6.95	1.39	0.54	0.44	0.44	
18	0.20	68.37	1.84	8.35	7.64	93.09	196.52	5.05	1.39	0.54	0.44	0.44	
19	0.14	33.35	1.39	23.95	10.16	100.70	121.97	4.47	1.39	0.54	0.44	0.36	
20	0.14	18.92	1.18	30.89	7.64	61.86	89.38	5.65	1.39	0.44	0.44	0.36	
21	0.14	11.28	0.99	33.35	6.29	46.75	68.37	5.65	1.18	0.44	0.44	0.64	
22	0.14	6.29	0.81	43.93	4.47	52.59	49.64	5.05	1.18	0.36	0.44	0.54	
23	0.14	3.91	2.09	33.35	3.91	43.93	41.18	3.91	1.18	0.36	0.36	0.44	
24	0.14	2.90	1.84	17.54	2.90	55.62	30.89	3.39	0.99	0.36	0.36	0.36	
25	0.14	2.35	18.92	12.44	3.39	21.80	23.95	3.39	0.99	0.36	0.36	0.36	
26	0.14	2.09	5.65	8.35	5.65	16.20	21.80	2.90	0.81	0.36	0.36	0.36	
27	0.14	1.61	7.64	7.64	2.90	12.44	17.54	2.90	0.81	0.36	0.36	0.36	
28	0.14	2.62	10.16	6.29	3.39	9.09	14.91	2.62	0.81	0.36	0.36	0.44	
29	0.09	1.84	3.91	4.47	2.90	7.64	14.91	2.62	0.81	0.36	0.36	0.44	
30	0.14	1.61	6.29	4.47	12.44	6.29	11.28	2.35	0.81	0.36	0.36	0.36	
31		1.39		3.91	21.80		10.16		0.81	0.36		0.36	
Total	4.60	1164.93	172.34	2764.69	328.04	1333.92	12666.77	165.22	47.44	15.91	12.26	13.14	18689.26 Ton/day
Mean	0.15	37.58	5.74	89.18	10.58	44.46	408.61	5.51	1.53	0.51	0.42	0.42	Ton/day
Max	0.81	227.56	35.89	1185.37	58.71	294.90	6906.79	17.54	2.35	0.81	0.64	0.64	6906.79 Ton/day
Min	0.05	0.20	0.81	1.84	1.84	6.29	2.62	2.35	0.81	0.36	0.36	0.36	0.05 Ton/day

WATER YEAR : 2007**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	2002-2007		
Number of observation	152		
R-Square	0.8452		
Remarks	Continued Sediment Station		

$$QS = 4.8049 QW^{1.30930}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.24	1.64	1.79	19.90	9.77	16.79	16.79	9.77	4.49	3.01	2.20	1.22	
2	0.18	1.94	1.64	9.77	9.18	15.45	12.85	9.18	4.49	3.01	2.20	1.22	
3	0.18	1.79	1.64	8.03	8.03	14.14	13.49	9.18	4.49	3.01	1.94	1.22	
4	0.18	1.79	1.64	8.03	8.03	75.05	14.79	8.60	4.49	3.01	1.94	1.08	
5	0.18	2.20	1.79	36.45	8.60	42.66	28.16	8.60	4.49	3.01	1.94	1.08	
6	0.18	4.80	1.79	96.67	10.98	47.57	25.61	8.03	4.49	3.01	1.94	0.95	
7	0.18	6.37	1.79	47.57	11.60	51.50	17.55	8.03	4.19	3.01	1.94	0.95	
8	0.12	4.49	1.79	22.30	12.85	30.77	15.45	7.46	4.19	3.01	1.94	0.82	
9	0.12	2.73	1.64	13.49	515.65	25.61	14.14	6.91	4.19	2.73	1.94	0.82	
10	0.12	2.73	1.79	9.77	208.38	20.69	13.49	6.91	4.19	2.73	1.79	0.70	
11	0.18	4.49	1.64	8.03	117.61	19.90	22.30	6.91	4.19	2.73	1.79	0.70	
12	0.18	2.73	1.22	7.46	79.78	17.55	23.95	6.91	4.19	2.73	1.64	0.70	
13	0.18	2.46	1.22	7.46	54.16	17.55	89.57	6.91	3.88	2.73	1.64	0.70	
14	0.18	4.19	1.22	13.49	42.66	15.45	32.54	6.91	3.88	2.73	1.64	0.70	
15	0.18	16.79	1.08	12.85	31.65	25.61	29.90	6.91	3.88	2.46	1.64	0.95	
16	0.18	5.84	1.08	13.49	40.56	16.12	34.43	6.37	3.88	2.46	1.50	0.95	
17	0.18	8.03	0.95	11.60	48.87	30.77	25.61	6.37	3.88	2.46	1.50	0.82	
18	0.18	4.19	0.95	9.18	51.50	25.61	21.49	6.37	3.88	2.46	1.50	0.82	
19	0.18	3.88	1.35	8.03	42.66	19.90	17.55	6.37	3.88	2.46	1.50	0.82	
20	0.24	3.30	1.22	8.03	26.46	23.12	15.45	5.84	3.59	2.46	1.35	0.70	
21	0.24	3.01	1.22	12.85	24.78	75.05	14.14	5.84	3.59	2.46	1.35	0.82	
22	0.18	3.01	1.35	13.49	27.31	43.71	13.49	5.84	3.59	2.46	1.35	0.82	
23	0.18	3.30	1.50	8.60	23.12	32.54	12.85	5.84	3.59	2.20	1.22	0.82	
24	0.18	3.59	1.94	19.11	21.49	24.78	11.60	5.31	3.59	2.20	1.22	0.82	
25	0.18	4.49	3.59	9.77	26.46	22.30	10.37	5.31	3.59	2.20	1.22	0.95	
26	0.24	3.59	4.49	14.14	30.77	17.55	10.37	5.31	3.30	2.20	1.22	0.82	
27	0.24	3.30	5.31	9.77	20.69	15.45	9.77	4.80	3.30	2.20	1.35	0.82	
28	0.24	2.73	28.16	8.60	17.55	14.79	9.77	4.80	3.30	2.20	1.35	1.08	
29	0.24	2.46	24.78	14.79	15.45	14.14	9.77	4.80	3.30	2.20	1.35	0.82	
30	0.37	1.94	44.99	10.98	21.49	12.22	9.77	4.80	3.30	2.20		0.82	
31		1.79		16.79	19.11		9.77		3.30	2.20		0.82	
Total	5.83	119.59	146.56	510.49	1587.20	824.34	606.78	201.19	120.58	79.94	47.10	27.33	4276.93 Ton/day
Mean	0.19	3.86	4.89	16.47	51.20	27.48	19.57	6.71	3.89	2.58	1.62	0.88	Ton/day
Max	0.37	16.79	44.99	96.67	515.65	75.05	89.57	9.77	4.49	3.01	2.20	1.22	515.65 Ton/day
Min	0.12	1.64	0.95	7.46	8.03	12.22	9.77	4.80	3.30	2.20	1.22	0.70	0.12 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	26		
R-Square	0.9204		
Remarks	Continued Sediment Station		

$$QS = 1.1543 QW^{1.68500}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	34.42	73.87	8.41	49.01	143.50	143.50	149.07	58.74	58.74	3.11	0.43	0.23	
2	32.51	104.28	8.41	64.62	86.96	113.42	132.62	58.74	49.01	2.55	0.43	0.23	
3	32.51	118.10	8.41	51.26	42.50	70.73	104.28	53.55	40.42	2.55	0.43	0.17	
4	32.51	166.29	8.41	40.42	34.42	64.62	86.96	49.01	38.37	2.29	1.77	0.17	
5	32.51	209.40	8.41	40.42	34.42	58.74	70.73	44.63	36.37	2.11	1.46	0.12	
6	32.51	209.40	7.35	319.47	36.37	53.55	73.87	38.37	32.51	1.94	1.17	0.12	
7	32.51	215.88	7.35	24031.66	34.42	178.19	99.83	34.42	27.04	1.61	1.04	0.12	
8	30.64	209.40	7.35	6997.89	36.37	143.50	86.96	25.31	18.87	1.17	0.91	0.12	
9	30.64	235.81	10.70	2067.94	40.42	127.70	67.65	22.00	13.22	1.04	0.79	0.12	
10	30.64	196.67	10.70	1055.68	38.37	172.20	61.65	18.87	9.53	0.91	0.69	0.08	
11	32.51	160.46	11.93	639.96	49.01	166.29	355.85	18.87	8.41	0.91	0.60	0.06	
12	32.51	127.70	14.55	439.40	64.62	108.81	602.36	15.94	6.35	0.91	0.52	0.06	
13	36.37	91.17	14.55	376.07	64.62	61.65	875.87	15.94	5.41	0.79	0.43	0.06	
14	44.63	67.65	15.94	365.90	53.55	51.26	1742.03	15.94	5.41	0.79	0.36	0.06	
15	58.74	51.26	15.94	327.74	36.37	49.01	2160.74	18.87	5.05	0.69	0.36	0.06	
16	70.73	279.43	15.94	303.19	36.37	178.19	2508.36	18.87	5.05	0.69	0.29	0.05	
17	91.17	132.62	20.41	256.46	36.37	1530.29	2067.94	22.00	5.05	0.60	0.29	0.05	
18	91.17	108.81	22.00	235.81	36.37	627.33	1189.55	32.51	4.70	0.60	0.43	0.05	
19	91.17	91.17	22.00	229.09	36.37	396.73	791.14	51.26	4.70	0.60	0.52	0.04	
20	91.17	70.73	22.00	229.09	34.42	303.19	396.73	365.90	4.36	0.52	0.60	0.04	
21	86.96	61.65	22.00	264.02	30.64	229.09	319.47	678.48	4.36	0.52	0.36	0.04	
22	86.96	51.26	25.31	235.81	22.00	279.43	166.29	428.57	4.36	0.52	0.23	0.36	
23	83.60	38.37	30.64	222.44	22.00	376.07	127.70	365.90	4.03	0.43	0.23	0.69	
24	80.30	30.64	38.37	222.44	22.00	602.36	108.81	303.19	4.03	0.43	0.23	0.79	
25	80.30	28.82	51.26	209.40	18.87	345.91	95.46	132.62	3.71	0.43	0.23	1.17	
26	77.06	27.04	46.80	184.27	17.38	345.91	80.30	104.28	3.71	0.43	0.17	0.91	
27	70.73	20.41	36.37	132.62	15.94	386.34	67.65	83.60	3.40	0.43	0.17	0.69	
28	64.62	18.87	38.37	113.42	15.94	327.74	58.74	80.30	3.40	0.43	0.17	0.69	
29	58.74	15.94	36.37	104.28	15.94	184.27	58.74	73.87	3.11	0.43	0.17	0.69	
30	55.89	13.22	36.37	99.83	32.51	166.29	64.62	64.62	3.11	0.43		0.60	
31		10.70		143.50	178.19		58.74		2.82	0.43		0.60	
Total	1706.73	3237.02	622.62	40053.11	1367.23	7842.31	14830.71	3295.17	418.61	31.29	15.48	9.24	73429.52 Tonday
Mean	56.89	104.42	20.75	1292.04	44.10	261.41	478.41	109.84	13.50	1.01	0.53	0.30	Ton/day
Max	91.17	279.43	51.26	24031.66	178.19	1530.29	2508.36	678.48	58.74	3.11	1.77	1.17	24031.66 Ton/day
Min	30.64	10.70	7.35	40.42	15.94	49.01	58.74	15.94	2.82	0.43	0.17	0.04	0.04 Ton/day

WATER YEAR : 2007**PRACHIN BURI RIVER BASIN****Khlong Phra Sathung at Ban Khao Chakan , Sa Kaeo (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 Kaeo
Drainage Area	2,264 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	1998-2007		
Number of observation	114		
R-Square	0.8624		
Remarks	Continued Sediment Station		

QS = 4.4919 QW^{1.32080}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	7.01	192.45	606.17	387.18	216.44	1575.51	241.10	23.50	2.80	0.00	0.00	
2	0.00	1114.10	204.36	503.02	345.71	345.71	1602.66	180.72	23.50	2.80	0.00	0.00	
3	0.00	1657.29	109.20	318.71	253.66	318.71	936.68	146.63	23.50	2.80	0.00	0.00	
4	0.00	1575.51	228.69	228.69	253.66	332.14	685.48	118.31	23.50	2.80	0.00	0.00	
5	0.00	1575.51	192.45	305.42	228.69	216.44	606.17	118.31	23.50	2.80	0.00	0.00	
6	0.00	1494.76	118.31	1136.80	241.10	109.20	518.00	127.58	23.50	2.80	0.00	0.00	
7	0.00	2210.62	118.31	6608.27	266.38	192.45	488.14	127.58	36.65	2.80	0.00	0.00	
8	0.00	3855.93	192.45	4227.39	253.66	332.14	359.40	118.31	36.65	2.80	0.00	0.00	
9	0.00	4867.57	192.45	1803.40	241.10	332.14	345.71	118.31	36.65	2.80	0.00	0.00	
10	0.00	6069.59	192.45	1046.70	228.69	332.14	1233.31	127.58	36.65	2.80	0.00	0.00	
11	0.00	5259.95	109.20	915.03	228.69	332.14	3733.98	127.58	36.65	2.80	0.00	0.00	
12	0.00	2307.38	109.20	548.29	253.66	137.03	5392.36	109.20	36.65	2.80	2.80	0.00	
13	0.00	1159.60	83.01	533.09	241.10	127.58	3011.50	118.31	36.65	0.00	0.00	0.00	
14	0.00	915.03	58.70	228.69	228.69	157.80	1864.72	118.31	36.65	0.00	0.00	0.00	
15	0.00	3291.24	91.55	458.72	228.69	204.36	1362.51	118.31	36.65	2.80	0.00	0.00	
16	0.00	5392.36	91.55	665.43	180.72	266.38	4053.01	118.31	36.65	0.00	0.00	0.00	
17	36.65	4164.91	387.18	1684.77	146.63	266.38	4040.62	127.58	36.65	0.00	0.00	0.00	
18	43.72	2783.08	332.14	2020.18	118.31	345.71	1069.05	118.31	36.65	0.00	0.00	0.00	
19	51.07	1069.05	332.14	1521.56	83.01	685.48	685.48	137.03	36.65	0.00	0.00	0.00	
20	51.07	1002.33	332.14	829.71	74.68	1284.61	503.02	146.63	36.65	0.00	0.00	0.00	
21	51.07	1002.33	305.42	645.53	83.01	4090.23	415.44	169.16	36.65	0.00	0.00	0.00	
22	51.07	872.12	241.10	606.17	66.57	7928.66	359.40	157.80	36.65	0.00	0.00	0.00	
23	43.72	109.20	241.10	606.17	58.70	8313.75	318.71	157.80	36.65	0.00	0.00	0.00	
24	7.01	118.31	241.10	415.44	58.70	8313.75	305.42	157.80	2.80	0.00	0.00	0.00	
25	0.00	127.58	228.69	305.42	58.70	8133.49	253.66	127.58	2.80	0.00	0.00	0.00	
26	0.00	228.69	373.23	488.14	488.14	6924.03	241.10	100.28	2.80	0.00	0.00	0.00	
27	0.00	228.69	936.68	488.14	83.01	5525.57	228.69	100.28	2.80	0.00	0.00	0.00	
28	0.00	192.45	488.14	415.44	137.03	4799.67	204.36	100.28	2.80	2.80	0.00	0.00	
29	0.00	192.45	808.70	401.25	169.16	4152.44	292.26	100.28	2.80	0.00	0.00	0.00	
30	0.00	192.45	893.51	332.14	216.44	3837.58	518.00	100.28	2.80	0.00	0.00	0.00	
31		192.45		387.18	292.26		279.25		29.90	0.00		0.00	
Total	335.38	55229.54	8425.60	31281.06	6195.73	68554.15	37483.60	3935.54	813.55	39.20	2.80	0.00	212296.15 Tonday
Mean	11.18	1781.60	280.85	1009.07	199.86	2285.14	1209.15	131.18	26.24	1.26	0.10	0.00	Ton/day
Max	51.07	6069.59	936.68	6608.27	488.14	8313.75	5392.36	241.10	36.65	2.80	2.80	0.00	8313.75 Ton/day
Min	0.00	7.01	58.70	228.69	58.70	109.20	204.36	100.28	2.80	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	1998-2007		
Number of observation	164		
R-Square	0.8957		
Remarks	Continued Sediment Station		

$$QS = 6.0602 QW^{1.17300}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.72	80.81	228.19	789.12	565.53	709.56	2253.69	181.61	62.40	6.06	2.07	6.78	
2	27.23	306.43	190.45	507.70	638.36	659.60	2169.69	153.78	2.38	5.71	3.01	6.06	
3	27.23	421.44	194.00	469.67	579.43	635.53	2162.08	162.40	31.72	5.71	3.66	6.06	
4	27.23	983.30	199.34	348.68	344.81	615.81	1432.20	148.64	36.30	5.71	3.66	6.06	
5	27.23	978.79	190.45	374.01	270.62	573.87	933.80	130.02	36.30	5.36	3.33	5.36	
6	31.72	918.13	194.00	360.34	228.19	548.91	880.98	128.34	40.97	5.36	3.01	5.36	
7	29.91	933.80	171.10	1152.46	178.10	485.91	921.86	128.34	41.91	4.66	4.66	5.36	
8	27.23	1120.16	152.06	2223.09	135.06	300.73	1055.96	92.38	51.52	4.66	5.01	5.36	
9	27.23	1794.10	135.06	2392.14	125.00	268.75	1304.94	90.26	51.52	4.66	10.52	4.66	
10	27.23	3093.38	123.34	2299.71	113.42	268.75	1147.84	89.20	47.64	4.66	22.85	4.66	
11	27.23	3708.92	110.69	1310.43	105.25	181.61	1282.98	90.26	43.81	4.66	33.54	4.66	
12	31.72	3972.16	126.67	745.57	111.78	145.23	2548.24	88.14	42.86	3.01	27.23	4.66	
13	40.97	4053.68	111.78	477.78	109.60	165.87	4033.28	69.47	38.16	3.01	27.23	4.66	
14	49.57	3580.14	94.51	350.62	107.42	169.35	4423.50	62.40	36.30	2.69	22.85	4.66	
15	66.43	3272.43	100.93	293.16	110.69	164.14	3961.98	70.49	35.38	2.69	21.99	4.66	
16	141.82	3389.60	104.17	226.37	113.42	239.16	3155.88	73.56	34.46	2.69	21.99	4.66	
17	146.93	3911.18	167.61	354.50	126.67	537.88	3155.88	48.61	34.46	2.69	21.99	4.66	
18	110.69	4237.99	231.84	844.05	107.42	847.74	2492.88	113.42	34.46	2.69	21.13	4.66	
19	70.49	4351.22	186.91	1120.16	116.71	942.77	2184.93	125.00	34.46	2.38	21.13	4.66	
20	60.40	3982.33	195.78	1161.71	103.09	1074.25	1326.94	126.67	34.46	2.38	21.13	4.66	
21	52.49	2827.66	176.34	862.49	79.77	1521.73	677.38	135.06	33.54	2.38	18.59	4.66	
22	49.57	1604.77	157.22	645.43	102.01	2960.08	485.91	190.45	33.54	2.38	18.59	6.78	
23	43.81	855.11	167.61	502.24	131.69	3698.85	381.86	265.03	33.54	2.38	18.59	6.78	
24	40.97	507.70	190.45	513.16	146.93	3799.74	340.94	130.02	33.54	2.07	18.59	6.78	
25	40.97	364.24	384.48	340.94	131.69	2438.56	233.67	130.02	32.63	2.07	18.59	6.78	
26	43.81	281.86	548.91	274.36	133.37	1504.89	179.85	121.68	32.63	2.07	19.43	8.24	
27	58.41	220.93	632.71	325.53	250.20	1019.54	179.85	90.26	32.63	2.07	19.43	8.24	
28	52.49	206.50	705.97	421.44	362.29	1078.83	164.14	82.89	32.63	2.07	20.28	8.24	
29	50.55	228.19	720.33	381.86	263.17	1735.01	164.14	80.81	31.72	2.07	20.28	8.24	
30	55.44	360.34	892.10	410.83	933.80	2446.31	165.87	80.81	31.72	2.07		8.24	
31		339.01		312.14	709.56		384.48		31.72	2.07		8.24	
Total	1518.72	56886.30	7785.00	22791.69	7535.05	31738.96	46187.62	3480.02	1131.31	105.14	474.36	183.54	179817.71 Ton/day
Mean	50.62	1835.04	259.50	735.22	243.07	1057.97	1489.92	116.00	36.49	3.39	16.36	5.92	Ton/day
Max	146.93	4351.22	892.10	2392.14	933.80	3799.74	4423.50	265.03	62.40	6.06	33.54	8.24	4423.50 Ton/day
Min	27.23	80.81	94.51	226.37	79.77	145.23	164.14	48.61	2.38	2.07	2.07	4.66	2.07 Ton/day

WATER YEAR : 2007

PRACHIN BURI RIVER BASIN

Huai 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.		
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	2007		
Number of observation	15		
R-Square	0.9432		
Remarks	Continued Sediment Station		

$$QS = 6.41700 QW^{1.44730}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.08	0.41	64.20	5.96	92.51	60.08	16.74	0.49	0.37	0.00	0.00	
2	0.00	1.58	0.33	39.99	2.49	38.68	41.30	10.23	0.49	0.37	0.11	0.00	
3	0.00	0.30	0.30	26.44	2.49	37.40	28.77	7.95	0.49	0.33	1.58	0.00	
4	0.00	0.11	0.23	17.75	1.46	52.10	21.96	5.33	0.49	0.33	2.09	0.00	
5	0.00	0.54	0.23	64.20	1.23	70.54	868.67	3.06	0.49	0.33	0.72	0.00	
6	0.00	3.59	0.23	101.54	1.12	36.12	3001.19	2.49	0.49	0.33	0.26	0.00	
7	0.00	39.99	0.23	113.98	1.12	26.44	1761.20	2.22	0.49	0.30	0.20	0.00	
8	0.00	11.99	0.23	160.31	1.58	25.30	394.68	2.22	0.49	0.30	0.14	0.00	
9	0.00	36.12	0.23	68.40	1.23	70.54	394.68	1.96	0.49	0.30	0.11	0.00	
10	0.00	29.96	0.20	46.34	1.23	33.62	164.85	1.83	0.49	0.26	0.11	0.00	
11	0.00	66.29	0.20	56.04	11.99	48.24	3770.75	1.70	0.45	0.26	0.08	0.00	
12	0.00	34.86	0.14	27.60	77.06	31.16	1677.56	1.70	0.41	0.23	0.08	0.00	
13	0.81	41.30	0.11	16.74	37.40	20.88	932.87	1.70	0.41	0.23	0.06	0.00	
14	0.23	155.81	0.08	7.95	18.78	25.30	386.08	1.96	0.41	0.23	0.04	0.00	
15	0.00	732.52	0.08	16.74	15.75	18.78	212.32	2.35	0.41	0.23	0.02	0.00	
16	0.00	394.68	0.11	23.06	26.44	54.06	140.13	2.35	0.41	0.23	0.01	0.00	
17	0.00	429.64	0.26	11.10	64.20	232.32	104.61	2.09	0.41	0.20	0.00	0.00	
18	0.00	89.56	0.37	7.27	222.25	217.27	79.27	1.70	0.41	0.20	0.04	0.00	
19	0.00	54.06	0.33	5.96	56.04	140.13	62.13	1.70	0.41	0.17	0.00	0.00	
20	0.00	27.60	0.23	2.77	33.62	314.52	48.24	1.70	0.41	0.17	0.00	0.00	
21	0.00	15.75	0.26	2.09	29.96	998.47	41.30	1.70	0.41	0.14	0.00	0.00	
22	0.00	5.33	0.23	2.63	20.88	212.32	32.38	1.70	0.41	0.14	0.00	0.00	
23	0.00	2.49	5.33	26.44	23.06	92.51	31.16	1.58	0.41	0.11	0.00	0.00	
24	0.00	1.96	2.92	20.88	12.90	62.13	27.60	1.35	0.37	0.08	0.00	0.00	
25	0.00	1.58	5.33	10.23	7.27	58.05	17.75	1.02	0.37	0.08	0.00	0.00	
26	0.00	1.23	42.63	16.74	4.15	34.86	19.82	0.91	0.37	0.04	0.00	0.00	
27	0.00	1.12	781.20	11.99	2.92	37.40	17.75	0.81	0.37	0.04	0.00	0.00	
28	0.00	1.12	1656.85	7.95	37.40	37.40	14.78	0.72	0.37	0.02	0.00	0.00	
29	0.00	2.09	972.07	3.59	107.70	36.12	12.90	0.58	0.37	0.01	0.00	0.00	
30	0.00	1.23	720.50	2.63	520.93	68.40	14.78	0.49	0.37	0.00	0.00	0.00	
31		0.41		29.96	113.98		12.90		0.37	0.00		0.00	
Total	1.04	2184.89	4191.85	1013.51	1464.59	3223.57	14394.46	83.84	13.23	6.03	5.65	0.00	26582.66 Tonday
Mean	0.03	70.48	139.73	32.69	47.24	107.45	464.34	2.79	0.43	0.19	0.19	0.00	Ton/day
Max	0.81	732.52	1656.85	160.31	520.93	998.47	3770.75	16.74	0.49	0.37	2.09	0.00	3770.75 Ton/day
Min	0.00	0.08	0.08	2.09	1.12	18.78	12.90	0.49	0.37	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	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	2005-2007		
Number of observation	33		
R-Square	0.8899		
Remarks	Continued Sediment Station		

QS = 15.1070 QW^{1.09230}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.70	921.55	235.92	1187.00	1113.23	653.40	1024.78	265.62	57.51	3.03	0.57	0.83	
2	0.70	690.24	157.26	1019.60	814.66	824.37	2177.19	211.05	51.07	2.89	0.57	0.83	
3	0.57	1921.34	203.64	834.56	523.90	819.29	1744.36	289.26	44.71	2.75	0.57	0.96	
4	0.57	2325.53	198.71	731.82	398.81	698.45	1092.36	213.53	38.41	2.60	0.57	1.76	
5	0.45	1108.01	201.18	791.58	316.04	931.83	736.41	166.94	31.33	2.32	0.57	2.04	
6	0.45	1444.74	206.11	1134.13	193.79	782.36	653.40	152.44	26.11	2.04	0.57	2.18	
7	0.45	1689.22	159.67	3301.37	138.05	487.93	978.21	120.64	16.76	2.18	0.57	1.36	
8	0.57	1842.20	152.44	4329.71	124.58	240.92	1255.88	79.43	14.61	2.32	0.57	0.70	
9	0.70	3429.05	116.71	4451.22	112.80	191.34	1396.29	60.84	13.14	2.46	0.57	0.70	
10	0.83	4400.56	65.87	2682.82	101.89	152.44	983.38	44.71	11.68	2.60	0.57	0.57	
11	0.96	4827.64	112.80	1342.43	96.67	96.67	2007.98	29.58	11.19	2.75	0.45	0.33	
12	2.60	4991.20	166.94	1061.13	82.86	84.57	3560.79	19.28	9.75	2.46	0.45	0.33	
13	118.68	4034.86	86.29	682.04	94.93	94.93	4461.36	13.14	7.86	2.32	0.33	0.33	
14	588.35	3028.17	48.52	608.62	108.89	169.36	4221.23	10.71	6.01	2.04	0.33	0.21	
15	218.49	3089.69	49.79	388.38	223.46	240.92	2809.34	13.14	5.40	1.76	0.21	0.10	
16	166.94	3939.44	86.29	464.08	126.55	936.97	2527.79	33.44	5.25	1.49	0.21	0.00	
17	124.58	4725.66	94.93	1319.30	150.03	1554.00	3721.32	150.03	5.10	1.22	0.10	0.00	
18	86.29	4919.59	694.34	2177.19	124.58	1432.61	3825.51	77.73	4.95	0.96	0.00	0.00	
19	27.84	4684.91	398.81	2544.07	82.86	1560.59	1737.46	100.15	4.80	0.70	0.00	0.00	
20	13.14	3063.31	456.15	1892.53	53.64	1488.21	916.41	107.14	4.65	0.57	0.00	0.00	
21	5.10	1792.73	240.92	1165.54	39.67	2357.37	669.75	468.05	4.50	0.57	0.00	0.00	
22	3.18	978.21	483.95	936.97	33.44	3787.59	519.89	993.71	4.35	0.57	0.00	0.00	
23	5.55	531.92	350.33	1035.15	32.21	4552.70	391.85	176.66	4.20	0.57	0.00	0.00	
24	15.11	331.01	665.66	706.67	32.21	3863.45	331.01	169.36	4.06	0.57	0.10	0.00	
25	45.97	313.06	1232.88	552.02	32.21	1396.29	310.07	140.44	3.91	0.57	2.60	0.00	
26	74.32	292.22	1408.39	398.81	70.93	736.41	286.29	107.14	3.76	0.57	2.04	0.00	
27	107.14	216.01	1737.46	921.55	962.73	880.52	235.92	88.02	3.61	0.57	1.09	0.00	
28	262.68	176.66	1402.33	796.19	444.28	1050.73	216.01	70.93	3.47	0.57	0.96	0.00	
29	479.97	491.92	1950.18	957.57	1134.13	1475.09	240.92	62.51	3.32	0.57	0.83	0.00	
30	745.58	786.97	1863.75	719.01	1488.21	1278.91	620.80	60.84	3.18	0.57	0.00	0.00	
31		419.75		860.07	673.85		503.89		3.03	0.57		0.00	
Total	3098.46	67407.37	15228.22	41993.13	9926.09	34820.22	46157.85	4496.46	411.68	47.73	15.40	13.23	223615.84 Ton/day
Mean	103.28	2174.43	507.61	1354.62	320.20	1160.67	1488.96	149.88	13.28	1.54	0.53	0.43	Ton/day
Max	745.58	4991.20	1950.18	4451.22	1488.21	4552.70	4461.36	993.71	57.51	3.03	2.60	2.18	4991.20 Ton/day
Min	0.45	176.66	48.52	388.38	32.21	84.57	216.01	10.71	3.03	0.57	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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	1999-2007		
Number of observation	169		
R-Square	0.7784		
Remarks	Continued Sediment Station		

$$QS = 9.8947 QW^{0.82510}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	1.72	22.80	15.18	31.63	87.52	11.18	6.13	31.19	0.97	0.00	
2	0.00	0.00	0.97	17.60	13.14	26.10	61.47	11.50	5.95	30.74	0.97	0.00	
3	0.00	0.00	0.39	15.85	11.74	52.86	45.00	11.50	5.58	32.97	0.97	0.00	
4	0.00	0.00	3.66	15.18	11.34	52.86	35.97	11.74	5.21	32.97	0.97	0.00	
5	0.00	0.00	10.70	13.14	10.70	46.59	30.29	11.18	4.84	32.97	0.97	0.00	
6	0.00	0.00	19.11	12.67	10.06	30.74	27.69	10.54	4.84	28.47	0.97	0.00	
7	0.00	0.00	16.29	11.02	10.22	25.30	24.90	9.73	4.84	32.97	0.97	0.00	
8	0.00	0.00	12.44	10.22	10.06	19.95	21.07	9.07	5.21	32.97	0.97	0.00	
9	0.00	0.00	9.57	10.54	10.06	20.24	19.67	9.07	5.03	32.97	0.97	0.00	
10	0.00	0.00	9.07	11.02	10.38	18.25	18.82	8.74	4.84	32.08	0.97	0.00	
11	0.00	7.02	7.72	9.40	10.22	16.95	22.46	8.57	4.65	32.08	0.97	0.00	
12	0.00	4.84	6.31	8.06	10.22	16.07	75.35	8.06	4.26	31.63	0.97	0.00	
13	0.00	0.00	5.58	8.23	10.06	16.51	68.32	8.06	4.26	25.70	0.97	0.00	
14	0.00	0.00	3.46	7.89	10.06	18.54	61.47	8.57	4.26	13.60	0.97	0.00	
15	0.00	0.00	4.06	8.90	10.06	23.48	77.10	9.57	4.26	7.72	0.97	0.00	
16	0.00	5.21	6.31	11.34	10.38	53.37	70.48	10.06	4.06	4.84	0.97	0.00	
17	0.00	17.39	4.65	29.83	10.22	58.46	56.95	8.23	4.06	4.26	0.97	0.00	
18	0.00	35.48	6.67	152.68	9.89	61.47	44.47	8.40	4.06	3.26	0.97	0.00	
19	0.00	28.47	7.37	146.07	9.73	43.40	34.98	8.06	3.86	3.26	0.97	0.00	
20	0.00	19.67	7.72	81.72	9.07	34.48	28.93	8.06	3.66	3.26	0.97	0.00	
21	0.00	16.29	7.20	50.79	8.23	67.78	22.80	8.40	5.77	2.84	0.97	0.00	
22	0.00	11.74	7.72	36.97	7.72	147.54	21.42	7.89	5.03	3.26	0.97	0.00	
23	0.00	10.22	7.89	26.50	7.55	98.99	17.60	2.62	7.72	3.26	0.97	0.00	
24	0.00	9.57	16.95	32.52	7.37	77.68	14.51	6.67	18.25	3.26	0.97	0.00	
25	0.00	9.07	122.00	30.29	8.06	60.47	13.83	6.13	20.52	3.26	0.97	0.00	
26	0.00	7.37	106.84	35.97	9.57	45.53	13.83	6.31	20.80	3.26	0.97	0.00	
27	0.00	7.02	63.46	25.30	13.60	50.27	13.60	6.49	22.11	3.26	0.97	0.00	
28	0.00	6.13	44.47	19.67	19.11	56.95	12.67	6.49	26.10	3.05	0.97	0.00	
29	0.00	5.58	31.19	17.82	23.14	102.88	11.97	6.31	28.47	2.84	0.97	0.00	
30	0.00	4.26	26.90	26.10	22.80	124.15	12.67	6.13	31.63	2.18		0.00	
31		4.06		19.95	29.83		10.86		5.40	2.18		0.00	
Total	0.00	209.39	578.39	926.04	369.77	1499.49	1078.67	253.33	285.66	482.56	28.13	0.00	5711.43 Ton/day
Mean	0.00	6.75	19.28	29.87	11.93	49.98	34.80	8.44	9.21	15.57	0.97	0.00	Ton/day
Max	0.00	35.48	122.00	152.68	29.83	147.54	87.52	11.74	31.63	32.97	0.97	0.00	152.68 Ton/day
Min	0.00	0.00	0.39	7.89	7.37	16.07	10.86	2.62	3.66	2.18	0.97	0.00	0.00 Ton/day

