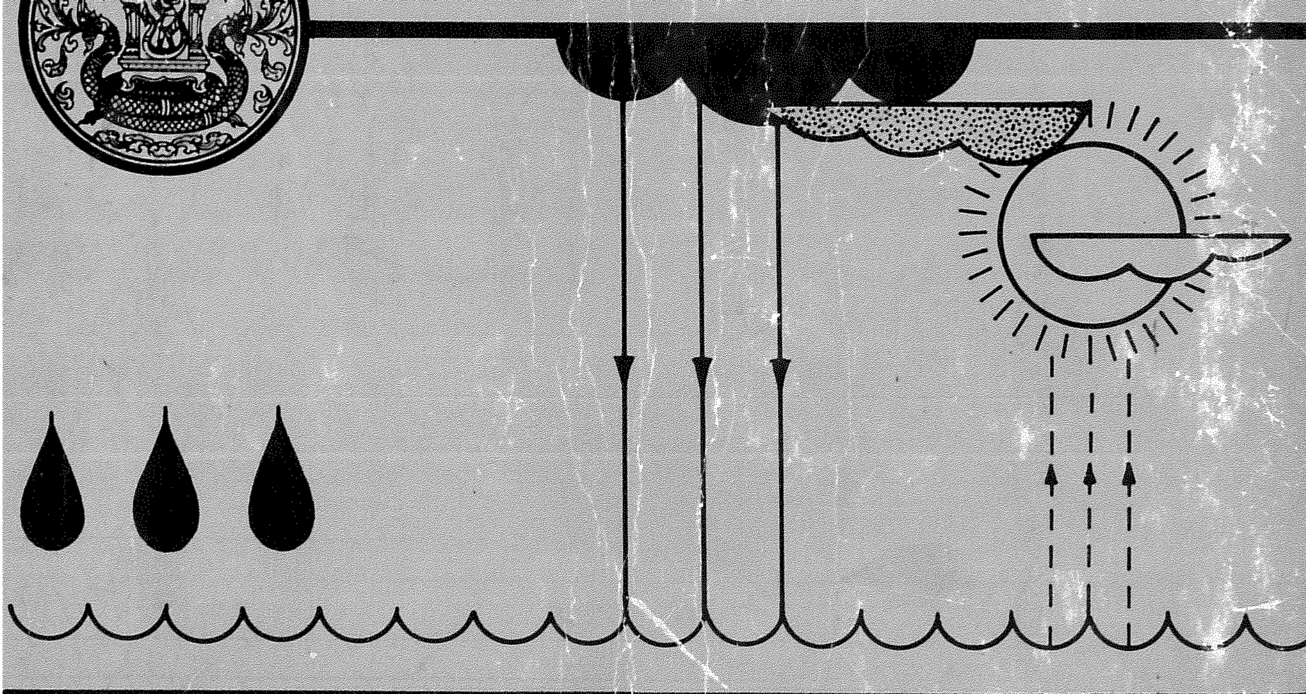
THAILAND

HYDROLOGICAL YEARBOOK

WATER YEAR 1974

VOLUME 17



ROYAL IRRIGATION DEPARTMENT

HYDROLOGY DIVISION

BANGKOK

THAILAND
HYDROLOGICAL YEARBOOK

WATER YEAR 1974
VOLUME 17

Hydrology No. 598/81

Thailand

Hydrological Yearbook

Water Year 1974

Volume 17

Royal Irrigation Department
Hydrology Division
Bangkok

FOREWORD

The programme of yearbook publications was initiated in 1966 Great efforts have been made in editing as well as the setting up of standard for yearbook publication. The previously processed data have been reviewed and arranged in serial order or volumes to be published. The first issue was published in 1968 as Volume 8. It presents records, during the 1965 water year, of stage and discharge of 59 streams at 86 actual streamflow calibrating sites and at 27 previously calibrated ones. Up till now 16 volumes of yearbooks presenting streamflow data as early as 1912 up to 1973 totalling 2,655 station-years of record had been published.

This Volume 17 which is the seventeenth issue of the series, was prepared by the Data Processing Section. It presents records, during the 1974 water year, of stage and discharge of 108 streams at 125 currently calibrating sites and at 66 previously or subsequently calibrating ones.

Some remarks are made under each station description.

Hydrology Division
May 1980

ACKNOWLEDGEMENTS

The editorial staff of this hydrological yearbook publication feels particularly indebted to Mr. Boonchob Kanchanalak, former Senior Engineer Hydrologist of the Royal Irrigation Department, who had initiated and directed the editing work of yearbook publication in 1966. He made a great attempt in setting up procedure for yearbook publication and adopting engineering standard, method and steps for implementation upon which the further publication of the series will be based.

Special thanks are conveyed to the Budget Bureau, Office of the Prime Minister, who always renders great support to this work. Also others who gave valuable advices in improving the work standard are kindly pleased to accept our sincere thanks.

We also wish to express our sincere appreciation to the Chief of Public Relation and Printing Services Section, Program Coordination and Budget Division, and his efficient staff whose kind assistance and co-ordinated effort have contributed to the success of this Volume 17 issue.

CONTENTS

Page

RAYONG RIVER BASIN

MAE KLONG RIVER

PHET RIVER BASIN

PRAN RIVER BASIN

TAPI RIVER BASIN

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ILLUSTRATION OF STREAM GAGING ACTIVITIES

Fig. 1 Typical vertical staff gage

Fig. 2 Typical shelter for water level reccorder. (Float Type)

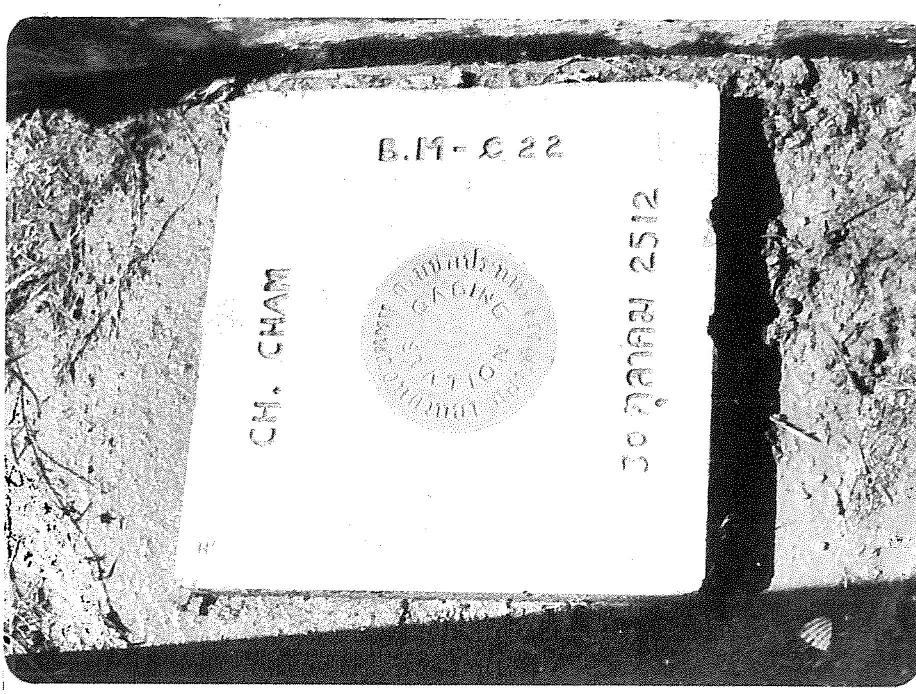

Fig. 3 Standard bench mark.

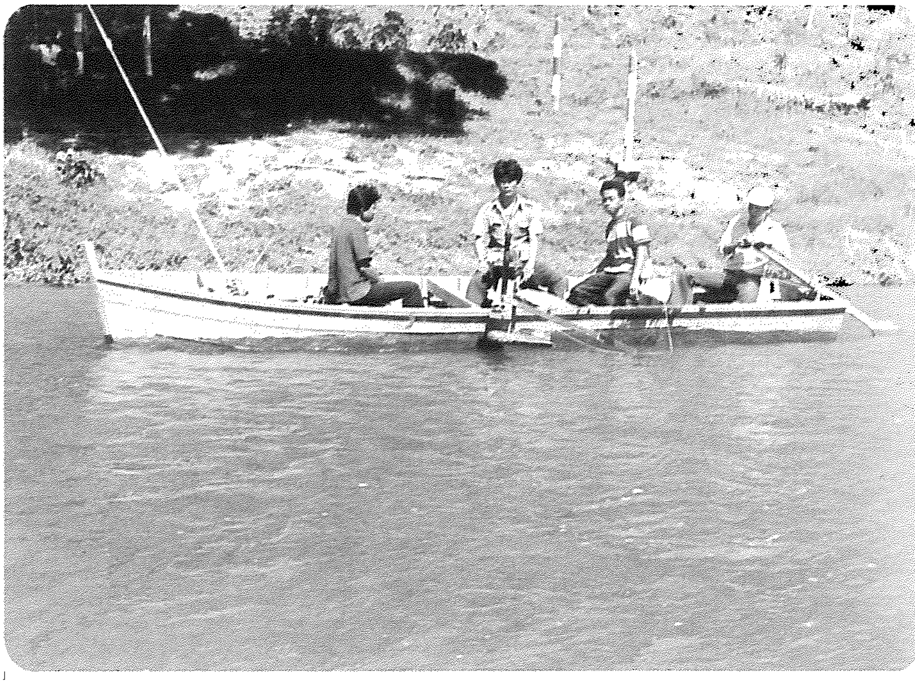

Fig. 4 Close - up of rating operation.

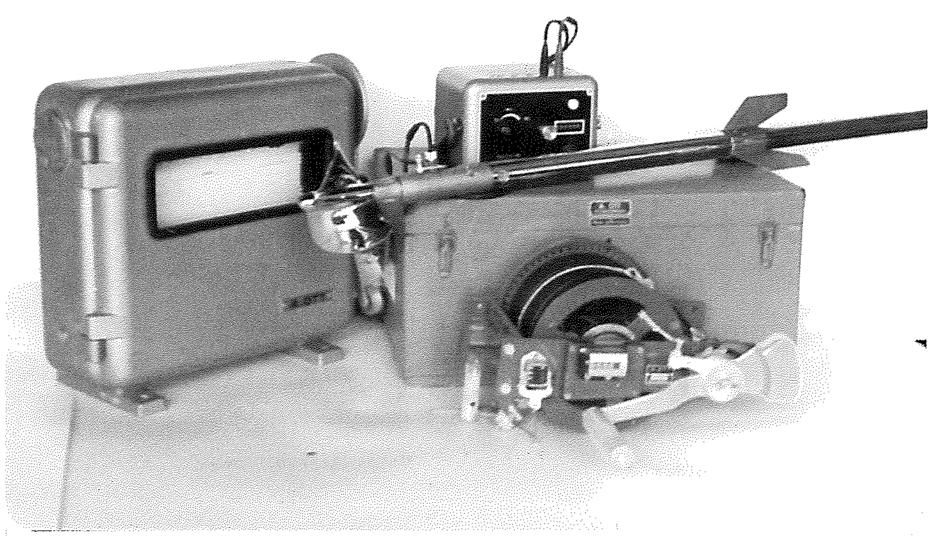

Fig. 5 Standard hydrologic equipment.

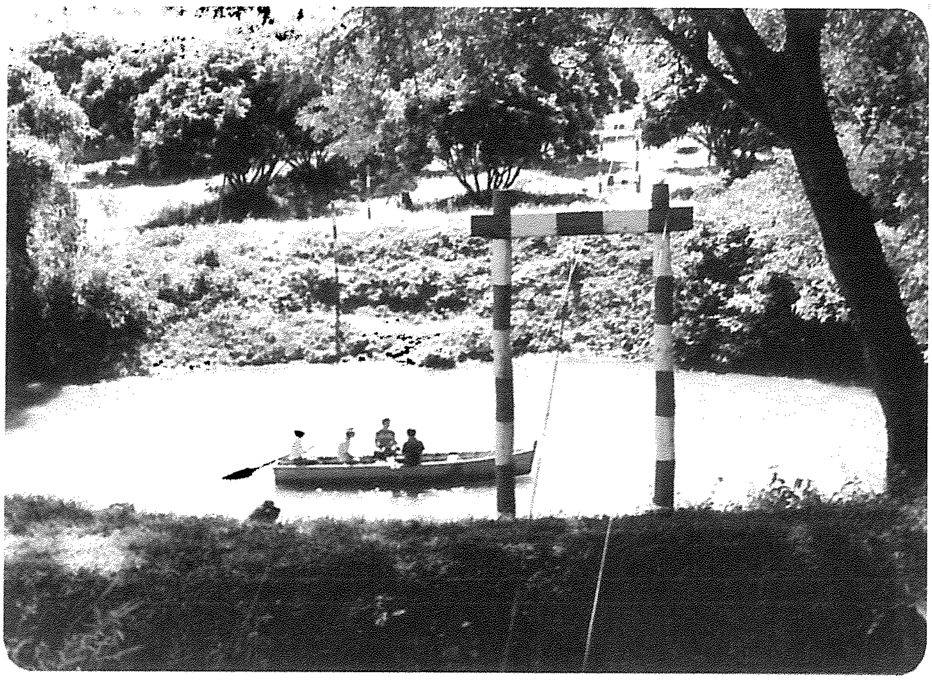

Fig. 6 Measuring line.

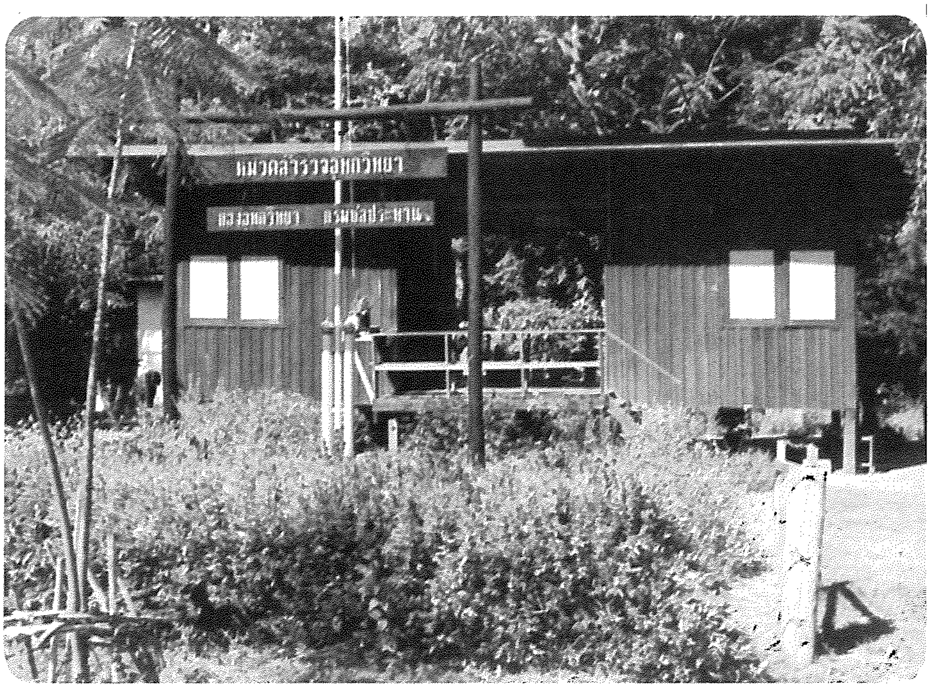

Fig. 7 Camp for hydrological station.

HYDROLOGICAL YEAR BOOK PUBLICATION

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Introduction

Great attempt has been made all along to expedite the engineering processing of the streamflow data to be ready for publication, and to translate the publication plan into implementation. Efforts from various working units as well as personnel concerned are pulled together to drive this work into reality. Publication of streamflow 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 gaging stations in 59 streams.

Definition of terms and abbreviations

Table for converting Metric Units to English Units is on page XXI. Terms related to streamflow 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, within the area unless otherwise noted.

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

Gaging 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 gaging station" is applied only those gaging stations where only a gage height record is observed at an installed staff gage. If a water stage recorder is also installed, such a gaging station is referred as recording gaging station. In case of discharge measurements being practiced, it is referred as streamflow 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 9 of 12 months. Thus, the year began April 1, 1969 is called the "1969 water year"

Order of listing of gaging data

In this format, gaging 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 letter 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 streamflow rating station ever built in this river.

Series of yearbook publications

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

Volume	Water Years	No. of station - years	Date of Issuance
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

Volume	Water Years	No. of Station-Years	Date of Issuance
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	May 1980

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

STANDARD OF STREAMFLOW DATA PROCUREMENT

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Network design

The location of stream gaging stations is primarily based upon the urgent need at various damsites 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 streamflow 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 enamelled staff gage sections 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 being 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 for 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 streamflow gaging 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 streamflow gaging station are under operation: with and without crew camp. Those without crew camp are under moving team and are capable for flow measurements of several stations. Those with crew camp are subject to less accessibility.

At station operated by a moving crew, at least twice a month during the monsoon period and once a month during the low flow period are expected for flow rating performance. The moving crew frequently fails to reach the stations while at their crest stages because of road damage and time available. At station with crew camp, daily rating performance may be expected, at least once whenever change of stage per day is over 30 centimeters. Fixed boat by cableway across the river is one of typical means of flow measurement by current meter for medium river, 100 m wide. For 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 overbank flow stage. The overbank 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 gaging stations where rises and falls of floods are immediate, hourly basis of gage height application to the rating curve is used to determine daily mean discharge.

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

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

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

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

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

Review of procedure for streamflow 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) Datums 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 streamflow 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

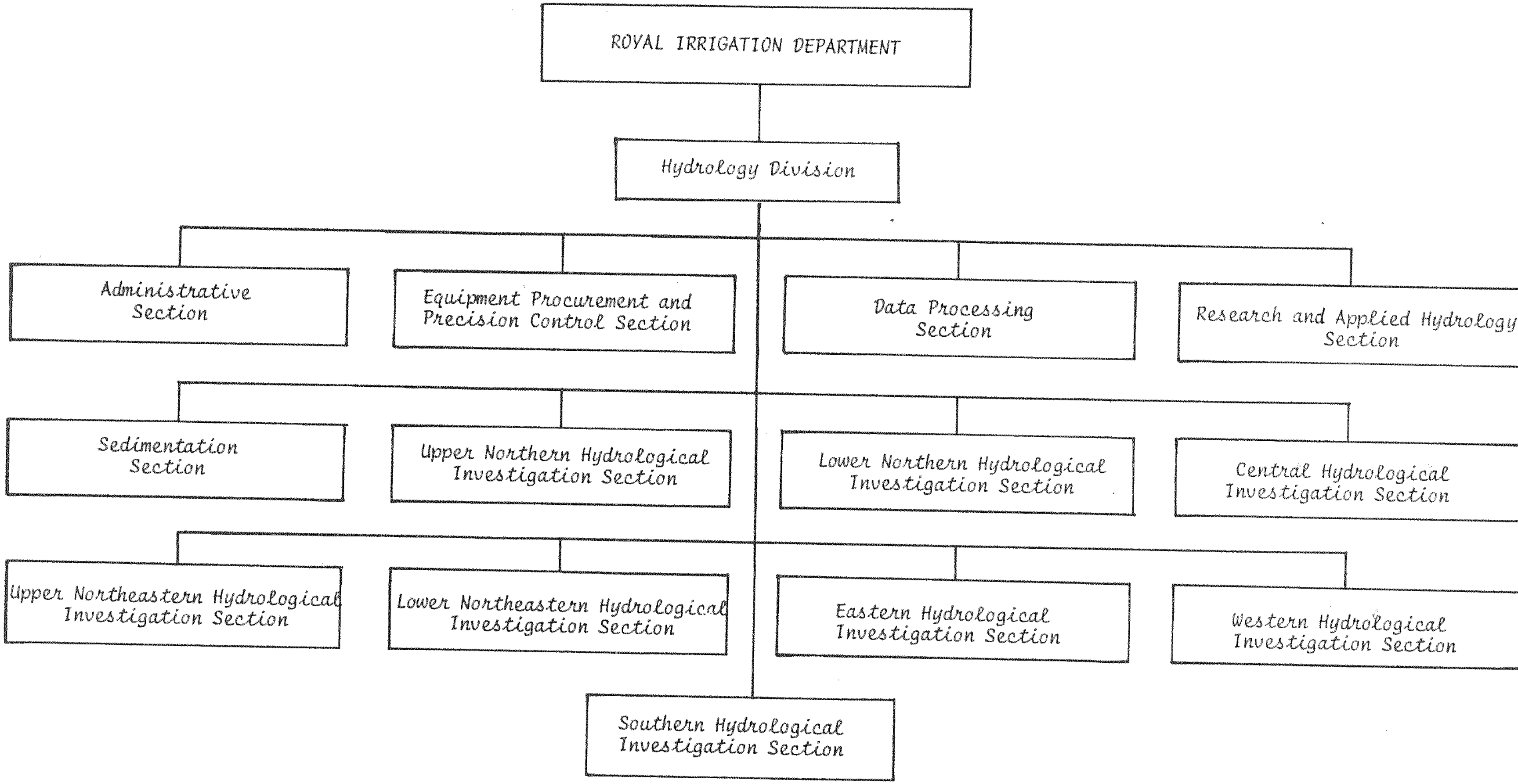
The Royal Irrigation Department (RID) has developed data system which includes computerization of storage, processing and retrieval of rainfall data since 1969. During the streamflow data system was being developed at RID in 1976, the National Economic and Social Development Board has made in agreement 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, analyse 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 Sequencial 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 agencywise. 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 agencywise; raw data and analysed 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

Streamflow 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:-


ROYAL IRRIGATION DEPARTMENT
Hydrology Division
Administrative Section
Equipment Procurement and Precision Control Section
Data Processing Section
Research and Applied Hydrology Section
Sedimentation Section
Upper Northern Hydrological Investigation Section
Lower Northern Hydrological Investigation Section
Central Hydrological Investigation Section
Upper Northeastern Hydrological Investigation Section
Lower Northeastern Hydrological Investigation Section
Eastern Hydrological Investigation Section
Western Hydrological Investigation Section
Southern Hydrological Investigation Section

PARTICIPATION IN STREAM GAGING WORKS

* * * * * * * *

Among 22 water related government agencies, several of them operate streamflow gaging 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, streamflow, 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 gaging 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 stations 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 gaging works is the Hydrometeorology Division of the Meteorological Department. With the technical and financial support from the World Meteorelogical Organization, this agency began the stream gaging works in 1967. Up till now, about 11 discharge stations and 32 stage stations are under operation. The stream gaging data are also included in their yearbook.

The last agency which operates the stream gaging 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 gaging 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 units published herein to the English units.

Multiply metric or Thai units	By	To obtain English units
	Length	
millimeters (mm)	.03973	inches (in)
meters (m)	39.37	inches (in)
	3.2808	feet (ft)
	1.0936	yards (yd)
	.1988	rods
kilometers (km)	.6214	miles (mi)
	Area	
square meters (m^2)	10.76	square feet (ft^2)
	1.196	square yards (yd^2)
	2.47×10^{-4}	acres
rai (1,600 m^2-Thai)	.3952	acres
hectares (ha)	2.4709	acres
square hectometers (hm^2)	2.4709	acres
square kilometers (km^2)	247.1	acres
	.3861	square miles (mi^2)
	Volume	
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)
	2.642×10^{-4}	million gallons (10^6 gal)
	35.31	cubic feet (ft^3)
	4.086×10^{-4}	cfs-day (ft^3/s-day)
	8.11×10^{-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)	811×10^3	acre-feet (acre-ft)
	Flow	
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	million gallons per day(mgd)

Multiply metric or Thai units	By	To obtain English units
	Flow (Cont.)	
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)

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Stream Gaging Data

Water Year 1974

PING RIVER BASIN

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

Location: Lat. 18°-47'-09" N., Long. 99°-00'-29" E., on left bank about 100 meters downstream from Nawarat Bridge, Amphoe Muang, Chiang Mai.

Drainage Area: 6,355 Sq.km.

Type of Gage: Water stage recorder.

Zero Gage at Bottom at: + 300.80 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on left bank near automatic gage building.
Elevation: + 305.310 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1921 to date.

Rating Operation:

Period of Rating: 1954-1960, 1967 to date.
Rated by Float: 1936-1938.
Rated by Current Meter: 1954-1960, 1967 to date.

Stability of Channel Regimes: Rather unstable, because of backwater effect. No shifting adjustment but periodic curves are used for flow computation.

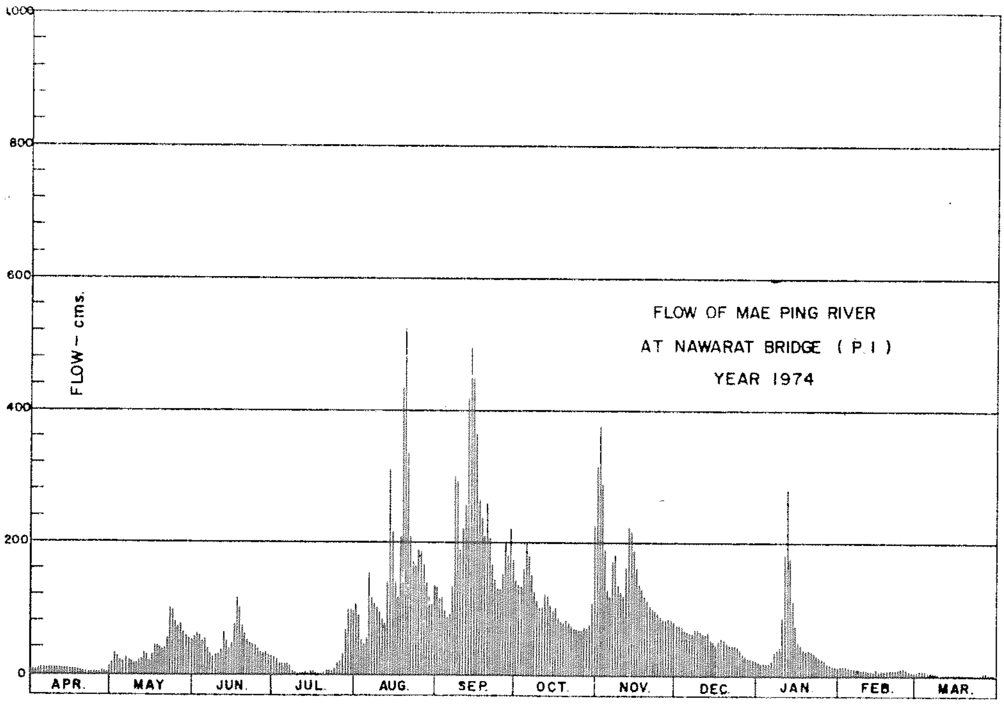
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 35 discharge measurements made in 1974. Upstream state diversions for irrigation of about 11,200 hectares at Mae Faek Weir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	301.26	301.38	301.65	301.45	301.89	301.95	302.03	302.90	301.75	301.41	301.35	301.23
2	.23	.48	.67	.45	.81	.85	301.97	303.21	.75	.40	.35	.25
3	.27	.45	.66	.39	.64	.87	.96	302.80	.74	.40	.35	.25
4	.29	.41	.61	.37	.58	.72	302.15	.23	.71	.39	.34	.25
5	.29	.40	.63	.37	.65	.65	.32	301.94	.70	.38	.33	.24
6	301.28	301.44	301.54	301.37	302.08	301.70	302.22	301.88	301.69	301.43	301.33	301.23
7	.29	.42	.47	.35	301.90	.93	.05	302.18	.69	.52	.31	.21
8	.27	.41	.46	.26	.80	302.86	301.92	.25	.73	.55	.30	.20
9	.27	.39	.48	.19	.77	.82	.82	.02	.72	.56	.30	.17
10	.27	.37	.47	.16	.73	.28	.76	301.91	.71	.68	.30	.14
11	301.27	301.41	301.53	301.12	301.64	302.45	301.78	301.88	301.69	302.10	301.28	301.14
12	.26	.43	.68	.15	.60	.58	.90	302.18	.69	.76	.28	.13
13	.26	.50	.60	.20	302.02	303.34	.88	.46	.70	.32	.27	.13
14	.26	.47	.52	.18	.91	.72	.80	.44	.63	301.96	.26	.11
15	.25	.41	.58	.25	.49	.50	.73	.31	.61	.76	.31	.11
16	301.25	301.48	301.80	301.24	302.00	303.15	301.77	302.14	301.60	301.62	301.27	301.09
17	.24	.56	.93	.19	301.85	302.70	.66	.04	.64	.57	.25	.11
18	.23	.57	.89	.18	302.24	.53	.62	301.99	.64	.55	.27	.10
19	.21	.55	.78	.14	303.45	.40	.61	.94	.64	.53	.28	.10
20	.18	.51	.68	.19	.84	.65	.64	.93	.60	.54	.29	.13
21	301.15	301.55	301.63	301.24	302.90	302.42	301.60	301.89	301.59	301.52	301.29	301.12
22	.12	.73	.60	.25	.37	.18	.57	.87	.58	.50	.29	.11
23	.12	.86	.57	.22	.18	.02	.55	.86	.58	.48	.29	.11
24	.12	.84	.59	.29	.14	301.94	.53	.83	.58	.47	.31	.15
25	.12	.76	.53	.37	.27	.94	.52	.81	.54	.45	.33	.18
26	301.17	301.74	301.50	301.41	302.26	302.09	301.52	301.80	301.51	301.42	301.29	301.20
27	.23	.75	.49	.50	.18	.34	.56	.79	.47	.41	.25	.22
28	.19	.69	.51	.68	.03	.24	.54	.80	.46	.39	.24	.20
29	.19	.66	.47	.86	301.89	.44	.59	.79	.45	.37	-	.12
30	.32	.63	.44	.87	.80	.20	.83	.78	.44	.35	-	.09
31	-	.61	-	.84	.97	-	302.34	-	.43	.35	-	.08
Mean	301.23	301.54	301.60	301.35	302.12	302.38	301.80	302.09	301.62	301.58	301.30	301.16
Max.	301.32	301.86	301.93	301.87	303.84	303.72	302.34	303.21	301.75	302.76	301.35	301.25
Min.	301.12	301.37	301.44	301.12	301.58	301.65	301.52	301.78	301.43	301.35	301.24	301.08

WATER YEAR 1974 : Max. 303.84 m. Min. 301.08 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	11	20	57	28	107	132	146	310	76	23	17	8.80
2	8.80	32	61	28	89	116	136	376	76	22	17	10
3	11	28	59	21	56	119	134	290	74	22	17	10
4	12	23	51	19	46	96	166	180	68	21	17	10
5	12	22	54	19	57	86	197	131	66	20	16	9.40
6	12	27	40	19	155	93	179	121	64	26	16	8.80
7	12	24	30	17	124	129	148	172	64	37	14	7.60
8	11	23	29	11	108	302	127	184	72	41	13	7.00
9	11	21	32	6.60	103	293	111	144	70	43	13	5.80
10	11	19	30	5.40	97	189	102	126	68	63	13	4.60
11	11	23	38	3.80	85	221	105	121	64	158	12	4.60
12	11	26	63	5.00	79	246	124	172	64	282	12	4.20
13	11	34	49	7.00	144	405	121	223	66	197	11	4.20
14	11	30	37	6.20	312	495	108	220	54	124	11	3.40
15	10	23	46	10	229	442	97	195	51	79	14	3.40
16	10	32	87	9.40	141	363	103	165	49	52	11	2.80
17	9.40	43	116	6.60	116	270	87	144	56	44	10	3.40
18	8.80	44	107	6.20	182	237	82	131	56	41	11	3.00
19	7.66	41	83	4.60	430	212	80	119	56	38	12	3.00
20	6.20	35	63	6.60	524	260	85	116	49	40	12	4.20
21	5.00	41	54	9.40	310	216	79	107	47	37	12	3.80
22	3.80	72	49	10	206	172	75	102	46	34	12	3.40
23	3.80	100	44	8.20	172	144	72	100	46	32	12	3.40
24	3.80	96	47	12	165	131	70	94	46	30	14	5.00
25	3.80	79	38	19	188	131	69	89	40	28	16	6.20
26	5.80	74	34	23	186	156	69	87	35	24	12	7.00
27	8.80	76	33	34	172	201	74	85	30	23	10	8.20
28	6.60	64	35	63	146	182	71	87	29	21	9.40	7.00
29	6.60	59	30	100	122	220	78	85	28	19	-	3.80
30	15	54	27	102	108	175	113	83	27	17	-	2.80
31	-	51	-	96	136	-	201	-	26	17	-	2.60
Total	270.80	1,336	1,523	716.00	5,095	6,435	3,410	4,559	1,663	1,655	366.40	171.40
Mean	9.03	43.1	50.8	23.1	164	214	110	152	53.6	53.4	13.1	5.53
Max.	15	100	116	102	524	495	201	376	76	282	17	10
Min.	3.80	19	27	3.80	46	86	69	83	26	17	9.40	2.60
Runoff - mcm.	23.397	115.430	131.587	61.862	440.208	555.984	294.624	393.898	143.683	142.992	31.657	14.809

WATER YEAR 1974 : Max. 524 Min. 2.60 Mean 74.5 Annual Runoff 2,350,132 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	05.00	304.10	590				

PING RIVER BASIN

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

Location: Lat. 16°-51'-14" N., Long. 99°-07'-50" E., on right bank about 200 meters downstream from Kittikhachon I Bridge, Ban Tha Khae, Amphoe Muang, Tak.

Drainage Area: 38,862 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 104.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near automatic gage building.
Elevation: + 115.321 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1952 to date.

Rating Operation:

Period of Rating: 1952-1960, 1963-1967, 1971 to date.
Rated by Float: -
Rated by Current Meter: 1952-1960, 1963-1967, 1971 to date.

Stability of Channel Regimes: Rather unstable, no shifting adjustment but periodic curves are used for flow computation.

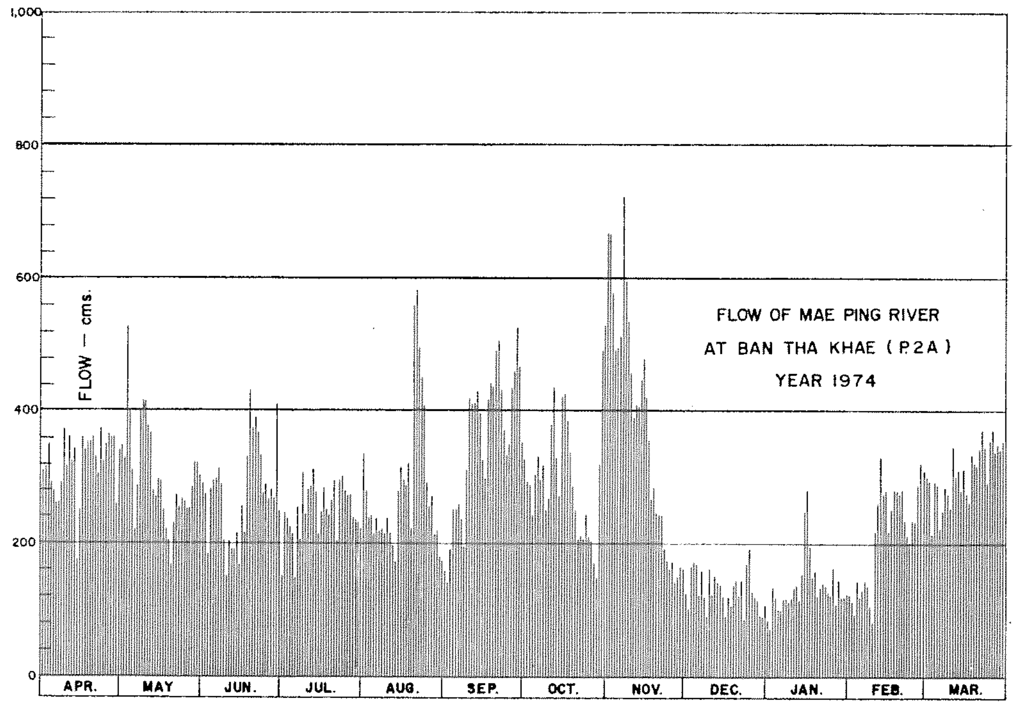
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 26 discharge measurements made in 1974. Flow regulated by Bhumiphol Dam reservoir since 1964 upstream state diversions for irrigation of about 40,300 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	105.50	105.60	105.60	105.25	105.70	105.27	105.68	106.31	105.17	105.04	105.16	105.63
2	.52	.55	.56	.50	.58	.22	.61	.31	.09	104.99	.13	.61
3	.60	106.02	.34	.48	.48	.36	.60	.16	.29	105.20	.03	.42
4	.47	105.83	.58	.45	.49	.51	.49	.00	.31	.15	.23	.61
5	.42	.65	.61	.42	.42	.51	.63	.01	.30	.09	.15	.60
6	105.37	105.44	105.62	105.24	105.48	105.53	105.69	106.04	105.16	105.09	105.19	105.44
7	.38	.58	.65	.52	.43	.48	.62	106.39	.27	.14	.23	.51
8	.45	.82	.60	.40	.44	.37	.66	.21	.19	.14	.21	.59
9	.66	.86	.39	.64	.42	.65	.51	.08	.06	.12	.15	.57
10	.52	.86	.25	.49	.48	.87	.55	105.94	.28	.15	.02	.52
11	105.63	105.79	105.39	105.58	105.42	105.85	105.79	105.81	105.17	105.20	105.43	105.72
12	.54	.76	.36	.60	.38	.85	.90	.85	.25	.21	.54	.63
13	.32	.58	.36	.65	.31	.89	.69	.84	.22	.14	.69	.65
14	.13	.56	.42	.55	.58	.82	.56	.92	.21	.26	.57	.58
15	.34	.62	.30	.42	.66	.70	.87	.98	.15	.50	.58	.65
16	105.63	105.61	105.52	105.50	105.62	105.62	105.88	105.87	105.06	105.58	105.43	105.57
17	.58	.51	.42	.59	.60	.86	.81	.73	.15	.37	.51	.54
18	.61	.44	.68	.51	.67	.91	.75	.55	.11	.24	.58	.70
19	.61	.40	.89	.49	.44	.90	.64	.59	.21	.27	.58	.67
20	.63	.30	.78	.55	106.12	106.00	.52	.50	.23	.16	.57	.66
21	105.57	105.46	105.81	105.61	106.16	106.03	105.40	105.49	105.16	105.20	105.58	105.72
22	.49	.56	.76	.39	.01	105.92	.40	.49	.23	.22	.48	.77
23	.66	.52	.70	.61	105.93	.79	.40	.37	.04	.21	.41	.72
24	.54	.55	.57	.63	.84	.70	.49	.32	.30	.18	.39	.61
25	.60	.54	.60	.58	.61	.73	.41	.28	.36	.16	.47	.74
26	105.64	105.51	105.55	105.56	105.52	105.90	105.39	105.31	105.18	105.28	105.47	105.77
27	.63	.52	.58	.57	.56	.95	.32	.22	.15	.12	.60	.71
28	.63	.60	.55	.48	.42	106.06	.24	.25	.14	.23	.67	.73
29	.37	.67	.85	.47	.43	105.96	.54	.29	.06	.15	-	.71
30	.58	.67	.50	.46	.33	.74	106.00	.28	.05	.15	-	.74
31	-	.63	-	.44	.31	-	.07	-	.12	.17	-	.62
Mean	105.52	105.61	105.60	105.50	105.57	105.73	105.62	105.75	105.18	105.20	105.39	105.64
Max.	105.66	106.02	105.89	105.65	106.16	106.06	106.07	106.39	105.36	105.58	105.69	105.77
Min.	105.13	105.30	105.30	105.24	105.31	105.22	105.24	105.22	105.04	104.99	105.02	105.42

WATER YEAR 1974 : Max. 106.39 m. Min. 104.99 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	310	350	290	153	336	160	327	668	127	88	124	304
2	318	330	273	248	181	143	295	668	103	74	115	295
3	350	527	185	240	240	193	290	580	167	136	85	216
4	299	401	282	228	244	252	244	490	174	121	146	295
5	280	313	295	216	216	252	304	496	170	103	121	290
6	261	224	299	150	240	261	331	512	124	103	133	224
7	265	282	313	256	220	240	299	720	160	118	146	252
8	291	396	290	208	224	197	318	608	133	118	139	286
9	374	416	204	308	216	313	252	535	94	112	121	277
10	318	416	153	244	240	421	269	458	163	121	82	256
11	362	381	204	282	216	411	381	391	127	136	220	346
12	326	366	193	290	200	411	436	411	153	139	265	304
13	243	282	193	313	174	431	331	406	143	118	331	313
14	176	273	216	269	282	396	273	447	139	156	277	282
15	250	299	170	216	318	336	421	479	121	248	282	313
16	362	295	256	248	299	299	426	421	94	282	220	277
17	342	252	216	285	290	416	391	351	121	197	252	265
18	354	224	331	252	322	441	361	269	109	150	282	336
19	354	208	431	244	224	436	308	286	139	160	282	322
20	362	170	376	269	557	490	256	248	146	124	277	318
21	338	232	391	295	580	507	208	244	124	136	282	346
22	306	273	366	204	496	447	212	244	146	143	240	371
23	374	256	336	295	452	381	208	197	88	139	212	346
24	326	269	277	304	406	336	244	178	170	130	204	295
25	350	265	290	282	295	351	212	163	193	124	236	356
26	366	252	269	273	256	436	204	174	130	163	236	371
27	362	256	282	277	273	463	178	143	121	112	290	341
28	362	290	269	240	216	524	150	153	118	146	322	351
29	261	322	411	236	220	469	265	167	94	121	-	341
30	342	322	248	232	181	356	490	163	91	121	-	356
31	-	304	-	224	174	-	529	-	112	127	-	299
Total	9,584	9,446	8,309	7,781	8,889	10,769	9,413	11,270	4,094	4,266	5,922	9,544
Mean	319	305	277	251	287	359	304	376	132	138	211	308
Max.	374	527	431	313	580	524	529	720	193	282	311	371
Min.	176	170	170	150	174	143	150	143	88	74	82	216
Runoff - MCM.	828.058	816.134	717.898	672.278	768.010	930.442	813.283	973.728	353.722	368.582	511.662	824.602

WATER YEAR 1974 : Max. 720 Min. 74 Mean 272 Annual Runoff 8,578.397 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 7	08.00	106.58	848				

PING RIVER BASIN

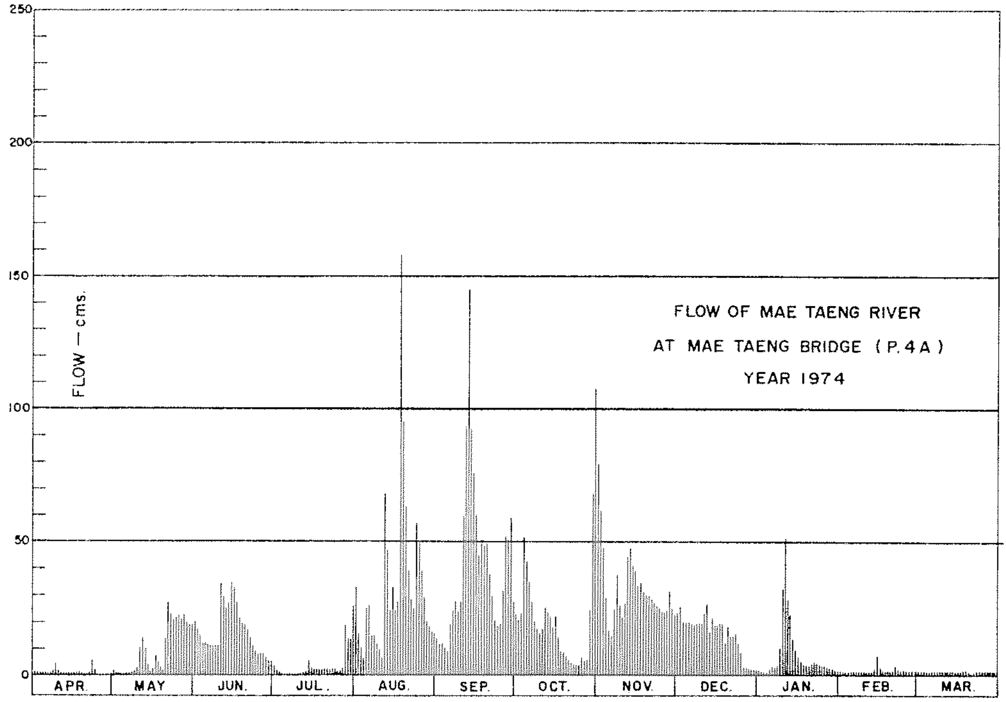
Mae Taeng River at Mae Taeng Bridge, Chiang Mai (P.4A)

Location:	Lat. 19°-07'-20" N., Long. 98°-56'-51" E., on right bank at highway bridge, Chiang Mai - Fang, Amphoe Mae Taeng, Chiang Mai.
Drainage Area:	1,902 Sq.km.
Type of Gage:	Staff gage
Zero Gage at Bottom at:	+ 333.745 m. (M.S.L.)
Bench Mark:	B.M. - H.S. RID No. 3
Location:	near the gage observer's house.
Elevation:	+ 336.934 m. (M.S.L.)
Gage Reading Frequency:	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, 1969 to date.
Rated by Float:	-
Rated by Current Meter:	1955-1960, 1967, 1969 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 1974. Upstream State diversions for irrigation of about 23,700 hectares at Mae Taeng Weir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	334.70	334.81	335.41	334.92	335.66	335.25	335.47	336.33	335.50	334.83	334.81	334.78
2	.70	.73	.36	.77	.35	.20	.43	.12	.53	.79	.80	.78
3	.70	.71	.28	.77	.18	.25	.51	335.88	.43	.77	.79	.78
4	.69	.70	.21	.76	.03	.17	.95	.61	.42	.76	.78	.78
5	.69	.70	.20	.75	.52	.12	.82	.35	.41	.83	.79	.78
6	334.68	334.70	335.19	334.75	335.54	335.38	335.68	335.30	335.40	334.91	334.79	334.79
7	.67	.69	.19	.74	.30	.51	.55	.53	.39	.89	.79	.79
8	.67	.69	.19	.75	.32	.57	.44	.75	.40	.92	.80	.80
9	.94	.69	.18	.74	.22	.49	.35	.55	.41	335.24	.79	.80
10	.75	.85	.18	.73	.12	.58	.33	.45	.42	.65	.79	.79
11	334.70	335.15	335.68	334.74	335.04	336.00	335.36	335.56	335.52	335.95	334.80	334.79
12	.69	.26	.58	.77	336.15	.21	.53	.82	.56	.59	.79	.78
13	.68	.20	.50	.77	335.97	.83	.49	.90	.34	.43	.79	.78
14	.68	334.97	.61	.97	.51	.41	.45	.80	.45	.27	.80	.78
15	.71	.78	.70	.91	.67	.22	.36	.76	.38	.15	335.07	.77
16	334.74	334.87	335.64	334.87	335.52	336.03	335.46	335.69	335.38	335.07	334.85	334.77
17	.76	335.05	.52	.84	.56	335.86	.20	.70	.42	334.99	.79	.77
18	.78	.01	.43	.85	336.93	.94	.09	.64	.42	.94	.79	.79
19	.75	334.87	.38	.85	.43	.91	.10	.60	.23	.93	.80	.79
20	.75	.77	.39	.86	.14	.93	.07	.61	.39	.93	.79	.77
21	334.74	335.42	335.34	334.86	335.78	335.76	335.03	335.59	335.30	334.94	334.79	334.76
22	.74	.56	.28	.86	.59	.61	334.97	.56	.29	335.00	.92	.76
23	.98	.47	.19	.86	.51	.48	.94	.53	.32	334.97	.83	.77
24	.74	.44	.12	.80	336.02	.39	.92	.51	.23	.95	.80	.77
25	.72	.45	.06	.78	335.95	.39	.93	.50	.13	.92	.84	.78
26	334.71	335.46	335.11	334.80	335.84	335.67	335.05	335.49	334.93	334.91	334.80	334.77
27	.70	.44	.10	.91	.63	.95	334.98	.51	.90	.89	.79	.77
28	.69	.48	.08	335.38	.44	.94	335.00	.65	.89	.87	.78	.77
29	.68	.41	.01	.28	.36	336.04	.27	.55	.88	.85	-	.77
30	.69	.39	344.99	.28	.31	335.62	.87	.48	.87	.83	-	.77
31	-	.39	-	.51	.32	-	336.54	-	.85	.82	-	.77
Mean	334.73	335.07	335.30	334.88	335.71	335.69	335.36	335.64	335.29	335.02	334.81	334.78
Max.	334.98	335.56	335.70	335.51	336.93	336.83	336.54	336.33	335.56	335.95	335.07	334.80
Min.	334.67	334.69	334.99	334.73	335.03	335.12	334.92	335.30	334.85	334.76	334.78	334.76

WATER YEAR 1974 : Max. 336.93 m. Min. 334.67 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.07	1.77	20	3.76	33	13	23	85	24	2.11	1.77	1.29
2	0.07	0.53	17	1.14	17	12	21	65	26	1.45	1.60	1.29
3	0.07	0.22	14	1.14	11	13	25	47	21	1.14	1.45	1.29
4	0.06	0.07	12	0.99	6.44	11	52	30	20	0.99	1.29	1.29
5	0.06	0.07	12	0.83	25	9.04	43	17	20	2.11	1.45	1.29
6	0.06	0.07	11	0.83	26	19	34	15	20	3.53	1.45	1.45
7	0.05	0.06	11	0.66	15	25	27	26	19	3.13	1.45	1.45
8	0.05	0.06	11	0.83	16	28	21	38	20	3.76	1.60	1.60
9	4.22	0.06	11	0.68	12	24	17	27	20	13	1.45	1.60
10	0.83	2.45	11	0.53	9.04	28	16	22	20	32	1.45	1.45
11	0.07	10	34	0.68	6.72	56	18	27	25	52	1.60	1.45
12	0.06	14	28	1.14	68	73	26	43	27	29	1.45	1.29
13	0.06	12	24	1.14	53	145	24	48	17	21	1.45	1.29
14	0.06	5.91	30	5.91	25	93	22	42	22	14	1.60	1.29
15	0.22	1.29	35	3.53	33	74	18	39	19	10	7.56	1.14
16	0.68	2.79	32	2.79	25	58	22	34	19	7.56	2.45	1.14
17	0.99	7.00	25	2.28	27	45	12	35	20	5.37	1.45	1.14
18	1.29	5.88	21	2.45	158	51	8.12	32	20	4.22	1.45	1.45
19	0.83	2.79	19	2.45	95	49	8.40	30	13	3.99	1.60	1.45
20	0.83	1.14	19	2.62	67	50	7.56	30	19	3.99	1.45	1.14
21	0.68	20	17	2.62	40	39	6.44	29	15	4.22	1.45	0.99
22	0.68	27	14	2.62	29	30	4.91	27	15	5.60	3.76	0.99
23	5.14	23	11	2.62	25	23	4.22	26	16	4.91	2.11	1.14
24	0.68	21	9.04	1.60	57	19	3.76	25	13	4.45	1.60	1.14
25	0.38	22	7.28	1.29	52	19	3.99	24	9.36	3.76	2.28	1.29
26	0.22	23	8.72	1.60	44	33	7.00	24	3.99	3.53	1.60	1.14
27	0.07	21	8.40	3.53	31	52	5.14	25	3.30	3.13	1.45	1.14
28	0.06	23	7.84	19	21	51	5.60	32	3.13	2.79	1.29	1.14
29	0.06	20	5.88	14	18	59	14	27	2.96	2.45	–	1.14
30	0.06	19	5.37	14	16	31	46	23	2.79	2.11	–	1.14
31	–	19	–	25	16	–	108	–	2.45	1.94	–	1.14
Total	18.66	306.16	491.53	124.28	1,077.20	1,232.04	654.14	994	497.98	253.24	52.56	39.17
Mean	0.62	9.88	16.4	4.01	34.7	41.1	21.1	33.1	16.0	8.17	1.88	1.26
Max.	5.14	27	35	25	158	145	108	85	27	52	7.56	1.60
Min.	0.05	0.06	5.37	0.53	6.44	9.04	3.76	16	2.45	0.99	1.29	0.99
Runoff - mcm.	1.612	26.452	42.468	10.738	93.070	106.448	56.518	85.882	43.025	21.880	4.541	3.384

WATER YEAR 1974 : Max. 158 Min. 0.05 Mean 15.7 Annual Runoff 496.019 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	15.00	337.36	225				

PING RIVER BASIN

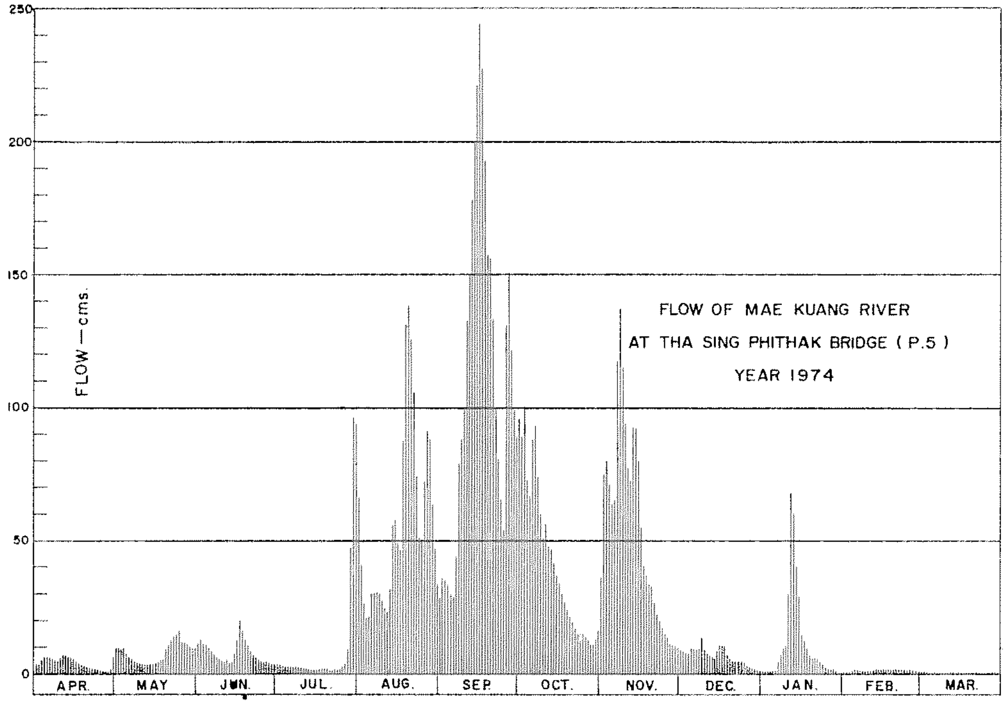
Mae Kuang River at Tha Sing Phitak Bridge, Lamphun (P.5)

Location:	Lat. 18°-34'-32" N., Long. 99°-00'-44" E., on right bank about 10 meters downstream from Tha Sing Phithak Bridge, Amphoe Muang, Lamphun.
Drainage Area:	1,569 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 289.30 m. (M.S.L.)
Bench Mark:	B.M. - H.S./RID No. 7
Location:	on right bank near abutment of bridge.
Elevation:	+ 295.790 m. (M.S.L.)
Gage Reading Frequency:	5-8 time daily readings at 01.00, 06.00, 09.00. 12.00, 15.00, 18.00, 21.00 and 24.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5-8 readings.
Period of Available Gage Records:	1951 to date.
Rating Operation:	
Period of Rating:	1954-1960, 1967 to date.
Rated by Float:	-
Rated by Current Meter:	1954-1960, 1967 to date.
Stability of Channel Regimes:	Fairly stable by some scouring, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 16 discharge measurements made in 1974. Upstream diversions for irrigation of about 9,600 hectares at Mae Kuang Weir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	289.43	289.70	289.82	289.43	291.15	290.32	291.77	290.58	289.70	289.26	289.07	289.26
2	.44	.72	.84	.42	290.63	.49	.63	291.36	.69	.24	.26	.25
3	.54	.70	.77	.42	.26	.48	.83	.46	.67	.24	.26	.25
4	.60	.72	.77	.39	.11	.45	.57	.30	.65	.24	.29	.23
5	.60	.63	.71	.40	.13	.36	.20	.13	.74	.22	.34	.24
6	289.56	289.56	289.65	289.38	290.34	290.33	291.60	291.17	289.72	289.28	289.33	289.25
7	.54	.53	.60	.38	.35	.52	.70	292.15	.72	.46	.32	.25
8	.49	.49	.56	.36	.38	291.41	.43	.47	.73	.62	.31	.23
9	.48	.46	.53	.39	.35	.61	.09	.23	.89	.75	.31	.22
10	.56	.45	.49	.37	.28	.79	290.86	291.85	.75	.77	.31	.22
11	289.59	289.43	289.47	289.34	290.18	292.39	290.97	291.45	289.66	290.11	289.32	289.22
12	.57	.42	.51	.33	.15	.52	.82	.32	.63	291.22	.33	.20
13	.56	.41	.45	.30	.43	293.13	.78	.70	.60	.08	.35	.18
14	.53	.43	.46	.30	.97	.46	.68	.69	.57	290.68	.34	.17
15	.50	.43	.66	.34	291.02	.78	.54	.45	.71	.24	.33	.14
16	289.46	289.44	289.83	289.34	290.81	294.08	290.45	290.98	289.78	289.93	289.33	289.13
17	.43	.47	290.09	.36	.72	293.85	.34	.65	.77	.85	.35	.12
18	.39	.54	289.97	.35	291.46	.44	.28	.52	.78	.74	.35	.10
19	.37	.56	.86	.33	292.35	292.80	.20	.46	.61	.62	.35	.14
20	.36	.71	.76	.35	.49	.78	.12	.43	.55	.57	.35	.12
21	289.35	289.79	289.67	289.31	292.28	292.44	290.05	290.32	289.53	289.59	289.35	289.11
22	.34	.86	.60	.31	.07	291.93	289.99	.16	.52	.56	.33	.14
23	.32	.89	.55	.34	291.43	.43	.93	.10	.51	.50	.35	.12
24	.29	.92	.53	.34	290.85	.15	.84	.00	.52	.47	.34	.15
25	.29	.96	.48	.34	.83	290.93	.91	289.92	.49	.39	.34	.13
26	289.29	289.82	289.47	289.42	291.38	292.38	289.87	289.89	289.42	289.35	289.34	289.07
27	.27	.80	.51	.44	.66	.70	.84	.79	.39	.35	.33	.06
28	.26	.79	.46	.64	.60	.22	.79	.79	.37	.35	.31	.08
29	.27	.74	.43	290.60	.29	291.91	.78	.76	.34	.31	-	.09
30	.59	.72	.43	291.77	290.86	.63	.84	.74	.31	.11	-	.10
31	-	.72	-	.73	.47	-	.99	-	.29	.09	-	.09
Mean	289.44	289.64	289.63	289.56	290.94	291.96	290.60	290.86	289.60	289.65	289.32	289.16
Max.	289.60	289.96	290.09	291.77	292.49	294.08	291.83	292.47	289.89	291.22	289.35	289.26
Min.	289.26	289.41	289.43	289.30	290.11	290.32	289.78	289.74	289.29	289.09	289.07	289.06

WATER YEAR 1974 : Max. 294.08 m. Min. 289.06 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.40	9.20	12	3.40	65	29	96	39	9.20	0.72	0.00	0.72
2	3.60	9.72	13	3.20	41	36	89	75	8.96	0.48	0.72	0.60
3	5.60	9.20	11	3.20	26	35	100	80	8.48	0.48	0.72	0.60
4	6.80	9.72	11	2.64	21	34	76	72	8.00	0.48	1.08	0.36
5	6.80	7.52	9.46	2.80	22	30	67	64	10	0.24	1.84	0.48
6	6.00	6.00	8.00	2.48	30	29	88	66	9.72	0.96	1.68	0.60
7	5.60	5.40	6.80	2.48	30	37	93	118	9.72	4.00	1.52	0.60
8	4.60	4.60	6.00	2.16	31	78	79	137	9.98	7.28	1.36	0.36
9	4.40	4.00	5.40	2.64	30	88	62	123	14	10	.36	0.24
10	6.00	3.80	4.60	2.32	27	98	51	101	10	11	1.36	0.24
11	6.60	3.40	4.20	1.84	24	132	56	80	8.24	21	1.52	0.24
12	6.20	3.20	5.00	1.68	23	140	49	73	7.52	68	1.68	0.00
13	6.00	3.00	3.80	1.20	33	178	47	93	6.80	61	2.00	0.00
14	5.40	3.40	4.00	1.20	56	201	43	92	6.20	43	1.84	0.00
15	4.80	3.40	8.24	1.84	58	223	38	80	9.46	26	1.68	0.00
16	4.00	3.60	13	1.84	49	244	34	57	11	15	1.68	0.00
17	3.40	4.20	20	2.16	45	227	30	42	11	13	2.00	0.00
18	2.64	5.60	17	2.00	80	199	27	37	11	10	2.00	0.00
19	2.32	6.00	13	1.68	130	158	24	34	7.04	7.28	2.00	0.00
20	2.16	9.46	11	2.00	138	156	21	33	5.80	6.20	2.00	0.00
21	2.00	11	8.48	1.36	126	135	19	29	5.40	6.60	2.00	0.00
22	1.84	13	6.80	1.36	113	105	17	23	5.20	6.00	1.68	0.00
23	1.52	14	5.80	1.84	79	79	15	21	5.00	4.80	2.00	0.00
24	1.08	15	5.40	1.84	51	65	13	18	5.20	4.20	1.84	0.00
25	1.08	16	4.40	1.84	50	54	15	15	4.60	2.64	1.84	0.00
26	1.08	12	4.20	3.20	76	132	14	14	3.20	2.00	1.84	0.00
27	0.84	12	5.00	3.60	91	151	13	11	2.64	2.00	1.68	0.00
28	0.72	11	4.00	7.76	88	122	11	11	2.32	2.00	1.36	0.00
29	0.84	10	3.40	40	72	104	11	11	1.84	1.36	–	0.00
30	6.60	9.72	3.40	96	51	89	13	10	1.36	0.00	–	0.00
31	–	9.72	–	94	35	–	17	–	1.08	0.00	–	0.00
Total	113.92	247.86	237.38	297.56	1,791	3,388	1,328	1,659	219.96	337.72	44.28	5.04
Mean	3.80	7.99	7.91	9.60	57.8	113	42.8	55.3	7.09	10.9	1.58	0.16
Max.	6.80	16	20	96	138	244	100	137	14	68	2.00	0.72
Min.	0.72	3.00	3.40	1.20	21	29	11	10	1.08	0.00	0.00	0.00
Runoff - mcm.	9.843	21.415	20.510	25.709	154.742	292.723	114.739	143.338	19.004	29.179	3.826	0.435

WATER YEAR 1974 : Max. 244 Min. 0.00 Mean 26.5 Annual Runoff 835.464 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.16.	12.00	294.09	244				

PING RIVER BASIN

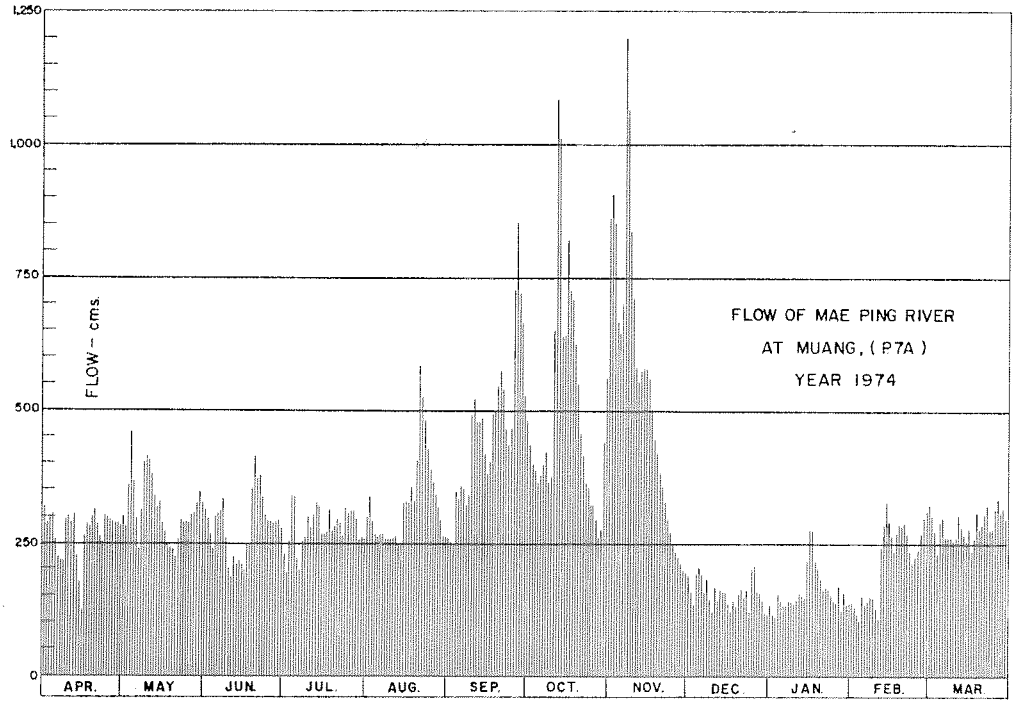
Mae Ping River at Muang Kamphaeng Phet (P.7A)

Location:	Lat. 16°-28'-38" N., Long. 99°-31'-06" E., on right bank about 100 meters upstream from Kamphaeng Phet Bridge, Ban Nakhon Chum, Amphoe Muang, Kamphaeng Phet.
Drainage Area:	42,700 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 72.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S. RID
Location:	near the gage observer's house.
Elevation:	+ 77.642 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1960 to date.
Rating Operation:	
Period of Rating:	1960-1961, 1967 to date.
Rated by Float:	
Rated by Current Meter:	1960-1961, 1967 to date.
Stability of Channel Regimes:	Stable, but there are some scouring and silting no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 23 discharge measurements made in 1974. Flow completely regulated by Bhumiphol Dam reservoir and diverted for irrigation of about 40,300 hectares above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	74.40	74.35	74.38	74.16	74.30	74.23	74.80	75.53	74.03	73.84	73.85	74.41
2	.31	.29	.35	.04	.45	.21	.71	.64	73.92	.77	.82	.36
3	.35	.51	.27	.23	.35	.20	.61	.54	.84	.74	.78	.27
4	.36	.75	.17	.17	.26	.48	.59	.23	74.03	.91	.71	.16
5	.22	.50	.35	.18	.25	.44	.52	.17	.08	.88	.90	.32
6	74.14	74.33	74.37	74.14	74.26	74.50	74.56	75.27	74.04	73.84	73.84	74.34
7	.11	.18	.38	.06	.26	.49	.61	.90	73.92	.84	.87	.24
8	.11	.42	.44	.22	.23	.41	.66	.81	74.00	.87	.90	.24
9	.33	.60	.27	.25	.23	.48	.52	.46	73.91	.87	.89	.24
10	.35	.64	.09	.35	.23	.83	.55	.27	.79	.85	.81	.22
11	74.31	74.63	74.00	74.29	74.23	74.91	74.86	75.05	73.95	73.87	73.73	74.25
12	.36	.56	.13	.35	.25	.80	75.88	74.98	.86	.92	74.16	.35
13	.19	.48	.09	.42	.20	.80	.83	75.03	.94	.90	.32	.28
14	73.98	.40	.12	.40	.21	.82	.16	.04	.92	.89	.43	.26
15	.78	.42	.09	.27	.42	.71	.16	.04	.92	74.01	.35	.22
16	74.24	74.33	74.05	74.25	74.43	74.56	75.50	75.00	73.86	74.28	74.27	74.29
17	.32	.28	.20	.28	.42	.64	.34	74.89	.80	.28	.17	.17
18	.30	.20	.20	.38	.50	.84	.30	.74	.86	.12	.27	.23
19	.36	.18	.48	.27	.43	.86	.12	.65	.82	.09	.31	.37
20	.38	.17	.64	.30	.48	.97	74.95	.57	.91	.02	.30	.29
21	74.33	74.13	74.53	74.34	75.05	75.03	74.76	74.49	73.94	73.94	74.32	74.31
22	.25	.24	.55	.31	74.98	74.97	.63	.42	.89	.95	.28	.36
23	.21	.33	.45	.25	.85	.80	.53	.35	.94	.97	.20	.41
24	.35	.32	.36	.40	.75	.70	.50	.26	.79	.93	.10	.28
25	.34	.31	.32	.36	.63	.78	.41	.21	74.07	.86	.14	.29
26	74.33	74.31	74.32	74.38	74.55	75.30	74.41	74.16	74.08	73.85	74.17	74.38
27	.32	.36	.31	.38	.48	.55	.34	.15	73.93	.98	.26	.44
28	.31	.37	.32	.34	.42	.36	.24	.12	.88	.80	.34	.37
29	.32	.42	.33	.23	.33	.26	.29	.06	.87	.92	–	.40
30	.30	.47	.28	.24	.25	74.95	.69	.05	.80	.84	–	.34
31	–	.43	–	.23	.25	–	75.02	–	.78	.85	–	.33
Mean	74.26	74.38	74.29	74.27	74.41	74.76	74.80	74.86	73.91	73.93	74.08	74.30
Max.	74.40	74.75	74.64	74.42	75.05	75.55	75.88	75.90	74.08	74.28	74.43	74.44
Min.	73.78	74.13	74.00	74.04	74.20	74.20	74.24	74.05	73.78	73.74	73.71	74.16

WATER YEAR 1974 : Max. 75.90 m. Min. 73.71 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	318	300	311	232	282	257	476	838	190	135	138	322
2	286	278	300	193	337	250	440	906	158	117	130	304
3	300	360	271	257	300	246	400	844	135	110	118	271
4	304	456	236	236	268	348	392	671	190	155	102	232
5	253	356	300	239	264	333	364	642	206	146	152	289
6	226	293	307	226	268	356	380	691	193	135	135	296
7	215	239	311	199	268	352	400	1,096	158	135	144	260
8	215	326	333	253	257	322	420	1,028	180	144	152	260
9	293	396	271	264	257	348	364	796	155	144	149	260
10	300	412	209	300	257	488	376	691	121	138	127	253
11	286	408	180	278	257	520	500	584	166	144	107	264
12	304	380	222	300	264	476	1,081	551	141	158	232	300
13	243	348	209	326	246	476	1,043	574	163	152	289	275
14	174	318	219	318	250	484	637	579	158	149	329	268
15	118	326	209	271	326	440	637	579	158	183	300	253
16	260	293	196	264	329	380	820	560	141	275	271	278
17	289	275	246	275	326	412	728	512	124	275	236	236
18	282	246	246	311	356	492	706	452	141	219	271	257
19	304	239	348	271	329	500	618	416	130	209	286	307
20	311	236	412	282	348	547	538	384	155	186	282	278
21	293	222	368	296	584	574	460	352	163	163	289	286
22	264	260	376	286	551	547	408	326	149	166	275	304
23	250	293	337	264	496	476	368	300	163	172	246	322
24	300	289	304	318	456	436	356	268	121	160	212	275
25	296	286	289	304	408	468	322	250	202	141	226	278
26	293	286	289	311	376	706	322	232	206	138	236	311
27	289	304	286	311	348	850	296	229	160	174	268	333
28	286	307	289	296	326	733	260	219	146	124	296	307
29	289	326	293	257	293	686	278	199	144	158	–	318
30	282	345	275	260	264	538	432	196	124	135	–	296
31	–	329	–	257	264	–	570	–	118	138	–	293
Total	8,123	9,732	8,442	8,455	10,155	14,041	15,392	15,965	4,859	4,978	5,998	8,786
Mean	270	314	281	273	327	468	496	532	157	160	214	283
Max.	318	456	412	326	584	850	1,081	1,096	206	275	329	333
Min.	118	222	180	193	246	246	260	196	118	110	102	232
Runoff - MCM.	701.827	840.845	729.389	730.512	877.392	1,213.142	1,329.869	1,379.376	419.818	430.099	518.227	759.110

WATER YEAR 1974 : Max. 1,096 Min. 118 Mean 315 Annual Runoff 9,929.606 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 7	18.00	76.23	1,362				

PING RIVER BASIN

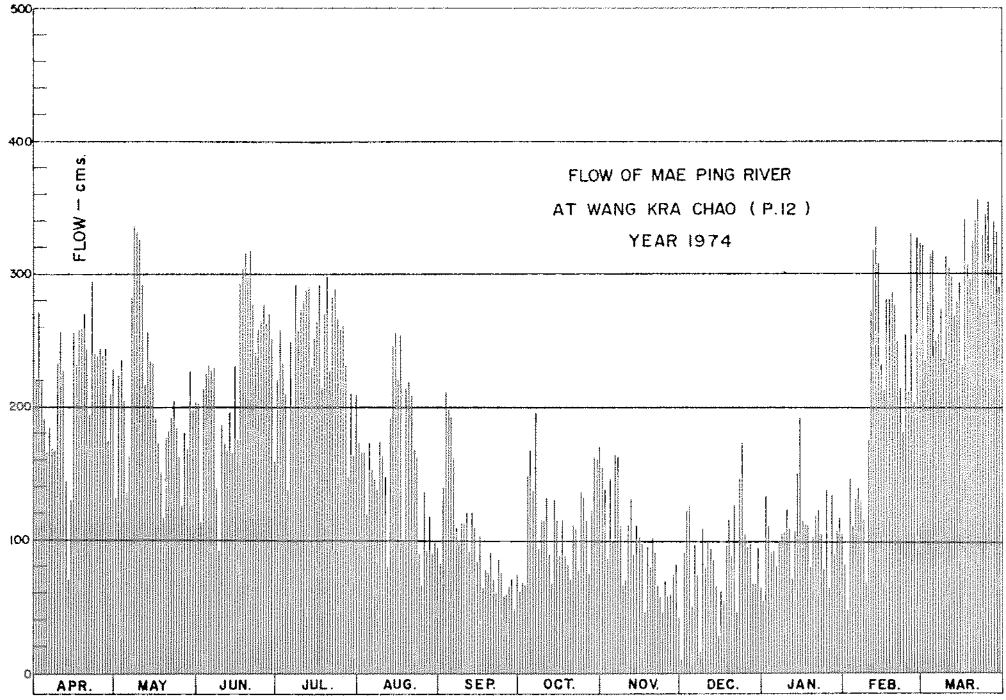
Mae Ping River at Wang Kra Chao, Tak (P.12)

Location:	Lat. 17°-14'-30" N., Long. 99°-00'-45" E., on right bank 4 kilometers downstream from Bhumiphol Dam reservoir, at Wang Kra Chao, Amphoe Sam Ngao, Tak.
Drainage Area:	26,396 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 134.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	about 25 meters north of the gage site.
Elevation:	+ 143.825 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1952 to date.
Rating Operation:	
Period of Rating:	1952 to date.
Rated by Float:	-
Rated by Current Meter:	1952 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment but periodic curve are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 1974. Flow regulated by Bhumiphol Dam reservoir and diverted for irrigation of about 28,000 hectares at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	135.33	134.88	135.18	135.12	134.90	134.43	134.32	134.80	134.03	134.28	134.43	135.59
2	.57	135.34	134.68	.31	.86	.73	.36	.72	.47	.69	.24	.20
3	.33	.40	135.23	.18	.86	135.09	.34	.45	.64	.58	.76	.40
4	.18	.25	.29	.08	.63	.02	.77	.76	.66	.48	.58	.57
5	.06	134.90	.33	134.72	.90	134.99	.87	.52	.26	.48	.68	.58
6	135.15	135.04	135.31	135.27	134.80	134.84	134.72	134.85	134.51	134.42	134.73	135.27
7	.07	.63	.32	.04	.76	.57	135.01	.84	.38	.52	.69	.30
8	.06	.87	134.82	.46	.72	.52	134.49	.58	.06	.55	.60	.38
9	.39	.85	.55	.31	.90	.59	.60	.34	.57	.56	.36	.21
10	.50	.83	.97	.38	.84	.59	.60	.37	.42	.64	.91	.56
11	135.36	135.67	134.90	135.41	134.76	134.63	134.69	134.57	134.52	134.57	135.38	135.5.
12	134.94	.31	.87	.45	.46	.48	.46	.68	.49	.37	.58	.49
13	.54	.50	135.01	.46	.99	.63	.34	.47	.45	.56	.66	.36
14	.87	.40	134.86	.18	135.25	.57	.68	.58	.34	.77	.53	.41
15	135.50	.39	135.18	.28	.30	.44	.58	.54	.13	.99	.19	.47
16	135.39	135.18	134.91	135.34	135.13	134.54	134.46	134.51	134.32	134.60	135.09	135.19
17	.51	.09	135.47	.46	.29	.33	.60	.23	.28	.59	.41	.68
18	.52	134.98	.52	.15	134.52	.41	.46	.50	.51	.58	.41	.55
19	.57	.80	.57	.36	135.10	.40	.43	.42	.60	.42	.44	.48
20	.45	135.11	.49	.49	.12	.47	.37	.53	.46	.54	.40	.61
21	135.20	135.14	135.58	135.16	135.07	134.37	134.58	134.47	134.66	134.62	135.27	135.68
22	.59	.19	.39	.42	134.87	.35	.57	.35	.23	.64	.11	.75
23	.43	.25	.23	.45	.84	.45	.41	.29	.76	.55	134.94	.39
24	.42	.15	.31	.35	.47	.40	.71	.23	.90	.41	135.29	.63
25	.44	.04	.35	.31	.35	.30	.69	.36	.56	.72	.09	.70
26	135.42	134.85	135.40	135.32	134.71	134.31	134.60	134.30	134.50	134.33	135.63	135.74
27	.46	135.13	.33	.18	.48	.34	.39	.31	.52	.70	.05	.57
28	.10	.07	.36	134.77	.66	.37	.64	.39	.35	.47	.62	.67
29	.28	.36	.27	135.08	.47	.24	.84	.43	.35	.56	-	.64
30	.37	.15	134.83	134.85	.52	.39	.83	.20	.49	.61	-	.46
31	-	.18	-	135.08	.50	-	.89	-	.34	.54	-	.68
Mean	135.30	135.25	135.18	135.24	134.80	134.53	134.59	134.49	134.44	134.56	135.07	135.51
Max.	135.59	135.87	135.58	135.49	135.30	135.09	135.01	134.85	134.90	134.99	135.66	135.75
Min.	134.54	134.80	134.55	134.72	134.35	134.24	134.34	134.20	134.03	134.28	134.24	135.20

WATER YEAR 1974 : Max. 135.87 m. Min. 134.03 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	221	132	204	219	174	82	62	154	11	55	82	321
2	271	223	114	259	166	140	69	138	90	132	48	235
3	221	235	213	231	166	212	66	86	123	111	146	278
4	191	205	225	210	121	198	148	146	127	92	111	316
5	167	136	232	138	174	192	168	99	51	92	131	318
6	185	163	228	250	154	162	138	164	97	80	140	250
7	169	283	230	202	146	109	196	162	73	99	132	256
8	167	336	138	292	138	99	94	111	16	105	115	274
9	233	331	93	259	174	113	115	66	109	107	69	237
10	256	326	188	274	162	113	115	71	80	123	176	314
11	227	292	174	281	146	121	132	109	99	109	274	305
12	144	217	168	289	88	92	88	131	94	71	318	298
13	70	256	196	291	192	121	66	90	86	107	336	270
14	130	235	166	231	246	109	131	111	66	148	307	281
15	256	233	231	252	256	84	111	103	28	192	233	294
16	233	191	176	265	221	103	88	97	62	115	212	233
17	258	173	294	292	254	64	115	46	55	113	281	341
18	260	151	305	225	99	78	88	95	97	111	281	312
19	271	117	316	270	214	76	82	80	115	80	287	296
20	245	177	298	298	219	90	71	101	88	103	278	325
21	195	183	318	227	208	71	111	90	127	119	250	341
22	295	193	276	283	168	67	109	67	46	123	216	357
23	241	205	241	289	162	86	78	57	146	105	182	276
24	239	185	259	267	90	76	136	46	174	78	254	330
25	243	163	267	259	67	58	132	69	107	138	212	345
26	239	126	278	261	136	60	115	58	95	64	330	354
27	248	181	263	231	92	66	75	60	99	134	204	316
28	175	169	270	148	127	71	123	75	67	90	327	339
29	211	227	250	210	90	48	162	82	67	107	–	332
30	229	198	160	164	99	75	160	40	94	117	–	292
31	–	204	–	210	95	–	172	–	66	103	–	341
Total	6,490	6,446	6,771	7,577	4,844	3,036	3,516	2,804	2,655	3,323	5,932	9,377
Mean	216	208	226	244	156	101	113	93.5	85.6	107	212	302
Max.	295	336	318	298	256	212	196	164	174	192	336	357
Min.	70	117	93	138	67	58	66	40	11	55	48	235
Runoff – mcm.	560.736	556.934	585.014	654.653	418.522	252.310	303.782	242.266	229.392	287.107	512.525	810.173

WATER YEAR 1974 : Max. 357 Min. 11 Mean 172 Annual Runoff 5,423.414 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Mar.29	23.00	136.20	462				

PING RIVER BASIN

Mae Taeng River at Kaeng Kut, Chiang Mai (P.13)

Location: Lat. 19°-12'-38" N., Long. 98°-52'-20" E., on left bank about 1 kilometer downstream from Ban Kut, Amphoe Mae Taeng, Chiang Mai.

Drainage Area: 1,765 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - RID No. 6

Location: near the gage site.
Elevation: -

Gage Reading Frequency: 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 hourly readings.

Period of Available Gage Records: 1952 to date.

Rating Operation:

Period of Rating: 1952-1972
Rated by Float: -
Rated by Current Meter: 1958-1972

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

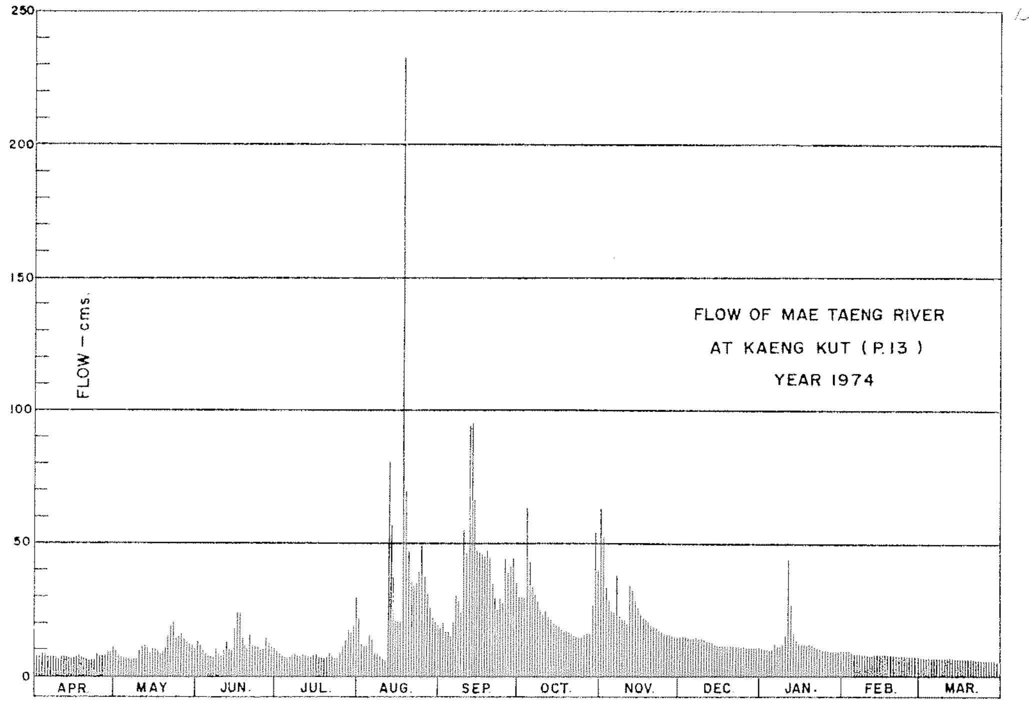
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 619 discharge measurements made during 1969-1971.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.67	0.75	0.86	0.73	1.18	1.02	1.26	1.74	0.93	0.79	0.73	0.64
2	.66	.67	.85	.69	0.94	.09	.22	.60	.92	.78	.73	.64
3	.69	.63	.75	.68	.83	.00	.27	.32	.91	.78	.72	.64
4	.72	.63	.69	.65	.82	0.99	.75	.23	.90	.78	.71	.63
5	.67	.62	.65	.64	1.27	.95	.56	.17	.89	.78	.71	.63
6	0.65	0.60	0.64	0.66	1.18	1.09	1.36	1.19	0.89	0.87	0.70	0.62
7	.64	.60	.64	.70	0.99	.29	.28	.40	.94	.85	.70	.62
8	.63	.59	.77	.68	1.01	.27	.23	.18	.91	.83	.69	.62
9	.62	.63	.67	.65	0.98	.17	.18	.13	.89	.83	.69	.60
10	.63	.75	.64	.65	.86	.65	.15	.12	.88	.98	.69	.60
11	0.63	0.80	1.10	0.69	0.83	1.55	1.18	1.25	0.87	1.50	0.68	0.59
12	.63	.81	0.95	.66	1.00	2.06	.21	.34	.86	.23	.68	.59
13	.63	.73	.85	.63	.93	.07	.10	.36	.86	0.97	.68	.58
14	.62	.71	.73	.62	.49	1.86	.08	.27	.85	.90	.68	.58
15	.63	.80	1.10	.67	.13	.69	.04	.20	.85	.87	.67	.58
16	0.66	0.75	1.14	0.68	1.11	1.54	1.04	1.15	0.85	0.85	0.67	0.58
17	.64	.73	.15	.64	.11	.45	.03	.12	.85	.84	.67	.57
18	.62	.69	0.94	.61	3.01	.43	.01	.12	.84	.83	.67	.57
19	.61	.76	.82	.62	1.90	.49	.00	.08	.84	.83	.67	.57
20	.60	.79	.77	.64	.59	.45	0.99	.06	.83	.82	.66	.57
21	0.60	1.02	0.92	0.69	1.39	1.35	0.96	1.03	0.83	0.80	0.66	0.56
22	.59	.04	.82	.64	.34	.25	.94	.02	.83	.79	.66	.56
23	.62	.07	.81	.61	.27	.19	.93	.00	.82	.78	.66	.56
24	.68	0.91	.79	.67	.53	.25	.92	0.99	.82	.77	.66	.56
25	.64	.94	.77	.75	.57	.23	.92	.98	.82	.76	.65	.55
26	0.67	0.97	0.79	0.80	1.43	1.50	0.97	0.97	0.81	0.75	0.65	0.55
27	.66	.86	.91	.82	.34	.41	.96	.96	.81	.75	.65	.55
28	.77	.87	.85	1.01	.23	.58	.98	.95	.81	.75	.64	.55
29	.72	.83	.80	0.98	.15	.51	1.21	.94	.80	.74	-	.56
30	.80	.80	.76	1.04	.10	.36	.64	.93	.80	.74	-	.58
31	-	.77	-	.27	.06	-	.43	-	.80	.74	-	.54
Mean	0.65	0.77	0.83	0.72	1.14	1.39	1.15	1.16	0.85	0.84	0.67	0.58
Max.	0.80	1.07	1.15	1.27	3.01	2.07	1.64	1.74	0.93	0.79	0.73	0.64
Min.	0.59	0.59	0.64	0.61	0.82	0.95	0.92	0.93	0.80	0.74	0.64	0.54

WATER YEAR 1974 : Max. 3.01 m. Min. 0.54 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.90	9.75	13	9.25	25	18	30	63	15	11	9.25	7.30
2	7.70	7.90	12	8.30	15	21	27	51	15	10	9.25	7.30
3	8.30	7.10	9.75	8.10	12	17	30	33	14	10	9.00	7.30
4	9.00	7.10	8.30	7.50	12	17	63	28	14	10	8.75	7.10
5	7.90	6.90	7.50	7.30	30	15	48	24	14	10	8.75	7.10
6	7.50	6.50	7.30	7.70	25	21	36	25	14	13	8.50	6.90
7	7.30	6.50	7.30	8.50	17	31	31	38	15	12	8.50	6.90
8	7.10	6.30	10	8.10	17	30	28	25	14	12	8.30	6.90
9	6.90	7.10	7.90	7.50	16	24	25	22	14	12	8.30	6.50
10	7.10	9.50	7.30	7.50	13	55	23	22	13	16	8.30	6.50
11	7.10	11	21	8.30	12	47	25	29	13	44	8.10	6.30
12	7.10	11	15	7.70	17	94	27	34	13	28	8.10	6.30
13	7.10	9.25	12	7.10	81	95	21	36	13	16	8.10	6.10
14	6.90	8.75	9.25	6.90	43	73	20	30	12	14	8.10	6.10
15	7.10	11	21	7.90	22	58	19	26	12	13	7.90	6.10
16	7.70	9.75	23	8.10	21	47	19	23	12	12	7.90	6.10
17	7.30	9.25	23	7.30	21	41	18	22	12	12	7.90	5.90
18	6.90	8.30	15	6.70	232	40	17	22	12	12	7.90	5.90
19	6.70	10	12	6.90	77	43	17	20	12	12	7.90	5.90
20	6.50	11	10	7.30	50	41	17	19	12	12	7.70	5.90
21	6.50	18	15	8.30	37	35	16	18	12	11	7.70	5.70
22	6.30	19	12	7.30	34	29	15	18	12	11	7.70	5.70
23	6.90	20	11	6.70	30	25	15	17	12	10	7.70	5.70
24	8.10	14	11	7.90	46	29	15	17	12	10	7.70	5.70
25	7.30	15	10	9.75	49	28	15	16	12	10	7.50	5.50
26	7.90	16	11	11	40	44	16	16	11	10	7.50	5.50
27	7.70	13	14	12	34	39	16	16	11	10	7.50	5.50
28	10	13	12	17	28	50	16	15	11	10	7.30	5.50
29	9.00	12	11	16	23	45	27	15	11	9.50	–	5.70
30	11	11	10	19	21	36	54	15	11	9.50	–	6.10
31	–	10	–	30	19	–	40	–	11	9.50	–	5.30
Total	227.80	334.95	368.60	298.90	1,119.00	1,188.00	786.00	755.00	391.00	401.50	218.80	192.30
Mean	7.59	10.8	12.2	9.64	36.0	39.6	25.3	25.1	12.6	12.9	7.81	6.20
Max.	11	20	23	30	232	95	54	63	15	11	9.25	7.30
Min.	6.30	6.30	7.30	6.70	12	15	15	15	11	9.50	7.30	5.30
Runoff – mcm.	19.681	28.939	31.947	25.824	96.681	102.643	67.910	65.232	33.782	34.689	18.904	16.614

WATER YEAR 1974 : Max. 232 Min. 5.30 Mean 17.2 Annual Runoff 542.751 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	10.00	3.32	290				

PING RIVER BASIN

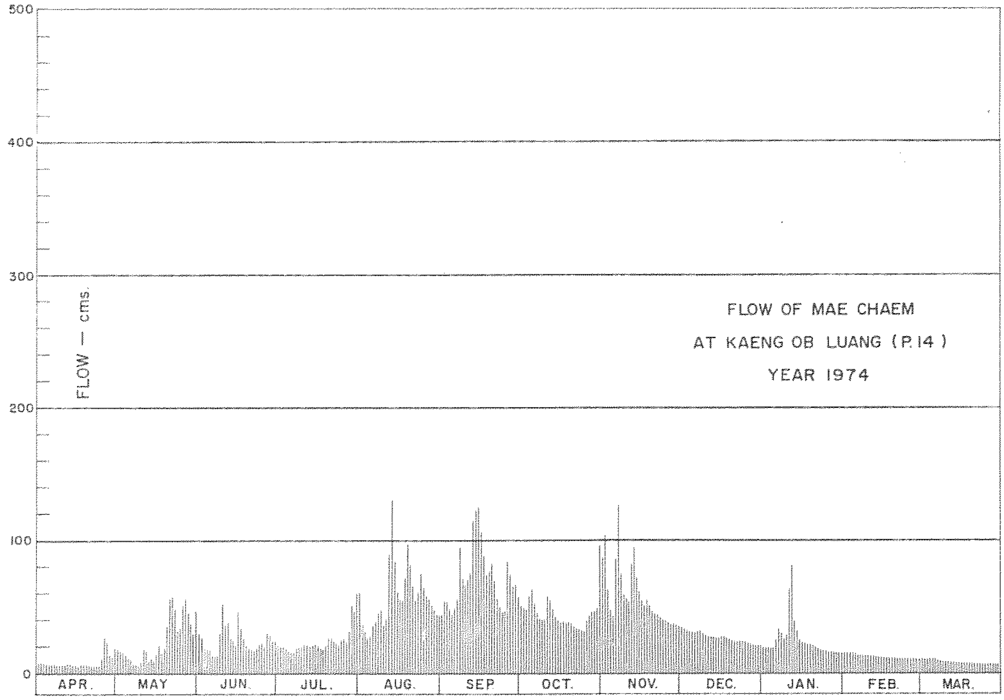
Mae Chaem at Kaeng Ob Luang, Chiang Mai (P.14)

Location:	Lat. 18°-13'-49" N., Long. 98°-33'-35" E., on right bank near the bridge on Hot - Mae Sariang highway at kilometer marker 7+500, Amphoe Hot, Chiang Mai.
Drainage Area:	3,853 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 275.844 m. (M.S.L.)
Bench Mark:	B.M. - H.S. RID No. 13
Location:	infront of the office of station P14
Elevation:	+ 282.079 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1953 to date.
Rating Operation:	
Period of Rating:	1954-1960, 1967 to date.
Rated by Float:	-
Rated by Current Meter:	1954-1960, 1967 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 13 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	276.84	277.06	277.21	277.06	277.55	277.38	277.46	277.78	277.30	277.09	277.02	276.93
2	.84	.02	.20	.06	.32	.49	.43	.92	.27	.08	.02	.92
3	.84	.00	.07	.08	.22	.49	.42	.59	.26	.08	.02	.92
4	.84	276.97	.04	.05	.17	.43	.50	.44	.24	.08	.02	.92
5	.83	.95	.04	.01	.19	.38	.63	.37	.24	.08	.01	.92
6	276.82	276.91	276.96	277.00	277.29	277.44	277.47	277.84	277.23	277.20	277.00	276.92
7	.82	.82	.94	.02	.33	.51	.41	278.08	.26	.27	276.99	.90
8	.81	.80	.99	.07	.41	.85	.36	277.70	.26	.22	.99	.89
9	.81	.79	277.27	.07	.42	.65	.34	.55	.23	.18	.98	.88
10	.80	.85	.46	.08	.29	.61	.35	.51	.21	.22	.97	.88
11	276.82	277.04	277.29	277.10	277.36	277.67	277.53	277.50	277.20	277.59	276.97	276.87
12	.85	.06	.41	.11	.72	.69	.52	.74	.19	.74	.96	.87
13	.82	276.84	.17	.09	278.11	.99	.43	.86	.19	.36	.96	.87
14	.81	.91	.14	.09	277.94	278.05	.38	.68	.18	.23	.96	.86
15	.80	.87	.08	.12	.58	.07	.34	.57	.18	.17	.95	.85
16	276.80	277.01	277.41	277.08	277.51	277.93	277.32	277.50	277.19	277.14	276.95	276.85
17	.83	.10	.28	.06	.50	.81	.34	.46	.18	.13	.94	.85
18	.83	.00	.18	.05	.64	.67	.31	.51	.18	.12	.94	.85
19	.82	277.06	.10	.09	.86	.70	.33	.47	.17	.11	.94	.85
20	.82	.36	.05	.17	.74	.74	.32	.42	.16	.10	.94	.85
21	276.80	277.51	277.04	277.18	277.59	277.63	277.28	277.40	277.15	277.09	276.94	276.85
22	.80	.53	.04	.14	.50	.50	.27	.37	.15	.07	.94	.84
23	.80	.43	.07	.12	.57	.44	.26	.36	.15	.05	.94	.84
24	.80	.23	.10	.10	.68	.41	.25	.35	.16	.05	.94	.84
25	.91	.27	.13	.15	.59	.42	.25	.34	.15	.04	.94	.84
26	277.17	277.48	277.09	277.18	277.53	277.76	277.34	277.33	277.14	277.04	276.94	276.84
27	.16	.51	.22	.14	.51	.69	.37	.32	.13	.03	.94	.84
28	276.99	.41	.21	.24	.47	.60	.42	.32	.12	.02	.94	.84
29	.95	.29	.14	.47	.43	.62	.42	.31	.12	.02	-	.84
30	277.05	.21	.14	.42	.38	.53	.44	.30	.11	.02	-	.84
31	-	.42	-	.54	.37	-	.86	-	.10	.02	-	.84
Mean	276.86	277.11	277.15	277.13	277.51	277.63	277.40	277.53	277.19	277.15	276.97	276.87
Max.	277.17	277.53	277.46	277.54	278.11	278.07	277.86	278.08	277.30	277.74	277.02	276.93
Min.	276.80	276.79	276.94	277.00	277.17	277.38	277.25	277.30	227.10	277.02	276.94	276.84

WATER YEAR 1974 : Max. 278.11 m. Min. 276.80 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.12	19	29	19	60	44	51	87	36	20	16	11
2	7.12	16	28	19	38	54	48	104	34	20	16	11
3	7.12	15	19	20	30	54	47	64	33	20	16	11
4	7.12	13	17	18	26	48	55	49	32	20	16	11
5	6.64	12	17	16	28	44	69	43	32	20	16	11
6	6.16	10	13	15	36	49	52	94	31	28	15	11
7	6.16	6.16	12	16	39	56	46	126	33	34	14	10
8	5.68	5.20	14	19	46	95	42	77	33	30	14	9.52
9	5.68	4.88	34	19	47	71	40	60	31	27	14	9.04
10	5.20	7.60	51	20	36	67	41	56	29	30	13	9.04
11	6.16	17	36	21	42	73	58	55	28	64	13	8.56
12	7.60	19	46	22	79	76	57	82	28	82	13	8.56
13	6.16	7.12	26	20	130	114	48	96	28	42	13	8.56
14	5.68	10	24	20	107	122	44	75	27	31	13	8.08
15	5.20	8.56	20	22	63	125	40	62	27	26	12	7.60
16	5.20	16	46	20	56	105	38	55	28	24	12	7.60
17	6.64	21	35	19	55	90	40	51	27	23	12	7.60
18	6.64	15	27	18	70	73	37	56	27	22	12	7.60
19	6.16	19	21	20	96	77	39	52	26	22	12	7.60
20	6.16	42	18	26	82	82	38	47	25	21	12	7.60
21	5.20	56	17	27	64	69	35	45	25	20	12	7.60
22	5.20	58	17	24	55	55	34	43	25	19	12	7.12
23	5.20	48	19	22	62	49	33	42	25	18	12	7.12
24	5.20	31	21	21	75	46	32	41	25	18	12	7.12
25	10	34	23	25	64	47	32	40	25	17	12	7.12
26	26	53	20	27	58	84	40	39	24	17	12	7.12
27	25	56	30	24	56	76	43	39	23	17	12	7.12
28	14	46	29	32	52	65	47	38	22	16	12	7.12
29	12	36	24	52	48	68	47	37	22	16	–	7.12
30	18	29	24	47	44	58	49	36	22	16	–	7.12
31	–	47	–	59	43	–	96	–	21	16	–	7.12
Total	251.40	777.52	757	749	1,787	2,136	1,418	1,790	854	796	370	261.76
Mean	8.38	25.1	25.2	24.2	57.6	71.2	45.7	59.7	27.5	25.7	13.2	8.44
Max.	26	58	51	59	130	125	96	126	36	82	16	11
Min.	5.20	4.88	12	15	26	44	32	36	21	16	12	7.12
Runoff - mcm.	21.721	67.178	65.405	64.713	154.397	184.550	122.515	154.656	73.786	68.774	31.968	22.616

WATER YEAR 1974 : Max. 130 Min. 4.88 Mean 32.7 Annual Runoff 1,032.279 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 13	13.00	278.29	156				

PING RIVER BASIN

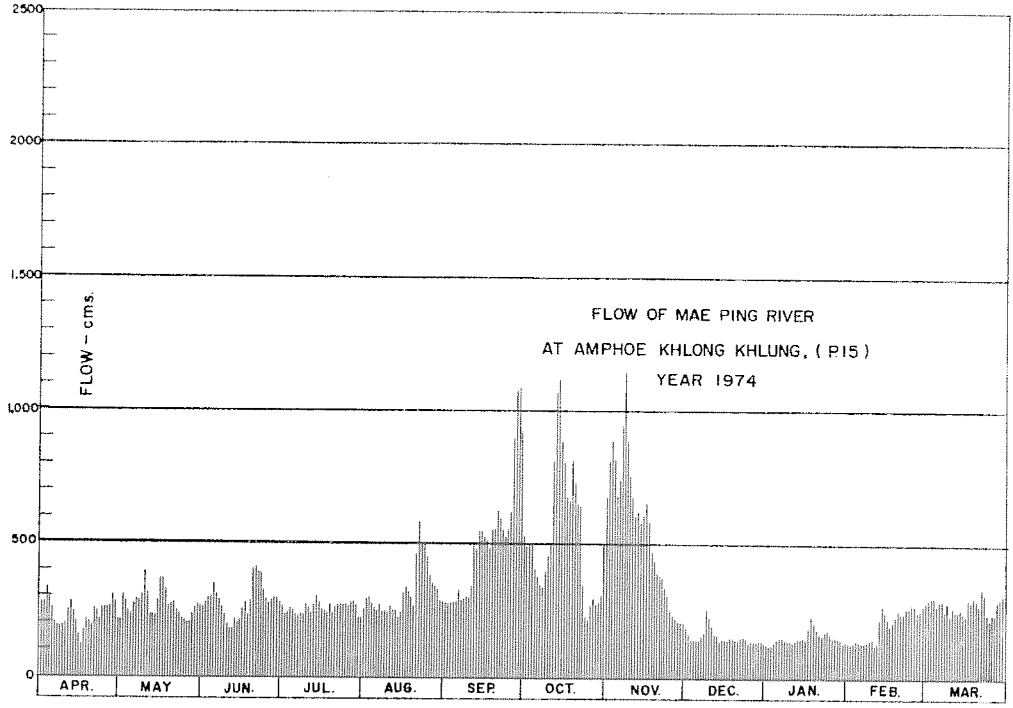
Mae Ping River at Amphoe Khlong Khlung, Kamphaeng Pet (P.15)

Location:	Lat. 16°-12'-50" N., Long. 99°-43'-26" E., on right bank infront of Wat Si Phiron, Amphoe Khlong Khlung, Kamphaeng Pet.
Drainage Area:	43,805 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 51.555 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the top of vertical staff gage.
Elevation:	+ 56.442 m. (M.S.L.)
Gage Reading Frequency:	7-time daily readings at 06.00, 09.00, 12.00, 15.00, 18.00, 24.00 and 01.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 7 readings.
Period of Available Gage Records:	1954 to date.
Rating Operation:	
Period of Rating:	1967-1973.
Rated by Float:	-
Rated by Current Meter:	1967-1973.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 4 discharge measurements made in 1974. Flow regulated by Bhumiphol Dam reservoir.
Remarks:	Asterisk (*) designates the discharges estimated on basis of 4 discharge measurements and records for near by station.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	54.11	53.90	54.09	54.08	54.04	54.13	54.80	55.04	53.82	53.58	53.60	54.15
2	.11	54.21	.14	53.98	.21	.11	.69	.34	.74	.53	.58	.21
3	.27	.13	.19	54.00,	.20	.13	.75	.52	.65	.54	.61	.21
4	.21	.01	.19	.09	.10	.13	.76	.41	.64	.62	.64	.19
5	.06	53.97	.33	.00	.08	.14	.52	.12	.63	.65	.61	.11
6	53.85	54.13	54.21	53.96	54.03	54.27	54.40	55.22	53.64	53.68	53.58	54.16
7	.78	.17	.16	.96	.12	.14	.32	.63	.71	.65	.58	.17
8	.79	.15	.11	.99	.02	.20	.30	56.05	.74	.63	.61	.02
9	.82	.22	53.99	.97	.03	.19	.49	55.63	54.09	.63	.65	.15
10	.85	.45	.84	54.11	.01	.16	.57	.29	53.98	.62	.69	53.96
11	54.02	54.21	53.77	54.07	54.08	54.35	54.75	55.10	53.83	53.58	53.55	54.09
12	.13	53.96	.76	.00	.02	.71	55.44	54.94	.72	.65	.60	.03
13	.02	.96	.92	.11	.02	.67	.84	.99	.71	.67	.93	.02
14	53.88	.96	.86	.19	53.92	.83	.99	.88	.64	.67	54.10	.06
15	.67	54.16	.90	.14	54.05	.83	.54	.96	.66	.62	.05	.04
16	53.50	54.38	54.04	54.04	54.23	54.76	55.42	55.05	53.68	53.64	53.94	53.99
17	.76	.37	.13	.02	.30	.73	.10	54.93	.64	.85	.87	54.18
18	.90	.26	53.96	.01	.25	.67	.07	.71	.67	.99	.89	.15
19	.85	.06	54.17	.10	.18	.83	.39	.58	.67	.90	.99	.19
20	.82	.10	.48	53.99	.07	.84	.23	.44	.66	.82	54.06	.21
21	54.05	54.11	54.49	54.09	54.68	54.99	55.05	54.40	53.65	53.72	53.99	54.11
22	.02	.05	.44	.10	.89	.92	.02	.40	.67	.71	54.03	.30
23	53.89	53.97	.44	.10	.71	.81	54.37	.28	.70	.77	.10	.24
24	54.05	.91	.26	.07	.71	.77	53.97	.23	.66	.79	.08	.00
25	.05	.88	.14	.11	.60	.89	.92	.05	.58	.73	.12	53.92
26	54.03	53.85	54.11	54.09	54.41	55.01	54.12	53.96	55.59	53.68	54.14	54.00
27	.09	.89	.16	.14	.32	.72	.17	.97	.65	.66	.02	53.98
28	.21	54.01	.17	.15	.30	.90	.10	.91	.64	.66	.08	54.18
29	.13	.09	.17	.10	.26	.91	53.98	.86	.63	.64	-	.18
30	53.91	.10	.13	53.93	.17	.55	54.23	.88	.65	.59	-	.22
31	-	.08	-	.92	.13	-	.83	-	.59	.63	-	.21
Mean	53.96	54.09	54.12	54.05	54.23	54.71	54.75	54.79	53.69	53.68	53.85	54.12
Max.	54.27	54.45	54.49	54.19	54.89	55.91	55.99	56.05	54.09	53.99	54.14	54.30
Min.	53.50	53.85	53.76	53.92	53.92	54.11	53.92	53.86	53.58	53.53	53.55	53.92

WATER YEAR 1974 : Max. 56.05 m. Min. 53.50 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	275	*214	*269	266	254	282	542	652	192	132	136	289
2	275	*309	*286	236	309	275	494	795	171	121	132	309
3	330	*282	*303	242	306	282	520	884	148	123	138	309
4	309	*245	*303	269	272	282	524	829	146	141	146	303
5	260	*234	*351	242	266	286	424	689	143	148	138	275
6	200	*282	*309	231	251	330	378	736	146	155	132	292
7	182	*292	*292	231	279	286	348	939	163	148	132	296
8	184	*289	*275	239	248	306	340	1,159	171	143	138	248
9	192	*313	*239	234	251	303	412	939	269	143	148	289
10	200	*397	*198	275	245	292	444	770	236	141	158	231
11	248	*309	*179	263	266	359	520	680	195	132	125	269
12	282	*231	176	242	248	502	844	606	165	148	136	251
13	*248	*231	220	275	248	485	1.047	629	163	153	222	248
14	*209	*231	203	303	220	556	1,127	579	146	153	272	260
15	*153	*292	214	286	257	556	894	616	150	141	257	254
16	*114	*370	254	254	316	524	834	657	155	146	225	239
17	*176	*367	282	248	340	511	680	602	146	200	206	299
18	*214	*326	231	245	323	485	666	502	153	239	211	289
19	*200	*260	296	272	299	556	819	448	153	214	239	303
20	*192	*272	408	239	263	560	741	393	150	192	260	309
21	*257	*275	412	269	490	629	657	378	148	165	239	275
22	*248	*257	393	272	583	597	643	378	153	163	251	340
23	*211	*234	393	272	502	547	367	333	160	179	272	320
24	*257	*217	326	263	502	529	234	316	150	184	266	242
25	*257	*209	286	275	456	583	220	257	132	168	279	220
26	*251	*200	275	269	382	639	279	231	134	155	286	242
27	*269	*211	292	286	348	984	296	234	148	150	248	236
28	*309	*245	296	289	340	1,078	272	217	146	150	266	299
29	*282	*269	296	272	326	1,083	236	203	143	146	–	299
30	*217	*272	282	222	296	899	316	209	148	134	–	313
31	–	*266	–	220	282	–	556	–	134	143	–	309
Total	7,001	8,401	8,539	8,001	9,968	15,586	16,674	16,860	4,957	4,850	5,658	8,657
Mean	233	271	285	258	321	519	539	562	160	156	202	279
Max.	330	397	412	303	583	1,083	1,127	1,159	269	280	286	340
Min.	114	200	176	220	220	275	220	203	132	121	125	220
Runoff - mcm.	604.886	725.846	737.770	691.286	861.235	1,346.630	1,440.634	1,456.704	428.285	419.040	488.851	747.925

WATER YEAR 1974 : Max. 1,159 Min. 315 Mean 114 Annual Runoff 9,949.132 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 14	12.00	56.12	1,197				

PING RIVER BASIN

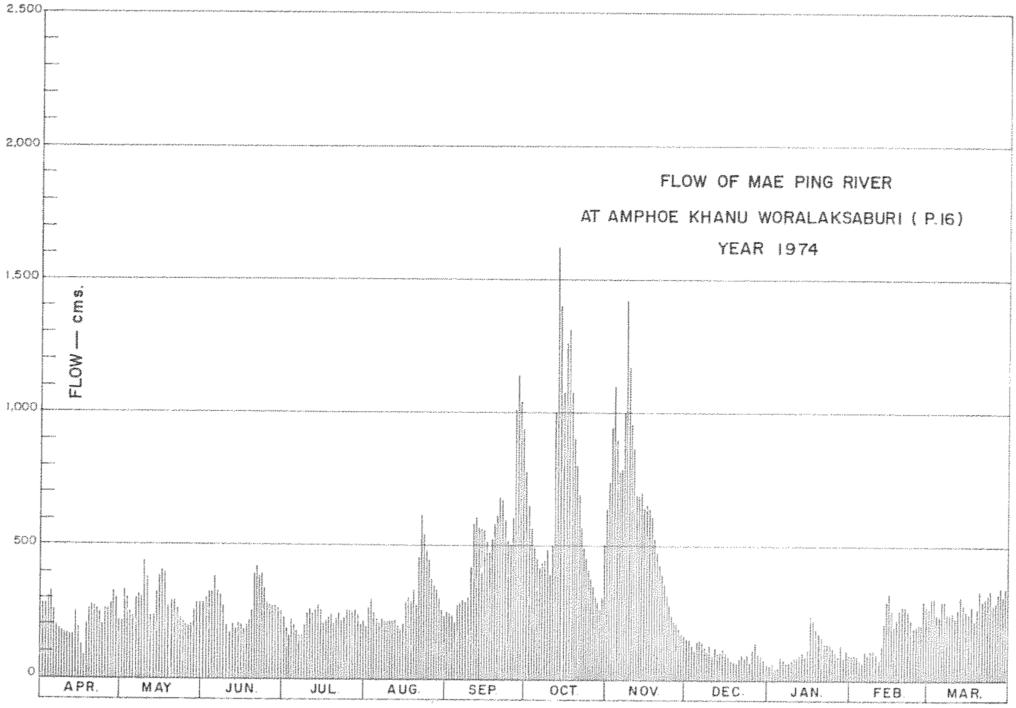
Mae Ping River at Amphoe Khanu Woralaksaburi, Kamphaeng Phet (P.16)

Location:	Lat. 16^{0}–03'–42" N., Long. 99^{0}–51'–51" E., on right bank about 100 meters infront of district office of Amphoe Khanu Woralaksaburi, Kamphaeng Phet.
Drainage Area:	45,677 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 41.780 m. (M.S.L.)
Bench Mark:	B.M. – H.S. P16
Location:	near the top of the vertical staff gage.
Elevation:	+ 45.976 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1954 to date.
Rating Operation:	
Period of Rating:	1960, 1967–1974.
Rated by Float:	–
Rated by Current Meter:	1960, 1967–1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 4 discharge measurements made in 1974. Flow regulated by Bhumiphol Dam reservoir and diverted for irrigation of about 40,300 hectares above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	43.56	43.38	43.56	43.45	43.34	43.49	44.44	44.33	43.23	42.87	43.03	43.51
2	.56	.67	.61	.32	.50	.46	.29	.67	.22	.92	.03	.61
3	.59	.60	.65	.24	.60	.43	.14	.99	.10	.85	.02	.61
4	.67	.48	.65	.41	.48	.37	43.99	.77	.04	.84	.00	.46
5	.51	.44	.78	.37	.42	.56	.90	.50	.19	43.01	42.91	.43
6	43.39	43.60	43.67	43.32	43.39	43.56	43.83	44.51	43.22	42.98	43.08	43.57
7	.33	.63	.62	.24	.41	.59	.88	.78	.19	.93	.04	.59
8	.30	.61	.60	.25	.39	.55	.89	45.42	.08	.93	.08	.47
9	.28	.68	.46	.34	.40	.60	.98	.10	.16	.97	.09	.46
10	.28	.89	.32	.45	.38	.81	.80	44.77	.08	.98	.08	.48
11	43.25	43.67	43.25	43.50	43.39	44.17	43.95	44.55	42.99	42.99	43.03	43.42
12	.26	.43	.36	.45	.40	.21	44.61	.34	43.12	43.01	42.93	.53
13	.49	.43	.32	.50	.36	.14	45.67	.34	.04	.06	43.31	.60
14	.36	.62	.37	.53	.31	.13	.37	.37	.10	.07	.51	.55
15	.16	.78	.37	.50	.36	.13	44.94	.28	.07	.01	.64	.50
16	43.01	43.82	43.32	43.37	43.55	44.05	45.20	44.30	43.05	43.14	43.55	43.47
17	.37	.81	.34	.38	.61	43.95	.26	.26	.00	.47	.45	.54
18	.50	.71	.39	.41	.53	44.05	44.96	.14	42.92	.41	.36	.42
19	.53	.53	.49	.47	.66	.17	.83	43.99	.95	.31	.48	.49
20	.54	.57	.79	.36	.54	.22	.59	.94	.92	.29	.53	.66
21	43.52	43.58	43.85	43.42	43.78	44.34	44.38	43.82	43.02	43.24	43.53	43.57
22	.49	.52	.77	.48	44.22	.33	.14	.75	.03	.16	.54	.61
23	.37	.44	.80	.39	.10	.21	.00	.65	42.98	.16	.46	.62
24	.52	.39	.68	.42	43.97	.04	43.87	.57	43.04	.17	.39	.67
25	.52	.36	.56	.52	.91	.01	.81	.49	42.91	.14	.31	.54
26	43.50	43.33	43.54	43.49	43.76	44.21	43.71	43.42	43.13	43.06	43.38	43.55
27	.56	.37	.53	.48	.70	.86	.64	.38	.19	.04	.37	.63
28	.67	.48	.54	.49	.69	45.04	.56	.35	.02	.16	.58	.69
29	.60	.56	.52	.47	.59	44.84	.48	.26	42.98	42.99	–	.63
30	.39	.57	.49	.35	.50	.73	.62	.25	.96	43.10	–	.69
31	–	.55	–	.38	.44	–	44.12	–	.90	.02	–	.70
Mean	43.43	43.56	43.54	43.41	43.57	44.03	44.23	44.17	43.05	43.07	43.27	43.55
Max.	43.67	43.89	43.85	43.53	44.22	45.04	45.67	45.42	43.23	43.47	43.64	43.70
Min.	43.01	43.33	43.25	43.24	43.34	43.37	43.48	43.25	42.90	42.84	42.91	43.42

WATER YEAR 1974 : Max. 45.67 m. Min. 42.84 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	286	212	286	240	196	256	744	678	156	53	95	264
2	286	336	309	188	260	244	654	889	153	65	95	309
3	300	304	327	160	304	232	572	1,105	116	49	92	309
4	336	252	327	224	252	208	491	956	98	47	86	244
5	264	236	387	208	228	286	446	780	143	89	63	232
6	216	304	336	188	216	286	411	786	153	81	110	291
7	192	318	313	160	224	300	436	962	143	68	98	300
8	180	309	304	163	216	282	441	1,427	110	68	110	248
9	173	341	244	196	220	304	486	1,184	134	78	113	244
10	173	441	188	240	212	401	396	956	110	81	110	252
11	163	336	163	260	216	588	471	813	83	83	95	228
12	166	232	204	240	220	610	850	684	122	89	68	273
13	256	232	188	260	204	572	1,622	684	98	104	184	304
14	204	313	208	273	184	566	1,398	702	116	107	264	282
15	134	387	208	260	204	566	1,071	648	107	89	322	260
16	89	406	188	208	282	523	1,260	660	101	128	282	248
17	208	401	196	212	309	471	1,306	638	86	248	240	278
18	260	355	216	224	273	523	1,085	572	68	224	204	228
19	273	273	256	248	332	588	996	491	73	184	252	256
20	278	291	391	204	278	615	839	466	65	177	273	332
21	269	295	421	228	387	684	708	406	92	160	273	391
22	256	269	381	252	615	678	572	373	95	134	278	309
23	208	236	396	216	550	610	496	327	81	134	244	313
24	269	216	341	228	481	518	431	291	98	137	216	336
25	296	204	286	269	451	501	401	256	63	128	184	278
26	260	192	278	256	378	610	355	228	125	104	212	282
27	286	208	273	252	350	1,017	322	212	143	98	308	318
28	336	252	278	256	345	1,148	286	200	92	134	295	345
29	304	286	269	248	300	1,003	252	166	81	83	-	318
30	216	290	256	200	260	928	313	163	76	116	-	345
31	-	282	-	212	236	-	561	-	60	92	-	350
Total	7,110	9,009	8,418	6,973	9,183	16,118	20,663	18,704	3,241	3,432	5,066	8,867
Mean	237	291	281	225	296	537	666	623	104	111	181	286
Max.	336	441	421	273	615	1,148	1,622	1,427	156	248	322	350
Min.	89	192	163	160	196	208	252	163	60	47	63	228
Runoff - mcm.	614.304	778.378	727.315	602.467	793.411	1,392.595	1,785.283	1,616.026	280.022	296.525	437.702	766.109

WATER YEAR 1975 : Max. 1,622 Min. 47 Mean 320 Annual Runoff 10,090.138 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 13	18.00	45.81	1,739				

PING RIVER BASIN

Mae Ping River at Amphoe Banphot Phisai, Nakhon Sawan (P.17)

Location: Lat. 15°-56'-02" N., Long. 99°-58'-49" E., on right bank about 300 meters upstream from district office, Tambon Sieo, Amphoe Banphot Phisai, Nakhon Sawan.

Drainage Area: 45,851 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 32.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: At the post of transmission line near gage site.
Elevation: + 37.697 m. (M.S.L.)

Gage Reading Frequency: 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.
Rated by Float: -
Rated by Current Meter: 1960, 1967-1974.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

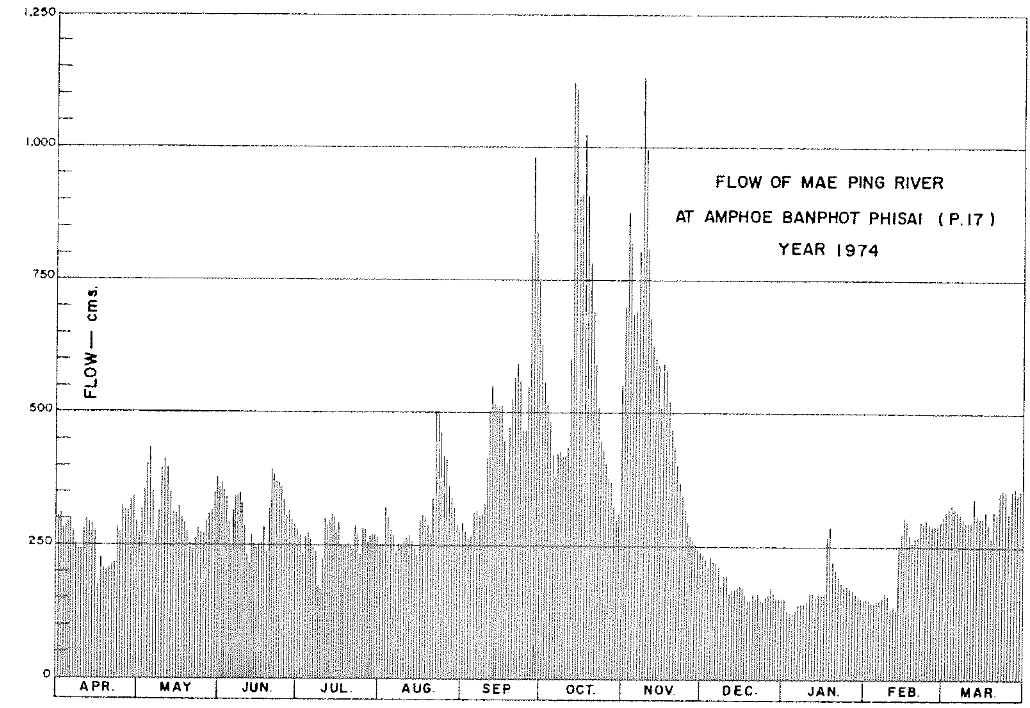
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 4 discharge measurements made in 1972. Flow regulated by Bhumiphol Dam reservoir and diverted for irrigation of about 40,300 hectares above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	35.37	35.25	35.54	35.25	35.17	35.32	36.27	36.15	35.10	34.74	34.76	35.37
2	.38	.34	.57	.11	.18	.28	.07	.44	.08	.65	.75	.40
3	.29	.45	.50	.21	.42	.23	.00	.86	.02	.64	.72	.42
4	.31	.61	.45	.25	.33	.17	35.88	.65	.07	.62	.72	.44
5	.34	.75	.16	.24	.26	.25	.76	.41	.05	.64	.73	.42
6	35.34	35.60	35.39	35.16	35.22	35.38	35.60	36.45	35.05	34.70	34.74	35.40
7	.20	.41	.48	.12	.11	.38	.73	.64	.02	.72	.75	.39
8	.13	.26	.49	34.87	.18	.36	.74	37.38	34.87	.71	.80	.36
9	.13	.42	.50	.82	.17	.37	.71	.19	.94	.72	.79	.31
10	.15	.64	.38	35.09	.20	.48	.72	36.72	.96	.75	.67	.32
11	35.34	35.70	35.15	35.35	35.22	35.94	35.76	36.40	34.80	34.82	34.69	35.33
12	.32	.65	.02	.29	.23	36.06	36.20	.27	.84	.80	.64	.32
13	.32	.59	.24	.34	.18	35.98	37.36	.21	.82	.77	.75	.47
14	.31	.38	.18	.38	.13	.96	.31	.17	.84	.81	35.19	.36
15	.24	.37	.13	.27	.08	.96	36.92	35.96	.87	.79	.32	.35
16	34.86	35.42	35.18	35.32	35.33	35.96	36.95	36.18	34.85	34.80	35.37	35.35
17	35.07	.36	.17	.16	.36	.78	37.17	.14	.79	35.18	.32	.40
18	.36	.34	.29	.15	.33	.67	36.94	.03	.74	.30	.19	.36
19	.35	.26	.10	.18	.30	.87	.74	35.89	.74	.09	.19	.23
20	.38	.22	.47	.19	.24	36.00	.48	.81	.80	.00	.22	.40
21	35.39	35.16	35.64	35.13	35.48	36.11	36.28	35.70	34.75	34.98	35.23	35.37
22	.39	.14	.57	.19	.95	.17	.05	.61	.81	.90	.34	.42
23	.29	.33	.62	.30	.94	.07	35.80	.54	.75	.86	.32	.51
24	.25	.37	.57	.10	.76	35.84	.78	.44	.73	.86	.34	.54
25	.43	.33	.50	.28	.72	.84	.71	.36	.79	.87	.32	.52
26	35.40	35.33	35.35	35.27	35.69	36.03	35.60	35.26	34.80	34.83	35.30	35.38
27	.39	.34	.39	.19	.52	.63	.57	.20	.85	.83	.31	.52
28	.45	.38	.37	.24	.47	37.08	.46	.19	.80	.80	.29	.54
29	.47	.39	.30	.24	.41	36.77	.32	.13	.76	.78	-	.50
30	.36	.48	.31	.23	.31	.60	.40	.15	.75	.74	-	.50
31	-	.59	-	.22	.24	-	.92	-	.76	.74	-	.57
Mean	35.30	35.37	35.37	35.20	35.36	35.85	36.10	36.05	34.86	34.82	35.03	35.41
Max.	35.47	35.75	35.57	35.38	35.94	37.08	37.36	37.38	35.10	35.30	35.37	35.57
Min.	34.86	35.14	35.02	34.82	35.08	35.17	35.32	35.13	34.73	34.62	34.64	35.31

WATER YEAR 1974 : Max. 37.38 m. Min. 34.62 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	309	274	361	274	252	294	630	583	234	149	153	309
2	312	300	370	237	255	282	552	699	229	130	151	318
3	285	333	348	263	324	268	526	878	213	128	144	324
4	291	381	333	274	297	252	480	787	226	124	144	330
5	300	432	250	271	277	274	436	686	221	128	147	324
6	300	380	315	250	266	312	380	703	221	140	149	318
7	260	321	342	239	237	312	425	783	213	144	153	315
8	242	277	345	177	255	306	428	1,132	177	142	162	306
9	242	324	348	166	252	309	418	1,037	194	144	160	291
10	247	393	312	231	260	342	421	816	198	151	134	294
11	300	414	247	303	266	503	436	682	162	166	138	297
12	294	397	213	285	268	549	602	630	171	162	128	294
13	294	379	271	300	255	518	1,122	606	166	155	151	339
14	291	312	255	312	242	511	1,097	591	171	164	257	306
15	271	309	242	280	229	511	906	511	177	159	294	303
16	175	324	255	294	297	511	910	594	173	162	309	303
17	226	306	252	250	306	443	1,027	579	160	254	294	318
18	206	300	285	247	297	404	915	537	149	288	257	306
19	203	277	234	255	288	477	824	484	149	231	257	268
20	212	266	339	257	271	526	715	454	162	208	266	318
21	215	250	394	242	342	568	634	414	151	203	268	309
22	215	244	370	257	499	591	545	383	164	184	300	324
23	285	297	367	288	503	553	450	361	151	175	294	351
24	274	309	370	234	463	465	443	330	147	175	300	361
25	327	297	346	282	421	465	418	306	160	177	294	354
26	318	297	303	280	411	537	380	277	162	169	288	312
27	315	300	315	257	354	778	370	260	173	169	291	354
28	333	312	309	271	339	982	336	257	162	162	285	361
29	339	315	288	271	321	837	294	242	153	158	–	348
30	306	342	291	268	291	766	312	247	151	149	–	348
31	–	397	–	265	271	–	496	–	153	149	–	370
Total	8,187	10,039	9,272	8,080	9,609	14,446	17,928	16,849	5,493	5,199	6,168	9,973
Mean	273	324	309	261	310	481	578	562	177	168	220	322
Max.	339	432	370	312	503	982	1,122	1,132	234	288	309	370
Min.	175	244	213	166	229	252	294	242	147	124	128	291
Runoff – mcm.	707.357	867.370	801.101	698.112	830.218	1,248.134	1,548.979	1,455.754	474.595	449.194	532.915	861.667

WATER YEAR 1974 : Max. 1,132 Min. 124 Mean 332 Annual Runoff 10,474.618 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.8	18.00	37.54	1,213				

PING RIVER BASIN

Mae Ping River at BanTha Sala, Chiang Mai (P. 19A)

Location: Lat. 18°-25'-29" N., Long. 98°-42'-11" E., on left bank about 300 meters downstream from confluence with Li River, Amphoe Chom Thong, Chiang Mai.

Drainage Area: 14,023 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 271.351 m. (M.S.L.)

Bench Mark: B.M. - H.S./RID

Location: infront of the office of station P19A
Elevation: + 275.682 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1958 to date.

Rating Operation:

Period of Rating: 1958 to date.
Rated by Float: -
Rated by Current Meter: 1958 to date.

Stability of Channel Regimes: Fairly stable, no shifting adjustment but periodic curve are used for flow computation.

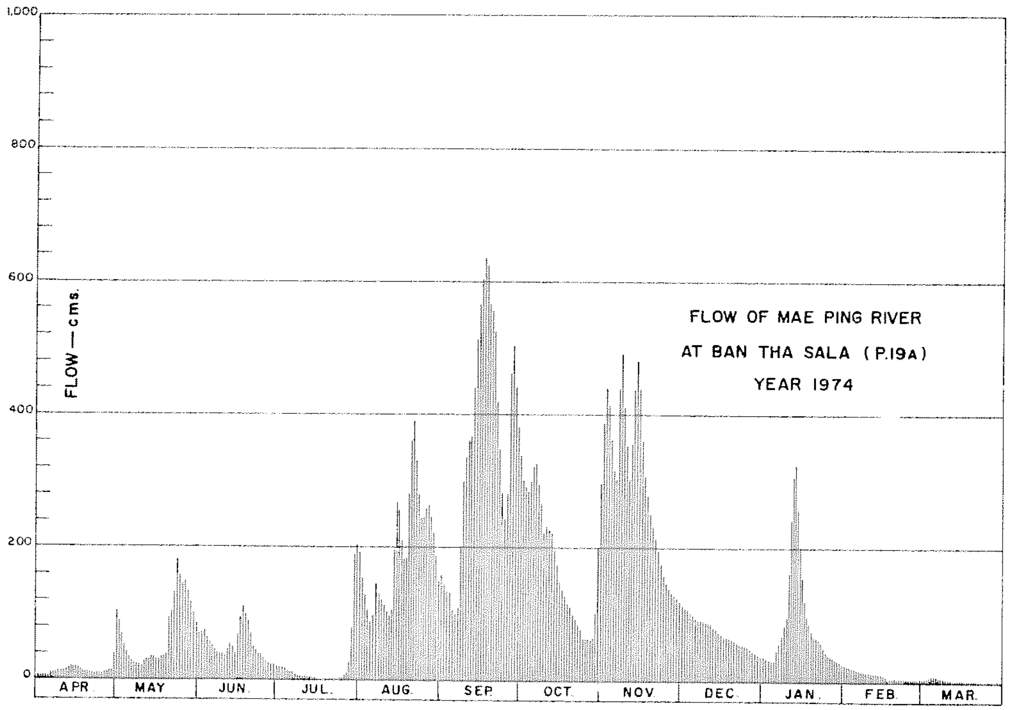
Overbank Flow Conditions: No overbank flow.

General Description: Records fair except those for periods of back water effect from weir about 3 kilometers downstream, which are poor. Stage-discharge relation defined by 164 discharge measurements made in 1974. Upstream stage diversions for irrigation of about 28,000 hectares at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	272.17	273.11	272.88	272.40	273.57	273.38	274.33	274.44	273.19	272.57	272.44	272.26
2	.19	272.94	.88	.39	.31	.28	.19	.73	.16	.55	.43	.29
3	.19	.76	.90	.40	.15	.22*	.15	.82	.12	.56	.41	.35
4	.19	.67	.85	.35	272.95	.21	.11	.67	.10	.52	.39	.37
5	.20	.58	.77	.32	.86	.04	.18	.30	.09	.53	.36	.37
6	272.26	272.50	272.70	272.31	273.00	272.95	274.30	274.21	273.04	272.62	272.35	272.36
7	.27	.45	.62	.26	.31	273.03	.32	.67	.03	.75	.34	.36
8	.28	.44	.59	.19	.20	.52	.15	275.00	.01	.84	.32	.34
9	.28	.42	.60	.16	.15	274.19	273.93	274.79	.03	.94	.30	.30
10	.26	.40	.62	.16	.08	.34	.76	.47	.02	273.05	.29	.26
11	272.32	272.47	272.58	272.15	273.00	274.48	273.83	274.22	272.99	273.48	272.28	272.24
12	.36	.51	.68	.15	272.93	.50	.79	.32	.99	274.21	.27	.21
13	.38	.51	.76	.15	273.01	.81	.74	.75	.95	.32	.27	.22
14	.38	.56	.69	.15	.64	275.02	.62	.97	.94	.00	.27	.21
15	.38	.53	.62	.07	274.03	.19	.49	.84	.89	273.65	.26	.21
16	272.35	272.50	272.85	272.03	273.83	275.37	273.39	274.50	272.88	273.34	272.25	272.21
17	.35	.53	273.07	.02	.53	.48	.30	.23	.83	.12	.27	.20
18	.32	.55	.15	.02	.53	.45	.23	.11	.85	.02	.30	.20
19	.31	.56	.08	.02	274.03	.27	.17	273.95	.85	272.93	.31	.20
20	.29	.61	272.95	.03	.45	.23	.14	.85	.82	.87	.32	.17
21	272.26	273.04	272.82	272.03	274.61	275.13	273.08	273.74	272.78	272.85	272.31	272.16
22	.24	.11	.70	.02	.47	274.77	.02	.63	.77	.82	.31	.15
23	.23	.35	.63	.02	.15	.39	272.95	.55	.76	.79	.29	.16
24	.22	.55	.60	.09	273.90	.09	.92	.49	.75	.70	.28	.18
25	.22	.40	.58	.12	.90	273.89	.79	.42	.75	.64	.28	.18
26	272.24	273.34	272.51	272.18	273.99	274.08	272.81	273.35	272.73	272.60	272.30	272.19
27	.28	.37	.46	.24	274.01	.90	.80	.31	.69	.58	.28	.21
28	.31	.28	.45	.56	273.94	275.04	.79	.28	.65	.57	.27	.21
29	.28	.17	.45	273.03	.70	274.77	.86	.26	.64	.54	-	.20
30	.58	.06	.42	.60	.52	.56	273.26	.22	.61	.53	-	.19
31	-	272.97	-	.67	.32	-	.81	-	.59	.47	-	.18
Mean	272.29	272.81	272.71	272.30	273.58	274.35	273.52	274.14	272.89	272.93	272.31	272.24
Max.	272.58	273.55	273.15	273.67	274.61	275.48	274.32	275.00	273.19	274.32	272.44	272.37
Min.	272.17	272.40	272.42	272.02	272.86	272.95	272.79	273.22	272.59	272.47	272.27	272.15

WATER YEAR 1974 : Max. 275.48 m. Min. 272.02 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	6.80	106	72	21	190	160	328	352	118	37	25	4.40
2	7.60	81	72	20	149	144	299	420	114	35	24	5.60
3	7.60	58	75	21	125	135	291	443	107	36	22	8.50
4	7.60	48	68	17	98	133	284	405	104	32	20	9.50
5	8.00	38	59	15	87	110	297	322	102	33	18	9.50
6	12	30	51	15	105	98	322	303	95	42	17	9.00
7	12	25	42	12	149	109	326	405	93	56	17	9.00
8	13	25	39	7.60	132	182	291	491	90	67	15	8.00
9	13	23	40	6.40	125	299	250	435	93	81	14	6.00
10	12	21	42	6.40	115	330	221	358	92	96	13	4.40
11	15	27	38	6.00	105	361	233	303	88	168	13	3.60
12	18	31	49	6.00	96	365	226	326	88	303	12	2.40
13	20	31	58	6.00	106	441	218	425	82	326	12	2.80
14	20	36	50	6.00	201	497	196	483	81	263	12	2.40
15	20	33	42	3.10	269	545	170	448	74	202	12	2.40
16	17	30	68	1.90	233	600	152	365	72	143	11	2.40
17	17	33	99	1.60	184	634	136	307	66	107	4.80	2.00
18	15	35	112	1.60	184	624	125	284	68	92	6.00	2.00
19	15	36	101	1.60	269	569	115	254	68	79	6.50	2.00
20	13	41	82	1.90	354	557	110	236	65	71	7.00	1.40
21	12	95	65	1.90	390	528	101	218	60	68	6.50	1.20
22	10	106	51	1.60	358	430	92	198	59	65	6.50	1.00
23	9.80	145	43	1.60	291	341	82	182	58	61	5.60	1.20
24	9.20	182	40	3.70	245	280	78	170	56	51	5.20	1.60
25	9.20	154	38	4.80	245	243	61	158	56	44	5.20	1.60
26	10	143	31	7.20	261	278	63	145	54	40	6.00	1.80
27	13	149	26	10	265	464	62	138	50	38	5.20	2.40
28	15	133	25	36	252	502	61	133	45	37	4.80	2.40
29	13	115	25	93	211	430	70	130	44	34	–	2.00
30	38	98	23	192	182	379	130	123	41	33	–	1.80
31	–	85	–	206	150	–	230	–	39	27	–	1.60
Total	408.80	2,193	1,626	734.90	6,126	10,768	5,620	8,960	2,322	2,767	326.30	115.90
Mean	13.6	70.7	54.2	23.7	198	359	181	299	74.9	89.2	11.6	3.74
Max.	38	182	112	206	390	634	326	491	118	326	25	9.50
Min.	6.80	21	23	1.60	87	98	61	123	39	27	4.80	1.00
Runoff - ล้าน ลบ.ม.	35.320	189.475	140.486	63.495	529.286	930.355	485.568	774.144	200.621	239.069	28.192	10.014

WATER YEAR 1974 : Max. 634 Min. 1.00 Mean 115 Annual Runoff 3,626.026 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 17	10.00	275.49	637				

PING RIVER BASIN

Mae Rim at Mae Rim Bridge, Chiang Mai (P.21)

Location: Lat. 18^{0}–55'–29" N., Long. 98^{0}–56'–34" E., on right bank about 100 meters downstream from Chiang Mai – Fang highway bridge, Amphoe Mae Rim, Chiang Mai.

Drainage Area: 515 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 319.69 m. (M.S.L.)

Bench Mark: B.M. – H.S./RID No. 4

Location: in the vicinity of gage observer's house.
Elevation: + 321.928 m. (M.S.L.)

Gage Reading Frequency: 5–time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 readings.

Period of Available Gage Records: 1954 to date.

Rating Operation:

Period of Rating: 1954–1960.
Rated by Float: –
Rated by Current Meter: 1954–1960.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

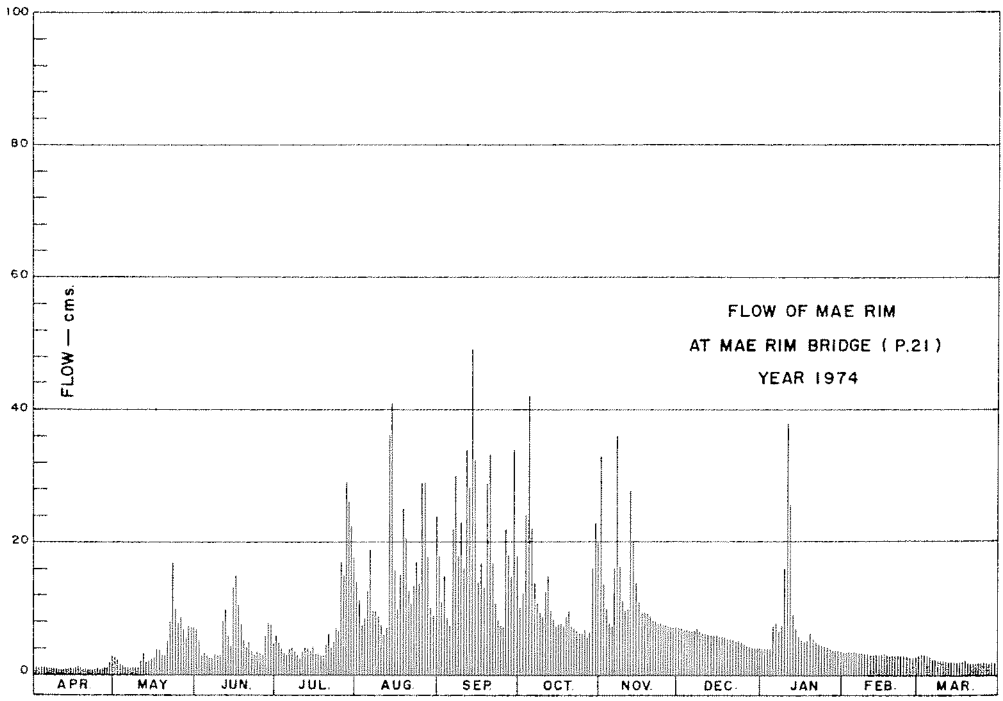
Overbank Flow Conditions: No overbank flow.

General Description: Records poor. Stage–discharge relation defined by 203 discharge measurements made during 1955–1959.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	320.34	320.53	320.88	320.81	321.26	321.38	321.14	321.84	320.89	320.67	320.63	320.56
2	.33	.51	.77	.79	.06	.12	.05	.26	.87	.66	.63	.59
3	.37	.42	.56	.67	320.91	.28	.21	.07	.87	.68	.62	.58
4	.40	.40	.62	.64	321.00	.00	.67	320.95	.86	.67	.62	.56
5	.38	.38	.56	.58	.22	320.91	322.05	.91	.85	.68	.63	.55
6	320.35	320.38	320.53	320.65	321.45	321.33	321.54	321.06	320.85	320.92	320.63	320.51
7	.35	.36	.52	.69	.04	.76	.24	.91	.85	.94	.62	.51
8	.33	.35	.59	.63	.04	.42	.11	.47	.89	.86	.62	.48
9	.31	.36	.57	.59	.00	.56	.04	.16	.84	.91	.62	.50
10	.30	.38	.57	.54	320.89	.32	.00	.04	.83	321.23	.61	.49
11	320.31	320.48	320.95	320.59	320.81	321.87	321.18	321.07	320.82	321.96	320.59	320.47
12	.31	.60	320.05	.69	.86	.77	.30	.72	.83	.53	.57	.46
13	.34	.46	320.81	.68	321.92	322.21	.07	.54	.81	.02	.59	.46
14	.36	.51	.70	.63	322.04	321.94	320.98	.31	.81	320.91	.59	.46
15	.34	.51	321.20	.69	321.33	.71	.91	.16	.82	.81	.58	.44
16	320.36	320.54	321.31	320.60	321.06	321.27	320.93	321.05	320.81	320.78	320.60	320.44
17	.41	.65	.06	.60	.30	.38	.93	.03	.81	.75	.59	.46
18	.34	.65	320.92	.57	.62	.23	.90	.04	.80	.74	.59	.49
19	.32	.58	.76	.57	.51	.73	.96	.00	.78	.78	.57	.49
20	.31	.56	.68	.70	.21	.83	321.04	.00	.78	.85	.57	.46
21	320.27	320.72	320.75	320.83	321.10	321.37	320.92	320.96	320.77	320.76	320.57	320.45
22	.25	.97	.64	.69	.21	.10	.90	.95	.75	.75	.58	.45
23	.30	321.38	.57	.75	.38	320.98	.86	.93	.77	.72	.57	.44
24	.34	.05	.63	.88	.24	.94	.84	.93	.74	.70	.57	.46
25	.32	320.93	.62	.87	.74	.89	.82	.93	.72	.69	.56	.47
26	320.31	321.00	320.58	321.38	321.73	321.53	320.87	320.91	320.68	320.67	320.54	320.47
27	.32	320.88	.77	.30	.57	.40	.81	.90	.69	.67	.54	.46
28	.37	.79	.93	.74	.28	.31	.84	.90	.68	.65	.53	.45
29	.45	.91	.92	.57	.06	.85	321.14	.90	.68	.64	–	.46
30	.56	.90	.74	.53	.00	.42	.56	.90	.68	.66	–	.47
31	–	.89	–	.29	.60	–	.48	.90	.67	.62	–	.47
Mean	320.34	320.65	320.76	320.83	321.27	321.43	321.14	321.13	320.79	320.83	320.59	320.48
Max.	320.56	321.38	321.31	321.74	322.04	322.21	322.05	321.91	320.89	321.96	320.63	320.59
Min.	320.25	320.35	320.52	320.54	320.81	320.89	320.81	320.90	320.67	320.62	320.53	320.44

WATER YEAR 1974 : Max. 322.21 m. Min. 320.25 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.04	2.57	7.00	5.95	14	17	12	33	7.15	4.04	3.56	2.84
2	0.98	2.39	5.38	5.66	10	11	9.85	14	6.85	3.92	3.56	3.11
3	1.22	1.58	2.84	4.04	7.46	15	13	10	6.85	4.16	3.44	3.02
4	1.40	1.40	3.44	3.68	8.90	8.90	27	8.10	6.70	4.04	3.44	2.84
5	1.28	1.28	2.84	3.02	13	7.46	42	7.46	6.55	4.16	3.56	2.75
6	1.10	1.28	2.57	3.80	19	16	22	10	6.55	7.62	3.56	2.39
7	1.10	1.16	2.48	4.28	9.66	30	14	36	6.55	7.94	3.44	2.39
8	0.98	1.10	3.11	3.56	9.66	18	11	20	7.15	6.70	3.44	2.12
9	0.86	1.16	2.93	3.11	8.90	23	9.66	12	6.40	7.46	3.44	2.30
10	0.80	1.28	2.93	2.66	7.15	16	8.90	9.66	6.25	13	3.32	3.31
11	0.86	2.12	8.10	3.11	5.95	34	12	10	6.10	38	3.11	2.03
12	0.86	3.20	9.85	4.28	6.70	30	15	28	6.25	22	2.93	1.94
13	1.04	1.94	5.95	4.16	36	49	10	22	5.95	9.28	3.11	1.94
14	1.16	2.39	4.40	3.56	41	37	8.58	15	5.95	7.46	3.11	1.94
15	1.04	2.39	13	4.28	16	28	7.46	12	6.10	5.95	3.02	1.76
16	1.16	2.66	15	3.20	10	14	7.78	9.85	5.95	5.52	3.20	1.76
17	1.49	3.92	10	3.20	15	17	7.78	9.47	5.95	5.10	3.11	1.94
18	1.04	3.80	7.62	2.93	25	13	7.30	9.66	5.80	4.96	3.11	2.21
19	0.92	3.02	5.24	2.93	21	29	8.26	8.90	5.52	5.52	2.93	2.21
20	0.86	2.84	4.16	4.40	13	33	9.66	8.90	5.52	6.55	2.93	1.94
21	0.68	4.68	5.10	6.25	11	17	7.62	8.26	5.38	5.24	2.93	1.85
22	0.60	8.42	3.68	4.28	13	11	7.30	8.10	5.10	5.10	3.02	1.85
23	0.80	17	2.93	5.10	17	8.58	6.70	7.78	5.38	4.68	2.93	1.76
24	1.04	9.85	3.56	7.00	14	7.94	6.40	7.78	4.96	4.40	2.93	1.94
25	0.92	7.78	3.44	6.85	29	7.15	6.10	7.78	4.68	4.28	2.84	2.03
26	0.86	8.90	3.02	17	29	22	6.85	7.46	4.16	4.04	2.66	2.03
27	0.92	7.00	5.38	15	23	18	5.95	7.30	4.28	4.04	2.66	1.94
28	1.22	5.66	7.78	29	15	15	6.40	7.30	4.16	3.80	2.57	1.85
29	1.85	7.46	7.62	23	10	34	12	7.30	4.16	3.68	–	1.94
30	2.84	7.30	4.96	22	8.90	18	24	7.30	4.16	3.92	–	2.03
31	–	7.15	–	15	24	–	20	–	4.04	3.44	–	2.03
Total	32.92	134.68	166.31	226.29	491.28	605.03	371.55	370.36	176.55	220.00	87.86	66.89
Mean	1.10	4.34	5.54	7.30	15.8	20.2	12.0	12.3	5.69	7.10	3.14	2.16
Max.	2.84	17	15	29	41	49	42	36	7.15	38	3.56	3.11
Min.	0.60	1.10	2.48	2.66	5.95	7.15	5.95	7.30	4.04	3.44	2.57	1.76
Runoff – mcm.	2.844	11.636	14.369	19.551	42.446	52.274	32.102	31.999	15.254	19.008	7.591	5.779

WATER YEAR 1974 : Max. 49 Min. 0.60 Mean 8.08 Annual Runoff 254.856 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 13	15.00	322.34	55				

PING RIVER BASIN

Mae Khan River at Mae KhanBridge, Chiang Mai (P.23)

Location: Lat. 18°-31'-37" N., Long. 98°-51'-42" E., on left bank downstream site of Mae Khan Bridge, Amphoe San Pa Tong, Chiang Mai.

Drainage Area: 1,777 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: +285.622 m. (M.S.L.)

Bench Mark: B.M. - H.S.

- Location: about 10 meters in the line of vertical staff gage.
- Elevation: + 289.483 m. (M.S.L.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 readings.

Period of Available Gage Records: 1954 to date.

Rating Operation:

- Period of Rating: 1954-1960, 1967, 1970 to date.
- Rated by Float: -
- Rated by Current Meter: 1954-1960, 1967, 1970 to date.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

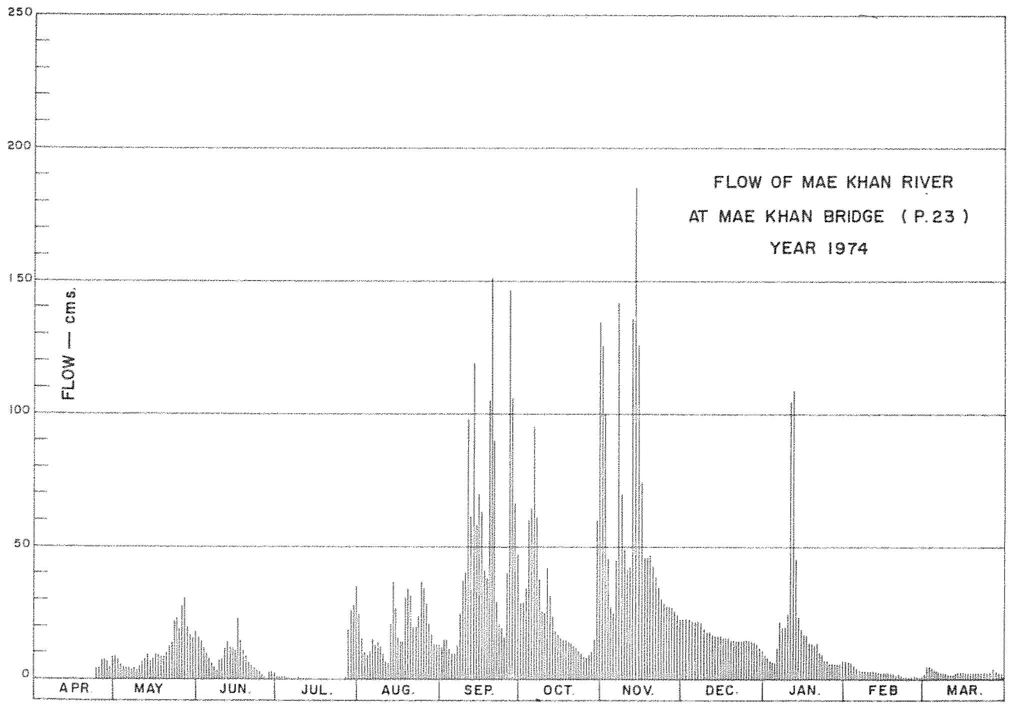
General Description: Records fair. Stage-discharge relation defined by 15 discharge measurements made in 1974.

Remarks: Asterisk (*) designates the discharge determined from hourly gage-heights.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	286.61	287.16	287.32	286.86	287.47	287.24	287.53	288.42	287.45	287.18	287.12	286.92
2	.59	.11	.31	.85	.30	.30	.53	.27	.45	.15	.11	287.05
3	.58	.06	.25	.85	.19	.30	.61	287.80	.44	.12	.11	.05
4	.58	.03	.19	.85	.16	.25	.89	.52	.45	.11	.07	.03
5	.58	.03	.14	.81	.21	.20	.93	.48	.42	.10	.03	.00
6	286.58	287.03	287.09	286.76	287.31	287.19	288.20	287.72	287.42	287.30	287.00	286.98
7	.58	286.99	.03	.73	.26	.24	287.85	288.52	.42	.42	.00	.97
8	.58	287.03	.01	.64	.28	.37	.65	.06	.42	.39	.00	.96
9	.58	.00	.12	.84	.26	.63	.49	287.82	.38	.40	286.99	.93
10	.58	.04	.12	.83	.18	.68	.48	.70	.35	.47	.99	.92
11	286.61	287.10	287.23	286.81	287.11	288.22	287.71	287.71	287.35	288.27	286.99	286.91
12	.66	.11	.29	.77	.09	287.91	.58	288.47	.35	.29	.98	.91
13	.73	.16	.24	.75	.42	288.37	.48	.78	.34	287.62	.97	.97
14	.79	.12	.24	.65	.65	287.88	.38	.55	.34	.46	.97	.97
15	.81	.11	.22	.61	.39	.99	.34	.25	.33	.37	.97	.94
16	286.78	287.18	287.44	286.57	287.29	287.93	287.32	287.87	287.32	287.33	286.96	286.95
17	.71	.20	.30	.54	.27	.71	.31	.75	.32	.34	.97	.95
18	.67	.15	.21	.50	.43	.66	.30	.75	.32	.28	.96	.96
19	.62	.15	.16	.49	.61	288.10	.29	.76	.32	.28	.95	.95
20	.59	.15	.10	.48	.58	.58	.28	.72	.31	.25	.92	.95
21	286.56	287.23	287.06	286.48	287.40	288.05	287.26	287.66	287.31	287.27	286.95	286.95
22	.48	.25	.02	.51	.40	287.53	.24	.62	.31	.22	.91	.95
23	.52	.42	.00	.52	.39	.41	.22	.57	.31	.18	.89	.95
24	287.02	.44	286.99	.71	.53	.37	.19	.53	.30	.13	.89	.96
25	.03	.37	.92	.74	.64	.32	.15	.52	.30	.13	.91	287.00
26	287.12	287.48	286.89	286.79	287.60	287.76	287.15	287.52	287.30	287.10	286.89	287.00
27	.12	.55	.72	.87	.44	288.55	.17	.52	.30	.10	.90	.02
28	.11	.40	.99	287.38	.38	.13	.19	.51	.28	.09	.88	286.99
29	.04	.35	.97	.50	.31	287.95	.31	.48	.27	.09	-	.98
30	.15	.30	.89	.52	.25	.64	288.05	.45	.24	.09	-	.95
31	-	.35	-	.62	.25	-	.47	-	.20	.13	-	.94
Mean	286.73	287.19	287.11	286.80	287.36	287.71	287.50	287.84	287.34	287.31	286.97	286.97
Max.	287.15	287.55	287.44	287.62	287.65	288.58	288.47	288.78	287.45	288.29	287.12	287.05
Min.	286.48	286.99	286.72	286.48	287.09	287.19	287.15	287.45	287.20	287.09	286.88	286.91

WATER YEAR 1974 : Max. 288.78 m. Min. 286.48 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	8.90	16	1.10	25	12	39	*126	23	9.70	7.30	1.90
2	0.00	6.90	15	1.00	15	15	29	*105	23	8.50	6.90	5.00
3	0.00	5.30	13	1.00	10	15	34	50	23	7.30	6.90	5.00
4	0.00	4.40	10	1.00	8.90	13	59	28	23	6.90	5.60	4.40
5	0.00	4.40	8.10	0.60	11	10	63	25	22	6.50	4.40	3.50
6	0.00	4.40	6.20	0.30	15	10	*95	43	22	15	3.50	3.10
7	0.00	3.30	4.40	0.15	13	12	55	*142	22	22	3.50	2.90
8	0.00	4.40	3.80	0.00	14	19	37	* 78	22	20	3.50	2.70
9	0.00	3.50	7.30	0.90	13	36	26	52	19	20	3.30	2.10
10	0.00	4.70	7.30	0.80	9.70	40	25	41	18	25	3.30	1.90
11	0.00	6.50	12	0.60	6.90	*98	42	42	18	*105	3.30	1.70
12	0.00	6.90	14	0.35	6.20	61	32	*134	18	*108	3.10	1.70
13	0.15	8.90	12	0.25	22	*119	23	*185	17	35	2.90	2.90
14	0.45	7.30	12	0.00	37	58	19	*146	17	24	2.90	2.90
15	0.60	6.90	11	0.00	20	70	17	*102	17	19	2.90	2.30
16	0.40	9.70	23	0.00	14	63	16	57	16	17	2.70	2.50
17	0.05	10	15	0.00	14	42	15	46	16	17	2.90	2.50
18	0.00	8.50	11	0.00	22	38	15	46	16	14	2.70	2.70
19	0.00	8.50	8.90	0.00	34	*83	14	47	16	14	2.50	2.50
20	0.00	8.50	6.50	0.00	21	*151	14	43	15	13	1.90	2.50
21	0.00	12	5.30	0.00	20	77	13	38	15	14	2.50	2.50
22	0.00	13	4.10	0.00	20	29	12	35	15	11	1.70	2.50
23	0.00	22	3.50	0.00	20	21	11	31	15	9.70	1.40	2.50
24	4.10	23	3.30	0.05	29	19	10	29	15	7.70	1.40	2.70
25	4.40	19	1.90	0.20	37	16	8.50	28	15	7.70	1.70	3.50
26	7.30	25	1.40	0.45	33	47	8.50	28	15	6.50	1.40	3.50
27	7.30	30	0.10	1.20	23	*146	9.30	28	15	6.50	1.50	4.10
28	6.90	20	3.30	19	19	87	10	27	14	6.20	1.30	3.30
29	4.70	18	2.90	26	15	65	15	25	14	6.20	–	3.10
30	8.50	15	1.40	28	13	37	*77	23	12	6.20	–	2.50
31	–	18	–	35	13	–	*134	–	10	7.70	–	2.30
Total	44.85	346.90	243.70	117.95	584.70	1,509	967.30	1,830	538	596.30	88.90	89.20
Mean	1.49	11.2	8.12	3.80	18.9	50.3	31.2	61.0	17.3	19.2	3.17	2.88
Max.	8.50	30	23	35	37	151	134	185	23	108	7.30	5.00
Min.	0.00	3.30	0.10	0.00	6.20	10	8.50	23	10	6.20	1.30	1.70
Runoff - mcm.	3.875	29.972	21.056	10.191	50.518	130.378	83.575	156.112	46.483	51.520	7.681	7.707

WATER YEAR 1974 : Max. 185 Min. 0.00 Mean 19.00 Annual Runoff 601.067 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 13	12.00	288.82	192				

PING RIVER BASIN

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

Location: Lat. 18°-24'-48" N., Long. 98°-40'-27" E., on left bank about 5 kilometers upstream from Mae Klang Bridge, at Pracha Uthit Bridge, Amphoe Chom Thong, Chiang Mai.

Drainage Area: –

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 274.69 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: BM1 near the gage observer's house, BM2 on left bank abutment of the Pracha Uthit Bridge.
Elevation: BM4 = 277.954 m. (M.S.L.), BM2 = 280.309 m. (M.S.L.)

Gage Reading Frequency: 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 Float: –
Rated by Current Meter: 1973 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

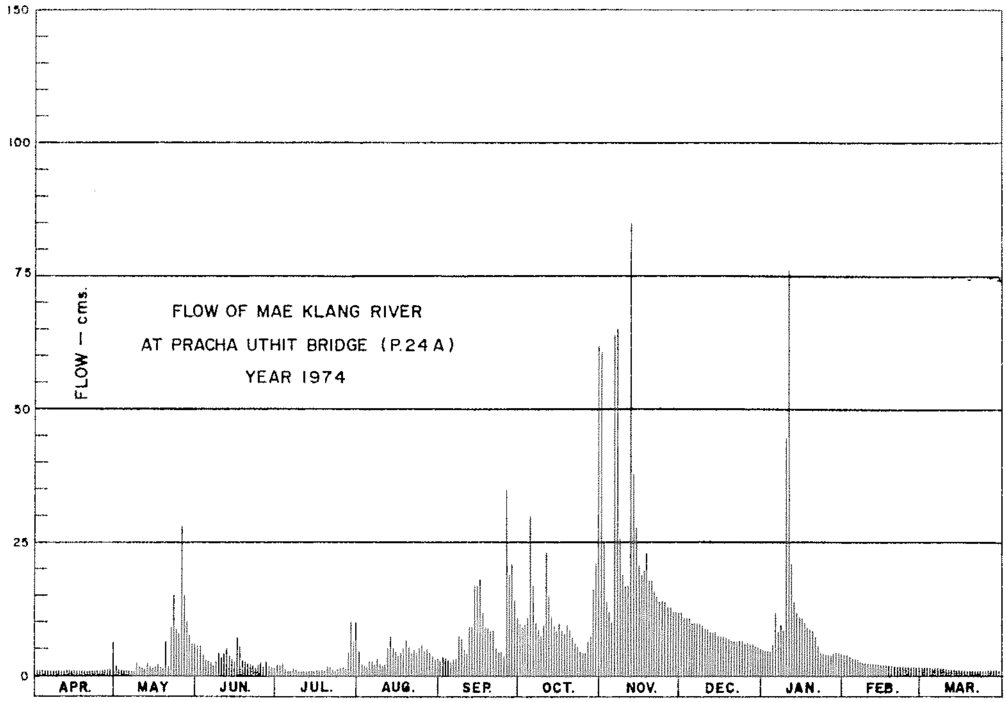
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 169 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	275.49	275.55	275.74	275.57	275.71	275.62	275.91	277.27	275.99	275.72	275.67	275.54
2	.49	.50	.75	.56	.58	.65	.88	276.38	.97	.71	.67	.54
3	.49	.49	.67	.58	.56	.64	.91	.08	.97	.71	.66	.54
4	.49	.49	.62	.51	.54	.61	.96	.00	.96	.71	.64	.54
5	.49	.49	.61	.48	.61	.60	276.54	275.94	.94	.76	.63	.53
6	275.49	275.49	275.60	275.49	275.62	275.63	276.19	277.32	275.94	276.00	275.63	275.53
7	.49	.49	.56	.52	.58	.63	275.94	.35	.94	275.86	.61	.52
8	.49	.49	.61	.51	.63	.81	.87	276.44	.92	.91	.60	.52
9	.49	.59	.69	.49	.57	.80	.82	.26	.91	.87	.60	.52
10	.49	.54	.65	.48	.56	.72	.91	.18	.88	276.26	.59	.51
11	275.49	275.52	275.68	275.47	275.59	275.68	276.36	276.19	275.87	277.56	275.59	275.51
12	.50	.51	.72	.47	.77	.89	.11	277.74	.85	276.33	.59	.51
13	.49	.59	.66	.48	.81	.89	275.95	276.76	.85	.07	.58	.51
14	.49	.54	.63	.48	.72	276.18	.89	.50	.86	275.99	.59	.50
15	.49	.53	.60	.48	.69	.17	.86	.33	.83	.96	.57	.50
16	275.49	275.55	275.81	275.48	275.66	276.21	275.91	276.24	275.83	275.95	275.57	275.51
17	.49	.57	.73	.48	.70	275.99	.86	.28	.83	.92	.57	.50
18	.49	.53	.62	.48	.73	.88	.84	.36	.81	.89	.57	.50
19	.49	.53	.61	.49	.79	.88	.90	.22	.80	.87	.56	.50
20	.49	.77	.58	.55	.75	.86	.86	.21	.79	.86	.56	.50
21	275.48	275.55	275.57	275.54	275.69	275.86	275.80	276.15	275.78	275.84	275.56	275.50
22	.49	.85	.56	.51	.71	.73	.76	.13	.78	.77	.56	.50
23	.48	276.11	.55	.49	.69	.69	.74	.10	.79	.70	.56	.50
24	.48	275.87	.58	.52	.73	.70	.70	.08	.79	.69	.56	.50
25	.48	.84	.60	.53	.75	.67	.69	.07	.77	.68	.55	.50
26	275.50	276.50	275.54	275.54	275.71	276.68	275.69	276.05	275.77	275.68	275.55	275.51
27	.50	.11	.61	.52	.72	.25	.78	.04	.76	.67	.54	.51
28	.50	275.96	.54	.69	.69	.31	.82	.02	.77	.68	.54	.51
29	.52	.83	.54	.94	.66	.12	276.15	.01	.75	.70	–	.51
30	.77	.76	.52	.78	.63	.01	.31	.00	.74	.69	–	.50
31	–	.76	–	.94	.64	–	277.29	–	.73	.68	–	.50
Mean	275.50	275.67	275.62	275.55	275.67	275.88	275.97	276.36	275.84	275.89	275.59	275.51
Max.	275.77	276.50	275.81	275.94	275.81	276.68	277.29	277.74	275.99	277.56	275.67	275.54
Min.	275.48	275.49	275.52	275.47	275.54	275.60	275.69	275.94	275.73	275.67	275.54	275.50

WATER YEAR 1974 : Max. 277.74 m. Min. 275.47 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.90	1.75	5.50	2.05	4.75	2.90	9.75	61	12	5.00	3.90	1.60
2	0.90	1.00	5.75	1.90	2.20	3.50	9.00	23	11	4.75	3.90	1.60
3	0.90	0.90	3.90	2.20	1.90	3.30	9.75	14	11	4.75	3.70	1.60
4	0.90	0.90	2.90	1.15	1.60	2.70	11	12	11	4.75	3.30	1.60
5	0.90	0.90	2.70	0.80	2.70	2.50	30	10	10	6.00	3.10	1.45
6	0.90	0.90	2.50	0.90	2.70	3.10	17	64	10	12	3.10	1.45
7	0.90	0.90	1.90	1.30	2.20	3.10	10	65	10	8.50	2.70	1.30
8	0.90	0.90	2.70	1.15	3.10	7.25	8.75	26	10	9.75	2.50	1.30
9	0.90	2.35	4.30	0.90	2.05	7.00	7.50	19	9.75	8.75	2.50	1.30
10	0.90	1.60	3.50	0.80	1.90	5.00	9.75	17	9.00	19	2.35	1.15
11	0.90	1.30	4.10	0.70	2.35	4.10	23	17	8.75	76	2.35	1.15
12	1.00	1.15	5.00	0.70	6.25	9.25	15	85	8.25	21	2.35	1.15
13	0.90	2.35	3.70	0.80	7.25	9.25	11	38	8.25	14	2.20	1.15
14	0.90	1.60	3.10	0.80	5.00	17	9.25	28	8.50	12	2.35	1.00
15	0.90	1.45	2.50	0.80	4.30	17	8.50	21	7.75	11	2.05	1.00
16	0.90	1.75	7.25	0.80	3.70	18	9.75	19	7.75	11	2.05	1.15
17	0.90	2.05	5.25	0.80	4.50	12	8.50	20	7.75	10	2.05	1.00
18	0.90	1.45	2.90	0.80	5.25	9.00	8.00	23	7.25	9.25	2.05	1.00
19	0.90	1.45	2.70	0.90	6.75	9.00	9.50	18	7.00	8.75	1.90	1.00
20	0.90	6.25	2.20	1.75	5.75	8.50	8.50	18	6.75	8.50	1.90	1.00
21	0.80	1.75	2.05	1.60	4.30	8.50	7.00	16	6.50	8.00	1.90	1.00
22	0.90	8.25	1.90	1.15	4.75	5.25	6.00	15	6.50	6.25	1.90	1.00
23	0.80	15	1.75	0.90	4.30	4.30	5.50	14	6.75	4.50	1.90	1.00
24	0.80	8.75	2.20	1.30	5.25	4.50	4.50	14	6.75	4.30	1.90	1.00
25	0.80	8.00	2.50	1.45	5.75	3.90	4.30	14	6.25	4.10	1.75	1.00
26	1.00	28	1.60	1.60	4.75	35	4.30	13	6.25	4.10	1.75	1.15
27	1.00	15	2.70	1.30	5.00	19	6.50	13	6.00	3.90	1.60	1.15
28	1.00	11	1.60	4.30	4.30	21	7.50	12	6.25	4.10	1.60	1.15
29	1.30	7.75	1.60	10	3.70	15	16	12	5.75	4.50	–	1.15
30	6.25	6.00	1.30	6.50	3.10	12	21	12	5.50	4.30	–	1.00
31	–	6.00	–	10	3.30	–	62	–	5.25	4.10	–	1.00
Total	32.75	148.40	93.55	62.10	124.90	281.90	378.10	733.00	249.50	316.90	66.60	36.55
Mean	1.09	4.79	3.12	2.00	4.03	9.40	12.2	24.4	8.05	10.2	2.38	1.18
Max.	6.25	28	7.25	10	7.25	35	62	85	12	76	3.90	1.60
Min.	0.80	0.90	1.30	0.70	1.60	2.50	4.30	10	5.25	3.90	1.60	1.00
Runoff - mcm.	2.830	12.822	8.083	5.365	10.791	24.356	32.668	63.331	21.557	27.380	5.754	3.158

WATER YEAR 1974 : Max. 85 Min. 0.80 Mean 6.91 Annual Runoff 218.095 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 12	06.00	278.34	116				

PING RIVER BASIN

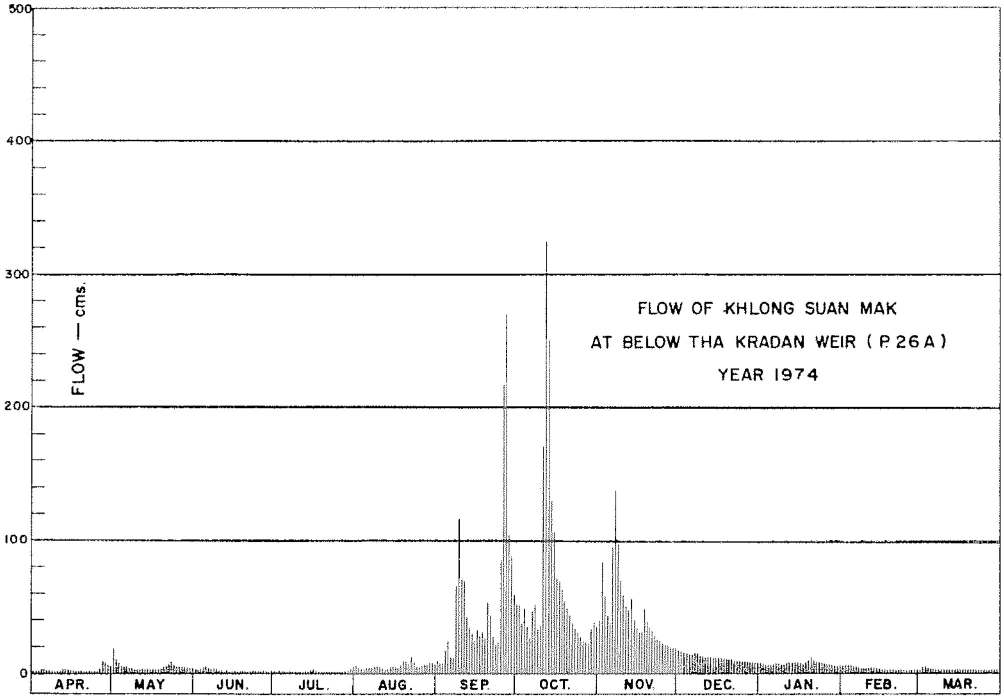
Khlong Suan Mak at Below Tha Kradan Weir, Kamphaeng Phet (P.26A)

Location:	Lat. 16°-26'-57" N., Long. 99°-26'-27" E., on right bank about 400 meters downstream from P26, Amphoe Muang, Kamphaeng Phet.
Drainage Area:	967 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - P26A.
Location:	near automatic gage building.
Elevation:	+ 6.144 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1971 to date.
Rating Operation:	
Period of Rating:	1972-1975.
Rated by Float:	-
Rated by Current Meter:	1972-1975.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 22 discharge measurements made in 1974. Flow regulated by Tha Kra Dan Weir which built by the local residents.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.36	1.13	0.46	0.28	0.65	0.81	1.93	1.67	1.10	0.75	0.63	0.50
2	.35	0.82	.44	.32	.53	.72	.92	2.53	.07	.73	.63	.61
3	.35	.66	.44	.33	.51	.69	.64	.06	.05	.67	.64	.56
4	.42	.61	.52	.34	.51	1.08	.88	1.76	.04	.67	.64	.53
5	.39	.57	.56	.35	.52	.29	.55	.62	.02	.67	.60	.49
6	0.37	0.52	0.51	0.33	0.57	0.89	1.38	2.68	1.01	0.70	0.59	0.48
7	.34	.47	.47	.33	.56	.89	.84	3.39	.04	.74	.57	.46
8	.33	.45	.46	.31	.59	2.22	.94	2.89	0.99	.72	.56	.46
9	.33	.42	.42	.31	.60	3.08	.54	.34	.97	.72	.56	.46
10	.32	.41	.36	.30	.55	2.31	.59	.05	.96	.70	.53	.45
11	0.36	0.45	0.41	0.30	0.50	2.28	3.19	1.89	0.95	0.75	0.54	0.44
12	.40	.44	.35	.29	.48	1.76	5.47	.86	.93	.77	.54	.44
13	.39	.44	.38	.28	.49	.55	4.73	2.02	.93	.75	.54	.42
14	.39	.46	.36	.27	.58	.41	3.29	1.67	.91	.80	.52	.41
15	.38	.43	.36	.39	.61	.31	2.93	.55	.91	.81	.51	.42
16	0.36	0.43	0.36	0.35	0.57	1.51	2.34	1.47	0.90	0.75	0.49	0.40
17	.35	.42	.37	.32	.56	.40	.28	.48	.89	.72	.49	.42
18	.33	.43	.37	.30	.66	.47	.20	.87	.88	.74	.48	.44
19	.32	.45	.36	.30	.80	.37	.00	.67	.86	.84	.47	.47
20	.31	.54	.35	.31	.78	.96	1.85	.56	.85	.95	.47	.45
21	0.30	0.62	0.35	0.31	0.70	1.77	1.75	1.47	0.85	0.84	0.47	0.44
22	.29	.65	.32	.30	.93	.38	.60	.41	.83	.79	.48	.43
23	.29	.76	.31	.28	.73	.22	.51	.34	.83	.77	.48	.42
24	.31	.65	.31	.28	.61	.29	.43	.30	.82	.74	.47	.41
25	.33	.61	.32	.27	.55	2.60	.35	.26	.81	.72	.47	.40
26	0.50	0.59	0.32	0.27	0.66	4.36	1.29	1.22	0.80	0.70	0.46	0.40
27	.78	.59	.34	.25	.68	.94	.26	.19	.79	.70	.45	.39
28	.72	.55	.34	.27	.69	2.91	.26	.17	.79	.68	.45	.39
29	.62	.52	.32	.40	.74	.62	.54	.16	.79	.66	-	.40
30	.58	.50	.31	.49	.68	.10	.65	.13	.77	.64	-	.43
31	-	.48	-	.60	.67	-	.57	-	.75	.64	-	.43
Mean	0.39	0.55	0.38	0.32	0.62	1.97	2.05	1.79	0.91	0.74	0.53	0.45
Max.	0.78	1.13	0.56	0.60	0.93	4.97	5.47	3.39	1.10	0.95	0.64	0.61
Min.	0.29	0.41	0.31	0.25	0.48	0.69	1.26	1.13	0.75	0.64	0.45	0.39

WATER YEAR 1974 : Max. 5.47 m. Min. 0.25 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.86	19	3.20	1.04	6.50	9.94	52	40	18	8.60	6.10	3.80
2	1.75	10	2.90	1.42	4.31	7.94	51	83	17	8.16	6.10	5.70
3	1.75	6.70	2.90	1.53	3.97	7.30	38	58	16	6.90	6.30	4.82
4	2.60	5.70	4.14	1.64	3.97	17	49	44	16	6.90	6.30	4.31
5	2.19	4.99	4.82	1.75	4.14	24	35	38	15	6.90	5.50	3.65
6	1.97	4.14	3.97	1.53	4.99	12	28	91	15	7.50	5.33	3.50
7	1.64	3.35	3.35	1.53	4.82	12	47	138	16	8.38	4.90	3.20
8	1.53	3.05	3.20	1.31	5.33	66	52	104	15	7.94	4.82	3.20
9	1.53	2.60	2.60	1.31	5.50	116	34	72	14	7.94	4.82	3.20
10	1.42	2.45	1.86	1.20	4.65	71	36	58	14	7.50	4.31	3.05
11	1.86	3.05	2.45	1.20	3.80	69	123	50	13	8.60	4.48	2.90
12	2.30	2.90	1.75	1.12	3.50	44	323	46	13	9.04	4.48	2.90
13	2.19	2.90	2.08	1.04	3.65	35	251	56	13	8.60	4.48	2.60
14	2.19	3.20	1.86	0.96	5.16	29	130	40	12	9.70	4.14	2.45
15	2.08	2.75	1.86	2.19	5.70	25	106	35	12	9.94	3.97	2.60
16	1.86	2.75	1.86	1.75	4.99	33	72	31	12	8.60	3.65	2.30
17	1.75	2.60	1.97	1.42	4.82	29	69	32	12	7.94	3.65	2.60
18	1.53	2.75	1.97	1.20	6.70	31	65	49	12	8.38	3.50	2.90
19	1.42	3.05	1.86	1.20	9.70	27	55	40	11	11	3.35	3.35
20	1.31	4.48	1.75	1.31	9.26	53	46	25	11	13	3.35	3.05
21	1.20	5.90	1.75	1.31	7.50	44	43	31	11	11	3.35	2.90
22	1.12	6.50	1.42	1.20	13	28	37	29	10	9.46	3.50	2.75
23	1.12	8.82	1.31	1.04	8.16	22	33	26	10	9.04	3.50	2.60
24	1.31	6.50	1.31	1.04	5.70	24	30	25	10	8.38	3.35	2.45
25	1.53	5.70	1.42	0.96	4.65	87	27	23	9.94	7.94	3.35	2.30
26	3.80	5.33	1.42	0.96	6.70	217	24	22	9.70	7.50	3.20	2.30
27	9.26	5.33	1.64	0.80	7.10	270	23	21	9.48	7.50	3.05	2.19
28	7.94	4.65	1.64	0.96	7.30	105	23	20	9.48	7.10	3.05	2.19
29	5.90	4.14	1.42	2.30	8.38	88	34	20	9.48	6.70	–	2.30
30	5.16	3.80	1.31	3.65	7.10	60	39	19	9.04	6.30	–	2.75
31	–	3.50	–	5.50	6.90	–	35	–	8.60	6.30	–	2.75
Total	75.07	152.58	66.99	47.37	187.95	1,663.18	2,012	1,378	383.72	258.76	119.97	93.56
Mean	2.50	4.92	2.23	1.53	6.06	55.4	64.9	45.9	12.4	8.35	4.28	3.02
Max.	9.26	19	4.82	5.50	13	270	323	138	18	13	6.30	5.70
Min.	1.12	2.45	1.31	0.80	3.50	7.30	23	19	8.60	6.30	3.05	2.19
Runoff - mcm.	6.486	13.183	5.788	4.093	16.239	143.699	173.837	119.059	33.153	22.357	10.365	8.083

WATER YEAR 1974 : Max. 323 Min. 0.80 Mean 17.6 Annual Runoff 556.342 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12	06.00	5.75	353				

PING RIVER BASIN

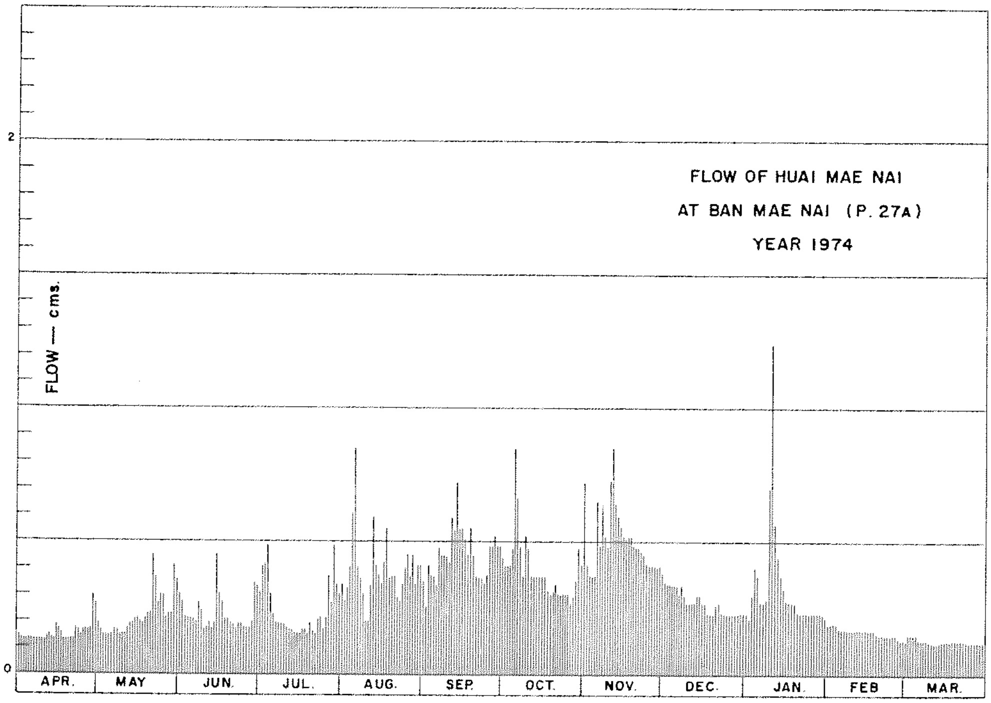
Huai Mae Nai at Ban Mae Nai, Chiang Mai (P.27A)

Location:	Lat. 18°-53'-18" N., Long. 98°-55'-00" E., on left bank about 3 kilometers upstream from station P27, Ban Mae Nai, Amphoe Mae Rim, Chiang Mai.
Drainage Area:	18 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the top of vertical staff gage.
Elevation:	+ 3.263 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1968 to date.
Rated by Float:	-
Rated by Current Meter:	1968 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 57 discharge measurements made in 1974. Flow regulated by a series of small diversion dams which built by the local residents.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.26	0.28	0.32	0.32	0.33	0.35	0.36	0.42	0.34	0.30	0.28	0.25
2	.25	.27	.31	.35	.32	.31	.35	.35	.33	.30	.28	.26
3	.25	.26	.29	.35	.31	.35	.35	.34	.33	.29	.28	.26
4	.25	.26	.29	.37	.33	.34	.35	.34	.33	.32	.28	.26
5	.25	.26	.29	.32	.41	.34	.37	.34	.33	.35	.28	.26
6	0.25	0.26	0.29	0.30	0.44	0.33	0.44	0.51	0.33	0.33	0.27	0.25
7	.25	.27	.28	.29	.35	.37	.38	.47	.32	.31	.27	.25
8	.25	.27	.31	.28	.34	.36	.36	.41	.33	.31	.27	.25
9	.24	.26	.30	.28	.32	.36	.34	.38	.32	.32	.27	.25
10	.25	.26	.27	.28	.29	.36	.38	.37	.31	.40	.27	.24
11	0.25	0.26	0.27	0.27	0.28	0.35	0.36	0.42	0.31	0.50	0.27	0.24
12	.26	.27	.28	.27	.34	.40	.34	.44	.31	.38	.27	.24
13	.26	.28	.27	.27	.40	.39	.34	.41	.31	.36	.27	.24
14	.25	.28	.28	.26	.35	.42	.34	.40	.32	.34	.27	.24
15	.28	.29	.36	.26	.34	.39	.34	.39	.32	.33	.27	.24
16	0.27	0.29	0.32	0.26	0.33	0.39	0.34	0.38	0.31	0.32	0.27	0.25
17	.26	.28	.31	.27	.35	.38	.34	.38	.31	.31	.27	.25
18	.25	.28	.29	.27	.39	.36	.33	.38	.30	.31	.27	.25
19	.25	.29	.29	.26	.34	.39	.32	.38	.30	.31	.27	.25
20	.25	.30	.28	.28	.34	.36	.32	.37	.30	.31	.26	.25
21	0.25	0.30	0.28	0.27	0.34	0.34	0.33	0.37	0.31	0.30	0.26	0.25
22	.25	.36	.27	.26	.32	.34	.32	.37	.31	.30	.26	.25
23	.27	.33	.28	.28	.31	.34	.32	.36	.30	.30	.26	.25
24	.26	.31	.28	.29	.33	.33	.32	.36	.30	.30	.26	.24
25	.27	.32	.27	.27	.34	.34	.32	.35	.30	.30	.26	.24
26	0.27	0.32	0.27	0.29	0.36	0.37	0.32	0.35	0.30	0.30	0.26	0.24
27	.27	.29	.27	.34	.34	.37	.31	.35	.30	.30	.26	.24
28	.27	.30	.28	.31	.36	.38	.32	.35	.30	.30	.25	.24
29	.32	.30	.33	.37	.33	.37	.33	.35	.30	.30	-	.24
30	.31	.35	.33	.33	.35	.37	.37	.35	.30	.30	-	.24
31	-	.32	-	.32	.35	-	.35	-	.30	.29	-	.24
Mean	0.26	0.29	0.29	0.29	0.34	0.36	0.34	0.38	0.31	0.32	0.27	0.25
Max.	0.32	0.36	0.36	0.37	0.44	0.42	0.44	0.44	0.34	0.50	0.28	0.26
Min.	0.25	0.26	0.27	0.26	0.28	0.31	0.31	0.34	0.30	0.29	0.25	0.24

WATER YEAR 1974 : Max. 0.50 m. Min. 0.24 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.15	0.19	0.30	0.30	0.34	0.41	0.45	0.72	0.37	0.23	0.19	0.13
2	0.13	0.17	0.27	0.41	0.30	0.26	0.41	0.41	0.34	0.23	0.19	0.14
3	0.13	0.15	0.21	0.41	0.27	0.41	0.41	0.37	0.34	0.21	0.19	0.15
4	0.13	0.15	0.21	0.48	0.34	0.37	0.41	0.37	0.34	0.30	0.19	0.15
5	0.13	0.15	0.21	0.30	0.65	0.37	0.48	0.37	0.34	0.41	0.19	0.15
6	0.13	0.15	0.21	0.23	0.85	0.34	0.85	0.65	0.34	0.34	0.17	0.13
7	0.13	0.17	0.19	0.21	0.41	0.48	0.52	0.48	0.30	0.27	0.17	0.13
8	0.13	0.17	0.27	0.19	0.37	0.45	0.45	0.65	0.34	0.27	0.17	0.13
9	0.13	0.15	0.23	0.19	0.30	0.45	0.37	0.52	0.30	0.30	0.17	0.13
10	0.13	0.15	0.17	0.19	0.21	0.45	0.52	0.48	0.27	0.59	0.17	0.12
11	0.13	0.15	0.17	0.17	0.19	0.41	0.45	0.72	0.27	1.24	0.17	0.12
12	0.15	0.17	0.19	0.17	0.37	0.59	0.37	0.85	0.27	0.52	0.17	0.12
13	0.15	0.19	0.17	0.17	0.59	0.55	0.37	0.65	0.27	0.45	0.17	0.12
14	0.13	0.19	0.19	0.15	0.41	0.72	0.37	0.59	0.30	0.37	0.17	0.12
15	0.19	0.21	0.45	0.15	0.37	0.55	0.37	0.55	0.30	0.34	0.17	0.12
16	0.17	0.21	0.30	0.15	0.34	0.55	0.37	0.52	0.27	0.30	0.17	0.13
17	0.15	0.19	0.27	0.17	0.41	0.52	0.37	0.52	0.27	0.27	0.17	0.13
18	0.13	0.19	0.21	0.17	0.55	0.45	0.34	0.52	0.23	0.27	0.17	0.13
19	0.13	0.21	0.21	0.15	0.37	0.55	0.30	0.52	0.23	0.27	0.17	0.13
20	0.13	0.23	0.19	0.19	0.37	0.45	0.30	0.48	0.23	0.27	0.15	0.13
21	0.13	0.23	0.19	0.17	0.37	0.37	0.34	0.48	0.27	0.23	0.15	0.13
22	0.13	0.45	0.17	0.15	0.30	0.37	0.30	0.48	0.27	0.23	0.15	0.13
23	0.17	0.34	0.19	0.19	0.27	0.37	0.30	0.45	0.23	0.23	0.15	0.13
24	0.15	0.27	0.19	0.21	0.34	0.34	0.30	0.45	0.23	0.23	0.15	0.12
25	0.17	0.30	0.17	0.17	0.37	0.37	0.30	0.41	0.23	0.23	0.15	0.12
26	0.17	0.30	0.17	0.21	0.45	0.48	0.30	0.41	0.23	0.23	0.15	0.12
27	0.17	0.21	0.17	0.37	0.37	0.48	0.27	0.41	0.23	0.23	0.15	0.12
28	0.17	0.23	0.19	0.27	0.45	0.52	0.30	0.41	0.23	0.23	0.13	0.12
29	0.30	0.23	0.34	0.48	0.34	0.48	0.34	0.41	0.23	0.23	–	0.12
30	0.27	0.41	0.34	0.34	0.41	0.48	0.48	0.41	0.23	0.23	–	0.12
31	–	0.30	–	0.30	0.41	–	0.41	–	0.23	0.21	–	0.12
Total	4.61	6.81	6.74	7.41	12.09	13.59	12.12	15.26	8.53	9.96	4.66	3.97
Mean	0.15	0.22	0.22	0.24	0.39	0.45	0.39	0.51	0.27	0.32	0.17	0.13
Max.	0.30	0.45	0.45	0.48	0.85	0.72	0.85	0.85	0.37	1.24	0.19	0.15
Min.	0.13	0.15	0.17	1.15	0.19	0.26	0.27	0.37	0.23	0.21	0.13	0.12
Runoff - mcm.	0.398	0.588	0.582	0.640	1.045	1.174	1.047	1.318	0.737	0.861	0.403	0.343

WATER YEAR 1974 : Max. 1.24 Min. 0.12 Mean 0.29 Annual Runoff 9.137 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 6	02.00	0.80	4.14				

PING RIVER BASIN

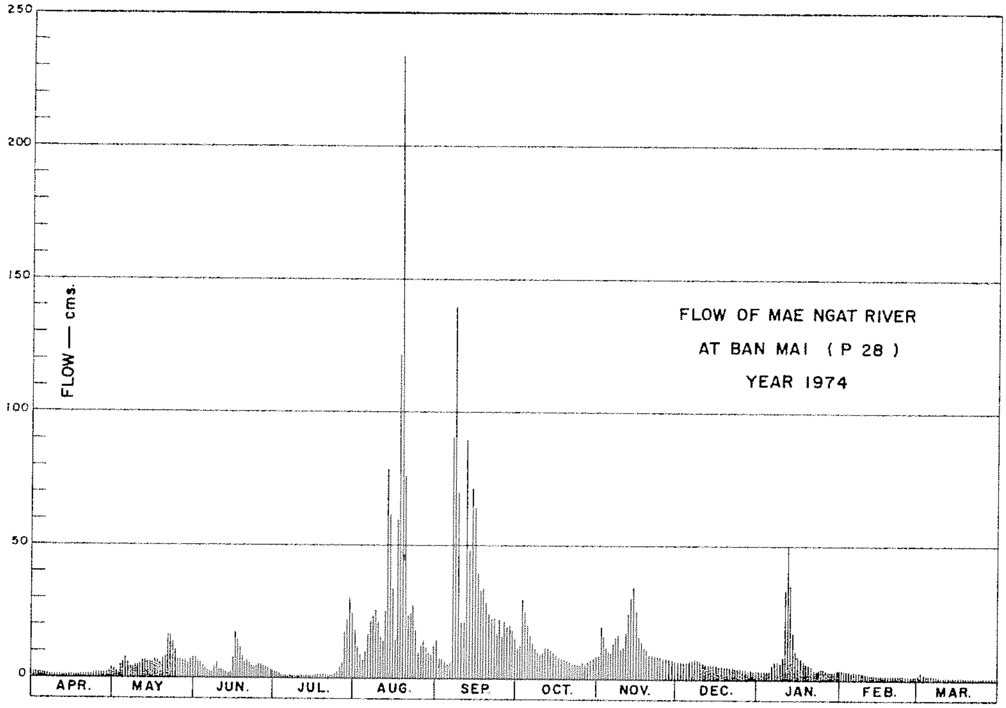
Mae Ngat River at Ban Mai, Chiang Mai (P.28)

Location:	Lat. 19°-10'-12" N., Long. 99°-03'-06" E., on left bank about 2 kilometers upstream from Mae Ngat Weir, at Ban Mai, Amphoe Mae Taeng, Chiang Mai.
Drainage Area:	1,261 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - RID
Location:	near the vertical staff gage.
Elevation:	+ 6.692 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:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment but periodic curve are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 200 discharge measurements made in 1974. Flow regulated by Mae Ngat Weir which built by the local residents for irrigation.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.64	0.72	0.84	0.68	1.02	0.99	1.08	1.03	0.95	0.82	0.83	0.76
2	.64	.68	.82	.65	0.90	.95	.06	.25	.94	.82	.82	.82
3	.64	.66	.80	.63	.83	.93	.41	.13	.94	.81	.82	.80
4	.65	.81	.72	.61	.81	.91	.31	.05	.93	.81	.82	.78
5	.63	.80	.69	.62	.90	.88	.23	.01	.93	.82	.82	.77
6	0.62	0.86	0.67	0.62	1.09	0.93	1.20	1.01	0.93	0.89	0.82	0.76
7	.61	.76	.66	.61	.20	2.41	.14	.14	.99	.95	.81	.76
8	.59	.71	.64	.61	.22	1.94	.06	.19	.99	.93	.81	.76
9	.58	.73	.79	.60	.28	.47	.01	.10	.95	.91	.81	.75
10	.58	.76	.70	.60	.11	.26	0.99	.05	.93	.98	.80	.74
11	0.58	0.76	0.68	0.60	1.00	1.27	1.01	1.07	0.92	1.48	0.80	0.74
12	.58	.79	.68	.62	.30	2.04	.10	.33	.91	.68	.79	.74
13	.58	.82	.64	.60	.94	1.64	.06	.33	.91	.25	.79	.73
14	.58	.78	.62	.61	.66	.89	.05	.49	.90	.08	.78	.73
15	.58	.81	.68	.61	.27	.81	.00	.30	.90	.01	.77	.73
16	0.62	0.80	1.11	0.60	1.03	1.55	0.98	1.18	0.90	0.99	0.77	0.73
17	.62	.84	.03	.59	.96	.45	.97	.12	.89	.96	.77	.73
18	.62	.80	0.96	.58	2.99	.47	.97	.08	.88	.94	.77	.73
19	.60	.75	.84	.63	1.92	.38	.95	.07	.88	.92	.77	.73
20	.60	.83	.76	.62	.51	.31	.95	.05	.87	.90	.76	.73
21	0.59	0.87	0.82	0.62	1.31	1.29	0.92	1.01	0.86	0.90	0.76	0.73
22	.59	1.08	.77	.61	.37	.30	.91	.00	.86	.80	.76	.73
23	.58	.05	.74	.62	.27	.19	.90	.00	.86	.86	.77	.73
24	.64	0.95	.74	.66	.12	.30	.89	0.99	.86	.85	.78	.73
25	.66	.85	.75	.68	.02	.16	.87	.99	.86	.85	.78	.74
26	0.66	0.86	0.77	0.74	1.13	1.29	0.93	0.98	0.85	0.84	0.78	0.74
27	.66	.83	.72	.80	.09	.25	.93	.97	.85	.83	.77	.74
28	.64	.84	.70	1.15	.06	.24	.90	.97	.85	.82	.76	.74
29	.63	.81	.68	.21	.01	.23	.95	.96	.84	.81	-	.74
30	.66	.78	.68	.35	0.98	.15	.97	.96	.84	.82	-	.74
31	-	.87	-	.16	1.14	-	.97	-	.83	.84	-	.74
Mean	0.61		0.76	0.71	1.27	1.36	1.02	1.06	0.90	0.94	0.79	0.74
Max.	0.66	1.08	1.11	1.35	2.99	2.41	1.41	1.49	0.95	1.68	0.83	0.82
Min.	0.58	0.66	0.62	0.58	0.81	0.88	0.87	0.96	0.83	0.80	0.76	0.73

WATER YEAR 1974 : Max. 2.99 m. Min. 0.58 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.36	4.32	4.84	3.32	15	8.68	12	10	7.40	3.40	3.70	2.00
2	2.36	3.32	7.12	2.60	10	7.40	11	20	7.08	3.40	3.40	3.40
3	2.36	2.84	6.40	2.12	7.48	6.76	30	14	7.08	3.10	3.40	2.80
4	2.60	6.76	4.32	1.64	6.76	6.12	24	11	6.76	3.10	3.40	2.40
5	2.12	6.40	3.56	1.88	10	5.20	19	9.40	6.76	3.40	3.40	2.20
6	1.88	8.56	3.08	1.88	18	6.76	18	9.40	7.08	5.50	3.40	2.00
7	1.64	5.36	2.84	1.64	23	139	15	15	7.40	7.40	3.10	2.00
8	1.26	4.06	2.36	1.64	24	78	11	17	7.72	6.76	3.10	2.00
9	1.12	4.58	6.14	1.40	27	34	9.40	13	7.40	6.12	3.10	1.80
10	1.12	5.36	3.80	1.40	18	21	8.68	11	6.76	8.36	2.80	1.60
11	1.12	5.36	3.32	1.40	14	21	9.40	12	6.44	35	2.80	1.60
12	1.12	6.14	3.32	1.88	28	90	13	25	6.12	51	2.60	1.60
13	1.12	7.12	2.36	1.40	79	48	11	25	6.12	20	2.60	1.40
14	1.12	5.88	1.88	1.64	53	72	11	35	5.80	12	2.40	1.40
15	1.12	6.76	3.32	1.64	27	64	9.00	23	5.80	9.40	2.20	1.40
16	1.88	6.40	18	1.40	15	40	8.36	17	5.80	8.68	2.20	1.40
17	1.88	7.84	15	1.26	*82	33	8.04	14	5.50	7.72	2.20	1.40
18	1.88	6.40	12	1.12	233	34	8.04	12	5.20	7.08	2.20	1.40
19	1.40	5.10	7.84	2.12	76	28	7.40	12	5.20	6.44	2.20	1.40
20	1.40	7.48	5.36	1.88	37	24	7.08	11	4.90	5.80	2.00	1.40
21	1.26	8.92	7.12	1.88	24	22	6.44	9.40	4.60	5.80	2.00	1.40
22	1.26	17	5.62	1.64	27	23	6.12	9.00	4.60	2.80	2.00	1.40
23	1.12	16	4.84	1.88	21	17	5.80	9.00	4.60	4.60	2.20	1.40
24	2.36	12	4.84	2.84	14	23	5.50	8.68	4.60	4.30	2.40	1.40
25	2.84	8.20	5.10	3.32	9.80	16	4.90	8.68	4.60	4.30	2.40	1.60
26	2.84	8.56	5.62	4.84	14	22	6.76	8.36	4.30	4.00	2.40	1.60
27	2.84	7.48	4.32	6.40	13	20	6.76	8.04	4.30	3.70	2.20	1.60
28	2.36	7.84	3.80	20	11	20	5.80	8.04	4.30	3.40	2.00	1.60
29	2.12	6.76	3.32	23	9.40	19	7.40	7.72	4.00	3.10	–	1.60
30	2.84	5.88	3.32	31	8.36	15	8.04	7.72	4.00	3.40	–	1.60
31	–	8.92	–	21	15	–	8.04	–	3.70	4.00	–	1.60
Total	54.70	223.60	167.76	153.06	969.80	963.92	321.96	400.44	175.92	257.00	73.80	53.40
Mean	1.82	7.21	5.59	4.94	31.2	32.1	10.3	13.3	5.67	8.29	2.63	1.72
Max.	2.84	17	18	31	233	139	30	35	7.40	51	3.70	3.40
Min.	1.12	2.84	1.88	1.12	6.76	5.20	4.90	7.72	3.70	2.80	2.00	1.40
Runoff – mcm.	4.726	19.319	14.494	13.224	33.791	83.283	27.817	34.598	15.199	22.205	6.376	4.614

WATER YEAR 1974 : Max. 233 Min. 1.12 Mean 10.4 Annual Runoff 329.647 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	12.00	3.17	267				

PING RIVER BASIN

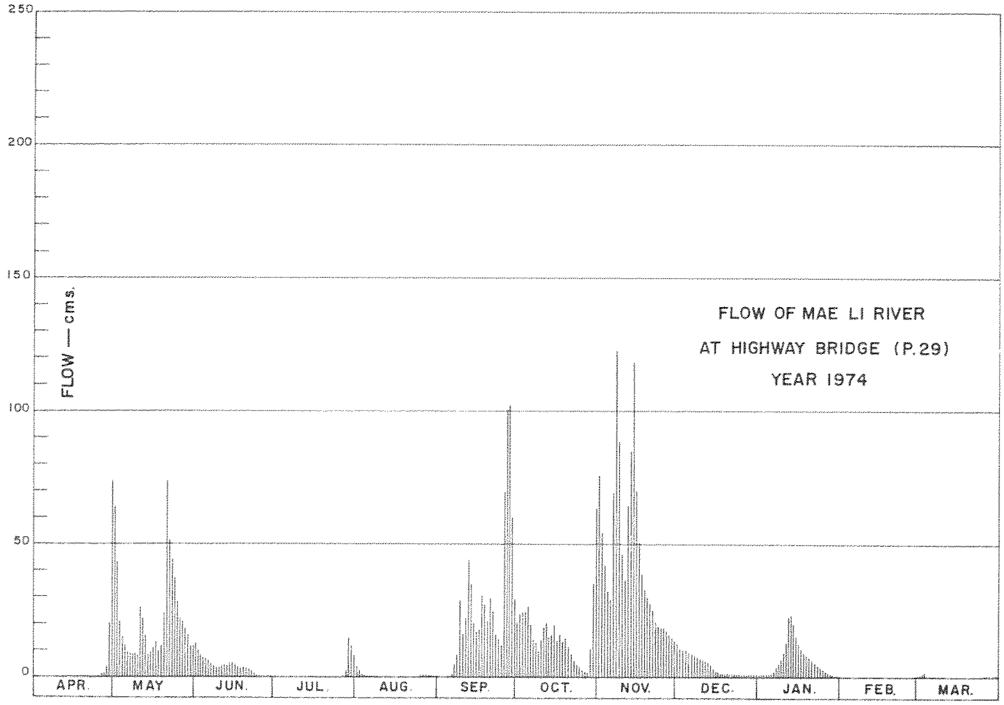
Mae Li River at Highway Bridge, Lamphun (P.29)

Location:	Lat. 18°-18'-38" N., Long. 98°-49'-35" E., on right bank at Kaeo Sonthi Bridge, Amphoe Ban Hong, Lamphun.
Drainage Area:	1,970 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - P29
Location:	about 25 meters from the top of vertical staff gage.
Elevation:	+ 2.483 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1969 to date.
Rating Operation:	
Period of Rating:	1969 to date.
Rated by Float:	-
Rated by Current Meter:	1969 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 13 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.23	1.71	1.09	0.35	0.85	0.45	1.24	1.79	1.09	0.60	0.47	0.43
2	.24	.44	0.99	.34	.70	.41	.28	.67	.06	.59	.46	.53
3	.23	.25	.97	.34	.52	.40	.29	.59	.05	.57	.45	.64
4	.23	.15	.93	.33	.45	.39	.29	.44	.04	.54	.44	.49
5	.23	.07	.91	.34	.43	.39	.33	.36	.03	.62	.42	.43
6	0.23	1.02	0.88	0.33	0.46	0.45	1.25	1.46	1.02	0.67	0.42	0.43
7	.24	0.99	.83	.32	.49	.63	.14	.99	0.99	.75	.41	.43
8	.23	.99	.78	.33	.48	.96	.12	2.07	.98	.86	.42	.44
9	.23	.99	.74	.34	.50	1.36	.03	1.73	.97	.93	.41	.43
10	.24	.95	.80	.33	.46	.30	.11	.54	.95	.97	.41	.45
11	0.26	1.32	0.82	0.34	0.44	1.17	1.20	1.46	0.94	1.11	0.40	0.45
12	.26	.26	.83	.34	.46	.35	.23	.65	.93	.27	.41	.45
13	.25	.10	.81	.33	.48	.53	.16	.80	.88	.29	.41	.44
14	.25	0.97	.87	.35	.45	.33	.16	2.05	.78	.21	.42	.43
15	.24	1.01	.87	.35	.42	.19	.21	1.77	.73	.13	.42	.42
16	0.24	1.05	0.84	0.34	0.42	1.19	1.13	1.61	0.72	1.07	0.41	0.46
17	.26	.09	.78	.34	.41	.28	.17	.49	.69	.03	.41	.44
18	.26	.01	.75	.34	.40	.38	.13	.44	.66	0.99	.40	.44
19	.27	.08	.77	.33	.39	.28	.14	.39	.63	.98	.40	.45
20	.27	.25	.75	.34	.38	.24	.11	.36	.60	.95	.41	.45
21	0.28	1.78	0.74	0.33	0.37	1.37	1.06	1.32	0.59	0.91	0.42	0.47
22	.27	.60	.66	.33	.36	.30	.01	.29	.59	.88	.42	.46
23	.28	.54	.56	.33	.38	.17	0.92	.23	.60	.85	.41	.45
24	.32	.47	.45	.34	.39	.12	.87	.22	.59	.80	.41	.45
25	.41	.35	.41	.33	.41	.07	.82	.21	.60	.73	.40	.46
26	0.51	1.26	0.38	0.34	0.56	1.53	0.73	1.21	0.58	0.70	0.41	0.47
27	.58	.24	.37	.35	.50	.95	.70	.19	.58	.62	.40	.47
28	.79	.22	.36	.68	.47	.96	.64	.16	.57	.57	.42	.49
29	.92	.14	.35	1.15	.43	.66	1.01	.15	.58	.51	-	.54
30	1.78	.05	.34	.08	.41	.40	.41	.13	.58	.48	-	.54
31	-	.07	-	0.97	.43	-	.59	-	.59	.47	-	.53
Mean	0.37	1.21	0.72	0.42	0.46	1.14	1.11	1.49	0.78	0.83	0.42	0.47
Max.	1.78	1.78	1.09	1.15	0.85	1.96	1.59	2.07	1.09	1.29	0.47	0.64
Min.	0.23	0.95	0.34	0.32	0.36	0.39	0.64	1.13	0.57	0.47	0.40	0.42

WATER YEAR 1974 : Max. 2.07 m. Min. 0.23 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.060	65	13	0.35	5.00	0.75	21	76	13	1.50	0.85	0.65
2	0.080	36	8.70	0.32	2.50	0.55	24	60	11	1.45	0.80	1.15
3	0.060	21	8.10	0.32	1.10	0.50	24	51	11	1.35	0.75	1.90
4	0.060	15	6.90	0.29	0.75	0.47	24	36	11	1.20	0.70	0.95
5	0.060	12	6.30	0.32	0.65	0.47	27	29	10	1.70	0.60	0.65
6	0.060	9.80	5.60	0.29	0.80	0.75	21	37	9.80	2.20	0.60	0.65
7	0.080	8.70	4.60	0.26	0.95	1.80	15	107	8.70	3.25	0.55	0.65
8	0.060	8.70	3.70	0.29	0.90	7.80	14	123	8.40	5.20	0.60	0.70
9	0.060	8.70	3.10	0.32	1.00	29	10	68	8.10	6.90	0.55	0.65
10	0.080	7.50	4.00	0.29	0.80	25	13	45	7.50	8.10	0.55	0.75
11	0.12	26	4.40	0.32	0.70	16	18	37	7.20	13	0.50	0.75
12	0.12	22	4.60	0.32	0.80	28	20	58	6.90	23	0.55	0.75
13	0.10	13	4.20	0.29	0.90	44	16	77	5.60	24	0.55	0.70
14	0.10	8.10	5.40	0.35	0.75	27	16	119	3.70	19	0.60	0.65
15	0.080	9.40	5.40	0.35	0.60	17	19	73	2.95	14	0.60	0.66
16	0.080	11	4.80	0.32	0.60	17	14	53	2.80	12	0.55	0.80
17	0.12	13	3.70	0.32	0.55	24	16	40	2.40	10	0.55	0.70
18	0.12	9.40	3.25	0.32	0.50	31	14	36	2.10	8.70	0.50	0.70
19	0.14	12	3.55	0.29	0.47	24	15	31	1.80	8.40	0.50	0.75
20	0.14	21	3.25	0.32	0.44	21	13	29	1.50	7.50	0.55	0.75
21	0.16	74	3.10	0.29	0.41	30	11	26	1.45	6.30	0.60	0.85
22	0.14	52	2.10	0.29	0.38	25	9.40	24	1.45	5.60	0.60	0.80
23	0.16	45	1.30	0.29	0.44	16	6.60	20	1.50	5.00	0.55	0.75
24	0.26	38	0.75	0.32	0.47	14	5.40	19	1.45	4.00	0.55	0.75
25	0.55	28	0.55	0.29	0.55	12	4.40	19	1.50	2.95	0.50	0.80
26	1.05	22	0.44	0.32	1.30	44	2.95	19	1.40	2.50	0.55	0.85
27	1.40	21	0.41	0.35	1.00	100	2.50	17	1.40	1.70	0.50	0.85
28	3.85	19	0.38	2.30	0.85	102	1.90	16	1.35	1.35	0.60	0.95
29	6.60	15	0.35	15	0.65	59	9.40	15	1.40	1.05	–	1.20
30	74	11	0.32	12	0.55	32	33	14	1.40	0.90	–	1.20
31	–	12	–	8.10	0.65	–	51	–	1.45	0.85	–	1.15
Total	89.95	674.30	116.25	45.80	28.01	750.09	491.55	1.374	151.20	204.65	16.45	26.00
Mean	3.00	21.7	3.87	1.48	0.90	25.0	15.8	45.8	4.88	6.60	0.59	0.84
Max.	74	74	13	15	5.00	102	51	123	13	24	0.85	1.90
Min.	0.060	7.50	0.32	0.26	0.38	0.47	1.90	14	1.35	0.85	0.50	0.60
Runoff - mcm.	7.772	58.259	10.044	3.957	2.420	64.808	42.470	118.714	13.064	17.682	1.421	2.246

WATER YEAR 1974 : Max. 123 Min. 0.060 Mean 10.9 Annual Runoff 342.857 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.8	06.00	2.13	136				

PING RIVER BASIN

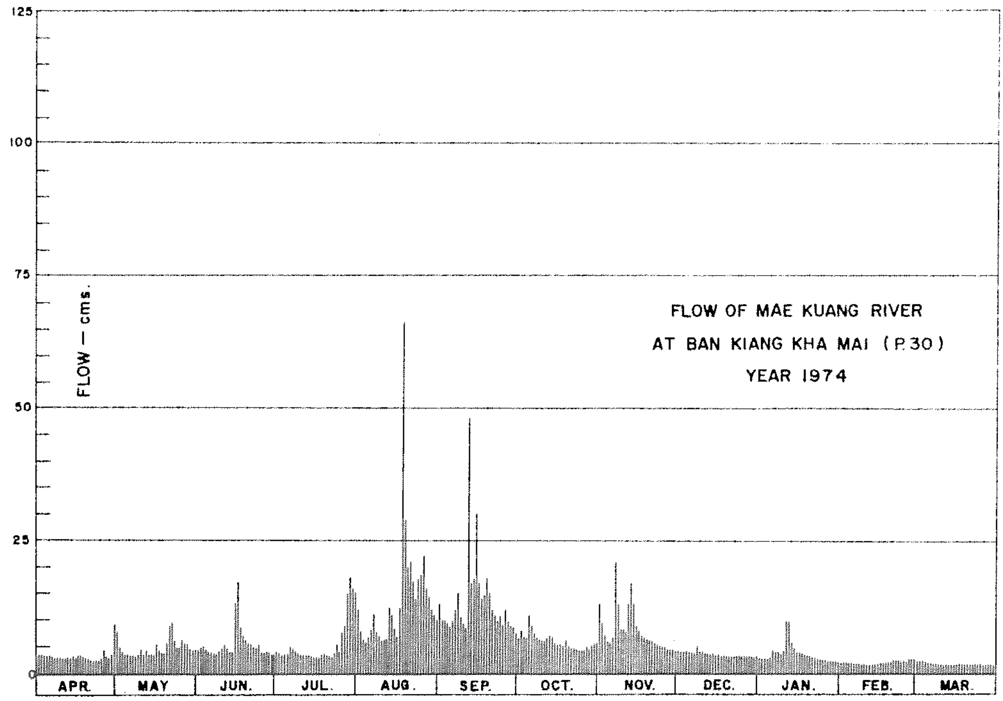
Mae Kuang River at Ban Kiang Kha Mai, Chiang Mai (P.30)

Location:	Lat. 18°-56'-35" N., Long. 99°-08'-02" E., on right bank at Ban Kiang Kha Mai, Amphoe Doi Saket, Chiang Mai.
Drainage Area:	466 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 344.544 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	infront of automatic gage site.
Elevation:	+ 349.874 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1973.
Rated by Float:	-
Rated by Current Meter:	1967-1973.
Stability of Channel Regimes:	Rather unstable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 26 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	345.75	345.92	345.79	348.78	346.04	346.06	345.89	346.05	345.80	345.73	345.69	345.70
2	.75	.81	.81	.77	345.93	345.99	.93	345.97	.80	.73	.69	.70
3	.74	.78	.82	.75	.87	.99	.89	.90	.79	.73	.69	.71
4	.74	.76	.79	.76	.85	.96	.89	.87	.79	.73	.69	.70
5	.74	.75	.78	.76	.88	.94	346.01	.86	.79	.75	.69	.68
6	345.73	345.74	345.77	345.82	345.93	345.99	345.95	345.89	345.78	345.81	345.68	345.68
7	.72	.74	.76	.81	346.01	346.04	.91	346.22	.78	.79	.67	.67
8	.72	.73	.76	.79	345.92	.09	.89	.06	.83	.79	.67	.67
9	.73	.74	.79	.77	.89	.00	.88	345.93	.79	.78	.66	.66
10	.72	.79	.81	.75	.86	345.96	.87	.93	.79	.81	.66	.66
11	345.72	345.74	345.83	345.75	345.87	345.94	345.87	345.92	345.78	345.99	345.65	345.66
12	.73	.79	.81	.75	.87	346.60	.89	346.05	.77	.98	.65	.66
13	.73	.76	.78	.75	346.02	.14	.90	.13	.77	.86	.65	.65
14	.74	.76	.78	.74	.01	.16	.89	.06	.77	.82	.66	.65
15	.73	.75	346.05	.73	345.93	.36	.85	345.95	.76	.79	.66	.65
16	345.75	345.83	346.13	345.73	345.89	346.14	345.84	345.93	345.77	345.79	345.68	345.65
17	.75	.79	345.94	.72	346.04	.08	.85	.90	.76	.78	.68	.66
18	.73	.77	.89	.74	.78	.10	.84	.89	.76	.77	.68	.66
19	.72	.77	.86	.78	.35	.16	.87	.87	.75	.77	.69	.66
20	.71	.85	.84	.75	.20	.09	.83	.87	.75	.76	.69	.66
21	345.70	345.94	345.83	345.74	346.21	346.04	345.82	345.86	345.75	345.75	345.71	345.66
22	.69	.96	.82	.73	.13	.00	.82	.85	.75	.74	.71	.66
23	.70	.86	.81	.78	.07	345.99	.81	.84	.75	.73	.71	.66
24	.70	.81	.83	.84	.10	346.00	.81	.83	.75	.73	.71	.66
25	.72	.81	.78	.80	.12	345.95	.81	.83	.75	.72	.71	.67
26	345.79	345.86	345.77	345.92	346.23	346.03	345.81	345.82	345.75	345.71	345.70	345.65
27	.73	.84	.78	.95	.12	345.97	.83	.81	.75	.70	.69	.65
28	.73	.84	.78	346.09	.07	.95	.82	.81	.75	.70	.69	.65
29	.77	.81	.76	.16	.03	.94	.84	.81	.74	.70	-	.65
30	.95	.79	.76	.12	.00	.91	.85	.80	.74	.70	-	.65
31	-	.80	-	.10	345.99	-	.86	-	.74	.70	-	.65
Mean	345.74	345.80	345.82	345.82	346.04	346.05	345.86	345.92	345.77	345.77	345.68	345.66
Max.	345.95	345.96	346.13	346.16	346.78	346.60	346.01	346.22	345.83	345.99	345.71	345.71
Min.	345.69	345.73	345.76	345.72	345.85	345.91	345.81	345.80	345.74	345.70	345.65	345.65

WATER YEAR 1974 : Max. 346.78 m. Min. 345.65 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.30	7.92	4.02	3.84	12	13	6.90	13	4.20	2.94	2.26	2.40
2	3.30	4.50	4.50	3.66	8.28	10	8.28	9.72	4.20	2.94	2.26	2.40
3	3.12	3.84	4.80	3.30	6.30	10	6.90	7.20	4.02	2.94	2.26	2.58
4	3.12	3.48	4.02	3.48	5.70	9.36	6.90	6.30	4.02	2.94	2.26	2.40
5	3.12	3.30	3.83	3.48	6.60	8.64	11	6.00	4.02	3.30	2.26	2.12
6	2.94	3.12	3.66	4.80	8.28	10	9.00	6.90	3.84	4.50	2.12	2.12
7	2.76	3.12	3.48	4.50	11	12	7.56	21	3.84	4.02	1.98	1.98
8	2.76	2.94	3.48	4.02	7.92	15	6.90	13	5.10	4.02	1.98	1.98
9	2.94	3.12	4.02	3.66	6.90	11	6.60	8.28	4.02	3.84	1.84	1.84
10	2.76	4.02	4.50	3.30	6.00	9.36	6.30	8.28	4.02	4.50	1.84	1.84
11	2.76	3.12	5.10	3.30	6.30	8.64	6.30	7.92	3.84	10	1.70	1.84
12	2.94	4.02	4.50	3.30	6.30	48	6.90	13	3.66	10	1.70	1.84
13	2.94	3.48	3.84	3.30	12	17	7.20	17	3.66	6.00	1.70	1.70
14	3.12	3.48	3.84	3.12	11	18	6.90	13	3.66	4.80	1.84	1.70
15	2.94	3.30	13	2.94	8.28	30	5.70	9.00	3.48	4.02	1.84	1.70
16	3.30	5.10	17	2.94	6.90	17	5.40	8.28	3.66	4.02	2.12	1.70
17	3.30	4.02	8.64	2.76	12	14	5.70	7.20	3.48	3.84	2.12	1.84
18	2.94	3.66	6.90	3.12	66	15	5.40	6.90	3.48	3.66	2.12	1.84
19	2.76	3.66	6.00	3.84	29	18	6.30	6.30	3.30	3.66	2.26	1.84
20	2.58	5.70	5.40	3.30	20	15	5.10	6.30	3.30	3.48	2.26	1.84
21	2.40	8.64	5.10	3.12	21	12	4.80	6.00	3.30	3.30	2.58	1.84
22	2.26	9.36	4.80	2.94	17	11	4.80	5.70	3.30	3.12	2.58	1.84
23	2.40	6.00	4.50	3.84	14	10	4.50	5.40	3.30	2.94	2.58	1.84
24	2.40	4.50	5.10	5.40	15	11	4.50	5.10	3.30	2.94	2.58	1.84
25	2.76	4.50	3.84	4.20	16	9.00	4.50	5.10	3.30	2.76	2.58	1.98
26	4.02	6.00	3.66	7.92	22	12	4.50	4.80	3.30	2.58	2.40	1.70
27	2.94	5.40	3.84	9.00	16	9.72	5.10	4.50	3.30	2.40	2.60	1.70
28	2.94	5.40	3.84	15	14	9.00	4.80	4.50	3.30	2.40	2.60	1.70
29	3.66	4.50	3.48	18	12	8.64	5.40	4.50	3.12	2.40	-	1.70
30	9.00	4.02	3.48	16	11	7.56	5.70	4.20	3.12	2.40	-	1.70
31	-	4.20	-	15	10	-	6.00	-	3.12	2.40	-	1.70
Total	94.48	141.42	156.18	170.38	424.76	408.92	191.84	244.38	112.56	119.06	60.54	59.04
Mean	3.15	4.56	5.21	5.50	13.7	13.6	6.19	8.15	3.63	3.84	2.16	1.90
Max.	9.00	9.36	17	18	66	48	11	21	5.10	10	2.58	2.58
Min.	2.26	2.94	3.48	2.76	5.70	7.56	4.50	4.20	3.12	2.40	1.70	1.70
Runoff - MCM.	8.163	12.219	13.494	14.721	36.699	35.331	16.575	21.114	9.725	10.287	5.231	5.101

WATER YEAR 1974 : Max. 66 Min. 1.70 Mean 5.98 Annual Runoff 188.659 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 12	06.00	347.28	117				

PING RIVER BASIN

Huai Mae Raka at Ban Khlong Pradu, Tak (P.32)

Location: Lat. 16°-55'-27" N., Long. 99°-18'-09" E., on right bank about 500 meters upstream from Ban Wang Prachop, Amphoe Muang, Tak.

Drainage Area: 342 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: on right bank near automatic gage building.
Elevation: + 3.516 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1971 to date.

Rating Operation:

Period of Rating: 1971 to date.
Rated by Float: -
Rated by Current Meter: 1971 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

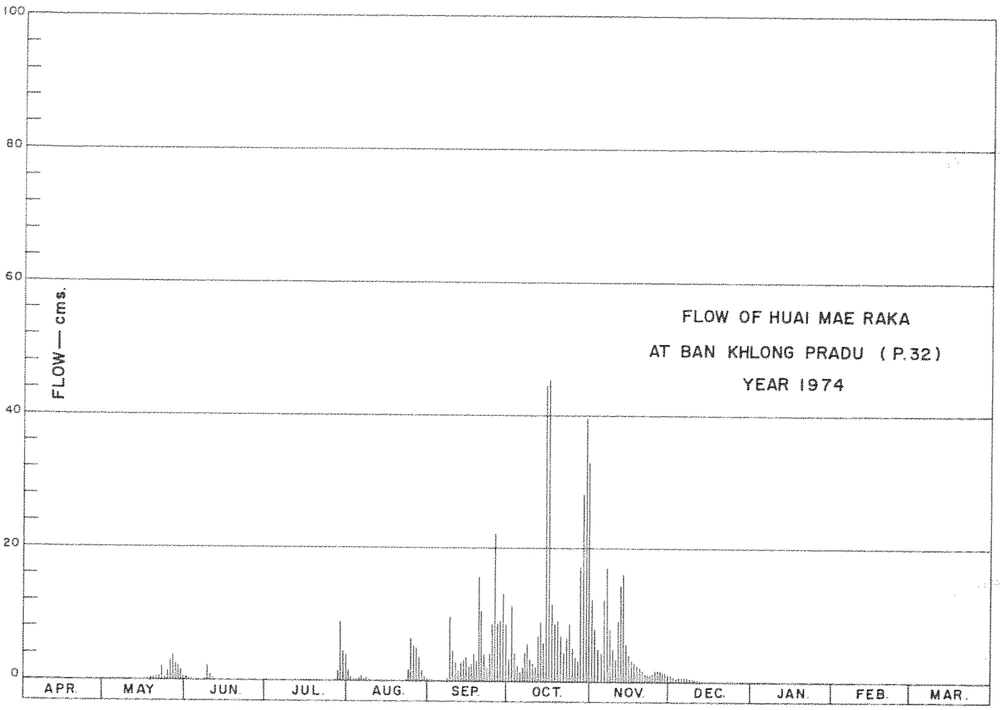
General Description: Records fair. Stage-discharge relation defined by 39 discharge measurements made in 1974.

Remarks: No flow on periods April 1 - May 22, July 1-28, January 1 - March 31.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			0.17		0.42	0.16	0.58	1.21	0.31			
2			.20		.24	.09	1.13	0.96	.26			
3			.10		.13	.09	0.67	.85	.23			
4			.05		.08	.06	.47	.71	.24			
5			.04		.19	.02	.36	.65	.25			
6			0.03		0.27	0.00	0.39	1.08	0.24			
7			.03		.20	0.11	.61	.40	.24			
8			.19		.23	.21	.77	0.92	.23			
9			.45		.22	1.03	.56	.74	.22			
10			.28		.10	0.66	.53	.65	.21			
11			0.16		0.04	0.48	0.46	0.58	0.19			
12			.09		.01	.37	.84	1.26	.16			
13			.05		.00	.52	1.00	.36	.14			
14			.04		-0.03	.56	0.77	0.82	.11			
15			.04		-0.04	.60	2.49	.70	.09			
16			0.02		-0.05	0.46	2.52	0.59	0.09			
17			.09		-0.04	0.48	1.15	.55	.08			
18			.10		0.00	.62	0.96	.49	.07			
19			.05		0.00	.53	.99	.43	.06			
20			.04		0.01	1.33	1.01	.38	.04			
21			0.02		-0.01	0.84	0.79	0.33	0.03			
22			.00		-0.03	.58	.64	.29	.03			
23		0.44	-0.03		-0.05	.44	.83	.26	.02			
24		.20	-0.05		0.45	.65	.98	.30	.01			
25		.35			.83	1.07	.72	.37	.00			
26		0.55			0.72	1.62	0.61	0.42	0.00			
27		.64			.73	0.98	.56	.40	.00			
28		.50			.62	.87	1.40	.39	.00			
29		.45		1.00	.43	1.21	.72	.35	-0.02			
30		.31		0.49	.29	0.73	2.31	.34	-0.02			
31		.19		.63	.20	-	1.99	-	-0.03			
Mean	0.00				0.20	0.58	0.99	0.66	0.11	0.00	0.00	0.00
Max.		0.64	0.45	1.00	0.42	1.62	2.52	1.40	0.31			
Min.			-0.05		-0.05	0.00	0.36	0.26	-0.03			

WATER YEAR 1974 : Max. 2.52 m. Min. - 0.05 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			0.24		1.83	0.21	3.35	13	0.97			
2			0.35		0.77	0.00	11	8.33	0.68			
3			0.00		0.10	0.00	4.35	6.67	0.51			
4			0.00		0.00	0.00	2.28	4.82	0.57			
5			0.00		0.31	0.00	1.35	4.12	0.62			
6			0.00		0.73	0.00	1.57	10	0.57			
7			0.00		0.35	0.03	3.66	17	0.57			
8			0.31		0.51	0.40	5.57	7.71	0.51			
9			2.10		0.46	9.49	3.15	5.20	0.46			
10			0.79		0.00	4.24	2.65	4.12	0.40			
11			0.21		0.00	2.37	2.19	3.35	0.31			
12			0.00		0.00	1.42	6.53	14	0.21			
13			0.00		0.00	2.71	6.95	16	0.14			
14			0.00		0.00	3.15	5.57	6.24	0.03			
15			0.00		0.00	3.55	44	4.70	0.00			
16			0.00		0.00	2.19	45	3.45	0.00			
17			0.00		0.00	2.37	12	3.05	0.00			
18			0.00		0.00	3.78	8.33	2.46	0.00			
19			0.00		0.00	2.85	8.79	1.92	0.00			
20			0.00		0.00	15	9.13	1.50	0.00			
21			0.00		0.00	6.53	5.82	1.12	0.00			
22			0.00		0.00	3.35	4.01	0.84	0.00			
23		2.01	0.00		0.00	2.01	6.38	0.68	0.00			
24		0.35	0.00		2.10	4.12	8.64	0.90	0.00			
25		1.27	–		6.38	10	4.95	1.42	0.00			
26		3.05			4.95	22	3.66	1.83	0.00			
27		4.01			5.07	8.64	3.15	1.65	0.00			
28		2.55			3.78	6.96	17	1.57	0.00			
29		2.10		8.95	1.92	13	24	1.27	0.00			
30		0.97		2.46	0.84	5.07	39	1.20	0.00			
31		0.31		3.90	0.35	–	33	–	0.00			
Total	0.0	16.62	4.00	15.31	30.25	135.48	339.23	150.12	6.55	0.0	0.0	0.0
Mean	0.0	0.54	0.13	0.49	0.98	4.52	10.9	5.0	0.21	0.0	0.0	
Max.		4.01	2.10	8.95	1.83	22	45	17	0.97			
Min.		0.00	0.00		0.00	0.00	1.35	0.68	0.00			
Runoff - mcm.	0.00	1.436	0.346	1.323	2.614	11.705	29.309	12.970	0.566	0.0	0.0	0.0

WATER YEAR 1974 : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge

PING RIVER BASIN

Mae Kuang at Ban Pha Taek, Chiang Mai (P.34)

Location: Lat. 18°-56'-22" N., Long. 99°-07'-25" E., on left bank at Ban Pha Taek, Amphoe Doi Saket, Chiang Mai.

Drainage Area: 566 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 339.350 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near the vertical staff gage.
Elevation: + 344.446 m. (M.S.L.)

Gage Reading Frequency: 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: 1974 to date.

Rating Operation:

Period of Rating: 1974 to date.
Rated by Float: -
Rated by Current Meter: 1974 to date.

Stability of Channel Regimes: Fairly stable, no shifting adjustment but periodic curve are used for flow computation.

Overbank Flow Conditions: No overbank flow.