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlung 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	1996-2007		
Number of observation	193		
R-Square	0.8064		
Remarks	Continued Sediment Station		

$$QS = 6.1556 QW^{1.14470}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	40.63	74.20	66.53	268.45	346.51	176.28	152.80	62.74	62.74	39.03	37.43	19.35	
2	40.63	74.20	57.10	244.96	328.28	105.83	188.61	60.85	60.85	39.03	37.43	13.92	
3	39.03	72.28	109.88	220.20	325.25	138.93	164.49	58.97	58.97	39.03	37.43	8.75	
4	39.03	64.63	143.53	193.83	325.25	111.91	132.47	55.42	55.42	39.03	37.43	10.02	
5	40.63	57.10	242.04	225.53	319.21	120.08	138.93	53.75	53.75	39.03	37.43	42.25	
6	40.63	66.53	307.16	292.19	313.18	134.55	143.53	52.09	52.09	40.63	37.43	42.25	
7	40.63	145.84	289.21	368.88	310.17	222.86	109.88	52.09	52.09	40.63	37.43	42.25	
8	42.25	173.92	247.88	375.51	310.17	295.18	118.03	50.43	50.43	40.63	37.43	42.25	
9	43.87	346.51	228.20	268.45	307.16	325.25	118.03	48.78	48.78	40.63	37.43	42.25	
10	43.87	378.83	225.53	225.53	304.16	623.76	113.94	48.78	48.78	40.63	37.43	39.03	
11	48.78	199.07	228.20	204.33	310.17	595.04	183.41	48.78	48.78	39.03	37.43	37.43	
12	53.75	124.19	220.20	191.22	307.16	445.96	253.73	42.25	42.25	40.63	37.43	37.43	
13	72.28	89.84	206.97	181.03	304.16	385.48	162.14	29.58	29.58	20.74	37.43	37.43	
14	60.85	150.48	199.07	157.46	298.17	418.94	277.32	39.03	39.03	28.03	37.43	37.43	
15	50.43	155.13	183.41	171.55	289.21	567.00	295.18	42.25	42.25	32.69	37.43	37.43	
16	48.78	253.73	87.86	228.20	247.88	599.06	340.42	42.25	42.25	35.84	37.43	37.43	
17	47.14	325.25	181.03	378.83	292.19	661.42	247.88	42.25	42.25	39.03	35.84	37.43	
18	47.14	456.14	228.20	875.33	283.26	623.76	152.80	42.25	42.25	39.03	35.84	37.43	
19	45.50	470.74	150.48	1329.11	271.40	695.25	124.19	42.25	42.25	39.03	34.26	37.43	
20	45.50	325.25	105.83	1104.95	268.45	555.78	93.81	47.14	47.14	39.03	32.69	37.43	
21	43.87	247.88	105.83	669.83	259.61	591.02	99.80	48.78	48.78	39.03	26.50	37.43	
22	43.87	228.20	85.90	529.71	166.84	783.01	85.90	48.78	48.78	39.03	20.74	37.43	
23	42.25	212.25	162.14	429.05	145.84	717.07	76.14	48.78	48.78	40.63	16.61	37.43	
24	42.25	209.60	459.79	435.80	85.90	563.25	74.20	48.78	48.78	40.63	28.03	37.43	
25	42.25	199.07	358.97	442.57	57.10	429.05	70.35	48.78	48.78	39.03	34.26	37.43	
26	42.25	193.83	352.62	452.75	136.63	292.19	66.53	48.78	48.78	37.43	34.26	37.43	
27	52.09	186.01	372.19	378.83	136.63	164.49	66.53	24.98	39.03	37.43	35.84	39.03	
28	93.81	183.41	500.12	349.56	331.31	141.23	72.28	34.26	34.26	37.43	32.69	39.03	
29	95.80	196.45	412.22	372.19	463.44	286.23	72.28	31.13	31.13	37.43	24.98	39.03	
30	78.08	230.87	325.25	402.17	378.83	206.97	70.35	29.58	29.58	37.43		39.03	
31		124.19		372.19	220.20		64.63		40.63	37.43		39.03	
Total	1507.87	6215.62	6843.34	12340.19	8443.72	11976.83	4330.58	1374.56	1429.24	1174.31	991.42	1096.35	57724.03 Ton/day
Mean	50.26	200.50	228.11	398.07	272.38	399.23	139.70	45.82	46.10	37.88	34.19	35.37	Ton/day
Max	95.80	470.74	500.12	1329.11	463.44	783.01	340.42	62.74	62.74	40.63	37.43	42.25	1329.11 Ton/day
Min	39.03	57.10	57.10	157.46	57.10	105.83	64.63	24.98	29.58	20.74	16.61	8.75	8.75 Ton/day

WATER YEAR : 2007

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	1978-2007		
Number of observation	266		
R-Square	0.7285		
Remarks	Continued Sediment Station		

$$QS = 0.8257 QW^{1.42530}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	0.00	510.13	178.13	211.77	710.85	102.65	0.00	0.00	0.00	2.22	
2	0.00	0.00	0.00	323.76	158.01	224.82	617.74	97.82	0.00	0.00	0.00	2.22	
3	0.00	0.00	0.00	453.46	142.45	213.93	598.75	83.85	0.00	0.00	0.00	1.61	
4	0.00	2.22	0.00	337.83	114.09	290.72	312.63	80.83	0.00	0.00	0.00	1.61	
5	0.00	44.50	33.72	1166.29	131.09	227.02	352.08	16.00	0.00	0.00	0.00	1.61	
6	0.00	131.09	37.70	1325.44	132.97	203.20	432.73	16.00	0.00	0.00	0.00	2.22	
7	0.00	93.44	5.96	1342.19	124.21	174.05	375.24	11.90	0.00	0.00	0.00	1.07	
8	0.00	14.59	0.00	629.22	114.09	154.08	343.51	9.38	0.60	0.00	0.00	1.07	
9	0.00	0.60	0.00	591.21	110.78	150.17	296.15	4.33	0.60	0.00	0.00	1.61	
10	0.00	0.00	0.00	467.44	138.63	144.37	290.72	0.00	0.60	0.00	0.00	1.61	
11	0.00	0.60	0.00	363.60	209.61	161.98	312.63	13.22	0.60	0.00	0.00	1.61	
12	0.00	2.88	0.00	337.83	150.17	170.00	372.32	10.62	0.60	0.00	0.00	2.22	
13	0.00	2.88	0.00	389.94	150.17	170.00	346.36	0.00	0.60	0.00	0.00	2.22	
14	0.00	11.90	0.00	309.86	188.45	182.24	258.77	0.00	0.60	0.00	0.00	2.22	
15	0.00	28.51	0.00	323.76	163.97	326.56	244.83	0.00	0.60	0.00	0.00	1.61	
16	0.00	25.18	0.00	329.36	163.97	231.43	274.61	0.00	0.60	0.00	0.00	1.61	
17	0.00	35.51	42.20	363.60	203.20	587.45	229.22	5.13	0.60	0.00	0.00	1.61	
18	0.00	49.21	25.18	772.63	165.97	298.88	180.18	5.13	0.00	0.00	0.00	2.22	
19	0.00	44.50	17.44	416.81	158.01	274.61	161.98	5.96	0.00	0.00	0.00	2.22	
20	0.00	39.93	7.04	320.96	180.18	277.28	144.37	11.90	0.00	0.00	0.00	2.22	
21	0.00	0.00	5.96	271.95	227.02	467.44	127.64	5.96	0.00	0.00	0.00	1.07	
22	0.00	0.00	44.50	253.88	198.95	366.50	201.07	5.96	0.00	0.00	0.00	1.07	
23	0.00	0.00	46.84	229.22	198.95	277.28	613.93	5.96	0.00	0.00	0.00	2.22	
24	0.00	0.00	74.75	211.77	176.09	231.43	644.62	5.96	0.00	0.00	0.00	2.22	
25	0.00	0.00	109.26	203.20	174.05	220.44	499.36	4.33	0.00	0.00	0.00	2.22	
26	0.00	0.00	353.51	190.54	301.62	203.20	142.45	2.88	0.00	0.00	0.00	2.22	
27	0.00	0.00	1473.34	198.95	201.07	238.10	142.45	2.88	0.00	0.00	0.00	1.61	
28	0.00	0.00	1890.17	188.45	209.61	531.89	136.73	2.88	0.00	0.00	0.00	1.61	
29	0.00	2.88	1319.80	174.05	201.07	320.96	131.09	0.00	0.00	0.00	0.00	1.61	
30	0.00	0.00	621.56	170.00	174.05	332.18	107.49	0.00	0.00	0.00	0.00	2.22	
31		0.00		220.44	203.20		104.24		0.00	0.00		2.22	
Total	0.00	530.42	6108.93	13387.77	5343.83	7863.98	9706.74	511.53	6.00	0.00	0.00	56.90	43516.10 Ton/day
Mean	0.00	17.11	203.63	431.86	172.38	262.13	313.12	17.05	0.19	0.00	0.00	1.84	Ton/day
Max	0.00	131.09	1890.17	1342.19	301.62	587.45	710.85	102.65	0.60	0.00	0.00	2.22	1890.17 Ton/day
Min	0.00	0.00	0.00	170.00	110.78	144.37	104.24	0.00	0.00	0.00	0.00	1.07	0.00 Ton/day

WATER YEAR : 2007

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	1978-2007		
Number of observation	243		
R-Square	0.8137		
Remarks	Continued Sediment Station		

$$QS = 1.0288 QW^{1.44000}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.25	21.74	49.44	133.63	63.12	88.19	301.99	28.91	12.29	8.12	10.14	9.26	
2	6.25	40.43	37.29	96.38	49.44	87.04	271.87	27.20	11.98	6.77	8.97	9.55	
3	6.25	26.08	30.65	221.63	39.80	125.06	178.94	24.97	11.36	6.51	7.57	8.40	
4	6.25	21.22	37.29	92.84	36.05	116.67	185.28	22.27	11.05	6.25	9.85	8.12	
5	6.25	51.78	34.22	315.20	33.02	219.80	217.97	21.22	10.75	6.25	9.85	7.57	
6	6.25	178.94	34.22	725.30	40.43	101.16	286.81	20.18	10.14	6.25	9.85	7.30	
7	6.25	90.51	25.52	386.99	34.83	72.71	356.89	19.67	10.14	6.51	9.55	7.85	
8	7.85	90.51	25.52	199.94	32.42	60.32	191.69	19.16	11.36	6.25	9.26	7.85	
9	7.57	96.38	21.74	193.30	34.22	58.48	163.39	16.81	13.97	6.25	8.97	7.57	
10	8.12	41.16	18.65	125.06	111.18	51.78	123.65	17.23	8.69	5.74	9.26	7.57	
11	8.69	43.37	18.65	99.96	133.63	61.25	103.58	17.23	9.26	4.77	8.97	7.57	
12	18.15	37.91	17.23	97.57	70.76	149.77	109.82	16.81	9.85	4.77	8.69	7.57	
13	11.67	81.69	15.17	122.25	65.00	70.76	101.16	15.99	9.85	5.00	8.97	7.57	
14	8.97	45.62	15.17	143.84	166.47	52.57	77.66	15.17	9.85	5.00	8.12	7.57	
15	10.14	122.25	14.37	190.08	142.36	50.22	137.98	16.40	9.55	5.25	7.85	7.57	
16	8.97	106.01	14.77	191.69	118.06	51.00	70.76	15.58	9.85	6.25	8.40	6.77	
17	8.40	85.89	54.15	115.29	171.11	96.38	60.32	14.77	10.44	4.53	8.69	6.77	
18	8.40	47.90	34.22	157.29	102.37	80.67	56.66	14.37	9.85	4.30	8.69	6.77	
19	8.12	39.80	24.42	111.18	91.67	125.06	49.44	32.42	8.97	5.49	8.40	7.03	
20	8.40	33.02	21.74	82.70	502.90	102.37	47.90	28.91	9.26	5.25	8.40	7.85	
21	9.26	26.64	30.06	72.71	171.11	140.90	41.89	22.27	9.26	4.77	9.26	6.25	
22	8.12	23.34	26.08	68.82	171.11	80.67	37.91	16.40	8.69	5.99	7.85	7.03	
23	7.03	20.18	33.02	54.15	125.06	65.00	41.89	16.40	8.40	5.74	6.77	7.03	
24	6.77	24.97	161.86	47.14	116.67	56.66	35.44	6.77	8.69	5.49	6.77	8.12	
25	6.51	28.91	75.67	44.87	82.70	51.00	35.44	13.58	8.12	5.74	8.40	7.85	
26	11.36	29.48	598.84	40.43	107.24	47.90	35.44	13.25	7.85	5.49	9.26	7.57	
27	10.75	35.44	736.53	43.37	80.67	97.57	33.62	13.25	7.57	5.25	13.25	7.57	
28	18.15	21.74	400.30	37.91	81.69	75.67	30.65	12.29	7.57	4.77	11.05	8.12	
29	12.93	414.12	234.59	31.24	120.85	63.12	26.08	12.29	7.85	5.25	9.26	8.12	
30	13.97	112.55	265.54	51.00	97.57	229.01	27.20	12.93	7.57	5.74		8.97	
31		54.15		102.37	103.58		26.64		7.30	5.25		8.40	
Total	272.05	2093.73	3106.92	4396.13	3297.09	2728.76	3465.96	544.70	297.33	174.99	260.32	239.11	20877.09 Ton/day
Mean	9.07	67.54	103.56	141.81	106.36	90.96	111.81	18.16	9.59	5.64	8.98	7.71	Ton/day
Max	18.15	414.12	736.53	725.30	502.90	229.01	356.89	32.42	13.97	8.12	13.25	9.55	736.53 Ton/day
Min	6.25	20.18	14.37	31.24	32.42	47.90	26.08	6.77	7.30	4.30	6.77	6.25	4.30 Ton/day

WATER YEAR : 2007

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
Drainge 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	2005-2007				
Number of observation	37				
R-Square	0.7787				
Remarks	Continued Sediment Station				

$$QS = 0.3189 QW^{1.80960}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	75.41	28.40	355.57	342.36	187.37	393.74	14.05	0.35	0.00	0.00	0.00	
2	0.00	1.12	21.70	216.31	220.59	265.50	355.57	12.22	0.01	0.00	0.00	0.00	
3	0.00	14.68	16.66	682.46	122.46	282.09	160.77	12.52	0.01	0.00	0.00	0.00	
4	0.00	8.92	12.22	272.55	96.55	193.42	156.60	10.79	0.31	0.00	0.00	0.00	
5	0.00	7.20	18.39	284.50	78.43	141.70	165.00	9.43	0.31	0.00	0.00	0.00	
6	0.00	162.18	14.36	952.32	167.85	111.53	270.19	8.92	0.29	0.00	0.00	0.00	
7	0.00	197.49	10.79	727.70	103.34	88.88	587.55	6.52	0.25	0.00	0.00	0.00	
8	0.00	371.72	9.17	410.63	82.54	75.41	294.21	5.66	0.26	0.00	0.00	0.00	
9	0.00	143.02	6.97	311.57	76.41	66.66	159.38	6.08	0.25	0.00	0.00	0.00	
10	0.00	41.05	6.97	193.42	229.28	156.60	118.77	3.24	0.25	0.00	0.00	0.00	
11	0.00	29.70	6.97	144.36	695.90	99.92	299.13	3.92	0.23	0.00	0.00	0.00	
12	0.00	17.69	4.85	119.99	244.83	78.43	124.96	2.62	0.21	0.00	0.00	0.00	
13	0.00	27.75	4.47	121.23	140.38	67.61	122.46	2.33	0.16	0.00	0.00	0.00	
14	0.00	17.34	3.40	133.85	238.11	167.85	91.04	2.33	0.15	0.00	0.00	0.00	
15	0.00	54.02	3.57	238.11	231.47	48.97	95.43	1.22	0.05	0.00	0.00	0.00	
16	0.00	94.33	6.08	301.60	127.47	46.53	84.63	0.32	0.08	0.00	0.00	0.00	
17	0.00	29.04	7.44	207.85	137.75	77.41	68.56	0.41	0.09	0.00	0.00	0.00	
18	0.00	20.20	42.59	817.20	95.43	84.63	65.72	0.83	0.09	0.00	0.00	0.00	
19	0.00	48.15	12.52	344.98	81.50	147.04	50.63	1.44	0.08	0.00	0.00	0.00	
20	0.00	22.28	7.68	177.49	140.38	136.45	14.36	0.97	0.02	0.00	0.00	0.00	
21	0.00	17.69	26.49	166.42	123.71	133.85	38.80	4.10	0.05	0.00	0.00	0.00	
22	0.00	15.00	9.97	115.12	153.84	85.68	29.70	3.74	0.04	0.00	0.00	0.00	
23	0.00	10.79	11.93	113.92	167.85	65.72	31.70	2.33	0.01	0.00	0.00	0.00	
24	0.00	7.92	249.36	102.19	139.06	69.52	33.76	1.80	0.00	0.00	0.00	0.00	
25	0.00	8.16	140.38	99.92	140.38	46.53	34.46	1.22	0.00	0.00	0.00	0.00	
26	0.00	10.79	802.76	91.04	812.37	48.15	29.70	1.44	0.00	0.00	0.00	0.00	
27	0.00	9.70	1085.61	175.54	587.55	127.47	22.86	1.02	0.00	0.00	0.00	0.00	
28	0.00	11.93	682.46	140.38	793.20	263.17	18.75	0.51	0.00	0.00	0.00	0.00	
29	167.85	88.88	439.49	133.85	416.34	128.74	17.34	0.38	0.00	0.00	0.00	0.00	
30	324.24	78.43	385.42	84.63	195.45	579.23	16.32	0.38	0.00	0.00	0.00	0.00	
31		29.70		149.74	224.92		15.33		0.00	0.00		0.00	
Total	492.09	1672.28	4079.07	8386.44	7407.70	4072.06	3967.42	122.74	3.55	0.00	0.00	0.00	30203.35 Ton/day
Mean	16.40	53.94	135.97	270.53	238.96	135.74	127.98	4.09	0.11	0.00	0.00	0.00	Ton/day
Max	324.24	371.72	1085.61	952.32	812.37	579.23	587.55	14.05	0.35	0.00	0.00	0.00	1085.61 Ton/day
Min	0.00	1.12	3.40	84.63	76.41	46.53	14.36	0.32	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

EAST COAST - GULF BASIN

Khlung 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 Mae	Changwat Chanthaburi
Drainage Area	451 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	1999-2007		
Number of observation	89		
R-Square	0.8876		
Remarks	Continued Sediment Station		

$$QS = 1.7229 QW^{1.58670}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.36	20.76	35.40	78.73	52.36	60.71	534.63	20.76	5.01	1.72	0.26	0.00	
2	0.36	41.96	28.64	62.14	52.36	166.67	379.59	16.79	5.01	1.72	0.26	0.00	
3	0.26	20.76	76.94	121.79	49.68	128.19	75.16	16.79	4.69	1.72	0.26	0.00	
4	0.26	13.15	45.76	93.58	34.41	101.36	59.29	13.85	4.38	1.72	0.26	0.00	
5	0.26	10.37	29.58	1404.89	34.41	71.66	59.29	13.15	4.07	1.72	0.26	0.00	
6	0.18	16.79	24.15	1972.74	29.58	51.02	75.16	12.01	0.87	1.72	0.26	0.00	
7	0.11	75.16	19.14	2359.73	29.58	40.72	82.35	10.91	0.87	1.72	0.26	0.00	
8	0.06	258.24	23.28	521.69	29.58	34.41	320.34	8.83	0.87	1.72	0.26	0.00	
9	0.06	229.08	20.76	225.92	22.43	38.46	143.58	7.85	0.87	1.72	0.26	0.00	
10	0.06	68.22	23.28	169.04	29.58	89.78	183.42	7.85	0.87	1.72	0.26	0.00	
11	0.06	48.36	16.79	97.44	25.02	45.76	772.00	7.85	1.72	1.72	0.26	0.00	
12	7.85	57.88	16.79	84.19	20.76	164.30	1065.92	7.85	1.72	1.72	0.26	0.00	
13	8.83	159.61	19.94	65.05	25.02	80.53	458.75	7.85	1.72	1.72	0.26	0.00	
14	4.07	130.35	10.37	48.36	25.02	177.62	302.60	7.85	1.72	1.54	0.26	0.00	
15	2.94	207.31	7.85	97.44	25.02	387.26	288.67	7.85	1.72	1.54	0.26	0.00	
16	1.95	213.44	93.58	213.44	25.02	605.62	238.66	7.85	1.72	1.54	0.18	0.00	
17	1.54	406.67	101.36	508.86	29.58	937.93	130.35	7.85	1.72	1.54	0.11	0.00	
18	1.36	111.40	213.44	1884.04	25.02	302.60	99.39	7.09	1.72	1.19	0.11	0.00	
19	0.87	68.22	68.22	1128.40	25.02	254.94	75.16	7.09	2.18	1.02	0.06	0.00	
20	0.87	43.22	45.76	222.78	20.76	157.28	65.05	7.09	2.94	0.87	0.00	0.00	
21	0.87	34.41	37.43	154.96	16.79	742.42	52.36	7.09	2.94	0.87	0.00	0.00	
22	0.87	27.72	41.96	107.34	16.79	781.95	45.76	7.09	2.94	0.87	0.00	0.00	
23	0.87	24.15	27.72	89.78	13.15	402.76	43.22	7.09	2.94	0.73	0.00	0.00	
24	0.87	19.94	32.44	75.16	13.15	183.42	39.50	7.09	2.94	0.59	0.00	0.00	
25	0.59	16.04	123.91	75.16	13.15	86.04	34.41	6.02	2.94	0.47	0.00	0.00	
26	0.59	13.15	148.10	80.53	13.15	75.16	25.02	6.02	2.94	0.36	0.00	0.00	
27	0.59	12.01	368.20	119.69	37.43	75.16	20.76	6.02	2.94	0.26	0.00	0.00	
28	0.59	23.28	353.21	111.40	171.88	78.73	34.41	6.02	2.94	0.26	0.00	0.00	
29	1.19	29.58	150.37	75.16	491.95	75.16	25.02	5.68	2.94	0.26	0.00	0.00	
30	13.15	20.76	93.58	71.66	107.34	59.29	25.02	5.01	2.94	0.26	0.00	0.00	
31		16.79		59.29	66.52		20.76		2.94	0.26		0.00	
Total	52.49	2438.78	2297.95	12380.38	1571.51	6456.91	5775.60	268.14	78.73	36.79	4.36	0.00	31361.64 Ton/day
Mean	1.75	78.67	76.60	399.37	50.69	215.23	186.31	8.94	2.54	1.19	0.15	0.00	Ton/day
Max	13.15	406.67	368.20	2359.73	491.95	937.93	1065.92	20.76	5.01	1.72	0.26	0.00	2359.73 Ton/day
Min	0.06	10.37	7.85	48.36	13.15	34.41	20.76	5.01	0.87	0.26	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007**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
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	2005-2007		
Number of observation	33		
R-Square	0.8169		
Remarks	Continued Sediment Station		

$$QS = 1.1404 QW^{1.95280}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.19	26.42	32.97	53.86	35.31	949.63	445.78	14.68	1.10	0.42	0.65	0.70	
2	0.01	24.40	25.40	56.07	31.83	949.63	104.30	16.27	0.99	0.35	0.89	0.74	
3	37.73	28.53	30.71	67.79	32.97	967.49	67.79	13.17	0.99	0.49	0.65	0.62	
4	37.73	29.61	23.42	51.69	24.40	967.49	56.07	11.05	0.99	0.57	0.49	0.46	
5	53.86	27.47	23.42	56.07	37.73	879.84	116.74	13.91	0.93	0.65	0.54	0.49	
6	39.59	104.30	19.68	396.01	32.97	780.02	415.58	16.27	0.70	0.62	0.46	0.46	
7	41.50	2407.49	19.68	96.39	27.47	701.32	108.37	14.68	0.74	0.57	0.39	0.35	
8	30.71	30.71	20.59	64.56	24.40	796.25	58.33	11.74	0.70	0.62	0.42	0.42	
9	22.45	71.09	24.40	45.44	34.13	701.32	67.79	11.74	0.74	0.57	0.39	0.39	
10	0.15	35.31	20.59	45.44	134.40	732.31	288.32	9.74	0.70	0.54	0.29	0.46	
11	27.47	25.40	19.68	35.31	108.37	967.49	146.04	9.74	0.79	0.62	0.33	0.39	
12	30.71	21.51	18.80	36.51	36.51	701.32	81.48	9.12	0.74	0.57	0.35	0.35	
13	27.47	26.42	18.80	37.73	41.50	673.49	47.48	7.93	0.70	0.65	0.42	0.46	
14	20.59	30.71	20.59	47.48	340.09	716.74	53.86	9.12	0.57	0.57	0.35	0.42	
15	0.24	35.31	17.94	77.94	53.86	879.84	41.50	7.37	0.65	0.54	0.42	0.49	
16	0.29	45.44	19.68	51.69	233.21	985.51	35.31	4.86	0.57	0.57	0.35	0.39	
17	0.19	49.56	12.44	218.51	51.69	780.02	27.47	4.86	0.54	0.54	0.42	0.42	
18	27.47	29.61	25.40	96.39	45.44	879.84	27.47	4.41	0.70	0.49	0.39	0.46	
19	30.71	29.61	18.80	41.50	100.31	763.95	26.42	4.86	0.74	0.65	0.35	0.42	
20	30.71	27.47	17.09	49.56	164.40	1003.69	29.61	4.41	0.65	0.49	0.39	0.57	
21	22.45	26.42	19.68	41.50	56.07	862.79	25.40	3.99	0.65	0.62	0.35	0.57	
22	16.27	18.80	19.68	37.73	85.09	686.08	24.40	3.99	0.57	0.57	0.42	0.70	
23	0.33	24.40	18.80	37.73	58.33	716.74	22.45	4.41	0.62	0.49	0.35	0.74	
24	0.27	27.47	31.83	51.69	51.69	686.08	19.68	4.41	0.57	0.54	0.49	0.65	
25	0.39	24.40	34.13	37.73	376.91	796.25	17.09	3.99	0.65	0.46	0.42	0.57	
26	0.24	18.80	624.30	51.69	64.56	686.08	19.68	3.99	0.57	0.42	0.54	0.70	
27	26.42	24.40	588.60	36.51	190.52	1793.78	17.09	3.59	0.62	0.35	0.70	0.79	
28	29.61	211.34	100.31	32.97	204.28	1224.39	17.94	2.86	0.65	0.27	0.93	0.83	
29	29.61	367.53	45.44	32.97	64.56	748.05	13.91	2.52	0.54	0.33	0.79	0.70	
30	28.53	36.51	53.86	30.71	53.86	1154.96	17.94	2.20	0.57	0.35		0.70	
31		30.71		34.13	47.48		17.09		0.54	0.27		0.79	
Total	613.89	3917.15	1966.71	2051.30	2844.34	26132.39	2458.38	235.88	21.78	15.76	13.93	17.20	40288.71 Tonday
Mean	20.46	126.36	65.56	66.17	91.75	871.08	79.30	7.86	0.70	0.51	0.48	0.55	Ton/day
Max	53.86	2407.49	624.30	396.01	376.91	1793.78	445.78	16.27	1.10	0.65	0.93	0.83	2407.49 Ton/day
Min	0.01	18.80	12.44	30.71	24.40	673.49	13.91	2.20	0.54	0.27	0.29	0.35	0.01 Ton/day

WATER YEAR : 2007

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.				
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	2007					
Number of observation	26					
R-Square	0.8024					
Remarks	Continued Sediment Station					

$$QS = 3.6479 QW^{0.90020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	97.10	126.55	42.89	20.76	129.20	158.06	179.63	127.88	76.77	54.10	45.13	102.11	
2	108.33	55.32	45.13	8.32	154.16	147.64	187.92	121.22	85.73	34.67	78.05	102.11	
3	110.81	15.81	45.13	0.00	192.05	130.53	189.30	107.09	85.73	23.31	79.34	102.11	
4	110.81	11.27	25.18	0.00	200.29	130.53	186.54	108.33	81.90	22.38	79.34	103.36	
5	110.81	6.19	56.53	0.86	201.66	130.53	207.12	104.60	70.89	23.31	55.32	103.36	
6	112.05	4.30	41.76	87.00	201.66	130.53	244.95	105.85	55.32	24.25	46.25	103.36	
7	83.18	2.98	32.62	60.16	135.82	129.20	250.30	104.60	56.53	24.25	45.13	104.60	
8	79.34	2.98	30.68	87.00	187.92	129.20	251.63	130.53	63.75	26.10	49.58	103.36	
9	79.34	18.30	32.62	88.27	134.50	130.53	252.97	134.50	47.36	26.10	48.47	102.11	
10	93.33	47.36	33.65	88.27	123.88	130.53	168.51	125.22	33.65	25.18	46.25	104.60	
11	98.36	14.97	33.65	58.95	227.47	131.85	252.97	108.33	31.59	24.25	50.68	107.09	
12	112.05	9.07	34.67	88.27	242.27	130.53	194.80	122.55	19.13	25.18	46.25	107.09	
13	114.51	6.81	35.69	88.27	250.30	119.88	79.34	123.88	4.30	25.18	49.58	108.33	
14	115.86	7.57	34.67	31.59	254.30	107.09	15.81	99.61	16.65	22.38	119.88	108.33	
15	115.86	15.81	34.67	20.76	254.30	107.09	69.70	94.59	16.65	27.94	129.20	109.57	
16	117.20	16.65	34.67	21.57	254.30	107.09	125.22	76.77	15.81	25.18	130.53	109.57	
17	118.54	11.99	35.69	19.94	252.97	107.09	127.88	64.95	2.30	25.18	130.53	109.57	
18	104.60	7.57	34.67	19.13	254.30	107.09	127.88	64.95	0.86	24.25	118.54	109.57	
19	103.36	5.57	21.57	18.30	254.30	107.09	126.55	64.95	11.99	35.69	117.20	109.57	
20	103.36	3.65	20.76	19.13	252.97	107.09	125.22	67.33	14.13	49.58	113.28	110.81	
21	105.85	2.30	19.94	19.13	251.63	107.09	102.11	49.58	13.42	55.32	115.86	110.81	
22	105.85	2.30	20.76	19.13	251.63	107.09	105.85	32.62	24.25	57.74	117.20	118.54	
23	105.85	2.98	20.76	19.94	254.30	107.09	84.46	41.76	30.68	58.95	117.20	118.54	
24	107.09	2.30	22.38	117.20	255.64	155.46	78.05	41.76	26.10	56.53	117.20	118.54	
25	105.85	2.30	24.25	134.50	255.64	163.24	78.05	32.62	13.42	36.71	115.86	119.88	
26	107.09	14.13	9.81	134.50	211.21	161.94	83.18	31.59	17.48	29.77	102.11	114.51	
27	107.09	36.71	4.30	134.50	155.46	62.56	103.36	33.65	19.13	29.77	100.86	118.54	
28	107.09	47.36	2.98	134.50	159.35	60.16	103.36	44.01	45.13	27.94	99.61	121.22	
29	108.33	33.65	1.60	131.85	159.35	129.20	104.60	61.36	41.76	30.68	99.61	125.22	
30	109.57	33.65	14.97	130.53	161.94	129.20	113.28	73.24	52.88	45.13		127.88	
31		45.13		130.53	160.65		127.88		51.79	42.89		127.88	
Total	3158.46	613.53	848.65	1932.86	6435.42	3662.20	4448.42	2499.92	1127.08	1039.89	2564.04	3442.14	31772.61 Tonday
Mean	105.28	19.79	28.29	62.35	207.59	122.07	143.50	83.33	36.36	33.54	88.42	111.04	Ton/day
Max	118.54	126.55	56.53	134.50	255.64	163.24	252.97	134.50	85.73	58.95	130.53	127.88	255.64 Ton/day
Min	79.34	2.30	1.60	0.00	123.88	60.16	15.81	31.59	0.86	22.38	45.13	102.11	0.00 Ton/day

WATER YEAR : 2006

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	U.S.D - 49					
Period of Available Records	1997-Cont'd					
Actual Measurement	1997-Cont'd					
Using Rating Curve Water Year	2007					
Number of observation	32					
R-Square	0.9070					
Remarks	Continued Sediment Station					

$$QS = 4.3950 QW^{1.19590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	41.07	71.65	27.97	119.60	346.59	1132.74	702.32	101.95	37.46	36.49	27.97	38.66	
2	57.29	129.42	31.71	142.70	315.87	1066.50	787.60	146.05	36.49	36.49	27.97	39.86	
3	50.95	198.55	53.47	139.36	256.71	884.95	856.95	80.20	36.49	36.49	42.29	43.51	
4	53.47	288.12	131.07	116.36	310.79	760.14	791.05	72.98	37.46	36.49	56.02	42.29	
5	53.47	427.45	204.45	127.78	466.67	665.55	678.73	70.32	37.46	36.49	62.45	41.07	
6	53.47	323.50	288.12	113.13	540.14	564.27	622.25	69.00	37.46	36.49	48.45	42.29	
7	53.47	166.43	258.76	149.42	585.52	477.98	662.45	69.00	37.46	37.46	33.61	42.29	
8	48.45	108.32	234.36	555.20	469.50	222.32	777.29	69.00	37.46	37.46	30.77	44.73	
9	43.51	90.97	228.33	780.72	181.02	175.23	870.93	89.42	37.46	36.49	32.66	45.97	
10	42.29	106.72	175.23	688.83	232.35	216.33	916.62	142.70	38.66	35.53	31.71	52.21	
11	41.07	295.65	126.13	564.27	171.59	258.76	870.93	139.36	45.97	37.46	30.77	54.74	
12	54.74	419.12	83.25	480.81	264.92	278.14	899.00	179.09	56.02	42.29	30.77	53.47	
13	70.32	248.55	65.06	449.79	498.33	269.04	1331.16	77.16	59.86	42.29	30.77	56.02	
14	75.65	164.71	59.86	446.99	609.97	254.67	1687.20	54.74	48.45	42.29	27.97	58.58	
15	69.00	202.48	50.95	427.45	643.84	202.48	1283.07	56.02	41.07	43.51	32.66	62.45	
16	65.06	402.54	48.45	359.53	698.94	177.16	891.97	58.58	39.86	43.51	47.20	63.75	
17	59.86	558.22	59.86	315.87	753.30	181.02	860.44	78.68	39.86	44.73	52.21	65.06	
18	54.74	483.65	216.33	397.04	746.47	236.38	927.22	83.25	38.66	44.73	61.16	58.58	
19	48.45	328.61	433.02	472.32	743.06	271.10	760.14	72.98	37.46	44.73	59.86	53.47	
20	41.07	212.36	273.17	653.13	739.65	250.59	619.18	72.98	36.49	50.95	49.70	48.45	
21	41.07	156.19	149.42	818.69	743.06	273.17	525.14	159.59	35.53	92.52	43.51	42.29	
22	39.86	139.36	116.36	1031.71	784.16	310.79	469.50	248.55	36.49	94.09	41.07	41.07	
23	38.66	126.13	41.07	659.34	846.48	438.60	238.40	100.37	36.49	49.70	41.07	42.29	
24	44.73	48.45	33.61	208.40	888.46	528.14	168.14	116.36	37.46	45.97	42.29	48.45	
25	61.16	41.07	41.07	149.42	927.22	659.34	157.89	65.06	38.66	47.20	43.51	56.02	
26	69.00	36.49	48.45	372.55	1001.96	688.83	152.80	44.73	38.66	37.46	49.70	59.86	
27	66.37	37.46	52.21	543.14	1058.76	804.85	103.54	39.86	37.46	32.66	50.95	61.16	
28	72.98	31.71	57.29	564.27	863.93	715.86	94.09	37.46	36.49	31.71	43.51	62.45	
29	74.32	28.90	196.59	486.49	722.64	483.65	90.97	38.66	36.49	30.77	39.86	65.06	
30	72.98	27.97	175.23	346.59	825.62	555.20	90.97	38.66	36.49	30.77		66.37	
31		27.12		280.63	948.48		92.52		36.49	30.77		67.68	
Total	1658.53	5927.87	3960.85	12961.53	19186.00	14003.78	19980.46	2672.76	1224.27	1325.99	1212.44	1620.15	85734.63 Tonday
Mean	55.28	191.22	132.03	418.11	618.90	466.79	644.53	89.09	39.49	42.77	41.81	52.26	Ton/day
Max	75.65	558.22	433.02	1031.71	1058.76	1132.74	1687.20	248.55	59.86	94.09	62.45	67.68	1687.20 Ton/day
Min	38.66	27.12	27.97	113.13	171.59	175.23	90.97	37.46	35.53	30.77	27.97	38.66	27.12 Ton/day

WATER YEAR : 2007

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	1998-2007		
Number of observation	222		
R-Square	0.8819		
Remarks	Continued Sediment Station		

$$QS = 4.2661 QW^{1.51080}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	3.05	48.83	1.97	27.71	25.91	8.19	6.94	12.16	1.15	0.32	0.17	0.91	
2	2.76	1849.61	2.23	97.42	24.15	6.94	8.19	8.84	1.15	0.32	0.17	0.91	
3	2.76	134.15	2.49	72.14	27.71	7.56	9.51	6.94	1.15	0.24	0.17	0.69	
4	2.49	89.91	2.23	68.81	24.15	7.56	45.63	6.94	0.69	0.24	0.24	0.69	
5	2.49	46.64	2.23	89.55	24.15	6.94	22.43	6.34	0.69	0.17	0.40	0.59	
6	2.49	33.47	3.05	89.55	22.43	6.94	19.13	5.76	0.69	0.17	0.32	0.59	
7	2.49	31.93	4.33	500.91	31.43	6.94	25.91	5.20	0.59	0.17	0.24	0.59	
8	2.23	33.47	3.05	372.88	29.55	5.76	24.15	5.20	0.49	0.17	0.24	9.51	
9	2.49	27.71	3.64	164.13	45.63	5.76	16.01	4.14	0.49	0.17	0.24	372.88	
10	2.49	22.43	3.34	114.99	72.14	5.20	29.55	3.64	0.49	0.17	0.24	20.76	
11	2.49	22.43	2.23	85.97	78.95	5.20	14.04	3.28	0.49	0.17	0.40	8.19	
12	4.01	17.65	2.23	85.97	39.32	5.20	31.43	3.64	0.49	0.17	0.49	6.94	
13	9.26	13.28	3.34	119.54	33.34	4.66	29.55	8.19	0.40	0.17	0.49	5.76	
14	4.73	13.28	6.64	101.72	25.91	4.66	11.25	39.32	0.40	0.17	0.49	4.66	
15	4.01	17.65	3.64	97.42	22.43	4.14	9.51	5.76	0.40	0.17	0.49	3.64	
16	3.34	14.33	2.23	82.44	22.43	4.14	6.94	4.66	1.68	0.11	1.15	2.60	
17	3.34	15.41	2.23	75.52	18.07	9.51	5.76	3.28	1.68	0.11	391.74	2.28	
18	3.34	13.28	3.34	59.16	18.07	8.19	4.66	2.93	0.91	0.11	56.82	0.91	
19	3.05	9.26	3.64	54.52	16.01	9.51	8.84	5.76	0.69	0.11	8.84	0.49	
20	2.76	7.09	5.06	82.44	14.04	13.09	18.07	14.04	0.49	0.11	1.97	0.32	
21	2.76	6.27	3.05	65.54	12.16	19.13	10.37	6.34	0.40	0.11	1.15	0.40	
22	2.76	4.73	3.05	43.49	11.25	17.03	6.94	4.14	0.40	0.11	0.91	0.32	
23	2.49	4.01	16.52	35.30	12.16	12.16	59.16	3.64	0.32	0.11	0.69	0.32	
24	2.49	3.05	23.80	31.43	9.51	10.37	24.15	3.28	0.32	0.11	0.69	0.32	
25	2.49	2.76	5.06	24.15	9.51	8.19	15.02	3.28	0.32	0.11	0.69	0.32	
26	2.76	2.49	3.64	22.43	8.84	8.19	13.09	2.93	0.32	0.11	0.91	0.32	
27	2.76	2.49	2.76	20.76	11.25	6.94	20.76	2.28	0.32	0.11	5.20	0.32	
28	5.06	2.23	2.49	24.15	9.51	6.94	22.43	1.97	0.40	0.11	5.20	0.32	
29	6.27	2.23	2.76	19.13	8.84	8.19	22.43	1.41	0.32	0.11	2.93	0.32	
30	8.35	2.23	3.05	24.15	10.37	8.19	14.04	1.41	0.24	0.11		0.32	
31		1.97		31.43	10.37		12.16		0.24	0.11		0.32	
Total	104.26	2496.27	129.32	2784.75	729.59	241.42	568.05	186.70	18.81	4.75	483.68	447.51	8195.11 Ton/day
Mean	3.48	80.52	4.31	89.83	23.54	8.05	18.32	6.22	0.61	0.15	16.68	14.44	Ton/day
Max	9.26	1849.61	23.80	500.91	78.95	19.13	59.16	39.32	1.68	0.32	391.74	372.88	1849.61 Ton/day
Min	2.23	1.97	1.97	19.13	8.84	4.14	4.66	1.41	0.24	0.11	0.17	0.32	0.11 Ton/day

WATER YEAR : 2007

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.		
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	1998-2007		
Number of observation	215		
R-Square	0.9024		
Remarks	Continued Sediment Station		

$$QS = 4.0365 QW^{1.56360}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	13.55	2.21	4.04	6.23	1.54	1.54	41.52	1.82	0.15	0.15	0.28	
2	0.00	157.60	1.82	19.97	5.65	1.28	1.54	11.47	1.82	0.15	0.15	0.15	
3	0.00	82.72	1.82	73.90	4.55	1.28	2.21	5.65	1.82	0.05	0.15	0.05	
4	0.00	65.45	1.82	82.72	4.04	1.04	3.07	4.55	1.54	0.05	0.15	0.05	
5	0.00	36.38	1.54	96.61	2.63	1.04	3.54	3.54	1.28	0.05	0.05	0.00	
6	0.00	28.37	1.54	112.31	4.55	0.82	2.21	2.63	1.04	0.05	0.05	0.00	
7	0.00	23.20	1.54	87.27	6.23	0.61	2.21	1.54	0.82	0.00	0.05	0.43	
8	0.00	21.56	1.82	69.63	9.51	0.61	3.07	1.28	0.61	0.00	0.05	5.65	
9	0.00	18.42	2.21	58.36	14.64	0.82	3.54	0.61	0.43	0.00	0.05	7.69	
10	0.00	16.91	2.21	49.68	13.55	1.04	4.55	0.28	0.43	0.00	0.05	3.54	
11	0.00	11.47	1.82	38.92	11.47	0.82	4.55	0.28	0.43	0.00	0.05	4.55	
12	0.00	9.51	1.82	30.17	8.58	0.82	5.09	0.61	0.28	0.00	0.05	4.04	
13	0.05	12.50	1.54	28.37	6.83	0.61	5.09	3.54	0.15	0.00	0.00	3.07	
14	12.50	15.76	1.28	24.88	6.83	0.43	6.23	118.43	0.15	0.00	0.00	2.63	
15	3.07	18.42	1.28	19.97	5.65	0.43	8.58	46.90	0.61	0.00	0.00	1.82	
16	1.28	15.76	1.82	18.42	6.23	0.28	13.55	28.37	0.43	0.00	0.00	1.54	
17	0.82	13.55	1.82	15.76	5.65	0.28	11.47	38.92	0.28	0.00	0.00	1.28	
18	0.61	14.64	2.21	14.64	5.09	0.15	9.51	44.18	0.15	0.00	0.00	1.04	
19	0.43	13.55	2.63	13.55	3.54	0.15	11.47	16.91	0.05	0.00	0.00	1.04	
20	0.15	11.47	2.63	18.42	3.07	0.43	15.76	5.65	0.00	0.00	0.00	0.82	
21	0.15	11.47	2.63	10.47	2.63	1.04	16.91	6.23	0.00	0.00	0.00	0.61	
22	0.15	9.51	2.21	7.69	2.63	2.21	18.42	5.65	0.00	0.00	0.00	0.43	
23	0.15	8.58	2.21	6.23	2.21	3.54	16.91	5.09	0.00	0.00	0.00	0.43	
24	0.15	7.69	3.07	4.04	1.82	3.07	21.56	4.55	0.00	0.00	0.05	0.43	
25	0.28	6.83	3.07	2.63	1.54	2.63	228.65	4.04	0.00	0.00	0.00	1.04	
26	0.28	5.09	3.07	3.54	1.54	2.63	73.90	4.04	0.00	0.00	0.15	0.61	
27	0.43	5.09	2.63	3.07	1.28	1.82	199.35	3.54	0.00	0.00	0.43	0.43	
28	0.43	4.04	2.63	2.21	1.04	2.63	180.63	3.07	0.05	0.00	2.63	0.28	
29	0.43	3.07	2.63	1.28	0.82	3.54	150.79	3.07	0.15	0.00	1.04	0.28	
30	2.63	2.63	3.07	4.04	1.54	4.55	124.68	2.21	0.28	0.00		0.15	
31		2.21		9.51	1.54		87.27		0.15	0.00		0.05	
Total	23.99	667.00	64.60	932.30	153.11	42.14	1237.85	418.35	14.77	0.50	5.30	44.41	3604.32 Ton/day
Mean	0.80	21.52	2.15	30.07	4.94	1.40	39.93	13.95	0.48	0.02	0.18	1.43	Ton/day
Max	12.50	157.60	3.07	112.31	14.64	4.55	228.65	118.43	1.82	0.15	2.63	7.69	228.65 Ton/day
Min	0.00	2.21	1.28	1.28	0.82	0.15	1.54	0.28	0.00	0.00	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	2002-2007					
Number of observation	47					
R-Square	0.7194					
Remarks	Continued Sediment Station					

$$QS = 9.9536 QW^{1.33370}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.02	4.81	4.38	1.74	3.13	0.23	0.23	0.05	0.23	0.05	0.02	0.29	
2	0.02	25.09	3.95	2.27	2.55	0.23	0.18	0.05	0.23	0.05	0.02	0.23	
3	0.02	18.79	3.95	2.74	2.27	0.18	0.18	0.05	0.40	0.05	0.02	0.09	
4	0.02	33.78	3.53	4.38	2.27	0.18	0.23	0.05	0.40	0.05	0.02	0.09	
5	0.02	13.12	3.53	4.81	2.09	0.18	0.29	0.05	0.29	0.05	0.02	0.05	
6	0.02	9.95	3.13	5.15	1.91	0.09	0.40	0.05	0.29	0.05	0.02	0.09	
7	0.02	10.76	3.13	6.07	1.48	0.18	0.40	0.05	0.29	0.05	0.02	0.29	
8	0.02	8.52	2.74	4.81	1.48	0.23	0.40	0.05	0.29	0.05	0.00	1.16	
9	0.02	9.17	2.74	3.13	1.32	0.23	0.29	0.05	0.29	0.05	0.00	4.38	
10	0.02	9.17	2.55	2.27	1.74	0.29	0.23	0.05	0.29	0.05	0.00	0.79	
11	0.02	7.76	2.55	2.74	1.48	0.29	0.23	0.05	0.23	0.02	0.00	0.46	
12	0.02	9.17	2.55	3.53	1.32	0.23	0.29	0.05	0.23	0.02	0.00	0.40	
13	0.02	10.76	2.55	4.38	1.16	0.23	0.40	0.40	0.18	0.02	0.02	0.29	
14	0.02	13.12	2.55	4.38	0.94	0.23	0.46	4.38	0.18	0.02	0.02	0.23	
15	0.02	13.12	2.27	3.95	0.79	0.23	0.40	3.95	0.18	0.02	0.02	0.18	
16	0.02	12.41	2.27	3.53	0.72	0.29	0.29	2.55	0.18	0.02	0.02	0.09	
17	0.02	13.12	2.27	3.13	0.59	0.29	0.46	3.95	0.09	0.02	1.48	0.05	
18	0.02	12.41	2.09	2.55	0.52	0.40	0.52	5.15	0.09	0.02	7.02	0.05	
19	0.02	11.58	2.09	2.55	0.52	0.40	0.46	7.76	0.09	0.02	0.94	0.05	
20	0.02	9.95	1.91	3.53	0.40	0.40	0.40	16.79	0.05	0.02	0.46	0.02	
21	0.02	9.17	1.91	2.55	0.29	0.29	0.29	2.74	0.09	0.02	0.29	0.02	
22	0.02	8.52	1.74	2.27	0.29	0.29	0.29	1.74	0.09	0.02	0.18	0.02	
23	0.02	7.76	1.74	2.27	0.29	0.29	0.23	1.16	0.09	0.02	0.05	0.02	
24	0.02	7.02	2.09	2.09	0.29	0.29	0.23	0.79	0.09	0.02	0.09	0.02	
25	0.02	6.54	2.27	2.09	0.23	0.29	0.23	0.72	0.09	0.02	0.05	0.02	
26	0.02	6.54	2.09	1.91	0.23	0.29	0.18	0.59	0.05	0.02	0.05	0.02	
27	0.02	6.07	2.09	1.74	0.23	0.29	0.18	0.46	0.05	0.02	0.23	0.02	
28	0.02	6.07	1.91	1.48	0.23	0.23	0.18	0.29	0.05	0.02	0.59	0.00	
29	0.05	5.60	1.91	1.48	0.18	0.23	0.09	0.23	0.05	0.02	0.46	0.00	
30	0.23	5.60	1.74	3.95	0.18	0.23	0.09	0.18	0.05	0.02		0.00	
31		5.15		3.13	0.18		0.09		0.05	0.02		0.00	
Total	0.84	330.60	76.22	96.60	31.30	7.73	8.82	54.43	5.25	0.92	12.11	9.42	634.24 Tonday
Mean	0.03	10.66	2.54	3.12	1.01	0.26	0.28	1.81	0.17	0.03	0.42	0.30	Ton/day
Max	0.23	33.78	4.38	6.07	3.13	0.40	0.52	16.79	0.40	0.05	7.02	4.38	33.78 Ton/day
Min	0.02	4.81	1.74	1.48	0.18	0.09	0.09	0.05	0.05	0.02	0.00	0.00	0.00 Ton/day

WATER YEAR : 2007

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	1998-2007					
Number of observation	178					
R-Square	0.9367					
Remarks	Continued Sediment Station					

$$QS = 8.2331 QW^{1.21510}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.07	1.75	0.63	0.63	9.96	0.89	1.60	5.34	0.89	0.38	0.27	3.12	
2	0.07	39.04	0.63	0.89	11.43	0.76	1.75	3.12	0.76	0.38	0.27	1.91	
3	0.12	88.81	0.50	1.16	14.46	0.76	1.91	2.38	0.76	0.33	0.27	1.02	
4	0.12	74.40	0.50	2.87	15.24	0.63	2.38	1.91	0.63	0.33	0.27	0.63	
5	0.07	26.29	0.50	3.63	19.11	0.63	2.38	1.75	0.50	0.33	0.27	0.50	
6	0.07	14.46	0.50	3.12	19.11	0.50	2.62	1.45	0.50	0.33	0.33	0.44	
7	0.07	8.23	0.50	7.24	16.82	0.50	2.14	1.31	0.50	0.33	0.27	0.50	
8	0.07	3.89	0.50	56.50	19.11	0.50	2.62	1.16	0.50	0.33	0.27	19.11	
9	0.07	2.14	0.63	48.18	26.29	0.38	2.14	0.89	0.63	0.27	0.27	14.46	
10	0.07	1.60	0.76	21.46	16.82	0.33	5.80	0.76	0.50	0.27	0.27	6.28	
11	0.07	1.75	0.76	19.11	15.24	0.33	3.89	0.63	0.50	0.27	0.27	27.52	
12	0.07	1.31	0.76	17.96	14.46	0.27	2.62	0.89	0.50	0.27	0.27	13.69	
13	0.07	1.02	0.76	16.03	12.93	0.27	1.75	5.80	0.50	0.33	0.27	10.69	
14	0.07	0.89	0.76	14.46	12.18	0.27	1.60	115.99	0.50	0.33	0.33	8.23	
15	0.07	0.63	0.63	13.69	12.93	0.27	1.45	64.19	0.44	0.33	0.33	7.24	
16	0.07	0.76	0.63	12.18	9.96	0.22	1.45	53.14	0.44	0.33	0.63	6.76	
17	0.07	0.89	0.63	11.43	5.80	0.27	1.31	43.30	0.44	0.33	185.83	4.16	
18	0.07	0.89	0.63	9.24	3.12	0.27	0.63	54.82	0.44	0.33	130.52	2.87	
19	0.07	1.16	0.63	9.24	2.38	0.27	3.89	41.69	0.44	0.33	11.43	2.38	
20	0.07	0.89	0.63	12.18	1.91	0.33	4.43	66.21	0.44	0.33	7.74	1.60	
21	0.07	0.76	0.50	9.96	1.91	0.38	8.74	20.28	0.44	0.33	1.02	1.16	
22	0.07	0.76	0.50	8.74	2.14	0.63	17.96	11.43	0.44	0.33	0.50	1.16	
23	0.07	0.63	0.50	8.23	2.14	3.37	39.04	7.24	0.38	0.33	0.50	1.16	
24	0.07	0.50	0.50	6.76	2.14	3.12	16.82	4.88	0.38	0.33	0.76	1.02	
25	0.07	0.50	0.50	6.76	1.75	2.62	9.24	3.63	0.38	0.33	1.31	0.89	
26	0.07	0.50	0.63	7.24	1.60	2.14	10.69	2.87	0.38	0.33	0.50	0.76	
27	0.07	0.50	0.63	6.76	1.60	2.14	12.18	2.14	0.38	0.27	0.50	0.63	
28	0.07	0.44	0.63	6.76	1.31	2.87	13.69	1.45	0.38	0.27	15.24	0.50	
29	0.12	0.44	0.76	6.28	1.02	3.37	13.69	1.16	0.38	0.27	7.74	0.50	
30	0.33	0.50	0.76	11.43	0.38	3.37	12.93	1.02	0.38	0.27		0.44	
31		0.50		11.43	0.38		10.69		0.38	0.27		0.38	
Total	2.51	276.83	18.38	371.55	275.63	32.66	214.03	522.83	15.11	9.79	368.45	141.71	2249.48 Ton/day
Mean	0.08	8.93	0.61	11.99	8.89	1.09	6.90	17.43	0.49	0.32	12.71	4.57	Ton/day
Max	0.33	88.81	0.76	56.50	26.29	3.37	39.04	115.99	0.89	0.38	185.83	27.52	185.83 Ton/day
Min	0.07	0.44	0.50	0.63	0.38	0.22	0.63	0.63	0.38	0.27	0.27	0.38	0.07 Ton/day