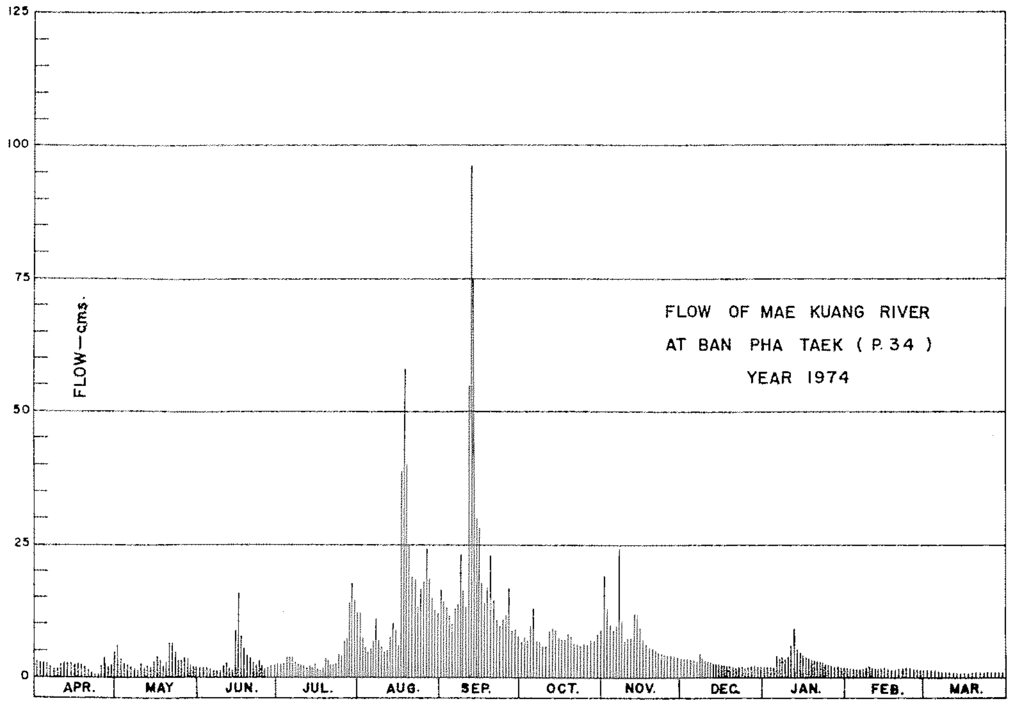
General Description: Records fair. Stage-discharge relation defined by 157 discharge measurements made in 1974.

Remarks: Asterisk (*) designates the discharges determined from hourly gage-heights.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	340.00	340.12	339.91	339.95	340.28	340.23	340.01	340.30	340.01	339.94	339.93	339.91
2	339.98	.02	.93	.95	.16	.16	.03	.17	.00	.94	.92	.90
3	.97	.01	.92	.95	.10	.16	.02	.10	.00	.93	.91	.90
4	.96	339.97	.91	340.03	.06	.12	339.98	.08	.00	.93	.91	.90
5	.95	.96	.89	.03	.09	.10	340.16	.06	339.99	.93	.91	.89
6	339.92	339.94	339.87	340.03	340.14	340.16	340.07	340.09	339.99	340.03	339.91	339.89
7	.91	.92	.86	.00	.25	.19	.01	.46	.98	.01	.91	.88
8	.90	.90	.86	339.96	.14	.36	.01	.20	340.04	.02	.91	.87
9	.91	.87	.87	.95	.11	.23	339.98	.14	.00	.00	.94	.87
10	.96	.96	.94	.94	.06	.16	.97	.15	339.99	.02	.94	.86
11	339.97	339.92	339.97	339.93	340.08	340.22	340.00	340.11	339.98	340.25	339.91	339.86
12	.97	.88	.91	.92	.05	341.11	.06	.24	.97	.21	.91	.85
13	.97	.93	.89	.94	.24	340.32	.08	.29	.96	.10	.91	.85
14	.97	.92	.88	.92	.24	.47	.07	.29	.96	.08	.91	.84
15	.95	.98	340.21	.95	.14	.45	.03	.19	.96	.05	.92	.84
16	339.98	340.03	340.36	339.90	340.09	340.27	340.02	340.15	339.95	340.03	339.92	339.84
17	.96	339.99	.17	.88	.22	.20	.02	.12	.95	.02	.91	.85
18	.95	.97	.09	.97	.90	.19	.02	.10	.94	.01	.91	.87
19	.93	.92	.05	340.01	.43	.36	.04	.09	.94	.00	.91	.86
20	.90	340.00	.02	339.99	.29	.24	.03	.08	.94	.00	.91	.86
21	339.84	340.12	339.99	339.96	340.30	340.18	340.00	340.07	339.93	339.99	339.91	339.86
22	.82	.12	.96	.95	.27	.11	339.99	.06	.93	.98	.92	.86
23	.75	.07	.94	.96	.18	.09	.98	.05	.93	.97	.92	.86
24	.75	339.99	.99	340.04	.25	.12	.99	.04	.93	.96	.92	.86
25	.78	.97	.93	.01	.28	.07	.99	.04	.93	.95	.92	.87
26	340.02	340.02	339.90	340.13	340.39	340.25	339.99	340.03	339.94	339.95	339.91	339.87
27	339.93	339.99	.93	.14	.30	.11	340.02	.03	.95	.94	.91	.87
28	.93	340.00	.95	.33	.22	.06	.00	.02	.94	.94	.91	.87
29	.95	339.94	.93	340.40	.18	.07	.02	.02	.94	.93	-	.87
30	340.02	.93	.94	.34	.15	.03	.05	.01	.94	.93	-	.87
31	-	.93	-	.29	.15	-	.03	-	.94	.93	-	.87
Mean	339.97	339.98	339.96	340.02	340.22	340.22	340.02	340.13	339.96	340.00	339.91	339.87
Max.	340.02	340.12	340.36	340.40	340.90	341.11	340.16	340.46	340.04	340.25	339.94	339.91
Min.	339.75	339.87	339.86	339.88	340.05	340.03	339.97	340.01	339.93	339.93	339.91	339.84

WATER YEAR 1974 : Max. 341.11 m. Min. 336.86 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.20	6.28	1.58	2.30	12	16	6.76	19	3.62	2.20	2.00	1.60
2	2.84	3.68	1.94	2.30	7.64	13	7.48	13	3.40	2.20	1.80	1.40
3	2.66	3.44	1.76	2.30	5.60	13	7.12	10	3.40	2.00	1.60	1.40
4	2.48	2.66	1.58	3.92	4.64	11	5.90	9.28	3.40	2.00	1.60	1.40
5	2.30	2.48	1.30	3.92	5.36	10	13	8.56	3.20	2.00	1.60	1.30
6	1.76	2.12	1.10	3.92	6.96	13	8.92	*9.64	3.20	4.06	1.60	1.30
7	1.58	1.76	1.00	3.20	11	14	6.76	24	3.00	3.62	1.60	1.20
8	1.40	1.40	1.00	2.48	6.96	23	6.76	9.00	4.28	3.84	1.60	1.10
9	1.58	1.10	1.10	2.30	5.94	16	5.90	6.96	3.40	3.40	2.20	1.10
10	2.48	2.48	2.12	2.12	4.64	13	5.65	7.30	3.20	3.84	2.20	1.00
11	2.66	1.76	2.66	1.94	5.12	15	6.40	5.94	3.00	11	1.60	1.00
12	2.66	1.20	1.58	1.76	4.40	96	8.56	10	2.80	9.38	1.60	0.90
13	2.66	1.94	1.30	2.12	10	20	9.28	12	2.60	5.60	1.60	0.90
14	2.66	1.76	1.20	1.76	10	30	8.92	12	2.60	5.16	1.60	0.80
15	2.30	2.84	9.38	2.30	6.96	28	7.48	8.66	2.60	4.50	1.80	0.80
16	2.84	3.92	16	1.40	5.36	18	7.12	7.30	2.40	4.06	1.80	0.80
17	2.48	3.02	7.98	1.20	9.76	14	7.12	6.28	2.40	3.84	1.60	0.90
18	2.30	2.66	5.36	2.66	*58	14	7.12	5.60	2.20	3.62	1.60	1.10
19	1.94	1.76	4.40	3.44	26	23	7.84	5.38	2.20	3.40	1.60	1.00
20	1.40	3.20	3.68	3.02	19	16	7.48	5.16	2.20	3.40	1.60	1.00
21	0.80	6.28	3.02	2.48	19	13	6.40	4.94	2.00	3.20	1.60	1.00
22	0.60	6.28	2.48	2.30	18	10	6.15	4.72	2.00	3.00	1.80	1.00
23	0.20	4.88	2.12	2.48	13	9.46	5.90	4.50	2.00	2.80	1.80	1.00
24	0.20	3.02	3.02	4.16	17	11	6.15	4.28	2.00	2.60	1.80	1.00
25	0.32	2.66	1.94	3.44	18	8.92	6.15	4.28	2.00	2.40	1.80	1.10
26	3.68	3.68	1.40	6.62	24	17	6.15	4.06	2.20	2.40	1.60	1.10
27	1.94	3.02	1.94	6.96	19	10	7.12	4.06	2.40	2.20	1.60	1.10
28	1.94	3.20	2.30	14	15	8.56	6.40	3.84	2.20	2.20	1.60	1.10
29	2.30	2.12	1.94	18	13	8.92	7.12	3.84	2.20	2.00	–	1.10
30	3.68	1.94	2.12	15	12	7.48	8.20	3.62	2.20	2.00	–	1.10
31	–	1.94	–	12	12	–	7.48	–	2.20	2.00	–	1.10
Total	61.84	90.48	90.30	137.80	405.34	521.34	224.79	237.20	82.50	109.92	47.80	33.70
Mean	2.06	2.92	3.01	4.44	13.1	17.4	7.25	7.91	2.66	3.54	1.71	1.09
Max.	3.68	6.28	16	18	58	96	13	24	4.28	11	2.00	1.60
Min.	0.20	1.10	1.00	1.20	4.40	7.48	5.65	3.62	2.00	2.00	1.60	0.80
Runoff - mcm.	5.343	7.817	7.802	11.906	35.021	45.044	19.442	20.494	7.128	9.497	4.130	2.912

WATER YEAR 1974 : Max. 96 Min. 0.20 Mean 5.60 Annual Runoff 176.516 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.12	06.00	341.85	229				

PING RIVER BASIN

Khlong Khlung at Ban Pang Wai, Kamphaeng Phet (P.35)

Location: Lat. 16°-04'-22" N., Long. 99°-24'-18" E., at Ban Pang Wai about 1.5 kilometers from Khao Song Phi Nong, Amphoe Khlong khlung, Kamphaeng Phet.

Drainage Area: 730 Sq.km.

Type of Gage: Staff gage

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: Infront of P.35 station office.
Elevation: BM1 = 4.502 m. (A.D.), BM2 = 4.472 m. (A.D.)

Gage Reading Frequency: 14-time daily readings at 06.00-18.00, 21.00 hours on June 1, 1974 - March 31, 1975 and 5-time daily readings at 06.00, 09.00, 12.00, 15.00, 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 and 13 hourly readings.

Period of Available Gage Records: 1974 to date.

Rating Operation:

Period of Rating: 1974 to date.
Rated by Float: -
Rated by Current Meter: 1974 to date.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

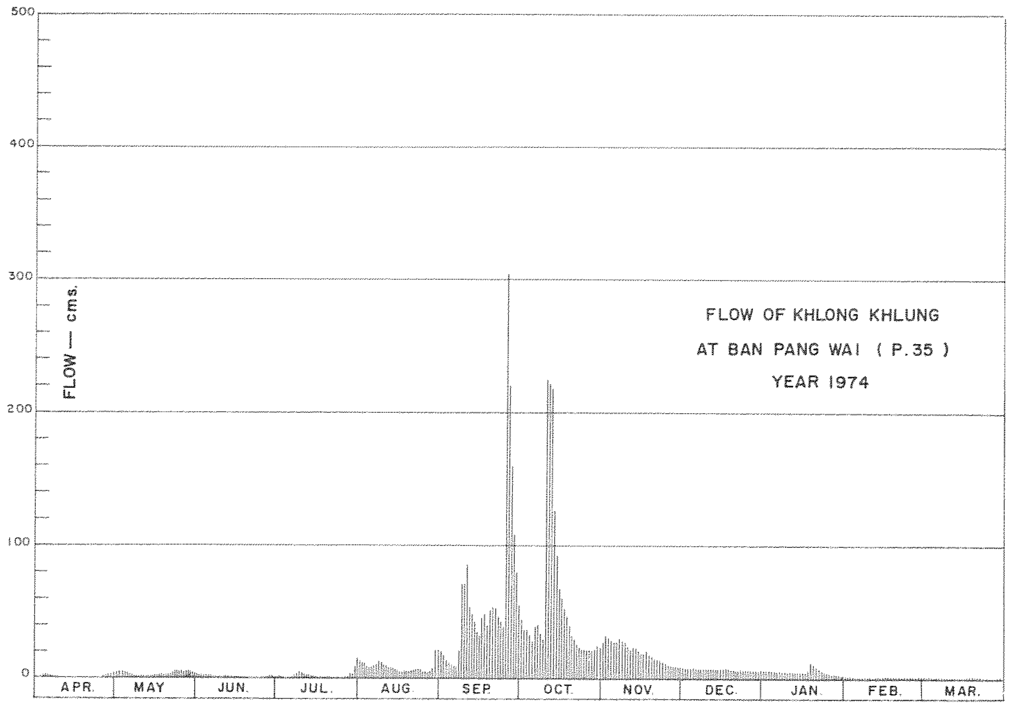
General Description: Records fair. Stage-discharge relation defined by 126 discharge measurements made in 1974.

Remarks: Asterisk (*) designates the discharges determined by shifting.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.27	0.86	0.70	0.45	1.58	1.89	2.78	2.03	0.91	0.57	0.54	0.35
2	.25	.88	.63	.43	.53	.66	.57	.25	.90	.56	.52	.38
3	.36	.87	.62	.41	.38	.48	.42	.19	.89	.55	.50	.40
4	.58	.92	.59	.38	.29	.48	.45	.19	.88	.54	.53	.40
5	.50	.80	.60	.38	.24	.31	.28	.07	.86	.54	.50	.41
6	0.38	0.66	0.55	0.43	1.28	1.23	2.15	2.09	0.86	0.55	0.50	0.40
7	.32	.59	.53	.61	.47	.22	.50	.19	.85	.55	.49	.39
8	.30	.56	.51	.75	.53	.91	.55	.12	.85	.55	.47	.36
9	.31	.50	.49	.83	.51	3.15	.38	.04	.83	.55	.46	.35
10	.32	.60	.49	.78	.41	.14	.21	1.99	.81	.56	.45	.34
11	0.27	0.53	0.51	0.67	1.26	3.36	3.30	1.85	0.80	0.57	0.44	0.33
12	.27	.47	.48	.56	.16	2.86	4.77	.82	.76	.58	.43	.32
13	.31	.54	.48	.52	.16	.77	.73	.92	.75	.60	.43	.32
14	.28	.51	.46	.49	.03	.60	3.85	.80	.74	.63	.43	.33
15	.26	.44	.44	.46	0.93	.30	.31	.60	.73	.63	.40	.31
16	0.29	0.43	0.42	0.43	0.88	2.35	3.09	1.65	0.72	0.62	0.40	0.31
17	.28	.41	.40	.42	.88	.69	.00	.65	.71	.60	.40	.33
18	.27	.40	.39	.41	.94	.71	2.87	.73	.70	.57	.40	.37
19	.25	.39	.38	.42	.98	.53	.68	.60	.69	1.27	.40	.45
20	.25	.39	.38	.42	1.06	.84	.52	.50	.68	.12	.40	.40
21	0.23	0.58	0.38	0.39	1.07	2.84	2.34	1.43	0.67	0.93	0.38	0.36
22	.21	.70	.38	.37	.04	.69	.13	.35	.66	.83	.38	.35
23	.18	.81	.38	.35	.00	.58	.01	.28	.65	.74	.37	.33
24	.21	.94	.40	.30	0.90	.50	1.97	.21	.64	.70	.36	.33
25	.20	.93	.37	.30	.83	3.31	.95	.15	.63	.68	.36	.32
26	0.28	0.90	0.31	0.35	0.91	5.34	1.93	1.09	0.62	0.66	0.36	0.32
27	.55	.96	.31	.46	.95	4.86	.92	.04	.61	.64	.36	.31
28	.74	.99	.33	.79	.99	3.95	.91	.02	.60	.62	.35	.31
29	.68	.94	.39	.74	1.15	.48	.90	0.96	.60	.60	-	.31
30	.74	.84	.45	.89	.92	.22	2.02	.94	.59	.59	-	.31
31	-	.77	-	1.68	.91	-	1.96	-	.58	.57	-	.33
Mean	0.34	0.68	0.46	0.51	1.13	2.67	2.59	1.66	0.73	0.65	0.43	0.35
Max.	0.74	0.99	0.70	1.68	1.92	5.34	4.77	2.25	0.91	1.27	0.54	0.45
Min.	0.18	0.39	0.31	0.30	0.83	1.22	1.90	0.94	0.58	0.54	0.35	0.31

WATER YEAR 1974 : Max. 5.34 m. Min. 0.18 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.65	4.80	3.20	1.55	14	21	51	*25	*9.41	*6.10	2.04	1.05
2	0.55	5.00	2.64	1.45	13	16	42	*32	*9.41	*5.90	1.92	1.20
3	1.10	4.90	2.56	1.35	11	13	36	*30	*9.54	*5.70	1.80	1.30
4	2.28	5.40	2.34	1.20	9.67	13	37	*30	*9.54	*5.50	1.98	1.30
5	1.80	4.20	2.40	1.20	9.02	9.96	32	*27	*9.54	*5.40	1.80	1.35
6	1.20	2.88	2.10	1.45	9.54	8.89	28	*27	*9.67	*5.40	1.80	1.30
7	0.90	2.34	1.98	2.48	12	8.76	39	*30	*9.67	*5.30	1.75	1.25
8	0.80	2.16	1.86	3.70	13	21	41	*29	*9.80	*5.30	1.65	1.10
9	0.85	1.80	1.75	4.50	13	72	35	*27	*9.67	*5.20	1.60	1.05
10	0.90	2.40	1.75	4.00	11	71	29	*25	*9.54	*5.10	1.55	1.00
11	0.65	1.98	1.86	2.96	9.28	86	82	*22	*9.41	*5.20	1.50	0.95
12	0.65	1.65	1.70	2.16	8.02	55	226	*22	*8.89	*5.20	1.45	0.90
13	0.85	2.04	1.70	1.92	8.02	51	220	*24	*8.89	*5.30	1.45	0.90
14	0.70	1.86	1.60	1.75	6.53	43	127	*22	*8.76	*5.50	1.45	0.95
15	0.60	1.50	1.50	1.60	5.50	32	82	*19	*8.63	*5.50	1.30	0.85
16	0.75	1.45	1.40	1.45	5.00	34	68	*19	*8.63	*5.30	1.30	0.85
17	0.70	1.35	1.30	1.40	5.00	47	62	*19	*8.50	*4.90	1.30	0.95
18	0.65	1.30	1.25	1.35	5.60	48	55	*21	*8.26	*4.60	1.30	1.15
19	0.55	1.25	1.20	1.40	6.00	40	46	*18	*8.14	*13	1.30	1.55
20	0.55	1.25	1.20	1.40	6.86	54	40	*16	*8.02	*11	1.30	1.30
21	0.45	2.28	1.20	1.25	6.97	54	33	*15	*7.90	*8.02	1.20	1.10
22	0.35	3.20	1.20	1.15	6.64	47	27	*14	*7.78	*6.75	1.20	1.05
23	0.18	4.30	1.20	1.05	6.20	42	24	*13	*7.54	*5.70	1.15	0.95
24	0.35	5.60	1.30	0.80	5.20	39	23	*12	*7.42	*5.20	1.10	0.95
25	0.30	5.50	1.15	0.80	4.50	82	22	*11	*7.19	*4.90	1.10	0.90
26	0.70	5.20	0.85	1.05	5.50	304	22	*11	*7.08	*4.60	1.10	0.90
27	2.10	5.80	0.85	1.60	5.70	237	22	*10	*6.86	*4.30	1.10	0.85
28	3.60	6.10	0.95	4.10	6.10	136	21	*10	*6.75	*4.00	1.05	0.85
29	3.04	5.60	1.25	3.60	7.90	95	21	*9.54	*6.64	*3.60	–	0.85
30	3.60	4.60	1.55	5.10	22	76	24	*9.54	*6.42	*3.40	–	0.85
31	–	3.90	–	16	21	–	23	–	*6.20	*3.12	–	0.95
Total	32.35	103.59	48.79	76.77	278.75	1,856.61	1,640	599.08	259.70	173.99	40.54	32.45
Mean	1.08	3.34	1.63	2.48	8.99	61.9	52.9	20.0	8.38	5.61	1.45	1.05
Max.	3.60	6.10	3.20	16	22	304	226	32	9.80	13	2.04	1.55
Min.	0.18	1.25	0.85	0.80	4.50	8.76	21	9.54	6.20	3.12	1.05	0.85
Runoff - mcm.	2.795	8.950	4.215	6.633	24.084	160.411	141.696	51.760	22.438	15.033	3.503	2.804

WATER YEAR 1974 : Max. 304 Min. 0.18 Mean 14.1 Annual Runoff 444.322 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.26	12.00	5.48	325				

WANG RIVER BASIN

Mae Wang River at Kittikhachon II Bridge, Lampang (W.1A)

Location: Lat. 18°-17'-24" N., Long. 99°-29'-55" E., on left bank about 300 meters upstream from Kittikhachon II Bridge, Amphoe Muang, Lampang.

Drainage Area: 3,481 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 227.790 m. (M.S.L.)

Bench Mark: B.M. - W1A

Location: near the top of vertical staff gage.
Elevation: + 234.247 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1966 to date.

Rating Operation:

Period of Rating: 1967 to date.
Rated by Float: -
Rated by Current Meter: 1967 to date.

Stability of Channel Regimes: Fairly stable because of backwater effect, no shifting adjustment but periodic curves are used for flow computation.

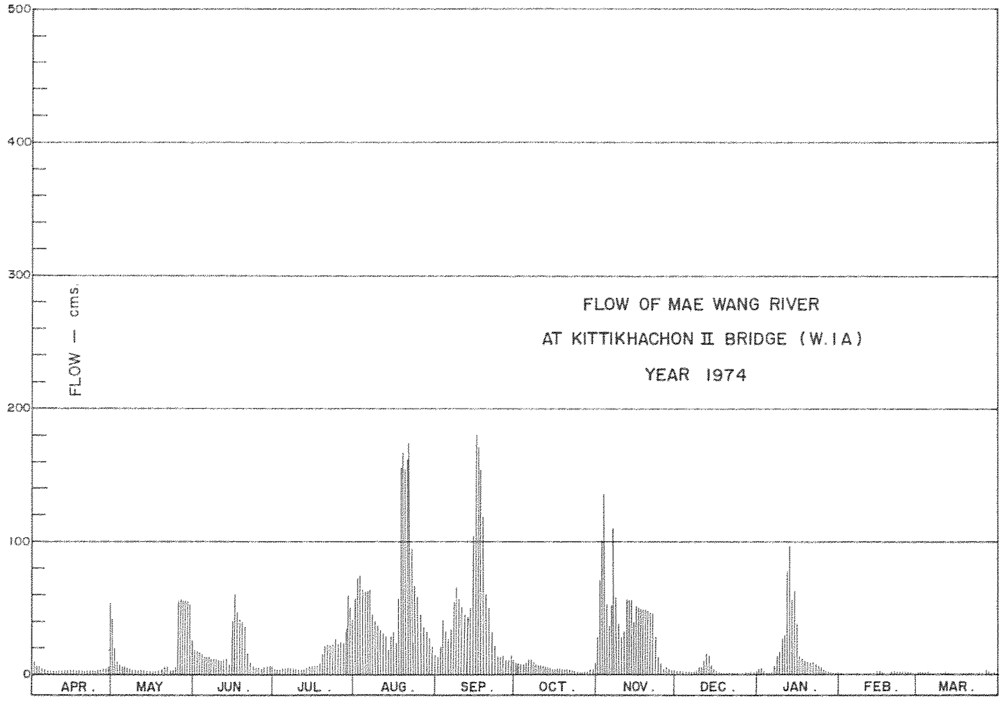
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 156 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	228.36	228.78	228.60	228.26	229.42	228.47	228.47	228.80	228.19	228.23	228.06	228.12
2	.26	.43	.60	.23	.48	.62	.44	229.62	.20	.24	.07	.14
3	.31	.33	.57	.22	.37	229.03	.43	230.12	.18	.18	.05	.10
4	.22	.29	.52	.21	.29	228.97	.41	229.51	.15	.14	.04	.15
5	.18	.25	.50	.23	.33	.78	.45	.01	.13	.12	.01	.14
6	228.16	228.24	228.49	228.25	229.34	228.87	228.57	228.93	228.11	228.12	228.06	228.04
7	.16	.22	.45	.25	.10	229.05	.53	229.86	.12	.36	.04	.02
8	.15	.22	.44	.24	.04	.38	.46	.27	.19	.51	.03	.08
9	.14	.21	.44	.23	228.98	.32	.34	.00	.27	.57	.01	.08
10	.15	.21	.45	.20	.93	.20	.32	228.81	.26	.79	227.99	.06
11	228.17	228.20	228.41	228.19	228.89	229.15	228.30	228.85	228.42	228.85	228.01	228.16
12	.16	.20	.45	.25	.85	.06	.27	229.25	.56	229.54	227.99	.04
13	.15	.19	.47	.28	.58	.04	.24	.24	.56	.75	.99	.00
14	.15	.18	.31	.28	.78	.20	.23	.20	.31	.23	228.09	.01
15	.17	.16	.94	.30	.90	.97	.22	228.96	.21	.32	.18	.03
16	228.17	228.16	229.30	228.30	228.71	230.53	228.24	229.17	228.18	228.54	228.16	228.05
17	.17	.14	.10	.30	229.12	.47	.25	.16	.15	.47	.12	.06
18	.17	.20	.02	.33	230.27	.23	.24	.14	.14	.44	.05	.09
19	.15	.19	228.98	.48	.42	229.70	.26	.13	.14	.42	.03	.10
20	.11	.25	.94	.68	.28	.48	.25	.12	.13	.41	.04	.10
21	228.19	228.28	228.53	228.70	230.48	229.32	228.23	229.12	228.12	228.40	228.20	228.06
22	.15	.20	.36	.68	229.83	.05	.21	.08	.13	.39	.16	.06
23	.17	.14	.32	.70	.42	228.87	.19	228.81	.14	.37	.12	.10
24	.13	.19	.28	.80	.33	.66	.18	.51	.13	.32	.13	.11
25	.14	.62	.26	.72	.18	.58	.15	.41	.13	.24	.14	.11
26	228.11	229.23	228.24	228.75	228.99	228.66	228.14	228.25	228.13	228.21	228.13	228.08
27	.17	.24	.23	.73	.94	.54	.14	.27	.12	.19	.11	.21
28	.15	.23	.27	.80	.90	.50	.18	.23	.12	.16	.11	.15
29	.12	.23	.31	229.27	.79	.66	.23	.23	.12	.12	-	.08
30	229.21	.18	.28	.20	.72	.54	.20	.20	.12	.06	-	.06
31	-	228.72	-	228.96	.53	-	.55	-	.12	.04	-	.07
Mean	228.21	228.43	228.53	228.48	229.23	229.13	228.30	228.97	228.19	228.47	228.07	228.08
Max.	229.21	229.24	229.30	229.27	230.48	230.53	228.57	230.12	228.56	229.75	228.20	228.21
Min.	228.11	228.14	228.23	228.19	228.53	228.50	228.14	228.20	228.11	228.04	227.99	228.00

WATER YEAR 1974 : Max. 230.53 m. Min. 227.99 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	8.80	27	18	5.80	71	13	9.40	28	3.80	4.90	1.60	2.40
2	5.80	11	18	4.90	75	19	8.80	88	4.00	5.20	1.70	2.80
3	7.30	7.90	17	4.60	67	42	8.60	136	3.60	3.60	1.50	2.00
4	4.60	6.70	15	4.30	60	38	8.20	78	3.08	2.80	1.40	3.00
5	3.60	5.50	14	4.90	63	27	9.00	41	2.60	2.40	1.10	2.80
6	3.20	5.20	14	5.50	64	32	12	36	2.20	2.40	1.60	1.40
7	3.20	4.60	12	5.50	47	43	11	110	2.40	8.80	1.40	1.20
8	3.00	4.60	12	5.20	43	67	9.20	59	3.80	14	1.30	1.80
9	2.80	4.30	12	4.90	39	63	7.40	40	6.10	17	1.10	1.80
10	3.00	4.30	12	4.00	36	54	7.20	29	5.80	27	0.90	1.60
11	3.40	4.00	10	3.80	33	50	7.00	31	11	31	1.10	3.20
12	3.20	4.00	12	5.50	31	44	6.10	57	16	81	0.90	1.40
13	3.00	3.80	13	6.40	17	43	5.20	57	16	99	0.90	1.00
14	3.00	3.60	7.30	6.40	27	54	4.90	54	7.30	56	1.90	1.10
15	3.40	3.20	36	7.00	34	121	4.60	38	4.30	63	3.60	1.30
16	3.40	3.20	61	7.00	23	180	5.20	52	3.60	16	3.20	1.50
17	3.40	2.80	47	7.00	48	166	5.50	51	3.00	13	2.40	1.60
18	3.40	4.00	41	7.90	151	135	5.20	50	2.80	12	1.50	1.90
19	3.00	3.80	39	13	167	78	5.80	49	2.80	11	1.30	2.00
20	2.20	5.50	36	22	152	60	5.50	48	2.60	10	1.40	2.00
21	3.80	6.40	15	28	174	48	4.90	48	2.40	10	4.00	1.60
22	3.00	4.00	8.80	22	107	32	4.30	46	2.60	9.70	3.20	1.60
23	3.40	2.80	7.60	23	71	24	3.80	29	2.80	9.10	2.40	2.00
24	2.60	3.80	6.40	28	63	15	3.60	14	2.60	7.60	2.60	2.20
25	2.80	19	5.80	24	53	12	3.00	10	2.60	5.20	2.80	2.20
26	2.20	56	5.20	25	39	15	2.80	5.50	2.60	4.30	2.60	1.80
27	3.40	57	4.90	24	36	11	2.80	6.10	2.40	3.80	2.20	4.30
28	3.00	56	6.10	28	34	10	3.60	4.90	2.40	3.20	2.20	3.00
29	2.40	56	7.30	59	27	15	4.90	4.90	2.40	2.40	–	1.80
30	55	53	6.40	54	24	11	4.00	4.00	2.40	1.60	–	1.60
31	–	24	–	38	15	–	11	–	2.40	1.40	–	1.70
Total	158.30	457.00	519.80	483.60	1,891	1,522	194.50	1,304.40	134.30	538.40	53.80	61.60
Mean	5.28	14.7	17.3	15.6	61.0	50.7	6.27	43.5	4.33	17.4	1.92	1.99
Max.	55	57	61	59	174	180	12	136.	16	99	4.00	4.30
Min.	2.20	2.80	4.90	3.80	15	10	2.80	4.00	2.20	1.40	0.90	1.00
Runoff - mcm.	13.677	39.485	44.911	41.783	163.382	131.501	16.805	112.700	11.603	46.518	4.648	5.322

WATER YEAR 1974 : Max. 180 Min. 0.90 Mean 20.0 Annual Runoff 632.336 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	15.00	230.79	211				

WANG RIVER BASIN

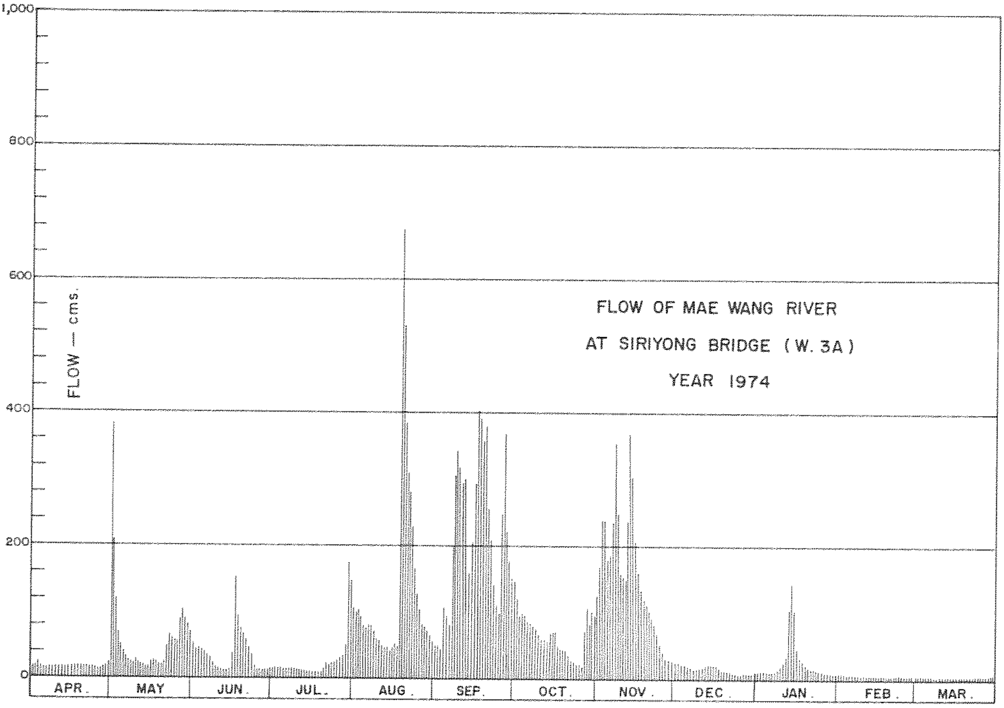
Mae Wang River at Siriyong Bridge, Lampang (W.3A)

Location:	Lat. 17°-38'-29" N., Long. 99°-14'-04" E., on right bank about 30 meters upstream from Siriyong Bridge, Amphoe Thoen, Lampang.
Drainage Area:	8,985 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 6.540 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967 to date.
Rated by Float:	-
Rated by Current Meter:	1967 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 18 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.20	3.21	1.62	1.18	1.94	1.57	2.18	2.04	1.32	1.14	1.09	1.04
2	.24	2.35	.54	.18	.93	.57	.01	.28	.31	.13	.09	.03
3	.33	1.83	.54	.18	.95	.53	1.90	.65	.30	.13	.08	.04
4	.23	.66	.53	.18	.88	.96	.91	.64	.30	.14	.07	.05
5	.20	.55	.50	.18	.76	.92	.89	.33	.27	.14	.07	.06
6	1.20	1.45	1.43	1.17	1.76	1.78	1.81	2.41	1.25	1.14	1.07	1.04
7	.20	.38	.41	.17	.80	2.21	.81	.66	.24	.14	.06	.05
8	.20	.31	.37	.16	.79	.85	.80	3.11	.24	.15	.06	.02
9	.20	.26	.35	.17	.68	3.06	.78	2.57	.23	.24	.06	.03
10	.20	.32	.32	.17	.66	2.92	.70	.25	.22	.28	.05	.04
11	1.20	1.30	1.29	1.17	1.62	2.87	1.65	2.21	1.24	1.33	1.05	1.04
12	.20	.29	.28	.16	.55	.90	.66	.18	.25	.47	.05	.04
13	.20	.25	.28	.12	.53	.43	.63	3.16	.28	.90	.04	.05
14	.20	.21	.28	.12	.52	.24	.61	2.90	.29	2.17	.02	.02
15	.23	.21	.31	.12	.49	.61	.73	.62	.30	1.85	.02	.03
16	1.23	1.28	1.41	1.12	1.60	2.92	1.75	2.30	1.30	1.58	1.02	1.02
17	.23	.34	2.20	.12	.53	3.29	.58	.18	.24	.39	.06	.02
18	.23	.31	1.92	.12	2.36	.23	.54	.08	.21	.30	.09	.03
19	.23	.28	.79	.11	4.13	.10	.53	.02	.20	.25	.06	.01
20	.23	.24	.71	.10	3.39	.20	.52	1.98	.19	.22	.04	.02
21	1.23	1.25	1.64	1.30	2.96	2.76	1.46	1.90	1.19	1.22	1.03	1.03
22	.22	.53	.57	.29	.89	.45	.35	.85	.19	.22	.02	.03
23	.22	.62	.45	.27	.53	.18	.33	.79	.14	.21	.03	.03
24	.21	.61	.27	.29	.22	.01	.29	.69	.13	.20	.08	.03
25	.18	.55	.19	.33	.08	1.91	.27	.58	.12	.18	.06	.03
26	1.18	1.50	1.19	1.39	1.94	2.78	1.24	1.49	1.12	1.16	1.04	1.02
27	.18	.83	.18	.40	.81	3.15	.22	.41	.11	.15	.04	.03
28	.20	.94	.14	.43	.77	2.61	.96	.39	.10	.14	.04	.03
29	.24	.87	.14	.59	.74	.32	.78	.37	.09	.13	-	.04
30	.26	.81	.15	2.31	.68	.19	.94	.35	.09	.13	-	.07
31	-	.75	-	.20	.63	-	.88	-	.10	.10	-	.04
Mean	1.21	1.55	1.43	1.28	2.00	2.48	1.66	2.14	1.21	1.28	1.05	1.03
Max.	1.33	3.21	2.20	2.31	4.13	3.29	2.18	3.16	1.32	2.17	1.09	1.07
Min.	1.18	1.21	1.14	1.10	1.49	1.53	1.22	1.35	1.09	1.10	1.02	1.01

WATER YEAR 1974 : Max. 4.13 m. Min. 1.01 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	16	381	55	15	102	49	146	119	26	12	9.50	7.00
2	19	180	46	15	101	49	114	166	25	12	9.50	6.50
3	26	85	46	15	104	45	96	241	24	12	9.00	7.00
4	18	60	45	15	93	106	98	239	24	12	8.50	7.50
5	16	47	41	15	74	99	94	176	22	12	8.50	8.00
6	16	37	35	14	74	77	82	192	20	12	8.50	7.00
7	16	30	33	14	80	152	82	243	19	12	8.00	7.50
8	16	25	30	14	79	288	80	355	19	13	8.00	6.00
9	16	21	28	14	63	342	77	224	18	19	8.00	6.50
10	16	26	26	14	60	305	66	160	18	22	7.50	7.00
11	16	24	23	14	55	293	59	152	19	26	7.50	7.00
12	16	23	22	14	47	300	60	146	20	39	7.50	7.00
13	16	20	22	11	45	196	56	368	22	96	7.00	7.50
14	16	17	22	11	44	158	53	300	23	144	6.00	6.00
15	18	17	25	11	41	232	70	234	24	88	6.00	6.50
16	18	22	33	11	52	305	73	170	24	50	6.00	6.00
17	18	27	150	11	45	403	50	146	19	31	8.00	6.00
18	18	25	99	11	182	386	46	126	17	24	9.50	6.50
19	18	22	79	11	675	352	45	116	16	20	8.00	5.50
20	18	19	67	10	433	378	44	109	15	18	7.00	6.00
21	18	20	58	24	316	266	38	96	15	18	6.50	6.50
22	18	45	49	23	398	200	28	88	15	18	6.00	6.50
23	18	55	37	22	216	146	26	79	12	17	6.50	6.50
24	17	53	22	23	154	114	23	65	12	16	9.00	6.50
25	15	47	15	26	126	98	22	50	11	15	8.00	6.50
26	15	42	15	31	102	271	19	41	11	14	7.00	6.00
27	15	84	15	32	82	365	18	33	11	13	7.00	6.50
28	16	102	12	35	76	232	106	31	10	12	7.00	6.50
29	19	91	12	51	72	174	77	30	9.50	12	–	7.00
30	21	82	13	172	63	148	102	28	9.50	11	–	8.50
31	–	73	–	150	56	–	93	–	10	10	–	7.00
Total	519	1,802	1,176	849	4,010	6,529	2,043	4,523	540.00	830	214.00	208.00
Mean	17.3	58.1	39.2	27.4	129	218	65.9	151	17.4	26.8	7.64	6.71
Max.	26	381	150	172	675	403	146	368	26	144	9.50	8.50
Min.	15	17	12	10	41	45	18	28	9.50	10	6.00	5.50
Runoff – mcm.	44.842	155.693	101.606	73.354	346.464	564.106	176.515	390.787	46.656	71.712	18.490	17.971

WATER YEAR 1974 : Max. 675 Min. 5.50 Mean 63.7 Annual Runoff 2,008.196 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	17.00	4.30	738				

WANG RIVER BASIN

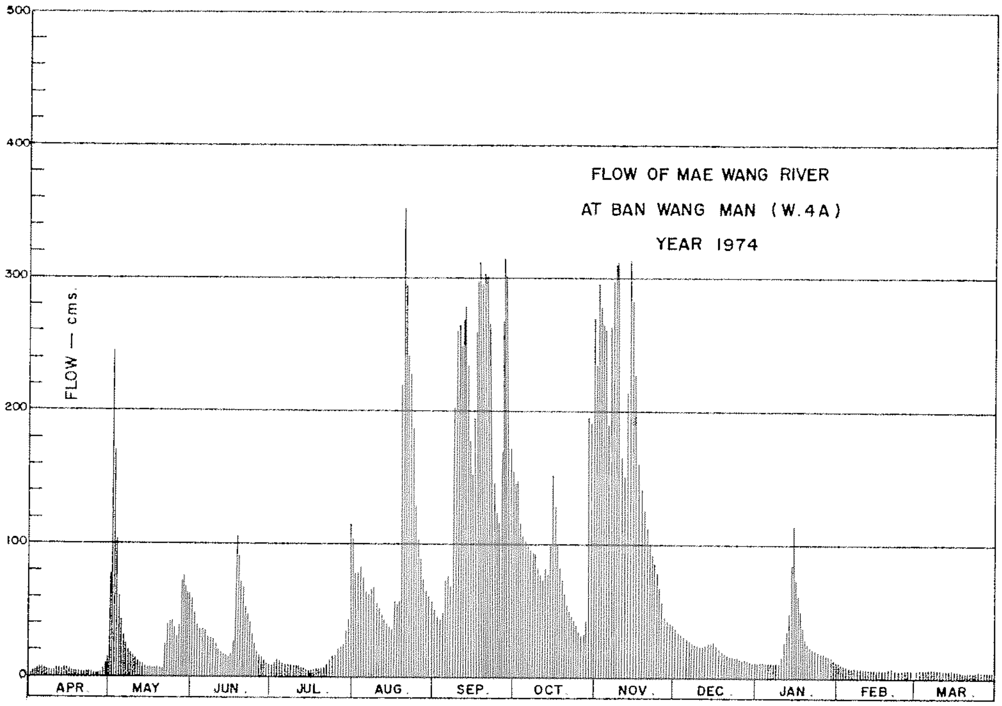
Mae Wang River at Ban Wang Man, Tak (W.4A)

Location:	Lat. 17°-12'-22" N., Long. 99°-06'-08" E., on right bank about 200 meters upstream from Wang Nam Bridge, Amphoe Sam Ngao, Tak.
Drainage Area:	10,507 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 130.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	infront of Wat Wang Man.
Elevation:	+ 136.07 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1971 to date.
Rated by Float:	-
Rated by Current Meter:	1971 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 27 discharge measurements made in 1974. Upstream state diversions for irrigation of about 12,320 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	130.93	132.45	132.50	131.26	133.24	132.36	133.74	134.66	132.04	131.32	131.33	131.13
2	131.02	134.73	.29	.34	132.84	.25	.80	135.12	.00	.30	.29	.14
3	.05	133.60	.03	.38	.85	.18	.48	134.98	131.94	.30	.26	.12
4	.10	132.78	.01	.32	.92	.17	.28	.92	.90	.29	.23	.11
5	.18	.26	.03	.28	.79	.72	.23	.66	.85	.32	.21	.15
6	131.09	131.94	131.97	131.25	132.59	132.84	133.15	134.26	131.82	131.33	131.20	131.18
7	.11	.75	.88	.23	.57	.64	.13	.99	.78	.31	.18	.17
8	.08	.62	.86	.20	.67	133.69	.08	135.12	.75	.30	.17	.15
9	.05	.52	.82	.21	.57	134.85	.07	.22	.72	.30	.17	.17
10	.05	.45	.69	.20	.39	.91	132.88	134.56	.70	.40	.17	.12
11	131.15	131.44	131.59	131.19	132.33	134.77	132.76	134.02	131.71	131.65	131.16	131.09
12	.10	.37	.55	.16	.20	135.00	.76	133.83	.73	.78	.15	.09
13	.09	.29	.51	.15	.16	134.70	.92	134.57	.72	132.03	.14	.09
14	.13	.20	.47	.10	.07	.18	.81	135.23	.74	.79	.13	.09
15	.13	.13	.44	.09	.01	133.84	133.12	134.95	.81	133.36	.12	.11
16	131.09	131.10	131.60	131.09	131.97	134.52	133.82	134.52	131.81	132.80	131.12	131.11
17	.08	.14	.74	.11	132.44	135.12	.44	.01	.71	.39	.10	.07
18	.06	.16	133.26	.14	.38	.22	.05	133.75	.66	.07	.10	.03
19	.04	.15	132.85	.15	134.30	.12	132.81	.55	.57	131.87	.14	.03
20	.03	.13	.61	.15	135.44	.18	.60	.39	.54	.76	.17	.02
21	131.01	131.12	132.43	131.13	135.03	135.15	132.43	133.24	131.51	131.69	131.16	131.01
22	.00	.56	.29	.17	134.73	134.57	.30	.11	.48	.67	.12	.03
23	130.99	.99	.09	.38	.52	.05	.20	.01	.46	.66	.09	.05
24	.97	132.15	131.76	.46	133.93	133.57	.14	132.92	.44	.62	.08	.07
25	.97	.09	.59	.48	.42	.31	.02	.74	.43	.59	.10	.06
26	130.96	131.88	131.50	131.59	133.21	133.79	131.91	132.50	131.41	131.56	131.16	131.05
27	.96	.94	.48	.67	132.95	135.23	.84	.33	.40	.52	.13	.05
28	.97	132.52	.34	.67	.71	.09	132.01	.21	.40	.49	.13	.07
29	131.01	.81	.28	.91	.61	134.52	134.31	.14	.38	.43	-	.09
30	.17	.64	.25	132.04	.54	.02	.25	.09	.34	.39	-	.09
31	-	.55	-	133.38	.46	-	.94	-	.33	.36	-	.10
Mean	131.05	131.92	131.89	131.38	132.99	134.05	133.01	133.89	131.65	131.70	131.16	131.09
Max.	131.18	134.73	133.26	133.38	135.44	135.23	134.94	135.23	132.04	133.36	131.33	131.18
Min.	130.93	131.10	131.25	131.09	131.97	132.17	131.84	132.09	131.33	131.29	131.08	131.01

WATER YEAR 1974 : Max. 135.44 m. Min. 130.93 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.30	56	59	10	105	52	143	234	38	12	12	6.75
2	4.40	243	48	12	78	46	148	295	36	11	11	7.00
3	5.00	132	37	13	78	43	122	275	34	11	10	6.50
4	6.00	74	36	12	83	43	108	267	32	11	9.25	6.25
5	8.00	47	37	10	74	70	104	259	30	12	8.75	7.25
6	5.80	34	35	9.75	63	78	98	190	29	12	8.50	8.00
7	6.25	26	31	9.25	62	66	97	277	27	11	8.00	7.75
8	5.60	21	30	8.50	67	139	94	295	26	11	7.75	7.25
9	5.00	18	29	8.75	63	257	93	311	25	11	7.75	7.75
10	5.00	15	24	8.50	53	265	80	222	24	14	7.75	6.50
11	7.25	15	20	8.25	50	247	73	168	24	22	7.50	5.80
12	6.00	13	18	7.50	44	278	73	151	25	27	7.25	5.80
13	5.80	11	17	7.25	42	239	83	223	25	37	7.00	5.80
14	6.75	8.50	16	6.00	39	182	76	313	26	74	6.75	5.80
15	6.75	6.75	15	5.80	36	152	96	271	28	113	6.50	6.25
16	5.80	6.00	20	5.80	35	217	150	217	28	75	6.50	6.25
17	5.60	7.00	26	6.25	56	295	119	167	24	53	6.00	5.40
18	5.20	7.50	106	7.00	53	311	91	144	22	39	6.00	4.60
19	4.80	7.25	78	7.25	194	295	76	128	19	31	7.00	4.60
20	4.60	6.75	64	7.25	352	305	64	116	18	26	7.75	4.40
21	4.20	6.50	55	6.75	282	300	55	105	17	24	7.50	4.20
22	4.00	19	48	7.75	243	223	49	96	16	23	6.50	4.60
23	3.90	36	40	13	217	170	44	89	16	22	5.80	5.00
24	3.70	41	26	16	160	130	42	83	15	21	5.60	5.40
25	3.70	40	20	16	118	110	37	71	15	20	6.00	5.20
26	3.60	31	17	20	103	148	32	57	14	19	7.50	5.00
27	3.60	34	16	23	85	313	30	50	14	18	6.75	5.00
28	3.70	60	12	23	70	291	36	44	14	17	6.75	5.40
29	4.20	76	10	32	64	217	195	42	13	15	–	5.80
30	7.75	66	9.75	38	61	168	189	40	12	14	–	5.80
31	–	61	–	115	57	–	270	–	12	13	–	6.00
Total	155.25	1,226.25	999.75	480.60	3,087	5,650	2,967	5,202	698	819	211.40	183.10
Mean	5.17	39.5	33.3	15.5	99.6	188	95.7	173	22.5	26.4	7.55	5.91
Max.	8.00	243	106	115	352	313	270	313	38	113	12	8.00
Min.	3.30	6.00	9.75	5.80	35	43	30	40	12	11	5.60	4.20
Runoff - mcm.	13.414	105.948	86.378	41.524	266.717	488.160	256.349	449.453	60.307	70.762	18.265	15.820

WATER YEAR 1974 : Max. 352 Min. 3.30 Mean 59.4 Annual Runoff 1,873.096 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	24.00	135.48	360				

WANG RIVER BASIN

Mae Wang River at Kokha Bridge, Lampang (W.5A)

Location: Lat. 18°-11'-21" N., Long. 99°-24'-04" E., on left bank at abutment of Ko Kha Bridge at Ban Ko Kha, Amphoe Ko Kha, Lampang.

Drainage Area: 5,278 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 215.700 m. (M.S.L.)

Bench Mark: B.M. - H.S./RID

Location: in the vicinity of the gage observer's house.
Elevation: + 219.805 m. (M.S.L.)

Gage Reading Frequency: 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: 1963-1974.

Rating Operation:

Period of Rating: 1967-1974.
Rated by Float: -
Rated by Current Meter: 1967-1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

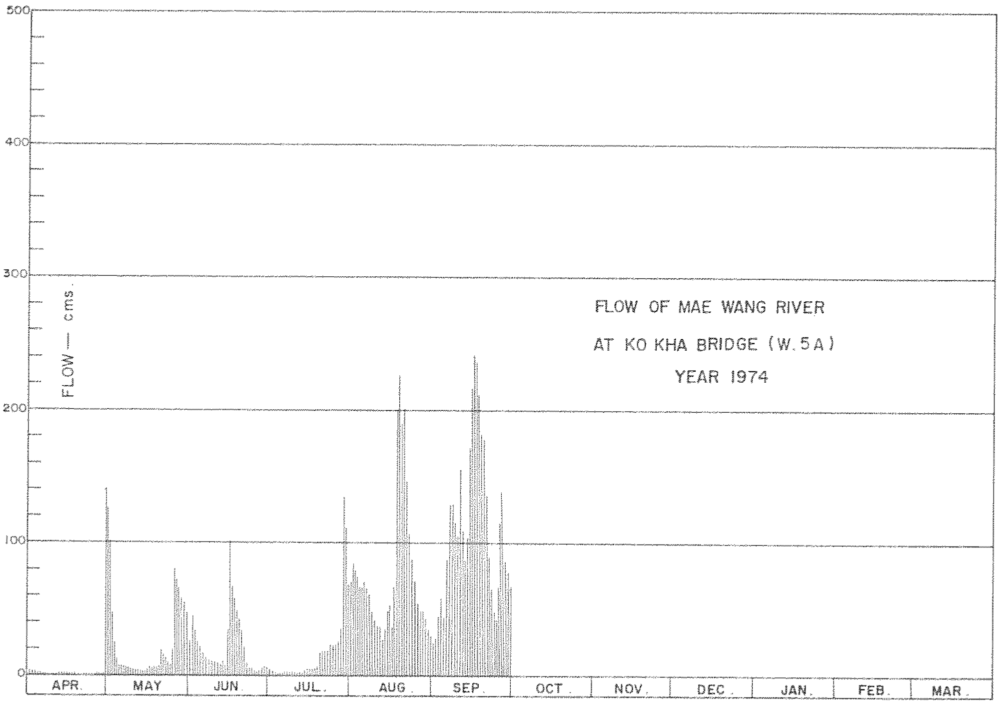
General Description: Records good. Stage-discharge relation defined by 11 discharge measurements made in 1974.

Remarks: Ending record on October 1, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	216.21	217.59	216.61	216.22	217.22	216.60						
2	.17	216.97	.89	.19	.31	.67						
3	.19	.60	.67	.17	.24	.96						
4	.17	.43	.61	.14	.13	217.06						
5	.14	.27	.51	.10	.12	216.85						
6	216.09	216.31	216.46	216.19	217.17	217.28						
7	.08	.28	.40	.16	.09	.69						
8	.06	.25	.39	.19	216.95	.70						
9	.03	.25	.37	.17	.92	.62						
10	.02	.22	.37	.13	.86	.49						
11	216.07	216.22	216.34	216.09	216.80	217.91						
12	.09	.19	.33	.10	.77	.47						
13	.07	.17	.36	.18	.64	.32						
14	.05	.15	.29	.21	.84	.51						
15	.07	.13	.49	.25	.99	218.28						
16	216.06	216.18	217.46	216.26	216.75	218.52						
17	.05	.15	.13	.22	217.25	.48						
18	.03	.18	216.99	.26	218.19	.35						
19	.05	.14	.90	.29	.43	.09						
20	215.99	.28	.84	.50	.16	.07						
21	216.05	216.51	216.64	216.53	218.24	217.66						
22	.01	.46	.40	.52	217.78	.34						
23	.06	.32	.21	.52	.42	.11						
24	.05	.26	.25	.62	.30	216.98						
25	.02	.46	.22	.58	.14	.84						
26	216.01	217.26	216.17	216.60	216.98	217.76						
27	.13	.16	.16	.63	.93	.67						
28	.10	.05	.22	.81	.93	.30						
29	.09	.01	.29	217.73	.84	.24						
30	217.79	.00	.26	.50	.75	.04						
31	-	216.73	-	.12	.66	-						
Mean	216.13	216.49	216.51	216.42	217.19	217.49						
Max.	217.79	217.59	217.46	217.73	218.43	218.52						
Min.	215.99	216.13	216.16	216.09	216.64	216.60						

WATER YEAR 1974 : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.85	116	24	4.20	75	23						
2	2.90	51	44	3.30	84	28						
3	3.30	23	28	2.90	77	50						
4	2.90	13	24	2.30	66	59						
5	2.30	5.95	18	1.50	65	41						
6	1.35	7.50	15	3.30	70	81						
7	1.20	6.30	12	2.70	62	128						
8	0.90	5.25	11	3.30	49	129						
9	0.45	5.25	10	2.90	47	119						
10	0.30	4.20	10	2.10	42	104						
11	1.05	4.20	9.00	1.35	37	155						
12	1.35	3.30	8.50	1.50	35	102						
13	1.05	2.90	10	3.10	26	85						
14	0.75	2.50	6.65	3.85	40	106						
15	1.05	2.10	16	5.25	53	205						
16	0.90	3.10	101	5.60	33	240						
17	0.75	2.50	66	4.20	78	234						
18	0.45	3.10	53	5.60	193	215						
19	0.75	2.30	45	6.65	226	179						
20	0.00	6.30	40	17	188	176						
21	0.75	18	26	19	200	124						
22	0.15	15	12	18	139	87						
23	0.90	8.00	3.85	18	96	64						
24	0.75	5.60	5.25	24	83	52						
25	0.30	15	4.20	22	67	40						
26	0.15	79	2.90	23	52	136						
27	2.10	69	2.70	25	48	125						
28	1.50	58	4.20	38	48	83						
29	1.35	55	6.65	133	40	77						
30	140	54	5.60	105	33	58						
31	–	32	–	65	27	–						
Total	175.50	678.35	624.50	572.60	2,379	3,305						
Mean	5.85	21.9	20.8	18.5	76.7	110						
Max.	140	116	101	133	226	240						
Min.	0.00	2.10	2.70	1.35	26	23						
Runoff – mcm.	15.163	58.609	53.957	49.473	205.546	285.552						

WATER YEAR : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge

WANG RIVER BASIN

Mae Wang River at Tail of Kiu Lom Dam, Lampang (W.10A)

Location: Lat. 18°-31'-16" N., Long. 99°-37'-52" E., on left bank about 800 meters downstream from Kiu Lom Damsite, Amphoe Chae Hom, Lampang.

Drainage Area: 2,798 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 258.961 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on right side of automatic gage building.
Elevation: + 265.638 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1966 to date.

Rating Operation:

Period of Rating: 1967 to date.
Rated by Float: -
Rated by Current Meter: 1967 to date.

Stability of Channel Regimes: Rather unstable with variable water surface slope, no shifting adjustment for flow computation.

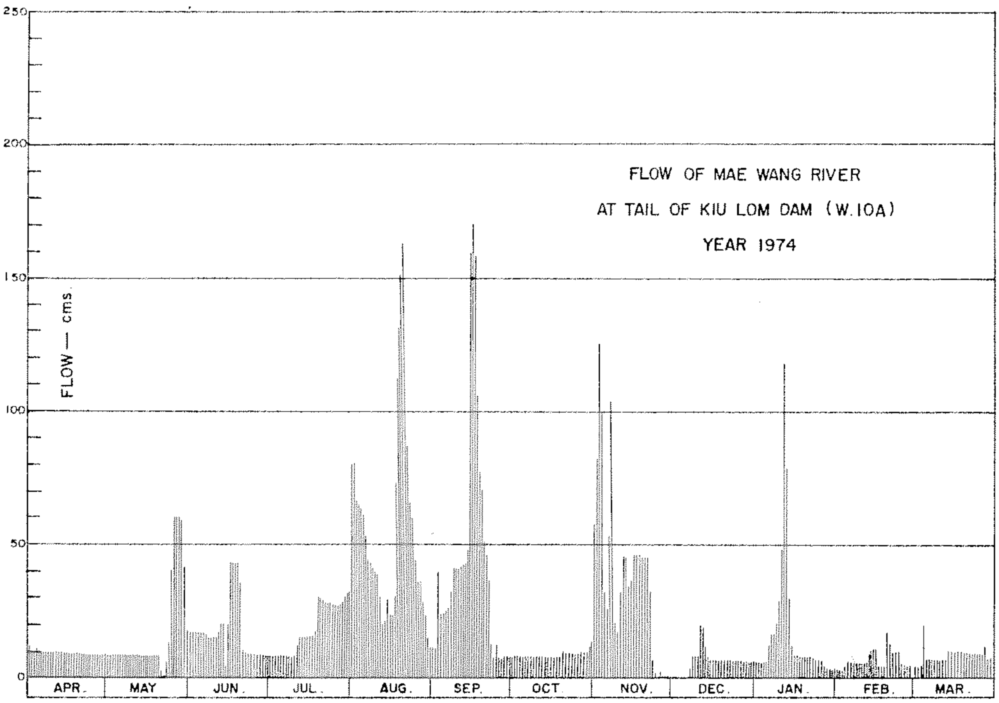
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 13 discharge measurements made in 1974. Flow is under construction of Kiu Lom Dam.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	259.18	259.11	259.29	259.10	260.14	259.17	259.10	259.80	258.81	259.06	258.97	259.01
2	.15	.11	.29	.10	.15	.17	.10	260.16	.81	.05	.97	.01
3	.14	.11	.29	.10	259.98	.63	.10	.63	.80	.05	.95	.02
4	.16	.11	.29	.10	.95	.40	.10	.27	.79	.05	259.01	.31
5	.13	.11	.29	.10	.93	.40	.10	259.53	.82	.05	.06	.07
6	259.13	259.11	259.28	259.10	259.85	259.41	259.10	259.42	258.82	259.18	259.05	259.07
7	.13	.11	.25	.09	.70	.43	.10	260.39	.98	.26	.05	.07
8	.13	.11	.25	.09	.68	.52	.10	259.43	259.10	.26	.05	.07
9	.13	.11	.25	.09	.66	.66	.10	.33	.10	.34	.05	.07
10	.13	.11	.25	.09	.63	.66	.10	.26	.10	.46	.05	.06
11	259.13	259.11	259.25	259.19	259.61	259.66	259.10	259.53	259.33	259.68	259.05	259.06
12	.13	.11	.34	.25	.42	.67	.10	.71	.32	260.55	.05	.05
13	.13	.11	.34	.25	.28	.67	.09	.71	.19	.12	.12	.15
14	.13	.10	258.99	.25	.48	.74	.09	.55	.07	259.49	.16	.15
15	.12	.10	259.31	.25	.44	260.97	.09	.60	.07	.19	.16	.14
16	259.12	259.10	259.68	259.24	259.35	261.07	259.09	259.72	259.07	259.10	259.16	259.14
17	.12	.10	.69	.24	.50	260.96	.09	.72	.07	.11	258.98	.14
18	.12	.10	.69	.29	260.49	.43	.09	.72	.07	.10	259.02	.14
19	.12	.10	.69	.50	.89	.03	.09	.71	.07	.10	.00	.13
20	.12	.10	.57	.49	261.01	259.87	.13	.71	.07	.10	.28	.13
21	259.11	258.90	259.13	259.48	260.91	259.72	259.13	259.70	259.07	259.10	259.21	259.13
22	.11	.80	.12	.47	.21	.54	.13	.53	.07	.10	.15	.12
23	.11	259.04	.12	.47	259.97	.19	.12	.04	.07	.08	.15	.12
24	.11	.21	.11	.46	.90	.08	.12	258.82	.07	.07	.14	.12
25	.11	.65	.11	.45	.70	.18	.12	.81	.07	.07	.03	.12
26	259.11	259.90	259.11	259.45	259.59	259.08	259.12	258.92	259.07	259.07	259.03	259.11
27	.11	.90	.11	.45	.59	.07	.13	.83	.06	.02	.02	.19
28	.11	.90	.11	.46	.47	.10	.13	.83	.06	258.98	.02	.08
29	.11	.88	.11	.50	.38	.10	.13	.82	.06	.98	-	.08
30	.11	.52	.10	.52	.25	.10	.36	.82	.06	.97	-	.08
31	-	.29	-	.52	.17	-	.34	-	.06	.97	-	.08
Mean	259.12	259.23	259.28	259.29	259.81	259.62	259.12	259.50	259.04	259.22	259.07	259.10
Max.	259.18	259.90	259.69	259.52	261.01	261.07	259.36	260.63	259.33	260.55	259.28	259.31
Min.	259.11	258.80	259.10	259.09	259.17	259.08	259.09	258.81	258.79	258.97	258.95	259.01

WATER YEAR 1974 : Max. 261.07 m. Min. 258.79 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	12	8.50	17	8.00	80	11	8.00	52	0.18	6.40	3.34	4.40
2	10	8.50	17	8.00	81	11	8.00	82	0.18	6.00	3.34	4.40
3	10	8.50	17	8.00	66	39	8.00	125	0.00	6.00	2.90	4.80
4	11	8.50	17	8.00	64	24	8.00	92	0.00	6.00	4.40	19
5	9.50	8.50	17	8.00	62	24	8.00	32	0.36	6.00	6.40	6.80
6	9.50	8.50	17	8.00	56	25	8.00	25	0.36	12	6.00	6.80
7	9.50	8.50	15	7.60	44	26	8.00	103	3.56	16	6.00	6.80
8	9.50	8.50	15	7.60	43	32	8.00	26	8.00	16	6.00	6.80
9	9.50	8.50	15	7.60	41	41	8.00	20	8.00	20	6.00	6.80
10	9.50	8.50	15	7.60	39	41	8.00	16	8.00	28	6.00	6.40
11	9.50	8.50	15	12	38	41	8.00	32	20	43	6.00	6.40
12	9.50	8.50	20	15	25	42	8.00	45	19	48	6.00	6.00
13	9.50	8.50	20	15	17	42	7.60	45	12	78	9.00	10
14	9.50	8.00	3.78	15	29	47	7.60	34	6.80	30	11	10
15	9.00	8.00	19	15	27	159	7.60	37	6.80	12	11	10
16	9.00	8.00	43	15	21	170	7.60	46	6.80	8.00	11	10
17	9.00	8.00	43	15	30	158	7.60	46	6.80	8.50	3.56	10
18	9.00	8.00	43	17	112	106	7.60	46	6.80	8.00	4.80	10
19	9.00	8.00	43	30	151	70	7.60	45	6.80	8.00	4.00	9.50
20	9.00	8.00	35	30	163	58	9.50	45	6.80	8.00	17	9.50
21	8.50	1.80	9.50	29	153	46	9.50	44	6.80	8.00	13	9.50
22	8.50	0.00	9.00	28	86	33	9.50	32	6.80	8.00	10	9.00
23	8.50	5.60	9.00	28	66	12	9.00	5.60	6.80	7.20	10	9.00
24	8.50	13	8.50	28	60	7.20	9.00	0.36	6.80	6.80	10	9.00
25	8.50	40	8.50	27	44	12	9.00	0.18	6.80	6.80	5.20	9.00
26	8.50	60	8.50	27	36	7.20	9.00	2.24	6.80	6.80	5.20	8.50
27	8.50	60	8.50	27	36	6.80	9.50	0.54	6.40	4.80	4.80	12
28	8.50	60	8.50	28	28	8.00	9.50	0.54	6.40	3.56	4.80	7.20
29	8.50	58	8.50	30	23	8.00	9.50	0.36	6.40	3.56	–	7.20
30	8.50	32	8.00	32	15	8.00	22	0.36	6.40	3.34	–	7.20
31	–	17	–	32	11	–	20	–	6.40	3.34	–	7.20
Total	277.00	513.90	533.28	573.40	1,747	1,315.20	284.20	1,080.18	200.04	506.10	196.74	259.20
Mean	9.23	16.6	17.8	18.5	563	43.8	9.17	36.0	6.45	16.3	7.03	8.36
Max.	12	60	43	32	163	170	22	125	20	118	17	19
Min.	8.50	0.00	8.00	7.60	11	7.20	7.60	0.18	0.00	3.34	2.90	4.40
Runoff – mcm.	23.933	44.401	46.075	49.542	150.941	113.633	24.555	93.327	17.283	43.727	16.998	22.395

WATER YEAR 1974 : Max. 170 Min. 0.00 Mean 20.5 Annual Runoff 646.811 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 16	01.00	261.19	182				

WANG RIVER BASIN

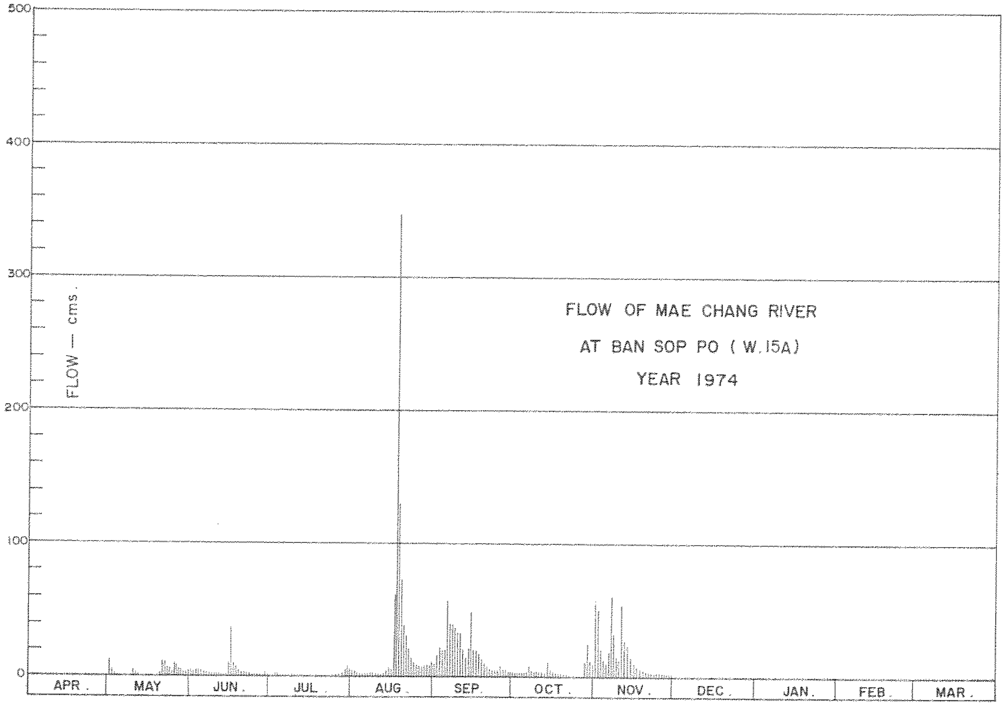
Mae Chang River at Ban Sop Po, Lampang (W. 15A)

Location:	Lat. 18°-08'-10" N., Long. 99°-34'-55" E., on right bank about 1.5 kilometers upstream from Ban Sop Po, Amphoe Mae Tha, Lampang.
Drainage Area:	1,119 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 240.120 m. (M.S.L.)
Bench Mark:	BM - H.S.
Location:	infront of the camp of station W15
Elevation:	+ 251.680 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1972 to date.
Rating Operation:	
Period of Rating:	1972-1974.
Rated by Float:	-
Rated by Current Meter:	1972-1974.
Stability of Channel Regimes:	Fairly stable because of backwater effect, no shifting adjustment but periodic curves are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 204 discharge measurements made in 1974.
Remarks:	* Hourly for period August 16-19, 1974. Period of records August 1 - November 2 used gage height at staff gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	240.82	241.83	241.25	240.94	241.31	241.71	241.20	242.97	240.96	240.72	240.69	240.62
2	.82	.29	.15	.95	.30	.98	.13	.83	.95	.72	.68	.62
3	.87	.13	.35	241.05	.14	242.17	.17	.13	.94	.72	.68	.62
4	.97	.06	.32	240.96	.06	.09	.14	241.86	.93	.73	.68	.62
5	.94	.01	.17	.93	.02	.09	.18	.61	.91	.74	.67	.62
6	240.93	240.99	241.14	240.94	241.02	242.96	241.25	241.98	240.90	240.75	240.67	240.62
7	.93	.97	.07	.98	.08	243.34	.54	243.02	.90	.75	.66	.61
8	.91	.96	.02	.95	.12	.33	.35	242.42	.89	.77	.66	.60
9	.88	241.00	.01	.92	.09	242.55	.26	241.93	.84	.78	.65	.61
10	.91	.26	.00	.89	.05	.40	.33	.76	.84	.78	.64	.60
11	240.93	241.12	240.97	240.89	241.01	242.47	241.23	241.92	240.83	240.81	240.63	240.60
12	.91	.02	.94	.88	.00	.09	.15	242.28	.82	.90	.60	.59
13	.87	240.99	.93	.87	.03	241.19	.15	.19	.81	.92	.64	.59
14	.87	.96	.91	.86	.31	242.15	.70	241.94	.80	.90	.63	.59
15	.85	.94	241.69	.84	.48	.83	.37	.70	.79	.87	.61	.59
16	240.86	240.99	242.51	240.85	241.29	242.11	241.23	241.56	240.78	240.86	240.62	240.59
17	.93	.97	241.68	.84	243.04	.09	.17	.48	.78	.81	.63	.59
18	.96	.93	.52	.85	246.26	.02	.09	.38	.78	.78	.63	.60
19	.95	.92	.28	.84	244.02	241.78	.07	.31	.78	.76	.63	.60
20	.89	241.18	.15	.83	242.66	.65	.08	.23	.77	.76	.63	.60
21	240.85	241.69	241.11	240.82	242.52	241.56	241.03	241.17	240.76	240.77	240.62	240.59
22	.84	.74	.08	.82	.28	.43	240.99	.14	.75	.75	.62	.59
23	.83	.34	.05	.82	241.92	.35	.96	.12	.75	.74	.61	.59
24	.82	.43	.02	.84	.76	.30	.93	.11	.75	.72	.60	.59
25	.83	.14	240.99	.99	.62	.31	.91	.11	.74	.73	.60	.59
26	240.82	241.66	240.96	241.02	241.58	241.58	240.95	241.07	240.74	240.72	240.60	240.59
27	.82	.35	.92	240.96	.57	.32	.93	.06	.74	.72	.60	.59
28	.81	.29	.91	241.19	.54	.32	241.70	.04	.74	.71	.60	.59
29	.81	.18	241.10	.31	.57	.28	242.24	.01	.73	.70	-	.59
30	242.91	.13	240.97	.58	.45	.25	241.76	240.96	.72	.70	-	.59
31	-	.29	-	.40	.80	-	.60	-	.72	.70	-	.59
Mean	240.94	241.19	241.17	240.96	241.74	241.95	241.25	241.68	240.81	240.77	240.63	240.60
Max.	242.91	241.83	242.51	241.58	246.26	243.34	242.24	242.97	240.96	240.92	240.69	240.62
Min.	240.81	240.92	240.91	240.82	241.00	241.19	240.91	240.96	240.72	240.76	240.60	240.59

WATER YEAR 1974 : Max. 246.26 m. Min. 240.59 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.10	13	4.50	1.40	5.13	11	4.00	58	1.99	0.55	0.41	0.15
2	0.10	4.90	3.50	1.50	5.00	16	3.30	50	1.92	0.55	0.38	0.15
3	0.26	2.46	5.65	2.50	3.40	22	3.70	21	1.85	0.55	0.38	0.15
4	0.82	1.62	5.26	1.60	2.60	20	3.40	13	1.78	0.60	0.38	0.15
5	0.62	1.12	3.70	1.30	2.20	20	3.80	9.36	1.63	0.65	0.34	0.15
6	0.56	0.95	3.40	1.40	2.20	57	4.50	16	1.56	0.70	0.34	0.15
7	0.56	0.82	2.70	1.80	2.80	81	8.24	61	1.56	0.70	0.30	0.12
8	0.43	0.76	2.20	1.50	3.20	80	5.65	31	1.50	0.81	0.30	0.08
9	0.30	1.02	2.10	1.20	2.90	37	4.60	15	1.20	0.86	0.26	0.12
10	0.43	4.60	2.00	0.95	2.50	31	5.39	12	1.20	0.86	0.23	0.08
11	0.56	2.32	1.70	0.95	2.10	34	4.30	55	1.14	1.02	0.19	0.08
12	0.43	1.22	1.40	0.90	2.00	20	3.50	26	1.08	1.56	0.08	0.06
13	0.26	0.95	1.30	0.85	2.30	14	3.50	23	1.02	1.70	0.23	0.06
14	0.26	0.76	1.10	0.80	5.13	22	11	15	0.96	1.56	0.19	0.06
15	0.20	0.62	10	0.70	7.34	50	5.91	11	0.91	1.38	0.12	0.06
16	0.23	0.95	35	0.75	*4.90	20	4.30	8.56	0.86	1.32	0.15	0.06
17	0.56	0.82	10	0.70	*62	20	3.70	7.34	0.86	1.02	0.19	0.06
18	0.76	0.56	7.92	0.75	*347	17	2.90	6.04	0.86	0.86	0.19	0.08
19	0.69	0.49	4.80	0.70	*130	12	2.70	5.13	0.86	0.76	0.19	0.08
20	0.32	3.20	3.50	0.65	42	10	2.80	4.30	0.81	0.76	0.19	0.08
21	0.20	11	3.10	0.60	36	8.56	2.30	3.73	0.76	0.81	0.15	0.06
22	0.17	11	2.80	0.60	26	6.69	1.90	3.46	0.70	0.70	0.15	0.06
23	0.14	5.52	2.50	0.60	15	5.65	1.60	3.28	0.70	0.65	0.12	0.06
24	0.10	6.69	2.20	0.70	12	5.00	1.30	3.19	0.70	0.55	0.08	0.06
25	0.14	3.40	1.90	1.90	9.52	5.13	1.10	3.19	0.65	0.60	0.08	0.06
26	0.10	10	1.60	2.20	8.88	8.88	1.50	2.85	0.65	0.55	0.08	0.06
27	0.10	5.65	1.20	1.60	8.72	5.26	1.30	2.77	0.65	0.55	0.08	0.06
28	0.07	4.90	1.10	3.90	8.24	5.26	11	2.61	0.65	0.50	0.08	0.06
29	0.07	3.80	3.00	5.13	8.72	4.80	25	2.36	0.60	0.45	–	0.06
30	54	3.30	1.70	8.88	6.95	4.50	12	1.99	0.55	0.45	–	0.06
31	–	4.90	–	6.30	12	–	9.20	–	0.55	0.45	–	0.06
Total	63.55	113.30	132.83	55.31	788.73	653.73	159.39	477.76	32.71	25.03	5.86	2.64
Mean	2.12	3.65	4.43	1.78	25.4	21.4	5.14	15.9	1.05	0.81	0.21	0.08
Max.	54	13	35	8.88	347	81	25	58	1.99	1.70	0.41	0.15
Min.	0.07	0.49	1.10	0.60	2.00	3.90	1.10	1.99	0.55	0.45	0.08	0.06
Runoff – mcm.	5.491	9.789	11.476	4.779	68.146	55.610	13.771	41.278	2.826	2.162	0.506	0.228

WATER YEAR 1974 : Max. 347 Min. 0.06 Mean 6.88 Annual Runoff 216.936 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	20.00	246.62	394				

WANG RIVER BASIN

Mae Wang River at Ban Hai, Lampang (W.16)

Location: Lat. 18°-48'-12" N., Long. 98°-38'-45" E., on right bank at Ban Hai, Amphoe Chae Hom, Lampang.

Drainage Area: 1,284 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near the automatic gage building.
Elevation: + 7.676 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1971 to date.

Rating Operation:

Period of Rating: 1971 to date.
Rated by Float: -
Rated by Current Meter: 1971 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

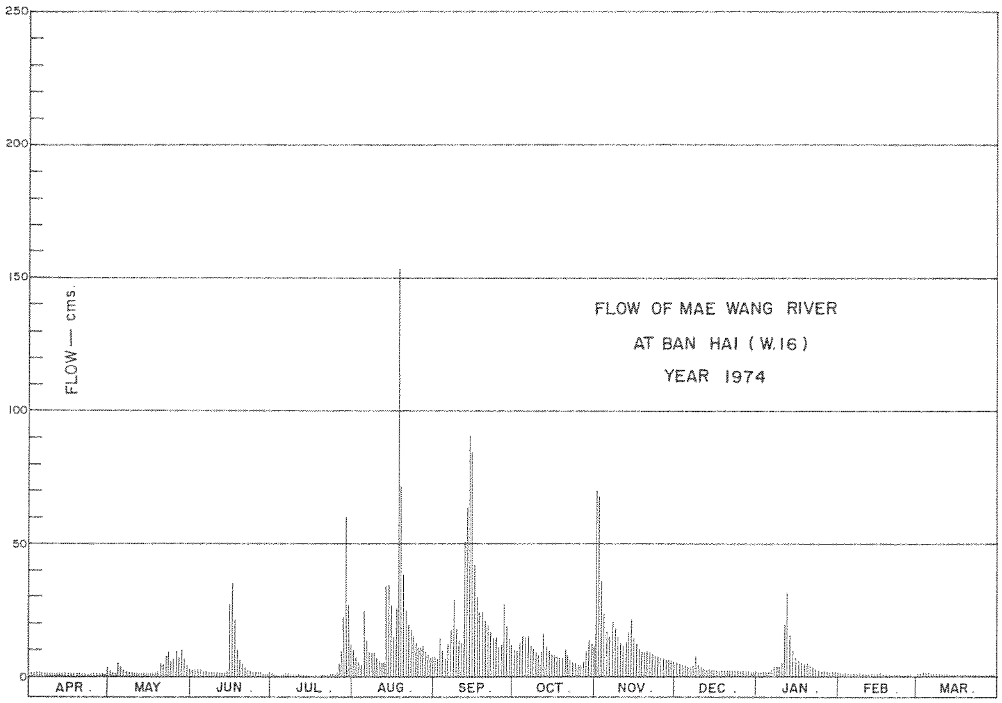
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 286 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.48	0.62	0.67	0.46	0.98	0.94	1.06	2.39	0.84	0.63	0.60	0.50
2	.47	.52	.68	.44	.86	.88	.04	.36	.82	.62	.59	.54
3	.52	.48	.64	.42	.76	1.23	.18	1.78	.81	.62	.59	.61
4	.51	.84	.64	.41	.77	0.93	.26	.48	.79	.62	.58	.57
5	.48	.68	.60	.41	1.52	.90	.23	.31	.76	.62	.58	.54
6	0.47	0.67	0.56	0.45	1.20	1.11	1.27	1.24	0.75	0.69	0.57	0.53
7	.46	.59	.53	.46	.00	.31	.14	.43	.77	.75	.57	.53
8	.45	.55	.51	.42	.00	.62	.08	.37	.96	.76	.55	.52
9	.45	.53	.55	.41	0.95	.32	.02	.22	.82	.76	.55	.51
10	.45	.51	.51	.40	.88	.18	0.97	.15	.78	.81	.55	.50
11	0.47	0.51	0.49	0.44	0.83	1.17	1.06	1.12	0.74	1.40	0.54	0.49
12	.45	.50	.47	.41	.80	2.07	.29	.15	.72	.70	.54	.49
13	.50	.54	.48	.41	1.75	.29	.14	.31	.71	.27	.53	.48
14	.47	.48	.54	.39	.77	.68	.04	.44	.71	.06	.53	.47
15	.47	.47	1.58	.41	.57	.60	0.99	.25	.70	0.96	.53	.47
16	0.51	0.52	1.77	0.38	1.23	1.91	0.95	1.15	0.69	0.89	0.53	0.46
17	.48	.51	.26	.38	.52	.66	.93	.09	.68	.85	.52	.46
18	.47	.52	0.99	.37	3.39	.49	.91	.06	.68	.82	.52	.46
19	.47	.54	.83	.38	2.40	.52	.91	.04	.67	.81	.52	.46
20	.45	.80	.76	.38	1.83	.42	1.09	.04	.66	.80	.52	.46
21	0.45	0.76	0.69	0.38	1.52	1.40	0.96	1.01	0.66	0.78	0.52	0.46
22	.44	.95	.64	.38	.37	.27	.89	0.98	.66	.75	.52	.46
23	.44	1.02	.61	.51	.33	.24	.84	.97	.66	.72	.51	.46
24	.44	0.78	.58	.46	.22	.25	.81	.94	.66	.69	.51	.45
25	.44	.89	.55	.45	.07	.10	.79	.92	.66	.69	.51	.45
26	0.46	1.02	0.50	0.74	1.08	1.12	0.77	0.91	0.66	0.67	0.51	0.45
27	.45	0.88	.46	1.06	.13	.61	.85	.89	.65	.65	.50	.46
28	.46	1.04	.44	.45	.01	.37	1.02	.88	.65	.63	.50	.46
29	.46	0.87	.44	2.22	0.96	.24	.19	.85	.64	.62	-	.46
30	.71	.76	.49	1.49	.91	.12	.17	.84	.63	.62	-	.45
31	-	.67	-	.14	.92	-	.07	-	.63	.61	-	.45
Mean	0.47	0.68	0.68	0.60	1.27	1.43	1.03	1.22	0.72	0.80	0.54	0.48
Max.	0.71	1.04	1.77	2.22	3.39	2.68	1.29	2.39	0.96	1.70	0.60	0.61
Min.	0.44	0.47	0.44	0.37	0.76	0.99	0.77	0.84	0.63	0.61	0.50	0.45

WATER YEAR 1974 : Max. 3.39 m. Min. 0.37 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.20	2.20	2.70	1.10	8.60	7.80	10	70	5.80	2.30	2.00	1.30
2	1.15	1.44	2.80	1.00	6.20	6.60	10	68	5.40	2.20	1.93	1.58
3	1.44	1.20	2.40	0.90	4.20	15	13	36	5.20	2.20	1.93	2.10
4	1.37	5.80	2.40	0.85	4.40	7.60	16	23	4.80	2.20	1.86	1.79
5	1.20	2.80	2.00	0.85	25	7.00	15	17	4.20	2.20	1.86	1.58
6	1.15	2.70	1.72	1.05	14	12	16	15	4.00	2.90	1.79	1.51
7	1.10	1.93	1.51	1.10	9.00	17	12	21	4.40	4.00	1.79	1.51
8	1.05	1.65	1.37	0.90	9.00	29	11	19	8.20	4.20	1.65	1.44
9	1.05	1.51	1.65	0.85	8.00	18	9.50	15	5.40	4.20	1.65	1.37
10	1.05	1.37	1.37	0.80	6.60	13	8.40	13	4.60	5.20	1.65	1.30
11	1.15	1.37	1.25	1.00	5.60	13	10	12	3.80	20	1.58	1.25
12	1.05	1.30	1.15	0.85	5.00	51	17	13	3.40	32	1.58	1.25
13	1.30	1.58	1.20	0.85	34	64	12	17	3.20	16	1.51	1.20
14	1.15	1.20	1.58	0.75	35	91	10	22	3.20	10	1.51	1.15
15	1.15	1.15	27	0.85	27	85	8.80	15	3.00	8.20	1.51	1.15
16	1.37	1.44	35	0.70	15	42	8.00	13	2.90	6.80	1.51	1.00
17	1.20	1.37	16	0.70	25	30	7.60	11	2.80	6.00	1.44	1.00
18	1.15	1.44	8.80	0.65	153	24	7.20	10	2.80	5.40	1.44	1.10
19	1.15	1.58	5.60	0.70	71	25	7.20	10	2.70	5.20	1.44	1.10
20	1.05	5.00	4.20	0.70	38	21	11	10	2.60	5.00	1.44	1.10
21	1.05	4.20	2.90	0.70	25	20	8.20	9.25	2.60	4.60	1.44	1.10
22	1.00	8.00	2.40	0.70	19	16	6.80	8.60	2.60	4.00	1.44	1.10
23	1.00	9.50	2.10	1.37	18	15	5.80	8.40	2.60	3.40	1.37	1.10
24	1.00	4.60	1.86	1.10	15	15	5.20	7.80	2.60	2.90	1.37	1.05
25	1.00	6.80	1.65	1.05	11	11	4.80	7.40	2.60	2.90	1.37	1.05
26	1.10	9.50	1.30	3.80	11	12	4.40	7.20	2.60	2.70	1.37	1.05
27	1.05	6.60	1.10	10	12	28	6.00	6.80	2.50	2.50	1.30	1.10
28	1.10	10	1.00	22	9.25	19	9.50	6.60	2.50	2.30	1.30	1.10
29	1.10	6.40	1.00	60	8.20	15	14	6.00	2.40	2.20	–	1.10
30	3.20	4.20	1.25	24	7.20	12	13	5.80	2.30	2.20	–	1.05
31	–	2.70	–	12	7.40	–	11	–	2.30	2.10	–	1.05
Total	36.08	112.53	138.26	153.87	646.65	742.00	308.40	503.85	110.00	178.00	44.03	38.83
Mean	1.20	3.63	4.61	4.96	20.8	24.7	9.95	16.8	3.55	5.74	1.57	1.25
Max.	3.20	10	35	60	153	91	17	70	8.20	32	2.00	2.10
Min.	1.00	1.15	1.00	0.65	4.20	7.00	4.40	5.80	2.30	210	1.30	1.05
Runoff – mcm.	3.117	9.722	11.946	13.294	55.870	64.109	26.646	43.533	9.504	15.379	3.804	3.355

WATER YEAR 1974 : Max. 153 Min. 0.65 Mean 8.25 Annual Runoff 260.280 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	08.00	4.08	225				

YOM RIVER BASIN

Mae Yom River at Wat Si Suphan, Phrae (Y1B)

Location: Lat. 18^{0}-08'-29" N., Long. 100^{0}-07'-41" E., on right bank beside the Wat Si Suphan, Tambon Pa Mad, Amphoe Muang, Phrae.

Drainage Area: 7,622 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 143.60 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on right bank near automatic gage building.
Elevation: + 153.660 m. (M.S.L.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April - July, November - December. Recording on August - October, January - March.

Basis of Mean Daily Gage Height: Arithmetic mean of 5-24 hourly readings.

Period of Available Gage Records: 1972 to date.

Rating Operation:

Period of Rating: 1974 to date.
Rated by Float: -
Rated by Current Meter: 1974 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: Overbank flow starts at elevation + 152.80 m. (M.S.L.) and is included.

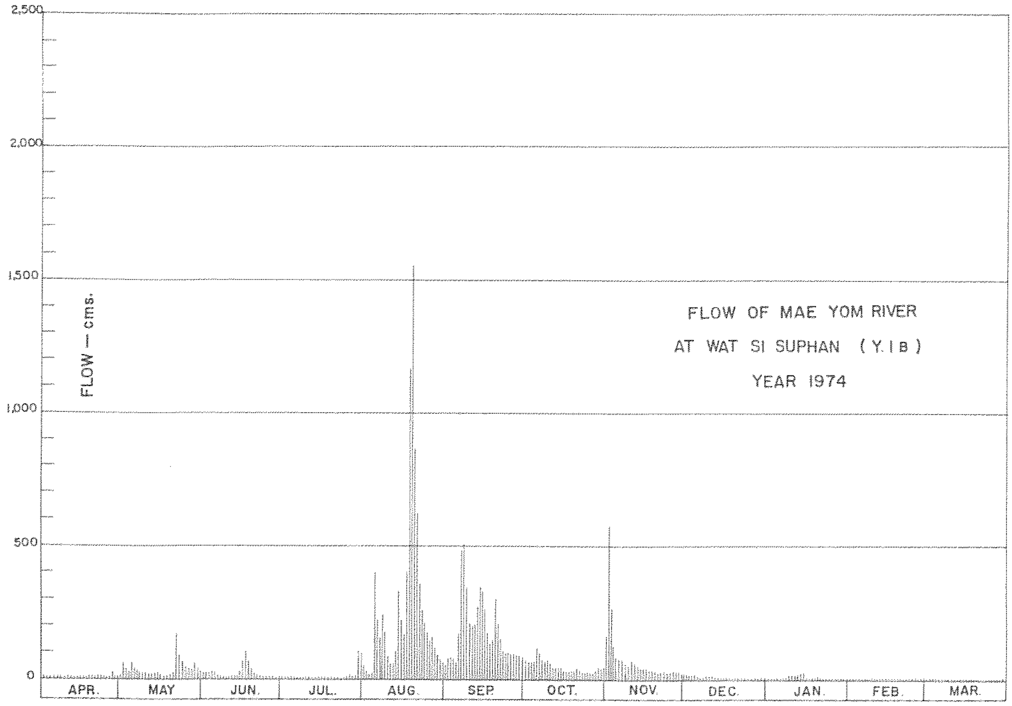
General Description: Records good. Stage-discharge relation defined by 173 discharge measurements made in 1974. Upstream state diversions for irrigation of about 24,000 hectares at Mae Yom Weir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.
1	144.67	145.33	145.11	144.63	145.46	145.52
2	.60	.61	.01	.63	.17	.81
3	.60	.18	.01	.63	144.99	.87
4	.59	.03	.05	.63	.91	.79
5	.59	.55	.08	.62	148.32	.57
6	144.57	145.22	144.90	144.61	147.09	146.76
7	.56	.10	.70	.63	146.55	148.86
8	.53	.03	.65	.63	147.27	.98
9	.53	144.99	.63	.61	146.27	147.97
10	.59	.90	.60	.60	145.85	.06
11	144.64	144.87	144.58	144.56	145.63	146.96
12	.67	.80	.58	.56	.63	147.01
13	.63	.78	.57	.55	146.35	.50
14	.63	.83	.57	.54	147.93	.99
15	.63	.85	145.14	.53	.15	.88
16	144.78	144.66	145.69	144.52	146.71	147.38
17	.74	.58	146.16	.50	148.41	146.73
18	.74	.70	145.77	.49	152.07	.41
19	.79	.64	.32	.48	153.15	.53
20	.78	.86	.05	.48	150.84	147.67
21	144.69	145.01	144.90	144.49	149.68	146.97
22	.65	146.72	.80	.49	148.07	146.53
23	.65	145.98	.76	.52	147.38	.19
24	.63	.68	.73	.62	.04	.07
25	.65	.36	.70	.67	146.75	.11
26	144.61	145.27	144.66	144.95	146.50	146.08
27	.62	.13	.64	.79	.60	.08
28	.95	.25	.64	.78	.25	.03
29	.73	.61	.64	.85	145.95	.04
30	.69	.36	.64	146.16	.80	145.98
31	-	.05	-	.07	.64	-
Mean	144.66	145.16	144.91	144.70	147.14	146.74
Max.	144.95	146.72	146.16	146.16	153.15	148.98
Min.	144.53	144.58	144.57	144.48	144.91	145.52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	145.75	146.61	145.00	144.63	144.60	144.53
2	.70	149.44	144.95	.62	.59	.53
3	.67	148.26	.94	.62	.60	.53
4	.69	146.32	.93	.60	.60	.52
5	146.14	145.89	.94	.60	.58	.52
6	146.26	145.82	144.87	144.64	144.58	144.52
7	.02	.78	.85	.65	.57	.52
8	145.75	.68	.85	.68	.57	.52
9	.67	.58	.91	.69	.57	.51
10	.71	.45	.95	.70	.55	.50
11	145.56	145.70	144.85	144.75	144.55	144.50
12	.43	.59	.81	.87	.53	.49
13	.39	.49	.77	145.06	.53	.49
14	.37	.42	.74	.12	.53	.49
15	.32	.37	.72	.12	.53	.48
16	145.20	145.32	144.70	144.83	144.53	144.48
17	.14	.30	.68	.83	.52	.48
18	.12	.27	.69	.78	.51	.48
19	.12	.26	.69	.74	.52	.48
20	.12	.19	.67	.70	.50	.48
21	145.32	145.09	144.65	144.68	144.50	144.48
22	.15	.17	.65	.66	.50	.48
23	.07	.16	.64	.65	.50	.48
24	.05	.05	.64	.65	.50	.48
25	.03	.07	.64	.64	.50	.47
26	145.01	145.19	144.63	144.63	144.50	144.47
27	.04	.14	.63	.62	.51	.47
28	.19	.08	.63	.62	.52	.47
29	.43	.09	.62	.60	-	.47
30	.34	.03	.64	.60	-	.47
31	.37	-	.64	.60	-	.47
Mean	145.42	145.66	144.76	144.71	144.54	144.49
Max.	146.26	149.44	145.00	145.12	144.60	144.53
Min.	145.01	145.03	144.62	144.60	144.50	144.47

WATER YEAR 1974 : Max. 153.15 m. Min. 144.47 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	6.10	38	25	4.90	45	50	68	152	20	4.90	4.00	2.60
2	4.00	57	20	4.90	28	73	64	575	17	4.60	3.80	2.60
3	4.00	29	20	4.90	19	78	62	382	17	4.60	4.00	2.60
4	3.80	21	22	4.90	15	71	63	120	16	4.00	4.00	2.40
5	3.80	52	24	4.60	391	54	100	80	17	4.00	3.60	2.40
6	3.40	31	15	4.30	212	169	111	74	14	5.20	3.60	2.40
7	3.20	25	7.00	4.90	145	478	90	70	13	5.50	3.40	2.40
8	2.60	21	5.50	4.90	236	497	68	62	13	6.40	3.40	2.40
9	2.60	19	4.90	4.30	111	336	62	54	15	6.70	3.40	2.20
10	3.80	15	4.00	4.00	76	208	65	45	17	7.00	3.00	2.00
11	5.20	14	3.60	3.20	58	195	53	64	13	9.00	3.00	2.00
12	6.10	11	3.60	3.20	58	201	44	55	11	14	2.60	1.80
13	4.90	10	3.40	3.00	120	268	41	47	10	23	2.60	1.80
14	4.90	12	3.40	2.80	330	339	40	43	8.60	26	2.60	1.80
15	4.90	13	27	2.60	219	323	37	40	7.80	26	2.60	1.60
16	10	5.80	63	2.40	163	251	30	37	7.00	12	2.60	1.60
17	8.60	3.60	101	2.00	406	166	27	36	6.40	12	2.40	1.60
18	8.60	7.00	70	1.80	1,161	130	26	34	6.70	10	2.20	1.60
19	11	5.20	37	1.60	1,545	143	26	34	6.70	8.60	2.40	1.60
20	10	13	22	1.60	853	292	26	29	6.10	7.00	2.00	1.60
21	6.70	20	15	1.80	618	196	37	24	5.50	6.40	2.00	1.60
22	5.50	164	11	1.80	351	143	27	28	5.50	5.80	2.00	1.60
23	5.50	88	9.40	2.40	251	101	23	28	5.20	5.50	2.00	1.60
24	4.90	62	8.20	4.60	205	91	22	22	5.20	5.50	2.00	1.60
25	5.50	40	7.00	6.10	168	100	21	23	5.20	5.20	2.00	1.40
26	4.30	34	5.80	17	140	91	20	29	4.90	4.90	2.00	1.40
27	4.60	26	5.20	11	151	91	22	27	4.90	4.60	2.20	1.40
28	17	33	5.20	10	110	90	29	24	4.90	4.60	2.40	1.40
29	8.20	57	5.20	13	85	90	44	24	4.60	4.00	–	1.40
30	6.70	40	5.20	101	72	88	38	21	5.20	4.00	–	1.40
31	–	22	–	91	59	–	40	–	5.20	4.00	–	1.40
Total	180.40	988.60	556.60	330.50	8,401	5,403	1,426	2,283	298.60	255.00	77.80	57.20
Mean	6.01	31.9	18.6	10.7	271	180	46.0	76.1	9.63	8.22	2.78	1.84
Max.	17	164	101	101	1,545	497	111	575	20	26	4.00	2.60
Min.	2.60	3.60	3.40	1.60	15	50	20	21	4.60	4.00	2.00	1.40
Runoff - mcm.	15.587	85.415	48.263	28.555	725.846	466.819	123.206	197.251	25.799	22.032	6.722	4.942

WATER YEAR 1974 : Max. 1,545 Min. 1.40 Mean 55.5 Annual Runoff 1,750.438 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	15.00	153.24	1,583				

YOM RIVER BASIN

Mae Yom River at Sawankhalok Bridge, Sukhothai (Y3A)

Location: Lat. 17°-18'-29" N., Long. 99°-49'-43" E., on right bank about 100 meters downstream from Sawankhalok Bridge, Amphoe Sawankhalok, Sukhothai.

Drainage Area: 13,583 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 51.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on left side of automatic gage building.
Elevation: + 60.599 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Rating Operation:

Period of Rating: 1967 to date.
Rated by Float: -
Rated by Current Meter: 1967 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

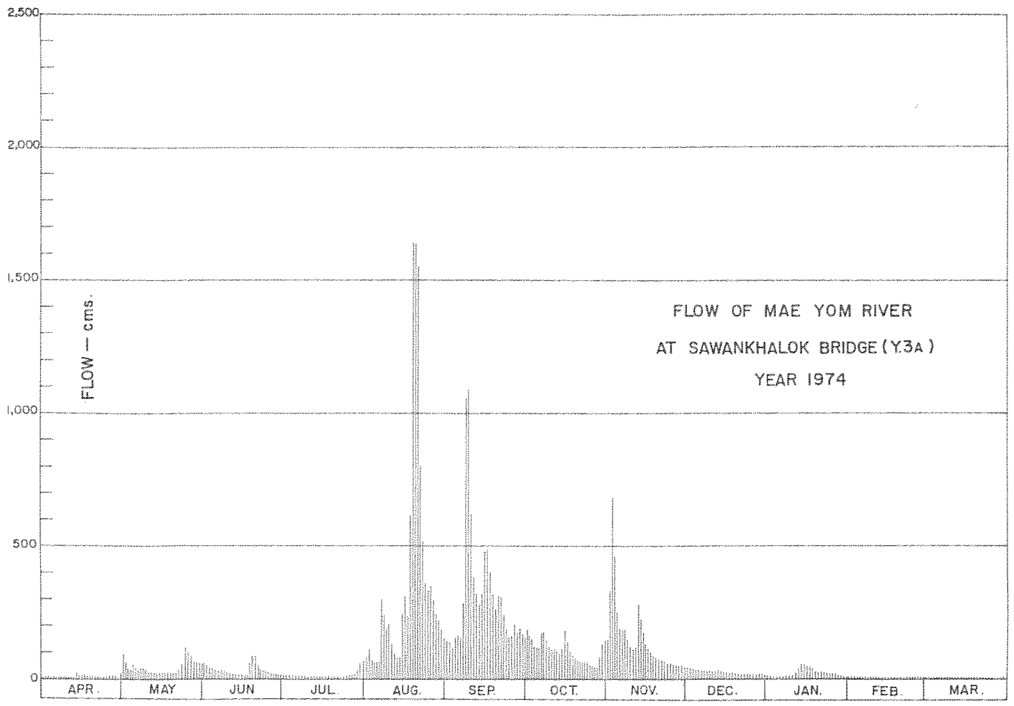
Overbank Flow Conditions: Overbank flow starts at elevation + 60.58 m. (M.S.L.), records are channel flow only.

General Description: Records fair. Stage-discharge relation defined by 24 discharge measurements made in 1974. Upstream state diversions for irrigation of about 24,000 hectares at Mae Yom Weir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	51.62	53.26	52.83	51.93	53.15	53.96	54.07	53.94	52.58	51.96	51.90	51.67
2	.63	52.71	.65	.95	.61	.90	.31	55.78	.54	.94	.88	.68
3	.65	.32	.52	.94	.14	.66	53.99	58.23	.46	.93	.87	.67
4	.67	.64	.47	.89	52.77	54.08	.73	56.82	.46	.92	.86	.67
5	.78	.74	.39	.85	.80	.18	.67	55.06	.44	.92	.85	.67
6	51.74	52.44	52.34	51.82	52.86	54.10	53.65	54.42	52.45	51.93	51.83	51.67
7	.75	.27	.33	.80	55.52	55.36	54.23	.40	.42	.92	.83	.67
8	.76	.50	.30	.79	.00	59.62	.28	.37	.39	.94	.81	.65
9	.72	.40	.20	.79	54.49	.73	53.92	.03	.37	.96	.81	.65
10	.70	.27	.08	.78	.63	57.89	.62	53.74	.37	52.02	.81	.63
11	51.68	52.18	52.04	51.77	53.83	56.21	53.52	53.55	52.35	52.10	51.80	51.63
12	.80	.09	.02	.76	.38	55.59	.55	.60	.37	.29	.78	.62
13	52.13	.04	51.99	.75	.17	.29	.45	55.28	.38	.56	.77	.61
14	51.85	.03	.94	.72	.22	.60	.32	54.79	.32	.79	.76	.60
15	.89	.07	.90	.70	54.99	56.96	.68	.18	.28	.76	.75	.57
16	51.97	52.03	51.86	51.68	55.63	57.04	54.35	53.76	52.25	52.70	51.73	51.59
17	.85	.00	.95	.67	54.89	56.32	53.84	.51	.23	.65	.72	.59
18	.79	.09	52.78	.66	57.88	55.66	.40	.34	.18	.54	.72	.58
19	.76	51.97	53.29	.65	60.68	.12	.21	.23	.15	.34	.71	.57
20	.79	.90	.27	.63	.68	.52	.09	.12	.13	.31	.71	.57
21	51.84	51.90	52.89	51.63	60.56	55.63	52.97	53.03	52.11	52.27	51.69	51.57
22	.79	52.30	.58	.63	58.69	.60	.89	.01	.09	.25	.69	.57
23	.75	.50	.36	.64	57.26	54.82	.89	52.97	.08	.21	.69	.56
24	.79	53.60	.24	.63	56.00	.35	.87	.80	.07	.17	.69	.56
25	.80	.58	.14	.80	55.76	.07	.74	.84	.05	.13	.68	.56
26	51.74	53.28	52.07	51.98	55.96	54.13	52.65	52.78	52.02	52.09	51.68	51.56
27	.74	.15	.04	.97	.50	.57	.59	.68	.01	.05	.67	.56
28	.75	52.90	51.97	52.15	54.99	.27	.57	.67	.01	.01	.67	.56
29	.74	.83	.93	.60	.74	.49	53.16	.72	.00	51.98	-	.56
30	.78	.83	.91	.99	.33	.23	.77	.61	51.97	.95	-	.55
31	-	.86	-	.90	.09	-	.95	-	.97	.92	-	.55
Mean	51.77	52.50	52.31	51.88	55.30	55.40	53.48	53.91	52.24	52.18	51.76	51.60
Max.	52.13	53.60	53.29	52.99	60.68	59.73	54.35	58.23	52.58	52.79	51.90	51.68
Min.	51.62	51.90	51.86	51.63	52.77	53.66	52.57	52.61	51.97	51.92	51.67	51.55

WATER YEAR 1974 : Max. 60.68 m. Min. 51.55 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.60	86	59	14	78	142	152	141	44	15	13	6.10
2	4.90	52	48	14	113	137	175	329	41	14	12	6.40
3	5.50	30	40	14	78	117	145	676	37	14	12	6.10
4	6.10	47	37	13	55	153	122	457	37	14	12	6.10
5	9.40	53	33	11	57	162	118	250	36	14	11	6.10
6	8.20	36	31	11	61	155	116	186	36	14	11	6.10
7	8.50	27	30	10	299	282	167	184	35	14	11	6.10
8	8.80	39	29	9.70	244	1,050	172	181	33	14	10	5.50
9	7.60	34	24	9.70	193	1,093	139	149	32	15	10	5.50
10	7.00	27	19	9.40	207	613	114	123	32	17	10	4.90
11	6.40	23	18	9.10	131	380	106	108	31	20	10	4.90
12	10	20	17	8.80	95	309	108	112	32	28	9.40	4.60
13	21	18	16	8.50	80	274	100	273	33	43	9.10	4.30
14	11	17	14	7.60	83	308	90	223	30	56	8.80	4.00
15	13	19	13	7.00	243	475	118	162	28	55	8.50	3.40
16	15	17	12	6.40	311	486	179	125	26	51	7.90	3.80
17	11	16	14	6.10	233	393	132	105	25	48	7.60	3.80
18	9.70	20	56	5.80	612	315	96	92	23	41	7.60	3.60
19	8.80	15	88	5.50	1,636	256	83	84	22	31	7.30	3.40
20	9.70	13	87	4.90	1,636	299	74	76	21	29	7.30	3.40
21	11	13	62	4.90	1,554	311	67	71	20	27	6.70	3.40
22	9.70	29	44	4.90	775	308	62	70	20	26	6.70	3.40
23	8.50	39	32	5.20	516	226	62	67	19	24	6.70	3.20
24	9.70	112	26	4.90	355	179	61	57	19	23	6.70	3.20
25	10	110	22	10	326	152	53	59	18	21	6.40	3.20
26	8.20	88	19	15	350	158	48	56	17	20	6.40	3.20
27	8.20	78	18	15	297	201	44	50	16	18	6.10	3.20
28	8.50	63	15	22	243	171	43	49	16	16	6.10	3.20
29	8.20	59	14	45	218	193	79	52	16	15	–	3.20
30	9.40	59	15	68	177	167	126	46	15	14	–	3.00
31	–	61	–	63	154	–	141	–	15	14	–	3.00
Total	277.60	1,320	950	443.40	11,410	9,465	3,292	4,613	825	765	247.30	133.30
Mean	9.25	42.6	31.7	14.3	368	305	106	154	26.6	24.7	8.83	4.30
Max.	21	112	88	68	1,636	1,093	179	676	44	56	13	6.40
Min.	4.60	13	12	4.90	55	117	42	46	15	14	6.10	3.00
Runoff - mcm.	23.985	114.048	82.080	38.310	985.824	817.776	284.429	398.563	71.280	66.096	21.367	11.517

WATER YEAR 1974 : Max. 1,636 Min. 3.00 Mean 92.4 Annual Runoff 2,915.274 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19, 74	2.00	60.69	1,643				

YOM RIVER BASIN

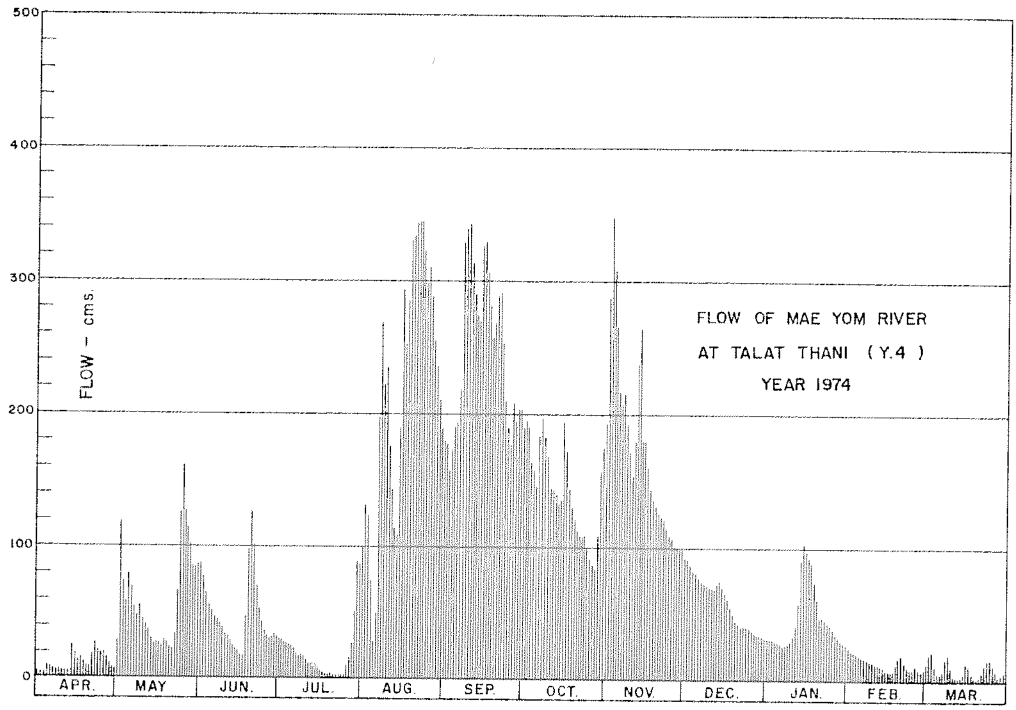
Mae Yom River at Talat Thani, Sukhothai (Y.4)

Location:	Lat. 17°-00'-18" N., Long. 99°-49'-31" E., on left bank infront of the Governor's house, Amphoe Muang, Sukhothai.
Drainage Area:	17,731 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 44.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	at about 22 meters from the top of the vertical staff gage.
Elevation:	+ 47.579 m. (M.S.L.)
Gage Reading Frequency:	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:	1950 to date.
Rating Operation:	
Period of Rating:	1954-1956, 1967-1970.
Rated by Float:	-
Rated by Current Meter:	1954-1956, 1967-1970.
Stability of Channel Regimes:	Unstable, no shifting adjustment but periodic curves are used for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 49.00 m. (M.S.L.), records are channel flow only.
General Description:	Records good. Stage-discharge relation defined by 40 discharge measurements made in 1970. Upstream state diversions for irrigation of about 24,000 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	45.37	46.48	47.69	46.51	47.67	48.61	48.69	48.65	47.73	46.58	46.26	45.76
2	.28	48.05	.58	.44	48.18	.59	.73	49.02	.73	.55	.21	46.11
3	.26	47.45	.36	.40	.11	.42	.69	.33	.67	.54	.16	.20
4	.33	.18	.20	.35	47.72	.56	.47	.27	.60	.50	.09	45.73
5	.61	.55	.13	.29	.41	.70	.41	.11	.59	.46	.06	.44
6	45.54	47.39	47.01	46.29	47.57	48.72	48.31	48.91	47.53	46.40	46.02	45.30
7	.45	.10	46.93	.09	48.59	.92	.64	.83	.48	.38	45.98	.34
8	.41	46.97	.92	.04	49.12	49.29	.75	.87	.45	.39	.92	.79
9	.43	47.15	.81	.06	48.92	.31	.63	.74	.42	.41	.88	46.07
10	.39	46.97	.62	45.17	.97	.32	.56	.59	.41	.48	.83	45.74
11	45.32	46.83	46.47	45.84	48.69	49.27	48.29	48.39	47.40	46.61	45.80	45.37
12	.27	.81	.55	.73	.32	.21	.29	.38	.40	.81	.76	.23
13	.80	.60	.36	.71	.01	.15	.28	.96	.45	47.21	.67	.18
14	46.32	.41	.23	.75	47.96	.12	.19	49.11	.47	.69	.60	.16
15	45.97	.33	.13	.54	48.75	.28	.20	48.61	.43	.89	.55	.45
16	45.83	46.40	46.02	45.42	49.20*	49.29	48.73	48.61	47.35	47.82	45.53	45.76
17	.89	.32	45.95	.34	.06	.25	.61	.42	.24	.76	.47	.77
18	.72	.32	46.56	.30	.18	.18	.33	.30	.15	.69	.51	.45
19	.61	.43	47.64	.26	.29	.08	.20	.23	.03	.45	.74	.13
20	.58	.32	48.13	.23	.30	.12	.11	.18	46.94	.21	46.00	.06
21	45.98	46.12	47.93	45.30	49.32	49.18	48.02	48.14	46.87	46.95	46.08	45.09
22	46.37	.37	.56	.17	.32	.19	47.96	.10	.85	.97	45.83	.45
23	.25	.89	.20	.15	.32	.04	.93	.09	.85	.91	.66	.75
24	.05	47.73	46.95	.14	.27	48.86	.95	.01	.82	.90	.58	.90
25	.06	48.45	.69	.14	.21	.70	.85	47.95	.80	.83	.57	.92
26	46.11	48.16	46.64	45.57	49.24	48.59	47.75	47.94	46.76	46.76	45.71	45.67
27	45.90	.01	.55	.86	.20	.83	.68	.86	.71	.65	.54	.41
28	.63	47.84	.56	46.05	.08	.73	.61	.84	.68	.58	.33	.22
29	.51	.64	.59	.67	.02	.80	.80	.84	.64	.50	-	.30
30	.50	.63	.53	47.33	48.87	.79	48.39	.82	.62	.42	-	.39
31	-	.66	-	.69	.70	-	.57	-	.58	.34	-	.45
Mean	45.69	47.08	46.88	45.89	48.73	48.97	48.28	48.47	47.18	46.86	45.80	45.53
Max.	46.37	48.45	48.13	47.69	49.32	49.32	48.75	49.33	47.73	47.89	46.26	46.20
Min.	45.26	46.12	45.95	45.14	47.41	48.42	47.61	47.82	46.58	46.34	45.33	45.06

WATER YEAR 1974 : Max. 49.33 m. Min. 45.06 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.55	29	88	30	86	179	189	184	91	32	24	13
2	4.30	116	81	28	131	177	194	243	91	31	23	20
3	4.10	72	67	27	124	157	189	348	86	31	21	22
4	4.95	57	58	26	90	173	163	321	82	30	20	12
5	9.70	79	54	25	28	190	156	265	81	29	19	6.60
6	8.30	69	48	25	32	193	145	220	77	27	18	4.50
7	6.75	53	45	20	177	222	183	207	74	27	17	5.10
8	6.15	47	44	18	268	329	196	213	72	27	16	13
9	6.45	55	40	19	222	338	182	195	71	28	15	19
10	5.85	47	34	17	232	343	173	177	70	29	14	12
11	4.80	41	29	14	189	321	143	154	69	33	13	5.55
12	4.20	40	31	12	146	297	143	153	69	40	13	3.80
13	13	33	26	12	114	277	142	230	72	58	11	3.30
14	25	28	23	12	109	268	132	265	74	88	9.50	3.10
15	17	26	21	8.30	196	325	133	179	71	102	8.50	6.75
16	14	27	18	6.30	293	329	194	179	66	97	8.10	13
17	15	25	16	5.10	252	313	179	157	60	93	7.05	13
18	12	25	32	4.50	287	287	147	144	55	88	7.70	6.75
19	9.70	28	85	4.10	329	257	133	136	49	72	12	2.80
20	9.10	25	126	3.80	333	268	124	131	45	58	17	2.10
21	17	20	107	4.50	343	287	115	127	42	46	19	2.40
22	27	27	79	3.20	343	290	109	123	41	47	14	6.75
23	24	43	58	3.00	343	248	107	122	41	44	11	12
24	19	91	46	2.90	321	212	108	114	40	43	9.10	15
25	19	160	36	2.90	297	190	100	108	39	41	8.90	16
26	20	129	34	8.90	309	177	92	108	38	38	12	11
27	15	114	31	15	293	207	87	101	36	34	8.30	6.15
28	10	99	32	19	257	194	83	99	35	32	4.95	3.70
29	7.70	85	33	35	243	203	96	99	34	30	–	4.50
30	7.50	84	31	65	213	202	154	98	34	28	–	5.85
31	–	86	–	88	190	–	174	–	32	26	–	6.75
Total	352.10	1,862	1,453	564.50	6,790	7,453	4,465	5,200	1,837	1,429	381.10	277.45
Mean	11.7	60.1	46.9	18.2	219	248	144	173	59.2	46.1	13.6	8.95
Max.	27	160	126	88	343	343	196	348	91	102	24	22
Min.	4.10	20	16	2.90	28	157	83	98	32	26	4.95	2.10
Runoff - mcm.	30.421	160.877	125.539	48.773	586.656	643.939	385.776	449.280	158.717	123.465	32.927	23.972

WATER YEAR 1974 : Max. 348 Min. 2.10 Mean 87.8 Annual Runoff 2,770.342 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 3	06.00	49.34	353				

YOM RIVER BASIN

Mae Yom River at above Kaeng Luang, Sukhothai (Y.6)

Location: Lat. 17°-26'-03" N., Long. 99°-47'-32" E., on left bank about 150 meters above Kaeng Luang, Amphoe Si Satchanalai, Sukhothai.

Drainage Area: 12,658 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 59.00 m. (M.S.L.)

Bench Mark: B.M. - Y6

Location: near automatic gage building.
Elevation: + 68.928 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1952 to date.

Rating Operation:

Period of Rating: 1952 to date.
Rated by Float: -
Rated by Current Meter: 1952 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

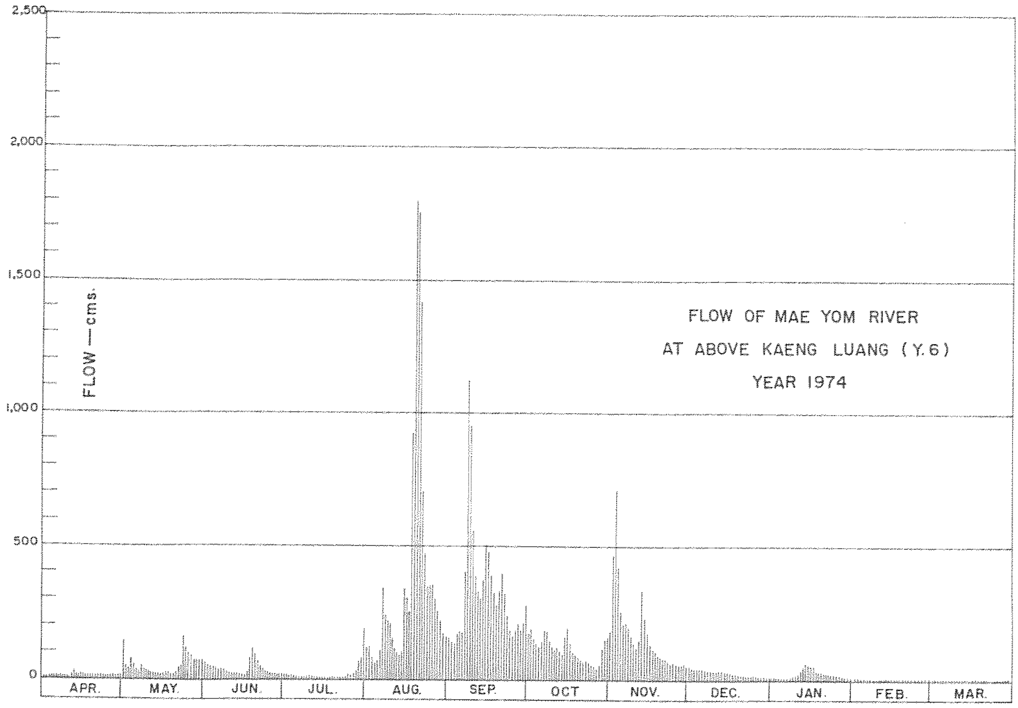
General Description: Stage-discharge relation defined by 57 discharge measurements made in 1974. Flow diverted for irrigation of about 24,000 hectares at above gage site.

Records good.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	59.79	61.55	60.84	60.12	61.38	61.72	61.84	61.90	60.70	60.08	60.02	59.79
2	.77	60.63	.70	.12	.45	.62	.95	63.37	.63	.07	.01	.81
3	.84	.42	.57	.08	.05	.56	.67	64.29	.58	.05	59.98	.80
4	.96	.92	.56	.03	60.80	.85	.54	63.16	.57	.05	.98	.81
5	.91	.66	.48	59.98	.91	.92	.45	62.35	.56	.04	.98	.80
6	59.87	60.45	60.44	59.96	61.28	61.86	61.60	62.05	60.53	60.05	59.97	59.80
7	.91	.37	.46	.95	62.83	63.11	.94	.10	.51	.05	.96	.80
8	.88	.62	.39	.95	.31	65.62	.91	.00	.48	.08	.94	.79
9	.84	.44	.26	.96	.16	.10	.62	61.77	.47	.12	.93	.78
10	.83	.37	.18	.96	.08	63.75	.43	.56	.46	.17	.92	.77
11	59.82	60.27	60.17	59.94	61.57	63.04	61.38	61.44	60.44	60.26	59.90	59.77
12	60.29	.20	.14	.93	.28	62.75	.40	.69	.49	.52	.89	.76
13	.08	.17	.12	.92	.16	.62	.31	62.75	.45	.72	.88	.75
14	59.97	.17	.05	.88	.29	.99	.22	.23	.41	.90	.87	.74
15	60.08	.15	.01	.86	62.82	63.56	.73	61.85	.37	.81	.86	.73
16	60.05	60.12	59.99	59.85	62.67	63.46	61.96	61.57	60.35	60.78	59.85	59.73
17	59.95	.16	60.34	.83	.33	.04	.54	.41	.32	.73	.84	.72
18	.91	.22	61.00	.83	65.02	62.71	.27	.28	.27	.44	.83	.72
19	.90	.04	.38	.81	67.35	.49	.14	.18	.25	.44	.82	.73
20	.98	59.95	.15	.78	.26	.76	.04	.09	.22	.41	.81	.73
21	59.96	60.10	60.86	59.79	66.48	63.06	60.96	61.03	60.22	60.38	59.80	59.72
22	.92	.54	.59	.78	64.30	62.70	.89	.03	.21	.36	.80	.72
23	.89	.60	.44	.80	63.41	.25	.93	60.94	.20	.32	.80	.72
24	.98	61.74	.30	.79	62.86	61.95	.85	.85	.18	.28	.79	.71
25	.90	.37	.22	60.20	.90	.75	.75	.90	.16	.24	.79	.71
26	59.87	61.20	60.17	60.10	62.92	61.93	60.69	60.80	60.14	60.21	59.79	59.71
27	.93	.08	.13	.22	.59	62.09	.63	.77	.12	.16	.79	.71
28	.89	60.87	.10	.37	.37	61.93	.73	.77	.12	.13	.79	.71
29	.89	.89	.05	.88	.15	62.10	61.40	.80	.10	.09	-	.71
30	.98	.89	.07	61.08	61.90	61.85	.69	.68	.09	.06	-	.70
31	-	.94	-	.95	.79	-	.77	-	.09	.04	-	.70
Mean	59.93	60.58	60.40	60.09	62.65	62.64	61.36	61.65	60.34	60.29	59.88	59.75
Max.	60.29	61.74	61.38	61.95	67.35	65.62	61.96	64.29	60.70	60.90	60.02	59.81
Min.	59.77	59.95	59.99	59.78	60.80	61.56	60.63	60.68	60.09	60.04	59.79	59.70

WATER YEAR 1974 : Max. 67.35 m. Min. 59.70 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.90	131	59	15	112	153	170	178	49	13	11	2.90
2	2.70	44	49	15	119	140	185	457	44	13	10	3.30
3	4.20	31	40	13	77	132	146	706	41	12	9.20	3.00
4	8.40	66	40	13	56	171	130	408	40	12	9.20	3.30
5	6.40	46	35	9.20	65	181	119	251	40	12	9.20	3.00
6	5.10	33	32	8.40	101	172	137	201	38	12	8.80	3.00
7	6.40	28	34	8.00	339	396	184	209	37	12	8.40	3.00
8	5.40	43	29	8.00	243	1,119	179	193	35	13	7.60	2.90
9	4.20	32	22	8.40	219	948	140	160	34	15	7.20	2.80
10	3.90	28	18	8.40	206	555	117	132	34	17	6.80	2.70
11	3.60	22	17	7.60	133	381	112	118	32	22	6.00	2.70
12	23	19	16	7.20	101	324	114	149	35	37	5.70	2.60
13	13	17	15	6.80	88	300	104	324	33	50	5.40	2.50
14	8.80	17	12	5.40	102	370	94	230	31	64	5.10	2.40
15	13	16	10	4.80	338	505	154	171	28	57	4.80	2.30
16	12	15	9.60	4.50	309	479	187	133	27	55	4.50	2.30
17	8.00	17	26	3.90	247	381	130	115	25	51	4.20	2.20
18	6.40	20	73	3.90	924	317	100	101	22	32	3.90	2.20
19	6.00	12	112	3.30	1,798	276	86	90	21	32	3.60	2.30
20	9.20	8.00	87	2.80	1,751	326	77	81	20	31	3.30	2.30
21	8.40	14	61	2.90	1,411	385	69	76	20	29	3.00	2.20
22	6.80	38	41	2.80	709	315	63	76	19	28	3.00	2.20
23	5.70	42	32	3.00	466	233	67	68	19	25	3.00	2.20
24	9.20	156	24	2.90	345	185	60	60	18	23	2.90	2.10
25	6.00	111	20	19	353	157	52	64	17	21	2.90	2.10
26	5.10	92	17	14	357	182	48	56	16	19	2.90	2.10
27	7.20	80	15	20	294	207	44	54	15	17	2.90	2.10
28	5.70	62	14	28	255	182	51	54	15	15	2.90	2.10
29	5.70	63	12	62	217	209	114	56	14	14	–	2.10
30	9.20	63	13	80	178	171	149	48	14	12	–	2.00
31	–	68	–	185	163	–	160	–	14	12	–	2.00
Total	221.60	1,434	934.60	576.20	12,075	9,852	3,542	5,019	847	777	157.40	76.90
Mean	7.39	46.2	32.8	18.5	389	328	114	167	27.3	25.0	5.62	2.48
Max.	23	156	112	185	1,798	1,119	187	706	49	64	11	3.30
Min.	2.70	8.00	9.60	2.80	56	132	44	48	14	12	2.90	2.00
Runoff - mcm.	19.146	123.898	85.069	49.784	1,043.280	851.213	306.029	433.641	73.181	67.133	13.599	6.644

WATER YEAR 1974 : Max. 1,798 Min. 2.00 Mean 97.4 Annual Runoff 3,072,617 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	19.00	67.50	1,876				

YOM RIVER BASIN

Mae Ngao River at Ngao Bridge, Lampang (Y.13)

Location: Lat. 18°-45'-06" N., Long. 99°-48'-53" E., on left bank at downstream side of Ngao Bridge, Amphoe Ngao, Lampang.

Drainage Area: 782 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 266.658 m. (M.S.L.)

Bench Mark: B.M. - M.S.

Location: on left bank about 100 meters upstream from gage site.
Elevation: + 273.180 m. (M.S.L.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April - July, November - March. Recording on August - October.

Basis of Mean Daily Gage Height: Arithmetic mean of 5, 24 hourly readings.

Period of Available Gage Records: 1957 to date.

Rating Operation:

Period of Rating: 1957-1958, 1969 to date.
Rated by Float: -
Rated by Current Meter: 1957-1958, 1969 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

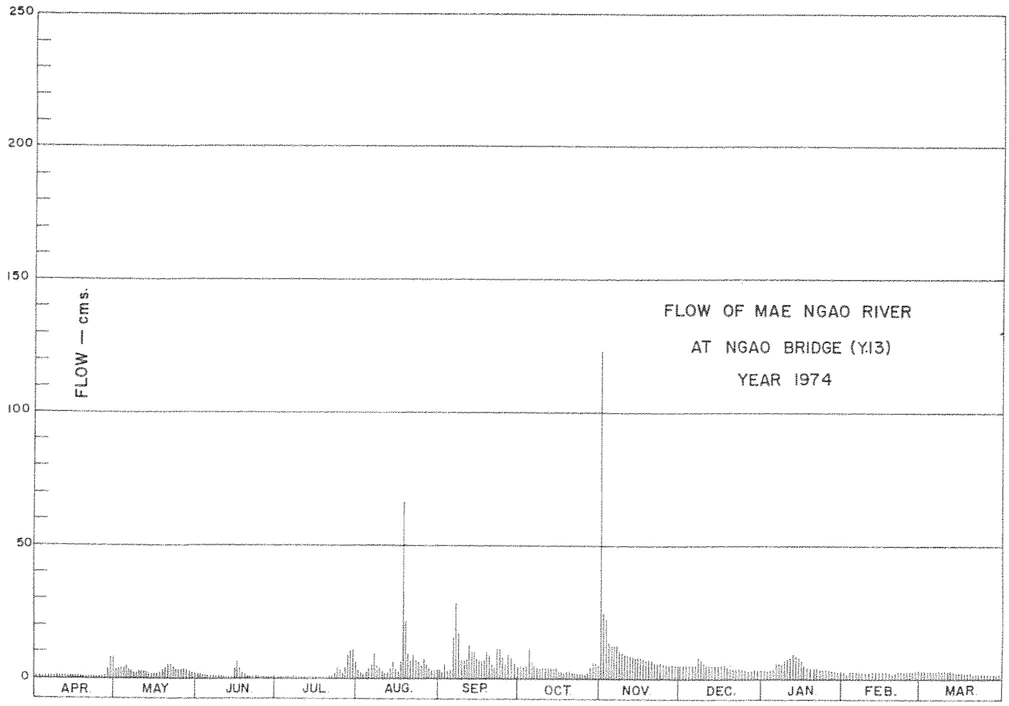
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 19 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	266.67	266.85	266.74	266.63	266.81	266.81	266.89	268.33	266.91	266.84	266.81	266.81
2	.67	.84	.74	.63	.77	.76	.89	267.34	.91	.84	.77	.81
3	.67	.87	.73	.63	.74	.90	.88	.30	.91	.83	.81	.81
4	.68	.85	.71	.63	.78	.80	.91	.13	.91	.83	.81	.81
5	.67	.89	.70	.63	.84	.79	267.09	.11	.91	.84	.81	.81
6	266.67	266.84	266.69	266.63	266.89	267.18	266.93	267.11	266.91	266.94	266.81	266.81
7	.67	.80	.67	.64	267.02	.40	.90	.10	.91	.94	.79	.81
8	.67	.76	.65	.64	266.88	.19	.86	.06	267.00	.94	.79	.81
9	.67	.77	.63	.64	.85	266.96	.85	.04	266.96	.96	.79	.81
10	.67	.79	.61	.62	.78	.95	.85	.03	.93	.98	.78	.81
11	266.68	266.79	266.62	266.61	266.74	266.98	266.86	267.02	266.92	266.99	266.78	266.81
12	.68	.78	.65	.61	.74	267.10	.85	.01	.91	267.01	.80	.81
13	.68	.77	.65	.61	.84	.05	.85	.00	.91	.04	.81	.81
14	.68	.74	.65	.60	.94	.05	.85	.00	.91	.02	.81	.80
15	.68	.75	.87	.59	.83	266.99	.85	266.99	.91	.00	.80	.79
16	266.68	266.74	266.94	266.59	266.77	266.96	266.82	266.98	266.90	266.95	266.80	266.79
17	.68	.75	.84	.58	267.08	.96	.80	.98	.90	.91	.80	.79
18	.68	.75	.77	.58	.85	.95	.76	.97	.90	.89	.78	.79
19	.66	.82	.73	.58	.28	267.05	.78	.97	.88	.88	.78	.78
20	.65	.85	.71	.58	.03	266.98	.79	.96	.87	.88	.78	.77
21	266.65	266.91	266.68	266.62	266.96	266.90	266.78	266.94	266.86	266.88	266.79	266.77
22	.65	.91	.66	.62	267.01	.86	.77	.93	.86	.85	.79	.76
23	.65	.86	.65	.75	266.97	267.09	.76	.92	.85	.85	.80	.76
24	.65	.81	.64	.87	.94	.08	.75	.92	.85	.85	.80	.76
25	.65	.80	.64	.81	.88	266.98	.75	.91	.84	.85	.81	.76
26	266.65	266.81	266.66	266.76	266.97	266.92	266.75	266.91	266.84	266.84	266.81	266.76
27	.67	.81	.67	.86	.89	267.03	.77	.91	.84	.83	.81	.75
28	.81	.79	.65	267.01	.84	266.99	.85	.91	.84	.82	.81	.75
29	267.00	.78	.65	.06	.82	.93	.94	.91	.85	.82	-	.75
30	.00	.75	.62	.09	.80	.89	.94	.91	.85	.82	-	.75
31	-	.74	-	266.95	.81	-	.91	-	.85	.81	-	.75
Mean	266.69	266.80	266.69	266.70	266.91	266.98	266.84	267.04	266.89	266.89	266.80	266.78
Max.	267.00	266.91	266.94	267.09	267.85	267.40	267.09	268.33	267.00	267.04	266.81	266.81
Min.	266.65	266.74	266.61	266.58	266.74	266.76	266.75	266.91	266.84	266.81	266.77	266.75

WATER YEAR 1974 : Max. 268.33 m. Min. 266.58 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.55	3.50	1.38	0.35	2.62	2.62	4.38	123	4.92	3.28	2.62	2.62
2	0.55	3.28	1.38	0.35	1.89	1.72	4.38	24	4.92	3.28	1.89	2.62
3	0.55	3.94	1.21	0.35	1.38	4.60	4.16	22	4.92	3.06	2.62	2.62
4	0.60	3.50	0.87	0.35	2.06	2.40	4.92	13	4.92	3.06	2.62	2.62
5	0.55	4.38	0.70	0.35	3.28	2.23	11	12	4.92	3.28	2.62	2.62
6	0.55	3.28	0.65	0.35	4.38	15	5.56	12	4.92	5.88	2.62	2.62
7	0.55	2.40	0.55	0.40	8.56	28	4.60	12	4.92	5.88	2.23	2.62
8	0.55	1.72	0.45	0.40	4.16	17	3.72	10	7.80	5.88	2.23	2.62
9	0.55	1.89	0.35	0.40	3.50	6.52	3.50	9.32	6.52	6.52	2.23	2.62
10	0.55	2.23	0.25	0.30	2.06	6.20	3.50	8.94	5.56	7.16	2.06	2.62
11	0.60	2.23	0.30	0.25	1.38	7.16	3.72	8.56	5.24	7.48	2.06	2.62
12	0.60	2.06	0.45	0.25	1.38	12	3.50	8.18	4.92	8.18	2.40	2.62
13	0.60	1.89	0.45	0.25	3.28	9.70	3.50	7.80	4.92	9.32	2.62	2.62
14	0.60	1.38	0.45	0.20	5.88	9.70	3.50	7.80	4.92	8.56	2.62	2.40
15	0.60	1.55	3.94	0.18	3.06	7.48	3.50	7.48	4.92	7.80	2.40	2.23
16	0.60	1.38	5.88	0.18	1.89	6.52	2.84	7.16	4.60	6.20	2.40	2.23
17	0.60	1.55	3.28	0.16	11	6.52	2.40	7.16	4.60	4.92	2.40	2.23
18	0.60	1.55	1.89	0.16	66	6.20	1.72	6.84	4.60	4.38	2.06	2.23
19	0.50	2.84	1.21	0.16	21	9.70	2.06	6.84	4.16	4.16	2.06	2.06
20	0.45	3.50	0.87	0.16	8.94	7.16	2.23	6.52	3.94	4.16	2.06	1.89
21	0.45	4.92	0.60	0.30	6.52	4.60	2.06	5.88	3.72	4.16	2.23	1.89
22	0.45	4.92	0.50	0.30	8.18	3.72	1.89	5.56	3.72	3.50	2.23	1.72
23	0.45	3.72	0.45	1.55	6.84	11	1.72	5.24	3.50	3.50	2.40	1.72
24	0.45	2.62	0.40	3.94	5.88	11	1.55	5.24	3.50	3.50	2.40	1.72
25	0.45	2.40	0.40	2.62	4.16	7.16	1.55	4.92	3.28	3.50	2.62	1.72
26	0.45	2.62	0.50	1.72	6.84	5.24	1.55	4.92	3.28	3.28	2.62	1.72
27	0.55	2.62	0.55	3.72	4.38	8.94	1.89	4.92	3.28	3.28	2.62	1.55
28	2.61	2.23	0.45	8.18	3.28	7.48	3.50	4.92	3.28	2.84	2.62	1.55
29	7.80	2.06	0.45	10	2.84	5.56	5.88	4.92	3.50	2.84	–	1.55
30	7.80	1.55	0.30	11	2.40	4.36	5.88	4.92	3.50	2.84	–	1.55
31	–	1.38	–	6.20	2.62	–	4.92	–	3.50	2.62	–	1.55
Total	32.76	81.09	31.11	55.08	211.64	237.[illegible]1	111.08	372.04	139.20	148.30	66.56	67.57
Mean	1.09	2.61	1.04	1.78	6.83	[illegible].92	3.58	12.4	4.49	4.78	2.33	2.18
Max.	7.80	4.92	5.88	11	66	28	11	123	7.80	9.32	2.62	2.62
Min.	0.45	1.88	0.25	0.16	1.38	1.72	1.55	4.92	3.28	2.62	1.89	1.55
Runoff - mcm.	2.830	7.006	2.688	4.759	18.286	20.521	9.597	32.144	12.027	12.813	5.751	5.838

WATER YEAR 1974 : Max. 123 Min. 0.16 Mean 4.26 Annual Runoff 134.260 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 1	15.00	268.46	141				

YOM RIVER BASIN

Mae Yom River at Ban Don Rabiang, Sukhothai (Y.14)

Location: Lat. 17°-35'-42" N., Long. 99°-43'-08" E., on left bank about 50 meters from highway No. 101 (Si Satchanalai - Den Chai) at kilometer marker 44, Amphoe Si Satchanalai, Sukhothai.

Drainage Area: 12,131 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 65.10 m. (M.S.L.)

Bench Mark: B.M. - H.S. No.1

Location: infront of the camp of station Y.14
Elevation: + 77.575 m. (M.S.L.)

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: 1964 to date.

Rating Operation:

Period of Rating: 1964 to date.
Rated by Float: -
Rated by Current Meter: 1964 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

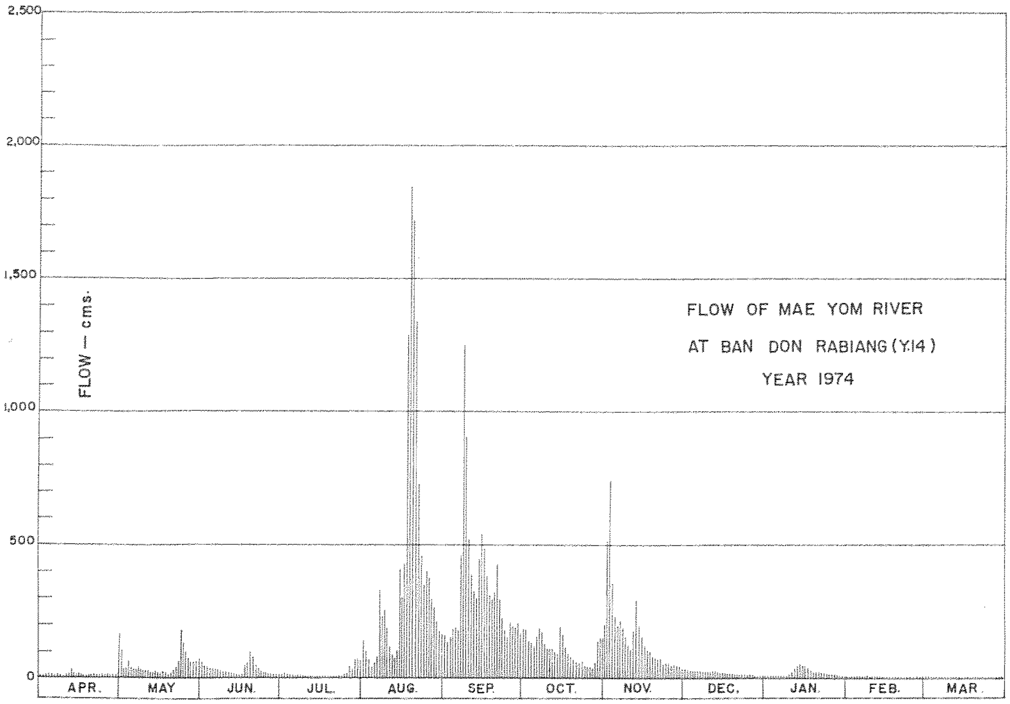
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 29 discharge measurements made in 1974. Flow diverted for irrigation of about 24,000 hectares at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	65.88	67.89	66.81	66.16	67.72	67.91	68.10	68.22	66.59	66.08	66.05	65.88
2	.89	66.47	.65	.19	.35	.65	.08	70.11	.50	.06	.04	.91
3	.99	.52	.58	.14	66.91	.80	67.70	71.12	.48	.06	.04	.90
4	66.02	.89	.53	.09	.65	68.03	.65	69.23	.47	.06	.03	.90
5	65.97	.55	.51	.05	.83	.13	.51	68.40	.46	.05	.02	.90
6	65.98	66.41	66.46	66.04	67.15	68.04	67.87	68.16	66.43	66.05	66.02	65.89
7	66.00	.45	.45	.03	69.07	69.85	68.11	.29	.42	.08	.01	.88
8	65.96	.55	.35	.03	68.41	72.99	67.99	.05	.41	.09	.00	.87
9	.93	.40	.24	.04	.55	71.79	.63	67.76	.40	.11	65.99	.86
10	.92	.34	.23	.04	.06	70.22	.44	.54	.39	.15	.97	.85
11	66.00	66.28	66.24	66.03	67.47	69.41	67.45	67.39	66.39	66.29	65.96	65.85
12	.43	.22	.19	.03	.17	.06	.45	68.01	.44	.53	.95	.84
13	.15	.20	.16	65.99	.09	68.89	.31	.83	.39	.71	.95	.83
14	.03	.25	.08	.95	.41	69.74	.24	.17	.35	.81	.95	.82
15	.14	.21	.06	.95	69.54	70.24	68.12	67.79	.31	.71	.94	.82
16	66.07	66.17	66.11	65.95	68.90	69.95	67.92	67.52	66.30	66.68	65.93	65.82
17	.01	.30	.69	.95	69.65	.39	.45	.34	.27	.62	.91	.81
18	65.98	.19	67.15	.93	73.12	68.95	.21	.23	.23	.41	.91	.81
19	66.02	.06	.30	.91	74.82	.85	.06	.14	.22	.39	.91	.81
20	.06	.01	.08	.89	.47	69.01	66.96	.06	.20	.35	.90	.81
21	66.02	66.32	66.74	65.89	73.29	69.63	66.88	67.00	66.20	66.35	65.90	65.80
22	65.99	.56	.51	.89	71.07	68.85	.82	.04	.20	.32	.90	.80
23	66.03	.80	.39	.90	69.79	.41	.90	66.84	.18	.28	.90	.80
24	.03	67.99	.30	.98	.22	.07	.77	.85	.16	.26	.90	.79
25	65.96	.61	.24	66.22	.50	67.80	.67	.87	.15	.21	.90	.79
26	65.97	67.24	66.20	66.14	69.37	68.24	66.63	66.75	66.13	66.19	65.90	65.79
27	.99	.01	.20	.32	68.84	.15	.57	.75	.12	.16	.89	.79
28	.99	66.84	.12	.49	.65	.12	.80	.77	.11	.14	.88	.79
29	.96	.90	.15	.96	.32	.28	67.70	.74	.10	.11	-	.79
30	66.29	.85	.14	67.00	.04	67.92	.81	.57	.10	.08	-	.78
31	-	.98	-	66.89	67.92	-	.80	-	.09	.07	-	.78
Mean	66.02	66.63	66.41	66.13	69.04	68.98	67.41	67.72	66.30	66.27	65.95	65.83
Max.	66.43	67.99	67.30	67.00	74.82	72.99	68.11	71.12	66.59	66.81	66.05	65.91
Min.	65.88	66.01	66.06	65.89	66.65	67.65	66.57	66.57	66.09	66.05	65.88	65.78

WATER YEAR 1974 : Max. 74.82 m. Min. 65.78 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.40	163	57	17	142	165	189	204	40	13	12	7.40
2	7.70	33	44	18	103	134	186	518	35	16	12	8.30
3	11	36	40	16	65	152	140	738	34	13	12	8.00
4	12	63	37	14	44	186	134	357	33	13	12	8.00
5	10	38	36	12	58	193	119	229	33	12	12	8.00
6	10	30	33	12	84	181	160	197	31	12	12	7.70
7	11	32	32	12	331	467	190	214	30	13	11	7.40
8	9.80	38	26	12	230	1,249	175	182	30	14	11	7.10
9	8.90	29	21	12	251	909	132	147	29	14	11	6.80
10	8.60	26	20	12	184	540	112	122	28	16	10	6.50
11	11	23	21	12	115	388	113	107	28	23	9.80	6.50
12	31	20	18	12	86	330	113	177	31	37	9.50	6.20
13	16	19	17	11	79	302	99	293	28	49	9.50	5.90
14	12	21	13	9.50	109	447	93	198	26	57	9.50	5.60
15	16	19	13	9.50	410	544	192	151	24	49	9.20	5.60
16	13	17	14	9.50	304	486	166	120	24	47	8.90	5.60
17	11	24	47	9.50	430	384	113	102	22	42	8.30	5.60
18	10	18	84	8.90	1,288	312	90	92	20	30	8.30	5.60
19	12	13	98	8.30	1,847	296	77	84	20	28	8.30	5.60
20	13	11	78	7.70	1,720	322	69	77	19	26	8.00	5.60
21	12	25	51	7.70	1,339	426	62	72	19	26	8.00	5.00
22	11	39	36	7.70	726	296	56	75	19	25	8.00	5.00
23	12	56	28	8.00	456	230	64	59	18	23	8.00	5.00
24	12	175	24	10	355	185	54	60	17	22	8.00	4.70
25	9.80	130	21	20	403	152	46	62	16	19	8.00	4.70
26	10	93	19	16	381	207	43	52	15	18	8.00	4.70
27	11	73	19	45	295	195	39	52	15	17	7.70	4.70
28	11	59	15	34	266	192	56	54	14	16	7.40	4.70
29	9.80	64	16	69	219	212	140	51	14	14	–	4.70
30	23	60	16	72	181	166	153	39	14	13	–	4.40
31	–	70	–	63	166	–	152	–	14	13	–	4.40
Total	363	1,517	994	587.30	12,694	10,248	3,529	4,885	740	727	267.40	185.00
Mean	12.1	48.9	33.1	18.9	409	341	113	162	23.8	23.4	9.55	5.97
Max.	31	175	98	72	1,847	1,249	190	738	40	57	12	8.30
Min.	7.40	11	13	7.70	44	134	39	39	14	12	7.40	4.40
Runoff - mcm.	31.363	131.069	85.882	50.743	1,096.762	885.427	304.906	422.064	63.936	62.813	23.103	15.984

WATER YEAR 1974 : Max. 1,847 Min. 4.40 Mean 100 Annual Runoff 3,174.051 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19, 74	21.00	74.86	1,862				

YOM RIVER BASIN

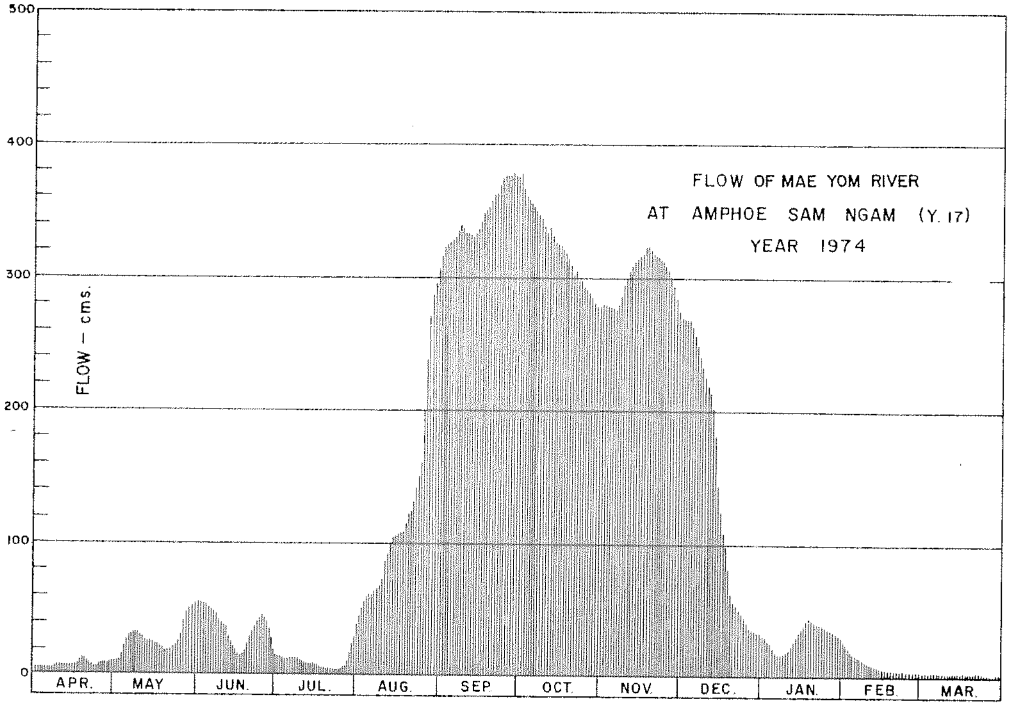
Mae Yom River at Amphoe Sam Ngam, Phichit (Y.17)

Location:	Lat. 16°-30'-50" N., Long. 100°-12'-40" E., on left bank infront of Amphoe Sam Ngam, Phichit.
Drainage Area:	21,415 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 31.490 m. (M.S.L.)
Bench Mark:	B.M. - RID Y17
Location:	about 6 meters downstream from the gage site.
Elevation:	+ 37.838 m. (M.S.L.)
Gage Reading Frequency:	5-7 time daily readings at 01.00, 06.00, 09.00, 12.00, 15.00, 18.00 and 24.00 hours
Basis of Mean Daily Gage Height:	Arithmetic mean of 5-7 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967
Rated by Float:	-
Rated by Current Meter:	1967
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 36.92 m. (M.S.L.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 87 discharge measurements made in 1967. Upstream state diversions for irrigation of about 24,000 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	32.13	32.31	33.31	32.46	33.06	36.65	37.01	36.35	36.27	32.83	32.71	32.04
2	.14	.31	.31	.42	.19	.70	36.97	.35	.26	.78	.66	.03
3	.13	.36	.30	.41	.28	.72	.94	.34	.25	.73	.59	.00
4	.13	.48	.28	.40	.39	.73	.92	.33	.24	.68	.51	31.99
5	.12	.66	.25	.40	.42	.74	.91	.32	.21	.61	.49	.98
6	32.11	32.80	33.22	32.39	33.41	36.76	36.89	36.31	36.15	32.51	32.46	31.98
7	.12	.84	.17	.40	.45	.78	.87	.34	.07	.49	.40	.98
8	.15	.85	.12	.40	.49	.81	.85	.40	35.98	.48	.34	.98
9	.19	.85	.08	.41	.52	.81	.84	.49	.88	.50	.31	.97
10	.19	.81	.00	.36	.58	.78	.81	.51	.78	.54	.29	.97
11	32.19	32.79	32.98	32.30	33.74	36.78	36.78	36.57	35.73	32.58	32.26	31.97
12	.18	.75	.94	.29	.93	.77	.80	.61	.68	.64	.23	.97
13	.18	.70	.76	.28	34.06	.76	.78	.64	.56	.70	.20	.97
14	.19	.69	.68	.27	.14	.77	.75	.65	.23	.80	.19	.98
15	.20	.70	.57	.27	.17	.79	.73	.66	34.78	.87	.16	.99
16	32.22	32.66	32.49	32.26	34.20	36.82	36.72	36.68	34.46	32.95	32.15	31.99
17	.26	.65	.46	.22	.21	.86	.70	.71	.27	33.01	.14	32.00
18	.31	.62	.46	.19	.20	.88	.69	.72	.11	.07	.13	31.99
19	.38	.58	.50	.17	.27	.89	.67	.70	33.82	.08	.12	32.00
20	.34	.53	.58	.16	.41	.91	.62	.68	.46	.05	.11	31.99
21	32.29	32.52	32.76	32.15	34.46	36.93	36.56	36.67	33.34	33.02	32.10	32.00
22	.23	.55	.90	.15	.58	.94	.58	.66	.27	.00	.09	.01
23	.18	.59	.97	.14	.67	.97	.53	.65	.21	32.98	.08	31.99
24	.17	.65	33.03	.13	.80	.99	.51	.64	.15	.96	.08	.98
25	.21	.73	.10	.12	.94	37.00	.48	.61	.08	.94	.07	.94
26	32.29	32.81	33.11	32.17	35.35	37.00	36.46	36.58	33.00	32.91	32.07	31.89
27	.29	33.03	.07	.22	.91	.00	.43	.54	32.93	.89	.06	.88
28	.26	.13	32.98	.30	36.23	.01	.42	.49	.89	.87	.06	.89
29	.28	.21	.82	.51	.42	.00	.38	.43	.88	.84	-	.94
30	.30	.27	.54	.72	.49	36.99	.34	.31	.87	.81	-	.98
31	-	.29	-	.91	.58	-	.33	-	.85	.77	-	.97
Mean	32.21	32.73	32.92	32.32	34.37	36.85	36.69	36.53	34.57	32.80	32.25	31.97
Max.	32.38	33.29	33.31	32.91	36.58	37.01	37.01	36.72	36.27	33.08	32.71	32.04
Min.	32.11	32.52	32.46	32.12	33.06	36.65	36.33	36.31	32.85	32.48	32.06	31.88

WATER YEAR 1974 : Max. 37.01 m. Min. 31.88 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.94	11	55	16	43	314	378	279	270	32	26	3.90
2	6.20	11	55	15	49	321	369	279	269	29	24	3.70
3	5.94	13	55	14	54	324	363	278	268	27	21	3.10
4	5.94	17	54	14	60	325	359	277	268	25	18	2.90
5	5.68	24	52	14	61	327	357	276	265	22	17	2.73
6	5.42	30	51	13	61	330	353	275	259	18	16	2.73
7	5.68	32	48	14	63	333	349	278	252	17	14	2.73
8	6.46	33	46	14	65	339	346	284	244	17	12	2.73
9	7.50	33	44	14	67	337	344	294	235	18	11	2.56
10	7.50	31	40	13	70	333	339	297	226	19	10	2.56
11	7.50	30	39	11	79	333	333	304	222	21	9.60	2.56
12	7.24	28	37	10	90	332	337	309	217	23	8.70	2.56
13	7.24	26	29	10	98	330	333	312	207	26	7.80	2.56
14	7.50	25	25	9.90	103	332	329	314	181	30	7.50	2.73
15	7.80	26	21	9.90	105	335	325	315	147	34	6.72	2.90
16	8.40	24	17	9.60	107	340	324	318	124	37	6.46	2.90
17	9.60	24	16	8.40	108	348	321	322	112	40	6.20	3.10
18	11	23	16	7.50	107	351	319	324	101	43	5.94	2.90
19	13	21	18	6.98	112	352	316	321	83	44	5.68	3.10
20	12	19	21	6.72	121	357	310	318	63	42	5.42	2.90
21	10	19	29	6.46	124	361	302	316	56	41	5.16	3.10
22	8.70	20	35	6.46	133	363	305	315	53	40	4.90	3.30
23	7.24	21	38	6.20	139	369	299	314	50	39	4.70	2.90
24	6.98	24	41	5.94	149	374	297	312	47	38	4.70	2.73
25	8.10	27	45	5.68	159	376	293	309	44	37	4.50	2.05
26	10	31	45	6.98	190	376	291	305	40	35	4.50	1.20
27	10	41	43	8.40	237	376	288	300	36	35	4.30	1.08
28	9.60	46	39	11	267	378	286	294	35	34	4.30	1.20
29	10	50	31	18	286	376	282	288	34	32	–	2.05
30	11	53	19	27	294	374	278	275	34	31	–	2.73
31	–	54	–	35	305	–	277	–	33	29	–	2.56
Total	245.17	867	1,104	368.12	3,906	10,416	10,002	9,002	4,475	955	276.08	82.75
Mean	8.17	28.0	36.8	11.9	126	347	323	300	144	30.8	9.86	2.67
Max.	13	54	55	35	305	378	378	324	270	44	26	3.90
Min.	5.42	19	16	5.68	43	314	277	275	33	17	4.30	1.08
Runoff – MCM.	21.182	74.909	95.386	31.805	337.478	899.942	864.173	777.773	386.640	82.512	23.853	7.150

WATER YEAR 1974 : Max. 378 Min. 1.08 Mean 114 Annual Runoff 3,602.803 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.27	18.00	37.01	378				

YOM RIVER BASIN

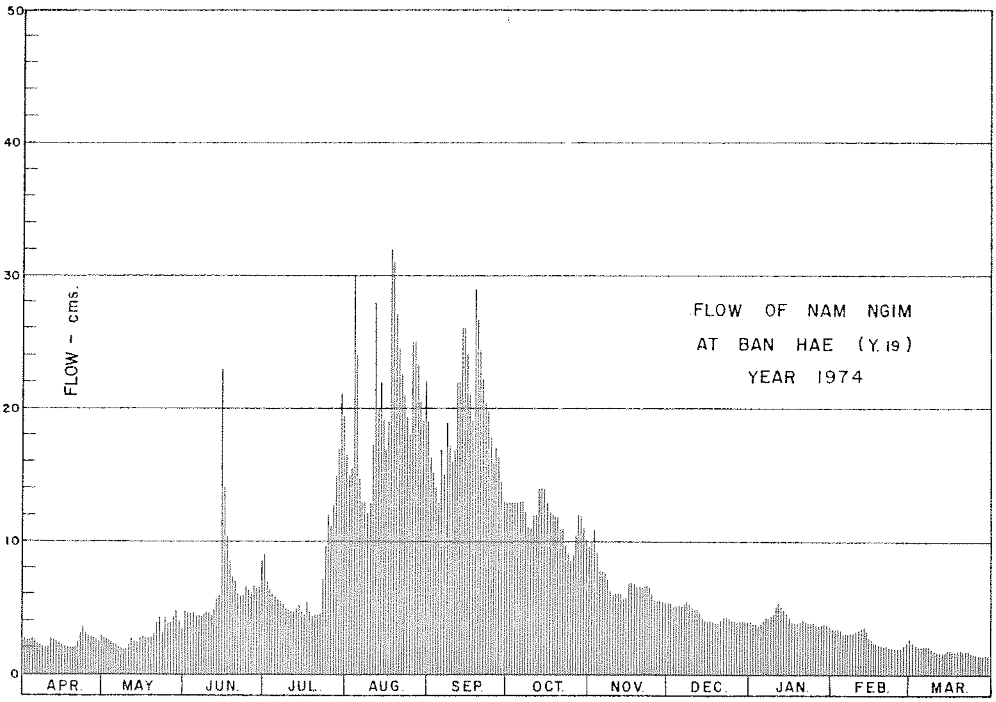
Nam Ngim at Ban Hae, Chiang Rai (Y.19)

Location:	Lat. 19°-18'-10" N., Long. 100°-23'-35" E., on left bank about 200 meters downstream from confluence with Huai Nam Kha and about 300 meters upstream from Ban Hae weir, Amphoe Pong, Chiang Rai.
Drainage Area:	155 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 346.316 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 350.401 m. (M.S.L.)
Gage Reading Frequency:	Recording.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1968-1971.
Rated by Float:	-
Rated by Current Meter:	1968-1971.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 173 discharge measurements made in 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	347.02	347.03	347.14	347.30	347.49	347.55	347.41	347.32	347.17	347.10	347.07	347.02
2	.01	.02	.14	.26	.48	.51	.41	.33	.17	.10	.07	.00
3	.03	.02	.13	.21	.49	.48	.41	.35	.16	.09	.07	346.99
4	.03	.01	.14	.20	.76	.45	.41	.29	.16	.08	.06	.98
5	.02	.00	.13	.19	.52	.43	.42	.26	.16	.08	.05	.98
6	347.00	346.99	347.12	347.18	347.45	347.53	347.43	347.26	347.16	347.11	347.05	346.98
7	346.99	.98	.12	.18	.43	.46	.42	.26	.16	.12	.05	.98
8	.96	.96	.13	.16	.41	.56	.39	.23	.18	.12	.05	.97
9	.96	.95	.14	.15	.38	.52	.37	.20	.17	.12	.05	.96
10	347.01	.96	.13	.14	.42	.50	.37	.20	.15	.14	.06	.95
11	347.03	347.01	347.12	347.14	347.54	347.51	347.39	347.20	347.15	347.16	347.07	346.94
12	.01	.03	.15	.13	.74	.63	.40	.21	.15	.17	.08	.94
13	.01	.01	.19	.15	.59	.62	.44	.20	.13	.15	.08	.93
14	346.99	346.99	.19	.16	.63	.70	.45	.19	.11	.14	.05	.93
15	.98	347.04	.65	.14	.54	.70	.44	.19	.11	.13	.02	.96
16	346.97	347.04	347.45	347.12	347.52	347.64	347.42	347.21	347.11	347.11	347.02	346.95
17	.97	.03	.33	.17	.59	.60	.42	.23	.11	.10	.00	.94
18	.97	.02	.28	.14	.80	.57	.40	.23	.11	.10	.00	.95
19	.97	.02	.24	.12	.78	.75	.39	.22	.10	.10	346.99	.97
20	.97	.04	.23	.12	.71	.70	.38	.22	.10	.11	.99	.94
21	347.00	347.10	347.20	347.12	347.67	347.67	347.36	347.22	347.11	347.11	346.99	346.94
22	.06	.12	.19	.12	.64	.60	.35	.22	.12	.10	.98	.95
23	.08	.05	.19	.24	.61	.56	.34	.22	.12	.10	.97	.93
24	.05	.09	.22	.33	.56	.56	.31	.21	.12	.10	.96	.93
25	.04	.11	.21	.38	.54	.53	.28	.18	.11	.10	.96	.92
26	347.03	347.09	347.20	347.36	347.68	347.50	347.30	347.18	347.11	347.09	346.96	346.92
27	.03	.10	.22	.39	.68	.51	.36	.18	.11	.09	.96	.92
28	.02	.14	.22	.49	.64	.49	.38	.18	.11	.09	.95	.91
29	346.99	.11	.21	.53	.59	.45	.38	.17	.11	.10	-	.91
30	347.04	.09	.28	.60	.57	.43	.36	.17	.11	.09	-	.91
31	-	.07	-	.57	.63	-	.34	-	.11	.08	-	.91
Mean	347.01	347.04	347.21	347.24	347.58	347.56	347.38	347.22	347.13	347.11	347.02	346.95
Max.	347.08	347.14	347.65	347.60	347.80	347.75	347.45	347.35	347.18	347.17	347.08	347.02
Min.	346.96	346.95	347.12	347.12	347.38	347.43	347.28	347.17	347.10	347.08	346.95	346.91

WATER YEAR 1974 : Max. 347.80 m. Min. 346.91 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.62	2.78	4.78	9.00	16	18	13	9.68	5.44	3.90	3.42	2.62
2	2.46	2.62	4.78	7.84	15	17	13	10	5.44	3.90	3.42	2.30
3	2.78	2.62	4.56	6.39	16	15	13	11	5.22	3.74	3.42	2.20
4	2.78	2.46	4.78	6.10	30	14	13	8.71	5.22	3.58	3.26	2.10
5	2.62	2.30	4.56	5.88	17	13	13	7.84	5.22	3.58	3.10	2.10
6	2.30	2.20	4.34	5.66	14	17	13	7.84	5.22	4.12	3.10	2.10
7	2.20	2.10	4.34	5.66	13	15	13	7.84	5.22	4.34	3.10	2.10
8	1.90	1.90	4.56	5.22	13	19	12	6.97	5.66	4.34	3.10	2.00
9	1.90	1.80	4.78	5.00	12	17	11	6.10	5.44	4.34	3.10	1.90
10	2.46	1.90	4.56	4.78	13	16	11	6.10	5.00	4.78	3.26	1.80
11	2.78	2.46	4.34	4.78	18	17	12	6.10	5.00	5.22	3.42	1.70
12	2.46	2.78	5.00	4.56	28	22	12	6.39	5.00	5.44	3.58	1.70
13	2.46	2.46	5.88	5.00	20	22	14	6.10	4.56	5.00	3.58	1.60
14	2.20	2.20	5.88	5.22	22	26	14	5.88	4.12	4.78	3.10	1.60
15	2.10	2.94	23	4.78	18	26	14	5.88	4.12	4.56	2.62	1.90
16	2.00	2.94	14	4.34	17	23	13	6.39	4.12	4.12	2.62	1.80
17	2.00	2.78	10	5.44	20	21	13	6.77	4.12	3.90	2.30	1.70
18	2.00	2.62	8.42	4.78	32	19	12	6.97	4.12	3.90	2.30	1.80
19	2.00	2.62	7.26	4.34	31	29	12	6.68	3.90	3.90	2.20	2.00
20	2.00	2.94	6.97	4.34	27	26	12	6.68	3.90	4.12	2.20	1.70
21	2.30	3.90	6.10	4.34	24	24	11	6.68	4.12	4.12	2.20	1.70
22	3.25	4.34	5.88	4.34	23	21	11	6.68	4.34	3.90	2.10	1.80
23	3.58	3.10	5.88	7.26	21	19	10	6.68	4.34	3.90	2.00	1.60
24	3.10	3.74	6.68	10	19	19	9.34	6.39	4.34	3.90	1.90	1.60
25	2.94	4.12	6.39	12	18	17	8.42	5.66	4.12	3.90	1.90	1.50
26	2.78	3.74	6.10	11	25	16	9.00	5.66	4.12	3.74	1.90	1.50
27	2.78	3.90	6.68	12	25	17	11	5.66	4.12	3.74	1.90	1.50
28	2.62	4.78	6.68	16	23	16	12	5.66	4.12	3.74	1.90	1.40
29	2.20	4.12	6.39	17	20	14	12	5.44	4.12	3.90	–	1.40
30	2.94	3.74	8.42	21	19	13	11	5.44	4.12	3.74	–	1.40
31	–	3.42	–	19	22	–	10	–	4.12	3.58	–	1.40
Total	74.52	92.32	201.99	243.05	631	568	367.76	206.07	141.02	127.72	76.00	55.52
Mean	2.48	2.98	6.73	7.84	20.3	18.9	11.9	6.87	4.58	4.12	2.71	1.79
Max.	3.58	4.78	23	21	32	29	14	11	5.66	5.44	3.58	2.62
Min.	1.90	1.80	4.34	4.34	12	13	8.42	5.44	3.90	3.58	1.90	1.40
Runoff - mcm.	6.438	7.976	17.452	20.999	54.518	49.075	31.774	17.804	12.270	11.035	6.566	4.797

WATER YEAR 1974 : Max. 32 Min. 1.40 Mean 7.63 Annual Runoff 240.708 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	03.00	347.82	34				

YOM RIVER BASIN

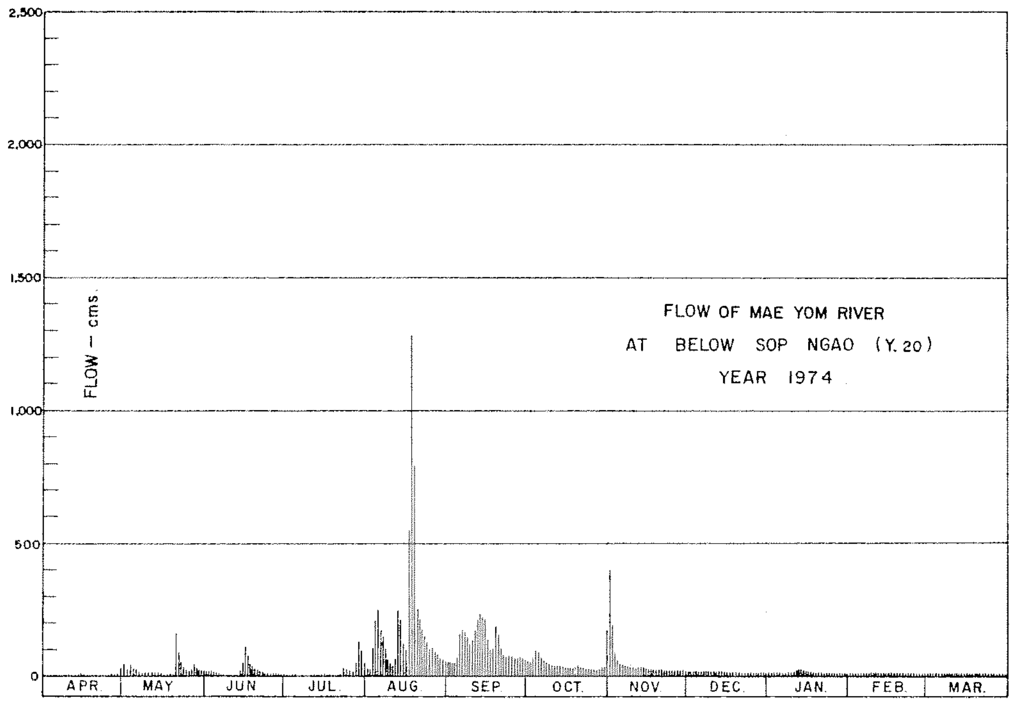
Mae Yom River at Below Sop Ngao, Phrae (Y.20)

Location:	Lat. 18°-35'-03" N., Long. 100°-09'-17" E., on left bank at below Sop Ngao about 1 kilometer, Tambon Tow Poon, Amphoe Song, Phrae.
Drainage Area:	5,410 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 180.976 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the automatic gage building.
Elevation:	+ 193.552 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1971 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 265 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	181.72	182.78	182.07	181.92	182.52	182.82	182.78	185.44	182.22	182.08	182.03	181.95
2	.69	.22	.08	.87	.37	.80	.86	184.67	.22	.07	.02	.95
3	.74	.05	.19	.86	.23	.77	.82	183.37	.21	.07	.02	.95
4	.68	.60	.16	.87	184.29	.74	183.38	182.88	.20	.07	.03	.96
5	.66	.26	.05	.81	.64	.72	.33	.71	.19	.07	.03	.96
6	181.64	182.20	181.95	181.79	183.52	184.66	183.14	182.63	182.19	182.08	182.02	181.96
7	.63	.04	.89	.79	184.07	.83	182.86	.58	.18	.12	.01	.96
8	.65	181.90	.85	.78	183.47	.78	.78	.55	.28	.14	.01	.95
9	.62	.94	.81	.73	182.91	183.81	.72	.50	.26	.15	.00	.95
10	.61	.95	.80	.70	.64	.56	.65	.47	.23	.16	.00	.95
11	181.72	182.04	181.78	181.67	182.58	183.84	182.62	182.49	182.21	182.21	182.00	181.94
12	.85	181.94	.81	.65	.79	184.31	.62	.49	.19	.34	181.98	.93
13	.91	.95	.82	.64	184.65	.55	.60	.46	.18	.38	.97	.93
14	.99	.95	.97	.64	.36	.47	.56	.44	.17	.29	.96	.93
15	.90	.95	182.81	.63	183.63	.45	.52	.41	.16	.22	.96	.92
16	181.81	181.88	183.53	181.62	183.35	183.86	182.50	182.38	182.15	182.19	181.95	181.92
17	.74	.86	.24	.63	185.08	.44	.47	.36	.14	.16	.95	.91
18	.69	.92	182.69	.63	188.44	.28	.46	.35	.13	.14	.95	.91
19	.66	.90	.42	.63	186.39	184.28	.50	.33	.13	.13	.95	.91
20	.63	182.16	.25	.64	184.79	.11	.70	.33	.12	.13	.96	.91
21	181.60	183.96	183.14	181.67	184.61	183.63	182.51	182.31	182.11	182.12	181.95	181.91
22	.59	.25	.08	.70	.15	.21	.43	.29	.11	.11	.95	.91
23	.57	182.77	.02	182.07	183.95	.02	.39	.28	.10	.10	.94	.91
24	.73	.39	181.94	.52	.63	.15	.37	.27	.10	.08	.95	.91
25	.80	.23	.90	.23	.39	.11	.35	.26	.10	.08	.97	.91
26	181.86	182.24	181.88	182.12	183.53	182.97	182.34	182.26	182.10	182.06	181.96	181.91
27	.89	.36	.84	.04	.32	.99	.35	.25	.09	.06	.96	.91
28	.79	.73	.81	.31	.13	183.04	.40	.24	.09	.05	.95	.90
29	.71	.38	.81	183.49	.02	.08	.52	.24	.08	.04	-	.90
30	182.62	.20	.91	.64	182.91	182.86	.53	.23	.08	.04	-	.90
31	-	.22	-	182.80	.83	-	.51	-	-	.03	-	.89
Mean	181.76	182.26	182.12	181.97	183.78	183.57	182.63	182.61	182.15	182.13	181.98	181.93
Max.	182.62	183.96	183.53	183.64	188.44	184.83	183.38	185.44	182.28	182.38	182.03	181.96
Min.	181.57	181.86	181.78	181.62	182.23	182.72	182.34	182.23	182.08	182.03	181.95	181.89

WATER YEAR 1974 : Max. 188.44 m. Min. 181.57 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.40	53	16	11	36	55	53	397	16	9.20	7.20	4.50
2	4.80	22	15	9.10	28	54	58	250	16	8.80	6.80	4.50
3	5.80	15	17	8.80	22	52	55	98	15	8.80	6.80	4.50
4	4.60	41	19	9.10	197	50	99	60	14	8.80	7.20	4.80
5	4.20	23	15	7.30	246	48	95	48	14	8.80	7.20	4.80
6	3.80	21	11	6.80	112	249	79	43	14	9.20	6.80	4.80
7	3.60	15	9.70	6.80	170	276	58	40	14	11	6.40	4.80
8	4.00	10	8.50	6.60	107	268	53	38	19	12	6.40	4.50
9	3.40	11	7.30	5.60	62	141	48	35	18	12	6.00	4.50
10	3.20	11	7.00	5.00	43	116	44	33	16	13	6.00	4.50
11	5.40	15	6.60	4.40	40	144	42	34	15	15	6.00	4.20
12	8.50	11	7.30	4.00	53	199	42	34	14	23	5.40	3.90
13	10	11	9.60	3.80	247	233	41	32	14	26	5.10	3.90
14	13	11	12	3.80	206	222	39	30	13	19	4.80	3.90
15	10	11	55	3.60	123	219	36	28	13	16	4.80	3.60
16	7.30	9.40	113	3.40	96	147	35	26	12	14	4.50	3.60
17	5.80	8.80	87	3.60	322	105	33	24	12	13	4.50	3.30
18	4.80	11	46	3.60	1,280	90	33	23	11	12	4.50	3.30
19	4.20	10	31	3.60	630	196	35	22	11	11	4.50	3.30
20	3.60	19	23	3.80	269	175	47	22	11	11	4.80	3.30
21	3.00	158	19	4.40	241	123	36	21	10	11	4.50	3.30
22	2.80	88	16	5.00	180	85	31	19	10	10	4.50	3.30
23	2.40	52	14	16	154	70	29	19	10	10	4.20	3.30
24	5.60	29	11	36	123	80	28	18	10	9.20	4.50	3.30
25	7.00	22	10	22	100	77	27	18	10	9.20	5.10	3.30
26	8.80	23	9.40	18	113	66	27	18	10	8.40	4.80	3.30
27	9.70	28	8.20	15	94	67	27	17	9.60	8.40	4.80	3.30
28	6.80	49	7.30	25	78	71	30	17	9.60	8.00	4.50	3.00
29	5.20	29	7.30	109	70	74	36	17	9.60	7.60	–	3.00
30	42	21	10	124	62	58	37	16	9.20	7.60	–	3.00
31	–	22	–	54	56	–	36	–	9.20	7.20	–	2.74
Total	208.70	860.20	627.20	542.10	5,560	3,810	1,369	1,497	389.20	358.20	152.60	117.34
Mean	6.96	27.7	20.9	17.5	179	127	44.2	49.9	12.5	11.5	5.45	3.78
Max.	42	158	113	124	1,280	276	99	397	74	29	14	12
Min.	2.40	8.80	6.60	3.40	22	48	27	16	9.20	7.20	4.50	2.74
Runoff - mcm.	18.032	74.321	54.190	46.837	480.384	329.184	118.282	129.341	33.627	30.948	13.185	10.138

WATER YEAR 1974 : Max. 1,280 Min. 240 Mean 42.4 Annual Runoff 1,338.469 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	12.00	189.19	1,569				

NAN RIVER BASIN

Nan River at Forestry Office, Nan (N.1)

Location: Lat. 18°-46'-23" N., Long. 100°-46'-51" E., on right bank infront of Forestry Office, Amphoe Muang, Nan.

Drainage Area: 4,609 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 192.18 m. (M.S.L.)

Bench Mark: B.M. - RID

Location: near the gage site.
Elevation: BM1 + 199.362 m. (M.S.L.), BM2 + 196.922 m. (M.S.L.)

Gage Reading Frequency: 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: 1922-1956, 1962 to date.

Rating Operation:

Period of Rating: 1954-1956
Rated by Float: -
Rated by Current Meter: 1954-56

Stability of Channel Regimes: Rather Unstable, no shifting adjustment for flow computation.

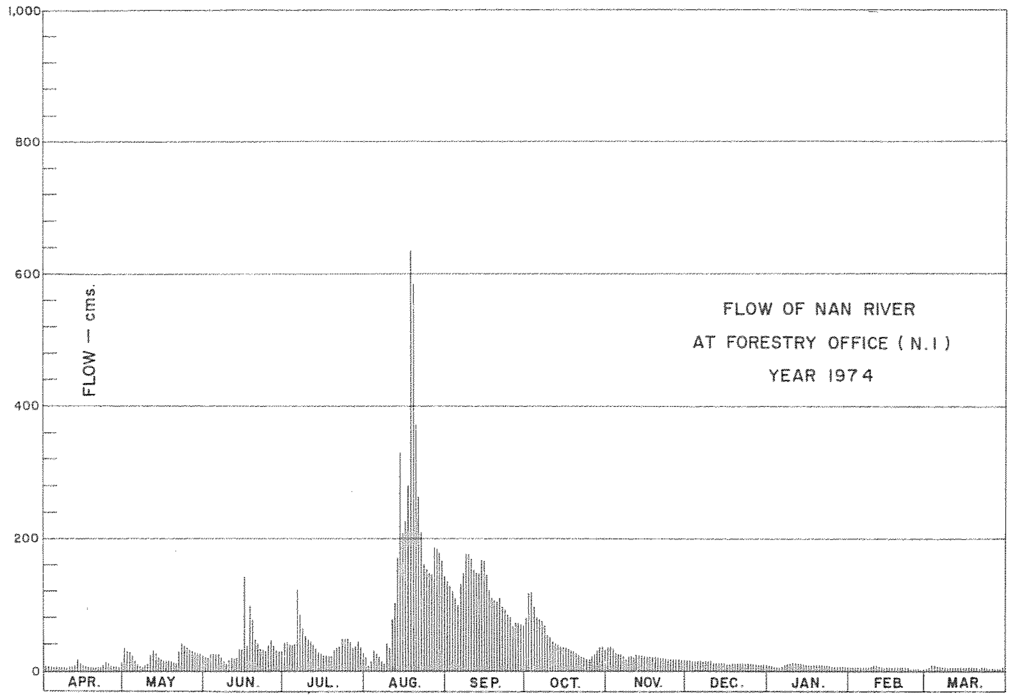
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 614 discharge measurements made during 1954-1956.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	192.87	193.48	193.30	193.60	193.31	194.47	194.02	193.55	193.25	193.08	192.98	192.73
2	.87	.45	.29	.61	.10	.41	.33	.56	.25	.05	.98	.86
3	.87	.41	.39	.58	.25	.36	.35	.53	.24	.03	.98	193.08
4	.86	.33	.39	.56	.48	.28	.16	.42	.24	.01	.97	.06
5	.86	.17	.37	.60	.44	.19	.03	.42	.24	.00	.97	.02
6	192.86	193.08	193.38	194.36	193.36	194.44	193.99	193.42	193.23	193.03	192.96	192.98
7	.86	.03	.30	.03	.26	.55	.97	.35	.23	.09	.97	.96
8	.86	.00	.16	193.86	.20	.73	.91	.29	.22	.10	.99	.94
9	.86	.04	.10	.73	.61	.73	.76	.35	.22	.11	193.05	.93
10	.93	.09	.23	.67	.48	.67	.72	.34	.21	.15	.05	.93
11	192.97	193.36	193.28	193.63	194.00	194.57	193.65	193.33	193.17	193.15	193.05	192.93
12	193.06	.46	.27	.57	.22	.55	.61	.40	.16	.15	.05	.93
13	.23	.39	.29	.47	.68	.54	.59	.39	.15	.13	.02	.93
14	.14	.28	.46	.42	195.54	.66	.56	.37	.15	.10	.01	.92
15	.05	.24	.92	.40	194.91	.66	.53	.36	.14	.08	.98	.92
16	193.01	193.22	194.49	193.36	195.02	194.52	193.54	193.34	193.14	193.06	192.95	192.92
17	192.98	.20	193.55	.34	.30	.36	.51	.33	.13	.07	.91	.92
18	.96	.20	194.16	.33	196.69	.28	.48	.32	.13	.07	.88	.92
19	.92	.18	193.96	.33	.54	.25	.45	.32	.13	.06	.88	.92
20	.88	.12	.67	.46	195.73	.24	.42	.31	.13	.06	.85	.91
21	192.87	193.12	193.56	193.54	195.21	194.28	193.37	193.30	193.13	193.05	192.84	192.88
22	.95	.44	.48	.56	194.93	.17	.33	.30	.12	.04	.84	.88
23	193.09	.57	.47	.68	.63	.13	.31	.29	.12	.04	.84	.86
24	.17	.53	.44	.71	.58	.06	.28	.28	.12	.04	.83	.85
25	.12	.49	.55	.71	.55	.01	.28	.28	.12	.03	.83	.83
26	192.98	193.46	193.65	193.65	194.54	193.90	193.36	193.27	193.12	193.03	192.83	192.82
27	193.02	.44	.55	.55	.78	.94	.42	.26	.11	.03	.83	.82
28	.01	.40	.45	.58	.77	.94	.50	.26	.11	.03	.82	.81
29	.00	.38	.44	.67	.74	.93	.55	.25	.11	.03	.82	.81
30	.18	.39	.45	.56	.66	.92	.56	.25	.11	.02	-	.85
31	-	.35	-	.44	.53	-	.51	-	.10	.01	-	.89
Mean	192.97	193.30	193.51	193.60	194.45	194.32	193.65	193.35	193.16	193.06	192.93	192.90
Max.	193.23	193.57	194.49	193.36	196.69	194.73	194.35	193.56	193.25	193.15	193.05	193.08
Min.	192.86	193.00	193.29	193.33	193.10	193.90	193.28	193.25	193.10	193.01	192.82	192.81

WATER YEAR 1974 : Max. 196.69 m. Min. 192.81 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.55	33	21	42	22	139	83	38	18	9.90	6.20	2.45
2	4.55	31	20	43	11	130	119	39	18	8.62	6.20	4.40
3	4.55	28	26	40	18	122	121	37	17	7.77	6.20	9.90
4	4.40	23	26	39	33	113	99	28	17	6.92	6.05	9.05
5	4.40	14	25	42	30	102	84	28	17	6.50	6.05	7.35
6	4.40	9.90	26	122	25	134	80	28	17	7.77	5.90	6.20
7	4.40	7.77	21	84	19	151	78	24	17	10	6.05	5.90
8	4.40	6.50	13	66	15	180	71	20	16	11	6.35	5.60
9	4.40	8.20	11	53	43	180	56	24	16	11	8.62	5.45
10	5.45	10	17	48	33	171	52	24	16	13	8.62	5.45
11	6.05	25	20	45	80	154	46	23	14	13	8.62	5.45
12	9.05	31	19	40	105	151	43	27	13	13	8.62	5.45
13	17	26	20	32	172	150	41	26	13	12	7.35	5.45
14	12	20	31	28	333	169	39	25	13	11	6.92	5.30
15	8.62	17	72	27	211	169	37	25	12	9.90	6.20	5.30
16	6.92	16	142	25	230	147	37	24	12	9.50	5.75	5.30
17	6.20	15	38	24	284	122	35	23	12	9.47	5.15	5.30
18	5.90	15	99	23	637	113	33	23	12	9.47	4.70	5.30
19	5.30	14	77	23	586	109	31	23	12	9.05	4.70	5.30
20	4.70	12	48	31	375	108	28	22	12	9.05	4.25	5.15
21	4.55	12	39	37	266	113	25	21	12	8.62	4.10	4.70
22	5.75	30	33	39	214	100	23	21	12	8.20	4.10	4.70
23	10	40	32	49	164	95	22	20	12	8.20	4.10	4.40
24	14	37	30	51	156	88	20	20	12	8.20	3.95	4.25
25	12	34	38	51	151	82	20	20	12	7.77	3.95	3.95
26	6.20	31	46	46	150	70	25	19	12	7.77	3.95	3.80
27	7.35	30	38	38	189	74	28	19	11	7.77	3.95	3.80
28	6.92	27	31	40	187	74	34	19	11	7.77	3.80	3.65
29	6.50	26	30	48	182	73	38	18	11	7.77	3.80	3.65
30	14	26	31	39	169	72	39	18	11	7.35	–	4.25
31	–	24	–	30	148	–	35	–	11	6.92	–	4.85
Total	214.51	679.37	1,120	1,345	5,238	3,655	1,522	726	421	283.81	164.20	161.05
Mean	7.15	21.9	37.3	43.4	169	122	49.1	24.2	13.6	9.15	5.66	5.19
Max.	17	40	142	122	637	180	121	39	18	13	8.62	9.90
Min.	4.40	6.50	20	23	11	70	20	18	11	6.92	3.80	3.65
Runoff – mcm.	18.534	58.698	96.768	116.208	452.563	315.792	131.501	62.726	36.374	24.521	14.187	13.915

WATER YEAR 1974 : Max. 637 Min. 3.65 Mean 58.6 Annual Runoff 1,341.787 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	19.00	197.10	778				

NAN RIVER BASIN

Nan River at Tha It, Uttaradit (N.2A)

Location: Lat. 17°-37'-58" N., Long. 100°-06'-07" E., on right bank downstream of Muang Uttaradit Kindergarten, Amphoe Muang, Uttaradit.

Drainage Area: 16,863 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 52.79 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: infront of Uttaradit kindergarten, north of railway station.
Elevation: + 52.154 m. (M.S.L.)

Gage Reading Frequency: 5-time daily readings on April 1 to September 23, and 16-time daily readings on September 24 - March 31.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 and 16 hourly readings.

Period of Available Gage Records: 1962 to date.

Rating Operation:

Period of Rating: 1962-1963, 1965-1974.
Rated by Float: -
Rated by Current Meter: 1962-1963, 1965-1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

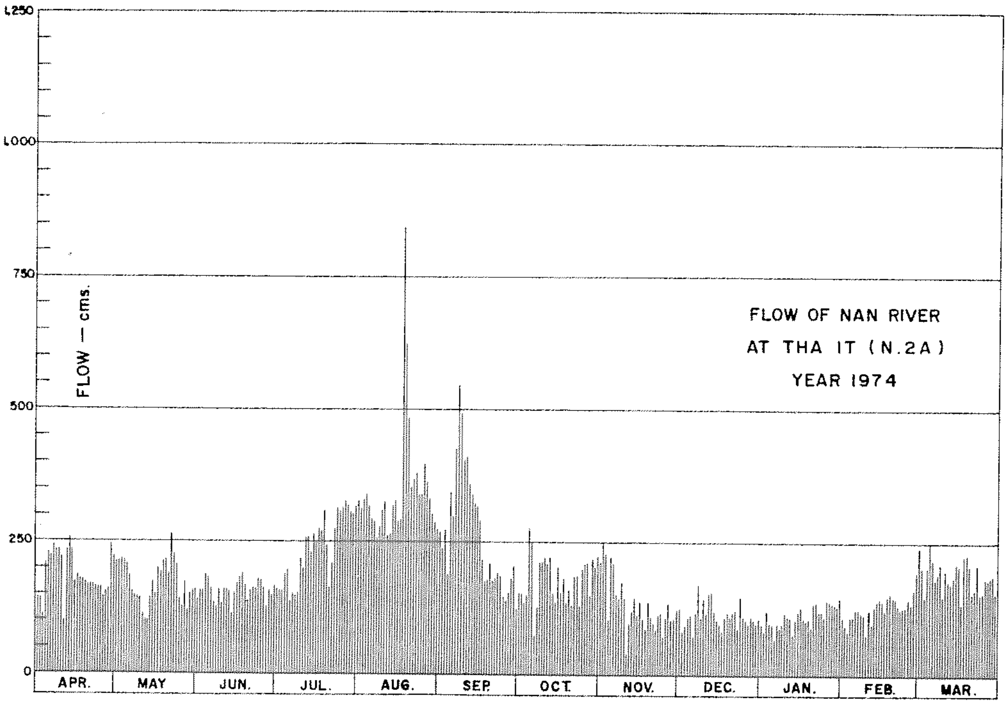
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 29 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	54.80	55.33	54.80	54.97	56.06	55.71	54.91	55.34	54.67	54.36	54.50	55.54
2	.79	.35	.93	.94	55.99	.54	.91	.59	.26	.26	.38	.26
3	.52	.37	.94	.94	56.07	.77	.76	.43	.36	.63	.26	54.84
4	55.29	.36	55.14	55.16	.14	.17	.87	54.47	.52	.41	.51	55.52
5	.43	.31	.12	.22	.01	56.16	55.76	55.40	.56	.39	.51	.59
6	55.41	55.15	54.95	54.77	56.17	55.90	55.60	55.32	54.15	54.12	54.65	55.36
7	.55	54.91	.75	.90	55.84	56.56	53.84	54.89	.61	.40	.66	.11
8	.48	.86	.67	.85	.65	57.05	54.69	.83	55.03	.31	.61	.21
9	.48	.84	.93	.90	.77	56.84	55.32	55.06	54.51	.41	.55	.31
10	.38	.84	.74	55.38	.97	.47	.35	54.81	.81	.58	.21	54.87
11	54.42	54.53	54.93	55.24	56.06	56.49	55.40	53.73	54.59	54.52	54.65	55.22
12	55.47	.44	.93	.63	55.66	.24	.32	54.39	.91	.51	.40	.08
13	.64	.44	.92	.64	.69	.15	.40	.65	.92	.20	.69	.06
14	.50	.82	.56	.46	56.01	.05	54.89	.85	.62	.48	.78	.16
15	.06	55.03	.91	.68	.08	.01	55.51	.55	.46	.62	.82	.31
16	55.14	54.87	55.04	55.58	55.84	55.85	55.26	54.77	54.40	54.69	54.78	55.29
17	.10	55.24	.12	.74	.86	.38	54.92	.49	.24	.50	.63	54.74
18	.10	.17	.19	.72	58.06	.08	55.11	.30	.50	.45	.84	55.42
19	.06	.33	.03	.95	57.32	.12	54.75	.77	.59	.49	.93	.43
20	.03	.35	54.77	.55	56.80	.33	.95	.53	.52	.33	.86	.28
21	55.02	55.16	54.94	54.99	56.21	55.08	54.71	54.42	54.61	54.74	54.80	54.92
22	.01	.65	.97	55.31	.29	.11	55.14	.29	.63	.76	.73	.99
23	54.99	.45	.96	.74	.35	.19	.16	.56	.32	.62	.66	55.31
24	.98	.30	55.09	.98	.14	.15	54.71	.59	.84	.63	.68	54.90
25	.97	54.81	.11	.95	.15	54.86	55.23	.14	.52	.52	.69	.92
26	54.83	54.68	54.98	56.02	56.43	54.79	55.32	54.51	54.47	54.80	54.80	55.12
27	.95	55.06	.68	.07	.25	.92	.32	.74	.42	.56	.76	.11
28	.96	54.63	.92	.02	.09	55.12	54.87	.45	.53	.52	.97	.15
29	55.57	.88	.87	55.95	55.91	.28	55.37	.49	.46	.74	-	.16
30	.41	.93	55.01	.92	.81	54.67	.28	.64	.40	.71	-	54.89
31	-	.95	-	56.02	.75	-	.41	-	54.50	.83	-	.89
Mean	55.14	55.03	54.93	55.49	56.14	55.63	55.16	54.70	54.55	54.52	54.65	55.16
Max.	55.64	55.65	55.19	56.07	58.06	57.05	55.76	55.59	55.03	54.83	54.97	55.59
Min.	54.42	54.44	54.56	54.77	55.65	54.67	53.84	53.73	54.15	54.12	54.21	54.74

WATER YEAR 1975 : Max. 58.06 m. Min. 53.73 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	142	212	142	162	327	270	155	214	126	94	108	242
2	141	215	158	159	314	242	155	250	84	84	96	202
3	110	218	159	159	329	279	137	226	94	122	84	147
4	207	216	186	188	341	190	150	105	110	99	109	239
5	226	209	183	197	318	345	278	222	114	97	109	250
6	223	187	160	138	347	300	252	211	74	72	124	216
7	244	155	136	154	290	427	50	153	119	98	125	181
8	233	149	126	148	260	547	129	146	170	89	119	195
9	233	147	158	154	279	494	211	174	109	99	113	209
10	219	147	135	219	311	407	215	143	143	116	79	150
11	100	111	158	200	327	412	222	42	117	110	124	197
12	232	102	158	257	262	360	211	97	155	109	98	177
13	258	102	156	258	266	343	222	124	156	78	129	174
14	236	144	114	230	318	325	153	148	120	106	140	188
15	174	170	155	265	330	318	238	113	104	120	144	209
16	186	150	172	249	290	292	202	138	98	129	140	207
17	180	200	183	274	294	219	156	107	82	108	122	135
18	180	190	193	271	841	177	181	88	108	103	147	225
19	174	212	170	308	622	183	136	138	117	107	158	226
20	170	215	138	244	484	212	160	111	110	91	149	205
21	169	188	159	165	354	177	131	100	119	135	142	156
22	167	260	162	209	370	181	186	87	122	137	134	165
23	165	229	161	274	382	193	188	114	90	120	125	209
24	164	208	179	313	341	187	131	117	147	122	128	154
25	162	143	181	308	343	149	198	73	110	110	129	156
26	146	128	164	320	399	141	211	109	105	142	142	183
27	160	174	128	329	362	156	211	135	100	114	137	181
28	161	122	156	320	332	183	150	103	111	110	162	187
29	247	152	150	308	302	205	218	107	104	135	–	188
30	223	158	167	303	286	126	205	123	98	131	–	153
31	–	160	–	320	276	–	223	–	108	146	–	153
Total	5,632	5,373	4,747	7,403	10,897	8,040	5,665	4,018	3,524	3,433	3,516	5,859
Mean	188	173	158	239	351	268	183	134	114	111	125	195
Max.	258	260	193	329	841	547	278	250	170	146	162	250
Min.	100	102	114	138	260	126	50	42	74	72	79	135
Runoff - mcm.	486.605	464.227	410.141	639.619	941.501	694.656	489.456	347.155	304.474	296.611	303.782	506.218

WATER YEAR 1974 : Max. 841 Min. 42 Mean 186 Annual Runoff 5,884.445 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	15.00	58.20	836				

NAN RIVER BASIN

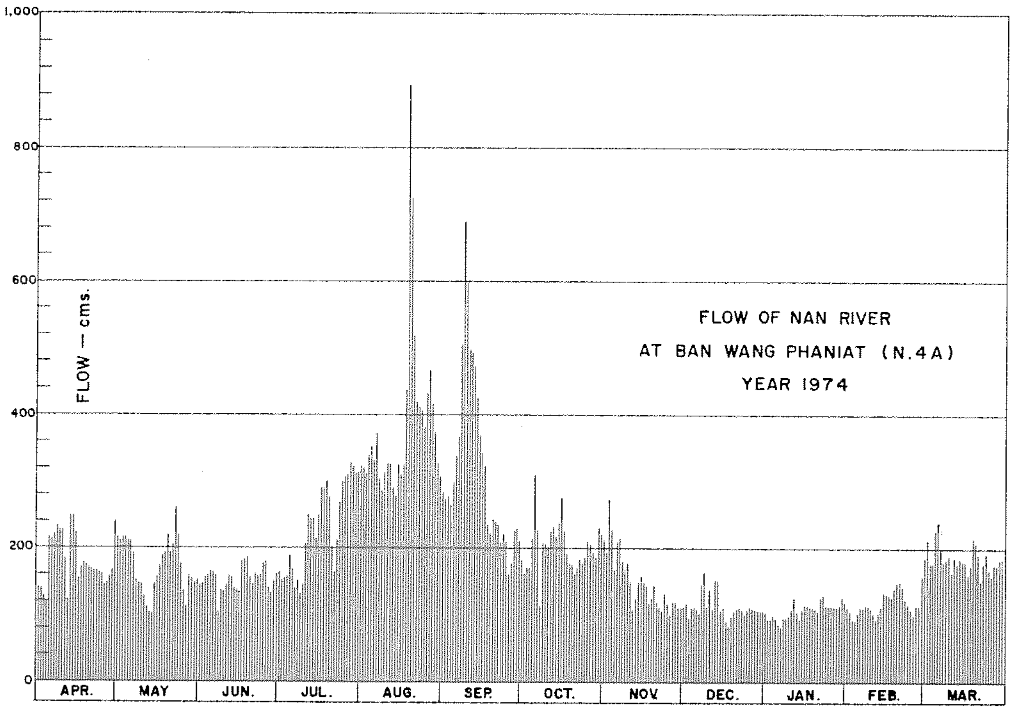
Nan River at Ban Wang Phaniat, Uttaradit (N.4A)

Location:	Lat. 17°-16'-20" N., Long. 100°-04'-52" E., on left bank about 2.5 kilometers downstream from Amphoe Phichai Office, Ban Wang Phaniat, Amphoe Phichai, Uttaradit.
Drainage Area:	19,384 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 44.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 53.327 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1974
Rated by Float:	-
Rated by Current Meter:	1974
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 28 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	46.22	46.74	46.25	46.39	47.38	47.14	46.52	46.73	45.99	45.92	45.96	46.56
2	.22	.70	.27	.31	.36	.09	.38	47.21	46.02	.81	.92	.74
3	.11	.74	.35	.33	.32	.12	.44	.09	45.84	.82	.82	.49
4	.02	.75	.36	.35	.47	.04	.45	46.82	.97	.86	.81	.49
5	.73	.71	.40	.57	.53	.23	.72	.43	.99	.83	.91	.81
6	46.72	46.70	46.39	46.43	47.42	47.46	47.30	46.70	45.95	45.75	45.97	46.89
7	.78	.59	.35	.21	.64	.59	46.82	.73	.91	.71	.97	.63
8	.85	.32	45.92	.30	.27	48.32	45.99	.50	46.27	.83	46.00	.51
9	.81	.27	46.18	.14	.17	49.19	46.68	.43	.39	.83	.00	.54
10	.82	.26	.17	.25	.32	48.76	.67	.49	45.99	.87	45.97	.56
11	46.50	46.12	46.24	46.67	47.40	48.28	46.65	46.29	46.19	45.98	45.88	46.40
12	.07	45.97	.35	.84	.40	.26	.80	45.95	45.96	46.10	.82	.54
13	.95	.90	.34	.92	.20	.15	.84	46.10	46.32	45.93	.92	.48
14	.92	.88	.20	.92	.12	47.92	.75	.29	.32	.82	46.00	.54
15	.79	46.26	.18	.73	.39	.62	.89	.36	45.94	.95	.16	.51
16	46.32	46.35	46.32	46.95	47.31	47.49	47.10	46.28	45.97	46.00	46.15	46.51
17	.43	.46	.51	47.19	.39	.38	46.81	.25	.80	.00	.13	.37
18	.48	.56	.52	.19	.98	46.87	.59	.03	.73	45.98	.11	.47
19	.46	.59	.54	.25	50.09	.79	.48	.10	.85	.97	.22	.74
20	.45	.76	.35	.11	49.35	.92	.48	.27	.92	.96	.30	.69
21	46.42	46.59	46.27	46.74	48.39	46.89	46.42	46.04	45.96	45.93	46.29	46.58
22	.41	.70	.38	.39	47.89	.87	.46	45.97	.98	46.10	.25	.35
23	.40	47.02	.35	.71	.85	.69	.53	.94	.95	.13	.08	.51
24	.38	46.76	.38	47.06	.82	.78	.48	46.15	.88	45.99	45.99	.58
25	.37	.47	.48	.24	.69	.69	.56	.02	.95	.99	.92	.42
26	46.25	46.17	46.50	47.28	47.95	46.37	46.70	45.86	45.98	45.99	45.87	46.36
27	.28	45.98	.21	.31	48.12	.49	.67	46.04	.96	.99	46.00	.47
28	.35	46.35	.16	.41	47.88	.81	.59	.03	.95	.97	.00	.46
29	.44	.33	.30	.39	.66	.83	.55	45.97	.94	.99		.52
30	.90	.23	46.37	.33	.44	.70	.83	.97	.93	46.11		.52
31		.31		.32	.28		.79		.92	.05		.40
Mean	46.49	46.44	46.32	46.81	47.69	47.32	46.64	46.30	45.99	45.94	46.01	46.37
Max.	46.95	47.02	46.54	47.41	50.09	49.19	47.30	47.21	46.39	46.13	46.29	46.89
Min.	46.02	45.88	45.92	46.14	47.12	46.37	45.99	45.86	45.73	45.71	45.81	46.35

WATER YEAR 1974 : Max. 50.09 m. Min. 45.71 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	141	216	145	164	323	282	183	214	114	106	111	189
2	141	210	147	152	320	273	162	294	117	94	106	216
3	128	216	158	155	313	278	171	273	97	95	95	178
4	117	217	159	158	340	265	172	228	112	100	94	178
5	214	211	165	190	351	297	213	169	114	96	105	227
6	213	210	164	169	331	338	309	210	109	87	112	239
7	222	193	158	140	372	362	228	214	105	83	112	199
8	233	154	106	151	304	505	114	180	147	96	115	181
9	227	147	137	132	287	689	207	169	164	96	115	186
10	228	146	135	145	313	597	205	178	114	101	112	189
11	180	129	144	205	327	497	202	150	138	113	102	165
12	123	112	158	231	327	493	225	109	111	127	95	186
13	249	104	157	244	292	471	231	127	154	107	106	177
14	249	102	139	244	278	425	217	150	154	95	115	186
15	223	146	137	214	325	368	239	159	108	109	134	181
16	154	158	154	249	311	345	275	149	112	115	133	181
17	169	174	181	290	325	323	227	145	93	115	131	161
18	177	189	183	290	437	236	193	119	85	113	128	175
19	174	193	186	300	893	223	177	127	98	112	141	216
20	172	219	158	277	724	244	177	147	106	111	151	208
21	168	193	147	216	519	239	163	120	111	107	150	192
22	166	210	162	164	419	236	174	112	113	127	145	153
23	165	261	158	211	411	208	184	108	109	131	125	181
24	162	219	162	268	406	222	177	133	102	114	114	192
25	161	175	177	299	381	208	189	117	109	114	106	168
26	145	135	180	306	431	161	210	100	113	114	101	159
27	149	113	140	311	465	178	205	120	111	114	115	175
28	158	158	134	329	417	227	193	119	109	112	115	174
29	171	155	151	325	375	230	187	112	108	114	–	183
30	241	149	161	314	334	210	230	112	107	128	–	183
31	–	152	–	313	306	–	223	–	106	121	–	165
Total	5,420	5,377	4,643	7,156	11,957	9,628	6,242	4,664	3,550	3,367	3,284	5,743
Mean	181	173	155	231	386	321	201	155	114	109	117	185
Max.	249	261	186	329	893	689	309	294	164	131	150	239
Min.	117	102	106	132	278	161	114	100	85	83	94	153
Runoff – mcm.	468.288	463.622	401.155	618.278	1,033.085	831.859	539.309	402.970	306.720	290.909	283.738	496.195

WATER YEAR 1974 : Max. 892 Min. 83 Mean 194 Annual Runoff 6,136.128 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	11.00	50.12	900				

NAN RIVER BASIN

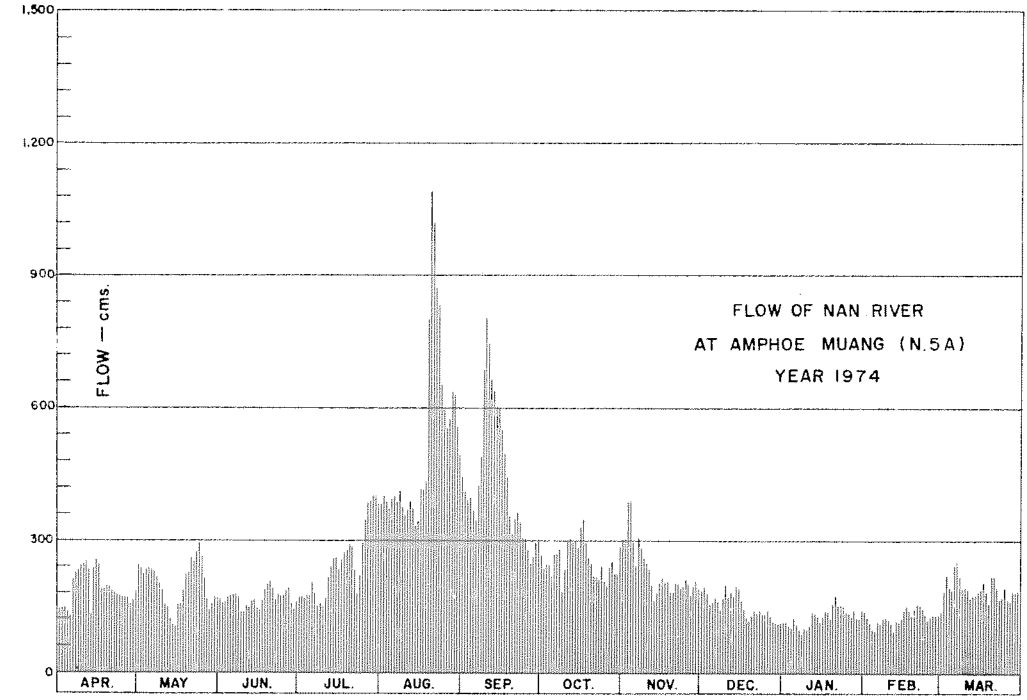
Nan River at Amphoe Muang, Phitsanulok (N.5A)

Location:	Lat. 16°-49'-15" N., Long. 100°-15'-49" E., on left bank near Post Office and about 1 kilometer upstream from gaging station N5, Amphoe Muang, Phitsanulok.
Drainage Area:	25,286 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 34.570 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 45.227 m. (M.S.L.)
Gage Reading Frequency:	Recording.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1963 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 18 discharge measurements in 1974. Flow regulated by Sirikit Dam since June 5, 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	36.17	37.05	36.38	36.43	38.12	38.55	37.24	37.51	36.54	35.82	36.10	36.12
2	.17	36.98	.30	.44	.24	.35	.01	.51	.63	.85	35.96	.54
3	.19	.89	.32	.39	.15	.18	.05	38.16	.51	.75	.83	.87
4	.11	.97	.43	.45	.05	.23	.03	.17	.26	.72	.69	.64
5	35.99	.99	.46	.45	.21	.01	36.87	37.47	.32	.97	.64	.58
6	36.78	36.95	36.47	36.69	38.23	37.83	37.26	37.06	36.40	35.80	35.86	37.06
7	.91	.92	.47	.48	.15	38.42	38.03	.52	.33	.67	.85	.12
8	.96	.81	.41	.23	.32	.84	37.33	.36	.16	.54	.95	36.84
9	37.05	.43	.09	.30	.05	39.97	36.51	.18	.40	.69	.96	.61
10	.08	.29	.10	.23	37.92	40.64	.97	.07	.68	.69	.92	.64
11	37.10	36.25	36.24	36.38	38.03	40.32	37.48	36.97	36.41	35.80	35.81	36.60
12	36.70	.20	.19	.82	.16	39.86	.52	.67	.52	36.05	.61	.41
13	.09	35.92	.34	37.02	.04	.72	.47	.33	.44	.06	.90	.46
14	.98	.76	.35	.17	37.76	.51	.49	.52	.65	.00	.87	.49
15	37.16	.77	.17	.18	.83	.51	.39	.71	.59	35.86	.96	.52
16	37.05	36.23	36.13	36.99	38.36	39.21	37.72	36.80	36.35	35.99	36.12	36.60
17	36.57	.28	.35	37.16	.36	38.87	.86	.72	.16	36.11	.22	.72
18	.60	.55	.57	.27	.47	.55	.47	.72	35.98	.10	.15	.53
19	.66	.87	.68	.33	40.61	37.93	.19	.52	.90	35.97	.03	.29
20	.62	.92	.75	.43	41.96	.60	.07	.54	36.06	36.28	.16	.84
21	36.55	37.19	36.59	37.38	41.64	37.86	36.84	36.71	36.11	36.46	36.28	36.85
22	.50	.10	.38	36.96	40.95	.97	.83	.69	.07	.24	.25	.64
23	.46	.30	.49	.50	.24	.83	.81	.58	.14	.27	.18	.38
24	.44	.46	.45	.83	39.80	.54	37.03	.62	.04	.22	.04	.40
25	.42	.21	.46	37.47	.48	.52	36.76	.78	.06	.09	35.91	.62
26	36.42	36.81	36.57	37.85	39.25	37.33	36.66	36.70	36.14	36.05	36.00	36.37
27	.43	.38	.61	38.14	.40	.08	37.02	.46	.00	.00	.02	.35
28	.28	.13	.29	.17	.71	.20	.12	.65	35.88	.12	.02	.55
29	.38	.32	.17	.24	.68	.44	36.88	.75	.83	35.95	-	.52
30	.54	.40	.34	.25	.24	.52	.89	.59	.82	.95	-	.54
31	-	.41	-	.12	38.87	-	37.39	-	.82	36.14	-	.51
Mean	36.58	36.64	36.38	37.06	38.94	38.45	37.17	36.93	36.23	35.97	35.97	36.59
Max.	37.16	37.46	36.75	38.25	41.96	40.64	38.03	38.17	36.68	36.46	36.28	37.12
Min.	35.99	35.76	36.09	36.23	37.76	37.08	36.51	36.33	35.82	35.54	35.61	36.12

WATER YEAR 1974 : Max. 41.96 m. Min. 35.54 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	145	244	167	172	383	444	267	302	184	112	138	140
2	145	236	158	173	400	415	239	302	194	114	124	184
3	147	225	160	168	387	391	244	388	181	105	113	222
4	139	234	172	174	373	398	242	390	154	103	100	195
5	127	237	176	174	395	367	222	297	160	125	96	189
6	212	232	177	201	398	344	270	245	169	110	115	245
7	227	228	177	178	387	425	370	304	161	98	114	252
8	233	215	170	151	411	489	279	283	144	87	123	219
9	244	172	137	158	373	684	181	260	169	100	124	192
10	248	157	138	151	356	807	234	246	200	100	121	195
11	250	153	152	167	370	747	298	234	170	110	111	191
12	202	148	147	216	388	664	304	199	182	133	93	170
13	137	121	162	240	372	639	297	161	173	134	119	176
14	236	106	163	258	335	602	300	182	196	128	116	179
15	257	107	145	260	344	602	287	203	190	115	124	182
16	244	151	141	237	416	551	330	214	163	127	140	191
17	188	156	163	257	416	494	348	204	144	139	150	204
18	191	185	188	271	432	444	297	204	126	138	143	183
19	198	222	200	279	801	357	261	182	119	125	131	157
20	193	228	208	292	1,090	314	246	184	134	156	144	219
21	185	261	190	285	1,019	348	219	203	139	176	156	220
22	180	250	167	233	870	362	218	201	135	152	153	195
23	176	275	179	180	732	344	215	189	142	155	146	167
24	173	296	174	218	653	306	242	193	132	150	132	169
25	171	263	176	297	597	304	209	212	134	137	120	193
26	171	215	188	346	557	279	198	202	142	133	128	166
27	172	167	192	386	583	248	240	176	128	128	130	163
28	156	141	157	390	637	262	252	196	117	140	130	185
29	167	160	145	400	631	293	224	208	113	123	–	182
30	184	169	162	401	556	304	225	190	112	123	–	184
31	–	170	–	383	494	–	287	–	112	142	–	181
Total	5,698	6,124	5,031	7,696	16,156	13,228	8,045	6,954	4,719	3,918	3,534	5,890
Mean	190	197	168	248	521	441	259	232	152	126	126	190
Max.	257	296	208	401	1,090	807	370	390	200	176	156	252
Min.	127	106	137	151	335	248	181	161	112	87	93	140
Runoff - mcm.	492.307	529.114	434.678	664.934	1,395.878	1,142.899	695.088	600.826	407.722	338.515	305.338	508.896

WATER YEAR 1974 : Max. 1,090 Min. 87 Mean 238 Annual Runoff 7,516.195 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	18.00	42.00	1,099				

NAN RIVER BASIN

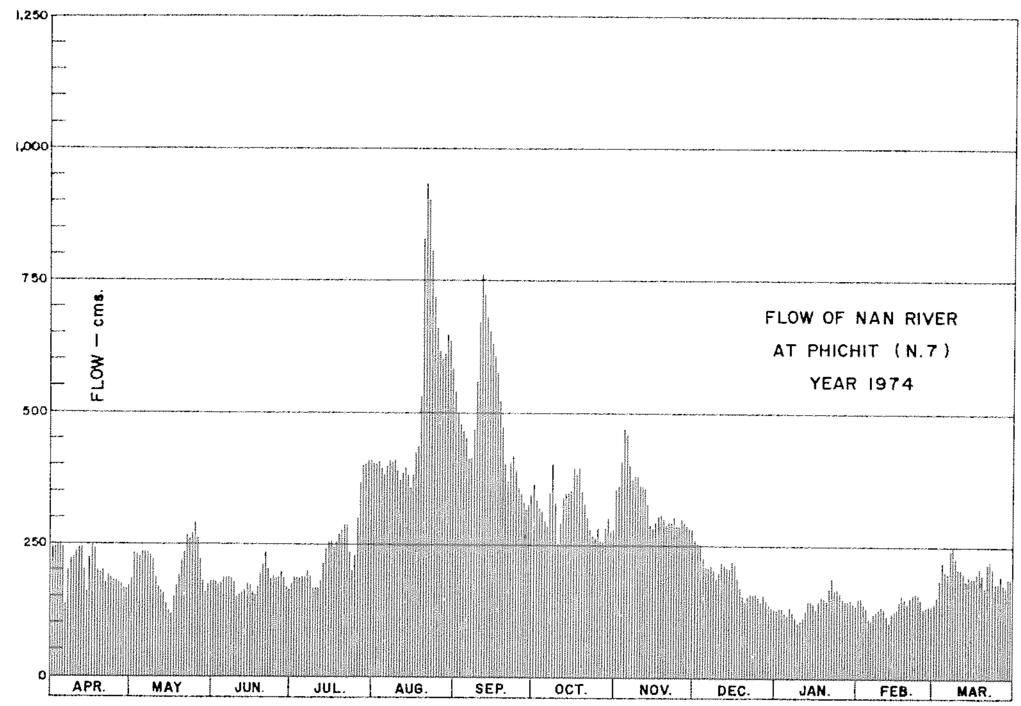
Nan River at Phichit, Phichit (N.7)

Location:	Lat. 16°-26'-31" N., Long. 100°-21'-11" E., on right bank infront of Phichit Phitthaya School, Amphoe Muang, Phichit.
Drainage Area:	29,153 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 26.00 m. (M.S.L.)
Bench Mark:	B.M. - RID No. 4
Location:	on right bank about 78 meters downstream from gage site.
Elevation:	+ 37.273 m. (M.S.L.)
Gage Reading Frequency:	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:	1934 to date.
Rating Operation:	
Period of Rating:	1965-1967, 1973 to date.
Rated by Float:	-
Rated by Current Meter:	1965-1967, 1973 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 18 discharge measurements made in 1974. Flow completely regulated by Sirikit Dam since June 5, 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	28.20	28.63	28.56	28.54	30.55	31.60	30.23	30.13	29.35	27.95	28.22	28.12
2	.21	29.09	.55	.63	.55	.31	29.99	.22	.27	.97	.25	.28
3	.23	.11	.50	.64	.59	.15	.85	.58	.26	.97	.11	.62
4	.23	.04	.52	.63	.48	.02	.81	31.08	.00	.87	27.99	.93
5	.16	.10	.61	.65	.39	30.95	.67	.01	28.85	.85	.77	.75
6	28.08	29.11	28.62	28.64	30.51	30.64	29.58	30.54	28.84	28.03	27.71	28.73
7	.76	.08	.64	.77	.60	.64	30.10	.31	.89	27.91	.88	29.14
8	.96	.05	.61	.65	.58	31.05	.56	.36	.79	.77	.91	.23
9	29.04	28.97	.53	.41	.63	.75	29.93	.36	.62	.66	.99	.00
10	.12	.62	.24	.43	.44	32.56	.27	.22	.75	.70	28.02	28.81
11	29.18	28.42	28.29	28.43	30.30	33.20	29.61	30.19	28.94	27.78	27.97	28.80
12	.19	.36	.36	.59	.40	32.93	30.01	.17	.86	.92	.84	.74
13	28.78	.30	.39	.92	.52	.63	.09	29.92	.84	28.12	.68	.59
14	.34	.04	.51	29.17	.37	.44	.10	.59	.82	.18	.89	.67
15	29.02	27.86	.50	.30	.18	.26	.14	.54	.95	.12	.94	.64
16	29.23	27.85	28.32	29.30	30.38	32.11	30.49	29.65	28.88	27.99	27.99	28.65
17	.16	28.23	.29	.19	.75	31.88	.41	.73	.64	28.13	28.18	.74
18	28.76	.49	.47	.30	.84	.49	.48	.75	.45	.25	.28	.83
19	.73	.67	.70	.43	31.54	.10	.13	.69	.26	.25	.22	.70
20	.79	.95	.87	.49	33.65	30.56	29.92	.58	.16	.19	.11	.47
21	28.53	29.10	29.09	29.57	34.33	30.29	29.70	29.64	28.27	28.44	28.23	28.92
22	.67	.41	28.78	.54	.14	.58	.51	.64	.32	.62	.32	.96
23	.61	.35	.60	.11	33.51	.68	.41	.70	.30	.40	.34	.76
24	.58	.44	.65	28.78	32.90	.49	.36	.57	.33	.42	.29	.54
25	.55	.60	.62	29.05	.48	.18	.53	.56	.25	.35	.20	.56
26	28.53	29.35	28.63	29.70	32.17	30.08	29.32	29.67	28.14	28.25	28.00	28.69
27	.50	28.99	.74	30.25	.07	29.95	.28	.63	.30	.17	.04	.52
28	.41	.57	.64	.53	.13	.84	.55	.59	.20	.16	.08	.48
29	.40	.33	.45	.56	.38	.93	.69	.53	.07	.21	-	.64
30	.47	.48	.38	.60	.31	30.08	.48	.53	.02	.10	-	.64
31	-	.57	-	.61	31.97	-	.54	-	.01	.06	-	.65
Mean	28.65	28.78	28.56	29.21	31.44	31.15	29.83	29.96	28.60	28.09	28.05	28.70
Max.	29.23	29.60	29.09	30.61	34.33	33.20	30.18	31.08	29.35	28.62	28.34	29.23
Min.	28.08	27.85	28.24	28.41	30.18	29.84	29.27	29.53	28.01	27.66	27.68	28.12

WATER YEAR 1974 : Max. 34.33 m. Min. 27.66 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	148	188	181	179	403	538	365	353	262	128	150	142
2	149	234	180	188	403	500	336	363	254	130	152	155
3	151	236	175	189	408	479	319	407	253	130	141	187
4	151	229	177	188	395	463	314	470	225	122	131	218
5	145	235	186	190	384	453	298	461	210	120	114	200
6	138	236	187	189	398	414	288	402	209	134	109	198
7	201	233	189	202	409	414	349	374	214	125	122	239
8	221	230	186	190	407	466	404	380	204	114	125	249
9	229	222	178	167	412	558	329	380	187	105	131	225
10	237	187	152	169	390	671	254	363	200	108	134	206
11	244	168	156	169	373	761	291	360	219	114	130	205
12	245	162	162	184	385	723	338	357	211	126	119	199
13	203	157	165	217	399	681	348	327	209	142	106	184
14	161	135	176	243	381	655	349	289	207	146	123	192
15	227	121	175	257	359	629	354	283	220	142	127	189
16	249	120	159	257	383	608	396	295	213	131	131	190
17	242	151	156	245	427	576	386	305	189	142	146	199
18	201	174	172	257	439	524	395	307	170	152	155	208
19	198	192	195	271	530	473	353	300	153	152	150	195
20	204	220	212	278	827	404	327	288	145	147	141	172
21	178	235	234	287	934	372	301	294	153	170	151	217
22	192	269	203	283	903	407	280	294	159	187	159	221
23	186	262	185	236	806	419	269	301	157	166	161	201
24	183	272	190	203	719	396	264	287	160	168	156	179
25	180	290	187	230	660	359	282	286	152	161	148	181
26	178	262	188	301	617	347	259	298	143	152	132	194
27	175	224	199	367	603	331	255	293	157	146	135	177
28	167	182	189	401	611	318	284	289	148	145	138	173
29	166	160	170	404	646	329	300	282	138	149	–	189
30	172	175	164	409	636	347	277	282	134	140	–	189
31	–	182	–	410	589	–	283	–	133	137	–	190
Total	5,721	6,343	5,428	7,760	16,236	14,615	9,847	9,970	5,788	4,331	3,817	5,983
Mean	191	205	181	250	524	487	318	332	187	140	136	193
Max.	249	290	234	410	934	761	404	470	262	187	161	249
Min.	138	120	152	167	359	318	254	282	133	105	106	142
Runoff - MCM.	494.294	548.035	468.979	670.464	1,402.790	1,262.736	850.781	861.408	500.083	374.198	329.789	516.931

WATER YEAR 1974 : Max. 934 Min. 105 Mean 262 Annual Runoff 8,280.490 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	18.00	34.57	972				

NAN RIVER BASIN

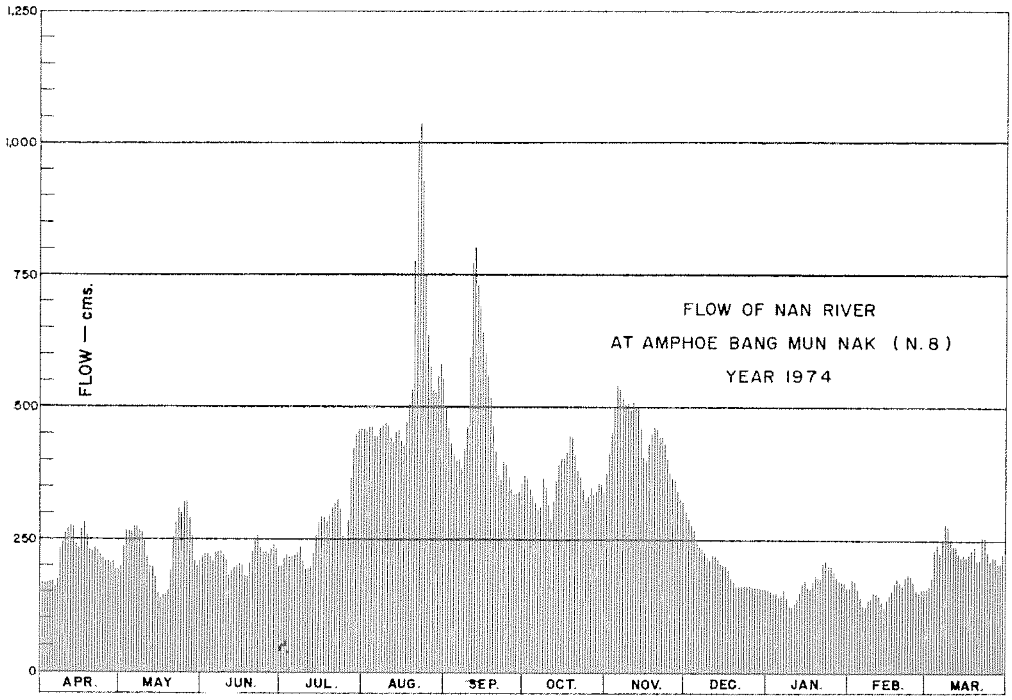
Nan River at Amphoe Bang Mun Nak, Phichit (N.8)

Location:	Lat. 16^{0}-01'-50" N., Long. 100^{0}-22'-53" E., on left bank about 100 meters upstream from Bang Mun Nak market, Amphoe Bang Mun Nak, Phichit.
Drainage Area:	32,878 Sq.km.
Type of Gage:	Stage gage.
Zero Gage at Bottom at:	+ 19.800 m. (M.S.L.)
Bench Mark:	B.M. - H.S. No. 8
Location:	infront of gage observer's house.
Elevation:	+ 30.523 m. (M.S.L.)
Gage Reading Frequency:	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:	1965-1967, 1973 to date.
Rated by Float:	-
Rated by Current Meter:	1965-1967, 1973 to date.
Stability of Channel Regimes:	Unstable because of backwater effect, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 22 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	22.36	22.66	22.82	22.66	24.63	26.08	25.14	25.18	24.61	22.27	22.33	22.28
2	.36	.97	.85	.78	.59	25.79	.11	.47	.45	.23	.45	.35
3	.38	23.22	.85	.83	.64	.57	24.93	.74	.33	.21	.40	.47
4	.39	.21	.81	.81	.64	.44	.83	26.05	.25	.21	.27	.90
5	.39	.20	.75	.82	.53	.34	.72	.32	.04	.14	.13	23.02
6	22.30	23.28	22.87	22.83	24.53	25.37	24.60	26.27	23.89	22.19	21.99	22.86
7	.44	.27	.87	.87	.64	.25	.66	.17	.86	.27	.97	23.03
8	.94	.22	.88	.95	.66	.51	25.09	.10	.75	.15	22.10	.31
9	23.06	.20	.87	.73	.70	.79	.15	.10	.65	.00	.14	.30
10	.17	.05	.74	.61	.66	26.61	24.70	.03	.58	21.97	.21	.08
11	23.25	22.80	22.52	22.62	24.50	27.29	24.46	26.12	23.71	22.05	22.21	22.97
12	.28	.65	.58	.64	.46	.38	.75	.06	.70	.12	.18	.96
13	.26	.63	.63	.87	.58	.17	25.06	.06	.59	.22	.04	.84
14	22.79	.48	.66	23.13	.61	.02	.30	25.80	.49	.38	21.95	.81
15	.73	.23	.71	.35	.45	26.83	.38	.39	.46	.42	22.10	.83
16	23.23	22.12	22.68	23.44	24.39	26.65	25.38	25.35	23.44	22.32	22.17	22.80
17	.34	.18	.50	.40	.69	.44	.48	.58	.30	.30	.24	.84
18	.14	.61	.54	.37	.94	.17	.70	.73	.06	.41	.39	.92
19	22.90	.69	.70	.46	25.10	25.81	.66	.79	22.86	.53	.45	.97
20	.90	23.00	.90	.56	26.53	.47	.45	.78	.65	.46	.40	.74
21	22.93	23.12	23.08	23.62	27.75	25.14	25.22	25.65	22.58	22.48	22.35	22.78
22	.89	.33	.14	.67	.91	.08	.11	.67	.66	.72	.46	23.09
23	.83	.54	22.95	.54	.70	.32	24.93	.57	.67	.77	.53	.07
24	.78	.47	.87	.14	.23	.29	.76	.36	.64	.67	.52	22.88
25	.73	.63	.88	.07	26.81	.11	.81	.16	.65	.66	.44	.74
26	22.73	23.65	22.85	23.36	26.52	24.93	24.95	25.10	22.49	22.58	22.33	22.80
27	.71	.40	.93	.97	.27	.86	.85	.06	.52	.48	.21	.81
28	.72	.14	.99	24.37	.24	.87	.91	24.89	.57	.44	.26	.69
29	.60	22.75	.92	.54	.42	.91	25.02	.77	.46	.41	-	.72
30	.61	.65	.66	.61	.55	25.02	.01	.74	.35	.39	-	.83
31	-	.73	-	.63	.39	-	24.89	-	.31	.30	-	.83
Mean	22.80	22.97	22.80	23.30	25.49	25.78	25.03	25.63	23.28	22.35	22.26	22.85
Max.	23.34	23.65	23.14	24.63	27.91	27.38	25.70	26.32	24.61	22.77	22.53	23.31
Min.	22.30	22.12	22.50	22.61	24.39	24.86	24.46	24.74	22.31	21.97	21.95	22.28

WATER YEAR 1974 : Max. 27.91 m. Min. 21.95 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	167	201	220	201	462	505	374	379	309	157	163	158
2	167	238	224	216	456	463	370	418	291	152	176	165
3	169	269	224	222	464	432	348	456	279	150	171	179
4	170	267	219	219	464	414	336	500	271	150	157	230
5	170	266	212	220	447	400	322	543	251	142	141	244
6	160	276	226	222	447	404	308	535	237	148	127	225
7	175	275	226	226	464	388	315	519	235	157	125	246
8	235	269	228	236	467	423	368	508	226	143	138	280
9	249	266	226	210	473	463	375	508	218	128	142	279
10	262	248	211	195	467	596	320	497	213	125	150	252
11	272	218	184	196	443	773	293	511	223	133	150	238
12	276	200	192	199	437	803	326	502	222	140	147	237
13	274	198	198	226	455	734	364	502	213	151	132	223
14	217	180	201	258	459	691	395	464	206	169	123	219
15	210	152	207	285	436	643	405	407	204	173	138	222
16	270	140	204	297	428	604	405	401	203	162	146	218
17	284	147	182	292	471	564	419	433	194	160	153	223
18	259	195	187	288	509	519	450	454	180	172	170	232
19	230	205	206	300	535	465	444	463	171	186	176	238
20	230	242	230	313	776	418	415	461	164	178	171	211
21	234	257	252	321	1,006	374	385	443	163	180	165	216
22	229	283	259	327	1,038	366	370	446	165	208	178	253
23	222	310	236	310	930	398	348	432	165	214	186	250
24	216	301	226	259	753	394	327	403	164	202	184	228
25	210	322	228	250	638	370	333	377	164	201	175	211
26	210	324	224	287	579	348	350	369	162	192	163	218
27	207	292	234	369	535	339	338	364	162	180	150	219
28	208	259	241	425	530	340	345	343	163	175	156	205
29	194	212	232	449	561	345	359	328	162	172	–	208
30	195	200	201	459	584	359	357	325	160	170	–	222
31	–	210	–	462	555	–	343	–	160	160	–	222
Total	6,571	7,421	6,540	8,739	17,269	14,335	11,207	13,291	6,300	5,130	4,353	6,971
Mean	219	239	218	282	557	478	361	443	203	165	155	22.5
Max.	284	324	259	462	1,038	803	450	543	309	214	186	280
Min.	160	140	182	195	428	339	293	325	160	125	123	158
Runoff - mcm.	567.734	641.174	565.056	755.050	1,492.040	1,238.544	968.285	1,148.342	544.320	443.232	376.099	602.294

WATER YEAR 1974 : Max. 1,038 Min. 123 Mean 296 Annual Runoff 9,342.173 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 22	06.00	27.94	1,044				

NAN RIVER BASIN

Nan River at Amphoe Taphan Hin, Phichit (N.10A)

Location: Lat. 16°-13'-03" N., Long. 100°-25'-26" E., on right bank about 1 kilometer downstream from Wat Theva Prasat, Tambon Huai Ket, Amphoe Taphan Hin, Phichit.