WATER YEAR : 2007**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	2000-2007		
Number of observation	173		
R-Square	0.7634		
Remarks	Continued Sediment Station		

$$QS = 2.2118 QW^{1.24340}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.32	3.57	19.68	7.19	23.54	4.69	5.96	7.19	5.56	5.27	2.55	3.04	
2	2.10	26.86	22.24	7.61	22.89	4.40	6.37	8.03	5.27	4.69	2.55	2.77	
3	2.10	27.54	21.59	8.03	22.24	4.69	7.19	8.45	4.69	3.30	2.55	2.55	
4	2.32	71.88	20.95	8.03	21.59	6.77	7.61	8.89	4.12	2.55	2.55	2.32	
5	2.32	28.22	19.68	8.03	20.95	6.77	8.45	9.32	3.57	2.55	3.04	2.10	
6	2.32	19.68	19.13	8.03	20.95	6.37	9.76	8.89	3.57	2.32	3.30	1.89	
7	2.10	15.92	19.13	9.76	20.95	5.96	10.20	8.45	3.30	2.10	3.30	1.68	
8	2.32	15.39	19.13	11.56	21.59	5.56	10.20	5.96	3.04	1.89	3.30	1.68	
9	2.55	22.89	19.13	12.01	22.89	5.27	10.20	1.27	2.55	2.32	3.30	1.68	
10	2.55	22.24	19.13	11.10	22.24	4.98	10.65	0.54	2.32	2.55	3.30	1.68	
11	2.55	20.31	18.05	12.01	13.88	4.69	20.31	3.57	3.57	2.32	3.04	2.77	
12	2.55	18.59	12.01	14.87	12.47	4.40	25.53	3.30	3.84	2.10	3.04	3.30	
13	2.32	19.68	11.10	19.68	11.10	4.12	25.53	3.04	3.84	1.89	3.57	3.04	
14	2.32	23.54	10.65	20.95	10.20	3.84	24.86	3.30	3.84	1.68	3.84	3.04	
15	2.32	23.54	10.20	21.59	8.89	3.57	24.86	3.04	3.84	1.68	4.12	2.77	
16	2.55	31.65	9.76	22.24	6.37	3.30	24.20	3.30	3.57	1.47	4.12	2.77	
17	2.55	39.12	9.32	22.24	5.27	3.57	24.20	3.57	3.57	1.47	4.12	2.77	
18	2.77	35.30	11.56	22.24	4.98	3.84	24.20	3.84	3.57	1.27	3.84	2.55	
19	2.55	38.35	10.65	22.24	4.40	4.40	24.20	11.56	3.57	1.27	3.30	2.55	
20	2.32	37.59	9.76	22.89	4.40	7.19	23.54	85.26	3.04	1.27	3.04	2.55	
21	3.57	35.30	8.03	22.89	3.57	8.89	23.54	55.90	3.04	2.32	3.04	2.55	
22	3.84	34.55	9.32	23.54	3.84	8.03	23.54	45.69	3.04	3.04	3.04	2.55	
23	3.57	28.90	8.45	22.89	4.12	7.61	24.20	36.06	3.30	2.10	2.77	2.77	
24	3.30	18.05	12.01	22.89	4.12	5.96	22.89	29.58	3.57	1.89	2.55	3.04	
25	3.30	15.39	11.56	22.24	5.27	5.27	12.94	22.89	3.84	1.47	2.55	3.04	
26	3.30	13.88	9.32	22.89	8.45	4.40	8.89	20.95	4.12	2.10	2.55	2.77	
27	3.04	13.41	8.89	23.54	5.56	5.27	9.32	18.59	4.69	2.77	3.04	2.55	
28	3.04	13.41	8.45	24.20	4.69	4.69	8.89	15.39	4.98	2.10	3.04	2.55	
29	2.77	13.41	8.03	24.20	5.27	5.27	8.45	9.76	4.98	1.27	3.04	2.32	
30	2.77	12.47	8.03	23.54	7.61	5.27	8.03	7.19	4.98	2.10		2.32	
31		12.01		23.54	5.56		7.61		4.98	2.77		2.32	
Total	80.30	752.64	404.94	548.66	359.85	159.04	486.32	452.77	119.76	69.89	91.39	78.28	3603.84 Ton/day
Mean	2.68	24.28	13.50	17.70	11.61	5.30	15.69	15.09	3.86	2.25	3.15	2.53	Ton/day
Max	3.84	71.88	22.24	24.20	23.54	8.89	25.53	85.26	5.56	5.27	4.12	3.30	85.26 Ton/day
Min	2.10	3.57	8.03	7.19	3.57	3.30	5.96	0.54	2.32	1.27	2.55	1.68	0.54 Ton/day

WATER YEAR : 2007**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	2007		
Number of observation	24		
R-Square	0.7950		
Remarks	Continued Sediment Station		

QS = 12.9470 QW^{1.34950}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	28.62	283.28	2.55	50.70	412.51	91.24	757.73	1212.41	113.61	50.70	32.99	32.99	
2	28.62	455.90	2.55	50.70	235.46	70.21	818.49	996.99	91.24	50.70	32.99	32.99	
3	26.49	168.64	2.55	82.66	198.13	70.21	1171.83	839.01	70.21	50.70	32.99	22.38	
4	26.49	2679.34	2.55	1171.83	168.64	70.21	1577.84	688.41	70.21	50.70	32.99	16.56	
5	26.49	555.15	22.38	3676.37	157.19	70.21	2431.46	1176.88	70.21	32.99	32.99	12.95	
6	22.38	192.14	62.21	2708.58	140.43	54.47	2581.79	630.39	91.24	32.99	32.99	12.95	
7	22.38	986.24	50.70	2431.46	113.61	58.31	2404.39	757.73	91.24	32.99	32.99	12.95	
8	22.38	403.97	62.21	4371.27	527.58	58.31	3031.95	1128.27	70.21	62.21	32.99	16.56	
9	12.95	438.41	162.89	8466.65	2499.50	74.30	1615.53	630.39	70.21	62.21	32.99	32.99	
10	12.95	255.67	129.52	3885.38	6421.58	70.21	1187.01	545.92	70.21	62.21	70.21	140.43	
11	12.95	228.81	82.66	1791.71	2066.19	134.95	849.32	455.90	70.21	62.21	43.39	140.43	
12	9.58	639.97	70.21	3176.39	1062.10	583.07	708.04	311.60	70.21	58.31	32.99	70.21	
13	43.39	1217.51	82.66	3158.24	639.97	491.40	545.92	311.60	70.21	58.31	32.99	70.21	
14	50.70	564.42	70.21	2723.23	395.48	276.31	473.56	370.27	70.21	54.47	355.36	54.47	
15	32.99	304.46	62.21	1712.00	304.46	355.36	509.41	447.13	70.21	50.70	262.50	50.70	
16	26.49	210.27	62.21	1192.08	242.15	204.18	455.90	1288.89	964.83	50.70	162.89	32.99	
17	28.62	124.16	50.70	818.49	403.97	849.32	545.92	943.55	186.19	47.01	113.61	24.41	
18	26.49	104.51	50.70	592.46	1232.84	1532.55	1062.10	464.71	134.95	47.01	91.24	12.95	
19	22.38	118.86	43.39	518.48	859.66	1927.05	1630.79	333.30	91.24	43.39	70.21	12.95	
20	20.39	100.04	43.39	370.27	464.71	1435.31	1904.10	297.35	104.51	43.39	54.47	12.95	
21	12.95	70.21	43.39	248.89	737.75	1915.57	996.99	370.27	70.21	39.84	50.70	12.95	
22	12.95	70.21	39.84	438.41	395.48	2856.00	573.73	297.35	70.21	39.84	47.01	12.95	
23	9.58	62.21	91.24	248.89	297.35	2782.04	659.24	228.81	70.21	36.37	43.39	12.95	
24	8.00	58.31	91.24	192.14	262.50	2101.36	7909.61	168.64	70.21	36.37	50.70	12.95	
25	6.50	58.31	50.70	180.29	228.81	1464.96	22444.61	168.64	70.21	32.99	109.04	12.95	
26	6.50	58.31	39.84	168.64	222.59	1161.74	8983.86	140.43	78.45	32.99	58.31	12.95	
27	5.08	18.45	1128.27	162.89	228.81	737.75	8884.15	140.43	50.70	100.04	28.62	12.95	
28	22.38	5.08	186.19	204.18	222.59	491.40	4492.44	140.43	50.70	70.21	43.39	12.95	
29	32.99	2.55	109.04	168.64	168.64	326.02	2623.18	140.43	50.70	70.21	32.99	12.95	
30	162.89	2.55	91.24	630.39	140.43	698.21	2042.83	113.61	50.70	50.70		12.95	
31		2.55		340.61	104.51		1420.55		50.70	32.99		12.95	
Total	783.55	10440.49	2989.44	45932.92	21555.62	23012.23	87294.27	15739.74	3324.36	1546.45	2050.92	958.47	215628.46 Ton/day
Mean	26.12	336.79	99.65	1481.71	695.34	767.07	2815.94	524.66	107.24	49.89	70.72	30.92	Ton/day
Max	162.89	2679.34	1128.27	8466.65	6421.58	2856.00	22444.61	1288.89	964.83	100.04	355.36	140.43	22444.61 Ton/day
Min	5.08	2.55	2.55	50.70	104.51	54.47	455.90	113.61	50.70	32.99	28.62	12.95	2.55 Ton/day

WATER YEAR : 2007

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	2007		
Number of observation	24		
R-Square	0.8315		
Remarks	Continued Sediment Station		

$$QS = 5.9021 QW^{1.20330}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.50	382.08	41.92	47.92	188.00	63.48	117.38	541.39	67.75	38.97	20.81	27.57	
2	19.50	2116.67	40.44	63.48	141.30	57.17	111.52	537.58	65.61	38.97	20.81	22.14	
3	16.92	3861.76	41.92	968.19	188.00	55.09	138.27	429.24	65.61	36.06	19.50	22.14	
4	16.92	1034.12	41.92	609.90	135.25	55.09	321.87	451.32	63.48	33.19	19.50	22.14	
5	15.66	1081.91	87.49	1411.56	135.25	50.97	840.25	357.08	61.36	31.77	19.50	20.81	
6	14.41	407.36	47.92	938.85	138.27	50.97	436.58	283.89	59.26	30.36	19.50	20.81	
7	13.18	588.66	41.92	1549.73	108.61	50.97	318.39	273.67	55.09	30.36	19.50	20.81	
8	11.97	1081.91	87.49	2085.06	256.79	49.45	263.52	240.09	53.03	28.96	19.50	31.77	
9	10.78	533.78	61.36	3875.57	564.33	49.45	207.28	204.05	50.97	28.96	19.50	169.05	
10	9.61	364.19	67.75	2909.01	1227.37	47.92	188.00	181.65	49.45	27.57	19.50	277.07	
11	9.61	263.52	59.26	869.06	777.47	46.41	220.31	162.81	49.45	27.57	19.50	85.26	
12	9.61	560.50	59.26	652.91	392.88	44.91	297.61	153.53	47.92	26.19	19.50	47.92	
13	102.83	622.83	91.99	811.61	266.90	47.92	938.85	169.05	47.92	26.19	19.50	40.44	
14	141.30	436.58	83.03	1116.26	207.28	44.91	436.58	156.62	46.41	24.83	20.81	31.77	
15	99.95	318.39	72.06	1164.65	204.05	50.97	518.62	175.33	44.91	24.83	74.23	27.57	
16	43.41	414.63	46.41	440.26	172.19	43.41	364.19	332.37	1248.40	23.48	40.44	24.83	
17	31.77	529.98	41.92	421.93	236.77	44.91	207.28	263.52	147.39	22.14	36.06	23.48	
18	27.57	1241.38	53.03	382.08	204.05	69.90	172.19	175.33	87.49	22.14	22.14	22.14	
19	24.83	692.11	46.41	307.97	181.65	123.29	197.60	159.71	65.61	20.81	22.14	22.14	
20	26.19	318.39	43.41	552.84	144.34	89.74	522.40	172.19	63.48	20.81	19.50	22.14	
21	22.14	207.28	40.44	526.19	120.33	200.82	277.07	200.82	57.17	20.81	19.50	22.14	
22	19.50	147.39	36.06	374.91	102.83	511.06	184.82	156.62	50.97	20.81	16.92	20.81	
23	18.21	114.44	31.77	243.41	102.83	382.08	230.16	129.25	49.45	19.50	15.66	20.81	
24	18.21	89.74	69.90	197.60	94.26	260.15	1333.10	108.61	44.91	19.50	23.48	20.81	
25	16.92	76.42	135.25	197.60	99.95	153.53	5888.99	99.95	44.91	19.50	44.91	19.50	
26	16.92	63.48	87.49	150.46	94.26	111.52	6336.52	89.74	46.41	27.57	23.48	44.91	
27	15.66	55.09	67.75	132.24	87.49	87.49	3985.27	85.26	41.92	24.83	22.14	24.83	
28	16.92	50.97	85.26	126.26	85.26	78.61	2041.12	83.03	40.44	22.14	36.06	22.14	
29	38.97	47.92	99.95	117.38	78.61	144.34	1627.41	78.61	40.44	22.14	44.91	22.14	
30	31.77	46.41	63.48	105.71	74.23	129.25	1340.21	72.06	38.97	22.14		20.81	
31		44.91		360.63	67.75		687.67		37.51	20.81		20.81	
Total	880.74	17794.80	1874.26	23711.23	6878.55	3195.78	30751.03	6524.37	2933.69	803.91	738.50	1241.71	97328.57 Tonday
Mean	29.36	574.03	62.48	764.88	221.89	106.53	991.97	217.48	94.64	25.93	25.47	40.06	Ton/day
Max	141.30	3861.76	135.25	3875.57	1227.37	511.06	6336.52	541.39	1248.40	38.97	74.23	277.07	6336.52 Ton/day
Min	9.61	44.91	31.77	47.92	67.75	43.41	111.52	72.06	37.51	19.50	15.66	19.50	9.61 Ton/day

WATER YEAR : 2007**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	1989-2007		
Number of observation	249		
R-Square	0.8521		
Remarks	Continued Sediment Station		

$$QS = 3.3588 QW^{1.34230}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.19	22.32	5.68	3.36	7.95	7.95	7.95	12.87	13.70	17.64	12.87	11.24	
2	3.36	10.09	4.78	3.36	9.68	7.28	7.95	12.87	13.70	33.92	12.87	10.09	
3	3.36	8.29	7.95	3.91	6.31	6.31	7.95	9.68	13.70	256.12	12.87	9.68	
4	3.14	8.63	20.73	3.63	5.68	5.68	7.95	9.68	13.70	84.26	12.49	9.68	
5	2.28	8.29	9.68	5.68	5.07	5.68	7.95	13.31	13.70	42.72	12.05	9.68	
6	2.08	8.63	7.61	4.78	6.63	5.68	7.61	58.93	13.70	32.14	12.05	9.68	
7	2.92	8.63	6.31	5.07	6.31	9.68	7.61	131.88	13.70	22.32	12.05	13.31	
8	2.92	6.00	6.31	5.68	6.31	7.95	7.28	68.96	13.70	27.43	12.05	13.31	
9	2.49	6.31	4.78	5.68	6.31	9.68	7.28	58.93	49.31	18.61	12.05	13.70	
10	2.28	7.95	5.38	5.38	5.68	9.68	7.28	52.74	30.31	17.16	12.05	12.49	
11	2.28	6.96	4.78	5.07	6.31	9.68	9.68	33.92	15.40	15.40	12.05	12.05	
12	3.36	6.31	5.38	4.78	5.68	7.95	12.49	25.67	13.70	13.70	12.05	11.24	
13	9.68	6.31	4.78	4.48	6.96	7.95	18.05	20.16	13.31	13.70	12.05	9.68	
14	7.95	6.31	7.95	4.48	6.63	7.61	13.70	23.42	15.40	13.70	12.05	9.68	
15	7.95	6.31	9.68	4.19	6.31	7.61	9.68	23.42	17.16	13.70	12.05	9.68	
16	6.31	6.63	9.68	3.91	6.00	7.61	10.45	54.75	15.87	12.87	11.24	8.63	
17	4.78	16.27	7.95	3.36	5.68	9.68	10.88	36.38	15.40	12.87	10.45	7.95	
18	4.48	9.68	7.95	3.36	6.31	9.68	9.68	25.67	14.15	25.14	9.68	7.95	
19	3.63	8.63	7.95	3.14	6.00	9.68	10.45	23.42	22.91	20.73	8.29	7.95	
20	3.36	9.68	6.63	2.70	6.00	7.95	11.24	23.42	17.64	17.64	7.95	7.95	
21	3.36	8.63	6.31	6.31	9.68	7.95	11.68	23.42	16.27	15.01	7.95	7.95	
22	4.19	7.95	6.31	5.38	6.31	9.68	12.05	23.42	14.55	14.55	7.95	7.28	
23	4.19	7.61	4.78	36.38	6.31	9.68	12.49	18.05	13.70	13.70	7.61	7.28	
24	3.36	7.28	5.68	13.70	4.78	9.68	14.15	16.27	13.70	13.70	7.61	6.63	
25	3.14	6.31	4.78	13.70	9.68	9.68	20.73	14.55	13.70	13.70	7.61	7.95	
26	3.14	6.31	4.48	9.68	7.95	7.95	22.91	14.15	13.31	17.16	7.61	9.33	
27	3.14	5.38	4.48	7.28	7.28	7.61	19.10	13.70	12.87	13.70	8.29	7.95	
28	3.36	5.38	4.19	6.31	6.31	7.61	15.01	13.31	12.49	13.70	10.45	8.98	
29	4.78	4.78	4.78	6.31	11.68	7.28	13.70	13.31	11.24	13.70	9.68	11.68	
30	9.68	4.48	4.78	9.68	9.68	7.28	13.31	12.87	11.24	13.70		8.29	
31		6.31		9.68	7.95		12.87		11.24	13.70		7.95	
Total	125.14	248.65	202.51	210.41	215.42	245.37	361.11	883.13	494.47	868.09	306.02	296.89	4457.21 Ton/day
Mean	4.17	8.02	6.75	6.79	6.95	8.18	11.65	29.44	15.95	28.00	10.55	9.58	Ton/day
Max	9.68	22.32	20.73	36.38	11.68	9.68	22.91	131.88	49.31	256.12	12.87	13.70	256.12 Ton/day
Min	2.08	4.48	4.19	2.70	4.78	5.68	7.28	9.68	11.24	12.87	7.61	6.63	2.08 Ton/day

WATER YEAR : 2007

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.DH - 59		
Period of Available Records	1996 - Cont' d		
Actual Measurement	1996 - Cont' d		
Using Rating Curve Water Year	1996-2007		
Number of observation	294		
R-Square	0.8044		
Remarks	Continued Sediment Station		

QS = 1.7914 QW^{1.38710}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	74.54	234.63	123.46	164.84	409.49	215.95	507.51	1380.32	189.92	123.46	87.49	106.79	
2	64.20	1874.36	134.94	180.40	317.63	212.65	471.83	1179.02	186.73	123.46	85.29	89.71	
3	58.21	3320.75	137.85	1685.97	298.82	202.82	486.01	866.83	180.40	117.83	85.29	80.94	
4	56.25	2455.39	129.17	1227.93	286.46	202.82	1094.77	951.64	180.40	115.04	85.29	78.79	
5	53.67	1517.14	137.85	2552.91	286.46	202.82	3119.58	1130.66	177.25	112.27	87.49	72.44	
6	51.12	1572.86	158.73	1903.83	274.24	199.57	1933.43	768.05	174.13	112.27	87.49	70.35	
7	49.85	981.83	129.17	2961.20	234.63	196.34	1475.71	688.35	171.01	112.27	83.11	66.23	
8	49.85	2098.47	189.92	4354.89	536.57	193.12	1053.30	712.00	167.92	109.52	80.94	96.44	
9	49.85	858.47	199.57	11227.51	2455.39	193.12	784.28	514.73	164.84	106.79	78.79	152.68	
10	49.85	478.91	155.70	6451.42	6803.29	183.55	618.74	416.29	158.73	106.79	76.66	278.30	
11	49.85	429.99	140.79	2282.74	2672.47	177.25	588.48	369.33	155.70	106.79	76.66	180.40	
12	49.85	808.80	143.73	1933.43	1142.70	180.40	727.90	330.35	152.68	106.79	74.54	132.04	
13	164.84	1815.80	196.34	1558.88	712.00	186.73	875.21	375.94	149.68	104.08	72.44	112.27	
14	180.40	901.90	180.40	1714.59	493.15	186.73	931.65	349.69	143.73	104.08	104.08	106.79	
15	174.13	507.51	167.92	1012.29	464.78	186.73	1302.33	323.98	171.01	104.08	132.04	98.71	
16	117.83	493.15	137.85	1043.01	429.99	186.73	1073.98	543.90	1166.87	98.71	134.94	87.49	
17	98.71	735.88	126.30	833.54	1053.30	215.95	529.26	792.43	402.71	96.44	117.83	80.94	
18	91.94	1094.77	132.04	680.51	776.16	680.51	450.78	409.49	209.36	91.94	96.44	78.79	
19	83.11	875.21	137.85	719.94	551.26	603.56	634.03	311.33	180.40	89.71	87.49	74.54	
20	87.49	395.97	117.83	808.80	471.83	521.98	1327.40	436.89	174.13	87.49	83.11	72.44	
21	85.29	278.30	106.79	841.83	362.75	901.90	611.14	580.99	164.84	87.49	78.79	66.23	
22	74.54	242.41	104.08	457.76	311.33	2128.88	409.49	349.69	155.70	87.49	76.66	64.20	
23	64.20	199.57	106.79	356.20	298.82	1420.98	416.29	290.56	152.68	85.29	74.54	62.19	
24	56.25	183.55	143.73	369.33	286.46	1012.29	3754.36	282.37	146.70	85.29	74.54	58.21	
25	53.67	167.92	189.92	389.26	274.24	566.07	15763.24	254.22	143.73	85.29	120.64	66.23	
26	51.12	155.70	199.57	875.21	274.24	436.89	11562.42	226.91	140.79	94.18	106.79	96.44	
27	49.85	146.70	254.22	250.27	266.18	330.35	10048.30	215.95	134.94	104.08	96.44	78.79	
28	49.85	140.79	219.27	375.94	246.33	298.82	6018.41	206.08	134.94	117.83	98.71	68.28	
29	115.04	134.94	193.12	323.98	238.51	362.75	3817.51	202.82	129.17	104.08	132.04	66.23	
30	117.83	134.94	174.13	402.71	234.63	471.83	3566.71	199.57	129.17	94.18		60.19	
31		132.04		596.01	230.76		1600.93		126.30	89.71		54.95	
Total	2373.18	25368.65	4669.03	50537.13	23694.87	13060.09	77554.98	15660.38	6216.56	3164.72	2676.56	2859.02	227835.17 Ton/day
Mean	79.11	818.34	155.63	1630.23	764.35	435.34	2501.77	522.01	200.53	102.09	92.30	92.23	Ton/day
Max	180.40	3320.75	254.22	11227.51	6803.29	2128.88	15763.24	1380.32	1166.87	123.46	134.94	278.30	15763.24 Ton/day
Min	49.85	132.04	104.08	164.84	230.76	177.25	409.49	199.57	126.30	85.29	72.44	54.95	49.85 Ton/day

WATER YEAR : 2007

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.D - 49		
Period of Available Records	1998 - 2009 , 2012 - Cont'd		
Actual Measurement	1998 - 2009 , 2012 - Cont'd		
Using Rating Curve Water Year	1998-2007		
Number of observation	237		
R-Square	0.8218		
Remarks	Continued Sediment Station		

$$QS = 1.9229 QW^{1.38090}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	49.44	196.31	44.63	46.22	52.72	39.96	28.25	47.83	49.44	82.41	51.08	226.40		
2	46.22	146.00	43.06	46.22	49.44	39.96	49.44	47.83	44.63	169.28	47.83	169.28		
3	46.22	77.95	146.00	44.63	44.63	33.97	41.51	44.63	41.51	874.80	91.52	82.41		
4	43.06	65.00	188.75	49.44	44.63	22.83	41.51	44.63	39.96	538.71	58.77	56.74		
5	36.93	46.22	167.45	46.22	44.63	33.97	39.96	43.06	39.96	233.35	47.83	51.08		
6	33.97	49.44	91.52	46.22	44.63	24.15	29.65	173.86	41.51	300.59	46.22	44.63		
7	33.97	49.44	156.63	71.39	44.63	26.86	22.83	966.56	43.06	192.52	44.63	43.06		
8	31.07	132.17	132.17	56.74	44.63	26.86	21.27	260.71	43.06	280.98	44.63	67.11		
9	29.65	77.95	165.18	115.42	41.51	26.86	18.99	368.87	91.52	165.18	44.63	80.17		
10	25.50	165.18	84.66	165.63	41.51	26.86	18.99	205.89	262.26	122.04	44.63	73.56		
11	25.50	135.59	82.41	160.21	41.51	25.50	35.44	212.67	99.32	82.41	43.06	60.83		
12	26.86	99.32	77.95	84.66	39.96	26.86	35.44	179.40	71.39	77.95	46.22	62.90		
13	26.86	77.95	125.39	52.72	39.96	43.06	39.96	167.91	56.74	73.56	44.63	51.08		
14	54.72	67.11	135.59	51.08	41.51	46.22	46.22	170.65	58.77	69.24	44.63	54.72		
15	69.24	65.00	82.41	52.72	41.51	44.63	62.90	300.59	203.96	62.90	41.51	47.83		
16	69.24	115.42	118.72	49.44	41.51	44.63	84.66	290.47	166.09	56.74	39.96	46.22		
17	43.06	112.15	77.95	49.44	41.51	44.63	47.83	572.93	167.45	58.77	39.96	44.63		
18	38.44	112.15	67.11	51.08	44.63	41.51	71.39	245.41	165.63	135.59	38.44	44.63		
19	167.00	80.17	62.90	164.27	44.63	39.96	93.84	177.55	201.09	417.83	41.51	44.63		
20	35.44	132.17	56.74	86.93	44.63	38.44	62.90	204.93	165.63	170.19	36.93	44.63		
21	39.96	84.66	56.74	82.41	44.63	26.86	89.22	182.19	132.17	118.72	38.44	44.63		
22	32.51	67.11	58.77	86.93	43.06	26.86	91.52	166.54	73.56	86.93	39.96	44.63		
23	31.07	172.02	58.77	166.54	43.06	26.86	153.06	118.72	80.17	77.95	38.44	43.06		
24	28.25	93.84	54.72	167.00	41.51	26.86	172.94	96.18	71.39	73.56	39.96	41.51		
25	28.25	69.24	75.75	149.52	41.51	22.83	388.83	69.24	65.00	71.39	41.51	44.63		
26	26.86	56.74	60.83	99.32	41.51	24.15	237.85	69.24	58.77	71.39	43.06	56.74		
27	31.07	51.08	56.74	73.56	41.51	24.15	188.75	67.11	52.72	65.00	46.22	52.72		
28	49.44	47.83	58.77	58.77	41.51	22.83	71.39	58.77	51.08	65.00	54.72	51.08		
29	102.49	47.83	49.44	86.93	67.11	19.74	41.51	56.74	49.44	65.00	179.40	47.83		
30	168.36	47.83	47.83	60.83	46.22	19.74	67.11	49.44	49.44	56.74		47.83		
31		52.72		58.77	44.63		44.63		47.83	54.72		46.22		
Total	1470.65	2793.59	2685.58	2581.26	1370.58	938.60	2439.79	5660.55	2784.55	4971.44	1460.33	1917.42	31074.34	Ton/day
Mean	49.02	90.12	89.52	83.27	44.21	31.29	78.70	188.69	89.82	160.37	50.36	61.85		Ton/day
Max	168.36	196.31	188.75	167.00	67.11	46.22	388.83	966.56	262.26	874.80	179.40	226.40	966.56	Ton/day
Min	25.50	46.22	43.06	44.63	39.96	19.74	18.99	43.06	39.96	54.72	36.93	41.51	18.99	Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Upper Khlong Lang Suan at Ban Phato , Chumphon (X.213)

Lat 09 - 46 - 55 N Long 98 - 46 - 55 E

Location : on left bank at the bridge.

	Ban Phato	Amphoe Phato	Changwat Chumphon
Drainage Area	714 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	2005-2007		
Number of observation	81		
R-Square	0.7153		
Remarks	Continued Sediment Station		

$$QS = 3.1123 QW^{1.24850}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	25.55	71.06	31.59	63.89	235.65	250.45	749.00	547.89	243.02	159.85	55.15	51.05		
2	25.55	53.78	30.37	82.08	69.25	235.65	1875.65	500.47	231.97	153.91	53.78	49.70		
3	30.37	51.05	29.15	105.02	153.91	221.03	2966.06	423.75	221.03	108.95	52.41	45.69		
4	24.38	87.71	27.94	355.18	142.18	210.19	1968.49	382.32	206.60	99.18	53.78	45.69		
5	27.94	57.92	39.15	284.38	137.21	187.09	1823.01	364.18	193.25	95.33	53.78	43.05		
6	20.92	57.92	30.37	1044.99	137.21	177.91	2415.44	660.97	180.96	93.41	52.41	41.74		
7	22.06	87.71	30.37	989.64	129.00	187.09	1654.01	1153.66	174.88	91.50	52.41	43.05		
8	22.06	63.89	32.83	1744.60	250.45	213.79	1063.57	1255.42	224.67	87.71	51.05	78.37		
9	20.92	89.60	44.37	3661.28	934.90	184.02	864.08	2224.85	180.96	85.83	51.05	57.92		
10	20.92	250.45	32.83	732.84	307.47	153.91	629.51	916.79	171.85	83.95	49.70	47.02		
11	20.92	124.94	55.15	645.20	213.79	235.65	524.07	668.88	162.83	80.22	48.36	45.69		
12	22.06	110.92	31.59	765.24	174.88	159.85	465.47	2715.58	156.87	78.37	48.36	43.05		
13	27.94	76.53	65.67	880.79	177.91	246.73	453.92	998.82	150.96	76.53	48.36	40.44		
14	62.12	62.12	47.02	724.78	231.97	246.73	637.35	830.87	145.09	76.53	48.36	39.15		
15	40.44	105.02	34.08	629.51	177.91	323.06	414.47	645.20	142.18	74.70	48.36	37.87		
16	32.83	108.95	31.59	433.07	598.37	453.92	355.18	773.39	156.87	72.87	45.69	35.33		
17	30.37	72.87	29.15	350.70	1133.51	1288.86	338.80	889.76	139.27	71.06	45.69	35.33		
18	26.74	63.89	34.08	276.77	880.79	2075.67	338.80	582.91	135.15	69.25	44.37	35.33		
19	24.38	51.05	59.32	265.42	789.73	1654.01	323.06	488.75	133.09	67.46	44.37	34.08		
20	29.15	44.37	59.32	224.67	676.81	980.47	512.24	530.01	159.85	67.46	53.78	34.08		
21	24.38	37.87	39.15	228.31	732.84	700.71	934.90	477.08	150.96	65.67	48.36	34.08		
22	20.92	36.60	32.83	217.40	553.88	524.07	459.69	400.62	129.00	65.67	47.02	32.83		
23	22.06	34.08	31.59	196.35	453.92	822.61	477.08	364.18	122.92	63.89	45.69	32.83		
24	20.92	31.59	30.37	177.91	364.18	482.91	5690.39	330.91	118.89	63.89	44.37	34.08		
25	19.79	29.15	34.08	153.91	311.35	419.10	1513.64	303.60	116.89	62.12	59.32	32.83		
26	17.57	27.94	724.78	135.15	547.89	500.47	1245.17	284.38	108.95	67.46	76.53	32.83		
27	16.48	25.55	437.74	137.21	307.47	405.23	989.64	269.19	103.06	67.46	57.92	31.59		
28	71.06	41.74	177.91	153.91	311.35	350.70	1513.64	261.66	99.18	65.67	56.54	31.59		
29	59.32	49.70	99.18	187.09	292.04	405.23	971.32	257.91	97.25	59.32	60.72	31.59		
30	39.15	36.60	72.87	228.31	326.98	373.23	724.78	254.18	97.25	57.92		48.36		
31		35.33		184.02	295.88		660.97		95.33	56.54		53.78		
Total	869.27	2077.90	2456.44	16259.62	12050.68	14670.34	35553.40	20758.18	4751.03	2489.68	1497.69	1280.02	114714.25	Ton/day
Mean	28.98	67.03	81.88	524.50	388.73	489.01	1146.88	691.94	153.26	80.31	51.64	41.29		Ton/day
Max	71.06	250.45	724.78	3661.28	1133.51	2075.67	5690.39	2715.58	243.02	159.85	76.53	78.37	5690.39	Ton/day
Min	16.48	25.55	27.94	63.89	69.25	153.91	323.06	254.18	95.33	56.54	44.37	31.59	16.48	Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA EAST COAST

Khlung Rap Ro at Ban Hat Nai , Chumphon (X.248)

Lat 10 - 38 - 16 N Long 99 - 03 - 01 E

Location : on left bank at Ban Hat Nai.