Drainage Area: 30,760 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 22.41 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on right bank along the vertical staff gage line.
Elevation: + 33.173 m. (M.S.L.)

Gage Reading Frequency: 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: 1954-1973.

Rating Operation:

Period of Rating: 1965-1967, 1973.
Rated by Float: -
Rated by Current Meter: 1965-1967, 1973.

Stability of Channel Regimes: Fairly stable because of back water effect, no shifting adjustment for flow computation.

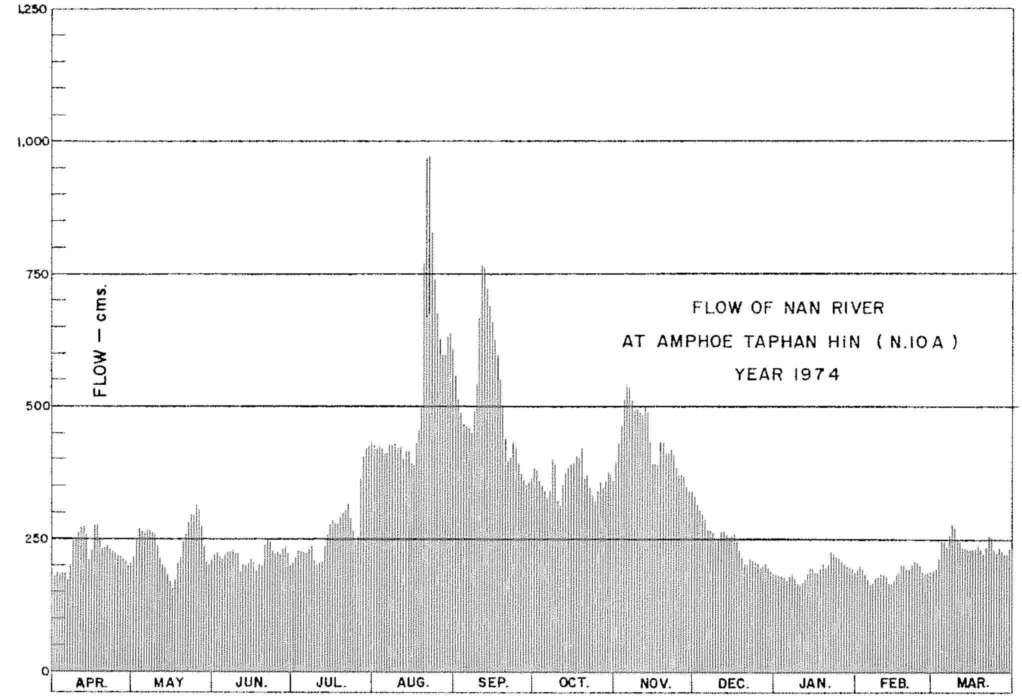
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 75 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	24.39	24.74	24.78	24.65	26.63	27.84	26.44	26.54	25.89	24.22	24.35	24.32
2	.41	25.10	.78	.77	.59	.49	.40	.84	.73	.21	.44	.39
3	.42	.26	.75	.83	.62	.29	.20	27.10	.64	.20	.37	.58
4	.42	.21	.71	.83	.60	.14	.13	.48	.57	.16	.23	.99
5	.41	.20	.78	.83	.50	.10	.03	.71	.34	.10	.10	25.01
6	24.28	25.25	24.84	24.82	26.53	27.09	25.89	27.66	25.23	24.19	23.98	24.88
7	.59	.25	.84	.90	.64	.01	26.05	.48	.22	.23	24.03	25.11
8	25.02	.20	.86	.94	.64	.31	.58	.32	.18	.11	24.13	.33
9	.11	.17	.81	.70	.67	.73	.48	.35	24.98	23.98	.17	.29
10	.21	24.95	.81	.61	.60	28.60	25.87	.29	25.03	.97	.24	.07
11	25.28	24.70	24.46	24.63	26.44	29.25	25.75	27.27	25.20	24.05	24.23	24.98
12	.31	.59	.60	.67	.42	.23	26.13	.40	.19	.12	.19	.84
13	.15	.55	.59	.93	.54	28.97	.35	.30	.12	.25	.02	.82
14	24.68	.38	.65	25.19	.54	.77	.46	26.86	.08	.39	.02	.83
15	.87	.21	.70	.37	.34	.55	.51	.50	.12	.38	.14	.83
16	25.31	24.09	24.63	25.44	26.34	28.31	26.52	26.50	25.14	24.27	24.19	24.80
17	.35	.27	.47	.38	.67	.10	.63	.48	24.99	.28	.27	.85
18	.07	.62	.58	.38	.86	27.77	.86	.86	.78	.38	.42	.96
19	24.89	.78	.57	.49	27.19	.40	.76	.85	.61	.47	.45	.84
20	.91	25.02	.97	.58	28.89	26.91	.49	.67	24.47	.40	.38	.71
21	24.92	25.17	25.09	25.64	29.99	26.55	26.32	26.68	24.47	24.49	24.37	24.87
22	.88	.39	.05	.72	30.01	.63	.09	.74	.57	.74	.48	25.11
23	.83	.55	24.85	.47	29.61	.84	25.95	.66	.55	.71	.53	.03
24	.80	.52	.81	.23	.09	.76	.85	.45	.54	.64	.51	24.82
25	.76	.68	.82	.06	28.65	.54	26.02	.30	.49	.62	.42	.71
26	24.74	25.60	24.79	25.16	28.34	26.35	26.19	26.29	24.37	24.54	24.28	24.82
27	.70	.30	.89	26.11	.10	.24	.08	.27	.45	.45	.24	.78
28	.65	24.94	.93	.46	.11	.14	.22	.10	.47	.41	.30	.67
29	.58	.63	.80	.58	.34	.16	.37	.01	.37	.40	-	.73
30	.61	.61	.59	.63	.40	.28	.33	.02	.30	.38	-	.82
31	-	.70	-	.66	.19	-	.22	-	.25	.27	-	.82
Mean	24.82	24.95	24.76	25.31	27.46	28.32	26.26	26.83	24.92	24.33	24.27	24.86
Max.	25.35	25.68	25.09	26.66	30.01	29.25	26.86	27.66	25.89	24.74	24.53	25.33
Min.	24.39	24.09	24.46	24.61	26.34	26.14	25.75	26.01	24.25	23.97	23.98	24.32

WATER YEAR 1974 : Max. 30.01 m. Min. 24.09 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	184	218	222	209	429	562	386	397	329	185	195	193
2	186	254	222	221	424	516	382	433	314	184	202	198
3	187	270	219	227	428	490	360	465	306	183	197	213
4	187	265	215	227	425	470	353	514	299	180	185	247
5	186	264	222	227	413	465	343	544	279	175	175	249
6	174	269	228	226	417	464	329	538	269	182	167	237
7	203	269	228	234	430	453	345	514	268	185	170	258
8	246	264	230	239	430	492	402	494	264	176	177	278
9	255	261	225	214	434	547	391	497	246	167	181	274
10	265	240	225	205	425	668	327	490	251	166	186	254
11	272	214	190	207	406	766	315	487	266	171	185	246
12	275	203	204	211	403	763	353	504	265	177	182	234
13	259	199	203	238	418	722	376	491	259	187	169	233
14	212	183	209	263	418	692	389	435	255	198	169	233
15	231	169	214	281	393	661	394	393	259	197	178	233
16	275	159	207	288	393	627	395	393	261	189	182	231
17	279	174	191	282	434	598	408	391	247	189	189	235
18	251	206	202	282	459	552	435	435	229	197	201	244
19	233	222	201	294	505	504	423	434	216	205	203	234
20	236	246	242	303	772	441	392	412	205	199	197	224
21	237	261	253	310	970	398	373	414	205	206	197	237
22	232	283	249	319	974*	408	349	421	213	226	205	258
23	227	300	229	292	830	433	335	411	211	224	209	251
24	224	297	225	267	740	423	325	387	210	218	208	233
25	220	315	226	250	675	397	342	371	206	217	201	224
26	218	306	223	260	631	376	359	370	197	210	189	233
27	214	274	233	366	598	364	348	368	203	203	186	229
28	209	239	238	408	599	354	362	350	205	200	191	221
29	202	207	224	423	632	356	379	341	197	199	–	225
30	205	205	203	429	640	368	374	342	191	197	–	233
31	–	214	–	433	611	–	362	–	187	189	–	233
Total	6,784	7,450	6,602	8,535	16,766	15,332	11,406	13,036	7,512	5,981	5,276	7,325
Mean	226	240	220	275	540	511	367	434	242	192	188	236
Max.	279	315	253	433	974	766	435	538	329	226	209	278
Min.	184	159	190	205	393	354	315	341	187	166	167	193
Runoff - mcm.	586.138	643.680	570.413	737.424	1,448.583	1,324.685	985.478	1,126.310	649.036	516.758	455.847	632.880

WATER YEAR 1974 : Max. 974 Min. 159 Mean 306 Annual Runoff 9,677.232 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.22	01.00	30.11	994				

NAN RIVER BASIN

Nan River at Ban Hat Phai, Uttaradit (N.12A)

Location: Lat. 17°-44'-10" N., Long. 100°-32'-28" E., on right bank about 4 kilometers downstream from Sirikit Damsite, along the road Phasom - Silat at Ban Hat Phai, Amphoe Tha Pla, Uttaradit.

Drainage Area: 15,718 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 69.00 m. (M.S.L.)

Bench Mark: B.M. - R.I.D.

Location: on right bank infront of N12A station office.
Elevation: BM1 + 84.00 m. (M.S.L.) BM2 + 83.655 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1966 to date.

Rating Operation:

Period of Rating: 1966 to date.
Rated by Float: -
Rated by Current Meter: 1966 to date.

Stability of Channel Regimes: Fairly stable with variable water surface slope, no shifting adjustment for flow computation.

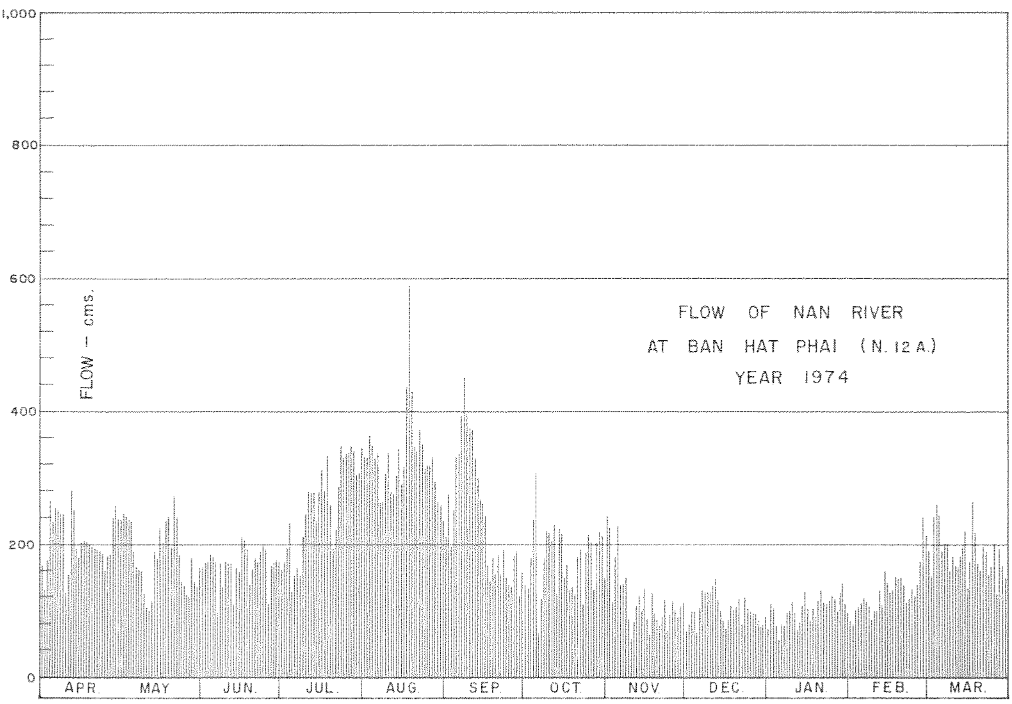
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 141 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	71.58	72.06	71.52	71.53	72.67	71.81	71.38	72.11	70.72	70.80	70.92	71.83
2	.28	.13	.60	.60	.67	72.33	.28	71.97	.84	71.15	.83	.47
3	.56	.09	.61	.69	.87	71.75	.49	.14	71.05	.10	71.08	72.09
4	72.26	.06	.69	72.03	.80	72.20	.92	.73	.04	70.91	.09	.23
5	.02	.05	.64	71.28	.66	.66	72.52	72.00	70.71	.58	.14	.11
6	72.19	71.78	71.60	71.48	72.72	72.70	70.74	71.36	71.06	70.88	71.22	71.72
7	.14	.55	.02	.57	.23	73.00	.88	.37	.31	.84	.15	.81
8	.13	.53	.60	.45	.24	.36	71.70	.45	.27	71.00	.11	.81
9	.13	.52	.32	.88	.52	.02	.95	.26	.28	.01	70.90	.52
10	71.24	.24	.61	72.09	.72	72.93	.93	70.52	.24	.18	71.05	.67
11	71.45	71.08	71.60	72.35	72.36	72.93	71.84	70.79	71.37	71.02	71.05	71.58
12	72.36	.05	.60	.34	.27	.71	.99	71.09	.43	70.76	.30	.56
13	.14	.18	.11	.34	.45	.61	.27	.23	.21	71.00	.12	.71
14	71.75	.71	.54	.07	.75	.28	.98	.04	.04	.10	.51	.77
15	.66	.62	.51	.30	.42	.22	.89	.31	70.89	.28	.40	.93
16	71.82	71.97	71.87	72.55	72.57	72.14	71.44	71.02	70.77	71.05	71.26	71.34
17	.83	.81	.85	.34	73.11	71.56	.57	70.69	.94	70.92	.30	.66
18	.82	72.05	.75	.68	74.14	.40	.29	71.27	71.12	71.06	.46	72.24
19	.79	.08	.37	.31	73.24	.66	.33	70.99	.05	80.95	.43	71.81
20	.76	71.66	.55	71.75	72.79	.47	.24	.92	.09	71.18	.46	.58
21	71.76	72.32	71.64	71.78	72.73	71.69	71.65	70.82	71.20	71.29	71.36	71.51
22	.74	.25	.58	72.20	.91	.48	.76	.92	70.86	.15	.16	.78
23	.72	71.87	.70	.77	.80	.74	.12	71.18	71.23	.14	.18	.71
24	.70	.48	.79	.66	.55	.42	.70	70.74	.10	.15	.32	.49
25	.52	.37	.76	.71	.61	.33	.90	.93	.06	.23	.24	.57
26	71.68	71.33	71.12	72.71	72.59	71.33	71.82	71.17	70.99	71.20	71.38	71.78
27	.69	.16	.56	.78	.67	.68	.30	.01	71.05	.03	.37	.26
28	72.08	.64	.59	.74	.38	.73	.83	70.97	70.91	.28	72.08	.74
29	.20	.40	.63	.51	.25	.22	.94	71.11	.84	.37	-	.54
30	.05	.35	.63	.52	.20	.49	.88	.16	.85	.14	-	.41
31	-	.54	-	.76	.06	-	.44	-	.95	.02	-	.53
Mean	71.83	71.67	71.56	72.19	72.64	72.06	71.61	71.17	71.05	71.06	71.24	71.70
Max.	72.36	72.32	71.87	72.78	74.14	73.36	72.52	72.11	71.43	71.37	72.08	72.24
Min.	71.24	71.05	71.02	71.28	72.06	71.22	70.74	70.52	70.71	70.58	70.83	71.26

WATER YEAR 1974 : Max. 74.14 m. Min. 70.52 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	169	236	161	162	330	201	141	243	67	75	87	204
2	129	246	172	172	330	276	129	224	79	113	78	154
3	166	241	173	185	364	193	157	112	101	107	105	241
4	266	236	185	232	352	257	217	190	100	86	106	261
5	231	235	178	129	329	329	306	228	66	54	112	243
6	255	197	172	155	338	335	69	139	103	83	121	189
7	248	165	98	168	261	386	83	140	132	79	113	201
8	246	162	172	151	263	448	186	151	127	96	108	201
9	246	161	134	211	307	389	221	126	129	97	85	161
10	124	124	173	241	338	374	218	49	124	117	101	182
11	151	105	172	279	281	374	206	74	140	98	101	169
12	281	101	172	278	267	337	227	106	148	71	131	166
13	248	117	108	278	295	321	127	123	120	96	109	187
14	193	187	164	238	343	269	225	100	100	107	159	196
15	180	175	159	272	290	260	213	132	84	129	144	218
16	203	224	210	311	314	248	150	98	72	101	126	136
17	204	201	207	278	405	166	168	64	89	87	131	180
18	203	235	193	332	588	144	130	127	109	103	152	263
19	199	239	140	273	427	180	135	95	101	90	148	201
20	194	180	165	193	350	154	124	87	106	117	152	169
21	194	275	178	197	340	185	179	77	119	130	139	159
22	192	264	169	257	371	155	194	87	81	113	114	197
23	189	210	186	347	352	192	109	117	123	112	117	187
24	186	155	199	329	311	147	186	69	107	113	134	157
25	161	140	194	337	321	135	214	88	103	123	124	168
26	183	135	109	337	317	135	203	115	95	119	141	197
27	185	114	166	349	330	183	131	97	101	99	140	126
28	239	178	171	342	284	190	204	93	86	129	239	192
29	257	144	176	305	264	121	220	108	79	140	–	164
30	235	137	176	306	257	157	211	114	80	112	–	145
31	–	164	–	345	236	–	150	–	90	98	–	162
Total	6,157	5,683	5,032	7,989	10,155	7,241	5,433	3,573	3,161	3,194	3,517	5,776
Mean	205	183	168	258	327	241	175	119	102	103	126	186
Max.	281	275	210	349	588	448	306	243	148	140	239	263
Min.	124	101	98	129	236	121	69	49	66	54	78	126
Runoff - mcm.	531.965	491.011	434.765	690.250	877.392	625.622	469.411	308.707	273.110	275.962	303.869	499.046

WATER YEAR 1974 : Max. 588 Min. 49 Mean 183 Annual Runoff 5,781.110 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18	04.00	74.59	673				

NAN RIVER BASIN

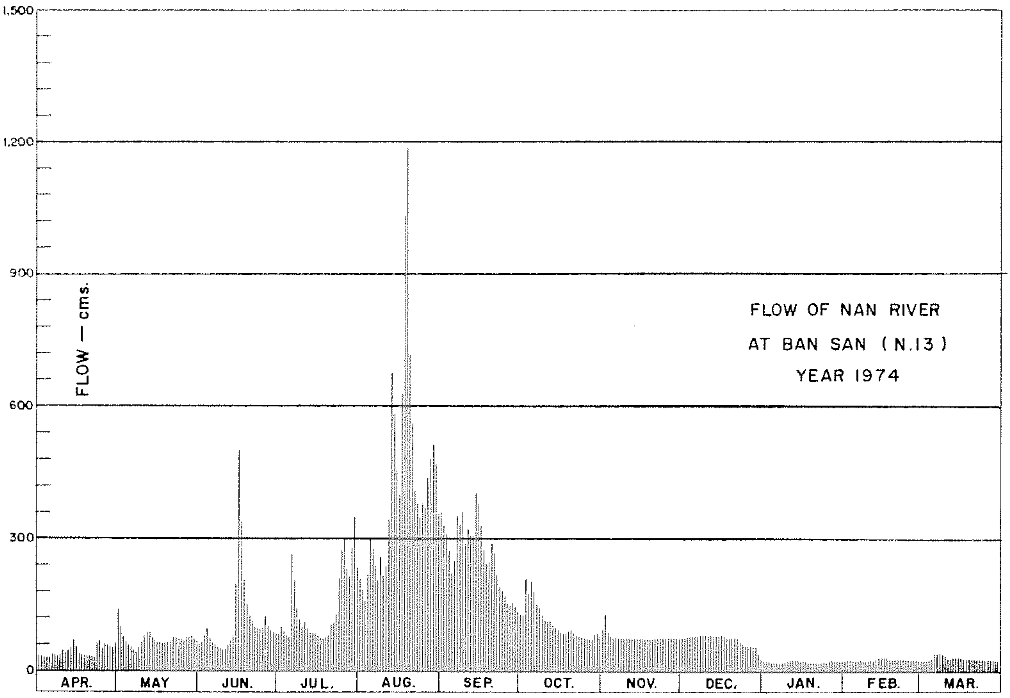
Nan River at Ban San, Nan (N.13)

Location:	Lat. 18°-32'-06" N., Long. 100°-46'-06" E., on right bank infront of Wat Phranet at Ban San, Amphoe Sa, Nan.
Drainage Area:	8,993 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 176.65 m. (M.S.L.)
Bench Mark:	B.M. - H.S. RID
Location:	near the gage site.
Elevation:	+ 186.634 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1959-1974
Rating Operation:	
Period of Rating:	1959-1966
Rated by Float:	-
Rated by Current Meter:	1959-1966
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 1,507 discharge measurements made during 1959-1966.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	177.03	177.93	177.32	177.56	178.39	179.14	177.85	177.66	177.48	176.95	176.96	176.94
2	.02	.68	.36	.68	.22	.00	.88	.87	.48	.94	.97	.94
3	.00	.46	.52	.60	.06	178.91	178.36	.60	.49	.93	.97	.94
4	.00	.35	.66	.51	.42	.72	.17	.50	.50	.93	.96	.99
5	.00	.28	.44	.48	.85	.45	.35	.48	.51	.93	.96	177.00
6	177.07	177.23	177.33	178.68	178.75	178.62	178.18	177.48	177.51	176.88	176.95	177.09
7	.05	.18	.27	.35	.54	179.09	.01	.47	.52	.89	.95	.09
8	.01	.13	.23	.95	.36	.01	177.98	.47	.53	.91	.95	.10
9	.07	.19	.20	.77	.66	.14	.84	.47	.53	.93	.95	.11
10	.27	.36	.18	.67	.42	178.80	.79	.47	.53	.93	.95	.03
11	177.11	177.49	177.22	177.75	178.56	178.96	177.76	177.47	177.53	176.95	176.96	176.99
12	.17	.57	.29	.66	179.06	.89	.78	.46	.53	.96	.96	177.00
13	.21	.57	.39	.59	180.48	.89	.70	.46	.52	.96	.97	.01
14	.39	.47	.49	.56	.11	179.34	.67	.45	.51	.94	177.02	.01
15	.24	.40	178.25	.57	179.58	.23	.62	.45	.51	.93	.03	.02
16	177.10	177.35	179.77	177.51	179.32	178.99	177.58	177.45	177.54	176.92	177.03	177.01
17	.05	.34	.04	.48	180.30	.72	.58	.44	.50	.91	.03	176.99
18	.05	.32	178.36	.46	181.80	.57	.57	.43	.46	.90	176.99	.99
19	.02	.32	.01	.48	182.33	.60	.61	.43	.47	.90	.97	.99
20	.01	.34	177.85	.53	180.65	.81	.64	.44	.47	.90	.98	.98
21	177.01	177.38	177.75	177.71	180.02	178.68	177.55	177.44	177.48	176.90	176.99	176.97
22	.00	.47	.69	.75	179.37	.41	.51	.44	.46	.91	.99	.96
23	.35	.47	.66	.87	.23	.25	.49	.44	.36	.93	.99	.96
24	.37	.43	.64	178.37	.09	.18	.48	.44	.31	.93	.96	.95
25	.21	.42	.68	.72	.23	.12	.47	.44	.28	.93	.95	.95
26	177.31	177.41	177.83	178.86	179.18	178.03	177.45	177.45	177.27	176.95	176.95	176.95
27	.28	.47	.69	.51	.50	.00	.45	.46	.27	.95	.95	.95
28	.26	.47	.62	.40	.68	.03	.46	.46	.27	.94	.94	.95
29	.20	.48	.58	.75	.82	177.97	.55	.46	.25	.95	-	.95
30	.35	.43	.55	179.09	.63	.88	.58	.48	.11	.96	-	.96
31	-	.39	-	178.69	.12	-	.51	-	176.97	.95	-	.96
Mean	177.14	177.41	177.69	178.01	179.37	178.64	177.72	177.48	177.42	176.92	176.97	176.99
Max.	177.39	177.93	179.77	179.09	182.33	179.34	178.36	177.87	177.54	176.96	177.03	177.11
Min.	177.00	177.13	177.18	177.46	178.06	177.88	177.45	177.43	176.97	176.88	176.94	176.94

WATER YEAR 1974 : Max. 182.33 m. Min. 176.88 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	33	141	62	86	214	363	128	98	78	25	26	24
2	32	101	66	101	187	332	133	131	78	24	27	24
3	30	76	82	90	162	312	210	90	79	23	27	24
4	30	65	98	81	219	274	179	80	80	23	26	29
5	30	58	74	78	300	224	208	78	81	23	26	30
6	37	53	63	266	280	254	181	78	81	18	25	39
7	35	48	57	208	239	352	154	77	82	19	25	39
8	31	43	53	144	210	334	149	77	83	21	25	40
9	37	49	50	115	262	363	126	77	83	23	25	41
10	57	66	48	100	219	290	118	77	83	23	25	33
11	41	79	52	112	243	323	114	77	83	25	26	29
12	47	87	59	98	345	308	117	76	83	26	26	30
13	51	87	69	89	675	308	104	76	82	26	27	31
14	69	77	79	86	584	407	100	75	81	24	32	31
15	54	70	192	87	460	383	93	75	81	23	33	32
16	40	65	503	81	402	330	88	75	84	22	33	31
17	35	64	341	78	630	274	88	74	80	21	33	29
18	35	62	210	76	1,030	245	87	73	76	20	29	29
19	32	62	154	78	1,185	250	91	73	77	20	27	29
20	31	64	128	83	719	292	96	74	77	20	28	28
21	31	68	112	106	562	266	85	74	78	20	29	27
22	30	77	103	112	413	218	81	74	76	21	29	26
23	65	77	98	131	382	192	79	74	66	23	29	26
24	67	73	96	211	352	181	78	74	61	23	26	25
25	51	72	101	274	383	171	77	74	58	23	25	25
26	61	71	125	302	372	156	75	75	57	25	25	25
27	58	77	103	234	442	152	75	76	57	25	25	25
28	56	77	93	216	482	157	76	76	57	24	24	25
29	50	78	88	280	515	147	85	76	55	25	–	25
30	65	73	85	352	471	133	88	78	41	26	–	26
31	–	69	–	268	358	–	81	–	27	25	–	26
Total	1,321	2,229	3,444	4,623	13,297	7,991	3,444	2,362	2,245	709	763	903
Mean	44.0	71.9	114	149	428	266	111	78.7	72.4	22.8	27.2	29.1
Max.	69	141	503	352	1,185	407	210	131	84	26	33	41
Min.	30	43	48	76	162	133	75	73	27	18	24	24
Runoff – mcm.	114.134	192.586	297.562	399.427	1,148.861	690.422	297.562	204.077	193.968	61.258	65.923	78.019

WATER YEAR 1974 : Max. 1,185 Min. 18 Mean 119 Annual Runoff 3,743.798 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	04.00	182.76	1,328				

NAN RIVER BASIN

Nan River at Wat Luang Phokhaeo, Nakhon Sawan (N.14A)

Location: Lat. 15°-53'-56" N., Long. 100°-18'-34" E., on right bank infront of Wat Luang Pho Khaeo about 1 kilometer upstream from N14, Amphoe Chum Saeng, Tambon Plikul, Nakhon Sawan.

Drainage Area: 33,182 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 19.00 m. (M.S.L.)

Bench Mark: B.M. - N14A

Location: infront of automatic building.
Elevation: + 27.842 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1971 to date.

Rating Operation:

Period of Rating: 1973 to date.
Rated by Float: -
Rated by Current Meter: 1973 to date.

Stability of Channel Regimes: Unstable because of back water effect, no shifting adjustment for flow computation.

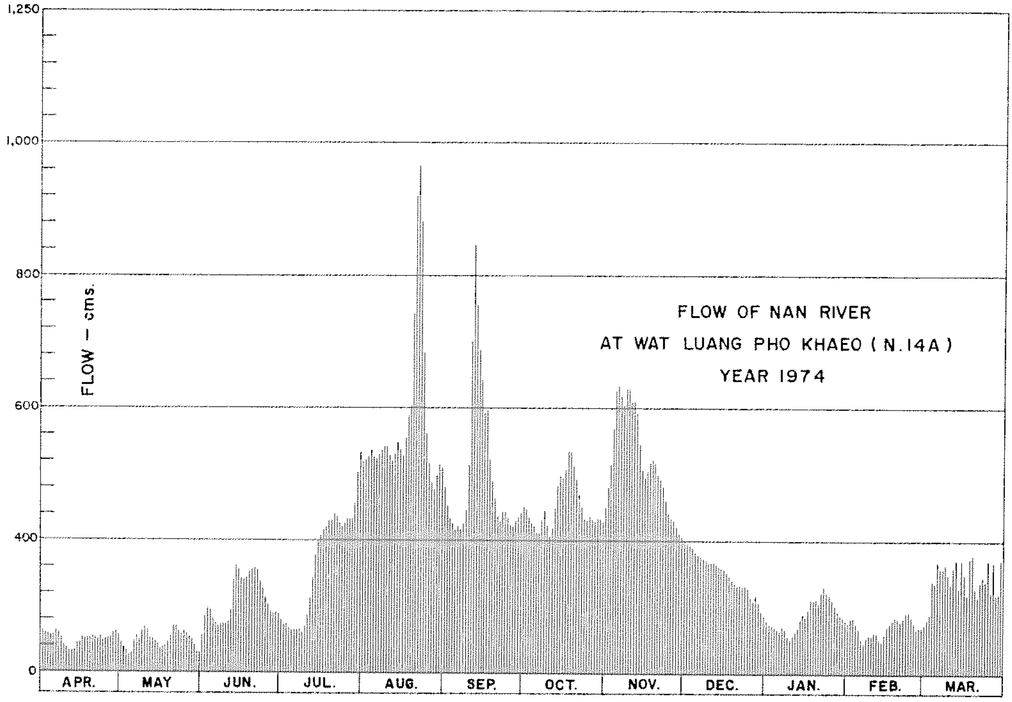
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 20 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	20.38	20.17	20.35	20.60	22.58	24.44	24.18	24.19	23.59	20.60	20.56	20.52
2	.35	.04	.64	.52	.60	.20	.16	.44	.46	.53	.62	.61
3	.35	19.98	.76	.55	.65	.00	.04	.68	.35	.51	.63	.69
4	.30	.86	.74	.46	.71	23.90	23.92	.96	.28	.50	.53	21.15
5	.37	.96	.62	.42	.63	.80	.84	25.16	.11	.43	.41	.14
6	20.39	20.22	20.54	20.42	22.60	23.85	23.73	25.18	23.00	20.42	20.28	21.42
7	.36	.28	.48	.42	.67	.80	.72	.13	22.95	.49	.21	.33
8	.24	.23	.51	.44	.72	.93	.97	.09	.90	.45	.30	.33
9	.07	.40	.53	.39	.76	24.15	24.12	.17	.75	.34	.34	.37
10	.02	.46	.53	.50	.76	.68	23.87	.17	.66	.27	.39	.25
11	19.96	20.41	20.59	20.69	22.66	25.32	23.63	25.10	22.66	20.33	20.40	21.13
12	.96	.26	.75	.93	.60	.51	.80	.11	.65	.41	.38	.34
13	.99	.24	21.18	21.19	.69	.41	24.16	.05	.53	.47	.31	.43
14	20.16	.21	.35	.50	.80	.30	.46	24.85	.38	.62	.23	.08
15	.19	.15	.32	.67	.72	.20	.56	.63	.27	.69	.37	.44
16	20.25	20.05	21.19	21.72	22.66	25.05	24.56	24.56	22.19	20.65	20.51	21.26
17	.25	.07	.17	.80	.85	24.90	.63	.62	.02	.78	.55	20.98
18	.25	.11	.21	.84	23.10	.72	.80	.70	21.76	.90	.60	21.44
19	.25	.18	.28	.90	.21	.52	.80	.72	.51	.90	.65	.48
20	.28	.31	.31	.92	24.17	.30	.68	.70	.33	.90	.63	.07
21	20.25	20.47	21.33	21.99	25.30	24.04	24.53	24.59	21.19	20.84	20.60	20.95
22	.24	.49	.29	.96	.59	23.98	.35	.54	.19	21.00	.65	21.14
23	.28	.41	.16	.87	.54	24.10	.19	.46	.18	.08	.73	.21
24	.22	.36	.05	.84	.29	.11	.04	.28	.12	.01	.74	.13
25	.23	.38	20.94	.88	24.92	.01	.00	.11	.09	20.98	.67	.43
26	20.26	20.34	20.82	21.93	24.69	23.88	24.07	24.02	20.95	20.91	20.56	20.99
27	.29	.30	.73	.93	.48	.86	.00	23.98	.90	.82	.46	21.41
28	.37	.24	.69	.93	.41	.97	23.98	.86	.97	.74	.48	20.97
29	.38	.12	.71	22.11	.58	24.03	24.02	.74	.86	.70	-	.96
30	.32	19.95	.69	.46	.68	.09	.02	.67	.75	.67	-	21.43
31	-	.94	-	.70	.66	-	23.95	-	.67	.61	-	.47
Mean	20.24	20.21	20.88	21.37	23.56	24.37	24.15	24.61	22.04	20.66	20.49	21.18
Max.	20.39	20.49	21.35	22.70	25.59	25.51	24.80	25.18	23.59	21.08	20.74	21.48
Min.	19.96	19.86	20.35	20.39	22.58	23.80	23.63	23.67	20.67	20.27	20.21	20.52

WATER YEAR 1974 : Max. 25.59 m. Min. 19.86 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	76	55	73	100	399	350	313	315	255	100	96	91
2	73	44	105	91	402	316	311	350	248	92	102	101
3	73	40	120	94	410	291	296	393	241	90	104	111
4	68	31	117	85	421	281	283	462	238	89	92	173
5	75	38	102	80	407	272	276	535	229	81	79	172
6	77	60	93	80	402	276	266	544	224	80	66	212
7	74	66	87	80	414	272	265	523	221	88	59	198
8	62	61	90	82	422	284	288	506	219	83	68	198
9	47	78	92	77	429	309	306	539	213	72	72	204
10	43	85	92	89	429	393	278	539	210	65	77	187
11	38	79	99	111	412	625	258	510	210	71	78	170
12	38	64	118	142	402	805	272	514	209	79	76	200
13	40	62	177	179	417	695	311	492	206	86	69	213
14	54	59	201	224	436	610	354	432	201	102	61	163
15	57	53	197	249	422	552	370	383	198	111	75	215
16	63	45	179	257	412	492	370	370	196	106	90	188
17	63	47	176	270	444	445	383	381	191	122	94	149
18	63	50	181	276	487	401	419	397	183	138	100	215
19	63	56	191	286	506	363	419	401	175	138	106	221
20	66	69	195	289	678	330	393	397	170	138	104	162
21	63	86	198	300	898	296	365	275	167	130	100	145
22	62	88	193	296	956	289	337	367	167	152	106	172
23	66	79	174	281	850	303	315	354	167	163	115	181
24	60	74	159	276	604	304	296	327	165	153	117	170
25	61	76	144	283	451	292	291	304	163	149	108	213
26	64	72	128	291	395	279	299	293	145	139	96	151
27	67	68	116	291	357	277	291	289	138	128	85	210
28	75	62	111	291	346	288	289	277	148	117	87	148
29	76	51	113	320	374	295	293	267	133	112	–	146
30	70	27	111	378	393	302	293	261	118	108	–	213
31	–	37	–	419	389	–	286	–	108	101	–	219
Total	1,877	1,872	4,132	6,567	14,764	11,287	9,786	12,097	5,856	3,383	2,482	5,511
Mean	62.6	60.4	138	212	476	376	316	403	189	109	88.6	178
Max.	77	88	201	419	956	805	419	544	255	163	117	221
Min.	38	31	73	77	399	272	258	261	108	65	59	91
Runoff - MCM.	162.173	161.741	357.005	567.380	1,275.610	975.197	845.510	1,045.181	505.958	292.291	214.445	476.150

WATER YEAR 1974 : Max. 956 Min. 31 Mean 218 Annual Runoff 6,878.650 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.22	17.00	25.61	958				

NAN RIVER BASIN

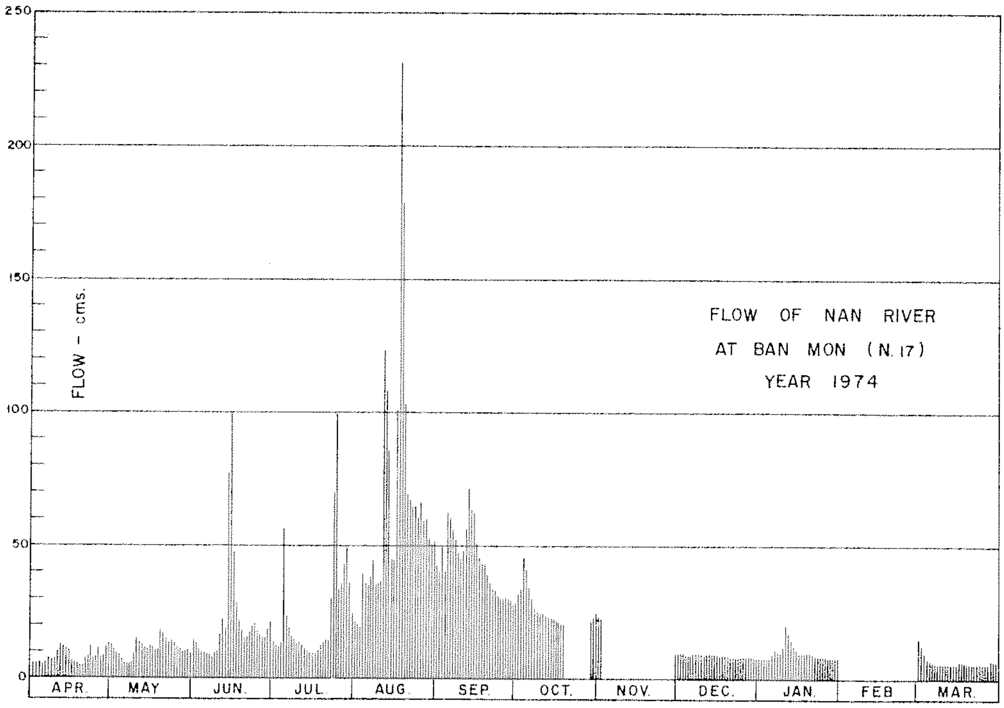
Nan River at Ban Mon, Nan (N.17)

Location:	Lat. 19°-24'-34" N., Long. 100°-52'-05" E., on left bank at Ban Mon, Amphoe Thung Chang, Nan.
Drainage Area:	1,156 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	about 20 meters from the top of vertical staff gage.
Elevation:	+ 13.390 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 mean of 5 readings.
Period of Available Gage Records:	1963 to date.
Rating Operation:	
Period of Rating:	1969-1973.
Rated by Float:	-
Rated by Current Meter:	1969-1973.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 535 discharge measurements made during 1969-1971, 1973.
Remarks:	No gage-height record October 20-29, November 3-29 and February 1-29.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.50	0.76	0.69	0.87	1.06	1.42	1.16	1.06	0.67	0.61		0.90
2	.49	.73	.80	.78	.01	.39	.25	.01	.67	.61		.79
3	.49	.69	.76	.75	0.96	.56	.28		.67	.60		.67
4	.50	.66	.66	.75	1.40	.38	.50		.66	.60		.58
5	.48	.59	.65	1.64	.31	.35	.37		.66	.61		.54
6	0.47	0.52	0.65	1.11	1.29	1.74	1.30		0.66	0.63		0.54
7	.58	.48	.61	0.94	.28	.68	.23		.66	.66		.53
8	.55	.49	.60	.86	.47	.62	.13		.67	.69		.53
9	.56	.51	.66	.82	.30	.53	.09		.66	.68		.52
10	.61	.62	.67	.77	.32	.47	.08		.66	.68		.52
11	0.64	0.84	0.85	0.79	1.33	1.53	1.07		0.66	0.82		0.52
12	.75	.76	1.02	.77	2.44	.48	.06		.66	.97		.51
13	.72	.73	0.92	.74	.29	.87	.05		.65	.86		.51
14	.71	.65	1.87	.71	1.71	.75	.04		.65	.78		.51
15	.70	.69	2.20	.68	.48	.74	.03		.65	.70		.50
16	0.56	0.73	1.74	0.67	1.48	1.64	1.02		0.65	0.67		0.51
17	.51	.69	.24	.66	2.12	.51	.01		.64	.67		.55
18	.49	.70	.03	.66	3.41	.45	.00		.64	.64		.54
19	.47	.69	0.94	.74	2.50	.44	.00		.64	.65		.53
20	.47	.75	.86	.78	.10	.41			.64	.68		.53
21	0.46	0.91	0.80	0.83	1.85	1.34			0.63	0.67		0.52
22	.59	.84	.87	.78	.82	.28			.63	.65		.52
23	.73	.80	.92	.86	.76	.25			.63	.63		.52
24	.58	.78	.98	1.35	.78	.26			.63	.63		.51
25	.55	.79	.95	2.19	.72	.19			.63	.62		.51
26	0.72	0.74	0.90	1.28	1.79	1.18			0.62	0.62		0.51
27	.62	.70	.86	.25	.70	.21			.62	.62		.52
28	.56	.69	.84	.36	.71	.18			.62	.61		.54
29	.68	.68	.86	.54	.62	.17			.61	.61		.58
30	.78	.70	1.00	.30	.56	.15	1.02	0.68	.61	.60		.54
31	-	.63	-	.16	.59	-	.07	-	.61	.60		.53
Mean	0.58	0.69	0.95	0.98	1.68	1.44			0.64	0.67		0.55
Max.	0.78	0.91	2.20	2.19	3.41	1.75			0.67	0.97		0.90
Min.	0.46	0.49	0.60	0.66	0.96	1.15			0.61	0.60		0.51

WATER YEAR 1974 : Max. 3.41 m. Min. 0.46 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.50	13	11	16	24	24	29	24	10	8.30		17
2	5.25	12	14	13	22	40	33	22	10	8.30		14
3	5.25	11	13	12	20	50	34		10	8.00		10
4	5.50	9.80	9.80	12	40	39	46		9.80	8.00		7.50
5	5.00	7.75	9.50	56	36	38	39		9.80	8.30		6.50
6	4.75	6.00	9.50	26	35	62	35		9.80	8.90		6.50
7	7.50	5.00	8.30	19	34	58	32		9.80	9.80		6.25
8	6.75	5.25	8.00	16	45	54	27		10	11		6.25
9	7.00	5.75	9.80	15	35	48	25		9.80	10		6.00
10	8.30	8.60	10	13	36	45	25		9.80	10		6.00
11	9.20	15	16	14	37	48	25		9.80	15		6.00
12	12	13	22	13	123	45	24		9.80	20		5.75
13	12	12	18	12	108	72	24		9.50	16		5.75
14	11	9.50	72	11	60	63	23		9.50	13		5.75
15	11	11	100	10	45	62	23		9.50	11	เครื่องเสีย	5.50
16	7.00	12	62	10	45	56	22		9.50	10		5.75
17	5.75	11	32	9.80	93	47	22		9.20	10		6.75
18	5.25	11	23	9.80	231	43	21		9.20	9.20		6.50
19	4.75	11	19	12	129	43	21		9.20	9.50		6.25
20	4.75	12	16	13	91	41			9.20	10		6.25
21	4.50	18	14	15	70	37			8.90	10		6.00
22	7.75	15	16	13	68	34			8.90	9.50		6.00
23	12	14	18	16	64	33			8.90	8.90		6.00
24	7.50	13	21	38	65	33			8.90	8.90		5.75
25	6.75	14	19	99	61	30			8.90	8.60		5.75
26	12	12	17	34	66	30			8.60	8.60		5.75
27	8.60	11	16	33	59	31			8.60	8.60		6.00
28	7.00	11	15	38	60	30			8.60	8.30		6.50
29	10	10	16	49	54	29			8.30	8.30		7.50
30	13	11	21	35	50	28	22	10	8.30	8.00		6.50
31	–	8.90	–	29	52	–	25	–	8.30	8.00		6.25
Total	232.60	339.55	655.90	711.60	1,958	1,311			288.40	310		214.25
Mean	7.75	10.9	21.9	22.9	63.2	43.7			9.30	10.0		6.91
Max.	13	18	100	99	231	63			10	20		17
Min.	4.50	5.25	8.00	9.80	20	28			8.30	8.00		5.75
Runoff - mcm.	20.097	29.337	56.670	61.482	169.171	113.270			24.918	26.784		18.511

WATER YEAR 1974 : Max. 231 Min. 4.50 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	06.00	4.25	362				

NAN RIVER BASIN

Khwae Noi at Ban Yang, Phitsanulok (N.22)

Location: Lat. 17^0–01'–57" N., Long. 100^0–22'–23" E., on left bank about 1 kilometer downstream from District Forestry office, Amphoe Wat Bot, Phitsanulok.

Drainage Area: 4,841 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 43.04 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: near the gage site.
Elevation: + 51.143 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1963 to date.

Rating Operation:

Period of Rating: 1963–1974.
Rated by Float: –
Rated by Current Meter: 1963–1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

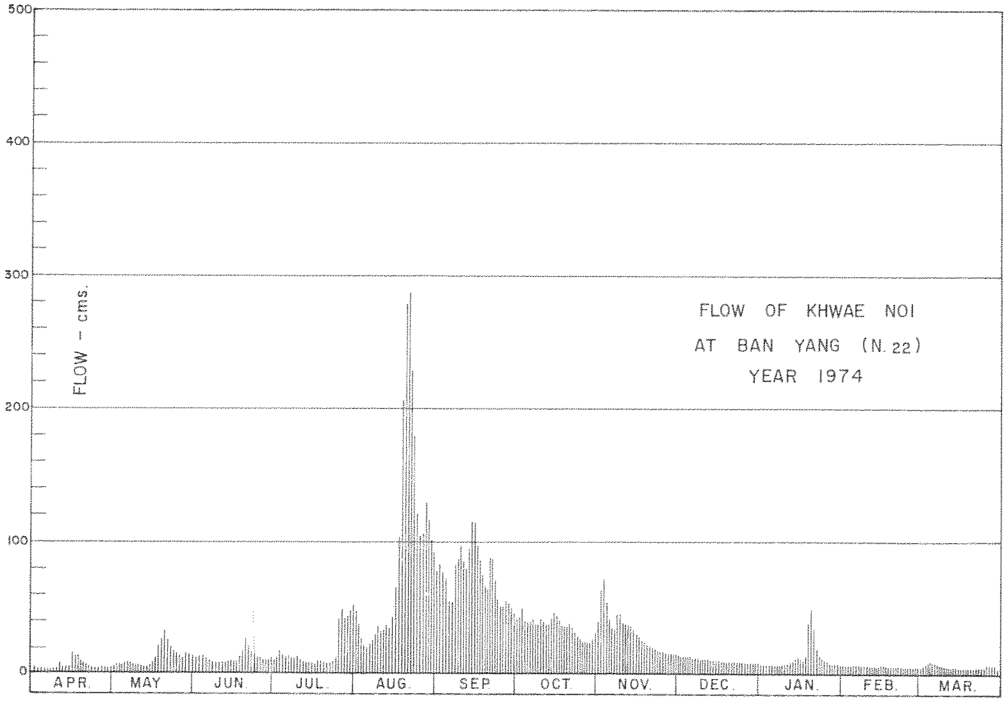
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage–discharge relation defined by 86 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1,1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	43.76	43.86	44.24	44.18	45.33	45.81	45.12	45.16	44.32	44.03	44.00	43.86
2	.75	.91	.22	.21	.10	.92	.10	.61	.31	.03	43.99	.87
3	.75	.86	.28	.53	44.85	.82	.30	.74	.30	.02	.98	.97
4	.74	.98	.31	.35	.63	.77	.12	.42	.28	.01	.98	44.09
5	.73	.97	.25	.23	.54	.54	.07	.11	.27	.00	.97	.09
6	43.71	43.99	44.18	44.29	44.53	45.31	45.08	44.97	44.25	43.99	43.96	44.03
7	.70	44.06	.09	.25	.67	.41	.12	.95	.25	.99	.95	43.99
8	.70	.02	.02	.21	.81	.93	.07	45.20	.23	44.00	.95	.93
9	.68	43.99	.04	.21	.88	.97	44.99	.23	.22	.01	.94	.90
10	.80	.92	.05	.23	.98	46.16	45.13	.07	.21	.02	.93	.87
11	44.01	43.88	44.09	44.21	44.89	45.95	45.13	45.07	44.21	44.06	43.92	43.85
12	43.79	.84	.10	.12	.95	.86	.03	.01	.19	.13	.92	.85
13	.81	.86	.11	.09	45.03	46.05	.03	.00	.17	.14	.91	.84
14	.75	.86	.13	.07	44.95	.42	.09	44.95	.16	.20	.92	.83
15	44.23	.91	.10	.06	45.16	.40	.25	.85	.15	.28	.92	.81
16	44.35	44.09	44.08	44.04	45.63	46.23	45.23	44.76	44.14	44.26	43.94	43.81
17	.19	.05	.15	.04	.67	.02	.11	.70	.12	.18	.92	.81
18	.29	.42	.25	.17	46.53	45.83	.02	.65	.11	.16	.91	.82
19	.10	.66	.35	.12	47.66	.63	44.99	.60	.11	45.00	.89	.83
20	.00	.73	.73	.06	48.46	.59	45.00	.57	.11	.31	.89	.82
21	43.91	44.90	44.59	44.04	48.56	46.01	45.05	44.54	44.09	45.11	43.89	43.81
22	.87	.74	.47	.03	47.99	.00	.98	.50	.08	44.61	.89	.81
23	.80	.64	.38	.08	.25	45.70	.87	.47	.08	.37	.88	.81
24	.78	.46	.28	.10	46.71	.46	.78	.44	.07	.26	.86	.80
25	.75	.37	.25	.27	.25	.33	.72	.42	.07	.18	.85	.81
26	43.74	44.28	44.20	45.14	46.28	45.34	44.68	44.40	44.06	44.14	43.85	43.91
27	.81	.24	.18	.29	.30	.44	.66	.38	.06	.10	.85	.98
28	.79	.14	.15	.08	.63	.41	.65	.37	.05	.07	.85	.96
29	.80	.35	.14	.15	.45	.30	.69	.35	.05	.05	–	.90
30	.81	.30	.25	.21	.20	.21	.77	.33	.05	.03	–	.87
31	–	.27	–	.36	45.99	–	.91	–	.04	.00	–	.85
Mean	43.86	44.18	44.22	44.37	45.87	45.76	44.99	44.83	44.15	44.22	43.92	43.88
Max.	44.35	44.90	44.73	45.36	48.56	46.42	45.98	45.74	44.32	45.31	44.00	44.09
Min.	43.68	43.84	44.02	44.03	44.53	45.21	44.65	44.33	44.04	43.99	43.85	43.80

WATER YEAR 1974 : Max. 48.56 m. Min. 43.68 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.24	5.76	13	11	51	76	42	43	15	8.54	8.00	5.76
2	4.10	6.56	12	12	41	83	41	65	14	8.54	7.84	5.92
3	4.10	5.76	14	20	31	77	50	72	14	8.36	7.68	7.52
4	3.96	7.68	14	16	23	74	42	55	14	8.18	7.68	9.62
5	3.82	7.52	13	13	21	61	39	41	14	8.00	7.52	9.62
6	3.54	7.84	11	14	20	50	40	35	13	7.84	7.36	8.54
7	3.40	9.08	9.62	13	25	55	42	34	13	7.84	7.20	7.84
8	3.40	8.36	8.36	12	29	83	39	45	13	8.00	7.20	6.88
9	3.16	7.84	8.72	13	32	86	36	46	12	8.18	7.04	6.40
10	4.80	6.72	8.90	14	36	97	42	39	12	8.36	6.88	5.92
11	8.18	6.08	9.62	12	32	84	42	39	12	9.08	6.72	5.60
12	4.66	5.44	9.80	10	34	79	38	37	12	10	6.72	5.60
13	4.96	5.67	10	9.62	38	90	38	36	11	11	6.56	5.44
14	4.10	5.67	10	9.26	34	115	40	34	11	12	6.72	5.28
15	13	6.56	9.80	9.08	43	114	47	31	11	14	6.72	4.96
16	16	9.62	9.44	8.72	66	102	46	28	11	13	7.04	4.96
17	12	8.90	11	8.72	67	89	41	26	10	11	6.72	4.96
18	14	17	13	11	122	77	37	24	10	11	6.56	5.12
19	9.80	24	16	10	206	66	36	23	10	36	6.24	5.28
20	8.00	27	27	8.08	277	64	36	22	10	50	6.24	5.12
21	6.56	33	22	8.72	287	88	39	21	9.80	40	6.24	4.96
22	5.92	27	19	8.54	233	87	36	20	9.44	23	6.24	4.96
23	4.80	24	16	9.44	175	70	32	19	9.44	16	6.08	4.96
24	4.52	18	14	9.80	135	57	28	18	9.26	13	5.76	4.80
25	4.10	16	13	14	103	51	26	17	9.26	11	5.60	4.96
26	3.96	14	12	42	105	52	25	17	9.08	11	5.60	6.56
27	4.96	13	11	49	107	56	24	16	9.08	9.80	5.60	7.68
28	4.66	11	11	40	129	55	24	16	8.90	9.26	5.60	7.36
29	4.80	16	11	43	117	50	25	16	8.90	8.90	–	6.40
30	4.96	14	13	46	100	46	28	16	8.90	8.54	–	5.92
31	–	14	–	53	87	–	22	–	8.72	8.00	–	5.60
Total	182.46	389.06	380.26	558.98	2,806	2,234	1,134	951	342.78	418.42	187.36	185.54
Mean	6.08	12.5	12.7	18.0	90.5	74.5	36.6	31.7	11.0	13.5	6.69	5.98
Max.	16	33	27	53	287	115	50	72	15	50	8.00	9.62
Min.	3.16	5.44	8.36	8.54	20	46	24	16	8.72	7.84	5.60	4.80
Runoff - mcm.	15.764	33.615	32.854	48.296	242.438	193.018	97.978	82.166	29.616	36.151	16.188	16.031

WATER YEAR 1975 : Max. 287 Min. 3.16 Mean 26.8 Annual Runoff 844.116 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.21,74	01.00	48.63	295				

NAN RIVER BASIN

Nan River at Ban Phra Fang, Uttaradit (N.23)

Location: Lat. 17^{0}–38'–16" N., Long. 100^{0}–14'–02" E., on right bank about 1 kilometer upstream from Wat Phra Fang and 1.5 kilometers from Phra Fang – Agiu – Ngam road, Amphoe Muang, Uttaradit.

Drainage Area: 16,336 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 56.452 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: about 9 meters from the top of vertical staff gage.
Elevation: + 69.923 m. (M.S.L.)

Gage Reading Frequency: 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: 1963 to date.

Rating Operation:

Period of Rating: 1964–1974.
Rated by Float: –
Rated by Current Meter: 1964–1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

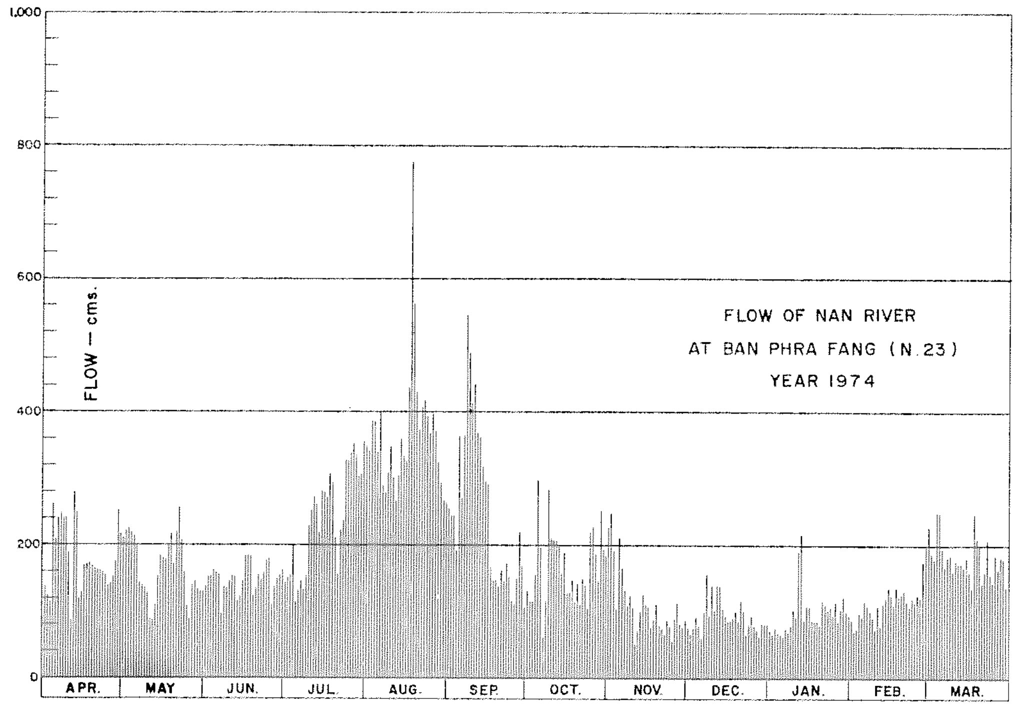
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 17 discharge measurements made in 1973. Flow regulated by Sirikit Dam since June 5, 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	58.34	58.82	58.36	58.39	59.57	59.07	58.31	58.93	57.89	57.87	58.01	58.91
2	.26	.88	.45	.45	.54	.02	.19	59.04	.83	.84	57.87	.67
3	.18	.89	.46	.48	.77	.02	.20	58.70	.92	.92	.90	.62
4	59.10	.86	.51	.75	.76	58.70	.47	.13	58.03	.83	58.08	59.04
5	58.78	.83	.49	.20	.54	59.66	59.31	.82	57.94	.84	.05	.04
6	58.99	58.75	58.46	58.32	59.83	59.16	58.64	58.55	57.77	57.78	58.21	58.71
7	59.03	.39	.07	.42	.26	.86	57.77	.36	58.09	.90	.16	.56
8	58.99	.36	.35	.33	.20	60.53	58.20	.18	.48	.85	.11	.64
9	.99	.35	.34	.49	.36	.26	59.23	.39	.05	.93	.02	.65
10	.62	.28	.41	.93	.58	59.90	58.81	.14	.37	58.12	57.88	.50
11	57.98	58.01	58.46	59.08	59.33	60.03	58.80	57.66	58.12	58.04	58.15	58.60
12	59.20	57.98	.45	.17	.14	59.69	.80	.88	.37	.69	57.93	.58
13	.04	58.18	.20	.11	.36	.65	.74	58.09	.37	.86	58.17	.58
14	58.22	.45	.26	58.87	.63	.42	.49	.28	.12	57.98	.24	.54
15	.31	.64	.42	59.21	.52	.31	.69	.17	.03	58.15	.34	.63
16	58.56	58.62	58.65	59.21	59.47	59.28	58.28	58.14	57.81	58.14	58.27	58.50
17	.57	.61	.65	.16	.99	58.57	.30	57.92	.83	.00	.18	.34
18	.58	.75	.64	.36	61.55	.42	.43	58.01	58.03	57.98	.35	59.03
19	.55	.85	.25	.29	60.61	.44	.20	.17	.10	.98	.25	58.82
20	.53	.56	.34	58.81	59.99	.36	.39	57.93	.00	.94	.27	.74
21	58.51	58.87	58.47	58.48	59.71	58.52	58.17	57.89	58.21	58.21	58.33	58.40
22	.51	59.08	.43	.89	.87	.42	.45	.82	.10	.17	.21	.51
23	.49	58.79	.49	.99	.92	.58	.37	58.00	57.82	.11	.16	.80
24	.47	.50	.61	59.47	.70	.47	.12	57.93	.94	.14	.23	.49
25	.37	.16	.62	.47	.67	.20	.87	.73	58.04	.06	.20	.41
26	58.40	58.01	58.17	59.53	59.83	58.17	58.92	58.02	57.94	58.21	58.27	58.65
27	.46	.37	.35	.60	.69	.44	.66	.19	.88	57.99	.25	.53
28	.60	.42	.44	.52	.46	.87	.42	57.96	.79	58.12	.60	.64
29	59.05	.33	.46	.34	.30	.56	59.05	.91	.96	.26	–	.62
30	58.85	.30	.51	.37	.14	.14	58.70	58.03	.95	.11	–	.35
31	–	.31	–	.61	.14	–	.66	–	.96	.06	–	.14
Mean	58.62	58.52	58.42	58.98	59.66	59.02	58.54	58.16	58.02	58.07	58.17	58.62
Max.	59.20	59.08	58.65	59.61	61.55	60.53	59.31	59.04	58.48	58.86	58.60	59.04
Min.	57.98	57.98	58.07	58.20	59.14	58.14	57.77	57.66	57.77	57.78	57.87	58.14

WATER YEAR 1974 : Max. 61.55 m. Min. 57.66 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	136	211	138	143	347	255	131	230	75	73	89	227
2	124	222	152	152	341	246	115	249	68	69	73	187
3	113	223	154	157	387	246	116	192	78	78	76	179
4	260	218	162	200	385	192	155	106	92	68	99	249
5	205	213	158	116	341	365	298	211	81	69	95	249
6	240	200	154	133	399	271	182	168	62	63	117	194
7	247	143	98	147	289	405	62	138	101	76	110	170
8	240	138	137	134	278	545	116	113	157	70	103	182
9	240	137	136	158	307	489	283	143	95	80	91	184
10	179	127	146	230	349	413	210	108	140	105	74	160
11	86	89	154	256	301	440	208	52	105	94	109	176
12	278	86	152	273	267	371	200	74	140	190	80	173
13	249	113	116	262	307	363	198	101	140	218	112	173
14	119	152	124	220	359	318	158	127	105	86	122	166
15	131	182	147	280	337	298	190	112	92	109	136	181
16	170	179	184	280	327	292	127	108	66	108	126	160
17	171	178	184	271	432	171	130	78	68	88	113	136
18	173	200	182	307	776	147	149	89	92	86	137	247
19	168	216	123	294	562	150	116	112	102	86	123	211
20	165	170	136	210	432	138	143	80	88	81	126	198
21	162	220	155	157	375	163	112	75	117	117	134	144
22	162	256	149	223	407	147	152	67	102	112	117	162
23	158	206	158	240	417	173	140	88	67	103	110	208
24	155	160	178	327	393	155	105	80	81	108	120	158
25	140	110	179	327	367	116	220	58	94	96	116	146
26	144	89	112	339	399	112	228	91	81	117	126	184
27	154	140	137	353	371	150	186	115	74	87	123	165
28	176	147	150	337	325	220	147	83	64	105	176	182
29	251	134	154	303	296	170	251	77	83	124	–	179
30	216	130	162	309	267	108	192	92	82	103	–	137
31	–	131	–	355	267	–	186	–	83	96	–	108
Total	5,412	5,120	4,471	7,493	11,407	7,629	5,214	3,417	2,875	3,065	3,133	5,575
Mean	180	165	149	242	368	254	168	114	92.7	98.9	112	180
Max.	278	256	184	355	776	545	298	249	157	218	176	249
Min.	86	86	98	116	267	108	62	52	62	63	73	108
Runoff – mcm.	467.597	442.368	386.294	647.395	985.565	659.145	450.490	295.229	248.400	264.816	270.691	481.680

WATER YEAR 1974 : Max. 776 Min. 52 Mean 177 Annual Runoff 5,599.670 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18,74	09.00	61.88	855				

NAN RIVER BASIN

Khlong Khek at Ban Wang Nok Aen, Phitsanulok (N.24)

Location: Lat. 16°-50'-35" N., Long. 100°-31'-20" E., on right bank about 2 kilometers downstream from Sakunothayan Fall, Amphoe Wang Thong, Phitsanulok.

Drainage Area: 1,861 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near the gage site.
Elevation: + 12.845 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1965 to date.

Rating Operation:

Period of Rating: 1965-1974.
Rated by Float: -
Rated by Current Meter: 1965-1974.

Stability of Channel Regimes: Fairly stable with variable water surface slope, no shifting adjustment for flow computation.

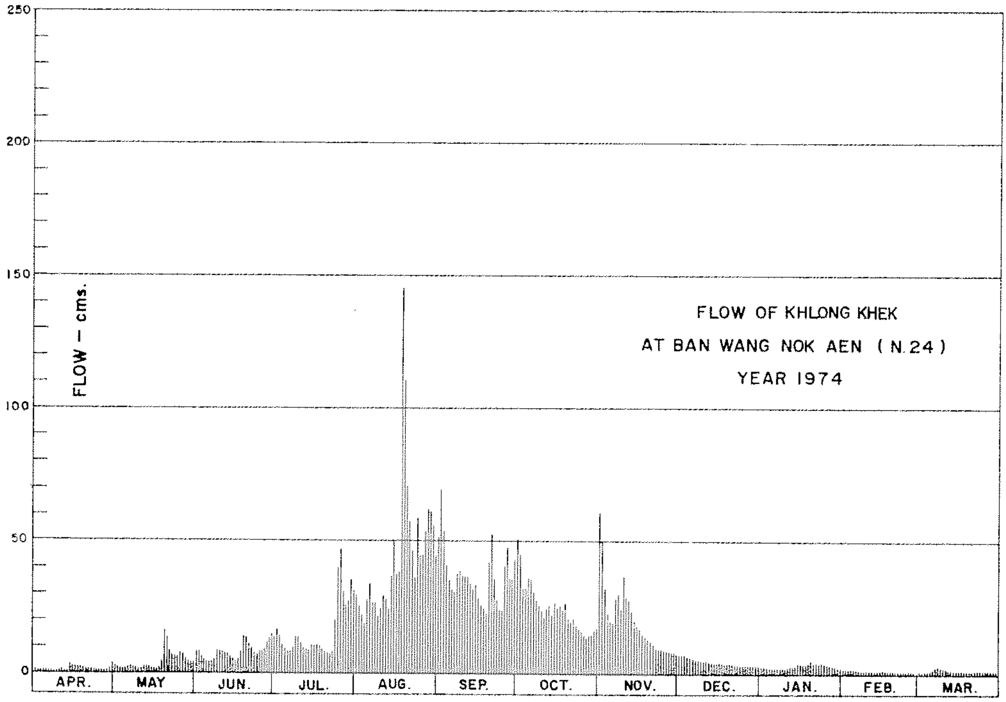
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 74 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.60	0.85	1.33	1.63	2.40	3.81	3.13	3.45	1.23	0.85	0.79	0.66
2	.58	.79	.28	.76	.22	.72	2.93	.10	.22	.85	.78	.64
3	.58	.73	.17	.64	.01	.23	.46	2.46	.20	.84	.77	.63
4	.56	.70	.10	.48	1.89	2.83	.46	.07	.18	.83	.75	.65
5	.55	.69	.03	.35	2.31	.63	.63	1.92	.16	.82	.75	.67
6	0.55	0.77	0.99	1.32	2.53	1.46	2.64	1.92	1.14	0.82	0.74	0.76
7	.53	.83	1.03	.33	.25	.43	.43	2.32	.13	.82	.74	.85
8	.52	.77	.11	.41	.28	.69	.29	.39	.12	.82	.73	.87
9	.51	.74	.32	.65	.05	.74	.23	.18	.09	.82	.72	.82
10	.55	.69	.29	.64	.18	.68	.12	.67	.08	.82	.72	.77
11	0.65	0.67	1.28	1.51	2.37	2.67	1.99	2.34	1.07	0.84	0.71	0.75
12	.61	.76	.21	.40	.30	.65	2.20	.29	.05	.86	.70	.71
13	.60	.80	.22	.35	.17	.58	.24	.15	.04	.88	.69	.69
14	.89	.76	.15	.34	.65	.47	.05	1.94	.03	.93	.68	.70
15	.83	.73	.10	.47	3.09	.53	.25	.83	.01	1.04	.69	.68
16	0.80	0.72	1.04	1.49	2.71	2.35	2.16	1.76	1.01	0.99	0.72	0.67
17	.78	.69	.13	.48	.75	.21	.24	.69	0.99	.98	.72	.68
18	.76	.74	.29	.47	5.66	.17	.12	.64	.98	.98	.71	.65
19	.74	1.03	.65	.38	4.81	.07	.25	.59	.96	1.03	.70	.63
20	.70	.72	.61	.30	3.75	.84	1.96	.54	.96	.10	.70	.64
21	0.66	1.57	1.47	1.25	3.36	3.19	1.94	1.49	0.95	0.99	0.69	0.64
22	.70	.23	.39	.24	.00	2.61	.98	.42	.94	.96	.68	.66
23	.69	.14	.27	.32	2.68	.31	.85	.39	.92	.97	.68	.67
24	.65	.18	.22	.92	3.39	.14	.77	.37	.92	1.03	.68	.66
25	.62	.18	.29	2.77	2.93	.12	.71	.36	.92	0.98	.67	.62
26	0.61	1.25	1.30	3.00	2.95	2.80	1.64	1.33	0.91	0.94	0.68	0.64
27	.61	.21	.36	2.44	3.22	3.04	.62	.31	.91	.90	.66	.72
28	.60	.10	.52	.24	.49	2.62	.68	.29	.90	.86	.66	.69
29	.68	.03	.62	.29	.46	.61	.70	.28	.89	.84	-	.68
30	.92	0.99	.66	.64	.31	.86	.80	.25	.88	.82	-	.65
31	-	1.00	-	.46	2.95	-	.82	-	.87	.80	-	.63
Mean	0.65	0.94	1.28	1.71	2.87	2.65	2.14	1.89	1.02	0.90	0.71	0.69
Max.	0.92	1.72	1.66	3.00	5.66	3.72	3.13	3.45	1.23	1.10	0.79	0.87
Min.	0.51	0.67	0.99	1.24	1.89	2.07	1.62	1.25	0.87	0.80	0.66	0.63

WATER YEAR 1974 : Max. 5.66 m. Min. 0.51 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.80	3.00	8.95	14	30	52	51	61	7.45	3.00	2.40	1.22
2	0.72	2.40	8.20	17	26	70	45	50	7.30	3.00	2.30	1.08
3	0.72	1.80	6.55	14	22	54	32	32	7.00	2.90	2.20	1.01
4	0.64	1.50	5.50	11	19	42	32	23	6.70	2.80	2.00	1.15
5	0.60	1.46	4.80	9.25	28	36	36	20	6.40	2.70	2.00	1.29
6	0.60	2.20	4.40	8.80	34	32	36	20	6.10	2.70	1.90	2.10
7	0.52	2.80	4.80	8.95	27	31	31	28	5.95	2.70	1.90	3.00
8	0.48	2.20	5.65	10	27	38	28	30	5.80	2.70	1.80	3.20
9	0.44	1.90	8.80	14	22	39	26	25	5.40	2.70	1.70	2.70
10	0.60	1.46	8.35	14	25	37	24	37	5.30	2.70	1.70	2.20
11	1.15	1.29	8.20	12	30	37	21	29	5.20	2.90	1.60	2.00
12	0.87	2.10	7.15	10	28	37	25	28	5.00	3.10	1.50	1.60
13	0.80	2.50	7.30	9.25	25	35	26	24	4.90	3.30	1.43	1.43
14	3.40	2.10	6.25	9.10	37	32	22	20	4.80	3.80	1.36	1.50
15	2.80	1.80	5.50	11	50	34	27	18	4.60	4.90	1.43	1.36
16	2.50	1.70	4.90	11	38	29	25	17	4.60	4.40	1.70	1.29
17	2.30	1.46	5.95	11	39	26	26	15	4.40	4.30	1.70	1.36
18	2.10	1.90	8.35	11	145	25	24	14	4.30	4.30	1.60	1.15
19	1.90	4.80	14	9.70	111	23	27	13	4.10	4.80	1.50	1.01
20	1.50	16	14	8.50	71	42	21	12	4.10	5.50	1.50	1.08
21	1.22	13	11	7.75	58	53	20	11	4.00	4.40	1.43	1.08
22	1.50	7.45	9.35	7.60	47	36	21	10	3.90	4.10	1.36	1.22
23	1.46	6.10	8.05	8.80	37	28	18	9.85	3.70	4.20	1.36	1.29
24	1.15	6.70	7.30	20	59	24	17	9.55	3.70	4.80	1.36	1.22
25	0.94	6.70	8.35	40	45	24	16	9.40	3.70	4.30	1.29	0.94
26	0.87	7.75	8.50	47	45	41	14	8.95	3.60	3.90	1.36	1.08
27	0.87	7.15	9.40	31	54	48	14	8.65	3.60	3.50	1.22	1.70
28	0.80	5.50	12	26	62	36	15	8.35	3.50	3.10	1.22	1.43
29	1.36	4.80	14	28	61	36	15	8.20	3.40	2.90	–	1.36
30	3.70	4.40	15	36	56	43	17	7.75	3.30	2.70	–	1.15
31	–	4.50	–	32	45	–	18	–	3.20	2.50	–	1.01
Total	39.31	130.42	251.05	507.70	1,403	1,120	770	607.70	149.00	109.60	45.82	46.21
Mean	1.31	4.21	8.37	16.4	45.2	37.3	24.8	20.2	4.81	3.53	1.64	1.49
Max.	3.70	16	15	47	145	70	51	61	7.45	5.50	2.40	3.20
Min.	0.44	1.29	4.40	7.60	19	23	14	7.75	3.20	2.50	1.22	1.01
Runoff - MCM.	3.396	11.268	21.691	43.865	121.219	96.768	66.528	52.505	12.874	9.469	3.959	3.992

WATER YEAR 1974 : Max. 145 Min. 0.44 Mean 14.2 Annual Runoff 447.535 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	10.00	5.92	156				

NAN RIVER BASIN

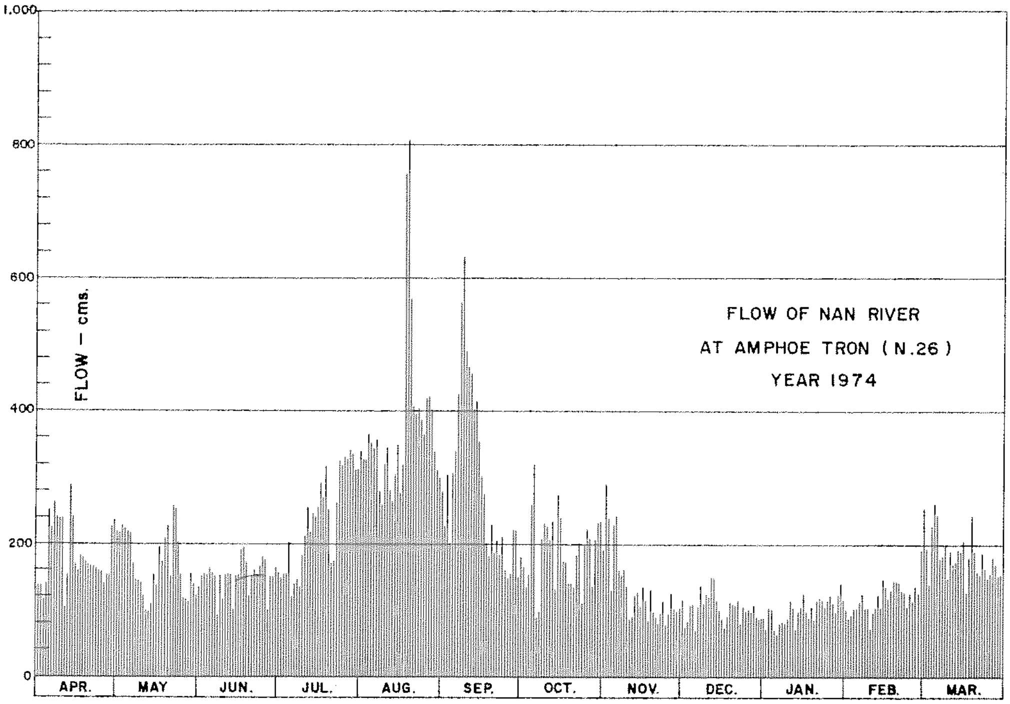
Nan River at Amphoe Tron, Uttaradit (N.26)

Location:	Lat. 17°-29'-00" N., Long. 100°-06'-58" E., on right bank about 500 meters upstream from Tron Railway Station, opposite to District Office of Amphoe Tron, Uttaradit.
Drainage Area:	17,350 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S. No. 1
Location:	infront of gage observer's house.
Elevation:	+ 9.594 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:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1974.
Rated by Float:	-
Rated by Current Meter:	1965-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 30 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.70	2.26	1.70	1.85	2.99	2.63	2.03	2.10	1.55	1.28	1.39	2.49
2	.71	.25	.81	.79	.91	.32	1.92	.71	.15	.11	.27	.13
3	.55	.32	.83	.83	.92	.79	.69	.39	.25	.43	.12	1.72
4	.75	.29	.83	.84	3.12	.17	.84	1.65	.46	.42	.42	2.33
5	2.46	.26	.90	2.17	.05	.80	2.52	2.32	.48	.10	.42	.53
6	2.31	2.25	1.85	1.57	3.01	2.98	2.87	2.41	1.09	1.03	1.52	2.43
7	.54	1.95	.80	.73	.09	3.44	1.28	1.89	.49	.20	.61	.01
8	.40	.77	.32	.78	2.65	4.12	.39	.83	.71	.23	.42	.04
9	.39	.76	.81	.69	.52	.41	2.19	.89	.49	.21	.43	.13
10	.38	.74	.54	2.05	.89	3.78	.34	.71	.61	.28	.12	1.79
11	1.43	1.56	1.82	2.23	3.02	3.66	2.32	1.24	1.56	1.53	1.36	2.09
12	.84	.37	.83	.49	2.66	.60	.20	.31	.80	.40	.45	1.95
13	2.70	.36	.83	.26	.56	.34	.36	.59	.80	.11	.60	.97
14	.40	.49	.40	.44	.83	.40	1.68	.62	.53	.38	.43	2.09
15	1.94	.82	.82	.40	3.04	.10	2.61	.46	.39	.46	.78	.09
16	1.86	1.71	1.83	2.52	2.64	2.77	2.39	1.69	1.25	1.62	1.70	2.17
17	2.03	2.12	2.09	.71	2.88	.61	1.97	.54	.14	.38	.56	1.62
18	.01	1.98	.11	.59	4.92	.16	.97	.24	.31	.29	.67	2.02
19	1.97	2.20	1.97	.85	5.12	.03	1.74	.68	.51	.45	.76	.41
20	.94	.32	.58	.42	4.13	.34	.74	.38	.49	.28	.76	.09
21	1.93	1.81	1.80	1.95	3.38	2.06	1.69	1.30	1.47	1.55	1.75	1.86
22	.92	2.52	.87	.99	.29	.19	2.05	.19	.54	.56	.65	.83
23	.89	.48	.83	2.53	.35	.05	.16	.41	.20	.55	.64	2.07
24	.88	.18	.93	.90	.25	.21	1.50	.52	.45	.46	.45	1.90
25	.87	1.84	2.02	.87	3.13	1.90	2.12	.19	.38	.55	.61	.80
26	1.73	1.55	1.99	2.94	3.42	1.79	2.30	1.35	1.41	1.60	1.52	1.84
27	.84	.55	.39	.93	.43	.85	2.21	.62	.36	.49	.69	2.02
28	.85	.51	.79	3.00	.34	2.29	1.70	.42	.47	.39	.62	1.94
29	2.32	.85	.80	2.96	2.99	.29	2.20	.38	.30	.62	-	.96
30	.38	.73	.91	.82	.83	1.81	.35	.61	.27	.74	-	.82
31	-	.58	-	.84	.78	-	.37	-	.29	.55	-	.69
Mean	2.03	1.91	1.80	2.35	3.16	2.86	2.05	1.69	1.41	1.39	1.52	2.03
Max.	2.70	2.52	2.11	3.00	5.12	4.41	2.87	2.71	1.80	1.74	1.78	2.53
Min.	1.43	1.36	1.32	1.57	2.52	1.79	1.28	1.19	1.09	1.03	1.12	1.62

WATER YEAR 1974 : Max. 5.12 m. Min. 1.03 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	137	218	137	156	340	277	181	192	118	90	101	254
2	138	216	151	149	326	227	166	290	77	73	89	197
3	118	227	154	154	328	304	136	238	87	105	74	140
4	143	222	154	155	364	203	155	130	109	104	104	229
5	250	218	163	203	351	306	259	227	111	72	104	261
6	226	216	156	121	344	338	319	242	71	66	115	245
7	262	170	150	141	358	424	90	162	112	82	125	178
8	240	146	94	147	280	564	101	154	138	85	104	183
9	238	145	151	136	259	632	206	162	112	83	105	197
10	237	142	117	184	322	492	230	138	125	90	74	149
11	105	120	154	213	346	468	227	86	120	116	98	190
12	155	99	154	254	282	456	208	93	150	102	107	170
13	288	98	154	218	266	403	234	123	150	73	124	173
14	240	112	102	246	311	416	134	127	116	100	105	190
15	169	153	153	240	349	360	274	109	101	109	147	190
16	158	138	154	259	278	361	238	136	87	127	137	203
17	181	195	190	290	320	274	173	117	76	100	120	127
18	178	174	194	270	755	202	173	86	93	91	133	180
19	173	208	173	315	805	181	142	134	114	107	145	242
20	169	227	122	243	567	230	142	100	112	90	145	190
21	167	151	150	170	408	186	136	92	110	118	143	158
22	166	259	159	176	395	206	184	81	117	120	130	154
23	162	253	154	261	403	184	202	103	82	118	129	187
24	160	205	167	324	387	210	113	115	107	108	107	163
25	159	155	180	319	365	163	195	81	100	118	125	150
26	141	118	176	331	470	149	224	97	103	124	115	155
27	155	118	101	329	422	156	209	127	98	112	136	180
28	156	114	149	342	403	222	137	104	110	101	127	169
29	227	156	150	334	340	222	208	100	92	127	–	171
30	237	141	164	310	311	151	232	125	89	142	–	153
31	–	122	–	313	302	–	235	–	91	118	–	136
Total	5,535	5,236	4,476	7,303	11,707	8,907	5,863	4,071	3,278	3,171	3,268	5,664
Mean	184	168	149	235	378	396	189	135	106	102	116	182
Max.	288	259	194	342	805	632	319	290	150	142	147	261
Min.	105	98	94	121	259	149	90	81	71	66	74	127
Runoff – MCM.	478.224	452.390	386.726	630.979	1,011.485	769.565	506.563	351.734	283.219	273.974	282.355	489.370

WATER YEAR 1974 : Max. 805 Min. 66 Mean 188 Annual Runoff 5,916.586 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18,74	18.00	5.44	888				

NAN RIVER BASIN

Nan River at Amphoe Phrom Phiram, Phitsanulok (N.27)

Location: Lat. 17°-01'-37" N., Long. 100°-12'-12" E., on left bank about 200 meters downstream from Phrom Phiram railway station, Amphoe Phrom Phiram, Phitsanulok.

Drainage Area: 19,549 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 38.20 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: about 10 meters from the top of vertical staff gage.
Elevation: + 48.244 m. (M.S.L.)

Gage Reading Frequency: 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.
Rated by Float: -
Rated by Current Meter: 1965-1974.

Stability of Channel Regimes: Stable with variable water surface slope, no shifting adjustment for flow computation.

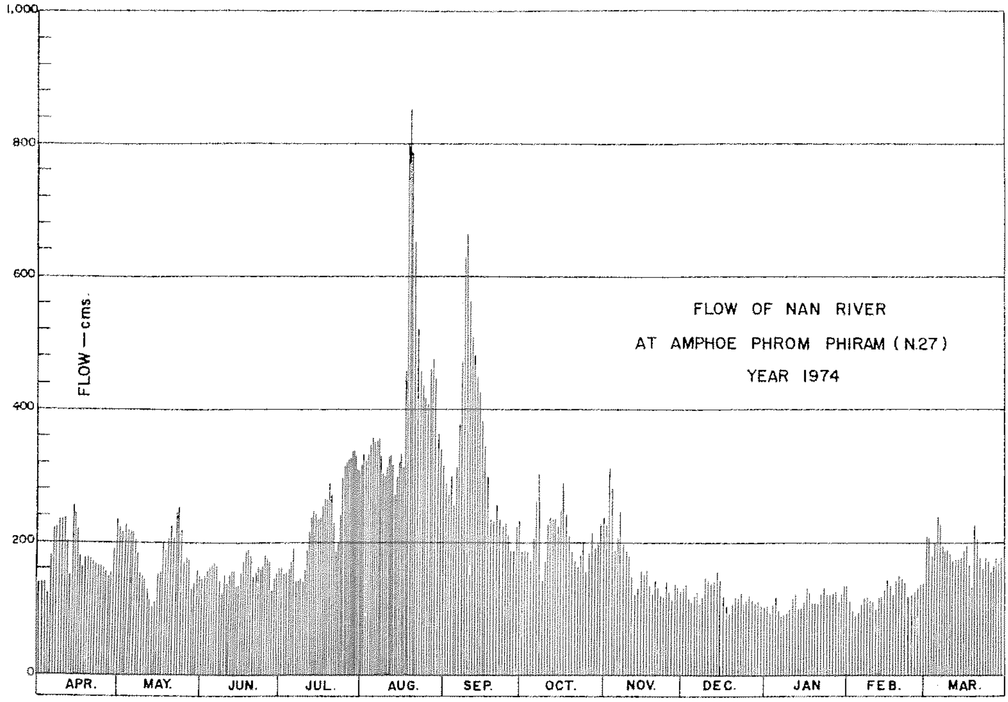
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 29 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	40.30	41.22	40.35	40.52	41.86	41.90	40.71	41.26	40.24	39.89	40.16	40.27
2	.30	.05	.35	.50	42.02	.75	.76	.10	.28	.90	.00	.98
3	.32	.02	.43	.41	41.94	.49	.77	.84	.02	.75	39.87	.92
4	.12	.13	.50	.44	42.05	.74	.60	.57	39.93	.94	.73	.55
5	.39	.07	.52	.56	.26	.23	.61	40.75	40.08	40.04	.76	.96
6	41.14	41.04	40.56	40.80	42.17	41.78	41.41	41.00	40.15	39.85	39.93	41.23
7	.04	.01	.54	.29	.19	42.16	.78	.33	39.93	.73	.99	.15
8	.20	40.74	.40	.31	.19	.79	40.44	40.93	40.01	.74	40.10	40.79
9	.21	.43	.03	.37	41.83	43.90	.17	.72	.34	.80	.04	.76
10	.23	.37	.37	.28	.75	44.22	41.08	.78	.35	.84	.00	.79
11	41.15	40.35	40.24	40.67	41.94	43.62	41.23	40.59	40.25	39.97	39.99	40.58
12	40.39	.18	.42	.99	41.06	.32	.26	.11	.29	40.16	.83	.65
13	.45	39.94	.45	41.26	41.89	.10	.20	.09	.33	.02	40.04	.65
14	41.39	.87	.45	.32	.52	42.85	.26	.33	.46	39.85	.07	.63
15	.24	40.03	.10	.26	.81	.72	40.95	.49	.30	.89	.08	.69
16	40.79	40.45	40.36	41.17	42.04	42.40	41.68	40.36	40.08	40.05	40.35	40.77
17	.50	.44	.51	.34	41.85	.12	.45	.46	39.93	.21	.31	.85
18	.66	.85	.73	.48	42.23	41.74	.02	.30	.78	.08	.19	.42
19	.68	.76	.82	.44	44.79	.23	40.95	.05	.90	39.95	.08	.19
20	.67	.97	.67	.66	45.25	.12	.68	.34	40.05	.98	.35	41.11
21	40.62	41.12	40.32	41.35	44.49	41.42	40.59	40.26	40.06	39.96	40.40	40.88
22	.59	40.84	.40	40.79	43.49	.21	.46	.14	.05	40.12	.35	.63
23	.57	41.35	.51	.72	.01	.21	.75	.02	.15	.22	.26	.48
24	.56	.38	.48	41.22	42.87	.04	.90	.11	39.92	.18	.07	.68
25	.53	.01	.58	.76	.69	.14	.41	.29	40.05	.10	.04	.65
26	40.51	40.58	40.67	41.90	42.57	40.86	40.75	40.02	40.11	40.10	40.16	40.44
27	.38	.21	.62	.95	.92	.72	41.02	.00	.01	.15	.13	.51
28	.45	.24	.12	.99	43.07	.79	40.98	.27	39.94	.16	.23	.68
29	.50	.35	.34	42.07	42.85	41.16	.60	.23	40.00	39.98	-	.57
30	.96	.49	.45	41.98	.39	.19	41.23	.12	39.91	40.13	-	.68
31	-	.43	-	.80	.10	-	-	-	.88	.28	-	.54
Mean	40.69	40.67	40.44	41.11	42.52	41.93	40.92	40.53	40.09	40.00	40.09	40.70
Max.	41.39	41.38	40.82	42.07	45.25	44.22	41.78	41.84	40.46	40.28	40.40	41.23
Min.	40.12	39.87	40.03	40.28	41.75	40.72	40.17	40.00	39.88	39.73	39.73	40.27

WATER YEAR 1974 : Max. 45.25 m. Min. 39.73 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	140	235	145	162	311	316	181	240	134	102	126	137
2	140	216	145	160	331	298	186	222	138	103	112	209
3	142	213	153	151	321	267	187	309	114	90	100	202
4	123	225	160	154	334	297	170	276	106	107	88	165
5	149	219	162	166	362	236	171	185	119	116	91	207
6	226	215	166	190	350	302	257	211	125	98	105	236
7	215	212	164	139	353	349	302	248	106	88	111	227
8	233	184	150	141	353	434	154	203	113	89	121	189
9	234	153	115	147	308	611	127	182	144	94	116	186
10	236	147	147	138	298	665	220	188	145	98	112	189
11	227	145	134	177	321	563	236	169	135	109	111	168
12	149	128	152	210	336	513	240	122	139	126	97	175
13	155	107	155	240	315	480	233	120	143	114	116	175
14	255	100	155	246	270	442	240	143	156	98	118	173
15	237	115	121	240	305	424	205	159	140	102	119	179
16	189	155	146	230	333	380	290	146	119	116	145	187
17	160	154	161	249	310	344	262	156	106	131	141	195
18	176	195	183	266	358	297	213	140	92	119	129	152
19	178	186	192	261	768	236	205	116	103	107	119	129
20	177	208	177	287	850	224	178	144	116	110	145	223
21	172	224	142	250	713	258	169	136	117	108	150	198
22	169	194	150	189	541	234	156	125	116	123	145	173
23	167	250	161	182	466	234	185	114	125	132	136	158
24	166	254	158	235	445	215	200	122	105	128	118	178
25	163	212	168	299	420	226	151	139	116	121	116	175
26	161	168	177	316	403	196	185	114	122	121	126	154
27	148	131	172	322	453	182	213	112	113	125	124	161
28	155	134	123	327	475	189	209	137	107	126	133	178
29	160	145	144	337	442	229	170	133	112	110	–	167
30	207	159	155	326	379	232	210	123	104	124	–	178
31	–	153	–	304	341	–	236	–	101	138	–	164
Total	5,409	5,536	4,633	7,041	12,565	9,873	6,341	4,934	3,731	3,473	3,370	5,587
Mean	183	178	154	227	405	329	204	164	120	112	120	180
Max.	255	254	192	337	850	665	302	309	156	138	150	236
Min.	123	100	115	139	270	182	127	112	101	88	88	137
Runoff - MCM.	467.338	478.310	400.291	608.342	1,086.616	853.027	547.862	426.298	322.358	300.067	291.168	482.717

WATER YEAR 1974 : Max. 850 Min. 88 Mean 199 Annual Runoff 6,263.395 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20, 74	06.00	45.37	873				

NAN RIVER BASIN

Khlong Tron at Ban Nam Lai, Uttaradit (N.28)

Location: Lat. 17^{0}-34'-10" N., Long. 100^{0}-27'-04" E., on left bank at Ban Nam Lai, Amphoe Nam Pat, Uttaradit.

Drainage Area: 478 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near staff gage site.
Elevation: + 6.039 m. (A.D.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 readings.

Period of Available Gage Records: 1967 to date.

Rating Operation:

Period of Rating: 1967-1970.
Rated by Float: -
Rated by Current Meter: 1967-1970.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

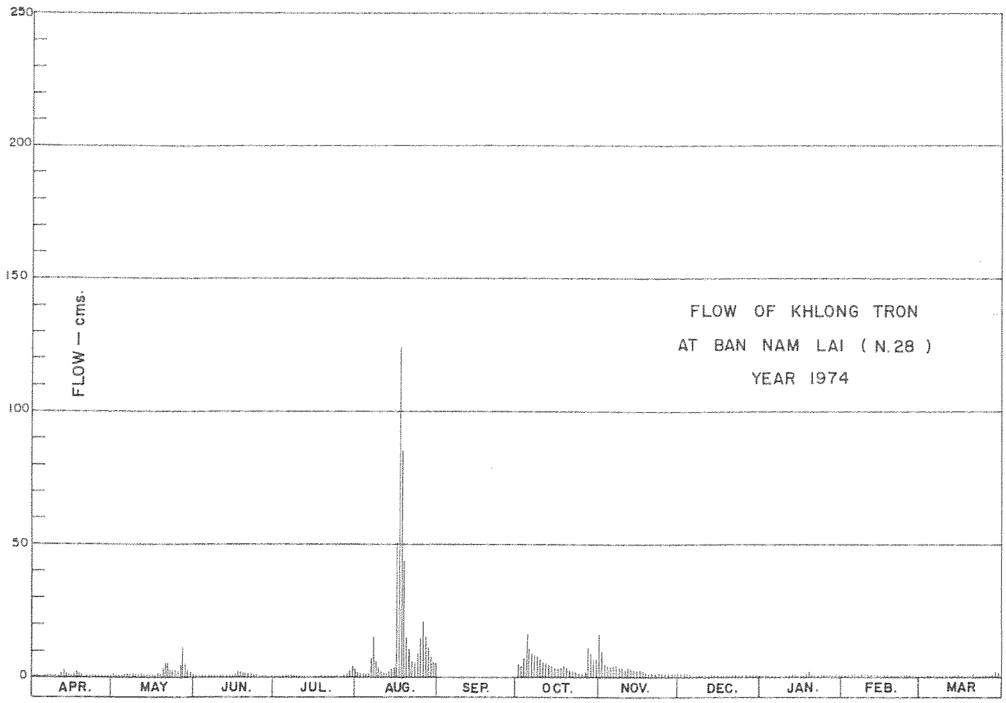
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 545 discharge measurements made during 1967-1970.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.43	0.71	0.66	0.51	0.91		1.21	1.98	0.72	0.55	0.57	0.50
2	.43	.66	.65	.51	.79		.15	.49	.71	.55	.56	.52
3	.50	.60	.63	.50	.70		.13	.25	.70	.55	.56	.55
4	.48	.55	.61	.49	.78		.49	.14	.69	.55	.55	.54
5	.43	.61	.59	.49	.72		.94	.08	.68	.55	.54	.50
6	0.41	0.62	0.56	0.51	0.78		1.60	1.13	0.68	0.55	0.54	0.50
7	.39	.54	.56	.52	1.90		.46	.13	.67	.57	.54	.51
8	.40	.48	.55	.52	.52		.46	.07	.66	.58	.54	.49
9	.41	.49	.54	.50	.15		.44	.02	.66	.57	.53	.49
10	.46	.50	.53	.49	0.96		.30	0.97	.65	.59	.53	.48
11	0.79	0.48	0.56	0.48	0.85		1.24	1.04	0.65	0.60	0.53	0.47
12	1.00	.49	.55	.47	.81		.20	.12	.64	.71	.52	.46
13	0.79	.50	.53	.46	.95		.14	.03	.64	.80	.52	.46
14	.76	.48	.51	.45	1.05		.13	0.97	.63	.72	.51	.45
15	.61	.50	.57	.44	.04		.08	.93	.63	.67	.51	.45
16	0.68	0.50	0.71	0.43	1.14		1.04	0.89	0.62	0.64	0.51	0.45
17	.97	.59	.85	.44	4.40		.02	.88	.62	.63	.51	.45
18	.68	.73	.87	.45	3.96		.06	.86	.61	.82	.50	.44
19	.50	.65	.75	.45	2.51		.10	.82	.61	1.00	.50	.44
20	.49	1.21	.72	.45	1.93		.06	.81	.60	0.81	.50	.47
21	0.47	1.25	0.77	0.44	1.56	No Record	0.95	0.80	0.60	0.70	0.50	0.75
22	.45	0.92	.73	.46	.33		.88	.79	.59	.66	.50	.57
23	.42	.95	.70	.46	.25		.85	.78	.59	.65	.49	.56
24	.42	.95	.58	.44	.30		.83	.77	.59	.63	.49	.53
25	.42	.84	.59	.52	.86		.82	.76	.58	.61	.49	.49
26	0.55	0.80	0.57	0.54	2.19		0.81	0.75	0.57	0.61	0.49	0.47
27	.64	1.65	.58	.62	1.91		.83	.74	.57	.60	.49	.47
28	.65	.11	.55	.79	.76		1.66	.73	.56	.60	.49	.46
29	.60	0.87	.53	.91	.55		.46	.73	.56	.60	-	.46
30	.69	.77	.51	.85	.36		.32	.72	.56	.59	-	.45
31	-	.72	-	1.12	.22		.37	-	.55	.59	-	.45
Mean	0.56	0.73	0.62	0.53	1.48		1.19	0.97	0.62	0.64	0.51	0.49
Max.	1.00	1.65	0.87	1.12	4.40		1.94	1.98	0.72	1.00	0.57	0.75
Min.	0.39	0.48	0.51	0.43	0.70		0.81	0.72	0.55	0.55	0.49	[illegible]

WATER YEAR 1974 : Max. 4.40 m. Min. 0.39 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.16	1.16	0.90	0.33	2.48		5.20	16	1.22	0.45	0.51	0.30
2	0.16	0.90	0.85	0.33	1.64		4.60	8.49	1.16	0.45	0.48	0.36
3	0.30	0.60	0.75	0.30	1.10		4.40	5.60	1.10	0.45	0.48	0.45
4	0.26	0.45	0.65	0.28	1.58		8.47	4.50	1.05	0.45	0.45	0.42
5	0.16	0.65	0.57	0.28	1.22		16	3.92	1.00	0.45	0.42	0.30
6	0.12	0.70	0.48	0.33	1.58		10	4.40	1.00	0.45	0.42	0.30
7	0.09	0.42	0.48	0.36	15		8.08	4.40	0.95	0.51	0.42	0.33
8	0.10	0.26	0.45	0.36	8.88		8.08	3.83	0.90	0.54	0.42	0.28
9	0.12	0.28	0.42	0.30	4.60		7.82	3.38	0.90	0.51	0.39	0.28
10	0.22	0.30	0.39	0.28	2.88		6.10	2.96	0.85	0.57	0.39	0.26
11	1.64	0.26	0.48	0.26	2.05		5.50	3.56	0.85	0.60	0.39	0.24
12	3.20	0.28	0.45	0.24	1.77		5.10	4.30	0.80	1.16	0.36	0.22
13	1.64	0.30	0.39	0.22	2.80		4.50	3.47	0.80	1.70	0.36	0.22
14	1.46	0.26	0.33	0.20	3.65		4.40	2.96	0.75	1.22	0.33	0.20
15	0.65	0.30	0.51	0.18	3.56		3.92	2.64	0.75	0.95	0.33	0.20
16	1.00	0.30	1.16	0.16	4.50		3.56	2.33	0.70	0.80	0.33	0.20
17	2.96	0.57	2.05	0.18	124		3.38	2.26	0.70	0.75	0.33	0.20
18	1.00	1.28	2.19	0.20	94		3.74	2.12	0.65	1.84	0.30	0.18
19	0.30	0.85	1.40	0.20	29		4.10	1.84	0.65	3.20	0.30	0.18
20	0.28	5.20	1.22	0.20	15		3.74	1.77	0.60	1.77	0.30	0.24
21	0.24	5.60	1.52	0.18	9.44		2.80	1.70	0.60	1.10	0.30	1.40
22	0.20	2.56	1.28	0.22	6.46		2.26	1.64	0.57	0.90	0.30	0.51
23	0.14	2.80	1.10	0.22	5.60		2.05	1.58	0.57	0.85	0.28	0.48
24	0.14	2.80	0.54	0.18	6.10		1.91	1.52	0.57	0.75	0.28	0.39
25	0.14	1.98	0.57	0.36	14		1.84	1.46	0.54	0.65	0.28	0.28
26	0.45	1.70	0.51	0.42	21		1.77	1.40	0.51	0.65	0.28	0.24
27	0.80	11	0.54	0.70	15		1.91	1.34	0.51	0.60	0.28	0.24
28	0.85	4.20	0.45	1.64	12		11	1.28	0.48	0.60	0.28	0.22
29	0.60	2.19	0.39	2.48	9.30		8.08	1.28	0.48	0.60	–	0.22
30	1.05	1.52	0.33	2.05	6.82		6.34	1.22	0.48	0.57	–	0.20
31	–	1.22	–	4.30	5.30		6.94	–	0.45	0.57	–	0.20
Total	20.43	52.89	23.35	17.94	432.31		167.59	99.15	23.14	26.66	9.99	9.74
Mean	0.681	1.70	0.778	0.578	13.9		5.40	3.30	0.746	0.860	0.356	0.314
Max.	3.20	11	2.19	4.30	124		16	16	1.22	3.20	0.51	1.40
Min.	0.09	0.26	0.33	0.16	1.10		1.77	1.22	0.45	0.45	0.28	0.18
Runoff - mcm.	1.765	4.570	2.017	1.550	37.351		14.480	8.566	1.999	2.303	0.863	0.841

WATER YEAR 1974 : Max. 124 Min. 0.09 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.17	20.00	6.63	359				

NAN RIVER BASIN

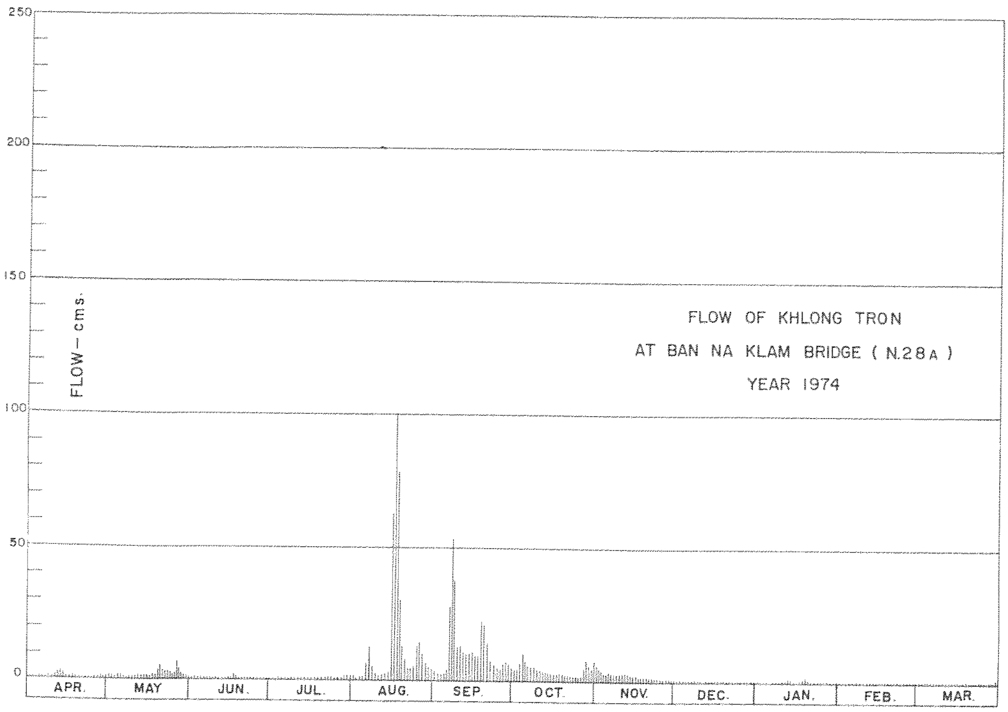
Khlong Tron at Ban Na Klam Bridge, Uttaradit (N.28A)

Location:	Lat. 17°-35'-00" N., Long. 100°-29'-30" E., on left bank at Ban Na Klam Bridge about 7 kilometers upstream from station N28, Amphoe Nam Pat, Uttaradit.
Drainage Area:	368 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 18.012 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 23.769 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1971 to date.
Rating Operation:	
Period of Rating:	1971 to date.
Rated by Float:	-
Rated by Current Meter:	1971 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 224 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.33	1.50	1.49	1.36	1.62	1.73	1.78	1.96	1.47	1.39	1.34	1.29
2	.28	.49	.48	.35	.53	.70	.73	.83	.47	.37	.34	.32
3	.42	.43	.44	.35	.47	.66	.82	.76	.46	.36	.34	.33
4	.30	.48	.42	.34	.51	.64	.94	.71	.46	.35	.33	.32
5	.28	.53	.40	.35	.52	.60	2.06	.68	.45	.35	.33	.30
6	1.28	1.45	1.40	1.35	1.63	1.79	1.92	1.72	1.44	1.35	1.33	1.29
7	.28	.39	.39	.36	2.16	2.22	.83	.72	.45	.36	.32	.28
8	.27	.37	.38	.36	.92	.98	.84	.69	.44	.38	.32	.27
9	.27	.37	.37	.36	.74	.26	.82	.66	.43	.39	.32	.27
10	.32	.36	.38	.35	.64	.13	.78	.64	.43	.40	.31	.26
11	1.60	1.37	1.39	1.33	1.59	2.17	1.76	1.67	1.42	1.42	1.31	1.26
12	.68	.35	.37	.31	.57	.09	.73	.72	.42	.51	.31	.26
13	.64	.33	.37	.30	.64	.06	.73	.67	.41	.54	.31	.26
14	.52	.38	.36	.29	.70	.07	.71	.64	.41	.49	.30	.26
15	.44	.36	.40	.29	.72	.12	.68	.62	.40	.46	.31	.25
16	1.41	1.36	1.48	1.28	1.79	2.04	1.66	1.60	1.40	1.44	1.30	1.26
17	.53	.54	.57	.30	3.59	1.97	.66	.59	.40	.43	.30	.26
18	.39	.54	.57	.31	.36	2.04	.69	.57	.40	.56	.29	.27
19	.35	.48	.51	.30	2.50	.41	.68	.56	.39	.64	.29	.28
20	.33	.83	.48	.30	.13	.38	.66	.55	.38	.53	.28	.29
21	1.31	1.77	1.45	1.34	1.93	2.29	1.62	1.54	1.38	1.48	1.28	1.35
22	.30	.64	.47	.32	.81	.02	.61	.53	.38	.43	.29	.33
23	.29	.68	.46	.29	.78	1.93	.60	.53	.38	.41	.29	.36
24	.28	.67	.44	.33	.82	.85	.58	.52	.37	.39	.28	.34
25	.28	.60	.41	.35	2.09	.80	.57	.51	.38	.37	.28	.32
26	1.44	1.58	1.39	1.36	2.26	1.76	1.56	1.50	1.38	1.37	1.29	1.31
27	.46	.95	.40	.47	.11	.90	.57	.50	.39	.36	.28	.30
28	.50	.69	.38	.51	.01	.93	.97	.50	.39	.36	.28	.30
29	.42	.61	.36	.57	1.90	.91	.91	.48	.39	.36	-	.29
30	.47	.55	.36	.57	.82	.83	.83	.47	.40	.36	-	.28
31	-	.51	-	.56	.78	-	.77	-	.40	.35	-	.29
Mean	1.39	1.52	1.42	1.36	2.21	2.01	1.74	1.62	1.42	1.42	1.30	1.29
Max.	1.68	1.95	1.57	1.57	3.59	2.98	2.06	1.96	1.47	1.64	1.34	1.36
Min.	1.27	1.33	1.36	1.28	1.47	1.60	1.56	1.47	1.37	1.35	1.28	1.25

WATER YEAR 1974 : Max. 3.59 m. Min. 1.25 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.29	1.00	0.95	0.38	2.20	3.45	4.20	7.70	0.85	0.47	0.32	0.18
2	0.16	0.95	0.90	0.35	1.30	3.00	3.45	5.10	0.85	0.41	0.32	0.26
3	0.60	0.65	0.70	0.35	0.85	2.60	4.90	3.90	0.80	0.38	0.32	0.29
4	0.20	0.90	0.60	0.32	1.10	2.60	7.30	3.15	0.80	0.35	0.29	0.26
5	0.16	1.30	0.50	0.35	1.20	2.00	10	2.80	0.75	0.35	0.29	0.20
6	0.16	0.75	0.50	0.35	2.30	4.35	6.90	3.30	0.70	0.35	0.29	0.18
7	0.16	0.47	0.47	0.38	13	15	5.10	3.30	0.75	0.38	0.26	0.16
8	0.14	0.41	0.44	0.38	6.90	53	5.30	2.90	0.70	0.44	0.26	0.14
9	0.14	0.41	0.41	0.38	3.60	16	4.90	2.60	0.65	0.47	0.26	0.14
10	0.26	0.38	0.44	0.35	2.40	12	4.20	2.40	0.65	0.50	0.23	0.12
11	2.00	0.41	0.47	0.29	1.90	13	3.90	2.70	0.60	0.55	0.23	0.12
12	2.80	0.35	0.41	0.23	1.70	11	3.45	3.30	0.60	1.10	0.23	0.12
13	2.40	0.29	0.41	0.20	2.40	10	3.45	2.70	0.55	1.40	0.23	0.12
14	1.20	0.44	0.38	0.18	3.00	10	3.15	2.40	0.55	0.95	0.20	0.12
15	0.70	0.38	0.50	0.16	3.30	12	2.80	2.20	0.50	0.80	0.23	0.10
16	0.55	0.38	0.90		4.35	9.50	2.60	2.00	0.50	0.70	0.20	0.12
17	1.30	1.40	1.70	0.20	103	7.90	2.60	1.90	0.50	0.65	0.20	0.12
18	0.47	1.40	1.70	0.23	83	9.50	2.90	1.70	0.50	1.60	0.18	0.14
19	0.35	0.90	1.10	0.20	26	22	2.80	1.60	0.47	2.40	0.18	0.16
20	0.29	5.10	0.90	0.20	12	21	2.60	1.50	0.44	1.30	0.16	0.18
21	0.23	4.05	0.75	0.32	7.10	17	2.20	1.40	0.44	0.90	0.16	0.35
22	0.20	2.40	0.85	0.26	4.70	9.00	2.10	1.30	0.44	0.65	0.18	0.29
23	0.19	2.80	0.80	0.18	4.20	7.10	2.00	1.30	0.44	0.55	0.18	0.38
24	0.16	2.70	0.70	0.29	4.90	5.50	1.80	1.20	0.41	0.47	0.16	0.32
25	0.16	2.00	0.55	0.35	11	4.50	1.70	1.10	0.44	0.41	0.16	0.26
26	0.70	1.80	0.47	0.38	16	3.90	1.60	1.00	0.44	0.41	0.18	0.23
27	0.80	7.50	0.50	0.85	11	6.50	1.70	1.00	0.47	0.38	0.16	0.20
28	1.00	2.90	0.44	1.10	8.75	7.10	7.90	1.00	0.47	0.38	0.16	0.20
29	0.60	2.10	0.38	1.70	6.50	6.70	6.70	0.90	0.47	0.38	–	0.18
30	0.85	1.50	0.38	1.70	4.90	5.10	5.10	0.85	0.50	0.38	–	0.16
31	–	1.10	–	1.60	4.20	–	4.05	–	0.50	0.35	–	0.18
Total	19.22	49.12	20.20	14.39	358.75	312.3	123.35	70.20	17.73	20.81	6.22	5.98
Mean	0.64	1.58	0.67	0.46	11.6	10.4	3.98	2.34	0.57	0.67	0.22	0.19
Max.	2.80	7.50	1.70	1.70	103	53	10	7.70	0.85	2.40	0.32	0.38
Min.	0.14	0.29	0.38	0.16	0.85	2.00	1.60	0.85	0.41	0.35	0.16	0.10
Runoff – mcm.	1.661	4.244	1.745	1.243	30.996	26.983	10.657	6.065	1.532	1.798	0.537	0.517

WATER YEAR 1974 : Max. 103 Min. 0.10 Mean 2.79 Annual Runoff 87.978 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.17	19.00	4.66	214				

NAN RIVER BASIN

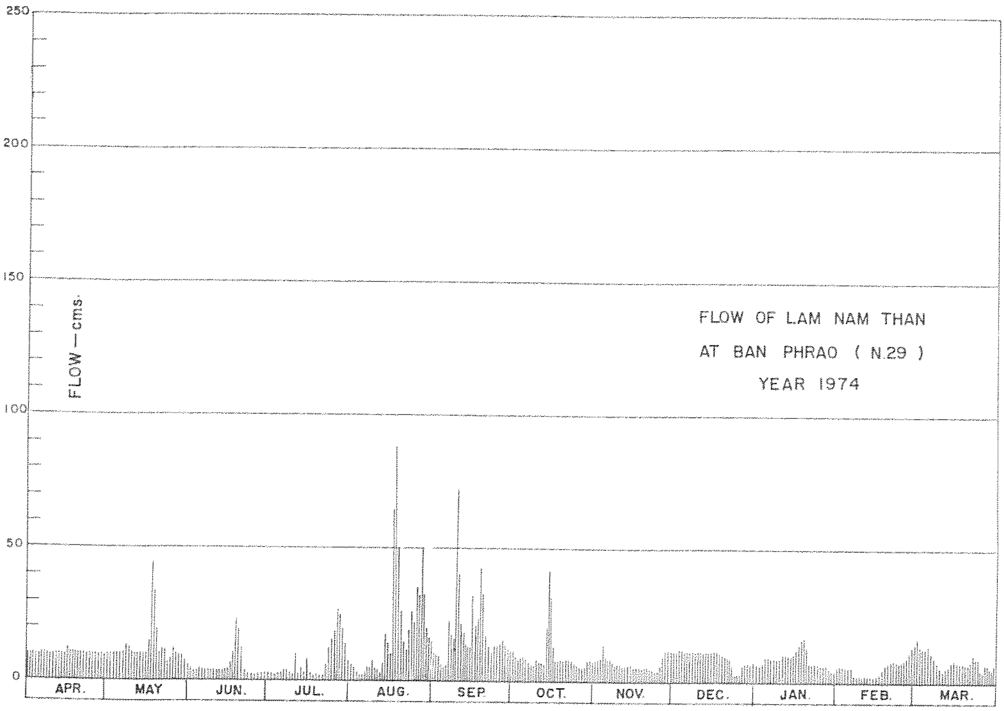
Lam Nam Than at Ban Phrao, Phitsanulok (N.29)

Location:	Lat. 17°-08'-05" N., Long. 100°-46'-42" E., on left bank at Ban Phrao about 800 meters downstream from purpose damsite, Amphoe Nakhon Thai, Phitsanulok.
Drainage Area:	6 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 (A.D.)
Bench Mark:	B.M. - H.S.
Location:	about 30 meters from the top of vertical staff gage.
Elevation:	+ 3.650 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:	1971 to date.
Rating Operation:	
Period of Rating:	1971-1972.
Rated by Float:	-
Rated by Current Meter:	1971-1972.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 138 discharge measurements made during 1971-1972.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.53	0.53	0.47	0.43	0.49	0.54	0.55	0.51	0.55	0.50	0.49	0.58
2	.53	.53	.46	.43	.48	.53	.54	.51	.55	.50	.49	.60
3	.53	.53	.44	.42	.44	.53	.51	.51	.56	.50	.49	.56
4	.53	.53	.45	.44	.42	.48	.52	.57	.56	.51	.48	.56
5	.53	.53	.46	.43	.42	.47	.53	.52	.55	.53	.49	.56
6	0.54	0.53	0.45	0.45	0.43	0.48	0.51	0.51	0.55	0.52	0.48	0.57
7	.53	.53	.45	.45	.47	.64	.50	.52	.55	.52	.44	.55
8	.53	.56	.45	.45	.46	.55	.49	.49	.55	.52	.42	.54
9	.53	.56	.45	.43	.51	.54	.47	.49	.55	.52	.42	.52
10	.53	.54	.45	.42	.45	.94	.51	.50	.55	.51	.42	.47
11	0.53	0.53	0.45	0.53	0.46	0.67	0.50	0.49	0.55	0.53	0.42	0.44
12	.53	.53	.45	.42	.43	.60	.50	.48	.55	.54	.42	.47
13	.53	.53	.45	.46	.50	.61	.48	.49	.55	.54	.42	.48
14	.53	.53	.45	.43	.61	.56	.60	.49	.55	.53	.43	.50
15	.53	.53	.45	.51	.52	.55	.77	.48	.55	.54	.43	.52
16	0.55	0.53	0.46	0.47	0.54	0.71	0.56	0.47	0.55	0.54	0.43	0.52
17	.53	.57	.49	.42	1.02	.61	.51	.48	.55	.57	.43	.51
18	.53	.79	.54	.42	0.92	.57	.51	.48	.54	1.02	.46	.50
19	.53	.70	.65	.43	.69	.78	.52	.47	.53	0.60	.49	.50
20	.53	.56	.57	.43	.64	.68	.51	.47	.53	.59	.50	.50
21	0.53	0.53	0.46	0.43	0.58	0.60	0.52	0.47	0.53	0.51	0.51	0.50
22	.53	.55	.43	.43	.54	.56	.52	.46	.52	.50	.51	.52
23	.53	.54	.43	.54	.63	.53	.51	.45	.49	.50	.51	.54
24	.53	.49	.43	.55	.68	.57	.50	.43	.43	.50	.51	.52
25	.53	.51	.42	.91	.63	.57	.50	.45	.44	.50	.50	.52
26	0.53	0.55	0.42	0.62	0.73	0.57	0.49	0.51	0.43	0.49	0.52	0.41
27	.53	.53	.42	.68	.71	.59	.47	.52	.50	.49	.52	.49
28	.52	.53	.43	.66	.82	.56	.46	.55	.50	.49	.54	.50
29	.53	.53	.44	.62	.65	.56	.50	.55	.50	.45	-	.50
30	.52	.51	.43	.57	.60	.55	.51	.55	.50	.45	-	.45
31	-	.49	-	.51	.59	-	.50	-	.51	.45	-	.51
Mean	0.53	0.55	0.46	0.50	0.58	0.59	0.52	0.49	0.53	0.53	0.47	0.51
Max.	0.55	0.79	0.65	0.91	1.02	0.94	0.77	0.57	0.56	1.02	0.54	0.60
Min.	0.52	0.49	0.42	0.42	0.42	0.47	0.46	0.43	0.43	0.45	0.42	0.41

WATER YEAR 1974 : Max. 1.02 m. Min. 0.41 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.10	0.10	0.054	0.029	0.067	0.11	0.12	0.083	0.12	0.073	0.067	0.15
2	0.10	0.10	0.048	0.029	0.060	0.10	0.11	0.083	0.12	0.073	0.067	0.17
3	0.10	0.10	0.035	0.023	0.035	0.10	0.083	0.083	0.13	0.073	0.067	0.13
4	0.10	0.10	0.041	0.035	0.023	0.060	0.092	0.14	0.13	0.083	0.060	0.13
5	0.10	0.10	0.048	0.029	0.023	0.054	0.10	0.092	0.12	0.10	0.067	0.13
6	0.11	0.10	0.041	0.041	0.029	0.060	0.083	0.083	0.12	0.092	0.060	0.14
7	0.10	0.10	0.041	0.041	0.054	0.22	0.073	0.092	0.12	0.092	0.035	0.12
8	0.10	0.13	0.041	0.041	0.048	0.12	0.067	0.067	0.12	0.092	0.023	0.11
9	0.10	0.13	0.041	0.029	0.083	0.11	0.054	0.067	0.12	0.092	0.023	0.092
10	0.10	0.11	0.041	0.023	0.041	0.72	0.083	0.073	0.12	0.083	0.023	0.054
11	0.10	0.10	0.041	0.10	0.048	0.26	0.073	0.067	0.12	0.10	0.023	0.035
12	0.10	0.10	0.041	0.023	0.029	0.17	0.073	0.060	0.12	0.11	0.023	0.054
13	0.10	0.10	0.041	0.048	0.073	0.18	0.060	0.067	0.12	0.11	0.023	0.060
14	0.10	0.10	0.041	0.029	0.18	0.13	0.170	0.067	0.12	0.10	0.029	0.073
15	0.10	0.10	0.041	0.083	0.092	0.12	0.41	0.060	0.12	0.11	0.029	0.092
16	0.12	0.10	0.048	0.054	0.11	0.32	0.13	0.054	0.12	0.11	0.029	0.092
17	0.10	0.14	0.067	0.023	0.88	0.18	0.083	0.060	0.12	0.14	0.029	0.083
18	0.10	0.44	0.11	0.023	0.68	0.14	0.083	0.060	0.11	0.88	0.048	0.073
19	0.10	0.30	0.23	0.029	0.29	0.43	0.092	0.054	0.10	0.17	0.067	0.073
20	0.10	0.13	0.14	0.029	0.22	0.27	0.083	0.054	0.10	0.16	0.073	0.073
21	0.10	0.10	0.048	0.029	0.15	0.17	0.092	0.054	0.10	0.083	0.083	0.073
22	0.10	0.12	0.029	0.029	0.11	0.13	0.092	0.048	0.092	0.073	0.083	0.092
23	0.10	0.11	0.029	0.11	0.21	0.10	0.083	0.041	0.067	0.073	0.083	0.112
24	0.10	0.067	0.029	0.12	0.27	0.14	0.073	0.029	0.029	0.073	0.083	0.092
25	0.10	0.083	0.023	0.66	0.21	0.14	0.073	0.041	0.035	0.073	0.073	0.092
26	0.10	0.12	0.023	0.20	0.35	0.14	0.067	0.083	0.029	0.067	0.092	0.016
27	0.10	0.10	0.023	0.27	0.32	0.16	0.054	0.092	0.073	0.067	0.092	0.067
28	0.092	0.10	0.029	0.25	0.50	0.13	0.048	0.12	0.073	0.067	0.11	0.073
29	0.10	0.10	0.035	0.20	0.23	0.13	0.073	0.12	0.073	0.041	–	0.073
30	0.092	0.083	0.029	0.14	0.17	0.12	0.083	0.12	0.073	0.041	–	0.041
31	–	0.067	–	0.083	0.16	–	0.073	–	0.083	0.041	–	0.083
Total	3.014	3.730	1.528	2.852	5.745	5.214	2.933	2.214	3.097	3.542	1.564	2.748
Mean	0.10	0.12	0.050	0.092	0.18	0.17	0.094	0.073	0.099	0.11	0.055	0.088
Max.	0.12	0.44	0.23	0.66	0.88	0.72	0.41	0.14	0.13	0.88	0.11	0.17
Min.	0.092	0.067	0.023	0.023	0.023	0.054	0.048	0.029	0.029	0.041	0.023	0.016
Runoff - mcm.	0.260	0.322	0.132	0.246	0.496	0.450	0.253	0.191	0.267	0.306	0.135	0.237

WATER YEAR 1974 : Max. 0.88 Min. 0.016 Mean 0.10 Annual Runoff 3.299 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 17	18.00	1.35	1.68				

NAN RIVER BASIN

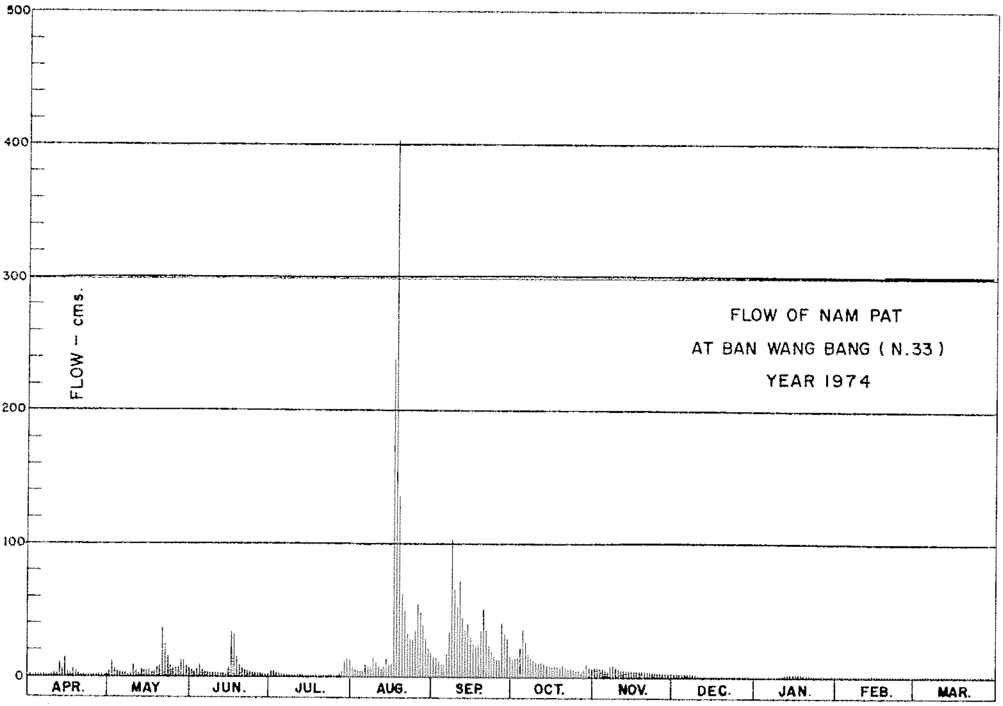
Nam Pat at Ban Wang Bang, Uttaradit (N.33)

Location:	Lat. 17°-43'-05" N., Long. 100°-34'-32" E., on right bank about 4.5 kilometers upstream confluence with Nan River at Ban Wang Bang, Tambon Saen To, Amphoe Nam Pat, Uttaradit.
Drainage Area:	2,463 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 79.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 87.268 m. (M.S.L.)
Gage Reading Frequency:	Recording.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 113 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	79.61	79.98	79.99	80.02	80.23	80.68	80.63	80.26	79.86	79.65	79.60	79.52
2	.63	80.52	.92	79.97	.14	.67	.69	.21	.85	.65	.59	.53
3	.63	.11	80.11	.86	.06	.54	.73	.20	.84	.63	.59	.54
4	.61	79.93	.38	.81	79.98	.42	.94	.14	.82	.62	.59	.55
5	.59	.85	.07	.78	.96	.33	81.22	.09	.80	.63	.59	.55
6	79.58	79.81	79.94	79.75	80.35	80.84	81.02	80.10	79.80	79.64	79.59	79.55
7	.58	.76	.87	.74	.21	81.18	80.77	.30	.79	.65	.57	.54
8	.57	.73	.83	.72	.26	82.09	.64	.32	.78	.67	.57	.54
9	.57	.83	.82	.70	.68	81.69	.55	.26	.77	.69	.56	.53
10	.76	80.30	.80	.69	.45	.51	.47	.17	.75	.70	.55	.53
11	79.75	79.98	79.82	79.67	80.25	81.76	80.43	80.14	79.74	79.71	79.53	79.52
12	80.42	.83	.81	.67	.15	.37	.44	.11	.73	.78	.52	.56
13	.08	80.10	.77	.65	.31	.22	.39	.08	.73	.80	.56	.55
14	.61	.02	.74	.64	.64	.31	.35	.06	.72	.81	.54	.53
15	79.86	79.97	80.15	.65	.32	.10	.30	.04	.70	.81	.54	.55
16	79.75	79.97	81.19	79.63	80.43	81.01	80.27	80.04	79.70	79.80	79.54	79.54
17	80.12	.88	.15	.62	80.13	80.95	.31	.02	.69	.79	.53	.53
18	79.93	.95	80.68	.61	84.07	81.01	.29	.00	.68	.82	.54	.54
19	.79	80.21	.32	.60	82.39	.22	.27	79.99	.68	.80	.54	.55
20	.74	.27	.14	.60	81.65	.47	.39	.98	.68	.77	.53	.54
21	79.74	81.24	80.01	79.60	81.48	81.22	80.26	79.96	79.67	79.76	79.52	79.61
22	.71	.02	79.96	.60	.19	.00	.17	.95	.67	.75	.52	.57
23	.67	80.78	.93	.63	.09	80.84	.14	.95	.67	.74	.53	.56
24	.66	.31	.87	.65	.06	.69	.08	.94	.67	.73	.53	.56
25	.64	.10	.83	.65	.21	.61	.06	.93	.67	.72	.52	.55
26	79.72	80.22	79.81	79.73	81.54	80.58	80.04	79.92	79.66	79.70	79.51	79.54
27	.73	.24	.80	.90	.49	81.29	.02	.91	.66	.67	.53	.53
28	.75	.53	.78	.97	.29	.14	.10	.90	.67	.65	.53	.52
29	.71	.52	.76	80.52	.09	.11	.45	.88	.67	.63	-	.52
30	.74	.27	.75	.62	80.92	80.74	.22	.87	.66	.61	-	.53
31	-	.14	-	.56	.80	-	.17	-	.65	.60	-	.53
Mean	79.77	80.17	80.03	79.80	80.93	81.05	80.41	80.06	79.72	79.71	79.55	79.54
Max.	80.61	81.24	81.19	80.62	84.07	82.09	81.22	80.32	79.86	79.82	79.60	79.61
Min.	79.57	79.73	79.74	79.60	79.96	80.33	80.02	79.87	79.65	79.60	79.51	79.52

WATER YEAR 1974 : Max. 84.07 m. Min. 79.51 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.78	4.28	4.39	4.74	7.45	15	14	7.90	3.00	1.10	0.70	0.14
2	0.94	12	3.62	4.17	6.22	15	15	7.15	2.90	1.10	0.63	0.21
3	0.94	5.83	5.83	3.00	5.22	12	16	7.00	2.80	0.94	0.63	0.28
4	0.78	3.73	9.70	2.50	4.28	10	23	6.22	2.60	0.86	0.63	0.35
5	0.63	2.90	5.34	2.22	4.06	8.95	36	5.58	2.40	0.94	0.63	0.35
6	0.56	2.50	3.84	1.95	9.25	19	26	5.70	2.40	1.02	0.63	0.35
7	0.56	2.04	3.10	1.86	7.15	34	17	8.50	2.31	1.10	0.49	0.28
8	0.49	1.77	2.70	1.68	7.90	103	14	8.80	2.22	1.26	0.49	0.28
9	0.49	2.70	2.80	1.50	15	66	12	7.90	2.13	1.42	0.42	0.21
10	2.04	8.50	2.40	1.42	11	53	11	6.61	1.95	1.50	0.35	0.21
11	1.95	4.28	2.60	1.26	7.75	72	10	6.22	1.86	1.59	0.21	0.14
12	10	2.70	2.50	1.26	6.35	45	11	5.83	1.77	2.22	0.14	0.42
13	5.40	5.70	2.13	1.10	8.65	36	9.85	5.46	1.77	2.40	0.42	0.35
14	13	4.74	1.86	1.02	14	41	9.25	5.22	1.68	2.50	0.28	0.21
15	3.00	4.17	6.35	1.10	8.80	30	8.50	4.98	1.50	2.50	0.28	0.35
16	1.95	4.17	34	0.94	10	25	8.05	4.98	1.50	2.40	0.28	0.28
17	5.96	3.20	32	0.86	238	23	8.65	4.74	1.42	2.31	0.21	0.21
18	3.73	3.95	15	0.78	403	25	8.35	4.50	1.34	2.60	0.28	0.28
19	2.31	7.15	8.80	0.70	137	36	8.05	4.39	1.34	2.40	0.28	0.35
20	1.86	8.05	6.25	0.70	63	51	9.85	4.28	1.34	2.13	0.21	0.28
21	1.86	37	4.62	0.70	51	36	7.90	4.06	1.26	2.04	0.14	0.78
22	1.59	26	4.06	0.70	34	25	6.61	3.95	1.26	1.95	0.14	0.49
23	1.26	17	3.73	0.94	29	19	6.22	3.95	1.26	1.86	0.21	0.42
24	1.18	8.65	3.10	1.10	28	15	5.46	3.84	1.26	1.77	0.21	0.42
25	1.02	5.70	2.70	1.10	35	13	5.22	3.73	1.26	1.68	0.14	0.35
26	1.68	7.30	2.50	1.77	55	13	4.98	3.62	1.18	1.50	0.07	0.28
27	1.77	7.60	2.40	3.40	52	40	4.74	3.51	1.18	1.26	0.21	0.21
28	1.95	12	2.22	4.17	40	32	5.70	3.40	1.26	1.10	0.21	0.14
29	1.59	12	2.04	12	29	30	11	3.20	1.26	0.94	–	0.14
30	1.86	8.05	1.95	14	22	16	7.30	3.10	1.18	0.78	–	0.21
31	–	6.22	–	13	18	–	6.61	–	1.10	0.70	–	0.21
Total	73.13	241.88	184.33	87.64	1,367.08	958.95	347.29	158.32	53.69	49.87	9.52	9.18
Mean	2.44	7.80	6.14	2.83	44.1	32.0	11.2	5.28	1.73	1.61	0.34	0.30
Max.	13	37	34	14	403	103	36	8.80	3.00	2.60	0.70	0.78
Min.	0.49	1.77	1.86	0.70	4.06	8.95	4.74	3.10	1.10	0.70	0.07	0.14
Runoff - mcm.	6.318	20.898	15.926	7.572	118.116	82.853	30.006	13.679	4.639	4.309	0.822	0.793

WATER YEAR 1974 : Max. 403 Min. 0.07 Mean 9.70 Annual Runoff 305.932 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	03.00	85.15	650				

NAN RIVER BASIN

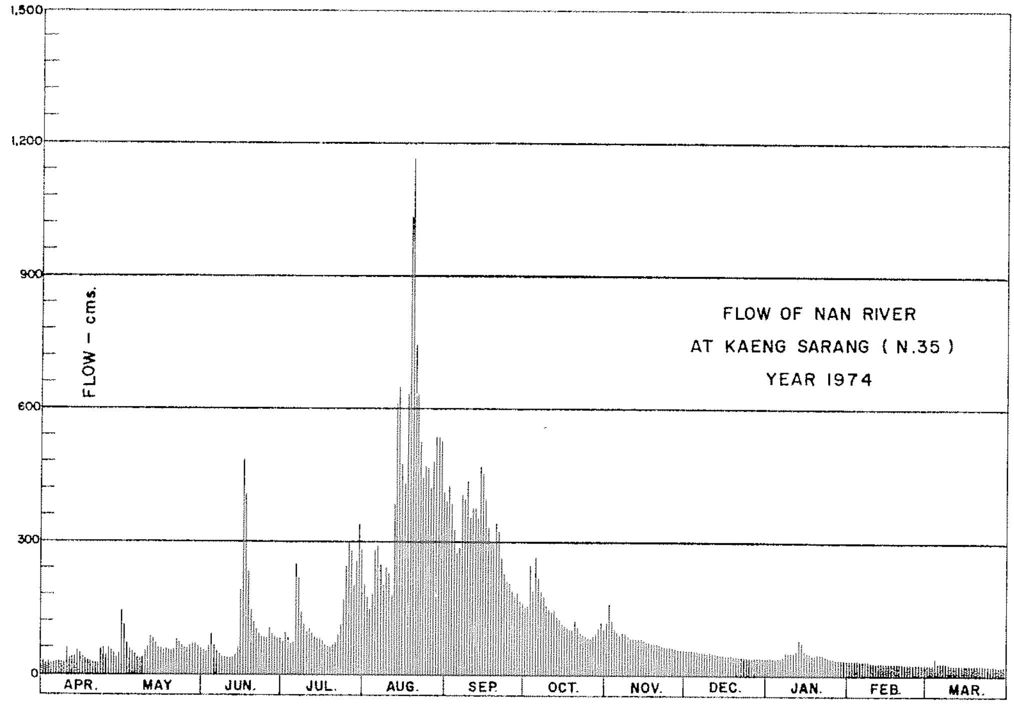
Nan River at Kaeng Sarang, Nan (N.35)

Location:	Lat. 18°-23'-46" N., Long. 100°-51'-05" E., on left bank about 25 kilometers downstream from the District Office of Amphoe Sa, between Doi Khon Kaen and Doi Cham Hang, Amphoe Sa, Nan.
Drainage Area:	10,335 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	in the fence of Meteorological Station.
Elevation:	+ 12.354 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:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 145 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.87	1.70	1.10	1.27	2.06	3.00	1.78	1.60	1.16	1.00	0.95	0.86
2	.85	.52	.08	.41	1.91	.16	.82	.84	.15	.00	.95	.86
3	.84	.25	.22	.36	.74	2.97	2.30	.61	.15	0.99	.95	.86
4	.82	.13	.39	.26	.95	.70	.16	.48	.14	.99	.94	1.01
5	.82	.07	.21	.28	2.47	.44	.39	.43	.14	.99	.94	0.94
6	0.86	1.02	1.10	2.31	2.51	2.50	2.15	1.41	1.12	1.00	0.93	0.91
7	.87	0.97	.04	.13	.29	3.07	1.98	.43	.11	.04	.93	.89
8	.84	.94	.00	1.71	.06	.03	.95	.42	.11	.11	.92	.88
9	.82	.96	0.97	.54	.27	.21	.80	.37	.10	.11	.91	.86
10	1.16	1.09	.97	.44	.19	2.84	.75	.35	.11	.10	.90	.85
11	0.95	1.18	0.97	1.48	1.94	2.93	1.71	1.34	1.09	1.10	0.89	0.85
12	.98	.35	.98	.42	2.42	.93	.74	.34	.08	.14	.89	.85
13	.99	.32	1.04	.36	3.98	.82	.65	.34	.07	.33	.89	.84
14	1.11	.24	.18	.32	4.13	3.37	.61	.33	.06	.27	.89	.84
15	.06	.16	.97	.32	3.39	.30	.56	.32	.06	.15	.89	.84
16	0.97	1.13	3.42	1.28	3.16	3.04	1.52	1.29	1.05	1.10	0.88	0.83
17	.92	.12	.07	.23	4.06	2.74	.50	.28	.05	.08	.88	.83
18	.89	.14	2.21	.20	5.54	.53	.49	.26	.04	.05	.88	.83
19	.87	.12	1.78	.20	6.01	.53	.54	.26	.03	.06	.88	.84
20	.84	.09	.58	.23	4.66	.79	.60	.25	.03	.08	.87	.84
21	0.82	1.15	1.47	1.27	4.09	2.67	1.50	1.24	1.02	1.07	0.87	0.84
22	.82	.29	.39	.40	3.58	.39	.43	.22	.02	.07	.87	.83
23	1.13	.25	.35	.54	.26	.19	.40	.21	.02	.04	.87	.82
24	.17	.20	.34	.87	.36	.10	.38	.20	.01	.02	.87	.82
25	.03	.17	.33	2.29	.35	.07	.36	.20	.01	.00	.86	.81
26	0.17	1.14	1.52	2.54	3.15	1.98	1.36	1.19	1.01	0.99	0.86	0.81
27	.10	.20	.42	.46	.41	.94	.39	.18	.01	.98	.86	.81
28	.05	.23	.35	.03	.66	.98	.43	.17	.02	.98	.86	.81
29	0.97	.23	.33	.33	.67	.92	.50	.17	.02	.97	-	.80
30	1.05	.19	.33	.76	.62	.83	.59	.17	.01	.96	-	.83
31	-	.17	-	.46	.11	-	.49	-	.00	.95	-	.95
Mean	0.95	1.18	1.44	1.67	3.19	2.63	1.67	1.33	1.06	1.05	0.89	0.85
Max.	1.17	1.70	3.42	2.76	6.01	3.37	2.39	1.84	1.16	1.33	0.95	1.01
Min.	0.82	0.94	0.97	1.20	1.74	1.83	1.36	1.17	1.00	0.95	0.86	0.80

WATER YEAR 1974 : Max. 6.01 m. Min. 0.80 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	28	140	52	74	203	391	154	124	59	41	36	27
2	26	111	50	94	176	425	160	164	58	41	36	27
3	26	71	67	86	147	385	249	126	58	40	36	27
4	24	56	91	72	183	329	222	105	57	40	35	42
5	24	49	65	75	283	277	267	97	57	40	35	35
6	27	43	52	251	291	289	220	94	54	41	34	32
7	28	38	45	217	247	406	188	97	53	45	34	30
8	26	35	41	142	203	397	183	95	53	53	33	29
9	24	37	38	114	243	436	157	88	52	53	32	27
10	59	51	38	98	228	357	148	85	53	52	31	26
11	36	62	38	105	181	376	142	84	51	52	30	26
12	39	85	39	95	273	376	147	84	50	57	30	26
13	40	81	45	86	614	353	132	84	49	82	30	26
14	53	70	62	81	650	471	126	82	48	74	30	26
15	48	59	187	81	476	456	118	81	48	58	30	26
16	38	56	483	75	425	399	111	77	46	52	29	25
17	33	54	406	68	633	337	108	75	46	50	29	25
18	30	57	232	64	1,033	295	106	72	45	46	29	25
19	28	54	154	64	1,172	295	114	72	44	48	29	26
20	26	51	121	68	787	347	124	71	44	50	28	26
21	24	58	103	74	641	323	108	70	43	49	28	26
22	24	77	91	92	519	267	97	67	43	49	28	25
23	56	71	85	114	447	228	92	65	43	45	28	24
24	60	64	84	169	469	211	89	64	42	43	28	24
25	44	60	82	247	467	205	86	64	42	41	27	23
26	60	57	111	297	423	188	86	63	42	40	27	23
27	52	64	95	281	480	181	91	62	42	39	27	23
28	46	68	85	198	538	188	97	60	43	39	27	23
29	38	68	82	255	540	178	108	60	43	38	–	22
30	46	63	82	341	529	162	122	60	42	37	–	25
31	–	60	–	281	414	–	106	–	41	36	–	36
Total	1,113	1,970	3,206	4,359	13,915	9,528	4,258	2,492	1,491	1,471	856	833
Mean	37.1	63.5	107	141	449	318	137	83.1	48.1	47.4	30.6	26.9
Max.	60	140	483	341	1,172	471	267	164	59	82	36	42
Min.	24	35	38	64	147	162	86	60	41	36	27	22
Runoff - mcm.	95.163	170.208	276.998	376.618	1,202.256	823.219	367.891	215.309	128.822	127.094	73.958	71.971

WATER YEAR 1974 : Max. 1,172 Min. 22 Mean 125 Annual Runoff 3,930.509 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	05.00	6.31	1,262				

NAN RIVER BASIN

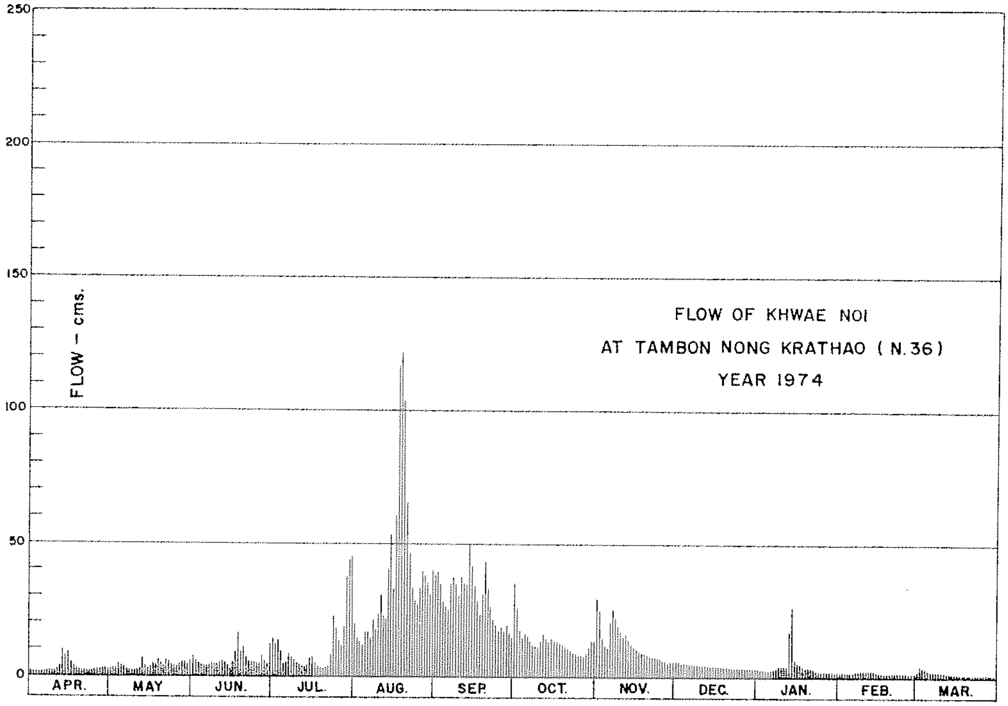
Khwae Noi at Tambon Nong Krathao, Phitsanulok (N.36)

Location:	Lat. 17°-04'-59" N., Long. 100°-49'-55" E., on left bank about 50 meters upstream from Belly Bridge along the road Lom Sak - Nakhon Thai, Tambon Nong Krathao, Amphoe Nakhon Thai, Phitsanulok.
Drainage Area:	1,651 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank along the measuring line.
Elevation:	+ 6.154 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1971 to date.
Rated by Float:	-
Rated by Current Meter:	1971 to date.
Stability of Channel Regimes:	Unstable with variable water surface slope, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 6.90 m. (A.D.)
General Description:	Records fair. Stage-discharge relation defined by 157 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.72	0.75	1.29	1.86	2.35	4.24	3.15	2.90	1.11	0.89	0.80	0.77
2	.69	.76	.17	.27	1.77	.35	2.34	.50	.08	.88	.80	1.02
3	.69	.75	0.99	.33	.72	3.92	1.91	1.86	.08	.86	.80	0.94
4	.68	1.00	.93	.06	.56	.12	.87	.63	.07	.85	.79	.91
5	.67	0.95	.92	0.98	.91	2.72	.96	.54	.06	.85	.79	.81
6	0.66	0.86	0.88	1.02	1.94	2.49	1.77	2.27	1.05	0.86	0.78	0.76
7	.66	.74	.90	.31	.81	3.09	.67	.63	.03	.87	.78	.75
8	.65	.70	1.03	.19	2.29	.28	.63	.20	.02	.87	.77	.74
9	.65	.71	0.98	.06	.03	.20	.55	.16	.01	.87	.75	.73
10	.65	.72	1.01	.00	.45	2.90	.57	.02	.00	.87	.76	.72
11	0.76	0.74	1.06	0.96	2.86	3.33	1.76	1.83	1.00	0.87	0.74	0.72
12	.94	.74	.08	.92	.42	.13	.93	.92	0.99	.89	.77	.71
13	2.04	1.19	0.98	.91	.31	.14	.73	.77	.98	1.01	.83	.71
14	1.32	0.85	.89	.90	3.48	4.05	.73	.62	.97	1.02	.81	.71
15	.35	.82	.86	1.21	4.17	3.43	.82	.54	.96	0.96	.78	.71
16	1.02	0.90	0.89	1.13	3.01	3.02	1.74	1.48	0.95	0.93	0.76	0.69
17	0.85	1.02	1.28	0.95	4.68	2.71	.70	.44	.95	.89	.75	.68
18	.77	0.91	.95	.88	6.83	.44	.60	.40	.94	1.81	.74	.68
19	.72	1.15	.38	.88	.99	.79	.57	.37	.94	2.64	.74	.67
20	.70	0.95	.57	.86	.75	3.64	.56	.33	.93	1.26	.73	.67
21	0.68	0.93	1.21	0.92	5.89	3.00	1.51	1.30	0.93	1.06	0.73	0.69
22	.67	1.12	1.06	.95	4.96	2.56	.45	.29	.92	0.97	.73	.69
23	.67	.15	.05	1.25	3.87	.28	.35	.26	.91	.93	.72	.70
24	.71	.04	.06	2.36	.21	.13	.35	.25	.91	.89	.72	.83
25	.72	0.93	1.00	.09	2.87	2.04	.32	.23	.90	.88	.72	.90
26	0.73	0.87	0.98	1.70	3.87	2.09	1.30	1.21	0.90	0.86	0.72	0.75
27	.76	1.00	1.28	2.27	4.34	2.00	.30	.18	.90	.85	.72	.72
28	.76	.07	.13	.71	.20	.16	.42	.17	.89	.84	.72	.72
29	.74	0.95	0.97	3.30	.14	1.94	.67	.15	.89	.82	-	.70
30	.73	0.94	1.61	.63	3.52	.86	.69	.14	.89	.82	-	.69
31	-	1.07	-	2.71	4.37	-	.71	-	.89	.81	-	.68
Mean	0.81	0.91	1.11	1.47	3.68	2.86	1.69	1.65	0.96	0.98	0.75	0.74
Max.	2.04	1.19	1.95	3.63	6.99	3.64	3.15	2.90	1.11	2.64	0.83	1.02
Min.	0.65	0.70	0.86	0.86	1.56	1.86	1.30	1.14	0.89	0.81	0.72	0.67

WATER YEAR 1974 : Max. 6.99 m. Min. 0.65 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.94	2.15	7.58	14	22	37	35	30	5.51	3.22	2.50	2.29
2	1.74	2.22	6.17	7.34	14	39	22	24	5.20	3.14	2.50	4.60
3	1.74	2.15	4.31	8.09	13	33	16	14	5.20	2.98	2.50	3.76
4	1.68	4.40	3.57	5.00	11	27	14	12	5.10	2.90	2.43	3.39
5	1.62	3.85	3.48	4.12	16	25	16	11	5.00	2.90	2.43	2.58
6	1.56	2.98	3.14	4.60	16	24	14	21	4.90	2.98	2.36	2.22
7	1.56	2.08	3.30	7.83	14	34	12	26	4.70	3.06	2.36	2.15
8	1.50	1.80	4.70	6.39	21	37	12	20	4.60	3.06	2.29	2.08
9	1.50	1.87	4.12	5.00	17	35	11	19	4.50	3.06	2.15	2.01
10	1.50	1.94	4.50	4.40	23	30	11	17	4.40	3.06	2.22	1.94
11	2.22	2.08	5.00	3.94	30	37	14	15	4.40	3.06	2.08	1.94
12	3.76	2.08	5.20	3.48	23	34	16	16	4.31	3.22	2.29	1.87
13	18	6.39	4.12	3.39	21	34	13	14	4.12	4.50	2.74	1.87
14	7.96	2.90	3.22	3.30	40	50	13	12	4.03	4.60	2.58	1.87
15	8.35	2.66	2.98	6.62	53	39	14	11	3.94	3.94	2.36	1.87
16	4.60	3.30	3.22	5.73	32	32	13	10	3.85	3.57	2.22	1.74
17	2.90	4.60	7.46	3.85	63	27	13	9.52	3.85	3.22	2.15	1.68
18	2.29	3.39	16	3.14	116	23	12	9.00	3.76	14	2.08	1.68
19	1.94	5.95	8.74	3.14	121	29	11	8.61	3.76	26	2.08	1.62
20	1.80	3.85	11	2.98	97	43	11	8.09	3.57	7.22	2.01	1.62
21	1.68	3.57	6.62	3.48	65	32	10	7.70	3.57	5.00	2.01	1.74
22	1.62	5.62	5.00	3.85	47	25	9.65	7.58	3.48	4.03	2.01	1.74
23	1.62	5.95	4.90	7.10	33	21	8.35	7.22	3.39	3.57	1.94	1.80
24	1.87	4.80	5.00	22	28	19	8.35	7.10	3.39	3.22	1.94	2.74
25	1.94	3.57	4.40	18	26	17	7.96	6.86	3.30	3.14	1.94	3.30
26	2.01	3.06	4.12	13	33	18	7.70	6.62	3.30	2.98	1.94	2.15
27	2.22	4.40	7.46	21	39	17	7.70	6.28	3.30	2.90	1.94	1.94
28	2.22	5.10	5.73	27	37	19	9.26	6.17	3.22	2.82	1.94	1.94
29	2.08	3.85	4.03	37	36	16	12	5.95	3.22	2.66	–	1.80
30	2.01	3.76	12	43	30	14	13	5.84	3.22	2.66	–	1.74
31	–	5.10	–	27	39	–	13	–	3.22	2.58	–	1.68
Total	89.43	111.42	171.07	328.77	1,176	867	400.36	374.54	125.31	139.25	61.99	67.35
Mean	2.98	3.59	5.70	11.1	37.9	28.9	12.9	12.5	4.04	4.49	2.21	2.17
Max.	18	6.39	16	43	121	43	35	30	5.51	26	2.74	4.60
Min.	1.50	1.80	2.98	2.98	11	14	7.70	5.84	3.22	2.58	1.94	1.62
Runoff – mcm.	7.727	9.627	14.780	28.406	101.606	74.909	34.591	32.360	10.827	12.031	5.356	5.819

WATER YEAR 1974 : Max. 121 Min. 1.50 Mean 10.7 Annual Runoff 338.039 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	01 .00	7.04	126				

NAN RIVER BASIN

Nan River at Thap Krit, Nakhon Sawan (N.37)

Location: Lat. 15°-45'-19" N., Long. 100°-15'-35" E., on left bank infront of Wat Thap Krit, Amphoe Chum Saeng, Nakhon Sawan.

Drainage Area: 56,214 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near the top of vertical staff gage.
Elevation: + 7.121 m. (A.D.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 5 readings.

Period of Available Gage Records: 1967 to date.

Rating Operation:

Period of Rating: 1967-1974.
Rated by Float: -
Rated by Current Meter: 1967-1974.

Stability of Channel Regimes: Unstable, no shifting adjustment but periodic curve are used for flow computation.

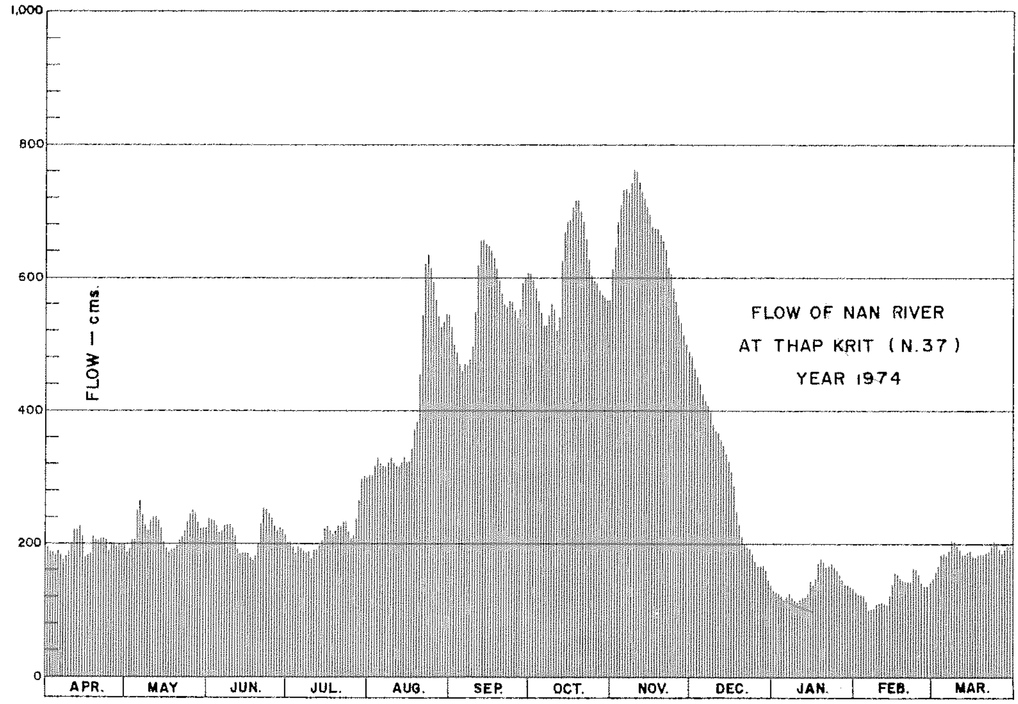
Overbank Flow Conditions: No overbank flow.

General Description: Records fair except those for periods of backwater effect which are poor. Stage-discharge relation defined by 2 discharge measurements made in 1973.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1,1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.42	1.37	1.79	1.50	2.30	3.92	4.47	4.53	3.63	0.87	0.85	1.03
2	.37	.42	.77	.50	.30	.78	.41	.74	.50	.83	.81	.12
3	.37	.52	.76	.47	.44	.66	.32	5.00	.42	.83	.81	.20
4	.33	.52	.72	.37	.51	.54	.20	.16	.33	.78	.80	.33
5	.38	.89	.61	.43	.43	.46	.09	.30	.22	.74	.74	.35
6	1.33	1.99	1.63	1.41	2.40	3.53	3.95	5.31	3.16	0.79	0.59	1.32
7	.27	.84	.70	.38	.40	.51	.96	.29	.10	.82	.62	.41
8	.32	.69	.71	.36	.45	.60	4.06	.38	.03	.78	.63	.51
9	.38	.64	.71	.37	.49	.73	.17	.52	2.92	.73	.68	.50
10	.50	.77	.68	.30	.45	4.08	.11	.48	.82	.70	.69	.44
11	1.64	1.81	1.57	1.40	2.41	4.56	3.90	5.40	2.79	0.74	0.71	1.41
12	.64	.80	.42	.40	.39	.80	4.06	.33	.72	.78	.67	.34
13	.70	.77	.34	.47	.45	.81	.61	.25	.65	.77	.67	.34
14	.55	.67	.36	.52	.51	.77	.91	.17	.55	.84	.80	.37
15	.31	.50	.36	.67	.45	.75	.98	.06	.46	1.00	.96	.38
16	1.33	1.42	1.36	1.70	2.46	4.70	5.01	4.95	2.34	0.94	1.10	1.32
17	.37	.37	.29	.64	.61	.63	.15	.93	.20	1.04	.09	.30
18	.57	.40	.27	.60	.82	.52	.20	.93	1.90	.24	.03	.34
19	.52	.42	.33	.64	.93	.41	.20	.89	.73	.29	.00	.34
20	.52	.45	.49	.71	3.42	.28	.09	.82	.60	.24	.08	.34
21	1.54	1.52	1.73	1.69	4.15	4.17	4.99	4.72	1.48	1.19	1.08	1.37
22	.54	.56	.91	.74	.57	.14	.83	.55	.43	.20	.08	.38
23	.51	.64	.88	.77	.66	.21	.62	.48	.42	.22	.16	.46
24	.38	.77	.84	.63	.54	.19	.47	.33	.35	.19	.15	.51
25	.48	.83	.80	.54	.38	.12	.40	.18	.27	.15	.07	.48
26	1.45	1.89	1.70	1.60	4.20	4.03	4.38	4.09	1.19	1.09	0.96	1.41
27	.44	.86	.63	.78	.04	.13	.32	.00	.20	.02	.93	.37
28	.46	.76	.68	2.02	3.93	.38	.26	3.89	.21	0.94	.93	.41
29	.45	.67	.65	.17	4.01	.44	.25	.78	.15	.95	-	.44
30	.45	.66	.61	.28	.07	.47	.21	.71	.02	.90	-	.44
31	-	.67	-	.26	.06	-	.21	-	0.95	.90	-	.48
Mean	1.45	1.65	1.61	1.62	3.14	4.18	4.48	4.80	2.22	0.95	0.88	1.37
Max.	1.70	1.99	1.91	2.28	4.66	4.81	5.20	5.52	3.63	1.29	1.16	1.51
Min.	1.27	1.37	1.27	1.30	2.30	3.46	3.90	3.71	0.95	0.70	0.59	1.03

WATER YEAR 1974 : Max. 5.52 m. Min. 0.59 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	194	188	239	204	304	525	606	615	484	132	129	149
2	188	194	236	204	304	505	597	647	466	127	125	159
3	188	206	235	200	322	488	584	686	455	127	125	168
4	184	206	230	188	331	472	566	710	442	122	124	184
5	190	251	217	196	321	460	549	731	427	117	117	186
6	184	264	220	193	317	470	529	733	418	123	101	182
7	176	245	228	190	317	467	530	729	410	126	104	193
8	182	227	229	187	323	480	545	744	400	122	105	205
9	190	221	229	188	329	498	561	766	385	116	111	204
10	204	236	226	180	323	548	552	760	372	113	112	197
11	221	241	212	192	318	620	522	747	368	117	114	193
12	221	240	194	192	316	656	545	736	359	122	110	185
13	228	236	185	200	323	657	627	723	349	121	110	185
14	210	224	187	206	331	651	672	711	336	128	124	188
15	181	204	187	224	323	648	683	695	325	146	142	190
16	184	194	187	228	325	641	687	678	309	139	157	182
17	188	188	179	221	344	630	708	675	291	150	156	180
18	212	192	176	216	372	614	716	675	252	173	149	185
19	206	194	184	221	386	597	716	669	232	179	146	185
20	206	198	203	229	455	578	699	659	216	173	144	185
21	209	206	232	227	558	561	684	644	202	167	144	188
22	209	211	253	233	621	557	660	618	196	168	144	190
23	205	221	250	236	635	567	629	608	194	170	164	199
24	190	236	245	220	617	564	606	585	186	167	162	205
25	202	244	240	209	593	554	596	563	176	162	154	202
26	198	251	228	216	566	540	593	549	167	156	142	193
27	197	247	220	238	542	555	584	536	168	148	138	188
28	199	235	226	268	526	593	575	521	169	139	138	193
29	198	224	222	287	537	602	573	505	162	140	–	197
30	198	223	217	301	546	606	567	495	148	135	–	197
31	–	224	–	299	545	–	567	–	140	135	–	202
Total	5,942	6,871	6,516	6,793	12,970	16,904	18,828	19,713	9,204	4,360	3,691	5,839
Mean	198	222	217	219	418	563	607	657	297	141	132	188
Max.	228	264	253	301	635	657	716	766	484	179	164	205
Min.	176	188	176	180	304	460	522	495	140	113	101	149
Runoff - mcm.	513.389	593.654	562.982	586.915	1,120.608	1,460.506	1,626.739	1,703.203	795.226	376.704	318.902	504.490

WATER YEAR 1974 : Max. 766 Min. 101 Mean 322 Annual Runoff 10,163.318 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.9	19.00	5.53	768				

CHAO PHYA RIVER BASIN

Chao Phya River at Amphoe Muang, Nakhon Sawan (C.2)

Location: Lat. 15^{0}–40'–15" N., Long. 100^{0}–06'–45" E., on left bank about 3 kilometers downstream from Dechatiwong Bridge, Amphoe Muang, Nakhon Sawan.

Drainage Area: 110,569 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 17.00 m. (M.S.L.)

Bench Mark: B.M. – H.S./RID

Location: about 20 meters west of the gage site.
Elevation: + 23.628 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1914 to date.

Rating Operation:

Period of Rating: 1956 to date.
Rated by Float: –
Rated by Current Meter: 1956 to date.

Stability of Channel Regimes: Fairly stable with variable water surface slope and some scouring, no shifting adjustment for flow computation.

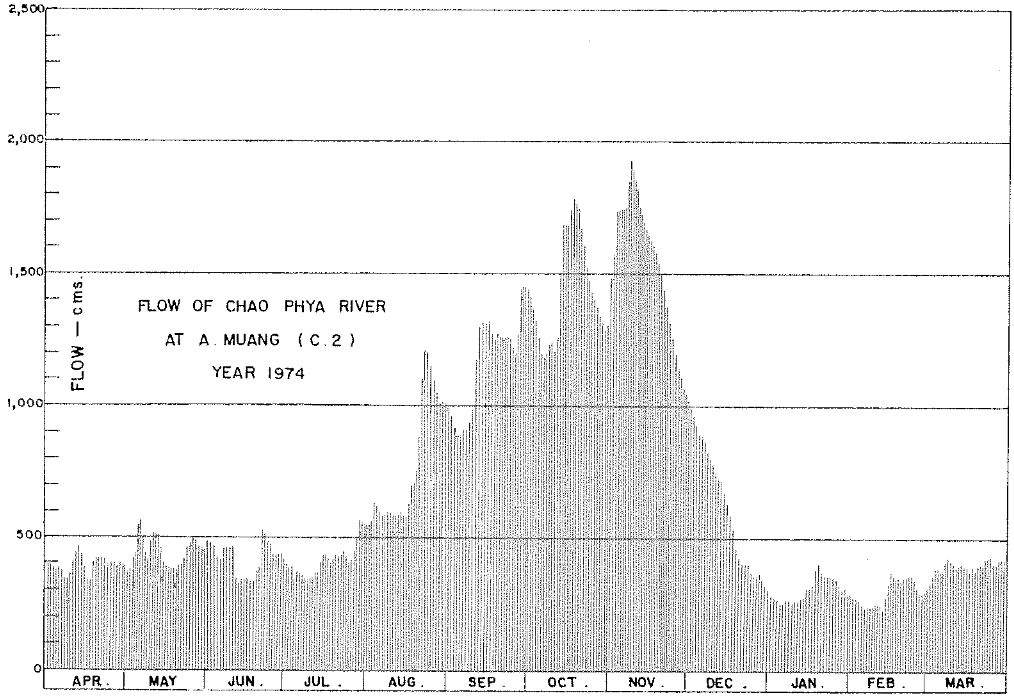
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage–discharge relation defined by 235 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	19.09	19.02	19.43	19.12	19.62	20.92	22.11	22.18	21.02	18.68	18.64	18.81
2	.09	.01	.38	.07	.64	.85	.00	.40	20.94	.61	.62	.87
3	.06	.20	.36	18.97	.77	.76	21.88	.72	.84	.60	.63	19.00
4	.01	.17	.32	.88	.91	.67	.76	.86	.74	.57	.60	.09
5	.05	.62	.19	19.00	.85	.62	.64	.86	.65	.52	.55	.08
6	19.02	19.68	19.16	18.99	19.75	20.70	21.50	22.86	20.64	18.56	18.44	19.02
7	18.86	.52	.28	.96	.74	.71	.45	.88	.60	.61	.48	.10
8	.91	.25	.33	.93	.77	.76	.55	23.12	.51	.59	.47	.20
9	.97	.16	.32	.88	.79	.83	.62	.27	.40	.54	.50	.21
10	19.03	.37	.34	.91	.79	.96	.62	.16	.34	.52	.52	.16
11	19.23	19.52	19.10	18.92	19.76	21.40	21.50	23.05	30.27	18.56	18.54	19.13
12	.28	.50	18.91	19.01	.73	.72	.65	22.91	.18	.62	.51	.07
13	.35	.49	.84	.00	.76	.80	22.35	.81	.17	.63	.42	.10
14	.23	.38	.91	.12	.79	.79	.72	.76	.06	.74	.61	.13
15	18.96	.15	.90	.23	.72	.81	.73	.66	19.92	.80	.80	.10
16	18.87	19.09	18.91	19.25	19.74	21.82	22.70	22.60	19.81	18.70	19.00	19.06
17	.87	.06	.89	.19	.95	.72	.84	.56	.69	.82	18.97	.02
18	19.12	.05	.84	.12	20.12	.64	.94	.48	.50	19.06	.92	.08
19	.18	.04	.90	.16	.13	.69	.92	.38	.32	.13	.94	.02
20	.16	.03	19.03	.25	.40	.67	.85	.27	.22	.05	.90	.10
21	19.18	19.10	19.44	19.20	20.78	21.64	22.71	22.16	19.11	18.99	18.95	19.12
22	.18	.11	.56	.22	21.28	.66	.52	21.98	.11	.97	.95	.10
23	.14	.20	.49	.31	.54	.68	.32	.88	.12	.97	.98	.18
24	.03	.32	.48	.19	.48	.64	.17	.73	.03	.96	.98	.20
25	.12	.37	.37	.12	.35	.56	.07	.59	.02	.93	.85	.24
26	19.12	19.45	19.25	19.18	21.25	21.51	22.01	21.48	18.90	18.91	18.73	19.09
27	.09	.45	.21	.30	.08	.70	21.93	.36	.96	.83	.71	.12
28	.13	.40	.24	.45	.00	22.11	.84	.29	19.00	.76	.70	.19
29	.11	.32	.25	.57	.00	.16	.80	.18	18.89	.79	–	.20
30	.09	.30	.21	.67	.01	.14	.73	.09	.80	.70	–	.17
31	–	.32	–	.63	.00	–	.81	–	.76	.71	–	.23
Mean	19.12	19.27	19.25	19.19	20.13	21.42	22.10	22.64	19.83	18.72	18.71	19.16
Max.	19.35	19.68	19.56	19.67	21.54	22.16	22.94	23.27	21.02	19.13	19.00	19.24
Min.	18.86	19.01	18.84	18.88	19.62	20.62	21.45	21.09	18.76	18.52	18.42	18.81

WATER YEAR 1974 : Max. 23.27 m. Min. 18.42 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	397	378	494	407	551	985	1,438	1,466	1,020	290	281	322
2	397	375	479	392	557	960	1,394	1,554	992	274	277	337
3	387	428	473	364	596	929	1,346	1,682	957	272	279	372
4	375	420	462	340	638	897	1,298	1,742	922	265	272	397
5	386	551	425	372	620	880	1,251	1,742	890	254	260	394
6	378	569	417	369	590	908	1,198	1,742	887	262	236	378
7	335	521	450	361	587	911	1,179	1,751	873	274	245	400
8	348	442	465	353	596	929	1,217	1,859	841	270	242	428
9	364	417	462	340	602	953	1,244	1,925	803	258	249	431
10	380	476	468	348	602	999	1,244	1,877	782	254	254	417
11	436	521	400	350	593	1,160	1,198	1,827	757	263	258	403
12	450	515	348	375	584	1,282	1,255	1,764	726	277	251	392
13	470	512	330	372	593	1,314	1,534	1,720	723	279	231	400
14	436	479	348	406	602	1,310	1,682	1,699	687	305	274	408
15	361	414	345	436	581	1,318	1,687	1,658	641	320	320	400
16	337	397	348	442	587	1,322	1,674	1,634	608	312	372	387
17	337	389	342	425	651	1,282	1,734	1,618	572	325	364	378
18	406	386	330	406	707	1,251	1,778	1,586	515	387	350	394
19	422	383	345	417	710	1,270	1,769	1,546	462	408	356	378
20	417	380	380	442	803	1,263	1,738	1,502	434	386	345	400
21	422	400	497	428	936	1,251	1,678	1,458	403	369	358	406
22	422	403	533	434	1,115	1,259	1,602	1,386	403	364	358	400
23	411	428	512	459	1,213	1,265	1,522	1,346	406	364	367	422
24	380	462	509	425	1,190	1,251	1,462	1,286	380	361	367	428
25	406	476	476	406	1,141	1,221	1,422	1,232	378	353	332	439
26	406	500	442	422	1,103	1,202	1,398	1,190	345	348	302	397
27	397	500	431	456	1,042	1,274	1,366	1,145	361	327	297	406
28	408	485	439	500	1,013	1,438	1,330	1,118	372	310	295	425
29	403	462	442	536	1,013	1,458	1,314	1,078	342	317	–	428
30	397	456	431	566	1,017	1,450	1,286	1,045	420	295	–	420
31	–	462	–	554	1,013	–	1,318	–	310	297	–	436
Total	11,871	13,987	12,823	12,903	24,146	35,192	44,556	46,178	19,112	9,640	8,392	12,423
Mean	396	451	427	416	779	1,173	1,437	1,539	616	311	300	401
Max.	470	569	533	566	1,213	1,458	1,778	1,925	1,020	408	372	439
Min.	335	375	330	340	551	880	1,179	1,045	310	254	231	322
Runoff – mcm.	1,025.654	1,208.477	1,107.907	1,114.819	2,086.214	3,040.588	3,849.638	3,989.779	1,651.277	832.896	725.069	1,073.347

WATER YEAR 1974 : Max. 1,925 Min. 231 Mean 688 Annual Runoff 21,705.667 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 9	05.00	23.28	1,930				

CHAO PHYA RIVER BASIN

Chao Phya River at Wat Pho Ngam, Chai Nat (C.13)

Location: Lat. 15°-09'-57" N., Long. 100°-11'-32" E., on left bank about 1.5 kilometers downstream from Chao Phya Diversion Dam, Amphoe Sanphya, Chai Nat.

Drainage Area: 120,693 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 7.00 m. (M.S.L.)

Bench Mark: B.M. - C13

Location: along the gage line.
Elevation: + 15.634 m. (M.S.L.)

Gage Reading Frequency: 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: 1947 to date.

Rating Operation:

Period of Rating: 1953-1962, 1965-1968, 1972.
Rated by Float: -
Rated by Current Meter: 1953-1962, 1965-1968, 1972.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

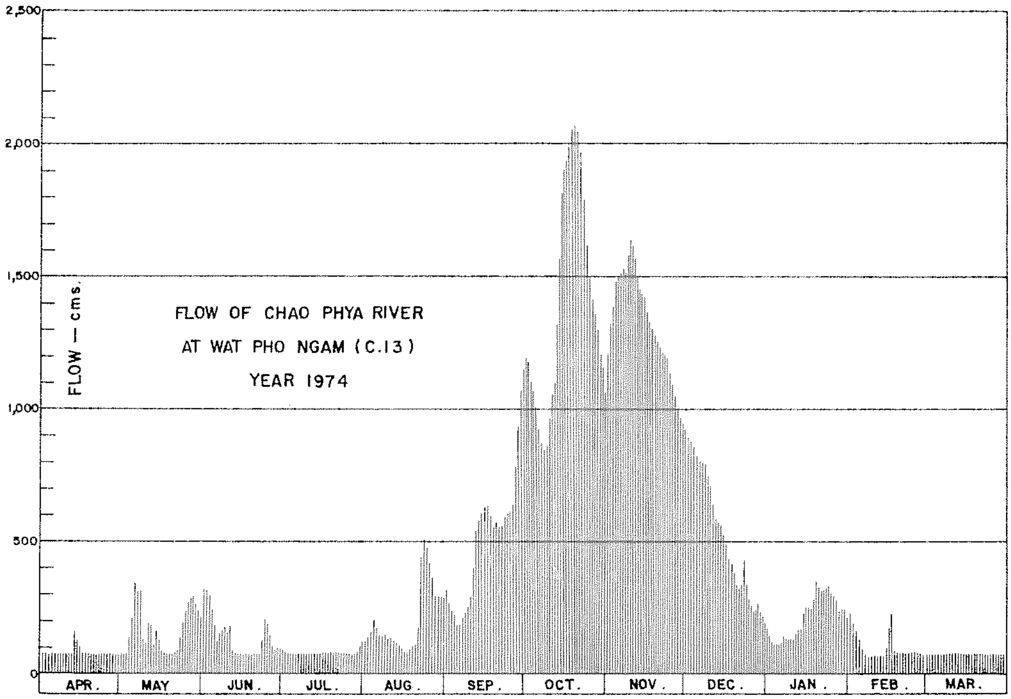
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 42 discharge measurements made during 1965-1968. Flow regulated by Chao Phya Diversion Dam ± above gage site which diverted for irrigation of about 979,000 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.06	7.06	8.55	7.24	7.43	8.53	11.70	11.55	10.82	7.71	8.07	7.10
2	.06	.05	.59	.18	.50	.31	.66	.95	.74	.52	7.92	.09
3	.06	.05	.50	.09	.63	.19	.49	12.18	.73	.42	.87	.09
4	.06	.52	.26	.05	.74	.05	.39	.44	.64	.37	.73	.09
5	.06	8.01	7.80	.05	.94	7.75	.04	.52	.52	.37	.37	.10
6	7.06	8.69	7.37	7.04	7.72	7.86	10.89	12.54	10.48	7.36	7.16	7.11
7	.06	.57	.65	.04	.60	.95	.70	.60	.47	.63	.02	.11
8	.06	.54	.69	.04	.59	8.08	.58	.56	.47	.50	.02	.11
9	.05	7.57	.80	.04	.58	.21	.65	.74	.31	.53	.02	.11
10	.05	.32	.64	.04	.52	.38	.86	.84	.22	.51	.03	.11
11	7.05	7.85	7.85	7.04	7.52	8.67	11.27	12.77	9.79	7.46	7.03	7.11
12	.06	.86	.15	.04	.50	9.41	.33	.62	.70	.75	.03	.11
13	.70	.29	.08	.03	.47	.63	.97	.46	.66	.70	.02	.10
14	.45	.75	.05	.03	.41	.77	12.90	.39	.63	.79	.02	.10
15	.26	.58	.05	.03	.32	.75	13.34	.31	.48	8.21	.02	.10
16	7.10	7.16	7.05	7.04	7.18	9.88	13.43	12.13	9.37	8.23	7.76	7.10
17	.05	.08	.04	.04	.11	.88	.51	.06	.10	.17	8.10	.10
18	.05	.07	.03	.04	.21	.71	.69	.00	.06	.25	7.19	.10
19	.05	.07	.03	.05	.31	.58	.74	11.91	8.92	.68	.11	.09
20	.05	.06	.03	.08	.34	.65	.72	.83	.67	.63	.11	.09
21	7.05	7.06	7.03	7.08	7.69	9.59	13.66	11.81	8.61	8.54	7.11	7.09
22	.06	.12	.05	.08	8.68	.57	.43	.76	.68	.57	.11	.09
23	.06	.54	.93	.08	9.36	.69	.15	.74	9.08	.60	.12	.09
24	.07	.83	.94	.08	.40	.77	12.91	.69	8.49	.64	.12	.10
25	.06	8.02	.89	.08	.23	.79	.58	.52	.32	.50	.12	.10
26	7.06	8.29	7.64	7.08	9.02	9.87	12.34	11.37	8.21	8.47	7.12	7.10
27	.06	.38	.20	.09	8.63	10.13	.25	.29	.10	.40	.11	.09
28	.06	.45	.18	.09	.45	.67	.11	.11	.28	.13	.10	.09
29	.06	.34	.20	.10	.45	11.30	11.81	10.99	.16	.20	-	.09
30	.06	.15	.27	.24	.44	.53	.58	.98	.06	.16	-	.09
31	-	7.97	-	.43	.44	-	.28	-	7.93	7.99	-	.09
Mean	7.10	7.68	7.51	7.08	7.91	9.30	12.16	12.02	9.37	7.99	7.26	7.09
Max.	7.70	8.69	8.59	7.43	9.40	11.53	13.74	12.84	10.82	8.68	8.10	7.11
Min.	7.05	7.05	7.03	7.03	7.11	7.75	10.58	10.98	7.93	7.36	7.02	7.09

WATER YEAR 1974 : Max. 13.74 m. Min. 7.02 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	74	74	315	96	121	311	1,189	1,136	901	162	225	79
2	74	73	323	89	131	268	1,175	1,279	877	134	198	78
3	74	73	305	78	149	246	1,116	1,363	874	120	189	78
4	74	134	259	73	167	221	1,083	1,463	848	113	165	78
5	74	214	177	73	201	168	968	1,494	813	113	113	79
6	74	344	113	72	163	187	922	1,502	801	111	86	80
7	74	319	152	72	145	203	865	1,526	798	149	69	80
8	74	313	158	72	144	226	830	1,506	798	131	69	80
9	73	141	177	72	142	250	850	1,586	753	135	69	80
10	73	106	151	72	134	281	913	1,630	728	132	71	80
11	73	185	185	72	134	340	1,043	1,599	611	125	71	80
12	74	187	85	72	131	513	1,063	1,535	588	168	71	80
13	160	102	77	71	127	570	1,286	1,470	578	160	69	79
14	124	168	73	71	118	606	1,656	1,443	570	179	69	79
15	98	142	73	71	106	601	1,865	1,412	531	250	69	79
16	79	86	73	72	89	635	1,910	1,344	502	253	170	79
17	73	77	72	72	80	635	1,950	1,319	435	243	230	79
18	73	75	71	72	92	591	2,042	1,297	426	257	90	79
19	73	75	71	73	104	557	2,068	1,265	394	342	80	78
20	73	74	71	77	109	575	2,058	1,236	340	331	80	78
21	73	74	71	77	158	551	2,026	1,229	327	313	80	78
22	74	81	73	77	342	554	1,910	1,210	342	319	80	78
23	74	137	119	77	500	585	1,771	1,203	430	325	81	78
24	75	182	201	77	510	606	1,660	1,185	303	333	81	79
25	74	216	192	77	466	611	1,518	1,126	270	305	81	79
26	74	264	151	77	417	632	1,424	1,076	250	299	81	79
27	74	281	91	78	331	702	1,389	1,050	230	285	80	78
28	74	295	89	78	295	856	1,337	990	263	235	79	78
29	74	274	91	79	295	1,053	1,229	952	241	248	–	78
30	74	239	99	96	293	1,129	1,147	949	223	241	–	78
31	–	207	–	121	293	–	1,046	–	199	210	–	78
Total	2,378	5,212	4,158	2,406	6,487	15,371	43,309	39,375	16,244	6,721	2,896	2,443
Mean	79.3	168	139	77.6	209	509	1,397	1,312	524	217	103	79.0
Max.	160	344	323	121	510	1,129	2,068	1,630	901	342	230	80
Min.	73	73	71	71	80	168	830	949	199	111	69	78
Runoff - mcm.	205.459	450.316	359.251	207.878	560.477	1,319.414	3,741.897	3,402.000	1,403.481	580.694	250.214	211.075

WATER YEAR 1974 : Max. 2,068 Min. 69 Mean 402 Annual Runoff 12,692.160mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 19	24.00	13.78	2,089				

CHAO PHYA RIVER BASIN

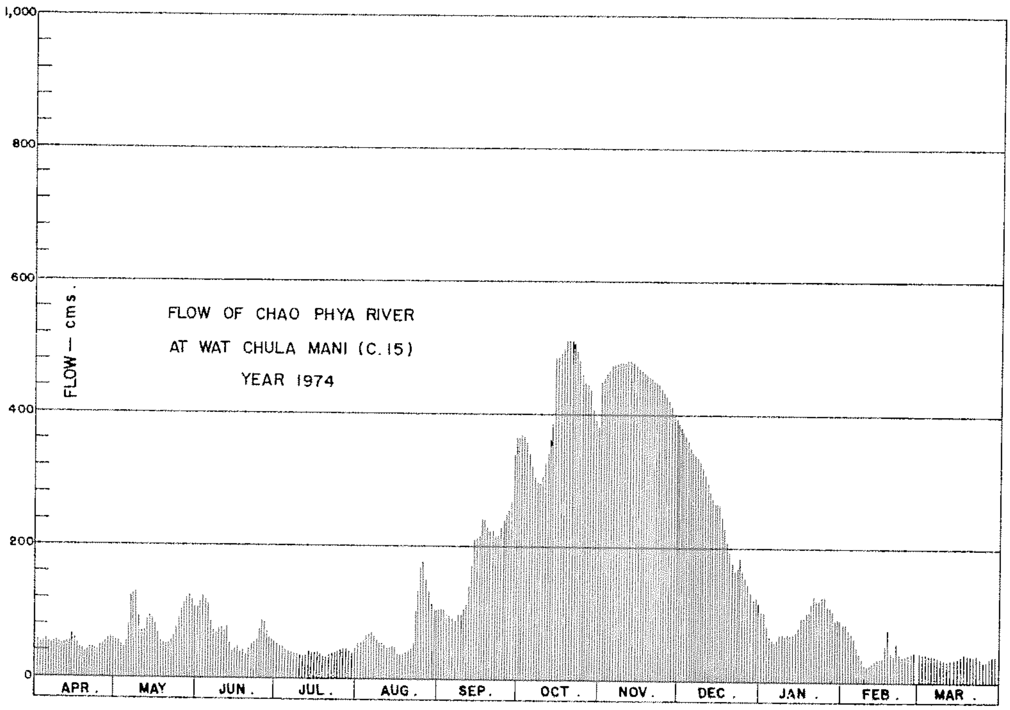
Chao Phya River at Wat Chula Manî, Phra Nakhon Si Ayutthaya (C.15)

Location:	Lat. 14°-25'-35" N., Long. 100°-29'-11" E., on left bank infront of Wat Chula Mani, 100 meters upstream from confluence with Khlong Bang Ban, Amphoe Bang Ban, Ayuthaya.
Drainage Area:	Flood plain.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	-0.20 m. (M.S.L.)
Bench Mark:	B.M. - C15 about 15 meters from B.M. H.S.-RID No. 9
Location	on left bank north of Wat Chula Mani.
Elevation:	+ 4.301 m. (M.S.L.)
Gage Reading Frequency:	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:	1950 to date.
Rating Operation:	
Period of Rating:	1955
Rated by Float:	-
Rated by Current Meter:	1955
Stability of Channel Regimes:	Fairly stable by some silting, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 3.90 m. (M.S.L.) but hardly to be determined. Records are channel flow only.
General Description:	Records fair. Stage-discharge relation defined by 287 discharge measurements made in 1955. Flow regulated by Chao Phya Diversion Dam at Chai Nat.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.83	0.83	1.43	0.82	0.80	1.45	3.69	4.26	3.84	1.45	1.22	0.68
2	.77	.84	.56	.76	.81	.48	.73	.30	.76	.43	.25	.64
3	.82	.73	.66	.73	.82	.40	.72	.35	.72	.20	.13	.63
4	.86	.69	.58	.67	.92	.34	.62	.36	.66	.01	.06	.60
5	.79	.86	.51	.65	.98	.32	.52	.41	.57	0.92	.03	.61
6	0.74	1.26	1.22	0.60	1.02	1.17	3.35	4.42	3.52	0.89	0.80	0.61
7	.81	.70	.04	.57	.01	.23	.26	.43	.51	.94	.67	.56
8	.82	.71	0.99	.59	0.88	.32	.21	.43	.47	1.04	.46	.56
9	.79	.52	1.05	.52	.83	.35	.20	.43	.43	.03	.38	.54
10	.70	.16	.10	.53	.84	.44	.34	.45	.33	.00	.33	.44
11	0.77	0.99	1.03	0.50	0.75	1.53	3.44	4.46	3.22	1.05	0.38	0.44
12	.76	1.07	.09	.45	.69	.74	.56	.44	.11	.00	.41	.50
13	.77	.26	0.79	.61	.72	2.20	.71	.43	.04	.08	.50	.48
14	.96	.34	.62	.56	.71	.45	4.16	.41	.00	.08	.51	.52
15	.93	.24	.65	.58	.71	.49	.44	.39	2.96	.17	.51	.55
16	0.82	1.14	0.71	0.58	0.57	2.57	4.49	4.36	2.96	1.33	0.50	0.57
17	.72	0.93	.60	.59	.56	.75	.51	.34	.75	.34	.78	.63
18	.66	.80	.65	.55	.57	.74	.57	.32	.61	.42	1.14	.68
19	.59	.77	.54	.49	.62	.65	.62	.31	.48	.44	0.72	.60
20	.62	.77	.63	.49	.64	.60	.62	.29	.31	.67	.59	.60
21	0.63	0.79	0.75	0.53	0.63	2.61	4.63	4.27	2.19	1.66	0.87	0.58
22	.70	.84	.80	.58	.80	.51	.58	.26	.09	.61	.74	.63
23	.66	.99	.77	.60	1.47	.53	.50	.24	.12	.61	.58	.56
24	.62	1.20	.98	.61	2.03	.61	.43	.20	.26	.68	.59	.49
25	.75	.27	1.22	.66	.15	.71	.28	.16	1.98	.68	.55	.47
26	0.77	1.46	1.21	0.65	2.04	2.81	4.23	4.11	1.97	1.55	0.62	0.48
27	.86	.60	.10	.70	1.88	.82	.24	.06	.83	.52	.67	.55
28	.88	.62	0.91	.70	.72	3.00	.18	.02	.67	.44	.70	.62
29	.90	.67	.87	.61	.53	.43	3.97	3.95	.64	.29	-	.61
30	.89	.62	.83	.60	.45	.71	.88	.90	.69	.32	-	.57
31	-	.42	-	.67	.42	-	.80	-	.57	.27	-	.59
Mean	0.77	1.16	1.00	0.60	1.05	2.20	3.98	4.29	2.75	1.29	0.70	0.57
Max.	0.96	1.71	1.66	0.82	2.15	3.71	4.63	4.46	3.84	1.68	1.25	0.68
Min.	0.59	0.69	0.54	0.45	0.56	1.17	3.20	3.90	1.57	0.89	0.33	0.44

WATER YEAR 1974 : Max. 4.63 m. Min. 0.33 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	56	56	104	55	54	105	363	448	384	105	87	46
2	52	57	115	51	55	108	368	454	372	104	89	43
3	55	49	125	49	55	101	367	462	367	85	79	42
4	58	46	117	45	63	96	353	464	358	70	74	40
5	53	58	111	44	67	95	339	473	346	63	71	41
6	50	90	87	40	71	83	316	474	339	60	54	41
7	55	128	72	38	70	87	304	476	337	64	45	38
8	55	129	68	39	60	95	297	476	332	72	32	38
9	53	112	73	35	56	97	296	476	326	71	27	36
10	47	82	77	36	57	105	314	479	313	69	24	30
11	52	68	71	34	51	113	328	481	299	73	27	30
12	51	75	76	31	46	132	344	478	284	69	29	34
13	52	90	53	41	48	179	365	476	275	75	34	33
14	66	96	41	38	48	265	432	473	270	75	35	35
15	63	88	44	39	48	210	478	469	265	83	35	37
16	55	80	48	39	38	219	486	464	265	95	34	38
17	48	63	40	39	38	240	490	461	240	96	53	42
18	44	54	44	37	38	239	501	457	223	103	80	46
19	39	52	36	33	41	228	510	456	209	105	48	40
20	41	52	42	33	43	222	510	452	191	126	39	40
21	42	53	51	36	42	223	511	449	178	125	59	39
22	47	57	54	39	54	212	502	448	167	120	50	42
23	44	68	52	40	107	214	488	444	171	120	39	38
24	41	85	67	41	161	223	476	438	185	127	39	33
25	51	91	87	44	174	235	451	432	156	127	37	32
26	52	106	86	44	162	247	443	424	155	115	41	33
27	58	119	77	47	146	248	444	416	141	112	45	37
28	60	121	62	47	130	270	435	409	126	105	47	41
29	61	126	59	41	113	326	402	399	123	92	–	41
30	60	121	56	40	105	365	389	392	128	95	–	38
31	–	103	–	45	103	–	378	–	116	91	–	39
Total	1,561	2,575	2,095	1,260	2,344	5,523	12,680	13,600	7,641	2,892	1,353	1,183
Mean	52	83	70	41	76	184	409	453	246	93	48	38
Max.	66	129	125	55	174	365	511	481	384	127	89	46
Min.	39	46	36	31	38	83	296	392	116	60	24	30
Runoff - mcm.	134.80	222.4	181.0	108.8	202.5	477.1	1,095.5	1,175.0	660.1	249.8	116.8	102.2

WATER YEAR 1974 : Max. 511 Min. 24 Mean 150 Annual Runoff 4,726.60 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.21	06.00	4.63	511.39				

CHAO PHYA RIVER BASIN

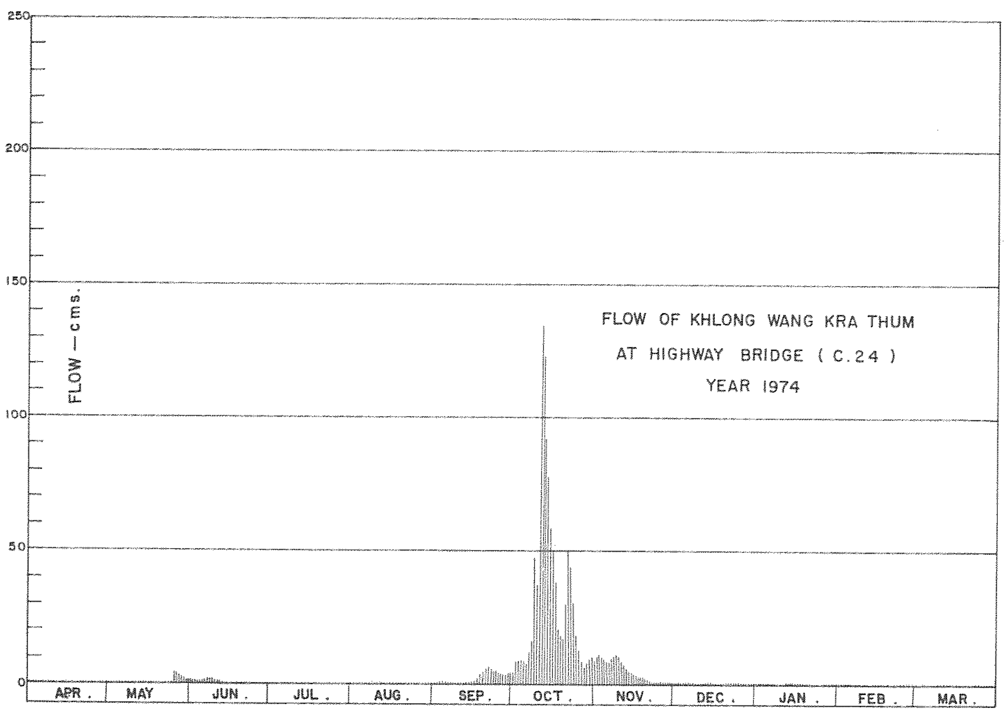
Khlong Wang Kra Thum at Highway Bridge, Lop Buri (C.24)

Location:	Lat. 15°-06'-07" N., Long. 100°-42'-58" E., on left bank at bridge on Phahon Yothin Highway 2.5 kilometers from Amphoe Khok Samrong, Lop Buri.
Drainage Area:	1,281 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 20.30 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near left abutment of Wang Kra Thum Bridge.
Elevation:	+ 26.380 m. (M.S.L.)
Gage Reading Frequency:	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:	1966 to date.
Rating Operation:	
Period of Rating:	1966-1967.
Rated by Float:	-
Rated by Current Meter:	1966-1967.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 59 discharge measurements made in 1967.
Remarks:	No records on April 1 - May 24, July 22 - August 31, 1974. Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			21.39	20.12		20.61	22.46	22.88	21.52	21.64	21.10	20.60
2			.33	.00		.89	.84	23.05	.65	.70	.10	.60
3			.19	19.99		21.11	.89	22.96	.70	.73	.10	.54
4			.21	.93		.22	.91	.93	.47	.60	.03	.53
5			.29	.89		.23	.80	.84	.35	.38	.00	.56
6			21.40	19.88		21.18	22.73	22.86	21.44	21.37	20.99	20.56
7			.41	.85		.11	23.01	.92	.38	.20	.97	.56
8			.43	.83		.10	.22	23.00	.37	.20	.95	.55
9			.39	.74		.15	24.18	.01	.38	.17	.92	.55
10			.34	.74		.14	23.95	22.94	.40	.16	.90	.55
11			21.18	19.73		21.13	24.35	22.83	21.52	21.20	20.88	20.55
12			.12	.69		.13	.68	.70	.51	.35	.85	.55
13		No Record	.03	.64		.13	.53	.58	.48	.35	.85	.54
14			20.95	.70		.12	.46	.51	.39	.41	.85	.53
15			.89	.66		.23	.27	.41	.35	.40	.85	.52
16			20.86	19.59		21.31	24.15	22.36	21.33	21.40	20.81	20.51
17			.80	.53	No Record	.74	23.79	.26	.28	.40	.60	.51
18	No Record		.75	.49		.90	.50	.19	.27	.38	.60	.48
19			.70	.47		22.12	.40	.14	.45	.35	.78	.42
20			.70	.43		.58	.32	.04	.51	.28	.75	.34
21			20.64	19.30		22.54	23.99	21.91	21.58	21.35	20.73	20.33
22			.62			.65	24.22	.74	.60	.31	.72	.35
23			.57			.44	.03	.70	.61	.20	.70	.35
24			.55			.54	23.65	.69	.61	.21	.70	.35
25		21.18	.51			.43	.34	.67	.60	.23	.70	.33
26		22.43	20.44			22.36	23.05	21.56	21.60	21.24	20.70	20.35
27		.44	.40	No Record		.26	22.86	.55	.58	.24	.70	.33
28		.22	.39			.24	.63	.50	.59	.24	.63	.31
29		21.97	.22			.31	.84	.66	.61	.17	-	.28
30		.80	.20			.44	23.05	.60	.67	.13	-	.29
31		.66	-			-	22.96	-	.66	.10	-	.28
Mean			20.89			21.67	23.48	22.33	21.49	21.32	20.83	20.45
Max.			21.43			22.65	24.68	23.05	21.70	21.73	21.10	20.60
Min.			20.20			20.61	22.46	21.60	21.27	21.10	20.63	20.28

WATER YEAR 1974 : Max. 24.68 m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			1.08	0.00		0.01	4.96	8.96	1.34	1.58	0.50	0.00
2			0.96			0.29	8.48	11	1.60	1.70	0.50	
3			0.68			0.52	9.08	10	1.70	1.76	0.50	
4			0.72			0.74	9.34	10	1.24	1.50	0.43	
5			0.88			0.76	8.00	8.48	1.00	1.06	0.40	
6			1.10			0.66	7.23	8.72	1.18	1.04	0.39	
7			1.12			0.52	11	9.48	1.06	0.70	0.37	
8			1.16			0.50	14	11	1.04	0.70	0.35	
9			1.08			0.60	47	11	1.06	0.64	0.32	
10			0.98			0.58	35	10	1.10	0.62	0.30	
11			0.66			0.56	61	8.36	1.34	0.70	0.28	
12			0.54			0.56	134	6.90	1.32	1.00	0.25	
13			0.43			0.56	88	5.84	1.26	1.00	0.25	
14			0.35			0.54	76	5.28	1.08	1.12	0.25	
15			0.29			0.76	53	4.66	1.00	1.10	0.25	
16			0.26			0.92	45	4.36	0.96	1.10	0.21	
17			0.20			1.78	29	3.76	0.86	1.10	0.00	
18			0.15			2.20	20	3.36	0.84	1.06	0.00	
19			0.10			3.08	18	3.16	1.20	1.00	0.18	
20			0.10			5.84	16	2.76	1.32	0.86	0.15	
21			0.04	0.00		5.52	37	2.24	1.46	1.00	0.13	
22			0.02			6.45	50	1.78	1.50	0.92	0.12	
23			0.00			4.84	39	1.70	1.52	0.70	0.10	
24						5.52	24	1.68	1.52	0.72	0.10	
25		0.66				4.78	17	1.64	1.50	0.76	0.10	
26		4.78				4.36	11	1.42	1.50	0.78	0.10	
27		4.84				3.76	8.72	1.40	1.46	0.78	0.10	
28		3.52				3.64	6.27	1.30	1.48	0.78	0.03	
29		2.48				4.06	8.48	1.62	1.52	0.64	–	
30		1.90	0.00			4.84	11	1.50	1.64	0.56	–	
31		1.62	–			–	10	–	1.62	0.50	–	0.00
Total			12.90			69.75	916.56	163.36	40.22	29.48	6.66	0.00
Mean			0.430			2.32	29.6	5.44	1.30	0.950	0.237	0.00
Max.			1.16	0.00		6.45	134	11	1.70	1.76	0.50	0.00
Min.			0.00	0.00		0.01	4.96	1.50	0.84	0.50	0.03	0.00
Runoff - mcm.			1.114	0.00		6.026	79.191	14.114	3.475	2.547	0.575	0.00

WATER YEAR 1974 : Max. 134 Min. 0.00 Mean 3.45 Annual Runoff 108.753 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12,74	06.00	24.73	167				

SAKAE KRANG RIVER BASIN

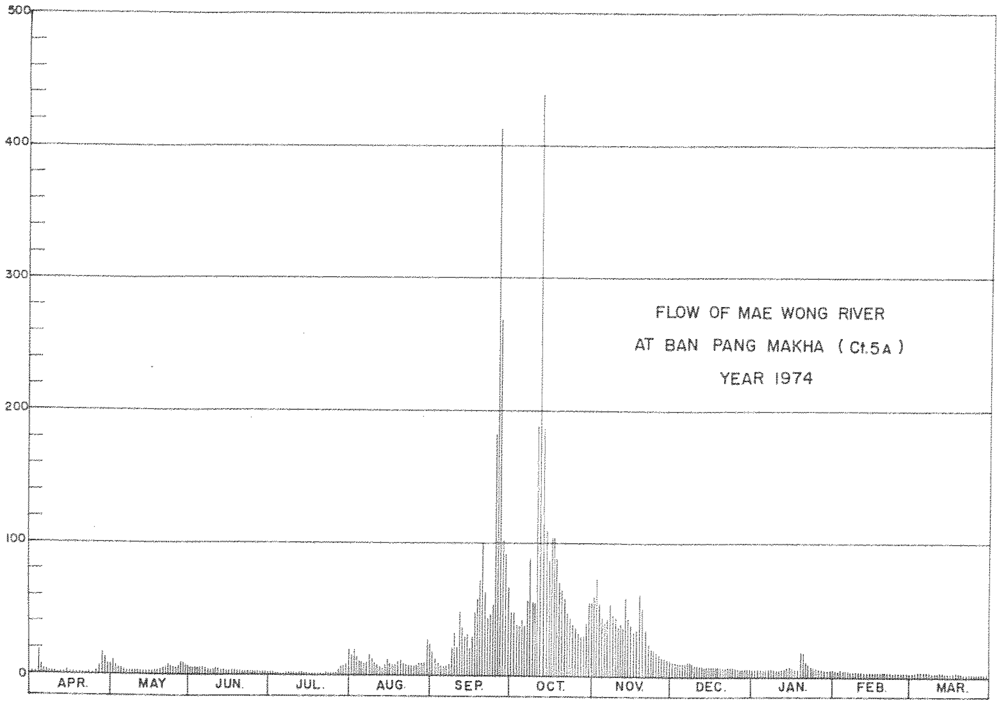
Mae Wang River at Ban Pang Makha, Kamphaeng Phet (Ct.5A)

Location:	Lat. 15°-54'-10" N., Long. 99°-28'-45" E., on left bank behind of Wat Pang Makha, Amphoe Khanuwaralaksa Buri, Kamphaeng Phet.
Drainage Area:	833 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - RID
Location:	near automatic gage building.
Elevation:	+ 4.189 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April - October 14. Recording on October 15 - March.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5, 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1968 to date.
Rated by Float:	-
Rated by Current Meter:	1968 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment but periodic curves are used for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 4.00 m. (A.D.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 281 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.35	0.85	0.58	0.36	1.11	1.13	1.88	2.21	1.20	0.96	0.90	0.65
2	.38	.69	.57	.38	1.17	0.90	.90	.38	.17	.95	.85	.65
3	1.16	.58	.53	.36	0.98	.79	.70	.02	.15	.94	.92	.69
4	0.68	.54	.55	.34	.82	.71	.65	1.81	.15	.93	.92	.66
5	.50	.50	.58	.34	.82	.70	.80	.71	.13	.93	.90	.65
6	0.43	0.46	0.52	0.32	0.81	0.65	1.66	1.81	1.11	0.94	0.88	0.63
7	.39	.42	.49	.33	.90	.76	2.09	2.01	.19	.96	.86	.63
8	.35	.39	.47	.36	1.05	1.30	.63	1.84	.13	.96	.86	.62
9	.32	.38	.49	.36	0.87	.58	.06	.77	.12	.95	.86	.62
10	.30	.39	.54	.34	.75	.19	.07	.64	.10	.94	.85	.61
11	0.31	0.40	0.52	0.34	0.66	1.90	3.74	1.70	1.08	0.98	0.84	0.61
12	.30	.36	.48	.34	.62	.60	4.69	.62	.07	.99	.83	.61
13	.31	.36	.45	.35	.61	.47	3.75	2.13	.05	.99	.83	.61
14	.39	.38	.44	.34	0.95	.50	2.91	1.78	.05	1.04	.83	.60
15	.34	.34	.43	.34	.83	.16	.61	.65	.04	.07	.82	.60
16	0.31	0.35	0.43	0.33	0.73	1.62	2.87	1.54	1.05	1.01	0.82	0.60
17	.29	.37	.43	.33	.70	.96	.85	.57	.04	0.97	.82	.60
18	.27	.43	.44	.32	.81	2.15	.64	2.16	.03	.95	.82	.63
19	.26	.41	.41	.32	.97	.41	.31	1.86	.02	1.43	.82	.63
20	.25	.48	.38	.32	.87	.79	.14	.72	.01	.38	.81	.61
21	0.24	0.58	0.38	0.32	0.77	2.19	2.07	1.63	1.01	1.15	0.81	0.60
22	.24	.58	.39	.34	.72	1.80	1.92	.54	.01	.07	.81	.60
23	.24	.68	.38	.33	.68	1.85	.81	.48	.01	.03	.80	.59
24	.22	.66	.37	.33	.68	2.03	.70	.45	.01	0.99	.80	.59
25	.28	.59	.36	.32	.72'	3.70	.61	.39	.00	.98	.80	.58
26	0.54	0.56	0.36	0.36	0.77	4.63	1.52	1.35	0.99	0.97	0.80	0.58
27	1.10	.66	.36	.52	.80	3.68	.46	.35	.98	.95	.80	.58
28	.06	.78	.35	.62	.76	2.83	.51	.28	.97	.94	.80	.58
29	0.78	.73	.36	.65	.82	2.60	.74	.25	.97	.93	-	.58
30	.69	.64	.35	.76	1.47	2.29	2.06	.22	.96	.91	-	.61
31	-	.59	-	1.20	.24	-	.03	-	.96	.90	-	.58
Mean	0.44	0.52	0.45	0.40	0.85	1.86	2.34	1.69	1.06	1.00	0.84	0.61
Max.	1.16	0.85	0.58	1.20	1.47	4.63	4.69	2.38	1.20	1.43	0.92	0.69
Min.	0.22	0.34	0.35	0.32	0.61	0.65	1.46	1.22	0.96	0.90	0.80	0.58

WATER YEAR 1974 : Max. 4.69 m. Min. 0.22 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.05	11	5.46	2.16	17	18	47	63	10	5.06	4.10	2.55
2	2.38	7.42	5.29	2.38	19	12	48	73	9.58	4.90	3.40	2.55
3	19	5.46	4.61	2.16	14	9.40	39	54	9.10	4.74	4.42	3.31
4	7.24	4.78	4.95	1.94	10	7.80	37	43	9.10	4.58	4.42	2.74
5	4.10	4.10	5.46	1.94	10	7.60	43	39	8.62	4.58	4.10	2.55
6	3.05	3.50	4.44	1.72	9.83	6.70	37	43	8.14	4.74	3.82	2.17
7	2.49	2.90	3.95	1.83	12	8.80	57	53	10	5.06	3.54	2.17
8	2.05	2.49	3.65	2.16	16	23	89	45	8.62	5.06	3.54	1.98
9	1.72	2.38	3.95	2.16	11	34	55	42	8.38	4.90	3.54	1.98
10	1.50	2.49	4.78	1.94	8.60	20	56	36	7.90	4.74	3.40	1.79
11	1.61	2.60	4.44	1.94	6.88	48	186	39	7.46	5.38	3.26	1.79
12	1.50	2.16	3.80	1.94	6.16	35	439	35	7.24	5.54	3.12	1.79
13	1.61	2.16	3.35	2.05	5.98	29	187	59	6.80	5.54	3.12	1.79
14	2.49	2.38	3.20	1.94	13	31	109	42	6.80	6.58	3.12	1.60
15	1.94	1.94	3.05	1.94	10	19	87	37	6.58	7.24	2.92	1.60
16	1.61	2.05	3.05	1.83	8.20	35	105	32	6.80	5.92	2.92	1.60
17	1.43	2.27	3.05	1.83	7.60	51	104	33	6.58	5.22	2.92	1.60
18	1.29	3.05	3.20	1.72	9.83	60	89	61	6.36	4.90	2.92	2.17
19	1.22	2.75	2.75	1.72	13	75	69	46	6.14	18	2.92	2.17
20	1.15	3.80	2.38	1.72	11	99	59	36	5.92	16	2.84	1.79
21	1.08	5.46	2.38	1.72	9.00	62	56	29	5.92	9.10	2.84	1.60
22	1.08	5.46	2.49	1.94	8.00	43	49	23	5.92	7.24	2.84	1.60
23	1.08	7.24	2.38	1.83	7.24	46	44	19	5.92	6.36	2.70	1.50
24	0.99	6.88	2.27	1.83	7.24	54	39	19	5.92	5.54	2.70	1.50
25	1.36	5.63	2.16	1.72	8.00	181	35	16	5.70	5.38	2.70	1.40
26	4.78	5.12	2.16	2.16	9.00	412	31	15	5.54	5.22	2.70	1.40
27	17	6.88	2.16	4.44	9.60	179	29	13	5.38	4.90	2.70	1.40
28	16	9.20	2.05	6.16	8.80	102	31	13	5.22	4.74	2.70	1.40
29	9.20	8.20	2.16	6.70	10	87	41	12	5.22	4.58	–	1.40
30	7.42	6.52	2.05	8.80	29	68	55	11	5.06	4.26	–	1.79
31	–	5.63	–	20	21	–	54	–	5.06	4.10	–	1.40
Total	121.42	143.90	101.07	96.32	345.96	1,863.30	2,406	1,081	216.98	190.13	90.22	58.08
Mean	4.06	4.64	3.37	3.11	11.2	62.1	77.6	27.0	7.00	6.13	3.22	1.87
Max.	19	11	5.46	20	29	412	439	73	10	18	4.42	3.31
Min.	0.99	1.94	2.05	1.72	5.98	6.70	29	11	5.06	4.10	2.70	1.40
Runoff - mcm.	10.491	12.433	8.732	8.322	29.891	160.989	207.878	93.398	18.747	16.427	7.795	5.018

WATER YEAR 1974 : Max. 439 Min. 0.99 Mean 18.4 Annual Runoff 580.122 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sep. 26, Aug. 22	03.00	4.80	493				

SAKAE KRANG RIVER BASIN

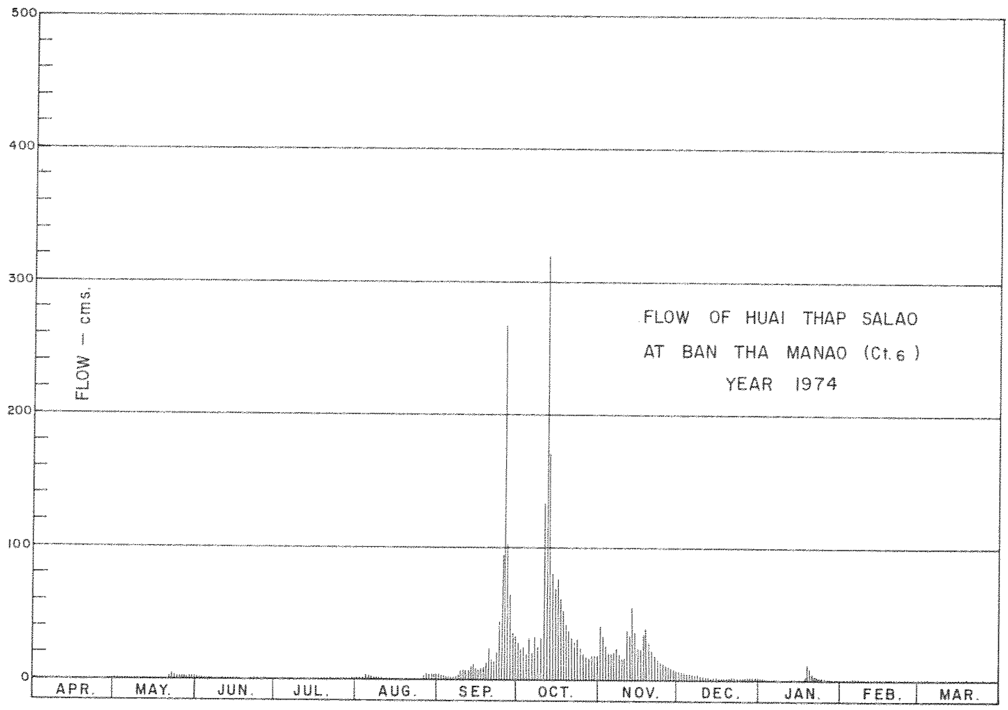
Huai Thap Salao at Ban Tha Manao, Uthai Thani (Ct.6)

Location:	Lat. 15°-31'-18" N., Long. 99°-28'-23" E., on left bank about 3 kilometers upstream from Ban Pak Muang Weir at Ban Tha Manao, Amphoe Ban Rai, Uthai Thani.
Drainage Area:	519 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 113.006 m. (M.S.L.)
Bench Mark:	B.M. - H.S./RID
Location:	near the Meteorological Station.
Elevation:	+ 117.639 m. (M.S.L.)
Gage Reading Frequency:	6-time daily readings at 06.00, 09.00, 12.00, 15.00, 18.00 and 21.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 6 readings.
Period of Available Gage Records:	1969-1975.
Rating Operation:	
Period of Rating:	1969-1974.
Rated by Float:	-
Rated by Current Meter:	1969-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 264 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	113.26	113.31	113.43	113.28	113.45	113.71	114.59	114.91	113.88	113.50	113.46	113.33
2	.26	.31	.41	.31	.46	.66	.48	.76	.86	.50	.46	.35
3	.26	.31	.38	.32	.46	.59	.51	.53	.83	.49	.45	.36
4	.25	.31	.37	.32	.55	.55	.37	.40	.80	.48	.45	.36
5	.24	.30	.36	.32	.60	.53	.66	.35	.78	.48	.44	.34
6	113.24	113.31	113.35	113.30	113.53	113.49	114.35	114.39	113.77	113.48	113.44	113.32
7	.24	.32	.34	.28	.49	.49	.66	.49	.78	.50	.43	.31
8	.23	.30	.32	.27	.49	.54	.59	.37	.75	.51	.43	.30
9	.23	.29	.31	.26	.50	.85	.43	.30	.72	.49	.41	.29
10	.22	.28	.31	.24	.48	.88	.69	.23	.71	.50	.41	.29
11	113.22	113.30	113.29	113.23	113.45	113.88	116.18	114.82	113.69	113.52	113.40	113.29
12	.21	.33	.29	.23	.42	.83	117.05	.67	.68	.51	.39	.28
13	.21	.34	.28	.22	.38	.83	116.33	115.18	.66	.52	.38	.28
14	.21	.31	.27	.21	.37	114.08	115.58	114.73	.65	.54	.38	.27
15	.26	.31	.26	.20	.35	113.93	.37	.55	.64	.53	.37	.27
16	113.26	113.30	113.25	113.20	113.34	113.91	115.51	114.42	113.64	113.51	113.37	113.27
17	.26	.31	.24	.19	.34	.95	.27	.66	.62	.49	.36	.27
18	.25	.32	.24	.19	.33	.95	.15	.83	.61	.48	.36	.29
19	.23	.31	.23	.18	.34	114.12	114.94	.63	.60	114.12	.35	.31
20	.23	.35	.23	.18	.35	.42	.81	.50	.59	113.92	.35	.32
21	113.22	113.40	113.24	113.18	113.34	114.27	114.75	114.39	113.58	113.74	113.34	113.32
22	.21	.65	.26	.18	.34	.14	.58	.31	.57	.66	.34	.34
23	.20	.62	.26	.17	.32	.41	.67	.24	.56	.61	.34	.31
24	.20	.54	.25	.17	.31	115.03	.49	.19	.56	.58	.33	.30
25	.19	.51	.25	.17	.32	.59	.47	.14	.55	.56	.33	.28
26	113.21	113.49	113.24	113.17	113.55	116.91	114.34	114.08	113.54	113.53	113.32	113.27
27	.22	.46	.23	.18	.74	115.74	.27	.04	.54	.52	.32	.27
28	.24	.45	.23	.18	.69	.07	.23	.00	.53	.51	.32	.26
29	.28	.46	.24	.20	.66	114.77	.33	113.96	.53	.49	-	.26
30	.31	.45	.25	.31	.61	.72	.29	.91	.52	.48	-	.25
31	-	.45	-	.33	.78	-	.30	-	.51	.47	-	.26
Mean	113.23	113.38	113.29	113.23	113.46	114.23	114.85	114.43	113.65	113.55	113.38	113.30
Max.	113.31	113.65	113.43	113.33	113.78	116.91	117.05	115.18	113.88	114.12	113.46	113.36
Min.	113.19	113.28	113.23	113.17	113.31	113.49	114.23	113.91	113.51	113.47	113.32	113.25

WATER YEAR 1974 : Max. 117.05 m. Min. 113.17 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.34	0.57	1.47	0.42	1.65	4.76	28	42	7.64	2.10	1.74	0.71
2	0.34	0.57	1.29	0.57	1.74	4.04	24	35	7.28	2.10	1.74	0.85
3	0.34	0.57	1.06	0.64	1.74	3.09	25	26	6.74	2.01	1.65	0.92
4	0.30	0.57	0.99	0.64	2.65	2.65	20	21	6.20	1.92	1.65	0.92
5	0.26	0.50	0.92	0.64	3.20	2.43	31	20	5.88	1.92	1.56	0.78
6	0.26	0.57	0.85	0.50	2.43	2.01	20	21	5.72	1.92	1.56	0.64
7	0.26	0.64	0.78	0.42	2.01	2.01	31	25	5.88	2.10	1.47	0.57
8	0.22	0.50	0.64	0.38	2.01	2.54	28	20	5.40	2.21	1.47	0.50
9	0.22	0.46	0.57	0.34	2.10	7.10	22	18	4.92	2.01	1.29	0.46
10	0.18	0.42	0.57	0.26	1.92	7.64	32	16	4.76	2.10	1.29	0.46
11	0.18	0.50	0.46	0.22	1.65	7.54	127	38	4.46	2.32	1.20	0.46
12	0.14	0.71	0.46	0.22	1.38	6.74	319	32	4.32	2.21	1.13	0.42
13	0.14	0.78	0.42	0.18	1.06	6.74	145	56	4.04	2.32	1.06	0.42
14	0.14	0.57	0.38	0.14	0.99	12	79	34	3.90	2.54	1.06	0.38
15	0.34	0.57	0.34	0.10	0.85	8.60	67	27	3.76	2.43	0.99	0.38
16	0.34	0.50	0.30	0.10	0.78	8.20	75	22	3.76	2.21	0.99	0.38
17	0.34	0.57	0.26	0.090	0.78	9.00	61	31	3.48	2.01	0.92	0.38
18	0.30	0.64	0.26	0.090	0.71	9.00	54	39	3.34	1.92	0.92	0.46
19	0.22	0.57	0.22	0.080	0.78	13	44	30	3.20	13	0.85	0.57
20	0.22	0.85	0.22	0.080	0.85	22	38	25	3.09	8.40	0.85	0.64
21	0.18	1.20	0.26	0.080	0.78	17	35	21	2.98	5.24	0.78	0.64
22	0.14	3.90	0.30	0.080	0.78	13	28	18	2.87	4.04	0.78	0.78
23	0.10	3.48	0.34	0.070	0.64	22	32	16	2.76	3.34	0.78	0.57
24	0.10	2.54	0.30	0.070	0.57	48	25	15	2.76	2.98	0.71	0.50
25	0.090	2.21	0.30	0.070	0.64	80	24	13	2.65	2.76	0.71	0.42
26	0.14	2.01	0.26	0.070	2.65	268	19	12	2.54	2.43	0.64	0.38
27	0.18	1.74	0.22	0.080	5.24	90	17	11	2.54	2.32	0.64	0.38
28	0.26	1.65	0.22	0.080	4.46	50	16	10	2.43	2.21	0.64	0.34
29	0.42	1.74	0.26	0.10	4.04	36	19	9.20	2.43	2.01	–	0.34
30	0.57	1.65	0.30	0.57	3.34	34	18	8.20	2.32	1.92	–	0.30
31	–	1.65	–	0.71	5.88	–	18	–	2.21	1.83	–	0.34
Total	7.26	35.40	15.22	8.09	60.30	799.19	1,521	711.40	126.26	90.83	31.07	16.29
Mean	0.24	1.14	0.51	0.26	1.94	26.6	49.1	23.7	4.07	2.93	1.11	0.52
Max.	0.57	3.90	1.47	0.71	5.88	268	319	56	7.64	13	1.74	0.92
Min.	0.090	0.42	0.22	0.070	0.57	2.01	16	8.20	2.21	1.83	0.64	0.30
Runoff – mcm.	0.627	3.058	1.315	0.699	5.210	69.050	131.414	61.465	10.909	7.848	2.684	1.407

WATER YEAR 1974 : Max. 319 Min. 0.070 Mean 9.38 Annual Runoff 295.687 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12, 74	15.00	117.16	363				

THA CHIN RIVER BASIN

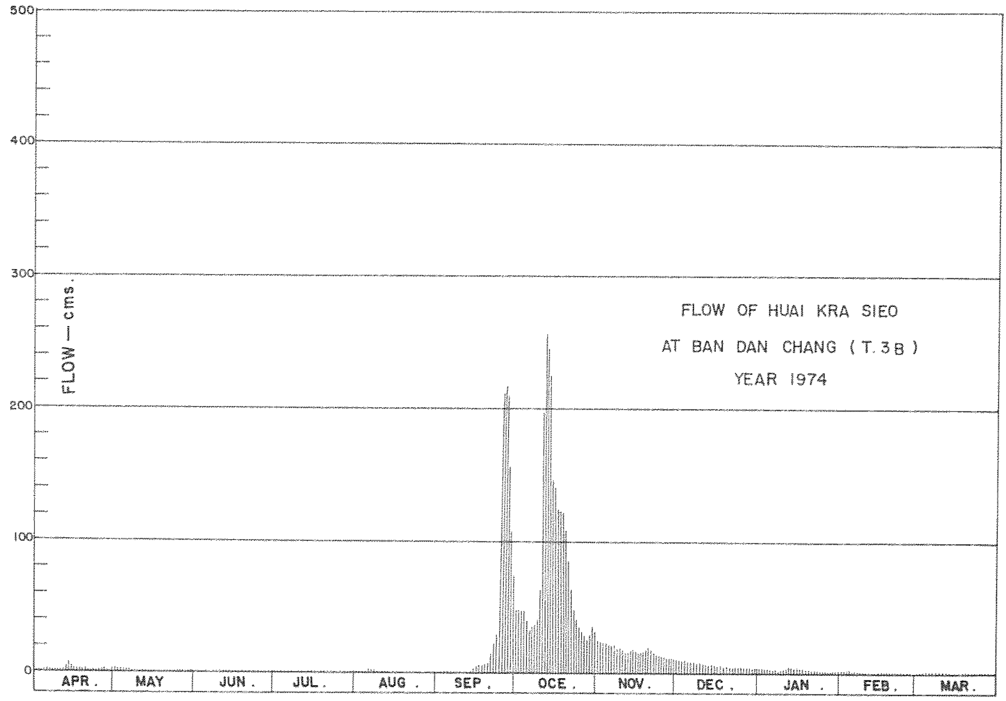
Huai Kra Sieo at Ban Dan Chang, Suphan Buri (T. 3B)

Location:	Lat. 14°-49'-03" N., Long. 99°-41'-51" E., on left bank at Thep Prachasan Bridge, Ban Dan Chang, Amphoe Daembang Nangbuat, Suphan Buri.
Drainage Area:	1,395 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 57.250 m. (M.S.L.)
Bench Mark:	B.M. - T3B
Location:	infront of the automatic gage building.
Elevation:	+ 64.140 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1969-1973.
Rated by Float:	-
Rated by Current Meter:	1969-1973.
Stability of Channel Regimes:	Fairly stable with variable water surface slope, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow exists but hardly to be determined, records are channel flow only.
General Description:	Records good. Stage-discharge relation defined by 204 discharge measurements made in 1971. Flow under construction of Kra Sieo Dam.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	57.41	57.59	57.51	57.32	57.37	57.49	60.69	59.80	58.75	58.06	57.89	57.67
2	.41	.53	.51	.36	.45	.48	.74	.71	.73	.05	.87	.67
3	.46	.53	.49	.36	.51	.46	.70	.70	.71	.05	.86	.67
4	.53	.52	.46	.37	.56	.46	.71	.75	.66	.03	.85	.67
5	.58	.50	.45	.37	.70	.47	.50	.63	.63	.00	.85	.68
6	57.61	57.49	57.43	57.37	57.72	57.47	60.08	59.63	58.61	58.00	57.83	57.69
7	.62	.48	.41	.36	.72	.53	.33	.61	.58	57.99	.83	.69
8	.59	.46	.40	.36	.70	.52	.34	.29	.54	.97	.82	.70
9	.62	.45	.39	.35	.68	.46	.51	.42	.51	.99	.81	.70
10	.65	.45	.39	.35	.64	.45	61.21	.31	.47	.99	.80	.70
11	57.66	57.44	57.38	57.34	57.62	57.45	63.30	59.23	58.45	58.03	57.79	57.69
12	.79	.43	.37	.34	.59	.44	64.34	.21	.42	.15	.76	.69
13	58.25	.43	.36	.37	.57	.50	.21	.32	.40	.14	.75	.69
14	.36	.45	.35	.35	.55	.79	63.77	.39	.37	.12	.75	.67
15	57.96	.47	.35	.34	.52	.87	62.86	.32	.33	.08	.74	.67
16	57.86	57.49	57.35	57.34	57.50	58.05	62.75	59.21	58.32	58.07	57.73	57.67
17	.81	.48	.35	.32	.49	.26	.49	.17	.30	.05	.73	.67
18	.75	.47	.34	.32	.48	.25	.48	.21	.27	.03	.72	.66
19	.70	.47	.34	.31	.48	.29	.38	.36	.25	.01	.71	.66
20	.66	.52	.35	.31	.48	.40	61.86	.45	.23	57.98	.70	.66
21	57.62	57.49	57.35	57.31	57.48	59.06	61.50	59.36	58.21	57.97	57.70	57.66
22	.58	.46	.35	.30	.48	.62	60.96	.25	.20	.97	.69	.67
23	.57	.46	.34	.31	.48	.86	.62	.16	.19	.97	.69	.68
24	.56	.48	.33	.31	.46	60.10	.40	.09	.16	.96	.69	.68
25	.55	.52	.33	.31	.46	61.68	.27	.03	.14	.95	.69	.68
26	57.65	57.52	57.32	57.32	57.46	63.83	60.10	58.97	58.12	57.93	57.68	57.68
27	.78	.52	.32	.32	.49	.91	59.91	.93	.12	.93	.68	.68
28	.69	.53	.32	.33	.48	.33	.81	.89	.11	.92	.67	.67
29	.58	.52	.32	.33	.48	62.24	60.02	.85	.08	.91	-	.67
30	.60	.52	.32	.34	.51	61.19	.33	.80	.08	.89	-	.67
31	-	.51	-	.35	.51	-	.05	-	.07	.89	-	.67
Mean	57.68	57.49	57.38	57.34	57.54	58.96	61.30	59.30	58.35	58.00	57.76	57.68
Max.	58.36	57.59	57.51	57.37	57.72	63.91	64.34	59.80	58.75	58.15	57.89	57.70
Min.	57.41	57.43	57.32	57.30	57.37	57.44	59.81	58.80	58.07	58.89	57.67	57.66

WATER YEAR 1974 : Max. 64.34 m. Min. 57.30 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.74	1.55	1.15	0.38	0.58	1.06	47	25	11	4.48	3.24	1.95
2	0.74	1.25	1.15	0.54	0.90	1.02	49	24	10	4.40	3.12	1.95
3	0.94	1.25	1.06	0.54	1.15	0.94	47	24	10	4.40	3.06	1.95
4	1.25	1.20	0.94	0.58	1.40	0.94	48	24	9.80	4.24	3.00	1.95
5	1.50	1.10	0.90	0.56	2.10	0.98	41	22	9.50	4.00	3.00	2.00
6	1.65	1.06	0.82	0.58	2.22	0.98	31	22	9.30	4.00	2.88	2.05
7	1.70	1.02	0.74	0.54	2.22	1.25	36	22	9.00	3.93	2.88	2.05
8	1.55	0.94	0.70	0.54	2.10	1.20	37	17	8.60	3.79	2.82	2.10
9	1.70	0.90	0.66	0.50	2.00	0.94	41	19	8.30	3.93	2.76	2.10
10	1.85	0.90	0.66	0.50	1.80	0.90	66	18	7.93	3.93	2.70	2.10
11	1.90	0.86	0.62	0.46	1.70	0.90	172	16	7.75	4.24	2.64	2.05
12	2.64	0.82	0.58	0.46	1.55	0.86	255	16	7.46	5.20	2.46	2.05
13	6.00	0.82	0.54	0.58	1.45	1.10	243	18	7.30	5.12	2.40	2.05
14	6.94	0.90	0.50	0.50	1.35	2.64	206	19	7.03	4.96	2.40	1.95
15	3.72	0.98	0.50	0.46	1.20	3.12	145	18	6.67	4.64	2.34	1.95
16	3.06	1.06	0.50	0.46	1.10	4.40	139	16	6.58	4.56	2.28	1.95
17	2.76	1.02	0.50	0.38	1.06	6.08	125	16	6.40	4.40	2.28	1.95
18	2.40	0.98	0.46	0.38	1.02	6.00	125	16	6.16	4.24	2.22	1.90
19	2.10	0.98	0.46	0.34	1.02	6.32	119	18	6.00	4.08	2.16	1.90
20	1.90	1.20	0.50	0.34	1.02	7.30	94	20	5.84	3.86	2.10	1.90
21	1.70	1.06	0.50	0.34	1.02	14	78	18	5.68	3.79	2.10	1.90
22	1.50	0.94	0.50	0.30	1.02	22	57	17	5.60	3.79	2.05	1.95
23	1.45	0.94	0.46	0.34	1.02	26	45	15	5.52	3.79	2.05	2.00
24	1.40	1.02	0.42	0.34	0.94	31	38	14	5.28	3.72	2.05	2.00
25	1.35	1.20	0.42	0.34	0.94	86	35	14	5.12	3.65	2.05	2.00
26	1.85	1.20	0.38	0.38	0.94	210	31	13	4.96	3.51	2.00	2.00
27	2.58	1.20	0.38	0.38	1.06	217	27	13	4.96	3.51	2.00	2.00
28	2.05	1.25	0.38	0.42	1.02	174	25	12	4.88	3.44	1.95	1.95
29	1.50	1.20	0.38	0.42	1.02	112	30	12	4.64	3.37	–	1.95
30	1.60	1.20	0.38	0.46	1.15	65	36	11	4.64	3.24	–	1.95
31	–	1.15	–	0.50	1.15	–	30	–	4.56	3.24	–	1.95
Total	64.02	33.15	18.14	13.86	40.22	1,005.93	2,498	529	216.48	125.45	68.99	61.50
Mean	2.13	1.07	0.60	0.45	1.30	33.5	80.6	17.6	6.98	4.05	2.46	1.98
Max.	6.94	1.55	1.15	0.58	2.22	217	255	25	11	5.20	3.24	2.10
Min.	0.74	0.82	0.38	0.30	0.58	0.86	25	11	4.56	3.24	1.95	1.90
Runoff - mcm.	5.531	2.864	1.567	1.197	3.475	86.912	215.827	45.706	18.704	10.839	5.961	5.314

WATER YEAR 1974 : Max. 255 Min. 0.30 Mean 12.8 Annual Runoff 403.897 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12, 74	10.00	64.38	258				

PA SAK RIVER BASIN

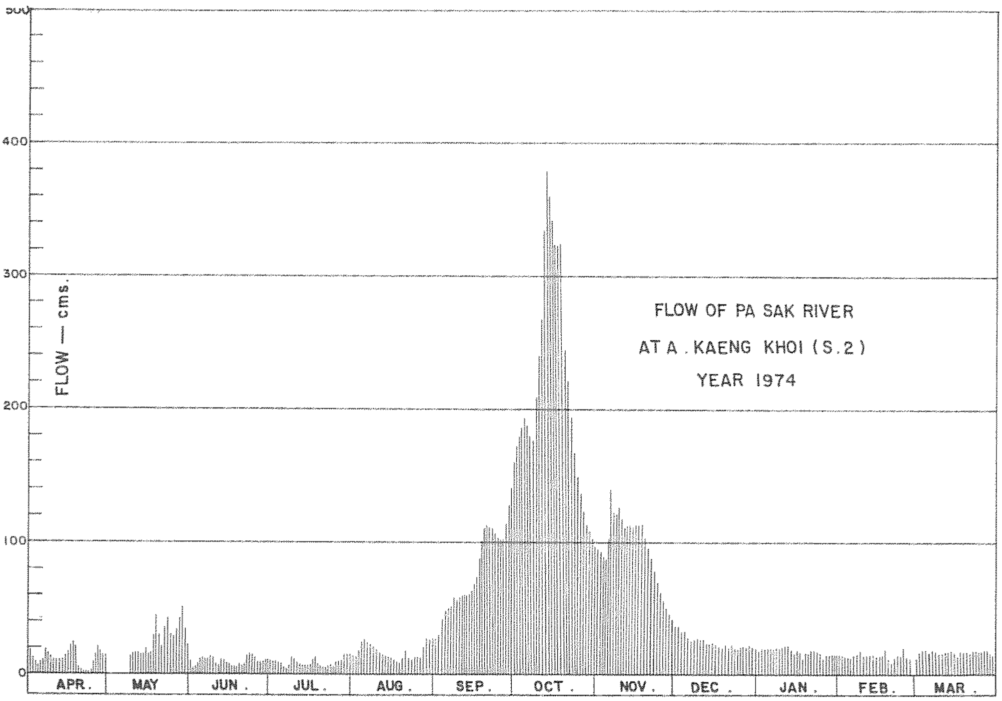
Pa Sak River at Amphoe Kaeng Khoi, Sraburi (S.2)

Location:	Lat. 14°-35'-32" N., Long. 101°-00'-23" E., on left bank about 100 meters downstream from Kaeng Khoi Water Supply, Amphoe Kaeng Khoi, Saraburi.
Drainage Area:	14,522 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 6.110 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the bridge of automatic gage building.
Elevation:	+ 20.130 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1914 to date.
Rating Operation:	
Period of Rating:	1959-1962, 1965, 1967 to date.
Rated by Float:	-
Rated by Current Meter:	1959-1962, 1965, 1967 to date.
Stability of Channel Regimes:	Fairly stable because of backwater effect, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records poor. Stage-discharge relation defined by 11 discharge measurements made in 1974. Flow is diverted for irrigation at about 3,000 hectares above gage site at Lam Sak Weir.
Remarks:	No records on May 1-8, 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.72		7.57	7.59	7.70	7.89	9.48	8.66	8.00	7.74	7.70	7.61
2	.66		.42	.58	.65	.88	.57	.64	.01	.79	.68	.70
3	.60		.45	.56	.72	8.01	.64	.60	7.95	.75	.65	.68
4	.50		.52	.55	.82	.11	.70	.54	.97	.74	.64	.78
5	.55		.65	.52	.89	.12	.73	.70	.90	.76	.73	.62
6	7.58		7.60	7.44	7.86	8.17	9.68	9.16	7.92	7.78	7.72	7.76
7	.69		.60	.41	.84	.19	.59	8.99	.81	.75	.66	.75
8	.66		.64	.46	.81	.28	.55	.90	.90	.80	.69	.75
9	.63	7.64	.64	.62	.80	.25	.77	.99	.87	.76	.75	.73
10	.59	.70	.62	.63	.77	.27	10.05	.94	.88	.77	.66	.72
11	7.56	7.71	7.53	7.57	7.71	8.28	10.37	8.86	7.87	7.75	7.70	7.71
12	.56	.71	.43	.49	.67	.28	11.06	.83	.87	.81	.67	.72
13	.57	.67	.57	.48	.65	.29	.45	.84	.79	.82	.68	.72
14	.66	.69	.59	.47	.64	.30	.29	.84	.85	.75	.67	.74
15	.68	.76	.54	.49	.64	.33	.01	.83	.85	.69	.65	.74
16	7.73	7.68	7.49	7.46	7.61	8.36	10.93	8.85	7.81	7.75	7.64	7.70
17	.85	.66	.47	.58	.57	.41	.96	.84	.79	.73	.64	.68
18	.63	.85	.43	.62	.54	.53	.87	.83	.81	.60	.69	.75
19	.44	8.10	.53	.55	.54	.75	.57	.75	.75	.71	.74	.74
20	.36	7.93	.50	.47	.63	.84	.23	.69	.82	.66	.59	.73
21	7.32	7.73	7.47	7.44	7.72	8.85	9.95	8.63	7.74	7.76	7.52	7.72
22	.30	.95	.64	.44	.63	.83	.75	.53	.82	.75	.64	.68
23	.35	8.07	.69	.46	.60	.82	.55	.47	.79	.74	.69	.74
24	.40	7.98	.70	.51	.62	.77	.37	.35	.74	.71	.64	.77
25	.55	.89	.67	.46	.64	.74	.22	.34	.74	.71	.76	.73
26	7.70	7.90	7.58	7.56	7.65	8.72	9.07	8.29	7.80	7.55	7.71	7.74
27	.79	.99	.55	.59	.71	.71	8.94	.21	.78	.67	.67	.75
28	.72	8.06	.54	.57	.89	.84	.83	.19	.78	.70	.63	.76
29	.64	.18	.53	.69	.85	9.02	.80	.14	.82	.68	-	.69
30	.66	.03	.57	.68	.89	.29	.72	.05	.76	.68	-	.69
31	-	7.82	-	.70	.89	-	.66	-	.77	.69	-	.69
Mean	7.59		7.56	7.54	7.71	8.47	9.88	8.65	7.84	7.73	7.67	7.72
Max.	7.85	8.10	7.70	7.70	7.89	9.29	11.45	9.16	8.01	7.82	7.75	7.78
Min.	7.30	7.66	7.42	7.41	7.54	7.88	8.66	8.05	7.74	7.55	7.63	7.61

WATER YEAR 1974 : Max. 11.45 m. Min. 7.30 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	18		11	11	16	28	169	96	36	19	16	12
2	15		5.10	11	14	28	177	94	37	21	16	16
3	12		6.00	10	18	37	184	90	33	19	14	16
4	7.50		8.40	9.75	23	45	190	85	34	19	14	21
5	9.75		14	8.40	28	46	193	100	29	20	13	13
6	11		12	5.70	26	50	188	140	30	21	13	20
7	16		12	4.80	25	51	179	125	23	19	15	19
8	15		14	6.30	23	60	175	117	29	22	16	19
9	13	14	14	13	33	57	197	125	27	20	19	18
10	11	16	13	13	20	59	225	121	28	20	15	18
11	10	17	8.85	11	17	60	259	114	27	19	16	17
12	10	17	5.40	7.20	15	60	335	111	27	23	15	18
13	11	15	11	6.90	14	61	378	112	21	23	16	18
14	15	16	11	6.60	14	62	360	112	25	19	15	19
15	16	20	9.30	7.20	14	65	329	111	25	16	14	19
16	18	16	7.20	6.30	12	68	320	113	23	19	14	16
17	25	15	6.60	11	11	73	324	112	21	18	14	16
18	13	25	5.40	13	9.30	84	314	113	23	12	16	19
19	5.70	44	8.85	9.75	9.30	104	281	104	19	17	19	19
20	3.78	31	7.50	6.60	13	112	243	99	23	15	11	18
21	2.66	18	6.60	5.70	18	113	215	93	19	20	8.40	18
22	2.20	33	14	5.70	13	111	195	84	23	19	14	16
23	3.35	42	16	6.30	12	111	175	79	21	19	16	19
24	4.50	35	16	7.95	13	106	159	67	19	17	14	20
25	9.75	28	15	6.30	14	104	146	66	19	17	20	18
26	16	29	11	10	14	102	132	61	22	9.75	17	19
27	21	36	9.75	11	17	101	121	53	21	15	15	19
28	18	41	9.30	11	28	112	111	51	21	16	13	20
29	14	51	8.85	16	25	128	109	47	23	16	–	16
30	15	39	11	16	28	152	102	40	20	16	–	16
31	–	23	–	16	28	–	96	–	20	16	–	16
Total	262.19		308.10	290.45	553.60	2,350	6,581	2,835	768	561.75	418.40	548
Mean	8.74		10.3	9.37	17.8	78.3	212	94.5	24.8	18.1	14.9	17.7
Max.	25		16	16	28	152	378	140	37	23	19	21
Min.	2.20		5.10	4.80	9.30	28	96	40	19	9.75	13	12
Runoff – mcm.	22.653		26.620	25.095	47.831	203.040	568.598	244.944	66.355	48.535	36.150	47.347

WATER YEAR 1974 : Max. 378 Min. 5.10 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.13, 74	17.00	11.51	385				

PA SAK RIVER BASIN

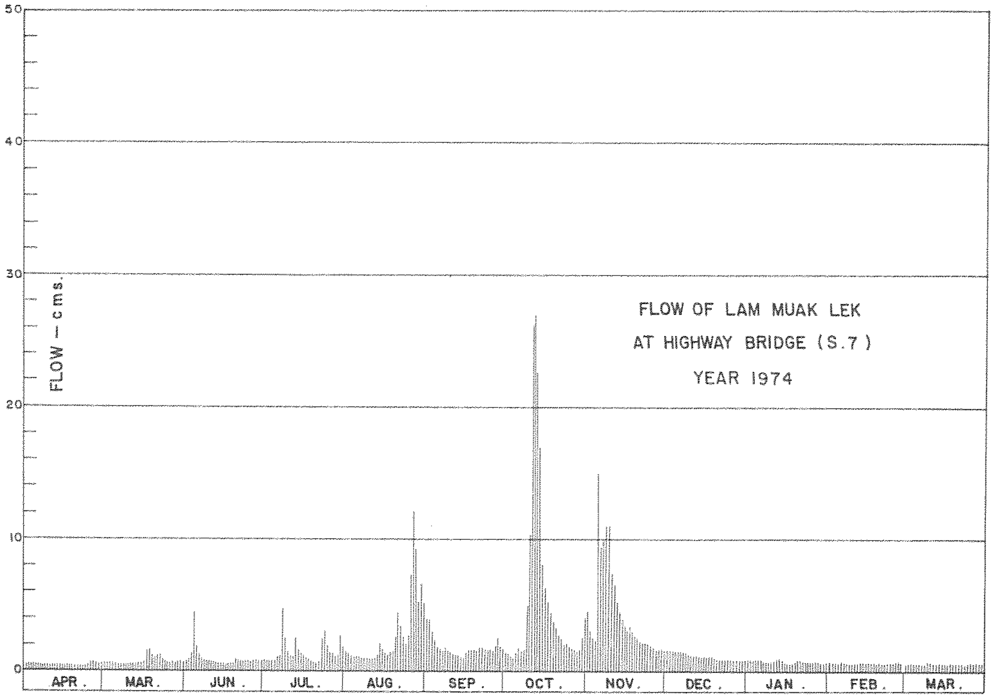
Lam Muak Lek at Highway Bridge, Saraburi (S.7)

Location:	Lat. 14°-38'-04" N., Long. 101°-12'-37" E., on left bank about 50 meters upstream from the highway bridge on Bangkok - Nakhon Ratchasima, Tambon Muak Lek, Amphoe Kaeng Khoi, Saraburi.
Drainage Area:	177 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 6.919 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965 to date.
Rated by Float:	-
Rated by Current Meter:	1965 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 28 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.47	0.48	0.51	0.53	0.60	0.78	0.59	0.81	0.60	0.53	0.51	0.49
2	.47	.48	.52	.52	.58	.77	.58	.73	.60	.53	.51	.50
3	.47	.48	.54	.52	.56	.73	.55	.69	.60	.53	.50	.50
4	.48	.48	.80	.51	.55	.67	.54	.66	.59	.52	.50	.50
5	.47	.48	.64	.52	.55	.63	.59	1.27	.59	.52	.51	.50
6	0.46	0.47	0.58	0.55	0.55	0.61	0.62	1.04	0.59	0.52	0.51	0.49
7	.46	.47	.54	.57	.54	.59	.59	.07	.59	.52	.51	.48
8	.46	.46	.52	.82	.54	.62	.60	.13	.58	.52	.51	.49
9	.46	.46	.52	.67	.54	.60	.80	.11	.57	.52	.50	.51
10	.46	.47	.51	.60	.54	.59	1.08	0.97	.56	.52	.50	.50
11	0.46	0.48	0.50	0.56	0.53	0.57	1.57	0.93	0.56	0.53	0.50	0.50
12	.46	.48	.49	.55	.53	.56	.61	.86	.55	.54	.50	.50
13	.46	.48	.49	.69	.54	.56	.45	.81	.55	.54	.51	.50
14	.45	.48	.48	.61	.65	.54	.15	.78	.55	.53	.51	.50
15	.46	.49	.48	.59	.62	.54	0.99	.75	.55	.52	.51	.50
16	0.45	0.49	0.48	0.56	0.59	0.58	0.92	0.72	0.54	0.51	0.51	0.49
17	.46	.59	.48	.54	.57	.61	.85	.74	.54	.50	.50	.50
18	.45	.60	.48	.53	.58	.61	.81	.71	.54	.51	.50	.49
19	.45	.57	.47	.52	.58	.61	.77	.69	.54	.52	.50	.50
20	.45	.55	.53	.51	.66	.60	.75	.68	.53	.53	.50	.50
21	0.44	0.55	0.52	0.50	0.80	0.62	0.71	0.66	0.53	0.53	0.50	0.49
22	.44	.56	.52	.50	.74	.63	.69	.65	.53	.52	.50	.49
23	.44	.55	.52	.65	.69	.61	.65	.65	.53	.52	.50	.49
24	.44	.53	.51	.72	.64	.60	.65	.64	.53	.52	.51	.49
25	.45	.50	.51	.64	.61	.60	.64	.64	.53	.52	.50	.49
26	0.50	0.50	0.50	0.60	0.96	0.60	0.62	0.63	0.53	0.52	0.50	0.49
27	.50	.50	.52	.58	1.15	.59	.61	.62	.53	.52	.51	.49
28	.48	.50	.52	.56	0.98	.66	.60	.62	.53	.52	.50	.49
29	.47	.51	.52	.55	.85	.64	.60	.60	.53	.51	-	.49
30	.47	.51	.51	.70	.92	.62	.65	.60	.53	.51	-	.49
31	-	.50	-	.64	.82	-	.75	-	.53	.51	-	.49
Mean	0.46	0.50	0.52	0.58	0.66	0.62	0.75	0.78	0.55	0.52	0.50	0.49
Max.	0.50	0.60	0.80	0.82	1.15	0.78	1.61	1.27	0.60	0.54	0.51	0.51
Min.	0.44	0.46	0.47	0.50	0.53	0.54	0.54	0.60	0.53	0.51	0.50	0.49

WATER YEAR 1974 : Max. 1.61 m. Min. 0.44 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.55	0.60	0.79	0.97	1.60	4.08	1.51	4.58	1.60	0.97	0.79	0.65
2	0.55	0.60	0.88	0.88	1.42	3.92	1.42	3.28	1.60	0.97	0.79	0.70
3	0.55	0.60	1.06	0.88	1.24	3.28	1.15	2.68	1.60	0.97	0.70	0.70
4	0.60	0.60	4.40	0.79	1.15	2.44	1.06	2.32	1.51	0.88	0.70	0.70
5	0.55	0.60	2.08	0.88	1.15	1.96	1.51	15	1.51	0.88	0.79	0.70
6	0.50	0.55	1.42	1.15	1.15	1.72	1.84	9.16	1.51	0.88	0.79	0.65
7	0.50	0.55	1.06	1.33	1.06	1.51	1.51	9.88	1.51	0.88	0.79	0.60
8	0.50	0.50	0.88	4.76	1.06	1.84	1.60	11	1.42	0.88	0.79	0.65
9	0.50	0.50	0.88	2.44	1.06	1.60	4.40	11	1.33	0.88	0.70	0.79
10	0.50	0.55	0.79	1.60	1.06	1.51	10	7.60	1.24	0.88	0.70	0.70
11	0.50	0.60	0.70	1.24	0.97	1.33	26	6.80	1.24	0.97	0.70	0.70
12	0.50	0.60	0.65	1.15	0.97	1.24	27	5.48	1.15	1.06	0.70	0.70
13	0.50	0.60	0.65	2.68	1.06	1.24	21	4.58	1.15	1.06	0.79	0.70
14	0.45	0.60	0.60	1.72	2.20	1.06	12	4.08	1.15	0.97	0.79	0.70
15	0.50	0.65	0.60	1.51	1.84	1.06	8.00	3.60	1.15	0.88	0.79	0.70
16	0.45	0.65	0.60	1.24	1.51	1.42	6.60	3.12	1.06	0.79	0.79	0.65
17	0.50	1.51	0.60	1.06	1.33	1.72	5.30	3.44	1.06	0.70	0.70	0.70
18	0.45	1.60	0.60	0.97	1.42	1.72	4.58	2.96	1.06	0.79	0.70	0.65
19	0.45	1.33	0.55	0.88	1.42	1.72	3.92	2.68	1.06	0.88	0.70	0.70
20	0.45	1.15	0.97	0.79	2.32	1.60	3.60	2.56	0.97	0.97	0.70	0.70
21	0.40	1.15	0.88	0.70	4.40	1.84	2.96	2.32	0.97	0.97	0.70	0.65
22	0.40	1.24	0.88	0.70	3.44	1.96	2.68	2.20	0.97	0.88	0.70	0.65
23	0.40	1.15	0.88	2.20	2.68	1.72	2.20	2.20	0.97	0.88	0.70	0.65
24	0.40	0.97	0.79	3.12	2.08	1.60	2.20	2.08	0.97	0.88	0.79	0.65
25	0.45	0.70	0.79	2.08	1.72	1.60	2.08	2.08	0.97	0.88	0.70	0.65
26	0.70	0.70	0.70	1.60	7.40	1.60	1.84	1.96	0.97	0.88	0.70	0.65
27	0.70	0.70	0.88	1.42	12	1.51	1.72	1.84	0.97	0.88	0.79	0.65
28	0.60	0.70	0.88	1.24	7.80	2.32	1.60	1.84	0.97	0.88	0.70	0.65
29	0.55	0.79	0.88	1.15	5.30	2.08	1.60	1.60	0.97	0.79	–	0.65
30	0.55	0.79	0.79	2.80	6.60	1.84	2.20	1.60	0.97	0.79	–	0.65
31	–	0.70	–	2.08	4.76	–	3.60	–	0.97	0.79	–	0.65
Total	15.20	24.53	29.11	48.01	86.23	56.04	168.68	135.52	36.55	27.64	20.68	20.89
Mean	0.51	0.79	0.97	1.55	2.78	1.87	5.44	4.52	1.18	0.89	0.74	0.67
Max.	0.70	1.60	4.40	4.76	12	4.08	37	15	1.60	1.06	0.79	0.79
Min.	0.40	0.50	0.55	0.70	0.97	1.06	1.06	1.60	0.97	0.79	0.70	0.65
Runoff - mcm.	1.313	2.119	2.515	4.148	7.450	4.842	14.574	11.709	3.158	2.388	1.787	1.805

WATER YEAR 1974 : Max. 27 Min. 0.40 Mean 1.83 Annual Runoff 57.808 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11,74	18.00	2.16	52				

PA SAK RIVER BASIN

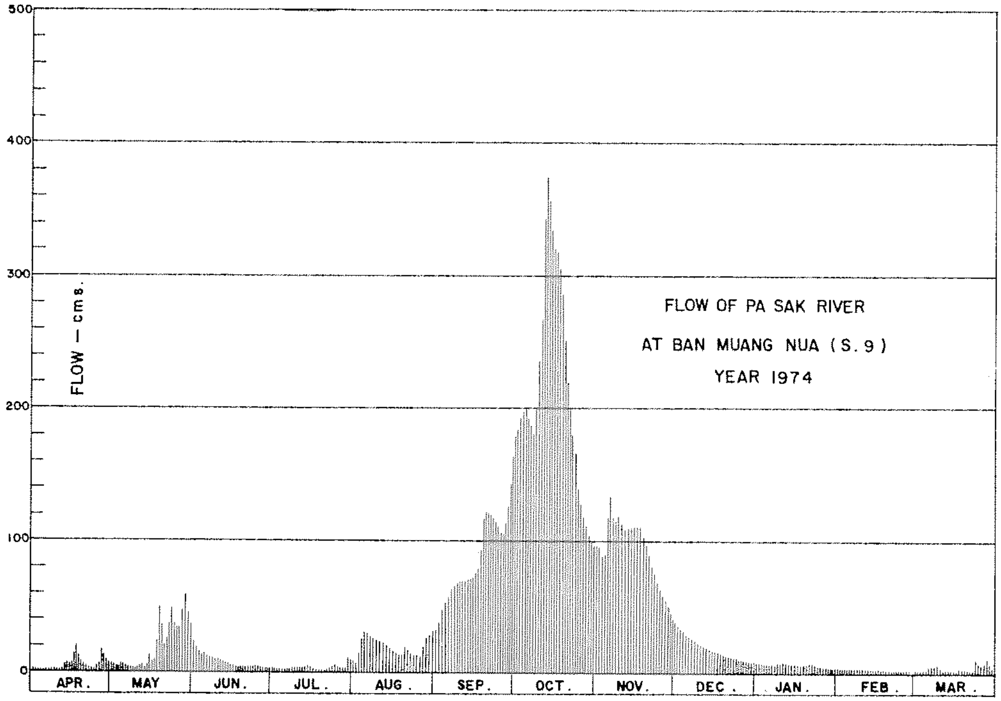
Pa Sak River at Ban Muang Nua, Saraburi (S.9)

Location:	Lat. 14°-37'-33" N., Long. 101°-01'-00" E., on left bank about 5 kilometers upstream from S2, at Ban Muang Nua, Amphoe Kaeng Khoi, Saraburi.
Drainage Area:	14,374 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 6.330 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	on left bank at tamarind tree along the measuring line.
Elevation:	+ 21.937 m. (M.S.L.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April - November, 3-time daily readings at 09.00, 12.00 and 18.00 hours on December - March.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3-5 readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1973 to date.
Rated by Float:	-
Rated by Current Meter:	1973 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	7.16	7.34	7.67	7.20	7.35	7.88	9.71	8.78	8.00	7.38	7.26	7.20
2	.16	.28	.60	.20	.34	.93	.77	.74	7.95	.38	.26	.20
3	.14	.23	.51	.19	.56	8.03	.84	.69	.90	.36	.26	.20
4	.14	.24	.48	.18	.77	.16	.91	.65	.86	.35	.26	.20
5	.14	.31	.54	.16	.84	.13	.93	.79	.83	.34	.26	.21
6	7.14	7.24	7.45	7.16	7.84	8.29	9.87	9.24	7.80	7.33	7.26	7.30
7	.14	.22	.42	.16	.78	.36	.79	.07	.77	.33	.27	.30
8	.14	.20	.42	.21	.76	.39	.75	8.98	.74	.33	.27	.29
9	.13	.20	.39	.28	.76	.41	.98	9.06	.71	.33	.27	.32
10	.13	.17	.40	.27	.74	.43	10.21	.01	.69	.33	.26	.26
11	7.15	7.26	7.39	7.23	7.70	8.44	10.50	8.96	7.67	7.37	7.25	7.23
12	.16	.30	.36	.19	.67	.44	11.20	.93	.65	.36	.25	.22
13	.31	.21	.33	.25	.65	.46	.51	.93	.62	.36	.24	.21
14	.32	.21	.29	.20	.62	.45	.33	.95	.60	.35	.23	.21
15	.28	.48	.27	.26	.59	.48	.07	.95	.58	.34	.23	.20
16	7.39	7.37	7.25	7.25	7.57	8.51	11.01	8.97	7.56	7.33	7.22	7.21
17	.65	.30	.24	.20	.53	.57	.03	.97	.54	.32	.22	.22
18	.48	.68	.23	.18	.48	.69	10.94	.94	.53	.32	.21	.23
19	.35	8.17	.22	.16	.45	.99	.65	.87	.52	.32	.21	.22
20	.28	7.98	.22	.14	.58	9.08	.34	.79	.50	.33	.21	.21
21	7.26	7.62	7.22	7.16	7.60	9.08	10.08	8.71	7.49	7.34	7.21	7.20
22	.24	.81	.25	.16	.52	.06	9.88	.61	.47	.36	.20	.19
23	.21	8.15	.25	.22	.48	.04	.69	.54	.46	.33	.19	.20
24	.17	.07	.27	.33	.47	8.97	.51	.46	.45	.32	.19	.42
25	.24	7.89	.28	.29	.46	.92	.35	.39	.44	.31	.19	.38
26	7.33	7.89	7.25	7.26	7.46	8.88	9.19	8.33	7.42	7.30	7.19	7.29
27	.59	.98	.23	.22	.59	.88	.06	.25	.42	.28	.19	.31
28	.50	8.14	.20	.20	.76	9.05	8.96	.18	.41	.27	.20	.44
29	.35	.29	.20	.21	.81	.24	.90	.12	.40	.27	-	.33
30	.33	.13	.20	.46	.83	.53	.83	.06	.39	.27	-	.25
31	-	7.84	-	.39	.85	-	.78	-	.39	.27	-	.22
Mean	7.27	7.59	7.33	7.22	7.63	8.62	10.02	8.73	7.60	7.33	7.23	7.25
Max.	7.65	8.29	7.67	7.46	7.85	9.53	11.51	9.24	8.00	7.38	7.27	7.44
Min.	7.13	7.17	7.20	7.14	7.34	7.88	8.78	8.06	7.39	7.27	7.19	7.19

WATER YEAR 1974 : Max. 11.51 m. Min. 7.13 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.70	7.90	22	3.50	8.25	33	177	96	39	9.30	5.30	3.50
2	2.70	5.90	18	3.50	7.90	36	183	93	37	9.30	5.30	3.50
3	2.30	4.40	14	3.30	17	41	190	89	34	8.60	5.30	3.50
4	2.30	4.70	13	3.10	27	50	197	85	32	8.25	5.30	3.50
5	2.30	6.85	16	2.70	31	55	199	97	30	7.90	5.30	3.80
6	2.30	4.70	12	2.70	31	59	193	134	28	7.55	5.30	6.50
7	2.30	4.10	11	2.70	27	64	185	120	27	7.55	5.60	6.50
8	2.30	3.50	11	3.80	26	66	181	112	25	7.55	5.60	6.20
9	2.10	3.50	9.65	5.90	26	67	204	119	24	7.55	5.60	7.20
10	2.10	2.90	10	5.60	25	69	227	115	23	7.55	5.30	5.30
11	2.50	5.30	9.65	4.40	23	69	257	111	22	8.95	5.00	4.40
12	2.70	6.50	8.60	3.30	22	69	337	108	21	8.60	5.00	4.10
13	6.85	3.80	7.55	5.00	21	71	374	108	19	8.60	4.70	3.80
14	7.20	3.80	6.20	3.50	19	70	352	110	18	8.25	4.40	3.80
15	5.90	13	5.60	5.30	18	72	322	110	18	7.90	4.40	3.50
16	9.65	8.95	5.00	5.00	17	75	315	111	17	7.55	4.10	3.80
17	21	6.50	4.70	3.50	15	79	317	111	16	7.20	4.10	4.10
18	13	22	4.40	3.10	13	89	307	109	15	7.20	3.80	4.40
19	8.25	50	4.10	2.70	12	113	274	103	15	7.20	3.80	4.10
20	5.90	38	4.10	2.30	18	121	241	97	14	7.55	3.80	3.80
21	5.30	19	4.10	2.70	18	121	214	90	14	7.90	3.80	3.50
22	4.70	29	5.00	2.70	15	119	194	82	13	8.60	3.50	3.30
23	3.80	49	5.00	4.10	13	117	175	77	12	7.55	3.30	3.50
24	2.90	44	5.60	7.55	13	111	158	71	12	7.20	3.30	11
25	4.70	33	5.90	6.20	12	107	144	66	12	6.85	3.30	9.30
26	7.55	33	5.00	5.30	12	104	130	62	11	6.50	3.30	6.20
27	18	38	4.40	4.10	18	104	119	56	11	5.90	3.30	6.85
28	14	49	3.50	3.50	26	118	111	51	10	5.60	3.50	12
29	8.25	59	3.50	3.80	29	134	105	47	10	5.60	–	7.55
30	7.55	48	3.50	12	30	160	100	43	9.65	5.60	–	5.00
31	–	31	–	9.65	31	–	96	–	9.65	5.60	–	4.10
Total	183.10	638.30	242.05	136.50	621.15	2,563	6,578	2,783	598.30	233.00	124.30	161.60
Mean	6.10	20.6	8.07	4.40	20.0	85.4	212	92.8	19.3	7.52	4.44	5.21
Max.	21	59	22	12	31	160	374	134	39	9.30	5.60	12
Min.	2.10	2.90	3.50	2.30	7.90	33	96	43	9.65	5.60	3.30	3.30
Runoff - mcm.	15.820	55.149	20.913	11.794	53.667	221.443	568.339	240.451	51.693	20.131	10.739	13.962

WATER YEAR 1974 : Max. 374 Min. 2.10 Mean 40.7 Annual Runoff 1,284.103 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.13	18.00	11.53	376				

SALAWIN RIVER BASIN

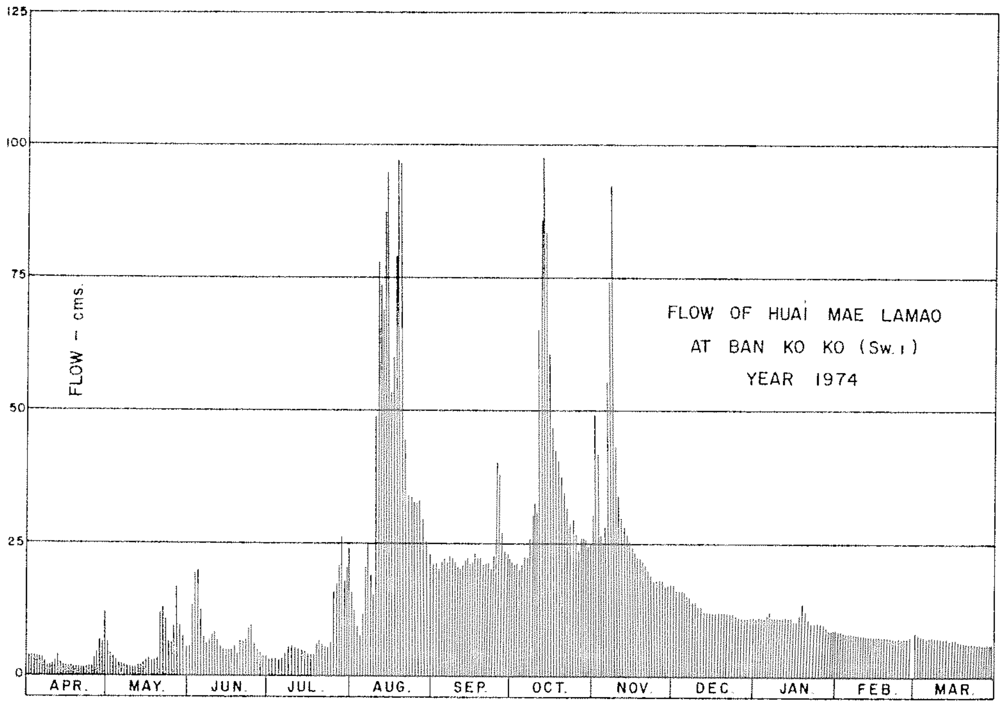
Huai Mae Lamao at Ban Ko Ko, Tak (SW.1)

Location:	Lat. 16°-54'-56" N., Long. 98°-37'-57" E., on right bank at Ban Ko Ko about 14 kilometers south-east of Amphoe Mae Ramat between Doi Kala and Doi Mae Phasa, Amphoe Mae Sot, Tak.
Drainage Area:	1,426 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	along the measuring line.
Elevation:	+ 5.597 m. (A.D.)
Gage Reading Frequency:	5-7 time daily readings at 03.00, 06.00, 09.00, 12.00, 15.00, 18.00 and 21.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5-7 readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966-1969.
Rated by Float:	-
Rated by Current Meter:	1966-1969.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 150 discharge measurements made in 1968.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.28	0.43	0.36	0.25	0.82	0.96	0.97	1.69	0.81	0.62	0.52	0.51
2	.28	.35	.51	.25	.67	.95	.95	.45	.80	.62	.51	.49
3	.27	.27	.91	.25	.54	.94	.95	.18	.80	.61	.51	.48
4	.27	.25	.92	.24	.46	.97	.94	.08	.79	.61	.51	.47
5	.25	.21	.62	.23	.56	1.00	.95	.07	.78	.61	.51	.46
6	0.24	0.19	0.51	0.25	0.80	0.96	0.99	1.64	0.76	0.63	0.50	0.46
7	.20	.18	.44	.33	1.08	.95	1.01	2.61	.75	.64	.50	.46
8	.18	.16	.40	.36	0.94	1.01	.07	.00	.73	.62	.50	.46
9	.17	.15	.43	.37	.77	.01	.25	1.53	.72	.61	.49	.46
10	.17	.15	.50	.39	.87	0.96	.20	.32	.68	.61	.49	.45
11	0.23	0.15	0.45	0.37	1.98	0.94	1.66	1.22	0.67	0.61	0.48	0.45
12	.30	.16	.41	.35	2.32	.93	2.71	.19	.67	.60	.48	.45
13	.21	.17	.36	.34	.11	.96	.48	.14	.66	.60	.47	.45
14	.17	.20	.33	.33	.66	1.01	1.94	.10	.66	.60	.47	.44
15	.17	.22	.33	.31	.53	0.96	.92	.06	.66	.60	.47	.44
16	0.16	0.24	0.34	0.30	1.78	0.96	1.61	1.04	0.65	0.59	0.47	0.43
17	.15	.25	.34	.29	2.00	1.03	.54	.01	.65	.59	.47	.43
18	.15	.22	.36	.30	.71	0.99	.50	.00	.65	.64	.47	.43
19	.15	.24	.30	.42	.63	.98	.41	0.98	.64	.70	.47	.42
20	.14	.29	.41	.44	1.94	.96	.34	.95	.64	.64	.46	.42
21	0.14	0.64	0.39	0.42	1.56	0.95	1.25	0.93	0.64	0.60	0.46	0.41
22	.14	.67	.38	.39	.38	.95	.20	.91	.63	.60	.46	.41
23	.14	.55	.50	.37	.29	.93	.16	.87	.63	.59	.46	.41
24	.15	.42	.55	.37	.30	.95	.19	.86	.63	.59	.45	.41
25	.16	.41	.44	.37	.25	1.06	.13	.86	.62	.58	.45	.40
26	0.21	0.55	0.39	0.79	1.28	1.45	1.08	0.85	0.62	0.58	0.46	0.40
27	.32	.83	.35	.87	.25	.39	.01	.85	.62	.56	.46	.40
28	.46	.56	.32	1.10	.18	.11	.09	.84	.62	.55	.46	.40
29	.41	.55	.30	0.96	.09	.03	.11	.83	.62	.53	-	.40
30	.66	.42	.27	.82	.05	.00	.04	.83	.61	.52	-	.39
31	-	.37	-	1.06	0.96	-	.08	-	.61	.52	-	.39
Mean	0.23	0.34	0.44	0.45	1.41	1.01	1.31	1.16	0.68	0.60	0.46	0.43
Max.	0.66	0.83	0.92	1.10	2.71	1.45	2.71	2.61	0.81	0.70	0.52	0.51
Min.	0.14	0.15	0.27	0.23	0.46	0.93	0.94	0.83	0.61	0.52	0.45	0.39

WATER YEAR 1974 : Max. 2.71 m. Min. 0.14 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.68	6.66	5.20	3.20	17	21	21	49	17	11	8.72	8.46
2	3.68	5.00	8.46	3.20	13	21	21	40	16	11	8.46	7.98
3	3.52	3.52	19	3.20	9.24	20	21	29	16	11	8.46	7.76
4	3.52	3.20	20	3.04	7.32	21	20	25	16	11	8.46	7.54
5	3.20	2.56	11	2.88	9.76	22	21	25	16	11	8.46	7.32
6	3.04	2.25	8.46	3.20	16	21	22	47	15	12	8.20	7.32
7	2.40	2.10	6.88	4.60	25	21	22	92	15	12	8.20	7.32
8	2.10	1.80	6.00	5.20	20	22	25	63	14	11	8.20	7.32
9	1.95	1.65	6.66	5.40	15	22	32	43	14	11	7.98	7.32
10	1.95	1.65	8.20	5.80	18	21	30	34	13	11	7.98	7.10
11	2.88	1.65	7.10	5.40	62	20	48	30	13	11	7.76	7.10
12	4.00	1.80	6.22	5.00	78	20	97	29	13	11	7.76	7.10
13	2.56	1.95	5.20	4.80	68	21	86	27	12	11	7.54	7.10
14	1.95	2.40	4.60	4.60	95	22	61	26	12	11	7.54	6.88
15	1.95	2.72	4.60	4.20	88	21	60	24	12	11	7.54	6.88
16	1.80	3.04	4.80	4.00	53	21	46	24	12	10	7.54	6.66
17	1.65	3.20	4.80	3.84	63	23	43	22	12	10	7.54	6.66
18	1.65	2.72	5.20	4.00	97	22	42	22	12	12	7.54	6.66
19	1.65	3.04	4.00	6.44	93	22	38	22	12	14	7.54	6.44
20	1.50	3.84	6.22	6.88	61	21	35	21	12	12	7.32	6.44
21	1.50	12	5.80	6.44	44	21	32	20	12	11	7.32	6.22
22	1.50	13	5.60	5.80	37	21	30	19	12	11	7.32	6.22
23	1.50	9.50	8.20	5.40	33	20	28	18	12	10	7.32	6.22
24	1.65	6.44	9.50	5.40	34	21	29	18	12	10	7.10	6.22
25	1.80	6.22	6.88	5.40	32	24	27	18	11	10	7.10	6.00
26	2.56	9.50	5.80	16	33	40	25	18	11	10	7.32	6.00
27	4.40	17	5.00	18	32	37	22	18	11	9.76	7.32	6.00
28	7.32	9.76	4.40	26	29	26	26	17	11	9.50	7.32	6.00
29	6.22	9.50	4.00	21	26	23	26	17	11	8.98	–	6.00
30	12	6.44	3.52	17	24	22	24	17	11	8.72	–	5.80
31	–	5.40	–	24	21	–	25	–	11	8.72	–	5.80
Total	91.08	161.51	211.30	239.32	1,253.32	680	1,085	874	399	332.68	216.86	209.84
Mean	3.04	5.21	7.04	7.72	40.4	22.7	35.0	29.1	12.9	10.7	7.74	6.77
Max.	12	17	20	26	97	40	97	92	17	14	8.72	8.46
Min.	1.50	1.65	3.52	2.88	7.32	20	20	17	11	8.72	7.10	5.80
Runoff - mcm.	7.869	13.954	18.256	20.677	108.287	58.752	93.744	75.514	34.474	28.743	18.737	18.130

WATER YEAR 1974 : Max. 97 Min. 1.50 Mean 15.8 Annual Runoff 497.138 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 12	12.00	2.86	106				

SALAWIN RIVER BASIN

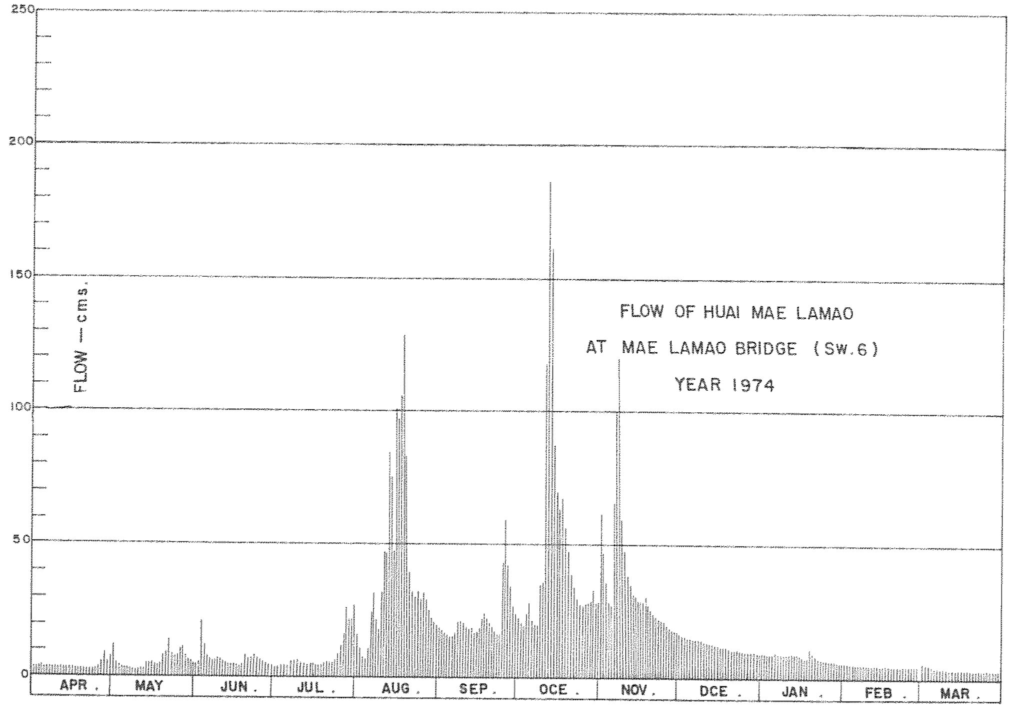
Huai Mae Lamao at Mae Lamao Bridge, Tak (Sw. 6)

Location:	Lat. 16°-45'-44" N., Long. 98°-45'-14" E., on left bank downstream side of Huai Mae Lamao Bridge, Amphoe Mae Sot, Tak.
Drainage Area:	1,039 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	about 6.25 meters from automatic gage building.
Elevation:	+ 10.386 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1970 to date.
Rating Operation:	
Period of Rating:	1970 to date.
Rated by Float:	-
Rated by Current Meter:	1970 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment but periodic curves are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 175 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.06	1.33	1.10	1.05	1.43	1.47	1.54	2.34	1.40	1.19	1.07	1.08
2	.04	.14	.12	.08	.30	.45	.52	1.95	.40	.18	.06	.06
3	.05	.09	.54	.08	.22	.42	.48	.78	.39	.17	.06	.06
4	.10	.06	.42	.07	.18	.40	.53	.70	.37	.17	.06	.03
5	.04	.05	.25	.07	.23	.39	.69	.67	.37	.18	.05	.00
6	1.04	1.04	1.19	1.11	1.39	1.37	1.52	2.77	1.36	1.21	1.04	1.00
7	.04	.03	.17	.13	.75	.39	.49	3.29	.36	.19	.04	0.99
8	.04	.02	.14	.15	.60	.51	.47	2.44	.35	.17	.04	.98
9	.04	.02	.15	.16	.40	.51	.85	.14	.35	.17	.04	.98
10	.03	.01	.18	.15	.61	.51	.84	.04	.33	.17	.04	.98
11	1.03	1.01	1.16	1.12	2.07	1.48	3.53	1.92	1.32	1.19	1.04	0.97
12	.03	.00	.15	.12	.04	.45	4.13	.85	.31	.19	.04	.97
13	.03	.09	.11	.11	.72	.46	3.26	.79	.30	.17	.04	.97
14	.03	.12	.11	.11	.54	.44	2.70	.75	.29	.21	.04	.97
15	.03	.13	.12	.12	.02	.41	.50	.71	.29	.16	.04	.97
16	1.02	1.14	1.11	1.11	3.00	1.44	2.32	1.69	1.28	1.14	1.04	0.97
17	.02	.11	.11	.10	2.90	.50	.41	.69	.27	.12	.04	.97
18	.02	.09	.09	.08	3.40	.59	.25	.74	.27	.12	.04	.97
19	.02	.15	.12	.12	2.79	.53	.18	.66	.26	.22	.04	.96
20	.01	.24	.21	.14	.28	.51	1.99	.62	.25	.19	.04	.96
21	1.00	1.24	1.18	1.15	1.95	1.47	1.89	1.60	1.24	1.17	1.03	0.96
22	.00	.38	.19	.13	.77	.42	.80	.57	.23	.13	.03	.96
23	.02	.25	.22	.13	.72	.39	.74	.55	.23	.12	.03	.96
24	.06	.19	.20	.17	.77	.40	.69	.54	.22	.11	.03	.96
25	.05	.21	.17	.25	.72	.88	.66	.51	.21	.10	.03	.96
26	1.09	1.27	1.14	1.32	1.77	2.29	1.67	1.49	1.21	1.10	1.03	0.96
27	.21	.30	.14	.37	.72	1.94	.68	.47	.21	.09	.02	.96
28	.28	.22	.11	.65	.63	.79	.68	.45	.21	.09	.02	.95
29	.14	.18	.09	.56	.56	.66	.81	.43	.20	.08	-	.95
30	.20	.14	.07	.54	.50	.59	.70	.42	.20	.07	-	.95
31	-	.12	-	.67	.48	-	.70	-	.19	.07	-	.95
Mean	1.06	1.14	1.17	1.20	1.88	1.53	2.01	1.82	1.29	1.15	1.04	0.98
Max.	1.28	1.38	1.54	1.67	3.40	2.29	4.13	3.29	1.40	1.22	1.07	1.08
Min.	1.00	1.00	1.07	1.05	1.18	1.37	1.47	1.42	1.19	1.07	1.02	0.95

WATER YEAR 1974 : Max. 4.13 m. Min. 0.95 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.70	12	4.50	3.50	16	19	22	62	16	9.70	6.25	6.50
2	3.30	5.70	5.10	4.10	11	18	21	40	16	9.40	6.00	6.00
3	3.50	4.30	21	4.10	8.20	17	20	32	16	9.10	6.00	6.00
4	4.50	3.70	16	3.90	6.90	16	22	28	15	9.10	6.00	5.25
5	3.30	3.50	9.25	3.90	8.55	16	28	27	15	9.40	5.75	4.50
6	3.30	3.30	7.20	4.80	15	15	21	87	15	10	5.50	4.50
7	3.30	3.10	6.60	5.40	31	16	20	120	15	9.70	5.50	4.30
8	3.30	2.90	5.70	6.00	24	21	19	67	15	9.10	5.50	4.10
9	3.30	2.90	6.00	6.30	16	21	35	51	15	9.10	5.50	4.10
10	3.10	2.70	6.90	6.00	25	21	35	45	14	9.10	5.50	4.10
11	3.10	2.70	6.30	5.10	47	20	138	39	14	9.70	5.50	3.90
12	3.10	2.50	6.00	5.10	45	18	186	35	13	9.70	5.50	3.90
13	3.10	4.30	4.80	4.80	84	19	118	32	13	9.10	5.50	3.90
14	3.10	5.10	4.80	4.80	73	18	83	31	13	10	5.50	3.90
15	3.10	5.40	5.10	5.10	44	17	71	29	13	8.80	5.50	3.90
16	2.90	5.70	4.80	4.80	101	18	61	28	12	8.20	5.50	3.90
17	2.90	4.80	4.80	4.50	95	20	66	28	12	7.60	5.50	3.90
18	2.90	4.30	4.30	4.10	128	24	57	30	12	7.60	5.50	3.90
19	2.90	6.00	5.10	5.10	88	22	53	27	12	11	5.50	3.70
20	2.70	8.90	7.85	5.70	58	21	42	25	11	9.70	5.50	3.70
21	2.50	8.90	6.90	6.00	40	19	37	24	11	9.10	5.25	3.70
22	2.50	14	7.20	5.40	32	17	33	23	11	7.90	5.25	3.70
23	2.90	9.25	8.20	5.40	29	16	30	22	11	7.60	5.25	3.70
24	3.70	7.20	7.50	6.60	32	16	28	22	11	7.30	5.25	3.70
25	3.50	7.85	6.60	9.25	29	37	27	21	10	7.00	5.25	3.70
26	4.30	9.95	5.70	12	32	59	27	20	10	7.00	5.25	3.70
27	7.85	11	5.70	14	29	40	28	19	10	6.75	5.00	3.70
28	10	8.20	4.80	26	26	32	28	18	10	6.75	5.00	3.50
29	5.70	6.90	4.30	22	23	27	33	18	10	6.50	–	3.50
30	7.50	5.70	3.90	21	20	24	28	17	10	6.25	–	3.50
31		5.10	–	27	20	–	28	–	9.70	6.25	–	3.50
Total	114.85	187.85	202.90	251.75	1,236.65	664	1,445	1,067	390.70	263.50	154.00	127.85
Mean	3.83	6.06	6.76	8.12	39.9	22.1	46.6	35.6	12.6	8.50	5.50	4.12
Max.	10	14	21	27	128	59	186	120	16	11	6.25	6.50
Min.	2.50	2.50	3.90	3.50	6.90	15	19	17	9.70	6.25	5.00	3.50
Runoff - mcm.	9.923	16.230	17.530	21.751	106.846	57.370	124.848	92.189	33.756	22.766	13.306	11.046

WATER YEAR 1974 : Max. 186 Min. 2.50 Mean 16.7 Annual Runoff 527.563 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 12, 74	18.00	4.76	245				

MAE KOK RIVER BASIN

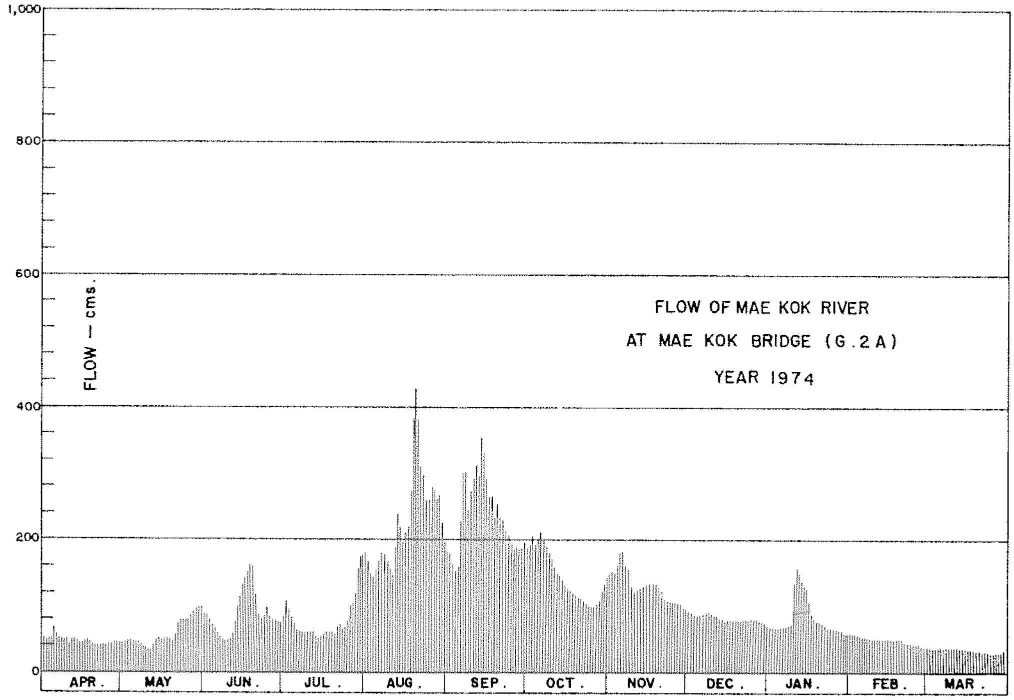
Mae Kok River at Mae Kok Bridge, Chiang Rai (G.2A)

Location:	Lat. 19°-55'-16" N., Long. 99°-50'-57" E., on right bank about 80 meters downstream from the bridge at Chiang Rai - Mae Chan highway, Amphoe Muang, Chiang Rai.
Drainage Area:	6,063 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 389.00 m. (M.S.L.)
Bench Mark:	B.M. H.S.
Location:	near automatic gage building.
Elevation:	+ 392.602 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1958 to date.
Rating Operation:	
Period of Rating:	1958-1960, 1967-1971.
Rated by Float:	-
Rated by Current Meter:	1958-1960, 1967-1971.
Stability of Channel Regimes:	Fairly stable by some silting, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 95 discharge measurements made in 1971.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	390.88	390.79	391.07	391.08	391.50	391.50	391.52	391.37	391.12	390.99	390.91	390.76
2	.85	.82	.08	.20	.42	.48	.53	.39	.10	.98	.91	.76
3	.83	.84	.03	.12	.35	.41	.58	.36	.09	.97	.91	.76
4	.84	.83	390.99	.05	.34	.38	.53	.40	.08	.97	.90	.76
5	.96	.83	.95	390.99	.40	.41	.56	.49	.08	.97	.89	.76
6	390.91	390.80	390.92	390.94	391.45	391.59	391.60	391.50	391.08	390.97	390.88	390.76
7	.86	.81	.87	.92	.48	.88	.58	.42	.09	.99	.88	.76
8	.85	.79	.84	.92	.48	.88	.54	.40	.09	391.00	.87	.76
9	.84	.77	.82	.92	.45	.71	.51	.30	.11	.00	.87	.76
10	.84	.74	.83	.91	.42	.79	.46	.26	.10	.03	.87	.76
11	390.79	390.72	390.84	390.91	391.34	391.83	391.42	391.25	391.08	391.28	390.87	390.76
12	.85	.73	.93	.92	.48	.91	.38	.27	.08	.40	.87	.76
13	.85	.80	391.08	.87	.68	.86	.36	.28	.07	.35	.87	.76
14	.81	.85	.17	.85	.60	392.03	.35	.29	.05	.30	.87	.75
15	.80	.85	.23	.85	.54	391.94	.31	.30	.04	.29	.87	.75
16	390.80	390.84	391.34	390.88	391.58	391.83	391.28	391.31	391.04	391.21	390.87	390.74
17	.82	.85	.36	.91	.62	.77	.27	.31	.04	.11	.86	.74
18	.83	.85	.42	.91	.76	.71	.25	.31	.04	.06	.86	.73
19	.80	.84	.41	.91	392.11	.67	.23	.30	.04	.03	.86	.73
20	.78	.81	.28	.90	.23	.73	.22	.29	.04	.03	.86	.72
21	390.77	390.87	391.14	390.95	391.95	391.67	391.22	391.26	391.04	391.01	390.84	390.71
22	.77	.99	.06	.99	.90	.66	.20	.22	.04	.00	.82	.71
23	.77	391.03	.02	.95	.85	.61	.18	.20	.04	390.99	.81	.71
24	.77	.04	.06	.96	.75	.57	.16	.19	.04	.97	.81	.71
25	.78	.03	.12	391.01	.75	.54	.15	.19	.04	.96	.81	.70
26	390.78	391.05	391.07	391.15	391.81	391.51	391.14	391.18	391.04	390.95	390.81	390.71
27	.79	.07	.02	.17	.81	.53	.16	.17	.04	.94	.80	.70
28	.82	.11	.03	.26	.76	.50	.18	.17	.04	.94	.80	.71
29	.80	.13	.02	.38	.78	.52	.24	.16	.03	.93		.70
30	.79	.13	.00	.46	.66	.54	.27	.13	.02	.92		.74
31		.14		.48	.57		.36		.00	.92		.74
Mean	390.82	390.89	391.07	391.02	391.64	391.66	391.35	391.29	391.06	391.05	390.86	390.74
Max.	390.96	391.14	391.42	391.48	392.23	392.03	391.60	391.50	391.12	391.40	390.91	390.76
Min.	390.77	390.72	390.82	390.85	391.34	391.38	391.14	391.13	391.00	390.92	390.80	390.70

WATER YEAR 1974 : Max. 392.23 m. Min. 390.70 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	55	43	85	87	182	182	188	148	94	71	59	39
2	51	47	87	109	161	177	191	153	90	70	59	39
3	48	49	78	94	143	159	205	146	88	68	59	39
4	49	48	71	81	141	151	191	156	87	68	57	39
5	67	48	65	71	156	159	199	179	87	68	56	39
6	59	44	61	64	169	208	211	182	87	68	55	39
7	52	45	53	61	177	300	205	161	88	71	55	39
8	51	43	49	61	177	300	194	156	88	73	53	39
9	49	40	47	61	169	244	185	131	92	73	53	39
10	49	37	48	59	161	271	172	122	90	78	53	39
11	43	34	49	59	141	284	161	120	87	127	53	39
12	51	36	62	61	177	310	151	124	87	156	53	39
13	51	44	87	53	235	294	146	127	85	143	53	39
14	45	51	103	51	211	353	143	129	81	131	53	38
15	44	51	116	51	194	321	133	131	80	129	53	38
16	44	49	141	55	205	284	127	133	80	111	53	37
17	47	51	146	59	217	264	124	133	80	92	52	37
18	48	51	161	59	261	264	120	133	80	83	52	36
19	44	49	159	59	382	232	116	131	80	78	52	36
20	42	45	127	57	425	251	113	129	80	78	52	34
21	40	53	98	65	324	232	113	122	80	75	47	33
22	40	71	83	71	307	229	109	113	80	73	47	33
23	40	78	76	65	290	214	105	109	80	71	45	33
24	40	80	83	67	257	202	101	107	80	68	45	33
25	42	78	94	75	257	194	99	107	80	67	45	32
26	42	81	85	99	277	185	98	105	80	65	45	33
27	43	85	76	103	277	191	101	103	80	64	44	32
28	47	92	78	122	261	182	105	103	80	64	44	33
29	44	96	76	151	267	188	118	101	78	62		32
30	43	96	73	172	229	196	124	96	76	61		37
31		98		177	202		146		73	61		37
Total	1,410	1,813	2,617	2,479	7,032	7,021	4,494	3,890	2,578	2,567	1,449	1,131
Mean	47.0	58.5	87.2	80.0	227	234	145	130	83.2	82.8	51.7	36.5
Max.	67	98	161	177	425	353	211	182	94	156	59	39
Min.	40	34	47	51	141	151	98	96	73	61	44	32
Runoff - mcm.	121.824	156.643	226.109	214.185	607.565	606.614	388.282	336.096	222.739	221.789	125.194	97.718

WATER YEAR 1974 : Max. 425 Min. 32 Mean 105 Annual Runoff 3,324.758 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	06.00	392.28	444				

MAE KHONG RIVER BASIN

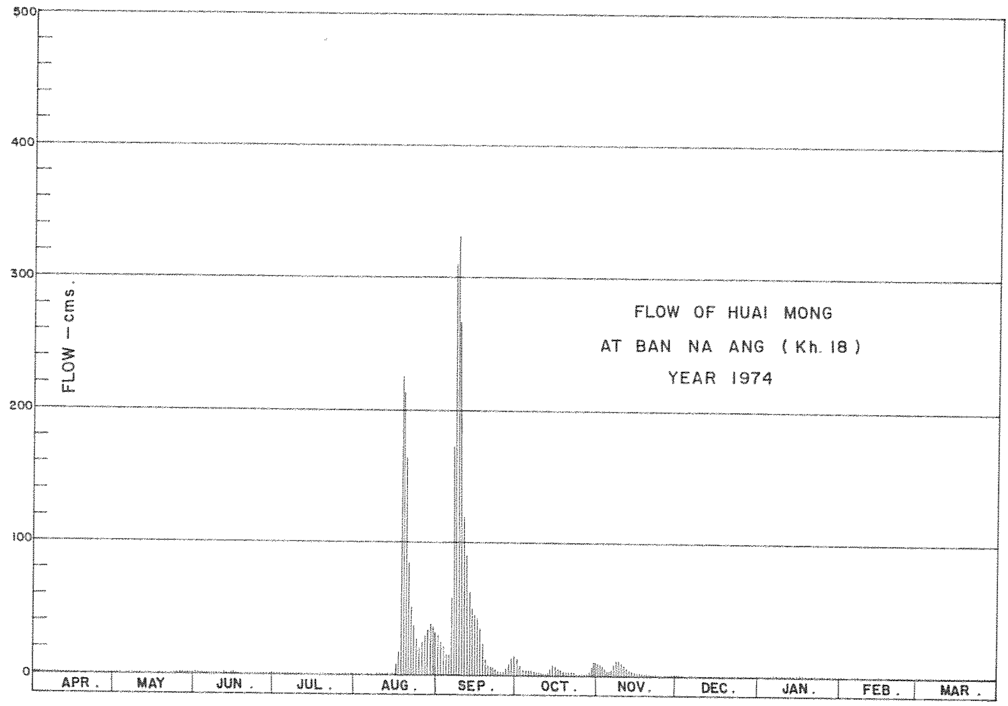
Huai Mong at Ban Na Ang, Udon Thani (Kh.18)

Location:	Lat. 17°-34'-39" N., Long. 102°-20'-19" E., on right bank about 300 meters downstream from confluence of Huai Nam Ban and Huai Pak Kong, Amphoe Ban Phu, Udon Thani.
Drainage Area:	1,307 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on right bank near the camp of gaging station Kh. 18
Elevation:	+ 7.590 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1957 to date.
Rating Operation:	
Period of Rating:	1957 to date.
Rated by Float:	-
Rated by Current Meter:	1957 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 7.40 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 117 discharge measurements made in 1974.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.97	0.90	1.11	1.14	0.71	4.86	3.61	3.19	1.32	0.86	0.91	0.87
2	.98	.88	.08	.15	.67	.69	.03	.04	.27	.89	.90	.93
3	.96	.87	.06	.16	.65	.36	2.54	2.79	.20	.91	.90	.98
4	.96	.89	.09	.14	.66	3.87	.33	.45	.20	.94	.90	.98
5	.96	.89	.07	.15	.66	.50	.41	.24	.23	.93	.91	.95
6	0.94	0.88	1.07	1.13	0.67	5.99	2.42	2.59	1.22	0.94	0.91	0.91
7	.94	.88	.06	.10	.70	*7.87	.33	3.20	.15	.94	.92	.88
8	.96	.87	.07	0.99	.89	* .97	.06	.48	.12	.93	.90	.88
9	.95	.89	.09	.88	1.59	* .54	1.87	.35	.10	.95	.91	.87
10	.93	.95	.09	.82	.51	* .21	.79	.06	.13	1.02	.90	.86
11	0.92	0.94	1.08	0.81	1.39	6.99	1.79	2.76	1.08	1.10	0.92	0.85
12	.93	.92	.07	.80	.32	.78	.74	.57	.09	.08	.94	.87
13	.91	.90	.05	.85	.36	.23	2.18	.47	.11	.03	.95	.85
14	.93	.87	.05	.87	.40	5.78	.99	.34	.08	.03	.94	.83
15	.92	.87	.07	.84	.40	.62	3.10	.12	.05	.06	.92	.85
16	0.91	0.86	1.07	0.84	1.49	5.55	2.87	2.04	1.04	1.03	0.89	0.84
17	.90	.85	.07	.87	3.98	.22	.66	.00	.01	.00	.89	.82
18	.92	.84	.06	.87	*7.68	4.69	.44	1.83	0.90	.01	.88	.83
19	.91	.82	.05	.86	* .56	3.57	.25	.75	1.06	.00	.88	.84
20	.91	.81	.04	.90	* .04	2.89	.08	.59	.03	0.98	.88	.83
21	0.88	0.86	1.02	0.88	6.44	2.84	1.93	1.56	0.99	0.96	0.87	0.83
22	.87	.91	.04	.86	5.72	.74	.80	.63	.98	.94	.82	.82
23	.88	.94	.03	.85	.16	.47	.70	.52	1.00	.94	.81	.84
24	.88	.97	.01	.85	4.65	.22	.70	.47	.00	.92	.83	.84
25	.88	.98	.01	.83	.23	.02	.68	.52	.01	.94	.83	.83
26	0.90	1.01	1.03	0.79	4.55	2.20	1.55	1.50	1.00	0.92	0.83	0.83
27	.88	.04	.04	.78	.90	.73	.46	.47	0.98	.89	.84	.84
28	.87	.04	.12	.76	5.10	3.20	.50	.44	.97	.87	.87	.83
29	.87	.05	.15	.75	.29	.64	2.36	.40	.96	.85	-	.83
30	.90	.09	.14	.73	.38	.74	3.31	.34	.90	.90	-	.83
31	-	.09	-	.73	.04	-	.32	-	.87	.91	-	.85
Mean	0.92	0.92	1.07	0.90	3.22	4.63	2.28	2.19	1.07	0.96	0.89	0.86
Max.	0.98	1.09	1.15	1.16	7.68	7.97	3.61	3.48	1.32	1.10	0.95	0.98
Min.	0.87	0.81	1.01	0.73	0.65	2.02	1.46	1.34	0.87	0.85	0.81	0.82

WATER YEAR 1974 : Max. 7.97 m. Min. 0.65 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.14	0.00	0.42	0.48	0.00	30	13	9.82	0.84	0.00	0.02	0.00
2	0.16		0.36	0.50		27	8.61	8.68	0.74	0.00	0.00	0.06
3	0.12		0.32	0.65		22	5.44	6.94	0.60	0.02	0.00	0.16
4	0.12		0.38	0.48		16	4.35	4.95	0.60	0.08	0.00	0.16
5	0.12		0.34	0.50		12	4.75	3.90	0.66	0.06	0.02	0.10
6	0.08		0.34	0.46		55	4.80	5.74	0.64	0.08	0.02	0.02
7	0.08		0.32	0.40		289	4.35	9.90	0.50	0.08	0.04	0.00
8	0.12		0.34	0.14	0.00	331	3.04	12	0.44	0.06	0.00	
9	0.10	0.00	0.38	0.00	1.47	191	2.31	11	0.40	0.10	0.02	
10	0.06	0.10	0.38		1.23	130	2.07	8.82	0.46	0.24	0.00	
11	0.04	0.08	0.36		0.98	105	2.07	6.76	0.36	0.40	0.04	
12	0.06	0.04	0.34		0.84	88	1.92	5.62	0.38	0.36	0.08	
13	0.02	0.00	0.30		0.92	63	3.60	5.05	0.42	0.26	0.10	
14	0.06		0.30		1.00	49	8.33	4.40	0.36	0.26	0.08	
15	0.04		0.34		1.00	45	9.10	3.30	0.30	0.32	0.04	
16	0.02		0.34		1.18	44	7.49	2.96	0.28	0.26	0.00	
17	0.00		0.34		17	37	6.16	2.80	0.22	0.20		
18	0.04		0.32		227	27	4.90	2.19	0.00	0.22		
19	0.02		0.30		196	13	3.95	1.95	0.32	0.20		
20	0.02		0.28		110	7.63	3.12	1.47	0.26	0.16		
21	0.00	0.00	0.24		71	7.28	2.52	1.38	0.18	0.12		
22		0.02	0.28		48	6.64	2.10	1.59	0.16	0.08		
23		0.08	0.26		35	5.05	1.80	1.26	0.20	0.08		
24		0.14	0.22		26	3.80	1.80	1.14	0.20	0.04		
25		0.16	0.22		20	2.88	1.74	1.26	0.22	0.08		
26		0.22	0.26		25	3.70	1.35	1.20	0.20	0.04		
27		0.28	0.28		31	6.58	1.12	1.14	0.16	0.00		
28		0.28	0.44		34	9.90	1.20	1.08	0.14		0.00	
29		0.30	0.50		38	14	4.50	1.00	0.12			
30	0.00	0.38	0.48		40	15	11	0.88	0.00			
31		0.38		0.00	33		11		0.00	0.00		0.00
Total	1.42	2.46	9.98	3.61	959.62	1,656.46	143.49	130.18	10.36	3.80	0.46	0.50
Mean	0.047	0.079	0.33	0.12	30.9	55.2	4.63	4.34	0.33	0.12	0.016	0.016
Max.	0.16	0.38	0.50	0.65	227	331	13	12	0.84	0.40	0.10	0.16
Min.	0.00	0.00	0.22	0.00	0.00	2.88	1.12	0.88	0.00	0.00	0.00	0.00
Runoff - mcm.	0.123	0.213	0.862	0.312	82.911	143.118	12.397	11.248	0.895	0.328	0.040	0.043

WATER YEAR 1974 : Max. 331 Min. 0.00 Mean 8.01 Annual Runoff 252.490 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.8, 74	06.00	8.08	387				

MAE KHONG RIVER BASIN

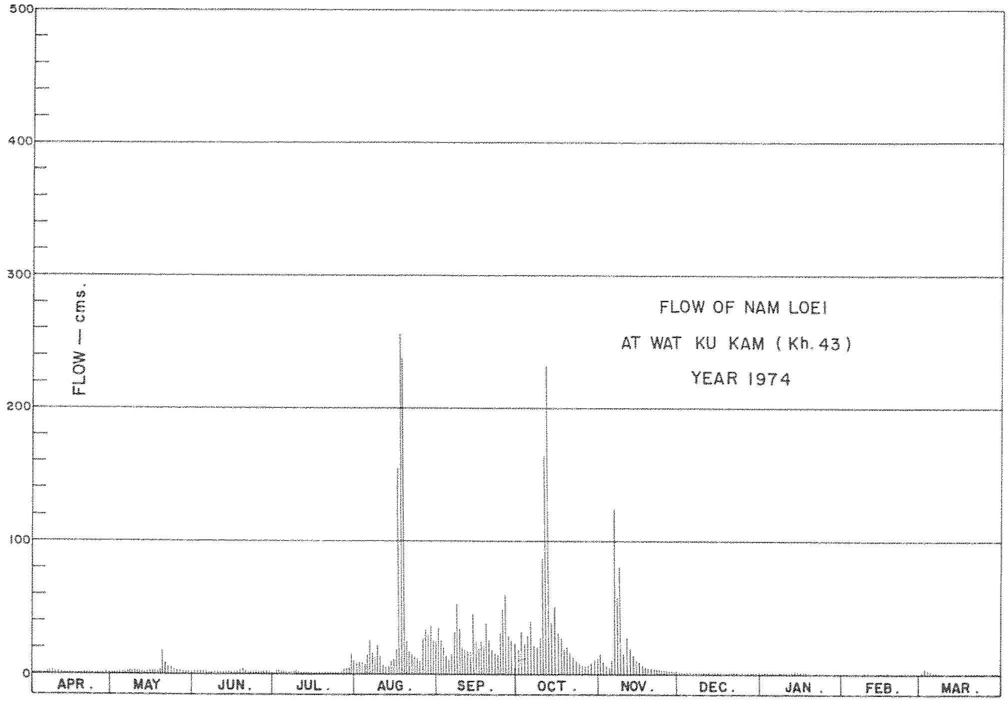
Nam Loei at Wat Ku Kam, Loei (Kh.43)

Location:	Lat. 17°-14'-15" N., Long. 101°-41'-31" E., on left bank downstream of Wat Ku Kam at Ban Sai Khao, Amphoe Wang Saphung, Loei.
Drainage Area:	991 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	at tamarind tree along the measuring line.
Elevation:	+ 10.689 m. (A.D.)
Gage Reading Frequency:	3-time daily readings at 09.00, 12.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3 readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 1,274 discharge measurements made during 1966-1973.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.75	0.73	0.79	0.79	1.10	1.78	1.45	1.40	0.83	0.71	0.69	0.65
2	.72	.72	.78	.88	.15	.62	.77	.17	.83	.71	.69	.96
3	.72	.71	.76	.85	.14	.48	.65	.08	.82	.70	.68	.98
4	.72	.71	.78	.80	.04	.32	.49	.03	.82	.70	.68	.85
5	.71	.71	.79	.77	.25	.22	.92	.03	.81	.70	.68	.77
6	0.71	0.75	0.76	0.76	1.61	1.36	1.55	3.16	0.81	0.70	0.68	0.74
7	.88	.73	.75	.75	.33	.73	.51	2.18	.80	.70	.67	.71
8	.87	.89	.74	.82	.28	2.13	.48	.58	.80	.72	.68	.68
9	.76	.81	.73	.85	.52	1.72	.58	1.39	.79	.73	.69	.67
10	.73	.74	.73	.82	.22	.43	2.65	.33	.79	.72	.68	.66
11	0.80	0.73	0.72	0.79	1.08	1.44	4.35	1.68	0.78	0.72	0.69	0.66
12	.74	.73	.71	.77	.01	.44	2.46	.52	.78	.75	.70	.65
13	.74	.72	.71	.76	0.96	.39	1.93	.37	.77	.84	.72	.65
14	.74	.71	.70	.75	1.17	.98	.74	.26	.77	.85	.72	.64
15	.72	.70	.72	.75	.25	.64	2.10	.17	.76	.85	.71	.64
16	0.71	0.70	0.70	0.74	1.39	1.47	1.75	1.12	0.76	0.80	0.72	0.63
17	.71	.86	.69	.73	4.60	.56	.69	.07	.75	.78	.71	.63
18	.71	.81	.85	.72	.29	.47	.45	.04	.75	.76	.69	.63
19	.71	.75	.86	.70	2.32	.88	.48	.01	.75	.75	.68	.62
20	.70	1.45	.83	.69	1.67	.63	.41	0.98	.74	.76	.67	.62
21	0.72	1.08	0.80	0.68	1.45	1.45	1.32	0.95	0.74	0.81	0.66	0.62
22	.70	.00	.77	.65	.32	.35	.24	.94	.74	.80	.65	.61
23	.69	.00	.75	.66	.29	.30	.19	.92	.73	.78	.65	.61
24	.68	0.88	.74	.67	.22	.34	.14	.90	.73	.76	.64	.61
25	.69	.82	.78	.71	.19	2.07	.10	.89	.73	.75	.64	.61
26	0.73	0.81	0.77	0.82	1.56	2.25	1.06	0.88	0.73	0.74	0.64	0.60
27	.80	.79	.78	.91	.78	1.71	.03	.87	.73	.73	.63	.60
28	.76	.77	.76	.94	.66	.62	.08	.86	.72	.72	.63	.60
29	.74	.75	.76	.96	.87	.64	.19	.85	.72	.71	-	.60
30	.74	.75	.74	1.36	.71	.48	.25	.84	.72	.70	-	.60
31	-	.77	-	.18	.50	-	.23	-	.71	.70	-	.60
Mean	0.74	0.81	0.76	0.81	1.58	1.60	1.62	1.25	0.76	0.75	0.68	0.67
Max.	0.88	1.45	0.86	1.36	4.60	2.25	4.35	3.16	0.83	0.85	0.72	0.98
Min.	0.68	0.70	0.69	0.65	0.96	1.22	1.03	0.84	0.71	0.70	0.63	0.60

WATER YEAR 1974 : Max. 4.60 m. Min. 0.60 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.25	1.07	1.61	1.61	7.50	33	18	16	2.09	0.89	0.74	0.50
2	0.98	0.98	1.52	2.74	8.75	25	32	9.25	2.09	0.89	0.74	4.20
3	0.98	0.89	1.34	2.35	8.50	20	27	7.00	1.96	0.80	0.68	4.60
4	0.98	0.89	1.52	1.70	6.00	14	20	5.75	1.96	0.80	0.68	2.35
5	0.89	0.89	1.61	1.43	11	11	40	5.75	1.83	0.80	0.68	1.43
6	0.89	1.25	1.34	1.34	25	15	22	126	1.83	0.80	0.68	1.16
7	2.74	1.07	1.25	1.25	14	30	21	55	1.70	0.80	0.62	0.89
8	2.61	2.87	1.16	1.96	12	52	20	81	1.70	0.98	0.68	0.68
9	1.34	1.83	1.07	2.35	21	30	24	16	1.61	1.07	0.74	0.62
10	1.07	1.16	1.07	1.96	11	18	86	14	1.61	0.98	0.68	0.56
11	1.70	1.07	0.98	1.61	7.00	18	231	28	1.52	0.98	0.74	0.56
12	1.16	1.07	0.89	1.43	5.25	18	72	21	1.52	1.25	0.80	0.50
13	1.16	0.98	0.89	1.34	4.20	16	40	15	1.43	2.22	0.98	0.50
14	1.16	0.89	0.80	1.25	9.25	43	31	12	1.43	2.35	0.98	0.44
15	0.98	0.80	0.98	1.25	11	26	50	9.25	1.34	2.35	0.89	0.44
16	0.89	0.80	0.80	1.16	16	19	31	8.00	1.34	1.70	0.98	0.38
17	0.89	2.48	0.74	1.07	255	23	28	6.75	1.25	1.52	0.89	0.38
18	0.89	1.83	2.35	0.98	225	19	18	6.00	1.25	1.34	0.74	0.38
19	0.89	1.25	2.48	0.80	63	38	20	5.25	1.25	1.25	0.68	0.37
20	0.80	18	2.09	0.74	28	26	17	4.60	1.16	1.34	0.62	0.32
21	0.98	7.00	1.70	0.68	18	13	14	4.00	1.16	1.83	0.56	0.32
22	0.80	5.00	1.43	0.50	14	15	11	3.80	1.16	1.70	0.50	0.26
23	0.74	5.00	1.25	0.56	13	13	9.75	3.40	1.07	1.52	0.50	0.26
24	0.68	2.74	1.16	0.62	11	14	8.50	3.00	1.07	1.34	0.44	0.26
25	0.74	1.96	1.52	0.89	9.75	48	7.50	2.87	1.07	1.25	0.44	0.26
26	1.07	1.83	1.43	1.96	23	59	6.50	2.74	1.07	1.16	0.44	0.20
27	1.70	1.61	1.52	3.20	33	29	5.75	2.61	1.07	1.07	0.38	0.20
28	1.34	1.43	1.34	3.80	27	25	7.00	2.48	0.98	0.98	0.38	0.20
29	1.16	1.25	1.34	4.20	37	26	9.75	2.35	0.98	0.89	–	0.20
30	1.16	1.25	1.16	15	29	20	11	2.22	0.98	0.80	–	0.20
31	–	1.43	–	9.50	20	–	11	–	0.89	0.80	–	0.20
Total	34.62	72.57	40.34	71.23	983.20	761	949.75	481.07	43.37	38.45	18.86	23.77
Mean	1.15	2.34	1.34	2.30	31.7	25.4	30.6	16.0	1.40	1.24	0.67	0.77
Max.	2.74	18	2.48	15	255	59	231	126	2.09	2.35	0.98	4.60
Min.	0.68	0.80	0.74	0.50	4.20	11	5.75	2.22	0.89	0.80	0.38	0.20
Runoff – mcm.	2.991	6.270	3.485	6.154	84.949	65.750	82.058	41.565	3.747	3.322	1.630	2.054

WATER YEAR 1974 : Max. 255 Min. 0.20 Mean 9.64 Annual Runoff 303.975 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 17	23.00	5.60	362				

MAE KHONG RIVER BASIN

Nam Loei at Tambon Sai Khao, Loei (Kh.43A)

Location: Lat. 17°-13'-30" N., Long. 101°-41'-26" E., on right bank upstream from Kh. 43 station about 3 kilometers at Ban Sai Khao, Amphoe Wang Saphung, Loei.

Drainage Area: 790 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: on left bank at tamarind tree along the measuring line.
Elevation: + 8.516 m. (A.D.)

Gage Reading Frequency: 3-5 time readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 3-5 readings.

Period of Available Gage Records: 1968 to date.

Rating Operation:

Period of Rating: 1968-1973.
Rated by Float: -
Rated by Current Meter: 1968-1973.

Stability of Channel Regimes: Fairly stable because of backwater effect, no shifting adjustment but periodic curves are used for flow computation.

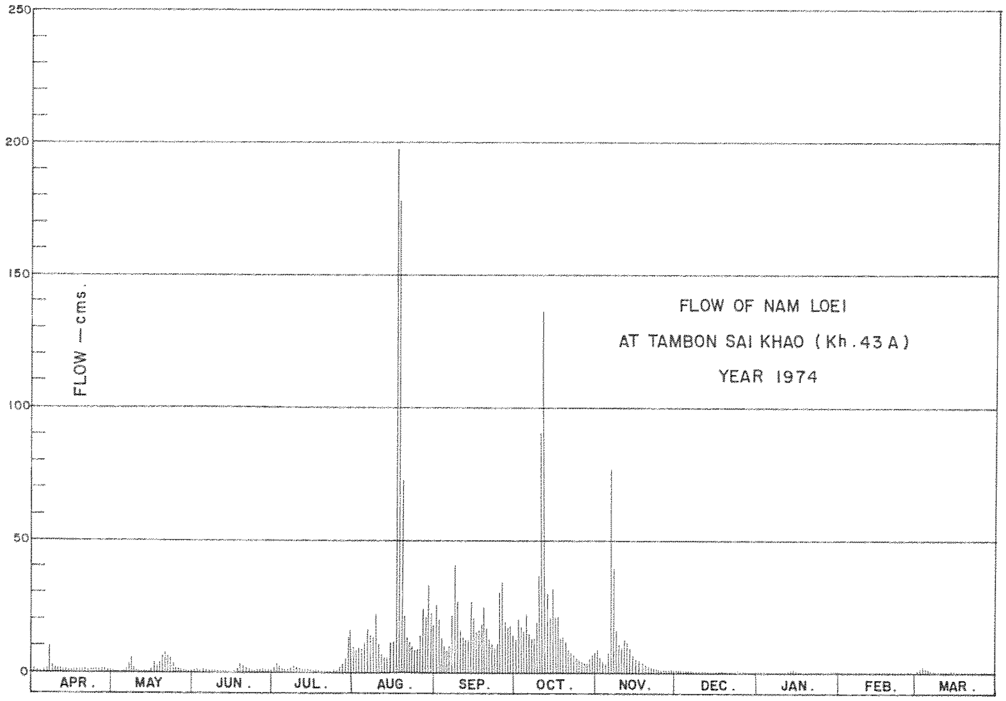
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 189 discharge measurements made in 1973.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.53	0.52	0.56	0.57	0.99	1.73	1.29	1.19	0.63	0.52	0.49	0.45
2	.50	.51	.55	.75	1.03	.58	.55	0.99	.63	.52	.49	.70
3	.49	.50	.53	.68	.03	.43	.48	.89	.62	.51	.48	.83
4	.49	.50	.56	.62	0.97	.25	.38	.83	.62	.51	.48	.72
5	.48	.50	.56	.57	1.15	.14	.62	1.09	.61	.51	.48	.61
6	0.48	0.55	0.53	0.56	1.34	1.26	1.39	2.76	0.61	0.51	0.48	0.56
7	1.07	.52	.52	.55	.24	.65	.31	.01	.60	.51	.47	.53
8	0.65	.88	.51	.66	.20	2.06	.31	1.42	.60	.53	.49	.50
9	.55	.61	.50	.69	.50	1.64	.57	.24	.59	.54	.49	.49
10	.52	.53	.50	.64	.13	.39	2.14	.17	.59	.54	.48	.48
11	0.60	0.52	0.49	0.59	0.97	1.34	3.61	1.33	0.58	0.54	0.49	0.47
12	.53	.52	.48	.56	.84	.29	2.35	.30	.58	.55	.50	.47
13	.53	.51	.48	.55	.81	.30	1.80	.18	.57	.57	.53	.46
14	.53	.50	.47	.54	.91	.76	.58	.08	.57	.61	.52	.46
15	.51	.49	.50	.54	1.14	.58	.88	0.99	.56	.64	.51	.45
16	0.51	0.49	0.49	0.53	1.16	1.40	1.59	0.93	0.56	0.60	0.52	0.45
17	.51	.76	.48	.52	4.32	.45	.61	.88	.55	.58	.52	.44
18	.51	.61	.72	.50	.02	.49	.28	.85	.55	.56	.50	.44
19	.51	.73	.69	.49	2.22	.71	.36	.82	.55	.55	.49	.44
20	.50	1.83	.64	.48	1.62	.55	.24	.79	.55	.55	.48	.43
21	0.51	0.95	0.60	0.47	1.37	1.34	1.15	0.75	0.54	0.58	0.47	0.43
22	.50	.84	.56	.46	.26	.24	.08	.74	.54	.57	.45	.43
23	.49	.87	.54	.46	.21	.18	.02	.72	.54	.56	.45	.42
24	.48	.73	.52	.47	.12	.21	0.96	.70	.54	.56	.44	.42
25	.49	.60	.56	.51	.14	.84	.92	.69	.54	.55	.44	.42
26	0.52	0.58	0.56	0.62	1.51	2.07	0.88	0.68	0.54	0.53	0.44	0.41
27	.61	.56	.56	.71	.68	1.54	.84	.67	.54	.52	.43	.41
28	.56	.54	.54	.77	.58	.46	.89	.66	.53	.51	.43	.41
29	.54	.52	.54	.88	.91	.50	.97	.65	.53	.50	-	.41
30	.53	.52	.52	1.29	.66	.35	1.03	.64	.53	.50	-	.41
31	-	.53	-	.06	.46	-	.10	-	.52	.50	-	.43
Mean	0.54	0.63	0.54	0.62	1.46	1.49	1.42	1.02	0.56	0.54	0.48	0.48
Max.	1.07	1.83	0.72	1.29	4.32	2.07	3.61	2.76	0.63	0.64	0.53	0.83
Min.	0.48	0.49	0.47	0.46	0.81	1.14	0.84	0.64	0.52	0.50	0.43	0.41

WATER YEAR 1974 : Max. 4.32 m. Min. 0.41 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.90	0.80	1.20	1.37	8.38	26	12	9.76	1.30	0.52	0.37	0.25
2	0.60	0.70	1.10	3.80	9.26	21	20	5.86	1.30	0.52	0.37	2.00
3	0.55	0.60	0.90	2.72	9.26	16	18	4.46	1.20	0.46	0.34	3.62
4	0.55	0.60	1.20	1.88	7.94	11	15	3.62	1.20	0.46	0.34	2.24
5	0.50	0.60	1.20	1.30	12	8.56	22	7.44	1.10	0.46	0.34	1.10
6	0.50	1.10	0.90	1.20	17	11	15	77	1.10	0.46	0.34	0.76
7	10	0.80	0.80	1.10	14	23	13	37	1.00	0.46	0.31	0.58
8	2.30	6.04	0.70	2.44	13	40	13	16	1.00	0.58	0.37	0.40
9	1.10	1.74	0.60	2.86	22	23	20	11	0.94	0.64	0.37	0.37
10	0.80	0.90	0.60	2.16	11	15	44	9.28	0.94	0.64	0.34	0.34
11	1.60	0.80	0.55	1.50	7.94	13	136	13	0.88	0.64	0.37	0.31
12	0.90	0.80	0.50	1.20	5.32	12	55	12	0.88	0.70	0.40	0.31
13	0.90	0.70	0.50	1.10	4.78	12	29	9.52	0.82	0.82	0.58	0.28
14	0.90	0.60	0.45	1.00	6.62	27	21	7.28	0.82	1.10	0.52	0.28
15	0.70	0.55	0.60	1.00	12	21	32	5.86	0.76	1.40	0.46	0.25
16	0.70	0.55	0.55	0.90	12	15	21	5.02	0.76	1.00	0.52	0.25
17	0.70	3.96	0.50	0.80	198	17	22	4.32	0.70	0.88	0.52	0.22
18	0.70	1.74	3.32	0.60	171	18	12	3.90	0.70	0.76	0.40	0.22
19	0.70	3.48	2.86	0.55	48	25	14	3.48	0.70	0.70	0.37	0.22
20	0.60	35	2.16	0.50	22	20	11	3.08	0.70	0.70	0.34	0.19
21	0.70	7.50	1.60	0.45	14	14	8.80	2.60	0.64	0.88	0.31	0.19
22	0.60	5.32	1.20	0.40	11	11	7.28	2.48	0.64	0.82	0.25	0.19
23	0.55	5.86	1.00	0.40	10	9.52	6.32	2.24	0.64	0.76	0.25	0.16
24	0.50	3.48	0.80	0.45	8.08	10	5.44	2.00	0.64	0.76	0.22	0.16
25	0.55	1.60	1.20	0.70	8.56	30	4.88	1.90	0.64	0.70	0.22	0.16
26	0.80	1.40	1.20	1.88	18	40	4.32	1.80	0.64	0.58	0.22	0.13
27	1.74	1.20	1.20	3.16	24	19	3.76	1.70	0.64	0.52	0.19	0.13
28	1.20	1.00	1.00	4.12	21	17	4.46	1.60	0.58	0.46	0.19	0.13
29	1.00	0.80	1.00	6.04	33	18	5.58	1.50	0.58	0.40	–	0.13
30	0.90	0.80	0.80	16	23	14	6.48	1.40	0.58	0.40	–	0.13
31	–	0.90	–	9.92	17	–	7.60	–	0.52	0.40	–	0.19
Total	34.74	91.92	32.19	73.50	799.14	557.08	609.92	268.10	25.54	20.58	9.82	15.89
Mean	1.16	2.96	1.07	2.37	25.8	18.6	19.7	8.94	0.824	0.664	0.351	0.512
Max.	10	35	3.32	16	198	40	136	77	1.30	1.40	0.58	3.62
Min.	0.50	0.55	0.45	0.40	4.78	8.56	3.76	1.40	0.52	0.40	0.19	0.13
Runoff - mcm.	3.001	7.942	2.781	6.350	69.046	48.132	52.697	23.164	2.207	1.778	0.848	1.373

WATER YEAR 1974 : Max. 198 Min. 0.13 Mean 6.95 Annual Runoff 219.319 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 17, 74	22.00	5.28	288				

CHI RIVER BASIN

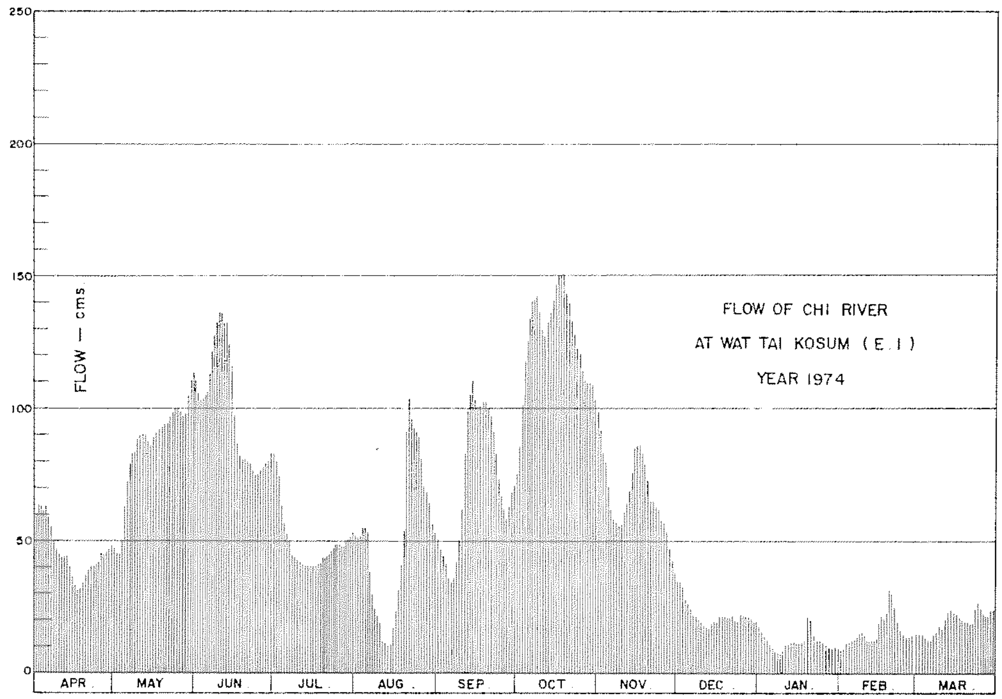
Chi River at Wat Tai Kosum, Maha Sarakham (E.1)

Location:	Lat. 16°-15'-02" N., Long. 103°-04'-25" E., on right bank about 800 meters north-east of the district office of Amphoe Kosum Phisai, Maha Sarakham.
Drainage Area:	29,788 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 136.64 m. (M.S.L.)
Bench Mark:	B.M. - E1
Location:	on right bank about 5 meters from the gage site.
Elevation:	+ 149.116 m. (M.S.L.)
Gage Reading Frequency:	3-time daily readings at 07.00, 12.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3 readings.
Period of Available Gage Records:	1936-1943, 1951 to date.
Rating Operation:	
Period of Rating:	1965-1973.
Rated by Float:	-
Rated by Current Meter:	1965-1973.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 1973. Flow regulated by Nam Phong Dam at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	138.03	137.80	138.90	138.44	137.90	137.87	138.31	138.71	137.55	137.14	136.92	137.07
2	138.09	.77	.81	.38	.89	.80	.48	.59	.52	.09	.94	.07
3	.09	.77	.78	.24	.92	.76	.74	.44	.42	.04	.98	.07
4	.06	.85	.80	.09	.94	.69	139.01	.29	.39	.01	137.00	.04
5	.09	138.09	.83	137.96	.85	.56	.13	.17	.36	136.97	.02	.02
6	138.00	138.26	138.93	137.89	137.63	137.54	139.25	138.07	137.31	136.94	137.03	137.01
7	137.92	.36	139.05	.82	.44	.59	.36	.00	.26	.88	.04	.06
8	.83	.44	.15	.75	.32	.72	.38	137.99	.25	.87	.06	.11
9	.78	.46	.23	.74	.25	.89	.27	.97	.22	.88	.09	.14
10	.75	.53	.28	.73	.16	138.07	.20	.99	.19	.91	.08	.12
11	137.72	138.56	139.24	137.71	137.00	138.44	139.14	138.06	137.17	136.96	137.01	137.16
12	.74	.57	.22	.69	.03	.71	.24	.11	.15	.97	.02	.25
13	.75	.56	.22	.68	136.97	.82	.29	.20	.16	137.01	.03	.29
14	.66	.51	.08	.69	.99	.89	.29	.32	.18	.01	.02	.29
15	.56	.49	138.89	.69	137.16	.79	.37	.47	.21	.00	.05	.27
16	137.51	138.54	138.59	137.69	137.29	138.74	139.44	138.49	137.21	137.00	137.19	137.27
17	.46	.58	.45	.69	.48	.74	.49	.49	.24	136.98	.24	.25
18	.48	.60	.41	.71	.69	.78	.49	.41	.24	137.03	.22	.21
19	.52	.61	.39	.75	.92	.77	.49	.27	.24	.26	.33	.20
20	.58	.62	.39	.74	138.57	.73	.40	.19	.22	.23	.47	.19
21	137.63	138.63	138.38	137.77	138.79	138.67	139.34	138.13	137.24	137.11	137.43	137.18
22	.65	.67	.36	.79	.68	.58	.24	.12	.24	.03	.27	.20
23	.66	.69	.32	.81	.61	.44	.17	.10	.21	.01	.19	.32
24	.67	.72	.31	.84	.60	.29	.09	.07	.22	.01	.13	.36
25	.71	.72	.32	.84	.49	.16	.02	.01	.27	.00	.05	.32
26	137.76	138.70	138.34	137.83	138.29	138.07	138.94	137.98	137.25	136.99	137.04	137.27
27	.76	.68	.35	.82	.18	.01	.90	.91	.24	.96	.04	.24
28	.78	.70	.39	.85	.21	.09	.89	.81	.24	.94	.06	.26
29	.81	.80	.40	.87	.03	.21	.89	.72	.22	.92	-	.29
30	.82	.89	.44	.90	137.95	.24	.87	.62	.21	.92	-	.29
31	-	.93	-	.92	.89	-	.78	-	.20	.92	-	.29
Mean	137.76	138.49	138.71	137.85	137.81	138.25	139.12	138.16	137.26	137.00	137.10	137.20
Max.	138.09	138.93	139.28	138.44	138.79	138.89	139.49	138.71	137.55	137.26	137.47	137.36
Min.	137.46	137.77	138.31	137.69	136.97	137.54	138.31	137.62	137.20	136.87	136.92	137.01

WATER YEAR 1974 : Max. 139.49 m. Min. 136.87 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	60	47	111	83	52	51	75	99	35	18	9.70	15
2	63	45	105	79	52	47	85	92	34	16	10	15
3	63	45	103	71	54	45	101	83	29	14	12	15
4	61	50	104	63	55	41	118	74	28	13	12	14
5	63	63	106	56	50	36	126	67	27	11	13	13
6	58	72	113	52	39	35	134	62	24	10	13	13
7	54	79	121	48	30	37	141	58	22	8.40	14	15
8	49	83	127	44	25	43	142	57	22	8.10	15	16
9	46	84	132	44	22	52	135	56	21	8.40	16	18
10	44	88	136	43	18	62	130	57	20	9.35	15	17
11	43	90	133	42	12	83	127	61	19	11	13	18
12	44	91	132	41	13	99	133	64	18	11	13	22
13	44	90	132	41	11	106	136	69	18	13	13	24
14	40	87	123	41	12	110	136	76	19	13	13	24
15	36	86	110	41	18	104	141	85	20	12	14	23
16	33	89	92	41	24	101	146	86	20	12	20	23
17	31	91	83	41	32	101	150	86	22	12	22	22
18	32	92	81	42	41	103	150	81	22	13	21	20
19	34	93	81	44	54	103	150	73	22	22	25	20
20	37	94	81	44	91	100	143	68	21	21	32	20
21	39	94	80	45	104	97	140	65	22	16	30	19
22	40	97	79	46	97	91	133	65	22	13	23	20
23	40	98	76	47	93	83	128	63	20	13	20	25
24	41	100	75	49	92	74	123	62	21	13	17	27
25	42	100	76	49	86	67	119	58	23	12	14	25
26	45	98	77	49	74	62	114	57	22	12	14	23
27	45	97	78	48	68	58	111	63	22	11	14	22
28	46	98	80	50	69	63	110	47	22	10	15	22
29	47	104	80	51	60	69	110	43	21	9.70	–	24
30	48	110	83	52	55	71	109	38	20	9.70	–	24
31	–	113	–	54	52	–	103	–	20	9.70	–	24
Total	1,368	2,668	2,990	1,541	1,555	2,194	3,899	2,005	698	385.35	462.70	622
Mean	45.6	86.1	99.7	49.7	50.2	73.1	126	66.8	22.5	12.4	16.5	20.1
Max.	63	113	136	83	104	110	150	99	35	22	32	27
Min.	31	45	75	41	11	35	75	38	20	8.10	9.70	13
Runoff - mcm.	118.195	230.515	258.336	133.142	134.352	189.562	336.874	173.232	60.307	33.294	39.977	53.741

WATER YEAR 1975 : Max. 150 Min. 8.10 Mean 54.9 Annual Runoff 1,730.164 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.19	17.00	139.49	150				

CHI RIVER BASIN

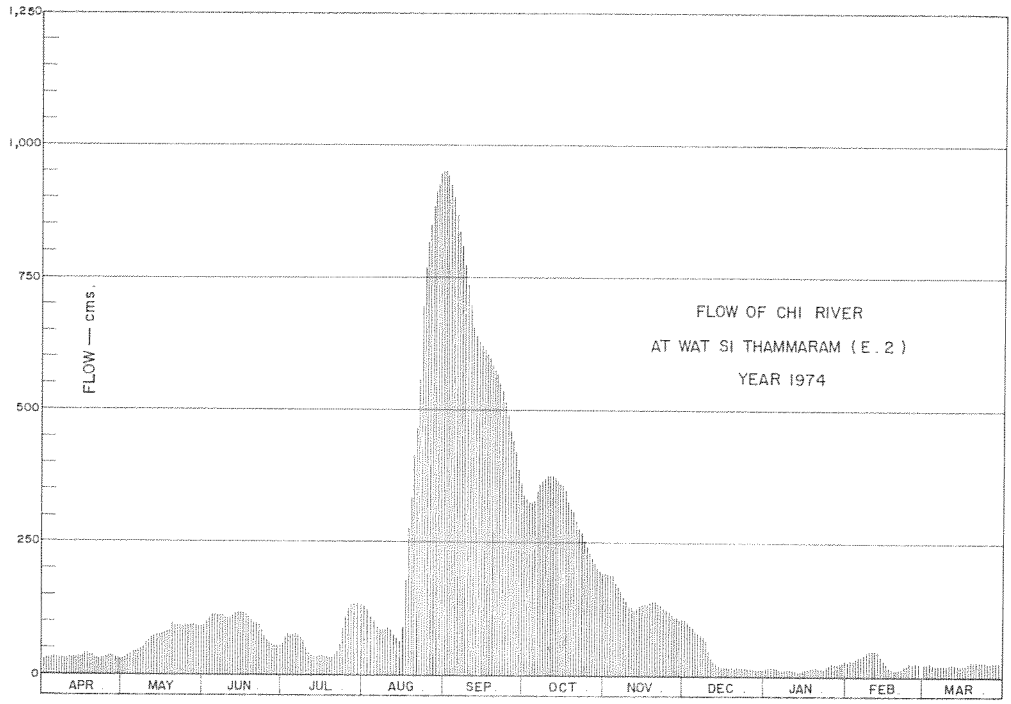
Chi River at Wat Si Thammaram, Yasothon (E.2)

Location:	Lat. 15^{0}-47'-06" N., Long. 104^{0}-08'-36" E., on left bank about 1.5 kilometers south of office of Amphoe Yasothon and 500 meters downstream from Wat Si Thammaram, Amphoe Yasothon, Yasothon.
Drainage Area:	47,391 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 117.00 m. (M.S.L.)
Bench Mark:	B.M. of Survey Department No. 97
Location:	15 meters east of the post office.
Elevation:	+ 126.972 m. (M.S.L.)
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:	1951 to date.
Rating Operation:	
Period of Rating:	1951
Rated by Float:	-
Rated by Current Meter:	1951
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 188 discharge measurements made in 1951. Flow regulated by Nam Phong and Lampao Dam at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	119.10	119.14	120.17	119.76	120.64	125.98	122.74	121.33	120.32	118.79	119.13	118.96
2	.13	.21	.27	.86	.60	.96	.68	.32	.25	.83	.13	.97
3	.14	.27	.36	.92	.55	.92	.64	.29	.19	.84	.16	.99
4	.14	.35	.42	.90	.42	.86	.63	.29	.13	.80	.22	.98
5	.14	.42	.43	.93	.27	.77	.69	.15	.07	.73	.28	.96
6	119.15	119.43	120.40	119.93	120.16	125.68	122.82	121.03	120.02	118.68	119.30	118.95
7	.15	.46	.40	.91	.09	.58	.92	120.95	119.96	.64	.31	.94
8	.15	.50	.40	.82	.07	.46	.98	.83	.92	.65	.39	.94
9	.15	.59	.36	.67	.09	.32	123.01	.73	.78	.66	.45	.93
10	.15	.70	.35	.54	.11	.18	.04	.65	.49	.67	.49	.93
11	119.15	119.79	120.37	119.41	120.10	125.05	123.04	120.60	119.21	118.63	119.52	118.93
12	.15	.84	.44	.32	.03	124.93	.04	.56	.02	.57	.54	.94
13	.15	.87	.49	.26	119.90	.84	.01	.58	118.94	.53	.47	.94
14	.16	.90	.48	.28	.79	.79	122.97	.64	.88	.59	.28	.94
15	.22	.93	.48	.29	.80	.74	.94	.69	.84	.63	.02	.93
16	119.29	119.94	120.48	119.30	120.16	124.71	122.85	120.70	118.80	118.69	118.88	118.91
17	.30	.96	.44	.28	121.20	.66	.77	.70	.79	.72	.74	.98
18	.29	.98	.38	.26	122.18	.60	.63	.74	.77	.74	.64	119.07
19	.24	120.06	.31	.27	.70	.54	.53	.76	.76	.75	.59	.08
20	.20	.21	.25	.27	123.23	.48	.41	.76	.75	.75	.62	.08
21	119.16	120.19	120.21	119.34	123.72	124.41	122.30	120.72	118.75	118.74	118.70	119.07
22	.14	.17	.18	.45	124.50	.31	.19	.68	.75	.73	.78	.06
23	.16	.15	.01	.73	125.14	.21	.08	.62	.77	.73	.90	.06
24	.20	.15	119.90	120.11	.44	.07	121.97	.56	.77	.86	119.00	.03
25	.26	.16	.79	.37	.60	123.90	.85	.53	.75	.89	.04	.03
26	119.28	120.17	119.71	120.57	125.72	123.70	121.72	120.49	118.73	118.95	119.04	119.03
27	.26	.18	.67	.67	.82	.57	.61	.44	.71	.98	.01	.05
28	.19	.20	.65	.73	.89	.36	.52	.38	.71	119.00	.00	.07
29	.12	.19	.63	.71	.93	.14	.43	.35	.71	.05	-	.09
30	.07	.17	.65	.68	.97	122.90	.36	.35	.71	.09	-	.12
31	-	.15	-	.67	.98	-	.33	-	.71	.11	-	.15
Mean	119.19	119.85	120.20	119.81	122.32	124.72	122.44	120.75	119.19	118.77	119.09	119.00
Max.	119.30	120.21	120.49	120.73	125.98	125.98	123.04	121.33	120.32	119.11	119.54	119.15
Min.	119.07	119.14	119.63	119.26	119.79	122.90	121.33	120.35	118.71	118.53	118.59	118.93

WATER YEAR 1974 : Max. 125.98 m. Min. 118.53 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	29	31	94	65	131	951	340	193	106	18	30	24
2	30	34	102	72	128	942	333	192	100	19	30	24
3	31	37	109	76	124	925	328	189	95	19	32	25
4	31	41	114	75	114	900	327	189	91	18	34	24
5	31	44	114	77	102	866	334	177	87	16	37	24
6	31	45	112	77	93	836	349	166	83	14	38	23
7	31	47	112	76	88	806	361	159	79	13	39	23
8	31	49	112	69	87	773	369	148	76	14	42	23
9	31	54	109	59	88	735	372	139	67	14	46	23
10	31	61	108	51	90	704	376	132	48	14	48	23
11	31	67	110	43	89	676	376	128	34	13	50	23
12	31	71	115	39	84	653	376	125	26	11	51	23
13	31	73	119	36	75	636	372	126	23	10	47	23
14	32	75	118	37	67	627	367	131	21	12	37	23
15	34	77	118	38	68	619	364	135	19	13	26	23
16	38	78	118	38	93	614	353	136	18	15	21	22
17	38	79	115	37	181	605	343	136	18	16	16	24
18	38	81	110	36	278	595	327	140	17	16	13	28
19	35	86	105	37	335	585	316	141	17	17	12	28
20	33	97	100	37	399	575	303	141	17	17	13	28
21	32	95	97	40	463	564	291	138	17	16	15	28
22	31	94	95	46	578	549	279	134	17	16	18	28
23	32	93	83	63	695	534	267	130	17	16	21	28
24	33	93	75	90	767	513	256	125	17	20	25	26
25	36	93	67	110	812	488	244	122	17	21	27	26
26	37	94	62	126	849	460	231	119	16	23	27	26
27	36	95	59	134	884	443	220	115	15	24	26	27
28	33	96	58	139	912	416	211	110	15	25	25	28
29	30	95	57	137	929	388	202	108	15	27	–	29
30	28	94	58	134	947	359	195	108	15	29	–	30
31	–	93	–	134	951	–	193	–	15	30	–	31
Total	976	2,262	2,925	2,228	11,501	19,337	9,575	4,232	1,218	546	846	788
Mean	32.5	73.0	97.5	71.9	371	644	309	141	39.3	17.6	30.2	25.4
Max.	38	97	119	139	951	951	376	193	106	30	51	31
Min.	28	31	57	36	67	359	193	108	15	10	12	23
Runoff - mcm.	84.327	195.437	252.720	192.499	993.686	1,670.717	827.280	365.645	105.235	47.175	73.094	68.083

WATER YEAR 1974 : Max. 951 Min. 10 Mean 155 Annual Runoff 4,875.898 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.31	12.00	125.98	951				

CHI RIVER BASIN

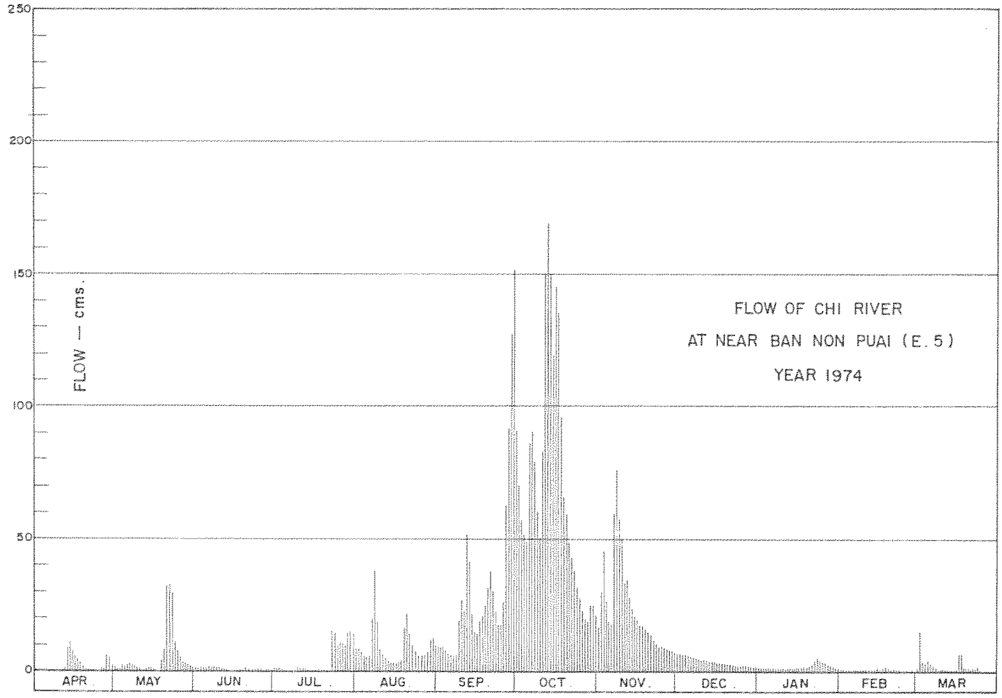
Chi River Near Ban Non Puai, Chaiyaphum (E.5)

Location:	Lat. 15°-46'-07" N., Long. 101°-49'-03" E., on left bank near Ban Non Puai about 30 meters downstream from Ban Ta Ngo, Amphoe Ban Khwao, Chaiyaphum.
Drainage Area:	4,254 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 186.070 m. (M.S.L.)
Bench Mark:	B.M. E5
Location:	infront of the camp of E5 station.
Elevation:	+ 197.543 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1969 to date.
Rating Operation:	
Period of Rating:	1969-1973.
Rated by Float:	-
Rated by Current Meter:	1969-1973.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 117 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	186.64	186.74	186.76	186.79	187.24	187.29	190.60	187.68	187.15	186.80	186.75	186.74
2	.63	.71	.74	.76	.26	.30	189.91	188.34	.13	.80	.74	187.56
3	.64	.71	.76	.80	.16	.30	.43	.93	.12	.80	.73	186.90
4	.63	.84	.75	.73	.09	.22	.19	.19	.10	.79	.73	.87
5	.61	.83	.75	.68	.05	.12	189.07	187.80	.08	.78	.73	.94
6	186.60	186.88	186.80	186.66	187.09	187.10	190.42	187.73	187.06	186.77	186.74	186.88
7	.61	.84	.79	.65	.78	.08	.60	189.48	.04	.77	.72	.84
8	.62	.81	.79	.65	188.63	.08	189.92	190.10	.02	.76	.72	.79
9	.63	.78	.75	.67	187.78	.77	.51	189.39	.00	.75	.72	.75
10	.66	.73	.75	.74	.25	188.16	.11	188.80	186.99	.75	.72	.73
11	186.65	186.69	186.73	186.74	187.10	188.00	190.32	188.45	186.98	186.77	186.71	186.71
12	.73	.69	.72	.74	.01	189.22	192.45	.52	.97	.78	.71	.70
13	187.25	.71	.70	.73	186.95	188.82	.95	.25	.96	.77	.73	.70
14	.36	.76	.69	.70	.91	187.95	.38	.05	.95	.77	.73	.71
15	.12	.71	.67	.69	.93	.59	191.52	187.90	.93	.78	.74	.70
16	186.99	186.67	186.67	186.65	186.91	187.53	192.30	187.81	186.92	186.80	186.73	186.79
17	.99	.65	.66	.64	.91	.76	.01	.73	.91	.80	.75	187.10
18	.87	.73	.65	.63	.94	.87	190.75	.66	.90	.82	.78	186.76
19	.78	186.97	.65	.63	187.66	188.08	189.78	.62	.89	.83	.73	.71
20	.71	187.21	.74	.63	.94	.36	.40	.57	.89	.84	.72	.71
21	186.68	188.39	186.73	186.62	187.58	188.60	189.09	187.52	186.87	186.87	186.70	186.72
22	.65	.45	.73	.62	.39	.38	188.86	.45	.86	.99	.70	.74
23	.64	.27	.73	187.59	.27	187.98	.63	.39	.85	187.06	.69	.78
24	.63	187.40	.72	.60	.14	.72	.41	.35	.85	186.98	.68	.70
25	.65	.17	.70	.27	.04	.70	.21	.31	.85	.92	.67	.68
26	186.72	187.00	186.69	187.36	187.08	188.13	187.98	187.28	186.84	186.90	186.67	186.67
27	.69	186.92	.69	.38	.08	189.66	.85	.25	.83	.85	.66	.65
28	187.10	.90	.70	.34	.18	190.64	.77	.22	.83	.82	.70	.63
29	.02	.85	.69	.60	.44	191.79	188.08	.20	.82	.81	-	.63
30	186.81	.81	.68	.61	.46	192.48	.07	.17	.81	.78	-	.63
31	-	186.78	-	.54	.34	-	187.87	-	.81	.77	-	.70
Mean	186.77	186.99	186.72	186.92	188.28	188.26	189.76	187.97	186.94	186.82	186.72	186.74
Max.	187.36	188.45	186.80	187.61	188.63	192.48	192.95	190.10	187.15	187.06	186.78	187.56
Min.	186.60	186.65	186.65	186.62	186.91	187.08	187.77	187.17	186.81	186.75	186.66	186.63

WATER YEAR 1974 : Max. 192.95 m. Min. 186.60 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.70	1.40	1.60	1.90	8.60	9.35	91	17	7.25	2.00	1.50	1.40
2	0.65	1.10	1.40	1.60	8.75	9.50	70	30	6.95	2.00	1.40	15
3	0.70	1.10	1.60	2.00	7.40	9.50	58	45	6.80	2.00	1.30	3.50
4	0.65	2.60	1.50	1.30	6.25	8.30	52	27	6.50	1.90	1.30	3.05
5	0.55	2.45	1.50	0.90	5.75	6.80	49	19	6.20	1.80	1.30	4.10
6	0.50	3.20	2.00	0.80	6.25	6.50	86	18	5.90	1.70	1.40	3.20
7	0.55	2.60	1.90	0.75	19	6.20	91	59	5.60	1.70	1.20	2.60
8	0.60	2.15	1.90	0.75	38	6.20	71	76	5.30	1.60	1.20	1.90
9	0.65	1.80	1.50	0.85	19	19	60	57	5.00	1.50	1.20	1.50
10	0.80	1.30	1.50	1.40	8.75	27	50	42	4.85	1.50	1.20	1.30
11	0.75	0.95	1.30	1.40	6.50	23	83	33	4.70	1.70	1.10	1.10
12	1.30	0.95	1.20	1.40	5.15	52	150	35	4.55	1.80	1.10	1.00
13	8.75	1.10	1.00	1.30	4.25	42	169	28	4.40	1.70	1.30	1.00
14	11	1.60	0.95	1.00	3.65	22	147	24	4.25	1.70	1.30	1.10
15	6.80	1.10	0.85	0.95	3.95	15	119	21	3.95	1.80	1.40	1.00
16	4.85	0.85	0.85	0.75	3.65	14	145	20	3.80	2.00	1.30	1.90
17	4.85	0.75	0.80	0.70	3.65	19	135	18	3.65	2.00	1.50	6.50
18	3.05	1.30	0.75	0.65	4.10	21	95	17	3.50	2.30	1.80	1.60
19	1.80	4.55	0.75	0.65	17	25	66	16	3.35	2.45	1.30	1.10
20	1.10	8.15	1.40	0.65	22	31	57	15	3.35	2.60	1.20	1.10
21	0.90	32	1.30	0.60	15	37	49	14	3.05	3.05	1.00	1.20
22	0.75	33	1.30	0.60	11	31	43	12	2.90	4.85	1.00	1.40
23	0.70	29	1.30	15	9.05	23	38	11	2.75	5.90	0.95	1.80
24	0.65	11	1.20	15	7.10	18	32	10	2.75	4.70	0.90	1.00
25	0.75	7.55	1.00	9.05	5.60	17	28	9.70	2.75	3.80	0.85	0.90
26	1.20	5.00	0.95	11	6.20	26	23	9.20	2.60	3.50	0.85	0.85
27	0.95	3.80	0.95	11	6.20	63	20	8.75	2.45	2.75	0.80	0.75
28	6.50	3.50	1.00	10	7.70	92	19	8.30	2.45	2.30	1.00	0.65
29	5.30	2.75	0.95	15	12	127	25	8.00	2.30	2.15	–	0.65
30	2.15	2.15	0.90	16	13	151	25	7.55	2.15	1.80	–	0.65
31	–	1.80	–	14	10	–	21	–	2.15	1.70	–	1.00
Total	70.45	172.55	37.10	138.95	304.50	957.35	2,167	715.55	128.15	74.25	33.65	65.80
Mean	2.35	5.57	1.24	4.48	9.82	31.9	69.9	23.8	4.13	2.39	1.20	2.11
Max.	11	33	2.00	16	38	151	169	76	7.25	5.90	1.80	15
Min.	0.50	0.75	0.75	0.60	3.65	6.20	19	7.55	2.15	1.50	0.80	0.65
Runoff - mcm.	6.087	14.908	3.205	12.005	26.309	82.715	187.229	61.823	11.072	6.415	2.907	56.59

WATER YEAR 1974 : Max. 169 Min. 0.50 Mean 13.3 Annual Runoff 420.362 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.13	11.00	193.00	171.00				

CHI RIVER BASIN

Huai Tat Ton at Ban Tat Ton, Chaiyaphum (E.6C)

Location: Lat. 15°-57'-36" N., Long. 102°-01'-57" E., on right bank about 5 kilometers upstream from E6A station at Ban Tat Ton, Amphoe Muang, Chaiyaphum.

Drainage Area: 300 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near the automatic gage building.
Elevation: + 6.303 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: Arighmetic mean of 5 readings.

Period of Available Gage Records: 1973 to date.

Rating Operation:

Period of Rating: 1973 to date.
Rated by Float: -
Rated by Current Meter: 1973 to date.

Stability of Channel Regimes: Fairly stable because of backwater effect, no shifting adjustment for flow computation.

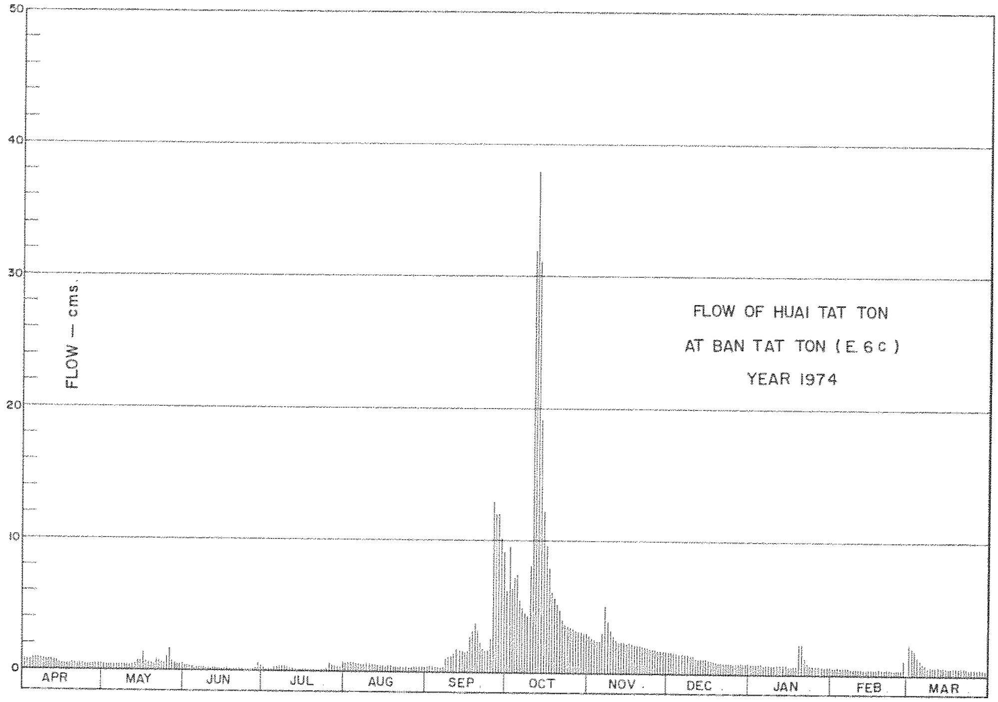
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 22 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.38	0.28	0.26	0.20	0.33	0.27	1.44	0.84	0.58	0.35	0.30	0.74
2	.37	.28	.24	.20	.36	.27	.92	.81	.58	.35	.30	.67
3	.37	.28	.23	.19	.35	.27	.44	.79	.56	.35	.30	.61
4	.38	.29	.21	.19	.33	.27	.57	.78	.55	.35	.30	.49
5	.38	.29	.20	.22	.32	.26	.62	.76	.54	.35	.29	.44
6	0.38	0.29	0.20	0.23	0.31	0.26	1.30	0.88	0.53	0.34	0.29	0.39
7	.38	.29	.20	.23	.32	.26	.19	1.28	.52	.34	.29	.33
8	.38	.28	.20	.24	.33	.42	.17	.06	.51	.34	.29	.32
9	.37	.28	.19	.24	.33	.45	.29	0.96	.50	.34	.29	.31
10	.37	.28	.19	.23	.32	.47	.68	.86	.48	.33	.29	.31
11	0.36	0.28	0.19	0.19	0.31	0.52	4.10	0.80	0.47	0.33	0.29	0.31
12	.36	.28	.19	.19	.30	.61	.63	.77	.45	.33	.28	.31
13	.35	.31	.19	.18	.29	.59	.05	.76	.44	.33	.28	.30
14	.28	.35	.19	.18	.28	.57	2.93	.75	.43	.33	.28	.29
15	.28	.34	.19	.18	.27	.55	.18	.74	.43	.32	.28	.28
16	0.28	0.49	0.19	0.17	0.26	0.57	1.93	0.73	0.42	0.32	0.28	0.28
17	.29	.33	.19	.17	.27	.82	.67	.72	.42	.32	.27	.27
18	.30	.32	.18	.17	.27	.91	.45	.71	.41	.32	.27	.27
19	.30	.31	.18	.16	.27	1.01	.37	.70	.40	.72	.27	.27
20	.30	.29	.18	.16	.26	0.92	.29	.69	.40	.71	.27	.27
21	0.30	0.36	0.16	0.15	0.26	0.71	1.20	0.68	0.39	0.49	0.27	0.27
22	.30	.37	.15	.15	.26	.61	.09	.66	.39	.38	.27	.27
23	.30	.31	.14	.15	.26	.59	.02	.65	.38	.34	.26	.27
24	.29	.30	.14	.15	.26	.59	.00	.63	.38	.34	.26	.26
25	.29	.42	.13	.22	.26	.79	0.98	.62	.37	.33	.26	.26
26	0.29	0.56	0.13	0.31	0.27	2.37	0.96	0.61	0.37	0.33	0.26	0.26
27	.29	.33	.13	.29	.27	.25	.93	.60	.36	.33	.25	.26
28	.28	.30	.20	.25	.27	.25	.92	.60	.36	.32	.45	.26
29	.28	.29	.32	.24	.27	.01	.90	.59	.36	.32	-	.25
30	.28	.28	.25	.24	.27	1.68	.89	.58	.35	.32	-	.25
31	-	.28	-	.34	-	-	.88	-	.35	.31	-	.25
Mean	0.32	0.32	0.19	0.21	0.29	0.80	1.64	0.75	0.44	0.36	0.28	0.33
Max.	0.38	0.56	0.32	0.34	0.36	2.37	4.63	1.28	0.58	0.72	0.45	0.74
Min.	0.28	0.28	0.13	0.15	0.26	0.26	0.88	0.58	0.35	0.31	0.25	0.25

WATER YEAR 1974 : Max. 4.63 m. Min. 0.15 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.92	0.54	0.48	0.30	0.72	0.51	6.18	2.80	1.72	0.80	0.60	2.36
2	0.88	0.54	0.42	0.30	0.84	0.51	9.66	2.65	1.72	0.80	0.60	2.08
3	0.88	0.54	0.39	0.28	0.80	0.51	6.18	2.56	1.64	0.80	0.60	1.84
4	0.92	0.57	0.33	0.28	0.72	0.51	7.09	2.52	1.60	0.80	0.60	1.36
5	0.92	0.57	0.30	0.36	0.68	0.48	7.44	2.44	1.56	0.80	0.57	1.16
6	0.92	0.57	0.30	0.39	0.54	0.48	5.30	3.00	1.52	0.76	0.57	0.96
7	0.92	0.57	0.30	0.39	0.68	0.48	4.64	5.18	1.48	0.76	0.57	0.72
8	0.92	0.54	0.30	0.42	0.72	1.08	4.52	3.90	1.44	0.76	0.57	0.68
9	0.88	0.54	0.28	0.42	0.72	1.20	5.24	3.40	1.40	0.76	0.57	0.64
10	0.88	0.54	0.28	0.39	0.68	1.28	7.86	2.90	1.32	0.72	0.57	0.64
11	0.84	0.54	0.28	0.28	0.64	1.48	32	2.60	1.28	0.72	0.57	0.64
12	0.84	0.54	0.28	0.28	0.60	1.84	38	2.48	1.20	0.72	0.54	0.64
13	0.80	0.64	0.28	0.26	0.57	1.76	31	2.44	1.16	0.72	0.54	0.60
14	0.54	0.80	0.28	0.26	0.54	1.68	19	2.40	1.12	0.72	0.54	0.57
15	0.54	0.76	0.28	0.26	0.51	1.60	12	2.36	1.12	0.68	0.54	0.54
16	0.54	1.36	0.28	0.24	0.48	1.68	9.74	2.32	1.08	0.68	0.54	0.54
17	0.57	0.72	0.28	0.24	0.51	2.70	7.79	2.28	1.08	0.68	0.51	0.51
18	0.60	0.68	0.26	0.24	0.51	3.15	6.25	2.24	1.04	0.68	0.51	0.51
19	0.60	0.64	0.26	0.22	0.51	3.65	5.72	2.20	1.00	2.28	0.51	0.51
20	0.60	0.57	0.26	0.22	0.48	3.20	5.24	2.16	1.00	2.24	0.51	0.51
21	0.60	0.84	0.22	0.22	0.48	2.24	4.70	2.12	0.96	1.36	0.51	0.51
22	0.60	0.88	0.20	0.20	0.48	1.84	4.05	2.04	0.96	0.92	0.51	0.51
23	0.60	0.64	0.18	0.20	0.48	1.76	3.70	2.00	0.92	0.76	0.48	0.51
24	0.57	0.60	0.18	0.20	0.48	1.76	3.60	1.92	0.92	0.76	0.48	0.48
25	0.57	1.08	0.16	0.36	0.48	2.56	3.50	1.88	0.88	0.72	0.48	0.48
26	0.57	1.64	0.16	0.64	0.51	13	3.40	1.84	0.88	0.72	0.48	0.48
27	0.57	0.72	0.16	0.57	0.51	12	3.25	1.80	0.84	0.72	0.45	0.48
28	0.54	0.60	0.30	0.45	0.51	12	3.20	1.80	0.84	0.68	1.20	0.48
29	0.54	0.57	0.68	0.42	0.51	10	3.10	1.76	0.84	0.68	–	0.45
30	0.54	0.54	0.45	0.42	0.51	7.86	3.05	1.72	0.80	0.68	–	0.45
31	–	0.54	–	0.76	0.51	–	3.00	–	0.80	0.64	–	0.45
Total	21.21	21.42	8.81	10.47	18.01	94.80	269.40	73.71	36.12	26.52	15.72	23.29
Mean	0.71	0.69	0.29	0.34	0.58	3.16	8.69	2.46	1.16	0.85	0.56	0.75
Max.	0.92	1.64	0.68	0.76	0.84	13	38	5.18	1.72	2.28	1.20	2.36
Min.	0.54	0.54	0.16	0.20	0.48	0.48	3.00	1.72	0.80	0.64	0.45	0.45
Runoff – mcm.	1.833	1.851	0.761	0.905	1.556	8.191	23.276	6.368	3.121	2.291	1.358	2.012

WATER YEAR 1974 : Max. 38 Min. 0.20 Mean 1.70 Annual Runoff 53.523 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12	6.00	4.76	40				

CHI RIVER BASIN

Chi River at Ban Tha Khon Yang, Maha Sarakham (E.8A)

Location: Lat. 16°-13'-51" N., Long. 103°-16'-29" E., on right bank at Maha Sarakham - Kalasin highway bridge, Tambon Tha Khon Yang, Amphoe Kantharawickai, Maha Sarakham.

Drainage Area: 29,802 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 133.21 m. (M.S.L.)

Bench Mark: B.M. - H.S. No. 6

Location: on right abutment of the bridge.
Elevation: + 147.91 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1955 to date.

Rating Operation:

Period of Rating: 1955-1956, 1965 to date.
Rated by Float: -
Rated by Current Meter: 1955-1956, 1965 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

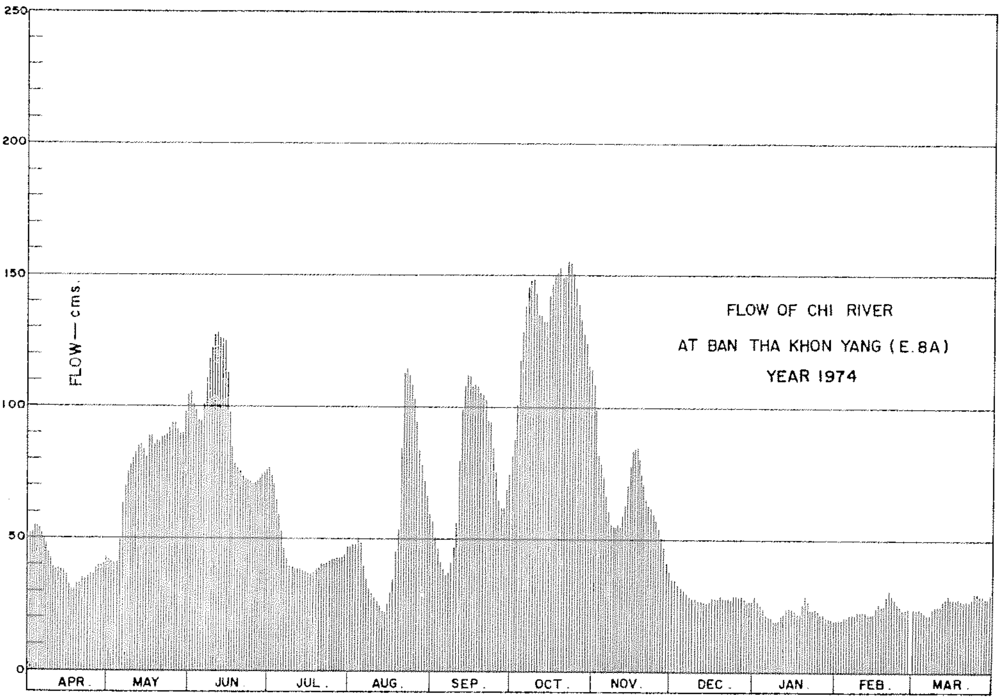
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 13 discharge measurements made in 1974. Flow regulated by Nam Phong Dam at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	134.84	134.62	135.89	135.34	134.76	134.94	135.44	135.92	134.46	134.30	134.06	134.17
2	.87	.61	.81	.29	.76	.82	.57	.68	.43	.26	.06	.16
3	.90	.59	.76	.22	.75	.72	.81	.44	.41	.22	.07	.18
4	.91	.60	.70	.11	.81	.64	136.11	.37	.38	.17	.08	.16
5	.86	.79	.67	134.92	.77	.56	.31	.25	.34	.12	.10	.14
6	134.82	135.06	135.80	134.77	134.58	134.51	136.46	135.11	134.32	134.10	134.11	134.12
7	.77	.21	.99	.70	.43	.51	.59	.00	.30	.10	.12	.12
8	.68	.31	136.11	.61	.34	.60	.64	134.91	.28	.04	.13	.18
9	.61	.37	.20	.58	.31	.74	.63	.90	.27	.04	.14	.20
10	.57	.43	.27	.56	.27	.99	.54	.92	.26	.07	.14	.21
11	134.55	135.46	136.29	134.55	134.23	135.39	136.42	134.91	134.25	134.11	134.14	134.21
12	.56	.51	.26	.55	.18	.76	.42	.98	.24	.15	.14	.24
13	.56	.52	.26	.54	.15	.93	.38	135.06	.22	.17	.13	.28
14	.52	.49	.24	.53	.15	136.01	.39	.20	.26	.17	.12	.29
15	.45	.43	.01	.52	.22	.01	.54	.37	.26	.17	.12	.28
16	134.41	135.58	135.74	134.51	134.33	135.92	136.61	135.47	134.27	134.14	134.16	134.28
17	.36	.58	.50	.51	.48	.94	.66	.50	.28	.13	.23	.28
18	.35	.53	.38	.52	.69	.92	.70	.43	.28	.13	.21	.27
19	.39	.55	.34	.55	.87	.87	.73	.33	.29	.23	.19	.26
20	.41	.55	.33	.58	135.50	.87	.65	.21	.28	.31	.30	.25
21	134.44	135.56	135.29	134.59	136.02	135.84	136.66	135.10	134.28	134.25	134.36	134.25
22	.46	.59	.27	.59	.06	.70	.75	.06	.28	.18	.31	.24
23	.48	.61	.27	.61	.00	.68	.75	.05	.27	.17	.27	.27
24	.49	.63	.25	.63	135.93	.51	.69	.00	.29	.16	.23	.32
25	.51	.67	.23	.65	.83	.30	.58	134.94	.30	.14	.20	.33
26	134.56	135.67	135.25	134.64	135.67	135.12	136.49	134.88	134.30	134.13	134.18	134.30
27	.57	.63	.26	.64	.48	.04	.39	.82	.29	.13	.17	.29
28	.57	.61	.29	.65	.37	.05	.29	.73	.27	.08	.17	.27
29	.61	.60	.30	.67	.25	.18	.21	.60	.26	.08	-	.28
30	.64	.75	.32	.70	.13	.28	.08	.51	.26	.06	-	.29
31	-	.85	-	.74	134.99	-	.03	-	.24	.06	-	.29
Mean	134.59	135.38	135.68	134.69	134.91	135.31	136.40	135.12	134.29	134.15	134.16	134.24
Max.	134.91	135.85	136.29	135.34	136.06	136.01	136.75	135.92	134.46	134.30	134.36	134.33
Min.	134:35	134.59	135.23	134.51	134.15	134.51	135.44	134.51	134.22	134.04	134.06	134.12

WATER YEAR 1974 : Max. 136.75 m. Min. 134.04 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	52	42	106	77	48	57	82	108	35	29	20	24
2	53	41	101	74	48	51	88	94	34	27	20	24
3	55	41	99	71	48	46	101	82	33	26	20	24
4	55	41	95	65	50	43	118	78	32	24	21	24
5	53	49	94	56	49	39	129	72	31	22	21	23
6	51	63	101	49	40	37	138	65	30	21	22	22
7	49	70	111	45	34	37	145	60	29	21	22	22
8	45	75	118	41	31	41	148	55	28	19	22	24
9	41	78	123	40	29	47	146	55	28	19	23	25
10	40	81	127	39	28	59	142	56	27	20	23	25
11	39	83	128	39	26	79	135	55	27	22	23	25
12	39	85	126	39	24	99	135	59	27	23	23	27
13	39	86	126	39	23	108	133	63	26	24	22	28
14	38	84	125	38	23	112	133	70	27	24	22	29
15	35	81	112	38	26	112	142	78	27	24	22	28
16	33	89	98	37	30	108	147	83	28	23	24	28
17	31	89	85	37	36	109	150	85	28	22	26	28
18	31	86	79	38	45	108	152	81	28	22	25	28
19	33	87	77	39	53	105	154	76	29	26	25	27
20	33	87	76	40	85	105	149	70	28	29	29	27
21	35	88	74	41	113	103	150	65	28	27	31	27
22	35	89	73	41	115	95	155	63	28	24	29	27
23	36	90	73	41	112	94	155	62	28	24	28	28
24	37	92	72	42	108	85	151	60	29	24	26	30
25	37	94	71	43	103	75	145	57	29	23	25	30
26	39	94	72	43	94	66	139	54	29	22	24	29
27	40	92	73	43	84	62	133	51	29	22	24	29
28	40	90	74	43	78	62	128	47	28	21	24	28
29	41	90	75	44	72	69	123	41	27	21	–	28
30	43	98	76	45	66	74	116	37	27	20	–	29
31	–	104	–	47	59	–	114	–	27	20	–	29
Total	1,228	2,459	2,840	1,414	1,780	2,287	4,178	1,982	891	715	666	826
Mean	40.9	79.3	94.7	45.6	57.4	76.2	135	66.1	28.7	23.1	23.8	26.6
Max.	55	104	128	77	115	112	155	108	35	29	31	30
Min.	31	41	71	37	23	37	82	37	26	19	20	22
Runoff – mcm.	106.099	212.458	245.376	122.170	153.792	197.597	360.979	171.245	76.982	61.776	57.542	71.366

WATER YEAR 1974 : Max. 155 Min. 19 Mean 58.3 Annual Runoff 1,837.382 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.23	18.00	136.75	155				

CHI RIVER BASIN

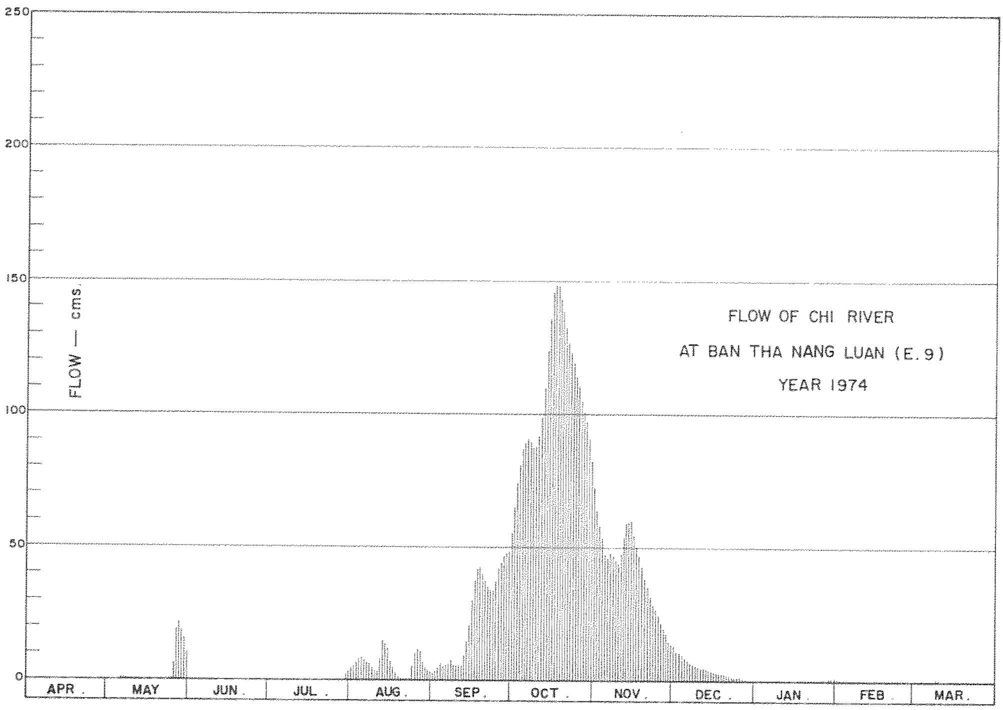
Chi River at Ban Tha Nang Luan, Khon Kaen (E.9)

Location:	Lat. 16°-05'-49" N., Long. 102°-34'-23" E., on left bank at the bridge on Mancha Khiri - Chonnabot highway about 6 kilometers from Amphoe Mancha Khiri at Ban Tha Nang Luan, Amphoe Chonnabot, Khon Kaen.
Drainage Area:	11,020 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	-
Location:	-
Elevation:	-
Gage Reading Frequency:	3-5 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 3-5 readings.
Period of Available Gage Records:	1958 to date.
Rating Operation:	
Period of Rating:	1967-1973.
Rated by Float:	-
Rated by Current Meter:	1967-1973.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 113 discharge measurements made during 1967-1973.
Remarks:	No record for periods April 1-30, and June 1-30. Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		1.19		1.28	1.88	1.65	4.62	5.39	2.44	1.36	1.48	1.06
2		.18		.27	.96	.73	5.08	.06	.37	.35	.40	.07
3		.16		.25	2.03	.90	.48	4.74	.31	.32	.36	.02
4		.17		.23	.17	2.03	.76	.42	.25	.37	.32	.00
5		.29		.21	.19	.01	6.00	.20	.19	.36	.30	0.96
6		1.46		1.17	2.11	1.98	6.11	4.13	2.14	1.37	1.29	0.96
7		.50		.12	.03	2.03	.15	.23	.08	.37	.25	.95
8		.44		.14	.05	.13	.07	.21	.04	.36	.21	1.38
9		.37		.13	1.85	.00	.01	.08	.01	.35	.19	.58
10		.30		.14	.73	1.92	.08	.04	1.95	.35	.17	.50
11		1.26		1.19	1.71	1.99	6.18	4.23	1.93	1.35	1.17	1.42
12		.25		.19	2.17	.94	.40	.57	.92	.35	.16	.34
13		.27		.15	.58	2.28	.76	.80	.88	.35	.17	.32
14		.34		.11	.56	.60	7.20	.84	.82	.34	.18	.28
15		.34		.07	.38	.90	.55	.72	.80	.33	.16	.22
16		1.37		1.04	2.08	3.25	7.75	4.54	1.76	1.33	1.12	1.14
17		.35		.16	1.83	.68	.81	.36	.72	.33	.09	.10
18		.31		.20	.64	.96	.79	.17	.72	.33	.11	.08
19		.28		.22	.54	4.00	.68	3.97	.70	.37	.10	.07
20		.27		.20	.47	3.85	.55	.77	.67	.35	.09	.03
21		1.25		1.23	1.44	3.69	7.40	3.58	1.63	1.35	1.07	1.02
22		.30		.24	.42	.59	.26	.43	.61	.34	.06	.08
23		.31		.20	.47	.54	.12	.30	.59	.33	.03	.24
24		.29		.11	.93	.56	6.99	.18	.57	.34	.02	.36
25		.28		.07	2.28	.71	.87	.09	.56	.35	.03	.30
26		1.94		1.04	2.37	3.96	6.74	2.97	1.55	1.36	1.05	1.21
27		2.80		.07	.33	4.06	.61	.85	.52	.37	.07	.15
28		.96		.05	.11	.22	.48	.73	.49	.44	.09	.09
29		.81		.14	1.93	.23	.29	.62	.46	.55		.04
30		.52		.52	.78	.32	.07	.53	.42	.58		.01
31		.18		.76	.68		5.76		.39	.53		.02
Mean		1.54		1.19	2.02	2.96	6.57	3.96	1.82	1.37	1.17	1.16
Max.		2.96		1.76	2.58	4.32	7.81	5.39	2.44	1.58	1.48	1.58
Min.		1.16		1.04	1.42	1.65	4.62	2.53	1.39	1.32	1.02	0.95

WATER YEAR 1974 : Max. 7.81 m. Min. 0.95 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1					4.80	2.50	55	72	13	0.30	0.90	
2					5.60	3.30	65	64	11	0.25	0.50	
3					6.45	5.00	74	58	11	0.10	0.30	
4					8.55	6.45	81	51	9.75	0.35	0.10	
5					8.85	6.15	87	47	8.85	0.30	0.00	
6		0.80			7.65	5.80	90	46	8.10	0.35		
7		1.00			6.45	6.45	91	48	7.20	0.35		
8		0.70			6.75	7.95	89	47	6.60	0.30		0.40
9		0.35			4.50	6.00	87	45	6.15	0.25		1.80
10					3.30	5.20	89	44	5.50	0.25		1.00
11					3.10	5.90	92	48	5.30	0.25		0.60
12					8.55	5.40	99	54	5.20	0.25		0.20
13					15	10	110	59	4.80	0.25		0.10
14		0.20			14	15	124	60	4.20	0.20		0.00
15		0.20			12	21	135	57	4.00	0.15		
16		0.35			7.20	28	146	54	3.60	0.15		
17		0.25			4.30	37	148	50	3.20	0.15		
18		0.05			2.40	42	148	46	3.20	0.15		
19				No Flow	1.40	43	143	42	3.00	0.33	No Flow	
20					0.85	40	138	38	2.70	0.25		
21					0.70	37	132	35	2.30	0.25		
22					0.60	35	126	32	2.10	0.20		
23		0.05			0.85	34	121	29	1.90	0.15		0.00
24		0.00			5.30	34	117	27	1.70	0.20		0.30
25		0.00			10	37	113	25	1.60	0.25		0.00
26		5.40			11	42	109	22	1.50	0.30		
27		19			11	44	105	20	1.20	0.35		
28		22			7.65	47	101	18	0.95	0.70		
29		19			5.30	48	96	15	0.80	1.50		
30		14		1.20	3.80	49	89	14	0.60	1.80		
31		8.70		3.60	2.80		81		0.45	1.30		
Total		92.05		4.80	190.70	709.10	3,281	1,267	141.45	11.95	1.80	4.40
Mean		2.97		0.15	6.15	23.6	106	42.2	4.56	0.38	0.06	0.14
Max.		22		3.60	15	49	148	72	13	1.80	0.90	1.80
Min.		0.00		0.00	0.60	2.50	55	14	0.45	0.10	0.00	0.00
Runoff - mcm.		7.953		0.415	16.476	61.266	283.478	109.469	12.221	1.032	0.155	0.380

WATER YEAR 1974 : Max. 148 Min. 0.00 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 17	07.00	8.66	199				

CHI RIVER BASIN

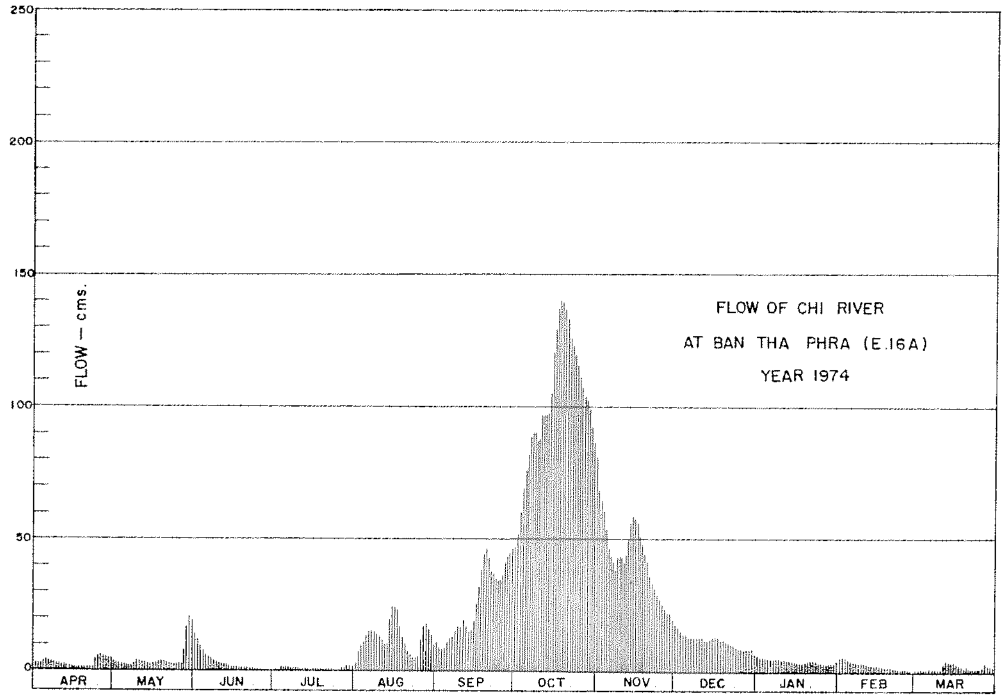
Chi River at Ban Tha Phra, Khon Kaen (E.16A)

Location:	Lat. 16°-21'-14" N., Long. 102°-48'-09" E., on left bank about 400 meters upstream from the bridge on Khon Kaen - Maha Sarakham Highway , Tambon Don Han, Amphoe Muang, Khon Kaen.
Drainage Area:	13,171 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 142.94 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near abutment of the bridge.
Elevation:	+ 154.989 m. (M.S.L.)
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:	1963, 1965 to date.
Rated by Float:	-
Rated by Current Meter:	1963, 1965 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 13 discharge measurements made in 1974. Flow regulated by Nam Phong Dam at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	143.25	143.30	143.99	142.87	143.18	143.85	145.02	145.70	144.11	143.54	143.47	142.98
2	.22	.25	.87	.87	.58	.72	.15	.54	.09	.49	.51	.98
3	.22	.22	.75	.97	.75	.67	.34	.36	.04	.47	.49	143.00
4	.26	.18	.65	143.04	.84	.69	.54	.19	.00	.46	.45	.00
5	.33	.15	.55	.07	.94	.81	.69	.06	143.97	.44	.41	142.99
6	143.32	143.11	143.47	143.10	144.01	143.90	145.80	144.94	143.93	143.43	143.39	142.99
7	.27	.08	.40	.11	.04	.92	.91	.88	.93	.41	.33	.96
8	.26	.10	.34	.09	.02	144.04	.94	.80	.91	.41	.27	.95
9	.24	.22	.29	.06	143.99	.10	.89	.92	.91	.40	.31	.95
10	.21	.31	.25	.01	.94	.08	.90	.92	.94	.40	.29	.98
11	143.19	143.33	143.21	142.96	143.86	144.18	146.05	144.86	143.93	143.40	143.26	143.23
12	.20	.29	.18	.90	.78	.11	.05	.94	.90	.39	.23	.38
13	.14	.25	.15	.93	.78	.04	.05	145.11	.90	.38	.20	.36
14	.12	.21	.12	.92	144.18	.04	.19	.24	.92	.34	.18	.32
15	.10	.18	.07	.93	.36	.20	.41	.29	.94	.33	.17	.28
16	143.08	143.20	143.07	142.97	144.34	144.40	146.57	145.25	143.94	143.30	143.16	143.25
17	.06	.24	.08	.95	.32	.60	.69	.16	.92	.28	.15	.22
18	.03	.27	.07	.93	.12	.78	.74	.05	.90	.29	.14	.17
19	.01	.28	.07	.92	143.91	.95	.73	144.94	.88	.31	.12	.10
20	.03	.28	.05	.89	.79	.99	.68	.85	.85	.35	.09	.05
21	143.10	143.25	143.04	142.84	143.66	144.92	146.60	144.74	143.82	143.39	143.05	143.01
22	.02	.22	.01	.83	.56	.74	.51	.65	.80	.36	.04	142.99
23	.05	.18	142.99	.82	.50	.75	.46	.57	.77	.33	.03	143.00
24	.38	.16	.99	.82	.45	.71	.37	.49	.75	.30	.03	142.97
25	.53	.19	.96	.80	.50	.66	.31	.45	.72	.30	.01	.96
26	143.54	143.20	142.95	142.86	143.87	144.73	146.24	144.38	143.70	143.29	142.99	143.10
27	.52	.24	.92	143.01	144.09	.86	.17	.31	.69	.24	.98	.21
28	.48	.65	.91	.06	.14	.93	.14	.29	.69	.26	.98	.20
29	.42	144.12	.91	.15	.08	.97	.07	.22	.69	.25	-	.15
30	.37	.25	.89	.14	.00	.99	145.97	.17	.64	.29	-	.10
31	-	.19	-	.11	143.80	-	.86	-	.58	.36	-	.11
Mean	143.23	143.32	144.21	142.97	143.88	144.37	146.10	144.87	143.86	143.36	143.21	143.09
Max.	143.54	144.25	143.99	143.15	144.36	144.99	146.74	145.70	144.11	143.54	143.51	143.38
Min.	143.01	143.08	142.89	142.80	143.18	143.67	145.02	144.17	143.58	143.24	142.98	142.95

WATER YEAR 1974 : Max. 146.74 ι. Min. 142.80 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.00	3.50	14	0.35	2.30	11	47	77	17	6.10	5.20	0.90
2	2.70	3.00	12	0.35	6.70	8.90	52	69	17	5.40	5.65	0.90
3	2.70	2.70	9.50	0.85	9.50	8.05	60	61	15	5.20	5.40	1.00
4	3.10	2.30	7.75	1.20	11	8.35	69	54	14	5.10	5.00	1.00
5	3.80	2.00	6.25	1.35	13	11	76	48	14	4.90	4.60	0.95
6	3.70	1.60	5.20	1.50	15	12	82	44	13	4.80	4.40	0.95
7	3.20	1.40	4.50	1.60	15	13	89	41	13	4.60	3.80	0.80
8	3.10	1.50	3.90	1.45	15	15	90	38	13	4.60	3.20	0.75
9	2.90	2.70	3.40	1.30	14	17	87	43	13	4.50	3.60	0.75
10	2.60	3.60	3.00	1.05	13	16	88	43	13	4.50	3.40	0.90
11	2.40	3.80	2.60	0.80	12	19	97	41	13	4.50	3.10	2.80
12	2.50	3.40	2.30	0.50	10	17	97	44	12	4.40	2.80	4.30
13	1.90	3.00	2.00	0.65	10	15	97	50	12	4.30	2.50	4.10
14	1.70	2.60	1.70	0.60	19	15	105	56	13	3.90	2.30	3.70
15	1.50	2.30	1.35	0.65	24	19	119	58	13	3.80	2.20	3.30
16	1.40	2.50	1.35	0.80	24	25	129	56	13	3.50	2.10	3.00
17	1.30	2.90	1.40	0.75	23	31	137	52	13	3.30	2.00	2.70
18	1.15	3.20	1.35	0.65	17	38	140	48	12	3.40	1.90	2.20
19	1.05	3.30	1.35	0.60	13	44	139	44	12	3.60	1.70	1.50
20	1.15	3.30	1.25	0.45	10	46	136	40	11	4.00	1.45	1.25
21	1.50	3.00	1.20	0.20	7.90	43	131	36	11	4.40	1.25	1.05
22	1.10	2.70	1.05	0.15	6.40	36	125	33	10	4.10	1.20	0.95
23	1.25	2.30	0.95	0.10	5.50	37	122	31	9.90	3.80	1.15	1.00
24	4.30	2.10	0.95	0.10	5.00	35	116	28	9.50	3.50	1.15	0.85
25	5.95	2.40	0.80	0.00	5.50	34	113	27	8.90	3.50	1.05	0.80
26	6.10	2.50	0.75	0.30	12	36	108	25	8.50	3.40	0.95	1.50
27	5.80	2.90	0.60	1.05	17	41	104	23	8.35	2.90	0.90	2.60
28	5.30	7.75	0.55	1.30	18	43	102	22	8.35	3.10	0.90	2.50
29	4.70	17	0.55	2.00	16	45	98	20	8.35	3.00	–	2.00
30	4.20	21	0.45	1.90	14	46	92	19	7.60	3.40	–	1.50
31	–	19	–	1.60	10	–	86	–	6.70	4.10	–	1.60
Total	87.05	137.25	94.00	26.45	393.80	785.30	3,133	1,271	363.15	127.60	74.85	54.10
Mean	2.90	4.43	3.13	0.85	12.7	26.2	101	42.4	11.7	4.12	2.67	1.74
Max.	6.10	21	14	2.00	24	46	140	77	17	6.10	5.65	4.30
Min.	1.05	1.40	0.45	0.00	2.30	8.05	47	19	6.70	2.90	0.90	0.75
Runoff – mcm.	7.521	11.858	8.122	2.285	34.024	67.850	270.691	109.814	31.376	11.025	6.467	4.674

WATER YEAR 1974 : Max. 140 Min. 0.00 Mean 17.9 Annual Runoff 565.708 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.18	18.00	146.74	140				

CHI RIVER BASIN

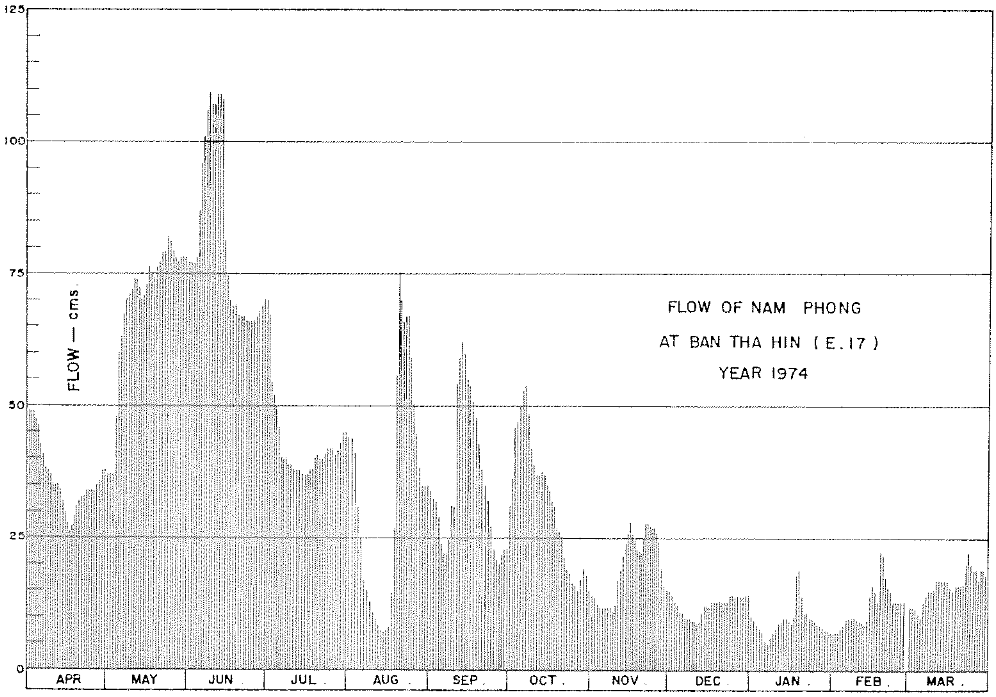
Nam Phong at Ban Tha Hin, Khon Kaen (E.17)

Location:	Lat. 16°-26'-20" N., Long. 102°-56'-52" E., on left bank about 20 meters downstream from the bridge on Khon Kaen - Yang Talat road, opposite bank of Wat Tha Hin, Amphoe Muang, Khon Kaen.
Drainage Area:	14,426 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S. No. 2
Location:	on right bank infront of Wat Tha Hin.
Elevation:	+ 10.99 m. (A.D.)
Gage Reading Frequency:	3-5 time daily readings at 06.00, 12.00, 18.00 hours on April - May, December - March and 06.00, 09.00, 12.00, 15.00 and 18.00 hours on June - November 1974.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3-5 readings.
Period of Available Gage Records:	1954 to date.
Rating Operation:	
Period of Rating:	1965-1973, 1977 to date.
Rated by Float:	-
Rated by Current Meter:	1965-1973, 1977 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 24 discharge measurements made in 1973. Flow regulated by Ubonrat Dam at above gage site.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.83	2.43	3.74	3.52	2.69	2.32	2.20	1.57	1.57	1.33	1.16	1.44
2	.84	.42	.72	.44	.68	.28	.41	.51	.52	.30	.16	.44
3	.85	.43	.73	.01	.57	.25	.73	.47	.45	.24	.18	.43
4	.78	.79	.76	2.87	.21	.13	.76	.43	.41	.19	.20	.38
5	.72	3.13	4.02	.73	.04	1.95	.86	.42	.37	.15	.25	.34
6	2.62	3.31	4.26	2.63	1.87	1.86	2.96	1.42	1.35	1.03	1.30	1.45
7	.52	.42	.40	.54	.67	.85	3.01	.41	.31	.02	.31	.54
8	.45	.51	.53	.53	.58	.97	2.80	.40	.32	.11	.34	.56
9	.42	.54	.61	.51	.48	2.22	.60	.39	.30	.15	.33	.57
10	.38	.57	.57	.50	.38	.53	.50	.44	.29	.21	.30	.57
11	2.38	3.64	4.57	2.48	1.30	3.00	2.43	1.66	1.26	1.26	1.29	1.67
12	.38	.63	.60	.46	.25	.18	.43	.75	.27	.28	.27	.67
13	.31	.59	.60	.45	.20	.28	.47	.84	.38	.31	.26	.66
14	.19	.52	.58	.43	.18	.20	.42	.96	.40	.32	.30	.64
15	.09	.54	3.84	.42	.19	.05	.37	2.04	.41	.29	.51	.64
16	2.03	3.61	3.57	2.44	1.23	3.02	2.32	2.12	1.43	1.26	1.59	1.62
17	.06	.70	.50	.45	.52	2.91	.26	.02	.46	.34	.56	.58
18	.14	.68	.50	.47	2.07	.81	.20	1.95	.47	.71	.49	.58
19	.22	.63	.48	.53	3.07	.65	.06	.91	.46	.75	.87	.61
20	.26	.69	.44	.56	3.67	.51	.04	.85	.46	.52	.87	.61
21	2.30	3.74	3.42	2.55	3.53	2.47	1.94	1.99	1.49	1.37	1.71	1.63
22	.30	.78	.42	.54	.40	.38	.83	2.10	.46	.35	.62	.76
23	.32	.80	.40	.56	.44	.24	.75	.12	.47	.32	.55	.87
24	.33	.86	.39	.60	.37	.06	.68	.07	.52	.31	.47	.79
25	.33	.85	.40	.60	.05	1.92	.63	.05	.52	.29	.46	.75
26	2.33	3.79	3.40	2.60	2.80	1.80	1.59	2.02	1.51	1.25	1.46	1.73
27	.35	.76	.42	.58	.59	.78	.56	1.94	.51	.24	.47	.67
28	.41	.72	.45	.62	.45	.88	.65	.73	.51	.21	.48	.73
29	.45	.77	.48	.63	.38	.95	.73	.62	.52	.19	-	.72
30	.45	.76	.51	.70	.35	.94	.69	.56	.51	.18	-	.69
31	-	.75	-	.72	.35	-	.61	-	.52	.17	-	.70
Mean	2.40	3.49	4.04	2.63	2.22	2.38	2.21	1.76	1.43	1.28	1.42	1.60
Max.	2.85	3.86	4.61	3.52	2.69	3.28	3.01	2.12	1.57	1.75	1.87	1.87
Min.	2.03	2.42	3.39	2.42	1.18	1.78	1.56	1.39	1.26	1.02	1.16	1.34

WATER YEAR 1974 : Max. 4.61 m. Min. 1.02 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	49	37	77	70	44	34	31	15	15	10	7.16	12
2	49	37	77	67	44	33	36	14	14	9.60	7.16	12
3	49	37	77	54	41	32	46	13	13	8.52	7.48	12
4	47	47	78	50	31	29	47	12	12	7.64	7.80	11
5	45	58	87	46	26	24	50	12	11	7.00	8.70	10
6	42	63	96	43	22	22	53	12	11	5.08	9.60	13
7	39	67	101	40	17	22	54	12	9.80	4.92	9.80	14
8	38	70	106	40	15	25	48	12	10	6.36	10	15
9	37	71	109	39	13	31	42	11	9.60	7.00	10	15
10	35	72	107	39	11	31	39	12	9.42	7.98	9.60	15
11	35	74	107	38	9.60	54	37	17	8.88	8.88	9.42	17
12	35	74	109	38	8.70	59	37	19	9.06	9.24	9.06	17
13	34	72	109	38	7.80	62	38	21	11	9.80	8.88	17
14	30	70	108	37	7.45	60	37	24	12	10	9.60	17
15	28	71	81	37	7.64	55	35	26	12	9.42	14	17
16	26	73	72	37	8.34	54	34	28	12	8.88	16	16
17	27	76	69	38	14	51	32	26	13	10	15	15
18	29	75	69	38	27	48	31	24	13	18	13	15
19	31	74	69	40	56	43	27	23	13	19	22	16
20	32	76	67	41	75	39	26	22	13	14	22	16
21	33	77	67	40	70	38	24	25	13	11	18	16
22	33	79	67	40	66	35	21	28	13	11	16	20
23	34	79	66	41	67	32	19	28	13	10	15	22
24	34	82	66	42	65	27	18	27	14	9.80	13	20
25	34	81	66	42	55	23	16	27	14	9.42	13	19
26	34	79	66	42	48	21	16	26	14	8.70	13	19
27	35	78	67	41	41	20	15	24	14	8.52	13	17
28	36	77	68	42	38	22	17	19	14	7.98	13	19
29	38	78	69	43	35	24	19	16	14	7.64	–	19
30	38	78	70	45	35	24	18	15	14	7.48	–	18
31	–	78	–	45	35	–	16	–	14	7.32	–	18
Total	1,086	2,160	2,447	1,333	1,040.53	1,074	979	590	382.76	290.18	340.26	499
Mean	36.2	69.7	81.6	43.0	33.6	35.8	31.5	19.6	12.3	9.36	12.1	16.0
Max.	49	82	109	70	75	62	54	28	15	19	22	22
Min.	26	37	66	37	7.45	20	15	11	8.88	4.92	7.16	10
Runoff - mcm.	93.830	186.624	211.421	115.171	89.902	92.794	84.585	50.976	33.070	25.071	29.398	43.114

WATER YEAR 1974 : Max. 109 Min. 4.92 Mean 33.4 Annual Runoff 1,055.057 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 9	06.00	4.62	109				

CHI RIVER BASIN

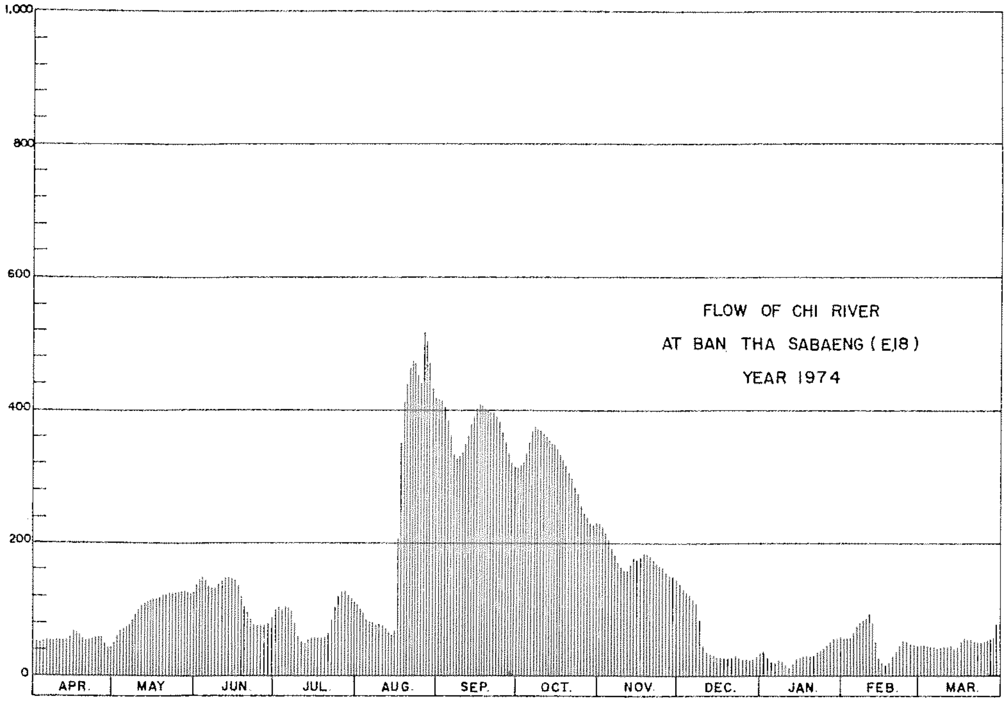
Chi River at Ban Tha Sabaeng, Roi Et (E.18)

Location:	Lat. 16^{0}-01'-59" N., Long. 103^{0}-54'-38" E., on left bank at Ban Tha Sabaeng, Amphoe Thawatchaburi, Roi Et.
Drainage Area:	41,594 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 122.244 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	beside the old staff gage.
Elevation:	+ 132.934 m. (M.S.L.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on September - March. Recording on April - August.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5, 24 hourly readings.
Period of Available Gage Records:	1954-1972, 1973 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Rather unstable, shifting adjustment is included for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 175 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	123.95	124.01	125.23	124.69	124.80	129.44	127.07	126.21	125.14	123.56	123.94	123.73
2	.95	.13	.37	.73	.71	.49	.11	.15	.06	.56	.94	.76
3	.94	.25	.39	.70	.58	.42	.17	.06	124.99	.43	.94	.73
4	.96	.33	.36	.66	.48	.24	.25	125.95	.93	.33	.94	.71
5	.98	.34	.27	.77	.44	.00	.42	.83	.88	.23	124.06	.71
6	123.99	124.36	125.21	124.75	124.44	128.73	127.61	125.72	124.83	123.18	124.25	123.71
7	.98	.44	.21	.64	.42	.47	.72	.61	.78	.22	.35	.70
8	.95	.54	.19	.46	.34	.30	.66	.49	.66	.32	.38	.67
9	124.00	.66	.27	.15	.37	.18	.67	.41	.13	.26	.40	.69
10	123.96	.75	.29	123.97	.36	.11	.66	.38	123.75	.14	.43	.68
11	123.97	124.81	125.35	123.87	124.33	128.08	127.59	125.37	123.57	123.05	124.51	123.71
12	.96	.85	.40	.84	.27	.11	.52	.40	.48	.00	.34	.74
13	.98	.89	.40	.96	.15	.16	.47	.54	.43	.10	123.94	.73
14	124.10	.92	.39	124.04	.08	.23	.45	.59	.39	.28	.59	.60
15	.15	.93	.39	.03	.32	.31	.44	.58	.35	.37	.34	.64
16	124.18	124.95	125.34	124.02	125.52	128.33	127.35	125.58	123.34	123.40	123.21	123.82
17	.14	.98	.23	.02	127.09	.29	.25	.65	.34	.41	.14	.90
18	.07	.98	.05	.02	.62	.21	.18	.68	.35	.42	.11	.92
19	.00	125.00	124.87	.03	.91	.18	.10	.67	.34	.42	.24	.91
20	123.96	.08	.76	.05	128.14	.14	.02	.63	.32	.47	.42	.89
21	123.96	125.07	124.58	124.20	128.38	128.11	126.95	125.58	123.34	123.44	123.52	123.87
22	124.00	.08	.47	.38	.53	.05	.83	.51	.40	.54	.68	.85
23	.07	.08	.42	.70	.57	127.98	.72	.45	.36	.59	.82	.84
24	.13	.09	.40	.92	.51	.86	.60	.43	.33	.58	.87	.84
25	.16	.10	.37	125.01	.44	.74	.46	.39	.31	.64	.85	.83
26	124.12	125.12	124.36	125.09	128.98	127.59	126.35	125.33	123.30	123.74	123.81	123.88
27	123.96	.14	.34	.10	129.50	.47	.30	.25	.29	.86	.78	.91
28	.80	.12	.35	.02	.56	.34	.24	.24	.31	.88	.75	.93
29	.81	.09	.45	124.94	.47	.21	.16	.26	.31	.93	-	.99
30	.86	.07	.59	.90	.44	.10	.18	.22	.34	.95	-	124.01
31	-	.10	-	.86	.40	-	.21	-	.50	.95	-	.04
Mean	124.00	124.81	124.97	124.43	126.48	128.22	127.05	125.57	123.80	123.45	123.85	123.80
Max.	124.18	125.14	125.40	125.10	129.56	129.49	127.72	126.21	125.14	123.95	124.51	124.04
Min.	123.80	124.01	124.34	123.84	124.08	127.10	126.16	125.22	123.29	123.00	123.11	123.60

WATER YEAR 1975 : Max. 129.56 m. Min. 123.00 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	53	52	133	99	107	415	311	229	139	38	57	46
2	53	59	145	102	101	413	315	224	133	38	57	48
3	53	66	146	100	92	406	321	216	127	31	57	46
4	54	71	144	97	85	388	329	206	123	26	57	45
5	55	71	137	105	82	367	346	195	120	22	64	45
6	55	73	132	104	82	347	365	185	116	20	76	45
7	55	78	132	95	81	328	376	177	113	21	83	45
8	53	85	130	83	75	324	370	167	104	26	85	43
9	56	93	137	64	77	330	371	161	68	23	86	44
10	54	99	138	53	76	337	370	158	47	18	88	44
11	54	104	143	48	74	348	363	157	38	14	94	45
12	54	106	147	47	70	360	356	160	34	13	82	47
13	55	109	147	53	64	375	351	171	31	16	57	46
14	62	111	146	57	59	389	349	175	29	24	39	40
15	65	112	146	56	88	401	348	174	27	28	27	42
16	67	113	142	56	185	407	339	174	27	30	21	51
17	64	116	133	56	289	406	329	180	27	30	18	55
18	60	116	120	56	392	400	322	182	27	31	17	56
19	56	117	108	56	420	398	314	181	27	31	22	55
20	54	123	100	58	441	396	306	178	26	30	31	54
21	54	122	88	67	463	395	299	174	27	32	36	53
22	54	123	80	78	473	391	287	169	30	37	44	52
23	57	123	76	100	468	387	276	164	28	39	51	52
24	60	123	75	116	452	378	264	162	26	39	53	52
25	61	124	74	122	434	366	252	159	25	42	52	51
26	58	125	75	127	479	351	242	154	25	47	50	54
27	50	127	75	128	515	340	237	148	24	53	49	55
28	42	125	76	123	488	328	232	147	25	54	47	56
29	42	123	83	117	442	317	225	149	25	56	–	60
30	45	122	92	114	428	314	227	145	25	58	–	61
31	–	124	–	111	415	–	229	–	35	58	–	63
Total	1,655	3,235	3,500	2,649	7,997	11,102	9,621	5,221	1,678	1,025	1,500	1,551
Mean	55.2	104	117	85.4	258	370	310	174	64.1	33.1	53.6	50.0
Max.	67	127	147	128	515	415	376	229	139	58	94	63
Min.	42	52	75	47	59	314	225	145	24	13	17	40
Runoff – mcm.	142.992	279.504	302.400	228.874	690.941	959.213	831.254	451.095	144.979	88.560	129.600	134.006

WATER YEAR 1974 : Max. 515 Min. 13 Mean 139 Annual Runoff 4,383.418 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.28	06.00	131.33	520				

CHI RIVER BASIN

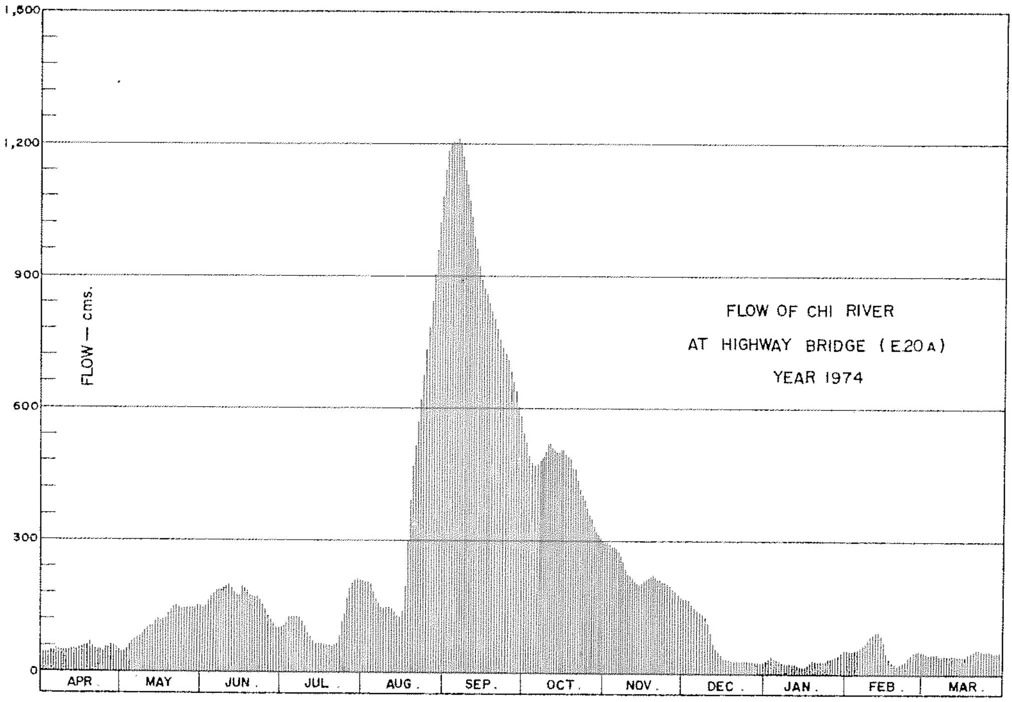
ChiRiver at Highway Bridge, Yasothon (E.20A)

Location:	Lat. 15°-31'-59" N., Long. 104°-15'-24" E., on right bank about 800 meters upstream from E20 station, Amphoe Maha Chana Chai, Yasothon.
Drainage Area:	47,818 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 112.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	infront of police station.
Elevation:	+ 131.297 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 92 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	115.01	115.05	116.20	115.74	116.76	121.93	119.38	117.53	116.42	114.81	115.16	115.08
2	.02	.09	.22	.80	.75	122.01	.19	.51	.37	.87	.16	.07
3	.05	.14	.32	.87	.75	.04	.03	.46	.32	.93	.16	.04
4	.08	.25	.42	.97	.67	.04	118.91	.44	.25	.92	.16	.04
5	.09	.34	.47	.99	.55	.04	.87	.42	.19	.90	.18	.04
6	115.12	115.42	116.48	116.00	116.41	122.05	118.89	117.34	116.15	114.82	115.19	115.01
7	.12	.45	.52	.00	.28	.03	.96	.24	.10	.76	.27	114.98
8	.13	.49	.57	115.97	.21	121.96	119.01	.10	.05	.73	.33	.97
9	.13	.54	.56	.88	.20	.88	.07	116.96	115.98	.73	.46	.98
10	.13	.65	.56	.77	.22	.80	.20	.91	.89	.75	.51	.97
11	115.13	115.73	116.54	115.62	116.23	121.71	119.17	116.81	115.60	114.72	115.56	114.97
12	.14	.77	.54	.49	.19	.59	.18	.77	.34	.68	.62	.96
13	.15	.82	.56	.39	.11	.50	.16	.74	.20	.63	.63	.96
14	.14	.85	.60	.34	.02	.38	.16	.71	.09	.58	.53	.98
15	.17	.87	.61	.32	115.99	.27	.13	.72	.00	.59	.33	.98
16	115.21	115.90	116.63	115.33	116.16	121.22	119.10	116.77	114.92	114.62	115.09	114.95
17	.24	.93	.59	.32	.63	.11	.03	.80	.88	.74	114.89	.93
18	.27	.95	.53	.29	117.53	.01	118.94	.83	.86	.77	.82	115.01
19	.28	116.04	.46	.28	118.28	120.99	.83	.87	.85	.83	.75	.09
20	.23	.14	.43	.26	.83	.93	.75	.84	.84	.83	.65	.14
21	115.16	116.22	116.42	115.27	119.20	120.84	118.62	116.80	114.83	114.81	114.69	115.17
22	.12	.23	.43	.34	.54	.73	.48	.77	.82	.81	.76	.17
23	.09	.20	.36	.52	.90	.63	.36	.75	.82	.81	.85	.15
24	.10	.18	.24	.89	120.26	.55	.26	.71	.84	.85	.93	.12
25	.17	.17	.12	116.11	.57	.48	.13	.65	.84	.90	115.02	.12
26	115.20	116.20	115.98	116.38	120.85	120.32	118.00	116.60	114.82	114.90	115.09	115.12
27	.22	.18	.88	.59	121.10	.20	117.78	.56	.80	.93	.11	.09
28	.22	.18	.84	.70	.33	.05	.76	.51	.80	.97	.12	.06
29	.18	.20	.75	.77	.51	119.80	.65	.43	.78	115.06	-	.09
30	.09	.24	.72	.77	.69	.61	.57	.40	.78	.11	-	.11
31	-	.24	-	.77	.82	-	.51	-	.79	.15	-	.14
Mean	115.15	115.83	116.35	115.83	118.08	121.19	118.68	116.90	115.33	114.82	115.14	115.05
Max.	115.28	116.24	116.63	116.77	121.82	122.05	119.38	117.53	116.42	115.15	115.63	115.17
Min.	115.01	115.05	115.72	115.26	115.99	119.61	117.51	116.40	114.78	114.58	114.65	114.93

WATER YEAR 1974 : Max. 122.05 m. Min. 114.58 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	45	47	150	105	212	*1,136	*543	302	174	31	56	50
2	45	50	152	110	210	*1,182	*516	299	169	35	56	49
3	47	54	163	117	210	*1,203	*494	293	163	39	56	47
4	50	63	174	127	202	*1,203	*478	291	155	38	56	47
5	50	70	180	129	188	*1,203	*472	288	149	37	57	47
6	53	77	181	130	173	*1,210	*475	279	145	31	58	45
7	53	79	185	130	159	*1,196	*484	267	140	28	65	43
8	53	82	191	127	151	*1,153	*491	250	135	26	70	42
9	53	87	190	118	150	*1,109	*499	234	128	26	80	43
10	53	96	190	107	152	*1,068	*518	228	119	27	84	42
11	53	104	187	94	153	*1,029	*514	217	92	25	88	42
12	54	107	187	82	149	*983	*515	213	70	23	94	41
13	55	112	190	74	141	*952	*512	209	59	20	95	41
14	54	115	194	90	132	*915	*512	206	50	17	86	43
15	57	117	195	69	129	*885	*508	207	44	17	69	43
16	60	120	197	69	146	*872	*504	213	38	19	50	40
17	62	123	193	69	197	*844	*494	216	36	26	36	39
18	65	125	186	66	302	*820	*482	219	34	28	31	45
19	65	134	179	65	*395	*815	*467	224	33	32	27	50
20	61	144	175	64	*467	*802	*466	220	33	32	21	54
21	56	152	174	65	*518	*782	*440	216	32	31	23	57
22	53	153	175	70	*566	*758	*421	213	31	31	28	57
23	50	150	168	85	*618	*738	*406	210	31	31	33	55
24	51	148	154	119	*673	*723	*393	206	33	33	39	53
25	57	147	142	141	*727	*711	*376	199	33	37	45	53
26	59	150	128	170	*784	*683	359	194	31	37	50	53
27	61	148	118	193	*841	*664	332	190	30	39	52	50
28	61	148	114	205	*901	*640	329	184	30	42	53	48
29	57	150	105	213	*955	*603	316	175	29	48	–	50
30	50	154	103	213	*1,021	*576	306	172	29	52	–	52
31	–	154	–	213	1,078	–	299	–	29	55	–	54
Total	1,643	3,560	5,020	3,609	12,700	27,458	13,921	6,834	2,304	993	1,558	1,475
Mean	54.8	115	167	116	410	915	449	228	74.3	32.0	55.6	47.6
Max.	65	154	197	213	1,078	1,210	543	302	174	55	95	57
Min.	45	47	103	64	129	576	299	172	29	17	21	39
Runoff – mcm.	141.955	307.584	433.728	311.818	1,097.280	2,372.371	1,202.774	590.458	199.066	85.795	134.611	127.440

WATER YEAR 1974 : Max. 1,210 Min. 17 Mean 222 Annual Runoff 7,004.880 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 6	06.00	122.05	1,210				

CHI RIVER BASIN

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

Location: Lat. 15°-45'-07" N., Long. 102°-15'-24" E., on left bank about 75 meters upstream from the bridge at Ban Kaeng Ko, Amphoe Muang, Chaiyaphum.

Drainage Area: 8,912 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. – H.S. E21

Location: infront of the ladder of automatic gage building.
Elevation: + 9.433 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1955–1957, 1967 to date.

Rating Operation:

Period of Rating: 1968–1971, 1973–1974.
Rated by Float: –
Rated by Current Meter: 1968–1971, 1973–1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

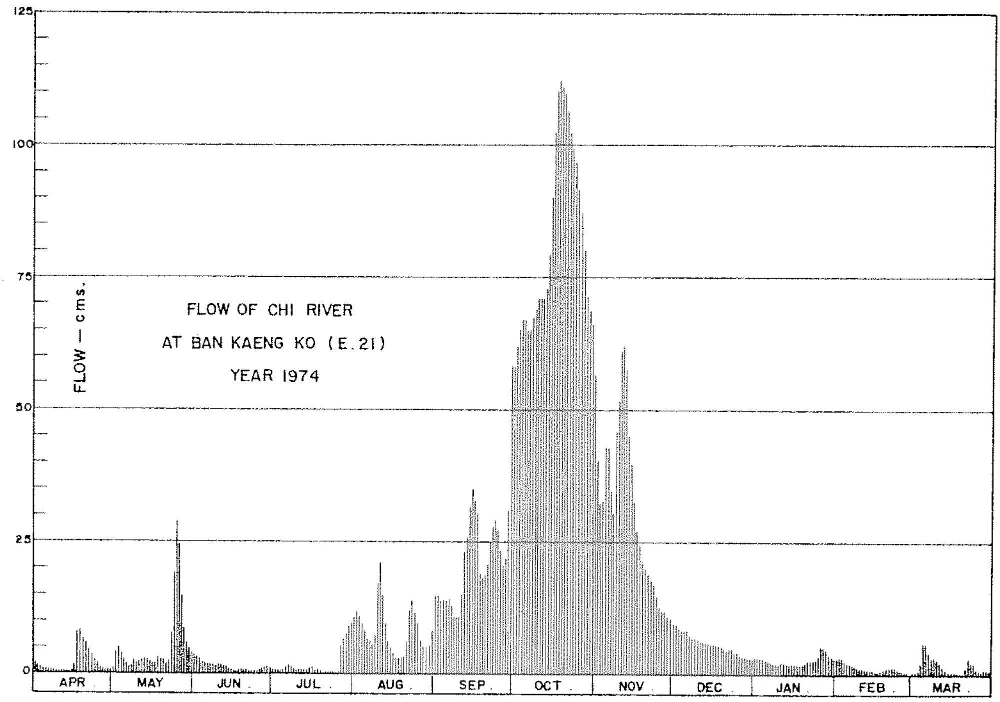
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 19 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.35	1.32	1.44	1.30	1.73	1.84	2.67	2.52	1.69	1.42	1.41	1.27
2	.34	.46	.42	.30	.78	.84	.92	.38	.68	.41	.43	.27
3	.32	.51	.40	.29	.73	.83	3.16	.25	.66	.41	.41	.30
4	.30	.46	.36	.29	.67	.83	.32	.27	.65	.40	.39	.37
5	.30	.39	.34	.30	.64	.83	.28	.43	.64	.39	.38	.57
6	1.29	1.35	1.34	1.33	1.60	1.83	3.18	2.43	1.61	1.38	1.37	1.56
7	.28	.33	.34	.34	.56	.80	.17	.28	.60	.37	.36	.45
8	.26	.35	.33	.33	.52	.75	.32	.21	.60	.36	.34	.43
9	.25	.38	.33	.30	.62	.74	.47	.48	.58	.37	.33	.43
10	.25	.37	.34	.29	.91	.73	.55	.77	.58	.36	.33	.41
11	1.26	1.38	1.34	1.31	1.99	1.86	3.57	2.90	1.58	1.37	1.32	1.37
12	.26	.39	.33	.30	.86	2.04	.57	.80	.57	.37	.31	.34
13	.25	.39	.32	.29	.68	.11	.66	.60	.56	.36	.32	.32
14	.25	.40	.31	.29	.55	.23	.93	.46	.55	.36	.31	.31
15	.26	.37	.29	.32	.49	.30	4.42	.34	.54	.36	.31	.30
16	1.33	1.35	1.28	1.33	1.45	2.25	4.84	2.22	1.54	1.35	1.30	1.29
17	.62	.36	.28	.29	.42	.10	5.09	.13	.53	.35	.30	.28
18	.65	.40	.28	.28	.41	1.96	.17	.06	.52	.36	.31	.27
19	.59	.41	.28	.27	.42	.93	.15	.01	.51	.36	.32	.25
20	.55	.39	.27	.24	.42	.95	.08	1.97	.49	.37	.32	.25
21	1.52	1.36	1.27	1.24	1.57	2.01	4.97	1.94	1.48	1.39	1.32	1.33
22	.46	.34	.27	.24	.78	.09	.85	.92	.49	.40	.34	.41
23	.41	.62	.27	.23	.83	.16	.74	.89	.49	.40	.34	.38
24	.38	.94	.27	.23	.77	.18	.63	.85	.46	.41	.32	.35
25	.33	2.18	.28	.21	.70	.14	.48	.82	.45	.45	.30	.31
26	1.31	2.07	1.29	1.25	1.59	2.05	4.31	1.78	1.44	1.52	1.29	1.31
27	.30	1.85	.31	.53	.52	1.98	.08	.76	.43	.52	.27	.30
28	.29	.65	.32	.59	.52	2.02	3.76	.74	.43	.49	.27	.31
29	.28	.55	.33	.62	.51	.22	.41	.72	.42	.45	–	.31
30	.28	.50	.31	.67	.52	.67	.02	.70	.41	.43	–	.30
31	–	.46	–	.69	.64	–	2.72	–	.41	.41	–	.28
Mean	1.35	1.49	1.32	1.34	1.62	2.01	3.92	2.19	1.53	1.40	1.33	1.34
Max.	1.65	2.18	1.44	1.69	1.99	2.67	5.17	2.90	1.69	1.52	1.43	1.57
Min.	1.25	1.32	1.27	1.21	1.41	1.73	2.67	1.70	1.41	1.35	1.27	1.25

WATER YEAR 1974 : Max. 5.17 m. Min. 1.21 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.00	1.40	3.80	1.00	11	15	58	48	9.70	3.40	3.20	0.70
2	1.80	4.20	3.40	1.00	12	15	62	40	9.40	3.20	3.60	0.70
3	1.40	5.20	3.00	0.90	11	14	65	32	8.80	3.20	3.20	1.00
4	1.00	4.20	2.20	0.90	9.10	14	67	33	8.50	3.00	2.80	2.40
5	1.00	2.80	1.80	1.00	8.20	14	67	43	8.20	2.80	2.60	6.40
6	0.90	2.00	1.80	1.60	7.00	14	65	43	7.30	2.60	2.40	6.20
7	0.80	1.60	1.80	1.80	6.20	13	65	34	7.00	2.40	2.20	4.00
8	0.60	2.00	1.60	1.60	5.40	11	67	30	7.00	2.20	1.80	3.60
9	0.50	2.60	1.60	1.00	7.60	11	69	46	6.60	2.40	1.60	3.60
10	0.50	2.40	1.80	0.90	17	11	71	61	6.60	2.20	1.60	3.20
11	0.60	2.60	1.80	1.20	21	15	71	62	6.60	2.40	1.40	2.40
12	0.60	2.80	1.60	1.00	15	23	71	61	6.40	2.40	1.20	1.80
13	0.50	2.80	1.40	0.90	9.40	26	73	53	6.20	2.20	1.40	1.40
14	0.50	3.00	1.20	0.90	6.00	31	79	45	6.00	2.20	1.20	1.20
15	0.60	2.40	0.90	1.40	4.80	35	90	37	5.80	2.20	1.20	1.00
16	1.60	2.00	0.80	1.60	4.00	32	102	31	5.80	2.00	1.00	0.90
17	7.60	2.20	0.80	0.90	3.40	25	110	27	5.60	2.00	1.00	0.80
18	8.50	3.00	0.80	0.80	3.20	19	112	24	5.40	2.20	1.20	0.70
19	6.80	3.20	0.80	0.70	3.40	18	111	21	5.20	2.20	1.40	0.50
20	6.00	2.80	0.70	0.40	3.40	19	109	20	4.80	2.40	1.40	0.50
21	5.40	2.20	0.70	0.40	6.40	21	106	19	4.60	2.80	1.40	1.60
22	4.20	1.80	0.70	0.40	12	25	102	18	4.80	3.00	1.80	3.20
23	3.20	7.60	0.70	0.30	14	28	99	17	4.80	3.00	1.80	2.60
24	2.60	19	0.70	0.30	12	29	96	15	4.20	3.20	1.40	2.00
25	1.60	29	0.80	0.10	10	27	91	14	4.00	4.00	1.00	1.20
26	1.20	24	0.90	0.50	6.80	23	87	12	3.80	5.40	0.90	1.20
27	1.00	15	1.20	5.60	5.40	20	82	12	3.60	5.40	0.70	1.00
28	0.90	8.50	1.40	6.80	5.40	22	75	11	3.60	4.80	0.70	1.20
29	0.80	6.00	1.60	7.60	5.20	31	69	11	3.40	4.00	–	1.20
30	0.80	5.00	1.20	9.10	5.40	58	63	10	3.20	3.60	–	1.00
31	–	4.20	–	9.70	8.20	–	60	–	3.20	3.20	–	0.80
Total	65.50	177.50	43.50	62.30	258.90	659	2,514	930	180.10	92.00	47.10	60.00
Mean	2.18	5.72	1.45	2.01	8.35	22.0	81.1	31.0	5.81	2.97	1.68	1.93
Max.	8.50	29	3.80	9.70	21	58	112	62	9.70	5.40	3.60	6.40
Min.	0.50	1.40	0.70	0.10	3.20	11	58	10	3.20	2.00	0.70	0.50
Runoff – mcm.	5.659	15.336	3.758	5.383	22.369	56.938	217.210	80.352	15.561	7.949	4.069	5.184

WATER YEAR 1974 : Max. 112 Min. 0.10 Mean 13.9 Annual Runoff 439.767 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 18	12.00	5.18	112				

CHI RIVER BASIN

Nam Phong at Nam Phong Weir, Khon Kaen (E.22A)

Location: Lat. 16°-43'-29" N., Long. 102°-48'-21" E., on left bank about 500 meters downstream from Khon Kaen - Udon highway bridge, Amphoe Nam Phong, Khon Kaen.

Drainage Area: 13,183 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 150.92 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near the ladder of automatic gage building.
Elevation: + 161.766 m. (M.S.L.)

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: 1965 to date.

Rating Operation:

Period of Rating: 1966 to date.
Rated by Float: -
Rated by Current Meter: 1966 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

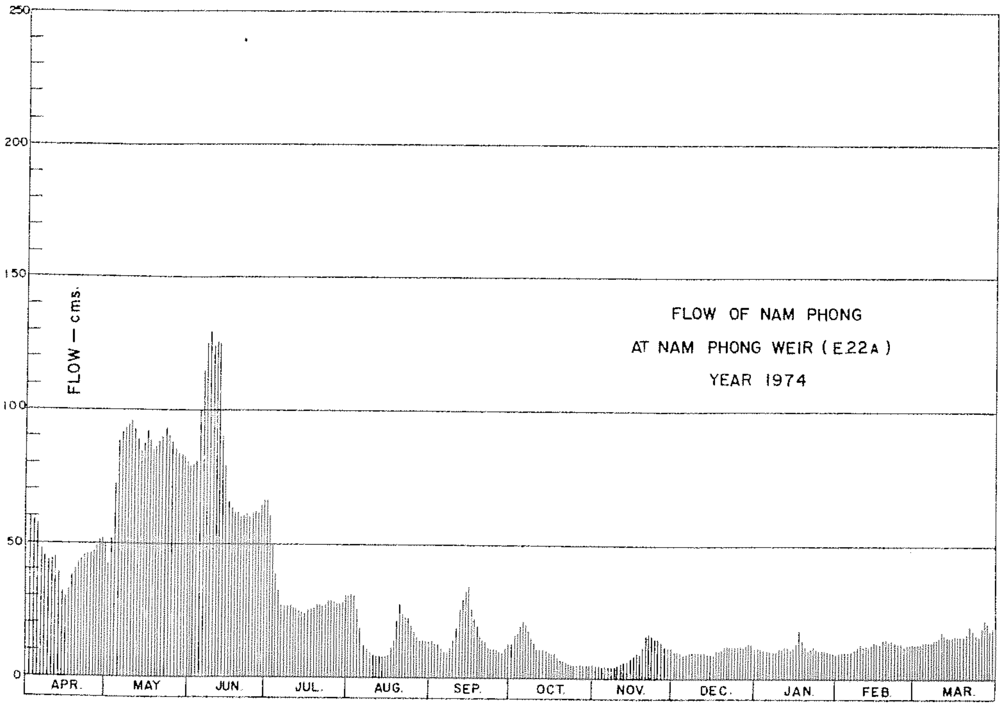
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 12 discharge measurements made in 1974. Flow regulated by Ubonrat Dam at above gage site.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	155.56	155.19	156.07	155.58	154.56	153.76	153.77	153.15	153.55	153.62	153.56	153.74
2	.52	.28	.08	.10	.56	.72	.94	.13	.53	.63	.58	.71
3	.48	.85	.12	154.83	.35	.69	.93	.13	.52	.61	.56	.72
4	.45	156.16	.59	.67	153.92	.58	154.08	.13	.45	.61	.56	.77
5	.26	.32	.54	.47	.70	.55	.15	.13	.47	.57	.56	.75
6	155.14	156.41	157.00	154.41	153.67	153.50	154.05	153.13	153.49	153.56	153.56	153.76
7	.08	.44	.20	.41	.57	.59	153.91	.13	.56	.56	.59	.77
8	.04	.45	.29	.39	.54	.70	.75	.13	.53	.54	.64	.82
9	.02	.47	.18	.38	.49	.80	.69	.13	.54	.57	.69	.83
10	.05	.51	.17	.36	.44	154.12	.58	.19	.56	.58	.64	.90
11	155.06	156.43	157.20	154.34	153.45	154.34	153.58	153.22	153.54	153.61	153.66	153.99
12	154.89	.35	.18	.33	.42	.47	.60	.25	.53	.63	.69	.87
13	.71	.20	156.40	.31	.42	.62	.55	.28	.55	.63	.66	.86
14	.58	.26	.03	.28	.44	.69	.53	.31	.48	.61	.73	.87
15	.54	.30	155.69	.33	.46	.46	.50	.38	.48	.64	.78	.89
16	154.69	156.40	155.68	154.34	153.67	154.27	153.50	153.46	153.49	153.69	153.73	153.92
17	.81	.29	.61	.34	.78	.07	.50	.51	.59	154.03	.73	.90
18	.90	.22	.58	.38	154.18	153.94	.33	.46	.59	153.82	.80	.90
19	155.00	.27	.59	.44	.44	.80	.31	.68	.61	.69	.84	.88
20	.03	.30	.53	.41	.27	.77	.25	.82	.66	.68	.78	.86
21	155.06	156.35	155.55	154.40	154.23	153.63	153.24	153.91	153.63	153.62	153.81	154.08
22	.08	.38	.58	.43	.23	.61	.22	.90	.64	.64	.78	153.98
23	.08	.42	.54	.47	.15	.61	.18	.81	.66	.63	.79	.94
24	.10	.35	.52	.47	153.96	.61	.17	.81	.68	.62	.70	.88
25	.12	.29	.57	.46	.86	.59	.15	.85	.67	.59	.72	.90
26	155.15	156.24	155.57	154.44	153.85	153.53	153.17	153.76	153.66	153.58	153.68	154.04
27	.26	.19	.59	.44	.77	.52	.17	.63	.68	.57	.69	.16
28	.28	.19	.68	.40	.75	.68	.17	.62	.70	.56	.72	.13
29	.27	.17	.72	.58	.76	.69	.17	.61	.71	.54	-	153.93
30	.23	.16	.72	.58	.77	.71	.17	.60	.71	.53	-	154.05
31	-	.10	-	.56	.77	-	.17	-	.67	.50	-	153.97
Mean	155.08	156.22	156.12	154.49	153.85	153.85	153.50	153.44	153.58	153.62	153.69	153.89
Max.	155.56	156.51	157.29	155.58	154.56	154.69	154.15	153.91	153.71	154.03	153.84	154.16
Min.	154.54	155.19	155.52	154.28	153.42	153.50	153.15	153.13	153.45	153.50	153.56	153.71

WATER YEAR 1974 : Max. 157.29 m. Min. 153.13 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	61	42	79	62	31	14	14	4.80	10	11	10	13
2	60	52	80	46	31	13	17	4.56	10	12	11	13
3	59	71	81	38	26	13	17	4.56	9.84	11	10	13
4	58	83	99	34	17	11	20	4.56	8.75	11	10	14
5	51	89	97	29	13	10	21	4.56	9.05	11	10	14
6	47	92	117	27	12	9.50	19	4.56	9.35	10	10	14
7	46	93	126	27	11	11	17	4.56	10	10	11	14
8	44	94	130	27	10	13	14	4.56	10	10	12	15
9	44	95	125	27	9.35	15	13	4.56	10	11	13	15
10	45	96	124	26	8.60	21	11	5.28	10	11	12	16
11	45	93	126	26	8.75	26	11	5.64	10	11	12	18
12	40	90	125	25	8.30	29	11	6.00	10	12	13	16
13	35	84	92	25	8.30	32	10	6.36	10	12	12	16
14	31	87	78	24	8.60	34	10	6.74	9.20	11	13	16
15	30	88	66	25	8.90	28	9.50	7.72	9.20	12	14	16
16	34	92	66	26	12	24	9.50	8.90	9.35	13	13	17
17	38	88	63	26	14	20	9.50	9.67	11	19	13	16
18	40	85	62	27	22	17	7.02	8.90	11	15	15	16
19	43	87	62	28	28	15	6.74	12	11	13	15	16
20	44	88	60	27	24	14	6.00	15	12	12	14	16
21	45	90	61	27	23	12	5.88	17	12	11	15	20
22	46	91	62	28	23	11	5.64	16	12	12	14	18
23	46	93	61	29	21	11	5.16	15	12	12	14	17
24	46	90	60	29	18	11	5.04	15	12	11	13	16
25	47	88	62	28	16	11	4.80	15	12	11	13	16
26	48	86	62	28	15	10	5.04	14	12	11	12	19
27	51	84	62	28	14	9.84	5.04	12	12	11	13	22
28	52	84	66	27	14	12	5.04	11	13	10	13	21
29	52	83	67	31	14	13	5.04	11	13	10	–	17
30	50	83	67	31	14	13	5.04	11	13	10	–	19
31	–	81	–	31	14	–	5.04	–	12	9.50	–	18
Total	1,378	2,642	2,488	919	497.80	483.34	310.02	270.49	334.74	356.50	350	507
Mean	45.9	85.2	82.9	29.6	16.0	16.1	10.0	9.02	10.8	11.5	12.5	16.3
Max.	61	96	130	62	31	34	21	17	13	19	15	22
Min.	30	42	60	24	8.30	9.50	4.80	4.56	8.75	9.50	10	13
Runoff - mcm.	119.059	228.269	214.963	79.402	43.010	41.760	26.786	23.370	28.921	30.802	30.240	43.805

WATER YEAR 1974 : Max. 130 Min. 4.56 Mean 28.9 Annual Runoff 910.387 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 12	02.00	157.36	133				

CHI RIVER BASIN

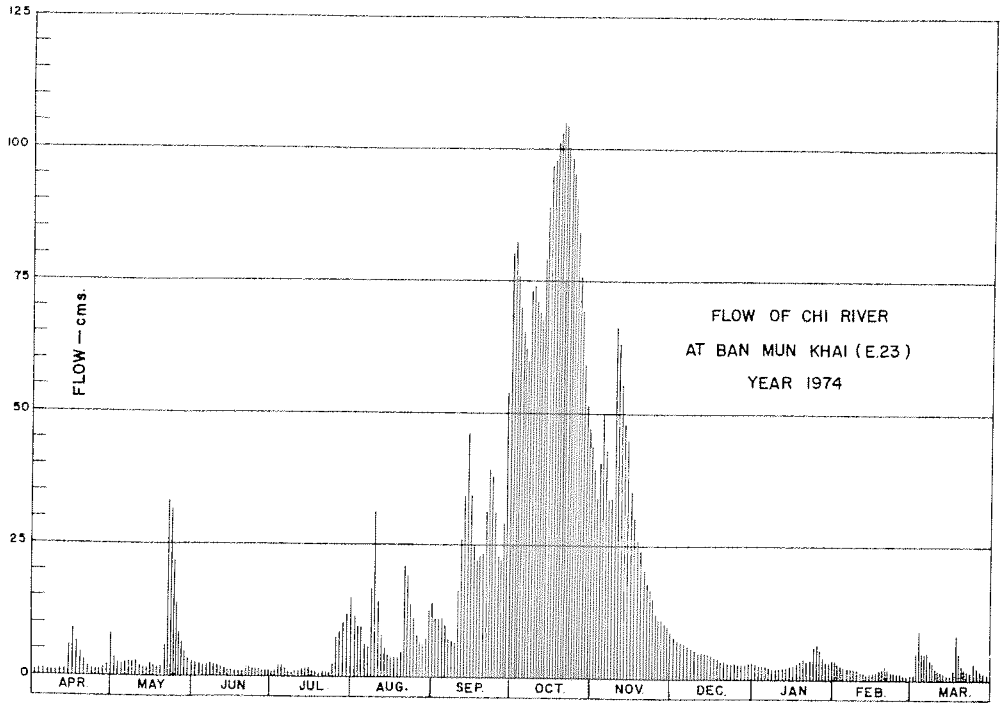
Chi River at Ban Mun Khai, Chaiyaphum (E.23)

Location:	Lat. 15°-40'-49" N., Long. 102°-00'-47" E., on left bank at highway bridge, Ban Mun Khai, Amphoe Muang, Chaiyaphum.
Drainage Area:	6,835 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 174.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 181.981 m. (M.S.L.)
Gage Reading Frequency:	Recording.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1954-1956, 1967 to date.
Rating Operation:	
Period of Rating:	1968-1974.
Rated by Float:	-
Rated by Current Meter:	1968-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 180.60 m. (M.S.L.) and is included.
General Description:	Records good. Stage-discharge relation defined by 23 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	174.96	175.46	175.20	174.96	176.39	176.17	180.57	178.13	175.85	175.26	175.37	174.98
2	.95	.29	.16	.95	.11	.10	.27	177.80	.81	.24	.27	175.00
3	.97	.22	.13	175.06	.00	.10	179.95	178.25	.77	.21	.22	.89
4	175.02	.15	.15	.13	.00	.11	.64	.78	.74	.22	.19	.99
5	174.97	.13	.15	.15	175.71	.01	.50	.36	.71	.22	.15	.53
6	194.97	175.22	175.12	175.07	175.61	175.79	179.40	177.81	175.67	175.19	175.14	175.53
7	.97	.22	.13	174.98	.62	.73	180.11	.63	.64	.16	.13	.55
8	.96	.19	.17	.93	176.58	.75	.13	179.14	.61	.16	.16	.41
9	.95	.22	.16	.93	177.61	.70	.01	.71	.59	.16	.12	.29
10	.95	.20	.13	175.01	.25	176.56	179.89	.55	.56	.14	.04	.19
11	174.95	175.16	175.11	174.94	176.40	177.26	179.82	179.11	175.53	175.13	175.05	175.12
12	.99	.10	.08	175.04	175.82	.43	180.40	178.69	.51	.13	.03	.08
13	175.00	.05	.05	.07	.60	178.46	.85	.51	.50	.16	.00	.05
14	.27	.03	.04	.06	.47	.54	181.01	.10	.49	.21	174.99	174.99
15	.99	.04	.02	.06	.38	177.81	.09	177.87	.47	.24	175.01	.96
16	175.95	175.13	175.00	175.01	175.36	177.13	181.15	177.53	175.44	175.24	175.04	174.96
17	.67	.12	174.97	174.96	.38	.03	.23	.28	.41	.26	.12	175.11
18	.54	.05	.98	.94	.37	.05	.31	.12	.40	.31	.11	.90
19	.45	.02	.98	.87	.53	.07	.34	176.96	.37	.36	.18	.59
20	.30	.14	.97	.93	176.40	.34	.32	.83	.36	.37	.20	.26
21	175.18	175.55	174.96	174.97	176.90	177.81	181.23	176.73	175.34	175.33	175.13	175.14
22	.09	177.73	175.09	.90	.75	178.12	.15	.63	.32	.33	.08	.12
23	.04	.78	.07	.86	.38	.05	.05	.48	.30	.42	.04	.08
24	.01	.63	.04	175.14	.12	177.62	180.90	.29	.29	.66	.02	.16
25	174.99	176.93	.03	.79	175.86	.17	.65	.17	.27	.72	.02	.28
26	174.98	176.21	175.01	175.80	175.72	176.98	180.27	176.14	175.27	175.60	174.99	175.16
27	.98	175.83	174.99	.89	.68	177.51	179.86	.10	.25	.46	.94	.10
28	175.07	.63	.96	176.06	.68	179.03	.33	.08	.23	.37	.91	.05
29	.12	.44	.96	.11	.78	180.00	178.87	.02	.26	.30	-	.03
30	.87	.33	.97	.20	176.19	.45	.63	175.93	.30	.30	-	174.99
31	-	.25	-	.45	.35	-	.45	-	.28	.38	-	.97
Mean	175.17	175.56	175.06	175.23	176.03	177.26	180.30	177.52	175.47	175.30	175.09	175.24
Max.	175.99	177.78	175.20	176.45	177.61	180.45	181.34	179.71	175.85	175.72	175.37	175.99
Min.	174.95	175.02	174.96	174.86	175.36	175.70	178.45	175.93	175.23	175.13	174.91	174.96

WATER YEAR 1974 : Max. 181.34 m. Min. 174.86 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.86	4.38	2.50	0.86	14	11	82	39	7.90	2.92	3.69	0.98
2	0.80	3.13	2.22	0.80	11	11	76	34	7.50	2.78	2.99	1.10
3	0.92	2.64	2.01	1.52	9.50	11	70	41	7.10	2.57	2.64	8.30
4	1.24	2.15	2.15	2.01	9.50	11	65	50	6.80	2.64	2.43	9.39
5	0.92	2.01	2.15	2.15	6.50	9.62	62	43	6.50	2.64	2.15	4.94
6	0.92	2.64	1.94	1.59	5.59	7.30	60	34	6.13	2.43	2.08	4.94
7	0.92	2.64	2.01	0.98	5.68	6.70	73	31	5.86	2.22	2.01	5.10
8	0.86	2.43	2.29	0.68	16	6.90	74	56	5.59	2.22	2.22	3.98
9	0.80	2.64	2.22	0.68	31	6.40	71	66	5.42	2.22	1.94	3.13
10	0.80	2.50	2.01	1.17	26	16	69	63	5.18	2.08	1.38	2.43
11	0.80	2.22	1.87	0.74	14	26	68	55	4.94	2.01	1.45	1.94
12	1.04	1.80	1.66	1.38	7.60	28	79	48	4.78	2.01	1.31	1.66
13	1.10	1.45	1.45	1.59	5.50	44	89*	45	4.70	2.22	1.10	1.45
14	2.99	1.31	1.38	1.52	4.47	46	94*	39	4.62	2.57	1.04	1.04
15	9.39	1.38	1.24	1.52	3.76	34	97*	35	4.46	2.78	1.17	0.86
16	8.95	2.01	1.10	1.17	3.62	24	98*	30	4.22	2.78	1.38	0.86
17	6.13	1.94	0.92	0.86	3.76	22	101*	26	3.98	2.92	1.94	1.87
18	5.02	1.45	0.98	0.74	3.69	23	103*	24	3.90	3.27	1.87	8.40
19	4.30	1.24	0.98	0.35	4.94	23	105*	21	3.69	3.62	2.36	5.42
20	3.20	2.08	0.92	0.68	14	27	104*	20	3.62	3.69	2.50	2.92
21	2.36	5.10	0.86	0.92	21	34	101*	18	3.48	3.41	2.01	2.08
22	1.73	33	1.73	0.50	19	39	98*	17	3.34	3.41	1.66	1.94
23	1.38	33	1.59	0.30	14	38	95*	15	3.20	4.06	1.38	1.66
24	1.17	31	1.38	2.08	11	31	91*	13	3.13	6.04	1.24	2.22
25	1.04	21	1.31	7.30	8.00	24	84*	11	2.99	6.60	1.24	3.06
26	0.98	12	1.17	7.40	6.60	22	76	11	2.99	5.50	1.04	2.22
27	0.98	7.70	1.04	8.30	6.22	29	69	11	2.85	4.38	0.74	1.80
28	1.59	5.77	0.86	10	6.22	54	59	10	2.71	3.69	0.56	1.45
29	1.94	4.22	0.86	11	7.20	71	51	9.74	2.92	3.20	–	1.31
30	8.10	3.41	0.92	12	12	80	47	8.73	3.20	3.20	–	1.04
31	–	2.85	–	15	14	–	44	–	3.06	3.76	–	0.92
Total	73.23	203.09	45.72	97.79	325.35	815.92	2,455	924.47	140.76	99.84	49.52	90.41
Mean	2.44	6.55	1.52	3.15	10.5	27.20	79.2	30.8	4.54	3.22	1.77	2.92
Max.	9.39	33	2.50	15	31	80	105	66	7.90	6.60	3.69	9.39
Min.	0.80	1.24	0.86	0.30	3.62	6.40	44	8.73	2.71	2.01	0.56	0.86
Runoff - mcm.	6.327	17.547	3.950	8.449	28.110	70.495	212.112	79.874	12.162	8.626	4.278	7.811

WATER YEAR 1974 : Max. 105 Min. 0.30 Mean 14.6 Annual Runoff 459.743 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.20	03.00	181.38	106				

CHI RIVER BASIN

Nam Phan at Ban Hua Khua, Kalasin (E.26)

Location: Lat. 16°-24'-36" N., Long. 103°-28'-15" E., on right bank at the bridge across Nam Phan, Amphoe Yang Talat, Kalasin.

Drainage Area: 6,565 Sq.km.

Type of Gage: Staff gage

Zero Gage at Bottom at: + 134.380 m. (M.S.L.)

Bench Mark: -

Location: -
Elevation: -

Gage Reading Frequency: 4-time daily readings at 06.00, 10.00, 14.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 4 readings.

Period of Available Gage Records: 1954 to date.