	Ban Hat Nai	Amphoe Tha Sae	Changwat Chumphon
Drainage Area	691 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2006-Cont'd		
Actual Measurement	2006-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	20		
R-Square	0.7081		
Remarks	Continued Sediment Station		

$$QS = 119.4500 QW^{0.90020}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	828.75	2931.95	1168.80	1400.21	2463.82	2044.51	3157.24	4172.78	1851.18	1465.52	1202.15	1135.34	
2	828.75	3246.85	1135.34	1914.54	2255.25	2009.16	3202.08	4085.66	1851.18	1465.52	1202.15	1101.78	
3	793.96	2044.51	1135.34	3646.85	2115.01	2009.16	3202.08	3998.33	1819.41	1400.21	1202.15	1101.78	
4	793.96	3998.33	1168.80	3866.94	2115.01	1977.67	7158.94	3823.04	1819.41	1400.21	1168.80	1068.10	
5	793.96	2670.46	1914.54	3291.55	2115.01	1977.67	6302.67	3690.98	1787.57	1400.21	1135.34	1068.10	
6	759.01	2325.00	1235.40	3998.33	2009.16	1977.67	4777.26	3469.70	1787.57	1367.42	1135.34	1068.10	
7	759.01	2009.16	1202.15	7230.62	1882.89	2115.01	4432.96	3157.24	1755.67	1367.42	1135.34	1034.30	
8	759.01	1882.89	1202.15	4389.72	5948.24	2079.79	3998.33	3067.34	1723.71	1334.56	1101.78	1034.30	
9	759.01	1851.18	1168.80	30788.49	17644.44	2044.51	3202.08	2931.95	1691.69	1301.60	1101.78	1268.54	
10	793.96	1882.89	1168.80	4827.24	9005.86	2044.51	3067.34	2704.72	1691.69	1268.54	1068.10	1659.59	
11	793.96	2009.16	1168.80	3779.08	5175.51	2115.01	2931.95	2532.91	1659.59	1268.54	1068.10	1168.80	
12	793.96	4827.24	1135.34	3823.04	4129.25	2079.79	2841.30	2359.79	1627.43	1268.54	1068.10	1101.78	
13	1914.54	3514.08	1135.34	3998.33	2977.15	2044.51	3998.33	2290.15	1595.20	1235.40	1034.30	1068.10	
14	1235.40	2636.14	1135.34	3998.33	2750.33	2044.51	2886.66	2463.82	1562.89	1235.40	1202.15	1068.10	
15	1034.30	2290.15	1101.78	3558.40	2670.46	2044.51	4172.78	2185.25	1627.43	1301.60	1562.89	1034.30	
16	897.83	2044.51	1101.78	3291.55	2886.66	2079.79	3291.55	3202.08	6243.75	1202.15	1268.54	1000.38	
17	863.37	1819.41	1068.10	3202.08	4677.13	2290.15	2567.37	2463.82	2044.51	1202.15	1202.15	1000.38	
18	828.75	1787.57	1068.10	3067.34	2886.66	4172.78	2601.78	2150.16	1882.89	1168.80	1135.34	966.34	
19	828.75	1627.43	1068.10	2931.95	2841.30	3380.76	2498.39	2150.16	1787.57	1168.80	1135.34	966.34	
20	932.15	1562.89	1034.30	2841.30	2750.33	2886.66	2795.85	3514.08	1691.69	1168.80	1101.78	932.15	
21	863.37	1465.52	1068.10	2636.14	2704.72	5125.92	2498.39	2567.37	1627.43	1168.80	1068.10	897.83	
22	828.75	1465.52	1068.10	2429.20	2498.39	4346.43	2394.52	2463.82	1595.20	1135.34	1034.30	863.37	
23	828.75	1465.52	1135.34	2220.28	2463.82	4927.02	2290.15	2359.79	1562.89	1135.34	1000.38	828.75	
24	793.96	1432.90	1135.34	2115.01	2394.52	4085.66	16515.53	2079.79	1562.89	1135.34	1000.38	793.96	
25	759.01	1367.42	1135.34	2220.28	2325.00	2704.72	15541.06	2009.16	1530.51	1101.78	1135.34	793.96	
26	723.88	1334.56	1595.20	2115.01	2290.15	2567.37	8421.07	1946.14	1530.51	1168.80	1135.34	897.83	
27	723.88	1235.40	2115.01	2079.79	2255.25	2325.00	7943.24	1946.14	1498.05	1400.21	1202.15	1000.38	
28	723.88	1202.15	1819.41	2359.79	2394.52	2185.25	5125.92	1946.14	1498.05	1301.60	1101.78	966.34	
29	793.96	1168.80	1562.89	2044.51	2325.00	2150.16	4085.66	1946.14	1465.52	1268.54	1068.10	966.34	
30	897.83	1168.80	1400.21	3067.34	2255.25	3823.04	4389.72	1914.54	1465.52	1235.40		932.15	
31		1135.34		2636.14	2115.01		4303.09		1465.52	1202.15		897.83	
Total	25929.66	63403.73	37552.04	125769.38	107321.10	79658.70	146595.29	81592.99	56304.12	39244.69	32977.49	31685.34	828034.53 Tonday
Mean	864.32	2045.28	1251.73	4057.08	3461.97	2655.29	4728.88	2719.77	1816.26	1265.96	1137.15	1022.11	Ton/day
Max	1914.54	4827.24	2115.01	30788.49	17644.44	5125.92	16515.53	4172.78	6243.75	1465.52	1562.89	1659.59	30788.49 Ton/day
Min	723.88	1135.34	1034.30	1400.21	1882.89	1977.67	2290.15	1914.54	1465.52	1101.78	1000.38	793.96	723.88 Ton/day

WATER YEAR : 2007

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.				
Method of sampling	Depth Integrating					
Instrument Used	US.D - 49					
Period of Available Records	1990-Cont'd					
Actual Measurement	1990-Cont'd					
Using Rating Curve Water Year	1990-2007					
Number of observation	192					
R-Square	0.7773					
Remarks	Continued Sediment Station					

$$QS = 3.9157 QW^{1.06630}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	120.15	443.75	220.35	441.23	1811.37	1141.25	770.00	1713.39	652.59	248.35	159.25	140.92	
2	101.64	643.12	213.92	371.03	1728.93	1050.57	890.29	1745.40	588.23	255.27	161.09	126.36	
3	100.11	599.64	218.21	320.17	1554.80	875.08	1122.25	1794.86	539.89	278.35	186.19	162.93	
4	103.18	585.38	294.54	285.26	1351.54	780.44	1304.45	1803.11	500.28	341.18	179.83	153.73	
5	139.09	652.59	448.80	262.16	1126.99	853.76	1423.71	1794.86	469.01	421.10	161.09	157.41	
6	121.70	677.87	593.93	273.72	943.63	1013.37	1534.82	1778.36	443.75	391.01	151.90	224.64	
7	97.05	508.75	665.22	548.40	801.35	1079.56	1611.20	1728.93	421.10	363.55	146.40	194.70	
8	86.38	378.51	742.20	905.51	687.37	1042.29	1684.15	1706.07	408.54	341.18	140.92	188.32	
9	81.83	476.61	763.04	1083.70	608.49	1034.02	1770.12	1737.16	406.04	322.48	137.27	231.09	
10	83.35	668.38	722.25	1219.25	548.40	1126.99	1836.14	1836.14	463.95	313.15	133.62	184.07	
11	83.35	916.93	700.04	1387.60	500.28	1021.63	1905.38	1984.00	588.23	282.97	129.99	150.06	
12	60.34	1021.63	696.87	1521.51	461.43	901.70	1905.38	2114.02	602.49	269.10	126.36	142.74	
13	83.35	1058.85	665.22	1640.36	421.10	846.76	1836.14	2240.20	568.29	259.88	124.80	133.62	
14	115.50	996.86	646.28	1728.93	393.51	890.29	1761.88	2282.36	508.75	248.35	121.70	126.36	
15	203.23	875.08	621.07	1753.64	408.54	890.29	1753.64	2316.50	451.32	237.56	118.60	121.70	
16	226.79	818.80	794.37	1698.76	423.61	920.74	1811.37	2282.36	453.85	224.64	115.50	107.79	
17	151.90	886.48	935.99	1554.80	481.67	1067.13	1877.48	2187.57	474.07	224.64	112.41	100.11	
18	112.41	996.86	850.26	1375.57	591.08	1281.70	1964.33	2093.04	759.56	278.35	109.33	98.58	
19	92.47	1025.76	780.44	1264.65	693.70	1481.62	2003.69	1993.84	728.61	266.77	107.79	92.47	
20	93.99	928.37	794.37	1253.29	745.67	1611.20	2003.69	1869.21	511.58	273.72	106.25	89.42	
21	104.71	766.52	804.83	1264.65	871.28	1676.85	2013.53	1827.88	511.58	262.16	103.18	89.42	
22	97.05	636.82	808.32	1321.54	1117.50	1625.77	2043.09	1819.62	471.54	241.87	100.11	95.52	
23	93.99	531.39	745.67	1405.65	1293.07	1423.71	2082.55	1819.62	423.61	264.49	100.11	95.52	
24	87.90	441.23	554.08	1501.56	1405.65	1219.25	2082.55	1778.36	383.51	239.71	98.58	90.94	
25	100.11	368.54	489.28	1611.20	1435.77	1122.25	2013.53	1691.46	358.57	211.78	97.05	89.42	
26	133.62	301.54	461.43	1720.70	1357.55	1087.85	1860.94	1441.79	336.50	196.83	117.05	89.42	
27	133.62	259.88	466.48	1819.62	1179.32	1083.70	1819.62	1203.15	317.81	198.96	264.49	100.11	
28	131.80	228.94	528.55	1885.76	968.02	1013.37	1819.62	1034.02	306.19	201.09	196.83	128.17	
29	128.17	211.78	582.53	1895.57	818.80	916.93	1811.37	864.27	296.89	186.19	146.40	128.17	
30	181.95	207.50	531.39	1885.76	878.88	804.83	1770.12	742.20	285.26	179.83		157.41	
31		222.50		1869.21	1054.71		1698.76		271.38	169.26		306.19	
Total	3450.73	19336.86	18339.93	39070.76	28664.01	32884.90	53785.79	53223.75	14502.97	8193.77	3954.09	4297.31	279704.87 Ton/day
Mean	115.02	623.77	611.33	1260.35	924.65	1096.16	1735.03	1774.12	467.84	264.32	136.35	138.62	Ton/day
Max	226.79	1058.85	935.99	1895.57	1811.37	1676.85	2082.55	2316.50	759.56	421.10	264.49	306.19	2316.50 Ton/day
Min	60.34	207.50	213.92	262.16	393.51	780.44	770.00	742.20	271.38	169.26	97.05	89.42	60.34 Ton/day

WATER YEAR : 2007

TAPI RIVER BASIN

Khlong Chandee at Ban Pak Min , Nakhon Si Thammarat (X.257)

Lat 08 - 33 - 34 N Long 99 - 32 - 11 E

Location : on left bank at Ban Pak Min.

	Ban Pak Min	Amphoe Chawang	Changwat	Nakhon Si Thammarat
Drainage Area	2,076 sq.km.			
Method of sampling	Depth Integrating			
Instrument Used	US.D-49			
Period of Available Records	2007-Cont'd			
Actual Measurement	2007-Cont'd			
Using Rating Curve Water Year	2007			
Number of observation	18			
R-Square	0.7331			
Remarks	Continued Sediment Station			

$$QS = 17.1420 QW^{0.65780}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	21.39	40.53	63.09	74.32	216.66	95.66	113.92	162.80	90.76	57.23	48.10	41.25	
2	21.39	32.95	63.09	71.13	197.00	90.76	127.00	146.35	79.74	76.67	49.41	39.81	
3	22.38	41.25	102.68	70.32	94.04	87.41	143.86	134.45	80.50	98.18	49.41	35.31	
4	22.38	36.84	237.83	69.51	122.99	99.09	133.60	138.78	80.50	82.26	48.10	46.78	
5	23.35	36.84	220.86	69.51	110.52	110.52	113.92	126.21	80.50	76.67	47.44	39.81	
6	23.35	35.31	227.08	68.69	87.41	129.38	113.07	127.00	79.74	72.74	45.43	39.81	
7	22.38	34.53	191.80	122.99	80.50	138.78	113.07	220.86	78.98	69.51	44.06	39.81	
8	21.39	63.09	181.71	140.48	78.21	127.00	110.52	204.12	77.44	66.20	42.67	39.81	
9	21.39	76.67	155.01	155.01	72.74	129.38	122.99	258.88	92.41	65.36	42.67	44.75	
10	21.39	135.34	205.14	248.47	72.74	134.45	142.18	237.83	115.59	63.09	42.67	41.25	
11	24.30	141.31	195.95	210.29	80.50	126.21	135.34	248.47	95.66	61.65	41.96	39.08	
12	21.39	123.80	167.55	189.71	79.74	122.99	185.65	249.53	84.88	62.41	41.25	41.25	
13	23.35	98.18	152.02	186.63	79.74	137.90	204.12	248.47	79.74	61.65	40.53	39.81	
14	32.95	80.50	148.00	208.14	80.50	146.35	195.95	249.53	76.67	60.20	39.81	39.08	
15	27.04	94.04	130.95	203.12	83.15	163.74	227.08	234.60	99.99	57.23	38.34	37.60	
16	25.23	97.27	155.01	188.67	140.48	174.71	235.67	234.60	102.68	55.71	37.60	36.84	
17	23.35	113.07	183.69	190.77	145.53	200.06	244.24	234.60	93.25	54.17	36.84	33.74	
18	23.35	111.38	178.73	189.71	140.48	200.06	243.19	206.13	92.41	59.49	36.84	32.14	
19	21.39	97.27	169.61	193.88	111.38	174.71	233.50	175.72	118.09	83.99	36.84	30.49	
20	32.95	102.68	180.72	194.93	110.52	144.68	219.82	166.62	97.27	67.87	36.08	28.79	
21	25.23	118.09	184.67	191.80	110.52	131.85	222.94	156.97	89.95	60.96	35.31	28.79	
22	23.35	106.20	148.00	179.72	106.20	119.73	206.13	143.00	81.41	55.71	35.31	27.04	
23	22.38	87.41	111.38	189.71	105.33	105.33	202.09	136.18	77.44	55.71	33.74	27.04	
24	19.33	72.74	107.94	197.00	109.67	98.18	192.86	123.80	72.74	54.17	32.95	27.04	
25	17.14	68.69	106.20	310.65	125.41	95.66	202.09	116.43	72.74	54.17	32.14	27.04	
26	17.14	62.41	99.99	237.83	111.38	122.18	193.88	110.52	69.51	52.61	36.84	27.04	
27	17.14	57.23	97.27	226.05	103.56	112.23	192.86	106.20	79.74	51.02	32.95	27.04	
28	25.23	58.72	102.68	231.32	101.79	106.20	193.88	101.79	67.87	49.41	39.08	27.04	
29	25.23	56.50	98.18	226.05	99.99	97.27	195.95	97.27	67.04	49.41	51.85	27.04	
30	40.53	71.13	106.20	220.86	99.09	89.09	187.60	92.41	66.20	49.41		27.04	
31		75.89		220.86	96.49		179.72		61.65	49.41		27.04	
Total	708.79	2427.86	4473.03	5478.13	3354.26	3811.56	5528.69	5190.12	2603.09	1934.27	1176.22	1066.40	37752.42 Tonday
Mean	23.63	78.32	149.10	176.71	108.20	127.05	178.34	173.00	83.97	62.40	40.56	34.40	Ton/day
Max	40.53	141.31	237.83	310.65	216.66	200.06	244.24	258.88	118.09	98.18	51.85	46.78	310.65 Ton/day
Min	17.14	32.95	63.09	68.69	72.74	87.41	110.52	92.41	61.65	49.41	32.14	27.04	17.14 Ton/day

WATER YEAR : 2007

TAPI RIVER BASIN

Lower Khlong I - Pan at Ban Arpart , Surat Thani (X.260)

Lat 08 - 32 - 28 N Long 99 - 13 - 25 E

Location : on left bank at Ban Arpart.

	Ban Arpart	Amphoe Phrasaeng	Changwat Surat Thani
Drainage Area	2,076 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	19		
R-Square	0.7129		
Remarks	Continued Sediment Station		

QS = 17.8360 QW^{0.85950}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	80.81	501.41	129.06	196.41	988.22	593.40	355.44	779.18	411.15	150.96	83.20	115.63		
2	63.73	527.95	129.06	153.12	973.89	593.40	443.08	997.76	382.07	150.96	94.99	114.50		
3	58.09	430.35	129.06	136.79	914.60	593.40	658.53	1031.02	345.54	150.96	94.99	112.24		
4	91.48	372.29	126.84	124.61	505.85	593.40	853.04	1007.28	321.32	150.96	94.99	109.96		
5	98.47	407.02	161.71	121.26	505.85	400.11	997.76	1062.93	267.51	150.96	94.99	106.54		
6	83.20	372.29	216.45	145.53	341.29	461.15	1104.06	927.87	208.78	143.36	94.99	103.09		
7	80.81	309.82	266.03	450.32	341.29	461.15	1104.06	914.60	193.30	143.36	94.99	100.79		
8	82.01	211.85	283.68	629.53	280.75	443.08	1139.11	887.95	193.30	143.36	94.99	97.31		
9	96.15	362.47	298.25	705.85	214.92	576.07	1227.92	874.58	193.30	147.71	94.99	94.99		
10	97.31	465.65	271.94	752.65	224.07	505.85	1443.71	1057.03	208.78	147.71	129.06	92.65		
11	101.94	725.97	282.22	870.12	217.98	505.85	1788.71	1104.06	208.78	140.08	129.06	93.82		
12	103.09	752.65	268.99	978.67	193.30	377.88	1428.75	1495.14	193.30	106.54	129.06	89.12		
13	105.39	746.00	239.19	997.76	182.87	341.29	1007.28	1563.27	193.30	106.54	129.06	85.58		
14	80.81	661.92	254.16	1080.58	182.87	358.25	949.92	1614.05	193.30	106.54	129.06	83.20		
15	79.61	501.41	254.16	1109.91	182.87	369.49	973.89	1495.14	193.30	106.54	129.06	82.01		
16	92.65	474.63	230.14	896.85	182.87	383.46	1080.58	1240.95	193.30	121.26	129.06	79.61		
17	93.82	377.88	375.09	722.62	224.07	527.95	1195.22	1162.38	193.30	121.26	117.89	77.20		
18	96.15	496.96	383.46	580.41	227.11	725.97	1292.88	1045.22	204.16	129.06	117.89	74.78		
19	97.31	543.34	341.29	516.92	228.63	861.18	1292.88	905.73	196.41	129.06	117.89	69.91		
20	93.82	483.59	366.69	510.28	228.63	1002.52	1253.97	861.18	207.24	109.96	117.89	67.45		
21	92.65	389.02	397.34	538.95	208.78	1045.22	1338.42	905.73	161.71	109.96	117.89	67.45		
22	93.82	329.90	341.29	682.25	606.34	901.29	1383.70	1109.91	161.71	119.01	116.76	67.45		
23	99.63	318.45	263.07	536.75	892.40	779.18	1460.89	1115.76	161.71	109.96	116.76	67.45		
24	99.63	224.07	222.55	576.07	1045.22	549.91	1391.23	1104.06	161.71	109.96	116.76	79.61		
25	94.99	176.57	193.30	992.99	973.89	519.13	1338.42	914.60	161.71	109.96	116.76	77.20		
26	97.31	153.12	115.63	1045.22	725.97	490.28	1086.46	746.00	161.71	108.82	116.76	112.24		
27	94.99	129.06	115.63	1051.13	505.85	443.08	949.92	563.01	161.71	117.89	116.76	94.99		
28	100.79	129.06	130.17	1080.58	432.18	443.08	949.92	443.08	161.71	106.54	115.63	94.99		
29	103.09	131.28	311.26	1045.22	383.46	383.46	820.35	424.88	161.71	106.54	115.63	90.30		
30	101.94	131.28	239.19	1040.49	375.09	355.44	779.18	405.64	161.71	106.54		89.12		
31		131.28		997.76	536.75		779.18		161.71	106.54		87.94		
Total	2755.49	11968.54	7336.90	21267.60	14027.86	16584.92	33868.46	29759.99	6480.25	3868.86	3267.81	2779.12	153965.80	Ton/day
Mean	91.85	386.08	244.56	686.05	452.51	552.83	1092.53	992.00	209.04	124.80	112.68	89.65		Ton/day
Max	105.39	752.65	397.34	1109.91	1045.22	1045.22	1788.71	1614.05	411.15	150.96	129.06	115.63	1788.71	Ton/day
Min	58.09	129.06	115.63	121.26	182.87	341.29	355.44	405.64	161.71	106.54	83.20	67.45	58.09	Ton/day

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlong Tam at Ban Khuan Lang , Songkhla (X.71B)

Lat 06 - 59 - 15 N Long 100 - 25 - 27 E

Location : on left bank at the bridge.

	Ban Khuan Lang	Amphoe Hat Yai	Changwat Songkhla
Drainage Area	148 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	2005-2007		
Number of observation	63		
R-Square	0.7190		
Remarks	Continued Sediment Station		

$$QS = 9.5911 QW^{1.05610}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	11.01	10.40	11.63	5.59	14.72	15.34	14.72	107.52	1.94	26.31	4.42	34.60		
2	11.32	20.79	11.63	4.61	11.93	14.72	19.10	115.02	1.38	26.31	4.22	26.31		
3	5.00	22.05	13.17	3.64	13.17	14.10	33.84	59.16	1.29	24.18	4.22	16.90		
4	1.02	9.19	17.84	3.26	14.72	14.10	17.84	43.22	1.20	21.21	4.22	4.81		
5	1.29	15.03	18.68	4.61	15.65	13.48	16.59	44.98	1.20	19.52	4.03	3.64		
6	2.12	12.24	22.48	7.08	15.65	13.48	16.28	58.27	1.20	17.84	4.03	3.07		
7	1.75	10.71	21.21	17.22	15.03	13.17	14.72	50.27	139.54	15.96	3.84	1.94		
8	1.48	7.38	34.60	16.59	14.72	13.17	14.41	94.21	195.89	13.79	3.84	3.64		
9	1.57	4.03	36.12	16.59	14.72	15.34	13.79	110.52	186.39	12.55	3.84	20.79		
10	1.66	2.69	29.31	16.28	14.10	15.34	13.17	182.60	55.60	9.79	4.61	17.22		
11	1.75	4.22	33.84	15.65	14.41	14.10	13.17	112.02	29.31	5.40	5.59	15.96		
12	1.75	9.49	22.05	14.72	14.10	13.17	14.72	70.37	89.64	11.32	8.58	12.55		
13	1.75	5.59	18.68	14.72	14.10	12.24	15.65	54.71	155.94	14.72	11.63	16.90		
14	1.94	4.61	19.94	14.72	13.48	12.24	20.79	32.33	98.79	13.17	13.79	8.58		
15	3.64	4.03	20.79	14.72	13.48	12.24	12.24	12.86	250.96	12.55	13.79	5.00		
16	3.84	5.59	22.05	14.72	13.17	13.48	9.49	5.00	381.28	14.72	13.79	3.64		
17	3.84	16.28	19.94	14.72	14.10	18.68	24.18	3.84	335.61	22.48	13.79	3.07		
18	3.64	24.18	17.84	16.28	13.48	17.53	80.54	1.85	300.72	20.36	13.79	1.94		
19	3.26	24.60	17.84	16.28	13.48	15.65	157.58	0.84	295.12	15.96	13.79	1.66		
20	3.07	22.05	17.84	16.28	14.10	15.34	113.52	36.01	131.61	13.17	13.48	1.48		
21	2.50	19.94	17.84	22.05	14.10	14.72	184.49	32.54	52.04	10.40	13.48	1.48		
22	1.94	17.53	17.84	33.09	14.41	14.10	256.14	21.63	15.65	10.10	13.48	1.66		
23	1.66	17.53	17.84	41.47	14.10	12.86	160.87	19.94	8.58	10.10	13.17	2.12		
24	1.57	17.84	14.72	60.28	13.48	12.55	77.14	13.68	5.59	10.10	13.17	12.24		
25	1.48	16.28	7.98	41.47	13.48	12.86	43.22	10.00	3.64	10.10	12.55	13.17		
26	1.48	14.41	7.68	26.31	14.72	12.86	30.82	10.00	2.69	10.10	5.59	13.79		
27	1.57	13.17	7.08	22.05	14.72	12.86	23.33	50.05	1.75	5.59	4.22	14.72		
28	1.57	12.24	6.48	40.70	14.10	12.86	16.90	19.94	1.29	5.59	11.01	14.72		
29	1.66	11.93	5.89	50.27	14.10	12.86	14.10	10.61	0.84	4.61	15.96	14.72		
30	13.79	11.63	5.59	26.31	14.41	13.17	12.55	3.45	0.58	4.61		15.65		
31		11.63		18.26	14.72		14.72		0.41	4.61		14.72		
Total	95.92	399.28	536.42	630.54	438.65	418.61	1470.62	1387.44	2747.67	417.22	265.92	322.69	9130.98	Ton/day
Mean	3.20	12.88	17.88	20.34	14.15	13.95	47.44	46.25	88.63	13.46	9.17	10.41		Ton/day
Max	13.79	24.60	36.12	60.28	15.65	18.68	256.14	182.60	381.28	26.31	15.96	34.60	381.28	Ton/day
Min	1.02	2.69	5.59	3.26	11.93	12.24	9.49	0.84	0.41	4.61	3.84	1.48	0.41	Ton/day

WATER YEAR : 2007

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.		
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	2007		
Number of observation	23		
R-Square	0.8695		
Remarks	Continued Sediment Station		

$$QS = 3.7478 QW^{1.56590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	831.73	1038.57	1065.57	164.72	449.04	208.02	171.68	2027.68	480.87	258.91	434.24	907.34		
2	746.55	972.15	920.18	182.32	313.71	313.71	196.85	1305.04	400.41	258.91	464.02	881.87		
3	623.30	894.58	714.99	287.94	283.73	275.36	699.39	1092.83	287.94	219.40	494.51	907.34		
4	593.75	1190.17	869.24	386.22	258.91	115.94	1408.65	1305.04	154.48	215.58	615.86	807.05		
5	571.94	1275.96	1148.08	487.67	164.72	56.42	676.23	1356.48	193.18	215.58	794.82	668.57		
6	972.15	894.58	746.55	529.20	122.08	168.19	376.86	1391.18	262.99	189.53	894.58	645.79		
7	630.76	746.55	536.24	322.47	200.55	390.93	362.97	1679.94	1968.10	182.32	707.18	615.86		
8	349.28	645.79	1391.18	267.09	227.11	454.02	296.44	2768.86	4067.28	189.53	501.38	668.57		
9	322.47	501.38	1774.16	215.58	196.85	730.71	254.85	5076.64	5357.61	208.02	349.28	807.05		
10	414.79	367.58	1176.08	300.73	122.08	722.83	175.20	5438.89	3299.85	211.79	331.32	1011.81		
11	522.19	313.71	946.04	292.18	68.58	185.91	168.19	4126.14	1605.92	215.58	340.26	1204.31		
12	894.58	386.22	1162.05	223.25	40.89	157.86	449.04	3347.60	1275.96	182.32	344.76	1305.04		
13	1624.31	515.22	1079.17	208.02	22.04	275.36	1120.33	4096.67	1391.18	171.68	386.22	1106.55		
14	1052.04	615.86	754.52	196.85	22.04	386.22	2836.20	3979.58	1038.57	157.86	449.04	313.71		
15	782.65	676.23	543.31	189.53	31.57	550.42	1624.31	2548.65	2398.47	134.71	480.87	223.25		
16	714.99	856.67	557.56	164.72	78.91	856.67	2657.93	1698.64	5076.64	112.91	501.38	258.91		
17	638.26	1065.57	434.24	101.09	296.44	1373.79	2679.99	1247.12	7426.68	171.68	515.22	234.92		
18	593.75	1290.47	386.22	66.08	390.93	762.52	2813.69	933.07	6931.18	424.47	536.24	175.20		
19	1079.17	1426.19	381.53	283.73	262.99	869.24	3181.57	1079.17	5076.64	630.76	557.56	171.68		
20	676.23	714.99	344.76	1515.09	157.86	1038.57	3228.70	1261.51	3516.66	449.04	579.18	219.40		
21	653.35	557.56	258.91	2108.13	98.21	1120.33	3979.58	1515.09	2272.38	292.18	601.09	254.85		
22	660.95	400.41	231.01	2189.70	86.99	794.82	2995.59	998.53	1587.60	258.91	623.30	326.89		
23	638.26	246.81	200.55	557.56	157.86	571.94	2251.61	844.16	985.31	242.82	638.26	358.39		
24	615.86	1134.18	144.47	1322.11	231.01	522.19	1176.08	601.09	593.75	223.25	660.95	400.41		
25	615.86	699.39	109.91	1290.47	215.58	668.57	699.39	536.24	434.24	231.01	699.39	439.16		
26	881.87	372.21	109.91	638.26	185.91	1065.57	474.11	508.28	508.28	200.55	959.06	529.20		
27	668.57	469.05	292.18	907.34	287.94	1134.18	400.41	390.93	409.97	168.19	1479.30	645.79		
28	699.39	557.56	522.19	959.06	353.82	543.31	313.71	395.66	340.26	242.82	1120.33	1092.83		
29	691.64	638.26	738.62	946.04	344.76	234.92	254.85	856.67	287.94	296.44	1134.18	1218.52		
30	691.64	707.18	372.21	1679.94	171.68	171.68	638.26	1079.17	267.09	353.82		1247.12		
31		946.04		668.57	193.18		1106.55		258.91	390.93		1290.47		
Total	21452.28	23117.09	19911.63	19651.66	6037.97	16720.20	39669.21	55486.55	60156.34	7701.50	18193.78	20937.85	309036.06	Ton/day
Mean	715.08	745.71	663.72	633.92	194.77	557.34	1279.65	1849.55	1940.53	248.44	627.37	675.41		Ton/day
Max	1624.31	1426.19	1774.16	2189.70	449.04	1373.79	3979.58	5438.89	7426.68	630.76	1479.30	1305.04	7426.68	Ton/day
Min	322.47	246.81	109.91	66.08	22.04	56.42	168.19	390.93	154.48	112.91	331.32	171.68	22.04	Ton/day