Rating Operation:

Period of Rating: 1970 to date.
Rated by Float: -
Rated by Current Meter: 1970 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

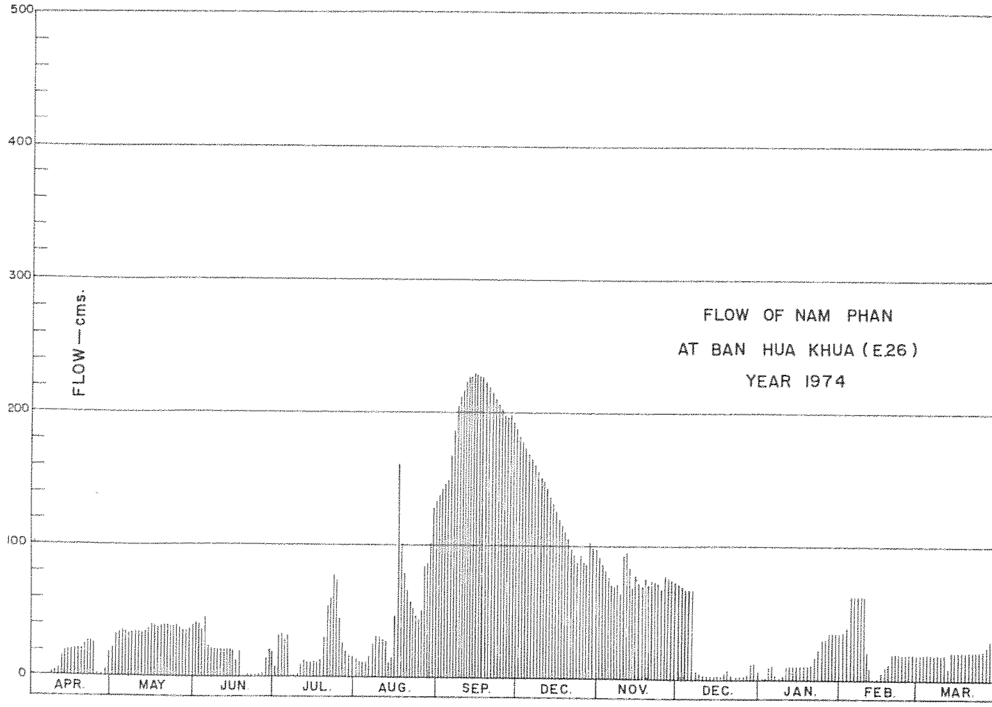
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 12 discharge measurements made in 1974. Flow regulated by Lam Pao Dam.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	134.63	135.93	136.60	135.85	135.66	138.50	139.38	137.77	137.33	135.07	136.39	135.83
2	.63	136.30	.58	.28	.59	.60	.31	.66	.29	134.89	.39	.83
3	.62	.36	.56	136.30	.57	.67	.26	.57	.25	.83	.40	.81
4	.62	.36	.41	.37	.56	.71	.16	.48	.23	.78	137.04	.81
5	.62	.41	.67	.17	.54	.75	.08	.42	.22	135.44	.12	.82
6	134.61	136.38	136.10	136.34	135.55	138.92	139.04	137.30	137.22	135.44	137.13	135.82
7	.61	.37	135.97	135.16	.95	139.22	138.98	.27	135.90	.08	.13	.82
8	135.17	.36	.94	134.78	136.19	.56	.91	.34	.24	134.85	.13	.83
9	.18	.36	.97	.76	.25	.76	.84	.29	.14	.79	.13	.84
10	.28	.36	.94	.73	.26	.82	.78	.13	.07	.78	.11	.84
11	135.28	136.36	135.95	135.37	136.23	139.90	138.77	137.77	135.02	135.43	135.93	135.84
12	.82	.35	.93	.64	.19	.97	.70	.82	.01	.47	.41	.47
13	.92	.34	.93	.54	.17	140.01	.61	.58	134.98	.47	134.79	.27
14	.93	.40	.93	.52	135.44	.02	.52	.22	.95	.48	.78	.92
15	.94	.47	.92	.51	.79	.05	.44	.47	.92	.48	.78	.93
16	135.94	136.53	135.92	135.54	137.00	140.04	138.36	137.41	134.92	135.48	134.78	135.93
17	.94	.53	.48	.62	138.93	.02	.29	.32	.92	.48	135.11	.93
18	.94	.51	.87	.52	.53	.01	.20	.25	.91	.47	.42	.93
19	.94	.48	134.95	.59	137.67	139.96	.10	.40	135.18	.47	.43	.93
20	.94	.52	.77	136.17	.34	.92	.03	.34	.20	.47	.81	.93
21	136.12	136.55	134.75	136.60	137.19	139.87	137.93	137.29	134.94	135.47	135.83	135.92
22	.16	.50	.74	.96	.00	.83	.82	.42	.88	.57	.83	.92
23	.15	.49	.73	137.12	136.84	.77	.74	.37	.86	.83	.83	.92
24	.14	.48	.72	.46	.74	.71	.63	.31	.86	136.00	.84	.92
25	135.14	.51	.76	.38	.60	.64	.75	.25	.86	.22	.84	.92
26	134.72	136.52	134.76	136.88	136.81	139.57	137.76	137.23	134.84	136.27	135.84	135.92
27	.66	.44	.79	.20	137.61	.52	.58	.47	.83	.31	.83	136.02
28	.89	.43	135.57	135.92	.57	.57	.64	.44	135.24	.39	.83	.18
29	135.37	.44	.85	.85	.72	.56	.97	.39	.51	.39	-	.21
30	.83	.46	.90	.76	138.16	.43	.85	.37	.51	.39	-	.23
31	-	-	-	.72	.47	-	.89	-	.51	.39	-	.23
Mean	135.39	136.42	135.66	135.92	136.71	139.56	138.40	137.41	135.50	135.54	135.99	135.89
Max.	136.16	136.55	136.67	137.46	138.93	140.05	139.38	137.82	137.33	136.39	137.13	136.23
Min.	134.61	135.93	134.72	134.73	135.44	138.50	137.58	137.13	134.83	134.78	134.78	135.27

WATER YEAR 1974 : Max. 140.05 m. Min. 134.61 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.15	21	42	20	15	134	187	93	71	4.11	35	19
2	0.15	32	41	7.44	14	140	183	88	70	1.92	35	19
3	0.10	34	41	32	13	144	180	83	68	1.44	35	19
4	0.10	34	35	34	13	147	174	79	67	1.06	60	19
5	0.10	35	45	28	13	149	169	76	67	10	63	19
6	0.05	35	26	33	13	159	166	70	67	11	63	19
7	0.05	34	22	5.40	22	177	163	69	21	4.24	63	19
8	5.55	34	22	1.06	29	198	159	72	6.72	1.60	63	19
9	5.70	34	22	0.92	31	210	154	70	5.10	1.13	63	19
10	7.44	34	22	0.71	31	213	151	63	4.11	1.06	62	19
11	7.44	34	22	9.20	30	219	150	93	3.46	10	21	19
12	19	34	21	15	29	224	146	96	3.33	11	10	11
13	21	33	21	13	28	227	141	84	2.96	11	1.13	7.26
14	21	35	21	12	11	227	135	67	2.60	11	1.06	21
15	22	37	21	12	18	229	130	78	2.24	11	1.06	21
16	22	40	21	13	58	229	126	75	2.24	11	1.06	21
17	22	40	11	12	160	227	121	71	2.24	11	4.65	21
18	22	39	20	12	136	227	116	68	2.12	11	10	21
19	22	38	2.60	14	88	223	110	75	5.70	11	10	21
20	22	39	0.99	28	72	220	106	72	6.00	11	19	21
21	27	40	0.85	42	66	217	101	70	2.48	11	19	21
22	28	39	0.78	56	58	214	96	76	1.84	13	19	21
23	28	38	0.71	63	52	210	92	73	1.68	19	19	21
24	27	38	0.64	78	48	207	86	70	1.68	23	19	21
25	5.10	39	0.92	74	42	202	92	68	1.68	30	19	21
26	0.64	39	0.92	53	50	198	93	67	1.52	31	19	21
27	0.30	36	1.31	29	85	195	84	78	1.44	32	19	24
28	1.92	36	13	21	83	198	87	77	6.72	35	19	29
29	9.20	36	20	20	91	198	103	74	12	35	–	29
30	19	36	21	17	114	190	97	73	12	35	–	30
31	–	37	–	17	132	–	99	–	12	35	–	30
Total	365.99	1,110	539.54	772.73	1,645	5,952	3,997	2,268	534.86	445.56	772.96	642.26
Mean	12.2	35.8	18.0	24.9	53.1	198	129	75.6	17.2	14.3	27.6	20.7
Max.	28	40	45	78	160	229	187	96	71	35	63	30
Min.	0.05	21	0.64	0.71	11	134	84	63	1.44	1.06	1.06	7.26
Runoff – mcm.	31.621	95.904	46.616	66.764	142.128	514.253	345.341	195.955	46.212	38.496	66.784	55.491

WATER YEAR 1974 : Max. 229 Min. 0.05 Mean 52.2 Annual Runoff 1,645.566 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 15	18.00	140.06	230				

CHI RIVER BASIN

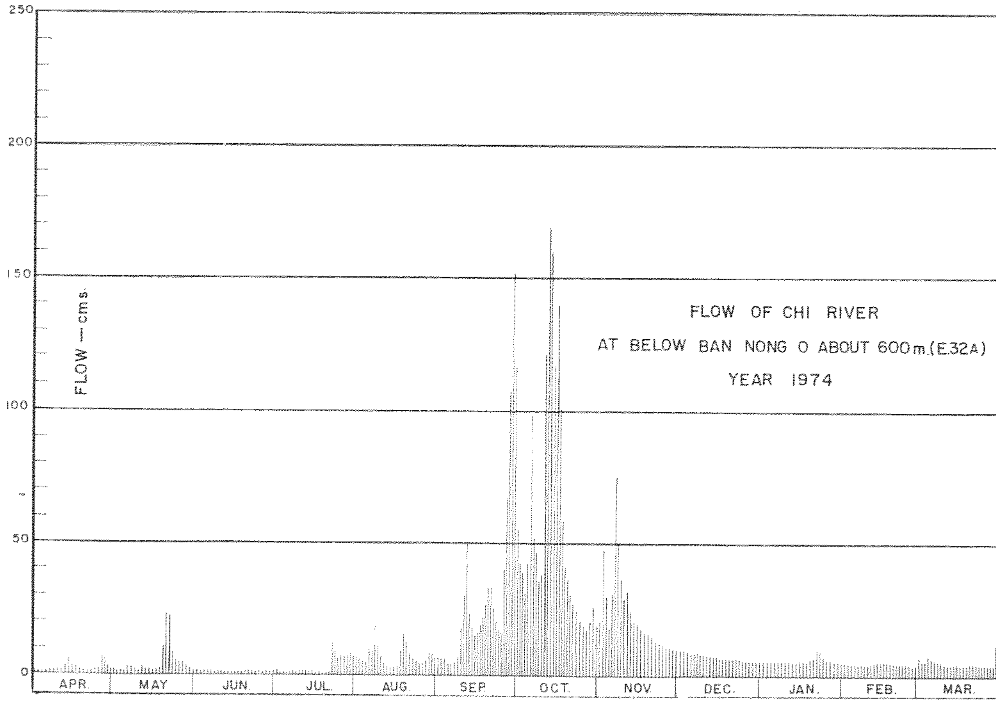
Chi River at Below Ban Nong O about 600 m., Chaiyaphum (E.32A)

Location:	Lat. 15°-54'-40" N., Long. 101°-42'-40" E., on left bank about 500 meters north of BanNong O. 600 meters upstream from gaging station E32, Amphoe Kaset Sombon, Chaiyaphum.
Drainage Area:	2,905 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+198.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S. E32
Location:	on left bank along the vertical staff gage line.
Elevation:	+ 210.611 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1967 to date.
Rated by Float:	-
Rated by Current Meter:	1967 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment but periodic curves are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 216 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	198.59	198.63	198.64	198.65	199.15	199.19	201.16	199.56	198.97	198.67	198.61	198.78
2	.54	.62	.64	.71	.09	.12	200.61	200.83	.94	.66	.60	.63
3	.51	.59	.62	.60	.01	.11	.45	.05	.93	.66	.59	.72
4	.50	.57	.63	.54	198.98	198.98	.12	199.60	.91	.66	.59	.82
5	.52	.72	.65	.53	199.04	.94	.93	.43	.90	.66	.58	.76
6	198.57	198.79	198.66	198.52	199.37	198.93	202.61	200.12	198.89	198.64	198.58	198.71
7	.56	.78	.66	.52	.35	.95	201.01	201.84	.88	.62	.57	.66
8	.57	.72	.64	.61	.89	199.15	200.82	200.89	.87	.62	.57	.63
9	.56	.66	.64	.66	.45	.87	.36	.35	.84	.62	.57	.61
10	.59	.61	.63	.65	.21	.53	.47	.00	.83	.63	.56	.58
11	198.66	198.57	198.62	198.66	198.95	200.32	203.37	200.09	298.83	198.63	198.57	198.56
12	.64	.75	.61	.63	.85	.91	204.67	199.95	.82	.63	.58	.55
13	199.16	.67	.60	.60	.80	199.72	.44	.75	.81	.63	.61	.57
14	.03	.60	.58	.56	.78	.41	203.34	.61	.79	.64	.62	.56
15	198.85	.57	.58	.54	.79	.28	.23	.56	.78	.66	.60	.55
16	198.73	198.58	198.56	198.51	198.76	199.33	203.87	199.50	198.76	198.67	198.63	198.54
17	.70	.60	.54	.50	.82	.50	202.64	.42	.75	.68	.64	.53
18	.64	.68	.56	.50	199.37	.63	201.25	.37	.74	.68	.62	.54
19	.60	.96	.69	.48	.72	.90	200.58	.36	.74	.71	.60	.57
20	.58	199.46	.63	.49	.59	200.21	.24	.30	.75	.73	.59	.56
21	198.57	200.07	198.65	198.48	199.29	200.19	200.07	199.24	198.74	198.83	198.58	198.55
22	.56	.03	.64	.49	.16	199.79	199.88	.20	.74	.94	.58	.55
23	.53	199.27	.61	199.52	.04	.54	.76	.16	.73	.87	.56	.53
24	.70	.06	.59	.24	198.97	.40	.64	.12	.72	.80	.56	.53
25	.65	198.98	.59	.12	.97	.35	.54	.09	.70	.75	.55	.51
26	198.57	198.92	198.58	199.23	198.99	200.55	199.47	199.07	198.69	198.71	198.53	198.49
27	199.12	.92	.57	.17	199.00	201.60	.42	.04	.70	.69	.52	.48
28	.02	.89	.57	.15	.24	202.90	.57	.02	.68	.66	.52	.48
29	198.74	.73	.56	.31	.39	204.25	.83	.00	.68	.64	-	.51
30	198.68	.68	.56	.31	.22	203.20	.67	198.99	.68	.63	-	199.12
31	-	.66	-	.14	.14	-	.50	-	.66	.62	-	.29
Mean	198.67	198.85	198.61	198.76	199.14	200.02	201.08	199.65	198.79	198.68	198.65	198.63
Max.	199.16	200.07	198.69	199.52	199.89	204.25	204.67	201.84	198.97	198.94	198.64	199.29
Min.	198.50	198.57	198.54	198.48	198.76	198.93	199.42	198.99	198.66	198.62	198.52	198.48

WATER YEAR 1974 : Max. 204.67 m. Min. 198.50 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.26	1.51	1.58	1.65	6.50	6.90	55	20	10	5.70	5.10	7.20
2	1.06	1.44	1.58	2.10	5.90	6.20	42	47	9.60	5.60	5.00	5.30
3	0.94	1.26	1.44	1.30	5.10	6.10	38	30	9.45	5.60	4.90	6.30
4	0.90	1.18	1.51	1.06	4.80	4.80	31	21	9.15	5.60	4.90	7.80
5	0.98	2.20	1.65	1.02	5.40	4.40	50	18	9.00	5.60	4.80	6.90
6	1.18	2.90	1.72	0.98	9.55	4.30	98	31	8.85	5.40	4.80	6.15
7	1.14	2.80	1.72	0.98	9.25	4.50	52	75	8.70	5.20	4.70	5.60
8	1.18	2.20	1.58	1.37	19	6.50	47	49	8.55	5.20	4.70	5.30
9	1.14	1.72	1.58	1.72	11	18	36	36	8.10	5.20	4.70	5.10
10	1.26	1.37	1.51	1.65	7.15	12	38	29	7.95	5.30	4.60	4.80
11	1.72	1.18	1.44	1.72	4.50	30	121	31	7.95	5.30	4.70	4.60
12	1.58	2.50	1.37	1.51	3.50	50	169	28	7.80	5.30	4.80	4.50
13	6.60	1.79	1.30	1.30	3.00	23	160	24	7.65	5.30	5.10	4.70
14	5.30	1.30	1.22	1.14	2.80	17	120	21	7.35	5.40	5.20	4.60
15	3.50	1.18	1.22	1.06	2.90	15	117	20	7.20	5.60	5.00	4.50
16	2.30	1.22	1.14	0.94	2.60	16	140	19	6.90	5.70	5.30	4.40
17	2.00	1.30	1.06	0.90	3.20	19	99	17	6.75	5.80	5.40	4.30
18	1.58	1.86	1.14	0.90	9.55	22	58	16	6.60	5.80	5.20	4.40
19	1.30	4.60	1.93	0.84	15	27	41	16	6.60	6.15	5.00	4.70
20	1.22	11	1.51	0.87	13	33	34	15	6.75	6.45	4.90	4.60
21	1.18	23	1.65	0.84	8.35	33	30	14	6.60	7.95	4.80	4.50
22	1.14	22	1.58	0.87	6.60	25	27	13	6.60	9.60	4.80	4.50
23	1.02	8.05	1.37	12	5.40	20	24	13	6.45	8.55	4.60	4.30
24	2.00	5.60	1.26	7.75	4.70	17	22	12	6.30	7.50	4.60	4.30
25	1.65	4.80	1.26	6.20	4.70	16	20	12	6.00	6.75	4.50	4.10
26	1.18	4.20	1.22	7.45	4.90	40	18	11	5.90	6.15	4.30	3.90
27	6.20	4.20	1.22	6.70	5.00	68	17	11	6.00	5.90	4.20	3.80
28	5.20	3.90	1.22	6.50	7.60	107	20	11	5.80	5.60	4.20	3.80
29	2.40	2.30	1.14	8.65	9.85	152	26	10	5.80	5.40	–	4.10
30	1.86	1.86	1.14	8.65	7.30	116	22	10	5.80	5.30	–	12
31	–	1.72	–	6.40	6.40	–	19	–	5.60	5.20	–	15
Total	61.97	128.14	42.26	97.02	214.50	919.70	1,791	680	227.75	185.10	134.80	170.05
Mean	2.06	4.13	1.40	3.13	6.92	30.6	57.7	22.7	7.35	5.97	4.81	5.48
Max.	6.60	23	1.93	12	19	152	169	75	10	9.60	5.40	15
Min.	0.90	1.18	1.06	0.84	2.60	4.30	17	10	5.60	5.20	4.20	3.80
Runoff - mcm.	5.354	11.071	3.651	8.383	18.533	79.462	154.742	58.752	19.678	15.993	11.647	14.692

WATER YEAR 1974 : Max. 169 Min. 0.90 Mean 12.7 Annual Runoff 401.958 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 12	18.00	204.83	175				

CHI RIVER BASIN

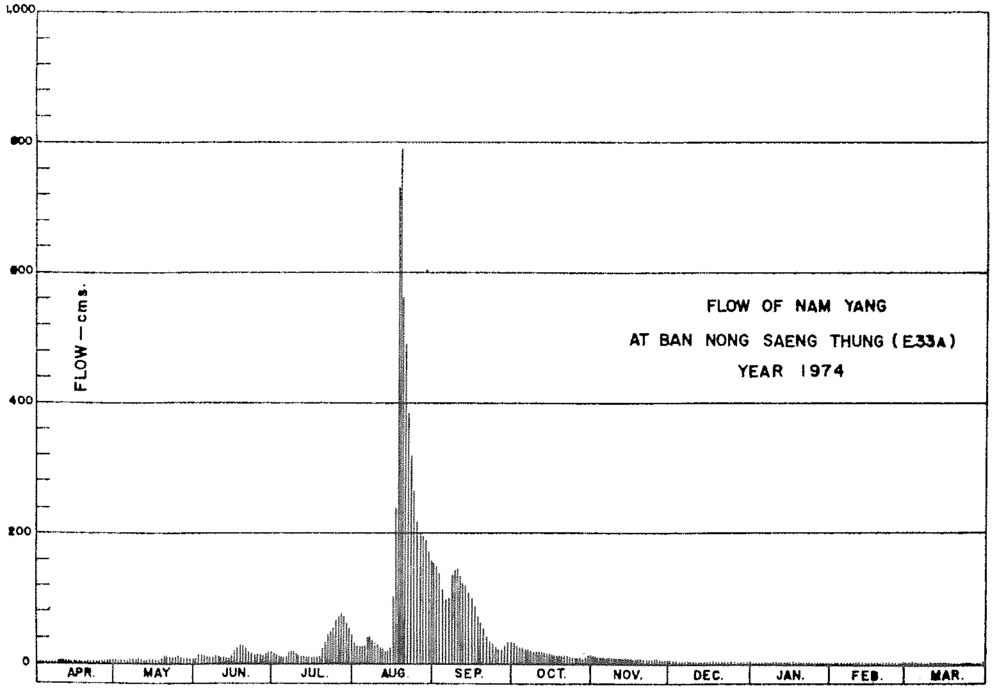
Nam Yang at Ban Nong Saeng Thung, Roi Et (E.33A)

Location:	Lat. 16°-20'-01" N., Long. 104°-01'-18" E., on left bank about 1 kilometer south-east of Ban Nang Saeng Thung, and 150 meters downstream from confluence with Nong Saeng, Amphoe Phon Thong, Roi Et.
Drainage Area:	2,599 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 133.97 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	infront of E33A station office.
Elevation:	+ 143.700 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1961 to date.
Rating Operation:	
Period of Rating:	1961-1968.
Rated by Float:	-
Rated by Current Meter:	1961-1968.
Stability of Channel Regimes:	Fairly stable by some silting, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 142.50 m. (M.S.L.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 1,593 discharge measurements made during 1961-1968.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	134.94	134.99	135.28	135.75	136.62	139.99	136.49	135.59	135.02	134.89	134.80	134.79
2	.94	.96	.62	.63	.38	.87	.38	.52	.01	.86	.79	.81
3	.93	.95	.66	.53	.24	.59	.26	.43	134.98	.92	.79	.95
4	.92	.98	.60	.46	.25	.02	.16	.40	135.00	.86	.78	.97
5	.92	135.00	.45	.42	.26	138.54	.14	.36	134.98	.86	.78	.92
6	134.93	135.00	135.37	135.43	136.75	138.48	136.04	135.32	134.97	134.86	134.78	134.87
7	.91	.16	.31	.86	.83	.75	.00	.35	.95	.85	.80	.85
8	.89	.11	.40	.95	.62	139.52	135.88	.31	.95	.86	.81	.82
9	.90	.05	.54	.87	.50	.78	.85	.32	.94	.86	.83	.79
10	.99	.07	.51	.71	.36	.72	.84	.29	.94	.86	.85	.84
11	134.96	135.04	135.41	135.57	136.21	139.40	135.90	135.32	134.95	134.84	134.94	134.83
12	.95	134.97	.36	.45	.05	.10	.90	.30	.92	.85	135.02	.80
13	135.05	.95	.33	.40	135.94	.14	.84	.31	.94	.86	.00	.80
14	134.91	135.05	.34	.47	.82	138.82	.77	.27	.94	.85	134.95	.81
15	.92	.04	.55	.44	136.00	.68	.74	.24	.94	.86	.93	.80
16	134.91	135.02	135.92	135.43	138.66	138.42	135.69	135.20	134.93	134.84	134.89	134.79
17	.90	134.99	136.17	.45	141.64	.14	.67	.20	.92	.84	.90	.77
18	.91	135.00	.35	.42	143.88	137.80	.64	.16	.92	.84	.86	.77
19	.89	.07	.28	.58	.98	.50	.60	.18	.90	.85	.83	.76
20	.88	.41	.13	136.11	.54	.20	.56	.14	.93	.86	.84	.76
21	134.97	135.43	135.90	136.46	143.34	136.87	135.53	135.09	134.93	134.84	134.81	134.76
22	.98	.33	.74	.93	142.95	.59	.50	.08	.91	.84	.80	.78
23	.93	.28	.66	137.07	.57	.45	.45	.06	.87	.85	.80	.77
24	.94	.27	.65	.24	.07	.23	1.43	.05	.89	.85	.80	.76
25	.94	.45	.74	.66	141.29	.13	.39	.04	.89	.84	.79	.77
26	134.96	135.41	135.62	137.83	140.88	136.04	135.36	135.05	134.89	134.84	134.79	134.76
27	.95	.30	.59	.88	.95	.03	.35	.04	.89	.83	.79	.76
28	.95	.22	.65	.84	.89	.24	.32	.03	.88	.81	.85	.74
29	.97	.27	.84	.47	.79	.52	.33	.04	.86	.81	-	.72
30	135.00	.26	.83	.28	.39	.53	.49	.03	.89	.81	-	.73
31	-	.23	-	136.95	.04	-	.60	-	.88	.81	-	.73
Mean	134.94	135.14	135.66	136.21	139.12	138.04	135.74	135.22	134.93	134.85	134.84	134.80
Max.	135.05	135.45	136.35	137.88	143.98	139.99	136.49	135.59	135.02	134.92	135.02	134.97
Min.	134.88	134.95	135.28	135.40	135.82	136.03	135.32	135.03	134.86	134.81	134.78	134.72

WATER YEAR 1974 : Max. 143.98 m. Min. 134.72 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.88	3.48	7.28	15	36	154	32	12	3.84	2.34	1.80	1.74
2	2.88	3.12	13	13	29	149	29	11	3.72	2.16	1.74	1.86
3	2.76	3.00	13	11	26	138	26	9.68	3.36	2.64	1.74	3.00
4	2.64	3.36	12	10	26	116	24	9.20	3.60	2.16	1.68	3.24
5	2.64	3.60	10	9.52	26	99	24	8.56	3.36	2.16	1.68	2.64
6	2.76	3.60	8.72	9.68	39	96	21	7.92	3.24	2.16	1.68	2.22
7	2.52	5.52	7.76	17	42	106	21	8.40	3.00	2.10	1.80	2.10
8	2.34	4.92	9.20	19	36	135	18	7.76	3.00	2.16	1.86	1.92
9	2.40	4.20	11	18	32	145	17	7.92	2.88	2.16	1.98	1.74
10	3.48	4.44	11	14	29	143	17	7.44	2.88	2.16	2.10	2.04
11	3.12	4.08	9.36	12	25	130	18	7.92	3.00	2.04	2.88	1.98
12	3.00	3.24	8.56	10	22	119	18	7.60	2.64	2.10	3.84	1.80
13	4.20	3.00	8.08	9.20	19	120	17	7.76	2.88	2.16	3.60	1.80
14	2.52	4.20	8.24	10	17	109	15	7.12	2.88	2.10	3.00	1.86
15	2.64	4.08	12	9.84	21	104	15	6.64	2.88	2.16	2.76	1.80
16	2.52	3.84	19	9.68	103	94	14	6.00	2.76	2.04	2.34	1.74
17	2.40	3.48	24	10	238	84	13	6.00	2.64	2.04	2.40	1.62
18	2.52	3.60	29	9.52	730	72	13	5.52	2.64	2.04	2.16	1.62
19	2.34	4.44	27	12	789	62	12	5.76	2.40	2.10	1.98	1.56
20	2.28	9.36	23	23	563	53	12	5.28	2.76	2.16	2.04	1.56
21	3.24	9.68	18	31	490	43	11	4.68	2.76	2.04	1.86	1.56
22	3.36	8.08	15	45	383	35	11	4.56	2.52	2.04	1.80	1.68
23	2.76	7.28	13	49	318	21	10	4.32	2.22	2.10	1.80	1.62
24	2.88	7.12	13	54	267	26	9.68	4.20	2.34	2.10	1.80	1.56
25	2.88	10	15	67	217	23	9.04	4.08	2.34	2.04	1.74	1.62
26	3.12	9.36	13	73	194	21	8.56	4.20	2.34	2.04	1.74	1.56
27	3.00	7.60	12	75	198	21	8.40	4.08	2.34	1.98	1.74	1.56
28	3.00	6.32	13	73	195	26	7.92	3.96	2.28	1.86	2.10	1.44
29	3.24	7.12	17	61	189	33	8.08	4.08	2.16	1.86	–	1.32
30	3.60	6.96	17	55	170	33	11	3.96	2.34	1.86	–	1.38
31	–	6.48	–	45	156	–	12	–	2.28	1.86	–	1.38
Total	85.92	168.56	417.20	879.44	5,625	2,520	482.68	197.60	86.28	64.92	59.64	56.52
Mean	2.86	5.44	13.9	28.4	181	84.0	15.6	6.59	2.78	2.09	2.13	1.82
Max.	4.20	10	29	75	789	154	32	12	3.84	2.64	3.84	3.24
Min.	2.28	3.00	7.28	9.20	17	21	7.92	3.96	2.16	1.86	1.68	1.32
Runoff – MCM.	7.423	14.564	36.046	75.98	486.000	217.728	41.704	17.073	7.454	5.609	5.153	4.883

WATER YEAR 1974 : Max. 789 Min. 1.32 Mean 29.2 Annual Runoff 919.621 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	21.00	144.20	930				

CHI RIVER BASIN

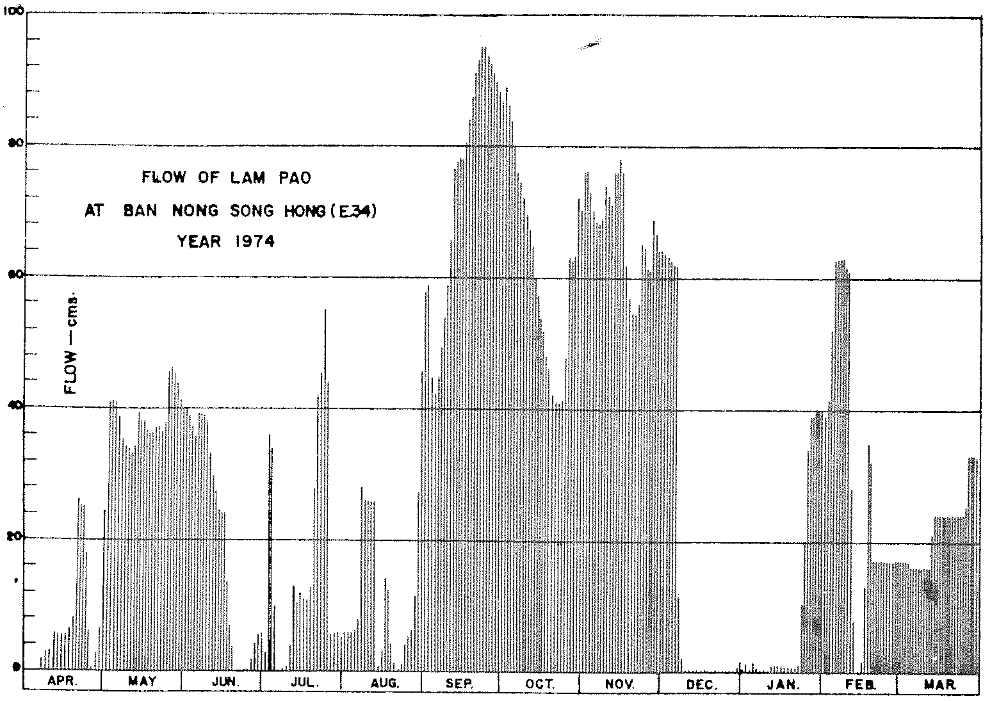
Lam Pao at Ban Nong Song Hong, Kalasin (E.34)

Location:	Lat. 16°-35'-52" N., Long. 103°-27'-15" E., on right bank 1 kilometer downstream from Lam Pao Damsite, 2.5 kilometers upstream from the confluence with Huai Yang, Amphoe Muang, Kalasin.
Drainage Area:	5,542 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 138.00 m. (M.S.L.)
Bench Mark:	B.M. - RID No. 9
Location:	on right bank infront of the camp of station E34
Elevation:	+ 150.216 m. (M.S.L.)
Gage Reading Frequency:	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:	1963-1973
Rated by Float:	-
Rated by Current Meter:	1963-1973
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 13 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	น้ำต่ำ	140.05	140.43	139.37	139.47	140.80	141.32	141.11	140.90	น้ำต่ำกว่า	140.41	139.85
2		.37	.40	.28	.47	.70	.29	.07	.88	เสาระดับ	.41	.85
3	กว่า	.45	.37	140.35	.46	.53	.24	.04	.87		.48	.85
4		.45	.32	.29	.47	.48	.19	.00	.86	139.11	.74	.85
5	เสาระดับ	.45	.40	139.64	.50	.47	.14	140.99	.85	.24	.87	.84
6		140.42	140.40	น้ำต่ำกว่า	139.55	140.59	141.10	140.97	140.84	139.18	140.87	139.84
7	139.22	.36	.40		140.14	.67	.07	.96	139.80		.87	.84
8	.30	.31	.40	เสาระดับ	.10	.72	.04	141.08	130.30	น้ำต่ำกว่า	.88	.84
9	.31	.30	.38		.10	.80	.02	.06	น้ำต่ำกว่าเสาระดับเนื่องจากทางโครงการปิดการระบายน้ำจากเขื่อนลำปาว	เสาระดับ	.85	.84
10	.31	.29	.28	139.18	.10	.86	140.99	.03		139.02	.83	.84
11	139.34	140.28	140.19	139.40	140.10	141.10	140.94	141.02		139.16	140.36	139.84
12	.45	.28	.14	.74	.10	.12	.89	.10		.20	139.06	.83
13	.45	.31	.09	.68	139.80	.14	.81	.10		.20		140.05
14	.44	.40	.05	.64	.12	.15	.74	.14		.20		.06
15	.44	.38	.06	.70	.17	.15	.69	.10		.19	139.12	.06
16	139.44	140.39	140.05	139.68	139.43	141.19	140.64	140.88		139.19	139.30	140.06
17	.46	.36	139.45	.67	.76	.25	.59	.79		.19	.75	.05
18	.51	.35	.53	.67	.70	.30	.54	.74	139.06	.18	140.31	.05
19	.55	.35		.74	.40	.35	.49	.72	.25	.18	.25	.05
20	.65	.37	น้ำต่ำกว่าเสาระดับ	140.17	.22	.37	.45	.70	น้ำต่ำกว่าเสาระดับ	.18	139.87	.05
21	140.10	140.37		140.47	139.13	141.40	140.45	140.75		139.18	139.87	140.05
22	.08	.36		.47	.04	.42	.45	.92		.19	.87	.05
23	.07	.35		.57	.14	.42	.44	.91		.40	.87	.05
24	139.86	.38		.73	.32	.41	.47	.89		.83	.86	.04
25		.53		.52	.41	.40	.80	.83		140.24	.86	.04
26	น้ำต่ำกว่า	140.55		139.49	139.45	141.38	140.87	140.83		140.36	139.86	140.09
27	เสาระดับ	.55	139.32	.46	.49	.34	.85	.98	139.03	.40	.85	.27
28	139.35	.53	.37	.48	.69	.32	.87	.94	139.11	.41	.85	.28
29	.45	.48	.45	.48	140.03	.31	141.03	.90	.16	.42	-	.28
30	.95	.44	.45	.48	.48	.30	140.97	.90	.20	.42	-	.28
31	-	.42	-	.47	.76	-	141.10	-	.14	.42	-	.28
Mean	139.56	140.38	140.04	139.81	139.65	141.08	140.52	140.95	139.88	139.55	140.16	140.00
Max.	140.10	140.55	140.43	140.73	140.76	141.42	141.32	141.14	140.90	140.42	140.88	140.28
Min.	139.22	140.05	139.32	139.18	139.04	140.47	140.44	140.70	139.03	139.02	139.06	139.83

WATER YEAR 1974 : Max. 141.42 m. Min. 139.06 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	24	40	4.13	6.17	59	89	76	64	0.00	39	17
2	—	36	39	2.48	6.17	54	87	74	63	0.00	39	17
3	—	41	37	36	5.96	45	84	72	63	0.00	43	17
4	—	41	35	34	6.17	43	81	70	62	0.12	56	17
5	—	41	39	10	6.80	42	78	69	62	1.84	63	16
6	0.00	40	39	0.00	8.05	48	76	68	61	0.96	63	16
7	1.52	37	39	0.00	28	52	74	68	15	0.00	63	16
8	2.80	35	39	0.00	26	55	72	74	2.80	—	63	16
9	2.99	34	38	0.00	26	59	71	73	0.00	—	62	16
10	2.99	34	33	0.96	26	62	69	72	—	0.00	61	16
11	3.56	33	30	4.70	26	76	67	71	—	0.72	37	16
12	5.75	33	28	13	26	77	63	76	—	1.20	0.00	16
13	5.75	35	26	11	15	78	60	76	—	1.20	0.00	24
14	5.54	39	24	10	0.24	78	56	78	—	1.20	~~0.00~~	24
15	5.54	38	24	12	0.84	78	53	76	—	1.08	0.24	24
16	5.54	38	24	11	5.33	81	51	63	—	1.08	2.80	24
17	5.96	37	5.75	11	14	84	48	58	—	1.08	13	24
18	7.05	36	7.55	11	12	87	46	56		0.96	35	24
19	8.05	36	0.00	13	4.70	90	43	55	0.00	0.96	32	24
20	11	37	—	29	1.52	92	41	54	2.00	0.96	17	24
21	26	37	—	42	0.36	93	41	56	0.00	0.96	17	24
22	25	37	—	42	0.00	95	41	65	—	1.08	17	24
23	25	36	—	47	0.48	95	41	65	—	4.70	17	24
24	17	38	—	55	3.18	94	42	64	—	16	17	24
25	0.00	45	—	45	4.91	93	59	61	—	32	17	24
26	0.00	46	0.00	6.59	5.75	92	63	61	0.00	37	17	26
27	0.00	46	3.18	5.96	6.59	90	62	69	0.00	39	17	33
28	3.75	45	4.13	6.38	12	89	63	67	0.12	39	17	33
29	5.75	43	5.75	6.38	23	88	72	64	0.72	40	-	33
30	20	41	5.75	6.38	43	87	68	64	1.20	40	-	33
31	-	40	-	5.96	57	-	76	-	1.84	40	-	33
Total	196.54	1,179	547.30	481.92	407.81	2,256	1,937	2,015	398.68	303.10	825.04	699
Mean	9.36	38.0	30.4	17.8	13.1	75.2	62.4	67.1	30.5	12.6	33.0	22.5
Max.	26	46	40	55	57	95	89	78	64	40	63	33
Min.	1.52	24	0.00	0.00	0.00	42	41	54	0.00	0.00	0.00	16
Runoff - mcm.	16.981	101.866	47.287	41.638	35.235	194.918	167.357	174.096	34.446	26.188	71.283	60.394

WATER YEAR 1974 : Max. 95 Min. 0.00 Mean 30.8 Annual Runoff 971.688 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.23	18.00	141.42	95				

CHI RIVER BASIN

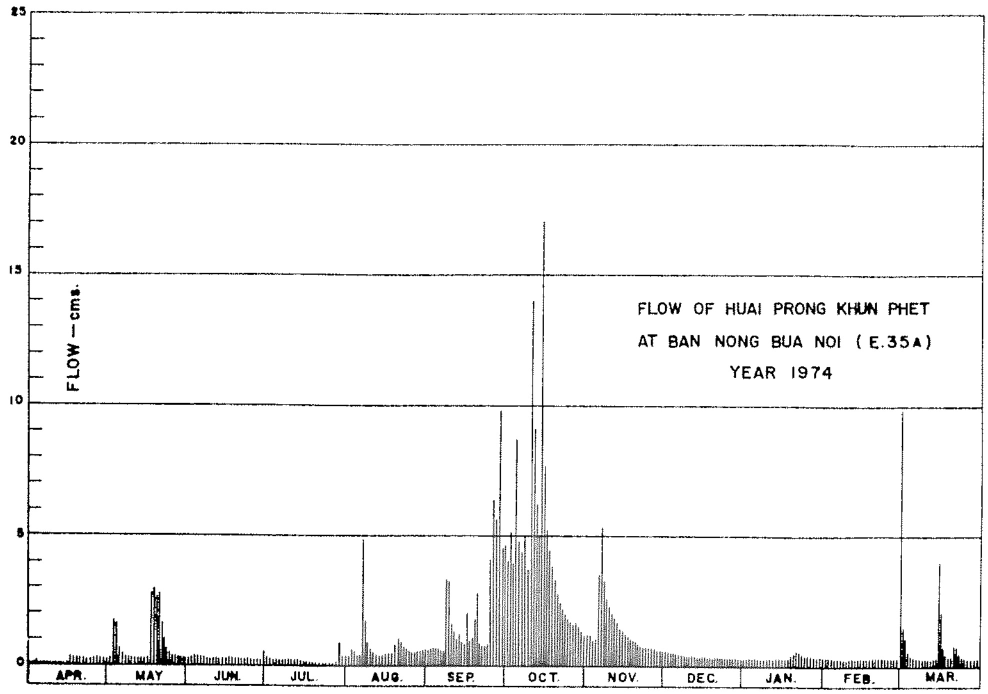
Huai Prong Khun Phet at Ban Nong Bua Noi, Chaiyaphum (E.35A)

Location:	Lat. 15°-44'-27" N., Long. 101°-38'-07" E., on left bank about 6 kilometers upstream from E35 station at Ban Nong Bua Noi, Amphoe Chatturat, Chaiyaphum.
Drainage Area:	422 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 211.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	-
Elevation:	-
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1973 to date.
Rated by Float:	-
Rated by Current Meter:	1973 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 114 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	Drawgh Reriod	212.05	212.10	212.15	212.17	212.29	213.14	212.51	212.28	212.07	212.09	213.75
2		.30	.11	.10	.16	.33	.06	.51	.28	.07	.08	212.57
3		.64	.19	.08	.30	.33	.22	.46	.27	.07	.08	.31
4		.60	.20	.06	.26	.33	.04	.42	.25	.06	.07	.22
5		.34	.16	.05	.14	.31	.63	.51	.24	.06	.06	.16
6		212.26	212.13	212.05	212.12	212.28	213.15	212.96	212.23	212.06	212.06	212.13
7		.18	.11	.05	213.18	.26	.10	213.24	.20	.06	.06	.10
8		.14	.10	.05	212.66	.93	.21	212.92	.19	.06	.05	.09
9		.11	.09	.06	.41	.92	212.99	.80	.19	.06	.05	.08
10		.09	.10	.07	.31	.63	213.25	.75	.17	.05	.05	.08
11		212.08	212.10	212.06	212.26	212.53	214.17	212.70	212.16	212.05	212.06	212.08
12	211.68	.07	.10	.05	.22	.47	213.69	.66	.15	.05	.06	.08
13	.72	.07	.09	.04	.20	.51	.34	.60	.14	.05	.06	.07
14	.73	.07	.10	.00	.18	.42	.21	.56	.13	.07	.06	.07
15	.74	.07	.09	211.96	.21	.38	214.36	.53	.13	.07	.05	.19
16	212.19	212.07	212.11	211.94	212.23	212.70	213.53	212.50	212.13	212.07	212.05	213.05
17	.10	.21	.11	.93	.24	.45	.22	.48	.12	.07	.05	212.31
18	.07	.85	.10	.91	.25	.47	.10	.46	.11	.08	.05	.21
19	.06	.86	.09	.90	.40	.65	.01	.45	.11	.20	.06	.14
20	.06	.82	.08	.89	.37	.85	212.92	.43	.11	.27	.07	.11
21	212.04	212.85	212.07	211.88	212.46	212.42	212.84	212.40	212.11	212.28	212.07	212.40
22	.03	.60	.06	.88	.43	.39	.77	.38	.11	.25	.07	.37
23	.03	.40	.06	.87	.36	.39	.73	.36	.11	.22	.08	.21
24	.02	.26	.06	.87	.31	.39	.69	.34	.09	.18	.08	.15
25	.05	.20	.06	.85	.28	213.03	.65	.34	.09	.14	.07	.11
26	212.13	212.16	212.05	211.85	212.26	213.37	212.62	212.33	212.09	212.14	212.07	212.09
27	.15	.13	.05	.85	.26	.28	.59	.31	.09	.12	.07	.08
28	.08	.12	.03	.90	.28	.35	.62	.30	.09	.10	.07	.07
29	.06	.11	.03	212.42	.29	.75	.57	.29	.08	.10	-	.07
30	.05	.09	.27	.19	.31	.14	.54	.28	.08	.09	-	.07
31	-	.09	-	.17	.31	-	.49	-	.07	.09	-	.06
Mean	212.00	212.29	212.10	212.00	212.31	212.65	213.08	212.53	212.15	212.11	212.06	212.08
Max.	212.19	212.86	212.27	212.42	213.18	213.75	214.36	213.24	212.28	212.28	212.09	213.75
Min.	211.68	212.05	212.03	211.85	212.12	212.26	212.49	212.28	212.07	212.05	212.05	212.06

WATER YEAR 1974 : Max. 214.36 m. Min. 211.68 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	00.00	0.25	0.30	0.35	0.37	0.58	4.58	1.24	0.56	0.27	0.29	9.80
2	00.00	0.60	0.31	0.30	0.36	0.66	4.06	1.24	0.56	0.27	0.28	1.48
3	00.00	1.76	0.39	0.28	0.60	0.66	5.16	1.04	0.54	0.27	0.28	0.62
4	00.00	1.60	0.40	0.26	0.52	0.66	3.94	0.88	0.50	0.26	0.27	0.44
5	00.00	0.68	0.36	0.25	0.34	0.62	8.67	1.24	0.48	0.26	0.26	0.36
6	00.00	0.52	0.33	0.25	0.32	0.56	4.65	3.46	0.46	0.26	0.26	0.33
7	00.00	0.38	0.31	0.25	4.86	0.52	4.30	5.32	0.40	0.26	0.26	0.30
8	00.00	0.34	0.30	0.25	1.84	3.28	5.08	3.22	0.39	0.26	0.25	0.29
9	00.00	0.31	0.29	0.26	0.84	3.22	3.64	2.50	0.39	0.26	0.25	0.28
10	00.00	0.29	0.30	0.27	0.62	1.72	5.40	2.25	0.37	0.25	0.25	0.28
11	00.00	0.28	0.30	0.26	0.52	1.32	14	2.00	0.36	0.25	0.26	0.28
12	00.00	0.27	0.30	0.25	0.44	1.08	9.21	1.84	0.35	0.25	0.26	0.28
13	00.00	0.27	0.29	0.24	0.40	1.24	6.12	1.60	0.34	0.25	0.26	0.27
14	00.00	0.27	0.30	0.20	0.38	0.88	5.08	1.44	0.33	0.27	0.26	0.27
15	00.00	0.27	0.29	0.16	0.42	0.76	17	1.32	0.33	0.27	0.25	0.39
16	0.39	0.27	0.31	0.14	0.46	2.00	7.77	1.20	0.33	0.27	0.25	4.00
17	0.30	0.42	0.31	0.13	0.48	1.00	5.16	1.12	0.32	0.27	0.25	0.62
18	0.27	2.80	0.30	0.11	0.50	1.08	4.30	1.04	0.31	0.28	0.25	0.42
19	0.26	2.86	0.29	0.10	0.80	1.80	3.76	1.00	0.31	0.40	0.26	0.34
20	0.26	2.62	0.28	0.09	0.74	2.80	3.22	0.92	0.31	0.54	0.27	0.31
21	0.24	2.80	0.27	0.08	1.04	0.88	2.74	0.80	0.31	0.56	0.27	0.80
22	0.23	1.60	0.26	0.08	0.92	0.78	2.35	0.76	0.31	0.50	0.27	0.74
23	0.23	0.80	0.26	0.07	0.72	0.78	2.15	0.72	0.31	0.44	0.28	0.42
24	0.22	0.52	0.26	0.07	0.62	0.78	1.96	0.68	0.29	0.38	0.28	0.35
25	0.25	0.40	0.26	0.05	0.56	3.88	1.80	0.68	0.29	0.34	0.27	0.31
26	0.33	0.36	0.25	0.05	0.52	6.36	1.68	0.66	0.29	0.34	0.27	0.29
27	0.35	0.33	0.25	0.05	0.52	5.64	1.56	0.62	0.29	0.32	0.27	0.28
28	0.28	0.32	0.23	0.10	0.56	6.20	1.68	0.60	0.29	0.30	0.27	0.27
29	0.26	0.31	0.23	0.88	0.58	9.80	1.48	0.58	0.28	0.30	–	0.27
30	0.25	0.29	0.54	0.39	0.62	4.58	1.36	0.56	0.28	0.29	–	0.27
31	–	0.29	–	0.37	0.62	–	1.16	–	0.27	0.29	–	0.26
Total	4.12	25.08	9.07	6.59	23.09	66.12	145.02	42.53	11.15	9.73	7.40	25.62
Mean	0.22	0.81	0.30	0.21	0.74	2.20	4.68	1.37	0.36	0.31	0.26	0.83
Max.	0.39	2.86	0.54	0.88	4.86	9.80	17	5.32	0.56	0.56	0.29	9.80
Min.	0.00	0.25	0.23	0.05	0.32	0.52	1.16	0.56	0.27	0.25	0.25	0.26
Runoff - mcm.	0.356	2.167	0.784	0.569	1.995	5.713	12.530	3.674	0.963	0.841	0.639	2.213

WATER YEAR 1974 : Max. 17 Min. 0.00 Mean 1.03 Annual Runoff 32.445 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.15	12.00	214.61	20				

CHI RIVER BASIN

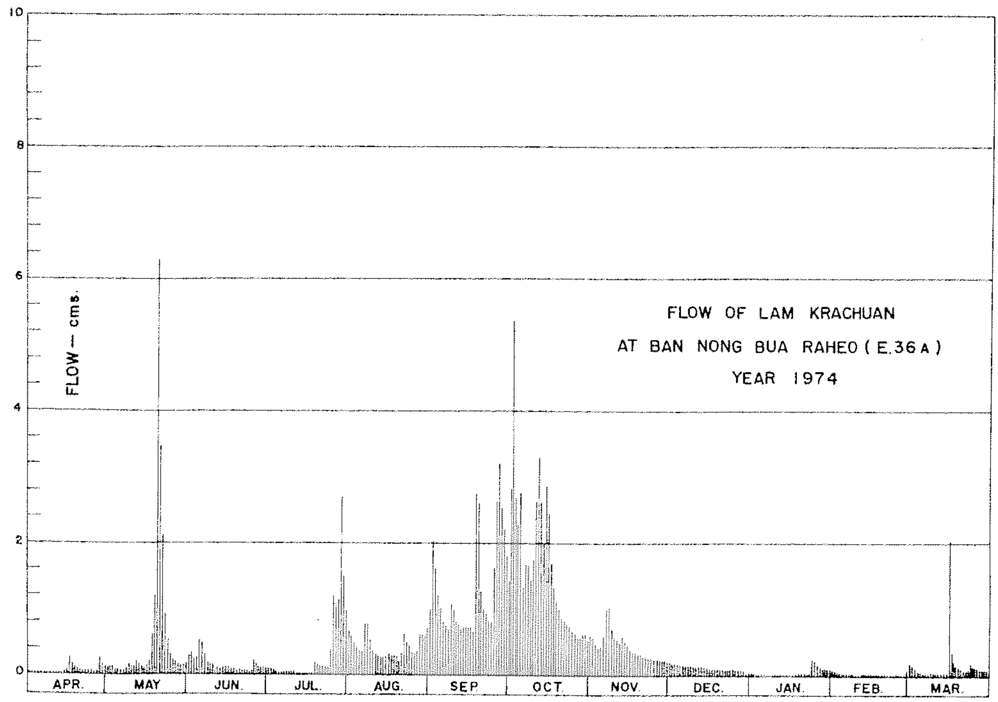
Lam Krachuan at Ban Nong Bua Raheo, Chaiyaphum (E.36A)

Location:	Lat. 15^{0}-43'-24" N., Long. 101^{0}-40'-04" E., on right bank about 2 kilometers upstream from E36 station at Ban Nong Bua Raheo, Amphoe Chatturat, Chaiyaphum.
Drainage Area:	290 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 211.25 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	on the right bank along the measuring line.
Elevation:	+ 217.647 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1970 to date.
Rating Operation:	
Period of Rating:	1971 to date.
Rated by Float:	-
Rated by Current Meter:	1971 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 125 discharge measurements made in 1974.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	212.62	213.14	213.29	213.14	213.41	213.49	213.57	213.39	213.23	213.08	213.13	213.23
2	.62	.16	.31	.13	.39	.67	214.06	.38	.22	.05	.12	.19
3	.61	.16	.26	.12	.36	.60	213.76	.35	.21	.04	.09	.16
4	.60	.12	.27	.10	.33	.53	.71	.33	.21	.03	.08	.12
5	.59	.12	.37	.07	.32	.50	.77	.35	.21	.03	.07	.09
6	212.60	213.10	213.35	213.07	213.31	213.45	213.55	213.39	213.20	213.03	213.06	213.08
7	.59	.07	.30	.07	.44	.43	.61	.49	.19	.03	.06	.07
8	.59	.12	.24	.08	.44	.42	.61	.50	.19	.03	.06	.07
9	.58	.19	.21	.08	.37	.51	.57	.42	.19	.01	.05	.08
10	.57	.17	.20	.08	.32	.49	.62	.39	.19	.00	.05	.08
11	212.57	213.16	213.08	213.08	213.30	213.45	213.75	213.38	213.17	212.99	213.05	213.07
12	.57	.23	.16	.04	.29	.44	.83	.36	.18	.99	.05	.07
13	.61	.20	.14	.02	.27	.42	.75	.39	.18	.99	.06	.06
14	.62	.16	.15	.01	.27	.43	.66	.37	.17	.99	.06	.06
15	.62	.14	.16	.01	.28	.43	.78	.35	.17	.98	.06	.05
16	213.14	213.17	213.15	213.01	213.30	213.43	213.73	213.33	213.16	212.98	213.06	213.67
17	.26	.23	.15	.01	.29	.41	.61	.31	.15	.98	.05	.31
18	.19	.40	.13	.05	.29	.77	.55	.31	.15	213.00	.04	.20
19	.16	.53	.12	.22	.29	.75	.51	.30	.14	.06	.04	.17
20	.13	214.13	.12	.19	.23	.54	.49	.30	.14	.07	.03	.14
21	213.10	213.85	213.11	213.18	213.30	213.50	213.46	213.29	213.13	213.07	213.02	213.13
22	.10	.68	.11	.17	.40	.48	.45	.29	.13	.06	.02	.12
23	.10	.47	.10	.16	.36	.46	.44	.27	.13	.04	.01	.14
24	.10	.37	.09	.15	.34	.44	.43	.26	.13	.25	.01	.21
25	.09	.30	.12	.32	.31	.60	.41	.26	.13	.24	212.99	.18
26	213.09	213.25	213.25	213.53	213.30	213.75	213.40	213.26	213.13	213.19	213.98	213.16
27	.09	.23	.20	.51	.31	.82	.38	.25	.13	.17	.98	.15
28	.27	.20	.17	.52	.40	.74	.38	.24	.11	.15	213.01	.15
29	.21	.18	.16	.76	.40	.70	.40	.24	.11	.15	-	.13
30	.17	.19	.15	.58	.39	.63	.40	.23	.00	.15	-	.14
31	-	.20	-	.48	.42	-	.37	-	.00	.13	-	.12
Mean	212.87	213.27	213.18	213.19	213.33	213.54	213.58	213.33	213.15	213.06	213.04	213.14
Max.	213.27	214.13	213.37	213.76	213.44	213.82	214.06	213.50	213.23	213.25	213.13	213.67
Min.	212.57	213.07	213.08	213.01	213.23	213.41	213.37	213.23	213.00	212.98	212.98	213.05

WATER YEAR 1974 : Max. 214.13 m. Min. 212.98 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.09	0.28	0.09	0.64	0.96	1.42	0.57	0.19	0.04	0.08	0.19
2		0.11	0.33	0.08	0.57	2.02	5.34	0.54	0.18	0.02	0.07	0.14
3		0.11	0.24	0.07	0.48	1.60	2.68	0.45	0.16	0.02	0.04	0.11
4		0.07	0.25	0.05	0.39	1.18	2.28	0.39	0.16	0.01	0.04	0.07
5		0.07	0.51	0.03	0.36	1.00	2.76	0.45	0.16	0.01	0.03	0.04
6		0.05	0.45	0.03	0.33	0.80	1.30	0.57	0.15	0.01	0.03	0.04
7		0.03	0.30	0.03	0.76	0.72	1.66	0.96	0.14	0.01	0.03	0.03
8		0.07	0.21	0.04	0.76	0.68	1.66	1.00	0.14	0.01	0.03	0.03
9		0.14	0.16	0.04	0.51	1.06	1.42	0.68	0.14	0.00	0.02	0.04
10		0.12	0.15	0.04	0.36	0.96	1.72	0.57	0.14		0.02	0.04
11		0.11	0.04	0.04	0.30	0.80	2.60	0.54	0.12		0.02	0.03
12		0.19	0.11	0.02	0.28	0.76	3.27	0.48	0.13		0.02	0.03
13		0.15	0.09	0.01	0.25	0.68	2.60	0.57	0.13		0.03	0.03
14		0.11	0.10	0.00	0.25	0.72	1.96	0.51	0.12		0.03	0.03
15	0.00	0.09	0.11	0.00	0.27	0.72	2.84	0.45	0.12		0.03	0.02
16	0.09	0.12	0.10	0.00	0.30	0.72	2.44	0.39	0.11		0.03	2.02
17	0.24	0.19	0.10	0.00	0.28	0.64	1.66	0.33	0.10		0.02	0.33
18	0.14	0.60	0.08	0.02	0.28	2.76	1.30	0.33	0.10	0.00	0.02	0.15
19	0.11	1.18	0.07	0.18	0.28	2.60	1.06	0.30	0.09	0.03	0.02	0.12
20	0.08	6.26	0.07	0.14	0.19	1.24	0.96	0.30	0.09	0.03	0.01	0.09
21	0.05	3.45	0.06	0.13	0.30	1.00	0.84	0.28	0.08	0.03	0.01	0.08
22	0.05	2.08	0.06	0.12	0.60	0.92	0.80	0.28	0.08	0.03	0.01	0.07
23	0.05	0.88	0.05	0.11	0.48	0.84	0.76	0.25	0.08	0.02	0.00	0.09
24	0.05	0.51	0.04	0.10	0.42	0.76	0.72	0.24	0.08	0.22		0.16
25	0.04	0.30	0.07	0.36	0.33	1.60	0.64	0.24	0.08	0.21		0.13
26	0.04	0.22	0.22	1.18	0.30	2.60	0.60	0.24	0.08	0.14		0.11
27	0.04	0.19	0.15	1.06	0.33	3.18	0.54	0.22	0.08	0.12		0.09
28	0.25	0.15	0.12	1.12	0.60	2.52	0.54	0.21	0.06	0.10	0.00	0.09
29	0.16	0.13	0.11	2.68	0.60	2.20	0.60	0.21	0.06	0.10	–	0.08
30	0.12	0.14	0.10	1.48	0.57	1.78	0.60	0.19	0.00	0.10	–	0.09
31	–	0.15	–	0.92	0.68	–	0.51	–	0.00	0.08	–	0.07
Total	1.51	18.06	4.73	10.17	13.05	40.02	50.08	12.74	3.35	1.34	0.64	4.64
Mean	0.050	0.582	0.157	0.328	0.420	1.33	1.61	0.424	0.108	0.043	0.022	0.149
Max.	0.25	6.26	0.51	2.68	0.76	3.18	5.34	1.00	0.19	0.22	0.08	2.02
Min.	0.00	0.03	0.04	0.00	0.19	0.64	0.51	0.19	0.00	0.00	0.00	0.02
Runoff – mcm.	0.130	1.560	0.409	0.879	1.127	3.458	4.327	1.101	0.289	0.116	0.055	0.401

WATER YEAR 1974 : Max. 6.26 Min. 0.00 Mean 0.44 Annual Runoff 13.852 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 2	10.00	214.65	14				

CHI RIVER BASIN

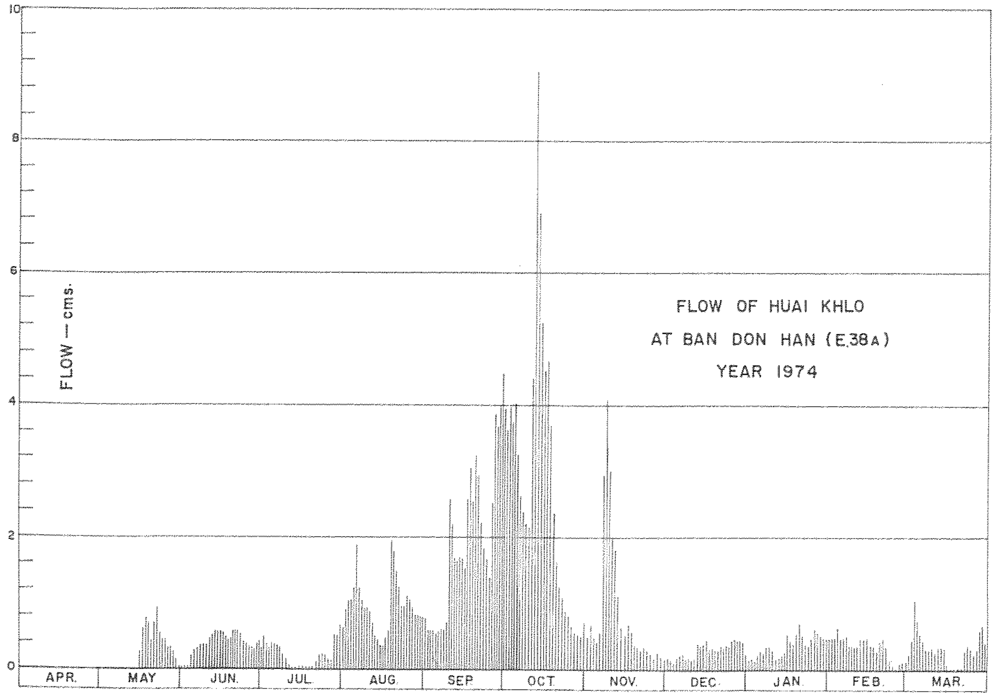
Huai Khlo at Ban Don Han, Khon Kaen (E.38A)

Location:	Lat. 16°-31'-29" N., Long. 102°-02'-16" E., on right bank about 1 kilometer upstream from E38 station at Ban Don Han, Amphoe Chum Phae, Khon Kaen.
Drainage Area:	53 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 217.905 m. (M.S.L.)
Bench Mark:	-
Location:	under Khlo tree.
Elevation:	+ 220.220 m. (M.S.L.)
Gage Reading Frequency:	3-time daily readings at 06.00, 12.00 and 18.00 hours on April - November and 5 time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on December - March.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3-5 readings.
Period of Available Gage Records:	1974 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 167 discharge measurements made in 1974.
Remarks:	Stream gaging began on May 15, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		Stream gaging began on may 15, 74	218.49	218.98	219.16	219.22	219.22	219.09	218.85	218.82	219.10	218.81
2			.50	219.08	.28	.15	.88	.11	.84	.84	.09	.90
3			.65	.02	.33	.15	.93	.18	.81	.80	.11	219.06
4			.85	218.97	.34	.13	.90	.08	.77	.86	.16	.33
5			.94	219.03	.40	.12	.94	.04	.85	219.00	.09	.17
6			218.96	219.02	219.56	219.14	219.82	219.11	218.88	218.93	219.10	219.10
7			.98	.01	.39	.15	.71	.76	.89	.92	.11	.05
8			219.03	218.98	.33	.15	.65	.94	.82	219.00	.01	218.97
9			.01	.89	.29	.20	.63	.84	.85	.00	.02	.96
10			218.99	.84	.29	.70	.62	.77	.83	218.96	.00	219.00
11			219.07	218.76	219.26	219.63	219.93	219.57	218.82	218.85	219.00	218.92
12			.10	.60	.19	.50	220.26	.53	.93	.82	.10	.95
13			.13	.53	.10	.50	.50	.34	219.02	.88	.07	.98
14			.13	.58	.06	.51	.31	.17	.01	.89	.08	219.01
15		218.92	.13	.54	.00	.50	.09	.10	.03	.94	.10	218.98
16		218.92	219.13	218.48	219.01	219.47	220.01	219.13	219.07	219.12	219.02	218.73
17		219.15	.10	.47	.07	.79	.03	.18	218.96	.06	.01	.55
18		.22	.07	.46	.15	.79	219.89	.13	.99	.02	218.98	.55
19		.18	.08	.51	.57	.70	.71	.01	.97	.12	.95	.55
20		.06	.14	.48	.53	.82	.62	218.99	.95	.20	219.05	.53
21		219.19	219.14	218.57	219.45	219.77	219.48	218.95	218.99	219.15	219.09	218.55
22		.30	.14	.80	.39	.63	.38	.96	219.01	.08	218.99	.64
23		.12	.10	.88	.30	.54	.34	.99	218.96	.03	.88	.95
24		.06	.05	.89	.30	.50	.27	.94	219.02	.02	.80	219.01
25		.07	.03	.89	.35	.43	.24	.91	.01	.09	.66	218.97
26		218.97	218.98	218.84	219.33	219.69	219.17	218.88	219.07	219.16	218.61	218.89
27		.98	.98	.76	.29	.91	.13	.83	.09	.15	.73	.96
28		.92	.95	.84	.25	.89	.11	.91	.06	.10	.76	219.14
29		.83	219.02	219.11	.25	.94	.12	.86	.08	.10	-	.19
30		.71	.04	.10	.24	220.00	.10	.82	.05	.09	-	.07
31		.51	-	.18	.24	-	.21	-	218.90	.09	-	.03
Mean			219.00	218.81	219.28	219.52	219.65	219.17	218.95	219.00	218.99	218.92
Max.			219.14	219.18	219.57	220.00	220.50	219.94	219.09	219.20	219.16	219.33
Min.			218.49	218.46	219.00	219.12	219.10	218.82	218.77	218.80	218.61	218.53

WATER YEAR 1974 : Max. 220.50 m. Min. 218.49 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			0.000	0.33	0.62	0.75	3.89	0.48	0.17	0.14	0.50	0.13
2			0.000	0.47	0.90	0.60	3.62	0.52	0.16	0.16	0.48	0.23
3			0.040	0.38	1.04	0.60	3.96	0.66	0.13	0.12	0.52	0.44
4			0.17	0.31	1.07	0.56	3.75	0.47	0.10	0.19	0.62	1.04
5			0.28	0.39	1.25	0.54	4.03	0.41	0.17	0.35	0.48	0.64
6			0.30	0.38	1.89	0.58	3.23	0.52	0.21	0.27	0.50	0.50
7			0.33	0.36	1.22	0.60	2.60	2.88	0.22	0.25	0.52	0.42
8			0.39	0.33	1.04	0.60	2.30	4.03	0.14	0.35	0.36	0.31
9			0.36	0.22	0.92	0.70	2.20	3.36	0.17	0.35	0.38	0.30
10			0.34	0.16	0.92	2.55	2.15	2.93	0.15	0.30	0.35	0.35
11			0.45	0.096	0.85	2.20	3.96	1.93	0.14	0.17	0.35	0.25
12			0.50	0.020	0.68	1.65	6.46	1.77	0.27	0.14	0.50	0.29
13			0.56	0.006	0.50	1.65	8.50	1.07	0.38	0.21	0.45	0.33
14			0.56	0.016	0.44	1.69	6.88	0.64	0.36	0.22	0.47	0.36
15		0.25	0.56	0.008	0.35	1.65	5.08	0.50	0.39	0.28	0.50	0.33
16		0.25	0.56	0.000	0.36	1.53	4.52	0.56	0.45	0.54	0.38	0.078
17		0.60	0.50	0.000	0.45	3.04	4.66	0.66	0.30	0.44	0.36	0.010
18		0.75	0.45	0.000	0.60	3.04	3.68	0.56	0.34	0.38	0.33	0.010
19		0.66	0.47	0.002	1.93	2.55	2.60	0.36	0.31	0.54	0.29	0.010
20		0.44	0.58	0.000	1.77	3.23	2.15	0.34	0.29	0.70	0.42	0.006
21		0.68	0.58	0.014	1.45	2.93	1.57	0.29	0.34	0.60	0.48	0.010
22		0.95	0.58	0.12	1.22	2.20	1.19	0.30	0.36	0.47	0.34	0.036
23		0.54	0.50	0.21	0.95	1.81	1.07	0.34	0.30	0.39	0.21	0.29
24		0.44	0.42	0.22	0.95	1.65	0.87	0.28	0.38	0.38	0.12	0.36
25		0.45	0.39	0.22	1.10	1.37	0.80	0.24	0.36	0.48	0.044	0.31
26		0.31	0.33	0.16	1.04	2.50	0.64	0.21	0.45	0.62	0.024	0.22
27		0.33	0.33	0.096	0.92	3.82	0.56	0.15	0.48	0.60	0.078	0.30
28		0.25	0.29	0.16	0.82	3.68	0.52	0.24	0.44	0.50	0.096	0.58
29		0.15	0.38	0.52	0.82	4.03	0.54	0.19	0.47	0.50	–	0.68
30		0.066	0.41	0.50	0.80	4.45	0.50	0.14	0.42	0.48	–	0.45
31		0.002	–	0.66	0.80	–	0.72	–	0.23	0.48	–	0.39
Total			11.61	6.358	29.67	58.75	89.20	27.03	9.08	11.60	10.152	9.660
Mean			0.39	0.20	0.96	1.89	2.88	0.90	0.29	0.37	0.36	0.31
Max.			0.58	0.66	1.93	4.45	8.50	4.03	0.48	0.70	0.62	1.04
Min.			0.000	0.00	0.35	0.54	0.50	0.14	0.10	0.12	0.024	0.006
Runoff - mcm.			1.003	0.549	2.563	5.076	7.707	2.335	0.784	1.002	0.877	0.835

WATER YEAR 1974 : Max. 8.50 Min. 0.00 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.13	12.00	220.52	8.69				

CHI RIVER BASIN

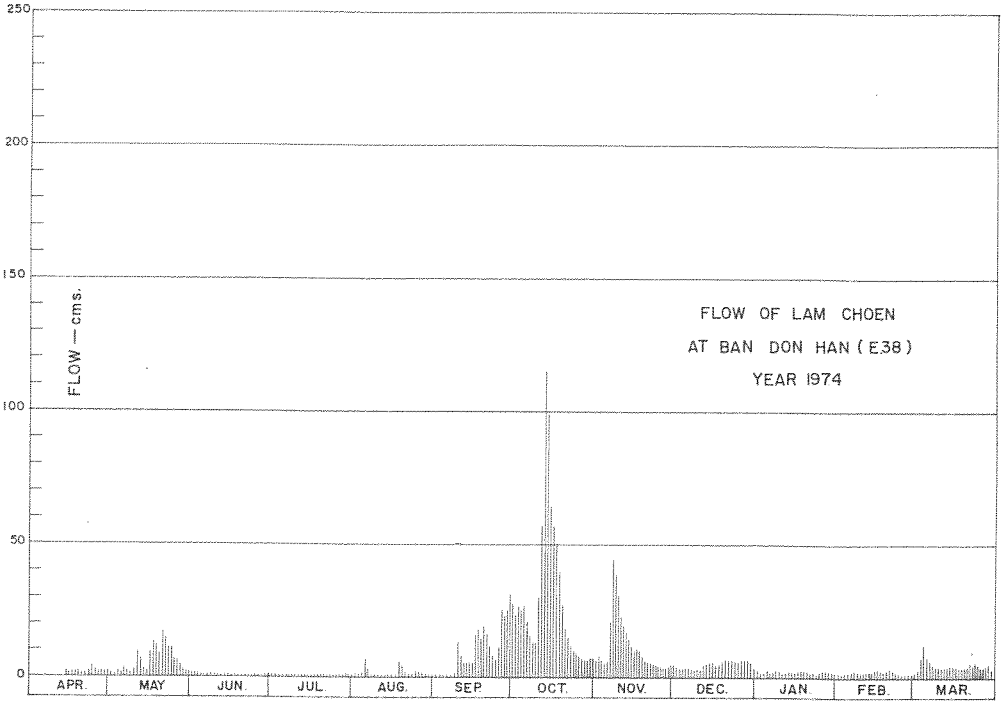
Lam Choen at Ban Don Han, Khon Kaen (E.38)

Location:	Lat. 16°-31'-22" N., Long. 102°-02'-03" E., on right bank at Ban Don Han, Amphoe Chum Phae, Khon Kaen.
Drainage Area:	1,446 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 212.967 m. (M.S.L.)
Bench Mark:	B.M. E38
Location:	at staff gage site.
Elevation:	+ 220.442 m. (M.S.L.)
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:	1974 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 274 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	Stream gaging began on Apr. 15, 74	213.91	213.84	213.66	213.57	213.65	215.79	214.36	214.18	214.09	213.87	213.90
2		.79	.83	.52	.70	.62	.59	.40	.13	.01	.86	214.00
3		.69	.81	.53	.78	.59	.79	.49	.07	213.84	.85	.26
4		.91	.74	.47	.72	.59	.72	.35	.08	.82	.91	.96
5		.93	.67	.44	214.02	.58	.81	.29	.10	214.02	.88	.66
6		213.88	213.64	213.44	214.41	213.58	215.56	214.38	214.17	214.00	213.88	214.46
7		214.06	.67	.43	213.94	.60	.20	215.85	.10	213.90	.96	.34
8		213.93	.75	.46	.67	.61	.01	216.59	.00	.92	.94	.21
9		.84	.75	.47	.59	.64	214.96	.32	.07	214.06	.89	.18
10		.77	.70	.45	.65	214.98	.94	.04	.06	.03	.85	.21
11		214.23	213.60	213.44	213.62	214.70	215.89	215.54	213.96	213.91	213.85	214.09
12		.72	.56	.39	.56	.31	217.42	.43	214.20	.88	.93	.10
13		.44	.56	.37	.49	.27	219.18	.19	.29	.97	.93	.16
14		.18	.56	.39	.48	.31	218.68	.01	.32	.97	.91	.19
15	213.87	213.95	.53	.38	.47	.30	217.50	214.83	.31	.90	.96	.17
16	213.84	213.96	213.54	213.37	213.47	214.22	217.15	214.72	214.35	213.94	213.98	214.18
17	.80	214.83	.52	.37	.50	215.15	.15	.81	.21	214.00	214.00	.17
18	.85	.93	.49	.36	.52	.28	216.65	.71	.29	.07	.00	.10
19	.91	.83	.51	.42	214.31	.01	.02	.48	.31	213.95	213.92	.08
20	.82	.53	.48	.37	.11	.33	215.71	.40	.42	214.02	214.04	.12
21	213.76	215.11	213.47	213.39	213.88	215.27	215.30	214.33	214.41	213.95	214.14	214.16
22	.82	.24	.46	.37	.78	214.87	.05	.32	.42	.88	.03	.34
23	.84	214.93	.46	.40	.73	.58	214.88	.29	.43	.93	213.93	.25
24	214.11	.75	.48	.37	.74	.45	.73	.25	.41	.88	.91	.32
25	.13	.76	.50	.37	.87	.31	.64	.19	.31	.88	.80	.23
26	213.94	214.38	213.48	213.41	213.80	214.95	214.53	214.18	214.40	213.97	213.74	214.11
27	.86	.42	.47	.45	.81	215.67	.44	.14	.46	.98	.80	.10
28	.95	.26	.48	.35	.75	.60	.40	.11	.42	.96	.84	.20
29	.87	.01	.53	.59	.74	.74	.40	.22	.44	.94	-	.28
30	.90	213.94	.65	.49	.68	216.02	.37	.23	.41	.93	-	.09
31	-	.93	-	.53	.62	-	.52	-	.12	.89	-	.02
Mean		214.29	213.59	213.43	213.74	214.53	215.71	214.75	214.25	213.95	213.91	214.21
Max.		215.24	213.84	213.66	214.41	216.02	219.18	216.59	214.46	214.09	214.14	214.96
Min.		213.69	213.46	213.35	213.47	213.58	214.37	214.11	213.96	213.82	213.74	213.90

WATER YEAR 1974 : Max. 219.18 m. Min. 213.35 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		2.08	1.64	0.64	0.34	0.60	27	6.06	4.24	3.52	1.82	2.00
2		1.34	1.58	0.24	0.80	0.48	23	6.50	3.84	2.88	1.76	2.72
3		0.76	1.46	0.26	1.28	0.38	27	7.49	3.36	1.64	1.70	5.00
4		2.08	1.04	0.17	0.92	0.38	25	5.95	3.44	1.52	2.08	13
5		2.24	0.68	0.14	2.96	0.36	27	5.30	3.60	2.96	1.88	9.52
6		1.88	0.56	0.14	6.61	0.36	23	6.28	4.16	2.80	1.88	7.16
7		3.28	0.68	0.13	2.32	0.40	17	28	3.60	2.00	2.48	5.84
8		2.24	1.10	0.16	0.68	0.44	14	44	2.80	2.16	2.32	4.50
9		1.64	1.10	0.17	0.38	0.56	13	38	3.36	3.28	1.94	4.24
10		1.22	0.80	0.15	0.60	14	13	32	3.28	3.04	1.70	4.50
11		4.70	0.40	0.14	0.48	10	29	22	2.48	2.08	1.70	3.52
12		10	0.32	0.090	0.32	5.51	64	20	4.40	1.88	2.24	3.60
13		6.94	0.32	0.070	0.19	5.10	115	17	5.30	2.56	2.24	4.08
14		4.24	0.32	0.090	0.18	5.51	100	14	5.62	2.56	2.08	4.32
15	1.82	2.40	0.26	0.080	0.17	5.40	66	12	5.51	2.00	2.48	4.16
16	1.64	2.48	0.28	0.070	0.17	4.60	57	10	5.95	2.32	2.64	4.24
17	1.40	12	0.24	0.070	0.20	16	57	11	4.50	2.80	2.80	4.16
18	1.70	13	0.19	0.060	0.24	18	45	10	5.30	3.36	2.80	3.60
19	2.08	12	0.22	0.12	5.51	14	31	7.38	5.51	2.40	2.16	3.44
20	1.52	7.96	0.18	0.070	3.68	19	25	6.50	6.72	2.96	3.12	3.76
21	1.16	15	0.17	0.090	1.88	18	18	5.73	6.61	2.40	3.92	4.08
22	1.52	17	0.16	0.070	1.28	12	15	5.62	6.72	1.88	3.04	5.84
23	1.64	13	0.16	0.10	0.98	6.56	12	5.30	6.83	2.24	2.24	4.90
24	3.68	11	0.18	0.070	1.04	7.05	10	4.90	6.61	1.88	2.08	5.62
25	3.84	11	0.20	0.070	1.82	5.51	9.28	4.30	5.51	1.88	1.40	4.70
26	2.32	6.28	0.18	0.11	1.40	13	7.96	4.24	6.50	2.56	1.04	3.68
27	1.76	6.72	0.17	0.15	1.46	25	6.94	3.92	7.16	2.64	1.40	3.60
28	2.40	5.00	0.18	0.050	1.10	23	6.50	3.68	6.72	2.48	1.64	4.40
29	1.82	2.88	0.26	0.38	1.04	26	6.50	4.60	6.94	2.32	–	5.20
30	2.00	2.32	0.60	0.19	0.72	31	6.17	4.70	6.61	2.24	–	3.52
31	–	2.24	–	0.26	0.48	–	7.84	–	3.76	1.94	–	2.96
Total		186.92	15.63	4.60	41.23	290.20	904.19	356.47	156.94	75.18	60.58	145.86
Mean		6.03	0.52	0.15	1.33	9.67	29.2	11.9	5.06	2.42	2.16	4.70
Max.	3.84	17	1.64	0.64	6.61	31	115	44	7.16	3.52	3.92	13
Min.	1.16	0.76	0.16	0.050	0.17	0.36	6.17	3.68	2.48	1.52	1.04	2.00
Runoff – mcm.		16.150	1.350	0.397	3.562	25.058	78.12	30.799	13.560	6.495	5.234	12.602

WATER YEAR 1974 : Max. 115 Min. 0.050 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 13	15.00	219.22	117				

CHI RIVER BASIN

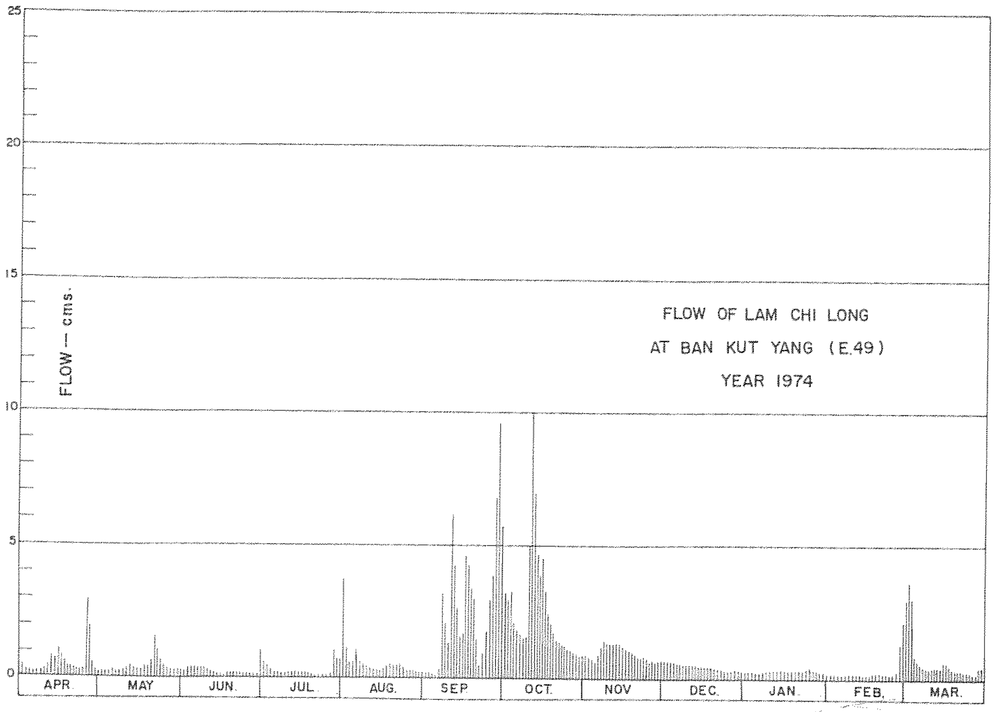
Lam Chi Long at Ban Kut Yang, Chaiyaphum (E.49)

Location:	Lat. 15°-49'-31" N., Long. 101°-51'-01" E., on left bank at Ban Kut Yang, Amphoe Ban Khwao, Chaiyaphum.
Drainage Area:	265 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 196.39 m. (M.S.L.)
Bench Mark:	B.M. - E49
Location:	in the vicinity of E49 station office.
Elevation:	+ 205.115 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967-1969, 1972 to date.
Rating Operation:	
Period of Rating:	1967-1970.
Rated by Float:	-
Rated by Current Meter:	1967-1970.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 143 discharge measurements made in 1970.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	199.37	199.14	199.09	199.68	200.71	199.11	200.75	199.60	199.46	199.13	199.15	200.36
2	.34	.12	.10	.48	199.98	.15	.44	.58	.46	.17	.13	.68
3	.25	.12	.21	.35	.57	.06	.46	.54	.45	.19	.12	.45
4	.25	.14	.28	.21	.40	.03	.56	.50	.45	.18	.10	199.75
5	.22	.12	.29	.16	.45	.01	.16	.37	.46	.12	.09	.54
6	199.15	199.21	199.31	199.15	199.72	199.01	200.05	199.63	199.44	199.11	199.08	199.49
7	.13	.11	.29	.11	.54	.05	.00	.78	.40	.11	.08	.41
8	.15	.11	.26	.11	.45	200.52	199.95	.87	.39	.16	.10	.37
9	.16	.14	.24	.10	.38	.08	.87	.81	.40	.24	.14	.35
10	.17	.20	.17	.08	.31	199.73	.88	.80	.41	.25	.15	.32
11	199.25	199.18	199.16	199.08	199.29	200.40	200.75	199.80	199.39	199.26	199.08	199.30
12	.35	.33	.14	.13	.27	201.38	202.28	.76	.39	.27	.13	.34
13	.56	.34	.10	.13	.25	200.54	201.66	.78	.38	.27	.12	.40
14	.52	.22	.06	.11	.24	.16	.00	.77	.36	.26	.11	.34
15	.37	.21	.05	.10	.24	199.89	200.76	.74	.34	.23	.10	.36
16	199.69	199.22	199.01	199.11	199.26	199.99	200.93	199.70	199.36	199.22	199.11	199.43
17	.54	.18	198.99	.11	.31	200.96	.54	.69	.35	.22	.11	.42
18	.39	.35	199.02	.11	.37	.88	.26	.67	.35	.23	.12	.32
19	.28	.28	.05	.10	.42	.52	.12	.63	.33	.29	.14	.30
20	.24	.23	.05	.06	.36	.47	199.99	.57	.32	.28	.15	.29
21	199.25	199.51	199.04	199.02	199.37	200.01	199.92	199.54	199.29	199.24	199.14	199.27
22	.25	.93	.04	.01	.35	199.29	.84	.53	.28	.24	.13	.24
23	.20	.69	.03	.01	.31	.63	.79	.56	.27	.30	.13	.24
24	.21	.43	.03	.01	.27	.59	.76	.56	.26	.33	.12	.23
25	.22	.29	.02	.01	.23	200.10	.71	.50	.25	.37	.11	.22
26	199.31	199.20	199.02	199.01	199.24	200.37	199.70	199.46	199.22	199.24	199.11	199.18
27	200.45	.18	.01	.02	.23	.67	.68	.50	.24	.22	.11	.20
28	199.47	.14	.01	.03	.22	.88	.63	.47	.25	.21	.28	.21
29	.22	.14	.00	.70	.19	202.11	.63	.48	.23	.17	-	.35
30	.15	.18	.00	.53	.10	201.68	.58	.47	.20	.16	-	.36
31	-	.18	-	.50	.19	-	.57	-	.18	.15	-	.43
Mean	199.34	199.25	199.10	199.17	199.39	200.11	200.23	199.62	199.34	199.22	199.12	199.46
Max.	200.45	199.93	199.31	199.70	200.71	202.11	202.28	199.87	199.46	199.37	199.28	200.68
Min.	199.13	199.11	198.99	199.01	199.10	199.01	199.57	199.37	199.18	199.11	199.08	199.20

WATER YEAR 1974 : Max. 202.28 m. Min. 198.99 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.50	0.24	0.19	1.06	3.73	0.21	3.85	0.90	0.64	0.23	0.25	2.68
2	0.46	0.22	0.20	0.67	1.70	0.25	2.92	0.86	0.64	0.27	0.23	3.64
3	0.35	0.22	0.31	0.47	0.84	0.16	2.98	0.78	0.62	0.29	0.22	2.95
4	0.35	0.24	0.38	0.31	0.55	0.13	3.28	0.70	0.62	0.28	0.20	1.20
5	0.32	0.22	0.39	0.26	0.62	0.11	2.15	0.50	0.64	0.22	0.19	0.78
6	0.25	0.31	0.41	0.25	1.14	0.11	1.87	0.96	0.61	0.21	0.18	0.68
7	0.23	0.21	0.39	0.21	0.78	0.15	1.75	1.26	0.55	0.21	0.18	0.56
8	0.25	0.21	0.36	0.21	0.62	3.16	1.62	1.44	0.53	0.26	0.20	0.50
9	0.26	0.24	0.34	0.20	0.52	1.95	1.44	1.32	0.55	0.34	0.24	0.47
10	0.27	0.30	0.27	0.18	0.41	1.16	1.46	1.30	0.56	0.35	0.25	0.43
11	0.35	0.28	0.26	0.18	0.39	2.80	3.85	1.30	0.53	0.36	0.18	0.40
12	0.47	0.44	0.24	0.23	0.37	6.17	10	1.22	0.53	0.37	0.23	0.46
13	0.82	0.46	0.20	0.23	0.35	3.22	7.37	1.26	0.52	0.37	0.22	0.55
14	0.74	0.32	0.16	0.21	0.34	2.15	4.70	1.24	0.49	0.36	0.21	0.46
15	0.50	0.31	0.15	0.20	0.34	1.48	3.88	1.18	0.46	0.33	0.20	0.49
16	1.08	0.32	0.11	0.21	0.36	1.72	4.45	1.10	0.49	0.32	0.21	0.59
17	0.78	0.28	0.092	0.21	0.41	4.56	3.22	1.08	0.47	0.32	0.21	0.58
18	0.53	0.47	0.12	0.21	0.50	4.28	2.40	1.04	0.47	0.33	0.22	0.43
19	0.38	0.38	0.15	0.20	0.58	3.16	2.05	0.96	0.44	0.39	0.24	0.40
20	0.34	0.33	0.15	0.16	0.49	3.01	1.72	0.84	0.43	0.38	0.25	0.39
21	0.35	0.72	0.14	0.12	0.50	1.77	1.55	0.78	0.39	0.34	0.24	0.37
22	0.35	1.57	0.14	0.11	0.47	0.39	1.38	0.76	0.38	0.34	0.23	0.34
23	0.30	1.08	0.13	0.11	0.41	0.96	1.28	0.82	0.37	0.40	0.23	0.34
24	0.31	0.59	0.13	0.11	0.37	0.88	1.22	0.82	0.36	0.44	0.22	0.33
25	0.32	0.39	0.12	0.11	0.33	2.00	1.12	0.70	0.35	0.50	0.21	0.32
26	0.41	0.30	0.12	0.11	0.34	2.71	1.10	0.64	0.32	0.34	0.21	0.28
27	2.96	0.28	0.11	0.12	0.33	3.61	1.06	0.70	0.34	0.32	0.21	0.20
28	0.65	0.24	0.11	0.13	0.32	4.28	0.96	0.65	0.35	0.31	0.38	0.21
29	0.32	0.24	0.10	1.10	0.29	9.55	0.96	0.67	0.33	0.27	–	0.47
30	0.25	0.28	0.10	0.76	0.20	7.46	0.86	0.65	0.30	0.26	–	0.49
31	–	0.28	–	0.70	0.29	–	0.84	–	0.28	0.25	–	0.59
Total	15.44	11.97	6.072	9.34	18.89	73.55	79.29	28.43	14.56	9.96	6.24	22.58
Mean	0.51	0.39	0.20	0.30	0.61	2.45	2.56	0.95	0.47	0.32	0.22	0.73
Max.	2.95	1.57	0.41	1.10	3.73	9.55	10	1.44	0.64	0.50	0.38	3.64
Min.	0.23	0.21	0.092	0.11	0.20	0.11	0.84	0.50	0.28	0.21	0.18	0.20
Runoff - mcm.	1.334	1.034	0.525	0.807	1.632	6.355	6.851	2.456	1.258	0.860	0.539	1.951

WATER YEAR 1974 : Max. 10 Min. 0.092 Mean 0.81 Annual Runoff 25.602 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 12	11.00	202.41	11				

CHI RIVER BASIN

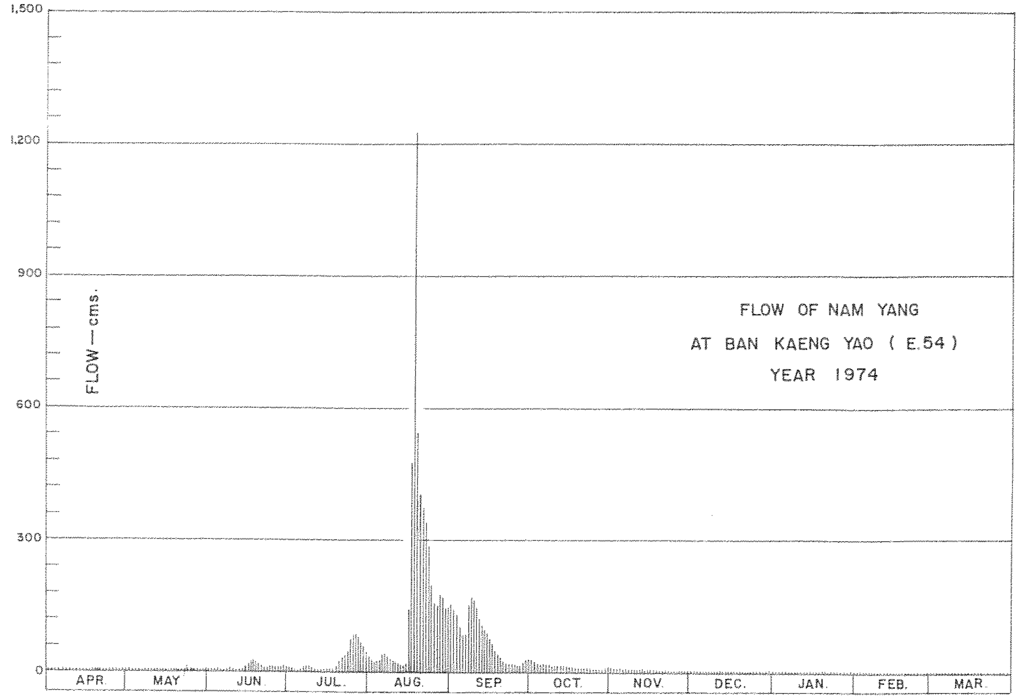
Nam Yang at Ban Kaeng Yao, Kalasin (E.54)

Location:	Lat. 16°-26'-29" N., Long. 104°-02'-07" E., on left bank at Ban Kaeng Yao about 2 kilometers downstream from proposed of USBR damsite, Amphoe Kuchinarai, Kalasin.
Drainage Area:	847 Sq.km.
Type of Gage:	Staff gage.
Bench Mark:	B.M. - E54
Location:	about 40 meters from the left bank along the vertical staff gage line.
Elevation:	+ 9.425 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1969 to date.
Rating Operation:	
Period of Rating:	1969 to date.
Rated by Float:	-
Rated by Current Meter:	1969 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 8.25 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 253 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.79	0.78	1.12	1.65	2.69	6.24	2.53	1.78	1.22	1.10	1.06	1.07
2	.79	.81	.35	.54	.39	5.92	.40	.61	.22	.13	.08	.21
3	.80	.78	.42	.42	.24	.56	.29	.62	.22	.15	.07	.20
4	.80	.80	.39	.32	.26	4.98	.11	.60	.22	.12	.11	.18
5	.79	.81	.30	.22	.40	.52	.05	.54	.22	.12	.14	.13
6	0.74	1.01	1.21	1.30	2.88	4.23	2.11	1.49	1.20	1.13	1.07	1.10
7	.75	.03	.15	.78	.91	.98	.07	.56	.21	.12	.12	.09
8	.74	0.94	.27	.87	.64	6.21	.00	.51	.17	.17	.11	.08
9	.85	.91	.52	.76	.51	.45	1.96	.53	.17	.14	.17	.07
10	.80	.96	.39	.58	.39	.25	.98	.48	.19	.11	.15	.07
11	0.78	0.85	1.29	1.42	2.24	5.60	1.95	1.48	1.17	1.11	1.19	1.07
12	.74	.83	.22	.30	.04	.14	.96	.56	.18	.16	.17	.07
13	.74	.91	.20	.22	1.89	4.96	.92	.48	.20	.12	.16	.04
14	.80	.93	.23	.29	.78	.52	.84	.44	.19	.15	.21	.07
15	.75	.88	.53	.32	.98	.40	.82	.42	.16	.12	.21	.04
16	0.73	0.84	1.98	1.33	5.76	4.02	1.77	1.44	1.17	1.11	1.15	1.02
17	.79	.81	2.30	.32	9.08	3.56	.75	.39	.16	.12	.12	.02
18	.79	.80	.46	.32	10.33	.15	.73	.33	.15	.11	.17	.04
19	.78	.83	.32	.43	9.25	2.88	.66	.31	.15	.16	.14	.06
20	.76	1.17	.10	2.05	8.89	.59	.67	.31	.18	.13	.14	.07
21	0.74	1.08	1.81	2.39	8.79	2.37	1.64	1.28	1.16	1.13	1.14	1.03
22	.77	.20	.66	.65	.65	.15	.61	.28	.12	.16	.11	.01
23	.78	.12	.59	.77	.31	.11	.58	.28	.16	.16	.09	0.99
24	.79	.23	.64	3.16	7.70	.04	.53	.25	.15	.12	.08	1.02
25	.77	.38	.67	.95	6.50	1.98	.50	.26	.15	.15	.08	0.97
26	0.74	1.22	1.53	4.31	5.80	1.94	1.48	1.26	1.14	1.09	1.07	0.96
27	.76	.15	.52	.38	6.18	.95	.46	.25	.14	.12	.08	.93
28	.76	.06	.59	.18	.70	2.19	.44	.22	.08	.09	.07	.93
29	.81	.07	.81	3.83	.57	.42	.55	.22	.16	.09	-	.90
30	.78	.04	.73	.48	5.95	.51	.74	.22	.14	.08	-	.93
31	-	.04	-	.04	6.14	-	.81	-	.14	.10	-	.91
Mean	0.77	0.98	1.58	2.18	5.03	3.93	1.83	1.41	1.17	1.12	1.12	1.04
Max.	0.85	1.38	2.46	4.38	10.33	6.45	2.53	1.78	1.22	1.17	1.21	1.21
Min.	0.73	0.78	1.12	1.22	1.78	1.94	1.44	1.22	1.08	1.08	1.06	0.90

WATER YEAR 1974 : Max. 10.33 m. Min. 0.73 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.31	0.28	1.60	8.50	32	153	28	11	2.20	1.50	1.32	1.36
2	0.31	0.38	3.75	6.60	24	140	24	7.70	2.20	1.65	1.41	2.10
3	0.35	0.28	4.80	4.80	20	126	22	7.90	2.20	1.75	1.36	2.00
4	0.35	0.35	4.35	3.30	21	104	18	7.50	2.20	1.60	1.55	1.90
5	0.31	0.38	3.00	2.20	24	89	16	6.60	2.20	1.60	1.70	1.65
6	0.14	1.09	2.10	3.00	37	79	18	5.85	2.00	1.65	1.36	1.50
7	0.17	1.18	1.75	11	38	104	17	6.90	2.10	1.60	1.60	1.45
8	0.14	0.84	2.70	13	30	152	15	6.15	1.85	1.85	1.55	1.41
9	0.52	0.73	6.30	11	27	163	15	6.45	1.85	1.70	1.85	1.36
10	0.35	0.91	4.35	7.20	24	154	15	5.70	1.95	1.55	1.75	1.36
11	0.28	0.52	2.90	4.80	20	128	14	5.70	1.85	1.55	1.95	1.36
12	0.14	0.45	2.20	3.00	16	110	15	6.90	1.90	1.80	1.85	1.36
13	0.14	0.73	2.00	2.20	13	104	14	5.70	2.00	1.60	1.80	1.23
14	0.35	0.80	2.30	2.90	11	89	12	5.10	1.95	1.75	2.10	1.36
15	0.17	0.63	6.45	3.30	15	85	12	4.80	1.80	1.60	2.10	1.23
16	0.10	0.49	15	3.45	134	72	11	5.10	1.85	1.55	1.75	1.14
17	0.31	0.38	22	3.30	471	58	10	4.35	1.80	1.60	1.60	1.14
18	0.31	0.35	26	3.30	1,219	45	10	3.45	1.75	1.55	1.85	1.23
19	0.28	0.45	22	4.95	539	37	9.70	3.15	1.75	1.80	1.70	1.32
20	0.21	1.85	17	16	407	29	8.90	3.15	1.90	1.65	1.70	1.36
21	0.14	1.41	12	24	377	24	8.30	2.80	1.80	1.65	1.70	1.18
22	0.24	2.00	8.70	31	344	18	7.70	2.80	1.60	1.80	1.55	1.09
23	0.28	1.60	7.35	34	288	18	7.20	2.80	1.80	1.80	1.45	1.01
24	0.31	2.30	8.30	46	230	16	6.45	2.50	1.75	1.60	1.41	1.14
25	0.24	4.20	8.90	70	165	15	6.00	2.60	1.75	1.75	1.41	0.94
26	0.14	2.20	6.45	82	135	14	5.70	2.60	1.70	1.45	1.36	0.91
27	0.21	1.75	6.30	84	151	14	5.40	2.50	1.70	1.60	1.41	0.80
28	0.21	1.32	7.35	78	174	19	5.10	2.20	1.41	1.45	1.36	0.80
29	0.38	1.36	12	66	168	25	6.75	2.20	1.80	1.45	–	0.70
30	0.28	1.23	10	55	141	27	10	2.20	1.70	1.41	–	0.80
31	–	1.23	–	42	149	–	12	–	1.70	1.50	–	0.73
Total	7.67	33.67	239.90	729.80	5,444	2,211	384.20	144.35	58.01	50.36	45.50	38.92
Mean	0.25	1.09	8.00	23.5	176	73.7	12.4	4.81	1.87	1.62	1.62	1.25
Max.	0.52	4.20	26	84	1,219	163	28	11	2.20	1.85	2.10	2.10
Min.	0.10	0.28	1.60	2.20	11	14	5.10	2.20	1.41	1.41	1.32	0.70
Runoff - mcm.	0.663	2.909	20.727	63.055	470.362	191.030	33.195	12.472	5.012	4.351	3.931	3.363

WATER YEAR 1974 : Max. 1,219 Min. 0.10 Mean 25.7 Annual Runoff 811.070 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	06.00	10.46	1,330				

MUN RIVER BASIN

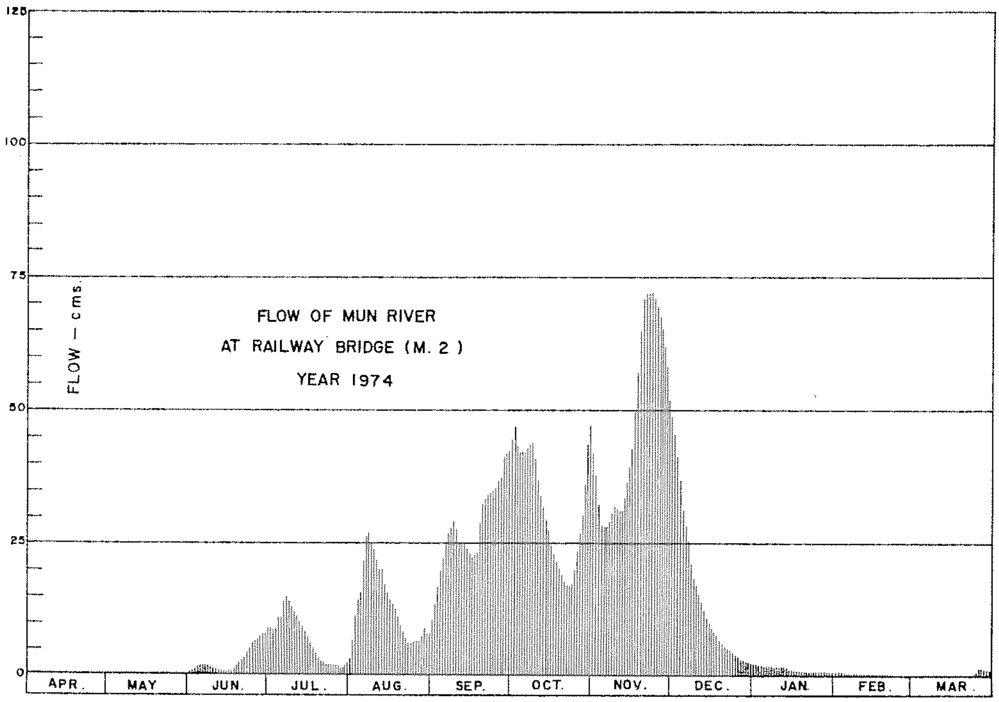
Mun River at Railway Bridge, Nakhon Ratchasima (M.2)

Location:	Lat. 15°-00'-03" N., Long. 105°-15'-57" E., on right bank about 100 meters west side of Ban Tha Chang School and 30 meters south of railway pumping station, Amphoe Chakkarat, Nakhon Ratchasima.
Drainage Area:	4,800 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 157.85 m. (M.S.L.)
Bench Mark:	B.M. - H.S. - R.I.D.
- Location:	at the foot of the ladder of automatic gage building.
Elevation:	+ 165.802 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1950 to date.
Rating Operation:	
Period of Rating:	1960, 1969-1970.
Rated by Float:	-
Rated by Current Meter:	1960, 1969-1970.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 221 discharge measurements made in 1969.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	159.19	159.16	159.14	160.47	159.84	160.58	162.52	162.46	162.81	159.81	159.41	159.11
2	.13	.03	.39	.49	160.14	.74	.70	.19	.69	.77	.40	.07
3	.09	.01	.61	.42	.58	.98	.53	161.92	.38	.71	.41	.10
4	.05	158.99	.62	.46	.85	161.12	.47	.71	.13	.70	.40	.14
5	.05	159.01	.68	.61	.90	.29	.46	.67	161.93	.68	.37	.14
6	159.09	159.00	159.71	160.62	161.21	161.48	162.45	161.67	161.69	159.71	159.35	159.13
7	.15	158.99	.70	.82	.53	.56	.49	.74	.54	.67	.32	.05
8	.19	.98	.68	.87	.61	.70	.53	.83	.34	.66	.28	.02
9	.20	159.02	.66	.82	.51	.72	.56	.91	.16	.65	.31	158.98
10	.19	.07	.60	.77	.47	.69	.44	.88	.05	.64	.33	.97
11	159.20	159.02	159.54	160.70	161.39	161.50	162.21	161.83	160.91	159.69	159.34	158.98
12	.20	.19	.49	.63	.20	.52	.04	.85	.81	.71	.34	159.06
13	.19	.24	.44	.57	.20	.50	161.89	162.00	.69	.68	.34	.09
14	.19	.23	.38	.48	.08	.46	.77	.20	.62	.61	.36	.06
15	.19	.20	.34	.42	160.93	.38	.66	.33	.54	.58	.32	.02
16	159.20	159.16	159.38	160.32	160.85	161.34	161.52	162.49	160.49	159.61	159.30	159.00
17	.19	.16	.49	.24	.81	.40	.41	.94	.42	.60	.30	.02
18	.19	.13	.61	.15	.73	.41	.31	163.21	.35	.59	.29	.11
19	.17	.09	.73	.08	.59	.68	.25	.65	.26	.56	.30	.13
20	.17	.08	.83	159.93	.53	.89	.19	.83	.20	.57	.26	.12
21	159.17	159.09	159.84	159.85	160.42	161.97	161.10	163.90	160.17	159.59	159.15	159.07
22	.18	.09	.91	.84	.31	162.02	.04	.91	.15	.56	.13	.01
23	.21	.11	160.05	.81	.23	.05	.01	.88	.11	.53	.14	.02
24	.17	.12	.15	.78	.22	.07	.04	.85	.07	.54	.09	.03
25	.17	.12	.23	.74	.25	.11	.15	.82	.01	.50	.12	.38
26	159.25	159.11	160.27	159.74	160.26	162.17	161.33	163.76	159.98	159.50	159.15	159.66
27	.23	.09	.28	.74	.25	.17	.54	.65	.94	.50	.14	.65
28	.23	.07	.35	.63	.34	.43	.80	.47	.89	.48	.14	.59
29	.24	.05	.37	.62	.45	.48	162.12	.26	.86	.47	.14	.55
30	.24	.04	.38	.73	.38	.48	.51	.04	.85	.44	-	.51
31	-	.05	-	.74	.35	-	.72	-	.82	.41	-	.47
Mean	159.18	159.09	159.76	160.23	160.72	161.66	161.89	162.73	160.76	159.60	159.27	159.17
Max.	159.25	159.24	160.38	160.87	161.61	162.48	162.72	163.91	162.81	159.81	159.41	159.66
Min.	159.05	158.98	159.14	159.62	159.84	160.58	161.01	161.67	159.82	159.41	159.09	158.97

WATER YEAR 1974 : Max. 163.91 m. Min. 158.97 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.29	0.26	0.24	9.04	2.64	10	43	42	49	2.46	0.73	0.21
2	0.23	0.13	0.68	9.28	5.20	13	47	37	46	2.22	0.70	0.17
3	0.19	0.11	1.35	8.44	10	16	43	32	41	1.86	0.73	0.20
4	0.15	0.09	1.40	8.92	14	19	42	29	36	1.80	0.70	0.24
5	0.15	0.11	1.70	11	15	21	42	28	32	1.70	0.64	0.24
6	0.19	0.10	1.86	11	20	25	42	28	28	1.86	0.60	0.23
7	0.25	0.09	1.80	14	26	26	43	29	26	1.65	0.54	0.15
8	0.29	0.08	1.70	15	27	28	43	31	22	1.60	0.46	0.12
9	0.30	0.12	1.60	14	25	29	44	32	19	1.55	0.52	0.08
10	0.29	0.17	1.30	13	24	28	42	31	18	1.50	0.56	0.07
11	0.30	0.12	1.12	12	23	25	37	31	15	1.75	0.58	0.08
12	0.30	0.29	0.97	11	20	25	34	31	14	1.86	0.58	0.16
13	0.29	0.38	0.82	10	20	25	32	34	12	1.70	0.58	0.19
14	0.29	0.36	0.66	9.16	18	24	30	37	11	1.35	0.62	0.16
15	0.29	0.30	0.58	8.44	16	23	28	40	9.96	1.24	0.54	0.12
16	0.30	0.26	0.66	7.72	14	22	25	43	9.28	1.35	0.50	0.10
17	0.29	0.26	0.97	6.28	14	23	23	51	8.44	1.30	0.50	0.12
18	0.29	0.23	1.35	5.30	13	23	22	57	7.60	1.27	0.48	0.21
19	0.27	0.19	1.98	4.62	11	28	21	66	6.52	1.18	0.50	0.23
20	0.27	0.18	2.58	3.27	9.82	32	20	71	5.80	1.21	0.42	0.22
21	0.27	0.19	2.64	2.70	8.44	33	18	72	5.50	1.27	0.25	0.17
22	0.28	0.19	3.09	2.64	7.12	34	17	72	5.30	1.18	0.23	0.11
23	0.32	0.21	4.35	2.46	6.16	34	17	72	4.90	1.09	0.24	0.12
24	0.27	0.22	5.30	2.28	6.04	35	17	71	4.53	1.12	0.19	0.13
25	0.27	0.22	6.16	2.04	6.40	35	19	70	3.99	1.00	0.22	0.66
26	0.40	0.21	6.64	2.04	6.52	37	22	69	3.72	1.00	0.25	1.60
27	0.36	0.19	6.76	2.04	6.40	37	26	66	3.36	1.00	0.24	1.55
28	0.36	0.17	7.60	1.45	7.48	41	30	62	2.94	0.94	0.24	1.27
29	0.38	0.15	7.84	1.40	8.80	42	36	58	2.76	0.91	0.24	1.15
30	0.38	0.14	7.96	1.98	7.96	42	43	53	2.70	0.82	–	1.03
31	–	0.15	–	2.04	7.60	–	47	–	2.52	0.73	–	0.91
Total	8.51	5.87	83.66	214.54	406.58	835	995	1,445	458.82	43.47	13.58	12.00
Mean	0.28	0.19	2.79	6.92	13.1	27.8	32.1	48.2	14.8	1.40	0.47	0.39
Max.	0.40	0.38	7.96	15	27	42	47	72	49	2.46	0.73	1.60
Min.	0.15	0.08	0.24	1.40	2.64	10	17	28	2.52	0.73	0.19	0.07
Runoff - mcm.	0.735	0.507	7.228	18.536	35.128	72.144	85.968	124.848	39.642	3.756	1.173	1.037

WATER YEAR 1974 : Max. 72 Min. 0.07 Mean 12.3 Annual Runoff 390.703 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.21	15.00	163.91	72				

MUN RIVER BASIN

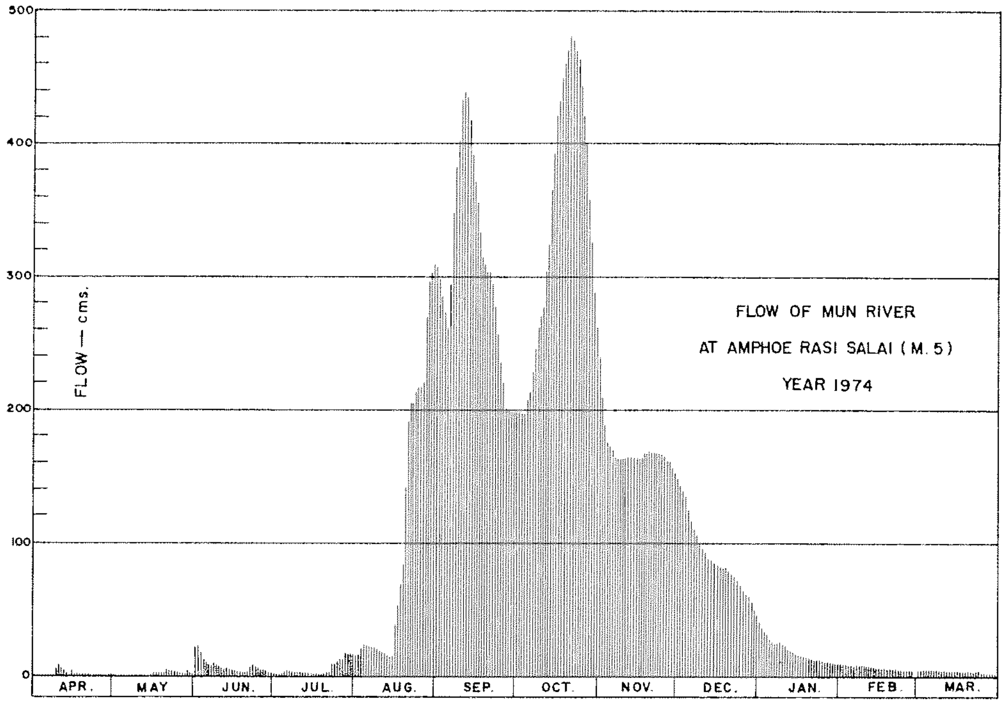
Mun River at Amphoe Rasi Salai, Si Sa Ket (M.5)

Location:	Lat. 15°-20'-16" N., Long. 103°-09'-29" E., on left bank infront of Amphoe Rasi Salai office, Si Sa Ket.
Drainage Area:	44,275 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 110.00 m. (M.S.L.)
Bench Mark:	B.M. of Army Survey Department No. 801
Location:	on east site of staff gage behind the office of police station.
Elevation:	+ 119.194 m. (M.S.L.)
Gage Reading Frequency:	3-5 time daily readings at 06.00, 12.00, 18.00 hours on April - May, December - March and 06.00, 09.00, 12.00, 15.00, 18.00 hours on June - November.
Basis of Mean Daily Gage Height:	Arithmetic mean of 3-5 readings.
Period of Available Gage Records:	1955 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relationship defined by 26 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	110.13	110.13	110.65	110.21	110.55	113.31	112.53	112.83	112.13	110.97	110.41	110.29
2	.14	.13	.68	.20	.54	.25	.53	.62	.08	.91	.40	.28
3	.14	.14	.58	.19	.65	.16	.52	.47	.04	.86	.39	.27
4	.13	.14	.49	.19	.70	.07	.52	.36	.00	.82	.39	.27
5	.13	.13	.43	.26	.69	112.99	.61	.33	119.91	.78	.39	.27
6	110.12	110.12	110.38	110.29	110.67	113.22	112.67	112.31	111.85	110.74	110.38	110.30
7	.12	.11	.33	.27	.66	.48	.75	.27	.79	.72	.38	.29
8	.12	.10	.42	.25	.65	.82	.88	.26	.75	.71	.38	.29
9	.30	.09	.39	.25	.63	114.01	.99	.26	.69	.71	.38	.28
10	.38	.11	.37	.25	.62	.14	113.05	.26	.64	.70	.37	.27
11	110.32	110.10	110.32	110.24	110.60	114.19	113.10	112.27	111.62	110.68	110.37	110.27
12	.27	.09	.28	.23	.58	.16	.21	.27	.58	.64	.37	.26
13	.22	.09	.33	.22	.55	.05	.42	.27	.55	.61	.36	.26
14	.20	.10	.30	.21	.52	113.88	.70	.26	.54	.60	.35	.25
15	.27	.16	.26	.21	.56	.74	.88	.26	.51	.57	.34	.26
16	110.19	110.19	110.25	110.20	110.90	113.64	114.07	112.26	111.50	110.56	110.33	110.26
17	.18	.19	.25	.19	111.12	.49	.14	.26	.49	.55	.32	.26
18	.17	.18	.24	.18	.30	.36	.25	.28	.48	.54	.31	.25
19	.16	.18	.23	.18	.50	.33	.32	.29	.47	.53	.31	.25
20	.16	.20	.22	.20	112.07	.29	.39	.30	.45	.52	.31	.25
21	110.16	110.29	110.26	110.23	112.48	113.29	114.45	112.29	111.42	110.50	110.31	110.24
22	.15	.28	.36	.23	.59	.22	.43	.29	.41	.49	.30	.23
23	.15	.25	.39	.38	.59	.10	.38	.29	.38	.47	.30	.26
24	.15	.24	.35	.39	.66	112.95	.33	.28	.36	.47	.30	.25
25	.15	.24	.32	.44	.68	.80	.22	.28	.31	.46	.30	.22
26	110.14	110.23	110.31	110.49	112.66	112.65	114.07	112.27	111.28	110.45	110.29	110.22
27	.14	.21	.29	.48	.81	.56	113.85	.24	.24	.44	.29	.20
28	.14	.17	.26	.59	113.06	.55	.65	.24	.21	.44	.29	.20
29	.14	.27	.24	.59	.24	.54	.42	.19	.16	.43	-	.19
30	.14	.23	.22	.58	.29	.54	.18	.16	.09	.42	-	.19
31	-	.19	-	.57	.33	-	112.98	-	.04	.42	-	.19
Mean	110.18	110.17	110.35	110.30	111.53	113.33	113.50	112.31	111.55	110.60	110.34	110.25
Max.	110.38	110.29	110.68	110.59	113.33	114.19	114.45	112.83	112.13	110.97	110.41	110.29
Min.	110.12	110.09	110.22	110.18	110.52	112.54	112.52	112.16	111.04	110.42	110.29	110.19

WATER YEAR 1974 : Max. 114.45 m. ∧ 110.09 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.60	1.60	22	3.30	16	307	198	239	149	42	10	5.70
2	1.80	1.60	24	3.00	16	298	198	210	144	38	10	5.40
3	1.80	1.80	18	2.80	22	285	197	190	139	35	9.60	5.10
4	1.60	1.80	14	2.80	25	273	197	176	135	32	9.60	5.10
5	1.60	1.60	11	4.80	24	262	208	173	125	30	9.60	5.10
6	1.40	1.40	9.20	5.70	23	294	217	170	118	27	9.20	6.00
7	1.40	1.20	7.20	5.10	23	333	228	165	112	26	9.20	5.70
8	1.40	1.00	11	4.50	22	384	246	164	108	26	9.20	5.70
9	6.00	0.90	9.60	4.50	21	412	262	164	102	26	9.20	5.40
10	9.20	1.30	8.80	4.50	20	432	270	164	97	25	8.80	5.10
11	6.80	1.00	6.80	4.20	19	439	277	165	95	24	8.80	5.10
12	5.10	0.90	5.40	3.90	18	435	292	165	91	21	8.80	4.80
13	3.60	0.90	7.20	3.60	16	418	324	165	88	20	8.40	4.80
14	3.00	1.00	6.00	3.30	15	393	366	164	88	19	8.00	4.50
15	5.10	2.20	4.80	3.30	17	372	393	164	85	17	7.60	4.80
16	2.80	2.80	4.50	3.00	37	357	421	164	84	17	7.20	4.80
17	2.60	2.80	4.50	2.80	54	334	432	164	83	16	6.80	4.80
18	2.40	2.60	4.20	2.60	68	315	449	167	82	16	6.40	4.50
19	2.20	2.60	3.90	2.60	84	310	460	168	82	15	6.40	4.50
20	2.20	3.00	3.60	3.00	143	304	471	169	80	15	6.40	4.50
21	2.20	5.70	4.80	3.90	191	304	481	168	78	14	6.40	4.20
22	2.00	5.40	8.40	3.90	206	294	478	168	77	14	6.00	3.90
23	2.00	4.50	9.60	9.20	206	277	470	168	74	13	6.00	4.80
24	2.00	4.20	8.00	9.60	215	256	462	167	73	13	6.00	4.50
25	2.00	4.20	6.80	12	218	235	444	167	69	12	6.00	3.60
26	1.80	3.90	6.40	14	218	214	421	165	66	12	5.70	3.60
27	1.80	3.30	5.70	13	236	202	388	162	63	12	5.70	3.00
28	1.80	3.10	4.80	18	271	200	358	162	61	12	5.70	3.00
29	1.80	5.10	4.20	18	297	199	324	156	57	11	–	2.80
30	1.80	3.90	3.60	18	304	199	288	153	51	11	–	2.80
31	–	3.70	–	17	310	–	260	–	47	11	–	2.80
Total	82.80	81.00	248.00	209.90	3,352	9,337	10,480	5,106	2,803	622	216.70	140.40
Mean	2.76	2.61	8.27	6.77	108	311	338	170	90.4	20.1	7.74	4.53
Max.	9.20	5.70	24	18	310	439	481	239	149	42	10	5.70
Min.	1.40	0.90	3.60	2.60	15	199	197	153	47	11	5.70	2.80
Runoff – mcm.	7.154	6.998	21.427	18.135	289.613	806.717	905.472	441.158	242.179	53.741	18.723	12.130

WATER YEAR 1974 : Max. 481 Min. 0.90 Mean 89.5 Annual Runoff 2,823.448 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 21.	15.00	114.46	483				

MUN RIVER BASIN

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

Location: Lat. 15°–17'–44" N., Long. 103°–17'–51" E., on right bank infront of Amphoe Satuk, Buri Ram.

Drainage Area: 28,275 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 124.00 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: infront of automatic gage building.
Elevation: + 132.339 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1964–1970, 1971 to date.

Rating Operation:

Period of Rating: 1970, 1976 to date.
Rated by Float: –
Rated by Current Meter: 1970, 1976 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

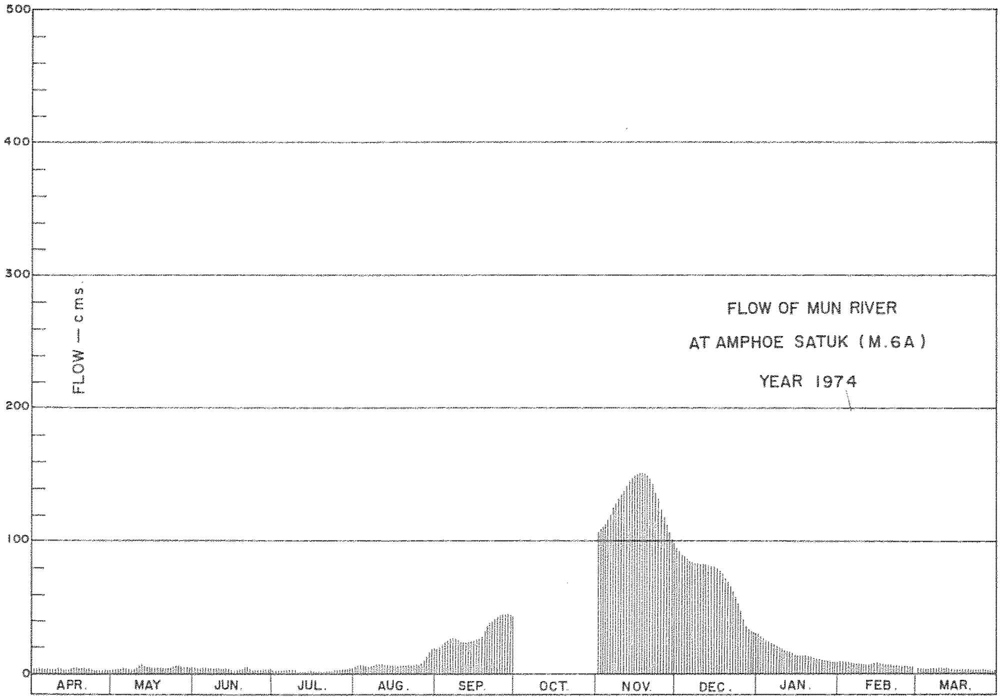
General Description: Records poor. Stage-discharge relationship defined by 17 discharge measurements made in 1970.

Remarks: No gage height and discharge records on period October 1–31, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	124.24	124.18	124.29	124.17	124.35	124.88		126.94	126.76	125.26	124.54	124.33
2	.24	.18	.28	.17	.41	.90		.97	.72	.22	.52	.31
3	.23	.18	.26	.19	.40	.95		127.00	.67	.16	.53	.31
4	.21	.19	.25	.19	.38	125.02		.04	.62	.13	.51	.29
5	.20	.24	.24	.18	.37	.07		.10	.59	.08	.50	.28
6	124.20	124.24	124.24	124.17	124.36	125.11		127.15	126.57	125.05	124.48	124.28
7	.20	.21	.24	.16	.36	.14		.21	.55	.00	.48	.29
8	.20	.19	.24	.15	.39	.12		.26	.53	124.96	.48	.30
9	.21	.18	.27	.14	.39	.09		.31	.52	.92	.48	.28
10	.22	.21	.25	.12	.40	.07		.35	.52	.90	.47	.27
11	124.20	124.33	124.24	124.11	124.39	125.05		127.39	126.52	124.86	124.46	124.28
12	.20	.35	.24	.10	.40	.04		.43	.51	.85	.47	.27
13	.21	.33	.23	.11	.40	.03		.47	.49	.83	.48	.28
14	.19	.31	.22	.12	.40	.05		.49	.49	.80	.48	.28
15	.21	.29	.18	.13	.41	.06		.51	.49	.77	.48	.27
16	124.27	124.28	124.18	124.12	124.41	125.00		127.53	126.46	124.74	124.48	124.26
17	.26	.27	.18	.12	.40	.11		.55	.43	.73	.47	.26
18	.24	.27	.18	.12	.39	.14		.55	.40	.72	.46	.25
19	.23	.26	.20	.10	.39	.24		.54	.34	.72	.45	.24
20	.23	.25	.30	.09	.38	.37		.52	.28	.69	.44	.25
21	124.21	124.26	124.29	124.10	124.39	125.48		127.49	126.20	124.68	124.42	124.25
22	.21	.25	.26	.12	.40	.53		.45	.11	.66	.41	.25
23	.20	.25	.22	.11	.39	.58		.36	.00	.66	.41	.24
24	.20	.26	.19	.12	.40	.62		.32	125.90	.63	.40	.23
25	.18	.33	.18	.14	.42	.67		.23	.77	.61	.39	.23
26	124.18	124.33	124.18	124.14	124.45	125.67		127.11	125.63	124.60	124.38	124.23
27	.18	.31	.17	.15	.55	.67		.07	.51	.58	.39	.24
28	.18	.33	.17	.18	.66	.70		126.99	.43	.59	.38	.22
29	.18	.33	.18	.23	.76	.69		.89	.37	.58	–	.19
30	.18	.29	.20	.26	.85	.68		.82	.33	.55	–	.19
31	–	.29	–	.30	.90	–		–	.30	.55	–	.19
Mean	124.20	124.26	124.22	124.14	124.45	125.26		127.26	126.22	124.80	124.45	124.25
Max.	124.27	124.35	124.30	124.30	124.90	125.70		127.55	126.76	125.26	124.54	124.33
Min.	124.18	124.18	124.17	124.09	124.35	124.88		126.82	125.30	124.54	124.38	124.19

WATER YEAR 1974 : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.60	3.70	5.35	3.55	6.50	19		107	97	31	10	6.10
2	4.60	3.70	5.20	3.55	7.70	20		109	94	30	10	5.70
3	4.45	3.70	4.90	3.85	7.50	21		111	91	28	10	5.70
4	4.15	3.85	4.75	3.85	7.10	24		114	89	27	10	5.35
5	4.00	4.60	4.60	3.70	6.90	25		118	87	25	9.50	5.20
6	4.00	4.60	4.60	3.55	6.70	26		121	86	24	9.10	5.20
7	4.00	4.15	4.60	3.40	6.70	27		126	85	23	9.10	5.35
8	4.00	3.85	4.60	3.25	7.30	27		129	84	22	9.10	5.50
9	4.15	3.70	5.05	3.10	7.30	26		133	84	21	9.10	5.20
10	4.30	4.15	4.75	2.80	7.50	25		136	84	20	8.90	5.05
11	4.00	6.10	4.60	2.65	7.30	24		139	84	19	8.70	5.20
12	4.00	6.50	4.60	2.50	7.50	24		142	83	18	8.90	5.05
13	4.15	6.10	4.45	2.65	7.50	24		146	82	18	9.10	5.20
14	3.85	5.70	4.30	2.80	7.50	24		147	82	17	9.10	5.20
15	4.15	5.35	3.70	2.95	7.70	25		149	82	16	9.10	5.05
16	5.05	5.20	3.70	2.80	7.70	26		151	81	15	9.10	4.90
17	4.90	5.05	3.70	2.80	7.50	26		152	79	15	8.90	4.90
18	4.60	5.05	3.70	2.80	7.30	27		152	78	15	8.70	4.75
19	4.45	4.90	4.00	2.50	7.30	30		152	75	15	8.50	4.60
20	4.45	4.75	5.50	2.37	7.10	34		150	72	14	8.30	4.75
21	4.15	4.90	5.35	2.50	7.30	38		147	68	13	7.90	4.75
22	4.15	4.75	4.90	2.80	7.50	39		144	63	13	7.70	4.75
23	4.00	4.75	4.30	2.65	7.30	41		137	58	13	7.70	4.60
24	4.00	4.90	3.85	2.80	7.50	43		134	54	12	7.50	4.45
25	3.70	6.10	3.70	3.10	7.90	45		127	49	12	7.30	4.45
26	3.70	6.10	3.70	3.10	8.50	45		119	43	11	7.10	4.45
27	3.70	5.70	3.55	3.25	10	45		116	39	11	7.30	4.60
28	3.70	6.10	3.55	3.70	13	46		110	36	11	7.10	4.30
29	3.70	6.10	3.70	4.45	16	46		104	34	11	–	3.85
30	3.70	5.35	4.00	4.90	18	45		100	33	10	–	3.85
31	–	5.35	–	5.50	20	–		–	32	10	–	3.85
Total	124.35	154.80	131.25	100.17	268.60	937		3,922	2,188	540	242.80	151.85
Mean	4.14	4.99	4.37	3.23	8.66	31.2		130	70.6	17.4	8.67	4.89
Max.	5.05	6.50	5.50	5.50	20	46		152	97	31	10	6.10
Min.	3.70	3.70	3.55	2.37	6.50	19		100	32	10	7.10	3.85
Runoff - mcm.	10.744	13.375	11.340	8.655	23.207	80.957		338.861	189.043	46.656	20.978	13.120

WATER YEAR 1974 : Max. 152 Min. 2.37 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.17	24.00	127.56	156				

MUN RIVER BASIN

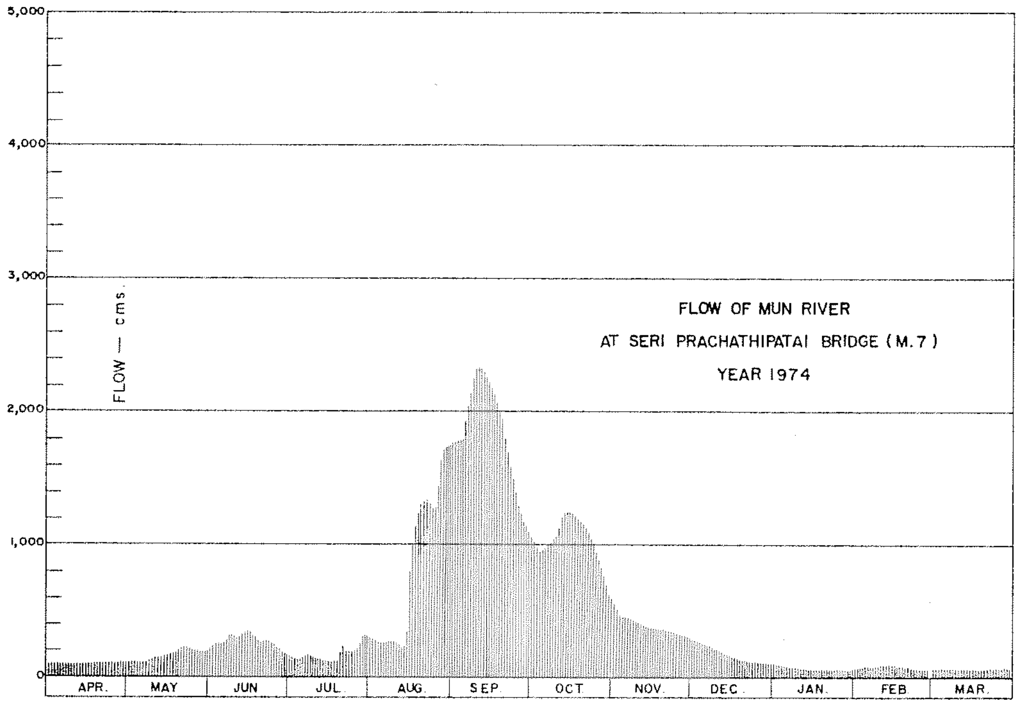
Mun River at Seri Prachathipatai Bridge, Ubon Ratchathani (M.7)

Location:	Lat. 15°-13'-17" N., Long 104°-51'-39" E., on left bank at abutment of Seri Prachathipatai bridge, Amphoe Muang, Ubon Ratchathani.
Drainage Area:	106,673 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 105.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near abutment of the bridge.
Elevation:	+ 113.317 m. (M.S.L.)
Gage Reading Frequency:	2-time daily readings at 09.00 and 15.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 2 readings.
Period of Available Gage Records:	1948 to date.
Rating Operation:	
Period of Rating:	1956-1958, 1964 to date.
Rated by Float:	-
Rated by Current Meter:	1956-1958, 1964 to date.
Stability of Channel Regimes:	Rather unstable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 30 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	106.75	106.85	107.31	107.12	107.59	110.73	109.44	108.34	107.57	106.83	106.67	106.60
2	.76	.83	.35	.06	.52	.75	.36	.24	.53	.81	.67	.61
3	.74	.82	.40	.01	.48	.75	.23	.15	.52	.79	.68	.62
4	.73	.81	.44	.00	.44	.77	.17	.05	.49	.78	.69	.63
5	.73	.81	.42	106.99	.41	.79	.22	.04	.47	.77	.70	.64
6	106.73	106.81	107.41	107.05	107.41	110.97	109.23	108.02	107.44	106.76	106.69	106.64
7	.73	.83	.42	.08	.47	111.15	.28	.01	.41	.75	.70	.65
8	.74	.86	.58	.11	.48	.38	.33	.02	.38	.73	.71	.65
9	.75	.88	.67	.08	.49	.53	.36	107.99	.34	.71	.74	.65
10	.75	.92	.65	.03	.48	.62	.40	.95	.32	.70	.76	.64
11	106.74	106.99	107.60	106.99	107.45	111.66	109.49	107.91	107.29	106.69	106.77	106.64
12	.74	107.00	.57	107.00	.37	.64	.66	.90	.26	.68	.77	.64
13	.76	.00	.69	106.97	.30	.61	.74	.87	.22	.67	.78	.63
14	.76	.03	.70	.93	.36	.56	.80	.84	.19	.67	.81	.63
15	.78	.06	.69	.91	.68	.47	.80	.83	.12	.66	.80	.63
16	106.78	107.13	107.75	106.87	108.79	111.43	109.79	107.81	107.08	106.66	106.78	106.63
17	.78	.16	.74	.84	109.27	.32	.76	.80	.04	.65	.77	.62
18	.79	.18	.66	.83	.57	.20	.73	.79	.01	.65	.75	.62
19	.80	.19	.56	.83	.71	.14	.71	.79	.00	.64	.73	.62
20	.79	.22	.50	107.00	.84	.00	.67	.79	106.99	.65	.71	.62
21	106.79	107.27	107.48	107.31	109.95	110.84	109.63	107.78	106.98	106.65	106.68	106.61
22	.79	.31	.53	.32	.96	.67	.55	.77	.96	.65	.65	.62
23	.79	.32	.51	.23	.96	.48	.51	.76	.95	.64	.62	.63
24	.79	.30	.48	.21	.87	.28	.41	.74	.96	.64	.60	.64
25	.87	.28	.44	.19	.82	.12	.30	.72	.94	.64	.60	.64
26	106.83	107.25	107.38	107.18	109.91	109.96	109.15	107.69	106.92	106.63	106.59	106.64
27	.81	.22	.31	.28	110.21	.80	.01	.66	.91	.63	.59	.65
28	.81	.21	.24	.37	.51	.68	108.86	.62	.88	.63	.59	.65
29	.85	.20	.16	.61	.64	.59	.72	.61	.86	.64	-	.65
30	.86	.19	.12	.64	.66	.50	.58	.59	.86	.65	-	.66
31	-	.22	-	.65	.71	-	.46	-	.85	.66	-	.66
Mean	106.78	107.07	107.49	107.12	108.75	110.85	109.37	107.87	107.15	106.69	106.70	106.63
Max.	106.87	107.32	107.70	107.65	110.71	111.66	109.80	108.34	107.57	106.83	106.81	106.66
Min.	106.73	106.81	107.12	106.83	107.30	109.50	108.46	107.59	106.85	106.63	106.59	106.60

WATER YEAR 1974 : Max. 111.66 m. Min. 106.59 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	94	114	221	173	301	1,763	1,068	564	295	110	80	68
2	96	110	231	159	280	1,775	1,029	534	283	106	80	70
3	93	108	245	148	268	1,775	968	499	280	102	82	71
4	91	105	257	146	257	1,787	940	461	271	100	83	73
5	91	106	251	144	248	1,798	963	458	265	98	85	75
6	91	106	248	157	248	1,907	968	450	257	96	83	75
7	91	110	251	164	265	2,017	991	447	248.	94	85	76
8	93	116	298	170	268	2,160	1,014	450	240	91	87	76
9	94	120	326	164	271	2,255	1,029	439	229	87	93	76
10	94	128	320	153	268	2,313	1,048	424	223	85	96	75
11	93	144	304	144	259	2,338	1,092	410	215	83	98	75
12	93	146	295	146	237	2,326	1,179	406	208	82	98	75
13	96	146	333	139	218	2,306	1,221	395	197	80	100	73
14	96	153	336	131	234	2,274	1,253	384	190	80	106	73
15	100	159	337	126	330	2,217	1,253	381	173	78	104	73
16	100	175	353	118	769	2,192	1,248	374	164	78	100	73
17	100	182	350	112	986	2,123	1,232	370	155	76	98	71
18	102	187	323	110	1,133	2,048	1,216	367	148	76	94	71
19	104	190	292	110	1,205	2,011	1,205	367	146	75	91	71
20	102	197	274	146	1,274	1,925	1,184	367	144	76	87	71
21	102	210	268	221	1,332	1,828	1,164	363	142	76	82	70
22	102	221	283	223	1,338	1,729	1,122	360	137	76	76	71
23	102	223	277	200	1,338	1,621	1,102	356	135	75	71	73
24	102	218	268	195	1,290	1,510	1,053	350	137	75	68	75
25	118	213	257	190	1,264	1,424	1,000	343	133	75	68	75
26	110	205	240	187	1,311	1,338	931	333	128	73	66	75
27	106	197	221	213	1,472	1,253	867	323	126	73	66	76
28	106	195	202	237	1,638	1,190	799	310	120	73	66	76
29	114	192	182	307	1,712	1,143	736	307	116	75	–	76
30	116	190	173	317	1,723	1,097	674	301	116	76	–	78
31	–	197	–	320	1,752	–	624	–	114	78	–	78
Total	2,992	5,064	8,212	5,470	25,489	55,443	32,173	11,893	5,735	2,578	2,393	2,284
Mean	99.7	163	274	176	822	1,848	1,038	396	185	83.2	85.5	73.7
Max.	118	233	336	320	1,752	2,338	1,253	564	295	110	106	78
Min.	91	106	173	110	218	1,097	624	301	114	73	66	68
Runoff – mcm.	258.509	437.530	709.517	472.608	2,202.250	4,790.275	2,779.747	1,027.555	495.504	222.739	206.755	197.338

WATER YEAR 1974 : Max. 2,338 Min. 66 Mean 438 Annual Runoff 13,800.326mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.11, 74	18.00	111.67	2,345				

MUN RIVER BASIN

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

Location: Lat. 15°-01'-05" N., Long. 102°-48'-55" E., on left bank about 60 meters upstream from railway bridge, Amphoe Lam Plai Mat, Buri Ram.

Drainage Area: 5,025 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 149.50 m. (M.S.L.)

Bench Mark: B.M. M8

Location: at the foot of the ladder of automatic gage building.
Elevation: + 155.859 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1951 to date.

Rating Operation:

Period of Rating: 1967
Rated by Float: -
Rated by Current Meter: 1967

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

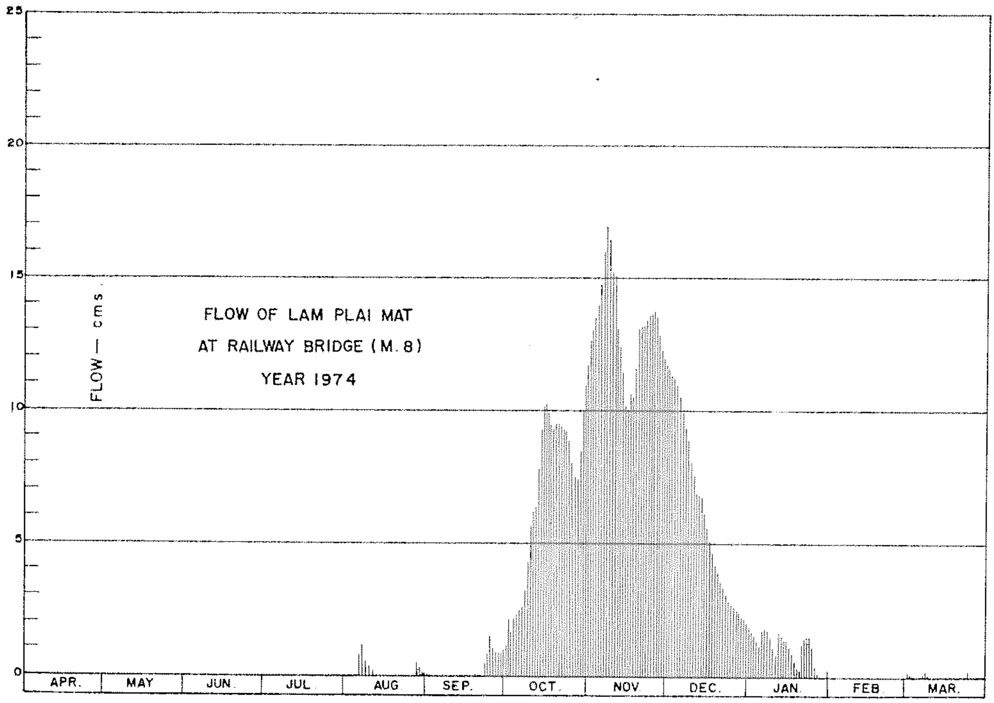
General Description: Records poor. Stage-discharge relation defined by 96 discharge measurements made in 1967.

Remarks: No records on period February 1 - 29, 1975. Discharge record for period of no flow are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	150.08	150.08	149.98	149.94	150.02	150.12	150.38	151.79	151.78	150.50		150.14
2	.09	.08	.98	.95	.03	.12	.57	.89	.75	.46		.13
3	.07	.07	.97	.96	.04	.11	.44	.99	.74	.44		.12
4	.04	.06	.97	.96	.02	.10	.57	152.02	.70	.39		.12
5	.02	.04	.97	.96	.00	.09	.61	.04	.66	.37		.10
6	150.00	150.04	149.98	149.96	150.31	150.08	150.64	152.12	151.64	150.49		150.10
7	149.99	.03	.99	.95	.38	.08	.66	.24	.59	.50		.14
8	.99	.02	.99	.95	.27	.10	.75	.31	.53	.49		.15
9	.98	.02	.99	.94	.20	.11	.90	.28	.47	.44		.12
10	150.02	.02	.99	.94	.20	.09	151.07	.18	.39	.35		.09
11	150.05	150.02	149.98	149.94	150.17	150.07	151.15	152.16	151.32	150.30		150.06
12	.07	.02	.95	.93	.14	.06	.18	151.95	.24	.48		.05
13	.12	.01	.97	.93	.11	.06	.35	.82	.23	.46		.05
14	.07	.01	.97	.93	.10	.06	.52	.70	.17	.42		.03
15	.04	.00	.96	.93	.10	.07	.62	.62	.13	.41		.02
16	150.04	150.00	149.96	149.93	150.10	150.07	151.63	151.61	151.07	150.37		150.02
17	.04	.00	.96	.93	.09	.06	.58	.67	.01	.31		.02
18	.04	.00	.95	.93	.08	.10	.53	.65	150.95	.26		.01
19	.03	.00	.94	.93	.06	.12	.53	.78	.89	.18		.01
20	.06	.00	.94	.93	.06	.12	.55	.90	.84	.16		149.99
21	150.07	150.00	149.94	149.93	150.06	150.11	151.55	151.95	150.80	150.38		149.99
22	.07	.00	.94	.93	.08	.10	.53	.95	.77	.42		.99
23	.07	.00	.94	.93	.09	.23	.52	.98	.73	.44		150.03
24	.07	149.99	.93	.93	.11	.34	.48	152.00	.69	.44		.16
25	.07	.99	.92	.93	.11	.45	.41	.01	.67	.36		.12
26	150.07	150.00	149.92	149.93	150.11	150.36	151.33	152.02	150.66	150.19		150.09
27	.07	.00	.92	.93	.09	.33	.28	.00	.64	.14		.07
28	.08	.00	.92	.93	.23	.32	.31	151.92	.62	.05		.05
29	.08	.00	.92	.99	.18	.32	.43	.85	.59	.01		.04
30	.08	.00	.94	150.01	.14	.34	.59	.81	.58	.02		.03
31	-	149.98	-	.02	.13	-	.68	-	.55	.18		.02
Mean	150.05	150.01	149.96	149.94	150.12	150.16	151.20	151.94	151.11	150.33		150.07
Max.	150.12	150.08	149.99	150.02	150.38	150.45	151.68	152.31	151.78	150.50		150.16
Min.	149.98	149.98	149.92	149.93	150.00	150.06	150.38	151.61	150.55	150.01		149.99

WATER YEAR 1974 : Max. 152.31 m. Min. 149.98 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.00	0.00	0.00	0.00	0.08	1.20	12	12	1.80		0.16
2						0.08	2.15	13	11	1.60		0.12
3						0.04	1.50	13	11	1.50		0.08
4						0.00	2.15	14	11	1.25		0.08
5					0.00		2.36	14	10	1.15		0.00
6					0.85		2.54	15	10	1.75		0.00
7					1.20		2.66	16	9.91	1.80		0.16
8					0.68	0.00	3.25	17	9.37	1.75		0.20
9					0.40	0.04	4.30	16	8.83	1.50		0.08
10					0.40	0.00	5.56	15	8.12	1.05		0.00
11					0.28		6.20	15	7.56	0.80		
12	0.00				0.16		6.44	13	6.92	1.70		
13	0.08				0.04		7.80	12	6.84	1.60		
14	0.00				0.00		9.28	11	6.36	1.40		
15							10	10	6.04	1.35		
16							10	10	5.56	1.15		
17							9.82	11	5.08	0.85		
18						0.00	9.37	10	4.65	0.64		
19						0.08	9.37	12	4.23	0.32		
20						0.08	9.55	13	3.88	0.24		
21						0.04	9.55	13	3.60	1.20		
22						0.00	9.37	13	3.39	1.40		
23					0.00	0.52	9.28	13	3.11	1.50		0.00
24					0.04	1.00	8.92	14	2.84	1.50		0.24
25					0.04	1.55	8.29	14	2.72	1.10		0.08
26					0.00	1.10	7.64	14	2.66	0.36		0.00
27					0.00	0.95	7.24	14	2.54	0.16		
28					0.52	0.90	7.48	13	2.42	0.00		
29					0.32	0.90	8.47	12	2.25	0.00		
30	0.00		0.00		0.16	1.00	9.91	12	2.20	0.00		
31	–	0.00	–	0.00	0.12	–	11	–	2.05	0.32		0.00
Total	0.08	0.00	0.00	0.00	5.21	8.36	212.65	394	188.13	32.74		1.20
Mean	0.003	0.00	0.00	0.00	0.17	0.28	6.86	13.1	6.07	1.06		0.038
Max.	0.08	0.00	0.00	0.00	1.20	1.55	11	17	12	1.80		0.24
Min.	0.00	0.00	0.00	0.00	0.00	0.00	1.20	10	2.05	0.00		0.00
Runoff - mcm.	0.007	0.00	0.00	0.00	0.450	0.722	18.373	34.042	16.254	2.829		0.104

WATER YEAR 1974 : Max. 17 Min. 0.00 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.9		152.32	17				

MUN RIVER BASIN

Huai Samran at Highway Bridge, Si Sa Ket (M.9)

Location: Lat. 15^0-07'-00" N., Long. 104^0-19'-20" E., on left bank downstream side of the bridge, and about 200 meters north of city jail, Amphoe Muang, Si Sa Ket.

Drainage Area: 3,026 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 109.00 m. (M.S.L.)

Bench Mark: B.M. No. 0339

Location: on right bank at abutment of highway bridge.
Elevation: + 123.034 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1954 to date.

Rating Operation:

Period of Rating: 1951, 1972 to date.
Rated by Float: -
Rated by Current Meter: 1951, 1972 to date.

Stability of Channel Regimes: Fairly stable, shifting adjustment is included for flow computation.

Overbank Flow Conditions: No overbank flow.

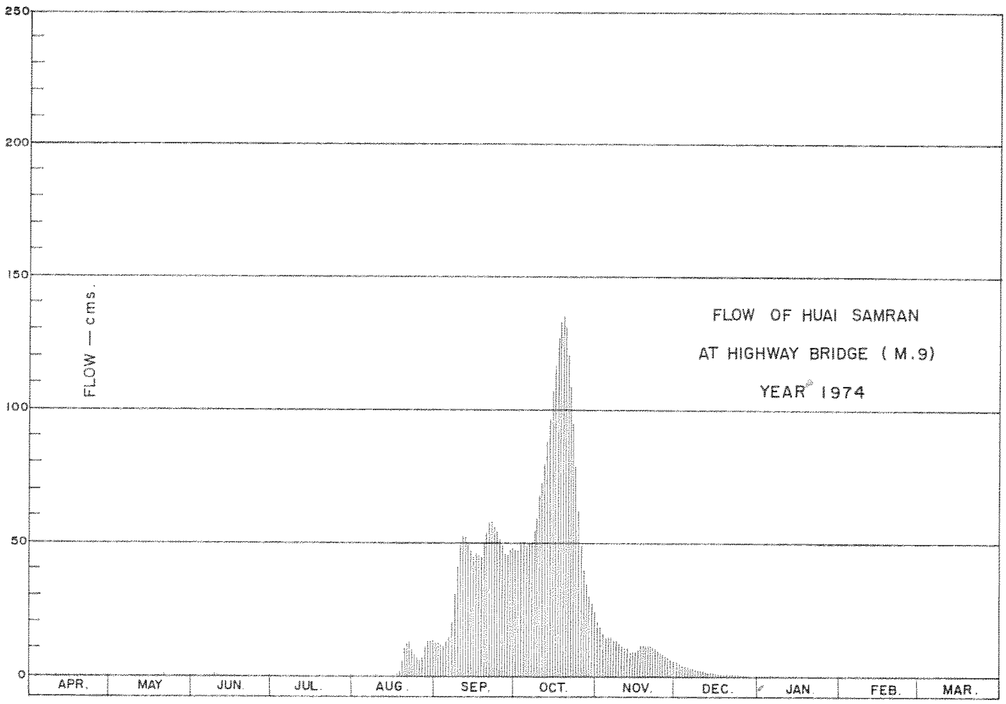
General Description: Records fair. Stage-discharge relation defined by 39 discharge measurements made in 1974.

Remarks: No records on April 26-30, May 10-15, 1974. Asterisk (*) designated the discharge estimated from discharge hydrograph.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	109.08	109.12	109.20	109.16	109.35	112.47	113.15	111.67	110.36	109.38	109.19	109.18
2	.14	.10	.24	.18	.31	.44	.13	.49	.31	.39	.19	.16
3	.11	.14	.33	.18	.30	.48	.25	.34	.22	.38	.21	.14
4	.07	.19	.32	.21	.28	.52	.26	.22	.17	.38	.30	.15
5	.12	.24	.29	.17	.26	.54	.22	.16	.11	.38	.27	.14
6	109.10	109.25	109.32	109.16	109.24	112.73	113.21	111.17	110.08	109.36	109.30	109.14
7	.07	.18	.31	.27	.24	113.01	.28	.14	.05	.33	.24	.14
8	.06	.11	.34	.32	.26	.57	.45	.08	.04	.32	.24	.15
9	.17	.09	.66	.24	.63	114.11	.66	.06	.01	.32	.23	.13
10	.53		.50	.20	.55	.46	.93	110.98	109.96	.32	.22	.19
11	109.41		109.34	109.13	109.37	114.67	114.18	110.90	109.92	109.30	109.22	109.15
12	.32		.27	.11	.29	.56	.45	.84	.87	.29	.23	.13
13	.24		.21	.14	.21	.39	.73	.76	.83	.28	.20	.13
14	.19		.18	.17	.17	.16	115.03	.71	.79	.27	.22	.09
15	.15		.17	.16	.23	113.98	.34	.76	.75	.25	.21	.12
16	109.17	109.36	109.16	109.23	109.55	113.98	115.67	110.82	109.70	109.25	109.18	109.13
17	.18	.34	.19	.31	.95	.89	116.00	.91	.66	.25	.21	.15
18	.28	.31	.21	.35	110.33	.76	.20	.95	.58	.27	.17	.17
19	.25	.26	.26	.34	.98	.90	.25	.95	.57	.25	.19	.26
20	.20	.26	.26	.49	111.43	114.06	.14	.93	.62	.26	.21	.21
21	109.13	109.51	109.23	109.41	111.69	114.14	115.80	110.92	109.65	109.24	109.16	109.19
22	.08	.33	.19	.35	.74	.13	.42	.88	.65	.22	.18	.10
23	.13	.21	.19	.32	.64	113.99	114.95	.84	.59	.22	.18	.10
24	.09	.19	.22	.32	.55	.82	.39	.79	.54	.21	.16	.09
25	.11	.17	.17	.32	.47	.62	113.75	.71	.52	.18	.19	.11
26		109.15	109.16	109.34	111.50	113.43	113.18	110.64	109.49	109.21	109.14	109.11
27		.16	.16	.32	.78	.25	112.75	.58	.47	.19	.19	.10
28		.18	.16	.36	112.22	.20	.50	.50	.47	.21	.17	.09
29		.15	.16	.46	.42	.25	.25	.46	.44	.24		.09
30		.12	.16	.52	.45	.20	.08	.43	.42	.21		.10
31		.14		.43	.51		111.90		.40	.20		.11
Mean			109.25	109.27	110.41	113.62	114.27	110.91	109.78	109.27	109.20	109.13
Max.	109.53	109.51	109.66	109.52	112.51	114.67	116.25	111.67	110.36	109.39	109.30	109.26
Min.	109.06	109.09	109.16	109.11	109.17	112.52	111.90	110.43	109.40	109.18	109.14	109.09

WATER YEAR 1974 : Max. 116.25 m. Min. 109.17 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.16	0.24	0.40	0.32	0.70	13	48	21	5.90	0.76	0.38	0.36
2	0.28	0.20	0.48	0.36	0.62	13	48	19	5.40	0.78	0.38	0.32
3	0.22	0.28	0.66	0.36	0.58	12	51	17	4.66	0.76	0.42	0.28
4	0.14	0.38	0.64	0.42	0.52	12	51	15	4.26	0.76	0.60	0.30
5	0.24	0.48	0.58	0.34	0.42	14	50	15	3.78	0.76	0.54	0.28
6	0.20	0.50	0.64	0.32	0.36	16	50	15	3.56	0.72	0.60	0.28
7	0.14	0.36	0.62	0.54	0.34	20	51	14	3.35	0.66	0.48	0.28
8	0.12	0.22	0.68	0.64	0.32	30	55	14	3.28	0.64	0.48	0.30
9	0.34	0.18	1.54	0.48	1.03	41	60	13	3.07	0.64	0.46	0.26
10	1.09	*0.18	1.00	0.40	0.80	48	67	12	2.80	0.64	0.44	0.30
11	0.82	*0.32	0.68	0.26	0.40	53	73	11	2.60	0.60	0.44	0.30
12	0.64	*0.34	0.54	0.22	0.18	53	80	11	2.38	0.58	0.46	0.26
13	0.48	*0.38	0.42	0.28	0.00	50	88	9.90	2.20	0.56	0.40	0.26
14	0.38	*0.44	0.36	0.34	0.00	47	97	9.40	2.06	0.54	0.44	0.18
15	0.30	*0.60	0.34	0.32	0.00	45	106	9.90	1.90	0.50	0.42	0.24
16	0.34	0.72	0.32	0.46	0.40	47	117	10	1.70	0.50	0.36	0.26
17	0.36	0.68	0.38	0.62	1.15	46	127	12	1.54	0.50	0.42	0.30
18	0.56	0.62	0.42	0.70	2.42	45	134	12	1.24	0.54	0.34	0.34
19	0.50	0.52	0.52	0.68	5.90	50	136	12	1.21	0.50	0.38	0.52
20	0.40	0.52	0.52	0.98	11	54	132	12	1.38	0.52	0.42	0.42
21	0.26	1.03	0.46	0.82	13	58	121	12	1.50	0.48	0.32	0.38
22	0.16	0.66	0.38	0.70	13	59	109	11	1.50	0.44	0.36	0.20
23	0.26	0.42	0.38	0.64	10	57	95	11	1.27	0.44	0.36	0.20
24	0.18	0.38	0.44	0.64	8.50	55	79	10	1.12	0.42	0.32	0.18
25	0.22	0.34	0.34	0.64	7.00	52	62	9.40	1.06	0.36	0.38	0.22
26	*0.22	0.30	0.32	0.68	6.30	49	49	8.70	0.98	0.42	0.28	0.22
27	*0.22	0.32	0.32	0.64	8.10	46	40	8.10	0.94	0.38	0.38	0.20
28	*0.24	0.36	0.32	0.72	12	46	35	7.30	0.94	0.42	0.34	0.18
29	*0.24	0.30	0.32	0.92	14	48	31	6.90	0.88	0.48		0.18
30	*0.24	0.24	0.32	1.06	14	49	28	6.60	0.84	0.42		0.20
31		0.28		0.86	14		25		0.80	0.40		0.22
Total	9.95	12.79	15.34	17.36	147.04	1,228	2,295	318.10	70.10	17.12	11.60	8.42
Mean	0.33	0.41	0.51	0.56	4.74	40.9	74.0	10.6	2.26	0.55	0.41	0.27
Max.	1.09	1.03	1.54	1.06	14	59	138	21	5.90	0.78	0.60	0.52
Min.	0.12	0.18	0.32	0.22	0.00	12	25	6.60	0.80	0.36	0.28	0.18
Runoff - mcm.	0.859	1.105	1.325	1.499	12.704	106.099	198.288	27.483	6.056	1.479	1.002	0.727

WATER YEAR 1974 : Max. 136 Min. 0.00 Mean 11.4 Annual Runoff 358.630 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 19	12.00	116.28	137				

MUN RIVER BASIN

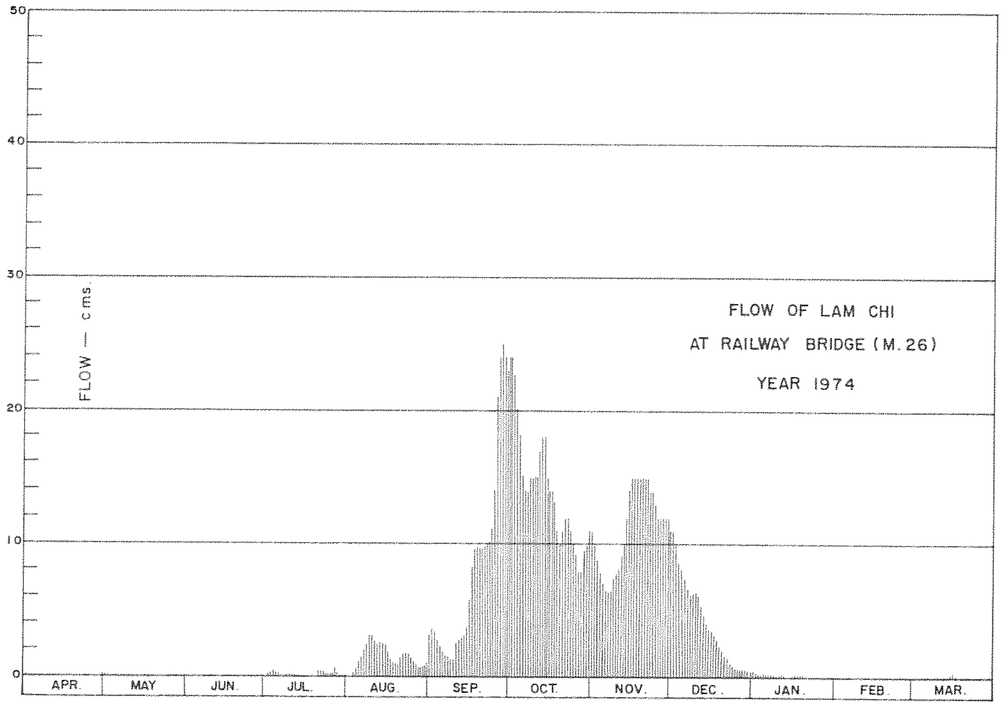
Lam Chi at Railway Bridge, Surin (M.26)

Location:	Lat. 14°–54'–03" N., Long. 103°–24'–21" E., on left bank at railway bridge, Ban Kho Kho, Amphoe Muang, Surin.
Drainage Area:	2,927 Sq.km.
Type of Gage:	Water–stage recorder.
Zero Gage at Bottom at:	+ 127.00 m. (M.S.L.)
Bench Mark:	B.M. – H.S. No. 1035 and No. 1036.
Location:	No. 1035 about 28 meters from left bank along the staff gage line. No. 1036 about 25 meters from right bank along the staff gage line.
Elevation:	No. 1035 + 134.981 m. (M.S.L.), No. 1036 + 135.203 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1954 to date.
Rating Operation:	
Period of Rating:	1967–1968.
Rated by Float:	–
Rated by Current Meter:	1967–1968.
Stability of Channel Regimes:	Unstable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage–discharge relation defined by 279 discharge measurements made during 1967–1968.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	127.49	127.56	127.48	127.56	127.53	128.50	130.85	129.66	129.70	127.80	127.49	127.51
2	.49	.53	.48	.66	.55	.59	.87	.52	.63	.75	.49	.55
3	.49	.51	.48	.68	.65	.55	.72	.40	.46	.66	.50	.53
4	.49	.51	.49	.75	.84	.42	.53	.26	.36	.66	.51	.53
5	.49	.51	.50	.66	128.02	.30	.32	.15	.29	.66	.52	.51
6	127.49	127.51	127.55	127.62	128.14	128.23	130.10	129.08	129.21	127.66	127.52	127.50
7	.49	.51	.55	.60	.27	.19	129.97	.06	.11	.66	.53	.49
8	.48	.50	.53	.60	.38	.17	.96	.08	.04	.66	.54	.47
9	.47	.51	.53	.61	.48	.07	130.03	.20	.05	.64	.55	.47
10	.46	.52	.53	.62	.48	.10	.07	.26	.07	.60	.59	.48
11	127.45	127.52	127.53	127.60	128.39	128.31	130.08	129.31	129.04	127.68	127.55	127.48
12	.44	.54	.53	.61	.34	.42	.23	.43	128.92	.66	.49	.49
13	.44	.55	.50	.57	.38	.46	.31	.64	.80	.60	.47	.49
14	.44	.55	.48	.53	.36	.51	.27	.82	.69	.58	.46	.47
15	.43	.55	.48	.49	.33	.65	.08	.95	.62	.58	.43	.62
16	127.41	127.55	127.50	127.46	128.25	128.98	130.02	130.03	128.58	127.61	127.44	127.70
17	.41	.55	.53	.46	.07	129.33	.00	.07	.53	.64	.54	.60
18	.42	.55	.53	.45	.04	.50	129.87	.08	.43	.64	.61	.54
19	.43	.55	.52	.45	.00	.52	.72	.09	.34	.64	.57	.51
20	.43	.55	.49	.50	127.97	.50	.61	.09	.29	.63	.54	.49
21	127.43	127.55	127.49	127.78	128.13	129.50	129.63	130.09	128.21	127.62	127.53	127.46
22	.42	.55	.49	.76	.23	.54	.73	.05	.12	.59	.54	.41
23	.42	.55	.48	.73	.24	.60	.78	.02	.04	.56	.54	.40
24	.42	.55	.49	.65	.22	.65	.72	129.97	127.96	.52	.54	.40
25	.42	.55	.50	.69	.16	130.02	.58	.90	.92	.52	.52	.43
26	127.42	127.52	127.50	127.63	128.05	130.58	129.41	129.82	127.86	127.51	127.49	127.46
27	.42	.52	.50	.70	127.94	.87	.28	.80	.85	.51	.48	.47
28	.38	.52	.50	.69	.87	.92	.28	.80	.85	.51	.48	.45
29	.44	.51	.51	.58	.88	.83	.48	.80	.82	.50		.45
30	.60	.52	.53	.56	.95	.78	.64	.79	.80	.48		.45
31		.49		.54	128.02		.71		.79	.48		.45
Mean	127.45	127.53	127.51	127.61	128.10	129.15	129.96	129.67	128.59	127.61	127.52	127.49
Max.	127.60	127.56	127.55	127.78	128.48	130.92	130.87	130.09	129.70	127.80	127.61	127.70
Min.	127.38	127.49	127.48	127.45	127.53	128.07	129.28	129.06	127.79	127.48	127.43	127.40

WATER YEAR 1974 : Max. 130.92 m. Min. 127.38 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.047	0.140	0.044	0.140	0.095	3.20	24	11	11	0.60	0.047	0.065
2	0.047	0.095	0.044	0.320	0.125	3.65	24	9.86	11	0.50	0.047	0.125
3	0.047	0.065	0.044	0.360	0.300	3.45	22	8.90	9.38	0.32	0.050	0.095
4	0.047	0.065	0.047	0.500	0.680	2.80	20	7.82	8.58	0.32	0.065	0.095
5	0.047	0.065	0.050	0.320	1.160	2.20	18	7.05	8.03	0.32	0.080	0.065
6	0.047	0.065	0.125	0.240	1.52	1.85	15	6.56	7.47	0.32	0.080	0.050
7	0.047	0.065	0.125	0.200	2.05	1.67	14	6.42	6.77	0.32	0.095	0.047
8	0.044	0.050	0.095	0.200	2.60	1.61	14	6.56	6.28	0.32	0.110	0.041
9	0.041	0.065	0.095	0.220	3.10	1.31	15	7.40	6.35	0.28	0.125	0.041
10	0.038	0.080	0.095	0.240	3.10	1.40	15	7.82	6.49	0.20	0.185	0.044
11	0.035	0.080	0.095	0.200	2.65	2.25	15	8.18	6.28	0.36	0.125	0.044
12	0.032	0.110	0.095	0.220	2.40	2.80	17	9.14	5.44	0.32	0.047	0.047
13	0.032	0.125	0.050	0.155	2.60	3.00	18	10	4.70	0.20	0.041	0.047
14	0.032	0.125	0.044	0.095	2.50	3.25	18	12	4.15	0.17	0.038	0.041
15	0.029	0.125	0.044	0.047	2.35	3.95	15	14	3.80	0.17	0.029	0.240
16	0.023	0.125	0.050	0.038	1.95	5.86	14	15	3.60	0.22	0.032	0.400
17	0.023	0.125	0.095	0.038	1.31	8.34	14	15	3.35	0.28	0.110	0.200
18	0.026	0.125	0.095	0.035	1.22	9.70	13	15	2.85	0.28	0.220	0.110
19	0.029	0.125	0.080	0.035	1.10	9.86	11	15	2.40	0.28	0.155	0.065
20	0.029	0.125	0.047	0.050	1.01	9.70	10	15	2.15	0.26	0.110	0.047
21	0.029	0.125	0.047	0.560	1.49	9.70	11	15	1.75	0.24	0.095	0.038
22	0.026	0.125	0.047	0.520	1.85	10	12	15	1.46	0.18	0.110	0.023
23	0.026	0.125	0.044	0.460	1.90	10	12	14	1.22	0.14	0.110	0.020
24	0.026	0.125	0.047	0.300	1.80	11	11	14	0.98	0.08	0.110	0.020
25	0.026	0.125	0.050	0.380	1.58	14	10	13	0.86	0.08	0.080	0.029
26	0.026	0.080	0.050	0.260	1.25	21	8.98	12	0.72	0.06	0.047	0.038
27	0.026	0.080	0.050	0.700	0.92	24	7.96	12	0.70	0.06	0.044	0.041
28	0.016	0.080	0.050	0.380	0.74	25	7.96	12	0.70	0.06	0.044	0.035
29	0.032	0.065	0.065	0.170	0.76	24	9.54	12	0.64	0.06		0.035
30	0.200	0.080	0.095	0.140	0.95	23	10	12	0.60	0.04		0.035
31		0.047		0.110	1.16		11		0.58	0.04		0.035
Total	1.175	3.002	2.004	7.633	48.22	253.55	437.44	338.71	130.28	7.08	2.431	2.258
Mean	0.039	0.097	0.067	0.246	1.55	8.45	14.1	11.3	4.20	0.23	0.086	0.072
Max.	0.200	0.140	0.125	0.560	3.10	25	24	15	11	0.60	0.220	0.400
Min.	0.016	0.047	0.044	0.035	0.095	1.31	7.96	6.42	0.58	0.04	0.029	0.020
Runoff - mcm.	0.101	0.259	0.173	0.659	4.166	21.907	37.795	29.264	11.256	0.612	0.210	0.195

WATER YEAR 1974 : Max. 25 Min. 0.016 Mean 3.380 Annual Runoff 106.599 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.28	06.00	130.92	25				

MUN RIVER BASIN

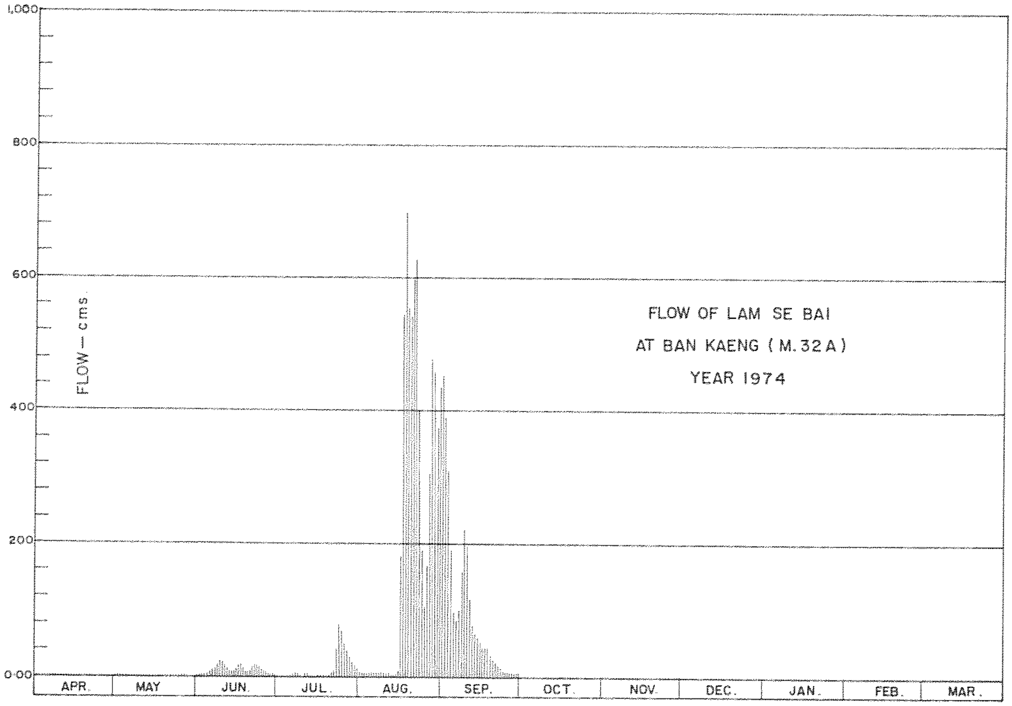
Lam Se Bai at Ban Kaeng, Yasothon (M.32A)

Location:	Lat. 15°-54'-05" N., Long. 104°-28'-20" E., on right bank at Ban Kaeng about 7 kilometers upstream from M32 station, Amphoe Kham Khuan Kaeo, Yasothon.
Drainage Area:	1,535 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	-
Location:	-
Elevation:	-
Gage Reading Frequency:	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:	1968-1974.
Rating Operation:	
Period of Rating:	1968-1969, 1971-1973.
Rated by Float:	-
Rated by Current Meter:	1968-1969, 1971-1973.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts of elevation + 8.906 m. (A.D.)
General Description:	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 1969.
Remarks:	Ending record since October 1, 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.61	0.68	1.28	1.17	2.06	8.57						
2	.61	.66	.56	.16	1.74	.22						
3	.62	.65	.50	.14	.66	7.67						
4	.62	.66	.68	.04	.77	6.71						
5	.62	.71	2.07	.34	.76	5.50						
6	0.62	0.68	2.23	1.52	1.90	5.30						
7	.62	.66	.32	.74	.99	.56						
8	.62	.64	.92	2.00	.92	6.40						
9	.63	.63	3.40	.13	.87	7.03						
10	.64	.66	.27	.07	.87	6.80						
11	0.64	0.69	2.81	1.91	1.76	5.87						
12	.65	.68	.38	.73	.69	.19						
13	.66	.79	.12	.55	.52	4.86						
14	.65	.74	.03	.52	.38	.73						
15	.64	.70	.35	.54	2.07	.63						
16	0.65	0.68	2.96	1.55	6.65	4.24						
17	.66	.67	.93	.49	9.01	.30						
18	.65	.66	.61	.38	.66	.25						
19	.64	1.11	.18	.27	.06	3.94	Ending Record					
20	.64	.07	.06	.32	8.99	.70						
21	0.64	1.20	2.75	1.80	9.38	3.39						
22	.63	.20	3.10	2.24	8.84	.06						
23	.62	.13	2.93	4.25	7.81	2.69						
24	.62	.08	.68	5.20	6.72	.35						
25	.61	.24	.31	.02	5.58	.11						
26	0.61	1.24	2.21	4.48	6.46	1.93						
27	.61	.25	1.89	.02	7.67	.85						
28	.60	.18	.63	3.61	8.70	.88						
29	.75	.07	.42	.32	.57	.95						
30	.72	0.97	.28	2.95	.11	.95						
31	-	1.10	-	.52	.47	-						
Mean	0.63	0.83	2.25	2.25	5.05	4.55						
Max.	0.75	1.25	3.40	5.20	9.66	8.57						
Min.	0.61	0.63	1.28	1.04	1.38	1.85						

WATER YEAR 1974 : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.005	0.040	1.32	0.88	6.74	451						
2	0.005	0.030	2.96	0.84	4.12	391						
3	0.015	0.025	2.60	0.76	3.56	304						
4	0.015	0.030	3.68	0.48	4.36	185						
5	0.015	0.055	6.83	1.64	4.28	92						
6	0.015	0.040	8.30	2.72	5.40	81						
7	0.015	0.030	9.20	4.12	6.12	96						
8	0.015	0.020	16	6.20	5.56	155						
9	0.015	0.015	23	0.72	5.16	220						
10	0.020	0.030	21	0.54	5.16	194						
11	0.020	0.045	14	5.48	4.28	116						
12	0.025	0.040	9.80	4.04	3.74	76						
13	0.030	0.095	7.28	2.90	2.72	61						
14	0.025	0.070	6.47	2.72	1.88	56						
15	0.020	0.050	9.50	2.84	6.83	52						
16	0.025	0.040	16	2.90	179	41						
17	0.030	0.035	16	2.54	542	42						
18	0.025	0.030	12	1.88	698	41						
19	0.020	0.64	7.82	1.28	553	33						
20	0.020	0.54	6.74	1.52	538	29						
21	0.020	1.00	14	4.60	628	23						
22	0.015	1.00	18	8.40	505	18						
23	0.010	0.72	16	41	326	13						
24	0.010	0.56	13	76	186	9.50						
25	0.005	1.16	9.10	68	98	7.19						
26	0.005	1.16	8.10	47	160	5.64						
27	0.005	1.20	5.32	35	304	5.00						
28	0.000	0.92	3.38	27	476	5.24						
29	0.075	0.54	2.12	22	451	5.80						
30	0.060	0.34	1.32	16	373	5.80						
31		0.60		11	433							
Total	0.380	1.727	290.84	403.00	6,519.91	2,814.17						
Mean	0.012	0.56	9.68	13.0	210	93.8						
Max.	0.075	1.20	23	76	698	451						
Min.	0.005	0.015	1.32	0.48	1.88	5.00						
Runoff - mcm.	0.032	0.149	25.128	34.819	563.320	243.144						

WATER YEAR 1974 : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge

MUN RIVER BASIN

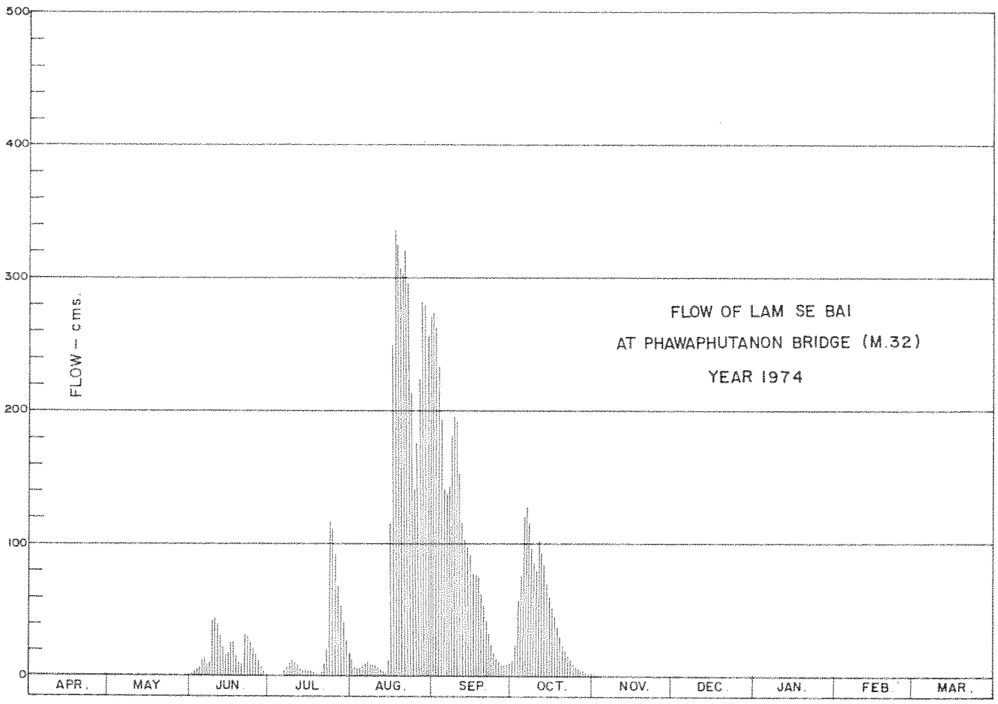
Lam Se Bai at Phawaphutanon Bridge, Yasothon (M.32)

Location:	Lat. 15°-50'-20" N., Long. 104°-27'-35" E., on right bank about 25 meters upstream from Phawaphutanon Bridge at Tambon Pho Trai, Amphoe Kham Khuan Kaeo, Yasothon.
Drainage Area:	1,654 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 119.90 m. (M.S.L.)
Bench Mark:	B.M. - H.S. - RID Lam Sae.
Location:	on right bank near gage site.
Elevation:	+ 128.102 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1954-1962, 1965 to date.
Rating Operation:	
Period of Rating:	1965-1973
Rated by Float:	-
Rated by Current Meter:	1965-1973
Stability of Channel Regimes:	Fairly stable with variable water surface slope, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 17 discharge measurements made in 1973.
Remarks:	Discharge record for period of no flow are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	120.16	120.27	120.91	120.89	121.84	126.38	121.84	120.95	120.54	120.35	120.27	120.36
2	.16	.29	121.13	.83	.50	.27	122.44	.91	.54	.35	.28	.35
3	.16	.31	.22	.76	.38	.07	123.38	.88	.53	.35	.29	.33
4	.16	.34	.35	.70	.44	125.66	.72	.85	.53	.35	.29	.33
5	.16	.35	.75	.87	.50	124.99	124.14	.86	.52	.35	.29	.33
6	120.16	120.35	121.98	121.11	121.61	124.89	124.66	120.88	120.51	120.35	120.29	120.33
7	.16	.37	.49	.38	.73	125.01	.78	.93	.49	.35	.29	.33
8	.16	.38	.65	.66	.67	.48	.35	.96	.48	.35	.29	.33
9	.15	.38	123.13	.83	.62	.64	.14	.94	.46	.34	.28	.33
10	.15	.38	.17	.79	.60	.57	123.99	.93	.46	.34	.27	.33
11	120.15	120.38	123.10	121.64	121.50	125.01	124.40	120.90	120.44	120.30	120.28	120.33
12	.16	.38	122.72	.47	.43	124.59	.25	.87	.43	.30	.29	.33
13	.18	.38	.29	.29	.25	.40	.06	.86	.42	.30	.32	.33
14	.18	.39	121.96	.24	.09	.30	123.78	.82	.42	.29	.35	.33
15	.18	.39	122.03	.23	.89	.23	.60	.80	.42	.29	.36	.33
16	120.18	120.39	122.52	121.23	125.79	123.94	123.41	120.77	120.38	120.29	120.36	120.32
17	.19	.39	.54	.18	126.48	.93	.19	.75	.37	.29	.36	.32
18	.19	.39	.19	.08	.87	.92	122.94	.72	.36	.29	.36	.32
19	.19	.42	121.79	120.97	.66	.69	.70	.70	.36	.29	.36	.32
20	.19	.46	.62	.92	.60	.48	.45	.68	.36	.29	.36	.32
21	120.19	120.53	122.42	121.33	126.76	123.18	122.21	120.66	120.36	120.29	120.36	120.32
22	.19	.57	.82	.91	.55	122.84	.01	.65	.36	.29	.36	.32
23	.18	.80	.70	123.73	.12	.48	121.84	.63	.36	.28	.35	.32
24	.17	.78	.50	124.60	125.60	.16	.67	.61	.36	.28	.35	.32
25	.17	.77	.27	.50	124.96	121.90	.53	.60	.35	.28	.35	.32
26	120.17	120.84	121.99	124.12	125.47	121.69	121.40	120.60	120.35	120.28	120.35	120.30
27	.18	.86	.68	123.74	126.00	.58	.28	.58	.35	.28	.35	.28
28	.21	.86	.39	.38	.44	.60	.19	.58	.35	.28	.35	.28
29	.23	.80	.15	.08	.41	.65	.12	.57	.35	.28		.28
30	.25	.74	120.99	122.71	.20	.68	.05	.56	.35	.27		.28
31		.72		.28	.34		120.99		.35	.27		.28
Mean	120.18	120.50	123.01	121.92	123.94	123.94	122.85	120.77	120.42	120.31	120.32	120.32
Max.	120.25	120.86	123.17	124.60	126.87	126.38	124.78	120.96	120.54	120.35	120.36	120.36
Min.	120.15	120.27	120.91	120.70	121.09	121.58	120.99	120.56	120.35	120.27	120.27	120.28

WATER YEAR 1974 : Max. 126.87 m. Min. 120.15 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			1.98	1.84	13	275	13	2.30	0.16			
2			4.00	1.48	8.00	263	24	1.98	0.16			
3			4.90	1.10	6.40	241	52	1.78	0.12			
4			6.20	0.80	7.22	198	65	1.60	0.12			
5			12	1.72	8.00	143	88	1.66	0.08			
6			15	3.80	9.65	136	120	1.78	0.04			
7			7.87	6.50	11	144	128	2.14				
8			10	10	10	183	100	2.38				
9			42	13	9.80	196	88	2.22				
10			44	12	9.50	189	79	2.14				
11			41	10	8.00	144	103	1.90				
12			31	7.61	7.09	115	94	1.72				
13			21	5.60	5.20	103	83	1.66				
14			15	5.10	3.60	97	68	1.42				
15		No Flow	16	5.00	14	93	60	1.30				
16			26	5.00	211	77	53	1.15				
17			26	4.50	286	76	45	1.05				
18	No Flow		19	3.50	336	76	37	0.90				
19			12	2.46	308	64	30	0.80				
20			9.80	2.06	300	56	24	0.72				
21		0.12	24	6.00	321	44	19	0.64				
22		0.28	33	14	294	34	16	0.60				
23		1.30	30	65	246	25	13	0.52				
24		1.20	25	116	192	19	10	0.44				
25		1.15	21	110	141	14	8.45	0.40				
26		1.54	15	86	182	11	6.70	0.40				
27		1.66	11	66	233	9.20	5.50	0.32				
28		1.66	6.60	52	281	9.50	4.60	0.32				
29		1.30	4.20	41	278	10	3.90	0.28				
30		1.00	2.62	30	255	10	3.20	0.24				
31		0.90		21	270		2.62					
Total	0.00	12.11	537.17	710.07	4,264.46	3,054.70	1,446.97	36.76	0.68	0.00	0.00	0.00
Mean	0.00	0.39	17.9	22.9	137	102	46.7	1.22	0.02	0.00	0.00	0.00
Max.	0.00	1.66	44	116	336	275	128	2.38	0.16	0.00	0.00	0.00
Min.	0.00	0.00	1.98	0.80	3.60	9.20	2.62	0.24	0.00	0.00	0.00	0.00
Runoff - mcm.	0.000	1.046	46.411	61.350	368.449	263.926	125.018	3.176	0.059	0.000	0.000	0.000

WATER YEAR 1974 : Max. 336 Min. 0.00 Mean 27.6 Annual Runoff 869.436 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 25	14.00	126.90	340				

MUN RIVER BASIN

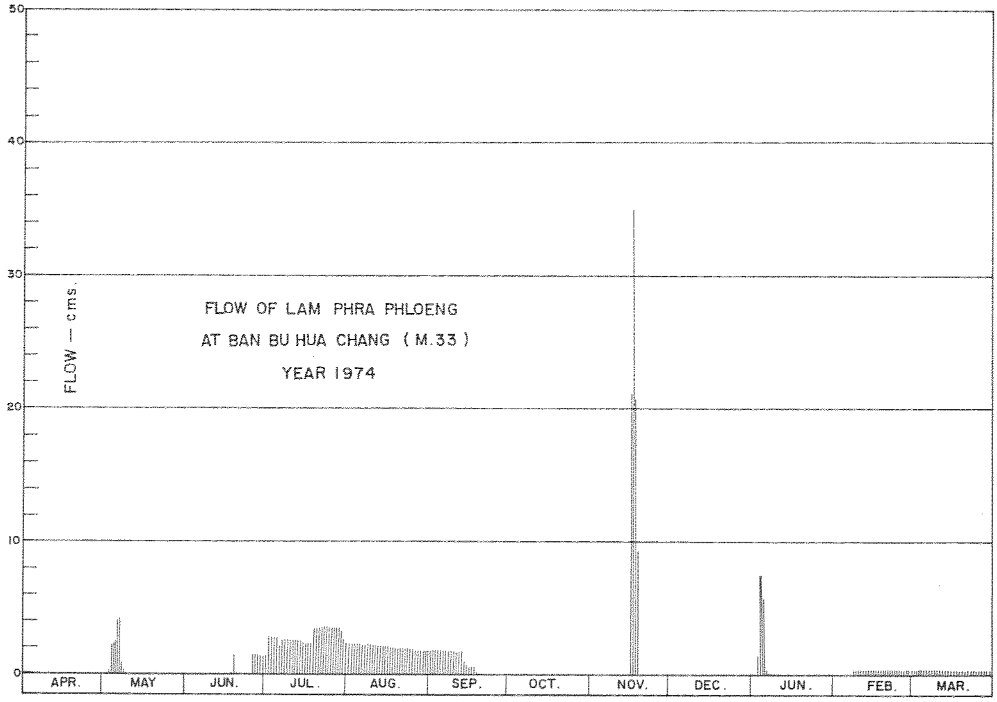
Lam Phra Phloeng at Ban Bu Hua Chang, Nakhon Ratchasima (M.33)

Location:	Lat. 14°-35'-20" N., Long. 101°-50'-30" E., on right bank about 200 meters downstream from Lam Phra Phloeng Dam. Ban Bu Hua Chang, Amphoe Pak Thong Chai, Nakhon Ratchasima.
Drainage Area:	822 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	-
Location:	-
Elevation:	-
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1955-1975
Rating Operation:	
Period of Rating:	1955-1965, 1969-1973.
Rated by Float:	-
Rated by Current Meter:	1955-1965, 1969-1973.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 1973. Flow regulated by Lam Phra Phloeng reservoir for irrigation of about 9,120 hectares.
Remarks:	Discharge records for period of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	227.43	227.57	227.54	228.05	228.24	228.16	227.47	227.38	227.60	227.59	227.58	227.79
2	.43	.57	.60	.32	.24	.16	.47	.38	.60	.59	.58	.79
3	.43	.57	.56	.32	.24	.16	.47	.38	.59	.59	.58	.79
4	.43	228.23	.54	.32	.24	.16	.47	.38	.59	228.92	.58	.79
5	.43	.26	.54	.32	.24	.15	.58	.38	.59	.70	.58	.79
6	227.43	228.51	227.56	228.21	228.24	228.15	227.58	227.40	227.59	227.84	227.58	227.79
7	.43	.52	.55	.29	.23	.15	.60	.40	.59	.60	.59	.79
8	.43	227.86	.55	.30	.23	.15	.52	.38	.59	.58	.79	.79
9	.43	.59	.55	.30	.23	.14	.47	.39	.60	.58	.79	.79
10	.47	.59	.56	.29	.23	.14	.47	.39	.60	.58	.79	.79
11	227.56	227.53	227.57	228.29	228.22	228.13	227.46	227.40	227.59	227.58	227.79	227.79
12	.56	.46	.56	.29	.22	.13	.46	.60	.59	.58	.79	.78
13	.56	.56	.55	.29	.22	.13	.47	.59	.59	.58	.79	.78
14	.56	.56	.55	.28	.22	227.95	.47	.60	.59	.58	.79	.78
15	.57	.49	.55	.27	.22	227.85	.29	.60	.59	.58	.79	.78
16	227.57	227.50	227.55	228.26	228.22	227.84	227.29	229.60	227.59	227.58	227.79	227.78
17	.57	.50	.60	.26	.20	.85	.47	230.81	.59	.58	.79	.78
18	.56	.50	.51	.26	.19	.85	.47	229.89	.59	.59	.79	.78
19	.57	.50	228.07	.43	.19	.55	.47	227.60	.59	.60	.79	.78
20	.57	.51	227.54	.43	.19	.43	.47	.60	.59	.58	.79	.78
21	227.57	227.51	227.54	228.43	228.19	227.47	227.47	227.60	227.59	227.58	227.79	227.78
22	.57	.53	.54	.44	.19	.43	.47	.60	.59	.58	.79	.78
23	.57	.52	.54	.44	.19	.46	.47	.60	.59	.58	.79	.78
24	.57	.53	.54	.44	.18	.46	.47	.60	.59	.58	.79	.78
25	.58	.53	.54	.44	.18	.46	.45	.60	.59	.58	.79	.78
26	227.57	227.53	228.07	228.44	228.15	227.49	227.45	227.60	227.59	227.58	227.79	227.78
27	.56	.54	.07	.44	.15	.44	.45	.60	.59	.58	.79	.78
28	.56	.54	.07	.44	.14	.47	.45	.60	.59	.58	.79	.78
29	.56	.54	.05	.44	.14	.60	.38	.60	.59	.58		.78
30	.56	.54	.05	.36	.14	.44	.38	.60	.59	.58		.78
31		.54		.25	.14		.38		.59	.58		.78
Mean	227.52	227.65	227.65	228.33	228.20	227.83	227.46	227.70	227.59	227.67	227.74	227.78
Max.	227.58	228.52	228.07	228.44	228.24	228.16	227.60	230.81	227.60	228.92	227.79	227.79
Min.	227.43	227.46	227.54	228.05	228.14	227.44	227.29	227.38	227.59	227.58	227.58	227.78

WATER YEAR 1974 : Max. 230.81 m. Min. 227.43 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.035	0.020	1.40	2.34	1.90	0.00	0.00	0.050	0.045	0.040	0.42
2		0.035	0.050	2.82	2.34	1.90	0.00		0.050	0.045	0.040	0.42
3		0.035	0.030	2.82	2.34	1.90	0.00		0.045	0.045	0.040	0.42
4		0.28	0.020	2.82	2.34	1.90	0.00		0.045	7.60	0.040	0.42
5		2.46	0.020	2.82	2.34	1.85	0.040		0.045	5.60	0.040	0.42
6		4.08	0.030	2.16	2.34	1.85	0.040		0.045	0.59	0.040	0.42
7		4.16	0.025	2.64	2.28	1.85	0.050		0.045	0.050	0.045	0.42
8		0.66	0.025	2.70	2.28	1.85	0.010		0.045	0.040	0.42	0.42
9		0.045	0.025	2.70	2.28	1.80	0.00		0.050	0.040	0.42	0.42
10	0.00	0.045	0.030	2.64	2.28	1.80			0.050	0.040	0.42	0.42
11	0.030	0.015	0.035	2.64	2.22	1.75		0.00	0.045	0.040	0.42	0.42
12	0.030	0.000	0.030	2.64	2.22	1.75		0.050	0.045	0.040	0.42	0.40
13	0.030	0.030	0.025	2.64	2.22	1.75		0.045	0.045	0.040	0.42	0.40
14	0.030	0.030	0.025	2.58	2.22	1.00		0.050	0.045	0.040	0.42	0.40
15	0.035	0.000	0.025	2.52	2.22	0.62		0.050	0.045	0.040	0.42	0.40
16	0.035	0.000	0.025	2.46	2.22	0.59		0.050	0.045	0.040	0.42	0.40
17	0.035	0.000	0.050	2.46	2.10	0.62		35	0.045	0.040	0.42	0.40
18	0.030	0.000	0.005	2.46	2.05	0.62		20	0.045	0.045	0.42	0.40
19	0.035	0.000	1.48	3.51	2.05	0.025		0.050	0.045	0.050	0.42	0.40
20	0.035	0.005	0.020	3.51	2.05	0.00		0.050	0.045	0.040	0.42	0.40
21	0.035	0.005	0.020	3.51	2.05	0.00		0.050	0.045	0.040	0.42	0.40
22	0.035	0.015	0.020	3.58	2.05	0.00		0.050	0.045	0.040	0.42	0.40
23	0.035	0.010	0.020	3.58	2.05	0.00		0.050	0.045	0.040	0.42	0.40
24	0.035	0.015	0.020	3.58	2.00	0.00		0.050	0.045	0.040	0.42	0.40
25	0.040	0.015	0.020	3.58	2.00	0.00		0.050	0.045	0.040	0.42	0.40
26	0.035	0.015	1.48	3.58	1.85	0.00		0.050	0.045	0.040	0.42	0.40
27	0.030	0.020	1.48	3.58	1.85	0.00		0.050	0.045	0.040	0.42	0.40
28	0.030	0.020	1.48	3.58	1.80	0.00		0.050	0.045	0.040	0.42	0.40
29	0.030	0.020	1.40	3.58	1.80	0.05		0.050	0.045	0.040		0.40
30	0.030	0.020	1.40	3.06	1.80	0.00		0.050	0.045	0.040		0.40
31		0.020		2.40	1.80		0.00		0.045	0.040		0.40
Total	0.660	14.090	9.335	90.55	65.78	27.375	0.140	55.845	1.415	14.950	9.105	12.62
Mean	0.022	0.45	0.31	2.92	2.12	0.91	0.004	1.86	0.046	0.48	0.32	0.41
Max.	0.040	4.16	1.48	3.58	2.34	1.90	0.050	35	0.050	7.60	0.42	0.42
Min.	0.000	0.000	0.020	1.40	1.80	0.00	0.00	0.00	0.045	0.040	0.040	0.40
Runoff - mcm.	0.057	1.217	0.807	7.824	5.683	2.365	0.012	4.825	0.122	1.292	0.787	1.090

WATER YEAR 1974 : Max. 35 Min. 0.00 Mean 0.83 Annual Runoff 26.081 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.17	12.00	230.81	35				

MUN RIVER BASIN

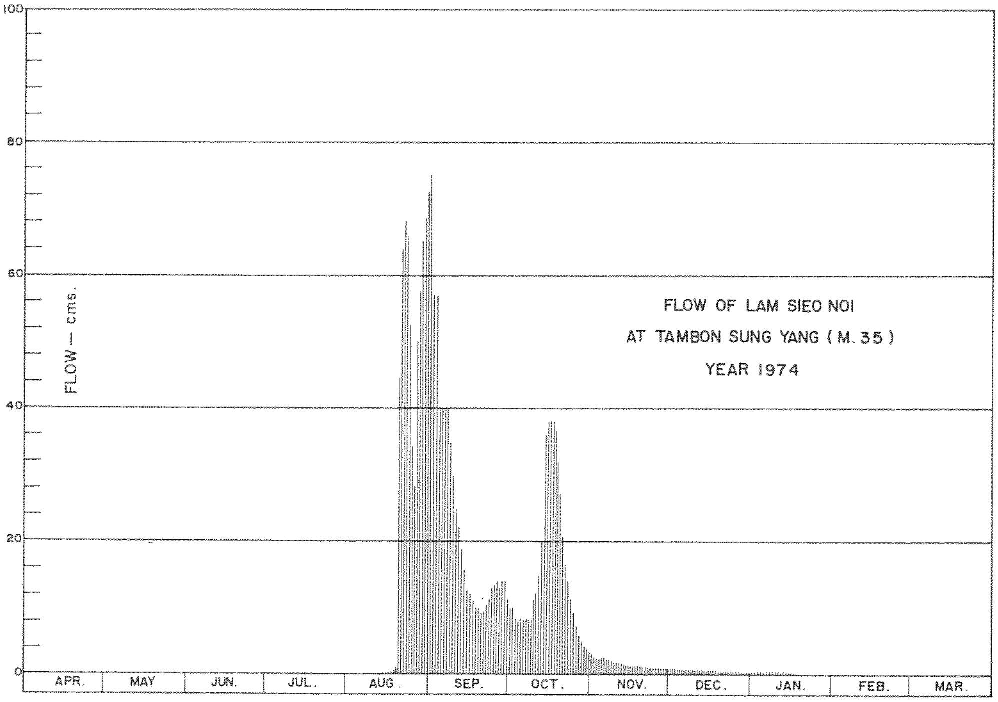
Lam Sieo Noi at Tambon Sung Yang, Roi Et (M.35)

Location:	Lat. 15°-38'-49" N., Long. 103°-45'-00" E., on right bank at highway bridge, Tambon Sung Yang, Amphoe Suwannaphum, Roi Et.
Drainage Area:	672 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on right bank at abutment of the bridge.
Elevation:	+ 4.786 m. (A.D.)
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:	1971 to date.
Rating Operation:	
Period of Rating:	1971-1974.
Rated by Float:	-
Rated by Current Meter:	1971-1974.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records poor. Stage-discharge relation defined by 46 discharge measurements made in 1974.
Remarks:	Discharge record for period of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.18	0.17	0.12	0.33	0.94	2.50	2.05	1.77	1.47	1.26	1.08	0.93
2	.18	.17	.11	.32	.97	.48	.03	.73	.46	.25	.08	.92
3	.17	.16	.11	.32	1.02	.45	.01	.70	.45	.24	.07	.92
4	.17	.17	.14	.32	.09	.45	1.98	.69	.44	.23	.07	.91
5	.16	.19	.13	.41	.18	.40	2.00	.71	.43	.22	.06	.90
6	0.16	0.18	0.12	0.42	1.24	2.40	1.99	1.70	1.42	1.22	1.05	0.89
7	.15	.18	.12	.43	.28	.40	.99	.69	.41	.22	.05	.89
8	.14	.17	.20	.43	.33	.40	.99	.68	.41	.21	.05	.88
9	.18	.16	.20	.45	.39	.36	.99	.66	.42	.21	.04	.87
10	.18	.16	.20	.45	.43	.32	2.03	.65	.40	.21	.05	.87
11	0.20	0.19	0.20	0.46	1.44	2.28	2.09	1.64	1.38	1.20	1.05	0.87
12	.24	.19	.20	.47	.44	.25	.16	.63	.36	.20	.05	.86
13	.23	.18	.20	.47	.48	.20	.21	.62	.35	.19	.04	.86
14	.22	.17	.20	.47	.52	.15	.30	.60	.33	.19	.04	.85
15	.22	.17	.19	.48	.61	.10	.37	.59	.33	.18	.03	.84
16	0.24	0.16	0.19	0.49	1.76	2.09	2.39	1.58	1.32	1.18	1.02	0.83
17	.23	.16	.18	.49	.84	.07	.39	.57	.31	.17	.02	.82
18	.23	.15	.18	.48	.92	.03	.39	.56	.31	.17	.01	.82
19	.22	.15	.17	.47	2.00	.05	.37	.57	.31	.16	.00	.82
20	.22	.15	.20	.47	.30	.02	.33	.57	.31	.16	.00	.81
21	0.21	0.15	0.24	0.47	2.44	2.02	2.27	1.56	1.30	1.15	0.98	0.81
22	.21	.16	.24	.47	.47	.04	.20	.55	.30	.15	.97	.80
23	.20	.15	.23	.60	.48	.07	.15	.54	.30	.14	.96	.79
24	.19	.15	.23	.63	.45	.11	.09	.53	.29	.14	.96	.78
25	.20	.14	.22	.66	.41	.12	.04	.52	.28	.13	.95	.78
26	0.19	0.14	0.22	0.69	2.39	2.13	1.98	1.51	1.28	1.12	0.94	0.77
27	.19	.13	.21	.71	.42	.12	.92	.50	.28	.11	.94	.76
28	.18	.13	.21	.77	.44	.14	.89	.49	.27	.10	.93	.76
29	.18	.12	.21	.78	.47	.13	.85	.49	.27	.10		.76
30	.17	.12	.30	.79	.48	.10	.81	.48	.26	.09		.75
31		.11		.80	.49		.79		.26	.09		.75
Mean	0.20	0.15	0.18	0.51	1.81	2.21	2.09	1.60	1.34	1.17	1.01	0.83
Max.	0.24	0.19	0.30	0.80	2.49	2.50	2.39	1.77	1.47	1.26	1.08	0.93
Min.	0.14	0.11	0.11	0.32	0.94	2.02	1.79	1.48	1.26	1.09	0.93	0.75

WATER YEAR 1974 : Max. 2.50 m. Min. 0.11 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.00	0.00	0.00	0.14	75	10	3.28	0.91	0.46	0.28	0.13
2					0.17	68	10	2.72	0.88	0.45	0.28	0.12
3					0.22	57	8.80	2.30	0.85	0.44	0.27	0.12
4					0.29	57	7.86	2.21	0.82	0.43	0.27	0.11
5					0.38	40	8.40	2.44	0.79	0.42	0.26	0.10
6					0.44	40	8.13	2.30	0.76	0.42	0.25	0.09
7					0.48	40	8.13	2.21	0.73	0.42	0.25	0.09
8					0.56	40	8.13	2.12	0.73	0.41	0.25	0.08
9					0.68	34	8.13	1.94	0.76	0.41	0.24	0.07
10					0.79	28	10	1.85	0.70	0.41	0.25	0.07
11					0.82	24	12	1.76	0.66	0.40	0.25	0.07
12					0.82	22	15	1.67	0.62	0.40	0.25	0.06
13					0.94	18	18	1.58	0.60	0.39	0.24	0.06
14					1.08	15	26	1.40	0.56	0.39	0.24	0.05
15					1.49	12	36	1.36	0.56	0.38	0.23	0.04
16					3.14	12	38	1.32	0.54	0.38	0.22	0.03
17					4.50	11	38	1.28	0.52	0.37	0.22	0.02
18					6.24	10	38	1.24	0.52	0.37	0.21	0.02
19					8.40	10	36	1.28	0.52	0.36	0.20	0.02
20					26	9.20	30	1.28	0.52	0.36	0.20	0.01
21					54	9.20	23	1.24	0.50	0.35	0.18	0.01
22					64	10	18	1.20	0.50	0.35	0.17	0.00
23					68	11	15	1.16	0.50	0.34	0.16	
24					57	13	12	1.12	0.49	0.34	0.16	
25					43	13	10	1.08	0.48	0.33	0.15	
26					28	14	7.86	1.04	0.48	0.32	0.14	
27					47	13	6.24	1.00	0.48	0.31	0.14	
28					54	14	5.50	0.97	0.47	0.30	0.13	
29					64	14	4.70	0.97	0.47	0.30		
30	0.00		0.00		68	12	3.90	0.94	0.46	0.29		
31		0.00		0.00	71		3.56		0.46	0.29		0.00
Total	0.00	0.00	0.00	0.00	675.58	745.40	484.34	48.26	18.84	11.59	6.09	1.37
Mean	0.00	0.00	0.00	0.00	21.8	24.8	15.6	1.60	0.608	0.374	0.217	0.044
Max.	0.00	0.00	0.00	0.00	71	75	38	3.28	0.91	0.46	0.28	0.13
Min.	0.00	0.00	0.00	0.00	0.14	9.20	3.56	0.94	0.46	0.29	0.13	0.00
Runoff - mcm.	0.000	0.000	0.000	0.000	58.370	64.402	41.847	4.170	1.628	1.001	0.526	0.118

WATER YEAR 1974 : Max. 75 Min. 0.00 Mean 5.45 Annual Runoff 172.062 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 1	17.00	2.50	75				

MUN RIVER BASIN

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

Location: Lat. 14°-52'-06" N., Long. 101°-33'-53" E., on left bank about 500 meters downstream from Lam Takhong Damsite, Tambon Khlong Phai, Amphoe Sikhiu, Nakhon Ratchasima.

Drainage Area: 1,292 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 242.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on left bank along the measuring line.
Elevation: + 251.841 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1962 to date.

Rating Operation:

Period of Rating: 1962-1965, 1967 to date.
Rated by Float: -
Rated by Current Meter: 1962-1965, 1967 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

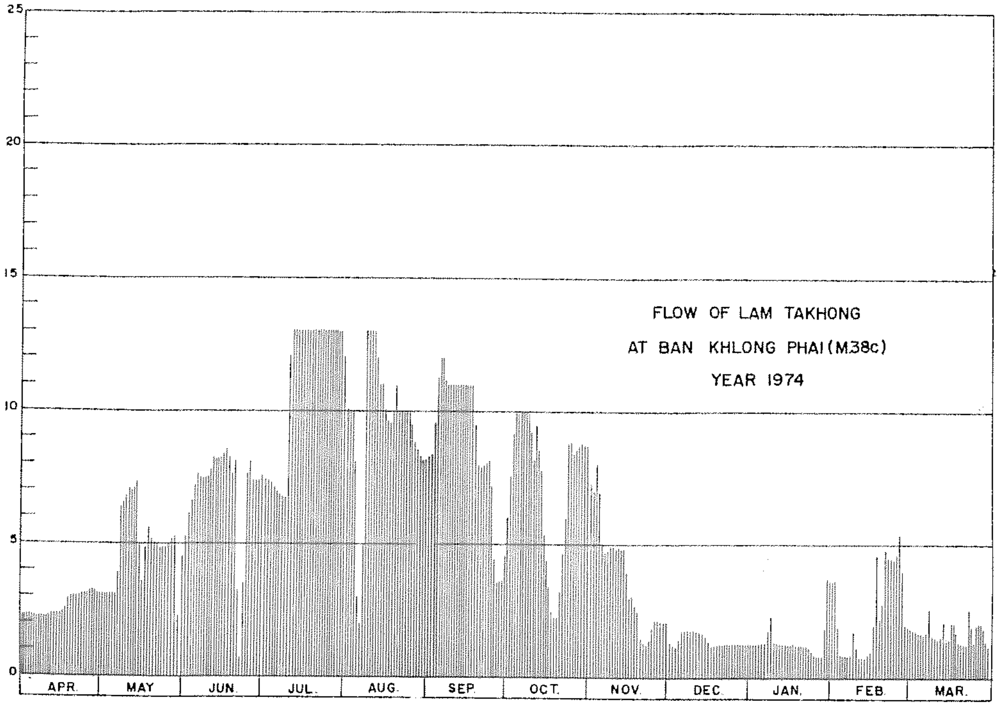
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 35 discharge measurements made in 1974. Flow regulated by Lam Takhong Dam diverted for irrigation of about 62,080 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	244.43	244.60	244.85	245.29	245.67	245.39	245.07	245.35	244.30	244.15	244.71	244.31
2	.43	.60	.96	.27	.65	.40	.07	.24	.12	.15	.71	.29
3	.43	.60	245.10	.26	.66	.49	.38	.22	.11	.15	.27	.28
4	.43	.60	.17	.26	.66	.68	.60	.36	.11	.15	.00	.26
5	.42	.60	.27	.24	244.89	.79	.58	.19	.25	.15	.00	.25
6	244.42	244.59	245.31	245.22	244.30	245.80	245.61	244.94	244.27	244.15	243.99	244.25
7	.42	.75	.28	.20	.35	.80	.63	.89	.28	.25	.99	.24
8	.41	245.14	.28	.19	245.10	.78	.64	.89	.28	.43	.99	.49
9	.41	.17	.29	.18	.93	.77	.67	.93	.28	.27	244.28	.44
10	.41	.19	.29	.35	.97	.76	.52	.91	.28	.15	.17	.21
11	244.43	245.23	245.34	245.84	245.99	245.76	245.38	244.91	244.27	244.15	243.95	244.19
12	.44	.23	.38	.95	.99	.75	.54	.92	.27	.15	.95	.19
13	.44	.23	.38	.95	.84	.75	.35	.91	.27	.15	.95	.33
14	.43	.27	.38	.96	.77	.75	.33	.91	.26	.14	.95	.37
15	.44	244.94	.38	.96	.77	.74	244.98	.77	.25	.14	.99	.17
16	244.45	244.68	245.39	245.96	245.67	245.74	244.83	244.57	244.15	244.14	244.04	244.24
17	.47	.85	.42	.96	.56	.74	.60	.59	.10	.14	.37	.36
18	.56	.93	.37	.96	.55	.69	.45	.52	.11	.14	.88	.36
19	.58	245.02	.30	.97	.61	.52	.43	.46	.12	.14	.42	.16
20	.58	244.95	.36	.96	.68	.35	.39	.27	.13	.14	.56	.15
21	244.58	244.93	245.13	245.97	245.67	245.34	244.72	244.16	244.15	244.14	244.91	244.13
22	.58	.93	243.89	.96	.67	.35	.96	.15	.15	.14	.86	.14
23	.59	.92	244.35	.96	.66	.36	245.08	.13	.15	.08	.85	.49
24	.60	.91	.99	.97	.65	.37	.45	.19	.15	243.98	.85	.31
25	.60	.91	245.31	.97	.65	.24	.46	.37	.15	.98	.84	.15
26	244.61	244.92	245.36	245.97	245.62	244.87	245.41	244.39	244.15	243.98	244.99	244.33
27	.63	.94	.27	.96	.48	.70	.43	.39	.15	.98	.78	.36
28	.63	.96	.27	.95	.45	.71	.45	.38	.15	.98	.35	.35
29	.60	.98	.27	.95	.41	.71	.46	.37	.15	244.44		.28
30	.60	.53	.30	.93	.37	.94	.45	.38	.15	.72		.12
31		.28		.89	.38		.45		.15	.71		.11
Mean	244.50	244.88	245.19	245.72	245.54	245.47	245.24	244.69	244.19	244.18	244.38	244.27
Max.	244.63	245.27	245.42	245.97	245.99	245.80	245.67	245.36	244.30	244.72	244.99	244.49
Min.	244.41	244.28	243.89	245.18	244.30	244.70	244.39	244.13	244.10	243.98	243.95	244.11

WATER YEAR 1974 : Max. 245.99 m. Min. 243.89 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.33	3.10	4.46	7.48	10	8.26	5.88	7.95	1.82	1.32	3.66	1.86
2	2.33	3.10	5.14	7.33	10	8.34	5.88	7.10	1.22	1.32	3.66	1.79
3	2.33	3.10	6.08	7.26	10	9.07	8.18	6.95	1.19	1.32	1.72	1.75
4	2.33	3.10	6.58	7.26	10	11	9.98	8.03	1.19	1.32	0.90	1.68
5	2.29	3.10	7.33	7.10	4.70	12	9.81	6.73	1.65	1.32	0.90	1.65
6	2.29	3.05	7.64	6.95	1.82	12	10	5.02	1.72	1.32	0.87	1.65
7	2.29	3.88	7.41	6.80	2.01	12	10	4.70	1.75	1.65	0.87	1.62
8	2.24	6.37	7.41	6.73	6.08	11	10	4.70	1.75	2.33	0.87	2.60
9	2.24	6.58	7.48	6.66	13	11	10	4.95	1.75	1.72	1.75	2.38
10	2.24	6.73	7.48	7.95	13	11	9.32	4.82	1.75	1.32	1.38	1.51
11	2.33	7.03	7.87	12	13	11	8.18	4.82	1.72	1.32	0.77	1.45
12	2.38	7.03	8.18	13	13	11	9.48	4.89	1.72	1.32	0.77	1.45
13	2.38	7.03	8.18	13	12	11	7.95	4.82	1.72	1.32	0.77	1.93
14	2.33	7.33	8.18	13	11	11	7.79	4.82	1.68	1.29	0.77	2.09
15	2.38	5.02	8.18	13	11	11	5.27	3.99	1.65	1.29	0.87	1.38
16	2.42	3.50	8.26	13	10	11	4.34	2.96	1.32	1.29	1.00	1.62
17	2.51	4.46	8.50	13	9.64	11	3.10	3.05	1.16	1.29	2.09	2.05
18	2.92	4.95	8.11	13	9.56	11	2.42	2.73	1.19	1.29	4.64	2.05
19	3.01	5.54	7.56	13	10	9.32	2.33	2.46	1.22	1.29	2.29	1.35
20	3.01	5.08	8.03	13	11	7.95	2.16	1.72	1.26	1.29	2.92	1.32
21	3.01	4.95	6.30	13	10	7.87	3.17	1.35	1.32	1.29	4.82	1.26
22	3.01	4.95	0.62	13	10	7.95	5.14	1.32	1.32	1.29	4.52	1.29
23	3.05	4.89	2.01	13	10	8.03	5.94	1.26	1.32	1.11	4.46	2.60
24	3.10	4.82	5.34	13	10	8.11	8.74	1.45	1.32	0.85	4.46	1.86
25	3.10	4.82	7.64	13	10	7.10	8.83	2.09	1.32	0.85	4.40	1.32
26	3.15	4.89	8.03	13	10	4.58	8.42	2.16	1.32	0.85	5.34	1.93
27	3.25	5.02	7.33	13	8.99	3.60	8.58	2.16	1.32	0.85	4.05	2.05
28	3.25	5.14	7.33	13	8.74	3.66	8.74	2.12	1.32	0.85	2.01	2.01
29	3.10	5.27	7.33	13	8.42	3.66	8.83	2.09	1.32	2.38		1.75
30	3.10	2.78	7.56	13	8.11	5.02	8.74	2.12	1.32	3.71		1.22
31		1.75		12	8.18		8.74		1.32	3.66		1.19
Total	79.70	148.36	207.55	342.52	293.25	270.52	225.94	115.33	44.95	45.62	67.53	53.66
Mean	2.66	4.78	6.92	11.05	9.46	9.02	7.29	3.84	1.45	1.47	2.41	1.73
Max.	3.25	7.33	8.50	13	13	12	10	8.03	1.82	3.71	5.34	2.60
Min.	2.24	1.75	0.62	6.66	1.82	3.60	2.16	1.26	1.16	0.85	0.77	1.19
Runoff - MCM.	6.886	12.818	17.932	29.594	25.337	23.373	19.521	9.964	3.884	3.941	5.834	4.636

WATER YEAR 1974 : Max. 13 Min. 0.62 Mean 5.19 Annual Runoff 163.722 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11	22.00	246.01	14				

MUN RIVER BASIN

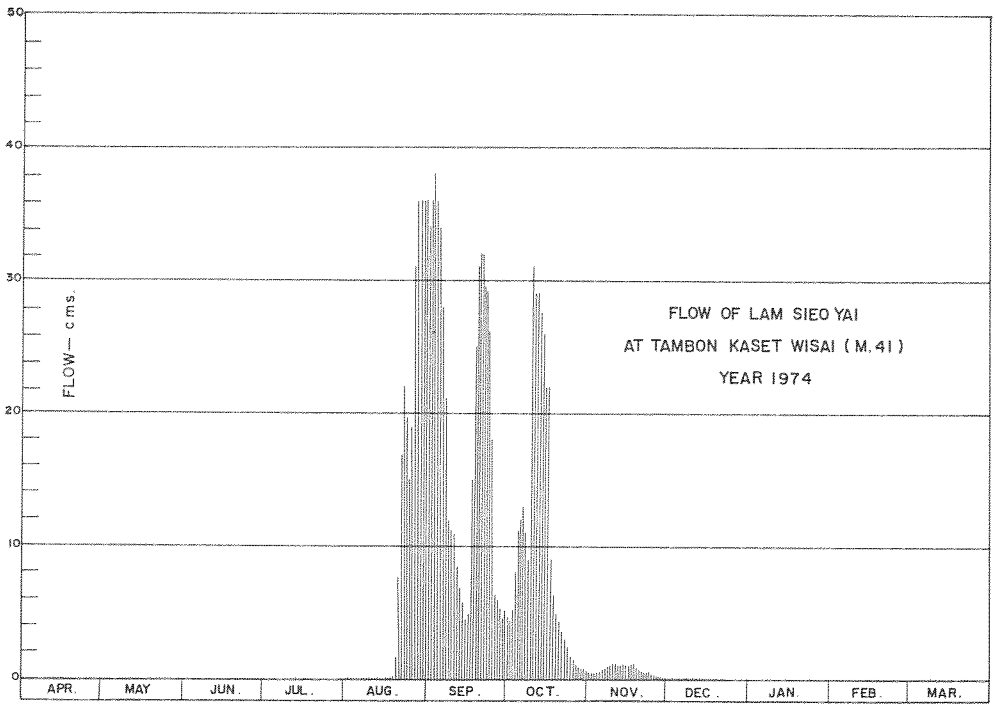
Lam Sieo Yai at Tambon Kaset Wisai, Roi Et (M.41)

Location:	Lat. 15°-38'-46" N., Long. 103°-33'-55" E., on left bank at Tambon Kaset Wisai, Amphoe Kaset Wisai, Roi Et.
Drainage Area:	1,310 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	at the foot of the ladder of automatic gage building.
Elevation:	+ 3.119 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1971 to date.
Rating Operation:	
Period of Rating:	1971-1974.
Rated by Float:	-
Rated by Current Meter:	1971-1974.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 22 discharge measurements made in 1974.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.73	0.68	0.85	1.25	1.48	2.71	2.34	2.04	1.87	1.52	1.54	1.64
2	.72	.68	.84	.27	.50	.72	.33	.02	.86	.51	.63	.69
3	.71	.68	.85	.27	.51	.73	.36	.02	.85	.50	.66	.69
4	.71	.68	.85	.29	.52	.72	.44	.03	.84	.49	.66	.68
5	.70	.68	.85	.33	.52	.71	.50	.05	.85	.49	.66	.68
6	0.70	0.67	0.84	1.36	1.52	2.67	2.52	2.07	1.84	1.48	1.65	1.68
7	.70	.66	.84	.31	.52	.62	.53	.08	.82	.48	.63	.68
8	.69	.66	.84	.38	.54	.55	.50	.10	.81	.48	.63	.67
9	.72	.66	.84	.38	.55	.52	.46	.12	.80	.48	.62	.68
10	.71	.70	.83	.38	.55	.51	.64	.14	.78	.48	.66	.69
11	0.71	0.76	0.84	1.38	1.55	2.50	2.69	2.13	1.77	1.47	1.67	1.68
12	.71	.77	.91	.38	.54	.44	.68	.12	.76	.47	.67	.70
13	.71	.76	.92	.36	.53	.41	.68	.12	.75	.47	.67	.70
14	.70	.76	.91	.36	.52	.38	.67	.13	.73	.47	.68	.69
15	.70	.75	.91	.35	.52	.33	.66	.12	.72	.47	.68	.68
16	0.74	0.82	0.91	1.36	1.62	2.34	2.63	2.11	1.70	1.46	1.67	1.68
17	.74	.82	.92	.36	.70	.40	.56	.12	.69	.46	.67	.67
18	.73	.82	.91	.35	.74	.56	.46	.13	.67	.46	.66	.66
19	.72	.82	.92	.34	.82	.65	.38	.10	.65	.47	.66	.65
20	.72	.82	.98	.34	2.17	.69	.34	.07	.63	.46	.66	.64
21	0.72	0.84	1.07	1.34	2.43	2.70	2.33	2.05	1.61	1.46	1.64	1.65
22	.71	.84	.09	.33	.57	.70	.30	.03	.60	.46	.64	.64
23	.72	.84	.09	.34	.63	.68	.27	.02	.58	.46	.64	.64
24	.72	.84	.09	.37	.61	.65	.24	.01	.57	.46	.62	.63
25	.71	.84	.09	.37	.56	.60	.20	1.98	.55	.45	.63	.63
26	0.71	0.84	1.09	1.40	2.61	2.40	2.17	1.95	1.54	1.46	1.63	1.62
27	.71	.84	.10	.40	.69	.39	.14	.92	.53	.45	.65	.62
28	.69	.84	.16	.44	.72	.37	.12	.90	.53	.44	.62	.60
29	.68	.84	.20	.45	.72	.34	.09	.88	.53	.44		.60
30	.69	.82	.24	.45	.72	.36	.08	.88	.52	.43		.60
31		.83		.46	.72		.06		.51	.50		.60
Mean	0.71	0.77	0.96	1.35	1.96	2.54	2.40	1.98	1.69	1.47	1.65	1.65
Max.	0.74	0.84	1.24	1.46	2.72	2.73	2.69	2.14	1.87	1.52	1.68	1.70
Min.	0.68	0.66	0.83	1.25	1.48	2.33	2.06	1.88	1.51	1.43	1.54	1.60

WATER YEAR 1974 : Max. 2.73 m. Min. 0.66 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.00	0.00	0.06	0.12	34	4.69	0.67	0.25	0.14	0.14	0.17
2				0.06	0.13	36	4.40	0.56	0.24	0.13	0.17	0.19
3				0.06	0.13	38	5.26	0.56	0.24	0.13	0.18	0.19
4				0.07	0.14	36	8.08	0.61	0.24	0.13	0.18	0.18
5				0.08	0.14	34	11	0.72	0.24	0.13	0.18	0.18
6				0.09	0.14	28	12	0.83	0.24	0.12	0.17	0.18
7				0.07	0.14	21	13	0.89	0.23	0.12	0.17	0.18
8				0.09	0.14	14	11	1.00	0.22	0.12	0.17	0.18
9				0.09	0.15	12	8.92	1.19	0.22	0.12	0.17	0.18
10				0.09	0.15	11	24	1.38	0.21	0.12	0.18	0.19
11			0.00	0.09	0.15	11	31	1.28	0.21	0.12	0.18	0.18
12			0.002	0.09	0.14	8.08	29	1.19	0.21	0.12	0.18	0.19
13			0.003	0.09	0.14	6.82	29	1.19	0.20	0.12	0.18	0.19
14			0.002	0.09	0.14	5.83	27	1.28	0.20	0.12	0.18	0.19
15			0.002	0.08	0.14	4.40	26	1.19	0.20	0.12	0.18	0.18
16			0.002	0.09	0.17	4.69	22	1.09	0.19	0.12	0.18	0.18
17			0.003	0.09	0.19	6.40	15	1.19	0.19	0.12	0.18	0.18
18			0.002	0.08	0.20	15	8.92	1.28	0.18	0.12	0.18	0.18
19			0.003	0.08	0.23	25	5.83	1.00	0.17	0.12	0.18	0.17
20			0.014	0.08	1.66	31	4.69	0.83	0.17	0.12	0.18	0.17
21			0.029	0.08	7.66	32	4.40	0.72	0.16	0.12	0.17	0.17
22			0.032	0.08	17	32	3.55	0.61	0.16	0.12	0.17	0.17
23			0.032	0.08	22	29	3.07	0.56	0.15	0.12	0.17	0.17
24			0.032	0.09	19	26	2.59	0.50	0.15	0.12	0.17	0.17
25			0.032	0.09	15	18	1.95	0.41	0.14	0.11	0.17	0.17
26			0.032	0.10	19	6.40	1.66	0.35	0.14	0.12	0.17	0.17
27			0.034	0.10	31	6.11	1.38	0.30	0.14	0.11	0.17	0.17
28			0.044	0.11	36	5.54	1.19	0.26	0.14	0.11	0.17	0.16
29			0.050	0.11	36	4.69	0.94	0.25	0.14	0.11		0.16
30	0.00		0.058	0.11	36	5.26	0.89	0.25	0.14	0.11		0.16
31		0.00		0.12	36		0.78		0.13	0.13		0.16
Total	0.00	0.00	0.408	2.69	279.20	547.22	323.19	24.14	5.84	3.74	4.87	5.46
Mean	0.00	0.00	0.013	0.09	9.01	18.2	10.4	0.80	0.19	0.12	0.17	0.18
Max.	0.00	0.00	0.058	0.12	36	38	31	1.38	0.25	0.14	0.18	0.19
Min.	0.00	0.00	0.00	0.06	0.12	4.40	0.78	0.25	0.13	0.11	0.14	0.16
Runoff - mcm.	0.000	0.000	0.035	0.232	24.122	47.280	27.924	2.086	0.505	0.323	0.421	0.472

WATER YEAR 1974 : Max. 38 Min. 0.00 Mean 3.28 Annual Runoff 103.400 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept.3	01.00	2.73	38				

MUN RIVER BASIN

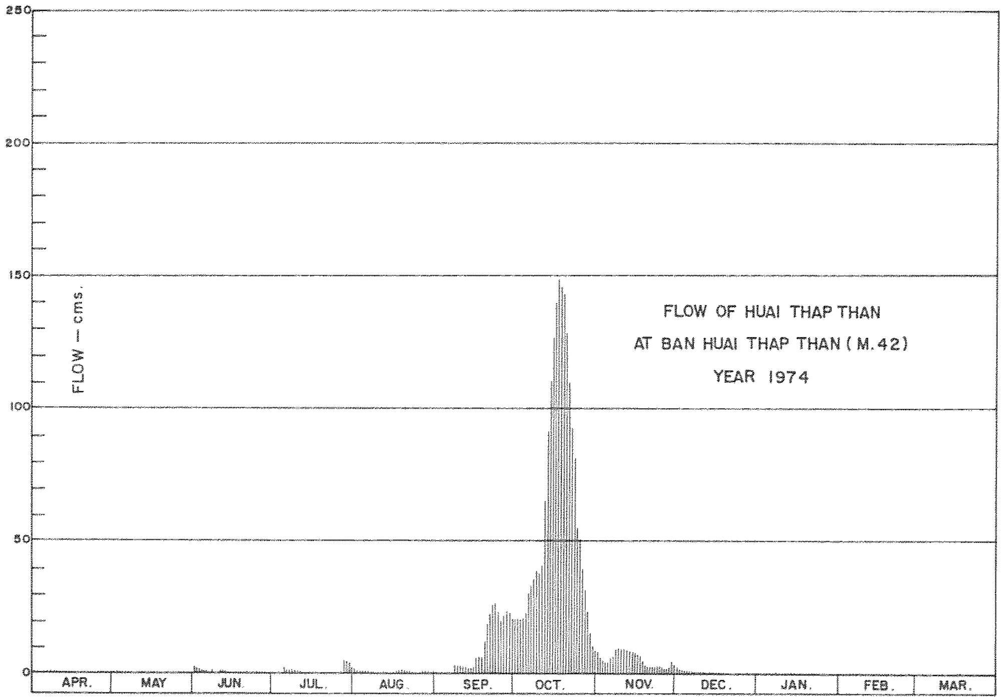
Huai Thap Than at Ban Huai Thap Than, Si Sa Ket (M.42)

Location:	Lat. 15°-02'-42" N., Long. 104°-01'-29" E., on left bank at the pier of Huai Thap Than Bridge, Amphoe Utumphon Phisai, Si Sa Ket.
Drainage Area:	1,794 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on side walk at the middle of the bridge.
Elevation:	+ 11.581 m. (A.D.)
Gage Reading Frequency:	4-time daily readings at 08.00, 11.00, 14.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 4 readings.
Period of Available Gage Records:	1972 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow start of elevation + 3.90 m. (A.D.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.45	0.55	1.10	0.55	0.96	0.72	3.13	1.78	1.16	0.51	0.51	0.47
2	.44	.53	.02	.55	.87	.70	.01	.66	.02	.51	.51	.46
3	.44	.51	0.87	.58	.77	.68	.10	.58	0.95	.50	.50	.46
4	.44	.50	.82	.56	.80	.68	.12	.46	.90	.50	.50	.47
5	.45	.50	.78	1.09	.77	.66	.34	.42	.87	.50	.50	.49
6	0.45	0.51	0.73	0.89	0.74	0.66	3.93	1.60	0.84	0.50	0.50	0.50
7	.45	.51	.71	.85	.70	.71	4.14	.68	.79	.50	.55	.49
8	.45	.50	.77	.91	.70	1.21	.33	2.04	.74	.50	.54	.48
9	.49	.49	.70	.88	.67	.24	.51	.07	.69	.62	.54	.47
10	.49	.49	.70	.84	.65	.23	.40	.03	.68	.55	.51	.45
11	0.49	0.49	0.83	0.79	0.64	1.21	4.63	2.02	0.67	0.53	0.51	0.46
12	.49	.49	.81	.70	.67	.17	5.99	.00	.65	.52	.50	.48
13	.49	.50	.76	.68	.67	.10	7.09	1.97	.65	.54	.49	.48
14	.49	.50	.68	.69	.63	.07	.71	.93	.65	.55	.51	.47
15	.48	.50	.62	.66	.70	.14	8.11	.88	.65	.55	.50	.48
16	0.48	0.49	0.75	0.65	0.72	1.67	8.42	1.80	0.64	0.51	0.50	0.49
17	.48	.49	.71	.59	.81	.69	.61	.63	.64	.50	.49	.49
18	.48	.49	.70	.56	.84	.67	.60	.40	.63	.58	.50	.48
19	.47	.49	.68	.56	.92	2.26	.57	.25	.61	.56	.48	.50
20	.47	.49	.66	.60	.86	.89	.40	.16	.62	.53	.48	.49
21	0.47	0.49	0.65	0.69	0.84	3.30	8.17	1.07	0.61	0.51	0.50	0.47
22	.47	.50	.57	.61	.78	.48	7.86	.07	.58	.54	.50	.49
23	.47	.48	.54	.66	.77	.56	.42	.12	.54	.52	.49	.48
24	.47	.48	.65	.70	.73	.30	6.38	.16	.60	.51	.48	.47
25	.47	.50	.76	.65	.72	.42	.14	.09	.55	.53	.48	.47
26	0.48	0.48	0.69	0.64	0.73	3.57	5.44	1.01	0.55	0.51	0.50	0.47
27	.48	.49	.61	.78	.75	.66	4.63	0.97	.54	.51	.50	.48
28	.51	.49	.61	1.49	.79	.75	3.69	1.27	.55	.50	.49	.50
29	.50	.50	.57	.33	.78	.68	2.85	.46	.54	.50	-	.50
30	.58	.52	.57	.21	.74	.44	.24	.32	.53	.50	-	.50
31	-	.51	-	.08	.73	-	1.92	-	.53	.50	-	.51
Mean	0.47	0.50	0.72	0.77	0.76	1.98	5.48	1.53	0.68	0.52	0.50	0.48
Max.	0.58	0.55	1.10	1.49	0.96	3.75	8.61	2.07	1.16	0.58	0.55	0.51
Min.	0.44	0.48	0.54	0.55	0.63	0.66	1.92	0.97	0.53	0.50	0.48	0.45

WATER YEAR 1974 : Max. 8.61 m. Min. 0.44 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.10	0.35	2.50	0.35	1.80	0.86	21	7.14	2.80	0.23	0.23	0.14
2	0.08	0.29	2.05	0.35	1.38	0.80	20	6.18	2.10	0.23	0.23	0.12
3	0.08	0.23	1.38	0.44	1.01	0.74	21	5.56	1.75	0.20	0.20	0.12
4	0.08	0.20	1.18	0.38	1.10	0.74	21	4.72	1.50	0.20	0.20	0.14
5	0.10	0.20	1.04	2.45	1.01	0.68	24	4.44	1.38	0.20	0.20	0.18
6	0.10	0.23	0.89	1.46	0.92	0.68	31	5.70	1.26	0.20	0.20	0.20
7	0.10	0.23	0.83	1.30	0.80	0.83	34	6.34	1.07	0.20	0.35	0.18
8	0.10	0.20	1.01	1.55	0.80	3.06	37	9.50	0.92	0.20	0.32	0.16
9	0.18	0.18	0.80	1.42	0.71	3.24	39	9.80	0.77	0.56	0.32	0.14
10	0.18	0.18	0.80	1.26	0.65	3.18	38	9.40	0.74	0.35	0.23	0.10
11	0.18	0.18	1.22	1.07	0.62	3.06	41	9.30	0.71	0.29	0.23	0.12
12	0.18	0.18	1.14	0.80	0.71	2.85	65	9.10	0.65	0.26	0.20	0.16
13	0.18	0.20	0.98	0.74	0.71	2.50	91	8.83	0.65	0.32	0.18	0.16
14	0.18	0.20	0.74	0.77	0.59	2.35	110	8.47	0.65	0.35	0.23	0.14
15	0.16	0.20	0.56	0.68	0.80	2.70	126	8.02	0.65	0.35	0.20	0.16
16	0.16	0.18	0.95	0.65	0.86	6.26	140	7.30	0.62	0.23	0.20	0.18
17	0.16	0.18	0.83	0.47	1.14	6.42	149	5.94	0.62	0.20	0.18	0.18
18	0.16	0.18	0.80	0.38	1.26	6.26	146	4.30	0.59	0.44	0.20	0.16
19	0.14	0.18	0.74	0.38	1.60	12	143	3.30	0.53	0.38	0.16	0.20
20	0.14	0.18	0.68	0.50	1.34	18	126	2.80	0.56	0.29	0.16	0.18
21	0.14	0.18	0.65	0.77	1.26	23	110	2.35	0.53	0.23	0.20	0.14
22	0.14	0.20	0.41	0.53	1.04	26	94	2.35	0.44	0.32	0.20	0.18
23	0.14	0.16	0.32	0.68	1.01	27	78	2.60	0.32	0.26	0.18	0.16
24	0.14	0.16	0.65	0.80	0.89	23	55	2.80	0.50	0.23	0.16	0.14
25	0.14	0.20	0.98	0.65	0.86	25	51	2.40	0.35	0.29	0.16	0.14
26	0.16	0.16	0.77	0.62	0.89	27	40	2.05	0.35	0.23	0.20	0.14
27	0.16	0.18	0.53	1.04	0.95	28	31	1.85	0.32	0.23	0.20	0.16
28	0.23	0.18	0.53	4.93	1.07	29	24	3.42	0.35	0.20	0.18	0.20
29	0.20	0.20	0.41	3.84	1.04	28	18	4.72	0.32	0.20	–	0.20
30	0.44	0.26	0.41	3.06	0.92	25	11	3.74	0.29	0.20	–	0.20
31	–	0.23	–	2.40	0.89	–	8.38	–	0.29	0.20	–	0.23
Total	4.63	6.26	26.78	36.72	30.63	338.21	1,943.38	164.42	24.58	8.27	5.90	5.01
Mean	0.15	0.20	0.89	1.18	0.99	11.3	62.7	5.48	0.79	0.28	0.21	0.16
Max.	0.44	0.35	2.50	4.93	1.80	29	149	9.80	2.80	0.44	0.35	0.23
Min.	0.08	0.10	0.32	0.35	0.59	0.68	8.38	1.85	0.29	0.20	0.16	0.10
Runoff - mcm.	0.400	0.541	2.314	3.173	2.646	29.221	167.908	14.206	2.124	0.714	0.510	0.433

WATER YEAR 1974 : Max. 149 Min. 0.08 Mean 7.11 Annual Runoff 224.190 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.17, 74	17.00	8.63	150				

MUN RIVER BASIN

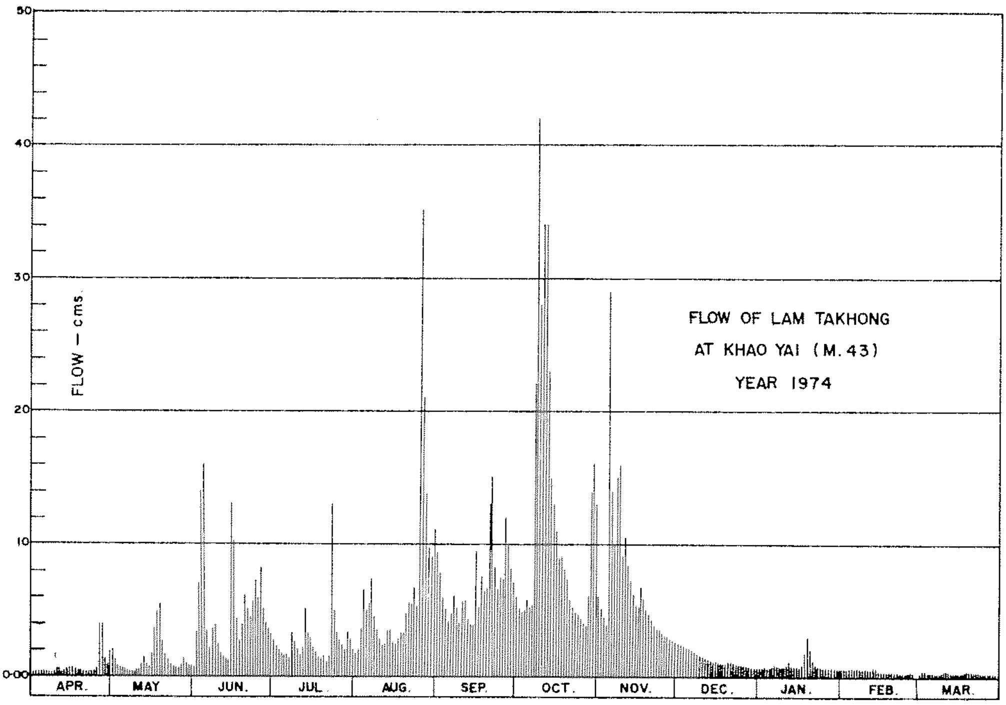
Lam Takhong at Khao Yai (Ban Mu Si), Nakhon Ratchasima (M.43)

Location:	Lat. 14°-31'-40" N., Long. 101°-24'-09" E., on left bank infront of highway maintenance office, Ban Mu Si, Amphoe Pak Chong, Nakhon Ratchasima.
Drainage Area:	235 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the ladder of automatic gage building.
Elevation:	+ 5.592 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965, 1967-1973.
Rated by Float:	-
Rated by Current Meter:	1965, 1967-1973.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 26 discharge measurements made in 1973.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.46	0.72	0.55	0.79	0.69	1.25	1.04	1.04	0.77	0.55	0.54	0.46
2	.46	.63	.84	.75	.73	.14	0.98	0.98	.76	.56	.54	.52
3	.46	.59	1.43	.72	.86	.03	.96	.93	.75	.57	.54	.52
4	.45	.56	.52	.70	1.06	0.97	.97	.89	.75	.56	.55	.48
5	.45	.54	0.89	.69	0.97	.91	1.02	1.97	.74	.56	.54	.46
6	0.47	0.52	0.78	0.69	1.00	0.94	0.98	1.44	0.73	0.57	0.54	0.46
7	.46	.50	.73	.65	.10	1.03	1.00	.27	.71	.58	.54	.46
8	.45	.48	.85	.84	0.93	0.98	.74	.48	.70	.58	.53	.46
9	.47	.47	.89	.77	.85	.90	2.31	.52	.69	.57	.53	.47
10	.53	.49	.77	.72	.79	.86	1.94	.21	.68	.56	.53	.50
11	0.53	0.52	0.70	0.69	0.76	1.01	2.09	1.28	0.67	0.59	0.53	0.50
12	.47	.59	.67	.75	.77	.02	.09	.18	.65	.63	.52	.50
13	.49	.65	.65	.97	.85	0.90	1.77	.11	.64	.59	.54	.50
14	.54	.59	.63	.83	.85	.89	.50	.05	.63	.58	.54	.49
15	.54	.56	1.39	.81	.78	.89	.38	.00	.63	.57	.50	.47
16	0.53	0.68	1.15	0.74	0.76	1.23	1.31	0.98	0.62	0.56	0.48	0.46
17	.52	.86	0.91	.70	.80	0.98	.20	1.09	.62	.60	.49	.46
18	.50	.96	.79	.67	.84	1.13	.21	.02	.61	.71	.50	.49
19	.48	1.00	.87	.65	.88	.06	.16	0.97	.61	.82	.49	.51
20	.47	0.79	1.04	.68	.95	.07	.11	.95	.63	.73	.48	.51
21	0.45	0.69	0.99	0.62	1.00	1.40	1.02	0.92	0.62	0.64	0.48	0.49
22	.45	.65	.93	.68	.00	.48	0.99	.89	.62	.60	.48	.48
23	.45	.60	1.01	1.40	.06	.16	.96	.86	.61	.58	.47	.48
24	.48	.57	.11	0.94	0.98	.07	.95	.86	.60	.57	.47	.46
25	.54	.55	.01	.84	1.06	.12	.93	.84	.60	.56	.47	.46
26	0.89	0.53	1.16	0.79	2.13	1.11	0.90	0.82	0.58	0.55	0.48	0.46
27	.89	.57	0.97	.75	1.72	.35	.88	.81	.58	.55	.48	.46
28	.65	.65	.90	.72	.42	.28	1.03	.80	.57	.54	.47	.45
29	.59	.61	.87	.84	.24	.15	.17	.79	.56	.54		.45
30	.70	.58	.83	.80	.20	.10	.53	.78	.56	.54		.44
31		.57		.73	.32		.40		.55	.54		.45
Mean	0.51	0.62	0.93	0.77	1.01	1.08	1.27	1.06	0.64	0.58	0.50	0.47
Max.	0.89	1.00	1.52	1.40	2.13	1.48	2.31	1.97	0.77	0.82	0.55	0.52
Min.	0.45	0.47	0.55	0.62	0.69	0.86	0.88	0.78	0.55	0.54	0.47	0.44

WATER YEAR 1974 : Max. 2.31 m. Min. 0.44 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.35	2.02	0.74	2.79	1.72	9.90	6.14	6.14	2.57	0.74	0.69	0.35
2	0.35	1.24	3.38	2.35	2.13	7.82	5.22	5.22	2.46	0.79	0.69	0.58
3	0.35	0.94	14	2.02	3.62	5.98	4.94	4.52	2.35	0.84	0.69	0.58
4	0.31	0.79	16	1.80	6.46	5.08	5.08	3.98	2.35	0.79	0.74	0.41
5	0.31	0.69	3.98	1.72	5.08	4.24	5.82	29	2.24	0.79	0.74	0.35
6	0.38	0.58	2.68	1.72	5.50	4.66	5.22	14	2.13	0.84	0.74	0.35
7	0.35	0.48	2.13	1.40	7.10	5.98	5.50	10	1.91	0.89	0.74	0.35
8	0.31	0.41	3.50	3.38	4.52	5.22	22	15	1.80	0.89	0.64	0.35
9	0.38	0.38	3.98	2.57	3.50	4.10	42	16	1.72	0.84	0.64	0.35
10	0.64	0.45	2.57	2.02	2.79	3.62	28	9.10	1.64	0.79	0.64	0.48
11	0.64	0.58	1.80	1.72	2.46	5.66	34	10.50	1.56	0.94	0.64	0.48
12	0.38	0.94	1.56	2.35	2.57	5.82	34	8.54	1.40	1.24	0.58	0.48
13	0.45	1.40	1.40	5.08	3.50	4.10	23	7.28	1.32	0.94	0.74	0.48
14	0.69	0.94	1.24	3.26	3.50	3.98	15	6.30	1.24	0.89	0.74	0.45
15	0.69	0.79	13	3.02	2.68	3.98	13	5.50	1.24	0.84	0.48	0.38
16	0.64	1.64	8.00	2.24	2.46	9.50	11	5.22	1.16	0.79	0.41	0.35
17	0.58	3.62	4.24	1.80	2.90	5.22	8.90	6.94	1.16	1.00	0.45	0.35
18	0.48	4.94	2.79	1.56	3.38	7.64	9.10	5.82	1.08	1.91	0.48	0.45
19	0.41	5.50	3.74	1.40	3.86	6.46	8.18	5.08	1.08	3.14	0.45	0.53
20	0.38	2.79	6.14	1.64	4.80	6.62	7.28	4.80	1.24	2.13	0.41	0.53
21	0.31	1.72	5.36	1.16	5.50	13	5.82	4.38	1.16	1.32	0.41	0.45
22	0.31	1.40	4.52	1.64	5.50	15	5.36	3.98	1.16	1.00	0.41	0.41
23	0.31	1.00	5.66	13	6.46	8.18	4.94	3.62	1.08	0.89	0.38	0.41
24	0.41	0.84	7.28	4.66	5.22	6.62	4.80	3.62	1.00	0.84	0.38	0.35
25	0.69	0.74	5.66	3.38	6.46	7.46	4.52	3.38	1.00	0.79	0.38	0.35
26	3.98	0.64	8.18	2.79	35	7.28	4.10	3.14	0.90	0.74	0.41	0.35
27	3.98	0.84	5.08	2.35	21	12	3.86	3.02	0.90	0.74	0.41	0.35
28	1.40	1.40	4.10	2.02	13	10	5.98	2.90	0.84	0.69	0.38	0.31
29	0.94	1.08	3.74	3.38	9.70	8.00	8.36	2.79	0.79	0.69		0.31
30	1.80	0.90	3.26	2.90	8.90	7.10	16	2.68	0.79	0.69		0.28
31		0.84		2.13	11		13		0.74	0.69		0.31
Total	23.20	42.52	149.71	85.25	202.27	210.22	370.12	212.45	44.01	31.10	15.49	12.54
Mean	0.77	1.37	4.99	2.75	6.52	7.00	11.9	7.08	1.42	1.00	0.55	0.40
Max.	3.98	5.50	16	13	35	15	42	29	2.57	3.14	0.74	0.58
Min.	0.31	0.38	0.74	1.16	1.72	3.62	3.86	2.68	0.74	0.69	0.38	0.28
Runoff - mcm.	2.004	3.674	12.935	7.366	17.476	18.163	31.978	18.356	3.802	2.687	1.338	1.083

WATER YEAR 1974 : Max. 42 Min. 0.28 Mean 3.83 Annual Runoff 120.863 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.9	08.00	2.96	72				

MUN RIVER BASIN

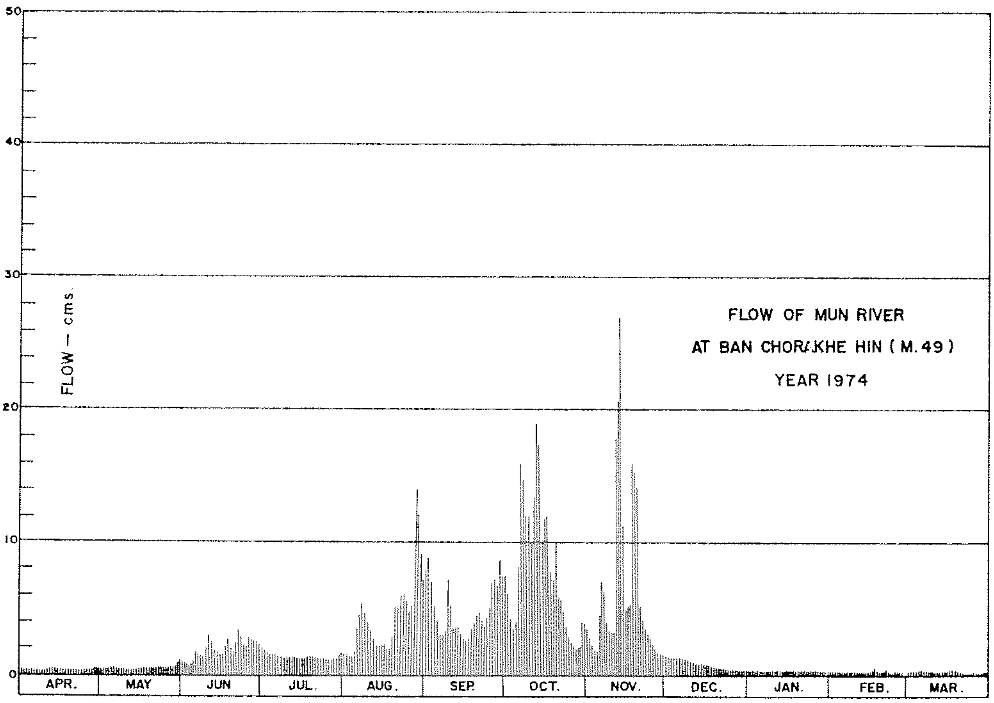
Mun River at Ban Chorakhe Hin, Nakhon Ratchasima (M.49)

Location:	Lat. 14°-30'-32" N., Long. 102°-09'-50" E., on right bank about 3 kilometers downstream proposed damsite, Amphoe Khon Buri, Nakhon Ratchasima.
Drainage Area:	451 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 197.21 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 205.267 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965-1974
Rating Operation:	
Period of Rating:	1965-1973
Rated by Float:	-
Rated by Current Meter:	1965-1973
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records poor. Stage-discharge relation defined by 89 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	198.35	198.37	199.51	200.24	200.07	200.83	200.82	200.50	200.02	198.48	198.32	198.25
2	.32	.35	.32	.17	.01	.90	.69	.38	199.98	.47	.32	.22
3	.31	.40	.10	.09	199.96	.77	.56	.26	.93	.47	.32	.23
4	.29	.55	198.89	.03	.93	.66	.48	.17	.88	.45	.32	.26
5	.28	.56	199.50	199.99	200.19	.57	.55	.12	.83	.44	.31	.32
6	198.27	198.48	200.12	199.93	200.44	200.48	200.82	200.37	199.80	198.42	198.33	198.40
7	.28	.40	.04	.93	.60	.40	201.22	.78	.78	.42	.34	.65
8	.27	.36	199.87	.91	.67	.41	.15	.55	.74	.41	.33	.70
9	.24	.34	.83	.85	.62	.80	.05	.48	.69	.42	.30	.40
10	.21	.32	200.28	.86	.56	.67	.07	.46	.64	.42	.29	.20
11	198.18	198.31	200.41	199.86	200.47	200.58	200.97	200.43	199.54	198.42	198.31	198.26
12	.21	.29	.27	.86	.35	.49	201.10	201.35	.48	.42	.33	.15
13	.20	.27	.12	.82	.26	.51	.33	.54	.43	.44	.31	.19
14	.21	.31	.05	.80	.22	.48	.20	.05	.36	.44	.32	.21
15	.22	.37	199.95	.79	.28	.37	200.98	200.79	.30	.44	.27	.27
16	198.22	198.45	199.85	199.73	200.28	200.31	201.08	200.63	199.22	198.44	198.28	198.31
17	.22	.50	200.18	.72	.22	.34	.03	.67	.11	.42	.44	.55
18	.22	.49	.34	.87	.19	.47	200.83	201.21	.06	.44	.93	.72
19	.20	.53	.21	.97	.40	.49	.80	.14	198.99	.42	.44	.49
20	.19	.61	.07	.92	.64	.61	.96	200.83	.93	.39	.33	.38
21	198.23	198.74	200.30	199.85	200.64	200.62	200.70	200.67	198.88	198.42	198.36	198.34
22	.27	.70	.46	.78	.65	.55	.69	.58	.82	.46	.66	.37
23	.21	.65	.33	.73	.72	.50	.56	.50	.78	.45	.27	.29
24	.17	.69	.22	.68	.71	.58	.47	.43	.74	.40	.21	.25
25	.17	.80	.22	.63	.64	.64	.39	.36	.69	.38	.33	.23
26	198.19	198.81	200.36	199.60	200.60	200.78	200.33	200.30	198.66	198.36	198.47	198.21
27	.34	.64	.34	.60	.68	.80	.25	.24	.62	.36	.25	.20
28	.57	.53	.33	.66	201.05	.76	.20	.19	.59	.37	.24	.18
29	.47	.67	.33	.77	.16	.89	.22	.14	.57	.39		.19
30	.41	199.39	.31	.92	200.95	.80	.54	.07	.53	.38		.20
31	-	.61	-	200.09	.80	-	.54	-	.51	.36		.20
Mean	198.26	198.56	200.04	199.86	200.48	200.60	200.76	200.57	199.23	198.42	198.35	198.32
Max.	198.57	199.61	200.41	200.24	201.16	200.90	201.22	201.54	200.02	198.48	198.93	198.70
Min.	198.17	198.27	198.89	199.60	199.93	200.31	200.20	200.07	198.51	198.37	198.21	198.15

WATER YEAR 1974 : Max. 201.54 m. Min. 198.15 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.37	0.38	1.01	2.16	1.64	7.71	7.74	3.60	1.54	0.44	0.30	0.32
2	0.36	0.37	0.86	1.91	1.52	8.90	5.67	2.88	1.48	0.43	0.36	0.31
3	0.35	0.40	0.75	1.68	1.46	6.78	4.14	2.24	1.43	0.43	0.36	0.31
4	0.34	0.47	0.64	1.56	1.43	5.28	3.48	1.91	1.38	0.42	0.36	0.33
5	0.34	0.48	1.00	1.49	1.97	4.23	4.05	1.76	1.33	0.42	0.35	0.36
6	0.33	0.44	1.76	1.43	3.24	3.48	7.54	2.82	1.30	0.41	0.36	0.40
7	0.34	0.40	1.58	1.43	4.50	3.00	16	6.92	1.28	0.41	0.37	0.52
8	0.33	0.38	1.37	1.41	5.41	3.06	14	4.05	1.24	0.40	0.36	0.55
9	0.32	0.37	1.33	1.35	4.76	7.20	12	3.48	1.19	0.41	0.35	0.40
10	0.30	0.36	2.32	1.36	4.14	5.41	12	3.36	1.14	0.41	0.34	0.30
11	0.29	0.35	3.06	1.36	3.42	4.32	10	3.18	1.04	0.41	0.35	0.33
12	0.30	0.34	2.28	1.36	2.70	3.54	13	20	0.98	0.41	0.36	0.27
13	0.30	0.33	1.76	1.32	2.24	3.69	19	27	0.93	0.42	0.35	0.29
14	0.30	0.35	1.60	1.30	2.08	3.48	15	12	0.88	0.42	0.36	0.30
15	0.31	0.38	1.45	1.29	2.32	2.82	10	7.06	0.85	0.42	0.33	0.33
16	0.31	0.42	1.35	1.23	2.32	2.46	12	4.89	0.81	0.42	0.34	0.35
17	0.31	0.45	1.94	1.22	2.08	2.64	11	5.41	0.75	0.41	0.42	0.47
18	0.31	0.44	2.64	1.37	1.97	3.42	7.71	16	0.73	0.42	0.66	0.56
19	0.30	0.46	2.04	1.47	3.00	3.54	7.20	14	0.69	0.41	0.42	0.44
20	0.29	0.50	1.64	1.42	5.02	4.63	10	7.71	0.66	0.39	0.36	0.39
21	0.31	0.57	2.40	1.35	5.02	4.76	5.80	5.41	0.64	0.41	0.38	0.37
22	0.33	0.55	3.36	1.28	5.15	4.05	5.67	4.32	0.61	0.43	0.53	0.38
23	0.30	0.52	2.58	1.23	6.08	3.60	4.14	3.60	0.59	0.42	0.33	0.34
24	0.28	0.54	2.08	1.18	5.94	4.32	3.42	3.18	0.57	0.40	0.30	0.32
25	0.28	0.60	2.08	1.13	5.02	5.02	2.94	2.76	0.54	0.39	0.36	0.31
26	0.29	0.60	2.76	1.10	4.50	6.92	2.58	2.40	0.53	0.38	0.43	0.30
27	0.37	0.52	2.64	1.10	5.54	7.20	2.20	2.16	0.51	0.38	0.32	0.30
28	0.48	0.46	2.58	1.16	12	6.64	2.00	1.97	0.49	0.37	0.32	0.29
29	0.43	0.53	2.58	1.27	14	8.73	2.08	1.82	0.48	0.39	-	0.29
30	0.40	0.89	2.46	1.42	9.85	7.20	3.96	1.64	0.46	0.39	-	0.30
31	-	1.11	-	1.68	7.20		3.96		0.45	0.38	-	0.30
Total	9.87	14.96	57.90	43.02	137.52	148.03	240.08	179.53	27.50	12.65	10.49	11.03
Mean	0.33	0.48	1.93	1.39	4.44	4.93	7.74	5.98	0.89	0.41	0.37	0.35
Max.	0.48	1.11	3.06	2.16	14	8.90	16	27	1.54	0.44	0.66	0.55
Min.	0.28	0.33	0.64	1.10	1.43	2.46	2.00	1.64	0.45	0.37	0.30	0.27
Runoff - mcm.	0.853	1.292	5.002	3.717	11.882	12.790	20.743	15.511	2.376	1.093	0.906	0.953

WATER YEAR 1974 : Max. 27 Min. 0.27 Mean 2.44 Annual Runoff 77.119 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.13, 74	01.00	201.66	32				

MUN RIVER BASIN

Mun River at Ban Na, NakhonRatchasima (M.49B)

Location: Lat. 14°-29'-41" N., Long. 102°-09'-37" E., on right bank about 1.5 kilometers downstream from proposed damsite , Amphoe Khon Buri, Nakhon Ratchasima.

Drainage Area: 431 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 203.500 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: –
Elevation: + 207.131 m. (M.S.L.)

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: 1974 to date.

Rating Operation:

Period of Rating: 1974 to date.
Rated by Float: –
Rated by Current Meter: 1974 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: –

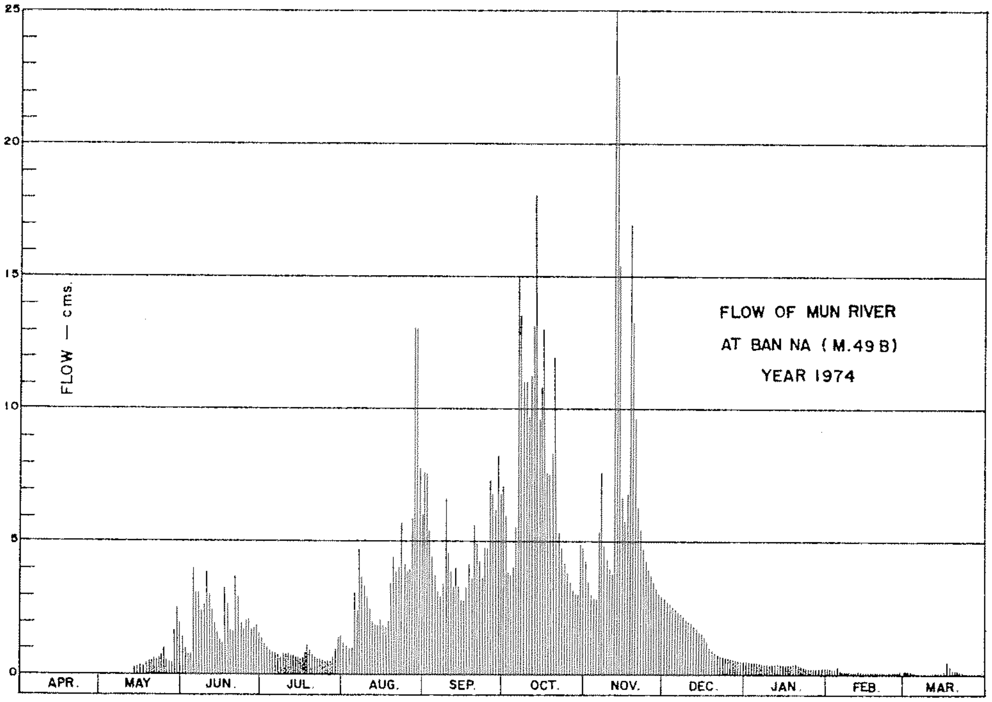
General Description: Records fair. Stage-discharge relation defined by 300 discharge measurements made in 1974.

Remarks: Stream gaging began on May 14, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			205.22	205.22	205.11	206.67	206.62	206.26	205.88	204.52	204.18	204.05
2			204.99	.10	.04	.66	.37	.07	.83	.51	.16	.06
3			.77	204.98	204.92	.39	.18	205.95	.79	.49	.08	.02
4			.71	.90	.91	.23	.09	.88	.75	.48	.09	203.98
5			206.19	.80	205.95	.10	.35	.86	.73	.47	.30	.94
6			205.94	204.81	205.68	205.97	206.69	206.46	205.70	204.46	204.06	203.93
7			.94	.73	206.32	.88	207.27	.67	.67	.45	.05	.89
8			.69	.66	.10	206.06	.10	.34	.64	.43	.05	.90
9			.79	.79	.04	.57	.00	.28	.60	.43	.04	.89
10			206.15	.78	205.88	.30	206.99	.22	.56	.42	.04	.89
11			205.98	204.81	205.68	206.15	206.85	206.11	205.52	204.42	204.03	203.88
12			.71	.75	.53	.00	207.11	207.72	.47	.43	.02	.90
13			.53	.68	.45	.20	.42	.61	.41	.46	.03	.95
14		204.17	.34	.64	.47	.01	.10	206.94	.38	.44	.02	.93
15		.26	.20	.62	.58	205.83	206.85	.61	.32	.43	.02	.91
16		204.34	205.04	204.57	205.47	205.83	207.09	206.45	205.29	204.41	204.01	204.06
17		.32	.98	.74	.42	206.03	206.92	.58	.16	.39	.01	.54
18		.42	.76	205.05	.55	.22	.67	207.41	.01	.37	.01	.22
19		.46	.45	204.93	206.08	.10	.65	.13	204.94	.43	203.99	.01
20		.44	.24	.78	.27	.45	207.02	206.71	.83	.48	.99	203.96
21		204.64	206.12	204.67	206.16	206.33	206.71	206.53	204.78	204.35	203.99	204.05
22		.57	205.84	.61	.18	.22	.41	.41	.75	.33	.97	.01
23		.61	.54	.58	.46	.09	.32	.33	.71	.27	.97	203.94
24		.75	.39	.54	.28	.33	.23	.25	.68	.24	.96	.92
25		.97	.56	.53	.15	.33	.15	.19	.64	.23	.95	.90
26		204.55	205.59	204.51	206.16	206.64	206.07	206.13	204.64	204.21	203.96	203.89
27		.44	.40	.52	.37	.55	205.99	.07	.61	.20	.97	.88
28		.35	.41	.67	207.12	.52	.94	.00	.59	.19	204.05	.88
29		205.36	.47	.91	.10	.73	.93	205.95	.58	.17	–	.88
30		.76	.33	205.25	206.71	.58	206.34	.91	.56	.16	–	.87
31		.51	–	.27	.49	–	.33	–	.54	.18	–	.87
Mean			205.54	204.79	205.92	206.26	206.60	206.43	205.18	204.37	204.03	203.97
Max.			206.19	205.27	207.12	206.73	207.42	207.72	205.88	204.52	204.30	204.54
Min.			204.71	204.51	204.91	205.83	205.93	205.86	204.54	204.16	203.95	203.87

WATER YEAR 1974 : Max. 207.72 m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1			1.36	1.36	1.18	7.60	7.10	4.38	2.89	0.52	0.25	0.18
2			1.03	1.17	1.09	7.50	5.05	3.54	2.75	0.51	0.25	0.19
3			0.78	1.02	0.94	5.18	3.97	3.11	2.64	0.49	0.20	0.16
4			0.71	0.92	0.93	4.21	3.61	2.89	2.53	0.48	0.20	0.14
5			4.01	0.81	3.11	3.65	4.92	2.84	2.48	0.48	0.34	0.12
6			3.08	0.82	2.35	3.17	7.80	5.70	2.40	0.47	0.19	0.11
7			3.08	0.73	4.73	2.89	15	7.60	2.32	0.46	0.18	0.09
8			2.37	0.66	3.65	3.50	13	4.86	2.24	0.44	0.18	0.10
9			2.64	0.80	3.42	6.63	11	4.49	2.13	0.44	0.17	0.09
10			3.85	0.79	2.89	4.60	11	4.16	2.04	0.44	0.17	0.09
11			3.21	0.82	2.35	3.85	9.62	3.69	1.95	0.44	0.17	0.09
12			2.43	0.75	1.97	3.27	13	25	1.84	0.44	0.16	0.10
13			1.97	0.68	1.80	4.05	18	22	1.72	0.47	0.17	0.12
14		0.25	1.58	0.63	1.84	3.31	13	11	1.66	0.45	0.16	0.11
15		0.31	1.32	0.61	2.08	2.75	9.62	7.00	1.54	0.44	0.16	0.10
16		0.37	1.09	0.56	1.84	2.75	13	5.62	1.48	0.43	0.16	0.19
17		0.36	3.21	0.74	1.74	3.38	10	6.72	1.26	0.41	0.16	0.54
18		0.44	2.56	1.10	2.01	4.16	7.60	17	1.05	0.40	0.16	0.28
19		0.47	1.80	0.96	3.57	3.65	7.40	13	0.97	0.44	0.14	0.16
20		0.49	1.39	0.79	4.43	5.62	12	8.01	0.82	0.48	0.14	0.13
21		0.63	3.73	0.67	3.89	4.79	8.01	6.27	0.79	0.38	0.14	0.18
22		0.56	2.78	0.60	3.97	4.16	5.32	5.32	0.75	0.36	0.13	0.16
23		0.60	1.99	0.57	5.70	3.61	4.73	4.79	0.71	0.32	0.13	0.12
24		0.75	1.68	0.54	4.49	4.79	4.21	4.32	0.68	0.30	0.13	0.11
25		1.00	2.04	0.53	3.85	4.79	3.85	4.01	0.63	0.29	0.12	0.10
26		0.54	2.11	0.51	3.89	7.30	3.54	3.77	0.63	0.28	0.13	0.09
27		0.45	1.70	0.52	5.05	6.45	3.24	3.54	0.60	0.27	0.13	0.09
28		0.38	1.72	0.67	13	6.18	3.08	3.27	0.58	0.26	0.18	0.09
29		1.62	1.84	0.93	13	8.23	3.05	3.11	0.57	0.25	–	0.09
30		2.56	1.56	1.41	8.01	6.72	4.86	2.98	0.55	0.25	–	0.08
31		1.92	–	1.45	5.92	–	4.79	–	0.54	0.26	–	0.08
Total			64.62	25.12	118.69	142.74	244.37	203.99	45.74	12.35	4.81	4.28
Mean			2.15	0.81	3.83	4.76	7.88	6.80	1.47	0.40	0.17	0.14
Max.			4.01	1.45	13	8.23	18	25	2.89	0.52	0.34	0.54
Min.			0.71	0.51	0.93	2.75	3.05	2.84	0.54	0.25	0.12	0.08
Runoff – mcm.			5.583	2.170	10.255	12.333	21.113	17.625	3.952	1.067	0.415	0.370

WATER YEAR 1974 : Max. 25 Min. 0.08 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 12	18.00	207.82	28				

MUN RIVER BASIN

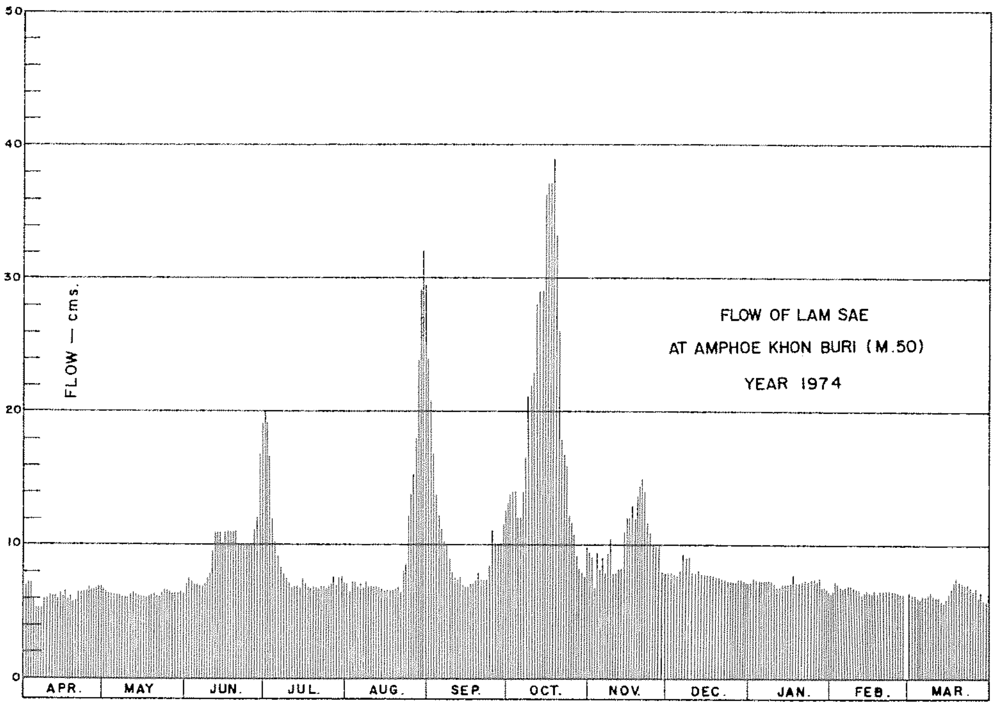
Lam Sae at Amphoe Khon Buri, Nakhon Ratchasima (M.50)

Location:	Lat. 14°-31'-08" N., Long. 102°-14'-39" E., on right bank about 500 meters south of Amphoe Khon Buri office, and 30 meters south-east of Sanitarium, Amphoe Khon Buri, Nakhon Ratchasima.
Drainage Area:	875 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	at the foot of the big tree near automatic gage building.
Elevation:	+ 10.00 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1967
Rated by Float:	-
Rated by Current Meter:	1965-1967
Stability of Channel Regimes:	Rather unstable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relationship defined by 21 discharge measurements made in 1967.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.70	1.67	1.72	2.06	1.72	2.12	1.91	1.81	1.78	1.74	1.67	1.67
2	.73	.67	.75	.05	.74	.04	.94	.80	.77	.75	.73	.65
3	.73	.66	.74	1.97	.73	1.97	.94	.78	.77	.74	.73	.65
4	.68	.66	.72	.87	.73	.92	.93	.81	.78	.74	.71	.64
5	.66	.66	.72	.84	.71	.88	.90	.79	.79	.74	.70	.63
6	1.66	1.66	1.71	1.80	1.72	1.85	1.88	1.80	1.81	1.74	1.70	1.66
7	.66	.65	.71	.79	.74	.83	.95	.78	.80	.74	.71	.64
8	.63	.65	.73	.76	.72	.83	2.07	.81	.80	.74	.71	.67
9	.63	.64	.75	.76	.70	.80	.09	.84	.80	.73	.71	.68
10	.65	.65	.77	.73	.71	.78	.09	.78	.78	.72	.69	.65
11	1.65	1.66	1.80	1.69	1.71	1.75	2.11	1.78	1.78	1.71	1.68	1.64
12	.65	.67	.87	.70	.71	.74	.19	.79	.79	.71	.64	.64
13	.63	.66	.87	.70	.70	.76	.20	.79	.78	.72	.64	.63
14	.67	.66	.86	.71	.70	.73	.21	.83	.78	.72	.68	.62
15	.63	.65	.84	.74	.69	.71	.29	.88	.78	.72	.68	.64
16	1.67	1.64	1.86	1.72	1.69	1.71	2.31	1.89	1.78	1.72	1.67	1.69
17	.63	.64	.87	.70	.68	.72	.31	.92	.77	.76	.69	.70
18	.65	.64	.87	.59	.69	.72	.34	.89	.77	.74	.66	.74
19	.62	.65	.87	.71	.68	.74	.30	.89	.77	.72	.68	.75
20	.63	.66	.87	.70	.70	.78	.19	.93	.77	.72	.68	.73
21	1.67	1.65	1.84	1.69	1.75	1.77	2.10	1.95	1.76	1.74	1.68	1.72
22	.67	.65	.84	.71	.77	.77	.03	.93	.76	.74	.69	.70
23	.67	.67	.86	.71	.79	.77	1.98	.89	.75	.74	.68	.72
24	.67	.68	.85	.69	.86	.78	.93	.86	.75	.74	.68	.69
25	.69	.68	.83	.71	.92	.85	.90	.83	.74	.75	.68	.68
26	1.68	1.67	1.83	1.74	1.97	1.84	1.86	1.81	1.74	1.72	1.66	1.71
27	.69	.67	.85	.72	2.00	.83	.82	.80	.75	.75	.64	.63
28	.70	.67	.88	.71	.08	.84	.79	.83	.75	.69	.66	.69
29	.64	.67	.98	.74	.20	.87	.78	.77	.74	.69	-	.63
30	.71	.68	2.05	.75	.25	.89	.77	.77	.74	.69	-	.62
31	-	.67	-	.72	.16	-	.80	-	.73	.68	-	.63
Mean	1.66	1.66	1.82	1.76	1.80	1.81	2.20	1.83	1.76	1.72	1.68	1.64
Max.	1.73	1.68	2.05	2.06	2.25	2.12	2.34	1.95	1.81	1.76	1.73	1.75
Min.	1.63	1.64	1.71	1.69	1.74	1.71	1.77	1.77	1.73	1.68	1.64	1.62

WATER YEAR 1974 : Max. 2.34 m. Min. 1.62 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	6.80	6.41	7.08	20	7.08	23	13	9.44	7.92	7.36	6.41	6.41
2	7.22	6.41	7.50	19	6.36	19	14	9.10	7.78	7.50	7.22	6.15
3	7.22	6.28	7.36	15	7.20	15	14	6.92	7.78	7.36	7.22	6.15
4	6.54	6.28	7.08	11	7.20	13	14	9.44	7.92	7.36	6.94	6.02
5	6.28	6.28	7.08	10	6.94	12	12	8.06	8.06	7.36	6.80	5.89
6	6.28	6.28	6.94	9.10	7.08	11	12	9.10	9.44	7.36	6.80	6.28
7	6.28	6.15	6.94	8.06	6.36	10	15	7.92	9.10	7.36	6.94	6.02
8	5.89	6.15	7.22	7.64	7.08	10	21	9.44	9.10	7.36	6.94	6.41
9	5.89	6.02	7.50	7.64	6.80	9.10	22	10	9.10	7.22	6.94	6.54
10	6.15	6.15	7.78	7.22	6.94	7.92	22	8.06	7.92	7.08	6.67	6.15
11	6.15	6.28	9.10	6.67	6.94	7.50	23	7.92	7.92	6.94	6.54	6.02
12	6.15	6.41	11	6.80	6.94	7.36	28	8.06	8.06	6.94	6.02	6.02
13	5.89	6.28	11	6.80	6.80	7.64	29	8.06	7.92	7.08	6.02	5.89
14	6.41	6.28	11	6.94	6.80	7.22	29	10	7.92	7.08	6.54	5.76
15	5.89	6.15	10	7.36	6.67	6.94	35	12	7.92	7.08	6.54	6.02
16	6.41	6.02	11	7.08	6.67	6.94	37	12	7.92	7.08	6.41	6.67
17	5.89	6.02	11	6.80	6.54	7.08	37	13	7.78	7.64	6.67	6.80
18	6.15	6.02	11	6.67	6.67	7.08	39	12	7.78	7.36	6.28	7.36
19	5.76	6.15	11	6.94	6.54	7.36	36	12	7.78	7.08	6.54	7.50
20	5.89	6.28	11	6.80	6.80	7.92	28	14	7.78	7.08	6.54	7.22
21	6.41	6.15	10	6.67	6.50	7.78	22	15	7.64	7.36	6.54	7.08
22	6.41	6.15	10	6.94	7.78	7.78	18	14	7.64	7.36	6.67	6.80
23	6.41	6.41	11	6.94	8.06	7.78	16	12	7.50	7.36	6.54	7.08
24	6.41	6.54	10	6.67	11	7.92	14	11	7.50	7.36	6.54	6.67
25	6.67	6.54	10	6.94	13	11	12	10	7.36	7.50	6.54	6.54
26	6.54	6.41	10	7.36	15	10	11	9.44	7.36	7.08	6.28	6.94
27	6.67	6.41	11	7.08	17	10	9.78	9.10	7.50	7.50	6.02	5.89
28	6.80	6.41	12	6.94	21	10	8.06	10	7.50	6.67	6.28	6.67
29	6.02	6.41	16	7.36	29	11	7.92	7.78	7.36	6.67	–	5.89
30	6.94	6.54	19	7.50	32	12	7.78	7.78	7.36	6.67	–	5.76
31	–	6.41	–	7.08	26	–	9.10	–	7.22	6.54	–	5.89
Total	190.42	194.68	298.58	261.00	322.75	298.32	615.64	302.62	244.84	222.75	184.39	198.49
Mean	6.34	6.28	9.95	8.41	10.4	9.94	19.8	10.1	7.89	7.18	6.58	6.40
Max.	7.22	6.54	19	20	32	23	39	15	9.44	7.64	7.22	7.50
Min.	5.89	6.02	6.94	6.67	6.36	6.94	7.78	7.78	7.22	6.54	6.02	5.76
Runoff - MCM.	16.452	16.821	25.797	22.550	27.886	25.775	53.191	26.146	21.154	19.246	15.931	17.150

WATER YEAR 1974 : Max. 39 Min. 5.76 Mean 9.13 Annual Runoff 288.099 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 18	24.00	2.34	39				

MUN RIVER BASIN

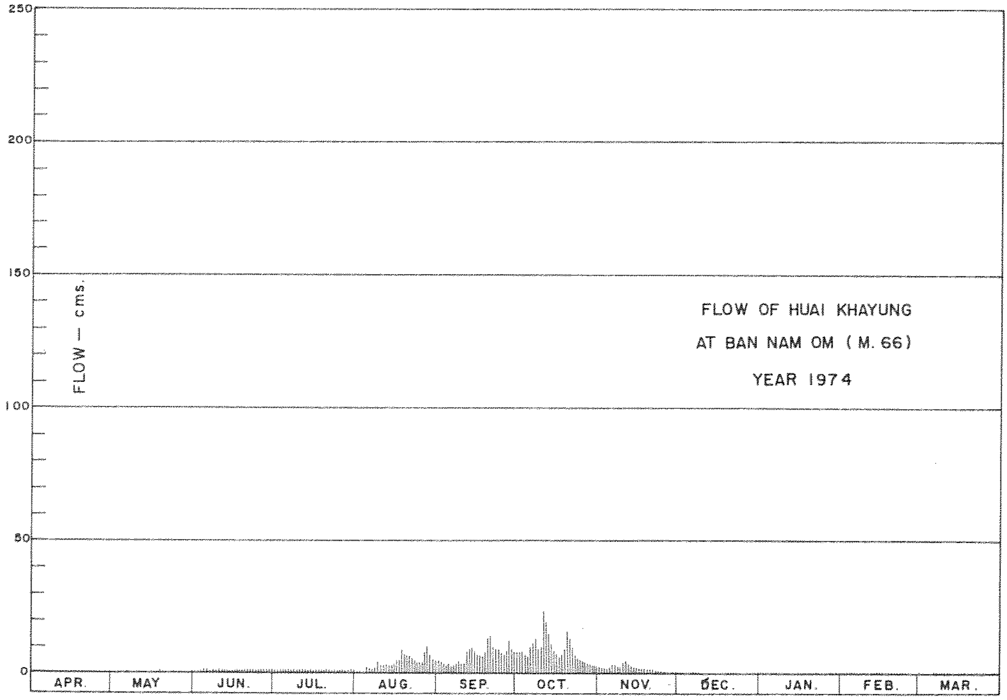
Huai Khayung at Ban Nam Om, Si Sa Ket (M.66)

Location:	Lat. 14°-38'-23" N., Long. 104°-39'-45" E., on right bank about 50 meters upstream from the bridge on Kantharalak - Det Udom road, Ban Nam Om, Amphoe Kantharalak, Si Sa Ket.
Drainage Area:	586 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S. No. 1
Location:	at the foot of the ladder of automatic gage building.
Elevation:	+ 6.581 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1968, 1972 to date.
Rated by Float:	-
Rated by Current Meter:	1965-1968, 1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment but periodic curve are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 21 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	-0.01	0.03	0.10	0.03	0.07	0.66	0.88	0.43	0.17	0.03	-0.03	-0.08
2	0.00	.01	.13	.05	.13	.62	.90	.40	.17	.03	-0.04	-0.08
3	0.00	.02	.17	.04	.16	.57	.92	.37	.17	.03	-0.04	-0.08
4	0.00	.03	.10	.03	.17	.45	.83	.35	.15	.03	-0.05	-0.08
5	-0.01	.01	.28	.02	.38	.50	.78	.39	.14	.03	-0.05	-0.05
6	-0.01	0.01	0.22	0.01	0.30	0.42	1.04	0.54	0.13	0.03	-0.05	-0.03
7	0.00	0.00	.20	.01	.27	.43	.07	.57	.13	.02	-0.05	-0.03
8	.01	-0.01	.17	.01	.34	.55	.20	.48	.13	.02	-0.05	-0.04
9	.01	-0.01	.14	.00	.61	.58	.01	.41	.08	.01	-0.05	-0.06
10	.02	0.00	.19	.00	.52	.55	.06	.56	.08	.01	-0.05	-0.06
11	0.02	0.03	0.26	0.05	0.44	0.51	1.77	0.65	0.08	0.01	-0.05	-0.06
12	.01	.01	.22	.05	.50	.89	.63	.57	.08	.01	-0.04	-0.06
13	.01	.01	.17	.04	.46	.97	.40	.50	.15	.01	-0.02	-0.07
14	0.00	.03	.14	.04	.43	1.02	.15	.45	.10	.01	0.03	-0.08
15	0.00	.05	.13	.03	.43	0.86	0.97	.42	.09	.01	0.00	-0.09
16	0.00	0.07	0.11	0.02	0.65	0.83	0.86	0.40	0.08	0.01	-0.01	-0.09
17	0.00	.05	.09	.01	.62	.83	.78	.38	.07	.00	-0.02	-0.09
18	0.00	.09	.07	.03	.96	.79	.87	.37	.07	.00	-0.02	-0.09
19	0.00	.25	.05	.02	.81	.88	.97	.37	.07	.00	-0.03	-0.10
20	0.00	.18	.05	.01	.83	1.23	1.38	.34	.07	.00	-0.03	-0.11
21	0.00	0.14	0.05	0.04	0.77	1.29	1.30	0.32	0.05	-0.01	-0.04	-0.13
22	0.00	.12	.05	.02	.75	.05	.02	.30	.05	-0.01	-0.04	-0.14
23	0.01	.11	.04	.03	.64	0.95	0.85	.28	.04	-0.01	-0.05	-0.14
24	0.00	.09	.04	.02	.53	.97	.74	.26	.05	-0.02	-0.06	-0.14
25	-0.01	.07	.03	.07	.55	.90	.66	.24	.05	-0.02	-0.07	-0.14
26	-0.01	0.09	0.02	0.08	0.56	0.83	0.65	0.23	0.05	-0.02	-0.08	-0.14
27	-0.01	.12	.02	.08	.88	.92	.59	.21	.06	-0.02	-0.08	-0.14
28	0.00	.15	.01	.12	1.00	1.13	.56	.21	.05	-0.02	-0.08	-0.14
29	.03	.14	.01	.13	0.83	0.99	.52	.20	.05	-0.03	-	-0.14
30	.03	.12	.01	.11	.73	.85	.49	.19	.05	-0.03	-	-0.14
31		.11	-	.09	.67	-	.46	-	.05	-0.03	-	-0.14
Mean	0.003	0.068	0.11	0.04	0.55	0.80	0.94	0.38	0.089	0.02	-0.041	-0.095
Max.	0.03	0.25	0.28	0.13	1.00	1.29	1.77	0.65	0.17	0.03	0.03	-0.03
Min.	-0.01	-0.01	0.01	0.00	0.07	0.42	0.46	0.19	0.05	-0.03	-0.08	-0.14

WATER YEAR 1974 : Max. 1.77 m. Min. -0.14 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.11	0.20	0.39	0.20	0.31	5.12	7.92	2.77	0.84	0.34	0.20	0.11
2	0.12	0.15	0.53	0.25	0.53	4.64	8.20	2.50	0.84	0.34	0.18	0.11
3	0.12	0.17	0.73	0.23	0.68	4.10	8.48	2.24	0.84	0.34	0.18	0.11
4	0.12	0.20	0.39	0.20	0.73	2.95	7.22	2.07	0.75	0.34	0.16	0.11
5	0.11	0.15	1.49	0.17	2.33	3.40	6.56	2.41	0.71	0.34	0.16	0.16
6	0.11	0.15	1.03	0.15	1.65	2.68	10	3.80	0.67	0.34	0.16	0.20
7	0.12	0.12	0.87	0.15	1.45	2.77	11	4.10	0.67	0.31	0.16	0.20
8	0.15	0.11	0.73	0.15	1.99	3.90	13	3.22	0.67	0.31	0.16	0.18
9	0.15	0.11	0.58	0.12	4.52	4.20	9.76	2.59	0.48	0.28	0.16	0.15
10	0.17	0.12	0.82	0.12	3.60	3.90	10	4.00	0.48	0.28	0.16	0.15
11	0.17	0.20	1.34	0.25	2.86	3.50	24	5.00	0.48	0.28	0.16	0.15
12	0.15	0.15	1.03	0.25	3.40	8.06	21	4.10	0.48	0.28	0.18	0.15
13	0.15	0.15	0.73	0.23	3.04	9.18	16	3.40	0.75	0.28	0.22	0.13
14	0.12	0.20	0.58	0.23	2.77	9.92	12	2.95	0.54	0.28	0.34	0.11
15	0.12	0.25	0.53	0.20	2.77	7.50	9.18	2.68	0.51	0.28	0.25	0.097
16	0.12	0.31	0.44	0.17	5.00	7.22	7.64	2.50	0.48	0.28	0.23	0.097
17	0.12	0.25	0.36	0.15	4.64	7.22	6.56	2.33	0.45	0.25	0.22	0.097
18	0.12	0.36	0.31	0.20	9.04	6.68	7.78	2.24	0.45	0.25	0.22	0.097
19	0.12	1.26	0.25	0.17	6.94	7.92	9.18	2.24	0.45	0.25	0.20	0.080
20	0.12	0.77	0.25	0.15	7.22	13	16	1.99	0.45	0.25	0.20	0.072
21	0.12	0.58	0.25	0.23	6.44	14	14	1.82	0.39	0.23	0.18	0.056
22	0.12	0.49	0.25	0.17	6.20	10	9.92	1.65	0.39	0.23	0.18	0.048
23	0.15	0.44	0.23	0.20	4.88	9.04	7.50	1.51	0.37	0.23	0.16	0.048
24	0.12	0.36	0.23	0.17	3.70	9.18	6.08	1.38	0.39	0.22	0.15	0.048
25	0.11	0.31	0.20	0.31	3.90	8.20	5.12	1.24	0.39	0.22	0.13	0.048
26	0.11	0.36	0.17	0.34	4.00	7.22	5.00	1.17	0.39	0.22	0.11	0.048
27	0.11	0.49	0.17	0.34	7.92	8.48	4.30	1.04	0.42	0.22	0.11	0.048
28	0.12	0.63	0.15	0.49	9.60	12	4.00	1.04	0.39	0.22	0.11	0.048
29	0.20	0.58	0.15	0.53	7.22	9.46	3.60	0.97	0.39	0.20	–	0.048
30	0.20	0.49	0.15	0.44	5.96	7.50	3.31	0.93	0.39	0.20	–	0.048
31	–	0.44		0.36	5.24	–	3.04	–	0.39	0.20	–	0.048
Total	3.95	10.55	15.33	7.32	130.53	212.94	287.35	71.88	16.29	8.29	5.03	3.096
Mean	0.13	0.34	0.51	0.24	4.21	7.10	9.27	2.40	0.52	0.27	0.18	0.10
Max.	0.20	1.26	1.49	0.53	9.60	14	24	5.00	0.84	0.34	0.34	0.20
Min.	0.11	0.11	0.15	0.12	0.31	2.68	3.04	0.93	0.39	0.20	0.11	0.048
Runoff – mcm.	0.341	0.912	1.325	0.632	11.278	18.398	24.827	6.211	1.407	0.716	0.435	0.267

WATER YEAR 1974 : Max. 24 Min. 0.048 Mean 2.12 Annual Runoff 66.749 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11, 74	12.00	1.93	27				

MUN RIVER BASIN

Lam Se Bok at Ubon Trakan Phutphon Bridge, Ubon Ratchathani (M.69)

Location: Lat. 15°-30'-11" N., Long. 104°-58'-01" E., on left bank about 100 meters north side of Ubon Trakan Phutphon Bridge, Amphoe Trakan Phutphon, Ubon Ratchathani.

Drainage Area: 2,132 Aq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: beside the ladder of automatic gage building.
Elevation: + 9.985 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1969 to date.

Rating Operation:

Period of Rating: 1969 to date.
Rated by Float: -
Rated by Current Meter: 1969 to date.

Stability of Channel Regimes: Stable, shifting adjustment is included for flow computation.

Overbank Flow Conditions: Overbank flow starts of elevation + 8.35 m. (A.D.) and is included.

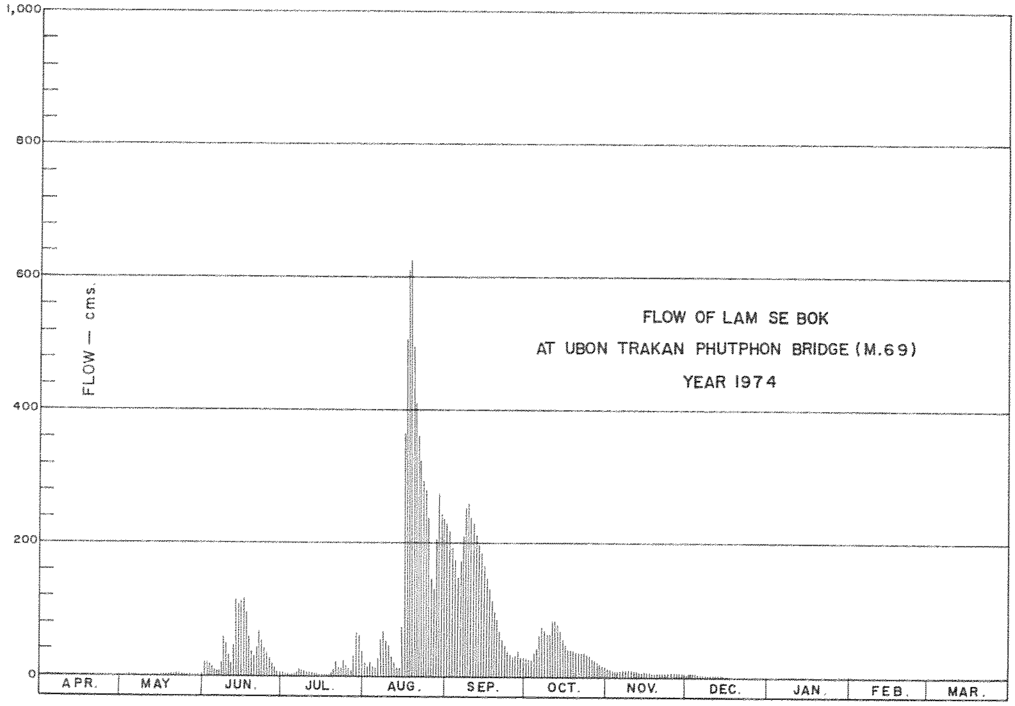
General Description: Records good except those for periods of back water effect from Mun river, which are poor. Stage-discharge relationship defined by 29 discharge measurements made in 1974.

Remarks: Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.71	0.94	2.10	1.34	2.15	6.24	2.94	1.80	1.31	0.83	0.69	0.68
2	.73	.95	.07	.25	1.86	.09	.92	.74	.30	.82	.70	.68
3	.66	.91	1.93	.20	2.17	5.74	.76	.67	.28	.80	.71	.68
4	.70	.91	.70	.20	1.95	.34	3.21	.63	.27	.80	.71	.68
5	.67	.89	.46	.21	.68	4.97	.39	.63	.24	.79	.72	.68
6	0.67	0.85	1.43	1.43	2.36	5.43	3.85	1.62	1.22	0.79	0.72	0.69
7	.67	.80	.88	.59	3.28	.91	.94	.64	.21	.79	.72	.68
8	.67	.79	3.32	.57	.58	6.53	.66	.67	.19	.79	.72	.68
9	.71	.77	.09	.44	.24	.59	.35	.67	.17	.79	.72	.69
10	.81	.76	2.49	.36	.05	.37	.24	.63	.15	.78	.71	.68
11	0.79	0.85	2.04	1.33	2.50	6.28	3.68	1.59	1.13	0.77	0.72	0.68
12	.87	.80	.99	.29	.13	.05	.67	.57	.10	.77	.73	.68
13	.81	.78	4.63	.26	1.87	5.82	.50	.53	.08	.75	.75	.67
14	.77	.82	.53	.23	.77	.64	.30	.50	.04	.75	.83	.66
15	.74	.86	.58	.18	3.73	.40	.13	.47	.02	.74	.93	.66
16	0.93	0.87	4.66	1.15	7.84	*5.20	2.97	1.46	0.99	0.74	0.94	0.66
17	.85	1.09	.12	.12	9.33	* .08	.90	.44	.97	.73	.93	.67
18	.79	.05	3.37	.08	.40	*4.92	.86	.43	.95	.74	.91	.66
19	.76	0.97	2.73	.07	.03	.70	.81	.43	.93	.87	.85	.65
20	.76	.97	.42	.58	8.55	.49	.77	.43	.91	.84	.83	.65
21	0.74	1.17	2.76	2.17	7.96	4.15	2.75	1.43	0.90	0.80	0.79	0.64
22	.72	.22	3.55	1.85	.28	3.79	.72	.43	.90	.76	.76	.65
23	.70	.26	.20	.79	6.52	.51	.68	.41	.90	.74	.73	.66
24	.70	.16	2.85	2.23	5.89	.29	.62	.40	.89	.72	.71	.68
25	.85	.10	.64	1.91	.42	.15	.52	.40	.88	.71	.70	.69
26	0.85	1.04	2.26	1.64	5.32	3.01	2.40	1.37	0.87	0.70	0.69	0.69
27	.82	.01	1.93	.58	6.39	.13	.28	.36	.87	.68	.68	.68
28	.78	.01	.68	2.60	7.23	.29	.17	.36	.87	.68	.68	.68
29	.83	0.99	.51	3.50	6.80	2.99	.06	.34	.86	.68	-	.68
30	.80	.99	.42	.44	.46	3.02	1.98	.32	.85	.68	-	.67
31	-	1.13	-	2.72	.35	-	.89	-	.84	.68	-	.68
Mean	0.76	0.95	2.71	1.65	4.94	4.87	2.93	1.51	1.03	0.76	0.76	0.67
Max.	0.93	1.26	4.66	3.44	9.40	6.59	3.94	1.80	1.31	0.87	0.94	0.69
Min.	0.66	0.76	1.42	1.07	1.68	2.99	1.89	1.32	0.84	0.68	0.68	0.64

WATER YEAR 1974 : Max. 9.40 m. Min. 0.64 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.70	20	5.10	21	* 231	+ 28	13	4.65	0.15	0.00	0.00
2		0.75	19	3.75	14	* 218	+ 27	12	4.50	0.10		
3		0.55	16	3.00	22	* 193	+ 23	10	4.20	0.00		
4		0.55	11	3.00	16	+ 168	+ 36	9.60	4.05			
5		0.45	6.90	3.15	11	+ 147	+ 41	9.60	3.60			
6		0.25	6.45	6.45	26	+ 173	+ 62	9.40	3.30			
7		0.00	15	8.85	56	* 205	+ 74	9.80	3.15			
8			57	8.55	67	* 252	+ 70	10	2.90			
9	0.00		49	6.60	54	* 257	+ 64	10	2.70			
10	0.050	0.00	30	5.40	48	* 238	+ 66	9.60	2.50			
11	0.00	0.25	18	4.95	30	* 232	+ 84	8.85	2.30			
12	0.35	0.00	46	4.35	21	* 215	+ 84	8.55	2.00			
13	0.050	0.00	113	3.90	14	* 198	+ 77	7.95	1.80		0.00	
14	0.00	0.10	108	3.45	12	* 187	+ 66	7.50	1.40		0.15	
15	0.00	0.30	111	2.80	73	+ 167	+ 57	7.05	1.20		0.65	
16	0.65	0.35	115	2.50	*363	+ 148	+ 48	6.90	0.95		0.70	
17	0.25	1.90	90	2.20	*609	+ 133	+ 42	6.60	0.85		0.65	
18	0.00	1.50	59	1.80	*623	+ 117	41	6.45	0.75	0.00	0.55	
19		0.85	37	1.70	*495	+ 99	39	6.45	0.65	0.35	0.25	
20		0.85	28	8.70	*413	+ 83	38	6.45	0.55	0.20	0.15	
21		2.70	38	22	*362	+ 69	37	6.45	0.50	0.00	0.00	
22		3.30	66	14	*325	+ 55	37	6.45	0.50			
23		3.90	53	13	*294	+ 46	35	6.15	0.50			
24	0.00	2.60	41	23	*250	+ 38	34	6.00	0.45			
25	0.25	2.00	34	15	+221	+ 34	31	6.00	0.40			
26	0.35	1.40	24	9.80	+149	+ 30	27	5.55	0.35			
27	0.10	1.10	16	8.70	*131	+ 33	24	5.40	0.35			
28	0.00	1.10	11	33	*203	+ 38	22	5.40	0.35		0.00	
29	0.15	0.95	7.65	64	*275	+ 29	18	5.10	0.30		–	
30	0.00	0.95	6.30	62	*246	+ 30	17	4.80	0.25		–	
31	–	2.30	–	37	*237	–	15	–	0.20	0.00		0.00
Total	2.20	31.65	1,252.30	391.70	5,681	4,063	1,364	233.05	52.15	0.80	3.10	0.00
Mean	0.073	1.02	41.7	12.6	183	135	44.0	7.77	1.68	0.025	0.11	0.00
Max.	0.65	3.90	115	64	623	257	84	13	4.65	0.35	0.70	0.00
Min.	0.00	0.00	6.30	1.70	11	29	15	4.80	0.20	0.00	0.00	0.00
Runoff – mcm.	0.190	2.734	108,199	33.843	490.838	351.043	117.850	20.135	4.506	0.069	0.268	0.00

WATER YEAR 1974 : Max. 623 Min. 0.00 Mean 35.8 Annual Runoff 1,129.676 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 18, 74	01.00	9.46	635				

MUN RIVER BASIN

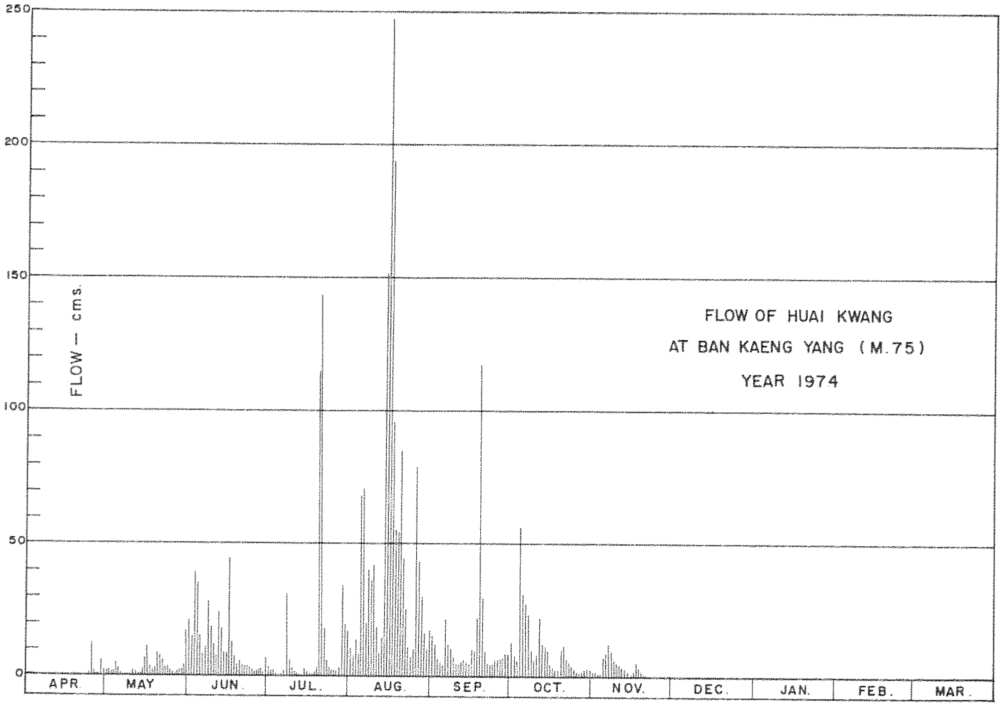
Huai Kwang at Ban Kaeng Yang, Ubon Ratchathani (M.75)

Location:	Lat. 15°-09'-53" N., Long. 105°-17'-01" E., on left bank at the bridge on Phibun Mang Sahan - Chong Mek highway near Wat Pa Thepburam, Amphoe Phibun Mangsahan, Ubon Ratchathani.
Drainage Area:	388 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	about 9 meters from left bank infront of Wat Pa Thepburom.
Elevation:	+ 6.775 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965 to date.
Rated by Float:	-
Rated by Current Meter:	1965 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relationship defined by 13 discharge measurements made in 1973.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.67	0.85	1.77	0.97	1.39	1.62	1.50	0.90	0.73	0.70	0.69	0.72
2	.75	.89	.58	.89	.17	.50	.33	.85	.74	.71	.69	.69
3	.73	.79	2.39	.88	.52	.29	.11	.85	.74	.69	.70	.68
4	.71	1.06	.25	.81	.24	.10	2.46	.86	.71	.69	.71	.68
5	.69	0.93	1.56	.78	3.17	.04	.86	1.23	.73	.69	.70	.69
6	0.68	0.80	1.22	0.79	3.25	1.77	2.06	1.30	0.75	0.69	0.70	0.68
7	.65	.76	.40	.88	1.70	.43	.00	.47	.75	.70	.71	.67
8	.64	.77	2.03	2.12	2.42	.41	1.62	.34	.75	.70	.68	.67
9	.73	.76	1.73	1.16	.30	.26	.30	.17	.75	.72	.68	.67
10	.72	.77	.43	0.96	.47	.10	.13	.07	.76	.73	.68	.67
11	0.69	0.87	1.15	0.88	1.63	1.06	1.35	1.06	0.74	0.69	0.69	0.67
12	.69	.81	.87	.82	.26	.11	.82	.00	.72	.68	.73	.66
13	.68	.77	.71	.78	.52	.18	.43	0.94	.72	.68	.72	.66
14	.67	.79	.33	.80	4.03	.10	.19	.87	.72	.68	.70	.66
15	.68	1.13	.26	.93	5.62	.03	.08	.84	.72	.67	.69	.66
16	0.74	1.39	2.53	0.84	7.12	1.35	1.04	0.80	0.71	0.71	0.68	0.66
17	.74	.00	1.49	.80	4.30	.31	0.98	1.06	.73	.69	.68	.65
18	.71	0.87	.16	.78	2.84	1.68	.92	.02	.76	.69	.68	.65
19	.72	.91	.00	.88	.81	4.43	.92	0.88	.71	.72	.68	.65
20	.69	1.28	.11	4.97	3.59	1.97	1.30	.81	.69	.73	.68	.66
21	0.73	1.23	0.99	3.43	2.60	1.32	1.46	0.80	0.69	0.69	0.68	0.64
22	.72	.10	.95	1.58	1.92	.11	.22	.77	.72	.67	.67	.65
23	.72	0.91	1.00	.15	.33	.03	.10	.76	.69	.67	.67	.65
24	.76	.94	0.96	0.99	.22	.05	.02	.75	.68	.67	.67	.65
25	1.43	.90	.89	.92	.42	.15	0.97	.74	.70	.67	.68	.64
26	0.84	0.84	0.85	0.88	3.45	1.15	0.91	0.73	0.70	0.65	0.68	0.68
27	.79	.79	.85	.88	2.41	.15	.85	.72	.69	.66	.71	.72
28	.79	.87	.93	.95	.16	.24	.83	.72	.71	.69	.74	.69
29	1.13	.87	.79	2.22	1.63	.28	.90	.75	.72	.70	-	.66
30	0.86	.96	1.18	1.75	.36	.25	.94	.75	.72	.70	-	.66
31	-	1.65	-	.68	.63	-	.93	-	.71	.70	-	.67
Mean	0.76	0.94	1.51	1.26	2.46	1.38	1.31	0.93	0.72	0.69	0.69	0.67
Max.	1.43	1.65	2.53	4.97	7.12	4.43	2.86	1.47	0.76	0.73	0.74	0.72
Min.	0.64	0.76	0.79	0.78	1.17	1.03	0.83	0.72	0.68	0.65	0.67	0.64

WATER YEAR 1974 : Max. 7.12 m. Min. 0.64 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	1.75	21	3.55	11	16	13	2.50	0.30	–		0.20
2	0.50	2.35	15	2.05	6.55	13	9.60	1.75	0.40	0.10		
3	0.30	0.90	39	2.20	14	8.80	5.65	1.75	0.40			
4	0.10	4.90	35	1.15	7.80	5.50	42	1.90	0.10		0.10	
5	0.00	2.95	15	0.80	68	4.60	56	7.60	0.30	No Flow		
6	0.00	1.00	7.40	0.90	71	21	29	9.00	0.50			
7	0.00	0.60	11	2.20	18	12	27	13	0.50		0.10	
8	0.00	0.70	28	31	40	11	16	9.80	0.50			
9	0.30	0.60	19	6.40	36	8.20	9.00	6.55	0.50	0.20		
10	0.20	0.70	12	3.70	42	5.50	5.95	5.05	0.60	0.30		
11	0.00	2.05	6.25	2.20	17	4.90	10	4.90	0.40			
12	0.00	1.15	24	1.30	8.20	5.65	22	4.00	0.20		0.30	
13	0.00	0.70	19	0.80	14	6.70	12	3.10	0.20	No Flow	0.20	
14	0.00	0.90	9.60	1.00	102	5.50	6.85	2.05	0.20			
15	0.00	5.95	8.20	2.95	172	4.45	5.20	1.60	0.20			No Flow
16	0.40	11	44	1.60	247	10	4.60	1.00	0.10	0.10		
17	0.40	4.00	13	1.00	113	9.20	3.70	4.90	0.30			
18	0.10	2.05	6.40	0.80	55	18	2.80	4.30	0.60			
19	0.20	2.65	4.00	2.20	54	118	2.80	2.20	0.10	0.20		
20	0.00	8.60	5.65	143	85	27	9.00	1.15	0.00	0.30		
21	0.30	7.60	3.85	78	46	9.40	12	1.00	0.00			
22	0.20	5.50	3.25	15	25	5.65	7.40	0.70	0.20		No Flow	
23	0.20	2.65	4.00	6.25	9.60	4.45	5.50	0.60	0.00			
24	0.60	3.10	3.40	3.85	7.40	4.75	4.30	0.50	0.00			
25	12	2.50	2.35	2.80	11	6.25	3.55	0.40	0.00			
26	1.60	1.60	1.75	2.20	79	6.25	2.65	0.30	0.00	No Flow		
27	0.90	0.90	1.75	2.20	39	6.25	1.75	0.20	0.00		0.10	0.20
28	0.90	2.05	2.95	3.25	32	7.80	1.45	0.20	0.10		0.40	
29	5.95	2.05	0.90	34	17	8.60	2.50	0.50	0.20			
30	1.90	3.40	6.70	20	10	8.00	3.10	0.50	0.20			
31	–	17	–	18	17	–	2.95	–	0.10			
Total	27.05	103.85	373.40	396.35	1,474.55	382.40	339.30	93.00	7.20	1.20	1.20	0.40
Mean	0.90	3.35	12.4	12.8	47.6	12.3	10.9	3.10	0.23	0.04	0.04	0.01
Max.	12	17	44	143	247	118	56	13	0.60	0.30	0.40	0.20
Min.	0.00	0.60	0.90	0.80	6.55	4.45	1.45	0.20	0.00	0.00	0.00	0.00
Runoff - mcm.	2.377	8.973	32.262	34.245	127.401	33.039	29.315	8.044	0.622	0.104	0.104	0.034

WATER YEAR 1974 : Max. 247 Min. 0.00 Mean 8.77 Annual Runoff 276.471 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 16, 74	06.00	7.40	261				

MUN RIVER BASIN

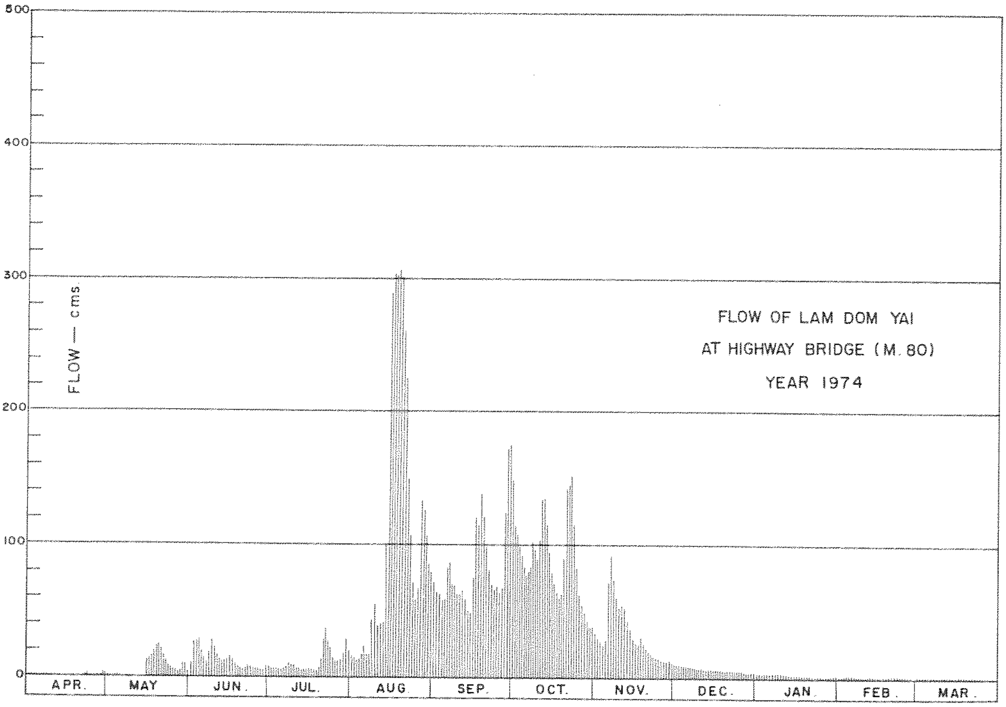
Lam Dom Yai at Highway Bridge, Ubon Ratchathani (M.80)

Location:	Lat. 14°–53'–53" N., Long. 105°–05'–08" E., on left bank about 20 meters downstream side of the bridge on Ban Tharik road, Amphoe Det Udom, Ubon Ratchathani.
Drainage Area:	3,363 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. – H.S.
Location:	near the ladder of automatic gage building.
Elevation:	+ 11.826 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965 to date.
Rated by Float:	–
Rated by Current Meter:	1965 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relationship defined by 21 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.50	0.67	1.22	1.13	1.48	3.23	4.64	2.19	1.31	0.97	0.79	0.70
2	.51	.64	.93	.13	.48	.01	.15	.05	.29	.96	.78	.71
3	.48	.62	.93	.12	.39	2.98	3.91	1.95	.27	.93	.77	.70
4	.49	.65	.97	.04	.52	.84	.76	.90	.25	.93	.77	.69
5	.49	.62	.62	0.99	.82	.83	.55	2.01	.24	.95	.76	.73
6	0.49	0.60	1.38	1.00	1.73	3.41	3.34	3.18	1.24	0.93	0.76	0.71
7	.49	.57	.31	.16	.60	.55	.44	.70	.22	.92	.76	.71
8	.50	.55	.64	.28	.65	.16	.86	.29	.21	.92	.74	.70
9	.51	.56	.98	.22	2.49	.14	.77	2.96	.19	.91	.72	.69
10	.51	.56	.80	.20	.79	2.97	.61	.75	.18	.90	.72	.68
11	0.53	0.55	1.58	1.11	2.33	2.98	4.06	2.78	1.17	0.90	0.74	0.68
12	.53	.55	.44	.04	.40	3.07	.55	.75	.15	.89	.74	.67
13	.53	.53	.32	.01	.41	2.83	.57	.50	.13	.89	.76	.66
14	.54	.55	.30	0.99	3.35	.63	.01	.28	.13	.89	.77	.66
15	.54	.69	.44	.96	5.49	.58	3.54	.09	.12	.87	.75	.66
16	0.58	1.40	1.50	0.93	7.13	3.31	3.27	1.95	1.11	0.86	0.76	0.65
17	.72	.50	.40	.99	.40	4.26	.07	.93	.10	.86	.74	.65
18	.66	.60	.26	.96	.37	.14	2.92	2.08	.10	.85	.74	.65
19	.60	.78	.14	.93	.43	.63	.95	1.99	.07	.85	.74	.65
20	.57	.84	.08	1.22	.35	.30	3.64	.82	.06	.85	.75	.63
21	0.54	1.77	1.02	1.79	6.73	3.76	4.49	1.71	1.05	0.84	0.74	0.63
22	.56	.48	.09	2.25	5.49	.35	.76	.63	.05	.83	.73	.63
23	.76	.26	.20	1.98	4.20	.08	.91	.57	.03	.82	.74	.64
24	.71	.11	.12	.66	3.28	.07	.26	.52	.03	.82	.73	.63
25	.68	.03	.08	.42	2.86	.14	3.42	.48	.01	.82	.72	.62
26	0.65	0.98	1.05	1.35	3.01	2.99	2.99	1.45	1.00	0.82	0.73	0.62
27	.64	.91	.01	.38	.99	3.18	.81	.41	.00	.80	.72	.63
28	.63	.87	0.96	.41	4.53	4.41	.63	.38	.01	.79	.71	.61
29	.84	1.28	.95	.64	.22	5.31	.46	.35	.00	.79	–	.62
30	.73	.27	1.21	2.00	3.61	.34	.33	.33	0.99	.79	–	.69
31	–	.07	–	1.62	.38	–	.31	–	.98	.79	–	.65
Mean	0.58	0.97	1.36	1.29	3.74	3.45	3.61	2.10	1.12	0.87	0.74	0.66
Max.	0.84	1.84	1.98	2.25	7.43	5.34	4.91	3.70	1.31	0.97	0.79	0.73
Min.	0.48	0.53	0.95	0.93	1.39	2.58	2.31	1.33	0.98	0.79	0.71	0.61

WATER YEAR 1974 : Max. 7.43 m. Min. 0.48 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.20	1.29	9.40	7.60	15	73	139	34	11	5.05	2.40	1.50
2	0.26	1.08	26	7.60	15	64	114	30	11	4.90	2.30	1.60
3	0.16	0.94	26	7.40	13	63	103	27	10	4.45	2.20	1.50
4	0.18	1.15	28	6.10	15	57	96	25	10	4.45	2.20	1.43
5	0.18	0.94	18	5.35	23	57	87	29	9.80	4.75	2.10	1.80
6	0.18	0.80	13	5.50	21	80	77	71	9.80	4.45	2.10	1.60
7	0.18	0.62	11	8.20	17	87	82	93	9.40	4.30	2.10	1.60
8	0.20	0.50	18	11	19	70	101	75	9.20	4.30	1.90	1.50
9	0.26	0.56	28	9.40	44	69	97	62	8.80	4.15	1.70	1.43
10	0.26	0.56	22	9.00	55	62	89	53	8.60	4.00	1.70	1.36
11	0.38	0.50	17	7.20	38	63	110	55	8.40	4.00	1.90	1.36
12	0.38	0.50	14	6.10	41	66	134	53	8.00	3.85	1.90	1.29
13	0.38	0.38	11	5.65	41	57	135	44	7.60	3.85	2.10	1.22
14	0.44	0.50	11	5.35	78	49	107	37	7.60	3.85	2.20	1.22
15	0.44	1.43	14	4.90	183	47	86	31	7.40	3.55	2.00	1.22
16	0.68	13	15	4.45	286	76	74	27	7.20	3.40	2.10	1.15
17	1.70	15	13	5.35	304	120	66	26	7.00	3.40	1.90	1.15
18	1.22	17	10	4.90	302	114	60	31	7.00	3.25	1.90	1.15
19	0.80	22	7.80	4.45	307	138	61	28	6.55	3.25	1.90	1.15
20	0.62	24	6.70	9.40	301	122	91	23	6.40	3.25	2.00	1.01
21	0.44	22	5.80	22	259	96	131	20	6.25	3.10	1.90	1.01
22	0.56	15	6.85	36	183	78	145	18	6.25	2.95	1.80	1.01
23	2.10	10	9.00	28	117	67	152	17	5.95	2.80	1.90	1.08
24	1.60	7.20	7.40	19	75	66	120	15	5.95	2.80	1.80	1.01
25	1.36	5.95	6.70	13	58	69	81	15	5.65	2.80	1.70	0.94
26	1.15	5.20	6.25	12	64	63	63	14	5.50	2.80	1.80	0.94
27	1.08	4.15	5.65	13	106	71	56	13	5.50	2.50	1.70	1.01
28	1.01	3.55	4.90	13	133	127	49	13	5.65	2.40	1.60	0.87
29	3.10	11	4.75	18	118	173	43	12	5.50	2.40	–	0.94
30	1.80	10	9.20	28	89	175	38	12	5.35	2.40	–	1.43
31	–	6.55	–	18	79	–	38	–	5.20	2.40	–	1.15
Total	23.30	203.35	385.40	354.90	3,399	2,519	2,825	1,003	233.50	109.80	54.80	38.63
Mean	0.78	6.56	12.8	11.4	110	84.0	91.1	33.4	7.53	3.54	1.96	1.25
Max.	3.10	24	28	36	307	175	152	93	11	5.05	2.40	1.80
Min.	0.16	0.38	4.75	4.45	13	47	38	12	5.20	2.40	1.60	0.87
Runoff - mcm.	2.013	17.569	33.298	30.663	293.674	217.642	244.080	86.659	20.174	9.487	4.735	3.338

WATER YEAR 1974 : Max. 307 Min. 0.16 Mean 30.5 Annual Runoff 963.332 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 17	06.00	7.45	308				

MUN RIVER BASIN

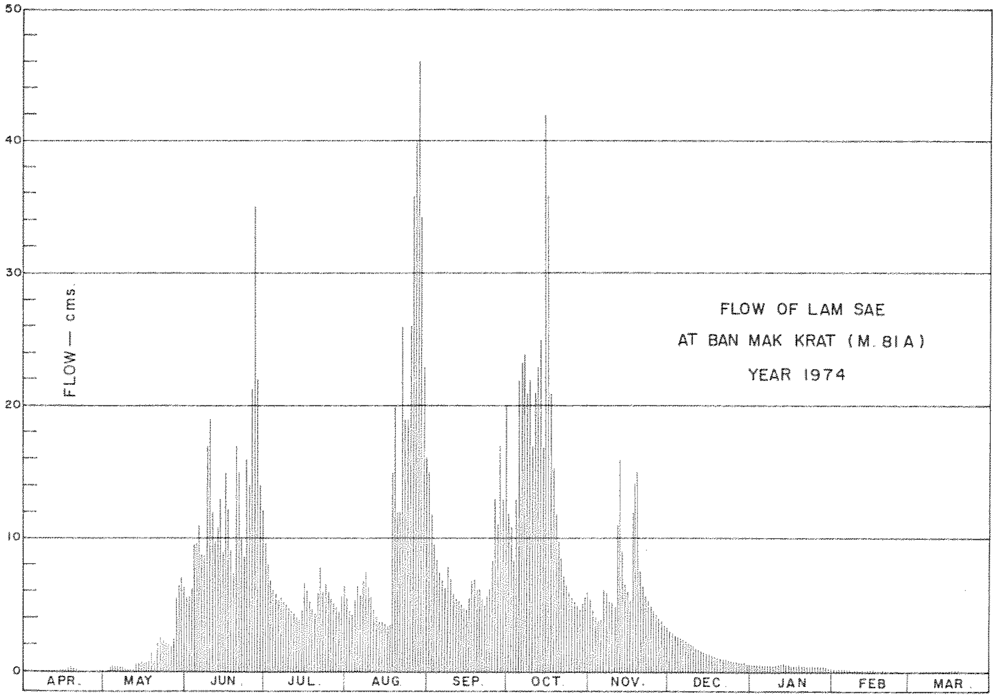
Lam Sae at Ban Mak Krat, Nakhon Ratchasima (M.81A)

Location:	Lat. 14°-22'-22" N., Long. 102°-15'-40" E., on right bank about 4 kilometers upstream from M81, Tambon Khok Kra Chai, Amphoe Khon Buri, Nakhon Ratchasima.
Drainage Area:	433 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 209.767 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	beside the ladder of automatic gage building.
Elevation:	+ 216.857 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1970 to date.
Rating Operation:	
Period of Rating:	1970 to date.
Rated by Float:	-
Rated by Current Meter:	1970 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 212 discharge measurements made in 1974.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	210.39	210.46	211.85	212.36	211.85	212.65	212.52	211.80	211.38	210.68	210.49	210.36
2	.38	.46	.90	.22	.71	.48	.43	.66	.35	.67	.49	.36
3	.37	.54	212.01	.09	.60	.34	.23	.57	.31	.67	.49	.36
4	.36	.56	.33	211.99	.85	.24	.54	.50	.29	.66	.49	.35
5	.36	.51	.34	.90	212.02	.14	.96	.53	.26	.65	.48	.36
6	210.36	210.53	212.44	211.84	211.92	212.06	213.02	211.99	211.24	210.65	210.48	210.35
7	.36	.54	.23	.88	212.08	211.98	.06	.96	.20	.65	.47	.35
8	.35	.53	.27	.83	.16	212.20	212.94	.84	.17	.64	.45	.34
9	.35	.49	.75	.77	.05	.09	.95	.82	.15	.64	.45	.33
10	.34	.47	.86	.73	211.86	211.94	.77	.75	.12	.64	.44	.33
11	210.32	210.46	212.48	211.68	211.72	211.87	212.93	212.43	211.09	210.64	210.44	210.37
12	.31	.49	.29	.63	.60	.84	213.02	.72	.05	.66	.44	.39
13	.31	.64	.47	.58	.54	.79	.09	.24	.02	.70	.44	.37
14	.35	.67	.54	.54	.52	.72	212.74	.04	210.99	.68	.44	.35
15	.49	.71	.28	.69	.51	.69	213.65	211.92	.97	.66	.44	.34
16	210.47	210.71	212.63	212.07	211.45	211.83	213.47	211.84	210.95	210.64	210.44	210.43
17	.53	.71	.44	211.94	.45	212.08	212.91	212.51	.94	.63	.42	.45
18	.55	.80	.24	.80	212.67	.09	.65	.63	.92	.63	.40	.48
19	.51	.98	.09	.70	.89	211.99	.51	.22	.91	.63	.40	.45
20	.47	211.05	.75	.61	.51	.99	.40	.05	.89	.62	.41	.42
21	210.43	211.14	212.65	211.94	212.48	211.87	212.25	211.94	210.87	210.61	210.41	210.39
22	.42	.26	.35	212.20	213.13	.78	.12	.86	.85	.60	.40	.37
23	.40	.23	.25	211.98	212.86	.91	.03	.79	.83	.59	.40	.36
24	.38	.19	.70	212.05	.86	212.01	211.95	.73	.80	.57	.38	.36
25	.39	.16	.61	211.98	213.13	.23	.89	.67	.79	.56	.37	.34
26	210.39	211.09	212.79	211.88	213.39	212.55	211.82	211.62	210.77	210.55	210.36	210.32
27	.42	.24	213.45	.82	.60	.47	.75	.56	.76	.54	.36	.32
28	.47	.86	212.99	.76	.75	.74	.69	.51	.74	.53	.36	.32
29	.47	212.02	.60	.69	.29	.56	.81	.46	.72	.52	-	.32
30	.46	.12	.48	.86	.00	.90	.91	.43	.71	.51	-	.32
31	-	.03	-	212.03	212.72	-	.97	-	.69	.50	-	.31
Mean	210.40	210.92	212.47	211.87	212.33	212.13	212.51	211.89	210.99	210.62	210.43	210.36
Max.	210.55	212.12	213.45	212.36	213.75	212.90	213.65	212.72	211.38	210.70	210.49	210.48
Min.	210.31	210.46	211.85	211.54	211.45	211.69	211.69	211.43	210.69	210.50	210.36	210.31

WATER YEAR 1974 : Max. 213.75 m. Min. 210.31 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.12	5.45	9.92	5.45	15	12	5.20	3.10	0.56	0.18	0.00
2		0.12	5.70	8.24	4.75	12	11	4.50	2.95	0.54	0.18	
3		0.28	6.37	6.93	4.20	9.68	8.36	4.05	2.75	0.54	0.18	
4		0.32	9.56	6.24	5.45	8.48	13	3.70	2.66	0.52	0.18	
5		0.22	9.68	5.70	6.44	7.40	22	3.85	2.54	0.50	0.16	
6		0.26	11	5.40	5.82	6.72	23	6.24	2.46	0.50	0.16	
7		0.28	8.36	5.60	6.86	6.18	24	6.06	2.30	0.50	0.14	
8		0.26	8.84	5.35	7.60	8.00	21	5.40	2.18	0.48	0.10	
9		0.18	17	5.05	6.65	6.93	22	5.30	2.10	0.48	0.10	
10		0.14	19	4.85	5.50	5.94	17	4.95	1.98	0.48	0.08	
11		0.12	12	4.60	4.80	5.55	21	11	1.86	0.48	0.08	
12		0.18	9.08	4.35	4.20	5.40	23	16	1.70	0.52	0.08	
13		0.48	11	4.10	3.90	5.15	25	8.48	1.58	0.60	0.08	
14	0.00	0.54	13	3.90	3.80	4.80	17	6.58	1.46	0.56	0.08	
15	0.18	0.62	8.96	4.65	3.75	4.65	42	5.82	1.38	0.52	0.08	0.00
16	0.14	0.62	15	6.79	3.45	5.35	36	5.40	1.30	0.48	0.08	0.06
17	0.26	0.62	11	5.94	3.45	6.86	21	12	1.26	0.46	0.04	0.10
18	0.30	0.80	8.48	5.20	15	6.93	15	15	1.18	0.44	0.00	0.16
19	0.22	1.42	6.93	4.70	20	6.24	12	8.24	1.14	0.46	0.00	0.10
20	0.14	0.70	17	4.25	12	6.24	10	6.65	1.07	0.44	0.02	0.04
21	0.06	2.06	15	5.94	12	5.55	8.60	5.94	1.01	0.42	0.02	0.00
22	0.04	2.54	9.80	8.00	26	5.10	7.20	5.50	0.95	0.40	0.00	
23	0.00	2.42	8.60	6.18	19	5.76	6.51	5.15	0.89	0.38		
24		2.26	16	6.65	19	6.37	6.00	4.85	0.80	0.34		
25		2.14	14	6.18	26	8.36	5.65	4.55	0.78	0.32		
26	0.00	1.86	18	5.60	33	13	5.30	4.30	0.74	0.30		
27	0.04	2.46	35	5.30	40	11	4.95	4.00	0.72	0.28		
28	0.14	5.50	22	5.00	46	17	4.65	3.75	0.68	0.26	0.00	
29	0.14	6.44	14	4.65	31	13	5.25	3.50	0.64	0.24	–	
30	0.12	7.20	12	5.50	23	20	5.76	3.35	0.62	0.22	–	
31	–	6.51	–	6.51	16	–	6.12	–	0.58	0.20	–	0.00
Total	1.78	49.67	377.81	177.27	424.07	248.64	461.35	189.31	47.36	13.42	2.02	0.46
Mean	0.06	1.60	12.6	5.72	13.7	8.29	14.9	6.31	1.53	0.43	0.07	0.01
Max.	0.30	7.20	35	9.92	46	20	42	16	3.10	0.60	0.18	0.16
Min.	0.00	0.12	5.45	3.90	3.45	4.65	4.65	3.35	0.58	0.20	0.00	0.00
Runoff - mcm.	0.154	4.291	32.643	15.316	36.640	21.482	39.861	16.356	4.092	1.159	0.174	0.040

WATER YEAR 1974 : Max. 46 Min. 0.00 Mean 5.46 Annual Runoff 172.209 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.15	14.00	214.11	61				

MUN RIVER BASIN

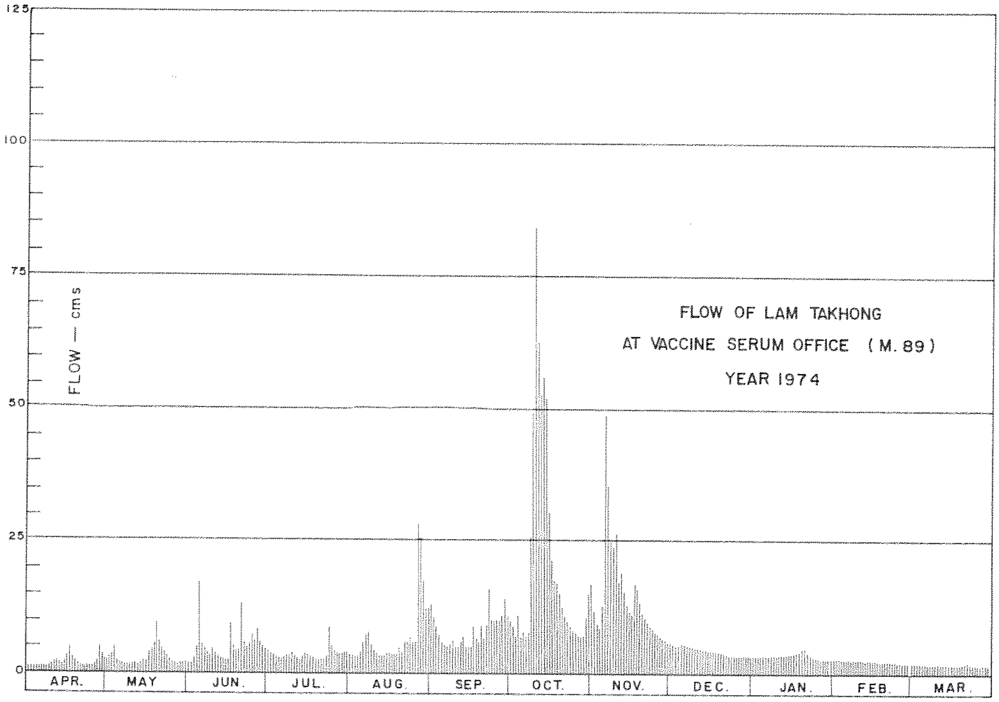
Lam Takhong at Vaccine Serum Office, Nakhon Ratchasima (M.89)

Location:	Lat. 14°-41'-46" N., Long. 101°-25'-07" E., on left bank at the bridge infront of Vaccine Serum office, Amphoe Pak Chong, Nakhon Ratchasima.
Drainage Area:	699 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank at abutment of the bridge.
Elevation:	+ 8.909 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1970 to date.
Rating Operation:	
Period of Rating:	1971 to date.
Rated by Float:	-
Rated by Current Meter:	1971 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 33 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.22	1.35	1.31	1.57	1.46	2.16	1.96	2.42	1.70	1.44	1.36	1.31
2	.21	.40	.31	.52	.43	.05	.91	.08	.65	.43	.36	.31
3	.21	.40	.31	.47	.41	1.89	.76	1.95	.61	.42	.37	.31
4	.21	.60	.56	.44	.41	.79	2.04	.87	.63	.42	.38	.29
5	.21	.35	2.40	.40	.47	.71	1.78	2.20	.67	.43	.37	.32
6	1.23	1.29	1.68	1.37	1.71	1.65	1.85	3.83	1.68	1.43	1.37	1.29
7	.20	.27	.60	.40	.77	.63	.79	.22	.65	.43	.36	.29
8	.20	.26	.51	.46	.83	.62	.84	2.72	.63	.43	.36	.28
9	.23	.25	.44	.43	.69	.74	3.30	.72	.61	.43	.34	.29
10	.25	.24	.58	.49	.57	.64	5.03	.87	.59	.43	.33	.30
11	1.27	1.30	1.52	1.44	1.51	1.59	4.23	2.42	1.58	1.43	1.34	1.28
12	.34	.27	.47	.40	.46	.60	3.91	.48	.57	.44	.35	.30
13	.32	.26	.41	.37	.44	.78	4.09	.36	.56	.46	.33	.29
14	.26	.29	.38	.39	.42	.65	3.95	.22	.54	.48	.32	.28
15	.32	.35	.36	.59	.49	.59	.18	.13	.54	.44	.32	.28
16	1.51	1.32	1.36	1.47	1.51	1.60	2.85	2.06	1.54	1.42	1.35	1.28
17	.59	.49	.93	.46	.48	.91	.54	.21	.54	.44	.33	.28
18	.49	.53	.68	.42	.45	.79	.38	.42	.53	.43	.32	.28
19	.34	.59	.56	.38	.46	.69	.40	.22	.51	.45	.32	.27
20	.28	.94	.51	.36	.61	.90	.24	.09	.50	.58	.31	.27
21	1.24	1.68	2.20	1.36	1.52	1.75	2.13	2.02	1.49	1.58	1.31	1.29
22	.24	.56	1.74	.36	.72	.92	.02	1.96	.48	.50	.31	.33
23	.22	.49	.63	.42	.68	2.33	1.96	.91	.48	.45	.30	.28
24	.24	.43	.64	.87	.76	1.98	.91	.87	.48	.43	.30	.28
25	.23	.37	.78	.68	.69	.99	.86	.84	.48	.41	.30	.27
26	1.23	1.34	1.70	1.57	1.72	2.00	1.84	1.80	1.47	1.40	1.30	1.27
27	.29	.32	.87	.51	2.95	1.97	.78	.78	.46	.38	.30	.26
28	.59	.29	.69	.47	.85	2.07	.77	.77	.46	.38	.33	.24
29	.52	.29	.63	.46	.41	.22	.77	.74	.45	.38	-	.24
30	.40	.33	.58	.49	.09	.05	.98	.71	.44	.37	-	.25
31	-	.32	-	.53	.08	-	2.26	-	.44	.37	-	.25
Mean	1.30	1.39	1.61	1.47	1.71	1.84	2.46	2.33	1.55	1.43	1.33	1.28
Max.	1.50	1.94	2.40	1.87	2.95	2.23	5.03	3.83	1.70	1.58	1.38	1.33
Min.	1.20	1.24	1.31	1.36	1.41	1.59	1.76	1.71	1.44	1.37	1.38	1.24

WATER YEAR 1974 : Max. 5.03 m. Min. 1.20 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.20	2.50	2.10	4.70	3.60	13	9.90	17	6.00	3.40	2.60	2.10
2	1.10	3.00	2.10	4.20	3.30	11	9.15	12	5.50	3.30	2.60	2.10
3	1.10	3.40	2.10	3.70	3.10	8.85	6.90	9.75	5.10	3.20	2.70	2.10
4	1.10	5.00	4.60	3.40	3.10	7.35	11	8.55	5.30	3.20	2.80	1.90
5	1.10	2.50	17	3.00	3.70	6.15	7.20	13	5.70	3.30	2.70	2.20
6	1.30	1.90	5.80	2.70	6.15	5.50	8.25	49	5.80	3.30	2.70	1.90
7	1.00	1.70	5.00	3.00	7.05	5.30	7.35	33	5.50	3.30	2.60	1.90
8	1.00	1.60	4.10	3.60	7.95	5.20	8.10	24	5.30	3.30	2.60	1.80
9	1.30	1.50	3.40	3.30	5.90	6.60	35	24	5.10	3.30	2.40	1.90
10	1.50	1.40	4.80	3.90	4.70	5.40	84	26	4.90	3.30	2.30	2.00
11	1.70	2.00	4.20	3.40	4.10	4.90	60	17	4.80	3.30	2.40	1.80
12	2.40	1.70	3.70	3.00	3.60	5.00	51	19	4.70	3.40	2.50	2.00
13	2.20	1.60	3.10	2.70	3.40	7.20	56	16	4.60	3.60	2.30	1.90
14	1.60	1.90	2.80	2.90	3.20	5.50	52	14	4.40	3.80	2.20	1.80
15	2.20	2.50	2.60	4.20	3.90	4.90	33	12	4.40	3.40	2.20	1.80
16	4.10	2.20	2.60	3.70	4.10	5.00	26	11	4.40	3.20	2.50	1.80
17	4.90	3.90	9.45	3.60	3.80	9.15	20	14	4.40	3.40	2.30	1.80
18	3.00	4.30	5.80	3.20	3.50	7.35	17	17	4.30	3.30	2.20	1.80
19	2.40	4.90	4.60	2.80	3.60	5.90	17	14	4.10	3.50	2.20	1.70
20	1.80	9.60	4.10	2.60	5.10	9.00	14	12	4.00	4.80	2.10	1.70
21	1.40	5.80	13	2.60	4.20	6.75	12	11	3.90	4.80	2.10	1.90
22	1.40	4.60	6.60	2.60	6.30	9.30	11	9.90	3.80	4.00	2.10	2.30
23	1.20	3.90	5.30	3.20	5.80	16	9.90	9.15	3.80	3.50	2.00	1.80
24	1.40	3.30	5.40	8.55	6.90	10	9.15	8.55	3.80	3.30	2.00	1.80
25	1.30	2.70	5.20	5.80	5.90	10	8.40	8.10	3.80	3.10	2.00	1.70
26	1.30	2.40	6.00	4.70	6.30	10	8.10	7.50	3.70	3.00	2.00	1.70
27	1.90	2.20	8.55	4.10	28	10	7.20	7.20	3.60	2.80	2.00	1.60
28	4.90	1.90	5.90	3.70	26	11	7.05	7.05	3.60	2.80	2.30	1.40
29	4.20	1.90	5.30	3.60	17	14	7.05	6.60	3.50	2.80	–	1.40
30	3.00	2.30	4.80	3.90	12	11	10	6.15	3.40	2.70	–	1.50
31	–	2.20	–	4.30	12	–	14	–	3.40	2.70	–	1.50
Total	60.00	92.30	162.00	114.65	217.25	246.30	636.70	443.50	138.60	104.10	65.40	56.60
Mean	2.00	2.98	5.40	3.70	7.01	8.21	20.5	14.8	4.47	3.36	2.33	1.82
Max.	4.90	9.60	17	8.55	28	16	84	49	6.00	4.80	2.80	2.30
Min.	1.00	1.40	2.10	2.60	3.10	4.90	6.90	6.15	3.40	2.70	2.00	1.40
Runoff - mcm.	5.184	7.975	13.997	9.906	18.770	21.280	55.011	38.318	11.975	8.994	5.650	4.890

WATER YEAR 1974 : Max. 84 Min. 1.00 Mean 6.40 Annual Runoff 201.951 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 10, 74	16.00	5.25	90.00				

TONLE SAP RIVER BASIN

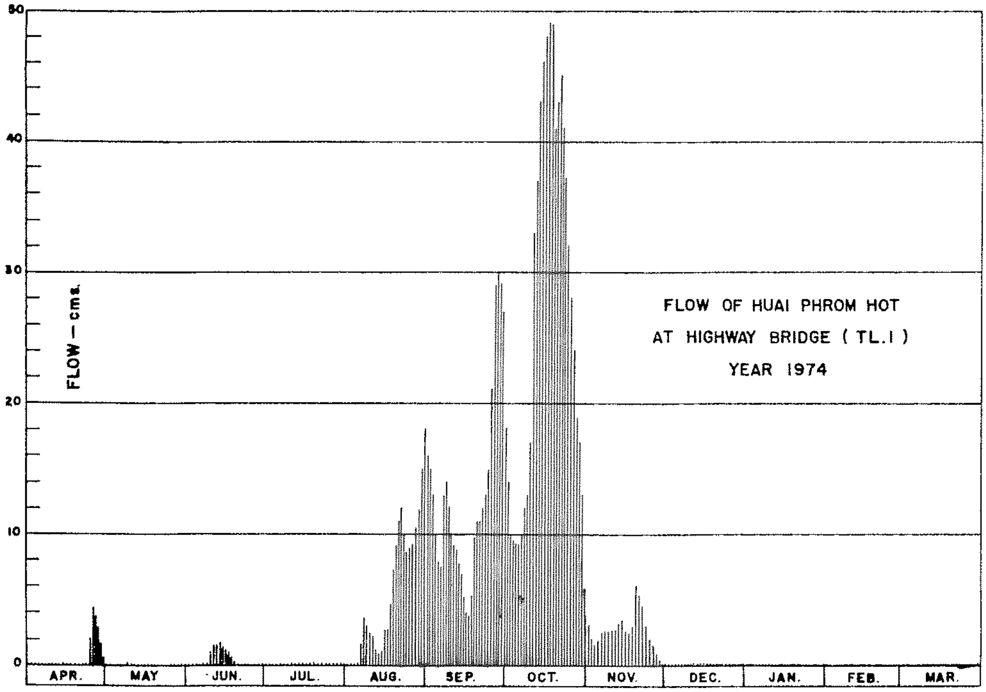
Huai Phrom Hot at Highway Bridge, Prachin Buri (TL.1)

Location:	Lat. 13°-43'-12" N., Long. 102°-28'-06" E., on left bank near Prachin - Aranyaprathet highway bridge, about 7 kilometers west of Aranyaprathet, Amphoe Aranyaprathet, Prachin Buri.
Drainage Area:	571 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 6.020 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:	1964 to date.
Rating Operation:	
Period of Rating:	1964-1965.
Rated by Float:	-
Rated by Current Meter:	1964-1965.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 27 discharge measurements made during 1964-1965.
Remarks:	Discharge records for period of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.26	1.66	1.35	1.41	1.23	4.00	4.18	2.76	1.60	1.09	1.05	1.03
2	.26	.61	.37	.41	.23	3.86	3.78	.44	.57	.09	.05	.03
3	.24	.48	.47	.40	.20	.68	.41	.32	.52	.09	.05	.03
4	.24	.44	.49	.39	.22	.35	.36	.23	.43	.09	.05	.03
5	.24	.48	.36	.33	.24	.21	.35	.28	.37	.09	.05	.03
6	1.24	1.58	1.31	1.33	1.36	3.16	3.35	2.36	1.33	1.09	1.05	1.03
7	.23	.54	.27	.25	2.24	.76	.43	.44	.30	.09	.05	.03
8	.23	.73	.38	.25	.60	.84	.59	.45	.26	.09	.05	.03
9	.20	.78	.72	.25	.50	.60	.76	.44	.24	.09	.05	.03
10	.20	.73	2.02	.22	.43	.44	4.10	.48	.23	.08	.05	.03
11	1.21	1.67	2.21	1.21	2.38	3.33	4.93	2.45	1.21	1.08	1.03	1.04
12	.20	.51	.20	.21	.20	.30	5.38	.46	.20	.08	.04	.05
13	.20	.39	.28	.21	.03	.19	.62	.54	.20	.08	.03	.06
14	.20	.36	.26	.22	1.97	.08	.85	.59	.20	.08	.03	.02
15	.20	.31	.12	.22	2.12	2.83	.94	.54	.18	.08	.03	.02
16	1.20	1.26	2.08	1.22	2.46	2.68	5.98	2.45	1.16	1.08	1.03	1.02
17	.20	.24	.06	.20	.47	.65	6.01	.42	.16	.07	.04	.03
18	.20	.24	1.92	.19	.78	.88	.01	.50	.15	.07	.05	.04
19	.20	.22	.83	.19	3.15	3.38	5.88	.72	.13	.07	.03	.03
20	.20	.18	.60	.18	.34	.52	.77	.97	.12	.07	.03	.02
21	1.20	1.15	1.55	1.18	3.56	3.52	5.84	2.88	1.11	1.07	1.03	1.02
22	.20	.23	.44	.19	.60	.62	.90	.76	.13	.07	.03	.02
23	.20	.23	.48	.19	.41	.72	.83	.65	.13	.07	.03	.02
24	.21	.25	.60	.18	.27	.92	.58	.44	.13	.07	.03	.02
25	2.34	.34	.50	.18	.32	4.48	.32	.31	.13	.07	.03	.02
26	2.73	1.58	1.43	1.19	3.34	4.79	5.02	2.24	1.12	1.07	1.03	1.02
27	.63	.56	.43	.19	.45	5.08	4.70	.12	.12	.07	.03	.02
28	.50	.43	.43	.19	.56	.20	.30	1.98	.12	.07	.03	.02
29	.22	.34	.47	.20	.64	.13	.08	.80	.11	.07		.02
30	1.81	.34	.44	.20	.88	4.92	3.70	.68	.10	.06		.02
31		.34		.23	4.13		2.93		.09	.06		.03
Mean	1.44	1.42	1.67	1.24	2.62	3.70	4.74	2.42	1.19	1.08	1.04	1.03
Max.	2.73	1.78	2.28	1.41	4.13	5.20	6.01	2.97	1.60	1.09	1.05	1.06
Min.	1.20	1.15	1.27	1.18	1.20	2.65	2.93	1.68	1.09	1.06	1.03	1.02

WATER YEAR 1974 : Max. 6.01 m. Min. 1.02 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.00	0.00	0.00	0.00	16	18	4.52	0.00	0.00	0.00	0.00
2						15	14	2.54				
3						13	14	1.90				
4						9.30	9.40	1.59				
5						7.90	9.30	1.74				
6					0.00	7.48	9.30	2.10				
7		0.00			1.62	13	10	2.54				
8		0.09	0.00		3.50	14	12	2.60				
9		0.24	0.06		2.90	12	13	2.54				
10		0.09	0.96		2.48	10	17	2.78				
11		0.00	1.53		2.20	9.10	27	2.60				
12			1.50		1.50	8.80	33	2.66				
13			1.74		0.99	7.72	37	3.14				
14			1.68		0.81	6.84	43	3.44				
15			1.26		1.26	5.01	46	3.14				
16			1.14		2.66	3.98	48	2.60				
17			1.08		2.72	3.80	49	2.42				
18			0.66		4.66	5.36	49	2.90				
19			0.39		7.40	9.60	44	4.24				
20			0.00		9.20	11	41	5.99				
21					11	11	43	5.36				
22					12	12	45	4.52				
23					9.90	13	42	3.80				
24	0.00				8.50	15	37	2.54				
25	2.00				9.00	21	32	1.85				
26	4.31				9.20	25	28	1.62				
27	3.68				10	29	24	1.26				
28	2.90				11	30	19	0.84			0.00	
29	1.56				12	29	17	0.30				
30	0.33		0.00		15	27	13	0.00				
31		0.00		0.00	18		5.71		0.00	0.00		0.00
Total	14.78	0.42	12.00	0.00	169.50	400.89	844.61	80.07	0.00	0.00	0.00	0.00
Mean	0.49	0.013	0.40	0.00	5.47	13.4	27.2	2.66	0.00	0.00	0.00	0.00
Max.	4.31	0.24	1.74	0.00	18	30	49	5.99	0.00	0.00	0.00	0.00
Min.	0.00	0.00	0.00	0.00	0.00	3.80	5.71	0.00	0.00	0.00	0.00	0.00
Runoff - mcm.	1.276	0.036	0.00	0.000	14.645	34.637	72.974	6.918	0.000	0.000	0.000	0.000

WATER YEAR 1974 : Max. 49 Min. 0.00 Mean 4.17 Annual Runoff 131.524 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.18	06.00	6.01	49				

KHLONG NAM SAI RIVER BASIN

Khlong Nam Sai at Ban Non Khilex, Prachin Buri (TL.2)

Location: Lat. 13°-33'-53" N., Long. 102°-23'-52" E., on left bank near Ban Non Khilex, Tambon Khlong Nam Sai, Amphoe Aranyaprathet, Prachin Buri.

Drainage Area: 196 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: under the tree about 4.80 meters from staff gage.
Elevation: + 4.933 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: 1973-1975.

Rating Operation:

Period of Rating: 1973
Rated by Float: -
Rated by Current Meter: 1973

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No information.

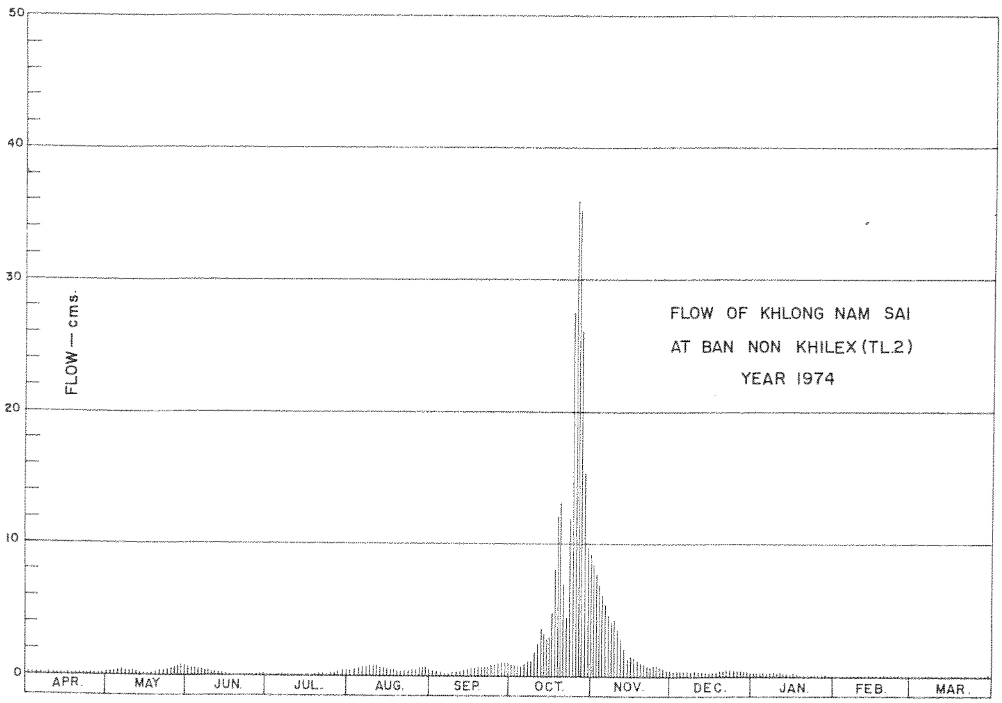
General Description: Records fair. Stage-discharge relation defined by 77 discharge measurements made in 1973.

Remarks: Discharge records for period of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.19	0.40	0.61	0.39	0.52	0.54	0.67	2.02	0.52	0.47	0.32	0.20
2	.19	.42	.60	.37	.53	.52	.65	1.92	.51	.47	.31	.20
3	.18	.43	.59	.36	.56	.50	.63	.82	.50	.46	.31	.19
4	.17	.45	.58	.34	.57	.48	.61	.71	.50	.46	.30	.19
5	.17	.48	.57	.33	.59	.46	.62	.62	.49	.45	.30	.18
6	0.18	0.50	0.55	0.31	0.61	0.44	0.66	1.52	0.49	0.45	0.29	0.17
7	.19	.52	.53	.29	.63	.42	.69	.43	.48	.44	.29	.17
8	.20	.51	.51	.29	.66	.41	.73	.34	.48	.44	.28	.17
9	.21	.50	.49	.28	.67	.42	.78	.40	.47	.43	.28	.16
10	.22	.47	.46	.27	.66	.45	.83	.31	.47	.43	.27	.18
11	0.24	0.45	0.44	0.26	0.64	0.46	0.93	1.22	0.47	0.42	0.27	0.19
12	.25	.43	.43	.25	.63	.48	1. 07	.14	.46	.42	.26	.20
13	.27	.41	.42	.24	.61	.49	.27	0.95	.46	.41	.26	.21
14	.28	.38	.41	.23	.58	.52	.20	.85	.47	.41	.27	.21
15	.30	.37	.39	.22	.56	.54	.07	.76	.48	.40	.27	.20
16	0.33	0.34	0.38	0.21	0.54	0.56	1.15	0.83	0.49	0.40	0.27	0.19
17	.34	.36	.36	.23	.52	.58	.48	.79	.49	.39	.26	.18
18	.37	.38	.34	.25	.50	.61	.90	.75	.50	.39	.26	.17
19	.38	.41	.33	.27	.48	.63	2.55	.72	.50	.38	.25	.15
20	.40	.43	.31	.28	.46	.60	.50	.68	.51	.38	.25	.16
21	0.39	0.46	0.30	0.30	0.44	0.60	1.76	0.65	0.52	0.37	0.24	0.17
22	.38	.48	.30	.32	.46	.62	.26	.62	.53	.37	.24	.18
23	.36	.50	.31	.33	.48	.64	.93	.59	.53	.36	.23	.19
24	.35	.52	.34	.35	.51	.65	2.79	.56	.52	.36	.23	.19
25	.34	.55	.35	.37	.53	.67	3.86	.65	.51	.35	.22	.18
26	0.35	0.56	0.37	0.38	0.55	0.67	4.54	0.64	0.51	0.35	0.22	0.16
27	.36	.58	.40	.41	.58	.68	.47	.61	.50	.34	.21	.15
28	.39	.61	.41	.43	.61	.69	3.74	.58	.49	.34	.21	.15
29	.40	.63	.42	.46	.61	.70	2.73	.55	.48	.33		.14
30	.38	.65	.41	.48	.59	.69	.15	.54	.48	.33		.16
31		.64		.49	.56		.09		.48	.32		.17
Mean	0.29	0.48	0.43	0.32	0.56	0.56	1.72	1.02	0.49	0.40	0.26	0.18
Max.	0.40	0.65	0.61	0.49	0.67	0.70	4.54	2.02	0.53	0.47	0.32	0.21
Min.	0.17	0.34	0.30	0.21	0.44	0.41	0.61	0.54	0.46	0.32	0.21	0.14

WATER YEAR 1974 : Max. 4.54 m. Min. 0.14 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	0.15	0.63	0.13	0.40	0.45	0.81	8.86	0.40	0.29	0.03	0.00
2	0.00	0.19	0.60	0.10	0.42	0.40	0.75	8.06	0.37	0.29	0.01	
3	0.00	0.21	0.57	0.09	0.50	0.35	0.69	7.26	0.35	0.27	0.01	
4	0.00	0.25	0.55	0.06	0.52	0.31	0.63	6.42	0.35	0.27	0.00	
5	0.00	0.31	0.52	0.04	0.57	0.27	0.66	5.79	0.33	0.25		
6	0.00	0.35	0.47	0.01	0.63	0.23	0.78	5.13	0.33	0.25		
7	0.00	0.40	0.42	0.00	0.69	0.19	0.87	4.54	0.31	0.23		
8	0.00	0.37	0.37	0.00	0.78	0.17	1.02	3.99	0.31	0.23		
9	0.00	0.35	0.33	0.00	0.81	0.19	1.22	4.35	0.29	0.21		
10	0.00	0.29	0.27	0.00	0.78	0.25	1.42	3.81	0.29	0.21		
11	0.00	0.25	0.23	0.00	0.72	0.27	1.83	3.31	0.29	0.19		
12	0.00	0.21	0.21	0.00	0.69	0.31	2.50	2.87	0.27	0.19		
13	0.00	0.17	0.19	0.00	0.63	0.33	3.58	1.92	0.27	0.17		
14	0.00	0.12	0.17	0.00	0.55	0.40	3.20	1.50	0.29	0.17		
15	0.00	0.10	0.13	0.00	0.50	0.45	2.50	1.14	0.31	0.15		
16	0.04	0.06	0.12	0.00	0.45	0.50	2.95	1.42	0.33	0.15		
17	0.06	0.09	0.09	0.00	0.40	0.55	4.87	1.26	0.33	0.13		
18	0.10	0.12	0.06	0.00	0.35	0.63	7.90	1.10	0.35	0.13		
19	0.12	0.17	0.04	0.00	0.31	0.69	13	0.98	0.35	0.12		
20	0.15	0.21	0.01	0.00	0.27	0.60	13	0.84	0.37	0.12		
21	0.13	0.27	0.00	0.00	0.23	0.60	6.80	0.75	0.40	0.10		
22	0.12	0.31	0.00	0.03	0.27	0.66	3.53	0.66	0.42	0.10		
23	0.09	0.35	0.01	0.04	0.31	0.72	8.14	0.57	0.42	0.09		
24	0.07	0.40	0.06	0.07	0.37	0.75	16	0.50	0.40	0.09		
25	0.06	0.47	0.07	0.10	0.42	0.81	27	0.75	0.37	0.07		
26	0.07	0.50	0.10	0.12	0.47	0.81	36	0.72	0.37	0.07		
27	0.09	0.55	0.15	0.17	0.55	0.84	35	0.63	0.35	0.06		
28	0.13	0.63	0.17	0.21	0.63	0.87	26	0.55	0.33	0.06	0.00	
29	0.15	0.69	0.19	0.27	0.63	0.90	15	0.47	0.31	0.04		
30	0.12	0.75	0.17	0.31	0.57	0.87	9.95	0.45	0.31	0.04		
31		0.72		0.33	0.50		9.42		0.31	0.03		0.00
Total	1.50	10.01	6.90	2.08	15.92	15.37	257.02	80.60	10.48	4.77	0.05	0.00
Mean	0.050	0.32	0.23	0.070	0.51	0.51	8.29	2.69	0.34	0.15	0.001	0.00
Max.	0.15	0.75	0.63	0.33	0.81	0.90	36	8.86	0.42	0.29	0.03	0.00
Min.	0.00	0.06	0.00	0.00	0.23	0.17	0.63	0.45	0.27	0.03	0.00	0.00
Runoff - mcm.	0.130	0.685	0.596	0.180	1.375	1.328	22.206	6.964	0.905	0.412	0.004	0.000

WATER YEAR 1974 : Max. 36 Min. 0.00 Mean 1.11 Annual Runoff 34.966 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 26	15.00	4.61	37				

NAKHON NAYOK RIVER BASIN

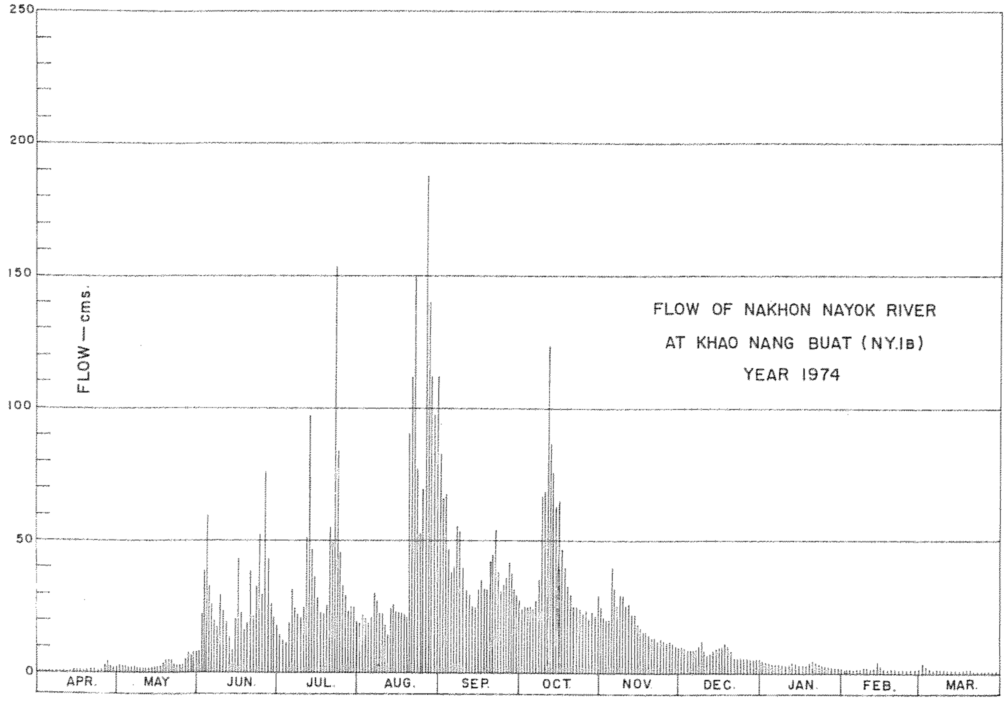
Nakhon Nayok River at Khao Nang Buat, Nakhon Nayok (Ny.1B)

Location:	Lat. 14°-14'-45" N., Long. 101°-12'-38" E., on left bank about 700 meters upstream from Ny1 station at Khao Nang Buat, Amphoe Muang, Nakhon Nayok.
Drainage Area:	519 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the fence of gage observer's house.
Elevation:	+ 8.758 m. (M.S.L.)
Gage Reading Frequency:	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 Float:	-
Rated by Current Meter:	1973 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 15 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.56	3.79	4.17	4.52	4.55	6.17	4.48	4.71	4.23	3.94	3.74	3.68
2	.56	.79	.70	.38	.69	5.84	.75	.62	.22	.92	.74	.89
3	.61	.77	5.18	.33	.65	.87	.77	.61	.19	.90	.73	.77
4	.57	.75	.68	.28	.59	.39	.79	.61	.17	.88	.74	.74
5	.56	.73	4.97	.56	.57	.18	.78	5.21	.16	.86	.73	.70
6	3.56	3.71	4.74	5.00	4.78	5.22	4.76	4.97	4.18	3.85	3.73	3.68
7	.56	.71	.59	4.77	.94	.60	.85	.80	.22	.85	.72	.67
8	.55	.70	.53	.75	.82	.56	5.10	.91	.29	.85	.72	.66
9	.55	.68	.92	.65	.70	.22	.84	.91	.34	.84	.79	.66
10	.55	.66	.72	.64	.70	.07	.89	.77	.16	.83	.75	.67
11	3.56	3.65	4.60	4.79	4.47	4.93	6.40	4.83	4.08	3.86	3.73	3.66
12	.56	.67	.53	5.52	.40	.93	.95	.68	.11	.82	.71	.66
13	.57	.71	.33	6.48	.74	.79	.24	.68	.16	.89	.75	.65
14	.62	.72	.17	5.39	.82	.79	5.83	.60	.19	.87	.92	.64
15	.66	.73	.61	.09	.72	.96	.76	.53	.21	.85	.82	.64
16	3.65	3.72	5.28	4.87	4.73	5.11	5.82	4.48	4.23	3.84	3.75	3.63
17	.64	.75	4.70	.79	.71	4.99	.38	.45	.26	.83	.72	.63
18	.63	.84	.47	.70	.70	.96	.16	.44	.27	.89	.71	.66
19	.63	.93	.53	.72	.66	5.32	.01	.39	.25	.94	.70	.69
20	.65	.93	5.16	.82	6.34	.21	4.93	.38	.15	.95	.69	.66
21	3.66	3.93	4.69	5.60	6.73	5.51	4.81	4.35	4.06	3.92	3.69	3.64
22	.67	.84	.64	.47	7.39	.58	.77	.32	.01	.89	.68	.63
23	.64	.79	5.01	7.45	6.06	.13	.78	.37	.03	.85	.67	.62
24	.63	.79	.54	5.98	5.56	4.97	.74	.31	.03	.82	.67	.62
25	.65	.79	4.93	.37	.91	5.07	.70	.30	.02	.80	.66	.65
26	3.79	3.81	6.05	5.00	7.41	5.11	4.73	4.32	4.01	3.79	3.66	3.63
27	.90	.98	5.32	4.81	8.02	.27	.62	.32	.01	.78	.66	.62
28	.78	4.10	4.87	.72	7.22	.14	.71	.30	.02	.76	.66	.63
29	.71	.09	.72	.78	6.40	4.98	.66	.26	.01	.75		.62
30	.73	.13	.59	.78	.60	.92	.83	.25	.00	.75		.62
31		.11		.59	.74		.92		3.98	.74		.61
Mean	3.63	3.82	4.83	5.02	5.46	5.23	5.16	4.56	4.14	3.85	3.72	3.66
Max.	3.90	4.13	6.05	7.45	8.02	6.17	6.95	5.21	4.34	3.95	3.92	3.89
Min.	3.55	3.65	4.17	4.28	4.40	4.79	4.62	4.25	3.98	3.74	3.66	3.61

WATER YEAR 1974 : Max. 8.02 m. Min. 3.55 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.30	2.40	8.40	17	18	81	27	23	9.75	4.60	1.90	1.30
2	0.30	2.40	22	13	22	66	24	20	9.50	4.30	1.90	3.85
3	0.60	2.20	38	12	21	67	25	20	8.80	4.00	1.80	2.20
4	0.35	2.00	59	11	19	46	25	20	8.40	3.70	1.90	1.90
5	0.30	1.80	31	18	19	38	25	39	8.20	3.40	1.80	1.50
6	0.30	1.60	24	32	25	40	24	31	8.60	3.25	1.80	1.30
7	0.30	1.60	19	25	30	55	27	25	9.50	3.25	1.70	1.20
8	0.25	1.50	17	24	26	53	35	29	11	3.25	1.70	1.10
9	0.25	1.30	29	21	22	40	66	29	12	3.10	2.40	1.10
10	0.25	1.10	23	21	22	34	68	25	8.20	2.95	2.00	1.20
11	0.30	1.00	19	25	16	29	93	26	6.70	3.40	1.80	1.10
12	0.30	1.20	17	51	14	29	123	22	7.20	4.30	1.60	1.10
13	0.35	1.60	12	97	24	25	85	22	8.20	3.85	2.00	1.00
14	0.70	1.70	8.40	46	26	25	65	19	8.80	3.55	4.30	0.90
15	1.10	1.80	20	35	23	31	62	17	9.25	3.25	2.80	0.90
16	1.00	1.70	42	28	23	36	65	16	9.75	3.10	2.00	0.80
17	0.90	2.00	22	25	23	32	46	15	10	2.95	1.70	0.80
18	0.80	3.10	16	22	22	31	38	15	11	3.85	1.00	1.10
19	0.80	4.45	17	23	21	43	32	14	10	4.60	1.50	1.40
20	1.00	4.45	38	26	90	39	29	13	8.00	4.75	1.40	1.10
21	1.10	4.45	22	55	111	51	25	13	6.40	4.30	1.40	0.90
22	1.20	3.10	21	49	149	54	25	12	5.65	3.85	1.30	0.80
23	0.90	2.40	32	153	76	36	25	13	5.95	3.25	1.20	0.70
24	0.80	2.40	52	72	53	31	23	12	5.95	2.80	1.20	0.70
25	1.00	2.40	29	45	69	34	22	11	5.80	2.50	1.10	1.00
26	2.40	2.65	75	32	151	36	23	12	5.65	2.40	1.10	0.80
27	4.00	5.20	43	29	187	41	20	12	5.65	2.30	1.10	0.70
28	2.30	7.00	28	23	139	37	23	11	5.80	2.10	1.10	0.80
29	1.60	6.85	23	25	93	31	21	10	5.65	2.00		0.70
30	1.80	7.60	19	25	104	29	26	10	5.50	2.00		0.70
31		7.20		19	112		29		5.20	1.90		0.60
Total	27.55	92.15	826	1.099	1,750	1,220	1,246	556	246.05	103	49.1	35.2
Mean	0.92	2.97	27.5	35.4	56.4	40.7	40.2	18.5	7.94	3.32	1.75	1.14
Max.	4.00	7.60	75	152	187	81	123	39	12	4.75	4.30	3.85
Min.	0.25	1.00	8.40	11	14	25	20	10	5.20	1.90	1.10	0.60
Runoff - mcm.	2.380	7.962	71.349	94.954	151.200	105.408	107.654	48.038	21.259	8.882	4.242	3.046

WATER YEAR 1974 : Max. 187 Min. 0.25 Mean 19.9 Annual Runoff 626.374 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.27	14.00	8.83	283				

PRACHIN RIVER BASIN

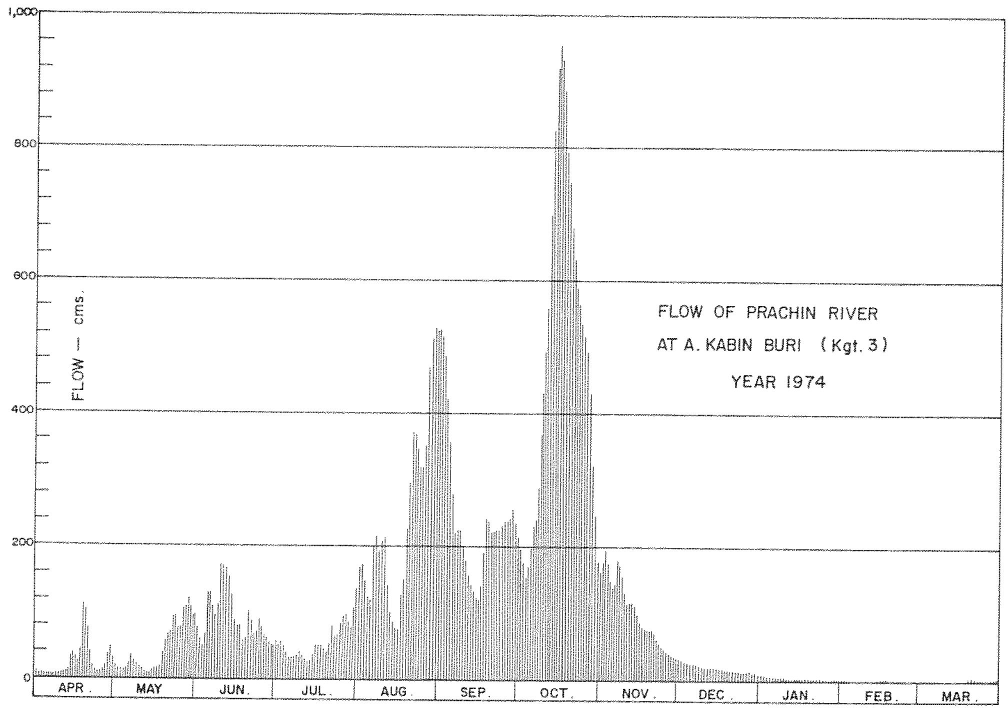
Prachin River at Amphoe Kabin Buri, Prachin Buri (Kgt.3)

Location:	Lat. 13^{0}–59'–05" N., Long. 101^{0}–42'–32" E., on left bank infront of Amphoe Kabin Buri office and about 500 meters downstream from confluence of Lam Phra Prong and Lam Hanuman, Amphoe Kabin Buri, Prachin Buri.
Drainage Area:	7,502 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	–0.49 m. (M.S.L.)
Bench Mark:	B.M. – H.S./RID
Location:	at the fence of Amphoe Kabin Buri office.
Elevation:	+ 10.179 m. (M.S.L.)
Gage Reading Frequency:	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 Float:	–
Rated by Current Meter:	1941–1943, 1945, 1964 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 9.20 m. (M.S.L.) and is included.
General Description:	Records fair. Stage–discharge relation defined by 19 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.07	1.48	2.95	2.48	4.08	8.45	5.15	4.61	2.00	1.18	0.73	0.62
2	.00	.31	.47	.30	.46	.36	4.78	.81	1.94	.12	.73	.59
3	0.99	.20	.27	.45	.49	.09	.38	5.06	.88	.08	.72	.58
4	.97	.14	.69	.34	3.98	7.48	.19	4.82	.86	.06	.71	.58
5	.95	.18	3.81	.09	.58	6.66	.45	.24	.83	.03	.70	.58
6	0.94	1.37	3.89	1.89	3.73	5.79	4.73	4.27	1.80	1.00	0.70	0.57
7	.93	.90	.54	.87	4.81	.12	5.26	.56	.76	0.98	.69	.56
8	.91	.68	.20	.87	5.09	.23	.40	.93	.70	.97	.69	.56
9	.91	.54	.52	.93	4.78	.23	6.10	.73	.70	.95	.69	.60
10	.92	.45	4.39	2.04	.99	4.97	7.41	.20	.68	.94	.66	.57
11	0.98	1.25	4.48	1.93	5.04	4.68	8.43	3.83	1.64	0.94	0.66	0.56
12	.99	.10	.44	.77	4.43	.31	9.02	.81	.62	.94	.68	.56
13	1.19	0.97	.31	.64	3.52	.10	.51	.89	.58	.93	.68	.55
14	.78	.93	3.88	.71	.15	3.98	.95	.77	.53	.93	.68	.55
15	2.03	1.10	.33	.84	2.97	.83	10.32	.52	.51	.93	.69	.54
16	1.76	1.28	2.91	2.28	2.80	3.66	10.50	3.29	1.49	0.93	0.83	0.57
17	.59	.28	.97	.29	3.77	.91	.44	.14	.48	.92	.83	.57
18	2.56	.38	.62	.30	.50	4.68	.23	.07	.47	.91	.76	.56
19	3.54	.86	.31	.21	4.73	5.45	.04	.04	.45	.91	.73	.58
20	.31	2.35	.61	.02	5.59	.40	9.85	.02	.41	.88	.69	.84
21	2.29	2.68	3.39	2.27	6.42	5.18	9.63	3.03	1.37	0.86	0.66	0.85
22	1.39	.75	.01	.94	.96	.22	.41	2.92	.35	.86	.64	.81
23	.13	3.13	2.69	.63	.94	.22	.21	.71	.34	.85	.63	.78
24	.00	.28	.74	.62	.58	.28	8.99	.54	.32	.86	.62	.73
25	0.96	2.90	3.18	.85	.33	.32	.82	.43	.28	.84	.62	.70
26	1.11	2.93	2.70	3.23	6.41	5.41	8.65	2.31	1.25	0.81	0.62	0.68
27	.36	3.36	.63	.27	.69	.40	.45	.24	.38	.78	.61	.72
28	.73	.48	.56	.30	7.94	.44	7.85	.17	.35	.77	.59	.79
29	2.22	.73	.36	2.84	8.30	.61	6.65	.11	.27	.76		.85
30	1.82	.45	.32	3.17	.47	.39	5.64	.04	.22	.74		.85
31		.31		.65	.43		.04		.20	.73		.78
Mean	1.48	2.02	3.14	2.39	5.26	5.43	7.69	3.50	1.54	0.91	0.69	0.65
Max.	3.54	3.73	4.48	3.65	8.47	8.45	10.50	5.06	2.00	1.18	0.83	0.85
Min.	0.91	0.93	2.27	1.64	2.80	3.66	4.19	2.04	1.20	0.73	0.59	0.54

WATER YEAR 1974 : Max. 10.50 m Min. 0.54 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	10	21	80	58	145	526	219	161	33	10	2.45	1.20
2	9.00	16	58	50	170	515	193	174	31	8.90	2.45	0.95
3	8.80	13	49	57	172	482	165	190	29	8.10	2.30	0.90
4	8.40	12	67	52	139	417	152	174	28	7.70	2.15	0.90
5	8.00	13	128	42	114	343	169	138	27	7.10	2.00	0.90
6	7.80	18	133	35	123	270	189	140	26	6.50	2.00	0.85
7	7.60	35	112	34	195	217	227	158	25	6.20	1.90	0.80
8	7.20	27	93	34	215	225	238	181	23	6.05	1.90	0.80
9	7.20	23	111	36	193	225	295	168	23	5.75	1.90	1.00
10	7.40	20	165	40	207	206	410	136	23	5.60	1.60	0.85
11	8.60	15	172	36	211	186	524	116	22	5.60	1.60	0.80
12	8.80	11	169	30	168	160	609	114	21	5.60	1.80	0.80
13	13	8.40	160	26	111	146	692	119	20	5.45	1.80	0.75
14	31	7.60	132	28	90	139	793	112	19	5.45	1.80	0.75
15	40	11	100	33	81	129	894	99	18	5.45	1.90	0.70
16	30	15	78	50	73	119	949	87	17	5.45	3.95	0.85
17	25	15	81	50	126	134	930	80	17	5.30	3.95	0.85
18	62	18	64	50	109	186	836	77	17	5.15	2.90	0.80
19	112	34	51	47	189	242	775	75	17	5.15	2.45	0.90
20	98	52	64	39	254	238	721	74	16	4.70	1.90	4.10
21	50	67	103	49	323	221	668	75	15	4.40	1.60	4.25
22	19	70	83	80	369	224	621	70	14	4.40	1.40	3.65
23	12	89	67	65	368	224	585	60	14	4.25	1.30	3.20
24	9.00	97	70	64	336	229	550	53	13	4.40	1.20	2.45
25	8.20	78	92	75	315	232	527	49	12	4.10	1.20	2.00
26	11	79	68	94	322	239	506	44	12	3.65	1.20	1.80
27	18	101	65	96	346	238	483	41	15	3.20	1.10	2.30
28	29	108	62	98	464	242	419	39	14	3.05	0.95	3.35
29	47	123	53	75	507	255	309	37	12	2.90		4.25
30	32	106	51	91	529	238	231	34	11	2.60		4.25
31		98		118	524		189		10	2.45		3.20
Total	745.00	1,401	2,781	1,732	7,488	7,447	15,068	3,075	594	164.60	54.65	55.15
Mean	24.8	45.2	92.7	55.9	241	248	486	102	19.2	5.31	1.95	1.78
Max.	112	123	172	118	529	526	949	190	33	10	3.95	4.25
Min.	7.20	7.60	49	26	73	119	152	34	10	2.45	0.95	0.70
Runoff - mcm.	64.368	121.046	240.278	149.645	646.963	643.421	1,301.875	265.680	51.322	14.221	4.722	4.765

WATER YEAR 1974 : Max. 949 Min. 0.70 Mean 111 Annual Runoff 3,508.306 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 16	12.00	10.51	952				

PRACHIN RIVER BASIN

Prachin River at Amphoe Si Maha Phot, Prachin Buri (Kgt.6)

Location: Lat. 13°-58'-21" N., Long. 101°-30'-57" E., on left bank, 25 meters south of the Wat Prathum, Amphoe Si Maha Phot, Prachin Buri.

Drainage Area: 7,978 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: on lef bank, 10 meters south of the Water Prathum.
Elevation: + 8.310 m. (A.D.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.000 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
Rated by Float: -
Rated by Current Meter: 1967

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

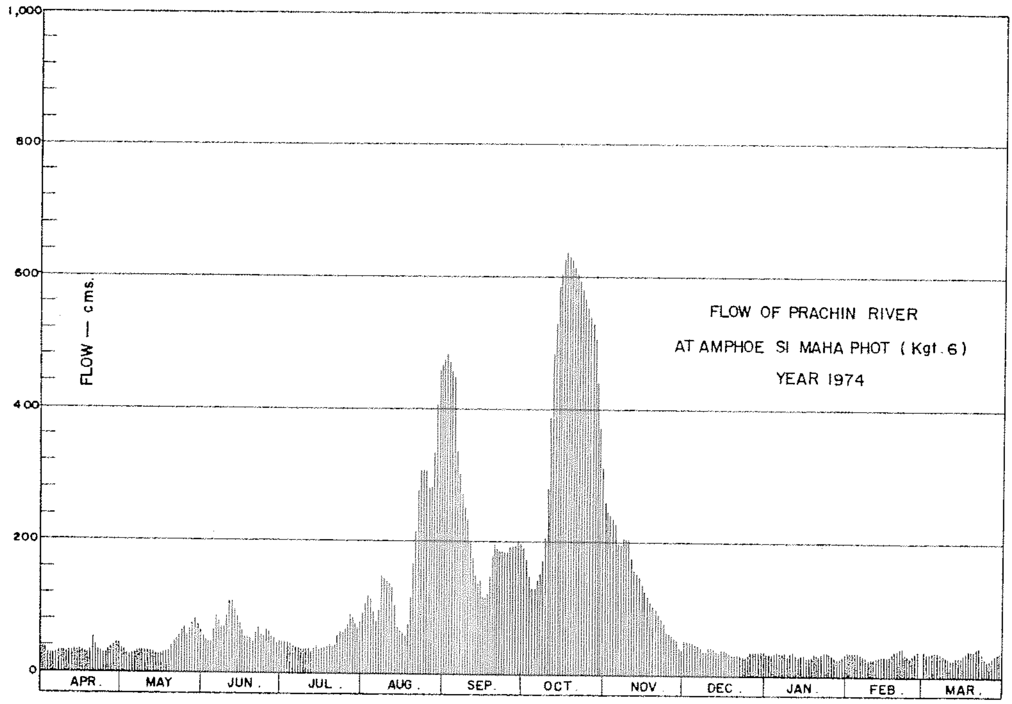
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharе relation defined by 17 discharge measurements made in 1967.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.64	2.59	3.09	2.88	3.72	7.52	5.11	5.85	2.91	2.58	2.55	2.61
2	.55	.44	2.86	.90	4.05	.53	4.90	.70	.92	.53	.58	.57
3	.41	.37	.82	.82	.18	.44	.64	.66	.87	.45	.47	.55
4	.30	.33	.88	.80	.06	.32	.35	.56	.86	.45	.57	.54
5	.35	.40	3.36	.74	3.73	6.73	.34	.29	.81	.55	.53	.55
6	2.37	2.42	3.65	2.64	3.53	5.44	4.49	5.17	2.82	2.56	2.48	2.54
7	.44	.56	.53	.62	.81	.21	.76	.23	.73	.48	.44	.54
8	.47	.61	.37	.62	4.61	5.87	5.05	.32	.58	.55	.33	.43
9	.48	.57	.38	.61	.54	.76	.39	.30	.57	.40	.19	.33
10	.42	.55	.80	.63	.50	.59	6.15	.06	.69	.48	.19	.22
11	2.55	2.53	4.04	2.62	4.43	5.33	7.00	4.82	2.73	2.55	2.25	2.20
12	.55	.50	.02	.48	.35	4.97	.53	.67	.65	.40	.33	.35
13	.54	.44	3.94	.63	3.71	.47	.82	.64	.61	.30	.40	.36
14	.52	.36	.73	.70	.37	.50	8.01	.55	.52	.36	.35	.34
15	.57	.34	.50	.61	.25	.20	.22	.41	.65	.37	.42	.37
16	2.54	2.40	3.17	2.71	3.24	4.11	8.36	4.22	2.64	2.29	2.42	2.44
17	.42	.38	.03	.73	.07	.16	.41	.08	.59	.28	.42	.53
18	.39	.44	.01	.76	.34	.45	.38	3.98	.51	.32	.43	.67
19	.75	.47	2.81	.79	4.14	.97	.34	.91	.38	.47	.57	.64
20	.98	.74	.89	.71	.85	5.22	.30	.87	.37	.45	.63	.61
21	2.74	2.91	3.24	2.76	5.53	5.13	8.24	3.72	2.40	2.37	2.69	2.64
22	.55	.98	.31	3.17	.95	.08	.18	.65	.44	.44	.73	.71
23	.47	3.15	.10	.25	6.29	.08	.12	.51	.39	.50	.42	.55
24	.43	.31	.06	.21	.28	.06	.04	.21	.40	.60	.38	.33
25	.50	.12	.28	.38	.16	.07	7.97	.16	.34	.55	.32	.17
26	2.57	3.11	3.19	3.41	6.04	5.17	7.88	3.08	2.53	2.39	2.47	2.21
27	.68	.34	.01	.68	.10	.18	.82	.04	.55	.31	.55	.29
28	.75	.42	.01	.56	.66	.16	.68	.01	.56	.20	.60	.43
29	.82	.55	2.84	.40	7.13	.26	.18	2.66	.56	.23	-	.49
30	.81	.40	.86	.34	.37	.20	6.61	.59	.61	.44	-	.51
31	-	.23	-	.51	.43	-	.20	-	.59	.44	-	.54
Mean	2.55	2.74	3.26	2.93	4.82	5.47	6.89	4.30	2.60	2.43	2.45	2.46
Max.	2.98	3.55	4.04	3.68	7.43	7.53	8.41	5.85	2.92	2.60	2.73	2.71
Min.	2.30	2.33	2.81	2.48	3.07	4.11	4.34	2.59	2.34	2.20	2.19	2.17

WATER YEAR 1974 : Max. 8.41 m. Min. 2.17 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	40	38	58	49	91	481	189	259	51	37	36	38
2	36	32	49	50	112	462	172	243	51	36	37	37
3	32	30	47	47	120	468	152	239	49	33	34	36
4	28	29	49	46	112	449	131	230	49	33	37	36
5	30	31	71	44	92	363	131	204	47	36	36	36
6	30	32	87	40	80	326	141	194	47	36	34	36
7	32	36	80	39	96	298	161	199	43	34	32	36
8	34	38	72	39	150	261	184	207	37	36	29	32
9	34	37	72	38	145	249	214	205	37	31	25	29
10	32	36	96	39	142	232	291	185	42	34	25	26
11	36	36	111	39	137	208	400	166	43	36	27	25
12	36	34	110	34	131	178	482	154	40	31	29	30
13	36	32	104	39	90	140	530	152	38	28	31	30
14	35	30	92	42	72	142	563	146	35	30	30	29
15	37	29	79	38	66	121	601	136	40	30	32	30
16	36	31	62	42	65	115	627	123	40	28	32	32
17	32	31	56	43	58	119	636	113	38	27	32	36
18	31	32	55	44	70	138	631	107	35	29	32	41
19	44	34	47	46	117	178	623	103	31	34	37	40
20	54	44	50	42	168	198	615	100	30	33	39	38
21	44	51	65	44	227	190	604	91	31	30	42	40
22	36	54	69	62	269	186	593	87	32	32	43	42
23	34	61	59	66	308	186	583	80	31	34	32	36
24	32	69	57	64	307	185	568	64	31	38	31	29
25	34	60	67	72	292	186	556	62	29	36	29	24
26	37	59	63	74	279	194	531	58	36	31	34	25
27	41	70	55	89	285	195	530	56	36	28	36	28
28	44	75	55	82	354	193	507	55	36	25	38	32
29	47	82	48	74	419	202	427	40	36	26	-	34
30	47	74	49	70	457	196	347	38	38	32	-	35
31		65		80	466	-	297	-	38	32	-	36
Total	1,101	1,392	2,034	1,617	5,777	7.059	13,017	4,096	1,197	996	931	1,034
Mean	36.7	44.9	67.8	52.2	186	235	420	136	38.6	32.1	33.2	33.4
Max.	54	82	111	89	466	482	636	259	51	38	43	42
Min.	28	29	47	34	58	115	131	38	29	25	25	24
Runoff - mcm.	95.126	120.269	175.738	139.709	499.133	609.898	1,124.669	353.894	103.421	86.054	80.438	89.338

WATER YEAR 1974 : Max. 636 Min. 24 Mean 110 Annual Runoff 3,477.686 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 17	12.00	8.41	636				

PRACHIN RIVER BASIN

Khlong Phra Sathung at Ban Khao Chakan, Prachin Buri (Kgt.9)

Location: Lat. 13°-40'-10" N., Long. 102°-04'-35" E., on right bank infront of Wat Khao Chukan, Ban Khao Chakan, Amphoe Sakaco, Prachin Buri.

Drainage Area: 2,279 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: at the side of Wat Khao Chakan School.
Elevation: + 10.239 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1967-1970, 1972 to date.

Rating Operation:

Period of Rating: 1969-1970.
Rated by Float: -
Rated by Current Meter: 1969-1970.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

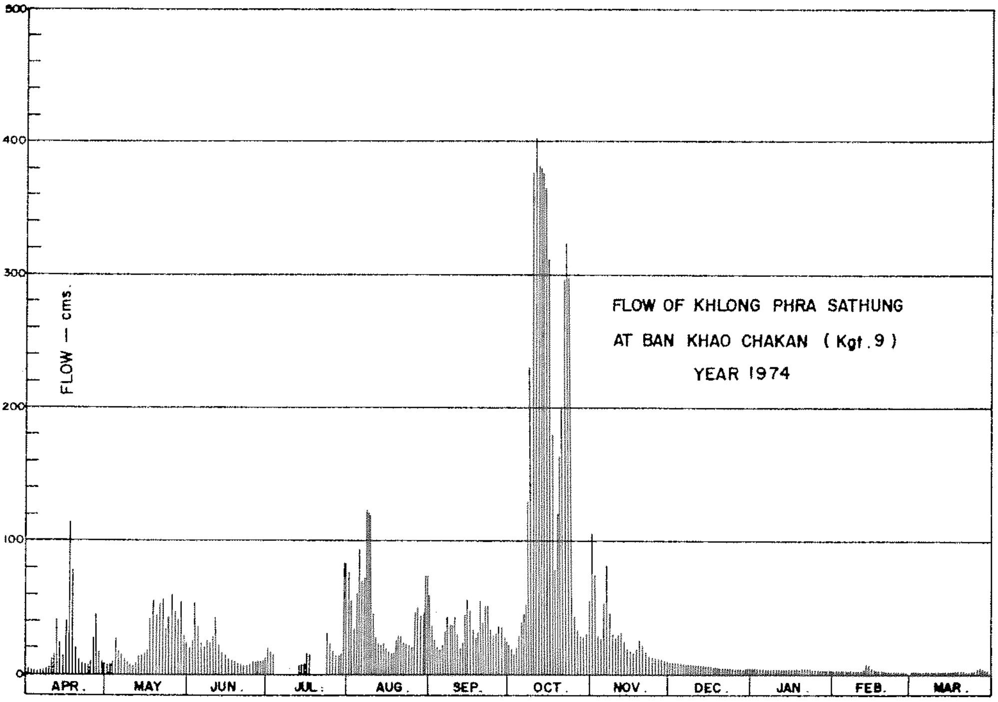
General Description: Records fair. Stage-discharge relation defined by 270 discharge measurements made during 1969-1970.

Remarks: No records on July 4-12 and July 18-23, 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.51	0.71	1.48	1.55	3.91	2.68	1.66	4.82	0.94	0.60	0.42	0.36
2	.47	.72	.60	.46	.14	.08	.43	3.95	.92	.59	.41	.36
3	.45	.73	3.00	.36	2.12	1.63	.29	2.19	.91	.58	.41	.36
4	.40	1.01	2.75		3.38	.43	.70	1.79	.90	.57	.42	.36
5	.37	.89	.10		4.45	.50	2.15	.98	.89	.57	.41	.36
6	0.37	1.40	1.64		3.60	1.97	2.58	4.07	0.87	0.56	0.41	0.35
7	.47	.25	.54		.75	2.64	.79	3.36	.84	.56	.40	.35
8	.52	.02	.82		5.34	.45	5.71	2.28	.82	.55	.44	.35
9	.46	0.85	.72		.21	.31	8.21	1.98	.81	.56	.45	.35
10	1.00	.72	.93		2.80	. 63	10.73	.82	.80	.56	.43	.34
11	1.10	0.61	2.58		2.01	2.09	11.17	1.93	0.78	0.56	0.43	0.36
12	2.51	.75	1.76		1.68	1.46	10.79	2.11	.76	.56	.44	.36
13	.02	1.16	.46	0.72	.57	.72	.78	1.86	.74	.56	.81	.35
14	1.44	.24	.27	.78	.73	2.53	.53	.66	.73	.56	.77	.34
15	.10	.31	.29	.85	.53	3.18	9.88	.51	.72	.56	.56	.34
16	3.41	1.31	1.11	1.33	1.38	2.86	8.58	1.40	0.70	0.56	0.50	0.34
17	5.13	2.42	.05	.30	.33	.29	5.63	.36	.69	.55	.46	.34
18	3.22	.71	0.99		.25	1.91	3.92	.54	.68	.55	.44	.36
19	1.63	3.18	.90		.85	2.13	5.65	.79	.67	.54	.43	.39
20	.26	2.55	.82		2.02	3.10	7.29	.76	.66	.54	.42	.40
21	0.99	2.90	0.80		1.91	2.37	8.83	1.48	0.64	0.56	0.42	0.38
22	.91	3.17	.76		.66	.91	9.75	.32	.62	.53	.43	.35
23	.76	2.07	.71		.68	.99	.05	.22	.61	.51	.41	.35
24	.75	.47	.76	2.07	.61	.24	5.81	.16	.60	.49	.40	.34
25	1.08	.73	.91	1.55	.52	1.98	2.81	.12	.59	.48	.39	.34
26	1.78	3.37	0.97	1.45	2.16	2.07	2.32	1.09	0.58	0.47	0.38	0.54
27	2.74	2.96	.97	.28	.88	.34	.11	.07	.57	.46	.37	.62
28	1.43	.37	.94	.20	.64	.32	1.92	.04	.59	.44	.36	.56
29	.02	3.07	.93	.27	.60	.02	2.04	.00	.61	.43		.47
30	0.81	2.43	1.03	2.08	3.75	1.74	.03	0.97	.62	.43		.42
31		1.74		4.15	.78		3.04		.61	.42		.38
Mean	1.34	1.83	1.39		2.59	2.25	5.55	1.89	0.72	0.53	0.45	0.38
Max.	5.13	3.37	3.00	4.15	5.34	3.18	11.17	4.82	0.94	0.60	0.81	0.62
Min.	0.37	0.61	0.71	0.72	1.25	1.43	1.29	0.97	0.57	0.42	0.36	0.34

WATER YEAR 1974 : Max. 11.17 m. Min. 0.34 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.12	6.54	19	20	77	45	22	106	9.76	5.20	3.20	2.60
2	3.70	6.68	21	18	56	31	18	79	9.48	5.08	3.10	2.60
3	3.50	6.82	53	16	32	22	15	33	9.34	4.96	3.10	2.60
4	3.00	11	47		62	18	23	25	9.20	4.84	3.20	2.60
5	2.70	27	31		94	19	32	29	9.06	4.84	3.10	2.60
6	2.70	17	22		69	28	43	82	8.78	4.72	3.10	2.50
7	3.70	15	20		73	44	48	61	8.36	4.72	3.00	2.50
8	4.24	11	25		123	40	136	34	8.08	4.60	3.40	2.50
9	3.60	8.50	23		119	36	241	29	7.94	4.72	3.50	2.50
10	11	6.68	28		48	44	377	25	7.80	4.72	3.30	2.40
11	12	5.32	43		29	31	401	28	7.52	4.72	3.30	2.60
12	41	7.10	24		23	18	380	32	7.24	4.72	3.40	2.60
13	30	13	18	6.68	21	23	379	26	6.96	4.72	7.94	2.50
14	18	14	15	7.52	24	41	366	22	6.82	4.72	7.38	2.40
15	12	15	15	8.50	20	57	330	19	6.68	4.72	4.72	2.40
16	63	15	12	16	17	49	260	17	6.40	4.72	4.00	2.40
17	116	39	11	15	16	35	133	16	6.28	4.60	3.60	2.40
18	59	46	10		15	27	78	20	6.16	4.60	3.40	2.60
19	22	57	9.20		26	32	134	25	6.04	4.48	3.30	2.90
20	15	42	8.08		30	55	198	24	5.92	4.48	3.20	3.00
21	10	50	7.80		27	38	273	19	5.68	4.72	3.20	2.80
22	9.34	57	7.24		22	51	323	16	5.44	4.36	3.30	2.50
23	7.24	31	6.54		23	53	285	14	5.32	4.12	3.10	2.50
24	7.10	40	7.24	31	21	34	140	13	5.20	3.90	3.00	2.40
25	12	46	9.34	20	20	29	48	12	5.08	3.80	2.90	2.40
26	25	61	10	18	33	31	36	12	4.96	3.70	2.80	4.48
27	46	52	10	15	50	37	32	12	4.84	3.60	2.70	5.44
28	18	38	9.76	14	44	36	27	11	5.08	3.40	2.60	4.72
29	11	55	9.62	15	43	30	30	11	5.32	3.30		3.70
30	7.94	39	11	31	73	24	30	10	5.44	3.30		3.20
31		24		84	74		54		5.32	3.20		2.80
Total	583.88	862.64	542.82		1,404	1,058	4,892	862	211.50	136.28	99.84	88.14
Mean	19.5	27.8	18.1		45.3	35.3	158	28.7	6.82	4.40	3.56	2.84
Max.	116	61	53	84	123	57	401	106	9.76	5.20	7.94	5.44
Min.	2.70	5.32	6.54	6.68	15	18	15	10	4.84	3.20	2.60	2.40
Runoff - MCM.	50.447	74.532	46.900		121.306	91.411	422.669	74.477	18.274	11.774	8.626	7.615

WATER YEAR 1974 : Max. 401 Min. 2.40 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.10	23.00	11.37	412				

PRACHIN RIVER BASIN

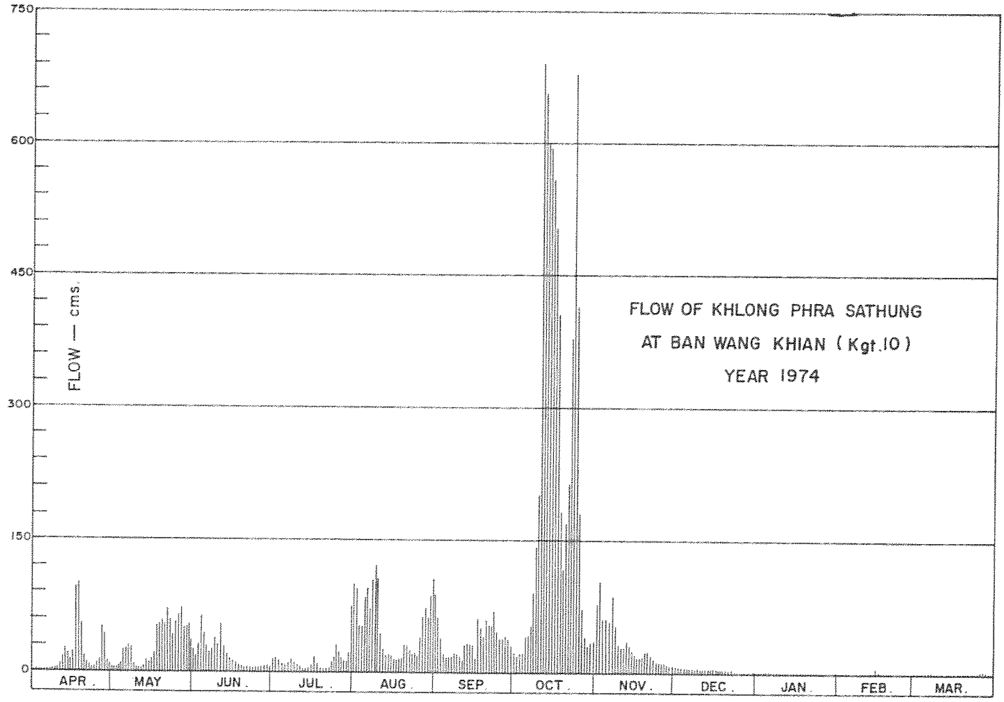
Khlong Phra Sathung at Ban Wang Khean, Prachin Buri (Kgt. 10)

Location:	Lat. 13°-48'-29" N., Long. 102°-03'-35" E., on left bank near Saha Charoen Saw Mill, Ban Wang Khian, Amphoe Sa Kaeo, Prachin Buri.
Drainage Area:	2,523 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 23.741 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	at the cocoa nut tree near the station office.
Elevation:	+ 34.652 m. (M.S.L.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on December - March, recording for April - November 1974.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5, 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 34.55 m. (M.S.L.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 27 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	25.07	25.58	26.90	26.42	31.39	31.10	27.15	30.78	25.89	25.32	25.09	25.01
2	.12	.48	.64	.59	.17	29.11	26.83	31.66	.86	.31	.09	.01
3	.07	.61	27.58	.48	28.95	27.78	.94	29.57	.82	.30	.08	.01
4	.05	.89	29.56	.15	.97	.09	27.04	.44	.78	.28	.07	.01
5	24.99	27.35	28.35	.04	30.58	26.77	28.16	.17	.75	.27	.07	.00
6	24.97	27.34	27.46	25.92	31.20	26.66	28.40	29.26	25.74	25.26	25.08	24.99
7	.96	.52	26.96	.98	29.94	.88	.50	30.84	.72	.25	.07	.99
8	25.17	.41	27.34	26.45	31.37	27.07	30.69	28.73	.71	.25	.06	.99
9	.12	25.96	28.18	.36	32.48	26.95	32.97	27.68	.70	.24	.06	.99
10	.25	.67	27.42	.05	31.86	.85	34.20	.36	.67	.23	.07	.98
11	25.79	25.46	29.12	25.75	28.49	26.56	35.84	27.49	25.63	25.23	25.08	24.98
12	26.62	.41	28.05	.61	27.26	27.75	.71	.96	.61	.23	.12	.98
13	28.28	.80	27.18	.50	26.77	.86	.56	.88	.58	.23	.14	.99
14	26.90	26.33	26.61	.54	.92	.80	.55	.41	.56	.23	.66	.97
15	.15	.11	.48	.57	.92	.03	.42	.01	.54	.24	.43	.98
16	26.88	26.44	26.28	25.92	26.62	26.61	35.22	26.73	25.52	25.24	25.23	25.03
17	31.02	.80	.11	26.72	.47	29.49	34.95	.67	.49	.24	.17	.02
18	.52	28.91	25.98	.03	.49	28.87	.12	.64	.48	.24	.11	.01
19	29.03	29.18	.83	25.67	.65	.22	32.65	27.14	.46	.24	.10	.00
20	26.65	.23	.70	.53	27.68	29.44	33.52	.20	.45	.24	.09	.02
21	26.08	28.92	25.62	25.43	27.64	29.24	34.24	26.99	25.43	25.22	25.09	25.02
22	25.77	30.00	.63	.57	.36	28.82	.86	.55	.41	.17	.08	.01
23	.64	29.05	.53	26.04	26.98	29.97	35.17	.36	.39	.18	.07	24.99
24	.51	28.19	.47	.46	27.12	.03	34.97	.24	.37	.17	.06	.99
25	26.02	29.25	.59	27.59	26.84	28.09	33.95	.16	.36	.16	.03	.99
26	26.10	29.60	25.60	27.15	28.04	28.16	30.16	26.08	25.36	25.16	25.03	24.99
27	28.80	30.20	.62	26.71	29.51	.11	28.26	.04	.35	.14	.02	25.40
28	.04	28.83	.80	.36	30.07	.37	27.68	25.99	.34	.14	.01	.32
29	26.28	.84	.74	.38	29.25	.15	.40	.94	.34	.14		.20
30	25.81	29.13	.66	27.16	30.83	27.31	.94	.91	.33	.11		.11
31		27.67		30.21	31.73		.94		.33	.11		.05
Mean	26.45	27.52	26.67	26.03	28.82	28.04	31.68	27.63	25.55	25.22	25.12	25.03
Max.	31.52	30.20	29.56	30.21	32.48	31.10	35.84	31.66	25.89	25.32	25.66	25.40
Min.	24.96	25.41	25.47	25.43	26.47	26.56	26.83	25.91	25.33	25.11	25.01	24.97

WATER YEAR 1974 : Max. 35.84 m. Min. 24.96 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.85	4.64	20	14	99	93	24	87	7.70	2.36	0.95	0.55
2	1.12	3.80	17	16	95	53	19	104	7.40	2.28	0.95	0.55
3	0.85	4.90	30	14	52	33	21	63	7.00	2.20	0.90	0.55
4	0.75	7.70	63	11	52	23	22	61	6.60	2.20	0.85	0.50
5	0.45	26	42	9.34	83	18	39	56	6.30	2.02	0.85	0.50
6	0.35	26	28	8.02	95	17	43	58	6.20	1.96	0.90	0.45
7	0.30	29	21	9.68	70	20	45	88	6.00	1.90	0.85	0.45
8	1.42	27	26	14	99	22	85	48	5.90	1.90	0.80	0.45
9	1.12	8.46	39	13	123	21	137	31	5.80	1.84	0.80	0.45
10	1.90	5.50	27	9.45	109	19	200	27	5.50	1.78	0.85	0.40
11	6.70	3.60	55	6.30	44	15	691	28	5.10	1.78	0.90	0.40
12	16	3.10	37	4.90	25	32	647	36	4.90	1.78	1.12	0.40
13	41	6.80	24	4.00	18	34	598	34	4.64	1.78	1.24	0.35
14	20	13	16	4.32	20	33	594	27	4.48	1.78	5.40	0.35
15	11	10	14	4.56	20	22	552	22	4.32	1.84	3.30	0.40
16	20	14	12	8.02	16	16	488	18	4.16	1.84	1.78	0.65
17	92	19	10	18	14	62	406	17	3.90	1.84	1.42	0.60
18	102	51	8.68	9.32	15	51	192	17	3.80	1.84	1.06	0.55
19	54	56	7.10	5.50	17	40	115	23	3.60	1.84	1.00	0.50
20	17	57	5.80	4.24	31	61	163	24	3.50	1.84	0.95	0.60
21	9.78	52	5.00	3.30	31	57	210	21	3.30	1.72	0.95	0.60
22	6.50	71	5.10	4.56	27	50	379	15	3.10	1.42	0.90	0.55
23	5.20	54	4.24	9.34	21	71	677	13	2.92	1.48	0.85	0.45
24	4.08	39	3.70	14	23	54	412	12	2.76	1.42	0.80	0.45
25	9.12	57	4.72	30	19	38	179	11	2.68	1.36	0.65	0.45
26	10	64	4.80	24	37	39	74	9.78	2.68	1.36	0.65	0.45
27	50	75	5.00	17	62	38	41	9.34	2.60	1.24	0.60	3.00
28	37	50	6.80	13	73	43	31	8.79	2.52	1.24	0.55	2.36
29	12	50	6.20	13	57	39	27	8.24	2.52	1.24		1.60
30	6.90	55	5.40	24	88	26	35	7.91	2.44	1.06		1.06
31		31		75	106		35		2.44	1.06		0.75
Total	539.39	974.50	553.54	414.85	1,641	1,142	7,181	985.06	136.76	53.08	32.82	21.37
Mean	18.0	31.4	18.4	13.4	52.9	38.1	232	32.8	4.41	1.71	1.17	0.69
Max.	102	75	63	75	123	93	691	104	7.70	2.36	5.40	3.00
Min.	0.30	3.10	3.70	3.30	14	15	19	7.91	2.44	1.06	0.55	0.35
Runoff - mcm.	46.603	84.197	47.826	35.843	141.782	98.669	620.438	85.109	11.816	4.586	2.836	1.846

WATER YEAR 1974 : Max. 691 Min. 0.30 Mean 37.5 Annual Runoff 1,181,552 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11	12.00	35.88	704				

PRACHIN RIVER BASIN

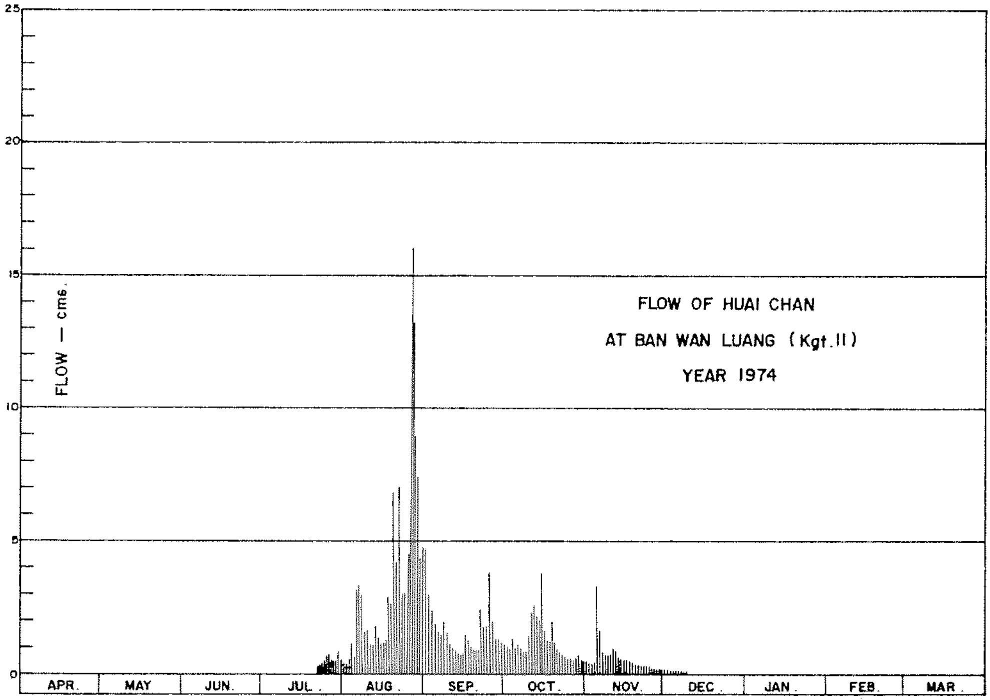
Huai Chan at Ban Wan Luang, Prachin Buri (Kgt.11)

Location:	Lat. 14°-10'-49" N., Long. 101°-49'-18" E., on left bank about 1.5 kilometers upstream from Ban Wan Luang, Tambon Thung Pho, Amphoe Kabin Buri, Prachin Buri.
Drainage Area:	34 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	infront of the ladder of automatic gage building.
Elevation:	+ 5.132 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1973 to date.
Rated by Float:	-
Rated by Current Meter:	1973 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 19 discharge measurements made in 1974.
Remarks:	Water level is below zero gage on April 1 - July 21, December 10 - March 31, 1975.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		Water level is below than Zero gage			0.54	2.12	0.93	0.59	0.40		Water level is below Zero gage	
2					.52	1.64	.89	.54	.39			
3					.61	.49	.83	.51	.39			
4					.95	.32	1.02	.51	.39			
5					.66	.18	0.83	1.71	.38			
6					1.67	1.09	0.96	1.08	0.38			
7					.74	.10	.89	0.82	.38			
8					.51	.30	.79	.77	.38			
9					.12	.19	.76	.74	.37			
10					.17	0.98	.94	.73				
11					0.93	0.91	1.30	0.87				
12					.91	.85	.52	.84				
13					1.22	.80	.38	.70				
14					.06	.75	.24	.66				
15					0.92	.76	.86	.62				
16					0.93	1.08	1.20	0.60				
17					1.00	.03	.05	.64				
18					.61	0.93	0.98	.58				
19					.51	.86	1.30	.55				
20					2.61	.82	0.98	.53				
21					1.93	0.81	0.86	0.51				
22				0.49	2.67	1.45	.79	.50				
23				.52	1.64	.21	.75	.49				
24				.60	.63	.20	.71	.48				
25				.63	.86	.86	.67	.49				
26				0.75	2.11	1.40	0.64	0.46				
27				.65	4.30	.25	.62	.44				
28				.60	3.31	.02	.67	.42				
29				.62	2.58	.01	.74	.41				
30				.81	1.92	0.95	.67	.41				
31				.62	2.13		.63					
Mean					1.59	1.14	0.95	0.64				
Max.					4.30	2.12	1.86	1.71				
Min.					0.52	0.75	0.62	0.41				

WATER YEAR : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1					0.41	4.73	1.11	0.48	0.20			
2					0.38	3.04	1.03	0.41	0.19			
3					0.51	2.57	0.91	0.36	0.19			
4					1.15	2.06	1.30	0.36	0.19			
5					0.59	1.70	0.91	3.28	0.18			
6					3.14	1.47	1.17	1.45	0.18			
7					3.39	1.50	1.03	0.89	0.18			
8					2.63	2.00	0.83	0.79	0.18			
9					1.55	1.72	0.77	0.73	0.17			
10					1.67	1.21	1.13	0.71				
11					1.11	1.07	2.00	0.99				
12					1.07	0.95	2.66	0.93				
13					1.80	0.85	2.24	0.65				
14					1.40	0.75	1.85	0.59				
15					1.09	0.77	3.81	0.53				
16					1.11	1.45	1.75	0.50				
17					1.25	1.32	1.37	0.56				
18					2.93	1.11	1.21	0.47				
19					2.63	0.97	2.00	0.42				
20					6.74	0.89	1.21	0.39				
21					4.05	0.87	0.97	0.36				
22				0.33	7.01	2.45	0.83	0.35				
23				0.38	3.04	1.77	0.75	0.33				
24				0.50	3.00	1.75	0.67	0.32				
25				0.54	3.81	3.81	0.60	0.33				
26				0.75	4.69	2.30	0.56	0.29				
27				0.57	16	1.87	0.53	0.26				
28				0.50	10	1.30	0.60	0.23				
29				0.53	6.61	1.27	0.73	0.21				
30				00.87	4.02	1.15	0.60	0.21				
31				0.53	4.77		0.54					
Total					103.55	50.67	37.67	18.38				
Mean					3.34	1.70	1.21	0.61				
Max.					16	4.73	3.81	3.28				
Min.					0.38	0.75	0.53	0.21				
Runoff - mcm.					8.947	4.378	3.255	1.588				

WATER YEAR 1974 : Max. 16 Min. 0.17 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.27	02.00	4.98	20				

PRACHIN RIVER BASIN

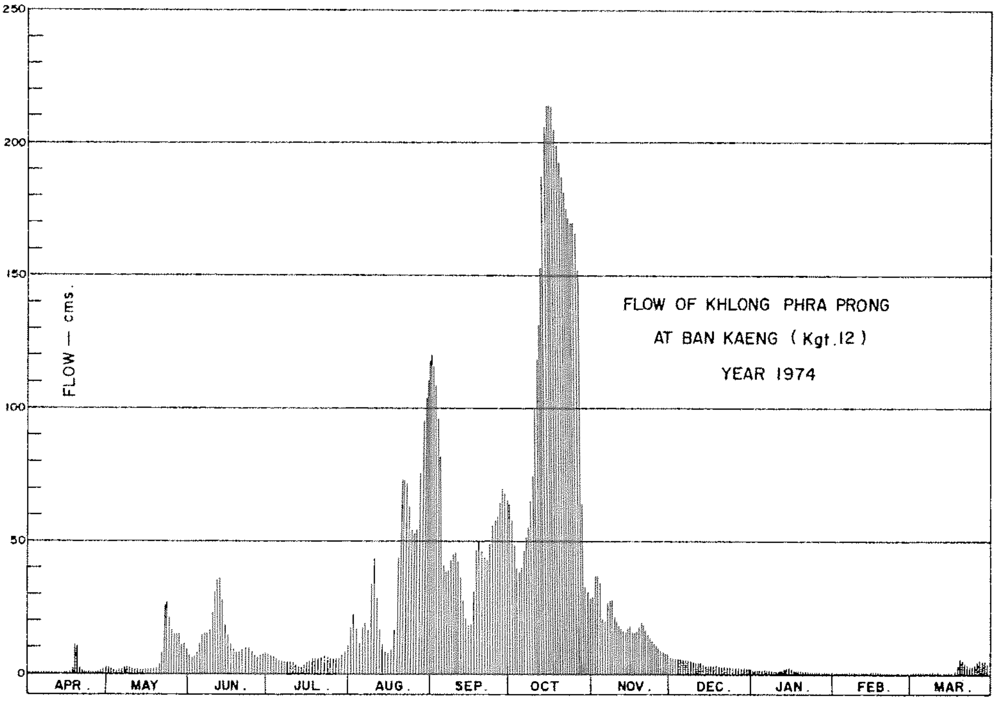
Khlong Phra Prong at Ban Kaeng, Prachin Buri (Kgt.12)

Location:	Lat. 13°–56'–02" N., Long. 101°–58'–41" E., on left bank near Ban Kaeng railway station about 200 meters upstream from Thot Saphon Sawmill, Amphoe Sa Kaen, Prachin Buri.
Drainage Area:	1,540 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. – H.S.
Location:	near the gage site.
Elevation:	+ 9.687 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	–
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 9.04 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 20 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.48	0.96	1.49	1.57	2.33	6.39	4.43	2.98	1.48	0.83	0.61	0.50
2	.47	.87	.40	.58	.66	.27	.09	3.36	.45	.81	.60	.49
3	.46	.80	.45	.48	.46	5.77	3.59	.35	.42	.80	.59	.48
4	.47	.77	.68	.34	1.83	.01	.36	2.67	.41	.78	.58	.48
5	.45	.81	2.07	.24	2.03	4.09	.43	.43	.37	.77	.58	.48
6	0.43	0.84	2.15	1.20	2.45	3.42	3.69	2.45	1.38	0.77	0.57	0.48
7	.42	.90	.18	.23	.36	.45	.99	.85	.33	.76	.56	.46
8	.42	.96	.19	.24	.29	.57	4.27	.94	.28	.75	.56	.45
9	.41	.94	.47	.21	3.09	.65	.82	.65	.26	.74	.56	.45
10	.41	.83	.92	.20	.68	.75	5.70	.47	.23	.73	.55	.49
11	0.41	0.74	3.25	1.17	3.33	3.60	6.59	2.35	1.24	0.74	0.58	0.49
12	.41	.68	.36	.08	2.34	.21	8.30	.25	.22	.76	.59	.47
13	.41	.64	.06	0.95	1.81	2.81	.99	.19	.19	.79	.62	.49
14	.40	.72	2.66	.92	.60	.49	9.14	.21	.14	.87	.61	.61
15	.41	.80	.24	1.01	.60	.33	.13	.31	.13	.87	.62	.57
16	0.50	0.78	1.94	1.15	1.60	2.37	9.02	2.22	1.11	0.84	0.62	0.58
17	.76	.72	.78	.36	.81	.99	8.87	.20	.10	.83	.68	.63
18	1.82	.79	.70	.41	2.39	3.79	.71	.26	.10	.79	.67	.85
19	.82	.99	.58	.39	3.44	.90	.57	.38	.08	.76	.64	1.32
20	0.81	1.20	.57	.39	4.27	.73	.35	.47	.06	.74	.59	.33
21	0.69	1.48	1.70	1.39	4.79	3.71	8.14	2.35	1.06	0.73	0.58	1.21
22	.65	2.46	.78	.44	.79	.62	7.98	.20	.02	.73	.56	.11
23	.60	.83	.80	.45	.59	.84	.92	.07	.00	.71	.55	0.99
24	.57	.49	.72	.38	.28	4.17	.91	1.97	0.98	.70	.53	.92
25	.54	.21	.59	.34	.05	.19	.80	.85	.99	.68	.53	1.02
26	0.55	2.14	1.44	1.40	4.04	4.25	7.26	1.78	0.97	0.67	0.52	1.20
27	.56	.18	.35	.42	.39	.52	5.69	.71	.92	.66	.52	.32
28	.72	.13	.48	.37	5.08	.67	3.82	.64	.90	.65	.51	.27
29	.81	1.82	.59	.50	.59	.62	.21	.58	.89	.64		.19
30	.95	.85	.56	.69	.92	.55	.12	.52	.88	.64		.13
31		.69		.78	6.25		2.94		.85	.65		.10
Mean	0.63	1.29	1.97	1.33	3.33	3.96	6.22	2.32	1.18	0.75	0.58	0.79
Max.	1.82	2.83	3.36	1.78	6.25	6.39	9.14	3.36	1.48	0.87	0.68	1.33
Min.	0.40	0.64	1.35	0.92	1.60	2.33	2.94	1.52	0.85	0.64	0.51	0.45

WATER YEAR 1974 : Max. 9.14 m. Min. 0.40 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.32	2.76	6.90	7.70	17	119	63	29	6.80	1.92	0.84	0.40
2	0.28	2.22	6.00	7.80	23	116	54	36	6.50	1.86	0.80	0.36
3	0.24	1.80	6.50	6.80	19	101	42	36	6.20	1.80	0.76	0.32
4	0.28	1.62	8.80	5.52	10	78	36	23	6.10	1.68	0.72	0.32
5	0.20	1.86	14	4.72	13	54	38	19	5.76	1.62	0.72	0.32
6	0.12	2.04	15	4.40	19	38	44	19	5.84	1.62	0.68	0.32
7	0.08	2.40	15	4.64	18	38	51	26	5.44	1.56	0.64	0.24
8	0.08	2.76	15	4.72	17	41	59	28	5.04	1.50	0.64	0.20
9	0.04	2.64	19	4.48	30	43	73	23	4.88	1.44	0.64	0.20
10	0.04	1.98	27	4.40	44	46	99	19	4.64	1.38	0.60	0.36
11	0.04	1.44	34	4.16	36	42	126	18	4.72	1.44	0.76	0.36
12	0.04	1.12	36	3.48	18	33	183	16	4.56	1.56	0.80	0.28
13	0.04	0.96	30	2.70	10	25	208	15	4.32	1.74	0.88	0.36
14	0.00	1.32	23	2.52	8.00	20	214	16	3.92	2.22	0.84	0.84
15	0.04	1.80	16	3.06	8.00	17	213	17	3.84	2.22	0.88	0.68
16	0.40	1.68	12	4.00	8.00	118	209	16	3.68	2.04	0.92	0.72
17	1.56	1.32	9.96	5.68	10	29	204	16	3.60	1.98	1.12	0.92
18	10	1.74	9.00	6.10	18	46	197	16	3.60	1.74	1.08	2.10
19	10	2.94	7.80	5.92	38	49	192	18	3.48	1.56	0.96	5.36
20	1.86	4.40	7.70	5.92	59	45	185	19	3.36	1.44	0.76	5.44
21	1.16	6.80	9.00	5.92	72	45	177	18	3.36	1.38	0.72	4.48
22	1.00	19	9.96	6.40	71	42	172	16	3.12	1.38	0.64	3.68
23	0.80	26	10	6.50	67	48	170	14	3.00	1.26	0.60	2.94
24	0.68	20	9.24	5.84	59	56	169	12	2.88	1.20	0.52	2.52
25	0.56	16	7.90	5.52	53	56	166	11	2.94	1.12	0.52	3.12
26	0.60	15	6.40	6.00	53	58	147	9.96	2.82	1.08	0.48	4.40
27	0.64	15	5.60	6.20	62	65	98	9.12	2.52	1.04	0.48	5.36
28	1.32	15	6.80	5.76	80	69	47	8.40	2.40	1.00	0.44	4.96
29	1.86	10	7.90	7.00	95	68	33	7.80	2.34	0.96		4.32
30	2.70	11	7.60	8.90	105	66	31	7.20	2.28	0.96		3.84
31		8.90		9.96	115		28		2.10	1.00		3.60
Total	36.98	203.50	399.06	172.72	1,255	1,571	3,728	538.48	126.04	46.70	20.44	63.32
Mean	1.23	6.56	13.3	5.57	40.5	52.4	120	17.9	4.07	1.51	0.73	2.04
Max.	10	26	36	9.96	115	119	214	36	6.80	2.22	1.12	5.44
Min.	0.00	0.96	5.60	2.52	8.00	17	28	7.20	2.10	0.96	0.44	0.20
Runoff - mcm.	3.195	17.582	34.479	14.923	108.432	135.734	322.099	46.525	10.890	4.035	1.776	5.471

WATER YEAR 1974 : Max. 214 Min. 0.00 Mean 22.4 Annual Runoff 705.131 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 15	09.00	9.15	214				

PRACHIN RIVER BASIN

Khlong Phra Prong at Highway Bridge, Prachin Buri (Kgt.13)

Location: Lat. 13^{0}-58'-57" N., Long. 101^{0}-42'-46" E., on left bank about 40 meters upstream from the highway bridge at Ban Wang Leng, Amphoe Kabin Buri, Prachin Buri.

Drainage Area: 5,347 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.155 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on left bank near the gage site.
Elevation: + 10.712 m. (M.S.L.)

Gage Reading Frequency: 3-5 time daily readings at 06.00, 12.00, 18.00 hours on April - May, December - March, and 06.00, 09.00, 12.00, 15.00, 18.00 hours on June - November.

Basis of Mean Daily Gage Height: Arithmetic mean of 3, 5 readings.

Period of Available Gage Records: 1967 to date.

Rating Operation:

Period of Rating: 1967-1968, 1971 to date.
Rated by Float: -
Rated by Current Meter: 1967-1968, 1971 to date.

Stability of Channel Regimes: Fairly stable because of backwater effect, no shifting adjustment but periodic curves are used for flow computation.

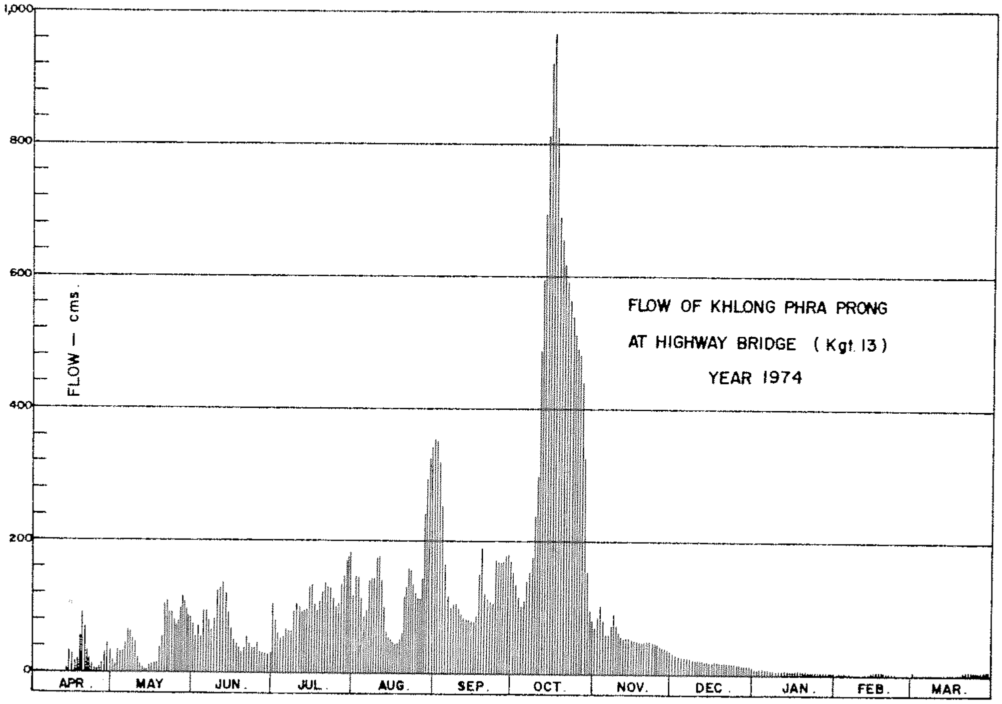
Overbank Flow Conditions: Overbank flow starts at elevation + 10.35 m. - and is included.

General Description: Records fair. Stage-discharge relation defined by 14 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.58	2.40	3.90	4.97	5.24	9.51	5.91	5.39	2.81	2.01	1.46	1.82
2	.49	.16	.36	.36	.78	.49	.54	.95	.77	1.99	.62	.48
3	.46	.99	4.11	3.83	.76	.16	.15	6.41	.71	.96	.61	.46
4	.46	.92	3.61	.60	.08	8.41	4.87	5.84	.69	.96	.60	.46
5	.46	3.01	4.70	.68	4.50	7.44	5.02	4.92	.66	.94	.59	.46
6	1.43	3.42	4.75	3.97	4.89	6.41	5.41	4.75	2.63	1.91	1.58	1.45
7	.38	.93	.37	.88	5.62	5.71	.88	5.30	.59	.88	.57	.45
8	.35	.69	.01	.95	.76	.95	6.25	6.08	.54	.88	.57	.46
9	.35	.57	.33	4.62	.75	.97	7.18	5.64	.52	.86	.57	.48
10	.40	.41	5.33	5.01	6.28	.76	8.90	4.95	.49	.86	.56	.45
11	1.46	2.14	5.45	4.88	6.34	5.46	10.06	4.60	2.45	1.88	1.58	1.44
12	.51	1.95	.60	.65	5.29	.07	.54	.51	.44	.86	.59	.45
13	.79	.81	.39	.75	4.31	4.89	.87	.60	.40	.85	.59	.43
14	2.83	.76	4.79	.81	3.72	.86	11.13	.55	.36	.86	.61	.42
15	.84	2.10	.14	5.37	.54	.63	.30	.33	.34	.85	.64	.45
16	2.37	2.20	3.68	5.56	3.48	4.37	11.35	4.12	2.33	1.84	1.86	1.48
17	.35	.19	.49	.03	.40	.60	.25	3.95	.31	.85	.79	.47
18	3.43	.31	.28	4.69	.91	5.87	.04	.88	.30	.85	.70	.48
19	4.68	3.17	2.94	5.04	5.03	6.54	10.96	.87	.29	.85	.65	.49
20	.16	.70	3.15	.31	6.02	5.29	.87	.98	.25	.79	.62	.80
21	2.94	4.96	3.67	5.60	6.93	5.13	10.80	4.04	2.22	1.77	1.60	1.88
22	.32	5.05	.41	.43	7.49	.08	.72	3.86	.22	.77	.56	.87
23	.03	4.61	.18	.43	.48	4.98	.62	3.58	.22	.76	.55	.81
24	1.88	.73	.18	.20	.09	6.23	.51	.46	.21	.76	.53	.82
25	.78	.14	.44	4.93	6.81	.22	.41	.32	.16	.74	.53	.67
26	1.95	4.33	3.03	4.87	6.61	6.13	10.34	3.19	2.14	1.73	1.52	1.66
27	2.27	.85	2.93	5.46	7.13	.18	.09	.11	.12	.71	.50	.75
28	.93	5.20	.88	.69	8.42	.35	9.00	.11	.08	.69	.50	.84
29	3.38	4.83	.80	6.05	.96	.39	7.44	2.96	.05	.66		.93
30	2.78	.52	.86	.34	9.22	.23	6.28	.88	.02	.65		.88
31		.55		.49	.39		5.64		.01	.64		.78
Mean	2.20	3.44	3.86	4.95	5.97	6.14	8.75	4.37	2.36	1.83	1.59	1.60
Max.	4.68	5.20	5.60	6.49	9.39	9.51	11.35	6.41	2.81	2.01	1.86	1.93
Min.	1.35	1.76	2.80	3.60	3.40	4.37	4.87	2.88	2.01	1.64	1.46	1.42

WATER YEAR 1974 : Max. 11.35 m. Min. 1.35 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.80	18	62	105	118	353	152	67	28	10	2.60	6.94
2	2.90	13	44	79	145	351	133	83	27	10	4.20	2.80
3	2.60	33	70	60	144	315	114	100	25	9.32	4.10	2.60
4	2.60	31	52	52	110	239	100	79	25	9.32	4.00	2.60
5	2.60	34	92	55	84	168	107	57	24	8.98	3.90	2.60
6	2.30	46	95	65	101	121	127	55	23	8.47	3.80	2.50
7	1.80	63	79	62	137	98	150	65	22	7.96	3.70	2.50
8	1.50	55	66	64	144	105	172	87	21	7.96	3.70	2.60
9	1.50	51	78	89	143	106	232	74	20	7.62	3.70	2.80
10	2.00	46	123	107	174	100	375	58	20	7.62	3.60	2.50
11	2.60	13	129	101	177	92	508	53	19	7.96	3.80	2.40
12	3.10	9.15	136	90	121	84	592	52	19	7.62	3.90	2.50
13	6.44	6.77	126	95	77	82	689	53	18	7.45	3.90	2.30
14	29	5.96	96	97	55	81	811	52	17	7.62	4.10	2.20
15	29	12	71	125	50	79	920	50	17	7.45	4.40	2.50
16	17	14	55	134	48	79	965	46	17	7.28	7.62	2.80
17	17	14	48	108	45	88	822	48	16	7.45	6.44	2.70
18	46	16	42	92	47	150	685	47	16	7.45	6.44	2.70
19	91	39	32	108	59	189	649	47	16	7.45	4.50	2.90
20	72	55	38	122	85	121	614	46	15	6.44	4.20	6.60
21	32	105	54	136	124	113	589	48	14	6.12	4.00	7.96
22	16	109	46	128	157	110	564	47	14	6.12	3.60	7.79
23	11	89	39	128	157	106	536	46	14	5.96	3.50	6.77
24	7.96	94	39	116	133	171	508	46	14	5.96	3.30	6.94
25	6.28	71	47	103	118	170	487	43	13	5.64	3.30	4.70
26	9.15	78	34	100	109	165	474	39	13	5.48	3.20	4.60
27	15	99	31	129	135	168	431	37	12	5.16	3.00	5.80
28	31	116	30	140	235	178	295	37	12	4.90	3.00	7.28
29	45	98	28	160	291	180	154	32	11	4.60		8.81
30	27	85	29	177	319	171	95	30	10	4.50		7.96
31		86		186	339		74		10	4.40		6.28
Total	537.13	1.604.88	1.911	3,313	4,181	4,533	13,124	1,628	542	220.26	112.06	135.03
Mean	17.9	51.8	63.7	107	135	151	423	54.3	17.5	7.10	4.00	4.35
Max.	91	116	136	186	339	353	965	100	28	10	7.62	8.81
Min.	1.50	5.96	28	52	45	79	100	30	10	4.40	2.60	2.20
Runoff - mcm.	46.408	138.662	165.110	286.243	361.238	391.651	1,133.914	140.659	46.829	19.030	9.682	11.666

WATER YEAR 1974 : Max. 965 Min. 1.50 Mean 87.2 Annual Runoff 2,751.093 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.16	06.00	11.36	966				

PRACHIN RIVER BASIN

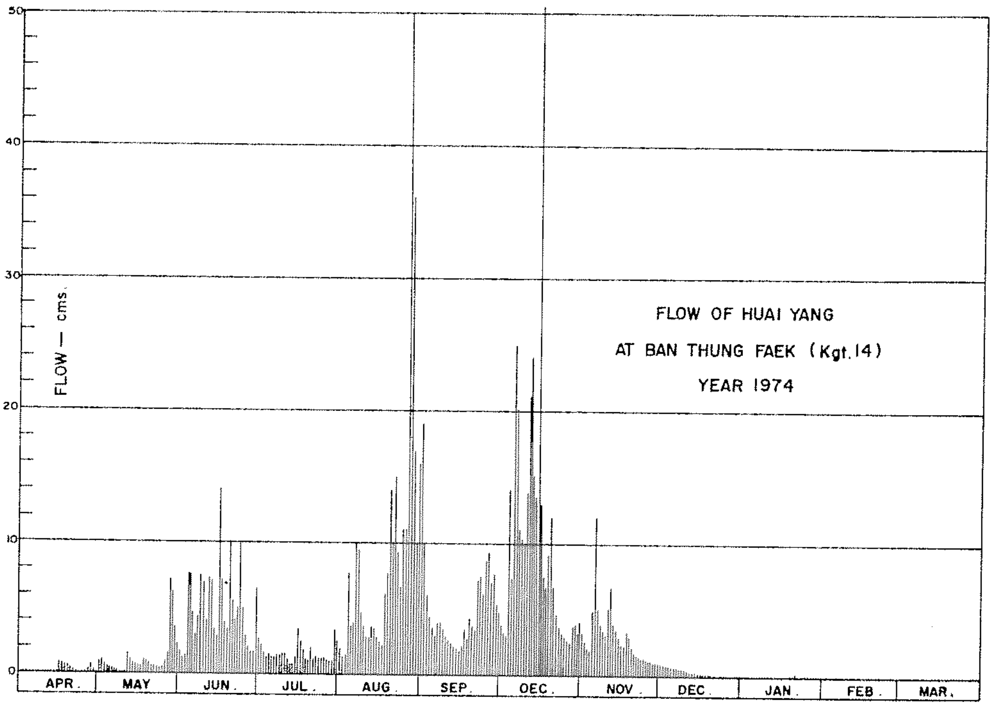
Huai Yang at Ban Thung Faek, Prachin Buri (Kgt.14)

Location:	Lat. 14°-09'-30" N., Long. 101°-52'-52" E., on left bankat Ban Thung Faek 2 kilometers, on left side of Kabin Buri - Nakhon Ratchasima highway, Amphoe Kabin Buri, Prachin Buri.
Drainage Area:	366 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 34.61 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 44.428 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 23 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	34.74	35.07	35.15	35.26	35.19	36.18	35.39	35.29	35.06	34.89	34.82	34.77
2	.74	.09	.09	.22	.12	35.70	.33	.22	.05	.88	.81	.77
3	.72	.03	.14	.15	.14	.52	.30	.19	.04	.87	.81	.76
4	.71	.00	.61	.11	.62	.42	.95	.17	.04	.88	.80	.76
5	.71	34.99	.61	.14	.37	.36	.56	.45	.03	.88	.80	.76
6	34.70	34.97	35.42	35.10	36.38	35.30	36.38	35.87	35.02	34.87	34.80	34.76
7	.69	.97	.29	.12	35.75	.39	.11	.48	.02	.89	.79	.76
8	.69	.94	.42	.14	.72	.40	35.81	.37	.01	.88	.79	.76
9	.70	.91	.61	.12	.44	.34	.76	.35	.00	.88	.79	.76
10	.71	.89	.56	.13	.33	.30	.77	.30	34.99	.88	.79	.77
11	34.73	34.90	35.38	35.15	35.30	35.27	35.90	35.46	34.98	34.88	34.79	34.79
12	.77	35.14	.59	.07	.29	.25	36.37	.55	.97	.90	.79	.78
13	.83	.09	.58	.03	.37	.21	.10	.39	.97	.91	.78	.77
14	.87	.05	.32	.02	.35	.19	35.87	.33	.96	.91	.78	.77
15	.89	.02	.26	.11	.30	.17	37.18	.27	.95	.90	.78	.77
16	35.04	35.00	35.93	35.34	35.27	35.18	35.88	35.23	34.95	34.88	34.79	34.77
17	.03	34.98	.59	.25	.20	.35	.61	.21	.94	.88	.81	.76
18	.02	35.09	.39	.15	.52	.29	.55	.34	.94	.88	.80	.76
19	.00	.07	.34	.10	.62	.42	.70	.24	.93	.90	.79	.75
20	34.97	.05	.76	.07	.93	.37	.86	.18	.93	.93	.78	.75
21	34.92	35.01	35.48	35.19	35.77	35.33	35.54	35.15	34.92	34.94	34.78	34.74
22	.88	.01	.35	.09	36.01	.58	.43	.14	.92	.91	.78	.74
23	.86	34.98	.43	.12	35.71	.61	.37	.13	.92	.89	.78	.74
24	.84	.97	.76	.11	.56	.52	.33	.13	.91	.87	.78	.75
25	.84	.99	.37	.11	.79	.67	.30	.12	.91	.86	.78	.76
26	34.86	35.06	35.25	35.12	35.81	35.71	35.26	35.11	34.90	34.85	34.77	34.75
27	.95	.13	.19	.10	37.15	.57	.25	.09	.89	.84	.77	.75
28	35.01	.57	.16	.07	36.75	.61	.38	.08	.89	.83	.77	.78
29	34.95	.53	.15	.08	.08	.48	.40	.07	.90	.82	-	.78
30	.91	.36	.54	.34	35.74	.47	.32	.07	.89	.83	-	.77
31		.23		.28	36.04		.39		.89	.82	-	.77
Mean	34.84	35.07	35.42	35.14	35.66	35.44	35.69	35.27	34.96	34.88	34.79	34.76
Max.	35.04	35.14	35.93	35.34	37.15	36.18	37.18	35.87	35.06	34.94	34.82	34.79
Min.	34.69	34.89	35.09	35.02	35.12	35.17	35.25	35.07	34.89	34.82	34.77	34.74

WATER YEAR 1974 : Max. 37.18 m. Min. 34.69 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.00	1.02	1.65	2.64	2.01	19	3.90	2.91	0.96	0.09	0.02	0.00
2	0.00	1.14	1.14	2.28	1.38	9.10	3.30	2.28	0.90	0.08	0.01	0.00
3	0.00	0.78	1.56	1.65	1.56	6.04	3.00	2.01	0.84	0.07	0.01	0.00
4	0.00	0.60	7.57	1.29	7.74	4.34	14	1.83	0.84	0.08	0.00	0.00
5	0.00	0.55	7.57	1.56	3.70	3.60	6.72	4.85	0.78	0.08	0.00	0.00
6	0.00	0.45	4.34	1.20	3.80	3.00	25	12	0.72	0.07	0.00	0.00
7	0.00	0.45	2.91	1.38	10	3.90	18	5.36	0.72	0.09	0.00	0.00
8	0.00	0.30	4.34	1.56	9.48	4.00	11	3.70	0.66	0.08	0.00	0.00
9	0.00	0.15	7.57	1.38	4.68	3.40	10	3.50	0.60	0.08	0.00	0.00
10	0.00	0.09	6.72	1.47	3.30	3.00	10	3.00	0.55	0.08	0.00	0.00
11	0.00	0.10	3.80	1.65	3.00	2.73	13	5.02	0.50	0.08	0.00	0.00
12	0.00	1.56	7.23	1.02	2.91	2.55	24	6.55	0.45	0.10	0.00	0.00
13	0.03	1.14	7.06	0.78	3.70	2.19	17	3.90	0.45	0.15	0.00	0.00
14	0.07	0.90	3.20	0.72	3.50	2.01	12	3.30	0.40	0.15	0.00	0.00
15	0.09	0.72	2.64	1.29	3.00	1.83	51	2.73	0.35	0.10	0.00	0.00
16	0.84	0.60	14	3.40	2.73	1.92	13	2.37	0.35	0.08	0.00	0.00
17	0.78	0.50	7.23	2.55	2.10	3.50	7.57	2.19	0.30	0.08	0.00	0.00
18	0.72	1.14	3.90	1.65	6.04	2.91	6.55	3.40	0.30	0.08	0.00	0.00
19	0.60	1.02	3.40	1.20	7.74	4.34	9.10	2.46	0.26	0.10	0.00	0.00
20	0.45	0.90	10	1.02	14	3.70	12	1.92	0.25	0.25	0.00	0.00
21	0.20	0.66	5.36	2.01	10	3.50	6.38	1.65	0.20	0.30	0.00	0.00
22	0.08	0.66	3.50	1.14	15	7.06	4.51	1.56	0.20	0.15	0.00	0.00
23	0.06	0.50	4.51	1.38	9.29	7.57	3.70	1.47	0.20	0.09	0.00	0.00
24	0.04	0.45	10	1.29	6.72	6.04	3.30	1.47	0.15	0.07	0.00	0.00
25	0.04	0.55	3.70	1.29	11	8.59	3.00	1.38	0.15	0.06	0.00	0.00
26	0.06	0.96	2.55	1.38	11	9.29	2.64	1.29	0.10	0.05	0.00	0.00
27	0.35	1.47	2.01	1.20	50	6.89	2.55	1.14	0.09	0.04	0.00	0.00
28	0.66	6.89	1.74	1.02	36	7.57	3.80	1.08	0.09	0.03	0.00	0.00
29	0.35	6.21	1.65	1.08	17	5.36	4.00	1.02	0.10	0.02		0.00
30	0.15	3.60	6.38	3.40	10	5.19	3.20	1.02	0.09	0.03		0.00
31		2.37		2.82	16		3.90		0.09	0.02		0.00
Total	5.57	38.43	149.47	49.70	288.38	154.12	311.12	88.36	12.63	2.83	0.05	0.00
Mean	0.18	1.24	4.98	1.60	9.30	5.15	10.04	2.98	0.41	0.09	0.01	0.00
Max.	0.84	6.89	14	3.40	50	19	51	12	0.96	0.30	0.02	0.00
Min.	0.00	0.09	1.14	0.72	1.38	1.83	2.55	1.02	0.09	0.02	0.00	0.00
Runoff - mcm.	0.481	3.320	12.914	4.294	24.916	13.316	26.881	7.634	1.091	0.244	0.004	0.000

WATER YEAR 1974 : Max. 51 Min. 0.00 Mean 3.02 Annual Runoff 95,095 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.27	10.00	37.45	61				

PRACHIN RIVER BASIN

Huai Samong at Ban Kaeng DinSo, PrachinBuri (Kgt.15A)

Location: Lat. 14°-03'-46" N., Long. 101°-55'-39" E., on right bank at Ban Kaeng Din So upstream from the Kgt. 15 station about 15 kilometers, Amphoe Kabin Buri, Prachin Buri.

Drainage Area: 530 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: infront of Kgt. 15A station office near the rain gage.
Elevation: + 9.615 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1968 to date.

Rating Operation:

Period of Rating: 1968 to date.
Rated by Float: -
Rated by Current Meter: 1968 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

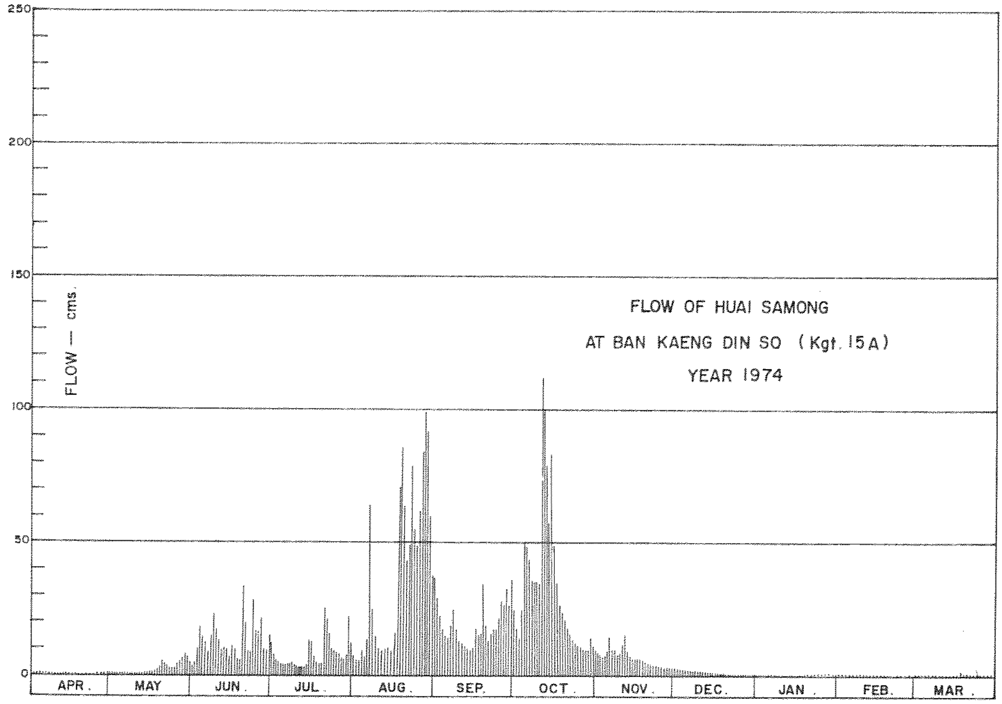
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 126 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.58	0.75	1.05	1.58	1.30	2.50	1.91	1.48	1.01	0.75	0.65	0.60
2	.58	.74	.03	.29	.22	.14	.75	.39	.00	.75	.64	.60
3	.58	.77	.47	.19	.17	1.96	.69	.33	0.99	.74	.64	.59
4	.57	.74	.86	.13	.41	.82	2.45	.29	.98	.73	.63	.59
5	.56	.70	.69	.09	.25	.73	.92	.37	.97	.73	.66	.59
6	0.55	0.69	1.63	1.07	1.60	1.69	2.86	1.68	0.96	0.73	0.68	0.59
7	.54	.66	.37	.10	3.29	.94	.59	.46	.96	.73	.67	.58
8	.53	.65	.61	.15	2.27	2.11	.46	.46	.95	.73	.66	.58
9	.55	.64	2.05	.10	1.77	1.77	.48	.37	.93	.73	.65	.58
10	.57	.63	1.90	.06	.53	.64	.38	.37	.92	.73	.65	.59
11	0.57	0.62	1.63	1.04	1.41	1.56	3.11	1.50	0.91	0.73	0.66	0.63
12	.57	.61	.41	.01	.42	.55	4.35	.73	.90	.74	.67	.63
13	.57	.66	.45	0.98	.48	.53	3.73	.43	.89	.75	.68	.61
14	.57	.66	.49	1.00	.50	.44	2.91	.32	.88	.76	.70	.63
15	.58	.67	.26	.63	.41	.46	3.74	.27	.87	.74	.68	.63
16	0.60	0.76	1.50	1.62	1.40	1.63	2.95	1.24	0.86	0.74	0.66	0.62
17	.59	.78	.46	.27	.91	.83	.41	.27	.85	.73	.65	.63
18	.59	.80	.24	.15	3.30	.67	.19	.28	.85	.72	.65	.88
19	.59	.85	.14	.09	.82	2.42	.10	.22	.83	.71	.64	.79
20	.58	.93	2.38	.10	.19	1.83	.02	.17	.82	.71	.63	.71
21	0.57	1.22	2.02	2.15	2.66	1.64	1.87	1.15	0.81	0.70	0.62	0.67
22	.57	.10	1.46	1.94	.82	.73	.75	.15	.80	.70	.62	.64
23	.56	.03	.36	.51	3.66	.86	.67	.12	.80	.69	.61	.62
24	.56	0.94	2.22	.48	2.95	.80	.61	.10	.79	.69	.61	.62
25	.58	.91	1.77	.40	.85	.96	.56	.08	.78	.68	.61	.61
26	0.64	0.93	1.74	1.41	3.11	2.21	1.51	1.07	0.78	0.67	0.60	0.62
27	.64	1.14	.98	.29	.71	.15	.47	.05	.77	.67	.60	.64
28	.64	.18	.49	.21	4.10	.39	.45	.03	.77	.66	.60	.66
29	.65	.29	.38	.30	3.92	.11	.48	.03	.76	.65		.64
30	.70	.36	.73	2.00	.13	.50	.69	.01	.76	.65		.62
31		.20		1.50	2.52		.54		.75	.65		.61
Mean	0.58	0.86	1.59	1.32	2.36	1.88	2.28	1.28	0.87	0.71	0.64	0.63
Max.	0.70	1.36	2.38	2.15	4.10	2.50	4.35	1.73	1.01	0.76	0.70	0.88
Min.	0.53	0.61	1.03	0.98	1.17	1.44	1.45	1.01	0.75	0.65	0.60	0.58

WATER YEAR 1974 : Max. 4.35 m. Min. 0.53 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1,1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.16	0.95	3.80	12	7.20	36	20	10	3.32	0.95	0.40	0.20
2	0.16	0.88	3.56	7.04	5.92	26	16	8.73	3.20	0.95	0.36	0.20
3	0.16	1.09	10	5.48	5.24	21	14	7.71	3.10	0.88	0.36	0.18
4	0.14	0.88	18	4.76	9.07	17	35	7.04	3.00	0.81	0.32	0.18
5	0.12	0.60	14	4.28	6.40	15	50	8.39	2.90	0.81	0.44	0.18
6	0.10	0.56	13	4.04	12	14	48	14	2.80	0.81	0.52	0.18
7	0.080	0.44	8.39	4.40	64	20	39	9.92	2.80	0.81	0.48	0.16
8	0.060	0.40	13	5.00	29	25	35	9.92	2.70	0.81	0.44	0.16
9	0.10	0.36	23	4.40	16	16	36	8.39	2.50	0.81	0.40	0.16
10	0.14	0.32	19	3.92	11	13	33	8.39	2.40	0.81	0.40	0.18
11	0.14	0.28	13	3.68	9.07	12	57	11	2.30	0.81	0.44	0.32
12	0.14	0.24	9.07	3.32	9.24	11	112	15	2.20	0.88	0.48	0.32
13	0.14	0.44	9.75	3.00	10	11	82	9.41	2.11	0.95	0.52	0.24
14	0.14	0.44	10	3.20	11	9.58	50	7.54	2.02	1.02	0.60	0.32
15	0.16	0.48	6.56	13	9.07	9.92	83	6.72	1.93	0.88	0.52	0.32
16	0.20	1.02	11	13	8.90	13	52	6.24	1.84	0.88	0.44	0.28
17	0.18	1.16	9.92	6.72	20	18	33	6.72	1.75	0.81	0.40	0.32
18	0.18	1.30	6.24	5.00	65	14	27	6.88	1.75	0.74	0.40	2.02
19	0.18	1.75	4.88	4.28	86	34	25	5.92	1.57	0.67	0.36	1.23
20	0.16	2.50	33	4.40	61	18	22	5.24	1.48	0.67	0.32	0.67
21	0.14	5.92	22	26	41	13	18	5.00	1.39	0.60	0.28	0.48
22	0.14	4.40	9.92	20	47	15	16	5.00	1.30	0.60	0.28	0.36
23	0.12	3.56	8.22	11	79	18	14	4.64	1.30	0.56	0.24	0.28
24	0.12	2.60	28	10	52	17	13	4.40	1.23	0.56	0.24	0.28
25	0.16	2.30	16	8.90	48	21	12	4.16	1.16	0.52	0.24	0.24
26	0.36	2.50	16	9.07	57	28	11	4.404	1.16	0.48	0.20	0.28
27	0.36	4.88	21	7.04	82	26	10	3.80	1.90	0.48	0.20	0.36
28	0.36	5.36	10	5.76	99	33	9.75	3.56	1.09	0.44	0.20	0.44
29	0.40	7.04	8.56	7.20	91	25	10	3.56	1.02	0.40		0.36
30	0.60	8.22	15	22	58	36	14	3.32	1.02	0.40		0.28
31		5.60		11	37		11		0.95	0.40		0.24
Total	5.60	68.47	393.87	252.89	1,146.11	585.50	1,007.75	214.64	60.38	22.20	10.48	11.42
Mean	0.19	2.21	13.1	8.16	37.0	19.5	32.5	7.15	1.95	0.72	0.37	0.37
Max.	0.60	8.22	33	26	99	36	112	15	3.32	1.02	0.60	2.02
Min.	0.060	0.24	3.56	3.00	5.24	9.58	9.75	3.32	0.95	0.40	0.20	0.16
Runoff - mcm.	0.484	5.916	34.030	21.850	99.024	50.587	87.070	18.545	5.217	1.918	0.905	0.986

WATER YEAR 1974 : Max. 112 Min. 0.060 Mean 10.3 Annual Runoff 326.532 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12	09.00	4.53	121				

PRACHIN RIVER BASIN

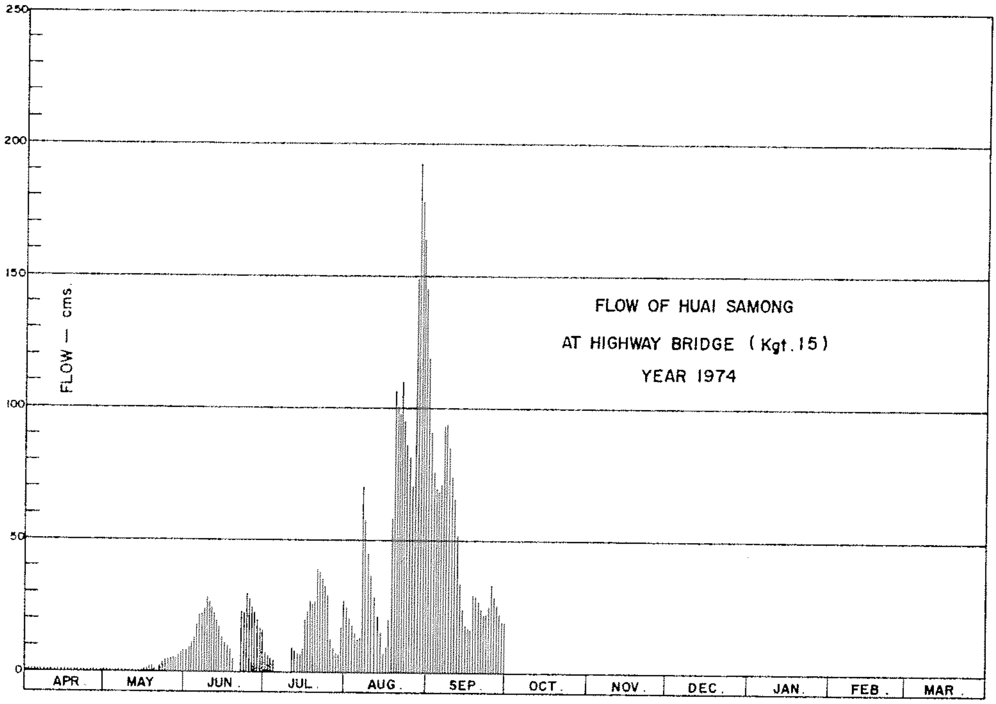
Huai Samong at Highway Bridge, Prachin Buri (Kgt.15)

Location:	Lat. 14°-02'-37" N., Long. 101°-47'-30" E., on left bank about 5 kilometers upstream from confluence with Lam Hanuman on Kabin Buri, Nakhon Ratchasima highway, 8 kilometers from crossing with Suwanson road, Amphoe Kabin Buri, Prachin Buri.
Drainage Area:	789 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank near gage site.
Elevation:	+ 6.248 m. (A.D.)
Gage Reading Frequency:	5-7 time readings at 06.00, 09.00, 12.00, 15.00, 18.00 hours April - June, and 03.00, 06.00, 09.00, 12.00, 15.00, 18.00, 21.00 hours on July - September.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5, 7 readings.
Period of Available Gage Records:	1966-1974.
Rating Operation:	
Period of Rating:	1966-1967.
Rated by Float:	-
Rated by Current Meter:	1966-1967.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 3.90 m. (A.D.) and is included.
General Description:	Records fair. Stage-discharge relation defined by 15 discharge measurements made in 1967.
Remarks:	No records on periods June 21-22 and July 5-10, 1974. Stream gaging ending on October 1, 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.37	0.30	0.95	0.90	1.52	3.33						
2	.37	.29	.99	.85	.41	2.90						
3	.36	.29	1.06	.79	.32	.64						
4	.36	.28	.14	.75	.22	.52						
5	.36	.28	.30		.08	.49						
6	0.35	0.27	1.42		1.12	2.55						
7	.35	.27	.44		2.53	.92						
8	.35	.26	.48		.25	.95						
9	.35	.26	.59		.00	.73						
10	.34	.27	.57		1.83	.57						
11	0.34	0.28	1.47	1.00	1.70	2.44						
12	.34	.29	.39	0.94	.58	.16						
13	.34	.30	.30	.91	.36	1.76						
14	.33	.34	.21	.87	.03	.47						
15	.33	.41	.13	.97	0.90	.32						
16	0.33	0.47	1.07	1.36	1.00	1.28						
17	.33	.51	.01	.47	.36	.25						
18	.33	.58	0.91	.58	2.30	.64						
19	.32	.61	.68	.55	3.13	.64						
20	.32	.49	1.04	.58	.06	.58						
21	0.32	0.44		1.88	3.00	1.49						
22	.32	.62		.85	.20	.43						
23	.32	.71	1.43	.80	2.88	.42						
24	.31	.76	.66	.73	.79	.52						
25	.31	.78	.59	.56	.66	.72						
26	0.31	0.79	1.52	1.09	2.50	1.64						
27	.31	.80	.45	0.98	3.23	.53						
28	.30	.80	.37	.90	4.32	.44						
29	.30	.86	.29	.90	.15	.33						
30	.30	.90	.23	1.27	3.97	.34						
31		.94		.58	.69							
Mean	0.33	0.50			2.26	1.97						
Max.	0.37	0.94			4.32	3.33						
Min.	0.30	0.26			0.90	1.25						

WATER YEAR : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.21	0.00	8.40	7.20	25	119						
2	0.21	0.00	9.36	6.20	21	91	Stream Gaging Ending on October, 1974					
3	0.18	0.00	11	5.04	18	76						
4	0.18	0.00	13	4.40	15	70						
5	0.18	0.00	18		12	68						
6	0.15	0.00	22		13	71						
7	0.15	0.00	22		70	93						
8	0.15	0.00	24		56	94						
9	0.15	0.00	28		44	81						
10	0.12	0.00	27		37	72						
11	0.12	0.00	23	9.60	32	65						
12	0.12	0.00	21	8.16	27	51						
13	0.12	0.00	18	7.44	20	34						
14	0.090	0.12	15	6.60	10	23						
15	0.090	0.37	13	8.88	7.20	18						
16	0.090	0.79	11.	20	9.60	17						
17	0.090	1.12	9.85	23	20	16						
18	0.090	1.96	7.44	27	58	29						
19	0.060	2.34	3.32	26	106	29						
20	0.060	0.93	11	27	101	27						
21	0.060	0.58		39	98	24						
22	0.060	2.48		38	110	22						
23	0.060	3.76	22	36	90	22						
24	0.030	4.56	30	33	85	25						
25	0.030	4.88	28	27	77	33						
26	0.030	5.04	25	12	68	29						
27	0.030	5.20	23	9.12	112	25						
28	0.00	5.20	20	7.20	192	22						
29	0.00	6.40	17	7.20	178	19						
30	0.00	7.20	16	17	164	19						
31		8.16		27	144							
Total	2.91	61.09			2,019.80	1,384						
Mean	0.097	1.97			65.1	46.1						
Max.	0.21	8.16			192	119						
Min.	0.00	0.00			7.20	16						
Runoff - mcm.	0.251	5.278			174.511	119.578						

WATER YEAR 1974 : Max. 192 Min. 0.00 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.28	18.00	4.44	201				

PRACHIN RIVER BASIN

Khlong Si Yat at Ban Tha Kloi, Chachoengsao (Kgt.18)

Location: Lat. 13°-26'-30" N., Long. 101°-39'-06" E., on right bank at Ban Tha Kloi, King Amphoe Sanam Chai, Chachoengsao.

Drainage Area: 951 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: at the cocoa nut tree infront of Kgt. 18 station office.
Elevation: + 6.887 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1967-1971, 1972 to date.

Rating Operation:

Period of Rating: 1969 to date.
Rated by Float: -
Rated by Current Meter: 1969 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

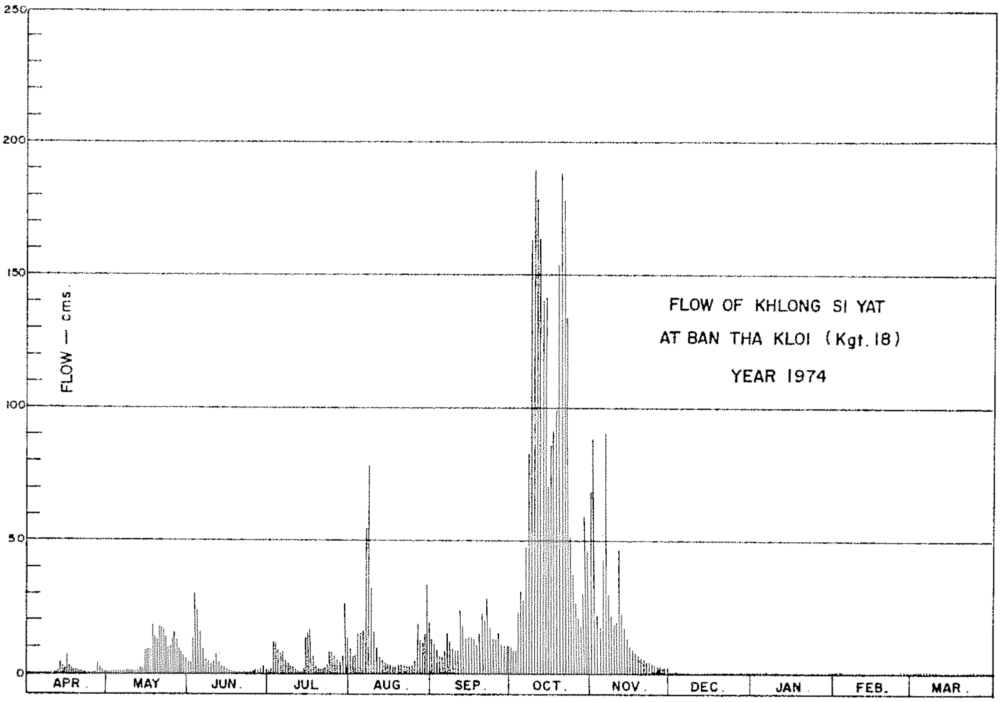
Overbank Flow Conditions: Overbank flow starts at elevation + 6.90 m. (A.D.) and is included.