WATER YEAR : 2007

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-49		
Period of Available Records	2005-Cont' d		
Actual Measurement	2005-Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	21		
R-Square	0.7844		
Remarks	Continued Sediment Station		

$$QS = 0.8557 QW^{1.55620}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	13.02	23.92	16.71	13.91	15.75	20.71	25.02	35.72	36.99	56.39	27.28	165.83	
2	13.02	21.76	14.82	13.91	15.75	19.68	120.28	70.98	26.14	54.91	30.80	49.13	
3	13.02	14.82	18.67	13.02	14.82	17.68	38.28	51.99	25.02	85.00	34.47	36.99	
4	12.15	13.91	14.82	13.02	13.91	14.82	29.61	33.23	23.92	77.87	27.28	32.00	
5	12.15	16.71	21.76	12.15	13.02	23.92	25.02	32.00	23.92	112.58	26.14	29.61	
6	11.30	13.02	15.75	12.15	13.02	16.71	22.83	39.58	27.28	57.88	25.02	27.28	
7	11.30	12.15	20.71	15.75	13.02	21.76	28.44	43.58	170.22	50.55	25.02	26.14	
8	11.30	12.15	20.71	20.71	12.15	16.71	26.14	57.88	57.88	43.58	23.92	49.13	
9	10.47	11.30	20.71	18.67	12.15	15.75	22.83	813.95	47.72	39.58	23.92	33.23	
10	10.47	28.44	14.82	16.71	12.15	14.82	20.71	99.90	54.91	36.99	22.83	29.61	
11	10.47	40.90	14.82	15.75	12.15	13.91	18.67	66.51	60.00	35.72	22.83	27.28	
12	10.47	17.68	13.91	15.75	11.30	13.02	26.14	60.00	87.42	32.00	22.83	26.14	
13	19.68	14.82	13.02	13.91	11.30	15.75	23.92	54.91	365.26	30.80	21.76	25.02	
14	20.71	14.82	22.83	14.82	11.30	14.82	21.76	188.21	325.48	29.61	20.71	25.02	
15	18.67	13.91	14.82	13.02	16.71	44.95	20.71	87.42	734.31	28.44	20.71	25.02	
16	13.02	14.82	14.82	13.02	16.71	77.87	20.71	124.21	543.42	27.28	20.71	23.92	
17	12.15	25.02	13.91	13.02	38.28	140.34	22.83	97.35	382.81	27.28	20.71	21.76	
18	12.15	99.90	13.91	12.15	44.95	44.95	26.14	62.14	188.21	99.90	19.68	21.76	
19	11.30	26.14	29.61	14.82	26.14	32.00	43.58	54.91	365.26	87.42	19.68	21.76	
20	11.30	23.92	32.00	20.71	25.02	26.14	27.28	108.79	235.92	46.33	18.67	20.71	
21	10.47	18.67	18.67	15.75	43.58	22.83	46.33	64.31	148.67	38.28	18.67	19.68	
22	10.47	16.71	16.71	13.91	28.44	20.71	34.47	53.44	89.87	34.47	18.67	19.68	
23	10.47	17.68	14.82	89.87	21.76	19.68	29.61	43.58	70.98	32.00	18.67	19.68	
24	10.47	15.75	14.82	29.61	19.68	18.67	25.02	36.99	60.00	29.61	19.68	18.67	
25	10.47	14.82	16.71	32.00	17.68	30.80	33.23	34.47	51.99	27.28	21.76	22.83	
26	9.67	14.82	42.24	22.83	16.71	34.47	165.83	32.00	49.13	29.61	29.61	28.44	
27	9.67	13.91	22.83	23.92	15.75	25.02	70.98	33.23	46.33	29.61	20.71	27.28	
28	10.47	13.91	21.76	23.92	19.68	20.71	51.99	29.61	40.90	30.80	25.02	33.23	
29	12.15	22.83	16.71	19.68	35.72	18.67	35.72	28.44	38.28	30.80	112.58	99.90	
30	14.82	21.76	15.75	18.67	49.13	18.67	32.00	26.14	34.47	26.14		30.80	
31		21.76		16.71	25.02		30.80		33.23	26.14		27.28	
Total	367.25	652.73	564.15	603.84	642.75	836.54	1166.88	2565.47	4445.94	1394.85	760.34	1064.81	15065.55 Ton/day
Mean	12.24	21.06	18.81	19.48	20.73	27.88	37.64	85.52	143.42	45.00	26.22	34.35	Ton/day
Max	20.71	99.90	42.24	89.87	49.13	140.34	165.83	813.95	734.31	112.58	112.58	165.83	813.95 Ton/day
Min	9.67	11.30	13.02	12.15	11.30	13.02	18.67	26.14	23.92	26.14	18.67	18.67	9.67 Ton/day

WATER YEAR : 2007**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.DH - 59		
Period of Available Records	2003-Cont' d		
Actual Measurement	2003-Cont' d		
Using Rating Curve Water Year	2003-2007		
Number of observation	111		
R-Square	0.7222		
Remarks	Continued Sediment Station		

$$QS = 6.7939 QW^{1.18990}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.98	1.00	8.44	12.77	25.11	6.79	0.00	339.98	21.47	23.92	6.79	11.01	
2	2.98	4.07	7.61	12.77	23.13	6.79	0.00	143.75	21.47	21.47	6.79	11.01	
3	2.98	4.82	7.61	11.89	22.15	6.79	0.00	107.71	21.47	20.21	5.21	11.01	
4	2.98	4.82	53.89	11.89	22.15	6.79	0.00	81.27	20.21	20.21	5.21	11.01	
5	2.98	8.44	48.10	11.01	20.21	6.79	0.00	68.82	20.21	17.83	2.98	11.01	
6	2.98	10.14	40.68	11.01	18.30	6.79	0.00	128.10	67.42	15.50	2.98	11.01	
7	2.98	10.14	36.41	11.01	15.50	5.99	0.00	245.72	122.95	15.50	1.62	11.01	
8	2.28	9.28	45.02	11.01	15.50	5.99	0.00	133.28	99.59	11.89	1.62	11.01	
9	2.28	8.44	42.84	11.01	14.58	5.99	0.00	508.67	84.89	0.00	0.00	11.01	
10	2.28	8.44	40.68	11.01	14.58	4.82	0.00	271.01	68.82	8.44	0.00	9.28	
11	1.95	8.44	40.68	10.14	13.67	2.98	0.00	151.68	64.51	8.44	0.00	9.28	
12	1.95	7.61	39.61	10.14	13.67	2.98	0.00	135.89	107.71	6.79	0.00	9.28	
13	1.95	7.61	39.61	10.14	13.67	1.31	0.00	265.92	88.53	6.79	0.00	8.44	
14	1.95	6.79	43.93	10.14	12.77	0.00	0.00	125.52	92.19	6.79	0.00	8.44	
15	1.62	6.79	49.98	9.28	12.77	27.62	11.01	86.70	250.75	6.79	2.98	8.44	
16	1.62	6.79	63.93	9.28	12.77	15.50	11.01	84.89	170.43	5.99	5.21	7.61	
17	1.62	6.79	46.11	8.44	11.89	6.79	22.64	77.68	149.03	15.50	5.21	7.61	
18	1.31	6.79	43.93	8.44	10.14	0.00	21.47	77.68	141.12	50.31	5.99	6.79	
19	1.31	6.79	39.61	9.28	10.14	0.00	81.27	61.63	103.33	38.00	6.79	6.79	
20	1.31	6.79	35.36	20.21	9.28	0.00	90.36	57.29	84.89	17.83	6.79	5.21	
21	1.00	6.79	30.17	19.25	9.28	0.00	307.04	101.46	77.68	11.01	6.79	5.21	
22	1.00	6.79	25.11	19.25	6.79	0.00	149.03	70.58	67.42	8.44	6.79	5.21	
23	1.00	6.79	23.13	19.25	6.79	0.00	208.23	54.46	61.63	11.01	5.99	6.79	
24	1.00	6.79	20.21	32.23	6.79	0.00	143.75	46.11	54.46	11.01	5.99	6.79	
25	0.44	6.79	17.36	42.84	6.79	0.00	90.36	39.39	47.54	10.14	5.21	11.01	
26	0.44	6.79	17.36	46.11	8.44	0.00	103.33	27.62	47.54	11.01	8.44	21.47	
27	0.44	6.79	15.50	35.36	8.44	0.00	84.89	27.62	47.54	6.79	8.44	27.62	
28	0.00	6.79	15.50	30.17	6.79	0.00	72.34	27.62	40.68	6.79	12.77	21.47	
29	0.00	6.79	14.58	27.11	6.79	0.00	60.14	21.47	40.68	5.21	28.94	21.47	
30	0.00	6.79	14.58	25.11	6.79	0.00	43.38	21.47	34.10	6.79		13.67	
31		6.79		25.11	6.79		44.80		34.10	6.79		11.89	
Total	49.61	215.47	967.53	542.66	392.46	120.71	1545.05	3590.99	2354.36	413.19	155.53	338.86	10686.42 Ton/day
Mean	1.65	6.95	32.25	17.51	12.66	4.02	49.84	119.70	75.95	13.33	5.36	10.93	Ton/day
Max	2.98	10.14	63.93	46.11	25.11	27.62	307.04	508.67	250.75	50.31	28.94	27.62	508.67 Ton/day
Min	0.00	1.00	7.61	8.44	6.79	0.00	0.00	21.47	20.21	0.00	0.00	5.21	0.00 Ton/day

WATER YEAR : 2007**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-49					
Period of Available Records	2005 - Cont' d					
Actual Measurement	2005 - Cont' d					
Using Rating Curve Water Year	2005-2007					
Number of observation	89					
R-Square	0.7453					
Remarks	Continued Sediment Station					

QS = 6.4450 QW^{1.37000}**Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	6.27	62.49	8.46	7.34	7.34	6.27	6.98	174.52	56.06	26.67	12.48	25.13	
2	15.98	21.14	8.09	6.98	7.71	5.58	29.30	37.27	25.13	27.19	13.33	16.43	
3	9.62	21.14	7.34	6.62	7.34	6.98	14.20	52.92	20.66	24.62	13.33	13.33	
4	7.34	14.20	29.30	5.92	6.62	4.91	9.23	33.49	17.81	22.62	12.06	11.23	
5	6.62	10.82	14.20	5.92	5.92	4.59	7.71	25.64	16.43	21.63	11.64	11.23	
6	6.27	9.23	12.06	5.92	5.58	4.27	6.98	44.54	88.18	20.66	11.23	10.02	
7	5.92	8.09	11.64	6.27	5.24	4.27	6.27	90.88	170.45	19.69	11.23	10.02	
8	5.58	7.34	32.81	7.71	4.91	9.23	6.27	67.44	127.80	19.22	11.23	43.80	
9	5.58	8.09	18.75	9.62	4.59	5.58	5.58	300.04	51.37	19.22	10.82	24.62	
10	10.82	10.82	20.17	7.34	6.27	4.59	5.24	79.36	39.13	18.28	10.42	16.89	
11	11.64	10.42	36.00	6.62	5.92	4.27	5.58	47.54	40.42	17.35	10.02	14.20	
12	10.82	8.09	13.76	6.62	4.91	3.95	7.71	258.75	863.73	16.89	10.02	12.48	
13	10.02	7.71	11.23	7.71	4.91	3.72	13.76	101.87	138.00	15.98	9.62	11.64	
14	8.09	9.62	10.82	7.71	4.59	3.72	9.23	42.47	246.62	15.08	9.23	11.23	
15	7.71	8.09	12.06	6.62	4.91	7.71	17.35	30.37	2130.33	14.64	9.23	10.82	
16	6.98	13.76	14.20	5.92	4.91	9.62	8.85	27.19	1445.93	14.20	9.23	10.42	
17	6.27	24.12	11.23	5.58	6.62	12.48	8.09	27.71	194.40	17.81	8.85	10.02	
18	5.92	49.06	11.64	15.53	5.58	7.71	13.76	22.12	577.18	50.60	8.85	9.62	
19	5.92	23.61	13.76	8.46	8.85	6.27	39.85	50.60	140.43	78.49	8.46	9.23	
20	9.62	23.61	12.91	8.09	10.02	5.24	36.56	34.74	100.94	30.37	8.46	9.23	
21	5.58	19.22	10.02	12.06	6.62	4.91	112.24	27.19	81.10	23.11	8.46	8.85	
22	4.91	14.20	10.42	8.85	6.27	4.59	157.96	22.62	60.06	20.66	8.09	8.85	
23	4.27	29.83	9.62	17.81	5.24	4.27	37.84	19.69	49.06	18.28	8.46	8.46	
24	6.98	16.89	9.23	15.53	4.27	3.95	24.12	17.35	42.47	16.89	7.71	8.09	
25	7.34	12.48	9.62	16.89	11.64	4.91	20.66	15.98	37.84	15.98	17.81	8.09	
26	7.34	10.42	12.48	11.64	5.92	4.59	17.35	16.89	35.30	15.53	37.84	7.71	
27	5.58	9.23	10.82	15.98	5.24	4.91	15.08	24.12	34.05	15.53	14.20	7.71	
28	6.98	8.46	9.62	21.14	3.95	4.59	13.76	25.64	28.77	14.64	11.23	8.09	
29	8.85	8.09	8.09	15.08	7.71	5.24	11.64	19.22	27.19	14.20	28.77	8.46	
30	15.98	8.09	7.34	11.64	6.27	4.59	10.82	18.75	25.64	13.76		8.85	
31		8.85		9.62	10.42		11.64		34.74	13.33		9.23	
Total	236.80	497.21	407.69	304.74	196.29	167.51	691.61	1756.91	6947.22	673.12	352.31	383.98	12615.39 Tonday
Mean	7.89	16.04	13.59	9.83	6.33	5.58	22.31	58.56	224.10	21.71	12.15	12.39	Ton/day
Max	15.98	62.49	36.00	21.14	11.64	12.48	157.96	300.04	2130.33	78.49	37.84	43.80	2130.33 Ton/day
Min	4.27	7.34	7.34	5.58	3.95	3.72	5.24	15.98	16.43	13.33	7.71	7.71	3.72 Ton/day

WATER YEAR : 2007

THALE SAP SONGKHLA

Khlung Tamot at Ban Mae Khree , Phatthalung (X.267)

Lat 07 - 20 - 18 N Long 100 - 06 - 36 E

Location : on left bank at Ban Mae Khree.

	Ban Mae Khree	Amphoe Tamot	Changwat Phatthalung
Drainage Area	295 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	19		
R-Square	0.7044		
Remarks	Continued Sediment Station		

$$QS = 5.1802 QW^{1.15730}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	19.19	10.43	5.18	7.52	9.90	4.53	7.96	55.40	54.41	59.56	22.08		269.45
2	17.05	15.65	5.12	5.18	8.47	4.53	21.35	64.86	45.20	229.86	22.08		105.85
3	10.43	13.92	5.06	5.18	8.47	4.53	14.96	49.25	30.29	200.02	22.08		54.41
4	7.96	8.92	5.06	5.18	5.18	4.53	9.44	45.20	22.08	101.71	20.63		37.25
5	6.58	9.44	5.18	4.53	5.18	4.53	7.02	45.20	18.47	62.75	14.96		29.53
6	6.09	5.18	5.06	4.53	5.12	4.53	5.18	63.76	33.36	55.40	14.96		23.55
7	5.18	5.06	6.09	3.89	5.06	4.53	5.18	112.93	148.62	60.65	14.96		22.08
8	4.88	9.90	12.90	3.89	5.00	4.29	5.06	153.55	205.95	60.65	14.96		25.77
9	4.70	12.43	27.27	3.89	4.88	4.35	4.88	262.59	65.87	55.40	14.96		62.75
10	4.59	17.76	38.04	4.53	4.88	4.35	4.70	133.40	58.56	45.20	12.90		47.22
11	4.53	29.53	50.31	4.53	4.70	4.47	4.53	65.87	54.41	37.25	11.42		33.36
12	4.53	14.96	44.40	4.88	4.70	4.53	4.53	72.78	140.89	29.53	9.90		28.02
13	40.41	14.96	25.03	4.64	4.64	4.53	5.06	89.24	89.24	28.02	9.90		22.08
14	29.53	14.96	12.43	4.64	4.53	4.53	9.90	89.24	82.13	25.77	8.92		20.63
15	27.27	14.96	16.35	4.59	4.53	4.53	12.43	89.24	449.98	25.03	7.96		18.47
16	25.77	14.96	12.90	4.53	4.53	4.88	9.90	71.66	354.16	22.08	6.58		18.47
17	25.77	17.05	10.43	4.53	4.94	5.06	11.89	54.41	342.26	34.91	6.58		14.96
18	24.28	42.00	17.76	4.64	5.06	20.63	11.89	50.31	243.97	211.89	5.18		12.43
19	22.08	63.76	19.90	4.94	5.18	5.18	194.13	45.20	182.40	202.00	5.18		10.89
20	14.47	45.20	22.08	5.18	9.90	4.88	134.90	73.98	155.26	160.22	5.18		12.43
21	11.42	32.59	22.08	10.43	6.58	4.53	178.81	75.10	94.73	61.65	5.18		12.43
22	8.47	25.03	34.14	18.47	5.18	4.70	200.02	49.25	75.10	50.31	5.18		9.90
23	5.18	22.08	29.53	31.06	5.18	4.47	178.81	47.22	64.86	37.25	5.18		9.90
24	5.00	22.08	22.08	38.04	5.18	4.53	78.65	41.20	55.40	37.25	5.18		9.90
25	4.88	20.63	20.63	33.36	5.18	4.53	55.40	31.82	45.20	34.91	13.45		9.90
26	4.88	18.47	18.47	39.62	5.18	4.41	37.25	22.08	41.20	29.53	25.77	168.66	
27	4.82	9.90	14.47	39.62	5.18	4.53	35.69	53.34	37.25	25.77	19.19	115.76	
28	5.18	9.90	9.90	33.36	5.18	4.53	26.52	40.41	36.47	25.77	13.45	52.35	
29	5.18	8.92	8.92	26.52	5.18	4.53	22.08	29.53	29.53	22.08	264.84	34.14	
30	12.90	5.18	5.18	18.47	5.18	4.53	19.19	22.81	22.08	22.08		25.77	
31		5.18		11.42	5.18		14.96		20.63	22.08		22.08	
Total	373.20	560.99	531.95	395.79	173.23	153.21	1332.27	2100.83	3299.96	2076.58	608.79	1340.39	12947.19 Ton/day
Mean	12.44	18.10	17.73	12.77	5.59	5.11	42.98	70.03	106.45	66.99	20.99	43.24	Ton/day
Max	40.41	63.76	50.31	39.62	9.90	20.63	200.02	262.59	449.98	229.86	264.84	269.45	449.98 Ton/day
Min	4.53	5.06	5.06	3.89	4.53	4.29	4.53	22.08	18.47	22.08	5.18	9.90	3.89 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Trang River at Ban Tha Pradu , Trang (X.56)

Lat 07 - 46 - 01 N Long 99 - 32 - 25 E

Location : on left bank at Ban Tha Pradu.

	Ban Tha Pradu	Amphoe Huai Yot	Changwat Trang
Drainage Area	1,801 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	2004-2007		
Number of observation	92		
R-Square	0.7001		
Remarks	Continued Sediment Station		

$$QS = 0.6101 QW^{1.47830}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	30.98	142.47	81.44	82.32	220.81	142.47	57.89	254.66	80.56	52.08	36.43	84.09	
2	29.55	414.31	69.44	71.96	191.16	106.25	184.25	244.25	77.73	52.65	35.42	68.82	
3	29.07	355.16	66.33	65.11	157.46	83.20	321.72	494.74	75.79	59.66	34.91	71.96	
4	26.74	240.50	102.44	60.86	131.04	81.44	244.25	508.58	72.59	70.07	36.43	55.54	
5	24.48	289.38	133.10	57.30	112.04	100.55	147.77	317.62	68.82	75.15	36.43	44.84	
6	23.59	180.83	133.10	57.89	99.61	84.98	168.46	225.68	66.33	86.77	34.41	39.52	
7	22.28	97.74	102.44	165.13	90.38	71.33	332.06	257.85	67.57	91.29	33.42	36.94	
8	21.41	79.03	199.32	396.22	79.69	139.32	253.08	606.78	67.57	68.82	31.95	35.92	
9	20.56	118.93	207.59	275.58	74.51	130.02	367.97	808.12	68.19	60.86	31.46	35.42	
10	19.31	378.75	200.50	243.00	70.70	87.66	462.01	867.89	71.33	57.89	30.98	34.91	
11	18.90	620.30	319.67	355.16	65.11	71.96	257.85	775.10	78.38	53.23	30.50	34.41	
12	18.90	462.01	305.41	297.36	61.46	69.44	291.37	815.51	75.15	50.95	29.55	32.93	
13	18.90	226.90	199.32	224.46	59.66	72.59	334.14	661.40	75.79	48.70	29.07	32.44	
14	20.99	185.40	154.21	178.56	61.46	71.96	346.70	867.89	73.87	46.48	29.07	31.46	
15	22.71	154.21	185.40	156.37	65.72	71.96	338.31	871.68	130.02	44.30	28.13	30.02	
16	24.03	218.39	217.18	131.04	68.82	111.07	270.71	627.09	170.68	43.22	27.67	29.07	
17	23.15	556.57	355.16	117.94	76.44	245.50	332.06	522.55	138.28	42.69	27.67	27.67	
18	21.84	627.09	400.63	137.24	102.44	249.28	342.49	508.58	122.92	43.76	26.74	26.74	
19	21.41	568.07	323.78	141.42	225.68	157.46	685.77	396.22	134.13	55.54	26.28	26.28	
20	23.15	396.22	459.32	243.00	209.98	100.55	630.49	273.95	147.77	80.56	25.37	25.83	
21	22.71	270.71	389.64	407.26	211.17	76.44	553.71	259.44	131.04	63.27	24.92	25.37	
22	22.71	226.90	224.46	530.99	355.16	66.95	562.31	253.08	105.29	53.23	24.03	24.48	
23	23.15	169.57	158.55	600.06	226.90	60.86	448.59	201.67	87.66	48.14	23.15	24.03	
24	23.59	142.47	127.98	710.43	131.04	62.06	365.82	168.46	77.08	44.84	23.15	23.15	
25	24.48	117.94	120.92	789.72	92.20	92.20	568.07	143.53	70.70	43.22	24.48	22.71	
26	22.71	89.47	114.00	775.10	76.44	102.44	753.34	125.95	66.95	41.62	30.02	24.03	
27	21.84	73.87	162.93	661.40	69.44	99.61	710.43	114.98	67.57	40.04	47.03	42.69	
28	22.71	65.72	165.13	590.03	72.59	73.87	696.31	107.21	67.57	39.00	40.56	40.04	
29	26.28	63.27	150.98	593.37	169.57	61.46	596.71	95.88	62.06	37.96	53.80	43.22	
30	50.95	88.57	106.25	528.17	342.49	57.30	437.95	86.77	56.71	36.43		33.42	
31		111.07		305.41	248.02		319.67		54.38	36.94		29.55	
Total	723.08	7731.82	5936.62	9949.86	4219.19	3002.18	12382.26	12463.11	2710.48	1669.36	913.03	1137.50	62838.49 Tonday
Mean	24.10	249.41	197.89	320.96	136.10	100.07	399.43	415.44	87.43	53.85	31.48	36.69	Ton/day
Max	50.95	627.09	459.32	789.72	355.16	249.28	753.34	871.68	170.68	91.29	53.80	84.09	871.68 Ton/day
Min	18.90	63.27	66.33	57.30	59.66	57.30	57.89	86.77	54.38	36.43	23.15	22.71	18.90 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlung Nang Noi at Ban Thung Kling , Trang (X.128A)

Lat 07 - 35 - 28 N Long 99 - 44 - 13 E

Location : on right bank at Ban Thung Kling.

	Ban Thung Kling	Amphoe Na Yong	Changwat Trang
Drainage Area	75 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	25		
R-Square	0.8344		
Remarks	Continued Sediment Station		

$$QS = 5.3719 QW^{1.70900}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1.17	3.36	2.57	3.91	15.51	16.67	82.64	20.99	5.37	17.86	2.57	43.49	
2	0.98	2.37	2.37	3.06	11.99	21.64	453.26	16.09	5.10	12.90	2.57	9.78	
3	0.98	1.93	1.93	2.57	8.63	10.26	81.22	25.02	4.75	10.62	2.37	3.91	
4	0.98	2.12	2.12	2.37	7.44	7.44	33.14	18.47	4.75	12.38	2.12	3.59	
5	0.98	1.53	8.19	2.12	5.37	20.99	19.72	79.81	107.71	11.49	2.12	3.59	
6	0.98	0.85	5.74	1.93	6.42	10.62	77.02	35.12	56.20	11.11	1.93	3.36	
7	0.85	0.85	6.42	6.72	6.42	10.62	150.15	24.33	82.64	10.26	1.93	3.36	
8	0.85	0.69	12.90	5.37	6.03	8.63	293.44	59.89	78.41	8.97	1.93	3.06	
9	0.85	1.53	5.10	4.15	6.03	5.74	82.64	214.11	62.41	8.63	1.93	3.06	
10	0.85	22.30	3.36	4.49	5.37	4.75	72.91	66.27	30.27	5.37	1.93	3.06	
11	0.85	12.90	3.06	3.91	5.37	4.15	25.02	43.49	10.62	4.75	1.93	2.85	
12	0.69	5.37	3.06	3.59	5.10	3.91	26.60	33.14	6.72	4.75	1.93	2.57	
13	0.85	3.36	3.91	3.36	4.75	3.59	52.60	25.02	14.39	4.75	1.93	2.37	
14	0.98	2.85	9.43	3.36	4.75	4.75	38.17	33.14	13.30	4.75	1.93	2.12	
15	0.85	1.70	5.37	3.06	4.49	172.74	36.12	25.02	43.49	4.75	1.70	2.12	
16	0.85	1.53	4.49	3.06	5.74	801.13	26.60	22.97	32.17	4.49	1.70	2.12	
17	0.69	1.93	4.15	2.85	13.30	722.29	23.64	19.72	67.58	4.49	1.70	1.93	
18	0.69	0.09	7.44	3.06	50.26	92.88	23.64	16.09	44.59	12.38	1.70	1.70	
19	0.69	1.32	17.26	4.15	14.39	34.12	35.12	12.38	43.49	8.19	1.53	1.70	
20	0.69	4.49	24.33	3.59	17.26	17.86	68.89	19.09	32.17	5.37	1.32	1.53	
21	0.57	2.57	8.97	4.15	320.99	12.90	33.14	13.30	29.33	5.10	1.32	1.70	
22	0.57	2.37	5.74	11.49	137.23	11.11	39.21	11.49	19.09	5.10	1.32	1.70	
23	0.57	2.57	5.10	161.28	18.47	7.44	32.17	9.78	15.51	4.49	1.32	1.53	
24	0.47	3.06	4.15	57.42	14.95	9.78	25.72	8.19	12.38	4.15	1.32	1.53	
25	0.47	5.37	4.15	79.81	10.26	16.09	98.95	7.44	11.11	3.91	1.32	1.53	
26	0.47	2.85	241.47	23.64	5.37	22.30	733.54	6.72	12.90	3.91	4.15	1.53	
27	0.47	2.12	35.12	16.67	6.72	12.90	127.52	6.42	11.99	3.59	2.85	1.70	
28	0.47	2.57	16.67	19.72	36.12	8.97	61.15	6.42	9.78	3.36	3.91	1.53	
29	0.85	4.15	8.63	18.47	137.23	7.44	38.17	6.42	8.97	3.06	25.72	1.53	
30	2.85	4.75	5.37	26.60	310.54	58.65	38.17	6.03	8.63	2.85		1.53	
31		3.36		15.51	39.21		26.60		7.87	2.85		1.53	
Total	25.06	108.81	468.57	505.44	1241.71	2142.36	2956.88	892.37	893.69	210.63	82.00	118.61	9646.13 Tonday
Mean	0.84	3.51	15.62	16.30	40.06	71.41	95.38	29.75	28.83	6.79	2.83	3.83	Ton/day
Max	2.85	22.30	241.47	161.28	320.99	801.13	733.54	214.11	107.71	17.86	25.72	43.49	801.13 Ton/day
Min	0.47	0.09	1.93	1.93	4.49	3.59	19.72	6.03	4.75	2.85	1.32	1.53	0.09 Ton/day

WATER YEAR : 2007

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.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 59		
Period of Available Records	2003-Cont' d		
Actual Measurement	2003-Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	23		
R-Square	0.7127		
Remarks	Continued Sediment Station		

QS = 6.1990 QW^{1.12370}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	195.82	440.59	129.99	255.81	806.78	663.63	1936.68	1030.73	129.99	62.34	33.60	37.82		
2	177.58	365.06	124.16	208.08	518.15	610.27	6514.76	985.59	124.16	62.34	33.60	43.82		
3	147.64	300.81	124.16	195.82	415.06	597.01	3877.46	1910.48	118.36	68.66	37.82	71.85		
4	129.99	300.81	118.36	208.08	365.06	887.57	2698.43	887.57	112.59	65.49	35.70	75.05		
5	124.16	319.02	118.36	238.05	337.36	774.71	1624.98	695.17	101.16	62.34	35.70	81.49		
6	112.59	282.71	118.36	328.18	282.71	623.57	1702.33	583.79	97.85	62.34	35.70	62.34		
7	101.16	291.75	112.59	650.25	246.91	531.21	3317.54	505.13	94.55	59.21	35.70	49.91		
8	94.55	300.81	112.59	466.29	220.43	479.20	2698.43	518.15	91.27	59.21	37.82	52.99		
9	91.27	300.81	118.36	887.57	214.24	453.42	1446.08	570.59	81.49	59.21	35.70	62.34		
10	101.16	492.14	141.73	3756.68	201.94	427.80	985.59	392.99	75.05	68.66	35.70	52.99		
11	94.55	1098.85	159.54	2732.45	183.63	415.06	855.15	392.99	68.66	65.49	35.70	56.09		
12	101.16	726.87	147.64	1522.47	177.58	544.30	711.00	392.99	59.21	65.49	33.60	78.26		
13	124.16	505.13	147.64	1832.11	183.63	3837.16	663.63	355.80	52.99	59.21	31.51	91.27		
14	165.53	392.99	141.73	1446.08	319.02	1884.32	1076.09	319.02	49.91	52.99	31.51	84.74		
15	264.75	337.36	141.73	1076.09	309.90	7008.20	1936.68	319.02	46.86	49.91	31.51	78.26		
16	300.81	505.13	189.71	806.78	4120.26	4936.32	1144.53	383.65	43.82	46.86	33.60	65.49		
17	346.56	492.14	282.71	583.79	7444.66	8215.20	806.78	346.56	43.82	46.86	31.51	46.86		
18	328.18	466.29	273.71	492.14	6453.37	4435.68	806.78	328.18	40.81	46.86	35.70	33.60		
19	282.71	453.42	374.34	466.29	5249.83	2937.52	1053.39	309.90	37.82	52.99	37.82	33.60		
20	220.43	392.99	1053.39	557.43	5921.52	1754.12	1076.09	365.06	37.82	49.91	35.70	33.60		
21	208.08	264.75	1008.13	1754.12	11297.87	1305.94	822.87	518.15	35.70	49.91	33.60	31.51		
22	208.08	177.58	531.21	1446.08	5752.77	742.78	570.59	402.35	35.70	46.86	29.43	31.51		
23	238.05	177.58	402.35	1624.98	2971.85	492.14	663.63	337.36	33.60	46.86	27.38	29.43		
24	183.63	159.54	282.71	1121.67	1624.98	1053.39	492.14	264.75	33.60	43.82	25.33	29.43		
25	171.54	135.84	291.75	1399.20	1144.53	1910.48	466.29	238.05	33.60	43.82	27.38	35.70		
26	183.63	124.16	415.06	920.12	936.44	4300.19	415.06	214.24	68.66	40.81	33.60	43.82		
27	246.91	124.16	806.78	742.78	790.72	1780.08	3917.82	189.71	147.64	40.81	33.60	52.99		
28	229.22	147.64	544.30	903.83	679.38	1030.73	1780.08	171.54	87.99	37.82	37.82	59.21		
29	282.71	135.84	374.34	597.01	742.78	806.78	1522.47	159.54	78.26	35.70	37.82	46.86		
30	346.56	159.54	300.81	623.57	1076.09	758.72	952.79	147.64	68.66	35.70		46.86		
31		141.73		544.30	822.87		806.78		62.34	33.60		62.34		
Total	5803.17	10514.04	9088.24	30388.10	61812.32	56197.50	49342.92	14236.69	2193.94	1622.08	981.16	1662.03	243842.19	Ton/day
Mean	193.44	339.16	302.94	980.26	1993.95	1873.25	1591.71	474.56	70.77	52.33	33.83	53.61		Ton/day
Max	346.56	1098.85	1053.39	3756.68	11297.87	8215.20	6514.76	1910.48	147.64	68.66	37.82	91.27	11297.87	Ton/day
Min	91.27	124.16	112.59	195.82	177.58	415.06	415.06	147.64	33.60	33.60	25.33	29.43	25.33	Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Thalang at Ban Don, Phuket (X.189)

Lat 08 - 00 - 56 N Long 98 - 19 - 05 E

Location : on right bank at the bridge about 3 kilometers from Thalang crossroad.

	Ban Don	Amphoe Thalang	Changwat Phuket
Drainage Area	45 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.DH - 59		
Period of Available Records	2007-Cont' d		
Actual Measurement	2007-Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	19		
R-Square	0.7385		
Remarks	Continued Sediment Station		

QS = 2.6881 QW^{1.83580}

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.20	27.09	9.16	6.01	7.91	40.12	31.02	4.66	2.84	0.62	0.14	0.09	
2	0.14	23.80	7.91	5.32	7.12	31.02	48.61	3.47	2.40	0.62	0.14	0.09	
3	0.09	23.80	7.91	4.99	6.74	35.52	40.12	15.10	2.40	0.57	0.14	0.09	
4	0.05	15.97	24.87	4.05	5.32	67.54	28.23	15.97	2.26	0.50	0.14	0.09	
5	0.04	13.41	94.44	2.69	5.32	48.61	29.69	11.81	2.26	0.35	0.14	0.09	
6	0.03	10.31	87.33	2.40	4.05	25.97	38.62	13.41	1.87	0.29	0.14	0.09	
7	0.12	23.80	10.31	3.20	0.65	19.71	45.16	6.01	1.74	0.90	0.14	0.09	
8	0.17	27.09	7.51	2.54	1.51	15.10	27.09	2.54	1.74	0.90	0.14	0.09	
9	0.26	20.70	7.12	2.26	3.47	13.41	23.80	5.66	1.62	0.62	0.14	0.09	
10	0.41	27.09	6.01	2.94	4.99	13.41	21.71	5.32	1.74	0.35	0.14	0.09	
11	3.76	14.24	4.66	16.87	4.66	11.81	19.71	15.10	1.87	0.29	0.14	0.09	
12	4.05	9.60	3.76	11.05	4.66	12.60	6.01	6.01	1.99	0.29	0.14	0.09	
13	11.05	8.73	3.76	8.73	4.66	41.83	1.99	2.54	1.51	0.26	0.12	0.09	
14	15.97	8.32	4.66	7.51	4.66	23.80	1.74	1.18	1.32	0.26	0.12	0.09	
15	19.71	11.81	4.35	7.12	7.51	67.54	3.76	0.37	1.22	0.18	0.12	0.09	
16	24.87	23.80	11.81	7.12	15.97	101.80	3.20	0.17	1.22	0.18	0.12	0.09	
17	11.81	23.80	15.97	6.74	21.71	400.14	11.05	0.05	1.22	0.14	0.12	0.09	
18	8.73	15.10	15.10	7.91	64.57	223.07	4.05	0.01	1.22	0.14	0.12	0.09	
19	8.73	11.81	23.80	15.97	77.26	70.79	6.01	0.01	1.32	0.14	0.12	0.09	
20	7.91	9.16	27.09	14.24	40.12	32.54	1.62	0.00	1.15	0.14	0.12	0.09	
21	6.37	13.41	18.74	20.70	23.80	24.87	1.29	0.00	0.90	0.14	0.09	0.09	
22	6.37	9.16	11.81	7.91	16.87	20.70	0.50	8.99	0.84	0.14	0.09	0.09	
23	6.37	7.91	9.16	15.97	11.81	19.71	0.46	8.40	0.75	0.14	0.09	0.09	
24	6.01	7.51	7.91	12.60	10.31	18.74	0.46	7.27	0.62	0.14	0.09	0.09	
25	7.51	6.74	11.81	14.24	14.24	67.54	0.57	6.23	0.62	0.14	0.09	0.09	
26	8.73	6.01	14.24	9.16	8.73	389.14	6.74	5.52	0.62	0.14	0.09	0.09	
27	7.51	5.66	10.31	8.32	7.91	257.40	19.71	4.60	0.57	0.14	0.09	0.09	
28	7.51	5.66	8.32	10.31	8.73	52.17	41.83	3.81	0.57	0.14	0.09	0.09	
29	7.12	21.71	6.37	13.41	28.23	41.83	23.80	3.47	0.50	0.14	0.09	0.09	
30	10.31	19.71	6.37	8.73	236.54	41.83	27.09	3.31	0.50	0.14		0.09	
31		17.80		8.32	117.27		12.60		0.57	0.14		0.09	
Total	191.91	470.71	482.57	269.33	777.30	2230.26	528.24	160.99	41.97	9.28	3.45	2.79	5168.80 Ton/day
Mean	6.40	15.18	16.09	8.69	25.07	74.34	17.04	5.37	1.35	0.30	0.12	0.09	Ton/day
Max	24.87	27.09	94.44	20.70	236.54	400.14	48.61	15.97	2.84	0.90	0.14	0.09	400.14 Ton/day
Min	0.03	5.66	3.76	2.26	0.65	11.81	0.46	0.00	0.50	0.14	0.09	0.09	0.00 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlong Bang Yai at Ban Ket Ho , Phuket (X.190A)

Lat 07 - 54 - 13 N Long 98 - 21 - 02 E

Location : on left bank at Ban Ket Ho.

	Ban Ket Ho	Amphoe Kathu	Changwat Phuket
Drainage Area	28 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2006-Cont'd		
Actual Measurement	2006-Cont'd		
Using Rating Curve Water Year	2006-2007		
Number of observation	45		
R-Square	0.7100		
Remarks	Continued Sediment Station		

$$QS = 6.2761 QW^{1.35880}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.08	3.87	1.01	1.45	2.99	20.39	71.62	29.58	8.50	3.50	0.35	0.52	
2	0.05	7.06	0.90	1.22	2.79	26.42	71.62	24.81	8.04	1.45	0.27	0.52	
3	0.14	3.87	0.80	1.11	2.65	29.58	29.58	26.42	2.79	1.22	0.61	0.52	
4	0.14	43.83	1.22	1.01	2.65	23.35	16.10	23.35	1.11	1.45	0.61	0.52	
5	0.14	33.63	1.11	0.90	2.45	18.89	10.89	37.82	1.45	1.11	0.61	0.52	
6	0.14	10.40	1.11	0.90	2.18	10.40	13.43	21.80	2.79	0.61	0.52	0.52	
7	0.14	6.79	1.22	0.90	1.81	9.44	23.35	18.89	5.03	3.14	0.52	0.52	
8	0.14	4.25	1.11	0.90	1.81	6.28	17.53	16.10	0.14	0.80	0.52	0.52	
9	0.14	12.29	1.11	0.90	1.69	1.93	13.43	18.89	21.44	0.43	0.70	0.43	
10	0.14	32.84	1.01	2.45	1.57	0.35	9.91	18.89	14.80	0.43	0.61	0.43	
11	1.69	26.92	1.11	2.18	1.57	1.69	8.96	24.81	1.22	1.45	0.61	0.43	
12	2.18	10.11	1.01	2.06	1.57	0.52	8.96	20.39	42.13	1.33	0.61	0.43	
13	0.61	3.35	1.01	1.81	1.33	10.89	7.59	16.10	34.57	1.22	0.52	0.43	
14	0.27	3.14	1.01	1.81	1.81	27.93	10.40	13.43	31.92	1.01	0.52	0.43	
15	0.20	1.81	1.22	1.69	2.06	264.65	8.50	3.14	2.18	0.90	0.43	0.43	
16	0.17	1.93	1.57	1.69	0.52	62.54	6.71	0.00	2.79	1.01	0.35	0.35	
17	0.17	0.90	1.93	1.45	10.89	110.95	5.44	13.43	2.79	1.11	0.35	0.35	
18	0.14	1.11	3.87	1.22	39.61	32.84	6.71	13.43	2.79	1.01	0.35	0.35	
19	0.14	1.11	43.83	1.11	41.28	24.81	16.10	9.44	2.18	0.90	0.35	0.27	
20	0.14	1.01	30.23	1.11	31.13	14.80	10.89	1.33	2.18	0.80	0.35	0.27	
21	0.11	0.80	4.63	1.22	36.18	10.40	9.44	1.45	2.06	0.80	0.35	0.24	
22	0.11	0.70	2.45	1.22	16.10	8.50	8.04	2.18	3.50	0.70	0.35	0.24	
23	0.11	0.52	2.06	42.13	5.44	7.14	4.63	0.61	13.53	0.61	0.35	0.24	
24	0.08	0.43	1.93	7.06	0.05	6.28	24.81	3.14	0.20	0.61	0.43	0.24	
25	0.08	0.43	1.93	4.09	24.81	12.19	58.04	0.70	0.90	0.52	0.52	0.24	
26	16.10	0.35	1.93	5.28	7.14	32.84	95.59	0.00	0.80	0.52	0.52	0.20	
27	0.80	0.27	1.81	5.03	1.81	14.80	36.18	0.90	3.35	0.43	0.52	0.11	
28	0.20	0.43	1.81	3.72	12.19	1.45	41.28	0.43	1.93	0.43	0.52	0.11	
29	0.80	0.80	1.69	3.87	53.79	0.61	53.79	0.00	1.57	0.43	0.52	0.11	
30	1.01	1.45	1.57	4.25	71.62	29.58	39.61	5.44	2.18	0.35		0.08	
31		1.57		2.99	23.35		32.84		2.65	0.35		1.45	
Total	26.36	217.97	119.20	108.73	406.84	822.44	771.97	366.90	223.51	30.63	13.84	12.02	3120.41 Ton/day
Mean	0.88	7.03	3.97	3.51	13.12	27.41	24.90	12.23	7.21	0.99	0.48	0.39	Ton/day
Max	16.10	43.83	43.83	42.13	71.62	264.65	95.59	37.82	42.13	3.50	0.70	1.45	264.65 Ton/day
Min	0.05	0.27	0.80	0.90	0.05	0.35	4.63	0.00	0.14	0.35	0.27	0.08	0.00 Ton/day

WATER YEAR : 2007

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 - 59		
Period of Available Records	2003-Cont' d		
Actual Measurement	2003-Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	24		
R-Square	0.7170		
Remarks	Continued Sediment Station		

$$QS = 12.5460 QW^{1.29110}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.88	11.11	11.11	5.93	7.48	68.41	196.42	179.72	10.02	4.99	2.88	3.23	
2	2.88	31.30	7.48	5.53	6.91	213.75	285.53	186.24	10.02	5.53	3.23	3.72	
3	42.65	27.18	5.93	4.60	6.91	118.15	121.12	166.83	11.11	5.53	5.53	2.88	
4	7.48	70.56	5.93	3.72	6.49	98.93	88.23	112.54	11.11	5.53	3.72	2.88	
5	5.53	31.30	5.93	4.09	6.91	70.56	68.41	88.23	5.93	6.49	2.88	2.88	
6	6.49	11.11	5.93	3.72	5.93	55.19	115.47	66.05	7.48	5.53	3.23	2.88	
7	5.93	15.71	5.93	4.60	5.53	40.53	96.10	48.72	7.92	8.95	2.88	2.43	
8	5.53	12.22	6.49	6.91	4.60	31.30	70.56	63.93	6.49	5.93	2.88	2.43	
9	4.99	31.30	6.49	7.92	4.09	28.54	59.53	50.93	7.92	5.93	2.88	3.23	
10	4.60	21.91	6.49	12.22	3.72	24.51	44.58	132.58	7.48	6.49	2.88	2.88	
11	16.91	13.36	7.48	8.95	3.23	19.37	31.30	123.82	5.93	28.54	3.23	2.43	
12	31.30	10.02	7.92	7.48	3.72	40.53	42.65	66.05	25.84	5.93	2.88	2.43	
13	8.95	8.95	7.48	7.92	3.72	46.75	34.72	48.72	14.52	5.53	3.23	2.88	
14	6.91	7.92	6.91	7.48	6.49	80.26	38.64	38.64	11.11	4.60	2.43	2.88	
15	5.93	12.22	5.93	6.49	4.99	342.08	36.57	31.30	19.37	4.99	3.23	2.43	
16	38.64	55.19	5.93	6.49	61.61	224.55	34.72	18.13	8.95	4.60	2.88	2.88	
17	11.11	14.52	13.36	6.91	21.91	289.79	29.91	29.91	7.92	4.60	2.88	2.88	
18	6.49	8.95	8.95	7.92	182.97	135.62	46.75	28.54	7.92	5.93	2.88	2.43	
19	5.93	6.91	57.24	7.92	166.83	66.05	44.58	24.51	6.91	5.53	2.43	2.88	
20	4.99	5.53	15.71	5.93	160.47	63.93	32.70	24.51	6.49	4.99	2.88	2.88	
21	4.99	5.53	7.92	23.20	123.82	48.72	25.84	21.91	5.53	4.99	2.88	2.88	
22	5.53	6.49	7.48	7.92	48.72	42.65	23.20	21.91	5.93	4.99	2.88	2.88	
23	5.93	5.93	6.49	96.10	23.20	36.57	15.71	18.13	5.93	4.09	2.88	2.88	
24	4.60	5.93	5.93	13.36	14.52	32.70	176.47	20.63	5.53	4.09	2.88	3.23	
25	4.99	4.99	5.93	10.02	48.72	68.41	109.89	25.84	4.60	3.72	2.43	2.88	
26	61.61	5.53	5.93	7.92	18.13	154.17	246.20	20.63	4.99	3.23	2.88	2.88	
27	10.02	5.93	6.49	6.91	11.11	68.41	311.34	14.52	4.99	3.23	2.43	3.23	
28	8.95	5.53	5.93	7.92	19.37	32.70	235.16	7.48	4.99	2.88	2.43	3.72	
29	6.49	27.18	5.53	6.91	246.20	25.84	112.54	6.91	4.60	2.88	2.88	3.23	
30	6.49	28.54	5.53	7.48	176.47	132.58	115.47	6.91	4.60	2.88		2.88	
31		29.91		8.95	77.81		98.93		4.60	3.23		2.88	
Total	345.72	538.76	267.78	329.42	1482.58	2701.55	2989.24	1694.77	256.73	176.35	86.51	90.01	10959.42 Ton/day
Mean	11.52	17.38	8.93	10.63	47.83	90.05	96.43	56.49	8.28	5.69	2.98	2.90	Ton/day
Max	61.61	70.56	57.24	96.10	246.20	342.08	311.34	186.24	25.84	28.54	5.53	3.72	342.08 Ton/day
Min	2.88	4.99	5.53	3.72	3.23	19.37	15.71	6.91	4.60	2.88	2.43	2.43	2.43 Ton/day

WATER YEAR : 2007

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.D - 49		
Period of Available Records	2003 - Cont' d		
Actual Measurement	2003 - Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	19		
R-Square	0.7076		
Remarks	Continued Sediment Station		

$$QS = 17.9960 QW^{1.11410}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	61.20	288.07	208.11	223.63	450.48	373.14	1138.17	540.56	187.61	89.03	58.93	61.20	
2	52.18	202.97	197.83	244.49	411.62	344.54	2149.95	540.56	177.44	89.03	58.93	89.03	
3	47.73	192.71	192.71	228.82	335.05	316.18	1464.75	632.22	167.34	89.03	56.67	79.64	
4	47.73	363.58	177.44	213.27	278.77	666.95	1105.72	655.35	157.29	79.64	56.67	70.36	
5	56.67	239.25	213.27	269.49	260.25	484.06	797.34	517.89	157.29	79.64	56.67	70.36	
6	61.20	187.61	239.25	597.68	249.73	316.18	1411.06	472.84	157.29	79.64	56.67	58.93	
7	93.77	223.63	278.77	517.89	239.25	269.49	4445.31	450.48	157.29	79.64	56.67	54.42	
8	79.64	297.41	218.44	421.30	316.18	244.49	1170.72	411.62	157.29	79.64	54.42	52.18	
9	56.67	401.96	187.61	917.95	297.41	234.03	904.46	363.58	157.29	79.64	54.42	47.73	
10	208.11	837.35	177.44	1170.72	278.77	239.25	678.57	335.05	157.29	79.64	54.42	43.32	
11	172.38	704.80	177.44	1203.36	254.98	260.25	586.21	316.18	157.29	79.64	54.42	61.20	
12	117.80	472.84	187.61	917.95	218.44	643.78	609.17	316.18	157.29	79.64	54.42	65.76	
13	122.67	335.05	197.83	731.12	218.44	1536.66	731.12	316.18	157.29	79.64	54.42	117.80	
14	137.40	316.18	223.63	744.31	260.25	757.53	731.12	316.18	157.29	79.64	54.42	89.03	
15	122.67	325.60	249.73	586.21	260.25	2849.20	850.73	316.18	157.29	74.98	54.42	74.98	
16	137.40	373.14	254.98	540.56	1304.30	2058.53	823.99	297.41	147.31	70.36	54.42	61.20	
17	157.29	297.41	218.44	461.65	2622.81	2899.76	731.12	297.41	137.40	70.36	54.42	58.93	
18	147.31	278.77	223.63	392.33	1838.26	1554.69	632.22	278.77	127.56	70.36	52.18	52.18	
19	137.40	249.73	574.76	316.18	2572.77	1518.65	609.17	260.25	84.32	70.36	52.18	49.95	
20	127.56	234.03	1089.53	517.89	2823.95	891.00	586.21	260.25	79.64	61.20	52.18	49.95	
21	127.56	213.27	551.94	731.12	6134.58	704.80	563.34	411.62	79.64	65.76	52.18	54.42	
22	117.80	202.97	392.33	643.78	2058.53	597.68	540.56	382.72	79.64	61.20	52.18	54.42	
23	157.29	187.61	325.60	877.55	1219.71	586.21	517.89	316.18	79.64	61.20	52.18	54.42	
24	197.83	177.44	278.77	704.80	837.35	655.35	472.84	260.25	79.64	61.20	49.95	56.67	
25	187.61	167.34	297.41	1025.03	632.22	1482.70	392.33	249.73	79.64	58.93	52.18	61.20	
26	177.44	157.29	691.67	666.95	529.21	1446.83	325.60	239.25	89.03	58.93	172.38	58.93	
27	197.83	147.31	632.22	678.57	392.33	757.53	1428.93	228.82	127.56	58.93	89.03	56.67	
28	202.97	157.29	495.31	678.57	344.54	586.21	731.12	218.44	112.95	58.93	61.20	56.67	
29	223.63	157.29	325.60	609.17	484.06	529.21	620.68	208.11	103.31	58.93	61.20	61.20	
30	461.65	157.29	234.03	597.68	632.22	563.34	529.21	197.83	84.32	58.93		70.36	
31		208.11		586.21	472.84		517.89		89.03	58.93		79.64	
Total	4196.39	8755.30	9713.33	19016.23	29229.55	26368.22	28797.50	10608.09	4000.50	2222.62	1744.43	1972.75	146624.91 Ton/day
Mean	139.88	282.43	323.78	613.43	942.89	878.94	928.95	353.60	129.05	71.70	60.15	63.64	Ton/day
Max	461.65	837.35	1089.53	1203.36	6134.58	2899.76	4445.31	655.35	187.61	89.03	172.38	117.80	6134.58 Ton/day
Min	47.73	147.31	177.44	213.27	218.44	234.03	325.60	197.83	79.64	58.93	49.95	43.32	43.32 Ton/day

WATER YEAR : 2007

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 Ranong
Drainage Area	23 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	2003-2007		
Number of observation	100		
R-Square	0.7061		
Remarks	Continued Sediment Station		

$$QS = 21.7690 QW^{1.34690}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	42.73	37.25	108.70	170.02	73.98	372.82	0.00	75.59	53.89	43.78	43.78	
2	0.00	31.64	37.25	101.66	101.66	67.23	891.42	0.00	75.59	53.89	43.78	43.78	
3	0.00	0.00	37.25	73.98	101.66	61.04	1094.44	0.00	75.59	53.89	43.78	43.78	
4	0.00	54.63	37.25	266.38	101.66	48.77	1184.63	0.00	64.50	53.89	43.78	43.78	
5	0.00	67.23	37.25	450.30	94.32	42.73	579.32	0.00	64.50	53.89	43.78	43.78	
6	0.00	94.32	37.25	977.12	94.32	42.73	2121.25	0.00	64.50	53.89	43.78	43.78	
7	0.00	73.98	37.25	1184.63	67.23	67.23	492.37	0.00	64.50	53.89	43.78	43.78	
8	0.00	73.98	37.25	1124.30	87.54	73.98	196.41	0.00	64.50	53.89	43.78	43.78	
9	0.00	73.98	26.59	1433.80	977.12	73.98	157.21	0.00	64.50	53.89	43.78	43.78	
10	0.00	209.96	16.94	1184.63	624.13	73.98	67.23	0.00	64.50	53.89	43.78	43.78	
11	0.00	624.13	16.94	624.13	409.22	73.98	37.25	0.00	64.50	53.89	64.50	43.78	
12	0.00	341.48	16.94	1064.79	87.54	73.98	37.25	0.00	64.50	53.89	75.59	43.78	
13	0.00	281.02	16.94	977.12	101.66	73.98	42.73	0.00	64.50	53.89	64.50	43.78	
14	0.00	101.66	16.94	716.25	863.32	450.30	37.25	0.00	64.50	43.78	64.50	43.78	
15	0.00	73.98	21.48	669.78	492.37	132.38	42.73	0.00	53.89	43.78	64.50	43.78	
16	0.00	73.98	26.59	492.37	1124.30	556.91	42.73	0.00	53.89	43.78	64.50	43.78	
17	0.00	73.98	31.64	310.87	624.13	787.05	26.59	0.00	53.89	43.78	64.50	43.78	
18	0.00	54.63	61.04	295.85	646.50	601.27	16.94	0.00	64.50	43.78	64.50	43.78	
19	0.00	48.77	266.38	157.21	835.44	388.75	16.94	0.00	64.50	43.78	64.50	43.78	
20	0.00	48.77	144.66	132.38	492.37	170.02	310.87	0.00	64.50	43.78	64.50	43.78	
21	0.00	48.77	87.54	108.70	535.39	266.38	16.94	0.00	53.89	43.78	64.50	43.78	
22	0.00	48.77	37.25	120.39	556.91	266.38	16.94	87.12	53.89	43.78	75.59	43.78	
23	0.00	48.77	31.64	132.38	310.87	223.74	132.38	87.12	53.89	43.78	64.50	43.78	
24	0.00	48.77	42.73	73.98	108.70	170.02	341.48	87.12	53.89	43.78	64.50	43.78	
25	0.00	48.77	101.66	73.98	170.02	310.87	108.70	87.12	53.89	43.78	64.50	43.78	
26	0.00	48.77	1370.37	73.98	170.02	341.48	67.23	75.59	53.89	43.78	64.50	43.78	
27	0.00	26.59	579.32	73.98	80.48	295.85	48.77	75.59	53.89	43.78	64.50	43.78	
28	0.00	31.64	281.02	73.98	73.98	209.96	48.77	75.59	53.89	43.78	53.89	43.78	
29	31.64	26.59	170.02	73.98	67.23	108.70	21.48	75.59	53.89	43.78	113.16	43.78	
30	42.73	26.59	120.39	73.98	73.98	310.87	16.94	75.59	53.89	43.78		43.78	
31		31.64		80.48	80.48		8.56		53.89	43.78		43.78	
Total	74.37	2880.52	3783.02	13306.06	10324.57	6438.52	8596.57	726.43	1884.23	1488.61	1723.53	1357.18	52583.61 Tonday
Mean	2.48	92.92	126.10	429.23	333.05	214.62	277.31	24.21	60.78	48.02	59.43	43.78	Ton/day
Max	42.73	624.13	1370.37	1433.80	1124.30	787.05	2121.25	87.12	75.59	53.89	113.16	43.78	2121.25 Ton/day
Min	0.00	0.00	16.94	73.98	67.23	42.73	8.56	0.00	53.89	43.78	43.78	43.78	0.00 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khlung 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.D-49		
Period of Available Records	2004-Cont' d		
Actual Measurement	2004-Cont' d		
Using Rating Curve Water Year	2007		
Number of observation	20		
R-Square	0.7815		
Remarks	Continued Sediment Station		

$$QS = 25.7970 QW^{1.68590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	1561.01	307.61	1847.92	2396.35	18399.11	2314.48	5885.99	2314.48	1425.01	193.08	51.10	51.10	
2	2193.85	2037.13	1262.18	2479.37	4549.12	2314.48	22538.87	2314.48	1702.01	193.08	51.10	51.10	
3	2075.86	1358.91	1294.10	2591.85	9584.04	2314.48	29755.72	2314.48	1391.80	193.08	51.10	51.10	
4	1561.01	2314.48	1262.18	7337.96	3122.82	2314.48	23888.74	2881.87	1738.03	193.08	51.10	51.10	
5	1561.01	21.60	1047.92	8430.55	2273.98	2314.48	20722.91	3184.28	1391.80	193.08	51.10	51.10	
6	1561.01	7490.26	1595.79	29373.78	2273.98	2648.85	183988.32	3122.82	1922.70	193.08	1391.80	51.10	
7	1561.01	2881.87	1595.79	30139.66	2706.36	2648.85	42923.08	4911.50	1922.70	164.42	877.37	51.10	
8	1561.01	2114.90	255.89	128863.63	2881.87	2648.85	10975.05	6307.88	1391.80	164.42	1885.16	1492.38	
9	1561.01	1561.01	69.49	28615.94	12847.31	2396.35	1922.70	3122.82	796.77	164.42	1738.03	645.20	
10	1561.01	6888.75	90.12	38742.75	98961.50	3858.68	6025.30	14350.60	1137.76	164.42	1425.01	597.59	
11	2075.86	3371.58	485.18	32485.15	8112.10	2706.36	6451.14	13093.15	1630.89	164.42	1326.35	597.59	
12	2114.90	3693.35	1199.31	15127.45	5190.65	2437.71	1458.54	4198.12	1561.01	164.42	1458.54	597.59	
13	3434.97	3775.64	1702.01	27124.54	8430.55	2764.36	2764.36	9584.04	1998.69	744.81	1199.31	597.59	
14	5003.85	3693.35	1998.69	21926.66	10269.96	8270.70	3246.23	8430.55	1630.89	164.42	1458.54	597.59	
15	5003.85	1847.92	904.94	13590.50	8917.53	2941.37	2822.87	6741.58	1458.54	164.42	1358.91	597.59	
16	1526.54	1666.29	770.61	10269.96	12603.37	3246.23	1922.70	2648.85	904.94	164.42	1595.79	597.59	
17	2037.13	904.94	1137.76	8270.70	48952.23	3184.28	1922.70	2355.27	961.11	164.42	42.79	597.59	
18	2233.77	1666.29	1666.29	4372.19	6595.71	11699.07	1922.70	2273.98	1047.92	90.12	239.51	1458.54	
19	5476.05	2075.86	1294.10	6307.88	5003.85	12847.31	1922.70	1810.99	669.55	90.12	382.48	1458.54	
20	989.70	1526.54	932.85	5096.90	5885.99	3942.45	2233.77	1810.99	823.29	90.12	904.94	1425.01	
21	1458.54	2037.13	719.36	3246.23	3693.35	6165.93	1922.70	3498.85	597.59	178.51	1630.89	1326.35	
22	1294.10	1458.54	597.59	551.49	3628.04	7643.83	3942.45	6307.88	551.49	90.12	2193.85	989.70	
23	112.87	669.55	325.70	1738.03	3371.58	6451.14	2706.36	2706.36	223.58	90.12	2193.85	1168.37	
24	112.87	1047.92	208.10	1738.03	2314.48	6451.14	114603.23	6741.58	193.08	90.12	1666.29	1326.35	
25	112.87	363.14	51.10	1885.16	3858.68	7954.75	52038.62	6595.71	307.61	90.12	904.94	1425.01	
26	112.87	51.10	18116.58	932.85	2881.87	5476.05	6165.93	2941.37	208.10	90.12	796.77	1526.54	
27	112.87	363.14	2075.86	2706.36	3246.23	11699.07	6741.58	7643.83	208.10	90.12	621.21	1666.29	
28	112.87	363.14	1774.35	5611.36	3122.82	8430.55	6025.30	2396.35	208.10	90.12	239.51	1561.01	
29	112.87	363.14	2193.85	1168.37	3693.35	8753.97	6025.30	2881.87	208.10	90.12	255.89	1702.01	
30	112.87	1230.58	1810.99	3628.04	6165.93	8591.64	3628.04	2535.36	208.10	90.12		989.70	
31		363.14		6741.58	3858.68		2941.37		208.10	90.12		1230.58	
Total	50310.01	59508.80	50286.60	453491.27	317397.04	157431.89	582035.27	142021.89	30629.16	4897.56	28043.23	26530.00	1902582.72
Mean	1677.00	1919.64	1676.22	14628.75	10238.61	5247.73	18775.33	4734.06	988.04	157.99	967.01	855.81	
Max	5476.05	7490.26	18116.58	128863.63	98961.50	12847.31	183988.32	14350.60	1998.69	744.81	2193.85	1702.01	183988.32
Min	112.87	21.60	51.10	551.49	2273.98	2314.48	1458.54	1810.99	193.08	90.12	42.79	51.10	21.60