General Description: Records fair. Stage-discharge relation defined by 118 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.71	0.95	1.54	1.07	2.07	2.44	2.18	5.36	0.89	0.88	0.82	0.81
2	.70	.91	2.33	.23	1.82	.26	.06	3.70	.88	.88	.82	.81
3	.70	.88	3.42	2.36	.90	.04	.06	2.94	.88	.88	.83	.81
4	.70	.88	.08	.26	2.45	1.83	.97	.63	.88	.88	.82	.81
5	.72	.90	2.45	1.93	.58	.86	3.45	3.63	.88	.87	.81	.81
6	0.75	1.00	2.00	2.07	2.60	2.05	3.27	5.40	0.87	0.87	0.81	0.80
7	.72	.06	1.75	1.77	4.19	.53	.97	3.88	.87	.87	.81	.80
8	.72	.13	.58	.60	5.06	.33	5.29	.16	.87	.86	.81	.80
9	.74	.24	.51	.49	3.23	.07	6.97	2.84	.86	.86	.81	.83
10	.78	.11	.58	.36	2.50	.07	7.53	.72	.86	.85	.81	.81
11	0.94	1.00	1.97	1.21	2.11	2.08	7.26	4.08	0.84	0.84	0.81	0.80
12	1.22	.15	.60	.10	1.86	3.12	6.65	3.08	.83	.84	.81	.79
13	.69	.29	.41	.04	.71	2.69	.58	2.68	.86	.85	.82	.79
14	.23	.20	.29	.08	.65	.38	.63	.45	.85	.85	.81	.78
15	.94	2.04	.18	2.40	.55	.47	4.83	.26	.86	.86	.81	.78
16	1.47	2.13	1.12	2.64	1.50	2.47	5.29	2.11	0.86	0.86	0.81	0.78
17	.26	.12	.07	1.99	.45	.39	.47	.05	.85	.86	.80	.77
18	.17	.82	.03	.63	.41	.18	.60	1.99	.85	.85	.80	.77
19	.11	.39	0.99	.42	.44	.62	6.96	.95	.85	.84	.81	.77
20	.10	.40	.95	.27	.48	3.02	7.51	.83	.86	.87	.81	.77
21	1.07	2.78	0.93	1.15	1.49	2.82	7.26	1.74	0.94	0.93	0.82	0.77
22	0.98	.71	.90	.30	.45	3.30	6.27	.69	.90	.90	.81	.77
23	.91	.39	.89	.49	.39	2.82	4.50	.64	.88	.87	.81	.77
24	.87	.11	.88	.99	.42	.39	3.94	.58	.87	.86	.81	.80
25	.84	.20	.95	.99	.55	.37	.37	.53	.86	.85	.81	.80
26	1.03	2.59	1.12	1.84	2.03	2.59	3.06	1.49	0.84	0.84	0.80	0.79
27	.60	.43	.04	.65	.77	.29	2.80	.45	.83	.83	.79	.77
28	.34	.13	.29	.61	.32	.29	.61	.42	.83	.83	.78	.77
29	.13	.03	.43	.84	.28	.14	4.50	.39	.83	.83		.77
30	.01	1.83	.23	3.18	3.47	.25	3.93	.37	.83	.83		.76
31		.66		2.46	2.81		4.34		.83	.83		.76
Mean	1.03	1.72	1.48	1.72	2.17	2.40	4.81	2.53	0.86	0.85	0.80	0.78
Max.	1.94	2.82	3.42	3.18	5.06	3.30	7.53	5.40	0.94	0.93	0.83	0.83
Min.	0.70	0.88	0.88	1.04	1.39	1.83	2.06	1.37	0.83	0.83	0.78	0.76

WATER YEAR 1974 : Max. 7.53 m. Min. 0.71 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	.11	0.60	3.78	1.06	8.48	13	10	88	0.38	0.36	0.24	0.22
2	0.10	0.44	12	1.78	6.02	11	8.72	37	0.36	0.36	0.24	0.22
3	0.10	0.36	30	12	6.90	8.48	8.72	21	0.36	0.36	0.26	0.22
4	0.10	0.36	24	11	14	6.13	22	16	0.36	0.36	0.24	0.22
5	0.12	0.40	14	7.23	15	6.46	31	35	0.36	0.34	0.22	0.22
6	0.15	0.80	8.00	8.84	16	8.60	27	90	0.34	0.34	0.22	0.20
7	0.12	1.04	5.40	5.56	50	15	44	41	0.34	0.34	0.22	0.20
8	0.12	1.32	4.06	4.20	78	12	86	25	0.34	0.32	0.22	0.20
9	0.14	1.84	3.57	3.43	27	8.84	159	19	0.32	0.32	0.22	0.26
10	0.18	1.24	4.06	2.56	14	8.84	189	17	0.32	0.30	0.22	0.22
11	0.56	0.80	7.67	1.66	9.32	8.94	174	47	0.28	0.28	0.22	0.20
12	1.72	1.40	4.20	1.20	6.46	24	143	24	0.26	0.28	0.22	0.19
13	4.92	2.14	2.87	0.96	5.08	17	140	17	0.32	0.30	0.24	0.19
14	1.78	1.60	2.14	1.12	4.60	13	142	14	0.30	0.30	0.22	0.18
15	7.34	8.48	1.52	13	3.85	14	70	11	0.32	0.32	0.22	0.18
16	3.29	9.56	1.28	16	3.50	14	86	9.32	0.32	0.32	0.22	0.18
17	1.96	9.44	1.08	7.89	3.15	13	92	8.60	0.30	0.32	0.20	0.17
18	1.48	19	0.92	4.44	2.87	10	97	7.89	0.30	0.30	0.20	0.17
19	1.24	13	0.76	2.94	3.08	16	158	7.45	0.30	0.28	0.22	0.17
20	1.20	13	0.60	2.02	3.36	23	188	6.13	0.32	0.34	0.22	0.17
21	1.08	18	0.52	1.40	3.43	19	174	5.32	0.56	0.52	0.24	0.17
22	0.72	17	0.40	2.20	3.15	28	125	4.92	0.40	0.40	0.22	0.17
23	0.44	13	0.38	3.01	2.74	19	59	4.52	0.36	0.34	0.22	0.17
24	0.34	9.32	0.36	7.89	2.94	13	43	4.06	0.34	0.32	0.22	0.20
25	0.28	10	0.60	7.89	3.85	12	29	3.71	0.32	0.30	0.22	0.20
26	0.92	16	1.28	6.24	8.36	16	23	3.43	0.28	0.28	0.20	0.19
27	4.20	13	0.96	4.60	18	11	19	3.15	0.26	0.26	0.19	0.17
28	2.44	9.56	2.14	4.28	12	11	16	2.94	0.26	0.26	0.18	0.17
29	1.32	8.36	3.10	6.24	11	9.68	59	2.74	0.26	0.26		0.17
30	0.84	6.13	1.78	26	32	11	43	2.62	0.26	0.26		0.16
31		4.68		14	19		55		0.26	0.26		0.16
Total	39.21	211.87	143.34	192.66	397.14	400.99	2,520.44	578.80	10.06	9.90	6.17	5.91
Mean	1.31	6.83	4.77	6.21	12.8	13.4	81.3	19.3	0.32	0.31	0.22	0.19
Max.	7.34	19	30	26	78	28.00	189	90	0.56	0.52	0.26	0.26
Min.	0.10	0.36	0.36	0.96	2.74	6.13	8.72	2.62	0.26	0.26	0.18	0.16
Runoff - mcm.	3.396	118.306	12.385	16.646	34.313	34.645	217.766	50.008	0.869	0.855	0.533	0.511

WATER YEAR 1974 : Max. 189 Min. 0.10 Mean 12.2 Annual Runoff 390.233 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.20	07.00	7.61	194				

PRACHIN RIVER BASIN

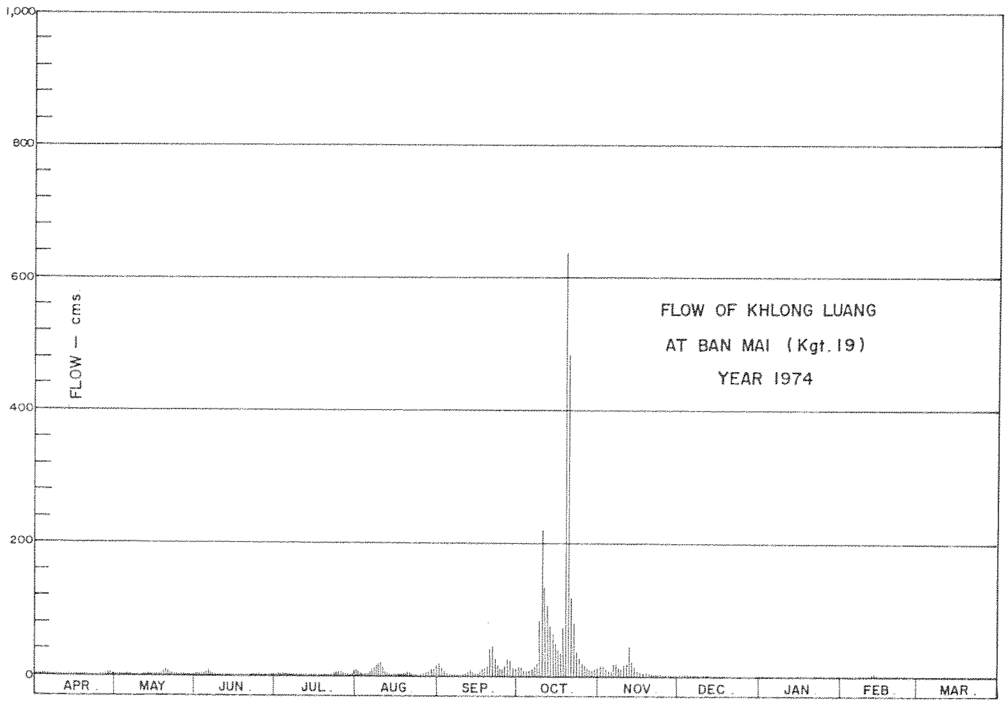
Khlong Luang at Ban Mai, Chon Buri (Kgt. 19)

Location:	Lat. 13°-23'-17" N., Long. 101°-20'-40" E., on left bank about 4 kilometers east of Khok Pho market and 6 kilometers from Amphoe Phanat Nikhom, Chon Buri.
Drainage Area:	[illegible] Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 12.124 m. (M.S.L.)
Bench Mark:	B.M. - R.S.
Location:	infront of Kgt. 19 station office.
Elevation:	+ 25.780 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1974.
Rated by Float:	-
Rated by Current Meter:	1965-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 24.55 m. (M.S.L.) and is included.
General Description:	Records good. Stage-discharge relation defined by 93 discharge measurements made in 1974.
Remarks:	Asterisk (*) designated the discharge determined from hourly gage heights.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	20.86	21.29	21.24	21.52	23.22	24.64	24.13	24.45	21.62	20.94	20.77	20.79
2	.76	.17	.18	.94	22.15	23.94	.13	.44	.58	.94	.77	.79
3	.97	.27	.27	22.02	21.93	.10	23.25	23.72	.55	.94	.77	.75
4	21.29	.35	22.48	21.70	.97	22.37	.09	.05	.53	.93	.79	.74
5	.13	.42	23.14	.65	22.04	.02	.29	.15	.50	.92	.76	.72
6	21.01	21.47	22.14	21.58	23.37	21.84	23.78	24.64	21.45	20.90	20.79	20.74
7	20.89	.28	21.58	.35	.91	.76	.99	.75	.43	.90	.74	.72
8	.80	.18	.37	.26	24.26	.80	24.68	.18	.39	.87	21.08	.71
9	.74	.18	.24	.24	.78	.91	25.52	23.90	.37	.83	.48	.76
10	.70	.21	.15	.20	.69	.89	26.09	24.65	.33	.81	.29	.82
11	20.67	21.24	21.09	21.09	23.19	22.02	25.85	24.63	21.30	20.91	21.08	21.05
12	21.04	.18	.04	.00	22.30	.59	.74	25.51	.26	.92	.75	20.92
13	.70	.21	.00	20.95	.01	23.48	.61	.05	.24	.90	22.32	.82
14	.69	.63	20.96	.89	21.89	22.71	.60	24.20	.21	.96	21.81	.78
15	.40	.69	.91	.92	.99	.12	.53	23.32	.20	.95	.36	.74
16	21.31	21.48	20.87	21.20	22.23	22.29	25.43	22.92	21.17	20.92	21.15	20.72
17	.50	.43	.83	.10	.10	23.43	.35	.72	.17	.91	.05	.72
18	.60	.61	.80	20.99	21.89	24.10	.64	.62	.15	.91	20.98	.72
19	.25	22.50	.78	.88	22.20	.20	26.56	.51	.13	21.03	.93	.74
20	.04	23.53	.75	.82	.93	25.44	.33	.38	.10	.09	.91	.70
21	21.04	22.87	20.73	20.79	22.62	25.51	25.75	22.25	21.09	20.99	20.89	20.68
22	20.99	.04	.71	21.44	.13	.15	.56	.14	.05	.93	.87	.68
23	.88	21.76	.70	22.48	21.76	24.49	.37	.04	.04	.90	.86	.72
24	.85	.77	.69	.71	.56	23.58	.14	21.98	.04	.87	.89	.74
25	21.00	.60	.69	23.17	.48	.71	24.87	.91	.04	.86	.89	.71
26	21.21	21.44	20.68	22.86	22.07	24.85	24.48	21.84	21.03	20.84	20.83	20.68
27	22.20	.34	.66	.23	.78	25.19	.01	.79	20.99	.82	.80	.89
28	.45	.27	21.45	21.94	23.24	24.83	23.64	.74	.97	.83	.78	.81
29	21.98	.24	.79	.68	.23	23.82	.50	.70	.96	.79		.75
30	.53	.24	.33	.96	.31	.31	.78	.65	.95	.79		.72
31		.25		23.57	24.41		24.09		.96	.77		.70
Mean	21.22	21.53	21.17	21.62	22.70	23.40	24.83	23.19	21.22	20.90	21.06	20.76
Max.	22.45	23.53	23.14	23.57	24.78	25.51	26.56	25.51	21.62	21.09	22.32	21.05
Min.	20.67	21.17	20.66	20.79	21.48	21.76	23.09	21.65	20.95	20.77	20.76	20.68

WATER YEAR 1974 : Max. 26.56 m. Min. 20.67 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.31	1.12	1.00	1.76	8.20	19	14	17	2.06	0.41	0.22	0.24
2	0.21	1.07	0.86	3.02	3.72	12	14	16	1.94	0.41	0.22	0.24
3	0.45	1.07	1.07	3.27	2.99	7.60	8.35	11	1.85	0.41	0.22	0.20
4	1.12	1.27	4.97	2.30	3.11	4.53	7.55	7.37	1.79	0.39	0.24	0.19
5	0.76	1.46	7.80	2.15	3.34	3.27	8.55	7.85	1.70	0.38	0.21	0.17
6	0.52	1.61	3.69	1.94	8.95	2.72	11	19	1.55	0.35	0.24	0.19
7	0.34	1.10	1.94	1.27	12	2.48	12 *	20	1.49	0.35	0.41	0.17
8	0.25	0.86	1.32	1.05	15	2.60	19 *	14	1.37	0.32	0.66	0.16
9	0.19	0.86	1.00	1.00	20	2.93	84 *	12	1.32	0.28	1.64	0.21
10	0.15	0.92	0.80	0.90	19	2.87	218 *	19	1.22	0.26	1.12	0.27
11	0.13	1.00	0.68	0.68	8.05	3.27	127 *	18	1.15	0.36	0.66	0.60
12	0.58	0.86	0.56	0.50	4.25	5.41	95 *	44	1.05	0.38	2.45	0.38
13	2.30	0.92	0.50	0.42	3.23	9.50	64	24	1.00	0.35	4.33	0.27
14	2.27	2.09	0.44	0.34	2.87	5.89	62	14	0.92	0.44	2.63	0.23
15	1.40	2.27	0.36	0.38	3.17	3.62	48	8.70	0.90	0.42	1.30	0.19
16	1.17	1.64	0.32	0.90	4.00	4.21	37	6.79	0.84	0.38	0.80	0.17
17	1.70	1.49	0.28	0.70	3.55	9.25	33 *	5.93	0.84	0.36	0.60	0.17
18	2.00	2.03	0.25	0.48	2.87	13	75 *	5.53	0.80	0.36	0.47	0.17
19	1.02	5.05	0.23	0.33	3.90	14	636 *	5.09	0.76	0.56	0.39	0.19
20	0.58	9.78	0.20	0.27	6.83	38	370 *	4.57	0.70	0.68	0.36	0.15
21	0.56	6.56	0.18	0.24	5.53	44	98 *	4.07	0.68	0.48	0.34	0.14
22	0.48	3.34	0.16	1.52	3.65	26	54 *	3.69	0.60	0.39	0.32	0.14
23	0.33	2.48	0.15	4.97	2.48	17	35 *	3.34	0.58	0.35	0.31	0.17
24	0.30	2.51	0.14	5.89	1.88	10	26	3.14	0.58	0.32	0.34	0.19
25	0.50	2.00	0.14	7.95	1.64	11	21	2.93	0.58	0.31	0.34	0.16
26	0.92	1.52	0.14	6.52	3.44	21	17	2.72	0.56	0.29	0.28	0.14
27	3.90	1.25	0.13	4.00	6.17	27	13	2.57	0.49	0.27	0.25	0.34
28	4.85	1.07	1.55	3.02	8.30	21	10	2.42	0.45	0.28	0.23	0.26
29	3.14	1.00	2.57	2.24	8.25	11	9.60	2.30	0.44	0.24		0.20
30	1.79	1.00	1.22	3.08	8.65	8.65	11	2.15	0.42	0.24		0.17
31		1.02		10	16		13		0.44	0.22		0.15
Total	34.24	61.99	34.67	73.09	205.02	362.80	2,251.05	309.16	31.06	11.24	21.58	6.62
Mean	1.14	2.00	1.15	2.36	6.61	12.1	72.6	10.3	1.00	0.36	0.77	0.21
Max.	4.85	9.78	7.80	10	20	44	636	44	2.06	0.68	4.33	0.60
Min.	0.13	0.84	0.13	0.24	1.64	2.48	7.55	2.15	0.42	0.22	0.21	0.14
Runoff - mcm.	2.958	5.356	2.995	6.315	17.714	31.346	194.491	26.711	2.683	0.971	1.864	0.572

WATER YEAR 1974 : Max. 636 Min. 0.13 Mean 9.32 Annual Runoff 293.978 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.19	14.00	27.29	1,261				

PRACHIN RIVER BASIN

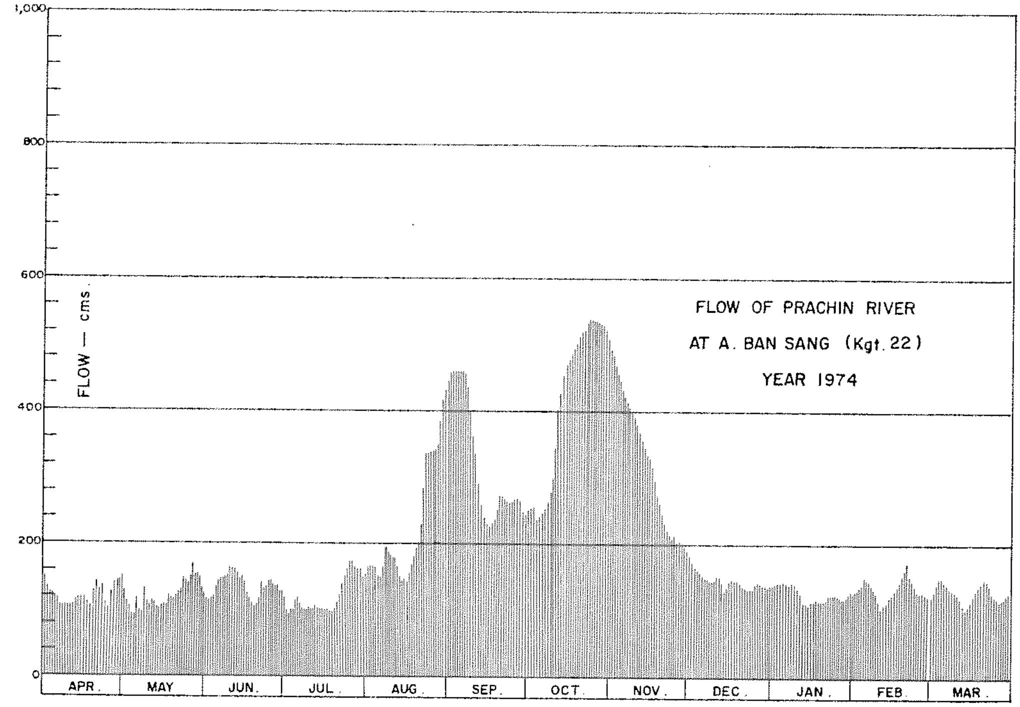
Prachin River at Amphoe Ban Sang, Prachin Buri (Kgt.22)

Location:	Lat. 13°-59'-45" N., Long. 101°-13'-30" E., on left bank infront of Amphoe Ban Sang office, Prachin Buri.
Drainage Area:	Flood plain.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	- 0.810 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near staff gage site.
Elevation:	+ 3.032 m. (M.S.L.)
Gage Reading Frequency:	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
Rated by Float:	-
Rated by Current Meter:	1967
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 14 discharge measurements made in 1967.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.36	0.25	0.10	-0.03	0.46	2.14	1.05	2.36	0.55	0.26	0.18	0.12
2	.23	.08	.08	-0.09	.45	.18	.05	.28	.49	.28	.20	.20
3	.19	.04	.09	-0.04	.46	.18	.05	.21	.45	.29	.23	.25
4	.16	-0.09	.11	-0.04	.46	.18	0.93	.13	.41	.29	.26	.29
5	.13	-0.10	.25	0.11	.39	.18	.97	.08	.38	.30	.35	.34
6	0.10	0.10	0.30	0.11	0.33	2.18	1.01	2.00	0.36	0.29	0.33	0.30
7	.00	-0.08	.31	-0.02	.43	.16	.03	1.95	.34	.25	.29	.27
8	.01	-0.07	.33	-0.02	.67	.06	.09	.91	.32	.29	.24	.23
9	.01	0.21	.36	-0.04	.61	1.81	.14	.87	.30	.29	.18	.22
10	.02	0.00	.43	-0.01	.56	.64	.36	.84	.32	.25	.12	.18
11	0.02	0.02	0.43	-0.03	0.55	1.46	1.66	1.75	0.38	0.20	0.00	0.15
12	.03	.08	.42	-0.02	.47	.22	.92	.69	.32	.13	.02	.06
13	.12	.05	.30	-0.01	.36	.07	2.04	.62	.27	.04	.05	-0.01
14	.10	-0.07	.32	-0.03	.29	0.96	.17	.57	.18	.03	.10	-0.03
15	.12	-0.02	.35	-0.02	.32	.90	.21	.52	.28	.04	.14	0.03
16	0.10	0.03	0.22	-0.02	0.27	0.87	2.27	1.51	0.32	0.07	0.18	0.10
17	.06	.02	.10	-0.04	.39	.90	.31	.40	.33	.10	.23	.18
18	.00	.13	.09	-0.06	.50	.92	.36	.26	.32	.10	.29	.21
19	.15	.11	-0.01	-0.04	.58	1.00	.40	.13	.31	.08	.35	.26
20	.29	.09	0.00	0.00	.67	.15	.45	.04	.29	.07	.40	.29
21	0.27	0.14	0.09	0.10	0.83	1.17	2.48	0.95	0.26	0.10	0.51	0.33
22	.14	.17	.29	.23	1.24	.13	.49	.85	.23	.14	.40	.31
23	.26	.25	.21	.32	.52	.12	.54	.79	.23	.14	.32	.23
24	.03	.34	.25	.40	.54	.07	.56	.74	.20	.14	.25	.16
25	-0.02	.26	.31	.51	.54	.12	.56	.78	.27	.14	.21	.13
26	0.15	0.32	0.30	0.51	1.55	1.12	2.55	0.71	0.31	0.14	0.17	0.10
27	.26	.49	.23	.45	.59	.13	.54	.71	.30	.13	.18	.09
28	.31	.34	.26	.42	.65	.09	.53	.71	.28	.10	.16	.10
29	.31	.38	.18	.42	.89	.00	.53	.66	.24	.13		.14
30	.34	.35	.18	.35	2.01	0.98	.48	.62	.24	.19		.17
31		.21		.34	.05		.42		.26	.16		.17
Mean	0.14	0.13	0.23	0.12	0.86	1.40	1.94	1.42	0.31	0.17	0.23	0.18
Max.	0.36	0.49	0.43	0.51	2.05	2.18	2.56	2.36	0.55	0.30	0.51	0.34
Min.	-0.02	-0.10	-0.01	-0.09	0.27	0.87	0.93	0.62	0.18	0.03	0.00	-0.03

WATER YEAR 1974 : Max. 2.56 m. Min. - 0.10 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	152	137	118	101	166	451	254	495	179	138	128	120
2	134	115	115	94	165	459	254	479	170	141	131	131
3	129	110	117	100	166	459	254	465	165	142	134	137
4	125	94	119	100	166	459	235	449	159	142	138	142
5	121	93	137	119	156	459	241	439	155	144	151	150
6	118	118	144	119	148	459	248	423	152	142	148	144
7	105	96	145	102	162	455	251	413	150	137	142	140
8	106	97	148	102	196	435	261	406	147	142	136	134
9	106	132	152	100	187	387	269	398	144	142	128	133
10	107	105	162	104	180	356	305	393	147	137	120	128
11	107	107	162	101	179	322	359	376	155	131	105	124
12	109	115	161	107	168	282	408	365	147	121	107	112
13	120	111	144	104	152	257	431	352	140	110	111	104
14	118	97	147	101	142	240	457	343	128	109	118	101
15	120	102	151	102	147	231	465	333	141	110	123	109
16	118	109	133	102	140	226	477	331	147	114	128	118
17	112	107	118	100	156	231	485	312	148	118	134	128
18	105	121	117	98	172	234	495	288	147	118	142	132
19	124	119	104	100	183	246	503	267	145	115	151	138
20	142	117	105	105	196	270	513	253	142	114	158	142
21	140	123	117	118	220	273	519	238	138	118	173	148
22	123	127	142	134	285	267	521	223	134	123	158	145
23	138	137	132	147	333	265	532	214	134	123	147	134
24	109	150	137	158	337	257	536	207	131	123	137	125
25	102	138	145	173	337	265	536	213	140	123	132	121
26	124	147	144	173	339	265	534	202	145	123	127	118
27	138	170	134	165	346	267	532	202	144	121	128	116
28	145	150	138	161	357	261	529	202	141	118	125	118
29	145	155	128	161	402	246	529	195	136	121		123
30	150	151	128	151	425	243	519	189	136	129		127
31		132		150	433		507		138	125		127
Total	3,692	3,782	4,044	3,752	7.141	9.527	12,959	9,665	4,525	3,914	3,760	3,969
Mean	123	122	135	121	230	317	418	322	146	126	134	128
Max.	152	170	162	173	433	459	536	495	179	144	173	150
Min.	102	93	104	94	140	226	235	189	128	109	105	101
Runoff - mcm.	318.989	326.765	349.402	324.173	616.982	823.133	1,119.658	835.056	390.960	338.169	324.864	342.921

WATER YEAR 1974 : Max. 536 Min. 93 Mean 194 Annual Runoff 6,111.072 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.25	06.00	2.58	540				

PRACHIN RIVER BASIN

Prachan Takham at Ban Takhro, Prachin Buri (Kgt. 24)

Location: Lat. 14°-10'-34" N., Long. 101°-35'-30" E., on right bank at Ban Takhro, Amphoe Prachantakham, Prachin Buri.

Drainage Area: 121 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: near station office Kgt. 24
Elevation: + 8.365 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1971 to date.

Rating Operation:

Period of Rating: 1971 to date.
Rated by Float: -
Rated by Current Meter: 1971 to date.

Stability of Channel Regimes: Unstable with variable water surface slope, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

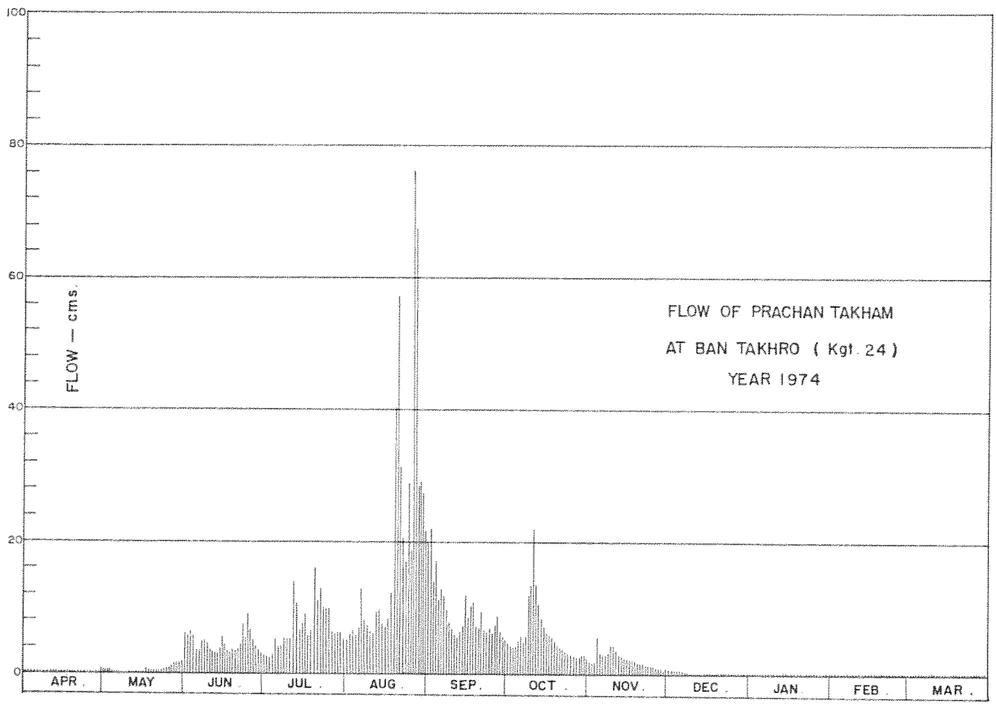
General Description: Records fair. Stage-discharge relation defined by 83 discharge measurements made in 1974. Flow regulated by Prachatakham Dam.

Remarks: Flow adjusted by rate of change of stage $(\frac{dh}{dt})$ by Lewis Method $\frac{Qm}{Qc} = 1+(3.28\frac{dh}{dt})$ Detail in Computation Book.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.42	0.65	1.60	1.17	1.43	2.65	1.44	1.03	0.76	0.44	0.41	0.36
2	.42	.62	.53	.13	.57	3.10	.37	0.99	.75	.44	.41	.38
3	.41	.63	.64	.10	.64	2.23	.34	.97	.74	.44	.40	.42
4	.40	.63	.51	.14	.54	.52	.32	1.52	.72	.43	.40	.42
5	.42	.58	.26	.46	.61	.02	.41	.27	.72	.43	.40	.40
6	0.42	0.57	1.18	1.29	2.20	2.23	1.53	1.17	0.68	0.43	0.39	0.39
7	.42	.55	.42	.28	1.90	.14	.43	.17	.66	.43	.37	.38
8	.41	.54	.46	.49	.74	1.90	.48	.16	.64	.44	.35	.37
9	.41	.54	.43	.47	.70	.77	2.13	.35	.63	.44	.35	.37
10	.42	.53	.29	.46	.59	.66	.19	.38	.62	.46	.37	.37
11	0.41	0.52	1.22	1.45	1.60	1.59	2.80	1.25	0.61	0.46	0.38	0.36
12	.41	.52	.20	2.24	.90	.51	.15	.18	.59	.47	.37	.35
13	.41	.53	.14	1.79	.93	.56	1.91	.13	.57	.47	.42	.35
14	.41	.54	.28	.70	.74	.68	.79	.12	.56	.45	.58	.35
15	.41	.57	.53	.53	.68	2.14	.68	.08	.55	.44	.53	.35
16	0.49	0.61	1.30	1.88	1.74	1.82	1.58	1.05	0.55	0.44	0.46	0.35
17	.50	.77	.19	.55	2.08	.97	.55	.05	.54	.43	.42	.35
18	.49	.70	.17	.51	.18	2.06	.51	.01	.53	.43	.40	.34
19	.48	.65	.27	2.00	3.78	1.71	.44	0.99	.52	.42	.38	.33
20	.45	.65	.20	.52	4.56	.66	.36	.97	.51	.42	.38	.33
21	0.43	0.64	1.23	1.97	4.56	1.89	1.31	0.95	0.50	0.42	0.38	0.33
22	.43	.64	.35	2.22	2.89	.63	.27	.92	.50	.44	.38	.33
23	.46	.64	.72	1.98	.53	.60	.23	.89	.49	.44	.37	.33
24	.50	.64	.45	.96	3.27	.67	.21	.87	.49	.44	.36	.35
25	.62	.67	.85	.75	2.65	.59	.17	.85	.48	.43	.36	.35
26	0.63	0.81	1.57	1.63	5.20	1.56	1.13	0.83	0.47	0.43	0.36	0.35
27	.59	.81	.41	.55	4.33	.84	.09	.81	.47	.43	.36	.37
28	.57	.93	.33	.60	3.14	.66	.09	.80	.46	.43	.35	.38
29	.63	.93	.26	.61	.20	.56	.14	.79	.46	.43		.37
30	.73	.90	.21	.50	.08	.49	.16	.77	.46	.42		.37
31		.98		.43	2.69		.10		.45	.42		.37
Mean	0.47	0.66	1.37	1.62	2.50	1.88	1.49	1.04	0.57	0.43	0.39	0.36
Max.	0.73	0.98	1.85	2.52	5.20	3.10	2.80	1.52	0.76	0.47	0.46	0.42
Min.	0.40	0.52	1.17	1.10	1.43	1.49	1.09	0.77	0.45	0.42	0.35	0.33

WATER YEAR 1974 : Max. 5.20 m. Min. 0.33 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.12	0.60	6.40	3.19	5.04	19	5.12	2.28	1.04	0.14	0.11	0.06
2	0.12	0.48	5.84	2.91	6.16	*22	4.59	2.05	1.00	0.14	0.11	0.08
3	0.11	0.52	6.80	2.70	6.80	13	4.38	1.95	0.96	0.14	0.10	0.12
4	0.10	0.52	5.68	2.98	5.92	17	4.24	5.76	0.88	0.13	0.10	0.12
5	0.12	0.36	3.82	5.28	6.50	11	4.88	3.89	0.88	0.13	0.10	0.10
6	0.12	0.34	3.26	4.03	13	13	5.84	3.19	0.72	0.13	0.09	0.09
7	0.12	0.30	4.96	3.96	9.50	12	5.04	3.19	0.64	0.13	0.07	0.08
8	0.11	0.28	5.28	5.52	7.80	9.50	5.44	3.12	0.56	0.14	0.05	0.07
9	0.11	0.28	5.04	5.36	7.40	8.10	12	4.45	0.52	0.14	0.05	0.07
10	0.12	0.26	4.03	5.28	6.32	7.00	13	4.66	0.48	0.16	0.07	0.07
11	0.11	0.24	3.54	5.20	6.40	6.32	*22	3.75	0.44	0.16	0.08	0.06
12	0.11	0.24	3.40	*14	9.50	5.68	12	3.26	0.38	0.17	0.07	0.05
13	0.11	0.26	2.98	8.30	10	6.08	10	2.91	0.34	0.17	0.12	0.05
14	0.11	0.28	3.96	7.40	7.80	7.20	8.30	2.84	0.32	0.15	0.36	0.05
15	0.11	0.34	5.84	5.84	7.20	12	7.20	2.58	0.30	0.14	0.26	0.05
16	0.19	0.44	4.10	*9.52	7.80	8.62	6.24	2.40	0.30	0.14	0.16	0.05
17	0.20	1.08	3.33	6.00	11	10	6.00	2.40	0.28	0.13	0.12	0.05
18	0.19	0.80	3.19	5.68	13	11	5.68	2.16	0.26	0.13	0.10	0.04
19	0.18	0.60	3.89	11	40	7.50	5.12	2.05	0.24	0.12	0.08	0.03
20	0.15	0.60	3.40	*16	57	7.00	4.52	1.95	0.22	0.12	0.08	0.03
21	0.13	0.56	3.61	10	*33	9.39	4.17	1.85	0.20	0.12	0.08	0.03
22	0.13	0.56	4.45	13	23	6.70	3.89	1.70	0.20	0.14	0.08	0.03
23	0.16	0.56	7.60	10	17	6.40	3.61	1.56	0.19	0.14	0.07	0.03
24	0.20	0.56	5.20	10	*29	7.10	3.47	1.48	0.19	0.14	0.06	0.05
25	0.48	0.66	8.95	10	19	6.32	3.19	1.40	0.18	0.13	0.06	0.05
26	0.52	1.24	6.16	6.70	*76	6.08	2.91	1.32	0.17	0.13	0.06	0.05
27	0.38	1.24	4.88	6.00	*46	8.84	2.64	1.24	0.17	0.13	0.06	0.07
28	0.34	1.75	4.31	6.40	28	7.00	2.64	1.20	0.16	0.13	0.05	0.08
29	0.52	1.75	3.82	6.50	29	6.08	2.98	1.16	0.16	0.13		0.07
30	0.92	1.60	3.47	5.60	27	5.52	3.12	1.08	0.16	0.12		0.07
31		2.00		5.04	20		2.70		0.15	0.12		0.07
Total	6.39	21.32	141.19	219.39	591.14	282.43	186.91	74.83	12.69	4.24	2.80	1.92
Mean	0.213	0.687	4.70	7.07	19.06	9.41	6.02	2.49	0.409	0.137	0.10	0.062
Max.	0.92	2.00	8.95	16	76	22	22	5.76	1.04	0.17	0.16	0.12
Min.	0.10	0.24	3.19	2.70	5.04	5.52	2.64	1.08	0.15	0.12	0.05	0.03
Runoff - mcm.	0.552	1.842	12.199	18.955	51.074	24.402	16.149	6.465	1.096	0.366	0.242	0.166

WATER YEAR 1974 : Max. 76 Min. 0.03 Mean 4.23 Annual Runoff 133.510 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	22.00	7.60	163				

KHLONG NONG PLA LAI RIVER BASIN

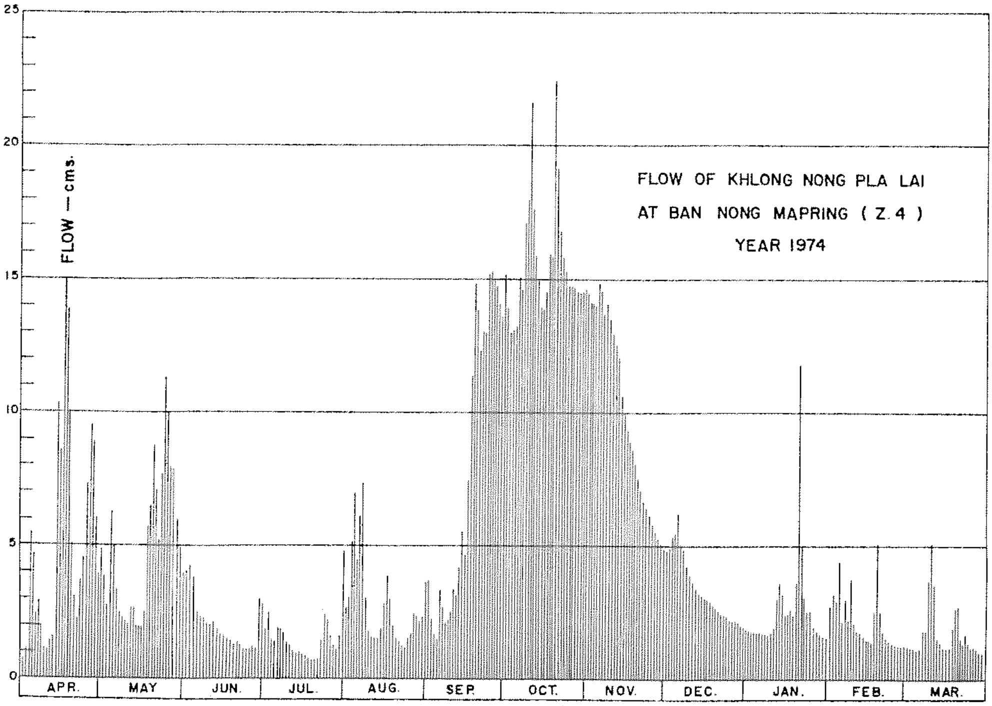
Khlong Nong Pla Lai at Ban Nong Mapring, Rayong (Z.4)

Location:	Lat. 12^{0}-54'-40" N., Long. 101^{0}-17'-37" E., on left bank at Ban Nong Mapring, Amphoe Ban Khai, Rayong.
Drainage Area:	429 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the gage site.
Elevation:	+ 5.270 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1974.
Rated by Float:	-
Rated by Current Meter:	1967-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow exists but hardly to be determined, records are channel flow only.
General Description:	Records good. Stage-discharge relation defined by 78 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.31	1.34	1.14	0.91	1.31	1.08	2.98	2.91	1.34	0.68	0.59	0.49
2	.30	.05	.06	.64	0.85	.10	.79	.87	.32	.66	.90	.48
3	.77	0.87	.20	.82	.95	0.78	.69	.84	.35	.65	1.02	.47
4	1.46	1.05	.14	.65	1.24	.64	.70	.84	.43	.65	0.91	.46
5	.30	.62	.11	.52	.73	.58	.71	.82	.46	.65	1.25	.45
6	0.81	1.30	0.86	0.56	1.23	0.53	2.75	2.94	1.61	0.65	0.72	0.45
7	.95	0.92	.81	.70	.54	1.02	.98	.90	.57	.63	.96	.50
8	.57	.81	.77	.67	.82	0.81	.90	.78	.33	.63	.95	.67
9	.46	.78	.76	.63	.07	.72	3.41	.83	.21	.61	.75	.65
10	.42	.74	.72	.53	0.70	.76	.58	.77	.17	.63	1.11	1.15
11	0.59	0.69	0.71	0.50	0.60	0.85	3.96	2.70	1.12	0.66	0.74	1.39
12	.58	.88	.74	.44	.57	1.03	.39	.65	.09	.76	.66	0.98
13	1.50	.87	.72	.42	.57	.96	.35	.58	.03	1.09	.64	.58
14	2.47	.70	.67	.39	.57	1.19	.22	.46	.00	.10	.61	.52
15	.00	.69	.62	.41	.65	.47	.07	.32	0.99	0.97	.58	.48
16	2.07	0.68	0.59	0.39	0.86	1.28	3.06	2.20	0.97	0.79	0.56	0.46
17	.96	.80	.58	.37	1.10	.65	.17	.11	.95	.83	.55	.46
18	.78	1.58	.57	.34	.13	2.09	.37	.06	.94	.88	.54	.46
19	1.76	.60	.54	.32	0.74	.64	.35	.01	.91	.80	.96	.63
20	.06	.72	.50	.31	.67	.95	4.03	1.90	.89	1.11	1.39	.88
21	0.87	2.04	0.49	0.30	0.58	2.73	3.48	1.80	0.86	2.53	0.74	0.91
22	.78	1.75	.53	.31	.54	.60	.19	.74	.83	1.45	.61	.57
23	1.16	.38	.46	.32	.50	.70	.08	.68	.81	0.91	.57	.49
24	.27	.99	.44	.82	.47	.68	.03	.62	.81	.83	.54	.62
25	.78	2.46	.43	.82	.45	.99	2.92	.58	.79	.87	.52	.48
26	1.93	2.17	0.44	0.76	0.61	3.00	2.94	1.54	0.76	0.75	0.51	0.46
27	2.17	1.92	.46	.57	.63	2.95	.92	.48	.76	.69	.50	.48
28	.06	.88	.42	.48	.83	.91	.91	.43	.75	.66	.50	.43
29	1.46	.75	.48	.43	.77	.82	.90	.40	.74	.63		.41
30	.16	.45	.94	.51	.72	.75	.89	.36	.71	.60		.38
31		.25		.74	.76		.89		.70	.59		.36
Mean	1.32	1.31	0.70	0.53	0.86	1.77	3.12	2.24	1.09	0.84	0.74	0.89
Max.	2.96	2.46	1.20	0.91	1.82	3.00	4.03	2.94	1.61	2.53	1.39	1.39
Min.	0.30	0.68	0.42	0.30	0.45	0.53	2.69	1.36	0.70	0.59	0.50	0.36

WATER YEAR 1974 : Max. 4.03 m. Min. 0.30 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.72	4.85	3.85	2.79	4.70	3.56	15.10	14.57	4.85	1.88	1.56	1.22
2	0.70	3.42	3.47	1.74	2.55	3.65	13.67	14.27	4.75	1.81	2.75	1.19
3	2.23	2.63	4.15	2.43	2.97	2.27	12.92	14.05	4.90	1.77	3.29	1.16
4	5.45	3.42	3.85	1.77	4.35	1.74	13.00	14.05	5.30	1.77	2.79	1.13
5	4.65	6.31	3.70	1.28	6.91	1.53	13.07	13.90	5.45	1.77	4.40	1.10
6	2.39	4.65	2.59	1.46	4.30	1.35	13.37	14.80	6.25	1.77	2.03	1.10
7	2.97	2.84	2.39	1.95	5.86	3.29	15.10	14.50	6.03	1.70	3.02	1.25
8	1.47	2.39	2.23	1.64	7.41	2.39	14.50	13.60	4.80	1.70	2.97	1.84
9	1.13	2.27	2.19	1.70	3.51	2.03	17.00	13.97	4.20	1.63	2.15	1.77
10	1.01	2.11	2.03	1.35	1.95	2.19	17.72	13.52	4.00	1.70	3.70	3.90
11	1.56	1.91	1.99	1.25	1.60	2.55	21.61	13.00	3.75	1.61	2.11	5.10
12	1.53	2.67	2.11	1.07	1.49	3.33	16.07	12.62	3.60	2.19	1.81	3.11
13	5.65	2.63	2.03	1.01	1.49	3.02	15.75	12.11	3.33	3.60	1.74	1.53
14	11.35	1.95	1.84	0.92	1.49	4.10	14.83	11.29	3.20	3.65	1.63	1.32
15	8.45	1.91	1.67	0.98	1.77	5.50	13.88	10.38	3.15	3.06	1.53	1.19
16	8.87	1.88	1.56	0.92	2.59	4.55	13.83	9.65	3.06	2.31	1.46	1.13
17	14.95	2.35	1.53	0.87	3.05	6.47	14.50	9.11	2.97	2.47	1.42	1.13
18	13.60	6.09	1.49	0.80	3.80	8.99	15.91	8.81	2.93	2.67	1.39	1.13
19	7.08	6.20	1.39	0.75	2.11	12.55	15.75	8.51	2.79	2.35	3.02	1.70
20	3.47	6.86	1.25	0.72	1.84	14.87	22.42	7.85	2.71	3.70	5.10	2.67
21	2.63	8.69	1.22	0.70	1.53	13.22	19.32	7.30	2.59	11.76	2.11	2.79
22	2.27	7.02	1.35	0.72	1.39	12.25	16.77	6.97	2.47	5.40	1.63	1.49
23	3.95	5.05	1.13	0.75	1.25	13.00	15.89	6.64	2.39	2.79	1.49	1.22
24	4.50	8.34	1.07	2.43	1.16	12.85	15.49	6.31	2.39	2.47	1.39	1.67
25	7.19	11.29	1.04	2.43	1.10	15.17	14.65	6.09	2.31	2.63	1.32	1.19
26	8.01	9.47	1.07	2.19	1.63	15.25	14.80	5.86	2.19	2.15	1.28	1.13
27	9.47	7.96	1.19	1.49	1.70	14.87	14.65	5.55	2.19	1.91	1.25	1.19
28	8.81	7.74	1.01	1.19	2.47	14.57	14.57	5.30	2.15	1.81	1.25	1.04
29	5.50	7.02	1.19	1.04	2.23	13.90	14.50	5.15	2.11	1.70		0.98
30	3.95	5.40	2.93	1.28	2.03	13.37	14.42	4.95	1.99	1.60		0.90
31		4.40		2.11	2.19		14.42		1.95	1.56		0.85
Total	155.51	151.72	60.51	43.93	84.42	228.38	479.48	304.68	106.75	81.09	61.59	50.12
Mean	5.18	4.89	2.02	1.42	2.72	7.61	15.5	10.1	3.44	2.61	2.20	1.62
Max.	14.95	11.29	4.15	2.79	7.41	15.25	22.42	14.80	6.25	11.76	5.10	5.10
Min.	0.70	1.88	1.01	0.70	1.10	1.35	12.92	4.95	1.95	1.56	1.25	0.85
Runoff	13.436	13.109	5.228	3.795	7.294	19.732	41.427	26.324	9.223	7.006	5.321	4.330

WATER YEAR 1974 : Max. 22.42 Min. 0.70 Mean 4.95 Annual Runoff 156.227 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.20	06.00	4.46	30				

KHLONG PRASAE RIVER BASIN

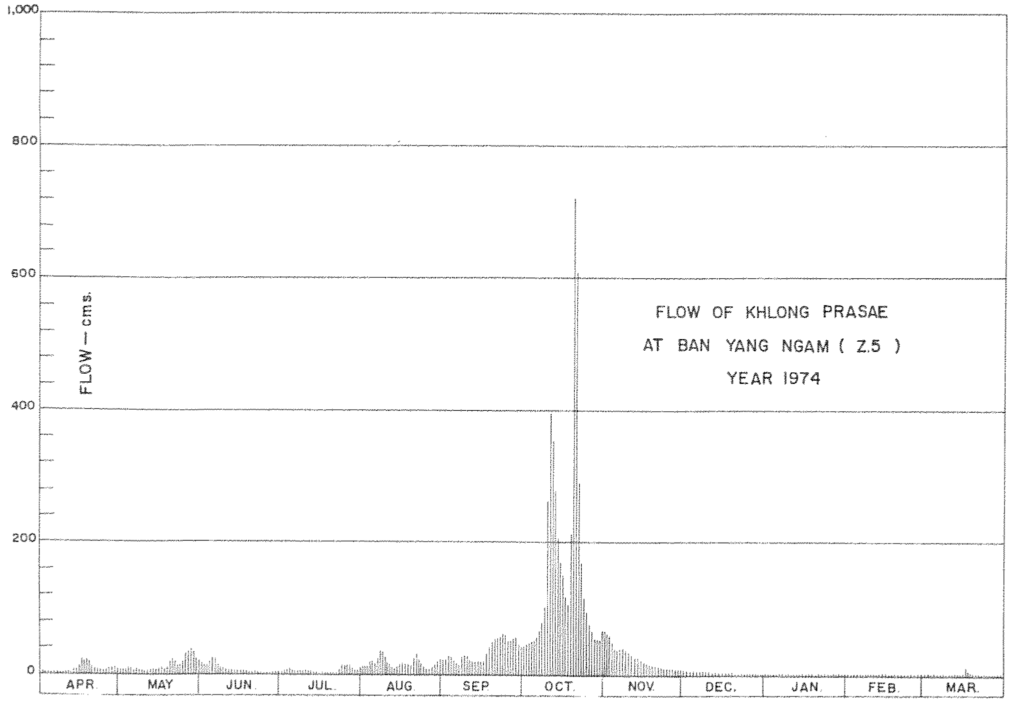
Khlong Prasae at Ban Yang Ngam, Rayong (Z.5)

Location:	Lat. 12°-53'-03" N., Long. 101°-35'-58" E., on left bank of Ban Yang Ngam, Amphoe Klaeng, Rayong.
Drainage Area:	1,164 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	infront of Z5 station office.
Elevation:	+ 7.595 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967 to date.
Rated by Float:	-
Rated by Current Meter:	1967 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 6.00 m. (A.D.) measured by Current Meter and is included.
General Description:	Records fair. Stage-discharge relation defined by 168 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.01	1.74	2.85	1.59	2.54	3.30	4.65	5.77	1.85	1.13	0.97	0.89
2	0.97	.64	.56	.61	.53	.43	.82	.59	.81	.11	.96	.92
3	.97	.79	.53	.86	.55	.76	.99	.34	.79	.09	.98	.90
4	1.07	2.04	3.09	2.24	3.12	.70	5.08	4.80	.76	.08	.98	.88
5	.11	1.94	.54	1.92	.15	.21	.15	.36	.75	.07	.96	.88
6	1.15	1.79	3.35	1.69	2.99	2.72	5.37	4.40	1.77	1.06	0.95	0.87
7	.13	.80	2.69	.64	3.53	.63	.83	.48	.71	.05	.94	.87
8	.09	.68	.35	.74	4.06	3.72	6.18	.56	.67	.03	.95	.91
9	.11	.58	.14	.80	.05	.83	.68	.32	.63	.04	.95	1.00
10	.07	.51	.04	.81	3.62	.51	7.78	.08	.60	.18	.99	0.89
11	1.26	1.43	2.00	1.72	2.86	3.19	8.04	3.84	1.57	1.17	0.97	0.87
12	.07	.78	.01	.57	.42	.06	7.97	.67	.54	.24	.96	.88
13	.94	2.01	1.92	.45	.24	.05	.82	.58	.51	.23	.95	.85
14	.92	1.81	.81	.35	.33	.13	.57	.42	.48	.24	1.00	.87
15	2.29	.81	.70	.30	.70	2.98	.39	.22	.46	.24	.01	.85
16	3.20	1.98	1.64	1.27	2.84	3.10	7.20	2.99	1.44	1.33	0.99	1.13
17	2.96	2.06	.56	.25	.89	.82	6.93	.82	.41	.40	.94	2.16
18	3.03	1.85	.52	.24	.92	4.53	.73	.71	.39	.27	.93	1.57
19	2.79	2.06	.46	.24	.70	.93	7.61	.63	.36	.21	.95	.30
20	.33	.99	.45	.23	.75	5.24	8.40	.53	.35	.22	.97	.18
21	1.94	3.23	1.43	1.24	3.52	5.29	8.30	2.44	1.33	1.28	0.96	1.10
22	.75	2.87	.36	.30	.95	5.42	7.85	.36	.31	.21	.93	.04
23	.60	.45	.31	.65	.14	.61	.38	.27	.28	.16	.92	.04
24	.51	.71	1.27	2.74	2.43	.57	6.92	.22	.26	.12	.90	.03
25	.62	3.12	.24	.77	.18	.09	.57	.16	.24	.09	.89	.02
26	2.05	3.92	1.23	2.77	2.02	5.04	6.16	2.11	1.22	1.07	0.88	1.07
27	1.90	4.26	.24	.64	.05	.29	5.73	.05	.20	.05	.88	.17
28	2.08	.35	.25	.23	.27	.36	.27	1.99	.18	.03	.87	.10
29	.19	.08	.29	1.98	.71	.06	.17	.94	.17	.02		.05
30	.02	3.55	.38	.84	3.18	4.57	.21	.89	.15	.00		.00
31		.16		2.21	.28		.74		.13	0.98		0.96
Mean	1.74	2.42	1.91	1.77	2.89	4.11	6.53	3.36	1.46	1.14	0.95	1.04
Max.	3.20	4.35	3.54	2.77	4.06	5.61	8.40	5.77	1.85	1.40	1.01	2.16
Min.	0.97	1.43	1.23	1.23	2.02	2.63	4.65	1.89	1.13	0.98	0.87	0.85

WATER YEAR 1974 : Max. 8.40 m. Min. 0.85 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31,1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.14	5.58	16	4.53	13	22	42	66	6.40	1.65	0.98	0.67
2	0.98	4.88	13	4.67	13	24	45	61	6.08	1.55	0.94	0.78
3	0.98	5.93	13	6.48	13	28	48	55	5.93	1.46	1.02	0.70
4	1.38	8.00	19	10	20	27	50	45	5.72	1.42	1.02	0.64
5	1.55	7.12	25	6.96	20	21	51	37	5.65	1.38	0.94	0.64
6	1.75	5.93	23	5.23	18	15	56	38	5.79	1.34	0.90	0.61
7	1.65	6.00	14	4.88	25	14	67	39	5.39	1.30	0.86	0.61
8	1.46	5.16	11	5.56	32	28	77	40	5.09	1.22	0.90	0.74
9	1.55	4.46	9.00	6.00	32	29	99	36	4.81	1.26	0.90	1.10
10	1.38	3.97	8.00	6.08	26	25	262	33	4.60	1.90	1.06	0.67
11	2.30	3.41	7.50	5.44	16	21	394	29	4.39	1.85	0.98	0.61
12	1.38	5.86	7.70	4.39	12	19	352	27	4.18	2.20	0.94	0.64
13	7.12	7.70	6.96	3.55	10	19	276	26	3.97	2.15	0.90	0.55
14	6.96	6.08	6.08	2.85	11	20	204	24	3.76	2.20	1.10	0.61
15	10	6.08	5.30	2.50	15	18	170	21	3.62	2.20	1.14	0.55
16	21	7.04	4.88	2.35	16	20	144	18	3.48	2.71	1.06	1.65
17	18	8.20	4.32	2.25	17	29	116	16	3.27	3.20	0.86	9.20
18	19	6.46	4.04	2.20	17	40	102	15	3.13	2.35	0.82	4.39
19	16	8.20	3.62	2.20	15	47	213	14	2.92	2.05	0.90	2.50
20	11	18	3.55	2.15	15	53	720	13	2.85	2.10	0.98	1.90
21	7.12	21	3.41	2.20	25	54	606	12	2.71	2.40	0.94	1.50
22	5.65	17	2.92	2.50	31	57	289	11	2.57	2.05	0.82	1.26
23	4.60	12	2.57	4.95	20	62	169	10	2.40	1.80	0.78	1.26
24	3.97	20	2.20	15	12	61	115	9.80	2.30	1.60	0.70	1.22
25	4.74	20	2.20	15	9.40	50	93	9.20	2.20	1.46	0.67	1.18
26	8.10	30	2.15	15	7.80	49	76	8.70	2.10	1.38	0.64	1.38
27	6.80	35	2.20	14	8.10	54	65	8.10	2.00	1.30	0.64	1.85
28	8.40	37	2.25	9.90	10	56	54	7.52	1.90	1.22	0.61	1.50
29	9.50	33	2.45	7.44	15	49	52	7.12	1.85	1.18		1.30
30	7.80	23	3.06	6.32	21	41	52	6.72	1.75	1.10		1.10
31		20		9.70	22		65		1.65	1.02		0.94
Total	193.26	397.08	230.61	190.30	537.30	1,052	5,124	743.16	114.46	54	25.10	44.25
Mean	6.44	12.8	7.69	6.14	17.3	35.1	165	24.8	3.69	1.74	0.82	1.43
Max.	21	37	25	15	32	62	720	66	6.40	3.20	1.14	9.20
Min.	0.98	3.41	2.15	2.15	7.80	14	42	6.72	1.65	1.02	0.61	0.55
Runoff - mcm.	16.697	34.308	19.925	16.442	46.422	90.893	442.714	64.209	9.889	4.666	2.169	3.823

WATER YEAR 1974 : Max. 720 Min. 0.55 Mean 23.8 Annual Runoff 752.157 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.20	12.00	8.48	824				

KHLONG TA NOT RIVER BASIN

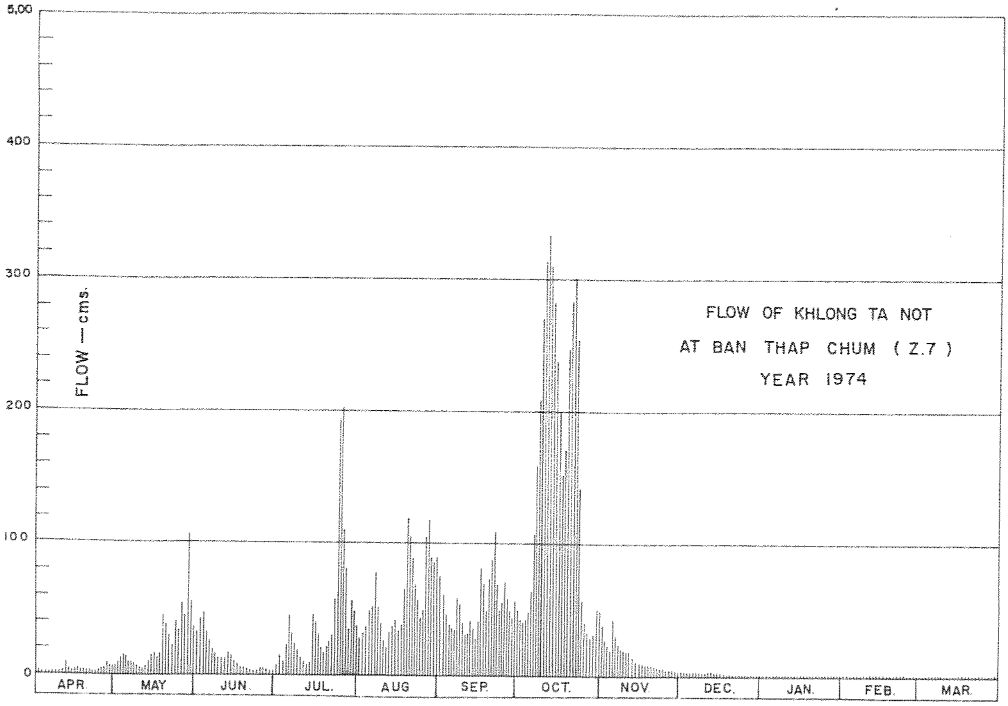
Khlong Ta Not at Ban Thap Chum, Chanthaburi (Z.7)

Location:	Lat. 12°-47'-56" N., Long. 101°-54'-32" E., on right bank about 9 kilometers from entrance of Nikhom Dong Thap and 4 kilometers upstream from Nong Khla market, Amphoe Tha Mai, Chanthaburi.
Drainage Area:	1,318 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 2.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	Along the measuring line.
Elevation:	+ 8.953 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1974.
Rated by Float:	-
Rated by Current Meter:	1965-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 10.90 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 64 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.85	3.75	5.43	3.78	5.25	7.08	6.11	6.06	3.41	3.02	2.90	2.81
2	.87	4.01	.88	4.47	.24	6.54	5.86	5.55	.39	.00	.89	.81
3	3.06	.33	6.09	.10	.46	.55	.81	.05	.38	2.99	.89	.80
4	2.94	.47	.07	.77	.63	.02	.90	4.85	.36	.99	.89	.80
5	.90	.35	5.34	5.00	6.11	5.68	6.18	.77	.35	.99	.89	.79
6	2.84	4.06	5.04	5.95	6.19	5.61	6.66	5.88	3.33	2.98	2.88	2.79
7	.80	3.98	4.69	.37	.33	.55	7.87	.30	.32	.97	.87	.79
8	.94	.79	.47	4.99	7.07	6.41	9.06	4.94	.30	.96	.87	.79
9	3.04	.57	.27	.76	6.17	.27	10.01	.82	.29	.96	.87	.79
10	.12	.46	.23	.40	5.58	5.70	11.00	.73	.27	.97	.87	.79
11	3.20	3.40	4.23	4.19	5.03	5.36	11.48	4.68	3.25	2.99	2.87	2.79
12	.95	.54	.22	3.93	4.85	.44	.64	.76	.23	.98	.87	.79
13	.35	4.00	.58	.88	5.43	.83	.45	.51	.21	.97	.87	.81
14	.20	.44	.38	4.05	.65	.54	.16	.33	.21	.96	.87	.82
15	.30	.54	.16	6.00	.89	.20	10.54	.15	.19	.96	.87	.82
16	3.49	4.53	3.91	5.80	5.46	5.85	9.85	4.08	3.17	2.99	2.90	2.81
17	.39	.26	.81	.35	.64	7.13	.30	3.98	.16	3.01	.89	.79
18	.41	.52	.67	4.81	.74	6.74	8.90	.93	.15	.03	.87	.80
19	.33	5.95	.58	.62	7.43	.11	9.70	.92	.13	.03	.86	.81
20	.28	.70	.47	.92	8.17	.97	10.65	.86	.13	.03	.85	.79
21	3.22	5.33	3.42	5.13	7.82	7.37	11.16	3.77	3.13	3.07	2.85	2.79
22	.16	4.81	.38	.34	.36	.92	.35	.71	.11	.06	.85	.79
23	.13	.75	.32	6.44	6.76	6.75	10.76	.66	.11	.05	.85	.79
24	.09	5.79	.29	8.44	.35	.15	8.68	.62	.10	.01	.84	.79
25	.53	.48	.66	9.75	5.90	.40	6.37	.59	.08	2.97	.83	.79
26	3.47	6.34	3.58	9.91	6.20	6.79	5.79	3.57	3.07	2.98	2.83	2.79
27	.73	5.90	.46	7.96	7.82	.40	.46	.54	.06	.94	.81	.81
28	.95	6.47	.36	5.91	8.39	.06	.25	.50	.05	.93	.81	.80
29	.74	7.86	.35	.60	7.43	5.90	.27	.46	.04	.93		.79
30	.65	6.31	.43	6.38	.30	6.35	.90	.43	.04	.93		.79
31		5.58		.06	.45		6.19		.03	.92		.82
Mean	3.26	4.82	4.19	5.55	6.36	6.25	8.43	4.33	3.19	2.99	2.86	2.80
Max.	3.95	7.86	6.09	9.91	8.39	7.92	11.64	6.06	3.41	3.07	2.90	2.82
Min.	2.80	3.40	3.29	3.78	4.85	5.20	5.25	3.43	3.03	2.92	2.81	2.79

WATER YEAR 1974 : Max. 11.64 m. Min. 2.79 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.50	6.70	32	7.00	28	77	48	47	3.78	1.30	0.70	0.34
2	0.58	9.31	42	15	28	60	42	34	3.63	1.20	0.66	0.34
3	1.50	13	47	10	32	61	40	24	3.56	1.15	0.66	0.30
4	0.90	15	47	19	36	46	43	21	3.42	1.15	0.66	0.30
5	0.70	13	30	23	48	37	50	19	3.35	1.15	0.66	0.28
6	0.46	9.86	24	44	50	36	64	42	3.21	1.10	0.62	0.28
7	0.30	9.00	18	31	54	34	106	39	3.14	1.05	0.58	0.28
8	0.90	7.10	15	23	77	57	158	22	3.00	1.00	0.58	0.28
9	1.40	5.06	12	19	50	52	208	20	2.93	1.00	0.58	0.28
10	1.82	4.18	12	14	35	38	268	19	2.79	1.05	0.58	0.28
11	2.30	3.70	12	11	24	30	312	18	2.65	1.15	0.58	0.28
12	8.70	4.82	12	8.50	21	32	331	19	2.51	1.10	0.58	0.28
13	3.35	9.20	17	8.00	32	41	308	15	2.37	1.05	0.58	0.34
14	2.30	14	14	9.75	37	34	281	13	2.37	1.00	0.58	0.38
15	3.00	16	11	45	42	27	238	11	2.24	1.00	0.58	0.38
16	4.42	16	8.30	40	32	41	199	10	2.12	1.15	0.70	0.34
17	3.63	12	7.30	30	36	79	170	9.00	2.06	1.25	0.66	0.28
18	3.78	16	5.93	20	39	66	151	8.50	2.00	1.35	0.58	0.30
19	3.21	44	5.14	17	89	48	191	8.40	1.88	1.35	0.54	0.34
20	2.86	38	4.26	22	118	73	245	7.80	1.88	1.35	0.50	0.28
21	2.44	30	3.86	26	104	87	281	6.90	1.88	1.55	0.50	0.28
22	2.06	20	3.56	30	87	108	298	6.30	1.76	1.50	0.50	0.28
23	1.88	22	3.14	57	67	67	252	5.84	1.76	1.45	0.50	0.28
24	1.65	40	2.93	129	55	49	140	5.48	1.70	1.25	0.46	0.28
25	4.74	33	5.84	194	43	56	55	5.22	1.60	1.05	0.42	0.28
26	4.26	54	5.14	202	50	68	40	5.06	1.55	1.10	0.42	0.28
27	6.50	43	4.18	110	104	56	32	4.82	1.50	0.90	0.34	0.34
28	8.70	58	3.42	43	127	47	28	4.50	1.45	0.85	0.34	0.30
29	6.60	106	3.35	35	89	43	29	4.18	1.40	0.85		0.28
30	5.75	54	3.94	56	85	55	43	3.94	1.40	0.85		0.28
31		35		47	90		50		1.35	0.80		0.38
Total	91.19	760.93	415.29	1,345.25	1,809	1,605	4,701	448.94	72.24	35.05	15.64	9.42
Mean	3.04	24.5	13.8	43.4	58.3	53.5	152	15.0	2.33	1.13	0.56	0.30
Max.	8.70	106	47	202	127	108	331	47	3.78	1.55	0.70	0.38
Min.	0.30	3.70	2.93	7.00	21	27	28	3.94	1.35	0.80	0.34	0.28
Runoff - mcm.	7.879	65.744	35.881	116.230	156.298	138.672	406.166	38.788	6.242	3.028	1.351	0.814

WATER YEAR 1974 : Max. 331 Min. 0.28 Mean 31.0 Annual Runoff 977.093 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12	06.00	11.68	336				

KHLONG YAI RIVER BASIN

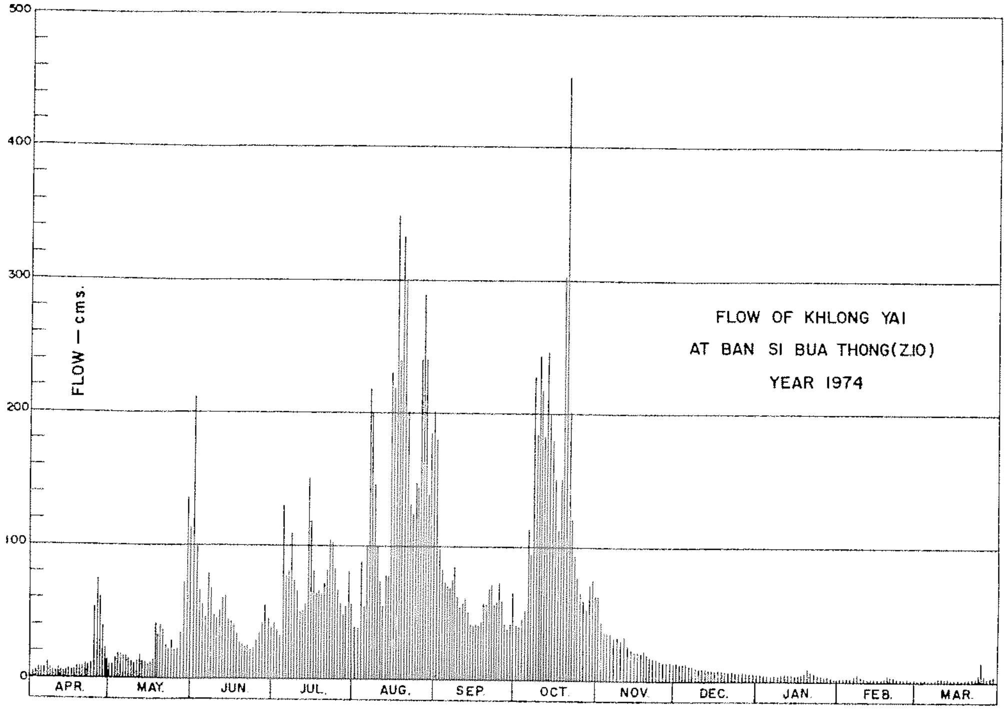
Khlong Yai at Ban Si Bua Thong, Trat (Z.10)

Location:	Lat. 12°-28'-28" N., Long. 102°-28'-52" E., on right bank near Rong Rian Ban Pong, Tambon Ban Si Bua Thong, Amphoe Khao Saming, Trat.
Drainage Area:	920 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near automatic building.
Elevation:	+ 11.280 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1970 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 63 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.08	1.46	6.23	2.28	2.49	5.62	2.54	3.08	1.59	1.29	1.14	1.06
2	.22	.53	4.29	.53	.40	4.02	.49	2.59	.57	.27	.14	.07
3	.19	.77	3.45	.38	.59	3.60	.58	.43	.56	.26	.14	.06
4	.33	.77	.02	.24	3.72	.35	.75	.33	.61	.24	.14	.08
5	.30	.81	2.81	4.65	2.85	.29	3.67	.35	.56	.26	.14	.04
6	1.30	1.68	2.64	3.42	4.22	3.20	4.27	2.34	1.53	1.25	1.15	1.04
7	.51	.73	3.47	.50	6.35	.36	3.84	.20	.52	.25	.35	.03
8	.29	.65	.14	4.18	5.39	.65	6.53	.28	.50	.24	.21	.03
9	.20	.52	2.67	3.38	4.57	.09	5.72	.27	.48	.25	.17	.13
10	.21	.46	.62	.17	3.55	2.84	6.81	.18	.46	.29	.15	.14
11	1.35	1.57	2.86	2.77	3.11	2.92	5.96	2.32	1.46	1.29	1.13	1.09
12	.26	.76	3.01	.81	2.85	3.04	.50	.09	.44	.34	.14	.05
13	.20	.52	.08	.73	3.46	2.73	6.85	.00	.45	.30	.14	.03
14	.19	.58	2.63	3.81	.44	.53	5.28	1.95	.43	.26	.13	.02
15	.36	.52	.59	5.07	6.58	.53	.68	.91	.43	.24	.13	.00
16	1.29	1.45	2.57	3.84	6.36	2.55	5.05	1.87	1.41	1.26	1.12	0.99
17	.28	.56	.31	.23	8.39	.49	4.18	.85	.40	.26	.10	.99
18	.34	2.50	.14	.06	6.75	.59	5.21	.94	.40	.31	.12	1.00
19	.38	.27	.06	.15	8.15	.94	7.69	.90	.40	.35	.25	.00
20	.37	.44	.04	.09	7.70	.88	9.70	.82	.46	.48	.23	.04
21	1.45	2.35	1.93	3.51	6.26	3.20	6.44	1.79	1.37	1.35	1.14	1.10
22	.48	1.93	2.05	.58	4.74	.28	4.36	.74	.36	.26	.11	.13
23	.39	.92	1.92	4.05	.45	2.88	3.85	.72	.34	.23	.08	.11
24	.91	2.13	.95	.03	5.03	.96	.50	.70	.34	.21	.07	.17
25	3.10	1.89	2.13	3.35	4.92	3.32	.20	.68	.34	.20	.06	.72
26	3.36	1.95	2.37	3.05	6.11	2.84	3.07	1.67	1.33	1.19	1.06	1.30
27	2.97	.90	.57	2.85	7.53	.56	2.90	.65	.33	.19	.04	.17
28	.24	2.75	.86	.64	6.75	.42	.80	.64	.33	.17	.06	.08
29	1.70	3.56	.66	3.03	4.81	.53	3.36	.61	.30	.16		.20
30	.49	4.75	.55	.51	5.80	3.13	.36	.59	.30	.15		.19
31		.26		2.77	6.05		.05		.30	.14		.16
Mean	1.56	2.06	2.75	3.28	5.08	3.08	4.59	2.02	1.43	1.26	1.14	1.10
Max.	3.36	4.75	6.23	5.07	8.39	5.62	9.70	3.08	1.61	1.48	1.35	1.72
Min.	1.08	1.45	1.92	2.24	2.40	2.42	2.49	1.59	1.30	1.14	1.04	0.99

WATER YEAR 1974 : Max. 9.70 m. Min. 0.99 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.34	9.58	211	32	40	178	41	63	13	6.00	3.24	2.08
2	4.60	11	114	41	36	102	40	43	12	5.60	3.24	2.21
3	4.04	17	77	36	43	83	43	37	12	5.40	3.24	2.08
4	6.80	17	60	31	88	73	49	34	13	5.00	3.24	2.34
5	6.20	18	52	130	53	71	86	35	12	5.40	3.24	1.82
6	6.20	15	45	76	111	67	113	34	11	5.20	3.40	1.82
7	11	16	78	79	217	74	94	30	11	5.20	7.20	1.69
8	6.00	14	65	109	167	85	227	32	10	5.00	4.40	1.69
9	4.20	11	46	75	127	63	183	32	10	5.20	3.72	3.08
10	4.40	9.58	44	66	81	53	243	29	9.58	6.00	3.40	3.24
11	7.20	12	54	50	64	56	196	34	9.58	6.00	3.08	2.47
12	5.40	17	60	52	53	61	172	26	9.12	7.00	3.24	1.95
13	4.20	11	63	49	78	49	245	24	9.35	6.20	3.24	1.69
14	4.04	12	45	92	77	41	161	22	8.89	5.40	3.08	1.56
15	7.40	11	43	151	230	41	181	21	8.89	5.00	3.08	1.30
16	6.00	9.35	42	94	218	42	150	20	8.43	5.40	2.92	1.17
17	5.80	12	33	69	348	40	109	20	8.20	5.40	2.60	1.17
18	7.00	40	28	62	239	43	158	22	8.20	6.40	2.92	1.30
19	7.80	32	25	65	331	57	299	21	8.20	7.20	5.20	1.30
20	7.60	38	25	63	299	55	453	18	9.58	10	4.80	1.82
21	9.35	35	22	80	212	67	222	18	7.60	7.20	3.24	2.60
22	10	22	25	83	134	71	117	16	7.40	5.40	2.76	3.08
23	8.00	21	21	103	121	55	94	16	7.00	4.80	2.34	2.76
24	21	28	22	102	149	58	79	15	7.00	4.40	2.21	3.72
25	63	20	28	73	143	72	67	15	7.00	4.20	2.08	16
26	74	22	35	61	204	53	62	14	6.80	4.04	2.08	6.20
27	58	21	42	53	288	42	55	14	6.80	4.04	1.82	3.72
28	31	49	54	45	239	37	51	14	6.80	3.72	2.08	2.34
29	15	82	46	61	138	41	74	13	6.20	3.56		4.20
30	10	135	42	80	187	65	74	13	6.20	3.40		4.04
31		113		50	201		61		6.20	3.24		3.56
Total	417.57	880.51	1,547	2,213	4,916	1,895	4,199	745	277.02	166.00	91.09	90.00
Mean	13.9	28.4	51.6	71.4	158	63.2	135	24.8	8.94	5.35	3.25	2.90
Max.	74	135	211	151	348	178	453	63	13	10	7.20	16
Min.	2.34	9.35	21	31	36	37	40	13	6.20	3.24	1.82	1.17
Runoff - mcm.	36.078	76.076	133.660	191.203	424.742	163.728	362.794	64.368	23.934	14.342	7.870	7.776

WATER YEAR 1974 : Max. 453 Min. 1.17 Mean 47.8 Annual Runoff 1,506.573 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.20	08.00	10.08	487				

CHANTHABURI RIVER BASIN

Chanthaburi River at Ban Puk, Chanthaburi (Z.13)

Location: Lat. 12°–45'–40" N., Long. 102°–18'–35" E., on left bank infront of Wat Ban Puk, Amphoe Makham, Chanthaburi.

Drainage Area: 671 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. – H.S.

Location: near automatic gage building.
Elevation: + 8.109 m. (A.D.)

Gage Reading Frequency: 5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April, December – March, recording on May – November 1974.

Basis of Mean Daily Gage Height: Arithmetic mean of 5, 24 hourly readings.

Period of Available Gage Records: 1968 to date.

Rating Operation:

Period of Rating: 1973 to date.
Rated by Float: –
Rated by Current Meter: 1973 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

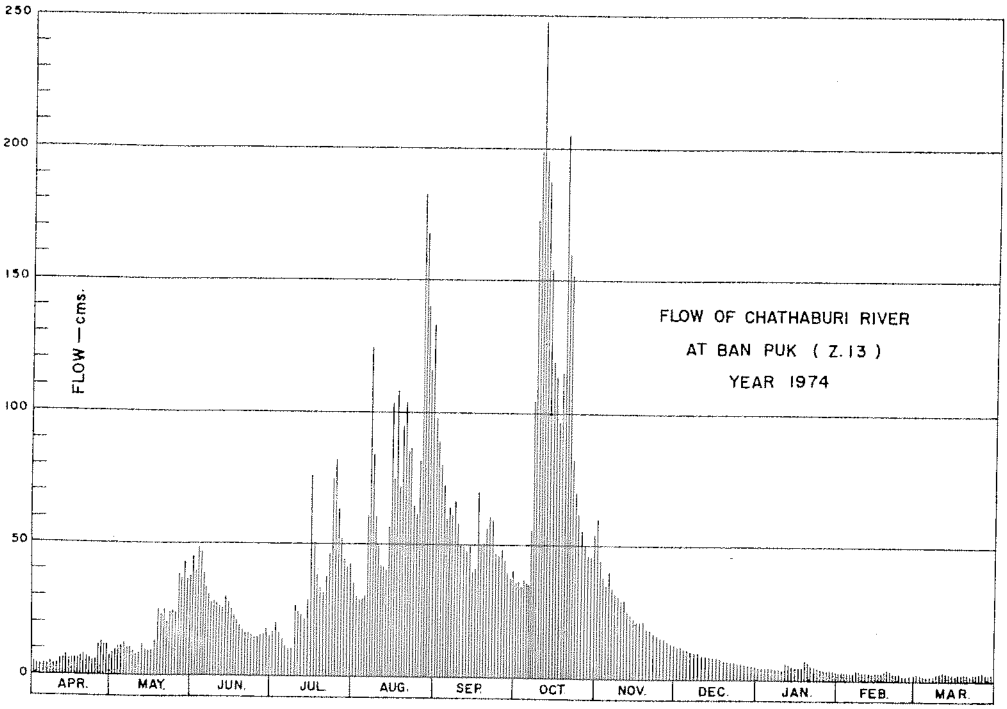
General Description: Records fair. Stage-discharge relation defined by 93 discharge measurements made in 1974.

Remarks: * Estimated gage height by plotted in Hydrograph for Hourly.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.56	0.74	1.96	1.11	1.59	3.34	1.74	2.42	0.92	0.59	0.49	0.44
2	.54	.78	.82	.21	.50	2.98	.73	1.97	.90	.58	.50	.44
3	.53	.82	2.06	.12	.50	.88	.66	.79	.89	.57	.50	.43
4	.53	.84	.01	*0.99	.52	.70	.75	.68	.88	.57	.50	.43
5	.54	.91	1.73	* .95	.58	.42	.72	.82	.87	.56	.49	.43
6	0.52	0.83	1.61	*0.84	2.41	2.52	1.69	1.84	0.85	0.56	0.49	0.41
7	.59	.81	.50	* .83	3.97	.44	2.31	.64	.84	.55	.54	.42
8	.54	.84	.45	* .82	2.99	.57	3.55	.57	.83	.55	.54	.44
9	.51	.75	.47	*1.21	.41	.32	5.09	.53	.82	.54	.51	.45
10	.54	.70	.44	.40	.10	.14	6.26	.49	.80	.54	.49	.49
11	0.62	0.72	1.40	1.30	1.88	2.09	6.59	1.49	0.77	0.66	0.49	0.51
12	.62	.85	.36	.30	.87	.05	5.52	.41	.76	.66	.48	.50
13	.70	.80	.52	.24	.85	.12	.36	.35	.75	.62	.48	.48
14	.64	.75	.46	.46	2.31	1.88	4.63	.31	.75	.60	.48	.47
15	.64	.75	.37	2.80	3.48	.83	3.85	.27	.74	.58	.49	.45
16	0.65	0.78	1.29	2.35	2.79	2.13	3.72	1.23	0.74	0.57	0.48	0.43
17	.69	.89	.25	1.86	3.62	.66	.31	.23	.73	.57	.47	.45
18	.64	1.23	.18	.71	2.72	.10	.77	.25	.72	.59	.51	.44
19	.70	.33	.13	.60	3.24	.16	5.44	.22	.70	.70	.57	.47
20	.71	.26	.08	.58	.50	.31	.73	.15	.69	.66	.56	.46
21	0.69	1.32	1.05	1.75	3.04	2.41	4.75	1.12	0.69	0.63	0.52	0.45
22	.65	.18	.05	.99	.07	.38	3.44	.10	.68	.60	.49	.43
23	.62	.31	.02	2.47	2.61	.04	2.94	.08	.67	.58	.47	.44
24	.60	.32	0.99	.93	.47	1.99	.63	.05	.66	.56	.45	.45
25	.64	.29	.99	.95	.40	2.08	.42	.03	.66	.55	.43	.46
26	0.85	1.80	1.03	*2.47	3.58	2.07	2.26	1.01	0.63	0.54	0.42	0.51
27	.92	.72	.06	* .20	5.25	1.94	.11	0.99	.63	.53	.42	.48
28	.86	.75	.12	1.95	4.92	.81	.01	.97	.62	.54	.42	.45
29	.85	.90	.01	.86	3.79	.76	.00	.95	.61	.52		.46
30	.70	.74	.04	.92	.80	.85	.04	.93	.60	.51		.48
31		.79		.72	4.17		.28		.59	.50		.46
Mean	0.65	1.11	1.35	1.67	2.84	2.26	3.36	1.36	0.74	0.58	0.49	0.45
Max.	0.92	1.90	2.06	2.95	5.25	3.34	6.59	2.42	0.92	0.70	0.57	0.51
Min.	0.51	0.70	0.99	1.11	1.50	1.76	1.66	0.93	0.59	0.50	0.42	0.41

WATER YEAR 1974 : Max. 6.59 m. Min. 0.41 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.20	8.00	44	17	32	97	36	60	12	4.80	2.85	2.10
2	3.80	9.00	39	20	29	83	36	44	12	4.60	3.00	2.10
3	3.60	10	48	18	29	79	34	38	12	4.40	3.00	1.95
4	3.60	10	46	14	30	71	37	34	11	4.40	3.00	1.95
5	3.80	12	36	13	31	60	36	39	11	4.20	2.85	1.95
6	3.40	10	32	10	60	64	35	40	11	4.20	2.85	1.65
7	4.80	9.75	29	10	124	61	56	33	10	4.00	3.80	1.80
8	3.80	10	27	10	83	66	105	31	10	4.00	3.80	2.10
9	3.20	8.25	28	20	60	57	174	30	10	3.80	3.20	2.25
10	3.80	7.00	27	26	49	50	232	29	9.50	3.80	2.85	2.85
11	5.40	7.50	26	23	41	49	248	29	8.75	6.20	2.85	3.20
12	5.40	11	25	23	41	47	195	26	8.50	6.20	2.70	3.00
13	7.00	9.50	30	21	40	50	187	24	8.25	5.40	2.70	2.70
14	5.80	8.25	28	28	56	41	154	23	8.25	5.00	2.70	2.55
15	5.80	8.25	25	75	103	39	119	22	8.00	4.60	2.85	2.25
16	6.00	9.00	23	58	75	50	113	21	8.00	4.40	2.70	1.95
17	6.80	12	21	41	108	70	96	21	7.75	4.40	2.55	2.25
18	5.80	21	19	35	72	49	115	21	7.50	4.80	3.20	2.10
19	7.00	24	18	32	93	51	191	21	7.00	7.00	4.40	2.55
20	7.25	22	16	31	103	56	205	18	6.80	6.20	4.20	2.40
21	6.80	24	16	37	85	60	159	18	6.80	5.60	3.40	2.25
22	6.00	19	16	45	86	59	101	17	6.60	5.00	2.85	1.95
23	5.40	23	15	62	68	47	81	16	6.40	4.60	2.55	2.10
24	5.00	24	14	81	62	45	69	16	6.20	4.20	2.25	2.25
25	5.80	23	14	81	59	48	60	15	6.20	4.00	1.95	2.40
26	11	38	15	62	107	48	55	15	5.60	3.80	1.80	3.20
27	12	36	16	52	182	43	49	14	5.60	3.60	1.80	2.70
28	11	37	18	44	167	39	46	14	5.40	3.80	1.80	2.25
29	11	42	15	41	116	37	45	13	5.20	3.40		2.40
30	7.00	36	15	43	116	40	47	13	5.00	3.20		2.70
31		38		36	133		55		4.80	3.00		2.40
Total	181.25	566.50	741	1,109	2,440	1,656	3,171	755	251.10	140.60	80.45	72.25
Mean	6.04	18.3	24.7	35.8	78.7	55.2	102	25.2	8.10	4.53	2.87	2.33
Max.	12	42	48	81	182	97	248	60	12	7.00	4.40	3.20
Min.	3.20	7.00	14	17	29	37	34	13	4.80	3.00	1.80	1.65
Runoff - mcm.	15.660	48.946	64.022	95.818	210.816	143.078	273.974	65.232	21.695	12.148	6.951	6.242

WATER YEAR 1974 : Max. 248 Min. 1.65 Mean 30.6 Annual Runoff 964.582 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11	06.00	6.71	255				

MAE KLONG RIVER BASIN

Khwae Noi at Wang Pho, Kanchanaburi (K.9)

Location: Lat. 14°-06'-56" N., Long. 99°-08'-20" E., on right bank opposite the Wang Pho railway station, Amphoe Sai Yok, Kanchanaburi.

Drainage Area: 6,902 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 33.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on left bank north of the staff gage line about 30 meters.
Elevation: + 54.582 m. (M.S.L.)

Gage Reading Frequency: 8-line daily readings at 03.00, 06.00, 09.00, 12.00, 15.00, 18.00 21.00 and 24.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 8 readings.

Period of Available Gage Records: 1962-1974.

Rating Operation:

Period of Rating: 1963-1965.
Rated by Float: -
Rated by Current Meter: 1963-1965.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

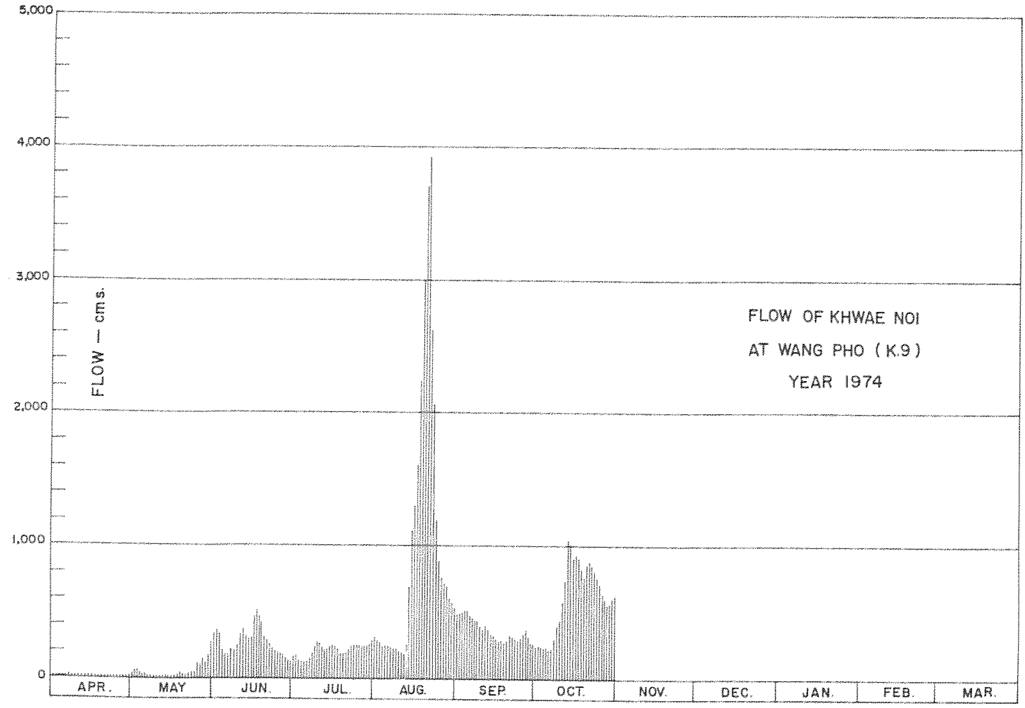
General Description: Records good. Stage-discharge relation defined by 564 discharge measurements made during 1962-1964.

Remarks: Ending gage height records since November 1, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	33.86	34.36	38.46	36.57	38.22	39.77	37.44					
2	.88	.96	.64	.73	.00	.64	.48					
3	.91	.90	.41	.27	37.76	.78	.46					
4	.91	.42	37.28	.08	.46	.92	.44					
5	.97	.18	36.58	.01	.63	.93	.28					
6	33.91	34.10	36.75	36.05	37.52	39.61	37.18					
7	.95	.03	37.14	.31	.36	.46	.35					
8	.90	.01	.14	.80	.24	.24	38.09					
9	.87	33.96	.10	37.48	.28	.22	.91					
10	.84	.94	.52	.89	.09	38.90	39.28					
11	33.85	33.96	38.37	37.76	36.96	38.68	40.35					
12	.88	.98	.69	.44	.95	.89	41.53					
13	.91	34.02	.29	.20	37.60	.75	43.38					
14	.91	.07	.06	.24	41.17	.44	.19					
15	.91	.08	37.98	.51	43.80	.25	42.57					
16	33.90	34.07	39.48	37.62	44.97	38.05	42.78					
17	.88	.05	.95	.52	46.32	37.92	.63					
18	.87	.06	.50	.25	48.86	38.00	.08					
19	.86	.46	.04	.00	51.05	37.80	41.70					
20	.82	.39	38.30	36.90	52.73	38.00	42.26					
21	33.77	34.32	38.01	36.90	53.19	38.36	42.44					
22	.77	.35	37.76	37.25	52.56	.12	.29					
23	.77	.60	.28	.50	48.25	.10	.05					
24	.76	.62	.14	.58	44.24	37.94	41.81					
25	.76	.68	.02	.60	42.49	38.10	.37					
26	33.76	35.82	36.94	37.55	41.72	38.36	40.87					
27	.79	.59	.80	.52	.37	.68	.50					
28	.89	36.28	.53	.50	.24	.30	.28					
29	.91	35.78	.20	.48	40.70	37.83	.35					
30	.92	36.56	.06	.61	.33	.53	.65					
31		37.74		.96	.07		.75					
Mean	33.86	34.66	37.75	37.16	42.00	38.65	40.44					
Max.	33.97	37.74	39.95	37.96	53.19	39.93	43.38					
Min.	33.76	33.94	36.06	36.01	36.95	37.53	37.18					

WATER YEAR 1974 : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	14	29	339	164	312	496	239					
2	14	56	361	176	290	481	242					
3	15	53	333	140	267	498	240					
4	15	32	224	127	240	514	239					
5	17	23	164	122	256	516	224					
6	15	21	178	124	246	477	215					
7	16	19	212	143	231	459	230					
8	15	18	212	182	221	433	299					
9	14	17	208	242	224	430	393					
10	13	19	246	279	207	392	438					
11	13	17	328	267	195	366	567					
12	14	17	367	239	194	391	735					
13	15	19	319	217	253	374	1,036					
14	15	20	296	221	682	337	1,003					
15	15	20	288	245	1,110	315	899					
16	15	20	462	255	1,327	295	934					
17	14	19	518	246	1,605	282	909					
18	14	20	464	221	2,238	290	821					
19	14	33	409	199	2,996	271	761					
20	13	31	320	190	3,698	290	850					
21	11	28	291	190	3,919	327	878					
22	11	29	267	221	2,620	302	854					
23	11	39	224	244	2,066	300	816					
24	11	40	212	251	1,189	284	778					
25	11	42	201	253	886	300	711					
26	11	108	194	248	764	327	640					
27	12	93	182	246	711	366	588					
28	15	141	160	244	692	320	558					
29	15	106	135	242	616	274	567					
30	16	163	125	254	564	247	609					
31		266		286	532		623					
Total	414	1,555	8,239	6,678	31,351	10,954	18,896					
Mean	13.8	50.2	275	215	1,011	1,365	609					
Max.	17	266	518	286	3,919	516	1,036					
Min.	11	16	125	122	194	247	215					
Runoff - mcm.	35.770	134.352	711.850	576.979	2,708.726	946.426	1,632.614					

WATER YEAR 1974 : Max. 3,919 Min. 11 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.21		53.27	3,910				

MAE KLONG RIVER BASIN

Khwae Noi at Ban Lum Sum, Kanchanaburi (K.10)

Location: Lat. 14°-05'-40" N., Long. 99°-10'-28" E., on left bank about 100 meters upstream from Ban Lum Sum railway station, Amphoe Sai Yok, Kanchanaburi.

Drainage Area: 7,008 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: 30.40 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near the gage site.
Elevation: + 52.057 m. (M.S.L.)

Gage Reading Frequency: 16-time daily readings at 03.00, 06.00, 07.00, 09.00, 09.00, 10.00, 11.00, 12.00, 13.00, 14.00, 15.00, 16.00, 17.00, 18.00, 21.00 and 24.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 16 readings.

Period of Available Gage Records: 1965 to date.

Rating Operation:

Period of Rating: 1965 to date.
Rated by Float: -
Rated by Current Meter: 1965 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

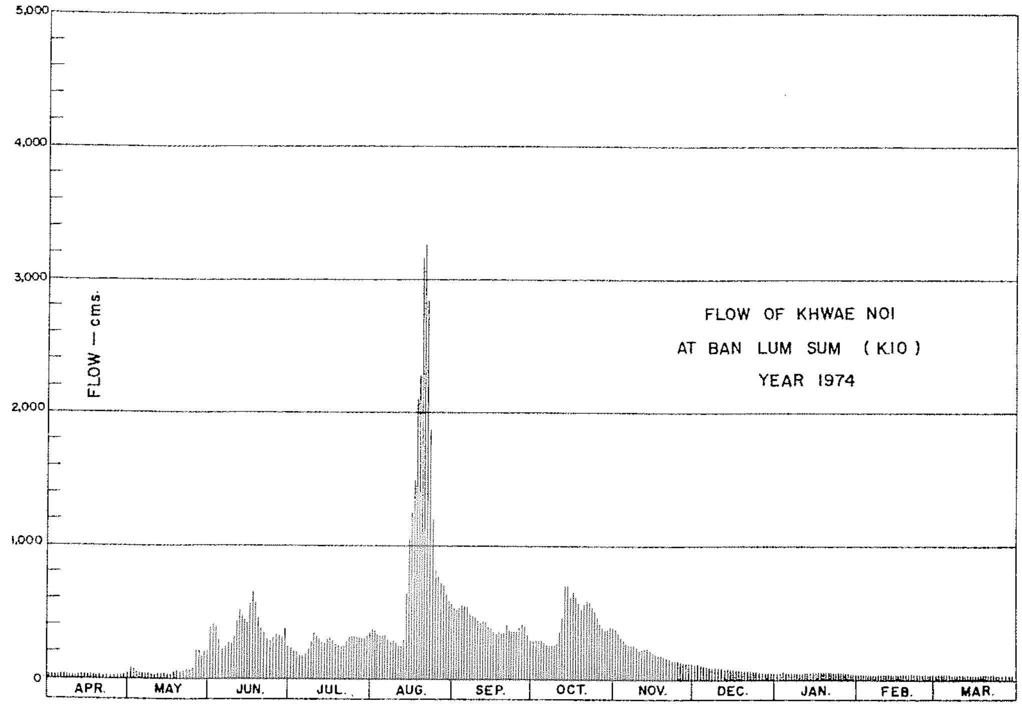
Overbank Flow Conditions: Overbank flow start at elevation + 47.95 m. (M.S.L.) and is included.

General Description: Records good. Stage-discharge relation defined by 50 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	31.28	31.72	35.87	34.15	35.85	37.33	34.90	35.76	32.77	31.97	31.69	31.48
2	.28	32.30	36.11	.04	.67	.20	.99	.54	.74	.96	.68	.61
3	.31	.28	35.83	33.75	.36	.32	.97	.25	.71	.95	.67	.69
4	.30	31.79	34.83	.54	.27	.45	.94	34.93	.67	.94	.67	.60
5	.35	.56	.16	.46	.30	.46	.78	.70	.63	.92	.66	.54
6	31.38	31.47	34.12	33.48	35.20	37.18	34.67	34.56	32.61	31.91	31.66	31.50
7	.34	.42	.70	.72	.00	.01	.57	.53	.58	.89	.66	.48
8	.28	.41	.70	34.16	34.85	36.79	.51	.49	.55	.91	.65	.46
9	.26	.36	.60	.88	.93	.77	.53	.32	.53	.91	.64	.46
10	.24	.33	35.12	35.38	.73	.46	.81	.15	.50	.89	.62	.50
11	31.24	31.34	36.47	35.30	34.50	36.23	35.62	34.06	32.47	31.89	31.61	31.48
12	.26	.39	37.04	34.96	.45	.43	36.77	.23	.43	.89	.59	.46
13	.34	.42	36.70	.67	.90	.31	38.65	.33	.40	.92	.58	.45
14	.30	.45	.37	.63	38.26	.02	.73	.19	.36	.98	.57	.43
15	.30	.42	.30	35.04	41.10	35.83	.01	33.94	.35	32.00	.56	.42
16	31.28	31.41	37.60	35.14	42.33	35.59	38.30	33.78	32.32	32.01	31.56	31.41
17	.26	.35	38.27	34.90	43.62	.42	.13	.65	.29	31.97	.55	.43
18	.28	.41	37.47	.71	46.15	.60	37.61	.56	.26	.89	.55	.46
19	.23	.85	36.52	.48	48.36	.40	.13	.49	.24	.86	.54	.43
20	.22	.78	35.71	.43	49.38	.51	.54	.41	.22	.86	.53	.44
21	31.19	31.68	35.41	34.44	49.61	36.07	37.83	33.33	32.19	32.03	31.53	31.42
22	.17	.74	.09	.77	48.53	35.66	.67	.25	.16	.02	.52	.40
23	.18	32.00	34.86	35.16	45.30	.68	.51	.17	.15	31.91	.51	.39
24	.17	.00	.87	.21	42.10	.53	.22	.12	.12	.87	.49	.38
25	.16	.00	35.29	.24	40.30	.63	36.82	.06	.10	.81	.49	.37
26	31.16	33.07	35.33	35.17	39.30	35.93	36.31	33.01	32.09	31.79	31.48	31.37
27	.16	.99	.29	.14	38.87	36.17	35.95	32.96	.07	.76	.48	.37
28	.26	.81	.10	.10	.76	35.93	.70	.90	.05	.75	.47	.37
29	.31	.27	34.76	.09	.25	.42	.71	.85	.03	.73	-	.37
30	.41	.90	.35	.30	37.86	.08	36.05	.81	.02	.71	-	.36
31		35.16		.63	.56		.06		31.99	.69	-	.35
Mean	31.26	32.07	35.63	34.68	39.41	36.21	36.35	33.91	32.34	31.89	31.44	31.44
Max.	31.41	35.16	38.27	35.63	49.61	37.46	38.73	35.76	32.77	32.03	31.69	31.69
Min.	31.16	31.33	34.12	33.46	34.45	35.08	34.51	32.81	31.99	31.69	31.35	31.35

WATER YEAR 1974 : Max. 49.61 m. Min. 61.16 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	21	39	376	215	374	528	279	365	105	51	38	29
2	21	70	400	206	356	512	288	343	102	51	37	34
3	22	69	372	183	325	526	286	314	100	50	37	38
4	22	42	272	166	316	542	283	282	97	50	37	34
5	24	32	216	160	319	543	267	260	93	49	36	32
6	25	29	213	161	309	510	257	248	92	48	36	30
7	24	27	260	181	289	490	249	245	89	47	36	29
8	21	26	260	216	274	468	244	242	87	48	36	28
9	20	24	251	277	282	466	245	229	85	48	36	28
10	20	23	301	327	263	435	270	215	83	47	35	30
11	20	24	436	319	243	412	351	208	81	47	34	29
12	20	26	493	285	239	432	466	221	78	47	34	28
13	24	27	459	257	279	420	686	229	76	49	33	28
14	22	28	426	254	639	381	696	218	74	52	33	27
15	22	27	419	293	1,025	372	609	198	73	53	32	27
16	21	26	560	303	1,235	348	644	185	71	53	32	26
17	20	24	640	279	1,479	331	624	175	69	51	32	27
18	21	26	544	260	2,085	349	561	168	68	47	32	28
19	19	45	441	241	2,270	329	504	162	66	46	32	27
20	19	42	360	237	3,156	340	553	156	65	46	31	28
21	18	37	330	238	3,250	386	588	149	63	54	31	27
22	17	40	298	266	2,829	355	568	143	62	54	31	26
23	17	53	275	305	1,860	357	549	137	61	48	30	26
24	17	53	276	310	1,194	342	514	133	59	46	30	25
25	16	53	318	313	905	352	471	128	58	43	30	25
26	16	129	322	306	764	382	420	124	57	42	29	25
27	16	202	318	303	712	406	384	120	56	41	29	25
28	20	188	299	299	699	382	359	115	55	40	29	25
29	22	145	265	298	638	331	360	111	54	39		25
30	26	195	231	319	591	297	384	108	54	38		24
31		305		352	555		385		52	38		24
Total	613	2,076	10,631	8,129	29,754	12,324	13,344	5,931	2,285	1,463	928	864
Mean	20.4	66.9	354	262	959	410	430	198	73.7	47.1	33.1	27.8
Max.	26	305	640	352	3,250	543	696	365	105	54	38	38
Min.	16	23	213	160	239	297	244	108	52	38	29	24
Runoff - mcm.	52.963	179.366	918.518	702.346	2,570.746	1,064.734	1,152.922	512.438	197.424	1 26.403	80.179	74.650

WATER YEAR 1974 : Max. 3,250 Min. 16 Mean 242 Annual Runoff 7,632.749 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.21	06.00	49.62	3,294				

MAE KLONG RIVER BASIN

Mae Klong River at Ban Wang Khanai, Kanchanaburi (K.11)

Location: Lat. 13°-56'-55" N., Long. 99°-38'-42" E., on left bank about 3 kilometers downstream from district office of Amphoe Tha Muang, Kanchanaburi.

Drainage Area: 26,449 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 11.93 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: along the gage site.
Elevation: BM1 + 22.097 m. (M.S.L.), BM2 + 22.224 m. (M.S.L.)

Gage Reading Frequency: 13-time daily readings at 06.00, 07.00, 08.00, 09.00, 10.00, 11.00, 12.00, 13.00, 14.00, 15.00, 16.00, 17.00 and 18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 13 readings.

Period of Available Gage Records: 1965 to date.

Rating Operation:

Period of Rating: 1965-1969, 1972 to date.
Rated by Float: -
Rated by Current Meter: 1965-1969, 1972 to date.

Stability of Channel Regimes: Stable, no shifting adjustment but periodic curve are used for flow computation.

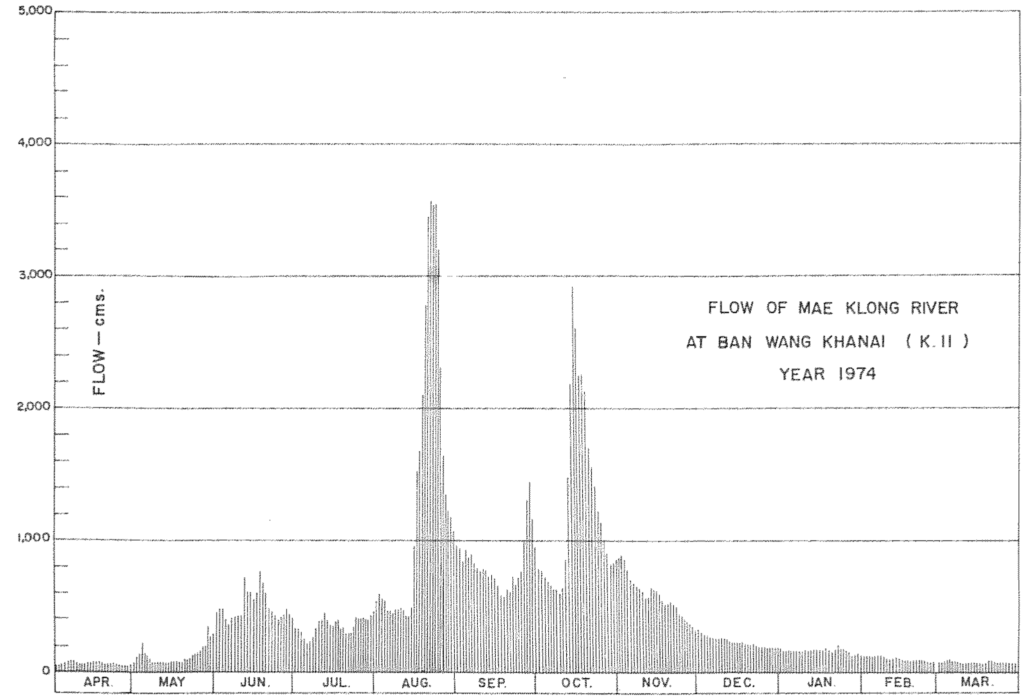
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 168 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	12.29	12.51	14.34	13.90	14.85	16.18	15.63	15.96	13.83	13.14	12.83	12.50
2	.34	.83	.47	.83	.99	15.97	.59	.82	.73	.06	.78	.49
3	.35	.85	.50	.73	.79	.87	.45	.87	.67	.07	.78	.55
4	.40	13.26	.47	.61	.76	16.08	.39	.59	.67	.08	.79	.60
5	.44	12.83	.06	.32	.45	15.93	.25	.32	.61	.06	.78	.64
6	12.50	12.72	13.95	13.29	14.43	16.01	15.18	15.25	13.56	13.06	12.79	12.60
7	.49	.54	14.20	.47	.36	15.75	.11	.20	.56	.05	.83	.57
8	.45	.40	.23	.57	.49	.70	.09	.12	.55	.03	.83	.51
9	.34	.40	.26	.86	.50	.60	14.99	.07	.55	.02	.77	.46
10	.27	.39	.29	14.10	.53	.65	15.15	14.96	.56	.03	.66	.46
11	12.32	12.40	14.29	14.12	14.46	15.63	15.85	14.80	13.55	13.03	12.64	12.45
12	.34	.39	15.40	.35	.29	.43	17.56	.92	.52	.08	.66	.46
13	.37	.39	.04	.11	.28	.51	18.96	15.13	.43	.11	.69	.47
14	.41	.40	.03	.00	.56	.49	20.13	.09	.43	.11	.72	.48
15	.42	.46	14.83	13.92	16.24	.32	19.66	.03	.43	.10	.70	.45
16	12.41	12.45	14.83	14.12	17.70	15.17	19.11	14.89	13.43	13.11	12.63	12.43
17	.42	.45	15.33	.13	18.02	14.94	.11	.75	.41	.12	.59	.41
18	.42	.43	.56	13.89	.82	.91	18.86	.64	.35	.17	.58	.35
19	.38	.40	.25	.91	19.94	15.11	.63	.66	.34	.03	.54	.44
20	.25	.62	14.86	.72	20.88	.04	.01	.74	.34	12.97	.56	.57
21	12.28	12.62	14.48	13.73	21.02	14.99	17.70	14.65	13.30	12.99	12.62	12.53
22	.35	.64	.41	.73	20.98	15.40	.45	.47	.25	13.31	.64	.48
23	.41	.79	.26	.95	.99	.23	.15	.35	.23	.27	.64	.46
24	.32	.87	.18	14.25	.54	.50	16.96	.27	.23	.02	.63	.48
25	.22	.95	.16	.22	19.18	.61	.75	.21	.19	.01	.53	.44
26	12.19	12.96	14.28	14.21	17.92	16.39	16.29	14.12	13.20	13.01	12.47	12.41
27	.24	13.20	.32	.22	.23	17.20	.05	.04	.20	12.93	.50	.38
28	.25	.90	.46	.14	16.97	.49	15.78	13.99	.19	.85	.49	.41
29	.29	.66	.33	.35	.83	16.70	.79	.92	.19	.89		.38
30	.38	.51	.16	.28	.52	.15	.83	.77	.19	.95		.37
31		.68		.52	.25		.92		.17	.87		.31
Mean	12.35	12.77	14.54	13.95	16.77	15.73	16.79	14.82	13.41	13.05	12.67	12.47
Max.	12.50	13.90	15.56	14.52	21.02	17.49	20.13	15.96	13.83	13.31	12.83	12.64
Min.	12.19	12.39	13.95	13.29	14.28	14.91	14.99	13.77	13.17	12.85	12.47	12.31

WATER YEAR 1974 : Max. 21.02 m. Min. 12.19 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	42	81	442	336	564	939	776	872	321	181	129	80
2	50	129	473	321	598	875	765	831	299	166	121	79
3	52	132	480	299	550	845	726	845	285	168	121	87
4	61	203	473	272	542	908	709	765	285	170	122	94
5	69	129	374	215	468	863	670	690	272	166	121	100
6	80	111	348	209	463	887	650	670	262	166	122	94
7	79	86	408	244	446	810	631	656	262	164	129	90
8	73	67	415	264	478	796	625	634	260	161	129	81
9	60	67	422	327	480	768	598	620	260	159	119	75
10	51	66	430	384	487	782	642	591	262	161	102	75
11	57	67	430	389	470	776	839	552	260	161	100	73
12	60	66	712	444	430	720	1,462	581	254	170	102	75
13	63	66	612	386	427	743	2,170	636	236	175	107	76
14	68	67	609	360	494	737	2,904	625	236	175	111	77
15	70	75	559	341	959	690	2,596	609	236	173	106	73
16	68	73	559	389	1,525	648	2,258	574	236	175	98	71
17	70	73	692	391	1,678	586	2,258	540	232	177	93	68
18	70	71	757	334	2,091	578	2,114	514	220	186	91	61
19	65	67	670	338	2,778	631	1,991	518	219	161	86	72
20	49	97	566	296	3,454	612	1,673	538	219	151	88	90
21	53	97	475	299	3,561	598	1,525	516	211	154	97	84
22	61	100	458	299	3,531	712	1,414	497	201	213	100	77
23	68	122	422	348	3,538	664	1,288	444	198	205	100	75
24	57	135	403	420	3,196	740	1,213	425	198	159	98	77
25	45	148	398	413	2,300	771	1,137	410	190	158	84	72
26	42	150	427	410	1,630	1,011	976	389	192	158	76	68
27	48	192	436	413	1,320	1,308	899	370	192	145	80	65
28	49	336	470	394	1,217	1,432	819	358	190	132	79	68
29	54	283	439	444	1,165	1,120	822	341	190	138		65
30	65	252	398	427	1,057	929	834	305	190	148		63
31		288		485	962		860		186	135		56
Total	1,799	3,896	14,757	10,891	42,859	24,479	38,844	16,916	7,254	5,111	2,913	2,361
Mean	60.0	126	492	351	1,382	816	1,253	564	234	165	104	76.2
Max.	80	336	757	485	3,561	1,432	2,904	872	321	213	129	100
Min.	42	66	348	209	427	578	598	305	186	132	76	56
Runoff - mcm.	155.434	336.614	1,275.005	940.982	3,703.018	2,114.986	3,356.122	1,461.542	626.746	441.590	251.683	203.990

WATER YEAR 1974 : Max. 3,561 Min. 42 Mean 471 Annual Runoff 14,867.712 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21	06.00	21.06	3,592				

KHWAE YAI RIVER BASIN

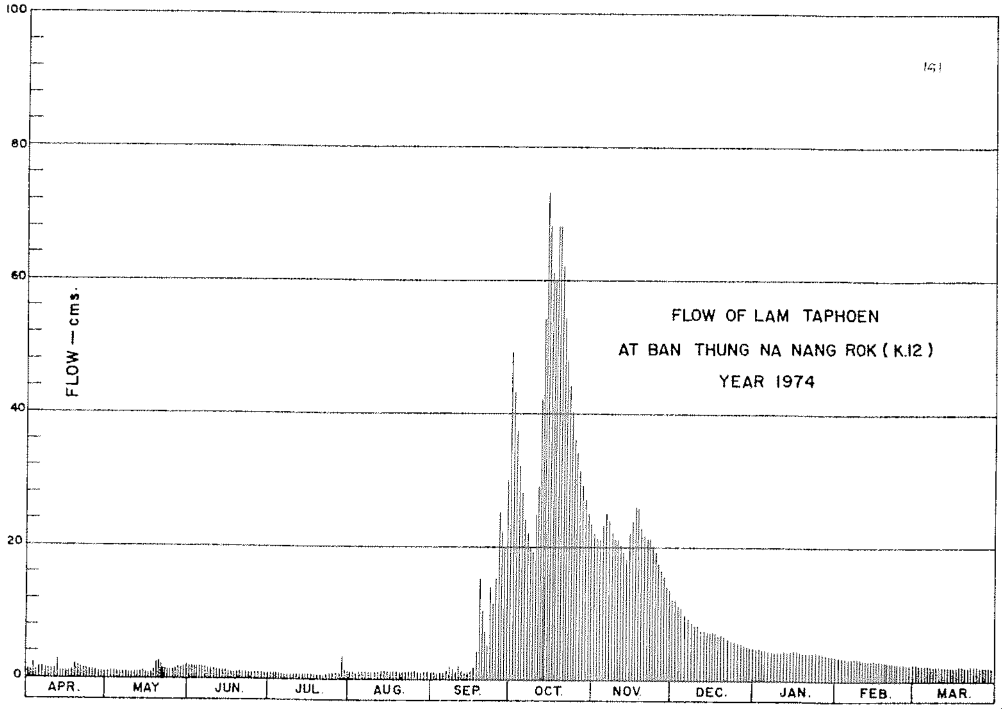
Lam Taphoen at Ban Thung Na Nang Rok, Kanchanaburi (K.12)

Location:	Lat. 14°-09'-15" N., Long. 99°-25'-06" E., on left bank about 50 meters downstream from Wat Thung Na Nang Rok, Tambon Lat Ya, Amphoe Muang, Kanchanaburi.
Drainage Area:	2,340 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	at the corner of Sala Wat Thung Na Nang Rok.
Elevation:	+ 9.260 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1968.
Rated by Float:	-
Rated by Current Meter:	1965-1968.
Stability of Channel Regimes:	Stable, shifting adjustment is included for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 168 discharge measurements made in 1967.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.80	0.69	0.96	0.67	0.68	0.67	6.35	3.84	2.72	1.62	1.38	1.12
2	.74	.73	.95	.64	.69	.67	5.85	.78	.65	.63	.36	.10
3	1.07	.74	.95	.64	.60	.67	.30	.75	.57	.61	.35	.10
4	0.73	.72	.96	.64	.75	.67	4.86	.83	.50	.59	.33	.10
5	.81	.72	.96	.63	.70	.66	.46	4.06	.44	.57	.32	.09
6	0.92	0.69	0.93	0.63	0.68	0.65	4.11	4.15	2.38	1.55	1.31	1.08
7	.87	.67	.91	.62	.70	.96	3.83	.09	.32	.53	.30	.07
8	.84	.67	.88	.61	.67	.95	.63	3.81	.27	.51	.31	.06
9	.82	.66	.86	.62	.67	.92	.52	.71	.19	.51	.31	.06
10	.79	.66	.84	.62	.68	.75	4.17	.70	.20	.51	.29	.06
11	0.77	0.65	0.82	0.61	0.69	1.00	4.57	3.67	2.16	1.51	1.29	1.05
12	1.16	.64	.80	.61	.73	0.87	5.79	.68	.12	.54	.28	.04
13	0.74	.64	.79	.61	.74	.72	6.80	.47	.08	.51	.26	.04
14	.72	.73	.77	.60	.76	.69	8.23	.62	.04	.53	.25	.03
15	.71	.69	.76	.60	.76	.70	7.86	.86	.02	.57	.24	.03
16	0.70	0.63	0.74	0.60	0.75	0.85	7.33	4.12	2.04	1.56	1.23	1.02
17	.70	.68	.74	.60	.74	.98	.23	.29	.01	.54	.22	.00
18	.89	.73	.73	.59	.73	1.46	.85	.22	1.95	.52	.21	.07
19	1.00	.85	.72	.58	.72	3.08	.85	.00	.97	.51	.20	.03
20	0.96	1.15	.71	.57	.71	2.41	.39	3.80	.95	.50	.19	.01
21	0.90	1.12	0.70	0.57	0.70	1.98	6.79	3.73	1.94	1.49	1.18	1.00
22	.86	0.84	.69	.58	.70	.68	.29	.74	.88	.48	.17	.05
23	.82	.80	.68	.58	.69	2.97	5.94	.69	.83	.48	.15	.06
24	.80	.80	.68	.63	.70	.54	.59	.59	.82	.52	.15	.05
25	.77	.80	.68	.64	.70	3.07	.20	.44	.80	.50	.14	.05
26	0.75	0.85	0.68	0.69	0.69	3.62	5.02	3.30	1.77	1.46	1.14	1.04
27	.74	.89	.67	.67	.70	4.12	4.77	.15	.75	.44	.13	.04
28	.72	.91	.66	.57	.70	3.57	.57	.02	.71	.42	.11	.03
29	.71	.90	.66	1.30	.68	.92	.35	2.91	.68	.41		.04
30	.70	.93	.66	0.85	.67	5.67	.12	.80	.66	.40		.03
31		.97		.83	.68		3.94		.65	.38		.03
Mean	0.81	0.74	0.78	0.65	0.70	1.78	5.19	0.71	2.23	1.52	1.24	1.05
Max.	1.16	1.15	0.96	1.30	0.76	5.67	8.23	4.29	2.72	1.62	1.38	1.12
Min.	0.70	0.63	0.66	0.57	0.60	0.65	3.52	2.80	1.65	1.38	1.11	1.03

WATER YEAR 1974 : Max. 8.23 m. Min. 0.57 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.30	0.97	1.84	0.91	0.94	0.91	49	22	12	4.81	3.60	2.48
2	1.12	1.09	1.80	0.82	0.97	0.91	43	21	12	4.86	3.50	2.40
3	2.28	1.12	1.80	0.82	0.70	0.91	37	21	11	4.75	3.45	2.40
4	1.09	1.06	1.84	0.82	1.15	0.91	32	22	11	4.65	3.35	2.40
5	1.33	1.06	1.84	0.79	1.00	0.88	28	24	10	4.55	3.30	2.36
6	1.68	0.97	1.72	0.79	0.94	0.85	24	25	9.66	4.45	3.25	2.32
7	1.51	0.91	1.64	0.76	1.00	1.84	22	24	9.24	4.35	3.20	2.28
8	1.42	0.91	1.54	0.73	0.91	1.80	20	22	8.89	4.25	3.25	2.24
9	1.36	0.88	1.48	0.76	0.91	1.68	19	21	8.33	4.25	3.25	2.24
10	1.27	0.88	1.42	0.76	0.94	1.15	25	21	8.40	4.25	3.16	2.24
11	1.21	0.85	1.36	0.73	0.97	2.00	29	20	8.12	4.25	3.16	2.20
12	2.64	0.82	1.30	0.73	1.09	1.51	42	20	7.84	4.40	3.12	2.16
13	1.12	0.82	1.27	0.73	1.12	1.06	54	18	7.57	4.25	3.04	2.16
14	1.06	1.09	1.21	0.70	1.18	0.97	73	20	7.31	4.35	3.00	2.12
15	1.03	0.97	1.18	0.70	1.16	1.00	68	22	7.18	4.55	2.96	2.12
16	1.00	0.79	1.12	0.70	1.15	1.45	61	25	7.31	4.50	2.92	2.08
17	1.00	0.94	1.12	0.70	1.12	1.92	60	26	7.11	4.40	2.88	2.00
18	1.57	1.09	1.09	0.68	1.09	4.00	68	26	6.72	4.30	2.84	2.28
19	2.00	1.45	1.06	0.66	1.06	15	68	23	6.85	4.25	2.80	2.12
20	1.84	2.60	1.03	0.64	1.03	10	62	22	6.72	4.20	2.76	2.04
21	1.60	2.48	1.00	0.64	1.00	6.92	54	21	6.66	4.15	2.72	2.00
22	1.48	1.42	0.97	0.66	1.00	5.14	48	21	6.28	4.10	2.68	2.20
23	1.36	1.30	0.94	0.66	0.97	14	44	21	5.98	4.10	2.60	2.24
24	1.30	1.30	0.94	0.79	1.00	11	40	20	5.92	4.30	2.60	2.20
25	1.21	1.30	0.94	0.82	1.00	15	36	18	5.80	4.20	2.56	2.20
26	1.15	1.45	0.94	0.97	0.97	20	34	17	5.63	4.00	2.56	2.16
27	1.12	1.57	0.91	0.91	1.00	25	31	16	5.52	3.90	2.52	2.16
28	1.06	1.64	0.88	0.64	1.00	19	29	15	5.30	3.80	2.44	2.12
29	1.03	1.60	0.88	3.20	0.94	23	27	14	5.14	3.75	-	2.16
30	1.00	1.72	0.88	1.45	0.91	41	25	13	5.03	3.70	-	2.12
31		1.88		1.39	0.94		23		4.97	3.60	-	2.12
Total	41.14	38.93	37.94	27.06	31.18	230.81	1,275	621	235.48	132.22	83.47	68.32
Mean	1.37	1.25	1.26	0.87	1.00	7.69	41.1	20.7	7.59	4.26	2.98	2.20
Max.	2.64	2.60	1.84	3.20	1.18	41	73	26	12	4.81	3.60	2.48
Min.	1.00	0.79	0.88	0.64	0.70	0.85	19	13	4.97	3.60	2.44	2.12
Runoff - mcm.	3.554	3.364	3.278	2.338	2.694	19.942	110.160	53.654	20.345	11.424	7.212	5.903

WATER YEAR 1974 : Max. 73 Min. 0.64 Mean 7.73 Annual Runoff 243.868 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.14	03.00	8.31	74				

MAE KLONG RIVER BASIN

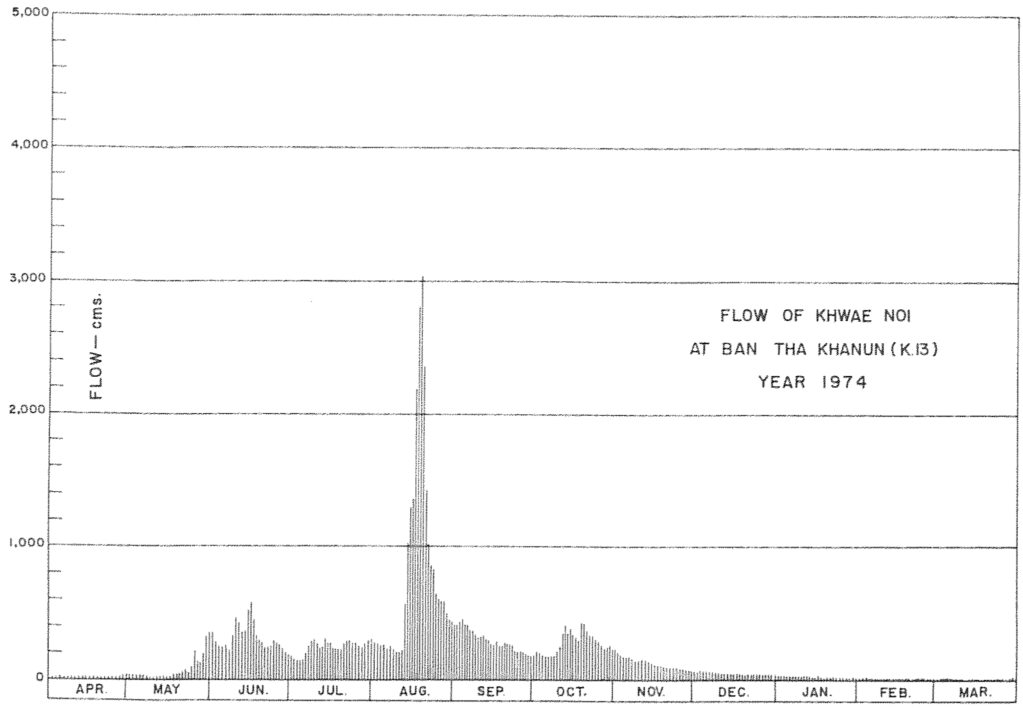
Khwae Noi at Ban Tha Khanun, Kanchanaburi (K. 13)

Location:	Lat. 14°-43'-50" N., Long. 98°-38'-32" E., on right bank at Pompe Village, 200 meters downstream from Wat Tha Khanun, Amphoe Thong Pha Phum, Kanchanaburi.
Drainage Area:	4,047 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 73.70 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	on right bank near the K13 Station office.
Elevation:	+ 97.200 m. (M.S.L.)
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:	1965 to date.
Rating Operation:	
Period of Rating:	1965-1971.
Rated by Float:	-
Rated by Current Meter:	1965-1971.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 789 discharge measurements made during 1966-1970.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	75.74	76.01	79.25	77.74	78.78	79.73	77.85	78.24	76.66	76.24	76.03	75.89
2	.73	75.98	.17	.49	.50	.81	78.03	.04	.60	.24	.03	.95
3	.83	.93	78.51	.41	.54	.88	77.94	77.86	.63	.24	.01	.93
4	.86	.90	.28	.36	.48	.99	.87	.76	.61	.24	.00	.92
5	.83	.87	.28	.44	.53	.73	.82	.68	.59	.24	75.99	.92
6	75.77	75.83	78.38	77.68	78.29	79.66	77.73	77.75	76.57	76.23	75.98	75.88
7	.74	.80	.10	78.12	.27	.46	.80	.70	.56	.23	.97	.85
8	.73	.79	.10	.80	.41	.46	.74	.56	.55	.23	.96	.83
9	.71	.79	.95	.82	.21	.21	.92	.49	.55	.23	.94	.83
10	.69	.76	80.05	.76	.09	78.96	78.12	.45	.53	.22	.94	.82
11	75.78	75.77	79.87	78.48	78.04	79.19	78.52	77.54	76.50	76.20	75.93	75.82
12	.78	.84	.35	.28	.13	.09	79.37	.51	.47	.23	.93	.82
13	.79	.84	.29	.43	80.76	78.86	.69	.43	.45	.18	.93	.81
14	.78	.84	.45	.83	83.95	.83	.32	.33	.44	.14	.92	.81
15	.75	.80	80.43	.66	84.78	.61	.49	.25	.43	.12	.91	.80
16	75.71	75.80	80.77	78.57	85.13	78.56	79.15	77.16	76.42	76.14	75.90	75.80
17	.67	76.00	79.85	.32	88.99	.72	.01	.13	.39	.21	.90	.79
18	.66	.11	.17	.28	91057	.49	78.84	.08	.37	.16	.90	.79
19	.64	.10	78.72	.26	92.49	.51	79.87	.01	.36	.15	.89	.78
20	.64	.10	.65	.23	89.68	.73	.84	76.99	.35	.11	.89	.78
21	75.64	76.24	78.34	78.69	85.42	78.56	79.45	76.94	76.33	76.08	75.89	75.77
22	.64	.53	.34	.73	83.30	.61	.17	.92	.32	.08	.89	.76
23	.64	.27	.36	.83	82.49	.37	.28	.86	.31	.04	.89	.76
24	.64	.26	.82	.68	.33	.14	.02	.84	.30	.04	.88	.75
25	.64	77.07	.64	.73	81.18	.17	78.72	.81	.30	.04	.88	.75
26	75.74	78.02	78.63	78.57	81.04	78.13	78.56	76.78	76.28	76.04	75.87	75.75
27	.76	77.37	.48	.45	80.97	.03	.44	.78	.28	.03	.87	.75
28	.81	.27	.24	.33	.86	77.91	.33	.72	.27	.01	.87	.74
29	.98	.84	77.96	.58	.32	.83	.45	.71	.26	75.99		.74
30	76.03	78.90	.81	.71	.01	.78	.54	.68	.25	.99		.74
31		79.27		.89	79.82		.20		.25	76.00		.74
Mean	75.74	76.42	78.87	78.36	81.78	78.83	78.65	77.27	76.43	76.14	75.93	75.81
Max.	76.03	79.27	80.77	78.89	92.49	79.99	79.87	78.24	76.66	76.24	76.03	75.95
Min.	75.64	75.76	77.81	77.36	78.04	77.78	77.73	76.68	76.25	75.99	75.87	75.74

WATER YEAR 1974 : Max. 92.49 m. Min. 75.64 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	14	29	346	174	290	412	185	226	74	45	30	21
2	13	27	336	149	256	423	203	204	70	45	30	25
3	18	24	257	141	261	433	194	186	72	45	29	24
4	20	22	231	136	254	449	187	176	71	45	28	23
5	18	20	231	144	260	412	182	168	69	45	27	23
6	15	18	242	168	232	402	173	175	68	44	27	21
7	14	16	211	213	230	374	180	170	67	44	26	19
8	13	16	211	292	245	374	174	156	66	44	26	18
9	12	16	310	294	223	341	192	149	66	44	24	18
10	12	14	457	287	210	311	213	144	65	43	24	17
11	15	15	432	254	204	339	258	154	63	42	24	17
12	15	18	359	231	214	327	362	151	61	44	24	17
13	16	18	352	248	564	299	407	143	59	41	24	17
14	15	18	373	296	1,122	296	356	133	59	38	23	17
15	14	16	511	275	1,288	269	379	125	58	36	23	16
16	12	16	565	264	1,358	263	334	116	57	38	22	16
17	11	28	429	235	2,177	282	317	113	55	43	22	16
18	10	36	336	231	2,790	255	297	108	54	39	22	16
19	9.60	35	282	229	3,029	257	432	101	53	38	21	15
20	9.60	35	274	225	2,335	284	428	99	52	36	21	15
21	9.60	45	237	279	1,416	263	373	95	51	34	21	15
22	9.60	65	237	284	1,000	269	336	94	50	34	21	14
23	9.60	47	240	296	854	241	350	89	50	31	21	14
24	9.60	46	294	278	825	215	318	87	49	31	21	14
25	9.60	107	273	284	631	219	282	85	49	31	21	14
26	14	202	272	264	608	214	263	83	48	31	20	14
27	14	137	254	250	597	203	249	83	48	30	20	14
28	17	127	226	236	580	191	236	78	47	29	20	14
29	27	184	196	266	495	183	250	78	46	27		14
30	30	304	181	281	451	178	261	76	45	27		14
31		349		303	425		222		45	28		14
Total	426.20	2,050	9,155	7,507	25,424	8,978	8,593	3,845	1,787	1,172	662	526
Mean	14.2	66.1	305	242	820	299	277	128	57.6	37.8	23.6	17.0
Max.	30	349	565	303	3,029	449	432	226	74	45	30	25
Min.	9.60	14	181	136	204	178	173	76	45	27	20	14
Runoff - mcm.	36.823	177.120	790.992	648.605	2,196.634	775.699	742.435	332.208	154.397	101.261	57.197	45.446

WATER YEAR 1974 : Max. 3,029 Min. 9.60 Mean 192 Annual Runoff 6,058.817 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	06.00	92.64	3,068				

KHWAE NOI RIVER BASIN

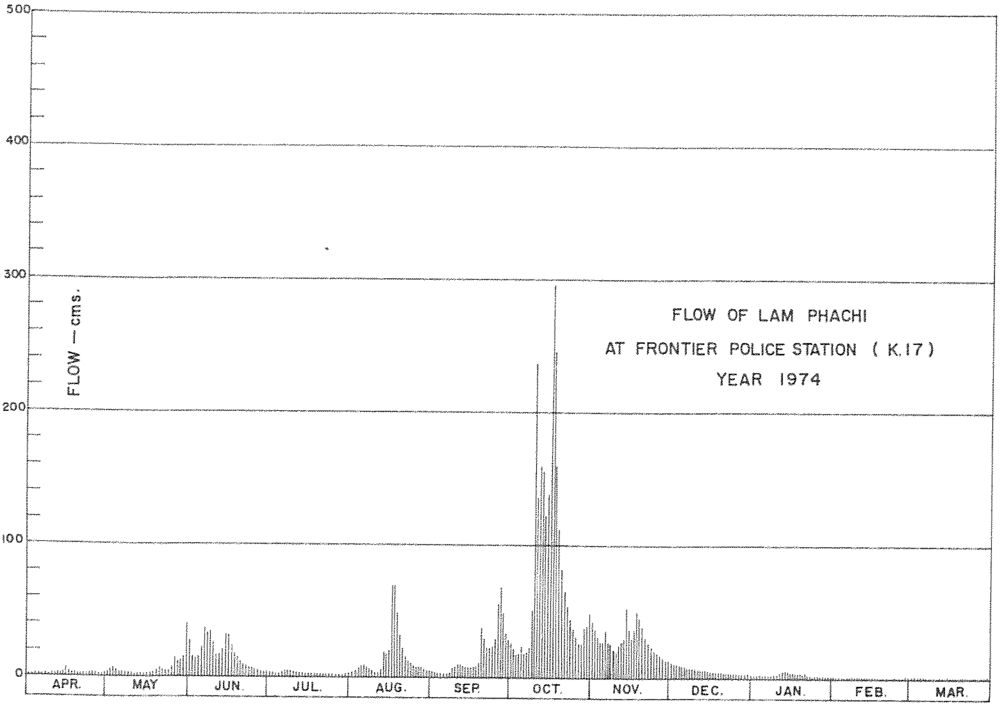
Lam Phachi at Frontier Police Station, Ratchaburi (K.17)

Location:	Lat. 13°-32'-41" N., Long. 99°-21'-22" E., on left bank opposite to the "Sai Ngam" frontier police station, Tambon Suan Phung, Amphoe Chom Bung, Ratchaburi.
Drainage Area:	1,355 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	along the measuring line.
Elevation:	+ 11.799 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 16 and 24 hourly readings.
Period of Available Gage Records:	1966 to date.
Rating Operation:	
Period of Rating:	1966 to date.
Rated by Float:	-
Rated by Current Meter:	1966 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment but periodic curve are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 184 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	-0.02	0.23	1.21	0.28	0.18	0.37	1.27	1.43	0.59	0.14	0.03	-0.09
2	0.09	.41	0.87	.28	.23	.33	.10	.32	.56	.14	.03	-0.10
3	.09	.45	.77	.24	.34	.29	0.94	.14	.53	.12	.02	-0.08
4	.11	.30	.81	.22	.41	.27	.95	.05	.51	.11	.01	-0.08
5	.07	.20	.85	.20	.54	.22	1.18	.06	.48	.11	.01	-0.09
6	0.07	0.23	1.28	0.20	0.58	0.21	0.99	1.28	0.45	0.10	0.00	-0.11
7	.05	.19	.55	.26	.52	.20	1.00	.05	.44	.17	.00	-0.12
8	.06	.14	.40	.33	.44	.23	.16	.00	.41	.13	.02	-0.12
9	.11	.10	.47	.39	.35	.52	2.07	0.87	.38	.12	.00	-0.13
10	.11	.08	.17	.36	.28	.49	4.15	.81	.37	.14	.00	-0.11
11	0.24	0.12	0.98	0.29	0.23	0.64	3.16	1.02	0.34	0.25	0.01	-0.10
12	.19	.11	.89	.24	.20	.66	.43	.03	.33	.31	-0.01	-0.11
13	.22	.08	1.01	.20	.38	.63	.38	.14	.32	.34	-0.02	-0.12
14	.17	.08	.13	.20	1.02	.55	2.99	.65	.30	.33	-0.03	-0.14
15	.51	.08	.44	.18	0.92	.54	3.19	.26	.29	.23	-0.04	-0.14
16	0.27	0.10	1.39	0.18	1.04	0.52	4.48	1.09	0.29	0.19	-0.05	-0.15
17	.18	.15	.15	.16	2.23	.60	.64	.35	.28	.16	-0.06	-0.15
18	.12	.14	0.93	.14	.23	.54	3.36	.60	.27	.15	-0.06	-0.05
19	.08	.22	.79	.14	1.76	.65	2.79	.50	.26	.15	-0.06	-0.08
20	.09	.19	.69	.13	.37	1.54	.40	.35	.25	.17	-0.07	-0.10
21	0.12	0.41	0.62	0.12	1.11	1.30	2.14	1.20	0.26	0.13	-0.07	-0.02
22	.11	.35	.55	.11	0.92	.13	1.89	.08	.24	.12	-0.07	-0.06
23	.08	.25	.51	.12	.79	.11	.73	0.98	.22	.11	-0.07	-0.07
24	.25	.19	.45	.11	.70	.15	.53	.91	.22	.09	-0.08	-0.07
25	.20	.22	.41	.11	.63	.35	.37	.86	.21	.08	-0.08	-0.06
26	0.15	0.62	0.37	0.14	0.55	1.98	1.24	0.80	0.20	0.08	-0.08	-0.10
27	.14	.87	.34	.18	.53	2.22	.16	.75	.20	.07	-0.08	-0.11
28	.14	.70	.31	.15	.54	1.93	.13	.70	.18	.06	-0.09	-0.12
29	.11	.78	.30	.14	.49	.50	.44	.66	.17	.05		-0.10
30	.11	1.12	.32	.14	.44	.33	.34	.62	.17	.04		-0.10
31		.65		.14	.41		.59		.15	.04		-0.07
Mean	0.14	0.35	0.86	0.20	0.72	0.83	2.10	1.08	0.32	0.14	-0.89	-0.10
Max.	0.51	1.65	1.55	0.39	2.23	2.22	4.64	1.65	0.59	0.34	0.03	-0.02
Min.	-0.02	0.08	0.30	0.11	0.18	0.20	0.94	0.62	0.15	0.04	-0.09	-0.15

WATER YEAR 1974 : Max. 4.64 m. Min. -0.02 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.12	3.22	25	3.92	2.64	5.18	27	42	12	4.22	2.89	1.69
2	1.92	5.78	15	3.92	3.22	4.62	21	37	12	4.22	2.89	1.60
3	1.92	6.50	14	3.36	4.76	4.06	17	30	11	3.96	2.78	1.79
4	2.08	4.20	14	3.08	5.78	3.78	17	26	11	3.83	2.66	1.79
5	1.76	2.80	15	2.80	8.12	3.08	24	27	10	3.83	2.66	1.69
6	1.76	3.22	27	2.80	8.84	2.94	18	36	9.60	3.70	2.55	1.52
7	1.60	2.72	37	3.64	7.76	2.80	19	26	9.40	4.61	2.55	1.44
8	1.68	2.32	31	4.62	6.32	3.22	23	25	8.80	4.09	2.78	1.44
9	2.08	2.00	34	5.46	4.90	7.76	60	20	8.20	3.96	2.55	1.37
10	2.08	1.84	24	5.04	3.92	7.22	236	19	8.00	4.22	2.55	1.52
11	3.36	2.16	18	4.06	3.22	10	135	25	7.40	5.69	2.66	1.60
12	2.72	2.08	15	3.36	2.80	10	160	26	7.20	6.80	2.45	1.52
13	3.08	1.84	19	2.80	5.33	9.80	155	30	7.00	7.40	2.36	1.44
14	2.56	1.84	22	2.80	19	8.30	121	52	6.60	7.20	2.26	1.29
15	7.58	1.84	33	2.64	16	8.12	138	35	6.44	5.48	2.17	1.29
16	3.78	2.00	31	2.64	19	7.76	275	28	6.44	4.87	2.07	1.21
17	2.64	2.40	23	2.48	69	9.20	295	39	6.28	4.48	1.98	1.21
18	2.16	2.32	17	2.32	69	8.12	153	50	6.12	4.35	1.98	2.07
19	1.84	3.08	14	2.32	46	10	111	45	5.96	4.35	1.98	1.79
20	1.92	2.72	11	2.24	30	37	85	39	5.80	4.61	1.88	1.60
21	2.16	5.78	9.60	2.16	22	28	70	32	5.96	4.09	1.88	2.45
22	2.08	4.90	8.30	2.08	16	22	56	28	5.64	3.96	1.88	1.98
23	1.84	3.50	7.58	2.16	14	22	48	24	5.32	3.83	1.88	1.88
24	3.50	2.72	6.50	2.08	11	23	40	22	5.32	3.58	1.79	1.88
25	2.80	3.08	5.78	2.08	9.80	30	33	20	5.16	3.47	1.79	1.98
26	2.40	9.60	5.18	2.32	8.30	56	29	18	5.00	3.47	1.79	1.60
27	2.40	15	4.76	2.64	7.94	68	26	17	5.00	3.35	1.79	1.52
28	2.40	11	4.34	2.40	8.12	53	25	15	4.74	3.24	1.69	1.44
29	2.08	14	4.20	2.32	7.22	35	43	14	4.61	3.12		1.60
30	2.08	22	4.48	2.32	6.32	29	38	13	4.61	3.01		1.60
31		41		2.32	5.78		49		4.35	3.01		1.88
Total	73.38	189.46	499.72	91.18	452.08	528.96	2,547	860.00	220.95	134	63.14	50.68
Mean	2.45	6.11	16.6	2.94	14.6	17.6	82.2	28.7	7.12	4.32	2.25	1.63
Max.	7.58	41	37	5.46	69	68	295	52	12	7.40	2.89	2.45
Min.	1.12	1.84	4.20	2.08	2.64	2.80	17	13	4.35	3.01	1.69	1.21
Runoff - mcm.	6.340	16.369	43.176	7.878	39.060	45.702	220.061	74.304	19.090	11.578	5.455	4.379

WATER YEAR 1974 : Max. 295 Min. 1.12 Mean 15.6 Annual Runoff 493.391 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.16	21.00	5.08	355				

MAE KLONG RIVER BASIN

Khwae Yai at Khao Wang Masang, Kanchanaburi (K.20)

Location: Lat. 14°-20'-52" N., Long. 99°-10'-45" E., on right bank about 500 meters upstream from Ban Kaing Khao, Tambon Tha Kradon, Amphoe Si Sawat, Kanchanaburi.

Drainage Area: 11,184 Sq.km.

Type of Gage: Water-stage records.

Zero Gage at Bottom at: + 44.50 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: on right bank along gage line.
Elevation: + 60.932 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1966 to date.

Rating Operation:

Period of Rating: 1966 to date.
Rated by Float: -
Rated by Current Meter: 1966 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

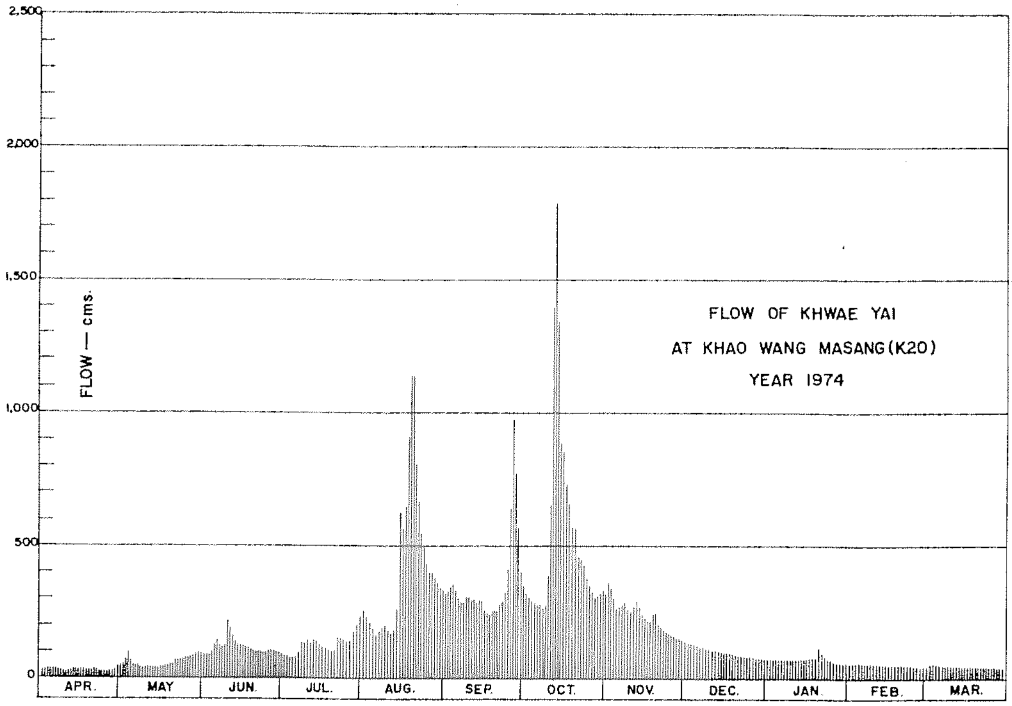
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 89 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	45.50	45.83	46.31	46.23	47.88	48.40	48.61	48.39	46.81	46.11	45.90	45.69
2	.52	.86	.25	.21	.73	.49	.41	.70	.77	.09	.88	.74
3	.51	46.11	.29	.17	.43	.63	.34	.71	.73	.07	.88	.81
4	.67	.34	.23	.12	.27	.63	.20	.32	.69	.06	.89	.80
5	.60	45.88	.51	.08	.08	.49	.10	.05	.66	.05	.88	.75
6	45.58	45.73	46.87	46.10	46.97	48.32	48.09	47.94	46.63	46.04	45.86	45.71
7	.60	.64	.68	.23	47.03	.16	.11	48.08	.61	.04	.85	.68
8	.51	.56	.62	.45	.30	.11	47.94	.15	.59	.06	.83	.66
9	.47	.52	.58	.75	.42	.33	48.02	.01	.60	.06	.82	.67
10	.46	.50	.71	.73	.21	.31	.39	47.81	.55	.06	.80	.66
11	45.49	45.64	47.57	46.85	47.15	48.22	49.88	47.94	46.50	46.07	45.79	45.65
12	.53	.58	.25	.79	.09	.21	52.05	48.06	.46	.07	.78	.65
13	.57	.54	46.86	.69	.35	.16	54.90	.16	.44	.10	.77	.64
14	.53	.54	.71	.82	48.09	.26	53.20	.00	.41	.11	.76	.63
15	.53	.54	.66	.73	50.34	.17	51.66	47.84	.40	.14	.74	.61
16	45.61	45.56	46.65	46.61	50.00	47.89	51.52	47.65	46.37	46.14	45.74	45.61
17	.53	.57	.63	.54	.43	.78	.13	.54	.36	.10	.73	.61
18	.49	.61	.55	.44	51.83	.74	50.56	.52	.34	.06	.73	.74
19	.45	.65	.50	.41	52.81	.87	.09	.80	.32	.04	.72	.71
20	.44	.70	.40	.46	.81	.89	.08	.77	.30	.21	.71	.67
21	45.63	45.82	46.34	46.40	51.47	47.89	49.76	47.50	46.27	46.57	45.71	45.68
22	.44	46.03	.36	.72	50.58	48.09	.63	.36	.25	.36	.70	.65
23	.40	.00	.38	.94	49.94	.18	.30	.27	.23	.19	.69	.63
24	.39	.03	.38	.86	.60	.50	.11	.18	.22	.09	.68	.62
25	.38	.11	.36	.87	.17	49.08	48.84	.11	.20	.03	.68	.59
26	45.43	46.18	46.39	46.86	49.01	50.34	48.60	47.05	46.19	46.01	45.68	45.59
27	.49	.20	.47	.80	.01	52.12	.38	46.98	.17	45.98	.67	.58
28	.50	.15	.46	47.12	48.92	50.66	.28	.93	.17	.95	.67	.57
29	.57	.19	.37	.24	.72	49.50	.35	.88	.15	.94		.57
30	.78	.39	.30	.43	.61	48.88	.40	.84	.13	.92		.56
31		.36		.64	.46		.52		.12	.90		.57
Mean	45.52	45.85	46.55	46.65	58.86	48.58	49.50	47.72	46.41	46.08	45.77	45.65
Max.	45.78	46.39	47.57	47.64	52.81	52.12	54.90	48.71	46.81	46.57	45.90	45.81
Min.	45.38	45.50	46.23	46.08	46.97	47.74	47.94	46.84	46.12	45.90	45.67	45.57

WATER YEAR 1974 : Max. 54.90 m. Min. 45.38 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	79	52	93	86	254	316	342	315	138	77	62	47
2	30	55	88	85	236	327	317	354	134	75	61	51
3	30	76	91	82	201	345	309	355	130	74	61	56
4	41	95	86	78	184	345	292	306	126	73	61	55
5	36	61	110	75	175	327	280	274	123	72	61	51
6	35	50	144	76	154	306	279	261	121	72	59	49
7	36	44	125	86	160	287	281	278	119	72	58	47
8	30	40	120	104	187	281	261	286	117	73	57	46
9	27	37	116	132	200	308	270	269	118	73	56	46
10	27	36	128	130	178	305	315	245	113	73	55	46
11	28	44	217	142	172	294	534	261	109	74	54	45
12	31	41	182	136	166	293	955	275	105	74	54	45
13	34	38	143	126	192	287	1,784	287	104	76	53	44
14	31	38	128	139	279	299	1,235	268	101	77	52	44
15	31	38	123	130	615	288	874	249	100	79	51	43
16	37	40	122	119	554	255	845	226	98	79	51	43
17	31	40	121	113	632	242	767	213	97	76	50	43
18	28	43	113	104	909	237	656	211	95	73	50	51
19	26	45	109	101	1,131	252	570	244	94	72	49	49
20	25	48	100	105	1,131	255	568	240	92	85	49	46
21	38	56	95	100	835	255	513	209	90	115	49	47
22	25	71	97	129	660	279	492	194	88	97	48	45
23	23	69	98	151	544	290	441	184	86	83	47	44
24	22	71	98	143	487	328	412	175	86	75	47	43
25	22	77	97	144	421	408	374	168	84	71	47	41
26	25	82	99	143	397	615	341	162	83	70	47	41
27	28	84	106	137	397	970	314	155	82	67	46	41
28	29	80	105	169	384	675	302	150	82	65	46	40
29	34	83	98	181	357	471	310	145	80	65		40
30	49	99	92	201	342	379	316	141	78	63		40
31		97		225	323		331		78	62		40
Total	918	1,830	3,444	3,872	12,857	10,519	15,880	7,100	3,151	2,332	1,481	1,409
Mean	30.6	59.0	115	125	415	351	512	237	102	75.2	52.9	45.4
Max.	49	99	217	225	1,131	970	1,784	355	138	115	62	56
Min.	22	36	86	75	154	237	261	141	78	62	46	40
Runoff - MCM.	79.315	158.112	297.562	334.541	1,110.845	908.842	1,372.032	613.440	272.246	201.485	127.958	121.738

WATER YEAR 1974 : Max. 1,784 Min. 22 Mean 177 Annual Runoff 5,598.115 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 13	16.00	55.13	1,874				

KHWAE NOI RIVER BASIN

Huai Mae Nam Noi at Tambon Tha Thung Na, Kanchanaburi (K.22A)

Location: Lat. 14°-26'-44" N., Long. 98°-48'-08" E., on left bank about 3 kilometers downstream from K22 station at Tambon Tha Thung Na, Amphoe Sai Yok, Kanchanaburi.

Drainage Area: 321 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 66.690 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near the Meteorological Station.
Elevation: + 76.874 m. (M.S.L.)

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: 1969 to date.

Rating Operation:

Period of Rating: 1969 to date.
Rated by Float: -
Rated by Current Meter: 1969 to date.

Stability of Channel Regimes: Fairly stable by some silting, no shifting adjustment for flow computation.

Overbank Flow Conditions: Overbank flow starts at elevation + 73.40 m. (M.S.L.) and is included.

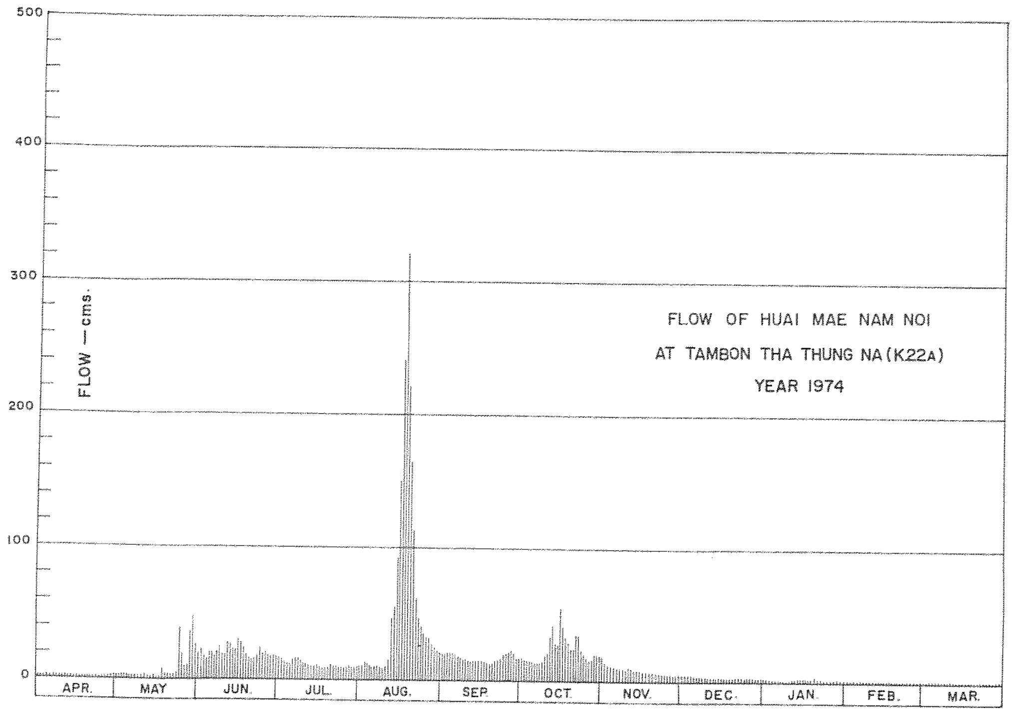
General Description: Records good. Stage-discharge relation defined by 168 discharge measurements made in 1974.

Remarks: Asterisk (*) designates the discharges determined from hourly gage-heights.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	67.19	67.29	68.17	68.04	67.75	68.23	68.07	68.14	67.53	67.40	67.33	67.27
2	.19	.30	.25	67.98	.82	.22	.03	67.95	.52	.39	.33	.27
3	.19	.29	.04	.92	.92	.25	.01	.88	.52	.39	.33	.27
4	.19	.29	67.89	.85	.85	.25	.00	.86	.52	.38	.32	.27
5	.19	.27	68.15	.81	.77	.21	67.95	.83	.51	.38	.32	.27
6	67.19	67.24	68.15	67.97	67.77	68.18	67.92	67.83	67.51	67.38	67.32	67.27
7	.19	.25	.03	68.05	.78	.13	.93	.78	.50	.38	.32	.27
8	.19	.24	.30	.03	.75	.10	.96	.79	.50	.38	.32	.27
9	.21	.22	.34	67.95	.74	.06	.95	.76	.49	.38	.31	.27
10	.22	.20	.10	.88	.72	.05	68.17	.74	.49	.38	.30	.26
11	67.22	67.33	68.14	67.86	67.76	67.98	68.21	67.82	67.48	67.38	67.30	67.26
12	.21	.28	.48	.79	68.01	.99	.69	.75	.47	.41	.30	.26
13	.20	.22	.41	.76	69.12	68.02	.95	.74	.47	.39	.29	.26
14	.20	.21	.31	.74	.35	.02	.54	.72	.46	.42	.29	.26
15	.19	.20	.32	.77	70.30	67.99	.48	.69	.46	.41	.29	.25
16	67.19	67.19	68.56	67.76	71.70	67.99	69.34	67.66	67.45	67.39	67.29	67.25
17	.18	.20	.47	.71	73.47	.94	68.93	.63	.44	.38	.29	.25
18	.16	.54	.30	.69	74.83	.90	.66	.62	.43	.37	.29	.25
19	.15	.35	.09	.69	73.11	.90	.51	.61	.43	.38	.28	.25
20	.16	.30	.03	.72	72.01	.91	.36	.60	.43	.55	.28	.25
21	67.16	67.36	67.96	67.82	70.82	67.98	68.37	67.59	67.43	67.39	67.28	67.24
22	.17	.32	68.01	.75	69.52	68.04	.77	.58	.43	.38	.28	.24
23	.17	.30	.09	.75	.09	.02	.52	.57	.42	.37	.28	.24
24	.16	.47	.32	.71	68.91	.17	.28	.56	.42	.36	.28	.24
25	.16	68.82	.15	.73	.73	.23	.18	.55	.42	.35	.27	.24
26	67.18	68.03	68.23	67.74	68.65	68.24	68.10	67.55	67.42	67.35	67.27	67.24
27	.19	67.69	.11	.78	.65	.30	.05	.54	.42	.35	.27	.23
28	.20	.79	.09	.75	.51	.24	.04	.54	.42	.34	.27	.23
29	.32	68.77	.07	.74	.40	.09	.24	.54	.42	.34		.23
30	.28	69.06	.06	.75	.34	.05	.21	.53	.42	.33		.23
31		68.38		.76	.26		.18		.41	.33		.23
Mean	67.19	67.53	68.19	67.81	69.21	68.09	68.31	67.70	67.46	67.38	67.30	67.25
Max.	67.32	69.06	68.56	68.05	74.83	68.30	69.34	68.14	67.53	67.55	67.33	67.27
Min.	67.15	67.19	67.89	67.69	67.72	67.90	67.92	67.53	67.41	67.33	67.27	67.23

WATER YEAR 1974 : Max. 74.83 m. Min. 67.15 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.30	2.66	20	17	11	*21	18	19	6.37	4.20	3.22	2.38
2	1.30	2.80	22	16	12	*21	17	15	6.18	4.06	3.22	2.38
3	1.30	2.66	17	14	14	22	16	13	6.18	4.06	3.22	2.38
4	1.30	2.66	14	13	13	22	16	13	6.18	3.92	3.08	2.38
5	1.30	2.38	20	12	11	21	15	12	5.99	3.92	3.08	2.38
6	1.30	1.96	20	15	11	20	14	12	5.99	3.92	3.08	2.38
7	1.30	2.10	17	17	11	19	14	11	5.80	3.92	3.08	2.38
8	1.30	1.96	23	17	11	18	15	11	5.80	3.92	3.08	2.38
9	1.54	1.68	24	15	10	17	15	11	5.64	3.92	2.94	2.38
10	1.68	1.40	18	13	*10	17	20	10	5.64	3.92	2.80	2.24
11	1.68	3.22	19	13	*11	16	21	12	5.48	3.92	2.80	2.24
12	1.54	2.52	28	11	*16	16	34	11	5.32	4.36	2.80	2.24
13	1.40	1.68	26	11	*48	16	42	10	5.32	4.06	2.66	2.24
14	1.40	1.54	23	10	*56	16	29	10	5.16	4.52	2.66	2.24
15	1.30	1.40	24	11	*93	16	28	9.50	5.16	4.36	2.66	2.10
16	1.30	1.30	30	11	*151	16	55	8.90	5.00	4.06	2.66	2.10
17	1.20	1.40	27	9.90	*241	15	41	8.30	4.84	3.92	2.66	2.10
18	1.00	6.56	23	9.50	*321	14	33	8.10	4.68	3.78	2.66	2.10
19	0.90	3.50	18	9.50	*221	14	29	7.90	4.68	3.92	2.52	2.10
20	1.00	2.80	17	10	*165	14	25	7.70	4.68	6.75	2.52	2.10
21	1.00	3.64	15	12	*113	16	25	7.51	4.68	4.06	2.52	1.96
22	1.10	3.08	16	11	*62	17	36	7.32	4.68	3.92	2.52	1.96
23	1.10	2.80	18	11	*47	16	29	7.13	4.52	3.78	2.52	1.96
24	1.00	5.32	24	9.90	*41	20	23	6.94	4.52	3.64	2.52	1.96
25	1.00	38	20	10	*35	21	20	6.75	4.52	3.50	2.38	1.96
26	1.20	17	21	10	*33	22	18	6.75	4.52	3.50	2.38	1.96
27	1.30	9.50	19	11	*33	23	17	6.56	4.52	3.50	2.38	1.82
28	1.40	11	18	11	*28	22	17	6.56	4.52	3.36	2.38	1.82
29	3.08	36	18	10	*26	18	22	6.56	4.52	3.36		1.82
30	2.52	46	17	11	*24	17	21	6.37	4.52	3.22		1.82
31		25		11	*22		20		4.36	3.22		1.82
Total	41.04	245.52	616	372.80	1,901	543	745	288.85	159.97	122.47	77.00	66.08
Mean	1.37	7.92	20.5	12.0	61.3	18.1	24.0	9.63	5.16	3.95	2.75	2.13
Max.	3.08	46	30	17	321	23	55	19	6.37	6.75	3.22	2.38
Min.	0.90	1.30	14	9.50	10	14	14	6.37	4.36	3.22	2.38	1.82
Runoff - mcm.	3.546	21.213	53.222	32.210	164.246	46.915	64.368	24.957	13.821	10.581	6.653	5.709

WATER YEAR 1974 : Max. 321 Min. 0.90 Mean 14.2 Annual Runoff 447,442 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.18	18.00	75.34	355				

KHWAE YAI RIVER BASIN

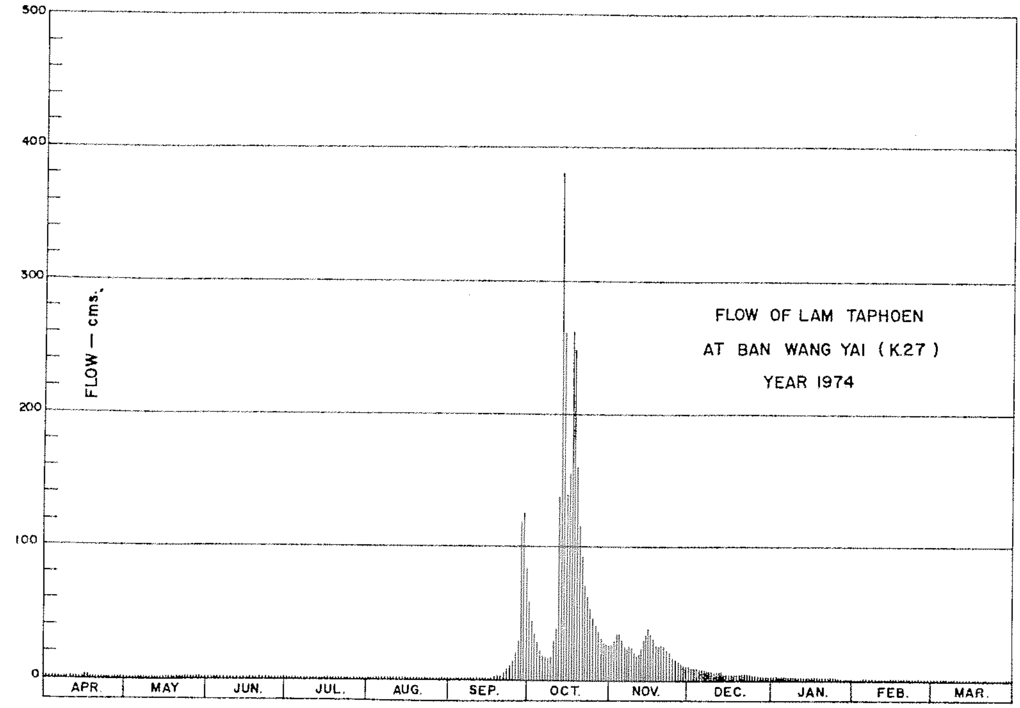
Lam Taphoen at Ban Wang Yai, Kanchanaburi (K.27)

Location:	Lat. 14°-20'-14" N., Long. 99°-29'-22" E., on left bank about 3 kilometers upstream from Ban Lat Ya, Amphoe Bo Phloi, Kanchanaburi.
Drainage Area:	1,921 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	in the fense of Meteorological Station.
Elevation:	+ 6.750 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1968 to date.
Rated by Float:	-
Rated by Current Meter:	1968 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 6.49 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 45 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.96	0.90	1.30	0.80	0.72	0.84	5.55	4.00	2.80	1.63	1.27	1.00
2	.94	.88	.29	.79	.75	.82	4.97	.22	.73	.61	.26	.00
3	1.42	.87	.25	.78	.75	.82	.49	.53	.66	.58	.25	.00
4	.23	.86	.22	.78	.75	.81	.09	.53	.60	.56	.23	.00
5	.15	.85	.18	.78	.79	.80	3.78	.24	.54	.54	.22	.00
6	1.14	0.86	1.14	0.78	0.82	0.79	3.57	3.97	2.50	1.52	1.25	0.99
7	.08	.86	.11	.78	.87	.80	.48	.85	.46	.51	.23	.98
8	.02	.84	.08	.78	.91	.80	.36	.99	.41	.50	.21	.97
9	0.98	.83	.05	.78	1.00	.79	.48	.97	.38	.51	.20	.96
10	.95	.82	.02	.77	.04	.79	4.25	.66	.34	.51	.19	.96
11	0.92	0.80	1.00	0.77	1.04	0.79	4.71	3.49	2.29	1.50	1.17	0.95
12	.92	.79	0.98	.77	.02	.83	6.59	.82	.24	.52	.16	.94
13	.91	.79	.96	.76	.00	.86	7.20	4.25	.20	.59	.14	.94
14	.92	.88	.94	.75	0.96	1.00	6.98	.53	.16	.59	.12	.94
15	1.12	1.03	.92	.75	.94	.02	.60	.70	.12	.56	.11	.93
16	1.51	1.10	0.90	0.74	0.92	1.07	6.67	4.53	2.09	1.54	1.10	0.93
17	.37	.06	.89	.73	.91	.20	.98	.23	.05	.51	.09	.91
18	.24	.06	.88	.73	.89	.40	.95	3.98	.01	.49	.08	.90
19	.16	.08	.88	.72	.88	.45	.70	.99	1.97	.47	.07	.94
20	.10	.06	.88	.72	.88	.51	.45	4.05	.94	.45	.06	1.02
21	1.05	1.06	0.87	0.71	0.91	1.81	6.23	3.98	1.91	1.46	1.05	1.01
22	.01	.05	.87	.70	.91	2.18	5.95	.83	.89	.52	.05	0.98
23	0.97	.12	.86	.70	.89	.58	.71	.67	.86	.50	.05	.98
24	.94	.22	.85	.69	.89	3.06	.42	.50	.83	.44	.05	.97
25	.92	.24	.84	.70	.87	.42	.12	.36	.80	.41	.04	.96
26	0.90	1.22	0.83	0.73	0.87	3.75	4.89	3.23	1.78	1.39	1.02	0.96
27	.89	.23	.81	.77	.86	4.25	.64	.13	.74	.36	.01	.98
28	.89	.35	.81	.76	.86	6.47	.37	.03	.72	.35	.01	.97
29	.91	.36	.80	.74	.85	.51	.17	2.94	.69	.33		.95
30	.91	.29	.80	.74	.85	.11	.09	.87	.67	.30		.94
31		.29		.73	.84		.03		.65	.29		.92
Mean	1.05	1.02	0.97	0.75	0.88	1.98	5.21	3.87	2.13	1.48	1.13	0.96
Max.	1.51	1.36	1.30	0.80	1.04	6.51	7.20	4.70	2.80	1.63	1.27	1.02
Min.	0.89	0.79	0.80	0.69	0.72	0.79	3.36	3.03	1.65	1.29	1.01	0.92

WATER YEAR 1974 : Max. 7.20 m. Min. 0.69 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.68	0.50	1.80	0.25	0.13	0.35	57	25	10	3.25	1.68	0.80
2	0.62	0.45	1.76	0.23	0.17	0.30	43	29	10	3.15	1.64	0.80
3	2.28	0.42	1.60	0.22	0.17	0.30	34	34	9.12	3.00	1.60	0.80
4	1.52	0.40	1.48	0.22	0.17	0.27	27	34	8.70	2.90	1.52	0.80
5	1.25	0.37	1.34	0.22	0.23	0.25	22	29	8.28	2.80	1.48	0.80
6	1.22	0.40	1.22	0.22	0.30	0.23	18	25	8.00	2.70	1.60	0.77
7	1.04	0.40	1.13	0.22	0.42	0.25	17	23	7.76	2.65	1.52	0.74
8	0.86	0.35	1.04	0.22	0.53	0.25	16	25	7.46	2.60	1.44	0.71
9	0.74	0.32	0.95	0.22	0.80	0.23	17	24	7.28	2.65	1.40	0.68
10	0.65	0.30	0.86	0.20	0.92	0.23	29	20	7.04	2.65	1.37	0.68
11	0.56	0.25	0.80	0.20	0.92	0.23	38	17	6.74	2.60	1.31	0.65
12	0.56	0.23	0.74	0.20	0.86	0.32	137	22	6.44	2.70	1.28	0.62
13	0.53	0.23	0.68	0.19	0.80	0.40	380	29	6.20	3.05	1.22	0.62
14	0.56	0.45	0.62	0.17	0.68	0.80	261	34	5.96	3.05	1.16	0.62
15	1.16	0.89	0.56	0.17	0.62	0.86	139	38	5.72	2.90	1.13	0.59
16	2.65	1.10	0.50	0.16	0.56	1.01	154	34	5.55	2.80	1.10	0.59
17	2.08	0.98	0.47	0.14	0.53	1.40	261	29	5.35	2.65	1.07	0.53
18	1.56	0.98	0.45	0.14	0.47	2.20	248	25	5.15	2.56	1.04	0.50
19	1.28	1.04	0.45	0.13	0.45	2.40	160	25	4.95	2.48	1.01	0.62
20	1.10	0.98	0.45	0.13	0.45	2.65	116	26	4.80	2.40	0.98	0.86
21	0.95	0.98	0.42	0.11	0.53	4.15	92	25	4.65	2.44	0.95	0.83
22	0.83	0.95	0.42	0.10	0.53	6.08	71	22	4.55	2.70	0.95	0.74
23	0.71	1.16	0.40	0.10	0.47	8.56	62	20	4.40	2.60	0.95	0.74
24	0.62	1.48	0.37	0.09	0.47	12	53	17	4.25	2.36	0.95	0.71
25	0.56	1.56	0.35	0.10	0.42	16	46	16	4.10	2.24	0.92	0.68
26	0.50	1.48	0.32	0.14	0.42	21	41	14	4.00	2.16	0.86	0.68
27	0.47	1.52	0.27	0.20	0.40	29	36	13	3.80	2.04	0.83	0.74
28	0.47	2.00	0.27	0.19	0.40	119	31	12	3.70	2.00	0.83	0.71
29	0.53	2.04	0.25	0.16	0.37	125	28	11	3.55	1.92		0.65
30	0.53	1.76	0.25	0.16	0.37	82	27	11	3.45	1.80		0.62
31		1.76		0.14	0.35		26		3.35	1.76		0.56
Total	29.07	27.73	22.22	5.34	14.91	437.72	2,687	708	184.30	79.56	33.79	21.44
Mean	0.97	0.89	0.74	0.17	0.48	14.6	86.7	23.6	5.95	2.57	1.21	0.69
Max.	2.65	2.04	1.80	0.25	0.92	125	380	38	10	3.25	1.68	0.86
Min.	0.47	0.23	0.25	0.09	0.13	0.23	16	11	3.35	1.76	0.83	0.56
Runoff - mcm.	2.512	2.396	1.920	0.461	1.288	37.819	232.157	61.171	15.923	6.874	2.919	1.852

WATER YEAR 1974 : Max. 380 Min. 0.09 Mean 11.6 Annual Runoff 367.293 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 13	1-3	7.29	438				

PHET RIVER BASIN

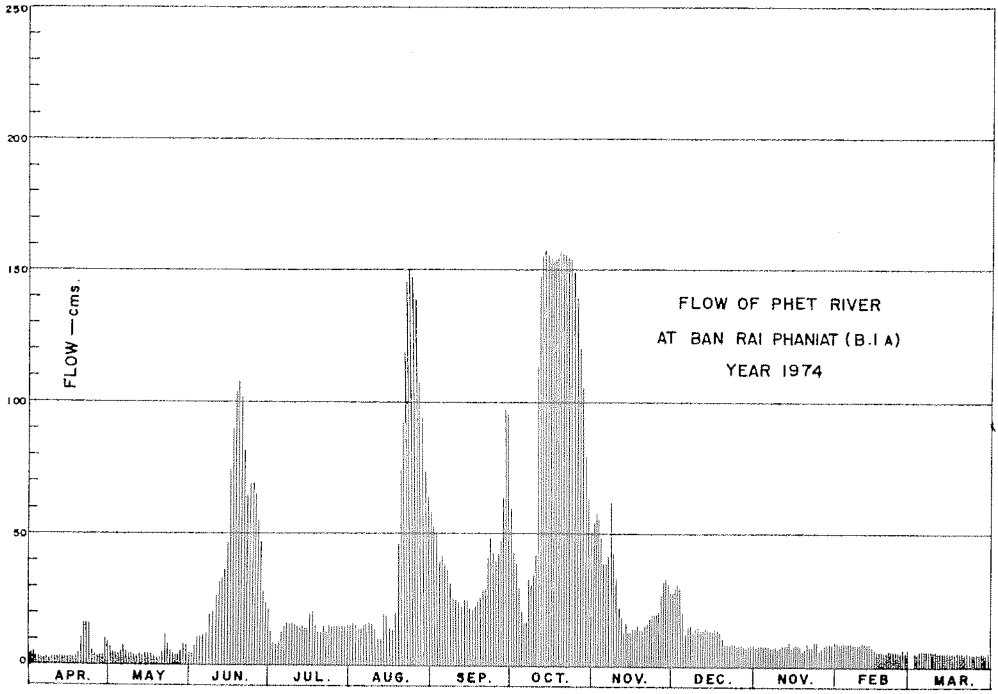
Phet River at Ban Rai Phaniat, Phetchaburi (B.1A)

Location:	Lat. 13°-04'-22" N., Long. 99°-56'-37" E., next to Muang Thamon Regulator, Ban Rai Phaniat, Tambon Ban Mo, Amphoe Muang, Phetchaburi.
Drainage Area:	4,188 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (M.S.L.)
Bench Mark:	B.M. - RID 075
Location	at the cross road infront of Wang Ban Pun.
Elevation:	+ 4.179 m. (M.S.L.)
Gage Reading Frequency:	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:	1961 to date.
Rating Operation:	
Period of Rating:	1965, 1967-1971.
Rated by Float:	-
Rated by Current Meter:	1965, 1967-1971.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 508 m. (M.S.L.)
General Description:	Records fair. Stage-discharge relation defined by 112 discharge measurements made during 1965, 67-68, 1970. Flow regulated by Kaeng Krachan Reservoir and Phet Diversion Dam at above gage site for irrigation about 27,800 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.03	1.24	1.08	1.44	1.74	2.96	2.60	3.07	2.26	1.27	1.33	1.15
2	.03	.13	.34	.34	.73	.90	.56	.12	.31	.27	.32	.13
3	.02	.08	.47	.33	.64	.58	.20	2.94	.25	.26	.32	.14
4	.01	.08	.50	.32	.66	.67	1.92	.54	1.85	.26	.34	.14
5	.01	.35	.48	.61	.71	.54	.72	.61	.52	.26	.34	.15
6	1.00	1.20	1.48	1.68	1.76	2.48	1.80	2.58	1.69	1.26	1.34	1.15
7	.00	.10	.68	.72	.75	.30	2.40	3.22	.68	.26	.32	.15
8	.00	.10	.93	.72	.74	.16	.32	2.71	.54	.28	.32	.14
9	.01	.09	.96	.73	.69	.12	.56	.27	.65	.21	.31	.13
10	.02	.08	2.06	.71	.55	.06	4.42	1.98	.64	.26	.35	.13
11	1.01	1.08	2.28	1.71	1.45	1.96	5.15	1.88	1.61	1.28	1.36	1.13
12	.00	.09	.38	.66	.51	2.12	.27	.59	.63	.32	.30	.13
13	.01	.08	.42	.70	.90	.10	.25	.72	.62	.37	.28	.13
14	.01	.09	.60	.69	.88	1.98	.24	.54	.57	.23	.23	.11
15	.02	.08	3.36	.68	.65	2.01	.21	.66	.59	.29	.15	.10
16	1.03	1.06	3.71	1.90	1.59	2.05	5.20	1.66	1.66	1.30	1.14	1.10
17	.06	.02	.96	.88	.71	.12	.22	.67	.60	.27	.14	.10
18	.08	.00	4.20	.62	2.40	.11	.26	.60	.54	.20	.14	.10
19	.34	.00	.27	.57	3.56	.24	.27	.65	.46	.18	.14	.10
20	.74	.05	.15	.57	4.11	.28	.26	.73	.31	.37	.13	.10
21	1.75	1.27	3.65	1.67	5.05	2.65	5.23	1.80	1.30	1.27	1.14	1.10
22	.75	.55	.26	.61	.14	.88	.22	.86	.33	.26	.14	.10
23	.70	.25	.35	.69	.11	.73	.21	.88	.33	.40	.14	.10
24	.19	.09	.38	.71	.01	.62	.12	.90	.29	.36	.14	.09
25	.07	.05	.28	.69	4.64	.72	4.90	.97	.28	.17	.13	.09
26	1.07	1.08	2.95	1.68	4.19	2.88	4.58	2.27	1.28	1.24	1.15	1.09
27	.07	.13	.72	.67	3.92	3.71	.25	.39	.23	.32	.14	.10
28	.08	.30	.15	.67	.61	4.05	3.76	.36	.25	.33	.15	.11
29	.44	.33	.08	.67	.38	3.48	.40	.23	.28	.33	-	.15
30	.30	.31	1.97	.67	.15	.10	.15	.20	.28	.33	-	.15
31	-	.10	-	.69	.04	-	2.90	-	.28	.33	-	.17
Mean	1.16	1.14	2.60	1.64	2.74	2.55	4.02	2.15	1.55	1.28	1.23	1.12
Max.	1.75	1.55	4.27	1.90	5.14	4.05	5.27	3.22	2.31	1.40	1.36	1.17
Min.	1.00	1.00	1.08	1.32	1.45	1.96	1.72	1.54	1.23	1.17	1.13	1.09

WATER YEAR 1974 : Max. 5.27 m. Min. 1.00 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.42	6.64	4.12	10	16	52	40	56	29	7.12	8.08	5.20
2	3.42	4.88	8.24	8.24	16	50	38	58	31	7.12	7.92	4.88
3	3.28	4.12	11	8.08	14	39	27	51	29	6.96	7.92	5.04
4	3.14	4.12	11	7.92	14	42	20	38	19	6.96	8.24	5.04
5	3.14	8.40	11	13	15	38	16	40	12	6.96	8.24	5.20
6	3.00	6.00	11	15	16	36	17	39	15	6.96	8.24	5.20
7	3.00	4.40	15	16	16	30	33	62	15	6.96	7.92	5.20
8	3.00	4.40	20	16	16	26	31	43	12	7.28	7.92	5.04
9	3.14	4.26	21	16	15	25	38	29	14	6.16	7.76	4.88
10	3.28	4.12	24	15	12	24	115	22	14	6.96	8.40	4.88
11	3.14	4.12	30	15	10	21	151	19	13	7.28	8.56	4.88
12	3.00	4.26	33	14	11	25	157	13	14	7.92	7.60	4.88
13	3.14	4.12	34	15	20	25	156	16	14	8.72	7.28	4.88
14	3.14	4.26	40	15	19	22	155	12	13	6.48	6.48	4.56
15	3.28	4.12	68	15	14	22	154	14	13	7.44	5.20	4.40
16	3.42	3.84	83	20	13	23	153	14	14	7.60	5.04	4.40
17	3.84	3.28	94	19	15	25	154	15	13	7.12	5.04	4.40
18	4.12	3.00	105	14	33	25	156	13	12	6.00	5.04	4.40
19	8.24	3.00	108	13	76	29	157	14	10	5.68	5.04	4.40
20	16	3.70	102	13	101	30	156	16	7.76	8.72	4.88	4.40
21	16	7.12	80	15	146	41	155	17	7.60	7.12	5.04	4.40
22	16	12	64	13	150	49	154	19	8.08	6.96	5.04	4.40
23	15	6.80	68	15	149	44	154	19	8.08	9.20	5.04	4.40
24	5.84	4.26	69	15	144	40	149	20	7.44	8.56	5.04	4.26
25	3.98	3.70	65	15	125	44	138	21	7.28	5.52	4.88	4.26
26	3.98	4.12	52	15	104	49	123	29	7.28	6.64	5.20	4.26
27	3.98	4.88	44	15	92	83	107	33	6.48	7.92	5.04	4.40
28	4.12	7.60	26	15	78	96	85	32	6.80	8.08	5.20	4.56
29	10	8.08	24	15	69	73	70	28	7.28	8.08	–	5.20
30	7.60	7.76	21	15	60	58	60	27	7.28	8.08	–	5.20
31	–	4.40	–	15	55	–	50	–	7.28	8.08	–	5.52
Total	169.64	159.76	1,346.36	441.24	1,634	1,186	3,169	829	394.64	226.64	181.28	147.02
Mean	5.65	5.15	44.9	14.2	52.7	39.5	102	27.6	12.7	7.31	6.47	4.74
Max.	16	12	108	20	150	96	157	62	31	7.20	8.56	5.52
Min.	3.00	3.00	4.12	7.92	10	21	16	12	6.48	5.52	4.88	4.26
Runoff – mcm.	14.657	13.802	116.325	38.123	141.178	102.470	273.802	71.626	34.097	19.582	15.662	12.702

WATER YEAR 1974 : Max. 157 Min. 3.00 Mean 27.1 Annual Runoff 854.028 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.12	18.00	5.27	157				

PHET RIVER BASIN

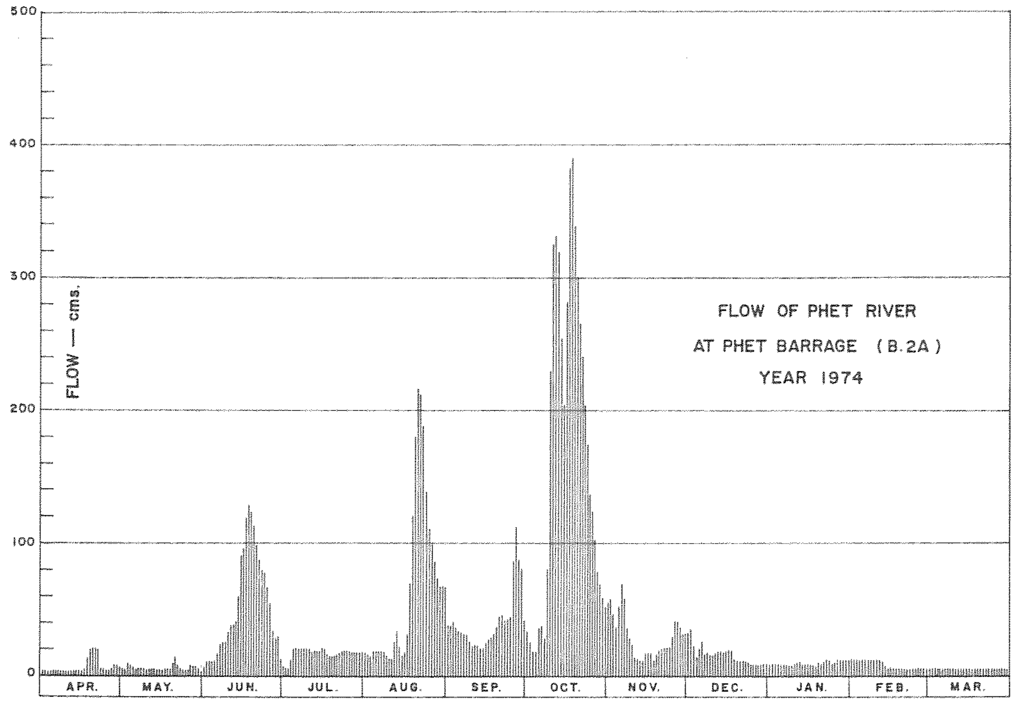
Phet River at Phet Barrage (Down stream), Phetchaburi (B.2A)

Location:	Lat. 12°-54'-44" N., Long. 99°-51'-31" E., on left bank about 500 meters downstream of Phet Barrage, Amphoe Tha Yang, Phetchaburi.
Drainage Area:	4,060 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 12.00 m. (M.S.L.)
Bench Mark:	B.M. – H.S.
Location:	on abutment of Phet Barrage.
Elevation:	+ 23.00 m. (M.S.L.)
Gage Reading Frequency:	24-time daily readings at 01.00-24.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 readings.
Period of Available Gage Records:	1959 to date.
Rating Operation:	
Period of Rating:	1960-1961, 1965 to date.
Rated by Float:	–
Rated by Current Meter:	1960-1961, 1965 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow exists but hardly to be determined, records are channel flow only.
General Description:	Records fair. Stage-discharge relation defined by 21 discharge measurements made in 1974. Flow regulated by Kaeng Krachan Reservoir and Phet Barrage at above gage site for irrigation of about 27,800 hectares.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	12.20	12.30	12.37	12.35	12.75	13.36	13.20	13.64	13.15	12.45	12.60	12.30
2	.20	.27	.50	.30	.73	.22	.06	.70	.21	.45	.60	.30
3	.20	.27	.50	.30	.66	.36	12.94	.38	.00	.45	.60	.30
4	.20	.47	.50	.61	.80	.29	.70	.26	12.65	.45	.60	.30
5	.20	.34	.50	.85	.80	.20	.77	.72	.77	.45	.60	.30
6	12.20	12.30	12.68	12.85	12.80	13.18	13.23	13.91	12.98	12.45	12.60	12.30
7	.20	.30	.92	.85	.80	.15	.30	.70	.72	.45	.60	.30
8	.20	.30	13.00	.85	.80	.14	.01	.20	.75	.40	.57	.30
9	.20	.30	.00	.85	.72	.06	.96	.01	.68	.40	.55	.30
10	.20	.30	.19	.85	.59	12.88	16.11	12.90	.70	.45	.57	.30
11	12.20	12.30	13.30	12.85	12.55	12.89	17.00	12.55	12.69	12.47	12.57	12.30
12	.20	.30	.30	.74	.77	.96	.08	.60	.76	.55	.57	.30
13	.20	.28	.36	.80	13.19	.85	16.95	.55	.79	.43	.43	.30
14	.20	.25	.73	.80	12.84	.85	.20	.53	.75	.12	.33	.30
15	.20	.25	14.28	.83	.64	.85	15.78	.75	.78	.45	.33	.30
16	12.20	12.25	14.40	12.86	12.72	12.89	16.38	12.75	12.80	12.45	12.33	12.30
17	.26	.25	.61	.74	13.04	13.00	17.54	.75	.80	.39	.33	.30
18	.59	.25	.83	.65	.99	.06	.60	.54	.72	.35	.33	.30
19	.78	.25	.76	.65	14.80	.15	.31	.66	.52	.50	.33	.30
20	.85	.25	.57	.65	15.66	.23	16.84	.80	.50	.50	.32	.30
21	12.85	12.61	14.40	12.65	15.91	13.46	16.40	12.82	12.51	12.45	12.30	12.30
22	.85	.48	.21	.74	.88	.47	.18	.85	.53	.59	.30	.30
23	.40	.27	.08	.80	.45	.36	15.79	.85	.49	.63	.30	.30
24	.25	.25	.05	.80	.16	.38	.35	.85	.48	.46	.30	.30
25	.25	.25	13.84	.77	14.61	.42	14.92	13.07	.48	.51	.30	.30
26	12.25	12.25	13.64	12.75	14.47	13.69	14.74	13.35	12.42	12.57	12.30	12.30
27	.25	.41	.16	.75	.27	14.58	.41	.35	.41	.60	.30	.30
28	.45	.40	.03	.75	.00	.24	.00	.27	.45	.60	.30	.30
29	.42	.40	.10	.75	13.89	.10	13.85	.15	.45	.60	–	.30
30	.35	.27	12.63	.74	.88	13.40	.65	.15	.45	.60	–	.30
31	–	.20	–	.75	.88	–	.55	–	.45	.60	–	.30
Mean	12.33	12.31	13.48	12.72	13.65	13.29	15.02	13.05	12.67	12.49	12.43	12.30
Max.	12.85	12.61	14.83	12.86	15.91	14.58	17.60	13.91	13.21	12.63	12.60	12.30
Min.	12.20	12.20	12.37	12.30	12.55	12.85	12.70	12.53	12.41	12.35	12.30	12.30

WATER YEAR 1974 : Max. 17.60 m. Min. 12.20 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.00	6.00	7.75	7.25	18	41	34	55	32	9.75	13	6.00
2	4.00	5.40	11	6.00	17	35	29	58	35	9.75	13	6.00
3	4.00	5.40	11	6.00	15	41	24	42	26	9.75	13	6.00
4	4.00	10	11	14	19	38	16	37	15	9.75	13	6.00
5	4.00	7.00	11	21	19	34	19	59	19	9.75	13	6.00
6	4.00	6.00	16	21	19	34	36	69	26	9.75	13	6.00
7	4.00	6.00	24	21	19	32	38	58	17	9.75	13	6.00
8	4.00	6.00	26	21	19	32	27	34	18	8.50	13	6.00
9	4.00	6.00	26	21	17	29	72	27	16	8.50	12	6.00
10	4.00	6.00	34	21	13	22	234	23	16	9.75	13	6.00
11	4.00	6.00	38	21	12	23	324	12	16	10	13	6.00
12	4.00	6.00	38	18	19	25	332	13	18	12	13	6.00
13	4.00	5.60	41	19	34	21	319	12	19	9.25	9.25	6.00
14	4.00	5.00	59	19	21	21	243	12	18	9.00	6.75	6.00
15	4.00	5.00	91	20	15	21	204	18	19	9.75	6.75	6.00
16	4.00	5.00	98	22	17	23	260	18	19	9.75	6.75	6.00
17	5.20	5.00	113	18	28	26	382	18	19	8.25	6.75	6.00
18	13	5.00	129	15	73	29	389	12	17	7.25	6.75	6.00
19	19	5.00	124	15	126	32	357	15	11	11	6.75	6.00
20	21	5.00	110	15	194	36	307	19	11	11	6.50	6.00
21	21	14	98	15	216	46	262	20	11	9.75	6.00	6.00
22	21	10	87	18	213	46	241	21	12	13	6.00	6.00
23	8.50	5.40	79	19	176	41	205	21	11	14	6.00	6.00
24	5.00	5.00	77	19	153	42	168	21	10	10	6.00	6.00
25	5.00	5.00	65	19	113	44	135	29	10	11	6.00	6.00
26	5.00	5.00	55	18	103	57	122	41	9.00	13	6.00	6.00
27	5.00	8.75	33	18	90	111	99	41	8.75	13	6.00	6.00
28	9.75	8.50	28	18	74	88	74	37	9.75	13	6.00	6.00
29	9.00	8.50	30	18	67	80	65	32	9.75	13	–	6.00
30	7.25	5.40	14	18	67	43	55	32	9.75	13	–	6.00
31	–	4.00	–	18	67	–	50	–	9.75	13	–	6.00
Total	218.70	195.95	1,584.75	539.25	2,053	1,193	5,122	906	497.75	328.00	259.25	186.00
Mean	7.29	6.32	52.8	17.4	66.2	39.8	165	30.2	16.0	10.6	9.26	6.00
Max.	21	14	129	22	216	111	389	69	35	14	13	6.00
Min.	4.00	4.00	7.75	6.00	12	21	16	12	8.75	7.25	6.00	6.00
Runoff – mcm.	18.896	16.930	136.922	46.591	177.379	103.075	442.541	78.278	43.006	28.339	22.399	16.070

WATER YEAR 1974 : Max. 389 Min. 4.00 Mean 35.8 Annual Runoff 1,130.427 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 17	15.00	17.88	421				

PHET RIVER BASIN

Phet River at Ban Song Phi Nong, Phetchaburi (B.3)

Location: Lat. 12°-52'-04" N., Long. 99°-40'-40" E., on left bank at Ban Song Phi Nong, Amphoe Tha Yang, Phetchaburi.

Drainage Area: 2,244 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 41.00 m. (M.S.L.)

Bench Mark: B.M. - H.S.

Location: near the top gage.
Elevation: + 49.760 m. (M.S.L.)

Gage Reading Frequency: 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: 1930 to date.

Rating Operation:

Period of Rating: 1954-1959, 1968 to date.
Rated by Float: -
Rated by Current Meter: 1954-1959, 1968 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

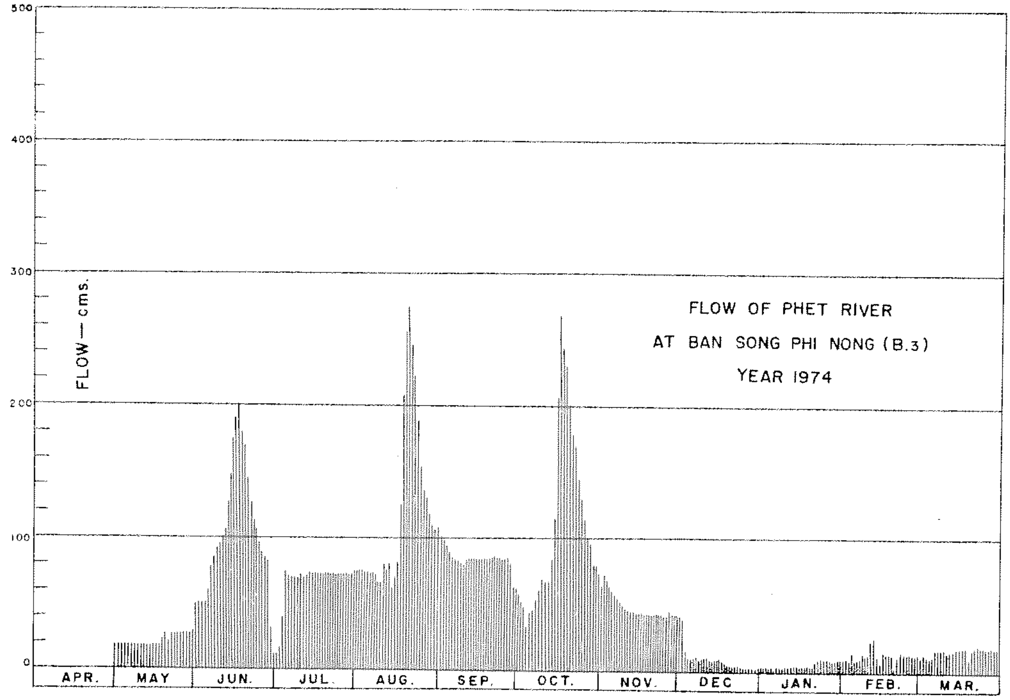
General Description: Records fair. Stage-discharge relation defined by 12 discharge measurements made in 1974. Flow regulated by Kaeng Krachan Reservoir.

Remarks: No record for period April 1-30 are omitted.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		42.31	42.89	42.20	43.26	43.61	42.98	43.07	42.75	41.91	42.10	42.14
2		.31	.90	.25	.25	.56	.86	.20	.65	.91	.10	.14
3		.31	.90	.44	.22	.54	.82	.12	.16	.91	.10	.11
4		.31	.90	43.26	.21	.47	.60	.05	.13	.91	.23	.13
5		.31	43.05	.24	.21	.40	.78	.00	.10	.81	.02	.13
6		42.31	43.29	43.20	43.21	43.37	42.80	42.97	42.11	41.91	42.10	42.27
7		.31	.30	.18	.22	.37	.85	.94	.18	.91	.10	.27
8		.32	.47	.17	.15	.37	43.00	.89	.06	.91	.20	.27
9		.32	.51	.19	.08	.31	.16	.84	.11	.92	.18	.27
10		.32	.58	.19	.16	.31	.14	.79	.12	.92	.18	.27
11		42.32	43.64	43.19	43.30	43.37	43.10	42.79	42.10	41.92	42.42	42.23
12		.32	.70	.17	.22	.35	.10	.79	.05	.92	.47	.25
13		.32	44.02	.20	.31	.37	.20	.77	.05	.92	.19	.27
14		.32	.42	.22	.03	.37	.68	.77	.05	.92	41.94	.29
15		.33	.68	.21	.20	.37	44.59	.76	.08	.91	42.19	.29
16		42.33	44.79	43.21	43.30	43.38	45.49	42.75	42.09	41.91	42.19	42.29
17		.33	.72	.21	44.08	.38	.30	.75	41.96	.92	.19	.29
18		.33	.56	.21	45.20	.38	.16	.75	.95	.92	.19	.29
19		.42	.36	.21	.55	.38	44.98	.75	.91	.91	.19	.10
20		.51	.18	.21	.46	.38	.74	.73	.92	.97	41.90	.28
21		42.33	44.06	43.21	45.23	43.39	44.60	42.75	41.91	42.09	42.17	42.29
22		.50	43.86	.21	44.93	.39	.46	.75	.91	.09	.19	.29
23		.50	.74	.21	.67	.38	.23	.75	.91	.09	.19	.29
24		.50	.63	.21	.40	.38	.04	.74	.92	.09	.19	.30
25		.50	.53	.21	.21	.38	43.86	.74	.87	.09	.19	.30
26		42.50	43.44	43.21	44.03	43.38	43.70	42.76	41.90	42.09	42.19	42.30
27		.50	.38	.21	43.93	.38	.54	.76	.90	.09	.19	.30
28		.50	.35	.21	.75	.30	.50	.75	.90	.09	.16	.30
29		.51	42.60	.21	.69	.05	.30	.75	.90	.09	-	.30
30		.51	.17	.21	.64	.05	.27	.75	.90	.09	-	.30
31		.70	-	.24	.68	-	.23	-	.90	.09	-	.30
Mean		42.39	43.62	43.12	43.80	43.37	43.68	42.83	42.05	41.97	42.17	42.25
Max.		42.70	44.79	43.26	45.55	43.61	45.49	43.20	42.75	42.09	42.47	42.30
Min.		42.31	42.17	42.20	43.08	43.05	42.60	42.73	41.87	41.91	41.90	42.10

WATER YEAR 1974 : Max. 45.55 m. Min. 41.90 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		18	51	13	76	103	57	63	42	2.93	9.20	11
2		18	52	15	76	99	49	72	36	2.93	9.20	11
3		18	52	24	94	97	47	67	12	2.93	9.20	9.60
4		18	52	76	73	92	33	62	10	2.93	14	10
5		18	62	75	73	87	44	59	9.20	0.26	6.56	10
6		18	79	72	73	84	45	56	9.60	2.93	9.20	16
7		18	79	71	74	84	49	54	12	2.93	9.20	16
8		18	92	70	69	84	59	51	7.88	2.93	13	16
9		18	95	71	64	80	69	48	9.60	3.26	12	16
10		18	100	71	69	80	68	45	10	3.26	12	16
11		18	105	71	79	84	65	45	9.20	3.26	23	14
12		18	110	70	74	83	65	45	7.55	3.26	16	15
13		18	135	72	80	84	72	43	7.55	3.26	13	16
14		18	169	74	61	84	108	43	7.55	3.26	3.92	17
15		19	192	73	72	84	184	43	8.54	2.93	13	17
16		19	201	73	79	85	269	42	8.87	2.93	13	17
17		19	195	73	140	85	250	42	4.58	3.26	13	17
18		19	181	73	240	85	236	42	4.25	3.26	13	17
19		23	163	73	275	85	129	42	2.93	2.93	13	9.20
20		28	148	73	266	85	197	41	3.26	4.91	2.60	16
21		19	138	73	243	86	185	42	2.93	8.87	12	17
22		27	122	73	214	86	172	42	2.93	8.87	13	17
23		27	113	73	191	85	152	42	2.93	8.87	13	17
24		27	104	73	167	85	137	41	3.26	8.87	13	17
25		27	96	73	151	85	122	41	1.82	8.87	13	17
26		27	90	73	136	85	110	43	2.60	8.87	13	17
27		27	85	73	128	85	97	43	2.60	8.87	13	17
28		27	83	73	114	79	94	42	2.60	8.87	12	17
29		28	33	73	109	62	79	42	2.60	8.87	–	17
30		28	12	73	105	62	77	42	2.60	8.87	–	17
31		39	–	75	108	–	74	–	2.60	8.87	–	17
Total		682	3,189	2,088	3,753	2,534	3,484	1,425	252.03	158.12	339.08	473.80
Mean		22.0	106	67.3	121	84.5	112	47.5	8.13	5.10	12.1	15.3
Max.		39	201	76	275	103	269	72	42	8.87	26	17
Min.		18	12	13	64	62	33	41	1.82	2.93	2.60	9.20
Runoff – mcm.		58.925	275.530	180.403	324.259	218.938	301.018	123.120	21.775	13.661	29.296	40.936

WATER YEAR 1974 : Max. 275 Min. 2.60 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 19	18.00	45.58	278				

PHET RIVER BASIN

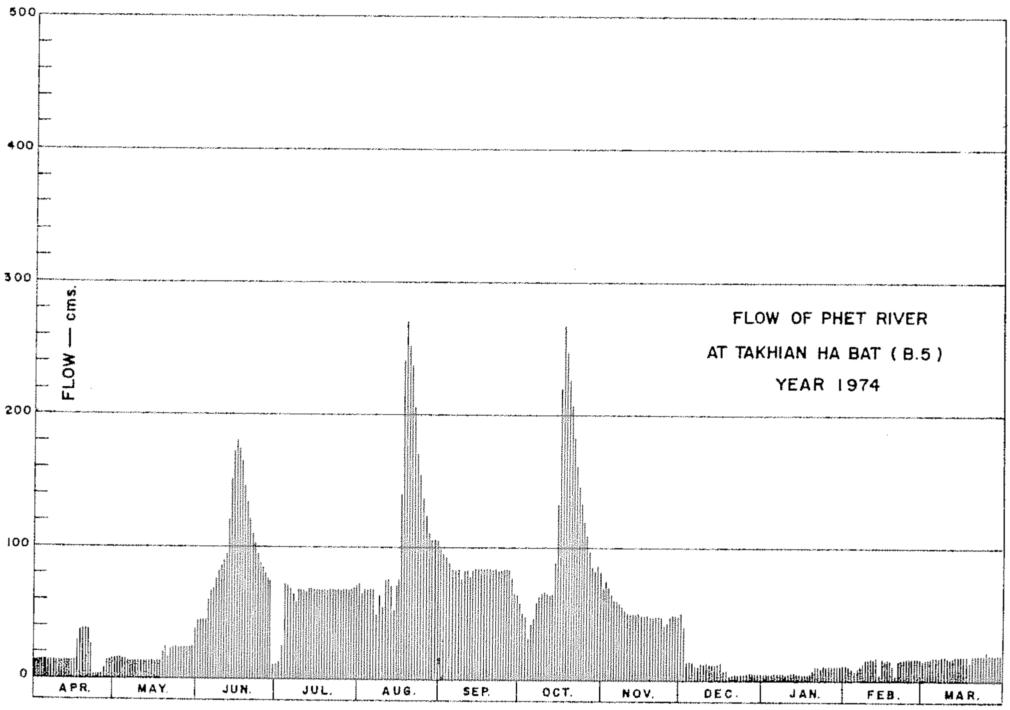
Phet River at Takhian Ha Bat, Phetchaburi (B.5)

Location:	Lat. 12°-54'-40" N., Long. 99°-38'-38" E., on right bank about 1 kilometer downstream from Kaeng Krachan Reservoir, Amphoe Tha Yang, Phetchaburi.
Drainage Area:	2,207 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 48.48 m. (M.S.L.)
Bench Mark:	B.M. - H.S. No. 11
Location:	infront of B5 station office.
Elevation:	+ 66.904 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1962 to date.
Rating Operation:	
Period of Rating:	1962-1967, 1968 to date.
Rated by Float:	-
Rated by Current Meter:	1962-1967, 1968 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 54 discharge measurements made in 1974. Flow regulated by Kaeng Krachan Reservoir.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	48.84	48.85	49.74	48.70	50.36	50.91	50.06	50.30	49.91	48.47	48.77	48.89
2	.84	.85	.74	.78	.21	.85	49.84	.43	.52	.53	.76	.98
3	.84	.85	.75	49.25	.26	.80	.81	.34	48.84	.47	.75	.96
4	.84	.85	.75	50.39	.26	.72	.36	.24	.83	.47	.67	.96
5	.84	.84	50.07	.32	.26	.64	.65	.14	.82	.48	.54	49.00
6	48.84	48.84	50.26	50.28	50.27	50.59	49.77	50.11	48.81	48.47	48.76	49.01
7	.84	.84	.28	.26	.28	.59	.93	.07	.71	.51	.76	.01
8	.84	.84	.42	.08	49.84	.60	50.17	.01	.80	.50	.93	.01
9	.84	.84	.57	.27	50.17	.44	.18	49.94	.80	.47	.93	.02
10	.84	.84	.65	.27	49.97	.58	.23	.88	.81	.50	.92	.01
11	48.84	48.84	50.72	50.26	50.44	50.59	50.23	49.87	48.80	48.49	48.99	48.98
12	.84	.84	.84	.24	.45	.51	.20	.85	.80	.57	.93	.92
13	.84	.84	51.31	.27	.34	.59	.19	.85	.80	.52	.97	49.04
14	.84	.84	.76	.30	49.92	.60	.46	.85	.80	.43	.46	.02
15	.84	.84	.98	.29	50.32	.60	51.11	.83	.80	.47	.93	.02
16	48.84	48.84	52.05	50.29	50.44	50.60	52.13	49.82	48.81	48.47	48.92	49.02
17	49.30	.84	51.97	.28	51.50	.60	.87	.83	.58	.50	.88	.00
18	.57	.83	.80	.28	52.59	.60	.74	.83	.59	.51	.93	.02
19	.56	49.05	.60	.28	.90	.60	.60	.81	.38	.50	.87	48.81
20	.56	.18	.43	.28	.78	.60	.40	.80	.43	.66	.39	49.03
21	49.56	48.94	51.27	50.28	52.57	50.60	52.16	49.82	48.47	48.74	48.91	49.03
22	48.85	49.16	.09	.28	.30	.60	51.89	.83	.47	.71	.91	.02
23	.35	.16	50.73	.28	.03	.59	.67	.83	.47	.75	.93	.03
24	.34	.16	.80	.29	51.80	.59	.47	.83	.47	.75	.93	.04
25	.34	.16	.70	.27	.61	.60	.27	.61	.46	.76	.93	.10
26	48.36	49.15	50.60	50.29	51.40	50.60	51.08	49.82	48.48	48.75	48.92	49.04
27	.64	.15	.50	.28	.29	.60	50.90	.83	.49	.74	.93	.04
28	.85	.15	.44	.27	.09	.44	.67	.84	.48	.75	.95	.03
29	.85	.15	49.21	.27	.03	.19	.59	.83	.47	.75	-	.04
30	.85	.15	48.64	.30	.02	.18	.67	.82	.48	.73	-	.03
31	-	.52	-	.33	.01	-	.61	-	.48	.76	-	.03
Mean	48.88	48.97	50.09	50.14	50.99	50.59	50.87	49.93	48.70	48.59	48.84	49.00
Max.	49.57	49.52	52.05	50.39	52.90	50.91	52.87	50.43	49.91	48.76	48.99	49.10
Min.	48.34	48.84	48.64	48.70	49.84	50.18	49.36	49.61	48.38	48.43	48.39	48.81

WATER YEAR 1974 : Max. 52.90 m. Min. 48.34 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	14	15	45	11	72	98	58	69	52	5.96	13	16
2	14	15	45	13	65	95	49	75	37	7.16	12	18
3	14	15	45	27	67	93	48	71	14	5.96	12	18
4	14	15	45	73	67	89	31	66	14	5.96	10	18
5	14	14	59	70	67	85	41	62	14	6.14	7.38	19
6	14	14	67	68	68	82	46	60	14	5.96	12	19
7	14	14	68	67	68	82	53	59	11	6.72	12	19
8	14	14	74	59	49	83	63	56	13	6.50	17	19
9	14	14	81	68	63	75	64	53	13	5.96	17	20
10	14	14	85	68	54	82	66	51	14	6.50	17	19
11	14	14	89	67	75	82	66	50	13	6.32	19	18
12	14	14	95	66	76	78	64	49	13	8.04	17	17
13	14	14	123	68	71	82	64	49	13	6.94	18	20
14	14	14	155	69	52	83	76	49	13	5.24	5.78	20
15	14	14	174	68	70	83	110	49	13	5.96	17	20
16	14	14	180	68	75	83	187	48	14	5.96	17	20
17	29	14	173	68	135	83	266	49	8.26	6.50	16	19
18	38	14	158	68	235	83	252	49	8.48	6.72	17	20
19	38	20	142	68	270	83	236	48	4.36	6.50	15	14
20	38	25	131	68	256	83	214	47	5.24	10	4.53	20
21	38	17	120	68	233	83	190	48	5.96	12	16	20
22	15	24	109	68	204	83	166	49	5.96	11	16	20
23	3.85	24	100	68	178	82	148	49	5.96	12	17	20
24	3.68	24	93	68	158	82	133	49	5.96	12	17	20
25	3.68	24	88	68	143	83	120	40	5.78	12	17	22
26	4.02	24	83	68	128	83	108	48	6.14	12	17	20
27	9.62	24	78	68	121	83	98	49	6.32	12	17	20
28	15	24	75	68	109	75	86	49	6.14	12	18	20
29	15	24	26	68	105	64	82	49	5.96	12	–	20
30	15	24	9.62	69	105	64	86	48	6.14	12	–	20
31	–	37	– –	70	104	–	83	–	6.14	12	–	20
Total	489.85	571	2,815.62	1,953	3,543	2,469	3,354	1,587	367.80	262.00	410.69	595
Mean	16.3	18.4	93.8	63.0	114	82.3	108	52.9	11.9	8.45	14.7	19.2
Max.	38	37	180	73	270	98	266	75	52	12	19	22
Min.	3.68	14	9.62	11	49	64	31	40	4.36	5.24	4.53	14
Runoff - MCM.	42.323	49.334	243.269	168.739	306.115	213.322	289.786	137.117	31.778	22.637	35.484	51.408

WATER YEAR 1974 : Max. 270 Min. 3.68 Mean 50.5 Annual Runoff 1,591.312 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.17	13.00	52.97	278				

PHET RIVER BASIN

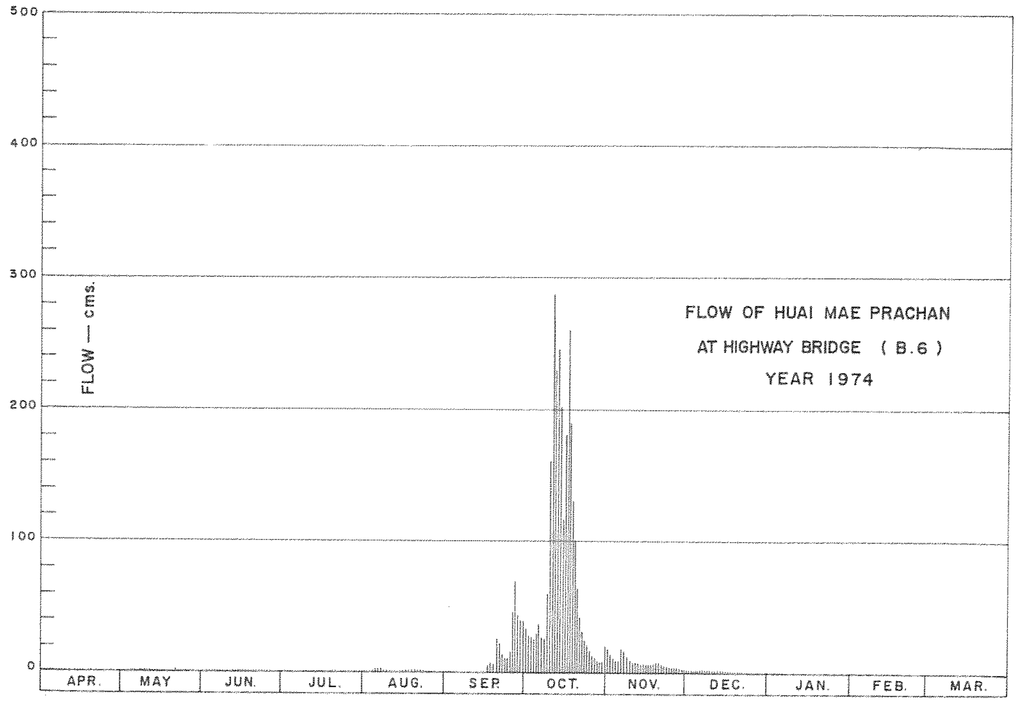
Huai Mae Prachan at Highway Bridge, Phetchaburi (B.6)

Location:	Lat. 12°-55'-56" N., Long. 99°-47'-05" E., on left bank about 250 meters upstream from the bridge on country road Khuan Phet - Kaeng Krachan Reservoir, Amphoe Tha Yang, Phetchaburi.
Drainage Area:	1,015 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 22.71 m. (M.S.L.)
Bench Mark:	B.M. - H.S. RID
Location:	near the automatic gage building.
Elevation:	+ 30.274 m. (M.S.L.)
Gage Reading Frequency:	Recording.
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1941-1942, 1961 to date.
Rating Operation:	
Period of Rating:	1961-1963, 1964 to date.
Rated by Float:	-
Rated by Current Meter:	1961-1963, 1964 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment but periodic curve are used for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 74 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	23.70	23.73	23.75	23.77	23.71	23.91	24.82	24.48	23.74	23.50	23.44	23.35
2	.69	.73	.94	.78	.75	.93	.72	.32	.74	.50	.42	.34
3	.69	.75	.98	.86	.80	.90	.69	.22	.72	.49	.41	.34
4	.69	.85	.95	.88	24.08	.86	.66	.13	.70	.49	.41	.34
5	.68	.84	.92	.87	.18	.84	.77	.11	.69	.49	.41	.34
6	23.68	23.80	23.90	23.85	24.15	23.83	24.93	24.48	23.69	23.48	23.40	23.34
7	.67	.91	.88	.82	.09	.83	.68	.44	.68	.48	.40	.34
8	.67	.93	.87	.79	.06	.83	.64	.26	.67	.48	.40	.33
9	.66	.94	.87	.79	.02	.82	25.30	.15	.66	.48	.40	.32
10	.64	.92	.89	.78	23.99	.82	26.67	.07	.66	.48	.39	.32
11	23.63	23.89	23.89	23.78	23.96	23.81	27.90	24.04	23.65	23.53	23.39	23.32
12	.62	.87	.88	.77	.92	.82	.38	.03	.64	.58	.38	.32
13	.61	.83	.87	.77	.90	.82	.54	23.98	.64	.54	.38	.32
14	.62	.84	.86	.78	.89	.89	26.57	.99	.63	.53	.38	.32
15	.67	.84	.86	.77	.88	.92	.17	24.00	.62	.52	.37	.32
16	23.70	23.81	23.83	23.75	23.87	23.95	26.92	23.96	23.60	23.52	23.37	23.31
17	.71	.80	.83	.73	.88	24.35	27.66	.93	.60	.51	.37	.31
18	.75	.79	.82	.73	.90	.43	26.57	.97	.59	.50	.36	.31
19	.76	.79	.82	.72	.94	.35	.17	24.07	.59	.51	.36	.31
20	.76	.78	.81	.71	24.00	.95	25.56	.04	.58	.51	.36	.30
21	23.76	24.09	23.82	23.72	23.97	24.88	25.16	23.99	23.57	23.50	23.36	23.30
22	.76	23.87	.87	.71	24.01	.68	24.86	.95	.56	.50	.36	.30
23	.76	.86	.95	.71	23.99	.59	.64	.92	.56	.49	.36	.30
24	.75	.89	.93	.70	.96	.56	.56	.89	.56	.49	.35	.30
25	.75	.88	.89	.70	.94	.70	.39	.87	.55	.48	.35	.30
26	23.76	23.91	23.85	23.70	23.91	25.28	24.28	23.83	23.55	23.48	23.35	23.30
27	.76	.88	.82	.70	.89	.62	.19	.81	.54	.48	.35	.30
28	.75	.91	.80	.72	.87	.02	.12	.80	.54	.46	.35	.30
29	.74	.93	.81	.72	.87	24.99	.06	.78	.53	.45	-	.29
30	.74	.90	.79	.72	.88	.97	.09	.76	.52	.45	-	.29
31	-	.87	-	.71	.88	-	.54	-	.52	.44	-	.30
Mean	23.70	23.86	23.86	23.76	23.94	24.30	25.39	24.04	23.61	23.49	23.38	23.31
Max.	23.76	24.09	23.98	23.88	24.18	25.62	27.90	24.48	23.74	23.58	23.44	23.35
Min.	23.61	23.73	23.75	23.70	23.71	23.81	24.06	23.76	23.52	23.44	23.35	23.29

WATER YEAR 1974 : Max. 27.90 m. Min. 23.29 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.50	0.59	0.65	0.71	0.53	1.37	33	19	3.10	0.50	0.32	0.10
2	0.48	0.59	1.58	0.74	0.65	1.51	29	15	3.10	0.50	0.26	0.08
3	0.48	0.65	1.86	1.10	0.80	1.30	28	12	2.80	0.47	0.23	0.08
4	0.48	1.05	1.65	1.20	2.56	1.10	26	10	2.50	0.47	0.23	0.08
5	0.46	1.00	1.44	1.15	3.34	1.00	31	10	2.40	0.47	0.23	0.08
6	0.46	0.80	1.30	1.05	3.10	0.95	37	19	2.40	0.44	0.20	0.08
7	0.44	1.37	1.20	0.90	2.63	0.95	27	18	2.30	0.44	0.20	0.08
8	0.44	1.51	1.15	0.77	2.42	0.95	26	13	2.20	0.44	0.20	0.06
9	0.42	1.58	1.15	0.77	2.14	0.90	56	11	2.10	0.44	0.20	0.04
10	0.38	1.44	1.25	0.74	1.93	0.90	159	8.90	2.10	0.44	0.18	0.04
11	0.36	1.25	1.25	0.74	1.72	0.85	287	8.30	2.00	0.80	0.18	0.04
12	0.34	1.15	1.20	0.71	1.44	0.90	229	8.10	1.90	1.30	0.16	0.04
13	0.32	0.95	1.15	0.71	1.30	0.90	246	7.10	1.90	0.90	0.16	0.04
14	0.34	1.00	1.10	0.74	1.25	1.25	149	7.30	1.80	0.80	0.16	0.04
15	0.44	1.00	1.10	0.71	1.20	1.44	116	7.50	1.70	0.70	0.14	0.04
16	0.50	0.85	0.95	0.65	1.15	1.65	182	6.70	1.50	0.70	0.14	0.02
17	0.53	0.80	0.95	0.59	1.20	6.00	260	6.10	1.50	0.60	0.14	0.02
18	0.65	0.77	0.90	0.59	1.30	7.60	149	6.90	1.40	0.50	0.12	0.02
19	0.68	0.77	0.90	0.56	1.58	6.00	116	8.90	1.40	0.60	0.12	0.02
20	0.68	0.74	0.85	0.53	2.00	26	72	8.30	1.30	0.60	0.12	0.00
21	0.68	2.63	0.90	0.56	1.79	23	49	7.30	1.20	0.50	0.12	0.00
22	0.68	1.15	1.15	0.53	2.07	15	34	6.50	1.10	0.50	0.12	0.00
23	0.68	1.10	1.65	0.53	1.93	12	26	5.90	1.10	0.47	0.12	0.00
24	0.65	1.25	1.51	0.50	1.72	11	22	5.35	1.10	0.47	0.10	0.00
25	0.65	1.20	1.25	0.50	1.58	15	17	5.05	1.00	0.44	0.10	0.00
26	0.68	1.37	1.05	0.50	1.37	46	14	4.45	1.00	0.44	0.10	0.00
27	0.68	1.20	0.90	0.50	1.25	70	12	4.15	0.90	0.44	0.10	0.00
28	0.65	1.37	0.80	0.56	1.15	42	10	4.00	0.90	0.38	0.10	0.00
29	0.62	1.51	0.85	0.56	1.15	40	8.70	3.70	0.80	0.35	–	0.00
30	0.62	1.30	0.77	0.56	1.20	39	9.30	3.40	0.70	0.35	–	0.00
31	–	1.15	–	0.53	1.20	–	22	–	0.70	0.32	–	0.00
Total	15.97	35.09	34.41	21.49	50.65	376.52	1,482.00	260.90	51.90	16.77	4.55	1.00
Mean	0.53	1.13	1.15	0.69	1.63	12.5	80.1	8.70	1.67	0.54	0.16	0.03
Max.	0.68	2.63	1.86	1.20	3.34	70	287	19	3.10	1.30	0.32	0.10
Min.	0.32	0.59	0.65	0.50	0.53	0.85	8.70	3.40	0.70	0.32	0.10	0.00
Runoff - mcm.	1.380	3.032	2.973	1.857	4.376	32.531	214.445	22.542	4.484	1.449	0.393	0.086

WATER YEAR 1974 : Max. 287 Min. 0.00 Mean 9.18 Annual Runoff 289.548 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 11	20.00	27.98	297				

PHET RIVER BASIN

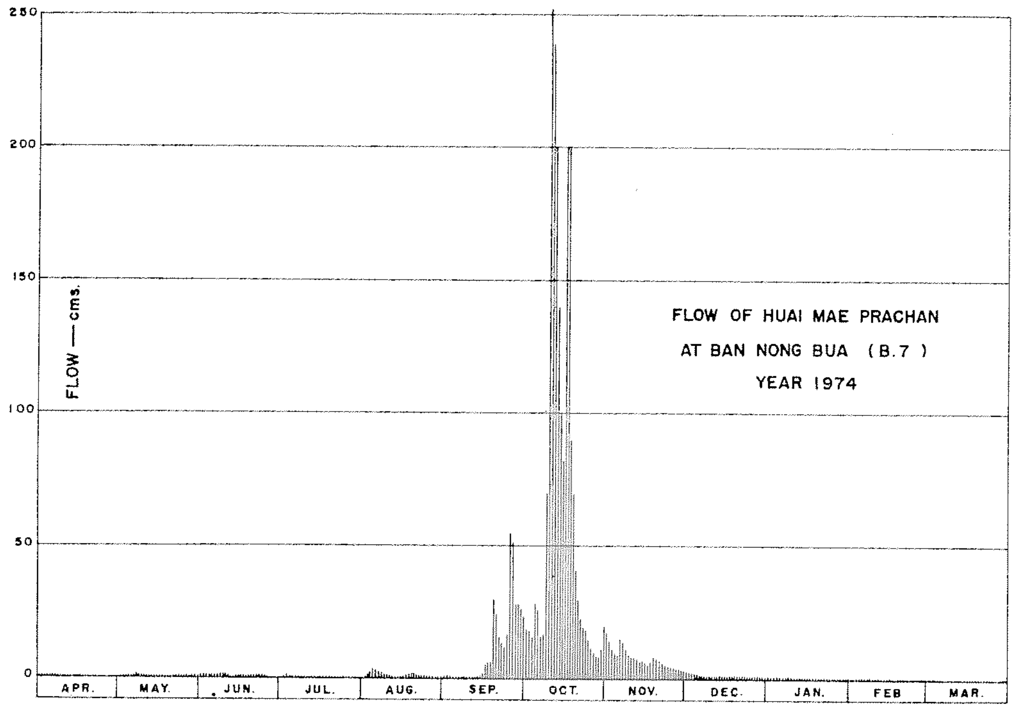
Huai Mae Prachan at Ban Nong Bua, Phetchaburi (B.7)

Location:	Lat. 13°-01'-45" N., Long. 99°-44'-00" E., on left bank at Ban Nong Bua, Amphoe Tha Yang, Phetchaburi.
Drainage Area:	846 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	infront of B7 station office.
Elevation:	+ 10.495 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967 to date.
Rated by Float:	-
Rated by Current Meter:	1967 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 6.60 m. (A.D.) and is included.
General Description:	Records good. Stage-discharge relation defined by 262 discharge measurements made in 1974.
Remarks:	* Mean hourly discharge.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.90	0.97	1.32	1.07	1.11	1.31	3.21	2.95	1.67	1.22	1.12	0.96
2	.93	.97	.42	.24	.18	.23	.06	.72	.64	.21	.11	.96
3	.94	.98	.36	.27	.39	.18	.06	.53	.61	.20	.11	.95
4	.96	.98	.30	.22	.82	.14	2.85	.38	.58	.20	.10	.95
5	.95	1.06	.26	.20	.81	.12	3.63	.34	.55	.19	.08	.95
6	0.94	1.23	1.22	1.14	1.63	1.10	3.52	2.82	1.53	1.18	1.07	0.95
7	.93	.38	.20	.12	.57	.10	2.91	.79	.51	.17	.06	.95
8	.93	.36	.21	.11	.51	.13	.93	.50	.49	.16	.05	.95
9	.92	.31	.25	.09	.36	.11	4.01	.36	.48	.16	.05	.94
10	.92	.27	.24	.09	.29	.10	7.30	.24	.47	.17	.04	.94
11	0.93	1.21	1.22	1.09	1.24	1.18	7.72	2.30	1.45	1.19	1.04	0.93
12	.99	.15	.19	.07	.21	.19	.54	.23	.43	.21	.05	.93
13	.98	.19	.18	.05	.19	.25	.12	.14	.42	.22	.05	.93
14	.96	.18	.16	.05	.17	.27	5.90	.10	.40	.23	.03	.92
15	1.05	.12	.16	.01	.17	.29	.55	.17	.39	.23	.02	.92
16	1.06	1.09	1.16	1.01	1.20	1.58	7.24	2.06	1.38	1.24	1.02	0.92
17	.21	.07	.15	.00	.22	2.18	.24	.01	.36	.22	.02	.92
18	.17	.05	.14	0.98	.26	.07	5.88	.21	.34	.21	.01	.91
19	.12	.03	.12	.97	.42	.20	.38	.30	.31	.21	.01	.91
20	.07	.02	.13	.96	.46	3.74	4.38	.23	.31	.20	.00	.91
21	1.04	1.11	1.21	0.96	1.41	3.21	3.82	2.14	1.31	1.20	1.00	0.90
22	.03	.16	.33	.98	.37	2.79	.40	.06	.30	.20	0.99	.90
23	.03	.28	.33	.97	.32	.62	.12	.00	.29	.19	.98	.92
24	.04	.20	.24	.96	.28	.61	.01	1.95	.28	.18	.98	.95
25	.02	.15	.18	.97	.24	3.06	2.73	.90	.27	.17	.98	.96
26	1.01	1.16	1.14	1.00	1.21	4.77	2.58	1.84	1.26	1.17	0.98	0.94
27	.01	.24	.10	.07	.19	.60	.45	.80	.26	.16	.97	.94
28	.00	.30	.08	.03	.18	3.57	.35	.77	.25	.15	.96	.93
29	0.99	.25	.06	.02	.21	.63	.26	.73	.24	.14	-	.96
30	.98	.21	.05	0.99	.22	.50	.56	.71	.23	.14	-	.99
31	-	.18	-	1.02	.29	-	3.18	-	.22	.13	-	.96
Mean	1.00	1.16	1.20	1.05	1.33	2.13	4.25	2.21	1.39	1.19	1.03	0.94
Max.	1.21	1.38	1.42	1.27	1.82	4.77	7.72	2.95	1.67	1.24	1.12	0.99
Min.	0.90	0.97	1.05	0.96	1.11	1.10	2.26	1.71	1.22	1.13	0.96	0.90

WATER YEAR 1974 : Max. 7.72 m. Min. 0.90 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.20	0.34	1.26	0.54	0.63	1.23	21	17	2.85	0.96	0.66	0.32
2	0.26	0.34	1.60	1.02	0.84	0.99	18	13	2.70	0.93	0.63	0.32
3	0.28	0.36	1.38	1.11	1.47	0.84	18	11	2.55	0.90	0.63	0.30
4	0.32	0.36	1.20	0.96	3.86	0.72	15	9.16	2.40	0.90	0.60	0.30
5	0.30	0.52	1.08	0.90	3.78	0.66	28	8.68	2.25	0.87	0.56	0.30
6	0.28	0.99	0.96	0.72	2.65	0.60	26	15	2.15	0.84	0.54	0.30
7	0.26	1.44	0.90	0.66	2.35	0.60	16	14	2.05	0.81	0.52	0.30
8	0.26	1.38	0.93	0.63	2.05	0.69	16	11	1.95	0.78	0.50	0.30
9	0.24	1.23	1.05	0.58	1.38	0.63	36	8.92	1.90	0.78	0.50	0.28
10	0.24	1.11	1.02	0.58	1.17	0.60	*205	7.60	1.85	0.81	0.48	0.28
11	0.26	0.93	0.96	0.58	1.02	0.84	*252	8.20	1.75	0.87	0.48	0.26
12	0.38	0.75	0.87	0.54	0.93	0.87	*231	7.50	1.65	0.93	0.50	0.26
13	0.36	0.87	0.84	0.50	0.87	1.05	*188	6.60	1.60	0.96	0.50	0.26
14	0.32	0.84	0.78	0.50	0.81	1.11	101	6.20	1.50	0.99	0.46	0.24
15	0.50	0.66	0.78	0.42	0.81	1.17	83	6.90	1.47	0.99	0.44	0.24
16	0.52	0.58	0.78	0.42	0.90	2.40	*200	5.84	1.44	1.02	0.44	0.24
17	0.93	0.54	0.75	0.40	0.96	7.00	*200	5.39	1.38	0.96	0.44	0.24
18	0.81	0.50	0.72	0.36	1.08	5.93	100	7.30	1.32	0.93	0.42	0.22
19	0.66	0.46	0.66	0.34	1.60	7.20	76	8.20	1.23	0.93	0.42	0.22
20	0.54	0.44	0.69	0.32	1.80	30	45	7.50	1.23	0.90	0.40	0.22
21	0.48	0.63	0.93	0.32	1.55	21	32	6.60	1.23	0.90	0.40	0.20
22	0.46	0.78	1.29	0.36	1.41	14	24	5.84	1.20	0.90	0.38	0.20
23	0.46	1.14	1.29	0.34	1.26	12	19	5.30	1.17	0.87	0.36	0.24
24	0.48	0.90	1.02	0.32	1.14	12	18	4.90	1.14	0.84	0.36	0.30
25	0.44	0.75	0.84	0.34	1.02	18	14	4.50	1.11	0.81	0.36	0.32
26	0.42	0.78	0.72	0.40	0.93	55	11	4.02	1.08	0.81	0.36	0.28
27	0.42	1.02	0.60	0.54	0.87	50	10	3.70	1.08	0.78	0.34	0.28
28	0.40	1.20	0.56	0.46	0.84	27	8.80	3.49	1.05	0.75	0.32	0.26
29	0.38	1.05	0.52	0.44	0.93	28	7.80	3.21	1.02	0.72	–	0.32
30	0.36	0.93	0.50	0.38	0.96	26	11	3.07	0.99	0.72	–	0.38
31	–	0.84	–	0.44	1.17	–	20	–	0.96	0.69	–	0.32
Total	12.22	24.66	27.48	16.42	43.04	328.13	2,040.60	229.62	49.25	26.85	13.00	8.50
Mean	0.41	0.79	0.92	0.53	1.39	10.9	65.8	7.65	1.59	0.87	0.46	0.27
Max.	0.93	1.44	1.60	1.11	3.86	55	252	17	2.85	1.02	0.66	0.38
Min.	0.20	0.34	0.50	0.32	0.63	0.60	7.80	3.07	0.96	0.69	0.32	0.20
Runoff - mcm.	1.056	2.131	2.374	1.419	3.719	28.350	176.308	19.839	4.255	2.320	1.123	0.734

WATER YEAR 1974 : Max. 252 Min. 0.20 Mean 7.72 Annual Runoff 243.628 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 10	21.00	8.55	374				

PHET RIVER BASIN

Huai Phak at Tambon Klad Luang, Phetchaburi (B.8)

Location: Lat. 12°-48'-49" N., Long. 99°-41'-32" E., on left bank at Tambon Klad Luang, Tambon Song Phinong, Amphoe Tha Yang, Phetchaburi.