WATER YEAR : 2007

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.D-49					
Period of Available Records	2005-Cont' d					
Actual Measurement	2005-Cont' d					
Using Rating Curve Water Year	2005-2007					
Number of observation	65					
R-Square	0.7241					
Remarks	Continued Sediment Station					

$$QS = 15.3780 QW^{0.79570}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	39.28	39.28	95.69	112.91	105.14	120.54	189.61	82.83	53.13	41.67	39.28	39.28	
2	39.28	39.28	95.69	91.46	102.52	110.33	211.76	78.44	53.13	41.67	39.28	39.28	
3	39.28	39.28	95.69	53.13	82.83	105.14	344.66	78.44	53.13	41.67	39.28	39.28	
4	39.28	39.28	99.88	260.32	82.83	93.62	400.80	76.25	53.13	41.67	39.28	39.28	
5	39.28	41.67	102.52	118.01	78.44	93.62	205.49	76.25	50.89	41.67	39.28	39.28	
6	39.28	140.34	99.88	383.75	73.97	95.69	595.66	82.83	50.89	41.67	39.28	39.28	
7	39.28	115.47	99.88	283.04	73.97	95.69	197.27	125.57	50.89	41.67	39.28	39.28	
8	39.28	93.62	97.83	686.68	78.44	91.46	163.45	89.36	50.89	41.67	39.28	39.28	
9	39.28	99.88	95.69	605.93	137.90	85.05	149.96	89.36	50.89	41.67	39.28	39.28	
10	39.28	171.40	89.36	379.46	102.52	82.83	135.46	78.44	50.89	41.67	39.28	39.28	
11	39.28	267.28	89.36	294.68	89.36	80.68	120.54	78.44	46.34	41.67	39.28	39.28	
12	39.28	184.45	85.05	194.73	85.05	73.97	115.47	99.88	46.34	41.67	39.28	39.28	
13	39.28	189.61	82.83	366.51	91.46	97.83	135.46	91.46	46.34	41.67	39.28	39.28	
14	39.28	125.57	80.68	211.76	227.22	110.33	133.00	82.83	46.34	41.67	39.28	39.28	
15	39.28	112.91	80.68	174.03	110.33	166.11	115.47	78.44	44.02	41.67	39.28	39.28	
16	39.28	112.91	82.83	137.90	306.26	137.90	95.69	85.05	44.02	41.67	39.28	39.28	
17	39.28	107.74	89.36	125.57	184.45	267.28	89.36	85.05	41.67	41.67	39.28	39.28	
18	39.28	105.14	105.14	123.06	145.17	283.04	89.36	78.44	41.67	41.67	41.67	39.28	
19	39.28	102.52	130.54	112.91	224.15	205.49	82.83	80.68	41.67	41.67	41.67	39.28	
20	39.28	105.14	118.01	102.52	174.03	179.26	112.91	69.44	41.67	41.67	39.28	39.28	
21	39.28	95.69	99.88	102.52	192.17	147.57	93.62	67.19	41.67	41.67	39.28	39.28	
22	39.28	95.69	95.69	89.36	233.32	137.90	89.36	55.34	41.67	41.67	39.28	39.28	
23	39.28	95.69	95.69	89.36	147.57	199.81	107.74	55.34	41.67	41.67	36.86	39.28	
24	39.28	95.69	97.83	80.68	133.00	145.17	168.76	55.34	41.67	41.67	36.86	39.28	
25	39.28	95.69	239.39	78.44	118.01	128.06	123.06	55.34	41.67	41.67	36.86	39.28	
26	39.28	95.69	1112.60	73.97	187.04	189.61	120.54	55.34	41.67	41.67	36.86	39.28	
27	39.28	95.69	383.75	80.68	123.06	147.57	95.69	55.34	41.67	41.67	36.86	39.28	
28	39.28	95.69	152.68	97.83	120.54	135.46	112.91	55.34	41.67	41.67	36.86	39.28	
29	39.28	99.88	120.54	130.54	176.65	147.57	95.69	55.34	41.67	41.67	39.28	39.28	
30	39.28	99.88	115.47	87.17	158.09	155.39	89.36	53.13	41.67	41.67		39.28	
31		99.88		80.68	147.57		87.17		41.67	41.67		39.28	
Total	1178.40	3297.93	4430.11	5809.59	4293.06	4109.97	4868.11	2250.52	1416.31	1291.77	1129.38	1217.68	35292.83 Tonday
Mean	39.28	106.38	147.67	187.41	138.49	137.00	157.04	75.02	45.69	41.67	38.94	39.28	Ton/day
Max	39.28	267.28	1112.60	686.68	306.26	283.04	595.66	125.57	53.13	41.67	41.67	39.28	1112.60 Ton/day
Min	39.28	39.28	80.68	53.13	73.97	73.97	82.83	53.13	41.67	41.67	36.86	39.28	36.86 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Klong Nang Noi at Ban Khaow Saae (2) , Trang (X.229)

Lat 07 - 32 - 53 N Long 99 - 44 - 40 E

Location : on left bank at Ban Khaow Sea 2.

	Ban Khaow Saae (2)	Amphoe Na Yong	Changwat Trang
Drainage Area	158 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	2007		
Number of observation	21		
R-Square	0.7117		
Remarks	Continued Sediment Station		

$$QS = 8.3169 QW^{1.53970}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	31.00	0.00	32.02	40.59	42.85	54.74	75.78	59.77	35.15	55.98	36.22	46.31	
2	32.02	0.98	17.98	39.48	31.00	110.32	168.24	58.50	40.59	49.86	37.29	39.48	
3	24.18	35.15	16.33	37.29	29.99	51.06	97.60	71.66	38.38	51.06	37.29	29.99	
4	14.74	38.38	4.80	36.22	25.12	66.28	71.66	71.66	37.29	48.66	37.29	27.03	
5	8.97	36.22	38.38	37.29	25.12	73.02	62.35	68.95	36.22	47.48	35.15	36.22	
6	2.86	33.05	214.30	47.48	25.12	64.96	108.42	63.65	39.48	45.14	34.09	34.09	
7	2.86	31.00	27.03	46.31	23.26	49.86	90.11	61.06	73.02	45.14	34.09	40.59	
8	2.43	31.00	61.06	47.48	13.96	48.66	129.90	79.99	51.06	47.48	34.09	34.09	
9	2.03	33.05	40.59	43.99	11.01	45.14	79.99	175.27	47.48	47.48	34.09	34.09	
10	2.43	59.77	35.15	42.85	11.73	37.29	64.96	90.11	48.66	45.14	34.09	34.09	
11	2.03	51.06	35.15	37.29	6.48	28.00	49.86	75.78	48.66	43.99	34.09	32.02	
12	2.43	39.48	37.29	35.15	6.48	52.28	61.06	68.95	49.86	32.02	33.05	32.02	
13	2.03	34.09	36.22	32.02	7.07	36.22	64.96	62.35	78.58	32.02	32.02	32.02	
14	2.86	26.07	48.66	29.99	7.69	37.29	55.98	63.65	58.50	38.38	36.22	32.02	
15	3.31	10.31	26.07	26.07	28.99	84.28	62.35	46.31	170.45	38.38	27.03	29.99	
16	2.43	12.46	9.63	20.56	91.59	362.17	66.28	73.02	160.94	39.48	25.12	28.99	
17	5.34	36.22	9.63	9.63	74.40	371.82	66.28	61.06	123.91	39.48	25.12	29.99	
18	2.86	62.35	15.53	8.32	78.58	68.95	84.28	53.50	87.18	62.35	25.12	28.99	
19	2.03	37.29	39.48	25.12	58.50	51.06	100.96	43.99	100.96	51.06	21.44	29.99	
20	2.03	35.15	28.00	34.09	100.96	127.89	96.09	235.86	88.64	45.14	18.83	31.00	
21	2.03	33.05	16.33	25.12	182.78	78.58	88.64	42.85	77.18	29.99	17.98	27.03	
22	1.65	26.07	18.83	25.12	114.15	48.66	77.18	39.48	66.28	40.59	17.15	27.03	
23	1.30	35.15	41.71	100.96	68.95	45.14	71.66	35.15	58.50	39.48	21.44	28.99	
24	1.30	37.29	39.48	58.50	55.98	52.28	64.96	34.09	57.24	40.59	31.00	15.53	
25	1.30	39.48	52.28	67.61	53.50	62.35	67.61	29.99	55.98	38.38	29.99	17.98	
26	7.07	31.00	160.94	48.66	47.48	84.28	411.34	31.00	54.74	38.38	35.15	28.00	
27	0.24	18.83	75.78	46.31	46.31	71.66	140.45	39.48	52.28	38.38	41.71	35.15	
28	0.45	13.20	57.24	54.74	45.14	39.48	99.12	40.59	51.06	41.71	52.28	34.09	
29	0.70	41.71	48.66	51.06	147.05	51.06	79.99	33.05	48.66	38.38	48.66	38.38	
30	0.00	43.99	45.14	51.06	125.89	73.02	63.65	39.48	46.31	37.29		26.07	
31		32.02		46.31	75.78		62.35		45.14	36.22		25.12	
Total	166.91	994.87	1329.69	1252.67	1662.91	2427.80	2884.06	1950.25	2028.38	1325.11	927.09	966.38	17916.12 Ton/day
Mean	5.56	32.09	44.32	40.41	53.64	80.93	93.03	65.01	65.43	42.75	31.97	31.17	Ton/day
Max	32.02	62.35	214.30	100.96	182.78	371.82	411.34	235.86	170.45	62.35	52.28	46.31	411.34 Ton/day
Min	0.00	0.00	4.80	8.32	6.48	28.00	49.86	29.99	35.15	29.99	17.15	15.53	0.00 Ton/day

WATER YEAR : 2007
SOUTHERN PENINSULA WEST COAST
Khlong 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	2007				
Number of observation	19				
R-Square	0.7153				
Remarks	Continued Sediment Station				

$$QS = 1.3482 QW^{1.98800}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	4.83	5.35	1.35	1.94	3.43	11.97	11.97	33.59	11.97	18.37	5.35	9.71	
2	6.46	3.87	1.35	2.27	2.27	16.08	11.97	74.02	11.19	17.21	5.35	8.33	
3	11.19	2.27	3.02	2.63	1.94	9.01	12.95	44.71	10.44	18.37	5.89	7.68	
4	3.02	1.09	105.19	2.63	1.63	7.06	16.08	27.53	9.71	18.37	5.35	7.06	
5	0.66	0.87	17.21	2.27	1.63	4.83	18.37	20.80	10.44	16.08	5.35	5.89	
6	0.66	0.66	8.33	40.54	1.63	4.34	23.38	19.56	76.80	15.00	4.83	5.35	
7	0.66	0.87	13.95	32.02	3.02	5.35	16.08	19.56	123.44	15.00	4.83	5.89	
8	3.43	0.34	17.21	22.07	2.63	6.46	9.01	135.09	74.02	12.95	5.35	3.43	
9	9.01	1.09	8.33	9.71	4.83	5.35	11.19	68.63	32.02	11.19	4.34	3.02	
10	7.68	2.27	5.89	7.06	3.43	5.35	22.07	51.35	24.72	11.97	4.34	2.63	
11	1.94	2.27	4.83	5.89	3.43	9.71	40.54	76.80	51.35	11.97	4.34	2.27	
12	1.35	0.49	10.44	4.34	4.34	10.44	28.99	35.20	63.44	11.97	3.87	1.94	
13	2.27	0.22	5.35	4.83	5.89	3.43	53.67	30.48	28.99	11.97	3.87	1.63	
14	1.63	0.12	3.87	5.89	11.97	35.20	38.53	23.38	164.29	11.19	3.02	1.94	
15	0.66	0.22	3.02	4.34	10.44	63.44	8.33	19.56	194.41	9.01	3.43	1.94	
16	0.22	0.66	5.35	3.87	60.92	38.53	11.19	18.37	108.72	9.71	3.87	1.94	
17	0.12	1.35	3.87	3.02	12.95	18.37	13.95	16.08	366.98	15.00	3.43	1.63	
18	0.05	2.27	5.35	3.43	9.71	9.01	9.71	36.84	119.67	13.95	3.43	1.63	
19	0.12	6.46	3.43	3.02	36.84	6.46	8.33	26.11	76.80	10.44	3.87	2.27	
20	0.49	3.87	4.83	4.34	23.38	7.06	115.97	20.80	53.67	9.01	3.43	2.27	
21	0.05	0.87	3.87	6.46	11.19	5.89	49.09	27.53	36.84	9.01	3.87	1.94	
22	0.12	3.43	7.06	4.34	7.06	4.83	27.53	18.37	26.11	9.01	3.43	2.27	
23	0.12	2.27	7.68	4.34	4.83	3.02	17.21	16.08	23.38	7.06	3.87	2.27	
24	0.22	1.94	4.83	4.83	5.35	8.33	13.95	12.95	23.38	7.06	4.34	2.27	
25	0.12	1.09	6.46	4.83	5.89	7.06	11.97	11.97	24.72	7.06	4.83	2.27	
26	0.05	0.66	9.01	4.34	4.83	12.95	13.95	11.97	24.72	7.06	4.83	2.27	
27	0.05	0.49	5.35	56.04	9.71	5.89	11.19	11.19	24.72	6.46	4.34	2.27	
28	0.87	0.49	3.43	28.99	24.72	9.01	11.97	11.19	24.72	5.89	4.83	1.63	
29	1.09	1.09	3.02	11.19	15.00	5.89	9.71	11.19	22.07	6.46	11.97	2.63	
30	13.95	0.87	2.63	6.46	56.04	8.33	12.95	13.95	20.80	8.33		2.27	
31		1.63		4.83	17.21		60.92		20.80	8.33		2.63	
Total	73.09	51.44	285.51	302.76	368.14	348.65	722.72	944.85	1885.33	350.46	133.85	103.17	5569.97 Tonday
Mean	2.44	1.66	9.52	9.77	11.88	11.62	23.31	31.50	60.82	11.31	4.62	3.33	Ton/day
Max	13.95	6.46	105.19	56.04	60.92	63.44	115.97	135.09	366.98	18.37	11.97	9.71	366.98 Ton/day
Min	0.05	0.12	1.35	1.94	1.63	3.02	8.33	11.19	9.71	5.89	3.02	1.63	0.05 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Klong Phangnga at Ban Bang Tong , Phangnga (X.245)

Lat 08 - 30 - 49 N Long 98 - 30 - 15 E

Location : on right bank at Ban Bang Tong.

	Ban Bang Tong	Amphoe Mueang	Changwat Phangnga
Drainage Area	242 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	2007		
Number of observation	24		
R-Square	0.8299		
Remarks	Continued Sediment Station		

$$QS = 4.9629 QW^{1.51120}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	137.34	384.92	295.70	424.80	942.77	821.68	10491.40	2788.88	264.89	78.20	13.09	41.86	
2	137.34	327.64	306.23	365.48	714.39	666.60	19669.96	2537.45	244.99	65.25	13.09	179.64	
3	206.81	306.23	254.87	404.70	574.46	666.60	2852.99	4990.51	225.62	65.25	53.12	170.87	
4	225.62	327.64	264.89	424.80	666.60	1573.91	5416.28	3383.20	225.62	65.25	65.25	53.12	
5	137.34	327.64	365.48	619.95	508.46	714.39	3943.18	2414.78	225.62	71.62	31.54	113.86	
6	137.34	285.30	306.23	2059.34	424.80	466.00	9799.59	1573.91	206.81	59.08	22.26	162.26	
7	153.80	264.89	365.48	1201.27	365.48	327.64	6883.26	1269.14	188.55	53.12	31.54	91.92	
8	170.87	714.39	275.03	1134.68	384.92	365.48	4759.12	1201.27	170.87	65.25	53.12	106.37	
9	206.81	1338.26	365.48	9257.75	466.00	295.70	3180.80	1338.26	170.87	99.06	41.86	41.86	
10	235.24	2414.78	643.14	7922.34	384.92	254.87	2354.22	1408.61	153.80	78.20	26.77	36.58	
11	188.55	2475.86	508.46	8040.81	316.87	244.99	1573.91	1338.26	162.26	65.25	22.26	59.08	
12	285.30	1616.20	365.48	4087.65	306.23	1449.35	2917.58	1069.38	170.87	59.08	18.05	99.06	
13	365.48	763.27	295.70	8279.54	365.48	4835.83	1833.24	881.52	153.80	84.96	14.15	106.37	
14	327.64	597.06	327.64	3180.80	1167.81	2917.58	1338.26	942.77	153.80	59.08	12.06	41.86	
15	264.89	264.89	327.64	2105.62	666.60	17576.61	2537.45	942.77	153.80	47.37	12.06	31.54	
16	552.16	881.52	424.80	1573.91	6412.13	12991.96	2294.18	821.68	137.34	36.58	11.07	26.77	
17	285.30	530.16	316.87	973.92	18319.82	31544.48	1922.61	881.52	153.80	36.58	11.07	22.26	
18	244.99	466.00	384.92	942.77	13778.92	7687.18	1658.86	738.69	153.80	36.58	31.54	18.05	
19	206.81	365.48	4531.47	881.52	19275.64	5952.43	2725.27	643.14	170.87	36.58	22.26	26.77	
20	225.62	316.87	2199.22	942.77	33212.86	2599.55	2725.27	643.14	137.34	31.54	18.05	14.15	
21	206.81	295.70	1037.22	1069.38	39620.63	1701.90	2414.78	1532.01	162.26	41.86	12.06	13.09	
22	188.55	306.23	821.68	1201.27	9257.75	1167.81	1658.86	881.52	129.35	36.58	12.06	18.05	
23	188.55	285.30	666.60	2013.41	3943.18	1877.75	1449.35	821.68	106.37	31.54	10.10	14.15	
24	264.89	306.23	445.24	1201.27	2105.62	1833.24	1201.27	821.68	91.92	26.77	10.10	26.77	
25	254.87	264.89	714.39	1005.40	1408.61	1967.84	1101.86	619.95	91.92	26.77	12.06	22.26	
26	225.62	264.89	1235.05	911.97	1201.27	3659.57	881.52	508.46	84.96	31.54	197.61	31.54	
27	162.26	275.03	1573.91	881.52	942.77	1745.31	7109.88	327.64	188.55	22.26	41.86	22.26	
28	145.49	295.70	1005.40	1069.38	973.92	1269.14	3048.23	306.23	113.86	22.26	36.58	22.26	
29	206.81	365.48	792.29	911.97	1134.68	1201.27	2788.88	295.70	84.96	22.26	26.77	18.05	
30	306.23	316.87	666.60	792.29	3114.28	1877.75	2788.88	275.03	78.20	18.05		106.37	
31		285.30		763.27	1269.14		2537.45		78.20	14.15		71.62	
Total	6845.33	18230.62	22083.11	66645.55	164227.01	112254.41	117858.39	38198.78	4835.87	1487.92	883.41	1810.67	555361.07 Ton/day
Mean	228.18	588.08	736.10	2149.86	5297.65	3741.81	3801.88	1273.29	156.00	48.00	30.46	58.41	Ton/day
Max	552.16	2475.86	4531.47	9257.75	39620.63	31544.48	19669.96	4990.51	264.89	99.06	197.61	179.64	39620.63 Ton/day
Min	137.34	264.89	254.87	365.48	306.23	244.99	881.52	275.03	78.20	14.15	10.10	13.09	10.10 Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Khleng Tha Prae at Ban Karakat , Satun (X.261)

Lat 06 - 50 - 19 N Long 100 - 04 - 10 E

Location : on right bank at Ban Karakat.

	Ban Karakat	Amphoe Khuan Kalong	Changwat Satun
Drainage Area	99 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	18		
R-Square	0.7366		
Remarks	Continued Sediment Station		

$$QS = 2.1265 QW^{2.08510}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	0.07	3.98	0.31	1.34	3.11	28.98	86.09	1097.60	4.95	4.95	1.71	2.85		
2	0.07	0.17	0.24	1.01	2.59	36.32	1008.04	92.29	4.29	4.95	1.71	2.13		
3	0.07	0.12	0.17	1.01	2.13	15.59	1364.41	323.38	4.61	4.95	2.13	1.71		
4	0.17	0.04	0.40	0.73	1.71	10.49	86.09	286.38	6.43	4.29	2.13	1.71		
5	0.12	0.04	2.59	0.50	1.34	7.24	17.53	80.12	7.24	4.29	2.13	1.71		
6	0.07	0.02	0.50	0.87	1.34	5.67	11.32	53.59	27.78	4.29	1.71	1.71		
7	0.04	0.02	0.31	4.61	1.17	4.95	15.59	51.24	27.78	4.29	1.71	2.13		
8	0.12	0.02	173.21	4.61	1.01	5.30	16.61	28.98	24.04	3.67	1.71	2.85		
9	0.02	0.02	126.66	6.83	1.01	4.29	7.24	195.82	8.56	3.67	1.71	2.13		
10	0.02	0.07	17.53	3.11	1.01	3.67	6.43	66.16	7.24	3.67	1.71	1.71		
11	0.02	0.24	5.30	1.91	0.73	3.67	14.73	44.52	6.43	3.67	1.34	1.71		
12	0.04	0.07	1.52	1.34	0.73	3.67	18.61	42.38	51.24	12.08	1.34	2.13		
13	0.40	0.02	0.87	1.01	0.50	3.11	2556.29	30.73	9.79	3.67	1.34	4.95		
14	0.73	0.02	0.87	1.01	0.50	2.85	95.47	24.04	9.79	3.11	1.34	3.11		
15	0.12	0.02	3.11	1.01	38.28	362.08	53.59	17.53	108.77	3.11	1.34	1.52		
16	0.07	0.02	1.34	1.01	3473.04	157.40	98.71	12.97	126.66	4.29	1.34	1.52		
17	0.07	0.50	1.01	0.87	152.04	55.99	51.24	12.08	152.04	4.95	1.01	1.34		
18	0.07	0.61	1.34	0.87	44.52	19.58	89.16	9.79	195.82	5.30	1.01	1.71		
19	0.02	0.31	6.04	3.67	25.31	11.32	66.16	9.79	68.84	5.30	1.01	2.59		
20	0.02	0.50	7.67	1.71	432.82	7.67	300.78	8.56	36.32	4.61	1.01	3.98		
21	0.02	0.24	2.13	6.43	71.58	6.04	119.33	9.02	24.04	3.11	1.01	1.91		
22	0.02	0.17	16.61	3.98	21.75	4.95	53.59	9.02	20.72	3.11	1.34	1.52		
23	0.04	0.17	138.07	5.67	10.49	4.29	30.73	8.11	16.61	3.11	1.34	1.52		
24	0.04	3.11	6.83	2.59	7.24	3.67	22.96	6.43	9.02	2.59	1.34	1.34		
25	0.04	1.01	6.83	6.43	6.83	9.79	18.61	5.67	9.02	2.59	1.71	1.52		
26	0.07	0.31	4.29	3.67	5.30	53.59	15.59	4.95	12.08	2.59	2.85	2.59		
27	0.07	0.31	2.13	18.61	5.67	8.56	32.54	7.24	8.56	2.35	2.13	8.56		
28	0.04	0.17	2.13	63.54	53.59	5.67	12.97	4.95	8.11	2.35	1.71	5.67		
29	0.04	0.17	1.91	26.45	53.59	5.67	12.97	4.95	8.56	2.13	2.59	2.13		
30	0.04	0.50	1.52	6.83	265.74	5.67	48.94	4.95	8.56	1.71		1.71		
31		0.40		3.98	119.33		14.73		9.02	1.71		1.34		
Total	2.75	13.37	533.44	187.21	4806.00	857.74	6347.05	2553.24	1022.92	120.46	46.46	75.01	16565.65	Ton/day
Mean	0.09	0.43	17.78	6.04	155.03	28.59	204.74	85.11	33.00	3.89	1.60	2.42		Ton/day
Max	0.73	3.98	173.21	63.54	3473.04	362.08	2556.29	1097.60	195.82	12.08	2.85	8.56	3473.04	Ton/day
Min	0.02	0.02	0.17	0.50	0.50	2.85	6.43	4.95	4.29	1.71	1.01	1.34	0.02	Ton/day

WATER YEAR : 2007

SOUTHERN PENINSULA WEST COAST

Lower Khlong Tha Prae at Ban Ta Lam , Satun (X.264)

Lat 06 - 47 - 46 N Long 99 - 57 - 17 E

Location : on right bank at Ban Ta Lam.

	Ban Ta Lam	Amphoe Tha Pae	Changwat Satun
Drainge Area	223 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	2007-Cont'd		
Actual Measurement	2007-Cont'd		
Using Rating Curve Water Year	2007		
Number of observation	19		
R-Square	0.7150		
Remarks	Continued Sediment Station		

$$QS = 6.9669 QW^{0.95590}$$

Suspended Sediment , in Tons per Day. Water Year 1 April 2007 to 31 March 2008

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	0.00	0.00	13.39	3.18	44.02	103.82	166.29	174.16	17.75	19.98	3.93	3.18	
2	0.00	0.00	13.39	3.18	42.49	216.87	215.85	67.45	18.51	18.51	2.41	3.18	
3	0.00	0.00	13.39	2.41	40.16	133.45	175.59	188.48	19.21	18.51	2.41	3.18	
4	0.00	0.00	17.75	2.41	38.63	88.01	108.93	217.84	19.98	17.75	3.18	2.41	
5	0.00	4.68	14.80	2.41	29.34	80.88	50.24	134.50	38.63	18.51	1.64	2.41	
6	0.00	4.68	7.63	2.41	27.22	69.25	43.23	88.01	54.79	18.51	3.93	2.41	
7	0.00	5.43	7.63	3.93	25.78	63.84	43.23	75.52	62.94	19.98	6.17	5.43	
8	0.00	7.63	7.63	7.63	14.10	56.61	45.67	137.51	70.14	19.21	7.63	3.93	
9	0.00	7.63	14.80	7.63	14.80	49.33	46.59	132.46	61.14	19.21	9.08	3.93	
10	0.00	108.93	14.80	6.17	13.39	48.42	47.50	132.46	58.42	19.21	9.08	3.93	
11	0.00	89.78	17.75	3.93	17.05	43.23	47.50	89.78	37.09	12.67	9.81	2.41	
12	0.00	86.23	27.90	3.93	20.67	33.25	94.22	66.55	37.89	11.24	9.08	2.41	
13	0.00	86.23	44.76	2.41	19.98	30.90	74.63	59.33	32.45	17.05	6.90	2.41	
14	0.00	59.33	88.01	2.41	21.43	48.42	152.28	53.89	124.31	16.28	6.90	3.93	
15	6.17	64.75	88.01	2.41	211.87	187.05	156.90	48.42	133.45	15.57	4.68	3.18	
16	7.63	35.54	237.97	5.43	544.16	202.93	141.86	37.09	105.88	15.57	4.68	3.18	
17	25.02	35.54	89.78	1.64	445.68	134.50	127.34	34.80	86.23	20.67	4.68	3.18	
18	20.67	29.34	44.76	2.41	171.29	71.04	168.41	29.34	64.75	20.67	5.43	3.18	
19	10.53	26.47	139.55	3.93	205.89	52.98	153.43	31.70	45.67	19.21	5.43	3.18	
20	22.13	16.28	80.88	7.63	361.18	77.31	182.07	26.47	36.35	18.51	6.17	3.18	
21	22.13	7.63	89.78	10.53	286.87	71.04	164.10	49.33	36.35	14.80	6.90	2.41	
22	22.13	7.63	44.76	11.24	166.98	61.14	78.20	50.24	29.34	8.36	7.63	2.41	
23	14.80	7.63	44.76	11.96	60.23	47.50	71.04	51.16	26.47	8.36	10.53	2.41	
24	9.08	7.63	44.76	14.80	52.07	47.50	76.42	51.16	25.02	5.43	10.53	2.41	
25	1.64	7.63	89.78	26.47	40.96	57.52	48.42	50.24	22.88	5.43	9.08	1.64	
26	0.00	7.63	139.55	40.16	35.54	74.63	55.70	52.98	25.02	4.68	6.90	0.84	
27	0.00	7.63	108.93	103.82	34.80	67.45	63.84	57.52	20.67	3.93	6.90	0.84	
28	0.00	7.63	44.76	264.50	107.93	69.25	54.79	54.79	24.33	3.93	7.63	0.84	
29	4.68	30.90	44.76	134.50	339.78	80.88	71.94	103.82	24.33	3.93	6.17	0.84	
30	6.17	30.90	44.76	66.55	147.65	52.07	121.22	102.76	21.43	3.18		0.00	
31		30.90		75.52	217.84		110.98		21.43	3.18		0.00	
Total	172.78	822.21	1681.18	837.54	3799.78	2421.07	3158.41	2449.76	1402.85	422.03	185.49	78.87	17431.97 Ton/day
Mean	5.76	26.52	56.04	27.02	122.57	80.70	101.88	81.66	45.25	13.61	6.40	2.54	Ton/day
Max	25.02	108.93	237.97	264.50	544.16	216.87	215.85	217.84	133.45	20.67	10.53	5.43	544.16 Ton/day
Min	0.00	0.00	7.63	1.64	13.39	30.90	43.23	26.47	17.75	3.18	1.64	0.00	0.00 Ton/day