Drainage Area: 264 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: infront of gage observer's house.
Elevation: + 8.879 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1973 to date.

Rating Operation:

Period of Rating: 1973 to date.
Rated by Float: -
Rated by Current Meter: 1973 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

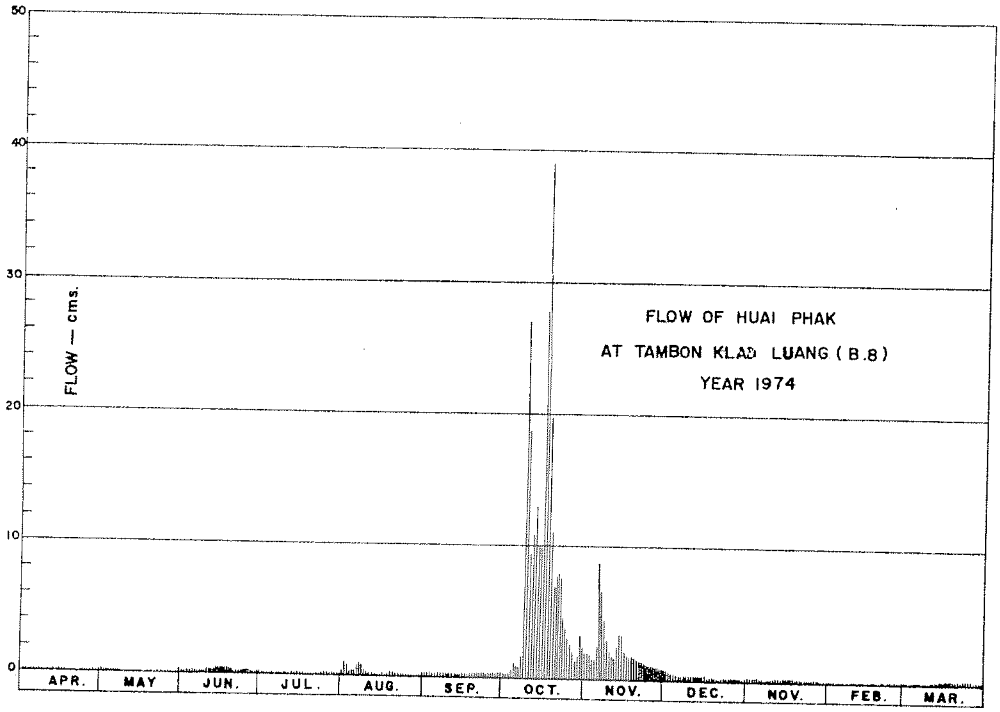
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 23 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.65	1.63	1.78	1.74	2.08	1.78	1.80	2.28	1.98	1.71	1.64	1.60
2	.65	.63	.78	.74	.03	.77	.81	.27	.93	.71	.64	.62
3	.65	.63	.78	.74	1.90	.77	.84	.17	.89	.71	.64	.62
4	.65	.63	.78	.74	.87	.76	2.02	.12	.80	.71	.63	.63
5	.64	.63	.78	.74	.86	.76	.07	.30	.80	.71	.62	.64
6	1.64	1.63	1.78	1.74	2.02	1.76	1.95	3.04	1.80	1.71	1.62	1.64
7	.64	.63	.78	.73	.06	.77	2.14	2.75	.79	.69	.62	.64
8	.64	.63	.78	.73	1.91	.78	.67	.51	.80	.69	.62	.64
9	.64	.63	.78	.73	.84	.78	4.13	.38	.79	.69	.62	.65
10	.64	.63	.79	.73	.79	.78	3.79	.29	.79	.69	.62	.65
11	1.64	1.63	1.79	1.73	1.76	1.77	3.06	2.24	1.78	1.70	1.62	1.65
12	.64	.63	.79	.73	.75	.76	.27	.24	.78	.73	.62	.65
13	.64	.63	.82	.74	.76	.77	.36	.48	.77	.72	.62	.65
14	.64	.63	.85	.73	.74	.77	.17	.50	.77	.70	.62	.65
15	.63	.63	.86	.73	.75	.77	.19	.36	.76	.70	.62	.65
16	1.63	1.63	1.85	1.73	1.78	1.78	4.14	2.27	1.75	1.70	1.62	1.65
17	.63	.63	.82	.73	.78	.78	.60	.24	.74	.70	.62	.65
18	.63	.63	.82	.73	.80	.78	3.52	.24	.73	.70	.61	.64
19	.63	.63	.78	.72	.82	.78	.11	.20	.72	.69	.61	.64
20	.63	.63	.76	.72	.80	.79	2.90	.16	.72	.69	.60	.64
21	1.63	1.64	1.77	1.72	1.77	1.79	2.99	2.13	1.72	1.69	1.60	1.64
22	.63	.65	.75	.72	.76	.80	.97	.11	.72	.69	.61	.64
23	.63	.65	.75	.72	.75	.80	.61	.08	.72	.68	.61	.64
24	.63	.64	.74	.72	.74	.80	.55	.06	.72	.68	.61	.64
25	.63	.65	.74	.72	.74	.80	.44	.05	.72	.67	.61	.65
26	1.63	1.65	1.74	1.72	1.74	1.80	2.37	2.04	1.72	1.67	1.61	1.66
27	.63	.65	.74	.72	.74	.80	.29	.03	.72	.67	.61	.67
28	.63	.65	.74	.72	.74	.81	.10	.01	.72	.66	.60	.66
29	.63	.68	.74	.72	.74	.81	.21	1.99	.71	.65	-	.66
30	.63	.78	.74	.72	.78	.80	.48	.99	.71	.65	-	.66
31	-	.78	-	.72	.77	-	.28	-	.71	.64	-	.66
Mean	1.64	1.64	1.78	1.73	1.82	1.78	2.77	2.25		1.69	1.62	
Max.	1.65	1.78	1.86	1.76	2.08	1.81	4.60	3.04	1.98	1.73	1.64	1.67
Min.	1.63	1.63	1.74	1.72	1.74	1.76	1.80	1.99	1.71	1.64	1.60	1.60

WATER YEAR 1974 : Max. 4.60 m. Min. 1.60 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.05	0.03	0.26	0.18	1.12	0.26	0.30	1.92	0.74	0.12	0.04	0.00
2	0.05	0.03	0.26	0.18	0.92	0.24	0.32	1.88	0.59	0.12	0.04	0.02
3	0.05	0.03	0.26	0.18	0.50	0.24	0.38	1.48	0.48	0.12	0.04	0.02
4	0.05	0.03	0.26	0.18	0.44	0.22	0.88	1.28	0.30	0.12	0.03	0.03
5	0.04	0.03	0.26	0.18	0.42	0.22	1.08	2.00	0.30	0.12	0.02	0.04
6	0.04	0.03	0.26	0.18	0.88	0.22	0.65	8.68	0.30	0.12	0.02	0.04
7	0.04	0.03	0.26	0.16	1.04	0.24	1.36	5.50	0.28	0.09	0.02	0.04
8	0.04	0.03	0.26	0.16	0.53	0.26	4.76	3.48	0.30	0.09	0.02	0.04
9	0.04	0.03	0.26	0.16	0.38	0.26	27	2.48	0.28	0.09	0.02	0.05
10	0.04	0.03	0.28	0.16	0.28	0.26	20	1.96	0.28	0.09	0.02	0.05
11	0.04	0.03	0.28	0.16	0.22	0.24	8.92	1.76	0.26	0.10	0.02	0.05
12	0.04	0.03	0.28	0.16	0.20	0.22	11	1.76	0.26	0.16	0.02	0.05
13	0.04	0.03	0.34	0.18	0.22	0.24	13	3.24	0.24	0.14	0.02	0.05
14	0.04	0.03	0.40	0.16	0.18	0.24	10	3.40	0.24	0.10	0.02	0.05
15	0.03	0.03	0.42	0.16	0.20	0.24	10	2.36	0.22	0.10	0.02	0.05
16	0.03	0.03	0.40	0.16	0.26	0.26	27	1.88	0.20	0.10	0.02	0.05
17	0.03	0.03	0.34	0.16	0.26	0.26	39	1.76	0.18	0.10	0.02	0.05
18	0.03	0.03	0.34	0.16	0.30	0.26	15	1.76	0.16	0.10	0.01	0.04
19	0.03	0.03	0.26	0.14	0.34	0.26	9.52	1.60	0.14	0.09	0.01	0.04
20	0.03	0.03	0.22	0.14	0.30	0.28	7.00	1.44	0.14	0.09	0.00	0.04
21	0.03	0.04	0.24	0.14	0.24	0.28	8.08	1.32	0.14	0.09	0.00	0.04
22	0.03	0.05	0.20	0.14	0.22	0.30	7.84	1.24	0.14	0.09	0.01	0.04
23	0.03	0.05	0.20	0.14	0.20	0.30	4.28	1.12	0.14	0.08	0.01	0.04
24	0.03	0.04	0.18	0.14	0.18	0.30	3.80	1.04	0.14	0.08	0.01	0.04
25	0.03	0.05	0.18	0.14	0.18	0.30	2.92	1.00	0.14	0.07	0.01	0.05
26	0.03	0.05	0.18	0.14	0.18	0.30	2.42	0.96	0.14	0.07	0.01	0.06
27	0.03	0.05	0.18	0.14	0.18	0.30	1.96	0.92	0.14	0.07	0.01	0.07
28	0.03	0.05	0.18	0.14	0.18	0.32	1.20	0.84	0.14	0.06	0.00	0.06
29	0.03	0.08	0.18	0.14	0.18	0.32	1.64	0.77	0.12	0.05	–	0.06
30	0.03	0.26	0.18	0.14	0.26	0.30	3.24	0.77	0.12	0.05	–	0.06
31	–	0.26	–	0.14	0.24	–	1.92	–	0.12	0.04	–	0.06
Total	1.08	1.58	7.80	4.84	11.23	7.94	246.47	61.60	7.37	2.91	0.49	1.38
Mean	0.036	0.050	0.26	0.16	0.36	0.26	7.95	2.05	0.24	0.093	0.017	0.044
Max.	0.05	0.26	0.42	0.18	1.12	0.32	39	8.68	0.74	0.16	0.04	0.07
Min.	0.03	0.03	0.18	0.14	0.18	0.22	0.30	0.77	0.12	0.04	0.00	0.00
Runoff – mcm.	0.093	0.137	0.674	0.418	0.970	0.686	21.295	5.322	0.637	0.251	0.042	0.119

WATER YEAR 1974 : Max. 39 Min. 0.00 Mean 0.97 Annual Runoff 30.645 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct. 12	1.00	5.69	73				

PRAN RIVER BASIN

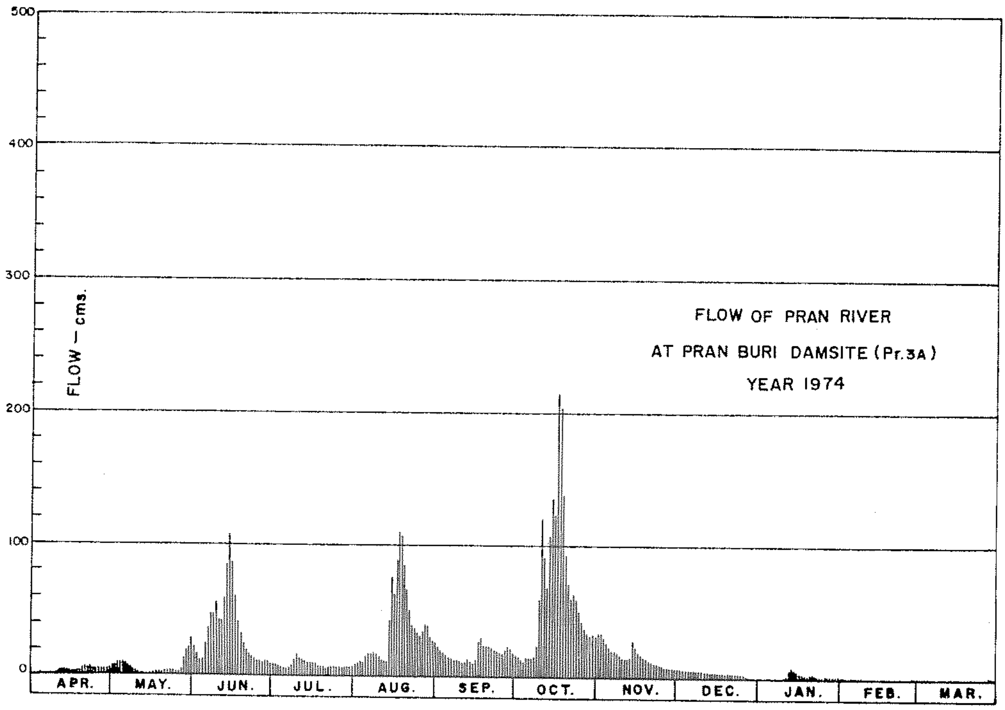
Pran River at Pran Buri Headwork, Prachuap Khiri Khan (Pr.3A)

Location:	Lat. 12°-23'-59" N., Long. 99°-48'-37" E., on right bank about 1.5 kilometers downstream from Pran Damsite, Amphoe Pran Buri, Prachuap Khiri Khan.
Drainage Area:	2,067 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 13.800 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	near automatic gage building.
Elevation:	+ 26.276 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1968 to date.
Rating Operation:	
Period of Rating:	1968 to date.
Rated by Float:	-
Rated by Current Meter:	1968 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 252 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	15.39	15.90	16.82	16.12	16.06	16.78	16.47	17.31	15.95	15.31	15.53	15.44
2	.43	.97	.54	.06	.25	.69	.38	.23	.95	.29	.54	.43
3	.52	16.04	.27	.05	.27	.60	.29	.08	.92	.30	.52	.41
4	.51	.10	.22	15.98	.16	.51	.26	16.87	.90	.40	.53	.42
5	.51	.09	.57	.93	.36	.43	.41	.74	.88	.42	.51	.42
6	15.47	16.07	17.30	15.90	16.52	16.36	16.35	16.65	15.87	15.41	15.51	15.41
7	.45	.04	.82	.98	.56	.31	.34	.63	.87	.40	.50	.40
8	.45	15.87	.78	16.02	.55	.30	.50	.58	.85	.36	.50	.40
9	.49	.77	18.17	.33	.55	.30	.97	.49	.84	.36	.50	.39
10	.52	.70	17.83	.56	.46	.26	18.69	.42	.83	.47	.50	.38
11	15.62	15.63	17.56	16.42	16.34	16.19	20.08	16.38	15.81	15.68	15.51	15.38
12	.73	.66	.63	.31	.23	.23	18.93	.38	.78	16.04	.50	.38
13	.69	.64	18.73	.24	.23	.27	.53	.51	.78	.05	.49	.36
14	.62	.65	19.82	.15	17.85	.19	19.96	.99	.77	15.91	.49	.38
15	.58	.66	.38	.18	18.84	.20	20.46	.79	.75	.84	.47	.37
16	15.59	15.66	18.62	16.19	18.36	16.37	20.16	16.55	15.75	15.75	15.47	15.39
17	.68	.78	17.96	.12	19.24	17.05	21.97	.43	.74	.70	.46	.35
18	.64	.73	.45	.04	.85	.06	.85	.39	.73	.67	.45	.35
19	.73	.66	.07	.01	.74	16.83	20.00	.36	.72	.66	.45	.34
20	.87	.66	16.82	15.96	18.93	.82	18.92	.30	.71	.67	.44	.34
21	15.91	15.78	16.64	15.93	18.24	16.77	18.49	16.23	15.70	15.71	15.43	15.33
22	.86	.81	.49	.97	17.77	.73	.23	.19	.72	.66	.44	.32
23	.91	.81	.40	16.02	.43	.69	.42	.15	.71	.61	.44	.33
24	.78	.73	.30	.02	.26	.61	.17	.12	.69	.56	.42	.40
25	.78	.67	.26	.03	.18	.58	17.78	.09	.67	.54	.42	.43
26	15.72	15.67	16.22	16.01	17.07	16.54	17.48	16.06	15.66	15.67	15.41	15.43
27	.74	.75	.21	15.92	.46	.66	.29	.04	.56	.61	.42	.49
28	.78	16.42	.19	.98	.51	.82	.20	.01	.27	.59	.48	.53
29	.77	.63	.23	16.01	.28	.68	.12	15.99	.30	.57	-	.52
30	.82	.69	.15	15.95	.05	.52	.16	.97	.26	.55	-	.48
31	-	17.07	-	.94	16.90	-	.17	-	.26	.54	-	.45
Mean	15.65	15.91	17.18	16.07	17.31	16.54	18.13	16.46	15.72	15.59	15.48	15.40
Max.	15.91	17.07	19.82	16.56	19.85	17.06	21.97	17.31	15.95	16.05	15.54	15.53
Min.	15.39	15.63	16.15	15.90	16.06	16.19	16.26	15.97	15.26	15.29	15.41	15.32

WATER YEAR 1974 : Max. 21.97 m. Min. 15.32 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.14	7.60	25	11	10	24	17	36	8.40	0.66	2.50	1.60
2	1.50	8.72	19	10	13	22	16	34	8.40	0.54	2.60	1.50
3	2.40	9.84	14	10	14	20	14	31	7.92	0.60	2.40	1.30
4	2.30	11	13	8.83	12	18	13	26	7.60	1.20	2.50	1.40
5	2.30	11	20	8.08	15	17	16	23	7.28	1.40	2.30	1.40
6	1.90	10	36	7.60	19	15	15	21	7.12	1.30	2.30	1.30
7	1.70	9.84	49	8.88	19	14	15	21	7.12	1.20	2.20	1.20
8	1.70	7.12	48	9.52	19	14	18	20	6.80	0.96	2.20	1.20
9	2.10	5.58	58	15	19	14	28	18	6.64	0.96	2.20	1.14
10	2.40	4.60	49	19	17	13	72	16	6.48	1.90	2.20	1.08
11	3.48	3.62	42	16	15	12	120	16	6.16	4.32	2.30	1.08
12	5.02	4.04	44	14	13	13	80	16	5.72	9.84	2.20	1.08
13	4.46	3.76	74	13	13	14	68	18	5.72	10	2.10	0.96
14	3.48	3.90	109	12	49	12	115	29	5.58	7.76	2.10	1.08
15	3.00	4.04	94	12	77	12	136	24	5.30	6.64	1.90	1.02
16	3.10	4.04	70	12	63	15	123	19	5.30	5.30	1.90	1.14
17	4.32	5.72	52	11	89	30	215	17	5.16	4.60	1.80	0.90
18	3.76	5.02	40	9.84	111	30	208	16	5.02	4.18	1.70	0.90
19	5.02	4.04	31	9.36	107	25	117	15	4.88	4.04	1.70	0.84
20	7.12	4.04	25	8.56	80	25	79	14	4.74	4.18	1.60	0.84
21	7.76	5.72	21	8.08	59	24	66	13	4.60	4.74	1.50	0.78
22	6.96	6.16	18	8.72	47	23	59	12	4.88	4.04	1.60	0.72
23	7.76	6.16	16	9.52	39	22	64	12	4.74	3.34	1.60	0.78
24	5.72	5.02	14	9.52	35	21	56	11	4.46	2.80	1.40	1.20
25	5.72	4.18	13	9.68	33	20	48	11	4.18	2.60	1.40	1.50
26	4.88	4.18	13	9.36	31	19	40	10	4.04	4.18	1.30	1.50
27	5.16	5.30	12	7.92	40	22	36	9.84	2.80	3.34	1.40	2.10
28	5.72	16	12	2.88	41	25	34	9.36	0.42	3.10	2.00	2.50
29	5.58	21	13	9.36	36	22	32	9.04	0.60	2.90	–	2.40
30	6.32	22	12	8.40	30	19	33	8.72	0.36	2.70	–	2.00
31	–	31	–	8.24	27	–	33	–	0.36	2.60	–	1.70
Total	123.78	254.24	1,056	323.40	1,192	576	1,988	535.96	158.78	107.92	54.90	40.14
Mean	4.13	8.20	35.2	10.4	38.4	19.2	64.1	17.9	5.12	3.48	1.96	1.29
Max.	7.76	31	109	19	111	30	215	36	8.40	10	2.60	2.50
Min.	1.14	3.62	12	7.60	10	12	13	8.72	0.36	0.54	1.30	0.72
Runoff - mcm.	10.694	21.966	91.238	27.942	102.989	49.766	171.763	46.307	13.718	9.324	4.743	3.468

WATER YEAR 1974 : Max. 215 Min. 0.72 Mean 17.6 Annual Runoff 553.921 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Oct.17	19.00	22.66	260				

PHUM DUANG RIVER BASIN

Phum Duang River at Ban Tha Tun, Surat Thani (X.6C)

Location: Lat. 9°–03'–57" N., Long. 99°–02'–58" E., on right bank about 100 meters downstream from X68 at Ban Tha Tun, Amphoe Khiri Katthani Khom, Surat Thani.

Drainage Area: 4,415 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.030 m. (M.S.L.)

Bench Mark: B.M. – H.S.

Location: near the automatic gage site.
Elevation: + 9.00 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1972 to date.

Rating Operation:

Period of Rating: 1974
Rated by Float: –
Rated by Current Meter: 1974

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

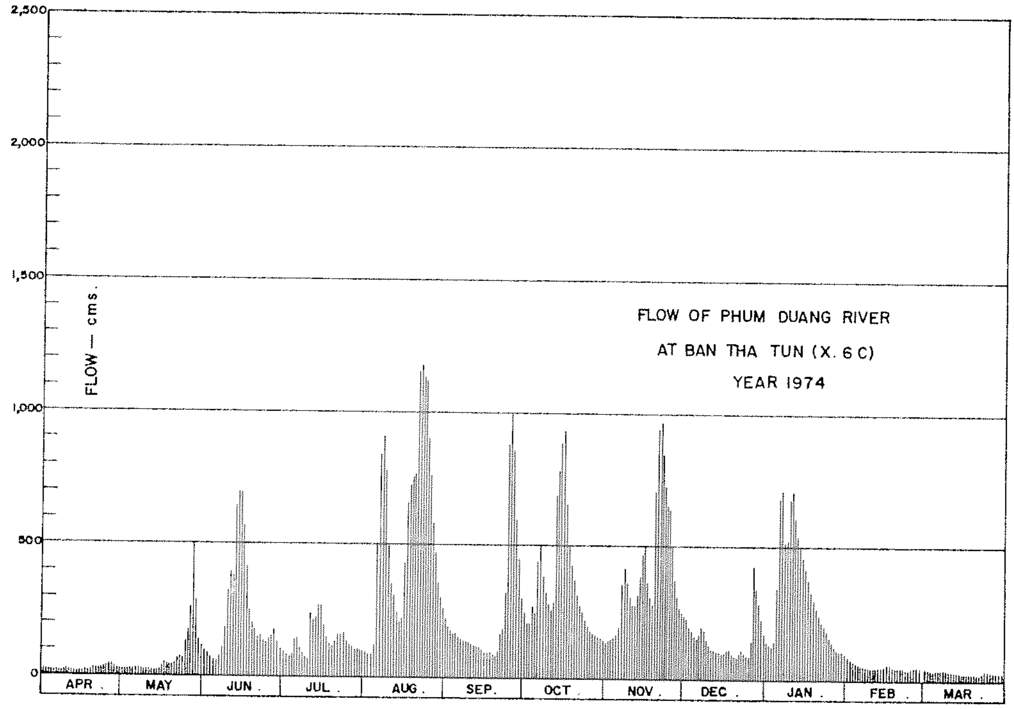
Overbank Flow Conditions: No overbank flow.

General Description: Records good, stage-discharge relation defined by 154 discharge measurements made in 1973.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.10	1.02	1.88	1.80	1.84	2.76	2.85	2.14	2.88	2.23	1.76	1.31
2	.04	.02	.80	.72	.75	.59	.67	.20	.68	.10	.70	.28
3	.02	.00	.64	.64	.68	.43	.64	.28	.53	.00	.60	.24
4	0.99	.02	.50	.57	.87	.36	3.10	.33	.42	.18	.52	.21
5	.96	.02	.42	2.20	3.39	.39	2.88	.34	.33	3.53	.46	.22
6	0.96	1.14	1.37	2.24	4.89	2.28	3.67	2.54	2.27	5.21	1.43	1.19
7	.96	.11	.66	1.96	5.92	.21	4.34	3.49	.61	.35	.41	.19
8	.96	.08	2.02	.77	6.18	.20	.14	.94	.56	4.35	.38	.28
9	1.08	.10	.58	.66	5.58	.19	3.61	.70	.30	.51	.36	.22
10	.02	.05	3.35	.51	4.35	.13	.23	.36	.12	5.12	.36	.19
11	0.99	1.02	3.84	2.93	3.63	2.05	3.00	3.12	2.01	5.32	1.35	1.17
12	.98	.01	.58	.73	.36	.03	.20	.08	1.95	4.93	.33	.16
13	.95	.03	4.98	.72	2.94	.02	5.21	.29	.91	.58	.33	.13
14	.94	.04	5.28	3.10	.62	1.98	.61	.68	.88	.36	.34	.13
15	.94	.05	.29	.10	.74	.86	6.04	4.19	.86	.16	.43	.12
16	0.99	1.26	4.83	2.68	3.29	1.81	6.27	4.36	1.90	3.95	1.52	1.11
17	1.01	.41	.00	.38	4.38	.84	5.27	3.64	.99	.73	.45	.11
18	0.99	.33	3.23	.15	5.22	.84	4.51	.28	.92	.51	.37	.12
19	1.03	.27	2.74	.01	.44	.76	.13	.06	.80	.28	.32	.11
20	.20	.27	.42	1.96	.55	.73	3.77	5.33	.74	.07	.37	.10
21	1.18	1.37	2.26	2.31	6.78	1.85	3.37	6.29	1.72	2.86	1.36	1.09
22	.14	.60	.24	.39	7.16	2.37	.07	.41	.94	.67	.33	.10
23	.11	.61	.27	.33	.05	.47	2.94	5.92	.91	.59	.30	.18
24	.21	.55	.10	.42	6.95	3.41	.72	.12	.77	.44	.29	.15
25	.20	2.07	.16	.17	.41	5.93	.59	.01	.70	.25	.28	.12
26	1.36	2.39	2.24	2.10	5.65	6.48	2.49	4.31	2.08	2.12	1.35	1.15
27	.29	3.08	.46	.00	4.91	5.73	.39	3.76	4.00	.01	.36	.15
28	.15	4.38	.22	1.92	.26	4.52	.32	.40	3.49	1.92	.32	.14
29	.08	3.29	.05	.91	3.65	3.75	.31	.13	.20	.95	–	.12
30	.01	2.32	1.92	.89	.28	.20	.28	2.95	2.82	.88	–	.13
31	–	.00	–	.84	.04	–	.21	–	.46	.81	–	.14
Mean	1.06	1.54	2.71	2.16	4.38	2.74	3.51	3.72	2.28	3.29	1.41	1.16
Max.	1.36	4.38	5.29	3.10	7.16	6.48	6.27	6.41	4.00	5.35	1.76	1.31
Min.	0.94	1.00	1.37	1.51	1.68	1.73	2.21	2.14	1.70	1.81	1.28	1.09

WATER YEAR 1974 : Max. 7.16 m. Min. 0.94 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	28	23	102	92	97	221	234	133	239	145	88	45
2	24	23	92	83	86	196	207	141	209	128	81	42
3	23	22	75	75	79	173	203	152	187	116	71	39
4	21	23	61	68	100	163	272	159	172	138	63	37
5	20	23	54	141	318	168	239	161	159	343	57	38
6	20	31	50	147	609	152	369	189	151	679	55	35
7	20	29	77	111	845	142	496	336	198	711	53	35
8	20	27	118	89	912	141	456	418	191	498	50	42
9	27	28	194	77	764	140	358	374	155	530	49	38
10	23	25	312	62	498	132	293	314	131	659	49	35
11	21	23	399	246	361	122	257	275	117	705	48	34
12	21	23	352	216	314	120	288	269	110	618	46	33
13	19	24	629	215	248	118	679	302	105	544	46	30
14	18	24	695	272	200	114	771	370	102	500	47	30
15	18	25	698	272	218	99	875	466	99	460	55	30
16	21	41	596	209	302	93	935	500	104	419	63	29
17	23	53	429	166	504	97	693	363	115	379	56	29
18	21	46	293	134	682	97	530	301	106	340	50	30
19	24	42	218	117	732	88	454	266	92	301	46	29
20	36	42	172	111	757	84	387	707	85	267	50	28
21	34	50	149	156	1,070	98	315	940	83	236	49	27
22	31	71	147	168	1,176	165	267	972	109	207	46	28
23	29	72	151	159	1,145	179	248	845	105	196	44	34
24	37	66	128	172	1,117	322	215	659	89	175	43	32
25	36	124	136	137	972	847	196	635	81	148	42	30
26	49	168	147	128	780	990	182	490	126	131	48	32
27	43	269	177	116	613	799	168	385	429	117	49	32
28	32	504	144	106	480	532	158	320	336	106	46	31
29	27	302	122	105	365	383	156	277	288	110	–	30
30	23	158	106	103	301	288	152	249	230	102	–	30
31	–	116	–	97	263	–	142	–	177	93	–	31
Total	789	2,497	7,023	4,350	16,908	7,263	11,196	11,968	4,880	10,101	1,490	1,025
Mean	26.3	80.5	234	140	545	242	361	399	157	326	53.2	33.1
Max.	49	504	698	272	1,176	990	935	972	429	711	88	45
Min.	18	22	50	62	79	84	142	133	81	93	42	27
Runoff – mcm.	68.170	215.741	606.787	375.840	1,460.851	627.523	967.248	1,034.035	421.632	872.726	128.736	88.560

WATER YEAR 1974 : Max. 1,176 Min. 18 Mean 218 Annual Runoff 6,867.850 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.22, 74	17.00	7.19	1,184				

TAPI RIVER BASIN

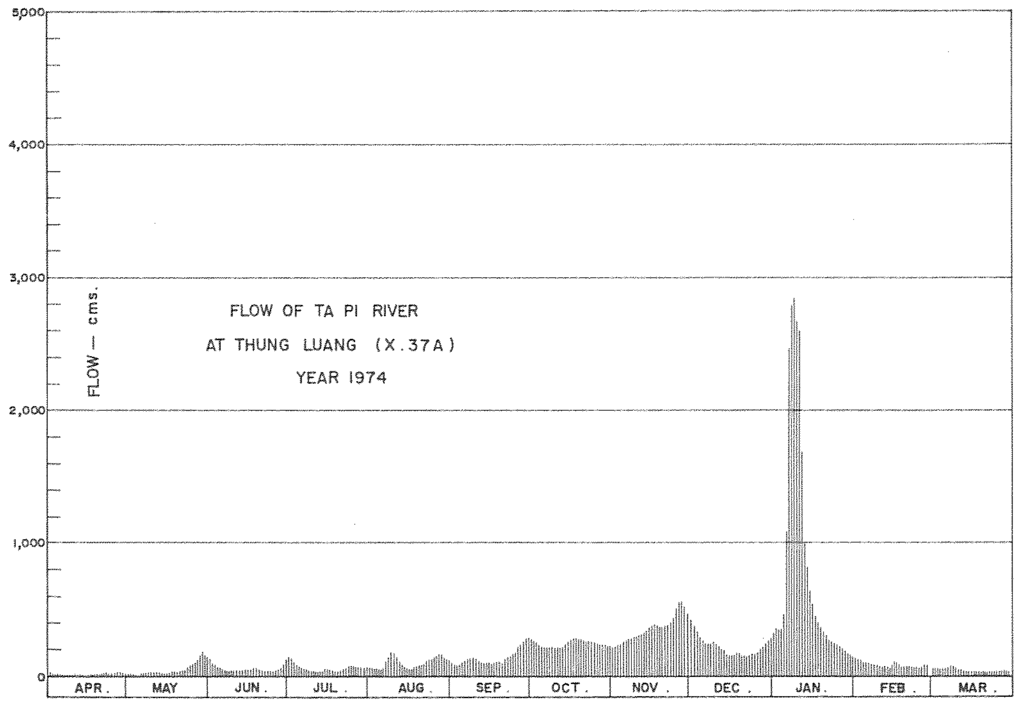
Ta Pi River at Thung Luang, Surat Thani (X.37A)

Location:	Lat. 8°-34'-03" N., Long. 99°-15'-15" E., on right bank about 500 meters downstream from Amphoe Wieng Sra at Thung Luang, Amphoe Wieng Sra, Surat Thani.
Drainage Area:	5,200 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 4.833 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	infront of the X37A station office.
Elevation:	+ 10.680 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1969 to date.
Rating Operation:	
Period of Rating:	1969 to date.
Rated by Float:	-
Rated by Current Meter:	1969 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 10.80 m. (M.S.L.) and is included.
General Description:	Records good. Stage-discharge relation defined by 118 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.82	5.75	7.98	8.49	6.85	7.62	10.10	9.53	10.70	10.35	8.34	6.86
2	.76	.70	.51	.19	.88	.37	.01	.58	.59	.48	.16	.78
3	.71	.66	.25	7.69	.95	.20	9.90	.75	.43	.50	.00	.77
4	.65	.66	6.96	.39	.83	.44	.78	.86	.26	.48	7.85	.77
5	.62	.74	.74	.14	.78	.79	.64	.94	.07	* .87	.74	.75
6	5.60	5.81	6.56	6.91	7.01	7.98	9.54	10.02	9.87	*12.20	7.63	6.75
7	.58	.96	.38	.75	.74	8.08	.49	.08	.84	13.84	.53	.92
8	.59	.95	.36	.60	8.51	.23	.51	.12	.90	*14.14	.44	7.29
9	.66	.95	.44	.44	.97	.32	.46	.17	.92	.20	.34	6.96
10	.67	6.06	.46	.36	.81	.13	.44	.22	.83	.07	.31	.74
11	5.62	6.04	6.40	6.35	8.32	7.84	9.43	10.28	9.62	13.97	7.28	6.61
12	.58	.03	.37	.41	7.84	.63	.41	.34	.34	* .00	.12	.51
13	.55	.01	.38	.41	.46	.56	.54	.41	.04	12.04	.08	.45
14	.54	5.96	.42	.54	.13	.62	.81	.48	8.80	11.73	.05	.38
15	.55	.98	.46	.84	6.87	.57	10.00	.57	.69	.38	.21	.34
16	5.58	5.92	6.59	6.66	6.80	7.48	10.12	10.62	8.67	11.09	7.84	6.30
17	.56	6.12	.75	.53	.87	.56	.18	.63	.78	10.86	.71	.27
18	.63	.29	.94	.44	7.05	.78	.16	.60	.89	.69	.35	.25
19	.69	.18	.79	.37	.33	.83	.12	.55	.89	.55	.13	.25
20	.74	.22	.56	.41	.30	.66	.09	.55	.72	.41	.10	.29
21	5.87	6.35	6.42	6.50	7.48	8.10	10.04	10.58	8.57	10.27	7.21	6.26
22	6.03	.40	.41	.57	.79	.39	9.98	.63	.48	.13	.19	.28
23	5.92	.62	.44	.81	.95	.52	10.02	.69	.62	9.99	.10	.28
24	.85	7.21	.37	7.19	8.23	.63	9.99	.81	.86	.90	6.96	.22
25	.85	.45	.36	.38	.40	9.04	.91	.99	.87	.75	.87	.18
26	6.04	7.57	6.49	7.18	8.55	9.53	9.84	11.13	8.93	9.55	7.02	6.17
27	.18	.91	.65	.09	.76	.82	.73	.16	9.37	.32	.44	.31
28	.09	8.66	.68	6.99	.62	10.01	.74	.10	.66	.06	.37	.38
29	5.94	.87	7.24	.93	.30	.13	.73	10.99	.82	8.81	-	.30
30	.83	.71	8.16	7.01	.02	.16	.66	.86	.99	.63	-	.17
31	-	.39	-	.01	7.84	-	.63	-	10.19	.51	-	.10
Mean	5.71	6.55	6.71	6.88	7.68	8.23	9.81	10.53	9.42	11.41	7.42	6.48
Max.	6.18	8.87	8.16	8.49	8.97	10.16	10.18	11.16	10.70	14.20	8.34	7.29
Min.	5.54	5.66	6.36	6.35	6.78	7.20	9.41	9.53	8.48	8.51	6.87	6.10

WATER YEAR 1974 : Max. 14.20 m. Min. 5.54 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	22	20	125	155	65	106	285	226	412	328	146	66
2	20	18	100	137	67	92	272	229	382	356	136	62
3	18	17	85	109	70	83	259	243	345	360	126	61
4	16	17	71	93	64	96	246	255	312	356	118	61
5	16	19	60	80	62	115	233	264	281	466	112	60
6	15	22	51	68	73	125	226	274	256	1,080	106	60
7	14	27	43	60	112	131	223	282	252	2,454	101	69
8	15	27	42	53	157	140	224	288	259	2,784	96	87
9	17	27	46	46	186	145	221	295	261	2,850	90	71
10	17	31	47	42	175	134	219	304	251	2,707	88	60
11	16	30	44	42	142	118	219	314	232	2,597	87	53
12	14	30	43	44	118	106	217	326	212	1,630	79	49
13	14	29	43	44	97	102	226	340	191	992	77	46
14	13	27	45	50	79	106	249	356	174	825	75	43
15	14	28	47	65	66	103	271	377	167	667	83	42
16	14	26	52	56	63	98	288	390	166	541	118	40
17	14	33	60	50	66	102	297	393	173	463	110	39
18	16	40	70	46	75	114	294	385	181	409	91	38
19	18	35	62	43	90	117	288	372	181	372	79	38
20	19	37	51	44	88	108	284	372	169	340	78	40
21	24	42	45	48	98	132	277	380	160	313	83	38
22	30	44	44	52	115	149	269	393	155	289	82	39
23	26	54	46	63	124	157	274	409	163	270	78	39
24	23	83	43	82	140	164	270	446	179	259	71	37
25	23	96	42	92	150	191	260	507	179	243	66	35
26	30	103	48	82	159	226	252	557	184	227	74	35
27	35	121	55	77	172	250	241	569	214	211	96	40
28	32	166	57	72	163	272	242	545	235	193	92	43
29	26	179	85	69	144	289	241	507	250	175	–	40
30	22	169	136	73	128	294	235	463	270	164	–	35
31	–	149	–	73	118	–	233	–	298	157	–	32
Total	593	1,746	1,787	2,110	3,426	4,365	7,835	11,061	7,144	25,078	2,638	1,498
Mean	19.7	56.3	59.5	68.0	110	145	253	369	230	808	94.2	48.3
Max.	35	179	136	155	186	294	297	569	412	2,850	146	87
Min.	13	17	42	42	62	83	217	226	155	157	66	32
Runoff - mcm.	51.235	150.854	154.396	182.304	296.006	377.136	676.944	955.670	617.241	2,166.739	227.923	129.427

WATER YEAR 1974 : Max. 2,850 Min. 13 Mean 190 Annual Runoff 5,985.878 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.9.	24.00	14.20	2,850				

PHUM DUANG RIVER BASIN

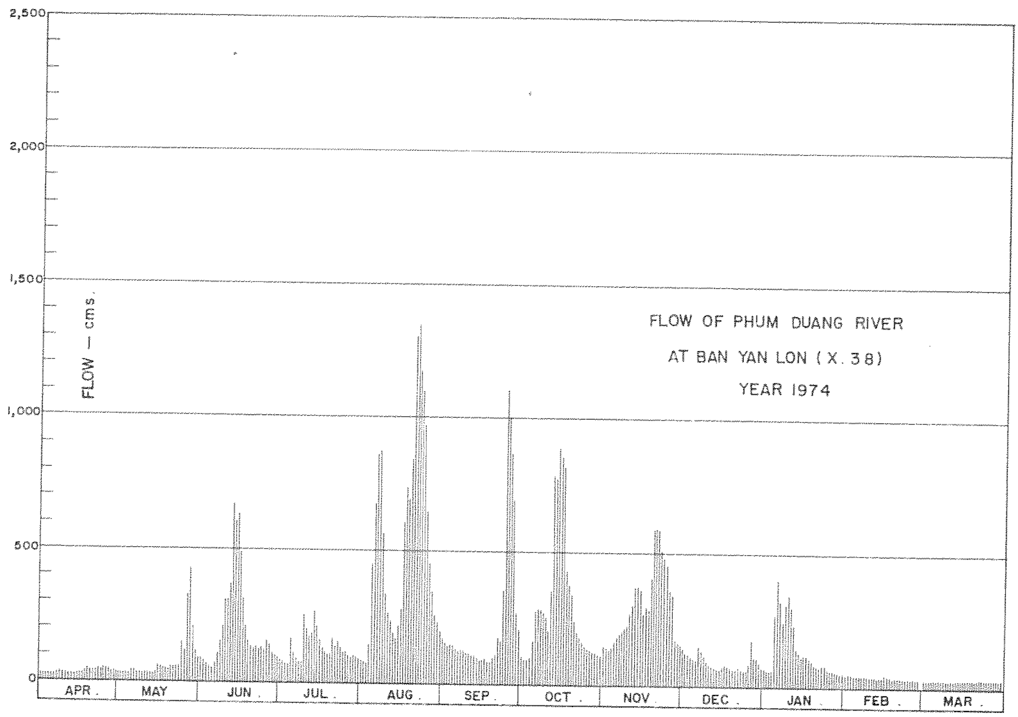
Phum Duang River at Ban Yan Lon, Surat Thani (X.38)

Location:	Lat. 8^0–53'–51" N., Long. 98^0–52'–32" E., on right bank at Ban Yan Lon about 2 kilometer downstream from confluence of Khlong Phra Saeng with Khlong Sok, King Amphoe Ban Takhun, Surat Thani.
Drainage Area:	2,690 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 3.700 m. (M.S.L.)
Bench Mark:	B.M. – H.S.
Location:	near the station camp.
Elevation:	+ 16.732 m. (M.S.L.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1963–1975.
Rating Operation:	
Period of Rating:	1964–1969, 1972–1975.
Rated by Float:	–
Rated by Current Meter:	1964–1969, 1972–1975.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage–discharge relation defined by 10 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.83	4.79	5.80	5.67	5.74	6.83	5.96	6.53	6.46	5.53	5.20	4.85
2	.76	.77	.66	.63	.67	.67	.87	.45	.30	.44	.20	.85
3	.72	.78	.49	.55	.55	.46	.81	.35	.20	.37	.17	.84
4	.71	.81	.37	.50	6.63	.61	.94	.44	.09	.47	.15	.84
5	.67	.84	.27	6.81	9.15	.51	6.89	.79	.00	7.85	.12	.83
6	4.66	5.07	5.43	6.16	10.53	6.34	7.86	6.92	5.92	8.88	5.13	4.83
7	.67	4.96	.69	5.87	11.53	.27	.94	7.06	6.63	.29	.11	.82
8	.89	.80	6.60	.68	.57	.34	.92	.21	.42	7.59	.09	.82
9	.87	.83	7.19	.63	9.90	.25	.84	.31	.12	8.22	.08	.80
10	.75	.83	8.16	7.69	8.34	.18	.63	.39	5.85	.44	.07	.80
11	4.71	4.82	8.15	7.16	7.77	6.15	7.18	7.81	5.72	8.06	5.06	4.82
12	.70	.83	.59	6.90	.50	.06	8.51	8.06	.63	7.45	.04	.82
13	.68	.80	10.53	7.06	.02	.09	11.16	.64	.55	6.52	.00	.84
14	.69	.81	.17	.79	6.74	5.88	.03	.64	.50	.37	.02	.84
15	.75	.90	.33	.26	7.30	.78	.66	.54	.47	.16	.06	.85
16	4.79	5.35	9.29	6.74	7.86	5.84	11.51	8.63	5.56	6.30	5.16	4.85
17	.75	.27	8.06	.37	10.16	.95	.31	.02	.70	.22	.08	.87
18	.80	.22	7.24	.15	.89	.74	9.04	7.94	.67	.07	.00	.87
19	5.17	.15	6.68	.03	.59	.66	8.63	8.86	.54	5.96	4.95	.90
20	.05	.08	.37	.06	11.37	.97	.38	10.03	.45	.76	.97	.90
21	5.02	5.39	6.28	6.81	13.42	6.15	7.36	10.08	5.49	5.66	4.92	4.92
22	.00	.29	.42	.34	.58	.85	.09	.06	.52	.59	.92	.92
23	.18	.46	.21	.70	12.87	.64	6.92	9.62	.45	.74	.90	.94
24	.06	.32	.32	.39	.44	8.53	.75	.42	.38	.62	.90	.94
25	.21	6.57	.19	.16	11.44	12.61	.54	.21	.35	.47	.89	.92
26	5.15	6.10	6.66	6.19	10.16	12.16	6.44	8.61	5.78	5.44	4.92	4.92
27	.09	8.32	.46	.02	9.22	11.47	.34	.40	6.85	.38	.91	.92
28	4.90	9.04	.17	5.92	8.43	10.55	.21	6.91	.17	.34	.91	.91
29	.94	7.02	5.96	.98	7.63	7.64	.26	.74	.07	.29	–	.91
30	.87	6.25	.82	.90	.46	.18	.14	.64	5.83	.24	–	.90
31	–	5.80	–	.81	.11	–	.07	–	.57	.21	–	.90
Mean	4.87	5.46	6.95	6.32	9.21	7.11	7.75	7.98	5.85	6.32	5.03	4.87
Max.	5.21	9.04	10.53	7.79	13.58	12.61	11.66	10.08	6.85	8.88	5.20	4.94
Min.	4.66	4.77	5.27	5.50	5.55	5.66	5.81	6.35	5.35	5.21	4.89	4.80

WATER YEAR 1974 : Max. 13.58 m. Min. 4.66 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	33	32	92	83	88	173	103	147	142	73	53	34
2	30	31	82	80	83	159	97	141	129	67	53	34
3	29	31	70	74	74	142	93	133	121	63	51	34
4	28	32	63	71	155	154	102	140	112	69	50	34
5	27	34	57	171	443	146	178	169	106	277	48	33
6	26	45	67	118	671	132	278	181	100	404	49	33
7	27	40	84	97	863	127	287	194	155	328	48	33
8	36	32	153	84	872	132	285	209	139	249	46	33
9	35	33	207	80	560	125	276	219	115	319	46	32
10	30	33	312	260	334	119	253	227	95	346	45	32
11	28	34	311	204	269	117	206	273	86	301	45	33
12	28	33	366	179	239	110	355	301	80	233	44	33
13	27	32	671	194	190	112	788	372	74	147	42	34
14	28	32	607	271	165	98	764	372	71	135	43	34
15	30	37	635	214	218	91	891	359	69	118	45	34
16	32	62	464	165	279	95	859	271	75	129	51	34
17	30	57	301	135	605	102	818	296	85	123	46	35
18	32	54	212	117	737	88	427	287	83	111	42	35
19	51	50	159	108	682	82	371	401	74	103	39	37
20	44	46	135	110	830	104	339	582	68	89	40	37
21	43	64	127	171	1,301	117	224	591	70	82	38	38
22	42	58	139	132	1,343	174	197	587	72	77	38	38
23	52	69	122	161	1,167	156	181	515	68	88	37	39
24	45	60	131	136	1,065	358	165	484	64	79	37	39
25	54	151	120	118	844	1,104	148	452	62	69	36	38
26	50	113	158	120	605	1,001	140	368	91	67	38	38
27	46	331	142	107	454	851	132	341	174	64	37	38
28	37	427	119	100	345	675	122	180	119	61	37	37
29	39	190	103	105	253	254	126	165	111	58	–	37
30	35	125	93	99	235	206	116	156	94	55	–	37
31	–	92	–	93	199	–	111	–	76	54	–	37
Total	1,074	2,460	6,302	4,157	16,168	7,304	9,432	9,113	2,980	4,438	1,224	1,094
Mean	35.8	79.3	210	134	521	243	304	304	96.1	143	43.7	35.3
Max.	54	427	671	271	1,343	1,104	891	591	174	404	53	39
Min.	26	31	57	71	74	82	93	133	62	54	36	32
Runoff – mcm.	92.794	212.544	544.493	359.165	1,396.915	631.066	814.925	787.363	257.472	383.443	105.754	94.522

WATER YEAR 1974 : Max. 1,343 Min. 26 Mean 180 Annual Runoff 5,680.454 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21,	21.00	13.69	1,371				

PHUM DUANG RIVER BASIN

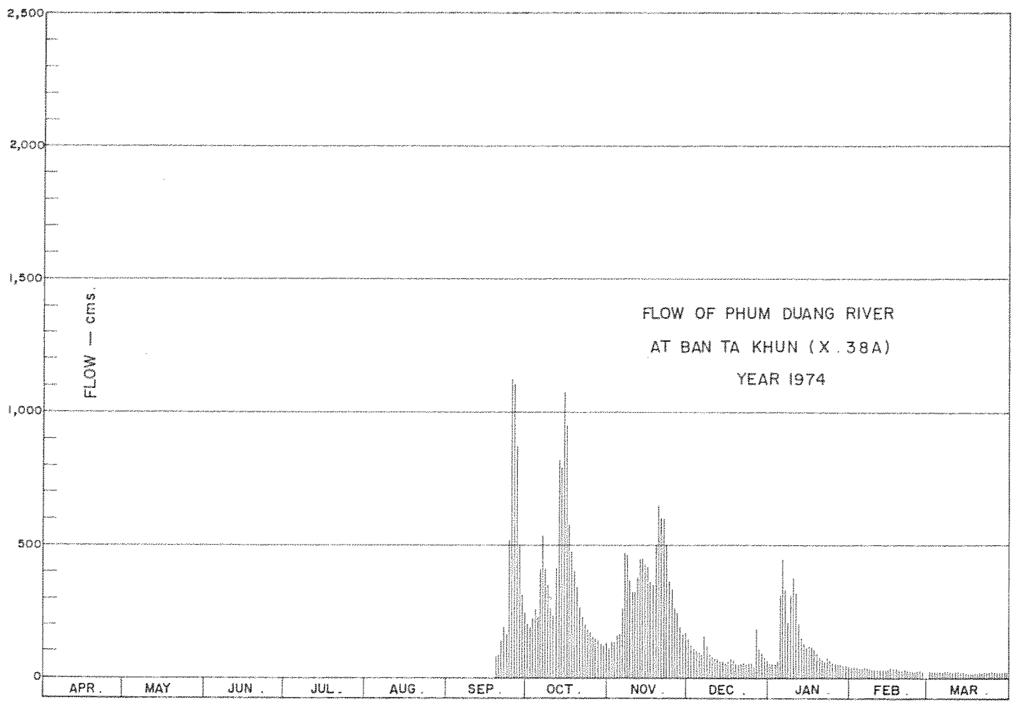
Phum Duang River at Ban Ta Khun, Surat Thani (X.38A)

Location:	Lat. 8°-54'-56" N., Long. 98°-53'-30" E., on right bank at Ban Ta Khun, Amphoe Muang, Surat Thani.
Drainage Area:	2,706 Sq.km.
Type of Gage:	water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the automatic gage site.
Elevation:	+ 20.697 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1974 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 29 discharge measurements made in 1974.
Remarks:	Stream gaging began on September 19, 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1							6.73	5.86	6.20	5.27	5.03	4.77
2							.61	6.14	.00	.22	.03	.72
3							.86	.12	5.89	.18	.00	.71
4							7.21	.36	.79	.31	4.98	.71
5							6.92	.36	.73	7.53	.96	.71
6							8.52	7.19	5.65	8.54	4.96	4.71
7							9.20	8.79	6.33	7.73	.93	.79
8							8.26	.72	6.00	6.67	.92	.78
9							7.60	.01	5.69	7.58	.91	.72
10							7.17	7.69	.55	8.14	.90	.67
11							6.95	7.85	5.49	7.73	4.88	4.65
12							8.26	8.06	.42	6.79	.85	.55
13							10.94	.58	.35	.27	.84	.64
14							.78	.62	.30	.09	.85	.63
15							12.12	.45	.26	5.90	.88	.63
16							11.39	8.30	5.34	6.09	4.98	4.62
17							9.45	.00	.44	5.94	.94	.60
18							8.71	7.91	.36	.87	.88	.60
19						5.51	.35	8.88	.23	.68	.86	.62
20						.58	7.78	9.94	.19	.50	.90	.61
21						5.59	7.27	9.64	5.23	5.42	4.84	4.61
22						6.60	6.94	.65	.29	.35	.83	.66
23						.38	.71	8.82	.23	.51	.79	.71
24						9.05	.52	7.95	.17	.40	.77	.72
25						12.30	.47	.77	.13	.28	.76	.79
26						12.24	6.30	7.20	5.67	5.23	4.82	4.76
27						10.07	.24	.07	6.57	.18	.82	.69
28						8.39	.13	6.60	5.89	.13	.81	.66
29						7.58	.06	6.39	.77	.10	-	.67
30						.34	5.96	.41	.53	.08	-	.69
31						-	6.06	-	.33	.05	-	.62
Mean							7.76	7.78	5.58	6.02	4.89	4.68
Max.							12.12	9.94	6.57	8.54	5.03	4.79
Min.							5.96	5.86	5.13	5.05	4.76	4.60

WATER YEAR 1974 : Max. 12.12 m. Min. 4.60 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1							208	112	148	63	45	30
2							194	141	127	59	45	27
3							224	139	115	56	43	27
4							266	165	106	66	42	27
5							231	165	101	306	41	27
6							440	264	94	443	41	27
7							536	478	162	332	39	31
8							404	468	127	201	39	30
9							315	369	97	312	38	27
10							261	326	85	387	37	25
11							235	347	80	332	36	24
12							404	376	75	216	34	24
13							818	449	69	156	34	23
14							789	454	65	136	34	23
15							1,073	431	62	116	36	23
16							906	410	68	128	42	22
17							573	368	76	121	40	21
18							467	355	70	113	36	21
19						82	417	491	60	96	35	22
20						88	338	648	57	81	37	22
21						126	273	601	60	75	34	22
22						193	234	603	64	69	33	24
23						168	206	482	60	82	31	27
24						515	183	361	55	73	30	27
25						1,120	178	337	52	64	29	31
26						1,104	159	265	95	60	33	29
27						669	152	249	189	56	33	26
28						422	140	193	115	52	32	25
29						312	133	169	104	50	–	25
30						246	123	171	84	49	–	26
31						–	133	–	68	47	–	22
Total							11,013	10,387	2,790	4,397	1,029	787
Mean							355	346	90.0	142	36.7	25.4
Max.							1,073	648	189	443	45	31
Min.							123	112	52	47	29	21
Runoff - mcm.							951.523	897.437	241.056	379.901	88.906	67.997

WATER YEAR 1974 : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Sept. 25,	18.00	9.04	1,190				

PHUM DUANG RIVER BASIN

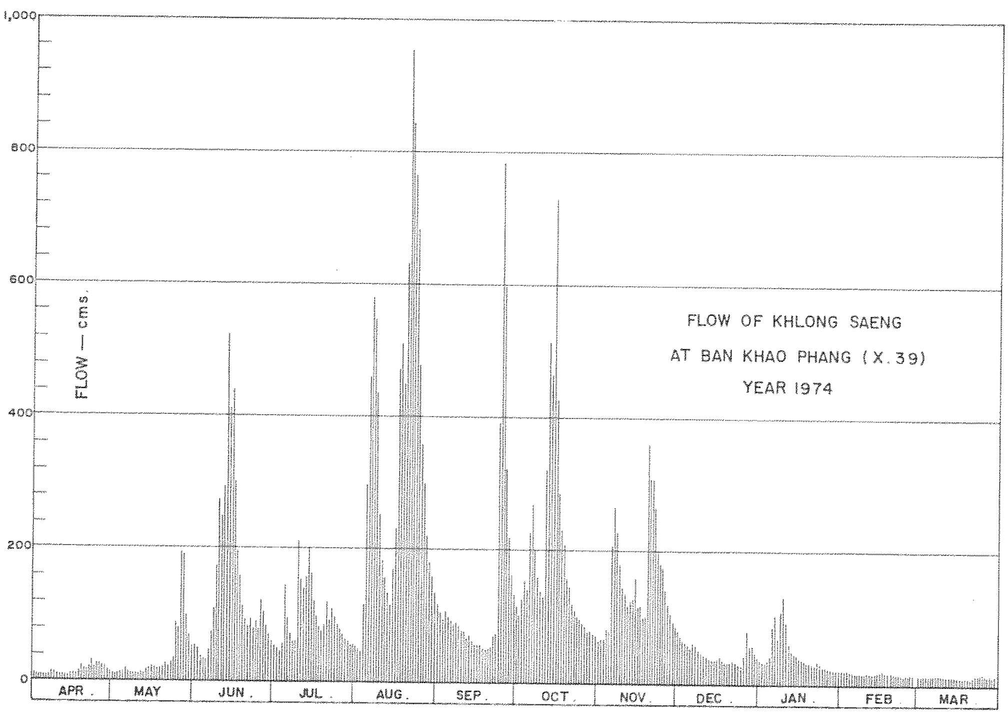
Khlong Saeng at Ban Khao Phang, Surat Thani (X.39)

Location:	Lat. 8^0-57'-07" N., Long. 98^0-48'-53" E., on left bank at Ban Khao Phang, Amphoe Kiri Ratthanikhom, Surat Thani.
Drainage Area:	1,437 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 8.550 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	about 10 meters above measuring line.
Elevation:	+ 21.675 m. (M.S.L.)
Gage Reading Frequency:	13-time daily readings at 06.00-18.00 hours on November - December. Recording from April - October, January - March.
Basis of Mean Daily Gage Height:	Arithmetic mean of 13, 24 hourly readings.
Period of Available Gage Records:	1964 to date.
Rating Operation:	
Period of Rating:	1969 to date.
Rated by Float:	-
Rated by Current Meter:	1969 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 163 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	9.27	9.28	10.13	10.14	10.11	11.00	10.97	10.29	10.53	9.82	9.54	9.36
2	.23	.26	.08	.07	.04	10.85	.81	.36	.41	.78	.53	.34
3	.21	.27	9.87	9.98	9.98	.73	11.14	.35	.33	.74	.52	.33
4	.20	.29	.77	10.16	10.96	.87	.44	.53	.26	.84	.50	.35
5	.19	.29	.71	11.37	12.81	.77	.28	.50	.20	10.43	.49	.34
6	9.18	9.42	9.98	10.70	14.09	10.67	12.21	11.44	10.16	10.82	9.48	9.34
7	.21	.30	10.25	.41	.94	.63	.58	12.45	.29	.62	.47	.37
8	.37	.28	.89	.23	.60	.65	11.87	.19	.16	.33	.46	.37
9	.31	.28	11.53	.27	12.99	.59	.52	11.71	.06	.79	.45	.35
10	.23	.27	12.60	12.01	.12	.48	.28	.36	.00	11.17	.44	.33
11	9.22	9.27	12.36	11.43	11.73	10.47	11.14	11.19	9.96	10.69	9.43	9.31
12	.21	.30	.72	.27	.49	.33	13.01	10.97	.91	.31	.43	.31
13	.19	.28	14.55	.44	.15	.42	14.48	11.11	.88	.13	.42	.30
14	.18	.37	13.73	.94	10.98	.25	.12	.12	.84	.04	.43	.29
15	.24	.44	.94	.48	11.60	.21	15.90	.50	.84	9.98	.45	.29
16	9.27	9.54	12.69	11.04	12.22	10.14	13.88	10.98	9.89	9.91	9.50	9.29
17	.25	.49	11.87	10.76	14.18	.20	12.74	11.01	.94	.87	.51	.28
18	.31	.44	.32	.56	.46	.10	.20	10.78	.82	.83	.44	.28
19	.52	.45	10.93	.44	.01	.05	.06	.83	.77	.78	.48	.28
20	.46	.47	.71	.60	15.28	.06	11.57	13.35	.74	.74	.46	.27
21	9.43	9.62	10.57	11.02	17.10	10.09	11.28	12.92	9.76	9.71	9.42	9.28
22	.39	.54	.71	10.68	16.53	.37	.05	.89	.83	.71	.42	.36
23	.66	.61	.50	.93	15.81	.43	10.92	.18	.76	.82	.38	.41
24	.50	.70	.65	.72	.44	14.33	.77	11.73	.71	.71	.37	.35
25	.63	10.62	.55	.59	14.23	16.21	.74	.67	.68	.65	.36	.46
26	9.62	10.49	11.06	10.52	13.31	14.91	10.65	11.25	9.95	9.61	9.40	9.39
27	.56	11.85	10.83	.38	12.71	12.97	.59	.03	10.54	.59	.41	.32
28	.52	.82	.59	.28	.12	.08	.49	10.86	.17	.58	.40	.33
29	.41	10.77	.41	.23	11.72	11.56	.52	.71	.23	.56	-	.33
30	.33	.31	.23	.13	.52	.20	.43	.61	.02	.55	-	.34
31	-	.08	-	.18	.22	-	.40	-	9.90	.54	-	.29
Mean	9.34	9.72	11.19	10.71	12.95	11.12	11.74	11.33	10.02	9.99	9.45	9.33
Max.	9.66	11.85	14.55	12.01	17.10	16.21	15.90	13.35	10.54	11.17	9.54	9.46
Min.	9.18	9.26	9.71	9.98	9.98	10.05	10.40	10.29	9.68	9.54	9.36	9.27

WATER YEAR 1974 : Max. 17.10 m. Min. 9.18 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	13	13	56	56	55	119	117	65	82	38	24	16
2	11	12	53	52	50	107	104	70	74	36	23	16
3	10	13	40	47	47	97	130	69	68	34	23	15
4	10	14	35	58	116	109	155	82	64	39	22	16
5	9.70	14	32	149	298	101	141	80	60	45	22	16
6	9.40	19	47	95	460	93	232	155	58	105	21	16
7	10	14	63	74	581	89	273	258	65	89	21	17
8	17	13	110	62	531	91	197	230	58	68	20	17
9	14	13	163	64	319	86	162	181	52	102	20	16
10	11	13	275	211	222	79	141	148	48	133	20	15
11	11	13	249	154	183	78	130	134	46	94	19	14
12	10	14	288	141	159	68	321	117	43	67	19	14
13	9.70	13	524	155	131	74	514	128	41	56	19	14
14	9.40	17	411	204	117	63	464	129	39	50	19	14
15	12	20	439	158	170	61	729	150	39	47	20	14
16	13	24	285	122	233	56	430	117	41	43	22	14
17	12	22	197	100	472	60	290	120	44	40	22	13
18	14	20	145	84	511	54	231	101	38	38	20	13
19	23	20	113	76	448	51	216	105	35	36	19	13
20	20	21	96	87	632	52	167	362	34	34	20	13
21	19	28	85	121	953	53	141	310	35	32	19	13
22	18	24	96	93	841	71	123	307	38	32	19	16
23	30	27	80	113	715	75	113	229	35	38	17	18
24	22	32	91	97	656	493	101	183	32	32	17	16
25	28	89	83	86	479	784	98	177	31	29	16	20
26	28	79	124	81	357	576	91	139	45	27	18	18
27	25	195	105	72	287	316	86	121	83	26	18	15
28	23	192	86	65	222	218	79	108	58	26	18	15
29	18	101	74	62	182	166	81	96	62	25	–	15
30	15	67	62	56	162	135	75	88	49	24	–	16
31	–	53	–	59	137	–	73	–	42	24	–	14
Total	475.20	1,209	4,507	3,054	10,726	4,475	6,205	4,569	1,539	1,509	557	472
Mean	15.8	39.0	150	98.5	346	149	200	152	49.6	48.7	19.9	15.2
Max.	30	195	524	211	953	784	729	362	83	133	24	20
Min.	9.40	12	32	47	47	51	73	65	31	24	16	13
Runoff - mcm.	41.057	104.458	389.405	263.866	926.726	386.640	536.112	394.762	132.970	130.378	48.125	40.781

WATER YEAR 1974 : Max. 953 Min. 9.40 Mean 107.7 Annual Runoff 3,395.278 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21.	12.00	17.34	1,003				

PHUM DUANG RIVER BASIN

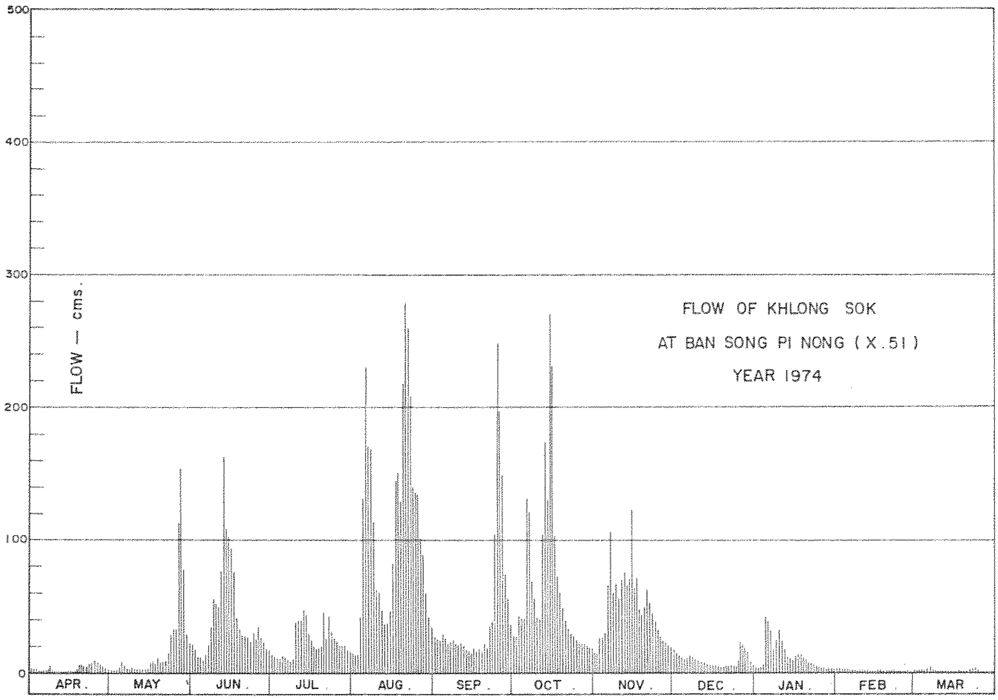
Khlong Sok at Ban Song Pi Nong, Surat Thani (X.51)

Location:	Lat. 8°-50'-39" N., Long. 98°-44'-39" E., on left bank at Ban Song Pi Nong, Amphoe Phanom, Surat Thani.
Drainage Area:	431 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	BM1 on left bank near the staff gage, BM2 on left bank under the ceiba tree.
Elevation:	BM1 = + 9.199 m. (A.D.), BM2 = + 9.516 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:	1972 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 12 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.33	0.23	1.09	0.86	0.89	1.38	1.39	0.95	0.98	0.48	0.38	0.23
2	.26	.21	0.92	.82	.86	.28	.30	.91	.89	.47	.37	.22
3	.22	.20	.80	.77	.85	.19	.80	1.30	.85	.43	.36	.20
4	.16	.20	.73	.74	2.34	.41	.73	.33	.80	.60	.35	.33
5	.12	.65	.67	.86	4.09	.27	.71	.45	.79	1.77	.34	.21
6	0.12	0.54	0.87	0.84	5.15	1.15	3.56	2.33	0.75	1.65	0.33	0.20
7	.12	.44	1.00	.73	4.19	.16	.28	3.13	.94	.20	.33	.46
8	.48	.25	.42	.67	.18	.23	2.37	2.15	.83	0.89	.32	.25
9	.20	.32	2.09	.72	2.91	.13	.02	.35	.76	1.33	.31	.21
10	.13	.25	.00	1.62	.24	.08	1.78	.09	.73	.51	.30	.20
11	0.10	0.22	1.93	1.69	2.21	1.16	1.68	2.36	0.66	1.31	0.29	0.19
12	.08	.22	2.61	.68	1.95	.07	2.97	.52	.62	0.97	.28	.18
13	.07	.20	4.08	.89	.66	.00	4.28	.28	.60	.82	.27	.17
14	.11	.17	3.08	.81	.47	0.92	3.55	.43	.59	.78	.26	.17
15	.22	.17	.01	.46	.86	.93	5.69	3.42	.58	.70	.25	.16
16	0.16	0.60	2.84	1.27	2.59	1.08	3.43	2.23	0.57	0.87	0.33	0.16
17	.10	.66	.40	.11	3.67	0.93	2.66	.46	.56	.89	.31	.16
18	.11	.53	1.71	.01	.91	1.03	.36	1.88	.55	.90	.27	.27
19	.51	.78	.46	.04	.51	0.93	.18	.73	.55	.80	.27	.19
20	.51	.52	.33	.08	5.11	1.17	1.83	.92	.54	.68	.35	.17
21	0.41	0.67	1.33	1.87	5.81	1.03	1.68	2.27	0.55	0.62	0.29	0.16
22	.43	.68	.33	.28	.51	.53	.48	1.96	.54	.57	.27	.38
23	.57	.89	.13	.79	4.53	.68	.40	.73	.54	.56	.25	.27
24	.53	1.44	.46	.40	3.70	3.48	.31	.67	.50	.53	.24	.40
25	.69	.53	.25	.33	.64	5.41	.22	.48	.46	.49	.24	.26
26	0.65	1.42	1.56	1.21	3.22	3.99	1.20	1.31	1.23	0.46	0.26	0.22
27	.54	3.93	.30	.09	2.99	.66	.18	.23	.13	.45	.25	.18
28	.40	.06	.14	.09	.36	2.44	.17	.14	.03	.43	.23	.18
29	.38	1.85	.04	.11	1.98	.07	.09	.12	0.91	.42	-	.17
30	.28	.35	0.95	0.98	.75	1.58	.05	.03	.65	.40	-	.17
31	-	.16	-	.96	.55	-	.02	-	.52	.39	-	.23
Mean	0.30	0.82	1.62	1.19	2.99	1.64	2.11	1.87	0.72	0.79	0.29	0.22
Max.	0.69	3.93	4.08	1.89	5.81	5.41	5.69	3.42	1.23	1.77	0.38	0.46
Min.	0.07	0.17	0.67	0.67	0.85	0.92	1.02	0.91	0.46	0.39	0.23	0.16

WATER YEAR 1974 : Max. 5.81 m. Min. 0.07 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.45	2.30	21	14	15	29	30	16	17	5.70	4.20	2.30
2	2.60	2.10	16	13	14	26	27	15	15	5.55	4.05	2.20
3	2.20	2.00	12	12	14	24	44	27	14	4.95	3.90	2.00
4	1.60	2.00	11	11	67	30	41	28	12	8.00	3.75	3.45
5	1.20	9.00	9.40	14	162	26	41	32	12	43	3.60	2.10
6	1.20	6.80	14	13	231	22	131	67	11	39	3.45	2.00
7	1.20	5.10	18	11	168	23	115	107	16	24	3.45	5.40
8	5.70	2.50	31	9.40	168	25	69	59	13	15	3.30	2.50
9	2.00	3.30	56	10	95	22	53	68	11	28	3.15	2.10
10	1.30	2.50	52	38	63	20	43	56	11	34	3.00	2.00
11	1.00	2.20	49	40	61	23	40	68	9.20	27	2.90	1.90
12	0.80	2.20	80	40	50	20	98	76	8.40	17	2.80	1.80
13	0.70	2.00	162	48	39	18	174	65	8.00	13	2.70	1.70
14	1.10	1.70	104	44	32	16	130	71	7.80	12	2.60	1.70
15	2.20	1.70	100	32	46	16	269	123	7.60	10	2.50	1.60
16	1.60	8.00	92	26	79	20	124	62	7.40	14	3.45	1.60
17	1.00	9.20	70	21	137	16	83	73	7.20	15	3.15	1.60
18	1.10	6.60	41	18	152	19	68	47	7.00	15	2.70	2.70
19	6.20	12	32	19	128	16	60	41	7.00	12	2.70	1.90
20	6.20	6.40	28	20	228	23	45	49	6.80	9.60	3.75	1.70
21	4.65	9.40	28	47	278	19	40	64	7.00	8.40	2.90	1.60
22	4.95	9.60	28	26	256	34	33	50	6.80	7.40	2.70	4.20
23	7.40	15	22	44	189	40	30	41	6.80	7.20	2.50	2.70
24	6.60	31	32	30	139	126	27	39	6.00	6.60	2.40	4.50
25	9.80	34	25	28	135	249	25	33	5.40	5.85	2.40	2.60
26	9.00	31	36	24	112	156	24	27	25	5.40	2.60	2.20
27	6.80	153	27	21	99	137	23	25	22	5.25	2.50	1.80
28	4.50	103	22	21	68	72	23	22	19	4.95	2.30	1.80
29	4.20	46	19	21	51	55	21	22	15	4.80	–	1.70
30	2.80	28	16	17	42	36	19	19	9.00	4.50	–	1.70
31	–	23	–	17	35	–	19	–	6.40	4.35	–	2.30
Total	105.05	572.60	1,253.40	749.40	3,353	1,358	1,969	1,492	336.80	416.50	85.40	71.35
Mean	3.50	18.5	41.8	24.2	108	45.3	63.5	49.7	10.9	13.4	3.05	2.30
Max.	9.80	153	162	48	278	249	269	123	25	43	4.20	5.40
Min.	0.70	170	9.40	9.40	14	16	19	15	5.40	4.35	2.30	1.60
Runoff - mcm.	9.076	49.473	108.294	64.748	289.699	117.331	170.122	128.909	29.099	35.986	7.378	6.165

WATER YEAR 1974 : Max. 278 Min. 0.70 Mean 32.2 Annual Runoff 1,016.280 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21.	09.00	5.99	292				

PHUM DUANG RIVER BASIN

Huai Chong Lom at Ban Chong Lom, Surat Thani (X.57)

Location: Lat. 8°-53'-10" N., Long. 98°-41'-27" E., on left bank downstream side of the concrete bridge on Takuapa - Surat Thani highway, Amphoe Phanom, Surat Thani.

Drainage Area: 8 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: BM1 on left bank about 6 meters, BM2 on left bank about 13 meters from gage site.
Elevation: BM1 = + 3.183 m. (A.D.), BM2 = + 3.262 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: 1972 to date.

Rating Operation:

Period of Rating: 1972-1974.
Rated by Float: -
Rated by Current Meter: 1972-1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

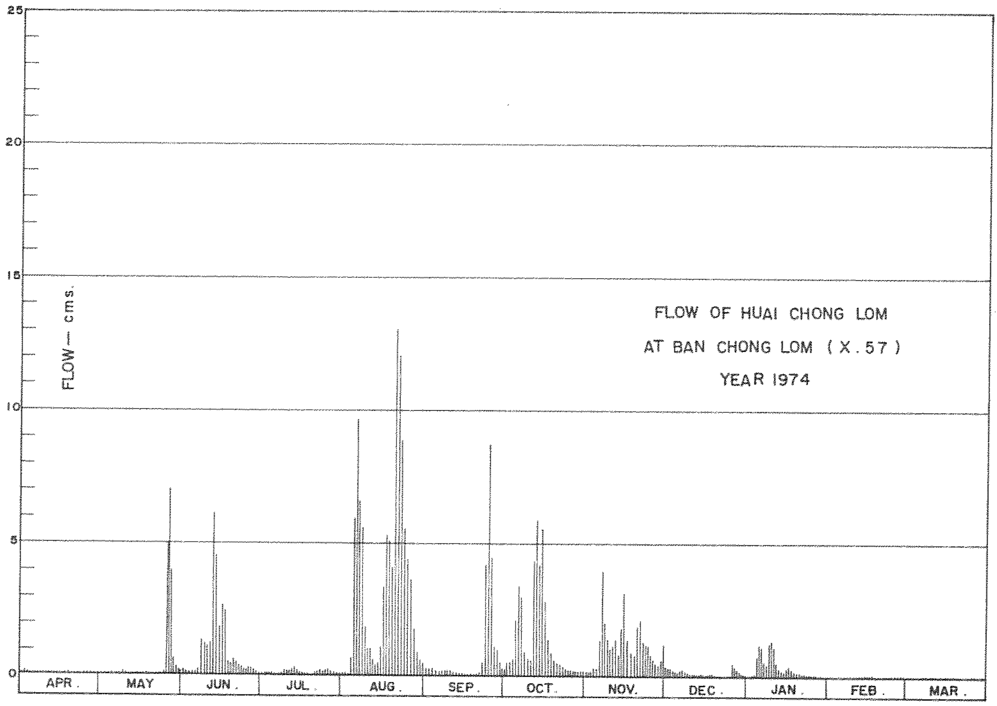
Overbank Flow Conditions: No overbank flow.

General Description: Records good. Stage-discharge relation defined by 13 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.17	0.21	0.48	0.41	0.36	0.62	0.52	0.44	0.66	0.37	0.29	0.20
2	.15	.19	.43	.38	.30	.58	.74	.47	.61	.35	.27	.18
3	.14	.18	.39	.36	.33	.59	.75	.43	.57	.32	.26	.19
4	.14	.18	.36	.35	.88	.62	.76	.58	.53	.53	.25	.24
5	.13	.21	.35	.33	2.59	.51	1.46	.57	.49	1.18	.24	.20
6	0.13	0.18	0.38	0.32	3.60	0.49	2.02	1.17	0.54	1.14	0.24	0.19
7	.17	.18	.58	.31	2.85	.47	1.87	2.22	.58	0.87	.24	.51
8	.18	.33	1.23	.39	2.67	.54	.06	1.53	.51	.70	.24	.29
9	.15	.42	.17	.44	1.51	.47	0.92	.28	.46	1.16	.23	.25
10	.15	.33	.15	.51	1.05	.45	.79	.01	.44	0.93	.23	.23
11	0.14	0.23	1.14	0.44	1.07	0.43	0.75	1.16	0.41	0.83	0.22	0.21
12	.13	.22	.67	.49	0.83	.40	2.14	.26	.40	.72	.22	.21
13	.13	.20	2.85	.60	.68	.39	.75	0.88	.38	.62	.21	.20
14	.14	.19	2.10	.50	.69	.36	.28	1.07	.36	.58	.21	.19
15	.15	.18	1.33	.47	1.07	.35	.65	.94	.35	.52	.21	.18
16	0.14	0.18	1.77	0.38	1.95	0.34	1.95	1.01	0.37	0.65	0.25	0.18
17	.13	.18	.72	.35	2.62	.32	.45	.25	.35	.55	.21	.18
18	.15	.18	0.79	.33	.56	.32	.12	0.89	.33	.52	.21	.21
19	.42	.18	.67	.33	.22	.31	0.98	.91	.38	.51	.36	.19
20	.32	.18	.77	.32	3.69	.33	.78	1.46	.30	.45	.28	.18
21	0.21	0.24	0.74	0.42	4.30	0.39	0.70	1.56	0.33	0.42	0.24	0.22
22	.25	.22	.72	.41	3.85	.36	.65	.27	.32	.40	.22	.23
23	.22	.20	.63	.51	.02	.79	.59	.17	.30	.40	.21	.18
24	.30	.41	.61	.36	2.64	2.63	.55	.15	.28	.37	.22	.19
25	.31	.49	.55	.50	.46	3.44	.53	0.97	.33	.36	.22	.20
26	0.33	0.53	0.60	0.53	2.06	2.38	0.55	0.85	0.74	0.35	0.21	0.21
27	.29	3.05	.60	.43	1.67	1.13	.49	.77	.64	.33	.20	.20
28	.26	1.55	.52	.43	.24	1.04	.49	.71	.51	.31	.20	.19
29	.23	0.80	.46	.39	0.97	0.65	.48	.63	.49	.31	-	.18
30	.22	.61	.44	.36	.86	0.58	.48	.88	.42	.29	-	.18
31	-	.50	-	.34	.69	-	.46	-	.33	.29	-	.18
Mean	0.19	0.41	0.86	0.41	1.84	0.74	1.08	1.05	0.44	0.56	0.23	0.21
Max.	0.42	3.05	2.85	0.60	4.30	3.44	2.75	2.22	0.74	1.18	0.36	0.51
Min.	0.13	0.18	0.35	0.39	0.30	0.31	0.46	0.43	0.28	0.29	0.20	0.18

WATER YEAR 1974 : Max. 4.30 m. Min. 0.13 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.024	0.035	0.20	0.15	0.12	0.34	0.24	0.17	0.39	0.12	0.075	0.030
2	0.020	0.028	0.16	0.13	0.080	0.30	0.50	0.20	0.33	0.11	0.065	0.026
3	0.018	0.026	0.13	0.12	0.098	0.31	0.51	0.16	0.29	0.092	0.060	0.028
4	0.018	0.026	0.12	0.11	0.71	0.34	0.52	0.30	0.25	0.25	0.055	0.050
5	0.016	0.035	0.11	0.098	5.27	0.23	1.86	0.29	0.21	1.24	0.050	0.030
6	0.016	0.026	0.13	0.092	9.60	0.21	3.38	1.22	0.26	1.16	0.050	0.028
7	0.024	0.026	0.30	0.086	6.26	0.20	2.94	4.00	0.30	0.69	0.050	0.23
8	0.026	0.098	1.34	0.075	5.57	0.26	1.01	2.04	0.23	0.64	0.050	0.075
9	0.020	0.160	1.22	0.17	1.99	0.20	0.77	1.44	0.19	1.20	0.045	0.055
10	0.020	0.098	1.18	0.23	0.99	0.18	0.57	0.92	0.17	0.79	0.045	0.045
11	0.018	0.045	1.16	0.17	1.03	0.16	0.51	1.20	0.15	0.63	0.040	0.035
12	0.016	0.040	2.40	0.21	0.63	0.14	3.75	1.40	0.14	0.47	0.040	0.035
13	0.016	0.030	6.22	0.32	0.42	0.13	5.86	0.71	0.13	0.34	0.035	0.030
14	0.018	0.028	3.62	0.22	0.43	0.12	4.20	1.03	0.12	0.30	0.035	0.028
15	0.020	0.026	1.55	0.20	1.03	0.11	5.50	3.14	0.11	0.24	0.035	0.026
16	0.018	0.026	2.66	0.13	3.17	0.10	3.17	0.92	0.12	0.38	0.055	0.026
17	0.016	0.026	2.53	0.11	5.39	0.092	1.83	1.38	0.11	0.27	0.035	0.026
18	0.020	0.026	0.57	0.098	5.18	0.092	1.12	0.72	0.098	0.24	0.035	0.035
19	0.160	0.026	0.40	0.098	4.00	0.086	0.87	0.76	0.098	0.23	0.12	0.028
20	0.092	0.026	0.54	0.092	10.07	0.098	0.55	1.86	0.080	0.18	0.070	0.026
21	0.035	0.050	0.50	0.16	13	0.13	0.44	2.12	0.098	0.16	0.050	0.040
22	0.055	0.040	0.47	0.15	11	0.12	0.38	1.42	0.092	0.14	0.040	0.045
23	0.040	0.030	0.36	0.23	6.90	0.57	0.31	1.22	0.080	0.14	0.035	0.026
24	0.080	0.150	0.33	0.12	5.46	5.43	0.27	1.18	0.070	0.12	0.040	0.028
25	0.086	0.121	0.27	0.22	4.82	8.75	0.25	0.85	0.098	0.12	0.040	0.030
26	0.098	0.25	0.32	0.25	3.50	4.53	0.27	0.66	0.50	0.11	0.035	0.035
27	0.075	7.03	0.32	0.16	2.40	1.14	0.21	0.54	0.37	0.098	0.030	0.030
28	0.060	2.09	0.24	0.16	1.36	0.97	0.21	0.45	0.23	0.087	0.030	0.028
29	0.045	0.58	0.19	0.13	0.85	0.38	0.20	0.36	0.21	0.087	–	0.026
30	0.040	0.33	0.17	0.12	0.68	0.30	0.20	0.71	0.16	0.075	–	0.026
31	–	0.22	–	0.10	0.43	–	0.19	–	0.098	0.075	–	0.026
Total	1.21	11.75	29.71	4.71	112.44	26.02	42.59	33.37	5.78	10.58	1.35	1.23
Mean	0.040	0.37	0.99	0.15	3.62	0.86	1.37	1.11	0.18	0.34	0.04	0.039
Max.	0.16	7.03	6.22	0.32	13	8.75	5.86	4.00	0.50	1.24	0.12	0.23
Min.	0.016	0.026	0.11	0.075	0.080	0.086	0.19	0.16	0.070	0.075	0.030	0.026
Runoff - mcm.	0.104	1.015	2.567	0.407	9.715	2.248	3.680	2.883	0.499	0.914	0.117	0.106

WATER YEAR 1974 : Max. 13 Min. 0.016 Mean 0.77 Annual Runoff 24.256 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21.	06.00	4.41	14				

PHUM DUANG RIVER BASIN

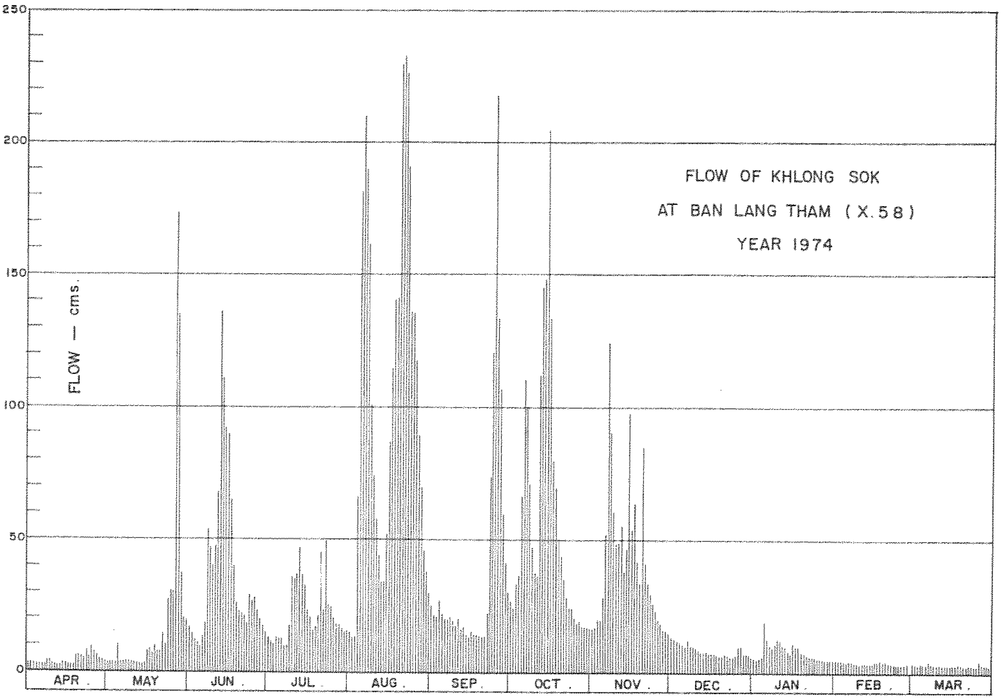
Khlong Sok at Ban Lang Tham, Surat Thani (X.58)

Location:	Lat. 8°-53'-05" N., Long. 98°-40'-06" E., on right bank about 10 meters downstream from the concrete bridge on Takuapa - Surat Thani highway, Amphoe Phanom, Surat Thani.
Drainage Area:	312 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	BM1 on right bank under Jack fruit tree, BM2 on right bank under Rose apple tree.
Elevation:	BM1 = 7.079 m. (A.D.), BM2 = + 6.942 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:	1972 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	-
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow exists but hardly to be determined, records are channel flow only.
General Description:	Records good. Stage-discharge relation defined by 16 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.34	0.34	0.97	0.82	0.83	1.23	1.30	0.92	0.82	0.46	0.40	0.31
2	.33	.34	.85	.77	.80	.11	.14	.97	.77	.45	.40	.30
3	.31	.33	.76	.73	.82	.08	.46	1.07	.75	.44	.39	.29
4	.27	.32	.71	.81	2.48	.30	.51	.00	.72	.49	.38	.32
5	.27	.74	.66	.80	3.99	.13	2.24	.31	.71	1.05	.38	.30
6	0.26	0.42	0.85	0.80	4.64	1.02	3.10	2.09	0.70	0.79	0.37	0.30
7	.30	.36	1.16	.69	.06	.02	2.84	3.33	.76	.69	.36	.35
8	.43	.39	2.00	.67	3.73	.09	.18	2.66	.70	.61	.36	.31
9	.35	.36	1.80	.96	2.65	.02	1.80	.12	.69	.71	.35	.30
10	.29	.36	.68	1.55	.03	0.95	.59	1.84	.59	.81	.35	.29
11	0.27	0.33	1.82	1.53	2.10	1.02	1.52	2.33	0.61	0.77	0.35	0.29
12	.26	.33	2.31	.60	1.74	0.94	3.45	.02	.59	.70	.34	.27
13	.25	.32	3.53	.77	.48	.96	.70	1.57	.59	.61	.34	.27
14	.35	.30	2.84	.62	.48	.83	.75	.77	.58	.59	.34	.27
15	.27	.33	.76	.34	.93	.79	4.58	2.86	.55	.46	.35	.26
16	0.29	0.59	2.72	1.12	2.67	0.87	2.99	1.97	0.57	0.72	0.39	0.26
17	.27	.64	1.96	.01	3.42	.84	.48	2.22	.55	.67	.37	.29
18	.30	.55	.54	0.93	.61	.84	.21	1.66	.52	.66	.34	.31
19	.50	.67	.29	.96	.60	.80	1.91	.46	.51	.59	.33	.28
20	.54	.59	.13	1.12	4.94	.81	.60	2.63	.50	.55	.37	.28
21	0.45	0.62	1.15	1.69	4.98	0.79	1.52	1.63	0.55	0.52	0.34	0.25
22	.49	.83	.12	.17	.86	1.08	.33	.47	.52	.49	.33	.26
23	.60	.71	0.99	.84	.09	.81	.19	.35	.50	.48	.31	.22
24	.48	1.30	1.34	.26	3.51	3.98	.19	.25	.48	.46	.31	.20
25	.66	.40	.29	.22	.50	4.77	.08	.15	.49	.44	.32	.26
26	0.56	1.38	1.33	1.09	3.02	3.49	1.01	1.04	0.69	0.44	0.33	0.38
27	.50	4.12	.17	0.99	2.73	2.36	.07	.00	.67	.43	.31	.26
28	.44	2.67	.08	1.01	.17	.04	.01	0.94	.57	.43	.30	.29
29	.42	1.58	0.95	0.95	1.79	1.66	0.97	.91	.55	.42		.28
30	.36	.17	.87	.91	.56	.41	.95	.83	.50	.41		.26
31		.04		.92	.37		.92		.47	.40		.33
Mean	0.38	0.82	1.49	1.12	2.79	1.43	1.92	1.64	0.60	0.57	0.35	0.28
Max.	0.66	4.12	3.53	1.84	4.98	4.77	4.58	3.33	0.82	1.05	0.40	0.38
Min.	0.25	0.30	0.66	0.67	0.80	0.80	0.92	0.83	0.47	0.40	0.30	0.20

WATER YEAR 1974 : Max. 4.98 m. Min. 0.20 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.60	3.60	17	13	14	25	27	16	13	5.40	4.50	3.15
2	3.45	3.60	14	12	13	21	22	17	12	5.25	4.50	3.00
3	3.15	3.45	12	11	13	20	33	20	12	5.10	4.35	2.90
4	2.70	3.30	11	13	76	27	35	18	11	5.85	4.20	3.30
5	2.70	11	9.50	13	165	22	64	28	11	19	4.20	3.00
6	2.60	4.80	14	13	208	19	110	58	10	13	4.05	3.00
7	3.00	3.90	23	10	169	19	96	124	12	10	3.90	3.75
8	4.95	4.35	54	9.75	148	21	62	86	10	8.25	3.90	3.15
9	3.75	3.90	46	17	85	19	46	59	10	11	3.75	3.00
10	2.90	3.90	41	36	55	17	38	48	7.80	13	3.75	2.90
11	2.70	3.45	47	35	58	19	35	69	8.25	12	3.75	2.90
12	2.60	3.45	68	38	44	16	131	55	7.80	10	3.60	2.70
13	2.50	3.30	136	45	34	17	146	37	7.80	8.25	3.60	2.70
14	3.75	3.00	96	39	34	14	149	45	7.60	7.80	3.60	2.70
15	2.70	3.45	91	29	51	13	204	97	7.00	5.40	3.75	2.60
16	2.90	7.80	89	22	86	15	104	53	7.40	11	4.35	2.60
17	2.70	9.00	52	18	129	14	76	63	7.00	9.75	4.05	2.90
18	3.00	7.00	36	16	141	14	63	40	6.40	9.50	3.60	3.15
19	6.00	9.75	27	17	140	13	50	33	6.20	7.80	3.45	2.80
20	6.80	7.80	22	22	229	13	38	84	6.00	7.00	4.05	2.80
21	5.25	8.50	22	42	232	13	35	39	7.00	6.40	3.60	2.50
22	5.85	14	22	23	224	20	28	33	6.40	5.85	3.45	2.60
23	8.00	11	18	48	171	46	24	29	6.00	5.70	3.15	2.20
24	5.70	27	29	26	135	164	24	26	5.70	5.40	3.15	2.00
25	9.50	31	27	25	134	217	20	22	5.85	5.10	3.30	2.60
26	7.20	30	28	21	106	133	18	19	10	5.10	3.45	4.20
27	6.00	173	23	18	90	70	20	18	9.75	4.95	3.15	2.60
28	5.10	86	20	18	61	56	18	16	7.40	4.95	3.00	2.90
29	4.80	37	17	17	46	40	17	16	7.00	4.80		2.80
30	3.90	20	15	16	37	31	17	14	6.00	4.65		2.60
31		19		16	30		16		5.55	4.50		3.45
Total	129.75	563.30	1,126.50	698.75	3,158	1,148	1,766	1,282	256.90	241.75	105.15	89.45
Mean	4.32	18.2	37.5	22.5	102	38.3	57.0	42.7	8.29	7.80	3.75	2.88
Max.	9.50	173	136	48	232	217	204	124	13	19	4.50	4.20
Min.	2.50	3.00	9.50	9.75	13	13	16	14	5.55	4.50	3.00	2.00
Runoff - mcm.	11.210	48.669	97.330	60.372	272.851	99.187	152.582	110.765	22.196	20.887	9.085	7.728

WATER YEAR 1974 : Max. 232 Min. 2.00 Mean 28.9 Annual Runoff 912,863 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug.20	18.00	5.40	264				

PHUM DUANG RIVER BASIN

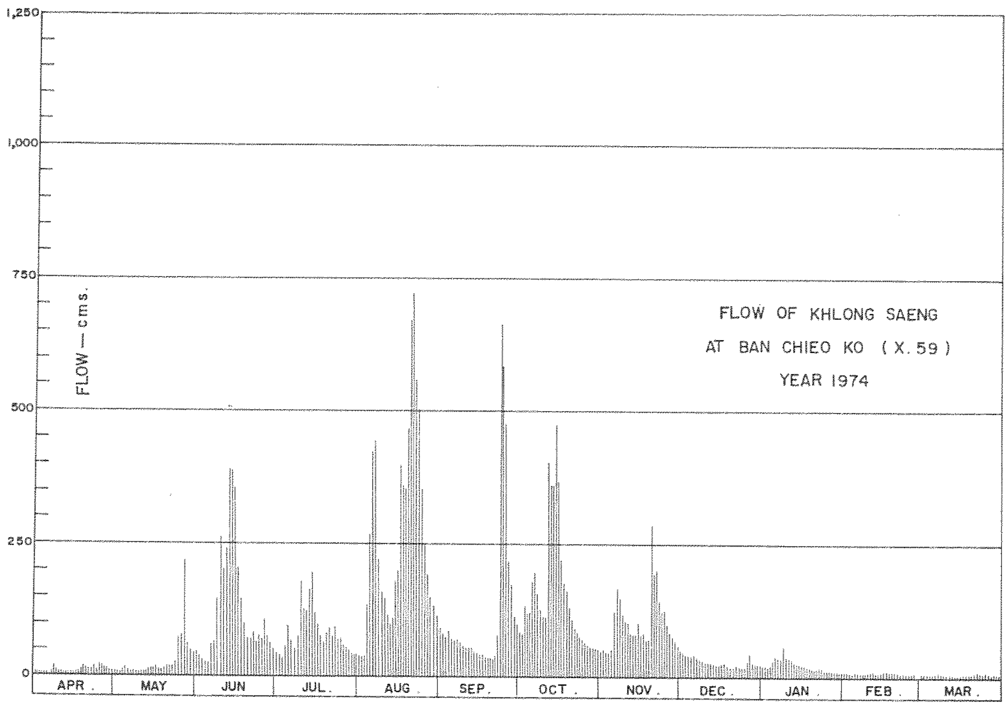
Khlong Saeng at Ban Chieo Ko, Surat Thani (X.59)

Location:	Lat. 9°-01'-00" N., Long. 98°-40'-23" E., on right bank at Ban Chieo Ko, Amphoe Khiri Ratthanikhom, Surat Thani.
Drainage Area:	800 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 26.210 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	on right bank under the guava tree.
Elevation:	+ 41.238 m. (M.S.L.)
Gage Reading Frequency:	13-time daily readings at 06.00-18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 13 readings.
Period of Available Gage Records:	1972-1976.
Rating Operation:	
Period of Rating:	1972-1974.
Rated by Float:	-
Rated by Current Meter:	1972-1974.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good, stage-discharge relation defined by 81 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	26.95	26.98	27.76	27.71	27.63	28.37	28.33	27.79	27.82	27.37	27.15	27.05
2	.93	.98	.65	.65	.60	.24	.19	.83	.76	.34	.14	.04
3	.92	27.00	.48	.58	.56	.14	.82	.80	.70	.31	.13	.04
4	.92	.00	.44	.92	28.70	.32	.68	.80	.67	.33	.13	.03
5	.91	.23	.37	28.41	29.99	.24	.72	.86	.66	.52	.12	.04
6	26.90	27.06	27.93	28.17	31.34	28.11	29.33	28.71	27.73	27.67	27.12	27.04
7	.96	.00	.94	27.94	.55	.09	.50	29.17	.60	.65	.11	.07
8	27.15	26.97	28.63	.81	30.80	.13	.04	.06	.54	.53	.11	.06
9	26.98	.98	29.18	28.11	29.67	.04	28.77	28.75	.52	.95	.10	.04
10	.93	.99	30.05	29.29	.12	27.94	.63	.56	.48	.65	.10	.03
11	26.94	27.03	29.47	28.80	29.00	27.95	28.56	28.48	27.45	27.67	27.09	27.02
12	.91	.00	.94	.68	28.72	.86	31.25	.27	.44	.53	.09	.01
13	.90	.01	31.13	.96	.44	.91	30.88	.27	.43	.45	.09	.01
14	.90	.18	.07	29.43	.56	.76	.91	.22	.41	.41	.10	.00
15	.92	.15	30.58	28.76	29.22	.74	31.77	.51	.41	.41	.10	.00
16	26.96	27.26	29.60	28.46	29.61	27.69	30.07	28.22	27.44	27.39	27.20	27.00
17	.96	.16	.00	.23	31.19	.73	29.65	.28	.49	.35	.13	.00
18	27.07	.15	28.58	.08	30.90	.65	.27	.13	.37	.33	.09	26.99
19	.26	.12	.31	27.98	.76	.60	.11	.08	.34	.29	.16	.99
20	.12	.25	.10	28.26	32.78	.58	28.79	30.27	.32	.26	.11	.99
21	27.14	27.26	28.00	28.40	33.42	27.57	28.57	29.42	27.35	27.25	27.08	26.99
22	.13	.22	.25	.14	32.43	.70	.41	.54	.39	.23	.07	27.13
23	.29	.26	27.94	.40	.32	28.03	.29	.03	.31	.31	.06	.10
24	.00	.45	28.20	.10	31.50	33.08	.16	28.73	.30	.24	.05	.03
25	.34	28.14	.04	.13	30.75	32.47	.12	.78	.29	.21	.05	.11
26	27.28	28.21	28.56	28.01	29.95	30.69	28.04	28.45	27.40	27.20	27.08	27.04
27	.23	29.67	.24	27.91	.60	29.60	27.99	.28	.80	.19	.09	.02
28	.14	28.65	.06	.85	.19	.15	.91	.14	.48	.18	.08	.01
29	.07	27.89	27.90	.79	28.90	28.76	.92	.05	.44	.17	-	26.99
30	.03	.73	.79	.70	.81	.48	.88	27.90	.39	.15	-	27.00
31	-	.69	-	.72	.51	-	.85	-	.37	.14	-	26.99
Mean	27.04	27.38	28.61	28.20	29.95	28.49	28.95	28.48	27.49	27.38	27.10	27.03
Max.	27.34	29.67	31.13	29.43	33.42	33.08	31.77	30.27	27.82	27.95	27.20	27.13
Min.	26.90	26.97	27.37	27.58	27.56	27.57	27.85	27.79	27.29	27.14	27.05	26.99

WATER YEAR 1974 : Max. 33.42 m. Min. 26.90 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	6.75	7.80	47	44	39	92	88	48	50	24	14	10
2	6.05	7.80	40	40	37	81	77	51	47	23	14	9.90
3	5.70	8.50	30	36	35	73	132	49	43	21	13	9.90
4	5.70	8.50	28	57	120	88	119	49	41	22	13	9.55
5	5.35	17	24	95	255	81	122	53	41	33	13	9.90
6	5.00	11	58	76	418	71	182	121	45	41	13	9.90
7	7.10	8.50	59	59	445	70	200	166	37	40	12	11
8	14	7.45	114	50	349	73	153	155	34	33	12	11
9	7.80	7.80	167	71	219	66	127	125	33	59	12	9.90
10	6.05	8.15	262	178	161	59	114	108	30	40	12	9.55
11	6.40	9.55	197	130	149	59	108	101	29	41	12	9.20
12	5.35	8.50	249	119	122	53	406	84	28	33	12	8.85
13	5.00	8.85	391	145	97	57	359	84	28	29	12	8.85
14	5.00	15	383	193	108	47	363	80	26	26	12	8.50
15	5.70	14	323	126	171	45	474	103	26	26	12	8.50
16	7.10	19	211	99	212	42	264	80	28	25	16	8.50
17	7.10	14	149	80	398	45	216	84	31	23	13	8.50
18	11	14	109	69	362	40	176	73	24	22	12	8.15
19	19	13	87	62	345	37	160	69	23	20	14	8.15
20	13	18	70	83	620	36	129	287	22	19	12	8.15
21	14	19	63	94	719	35	108	192	23	18	11	8.15
22	13	17	82	73	568	43	95	204	25	17	11	13
23	20	19	59	94	552	65	85	152	21	21	11	12
24	8.50	29	78	70	438	666	75	123	21	18	10	9.55
25	23	73	66	73	343	574	72	128	20	16	10	12
26	20	79	108	64	250	336	66	98	26	16	11	9.90
27	17	219	81	57	211	211	62	84	49	16	12	9.20
28	14	116	67	52	168	164	57	73	30	15	11	8.85
29	11	55	56	48	139	126	57	67	28	15	–	8.15
30	9.55	45	48	43	131	101	55	56	25	14	–	8.50
31	–	42	–	44	103	–	52	–	24	14	–	8.15
Total	304.20	939.40	3,706	2,524	8,284	3,536	4,753	3,147	958	780	342	293.40
Mean	10.1	30.3	123	81.4	267	118	153	105	30.9	25.2	12.2	9.46
Max.	23	219	391	193	719	666	474	287	50	59	16	13
Min.	5.00	7.45	24	36	35	35	52	48	20	14	10	8.15
Runoff - mcm.	26.283	81.164	320.198	218.074	715.738	305.510	410.659	271.901	82.771	67.392	29.549	25.350

WATER YEAR 1974 : Max. 719 Min. 5.00 Mean 81.0 Annual Runoff 2,554.589 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Aug. 21.	06.00	33.95	807				

PHUM DUANG RIVER BASIN

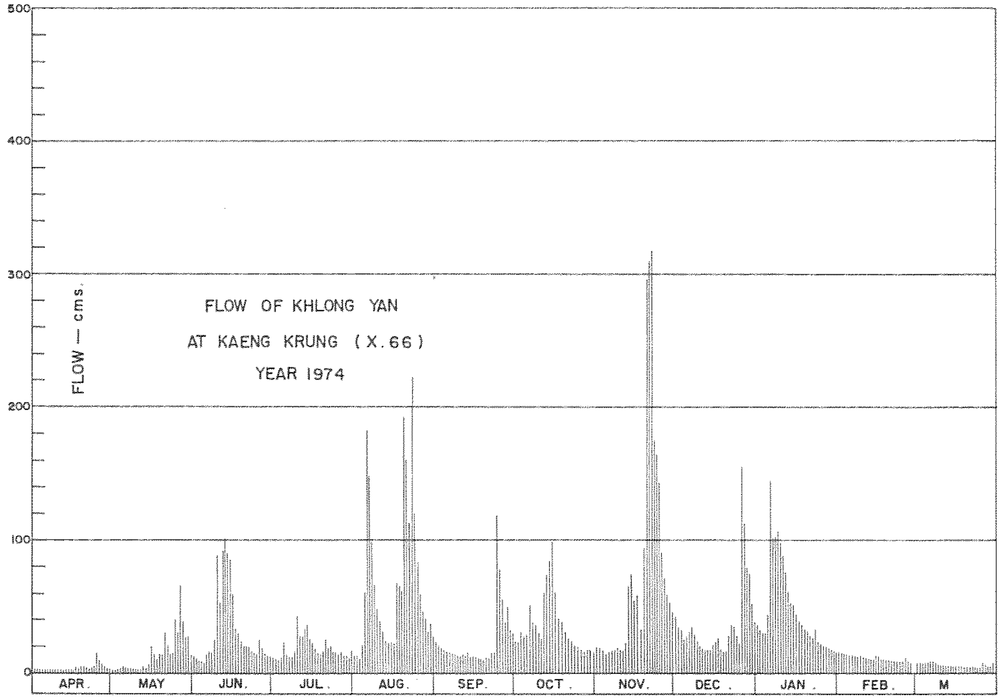
Khlong Yan at Kaeng Krung, Surat Thani (X.66)

Location:	Lat. 9°–10'–27" N., Long. 98°–51'–52" E., on left bank at Kaeng Krung, Amphoe Khiri Ratthanikhom, Surat Thani.
Drainage Area:	661 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 53.052 m. (M.S.L.)
Bench Mark:	B.M. – H.S.
Location:	on left bank near the gage site.
Elevation:	+ 64.675 m. (M.S.L.)
Gage Reading Frequency:	13-time daily readings at 06.00–18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 13 readings.
Period of Available Gage Records:	1972 to date.
Rating Operation:	
Period of Rating:	1972 to date.
Rated by Float:	–
Rated by Current Meter:	1972 to date.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 155 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	53.63	53.57	53.97	53.93	53.94	54.24	54.26	54.15	54.61	54.53	54.07	53.82
2	.61	.56	.91	.90	.99	.17	.22	.14	.48	.44	.05	.81
3	.58	.60	.84	.87	.90	.12	.43	.10	.44	.41	.04	.81
4	.57	.63	.81	.93	54.26	.09	.37	.06	.29	.41	.03	.82
5	.56	.70	.77	54.25	.99	.08	.33	53.99	.33	.65	.01	.80
6	53.56	53.64	54.01	54.03	56.41	54.05	54.47	54.07	54.38	56.05	54.00	53.83
7	.56	.61	.05	53.96	55.80	.03	.77	.10	.50	55.55	53.99	.86
8	.56	.63	.05	.92	.46	.02	.57	.09	.39	.55	.97	.80
9	.55	.62	.28	.98	54.91	53.99	.51	.14	.29	.62	.96	.77
10	.55	.61	55.37	54.64	.64	.96	.41	.11	.20	.49	.95	.77
11	53.54	53.60	54.78	54.34	54.52	54.03	54.30	54.10	54.16	55.37	53.94	53.76
12	.54	.63	55.39	.30	.37	53.96	.94	.22	.13	.20	.93	.75
13	.54	.71	.53	.44	.25	54.05	55.15	55.03	.12	54.90	.92	.75
14	.54	.63	.37	.52	.23	53.94	.30	.17	.09	.79	.91	.74
15	.53	.75	.31	.30	.24	.96	.51	54.84	.20	.78	.98	.74
16	53.55	54.16	54.80	54.23	54.21	53.93	54.96	54.91	54.27	54.66	53.98	53.73
17	.67	.02	.44	.12	55.06	.94	.81	.48	.33	.57	.91	.73
18	.63	53.88	.36	.05	.02	.91	.62	* .42	.10	.51	.89	.73
19	.67	54.02	.24	.01	54.95	.89	.55	*55.19	.07	.44	.88	.72
20	.71	53.95	.15	.07	56.50	.93	.41	*57.24	.07	.39	.90	.72
21	53.69	54.41	54.17	54.31	55.97	53.88	54.33	*57.30	57.36	54.34	53.90	53.72
22	.63	.25	.14	.13	.67	54.06	.27	.37	.52	.31	.87	.71
23	.68	.02	.06	.18	56.67	.06	.20	*56.32	.29	.46	.86	.71
24	.72	.02	.04	.05	55.69	55.75	.18	.22	.19	.28	.85	.71
25	54.04	.59	53.98	.02	.27	.30	.14	55.98	.14	.23	.87	.71
26	53.87	54.38	54.28	53.98	54.91	54.86	54.10	55.38	56.15	54.21	53.95	53.81
27	.75	55.02	.12	54.04	.69	.53	.07	.12	55.68	.17	.86	.74
28	.70	54.56	.03	53.97	.61	.75	.05	54.93	.23	.14	.84	.72
29	.63	.31	53.99	.98	.41	.42	.12	.79	.16	.12	–	.70
30	.60	.09	.95	.90	.55	.38	.06	.69	54.80	.10	–	.82
31	–	53.98	–	54.07	.33	–	.05	–	.57	.08	–	.73
Mean	53.63	53.94	53.34	54.11	54.92	54.21	54.47	54.95	54.40	54.67	53.94	53.76
Max.	54.04	55.02	55.53	54.64	56.50	55.75	55.51	57.37	56.15	56.05	54.07	53.82
Min.	53.53	53.56	53.77	53.87	53.90	53.88	54.05	53.99	54.07	54.08	53.84	53.70

WATER YEAR 1974 : Max. 57.37 m. Min. 53.53 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	3.86	2.72	13	12	12	24	24	20	42	37	17	8.80
2	3.42	2.56	11	11	14	21	23	20	35	33	16	8.50
3	2.88	3.20	9.40	10	11	19	32	18	33	31	16	8.50
4	2.72	3.86	8.50	12	24	18	29	16	26	31	15	8.80
5	2.56	5.40	7.36	24	64	17	27	14	27	44	15	8.20
6	2.56	4.08	15	15	182	16	34	17	30	145	14	9.10
7	2.56	3.42	16	13	123	15	51	18	36	102	14	10
8	2.56	3.86	16	12	96	15	39	18	30	102	13	8.20
9	2.40	3.64	25	14	59	14	36	20	26	108	13	7.36
10	2.40	3.42	89	43	43	13	31	18	22	98	13	7.36
11	2.24	3.20	51	28	37	15	26	18	20	89	12	7.08
12	2.24	3.86	91	26	29	13	61	23	19	77	12	6.80
13	2.24	5.68	101	33	24	16	74	66	19	59	12	6.80
14	2.24	3.86	89	37	23	12	84	75	18	52	11	6.52
15	2.08	6.80	85	26	24	13	99	55	22	51	14	6.52
16	2.40	20	53	23	22	12	62	59	25	44	14	6.24
17	4.74	15	33	19	68	12	53	35	27	39	11	6.24
18	3.86	11	29	16	66	11	42	32	18	36	11	6.24
19	4.74	15	24	15	62	11	38	85	17	33	11	5.96
20	5.68	13	20	17	192	12	31	295	17	30	11	5.96
21	5.18	31	21	27	138	11	27	308	29	28	11	5.96
22	3.86	24	20	19	112	16	25	318	37	27	10	5.68
23	4.96	15	16	21	213	16	22	173	26	34	10	5.68
24	5.96	15	16	16	114	119	21	163	22	25	9.70	5.68
25	16	41	14	15	82	84	20	139	20	23	10	5.68
26	10	30	25	14	59	56	18	90	155	22	13	8.50
27	6.80	66	19	16	46	37	17	72	113	21	10	6.52
28	5.40	39	15	13	42	50	16	60	79	20	9.40	5.96
29	3.86	27	14	14	31	32	19	52	75	19	–	5.40
30	3.20	18	13	11	38	30	16	46	53	18	–	8.80
31	–	14	–	17	27	–	16	–	39	17	–	6.24
Total	125.60	453.56	959.26	589	2,077	750	1,113	2,343	1,157	1,495	348.10	219.28
Mean	4.19	14.6	32.0	19.0	67.0	25.0	35.9	78.1	37.3	48.2	12.4	7.07
Max.	16	66	101	43	192	119	99	318	155	145	17	8.80
Min.	2.08	2.56	7.36	10	11	11	16	14	17	17	9.40	5.40
Runoff – mcm.	10.852	39.187	82.880	50.890	179.453	64.800	96.163	202.435	99.965	129.168	30.076	18.946

WATER YEAR 1974 : Max. 318 Min. 2.08 Mean 31.9 Annual Runoff 1,004.815 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov.22.	01.00	58.57	526				

KHLONG YAN RIVER BASIN

Khlong Yan at Ban Nam Hak, Surat Thani (X.92)

Location: Lat. 9^{0}-06'-18" N., Long. 98^{0}-58'-52" E., on right bank at Ban Nam Hak, Amphoe Khiri Ratthanikhom, Surat Thani.

Drainage Area: 1,001 sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. – H.S.

Location: at the pedestal of cableway support.
Elevation: + 6.958 m. (M.S.L.)

Gage Reading Frequency: 13-time daily readings at 06.00-18.00 hours.

Basis of Mean Daily Gage Height: Arithmetic mean of 13 readings.

Period of Available Gage Records: 1973 to date.

Rating Operation:

Period of Rating: 1974 to date.
Rated by Float: –
Rated by Current Meter: 1974 to date.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

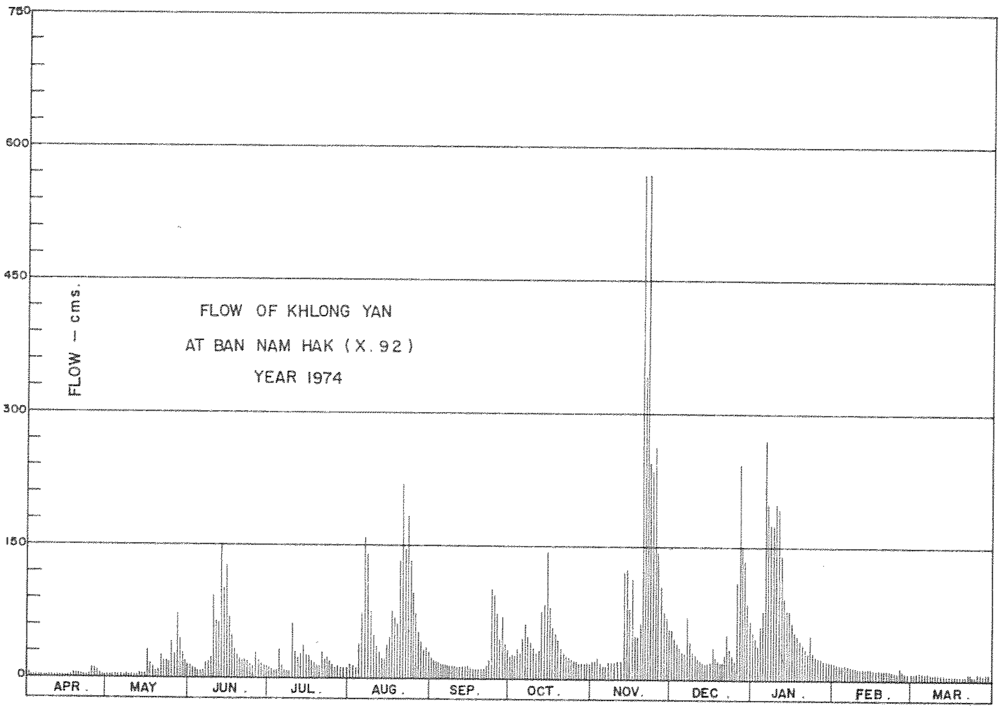
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 121 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.67	0.57	0.89	0.87	0.94	1.16	1.21	1.08	1.74	1.65	1.05	0.79
2	.60	.57	.86	.83	.90	.11	.22	.08	.56	.52	.03	.77
3	.59	.56	.81	.80	.85	.06	.19	.14	.47	.44	.01	.77
4	.58	.58	.76	.79	.89	.02	.37	.01	.38	.78	0.99	.77
5	.58	.62	.74	1.33	1.73	0.99	.25	0.95	.30	2.13	.98	.77
6	0.57	0.63	0.74	0.96	2.54	0.97	1.62	0.96	1.29	4.14	0.97	0.75
7	.57	.59	.98	.88	.99	.96	.82	1.06	.91	3.43	.95	.78
8	.57	.59	.97	.84	.79	.96	.53	.05	.48	.15	.93	.76
9	.57	.59	1.07	.84	1.97	.94	.49	.11	.32	.16	.92	.74
10	.57	.58	2.17	1.79	.58	.89	.35	.03	.23	.37	.91	.72
11	0.57	0.59	1.81	1.28	1.39	0.91	1.24	1.12	1.17	3.32	0.90	0.72
12	.56	.59	.79	.13	.29	.89	.33	.08	.13	2.78	.89	.71
13	.56	.66	2.89	.18	.16	.93	2.00	2.57	.10	.24	.88	.71
14	.56	.64	.27	.38	.11	.90	.10	.61	.06	.03	.90	.70
15	.55	.62	.63	.21	.42	.89	.80	.06	.04	.03	.91	.69
16	0.56	1.30	1.91	1.21	1.57	0.87	2.07	2.48	1.11	1.83	0.88	0.70
17	.58	.01	.54	.05	2.00	.87	1.77	1.58	.41	.68	.86	.70
18	.64	0.87	.30	0.97	1.91	.84	.67	.37	.17	.60	.85	.69
19	.61	.76	.17	.92	1.78	.83	.55	.81	.08	.50	.84	.68
20	.64	.80	.07	.89	2.63	.87	.39	6.45	.04	.42	.86	.68
21	0.65	1.18	1.05	1.25	3.68	0.86	1.30	4.82	1.22	1.36	0.84	0.67
22	.60	.05	.07	.05	2.80	.96	.20	6.45	.64	.29	.83	.70
23	.59	.08	0.99	.14	3.24	1.06	.19	3.90	.35	.62	.82	.77
24	.62	0.94	.95	0.98	2.93	2.44	.12	.80	.22	.31	.80	.70
25	.86	1.48	.92	.92	2.32	.24	.09	4.06	.11	.23	.82	.67
26	0.84	1.21	1.26	0.89	1.92	1.98	1.09	2.81	2.45	1.20	0.94	0.79
27	.75	.92	.10	.93	.68	.54	.03	.34	3.88	.17	.86	.76
28	.66	.65	0.98	.89	.48	.91	.03	2.05	2.92	.13	.80	.68
29	.66	.35	.93	.90	.33	.44	.03	1.92	.70	.11	–	.70
30	.59	.07	.90	.83	.35	.34	.06	.71	.10	.11	–	.75
31	–	0.94	–	.89	.28	–	.01	–	1.83	.08	–	.74
Mean	0.62	0.89	1.28	0.92	1.85	1.15	1.42	2.25	1.56	1.93	0.90	0.73
Max.	0.86	1.92	2.89	1.79	3.68	2.44	2.80	6.45	3.88	4.14	1.05	0.79
Min.	0.55	0.56	0.74	0.79	0.85	0.83	1.01	0.95	1.04	1.08	0.80	0.68

WATER YEAR 1974 : Max. 6.45 m. Min. 0.55 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	6.10	3.40	14	13	16	25	27	21	59	53	20	9.70
2	4.00	3.40	12	11	14	22	28	21	48	45	19	9.70
3	3.80	3.20	10	10	12	20	26	24	42	40	18	9.10
4	3.60	3.60	8.80	9.70	14	19	36	18	37	62	18	9.10
5	3.60	4.60	8.20	34	58	18	29	16	32	86	17	9.10
6	3.40	4.90	8.20	16	120	17	51	16	31	269	17	8.50
7	3.40	3.80	17	13	160	16	64	20	71	200	16	9.40
8	3.40	3.80	17	12	142	16	46	20	43	174	15	8.80
9	3.40	3.80	21	12	75	16	43	22	33	175	15	8.20
10	3.40	3.60	90	62	49	14	35	19	28	197	14	7.60
11	3.40	3.80	64	31	37	14	29	23	25	190	14	7.60
12	3.20	3.80	62	23	31	14	34	21	23	141	14	7.30
13	3.20	5.80	151	26	25	15	77	122	22	95	13	7.30
14	3.20	5.20	98	37	22	14	84	126	20	79	14	7.00
15	3.00	4.60	128	27	39	14	143	81	20	79	14	6.70
16	3.20	32	71	27	48	13	82	114	22	65	13	7.00
17	3.60	18	46	20	77	13	61	49	39	55	12	7.00
18	5.20	13	32	17	71	12	54	49	25	50	12	6.70
19	4.30	8.80	25	15	62	11	47	64	21	44	12	6.40
20	5.20	10	21	14	128	13	37	568	20	39	12	6.40
21	5.50	26	20	29	223	12	32	339	28	36	12	6.10
22	4.00	20	21	20	143	16	27	568	52	31	11	7.00
23	3.80	21	18	24	183	20	26	245	35	51	11	9.10
24	4.60	16	16	17	155	111	23	235	28	32	10	7.00
25	12	43	15	15	102	95	22	261	22	28	11	6.10
26	12	27	30	14	71	76	22	144	112	27	16	9.70
27	8.50	71	22	15	55	46	19	103	243	25	12	8.80
28	5.80	53	17	14	43	71	19	80	154	23	10	6.40
29	5.80	35	15	14	34	40	19	71	134	22	–	7.00
30	3.80	21	14	11	35	34	20	57	84	22	–	8.50
31	–	16	–	14	31	–	18	–	65	21	–	8.20
Total	141.40	492.10	1,092.20	616.70	2,275	837	1,280	3,517	1,638	2,456	392	242.50
Mean	4.71	15.9	36.3	19.9	73.4	279	41.3	117	528	79.2	14.0	7.82
Max.	12	71	151	62	223	111	143	568	243	269	20	9.70
Min.	3.00	3.20	8.20	9.70	12	11	18	16	20	21	10	6.40
Runoff - mcm.	12.217	42.517	94.366	53.283	196.560	72.317	110.592	303.869	141.523	212.198	33.869	20.952

WATER YEAR 1974 : Max. 568 Min. 3.00 Mean 41.0 Annual Runoff 1,294.263 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Nov. 22, 74	10.00	6.60	592				

PATTANI RIVER BASIN

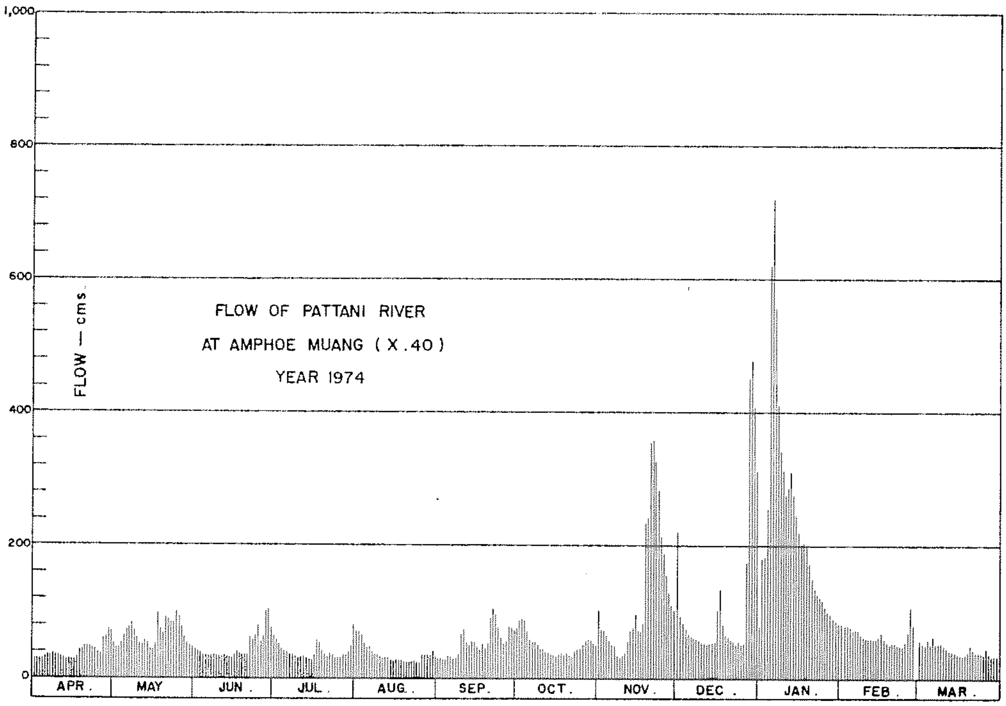
Pattani River at Amphoe Muang Yala (X.40)

Location:	Lat. 6°-35'-00" N., Long. 101°-20'-00" E., on right bank about 500 meters downstream from state railway bridge crossing Pattani River at Ban Streng Nok, Amphoe Muang, Yala.
Drainage Area:	3,295 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 9.600 m. (M.S.L.)
Bench Mark:	B.M. - H.S.
Location:	about 15 meters upstream from the top gage.
Elevation:	+ 16.134 m. (M.S.L.)
Gage Reading Frequency:	14-time daily readings at 06.00-18.00 and 21.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 14 readings.
Period of Available Gage Records:	1964 to date.
Rating Operation:	
Period of Rating:	1964-1975.
Rated by Float:	-
Rated by Current Meter:	1964-1975.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	Overbank flow starts at elevation + 14.00 m. (M.S.L.) measured by Current Meter and is included.
General Description:	Records good. Stage-discharge relation defined by 148 discharge measurements made in 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	10.85	11.20	11.06	11.40	11.53	10.84	11.55	11.93	13.18	11.64	11.64	11.32
2	.85	.10	.01	.29	.51	.85	.74	.54	.81	12.79	.63	.23
3	.84	.15	10.98	.20	.44	.83	.76	.55	.67	.79	.63	.20
4	.83	.22	.95	.09	.22	.82	.74	.46	.56	13.46	.58	.28
5	.89	.41	.94	.04	.12	.90	.53	.30	.48	15.75	.54	.23
6	10.94	11.51	10.92	11.00	11.15	10.88	11.34	11.23	11.41	16.06	11.56	11.38
7	.91	.59	.93	10.96	.04	.83	.27	.16	.38	15.47	.56	.21
8	.99	.68	.93	.93	10.96	.88	.28	.10	.36	14.72	.47	.21
9	.96	.51	.91	.89	.93	.96	.18	.04	.31	.18	.43	.24
10	.91	.34	.90	.87	.90	11.45	.12	.10	.26	13.93	.39	.19
11	10.87	11.21	10.91	10.88	10.86	11.51	11.08	11.14	11.22	13.65	11.36	11.11
12	.84	.21	.91	.90	.86	.23	.02	.27	.24	.78	.36	.06
13	.83	.30	.88	.87	.87	.19	10.98	.53	.23	.96	.33	.02
14	.82	.17	.86	.84	.83	.32	.97	.57	.24	.58	.32	.01
15	.80	.07	.89	.83	.81	.25	.94	.85	.26	.42	.38	10.97
16	10.78	11.05	11.15	10.92	10.80	11.11	10.91	11.60	11.89	13.06	11.46	10.95
17	.86	.50	.16	11.32	.82	.06	.95	.46	12.30	12.99	.34	.93
18	11.05	.86	10.99	.25	.79	.21	11.00	.68	11.66	13.04	.26	.92
19	.05	.57	.93	.03	.77	.08	10.94	13.30	.45	13.00	.22	.98
20	.16	.49	.93	10.95	.75	.29	11.00	.36	.41	12.68	.24	11.18
21	11.15	11.79	10.96	10.90	10.75	11.81	10.92	14.30	11.32	12.44	11.25	11.08
22	.11	.83	11.38	.96	.76	.96	.89	.35	.29	.30	.18	.00
23	.12	.83	.33	.93	.76	.84	11.03	.01	.22	.25	.16	.00
24	.06	.80	.41	.89	.73	.53	.09	13.49	.28	.16	.15	10.97
25	10.98	.90	.63	.86	.73	.35	.09	.04	.20	.09	.27	.93
26	10.98	11.79	11.27	10.86	10.97	11.23	11.18	12.66	11.25	11.98	11.48	11.08
27	11.35	.54	.38	.95	.92	.27	.26	.30	12.77	.90	.92	10.99
28	.37	.39	.93	.94	.95	.62	.33	.09	14.95	.83	.55	.94
29	.53	.25	.98	11.00	.92	.58	.32	11.91	15.16	.77	-	.91
30	.52	.18	.55	.18	11.03	.54	.21	.80	14.58	.72	-	.88
31	-	.13	-	.61	10.92	-	.16	-	13.77	.68	-	.85
Mean	11.01	11.44	11.12	11.02	10.95	11.24	11.19	12.05	11.90	13.15	11.42	11.23
Max.	11.53	11.90	11.98	11.61	11.53	11.96	11.76	14.35	15.16	16.06	11.92	11.38
Min.	10.80	11.07	10.86	10.83	10.73	10.82	10.89	11.04	11.23	11.68	11.15	10.85

WATER YEAR 1974 : Max. 16.06 m. Min. 10.73 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	30	51	43	63	72	30	73	102	221	80	80	58
2	30	45	40	56	71	30	87	73	92	181	79	53
3	30	48	38	51	66	29	89	73	82	181	79	51
4	29	52	36	44	52	29	87	67	74	252	76	56
5	32	64	35	41	46	33	72	57	69	615	73	53
6	35	71	34	39	48	32	59	53	64	719	74	62
7	34	76	35	37	41	29	55	49	62	543	74	52
8	38	83	35	35	37	32	56	45	61	412	68	52
9	37	71	34	32	35	37	50	41	58	338	65	53
10	34	59	33	31	33	66	46	45	55	309	62	50
11	31	52	34	32	31	71	44	47	52	275	61	46
12	30	52	34	33	31	53	40	55	53	291	61	43
13	29	57	32	31	31	50	38	72	53	312	59	40
14	29	49	31	30	29	58	37	75	53	267	58	40
15	28	43	32	29	28	54	35	96	55	247	62	37
16	27	42	48	34	28	46	34	77	99	207	67	36
17	31	70	49	58	29	43	36	67	134	201	59	35
18	42	96	38	54	27	52	39	83	81	206	55	34
19	42	75	35	41	26	44	35	234	66	202	52	38
20	49	69	35	36	25	56	39	241	64	170	53	50
21	48	91	37	33	25	93	34	354	58	147	54	44
22	46	94	62	37	26	105	32	360	56	134	50	39
23	46	94	59	35	26	95	41	318	52	129	49	39
24	43	92	64	32	24	72	44	256	56	121	48	37
25	38	100	79	31	24	60	44	206	51	115	55	35
26	38	91	55	31	37	53	50	168	54	106	69	44
27	60	73	62	36	34	55	55	134	172	100	102	38
28	61	62	102	35	36	78	59	115	447	94	73	35
29	73	54	106	39	34	75	58	101	481	90	-	34
30	71	50	73	50	41	73	52	92	392	86	-	32
31	-	47	-	78	34	-	49	-	289	83	-	30
Total	1,191	2,073	1,431	1,244	1,127	1,633	1,569	3,710	3,537	7,354	1,817	1,346
Mean	39.7	66.8	47.7	40.1	36.3	54.4	50.6	123	114	237	64.8	43.4
Max.	73	100	106	78	72	105	89	360	481	719	102	62
Min.	28	43	31	29	24	29	32	41	53	83	48	30
Runoff - MCM.	102.902	179.107	123.638	107.482	97.373	141.091	135.562	320.544	305.597	635.386	156.989	116.294

WATER YEAR 1974 : Max. 719 Min. 24 Mean 76.8 Annual Runoff 2,421.965 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.5-6.	24.00 02.00	16.20	778				

KHLONG YAHA RIVER BASIN

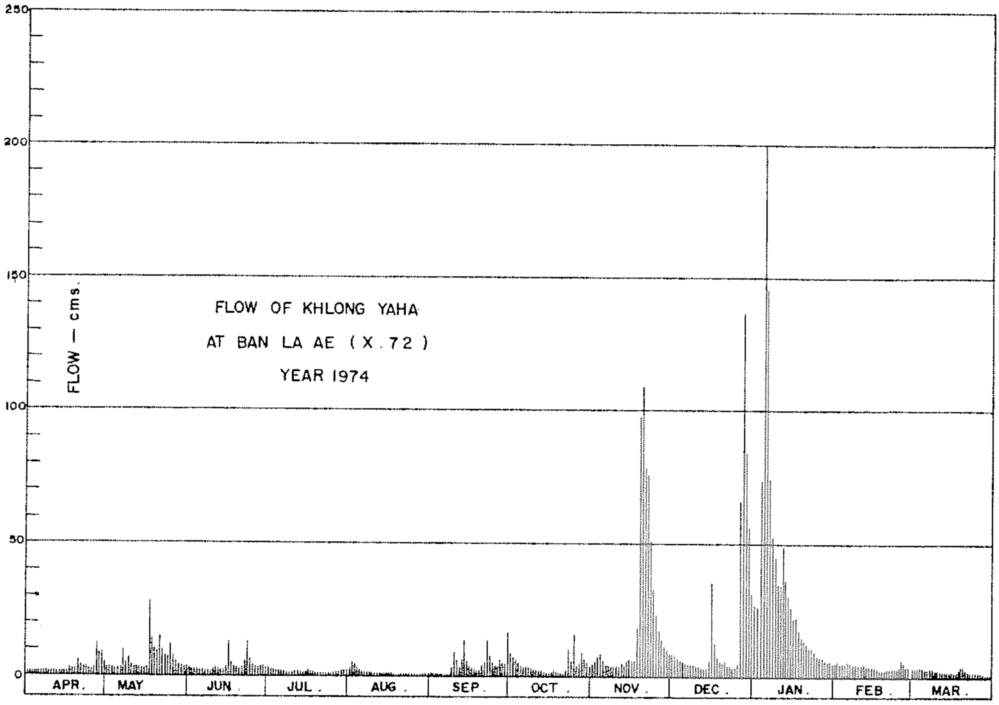
Khlong Yaha at Ban La Ae, Yala (X.72)

Location:	Lat. 6^{0}-28'-21" N., Long. 101^{0}-10'-03" E., on right bank about 4 kilometers from Amphoe Yaha along the rural road and about 3 kilometers downstream from confluence with Khlong Ba Tac at Ban La Ae, Amphoe Yaha, Yala.
Drainage Area:	358 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	along the measuring line.
Elevation:	+ 7.109 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1969.
Rated by Float:	-
Rated by Current Meter:	1967-1969.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 43 discharge measurements made during 1967-1968.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.46	1.80	1.70	1.76	1.77	1.49	2.36	2.05	2.40	3.63	2.07	1.82
2	.44	.81	.66	.70	2.06	.45	.20	.07	.31	.36	.11	.78
3	.43	.75	.63	.64	1.86	.44	.13	.31	.23	.39	.07	.85
4	.43	.66	.61	.60	.72	.39	.02	.40	.17	5.54	.02	.85
5	.43	.66	.58	.57	.65	.36	1.87	.16	.12	8.70	1.99	.79
6	1.43	1.75	1.57	1.54	1.54	1.35	1.79	1.97	2.00	7.13	2.13	1.75
7	.52	2.43	.57	.52	.55	.37	.80	.92	.05	5.58	2.02	.71
8	.52	1.89	.56	.51	.50	.33	.77	.84	.03	4.82	.00	.82
9	.46	2.17	.51	.49	.48	2.16	.72	.83	1.98	4.45	1.99	.74
10	.44	1.86	.66	.49	.47	.41	.66	.87	.93	4.02	.95	.71
11	1.43	1.76	1.75	1.57	1.47	1.89	1.62	1.86	1.87	3.82	1.95	1.67
12	.43	.78	.66	.56	.43	.72	.57	.99	.96	4.60	.98	.65
13	.42	.73	.60	.53	.41	2.78	.55	.92	.91	.07	.92	.63
14	.41	.66	.56	.51	.40	.34	.54	2.10	.95	3.77	.91	.61
15	.41	.62	.72	.51	.39	1.97	.52	.21	2.17	.57	.89	.59
16	1.41	1.63	2.75	1.64	1.39	1.80	1.53	2.10	4.00	3.30	1.87	1.58
17	.70	3.65	.02	.59	.38	.71	.69	.17	2.75	.40	.83	.57
18	.56	2.67	1.83	.54	.37	.64	.61	3.10	.33	.11	.81	.57
19	.57	.41	.77	.51	.36	.62	.56	6.30	.15	2.90	.81	.87
20	2.07	.41	.68	.48	.35	.97	.53	.65	.05	.76	.81	.90
21	1.78	2.86	1.72	1.46	1.36	1.92	1.50	5.70	2.09	2.62	1.79	1.71
22	.66	.46	2.01	.45	.36	2.81	.64	.60	1.96	.57	.79	.65
23	.73	.31	.75	.44	.35	2.35	2.56	4.70	.92	.57	.78	.61
24	.66	.16	.22	.43	.34	.08	.15	3.90	.95	.47	.79	.59
25	.58	.58	1.95	.43	.36	1.92	.92	.52	.93	.37	.83	.58
26	1.56	2.29	1.84	1.50	1.35	1.83	1.83	3.11	1.99	2.28	2.19	1.59
27	2.66	.08	.82	.50	.36	2.16	.99	2.90	5.25	.23	2.01	.53
28	2.30	1.95	.84	.59	.37	1.98	2.43	.61	7.35	.17	1.90	.51
29	2.30	.86	.82	.61	.48	.92	.15	.50	5.91	.11	-	.49
30	1.94	.80	.80	.67	.44	3.00	1.99	.40	4.92	.11	-	.48
31	-	.74	-	.60	.39	-	.86	-	3.86	.03	-	.48
Mean	1.64	2.07	1.80	1.55	1.47	1.90	1.87	2.92	2.69	3.59	1.94	1.67
Max.	2.66	3.65	2.75	1.76	2.06	3.00	2.92	6.65	7.35	8.70	2.19	1.90
Min.	1.41	1.66	1.51	1.43	1.34	1.33	1.50	1.83	1.87	2.03	1.78	1.48

WATER YEAR 1974 : Max. 8.70 m. Min. 1.33 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.50	3.70	3.00	3.42	3.49	1.65	8.76	5.65	9.20	28	5.83	3.84
2	1.40	3.77	2.72	3.00	5.74	1.45	7.10	5.83	8.21	23	6.20	3.56
3	1.35	3.35	2.51	2.58	4.12	1.40	6.40	8.21	7.40	23	5.07	4.05
4	1.35	2.72	2.37	2.30	3.14	1.16	5.38	9.20	6.80	74	5.38	4.05
5	1.35	2.72	2.18	2.12	2.65	1.04	4.19	6.70	6.30	201	5.12	3.63
6	1.35	3.35	2.12	1.94	1.94	1.00	3.63	4.96	5.20	128	6.40	3.35
7	1.82	9.42	2.12	1.82	2.00	1.08	3.70	4.56	5.65	74	5.38	3.07
8	1.82	4.33	2.06	1.76	1.70	0.92	3.49	3.98	5.47	54	5.20	3.84
9	1.50	6.80	1.76	1.65	1.60	6.70	3.14	3.91	5.04	45	5.12	3.28
10	1.40	4.12	2.72	1.65	1.55	9.31	2.72	4.19	4.64	36	4.80	3.07
11	1.35	3.42	3.35	2.12	1.55	4.33	2.44	4.12	4.19	32	4.80	2.79
12	1.35	3.56	2.72	2.06	1.35	3.14	2.12	5.12	4.88	49	5.04	2.65
13	1.30	3.21	2.30	1.88	1.25	14	2.00	4.56	4.48	37	4.56	2.51
14	1.25	2.72	2.06	1.76	1.20	8.54	1.94	6.10	4.80	31	4.48	2.37
15	1.25	2.44	3.14	1.76	1.16	4.96	1.82	7.20	6.80	27	4.33	2.24
16	1.25	2.51	13	2.58	1.16	3.70	1.88	6.10	35	22	4.19	2.18
17	3.00	28	5.38	2.24	1.12	3.07	2.93	6.80	13	23	3.99	2.12
18	2.06	12	3.91	1.94	1.08	2.58	2.37	18	8.43	18	3.77	2.12
19	2.12	9.31	3.49	1.76	1.04	2.44	2.06	98	6.60	15	3.77	4.19
20	5.83	9.31	2.86	1.60	1.00	4.96	1.88	110	5.65	14	3.77	4.40
21	3.56	15	3.14	1.50	1.04	4.56	1.70	79	6.01	12	3.63	3.07
22	2.72	9.86	5.29	1.45	1.04	14	2.58	76	4.88	11	3.63	2.65
23	3.21	8.21	13	1.40	1.00	8.65	11	51	4.56	11	3.56	2.37
24	2.72	6.70	7.30	1.35	0.96	5.92	6.60	33	4.80	9.97	3.63	2.24
25	2.18	11	4.80	1.35	1.04	4.56	16	26	4.64	8.87	3.91	2.18
26	2.06	8.00	3.98	1.70	1.00	3.91	3.91	18	5.12	7.90	7.00	2.00
27	12	5.92	3.84	1.70	1.04	6.70	5.12	15	66	7.40	5.29	1.88
28	8.10	4.80	3.98	2.24	1.08	5.04	9.53	12	137	6.80	4.40	1.76
29	8.43	4.12	3.84	2.37	1.60	4.56	6.60	10	85	6.20	–	1.65
30	4.72	3.70	3.70	2.79	1.40	17	5.12	9.20	57	6.20	–	1.60
31	–	3.28	–	2.30	1.16	–	4.12	–	32	5.47	–	1.60
Total	85.30	201.35	118.64	62.09	52.20	152.33	142.23	652.39	564.75	1,046.81	132.17	86.31
Mean	2.84	6.50	3.95	2.00	1.68	5.11	4.62	21.7	18.2	33.8	4.72	2.78
Max.	12	28	13	3.42	5.74	17	16	110	137	201	7.00	4.40
Min.	1.25	2.72	1.76	1.35	0.96	0.92	1.70	3.91	4.19	5.47	3.56	1.60
Runoff – mcm.	7.370	17.397	10.250	5.364	4.510	13.161	12.289	56.366	48.794	90.444	11.419	7.457

WATER YEAR 1974 : Max. 201 Min. 0.92 Mean 9.03 Annual Runoff 284.824 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.5, 75	06.00	9.48	272				

PATTANI RIVER BASIN

Pattani River at Bang Rang, Yala (X.78A)

Location: Lat. 6°-09'-52" N., Long. 101°-16'-19" E., on left bank about 2 kilometers downstream from X78 station at Bang Rang, Amphoe Bannang Sata, Yala.

Drainage Area: 2,044 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 42.403 m. (M.S.L.)

Bench Mark: B.M. - H.S./RID X78A

Location: about 4 meters south east of the corner of Meteorological station.
Elevation: + 53.132 m. (M.S.L.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1967-1974.

Rating Operation:

Period of Rating: 1967-1974.
Rated by Float: -
Rated by Current Meter: 1967-1974.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

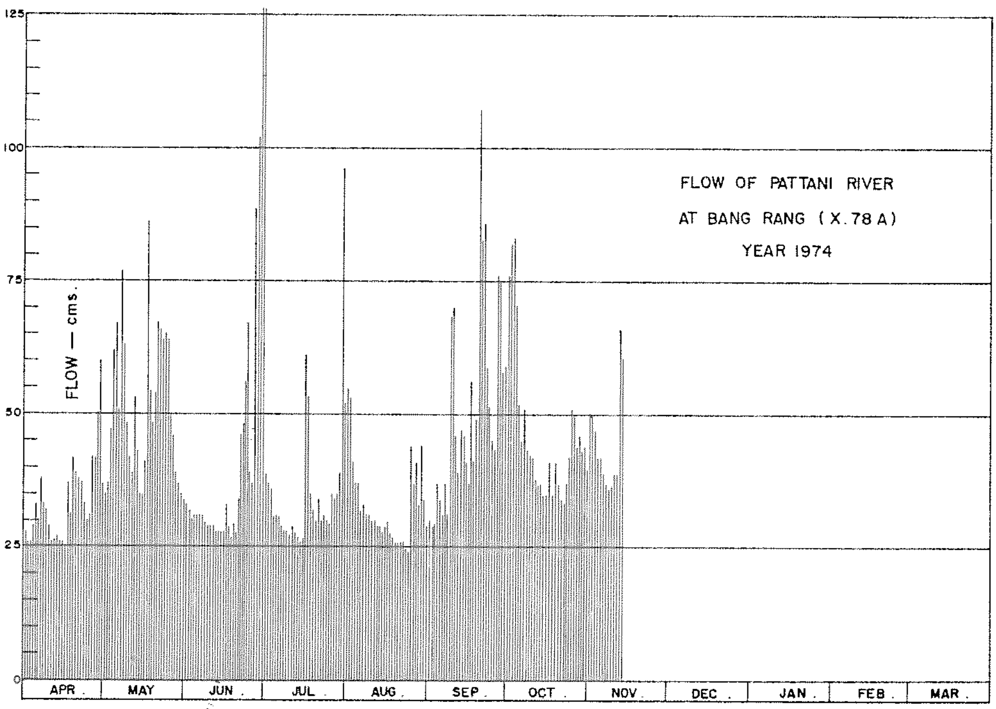
General Description: Records fair. Stage-discharge relation defined by 193 discharge measurements made in 1973.

Remarks: Records ending November 14, 1974.

GAGE HEIGHT IN METER (M.S.L.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	43.47	43.58	43.56	43.65	43.85	43.51	44.08	43.78				
2	.44	.62	.54	.62	.83	.50	.14	.79				
3	.44	.75	.51	.56	.67	.49	.15	.75				
4	.50	.93	.52	.52	.61	.62	43.93	.68				
5	.56	.99	.52	.53	.61	.57	.81	.68				
6	43.51	43.80	43.52	43.52	43.54	43.52	43.73	43.64				
7	.63	44.09	.52	.50	.55	.61	.80	.62				
8	.55	43.94	.50	.49	.52	.53	.70	.60				
9	.52	.77	.49	.47	.52	44.00	.68	.61				
10	.48	.68	.49	.46	.51	.02	.69	.65				
11	43.44	43.64	43.49	43.50	43.51	43.74	43.63	43.65				
12	.45	.82	.48	.47	.50	.65	.61	.98				
13	.47	.68	.48	.46	.49	.75	.61	.92				
14	.44	.58	.47	.45	.48	.74	.59					
15	.44	.58	.48	.46	.49	.67	.58					
16	43.43	43.67	43.56	43.92	43.51	43.61	43.58					
17	.61	44.18	.48	.81	.48	.86	.67					
18	.53	43.84	.46	.58	.46	.67	.58					
19	.69	.76	.49	.54	.45	.77	.67					
20	.64	.84	.45	.51	.44	44.38	.61					
21	43.63	43.99	43.74	43.57	43.45	44.15	43.57					
22	.62	.98	.61	.51	.45	.18	.56					
23	.56	.96	.86	.53	.43	43.90	.62					
24	.51	.97	.99	.51	.42	.80	.67					
25	.53	.96	.65	.50	.71	.72	.80					
26	43.69	43.79	43.61	43.59	43.61	43.70	43.79					
27	.69	.71	44.20	.57	.67	44.08	.71					
28	.79	.64	.33	.59	.56	.07	.74					
29	.91	.62	.80	.65	.71	43.89	.70					
30	.62	.59	.71	44.27	.57	.90	.71					
31		.57		43.81	.49		.65					
Mean	43.55	43.77	43.68	43.58	43.55	43.78	43.72					
Max.	43.91	44.18	44.80	44.27	43.85	44.38	44.15					
Min.	43.43	43.57	43.45	43.45	43.42	43.49	43.56					

WATER YEAR : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	28	35	33	39	55	30	76	49				
2	26	37	32	37	53	29	82	50				
3	26	47	30	33	41	29	83	47				
4	29	62	31	31	37	37	62	42				
5	33	67	31	31	37	34	52	42				
6	30	51	31	31	32	31	45	39				
7	38	77	31	29	33	37	51	37				
8	33	63	29	28	31	31	43	36				
9	31	49	29	28	31	68	42	37				
10	28	42	29	27	30	70	42	39				
11	26	39	29	29	30	46	38	39				
12	26	53	28	28	29	39	37	66				
13	27	42	28	27	29	47	37	61				
14	26	35	28	26	28	46	35					
15	26	35	28	27	29	41	35					
16	25	41	33	61	30	37	35					
17	37	86	28	52	28	56	41					
18	31	54	27	35	27	41	35					
19	42	48	29	32	26	49	41					
20	39	54	26	30	26	107	37					
21	38	67	46	34	26	83	34					
22	37	66	37	30	26	86	33					
23	33	64	56	31	25	59	37					
24	30	65	67	30	24	51	41					
25	31	64	39	29	44	45	51					
26	42	50	37	35	37	43	50					
27	42	44	88	34	41	76	44					
28	50	39	102	35	33	75	46					
29	60	37	156	39	44	58	43					
30	37	35	145	96	34	59	44					
31		34		52	29		39					
Total	1,007	1,582	1,363	1,106	1,025	1,472	1,411					
Mean	30.5	51.0	45.4	35.6	33.1	49.1	45.5					
Max.	60	86	156	96	55	107	83					
Min.	25	34	26	26	24	29	33					
Runoff - mcm.	87.004	136.684	117.76	95.558	88.560	127.180	121.910					

WATER YEAR : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge

KHLONG CHUMPHON RIVER BASIN

Khlong Chumphon at Ban Saip Yuan, Chumphon (X.53)

Location: Lat. 10^0–29'–57" N., Long. 99^0–04'–15" E., on left bank upstream side of the bridge near Rong Rian Phayom Thawai, Amphoe Muang, Chumphon.

Drainage Area: 223 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. – H.S.

Location: near gage site.
Elevation: + 9.502 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1971 to date.

Rating Operation:

Period of Rating: 1973
Rated by Float: –
Rated by Current Meter: 1973

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

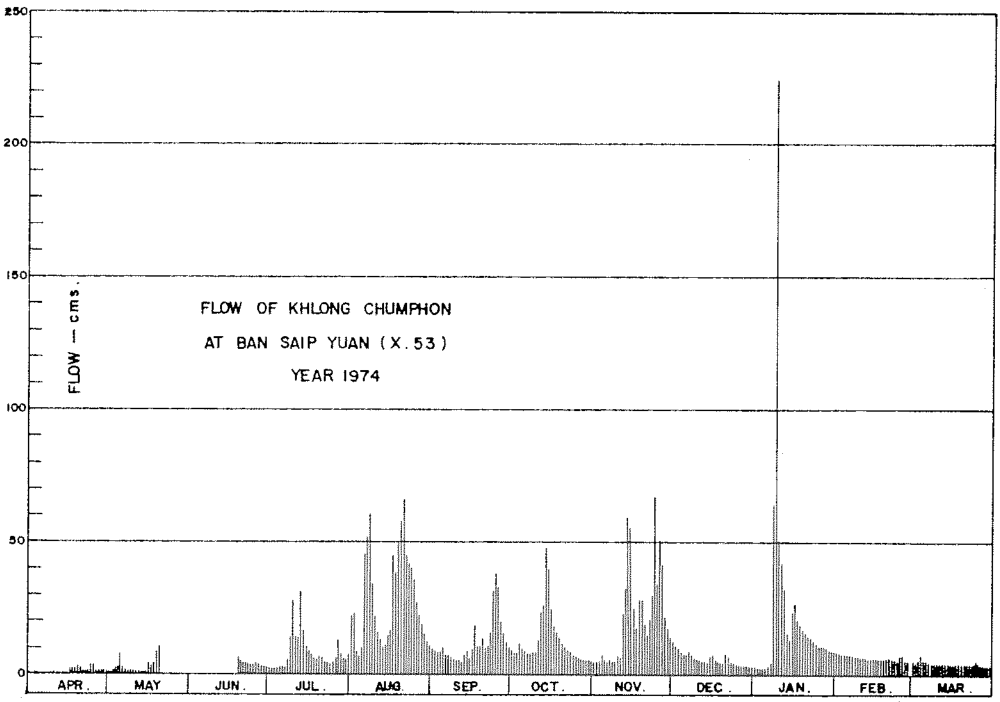
General Description: Records good. Stage-discharge relation defined by 183 discharge measurements made in 1973.

Remarks: No records for period May 21–31 and June 1–18.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.60	0.60		0.76	1.31	1.15	1.13	0.89	1.28	0.79	1.09	0.91
2	.57	.60		.75	.63	.10	.07	.92	.22	.76	.08	.90
3	.55	.72		.73	.11	.07	.07	.90	.15	.75	.06	.96
4	.54	.66		.76	0.99	.05	.25	1.03	.10	.75	.05	1.04
5	.53	1.02		.77	1.16	.20	.16	0.94	.05	.74	.04	0.94
6	0.53	0.75		0.77	2.02	0.97	1.10	0.90	1.05	0.81	1.03	0.91
7	.53	.67		.76	.41	1.02	.06	.94	.10	.90	.02	.89
8	.52	.62		.91	.61	0.98	.07	.89	.01	2.76	.01	.88
9	.52	.60		1.38	1.99	.95	.08	.94	0.98	5.23	.00	.88
10	0.52	.59		.79	.62	.93	.07	1.01	.96	2.36	0.99	.87
11	.52	0.58		1.32	1.46	0.95	1.27	0.96	0.93	2.08	0.99	0.86
12	.51	.57		.32	.30	.89	.66	1.43	.92	1.92	.98	.86
13	.51	.57		.89	.19	1.01	.74	.90	.91	.46	.97	.85
14	.51	.58		.43	.21	.13	2.31	2.57	.89	.30	.96	.84
15	.50	.58		.25	.35	0.95	.11	.46	1.01	.64	.96	.84
16	0.67	0.84		1.15	1.65	1.17	1.69	1.69	1.03	1.75	0.96	0.84
17	.71	.77		.06	2.23	.49	.49	.41	0.95	.60	.95	.84
18	.69	.83		0.98	.07	.22	.41	.81	.90	.52	.95	.84
19	.78	.99	0.97	.94	.37	.22	.32	.80	.88	.45	.98	.84
20	.72	1.15	.92	1.01	.54	.34	.24	.52	.86	.41	.97	.84
21	0.65		0.88	0.99	2.73	1.17	1.18	1.37	1.04	1.37	1.00	0.84
22	.62		.89	.92	.23	.21	.13	.49	0.97	.32	0.96	.85
23	.62		.84	.90	.16	.39	.07	.79	.91	.28	.94	.84
24	.81		.82	.86	.14	.83	.04	2.75	.88	.24	.92	.84
25	.80		.82	.87	.04	2.08	.02	1.97	.86	.22	.98	.92
26	0.65		0.90	0.90	1.80	1.94	0.98	2.38	0.84	1.21	1.04	0.83
27	.68		.83	1.28	.63	.56	.97	.16	.83	.19	0.94	.81
28	.68		.80	.07	.48	.40	.95	1.71	.82	.17	.92	.80
29	.63		.77	.00	.38	.31	.93	.49	.81	.14	–	.80
30	.60		.78	0.93	.27	.20	.95	.36	.80	.12	–	.80
31	–		–	1.03	.22	–	.91	–	.80	.10	–	.80
Mean	0.61			1.05	1.75	1.23	1.24	1.51	0.96	1.46	0.99	0.86
Max.	0.81			1.89	2.73	2.08	2.31	2.75	1.28	5.23	1.09	1.04
Min.	0.50			0.73	0.99	0.89	0.91	0.89	0.80	0.74	0.92	0.80

WATER YEAR 1974 : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.00	1.00		2.90	14	10	9.60	4.85	13	3.35	8.80	5.20
2	0.85	1.00		2.75	23	9.00	8.40	5.40	11	2.90	8.60	5.00
3	0.75	2.30		2.45	9.20	8.40	8.40	5.00	10	2.75	8.20	6.20
4	0.70	1.60		2.90	6.80	8.00	12	7.60	9.00	2.75	8.00	7.80
5	0.65	7.40		3.05	10	11	10	5.80	8.00	2.60	7.80	5.80
6	0.65	2.75		3.05	36	6.40	9.00	5.00	8.00	3.65	7.60	5.20
7	0.65	1.70		2.90	52	7.40	8.20	5.80	9.00	5.00	7.40	4.85
8	0.60	1.20		5.20	61	6.60	8.40	4.85	7.20	68	7.20	4.70
9	0.60	1.00		15	35	6.00	8.60	5.00	6.60	224	7.00	4.70
10	0.60	0.95		28	23	5.60	8.40	7.20	6.20	50	6.80	4.55
11	0.60	0.90		14	18	6.00	13	6.20	5.60	39	6.80	4.40
12	0.55	0.85		14	13	4.85	24	17	5.40	33	6.60	4.40
13	0.55	0.85		32	11	7.20	26	32	5.20	18	6.40	4.25
14	0.55	0.90		17	11	9.60	48	59	4.95	13	6.20	4.10
15	0.50	0.90		12	15	6.00	40	54	7.20	23	6.20	4.10
16	1.70	4.10		10	17	10	25	25	7.60	27	6.20	4.10
17	2.15	3.05		8.20	45	19	19	16	6.00	22	6.00	4.10
18	1.90	3.95		6.60	38	11	16	29	5.00	20	6.00	4.10
19	3.20	6.85	6.40	5.80	50	11	14	28	4.70	17	6.60	4.10
20	2.30	10	5.40	7.20	58	14	12	20	4.40	16	6.40	4.10
21	1.50		4.70	6.80	66	10	11	15	7.80	15	7.00	4.10
22	1.20		4.85	5.40	45	11	9.60	19	6.40	14	6.20	4.25
23	1.20		4.10	5.00	42	16	8.40	28	5.20	13	5.80	4.10
24	3.65		3.80	4.40	41	29	7.80	67	4.70	12	5.40	4.10
25	3.50		3.80	4.55	37	39	7.20	34	4.40	11	6.60	5.20
26	1.50		5.00	5.00	28	33	6.60	51	4.10	11	7.40	3.95
27	1.80		3.95	13	23	21	6.40	42	3.95	11	5.80	3.65
28	1.80		3.50	8.40	18	16	6.00	25	3.80	10	5.40	3.50
29	1.30		3.05	7.00	15	14	5.60	19	3.65	9.80	–	3.50
30	1.00		3.20	5.60	13	11	6.00	15	3.50	9.40	–	3.50
31	–		–	7.60	11	–	5.20	–	3.50	9.00	–	3.50
Total	39.50			267.75	885	377.05	407.80	657.70	195.05	718.25	189.80	139.10
Mean	1.32			8.64	28.5	12.6	13.1	21.9	6.29	23.1	6.78	4.49
Max.	3.65			32	66	39	48	67	13	224	8.80	7.80
Min.	0.50			2.45	6.80	4.85	5.20	4.85	3.50	2.60	5.40	3.50
Runoff – MCM.	3.413			23.134	76.464	32.577	35.234	56.825	16.852	62.057	16.407	12.018

WATER YEAR 1974 : Max. Min. Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.9.	04.00	8.15	490				

KHLONG THA TAPHAO RIVER BASIN

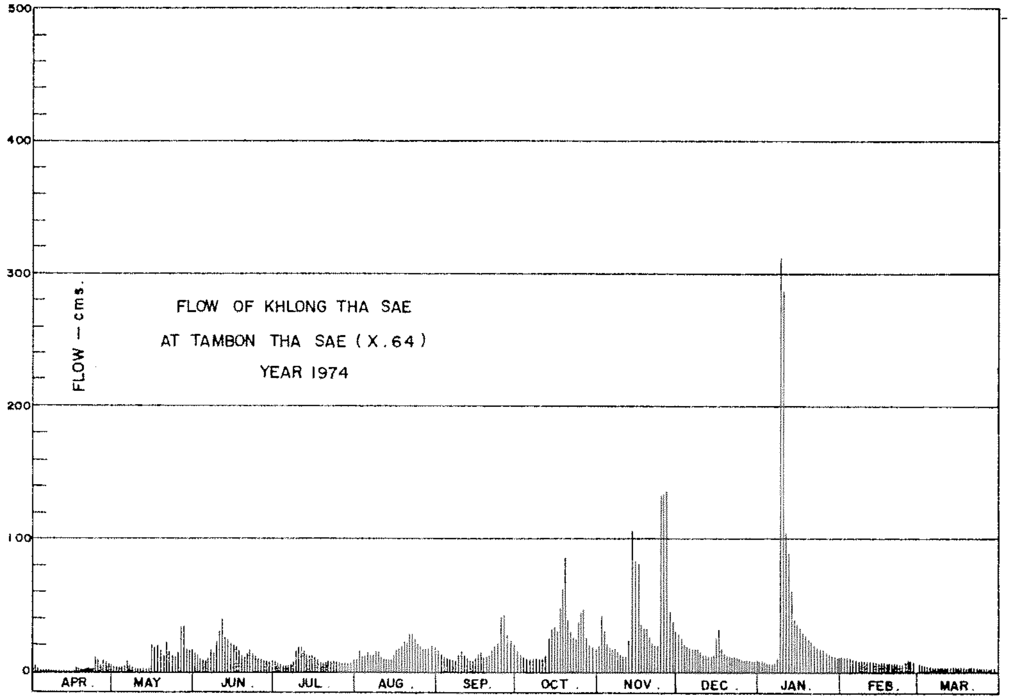
Khlong Tha Sae at Tambon Tha Sae, Chumphon (X.64)

Location:	Lat. 10°-39'-40" N., Long. 99°-10'-17" E., on left bank near the Land Cooperative Office, Tambon Ban Tha Kham, Amphoe Tha Sae, Chumphon.
Drainage Area:	957 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank near the gage site.
Elevation:	+ 1.196 m. (A.D.)
Gage Reading Frequency:	16-time daily readings at 06.00-21.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 16 readings.
Period of Available Gage Records:	1973 to date.
Rating Operation:	
Period of Rating:	1974 to date.
Rated by Float:	-
Rated by Current Meter:	1974 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 215 discharge measurements made in 1974.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.74	0.70	1.12	0.90	0.93	1.22	1.23	1.27	1.62	0.88	1.03	0.80
2	.63	.70	.02	.82	1.21	.12	.12	2.09	.54	.86	.04	.78
3	.63	.68	0.94	.80	.01	.04	.05	1.73	.44	.86	.04	.76
4	.62	.72	.90	.78	.01	.00	.00	.38	.37	.84	.00	.76
5	.62	.72	.98	.76	.16	0.96	0.96	.26	.30	.84	0.97	.76
6	0.60	0.88	1.04	0.77	1.08	0.96	0.94	1.21	1.27	0.84	0.95	0.74
7	.59	.76	.23	.72	.08	.92	.99	.28	.28	.88	.94	.74
8	.58	.69	.12	.82	.20	1.08	.96	.19	.25	1.18	.92	.74
9	.58	.66	.48	1.17	.20	.08	.98	.12	.20	6.63	.91	.74
10	.58	.62	.64	.34	.06	.14	.98	.08	.16	.62	.90	.73
11	0.58	0.61	2.06	1.35	0.99	1.06	0.96	1.05	1.11	4.64	0.89	0.73
12	.57	.61	1.56	.19	.98	.00	1.08	.39	.09	.36	.88	.72
13	.57	.63	.52	.12	.92	0.90	.50	3.06	.06	2.78	.87	.71
14	.56	.65	.40	.09	.94	.89	.80	5.76	.04	.30	.86	.70
15	.56	.68	.40	.06	1.12	.99	.83	3.86	.40	1.98	.85	.70
16	0.56	1.38	1.34	0.98	1.24	0.94	1.66	2.32	1.78	1.82	0.83	0.69
17	1.30	.28	.22	.92	.28	1.15	.88	1.90	.29	.68	.82	.69
18	0.96	.34	.12	.86	.34	.04	2.40	.78	.18	.56	.81	.69
19	.86	.16	.03	.83	.47	.04	3.18	.83	.12	.50	.82	.68
20	.87	.06	.01	.84	.37	.11	2.20	.62	.07	.48	.84	.67
21	0.82	1.44	1.18	0.88	1.62	1.06	1.74	1.46	1.06	1.40	0.84	0.67
22	.74	.12	.16	.83	.64	.24	.57	.39	.04	.33	.83	.69
23	.70	.04	.10	.90	.52	.36	.46	.34	.01	.26	.83	.69
24	1.02	.02	.02	.84	.42	.41	.84	.45	0.98	.22	.81	.68
25	0.95	.02	.00	.79	.32	2.09	2.17	3.94	.96	.19	.83	.70
26	0.77	1.43	0.96	0.82	1.26	2.02	2.22	4.82	0.95	1.16	0.96	0.69
27	.91	.88	.96	.80	.26	1.65	1.64	3.46	.94	.14	.85	.68
28	.84	.34	.90	.81	.26	.40	.42	2.40	.92	.11	.82	.66
29	.83	.18	.87	.93	.34	.48	.31	1.99	.92	.08		.66
30	.74	.22	.98	.94	.34	.42	.26	.76	.91	.04		.66
31		.22		.97	.30		.25		.90	.03		.66
Mean	0.73	0.98	1.17	0.92	1.23	1.23	1.51	2.07	1.19	1.86	0.89	0.71
Max.	1.30	1.88	2.06	1.35	1.62	2.09	3.18	5.76	1.78	6.63	1.03	0.80
Min.	0.56	0.61	0.87	0.72	0.92	0.89	0.96	1.05	0.90	0.84	0.81	0.66

WATER YEAR 1974 : Max. 6.63 m. Min. 0.50 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	5.00	4.00	14	9.00	9.75	17	17	18	28	8.50	12	6.50
2	2.60	4.00	12	7.00	17	14	14	42	26	8.00	12	6.00
3	2.60	3.60	10	6.50	12	12	13	31	23	8.00	12	5.50
4	2.40	4.50	9.00	6.00	12	11	11	21	21	7.50	11	5.50
5	2.40	4.50	11	5.50	15	10	10	18	19	7.50	11	5.50
6	2.00	8.50	12	5.75	13	10	10	17	18	* 6.25	10	5.00
7	1.80	5.50	17	4.50	13	9.50	11	18	18	* 8.50	10	5.00
8	1.60	3.80	14	7.00	16	13	10	16	18	*15	9.50	5.00
9	1.60	3.20	24	16	16	13	11	14	16	*311	9.25	5.00
10	1.60	2.40	29	20	13	15	11	13	15	*282	9.00	4.75
11	1.60	2.20	41	20	11	13	10	13	14	*101	8.75	4.75
12	1.40	2.20	26	16	11	11	13	21	14	*90	8.50	4.50
13	1.40	2.60	25	14	9.50	9.00	24	* 76	13	*59	8.25	4.25
14	1.20	3.00	21	14	10	8.75	33	*206	12	*44	8.00	4.00
15	1.20	3.60	21	13	14	11	34	* 84	21	*38	7.75	4.00
16	1.20	21	20	11	17	10	29	* 82	33	34	7.25	3.80
17	19	18	17	9.50	18	15	36	* 36	19	30	7.00	3.80
18	10	20	14	8.00	20	12	54	* 33	16	26	6.75	3.80
19	8.00	15	12	7.25	24	12	86	* 34	14	24	7.00	3.60
20	8.25	13	12	7.50	21	11	46	* 28	13	24	7.50	3.40
21	7.00	23	16	8.50	28	13	32	23	13	21	7.50	3.40
22	5.00	14	15	7.25	29	17	27	21	12	20	7.25	3.80
23	4.00	12	14	9.00	25	20	23	20	12	18	7.25	3.80
24	12	12	12	7.50	22	22	35	23	11	17	6.75	3.60
25	10	12	11	6.25	19	42	45	*134	10	16	7.25	4.00
26	5.75	22	10	7.00	18	40	47	*136	10	15	10.50	3.80
27	9.25	36	10	6.50	18	29	29	* 82	10	15	7.75	3.60
28	7.50	20	9.00	6.75	18	21	22	* 44	9.50	14	7.00	3.20
29	7.25	16	8.25	9.75	20	24	19	39	9.50	13		3.20
30	5.00	17	11	10	20	22	18	32	9.25	12		3.20
31		17		11	19		18		9.00	12		3.20
Total	149.60	345.60	477.25	297.00	528.25	487.25	798.00	1,375.00	486.25	1,305.25	243.75	132.45
Mean	4.98	11.1	15.9	9.58	17.0	16.2	25.7	45.8	15.6	42.1	8.70	4.27
Max.	19	36	41	20	29	42	86	206	33	311	12	6.50
Min.	1.20	2.20	8.25	4.50	9.50	8.75	10	13	9.00	6.25	6.75	3.20
Runoff - mcm.	12.925	29.859	41.234	25.660	45.640	42.098	68.947	118.80	42.012	112.773	21.060	11.443

WATER YEAR 1974 : Max. 311 Min. 1.20 Mean 18.1 Annual Runoff 572.456 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.9	15.00	7.59	351				

KHLONG SAO THONG RIVER BASIN

Khlong Tha Di at Ban Na Kam, Nakhon Si Thammarat (X.55)

Location: Lat. 8^0–23'–53" N., Long. 99^0–50'–15" E., on left bank about 450 meters downstream from the bridge of Karom road at Ban Na Kam, Amphoe Lan Saka, Nakhon Si Thammarat.

Drainage Area: 105 Sq.km.

Type of Gage: Staff gage.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. – H.S.

Location: BM1 near the staff gage, BM2 on right bank at abutment of the bridge.
Elevation: BM1 + 3.798 m. (A.D.), BM2 + 6.706 m. (A.D.).

Gage Reading Frequency: 6–time daily readings at 06.00, 09.00, 12.00, 15.00, 18.00 and 21.00.

Basis of Mean Daily Gage Height: Arithmetic mean of 6 readings.

Period of Available Gage Records: 1967 to date.

Rating Operation:

Period of Rating: 1967–1971.
Rated by Float: –
Rated by Current Meter: 1967–1971.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

Overbank Flow Conditions: No overbank flow.

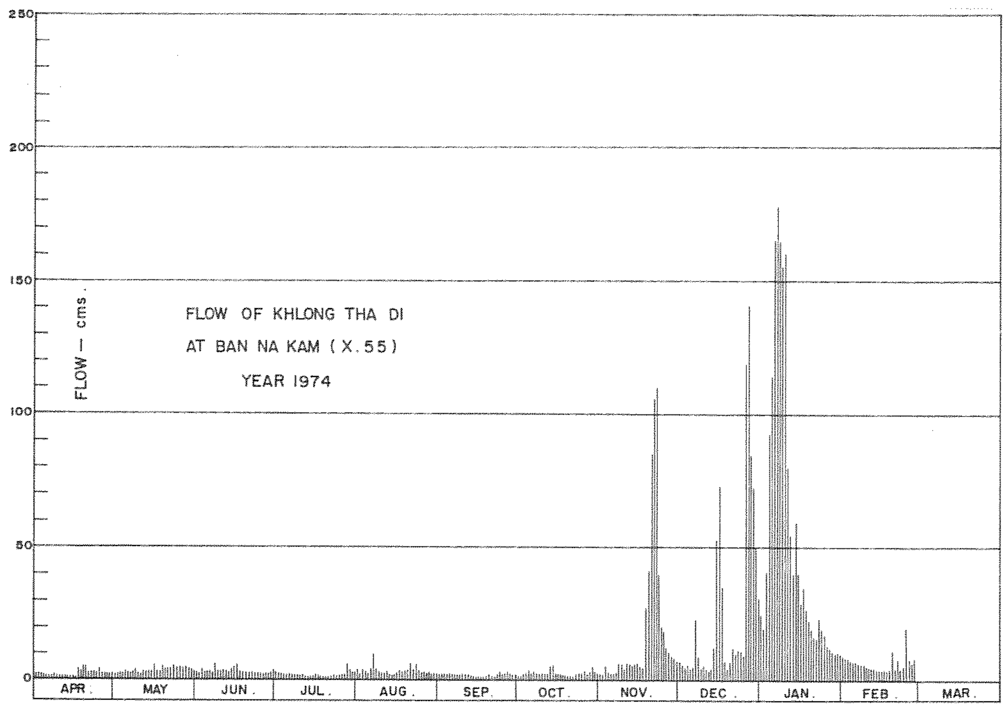
General Description: Records good. Stage–discharge relation defined by 178 discharge measurements made in 1971.

Remarks: No gage–height records on period March 1–31.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.45	0.44	0.50	0.47	0.57	0.44	0.40	0.46	0.75	1.48	0.84	
2	.43	.46	.47	.46	.46	.44	.39	.43	.67	.30	.81	
3	.43	.46	.57	.45	.56	.44	.42	.64	.62	.98	.78	
4	.42	.48	.49	.44	.54	.45	.44	.48	.68	3.55	.75	
5	.41	.49	.50	.44	.48	.45	.55	.46	.59	4.09	.73	
6	0.41	0.49	0.50	0.43	0.54	0.44	0.47	0.46	0.63	5.25	0.72	
7	.40	.45	.48	.43	.87	.43	.51	.48	1.40	.51	.70	
8	.42	.51	.69	.42	.58	.42	.45	.69	0.87	.23	.68	
9	.40	.55	.49	.42	.53	.43	.48	.67	.59	.03	.65	
10	.39	.48	.51	.41	.48	.46	.48	.56	.66	.14	.62	
11	0.39	0.48	0.54	0.44	0.45	0.44	0.46	0.72	0.59	3.20	0.60	
12	.38	.53	.52	.41	.49	.43	.45	.69	.54	2.40	.59	
13	.37	.52	.51	.40	.45	.42	.61	.66	.59	.00	.57	
14	.37	.52	.51	.40	.43	.41	.63	.69	.96	.59	.56	
15	.36	.49	.56	.39	.43	.41	.48	.72	2.42	1.97	.56	
16	0.36	0.66	0.65	0.44	0.48	0.40	0.45	0.62	3.00	1.62	0.55	
17	.57	.51	.54	.42	.55	.40	.44	.60	1.83	.84	.55	
18	.54	.48	.51	.41	.51	.39	.43	1.56	0.77	.56	.54	
19	.65	.63	.49	.40	.51	.41	.42	2.04	.59	.42	.58	
20	.62	.56	.48	.40	.55	.42	.41	3.33	.67	.27	.92	
21	0.48	0.61	0.48	0.39	0.68	0.41	0.41	3.91	1.03	1.12	0.57	
22	.51	.58	.50	.39	.58	.39	.40	4.01	0.89	.15	.79	
23	.49	.63	.48	.43	.68	.45	.45	2.02	.95	.40	.56	
24	.48	.60	.48	.41	.56	.49	.49	1.30	1.33	.25	.65	
25	.57	.60	.48	.42	.48	.45	.46	.27	.24	.17	1.27	
26	0.48	0.60	0.47	0.39	0.54	0.46	0.54	1.01	4.22	1.02	0.81	
27	.47	.56	.46	.45	.45	.51	.46	0.93	.72	0.95	.71	
28	.46	.64	.46	.67	.49	.47	.50	.85	3.35	.91	.79	
29	.45	.60	.45	.61	.45	.46	.63	.82	.10	.89	–	
30	.44	.57	.56	.51	.45	.43	.50	.73	2.30	.91	–	
31	–	.50	–	.50	.44	–	.44	–	1.68	.89	–	
Mean	0.45	0.53	0.51	0.44	0.52	0.43	0.47	1.12	1.42	2.22	0.69	
Max.	0.57	0.66	0.69	0.67	0.87	0.51	0.63	4.01	4.72	5.51	1.27	
Min.	0.36	0.44	0.45	0.39	0.43	0.39	0.39	0.43	0.54	0.89	0.54	

WATER YEAR 1974 : Max. 5.51 m. Min. 0.36 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	2.50	2.36	3.20	2.78	4.32	2.36	1.80	2.64	7.55	25	9.34	
2	2.22	2.64	2.78	2.64	2.64	2.36	1.70	2.22	6.06	20	8.71	
3	2.22	2.64	4.32	2.50	4.16	2.36	2.08	5.52	5.16	40	8.12	
4	2.08	2.92	3.06	2.36	3.84	2.50	2.36	2.92	6.24	93	7.55	
5	1.94	3.06	3.20	2.36	2.92	2.50	4.00	2.64	4.64	114	7.17	
6	1.94	3.06	3.20	2.22	3.84	2.36	2.78	2.64	5.34	165	6.98	
7	1.80	2.50	2.92	2.22	10	2.22	3.36	2.92	23	178	6.60	
8	2.08	3.36	6.42	2.08	4.48	2.08	2.50	6.42	10	164	6.24	
9	1.80	4.00	3.06	2.08	3.68	2.22	2.92	6.06	4.64	155	5.70	
10	1.70	2.92	3.36	1.94	2.92	2.64	2.92	4.16	5.88	160	5.16	
11	1.70	2.92	3.84	2.36	2.50	2.36	2.64	6.78	4.64	80	4.80	
12	1.60	3.68	3.52	1.94	3.06	2.22	2.50	6.42	3.84	52	4.64	
13	1.50	3.52	3.36	1.80	2.50	2.08	4.98	5.88	4.64	40	4.32	
14	1.50	3.52	3.36	1.80	2.22	1.94	5.34	6.42	12	59	4.16	
15	1.40	3.06	4.16	1.70	2.22	1.94	2.92	6.98	53	39	4.16	
16	1.40	5.88	5.70	2.36	2.92	1.80	2.50	5.16	73	29	4.00	
17	4.32	3.36	3.84	2.08	4.00	1.80	2.36	4.80	35	35	4.00	
18	3.84	2.92	3.36	1.94	3.36	1.70	2.22	27	7.93	27	3.84	
19	5.70	5.34	3.06	1.80	3.36	1.94	2.08	41	4.64	23	4.48	
20	5.16	4.16	2.92	1.80	4.00	2.08	1.94	84	6.06	20	11	
21	2.92	4.98	2.92	1.70	6.24	1.94	1.94	106	13	16	4.32	
22	3.36	4.48	3.20	1.70	4.48	1.70	1.80	110	10	16	8.31	
23	3.06	5.34	2.92	2.22	6.24	2.50	2.50	41	12	23	4.16	
24	2.92	4.80	2.92	1.94	4.16	3.06	3.06	20	21	19	5.70	
25	4.32	4.80	2.92	2.08	2.92	2.50	2.64	19	19	17	20	
26	2.92	4.80	2.78	1.70	3.84	2.64	3.84	13	119	13	8.71	
27	2.78	4.16	2.64	2.50	2.50	3.36	2.64	11	141	12	6.79	
28	2.64	5.52	2.64	6.06	3.06	2.78	3.20	9.55	85	11	8.31	
29	2.50	4.80	2.50	4.98	2.50	2.64	5.34	8.92	76	10	–	
30	2.36	4.32	4.16	3.36	2.50	2.22	3.20	7.17	49	11	–	
31	–	3.20	–	3.20	2.36	–	2.36	–	31	10	–	
Total	78.18	119.02	102.24	74.20	113.74	68.80	88.42	578.22	859.26	1,676	187.27	
Mean	2.61	3.84	3.41	2.39	3.67	2.29	2.85	19.3	27.7	54.1	6.69	
Max.	4.32	5.88	6.42	6.06	10	3.36	5.34	110	141	178	20	
Min.	1.40	2.36	2.50	1.70	2.22	1.70	1.70	2.22	3.84	10	3.84	
Runoff – mcm.	6.755	10.283	8.833	6.411	9.827	5.944	7.639	49.958	74.240	144.806	16.180	

WATER YEAR 1974 : Max. 178 Min. 1.40 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 7, 75		5.92	197				

KHLONG BAN TAN RIVER BASIN

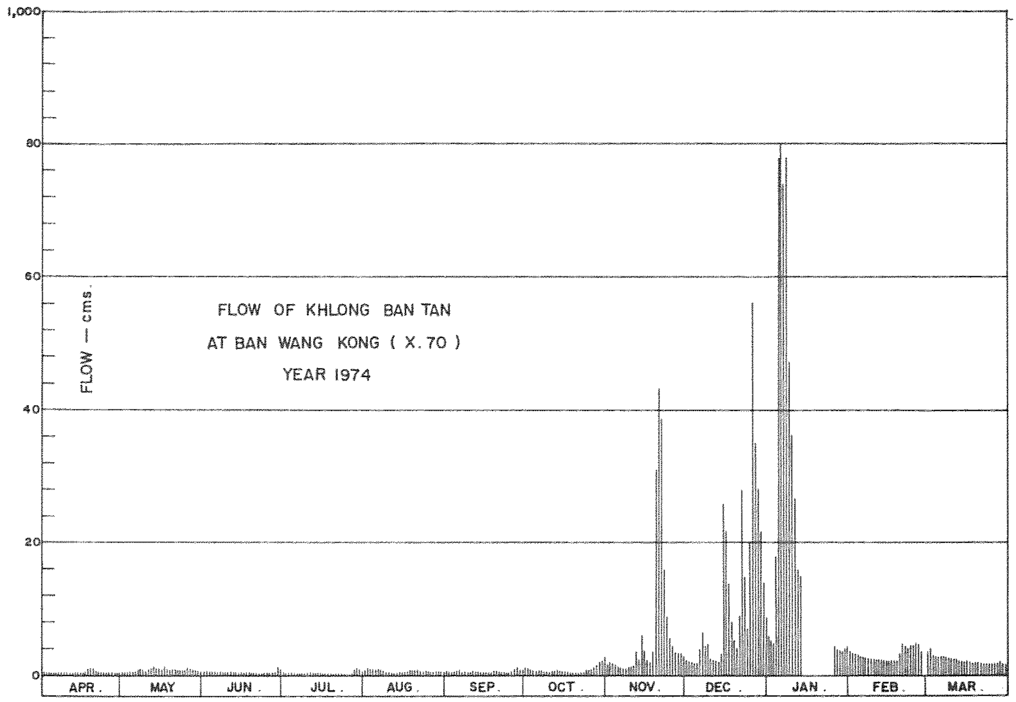
Khlong Ban Tan at Ban Wang Kong, Nakhon Si Thammarat (X.70)

Location:	Lat. 8^{0}-25'-35" N., Long. 99^{0}-51'-53" E., on right bank downstream side of the bridge on Nakhon Si Thammarat, Amphoe Muang, Nakhon Si Thammarat.
Drainage Area:	39 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	about 5 meters east of the top gage.
Elevation:	+ 7.247 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1971.
Rated by Float:	-
Rated by Current Meter:	1967-1971.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 461 discharge measurements made during 1967-1971.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.22	0.20	0.28	0.23	0.33	0.24	0.44	0.49	0.63	1.15	0.81	0.81
2	.20	.20	.27	.22	.41	.23	.39	.54	.58	.05	.78	.87
3	.20	.23	.26	.21	.35	.25	.32	.43	.56	0.99	.77	.73
4	.20	.28	.26	.20	.36	.23	.29	.43	.54	2.38	.75	.71
5	.19	.23	.25	.22	.33	.27	.27	.41	.53	6.04	.73	.71
6	0.19	0.24	0.25	0.21	0.37	0.29	0.31	0.38	0.86	6.14	0.71	0.70
7	.19	.34	.26	.19	.30	.26	.29	.37	1.20	5.79	.68	.70
8	.19	.34	.24	.18	.26	.28	.28	.36	0.95	6.02	.67	.69
9	.18	.28	.25	.18	.25	.26	.26	.44	.75	4.37	.66	.68
10	.18	.25	.24	.17	.19	.24	.26	.42	.67	3.71	.65	.67
11	0.18	0.34	0.23	0.23	0.18	0.29	0.27	0.50	0.62	3.01	0.64	0.65
12	.18	.35	.24	.22	.18	.26	.31	.82	.58	2.20	.63	.63
13	.18	.42	.23	.21	.19	.25	.35	.64	.58	.15	.62	.60
14	.18	.32	.23	.21	.25	.23	.30	1.14	.75		.62	.58
15	.17	.37	.24	.20	.23	.22	.28	0.85	3.04		.61	.58
16	0.17	0.32	0.23	0.19	0.23	0.21	0.26	0.61	2.73		0.61	0.61
17	.24	.42	.22	.19	.24	.21	.25	.54	.04		.61	.58
18	.33	.31	.21	.18	.30	.28	.24	.81	1.38		.60	.57
19	.37	.30	.20	.18	.29	.30	.24	1.90	.04		.59	.56
20	.35	.33	.19	.18	.30	.27	.23	3.36	0.85		.79	.54
21	0.26	0.35	0.18	0.17	0.29	0.27	0.23	4.11	1.61		0.98	0.54
22	.24	.33	.20	.17	.28	.26	.22	3.89	3.18		.94	.53
23	.22	.31	.20	.16	.27	.25	.25	2.22	2.13		.89	.52
24	.26	.31	.20	.16	.30	.26	.34	1.48	1.27		.82	.51
25	.24	.33	.26	.16	.28	.25	.30	.10	2.58		.82	.50
26	0.23	0.41	0.24	0.15	0.27	0.28	0.35	0.94	4.84	0.93	1.01	0.53
27	.22	.32	.23	.15	.27	.30	.38	.83	3.66	.88	0.92	.52
28	.21	.33	.22	.32	.27	.38	.48	.79	2.96	.84	.83	.52
29	.21	.32	.39	.37	.26	.33	.55	.78	.70	.83		.51
30	.20	.30	.31	.27	.26	.32	.59	.71	.06	.90		.50
31		.28		.26	.25		.69		1.47	.81		.49
Mean	0.21	0.31	0.24	0.20	0.27	0.26	0.33	1.07	1.59		0.74	0.61
Max.	0.37	0.42	0.39	0.37	0.41	0.38	0.69	4.11	4.84	6.14	1.01	0.87
Min.	0.17	0.20	0.18	0.15	0.18	0.21	0.22	0.36	0.53	0.81	0.60	0.49

WATER YEAR 1974 : Max. 6.14 m. Min. 0.15 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.53	0.45	0.77	0.57	0.98	0.61	1.50	1.75	2.53	6.25	3.72	3.72
2	0.45	0.45	0.73	0.53	1.35	0.57	1.25	2.02	2.24	5.47	3.51	4.14
3	0.45	0.57	0.69	0.49	1.07	0.65	0.94	1.45	2.13	5.02	3.44	3.16
4	0.45	0.77	0.69	0.45	1.12	0.57	0.81	1.45	2.02	18	3.30	3.02
5	0.42	0.57	0.65	0.53	0.98	0.73	0.73	1.35	1.96	78	3.16	3.02
6	0.42	0.61	0.65	0.49	1.16	0.81	0.89	1.21	4.07	80	3.02	2.95
7	0.42	1.03	0.69	0.42	0.85	0.69	0.81	1.16	6.65	73	2.83	2.95
8	0.42	1.03	0.61	0.40	0.69	0.77	0.77	1.12	4.72	78	2.77	2.89
9	0.40	0.77	0.65	0.40	0.65	0.69	0.69	1.50	3.30	47	2.71	2.83
10	0.40	0.65	0.61	0.37	0.42	0.61	0.69	1.40	2.77	36	2.65	2.77
11	0.40	1.03	0.57	0.57	0.40	0.81	0.73	1.80	2.47	26	2.59	2.65
12	0.40	1.07	0.61	0.53	0.40	0.69	0.89	3.79	2.24	16	2.53	2.53
13	0.40	1.40	0.57	0.49	0.42	0.65	1.03	2.59	2.24	15	2.47	2.35
14	0.40	0.94	0.57	0.49	0.65	0.57	0.85	6.17	3.30		2.47	2.24
15	0.37	1.16	0.61	0.45	0.57	0.53	0.77	4.00	26		2.41	2.24
16	0.37	0.94	0.57	0.42	0.57	0.49	0.69	2.41	22		2.41	2.41
17	0.61	1.40	0.53	0.42	0.61	0.49	0.65	2.02	14		2.41	2.24
18	0.98	0.89	0.49	0.40	0.85	0.77	0.61	3.72	8.18		2.35	2.18
19	1.16	0.85	0.45	0.40	0.81	0.85	0.61	13	5.40		2.29	2.13
20	1.07	0.98	0.42	0.40	0.85	0.73	0.57	31	4.00		3.58	2.02
21	0.69	1.07	0.40	0.37	0.81	0.73	0.57	43	10		4.95	2.02
22	0.61	0.98	0.45	0.37	0.77	0.69	0.53	39	28		4.65	1.96
23	0.53	0.89	0.45	0.35	0.73	0.65	0.65	16	15		4.28	1.91
24	0.69	0.89	0.45	0.35	0.85	0.69	1.03	9.07	7.24		3.79	1.85
25	0.61	0.98	0.69	0.35	0.77	0.65	0.85	5.85	20		3.79	1.83
26	0.57	1.35	0.61	0.32	0.73	0.77	1.07	4.65	56	4.57	5.17	1.96
27	0.53	0.94	0.57	0.32	0.73	0.85	1.21	3.86	35	4.21	4.50	1.91
28	0.49	0.98	0.53	0.94	0.73	1.21	1.70	3.58	25	3.93	3.86	1.91
29	0.49	0.94	1.25	1.16	0.69	0.98	2.07	3.51	22	3.86		1.85
30	0.45	0.85	0.89	0.73	0.69	0.89	2.29	3.02	15	4.35		1.83
31		0.77		0.69	0.65		2.89		8.98	3.72		1.75
Total	16.18	28.20	18.42	15.17	23.55	21.39	31.34	216.45	364.44		91.61	75.22
Mean	0.539	0.910	0.614	0.489	0.759	0.710	1.01	7.215	11.77		3.27	2.43
Max.	1.16	1.40	1.25	1.16	1.35	1.21	2.89	43	56	80	5.17	4.14
Min.	0.37	0.45	0.40	0.32	0.40	0.49	0.53	1.12	1.96	3.72	2.35	1.75
Runoff - mcm.	1.398	2.436	1.591	1.311	2.035	1.840	2.708	18.701	31.488		7.915	6.499

WATER YEAR 1974 : Max. 80 Min. 0.32 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.6	03.00	6.88	95				

TRANG RIVER BASIN

Trang River at Ban Pradu Tai, Trang (X.56)

Location: Lat. 7°-45'-45" N., Long. 99°-32'-25" E., on left bank about 200 meters at left side from Huai Yat - Krabi highway, 16 kilometers from Amphoe Huai Yat, Trang.

Drainage Area: 1,801 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: on left bank near the camp of gaging station X56.
Elevation: + 8.855 m. (A.D.)

Gage Reading Frequency: Recording

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1966 to date.

Rating Operation:

Period of Rating: 1966-1968.
Rated by Float: -
Rated by Current Meter: 1966-1968.

Stability of Channel Regimes: Stable, no shifting adjustment for flow computation.

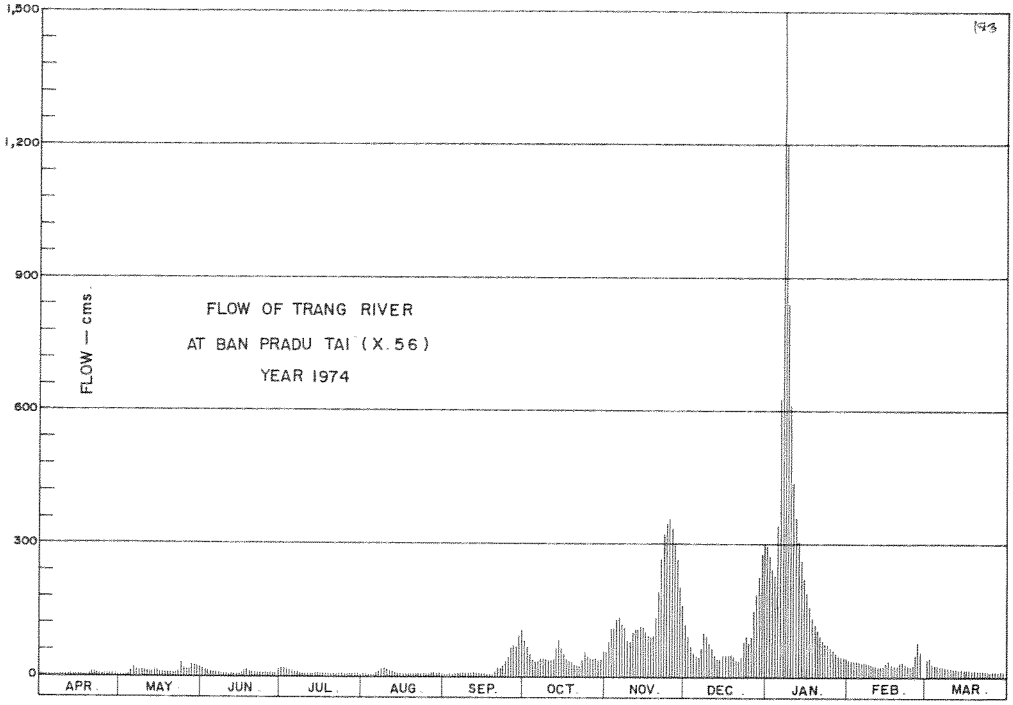
Overbank Flow Conditions: Overbank flow starts at elevation + 9.05 m. (A.D.) and is included.

General Description: Records fair. Stage-discharge relation defined by 510 discharge measurements made during 1966-1968.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.48	1.53	2.15	2.38	1.69	1.62	4.59	3.73	5.48	8.02	3.20	3.11
2	.47	.50	.03	.29	.67	.59	.06	4.40	4.80	7.86	.15	2.85
3	.45	.49	1.95	.19	.65	.58	3.52	5.24	.21	.61	.07	.68
4	.45	.59	.86	.06	.64	.67	.09	.33	3.76	.23	.00	.61
5	.44	.92	.80	1.96	.68	.74	2.96	.75	.44	8.32	2.93	.60
6	1.44	2.28	1.74	1.84	1.82	1.79	2.96	5.88	3.25	9.85	2.90	2.58
7	.43	.05	.70	.80	2.00	.78	3.17	.56	4.01	11.35	.81	.49
8	.43	1.98	.67	.74	.18	.81	.17	.30	.98	10.93	.77	.46
9	.44	2.10	.67	.69	.34	.85	.16	4.50	.83	9.98	.73	.41
10	.43	1.96	.67	.67	.26	.87	.07	.40	.36	.25	.66	.39
11	1.42	1.99	1.68	1.68	2.07	1.86	3.02	4.90	4.04	8.71	2.60	2.33
12	.41	.89	.68	.78	1.93	.84	.02	5.30	3.53	.33	.56	.28
13	.41	.89	.66	.79	.83	.82	.91	.22	.30	.06	.53	.23
14	.39	2.13	.65	.81	.76	.83	4.49	.43	.20	7.80	.53	.20
15	.39	.00	.65	.86	.70	.81	3.94	.37	.48	.45	.73	.17
16	1.38	1.85	1.76	1.82	1.66	1.79	3.41	5.10	3.48	6.95	2.98	2.15
17	.38	.77	2.02	.75	.67	.77	.13	4.85	.47	.43	.68	.12
18	.46	.76	.06	.67	.69	.76	2.98	.70	.58	5.88	.55	.10
19	.60	.80	1.91	.65	.69	.79	.86	.83	.41	.56	.51	.10
20	.74	.84	.82	.61	.64	.95	.72	5.88	.15	.18	.77	.10
21	1.87	1.87	1.74	1.63	1.64	2.48	2.56	6.91	2.98	4.80	2.91	2.08
22	.77	.85	.70	.65	.68	.37	.55	7.84	3.35	.49	.72	.05
23	.65	2.16	.70	.66	.70	.64	3.15	8.17	4.49	.35	.62	.03
24	.63	.76	.69	.66	.71	.96	.68	.30	.75	.22	.54	.02
25	.59	.26	.68	.67	.73	3.40	.36	.37	.37	.03	.56	.01
26	1.61	2.11	1.72	1.70	1.76	4.05	3.18	8.26	4.91	3.81	3.45	2.02
27	.66	.19	.80	.68	.81	.18	.17	.05	6.18	.68	4 29	.00
28	.64	.66	.77	.71	.78	.02	.27	7.76	.93	.55	3.74	1.97
29	.62	.55	.73	.73	.76	.83	.11	.24	7.51	.44		.95
30	.57	.45	2.09	.74	.69	5.22	.14	6.41	.91	.37		.93
31		.34		.73	.65		.62		8.06	.32		.91
Mean	1.52	2.02	1.79	1.79	1.79	2.39	3.29	5.97	4.49	6.57	2.87	2.25
Max.	1.87	2.76	2.15	2.38	2.34	5.22	4.59	8.37	8.06	11.35	4.29	3.11
Min.	1.38	1.49	1.65	1.61	1.64	1.58	2.96	3.73	2.98	3.32	2.51	1.91

WATER YEAR 1974 : Max. 11.35 m. Min. 1.38 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.70	5.45	17	22	7.85	6.80	86	58	118	295	42	40
2	4.55	5.00	15	20	7.55	6.35	68	79	93	273	41	34
3	4.25	4.85	13	18	7.25	6.20	52	109	73	243	39	29
4	4.25	6.35	11	15	7.10	7.55	40	112	59	209	37	28
5	4.10	12	10	13	7.70	8.80	36	129	50	348	36	27
6	4.10	20	8.80	11	10	9.80	36	134	44	789	35	27
7	3.95	15	8.00	10	14	9.60	42	121	67	1,495	33	25
8	3.95	14	7.55	8.80	18	10	42	111	100	1,278	32	24
9	4.10	16	7.55	7.85	21	11	41	83	94	841	31	23
10	3.95	13	7.55	7.55	19	11	39	79	78	589	29	22
11	3.80	14	7.70	7.70	15	11	38	97	68	437	27	21
12	3.65	12	7.70	9.60	13	11	38	111	52	350	26	20
13	3.65	12	7.40	9.80	11	10	64	108	45	302	26	19
14	3.40	17	7.25	10	9.20	11	83	116	42	265	26	18
15	3.40	14	7.25	11	8.00	10	65	114	51	227	31	17
16	3.30	11	9.20	10	7.40	9.80	49	104	51	189	37	17
17	3.30	9.40	14	9.00	7.55	9.40	41	95	51	160	29	16
18	4.40	9.20	15	7.55	7.85	9.20	37	90	54	134	26	16
19	6.50	10	12	7.25	7.85	9.80	34	94	49	121	25	16
20	8.80	11	10	6.65	7.10	13	30	134	41	107	32	16
21	11	11	8.80	6.95	7.10	24	26	187	37	93	35	16
22	9.40	11	8.00	7.25	7.70	22	26	270	47	83	30	15
23	7.25	17	8.00	7.40	8.00	28	41	321	83	78	28	15
24	6.95	31	7.85	7.40	8.20	36	57	344	92	73	26	14
25	6.35	19	7.70	7.55	8.60	48	47	358	78	67	26	14
26	6.65	16	8.40	8.00	9.20	68	42	337	97	61	50	14
27	7.40	18	10	7.70	10	72	42	300	148	57	76	14
28	7.10	29	9.40	8.20	9.60	67	45	260	188	53	59	13
29	6.80	26	8.60	8.60	9.20	94	40	210	233	50		13
30	6.05	24	16	8.80	7.85	108	41	159	279	48		13
31		21		8.60	7.25		55		302	46		12
Total	161.05	454.25	295.70	308.20	306.10	758.30	1,423	4,824	2,864	9,361	970	608
Mean	5.37	14.6	9.86	9.94	9.87	25.3	45.9	161	92.4	302	34.6	19.6
Max.	11	31	17	22	21	108	86	358	302	1,495	76	40
Min.	3.30	4.85	7.25	6.65	7.10	6.20	36	58	37	46	25	12
Runoff - mcm.	13.915	39.247	25.548	26.628	26.447	65.517	122.947	416.794	247.450	808.790	83.808	52.531

WATER YEAR 1974 : Max. 1,495 Min. 3.30 Mean 61.2 Annual Runoff 1,929.623 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 7	14.00	11.50	1,576				

KHLONG THA KHAE RIVER BASIN

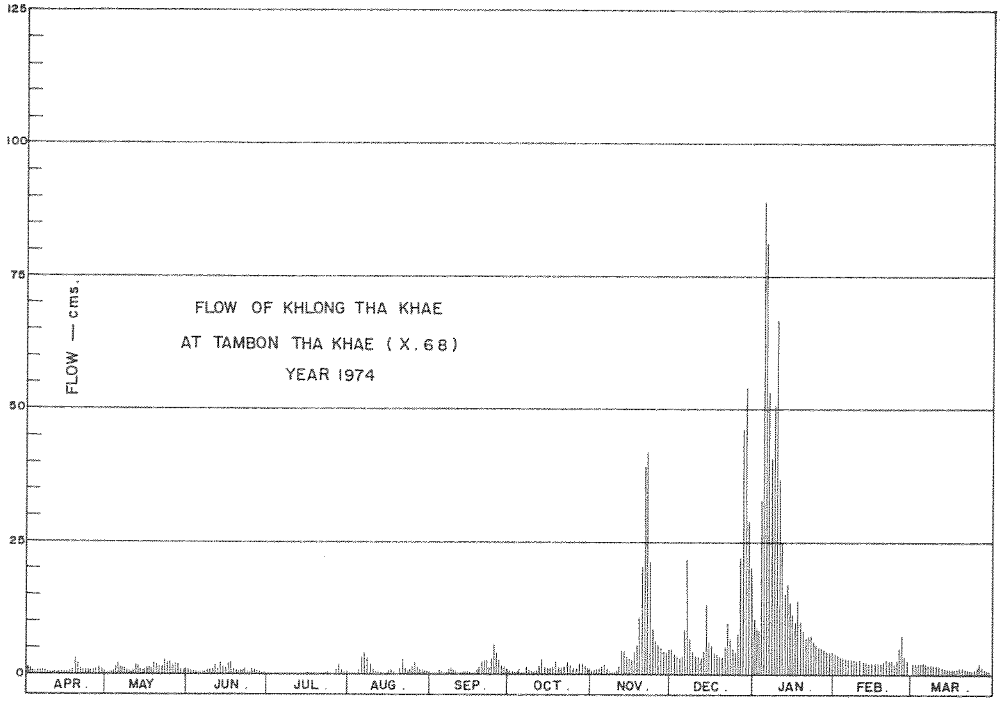
Khlong Tha Khae at Tambon Tha Khae, Phatthalung (X.68)

Location:	Lat. 7°-34'-01" N., Long. 100°-03'-05" E., on left bank downstream side of the bridge on Phatthalung - Hat Yai highway, at Tambon Tha Khae, Amphoe Muang, Phatthalung.
Drainage Area:	298 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on right bank about 15 meters from the highway bridge.
Elevation:	+ 4.659 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1972.
Rated by Float:	-
Rated by Current Meter:	1967-1972.
Stability of Channel Regimes:	Fairly stable by some scouring, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 258 discharge measurements made during 1967-1972.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.62	0.41	0.51	0.38	0.31	0.33	0.44	0.45	1.03	1.78	0.96	0.77
2	.56	.40	.48	.36	.30	.32	.40	.55	0.96	.43	.95	.74
3	.36	.40	.45	.36	.28	.32	.40	.48	.92	.31	.92	.73
4	.50	.59	.44	.35	.28	.48	.56	.56	.89	2.36	.90	.75
5	.48	.70	.42	.34	.68	.44	.41	.67	.85	4.43	.88	.75
6	0.46	0.64	0.41	0.34	0.97	0.42	0.40	0.69	1.22	4.21	0.87	0.72
7	.45	.58	.42	.33	.90	.41	.63	.53	2.20	3.06	.85	.70
8	.44	.58	.49	.33	.78	.52	.53	.49	1.23	2.97	.84	.70
9	.43	.53	.53	.32	.62	.59	.53	.49	.02	3.24	.82	.69
10	.40	.44	.54	.33	.47	.46	.52	.51	0.95	.85	.81	.66
11	0.40	0.42	0.69	0.35	0.43	0.42	0.52	0.56	0.91	2.68	0.80	0.64
12	.42	.66	.52	.36	.44	.42	.65	1.02	.88	.34	.78	.63
13	.47	.65	.76	.37	.36	.43	.82	.01	.87	1.83	.77	.62
14	.45	.58	.64	.36	.33	.45	.67	0.90	1.71	.91	.76	.61
15	.41	.51	.56	.33	.40	.47	.59	.87	.22	.71	.76	.60
16	0.40	0.56	0.69	0.35	0.48	0.40	0.60	0.82	1.15	1.56	0.75	0.59
17	.49	.60	.77	.33	.52	.38	.60	.99	.01	.46	.73	.59
18	.56	.54	.52	.30	.39	.49	.78	1.09	0.95	.77	.71	.62
19	.85	.70	.51	.29	.35	.63	.64	.51	.90	.50	.73	.64
20	.70	.66	.48	.31	.50	.71	.61	.91	.88	.34	.86	.60
21	0.56	0.63	0.45	0.31	0.81	0.79	0.58	2.93	0.97	1.25	0.78	0.60
22	.49	.58	.56	.29	.60	.80	.69	3.04	1.50	.29	.82	.58
23	.47	.77	.46	.29	.53	.59	.76	2.13	.25	.29	.73	.56
24	.45	.70	.42	.43	.54	.89	.65	1.39	.04	.19	.71	.56
25	.51	.78	.58	.34	.66	1.14	.61	.23	.00	.13	.92	.55
26	0.56	0.67	0.56	0.34	0.75	0.93	0.58	1.15	1.29	1.09	1.30	0.76
27	.51	.71	.47	.57	.59	.74	.65	.09	2.02	.06	0.94	.60
28	.62	.70	.44	.71	.55	.65	.73	.02	3.06	.03	.83	.55
29	.52	.55	.40	.43	.50	.61	.68	.00	.44	.01		.53
30	.45	.55	.39	.42	.49	.52	.60	.04	2.51	.00		.53
31		.54		.36	.43		.58		.12	.00		.52
Mean	0.50	0.59	0.52	0.36	0.52	0.56	0.59	1.07	1.35	1.90	0.84	0.63
Max.	0.85	0.78	0.77	0.71	0.97	1.14	0.82	3.04	3.44	4.43	1.30	0.77
Min.	0.36	0.40	0.39	0.29	0.28	0.32	0.40	0.45	0.85	1.00	0.71	0.52

WATER YEAR 1974 : Max. 4.43 m. Min. 0.28 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.44	0.44	0.85	0.36	0.22	0.26	0.56	0.60	4.70	14	4.04	2.49
2	1.10	0.40	0.72	0.32	0.20	0.24	0.40	1.05	4.04	9.29	3.95	2.28
3	0.32	0.40	0.60	0.32	0.17	0.24	0.40	0.72	3.68	7.73	3.68	2.21
4	0.80	1.25	0.56	0.30	0.17	0.72	1.10	1.10	3.42	25	3.50	2.35
5	0.72	2.00	0.48	0.28	1.86	0.56	0.44	1.79	3.10	89	3.34	2.35
6	0.64	1.58	0.44	0.28	4.13	0.48	0.40	1.93	6.64	80	3.26	2.14
7	0.60	1.20	0.48	0.26	3.50	0.44	1.51	0.95	22	43	3.10	2.00
8	0.56	1.20	0.76	0.26	2.56	0.90	0.95	0.76	6.76	40	3.02	2.00
9	0.52	0.95	0.95	0.24	1.44	1.25	0.95	0.76	4.60	48	2.86	1.93
10	0.40	0.56	1.00	0.26	0.68	0.64	0.90	0.85	3.95	67	2.78	1.72
11	0.40	0.48	1.93	0.30	0.52	0.48	0.90	1.10	3.59	33	2.70	1.58
12	0.48	1.72	0.90	0.32	0.56	0.48	1.65	4.60	3.34	25	2.56	1.51
13	0.68	1.65	2.42	0.34	0.32	0.52	2.86	4.50	3.26	15	2.49	1.44
14	0.60	1.20	1.58	0.32	0.26	0.60	1.79	3.50	13	17	2.42	1.37
15	0.44	0.85	1.10	0.26	0.40	0.68	1.25	3.26	6.64	13	2.42	1.30
16	0.40	1.10	1.93	0.30	0.72	0.40	1.30	2.86	5.90	11	2.35	1.25
17	0.76	1.30	2.49	0.26	0.90	0.36	1.30	4.31	4.50	9.68	2.21	1.25
18	1.10	1.00	0.90	0.20	0.38	0.76	2.56	5.30	3.95	14	2.07	1.44
19	3.10	2.00	0.85	0.18	0.30	1.51	1.58	10	3.50	10	2.21	1.58
20	2.00	1.72	0.72	0.22	0.80	2.07	1.37	17	3.34	8.12	3.18	1.30
21	1.10	1.51	0.60	0.22	2.78	2.63	1.20	39	4.13	7.00	2.56	1.30
22	0.76	1.20	1.10	0.18	1.30	2.70	1.93	42	10	7.48	2.86	1.20
23	0.68	2.49	0.64	0.18	0.95	1.25	2.42	21	7.00	7.48	2.21	1.10
24	0.60	2.00	0.48	0.52	1.00	3.42	1.65	8.77	4.80	6.30	2.07	1.10
25	0.85	2.56	1.20	0.28	1.72	5.80	1.37	6.76	4.40	5.70	3.68	1.05
26	1.10	1.79	1.10	0.28	2.35	3.77	1.20	5.90	7.48	5.30	7.60	2.42
27	0.85	2.07	0.66	1.15	1.25	2.28	1.65	5.30	19	5.00	3.86	1.30
28	1.44	2.00	0.56	2.07	1.05	1.65	2.21	4.60	43	4.70	2.94	1.05
29	0.90	1.05	0.40	0.52	0.80	1.37	1.86	4.40	54	4.50		0.95
30	0.60	1.05	0.38	0.48	0.76	0.90	1.30	4.80	29	4.40		0.95
31		1.00		0.32	0.52		1.20		21	4.40		0.90
Total	25.94	41.72	28.80	11.78	34.57	39.36	42.16	209.47	317.72	641.08	85.92	48.81
Mean	0.86	1.34	0.96	0.38	1.11	1.31	1.36	6.98	10.2	20.7	3.07	1.57
Max.	3.10	2.56	2.49	2.07	4.13	5.80	2.86	42	54	89	7.60	2.49
Min.	0.32	0.40	0.38	0.18	0.17	0.24	0.40	0.60	3.10	4.40	2.07	0.90
Runoff - mcm.	2.241	3.605	2.488	1.018	2.987	3.401	3.643	18.098	27.451	55.389	7.423	4.217

WATER YEAR 1974 : Max. 89 Min. 0.17 Mean 4.18 Annual Runoff 131.961 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
June 5	09.00	4.58	96				

KHLONG THEPHA RIVER BASIN

Khlong Thepha at Ban Huai Pring, Songkhla (X.27)

Location: Lat. 6^{0}-42'-50" N., Long. 100^{0}-57'-48" E., on right bank at Ban Huai Pring, 8 kilometers upstream from state railway bridge, Amphoe Thepha, Songkhla.

Drainage Area: 1,557 Sq.km.

Type of Gage: Water-stage recorder.

Zero Gage at Bottom at: + 0.00 m. (A.D.)

Bench Mark: B.M. - H.S.

Location: on right bank near the camp of station X27
Elevation: + 48.830 m. (A.D.)

Gage Reading Frequency: Recording.

Basis of Mean Daily Gage Height: Arithmetic mean of 24 hourly readings.

Period of Available Gage Records: 1959-1975.

Rating Operation:

Period of Rating: 1959-1969.
Rated by Float: -
Rated by Current Meter: 1959-1969.

Stability of Channel Regimes: Fairly stable, no shifting adjustment for flow computation.

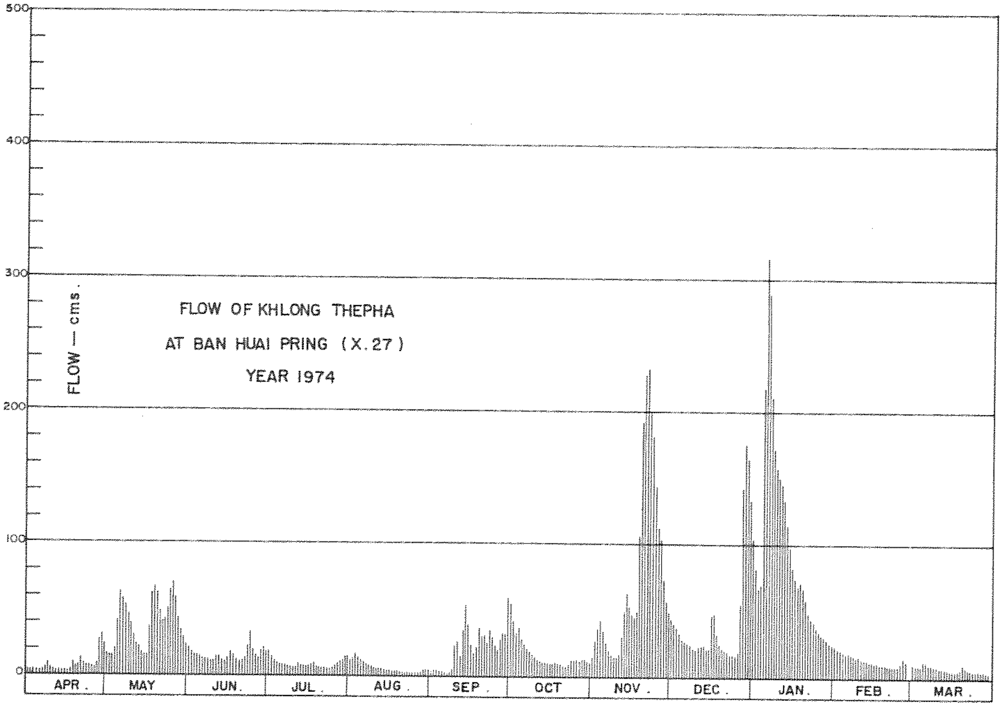
Overbank Flow Conditions: No overbank flow.

General Description: Records fair. Stage-discharge relation defined by 693 discharge measurements made during 1966-68.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.27	2.08	2.39	2.21	1.85	1.26	3.96	2.00	3.44	5.72	2.49	1.72
2	.25	.08	.23	.04	.98	.28	.24	.66	.31	4.93	.44	.64
3	.24	.05	.13	1.88	2.15	.27	2.92	3.05	.14	.39	.41	.61
4	.22	.35	.03	.76	.02	.25	3.21	.38	2.95	.57	.30	.61
5	.21	3.32	1.96	.69	1.85	.22	2.90	.12	.81	7.37	.23	.87
6	1.34	4.26	1.91	1.62	1.82	1.19	2.56	2.64	2.69	8.21	2.22	1.80
7	.36	.08	.87	.58	.73	.17	.39	.37	.63	7.88	.23	.71
8	.56	3.91	.86	.53	.63	.17	.29	.18	.54	.31	.15	.71
9	.43	.58	.80	.49	.54	.35	.17	.05	.45	6.87	.07	.65
10	.35	.30	.83	.46	.47	2.40	.05	.05	.38	.71	.02	.60
11	1.28	2.83	1.96	1.47	1.43	2.61	1.93	2.16	2.43	6.59	1.99	1.56
12	.26	.55	2.01	.56	.39	1.89	.86	.81	.50	.49	.97	.52
13	.24	.43	1.88	.54	.38	2.94	.81	3.70	.54	.29	.92	.49
14	.22	.24	.79	.55	.36	3.87	.77	4.30	.41	5.87	.88	.46
15	.21	.09	.76	.54	.32	.05	.73	3.85	.38	.32	.85	.43
16	1.20	2.03	1.98	1.56	1.29	2.49	1.70	3.58	3.55	4.80	1.82	1.40
17	.36	3.01	2.23	.64	.27	.17	.73	.47	.59	.61	.80	.37
18	.66	4.17	1.98	.68	.24	.39	.80	.64	2.95	.50	.75	.37
19	.45	.40	.84	.56	.24	3.10	.70	5.86	.64	.63	.72	.45
20	.52	.31	.79	.50	.22	2.87	.64	7.11	.46	.45	.70	.66
21	1.91	3.77	1.77	1.46	1.20	2.90	1.59	7.47	2.34	3.96	1.67	1.59
22	.65	.34	.86	.42	.19	.57	.54	.51	.28	.62	.64	.47
23	.56	.34	2.35	.39	.18	3.07	.68	.19	.23	.48	.63	.44
24	.51	.63	.94	.38	.17	2.85	.84	6.78	.16	.34	.63	.41
25	.43	4.27	.38	.39	.17	.56	.85	.37	.12	.17	.64	.38
26	1.38	4.53	2.08	1.50	1.16	2.33	1.90	5.92	2.20	3.02	1.79	1.36
27	.67	3.91	1.94	.62	.16	.67	.89	.38	3.95	2.89	2.05	.33
28	2.70	.34	2.22	.79	.20	.93	.94	4.61	6.47	.78	1.88	.31
29	.83	2.97	.37	.80	.25	.72	.94	.05	.90	.69	-	.28
30	.54	.72	.23	.96	.35	4.09	.85	3.68	.79	.61	-	.26
31	-	.52	-	2.05	.32	-	.76	-	.32	.55	-	.24
Mean	1.53	3.21	2.04	1.63	1.44	2.32	2.11	4.16	3.21	4.89	1.96	1.51
Max.	2.83	4.53	2.94	2.21	2.15	4.09	3.96	7.51	6.90	8.21	2.49	1.87
Min.	1.20	2.03	1.76	1.38	1.16	1.17	1.54	2.00	2.12	2.55	1.63	1.24

WATER YEAR 1974 : Max. 8.21 m. Min. 1.16 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.84	17	22	19	13	4.72	56	15	44	105	24	11
2	4.60	17	19	16	15	4.96	40	27	41	81	23	9.86
3	4.48	16	17	13	18	4.84	33	36	38	67	22	9.44
4	4.24	21	16	11	16	4.60	39	43	33	71	20	9.44
5	4.12	42	15	10	13	4.24	32	37	30	217	19	13
6	5.72	63	14	9.58	12	3.90	25	27	28	315	19	12
7	5.98	59	13	9.02	11	3.70	22	22	27	274	19	11
8	8.74	55	13	8.32	9.72	3.70	20	18	25	211	18	11
9	6.92	48	12	7.76	8.46	5.85	18	16	23	172	16	10
10	5.85	41	12	7.34	7.48	22	16	16	22	159	16	9.30
11	4.96	31	15	7.48	6.92	26	14	18	23	151	15	8.74
12	4.72	25	15	8.74	6.37	13	13	30	24	144	15	8.18
13	4.48	23	13	8.46	6.24	33	12	50	25	132	14	7.76
14	4.24	19	12	8.60	5.98	54	12	64	22	112	13	7.34
15	4.12	17	11	8.46	5.46	36	11	54	22	92	13	6.92
16	4.00	16	15	8.74	5.08	24	11	48	47	77	12	6.50
17	5.98	35	19	9.86	4.84	18	11	45	48	72	12	6.11
18	10	61	15	10	4.48	22	12	49	33	69	11	6.11
19	7.20	67	13	8.74	4.48	37	11	111	27	73	11	7.20
20	8.18	65	12	7.90	4.24	32	9.86	192	23	68	11	10
21	14	52	12	7.34	4.00	32	9.16	228	21	56	10	9.16
22	10	42	13	6.78	3.90	26	8.46	232	20	49	9.86	7.48
23	8.74	42	21	6.37	3.80	36	10	199	19	45	9.72	7.06
24	8.04	49	33	6.24	3.70	31	13	164	18	42	9.72	6.64
25	6.92	64	22	6.37	3.70	25	13	137	17	38	9.86	6.24
26	6.24	70	17	7.90	3.60	21	14	114	19	35	12	5.98
27	10	55	14	9.58	3.60	28	13	94	56	32	16	5.59
28	28	42	19	12	4.00	33	14	72	143	30	13	5.33
29	31	34	22	12	4.60	29	14	58	174	28	–	4.96
30	25	29	19	15	5.85	59	13	50	165	26	–	4.72
31	–	25	–	16	5.46	–	11	–	134	25	–	4.48
Total	261.31	1,242	485	303.58	223.96	677.51	550.48	2,266	1,391	3,068	413.16	248.54
Mean	8.71	40.1	16.2	9.79	7.22	22.6	17.7	75.5	44.9	99.0	14.7	8.02
Max.	31	70	33	19	18	59	56	232	174	315	24	13
Min.	4.00	16	11	6.24	3.60	3.70	8.46	15	17	25	9.72	4.48
Runoff – mcm.	22.577	107.309	41.904	26.229	19.350	58.537	47.562	195.783	120.182	265.075	35.697	21.474

WATER YEAR 1974 : Max. 315 Min. 3.70 Mean 30.5 Annual Runoff 961.679 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.6, 75	09.00	8.26	322				

KHLONG RATTAPHUM RIVER BASIN

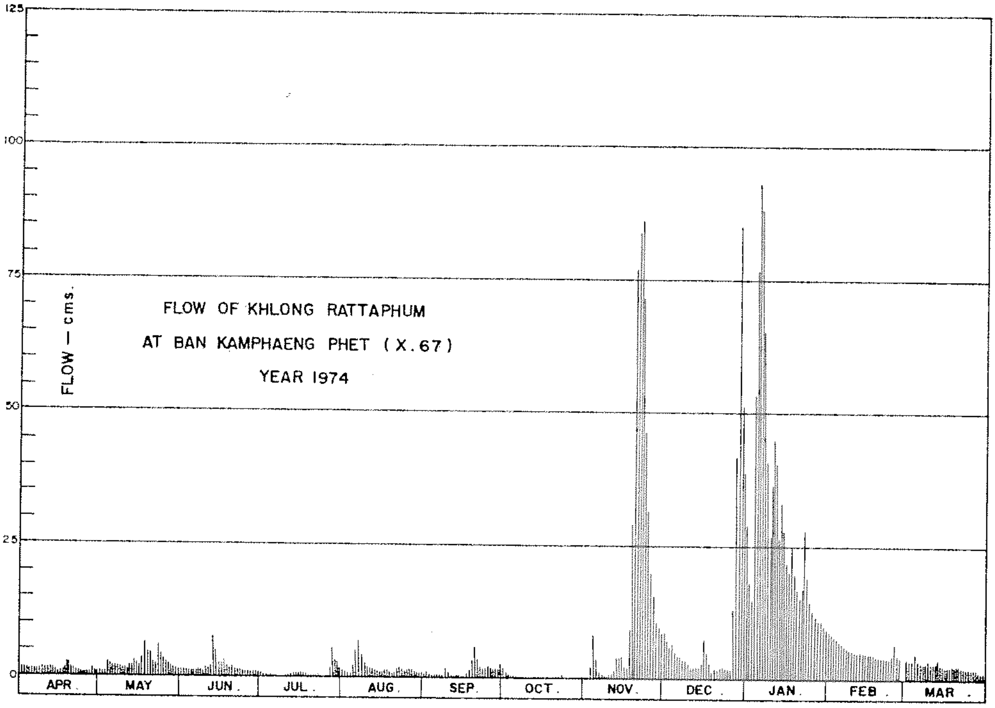
Khlong Rattaphum at Ban Kamphaeng Phet, Songkhla (X.67)

Location:	Lat. 7°-08'-35" N., Long. 100°-17'-20" E., on right bank about 3 meters upstream from bridge of Phatthalung - Songkhla highway, Amphoe Rattaphum, Songkhla.
Drainage Area:	272 Sq.km. abutment of the bridge.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on both bank near abutment of the bridge.
Elevation:	BM1 on right bank + 3.415 m. (A.D.), BM2 on left bank + 3.307 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1972.
Rated by Float:	-
Rated by Current Meter:	1967-1972.
Stability of Channel Regimes:	Rather unstable because of backwater effect, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 282 discharge measurements made during 1967-1972. Flow regulated by Rattaphum weir for irrigation of about 10,688 hectares.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.13	0.01	0.07	-0.01	0.06	-0.01	0.14	-0.16	0.76	1.82	0.78	0.38
2	.11	-0.02	.06	-0.06	0.03	+0.03	.05	-0.17	.65	.30	.75	.36
3	.10	0.01	.05	-0.07	-0.01	-0.07	-0.06	+0.21	.54	.14	.72	.35
4	.07	.27	.04	-0.08	-0.01	-0.06	-0.05	.71	.61	2.70	.69	.46
5	.06	.22	.06	-0.08	0.34	-0.07	-0.07	.38	.48	3.89	.66	.37
6	0.06	0.19	0.04	-0.09	0.53	-0.06	-0.13	0.11	0.41	3.76	0.63	0.33
7	.07	.18	.09	-0.11	.63	-0.06	-0.16	.03	.41	3.05	.59	.29
8	.09	.16	.07	-0.15	.45	-0.07	-0.17	-0.05	.36	2.26	.56	.28
9	.12	.10	.04	-0.10	.28	+0.11	-0.19	-0.09	.35	1.87	.54	.34
10	.10	.06	.14	-0.10	.19	-0.03	-0.21	-0.04	.28	.71	.52	.32
11	0.11	0.03	0.13	-0.08	0.15	-0.05	-0.22	-0.01	0.25	2.43	0.51	0.29
12	.10	.18	.17	-0.07	.14	-0.08	-0.22	+0.11	.22	.24	.48	.26
13	.03	.30	.67	-0.03	.09	-0.07	-0.20	.39	.20	1.67	.50	.37
14	.03	.29	.45	-0.02	.06	-0.05	-0.16	.38	.21	.95	.48	.27
15	-0.02	.23	.23	-0.02	.04	-0.11	-0.21	.41	.25	.70	.47	.24
16	0.02	0.18	0.26	+0.01	0.04	-0.12	-0.23	0.21	0.68	1.50	0.46	0.23
17	.04	.35	.29	-0.03	.09	+0.05	-0.23	.20	.51	.40	.47	.22
18	.24	.58	.18	-0.05	.05	.11	-0.20	.38	.27	.61	.46	.26
19	.23	.44	.11	-0.07	.01	.30	-0.20	1.79	.22	.37	.41	.24
20	.12	.44	.17	-0.08	-0.02	.55	-0.17	3.44	.18	.21	.41	.26
21	0.07	0.27	0.10	-0.08	0.09	0.35	-0.15	3.63	0.15	1.13	0.41	0.24
22	.06	.23	.10	-0.08	.16	.18	-0.07	.68	.19	.21	.41	.20
23	.02	.55	.09	-0.05	.11	.13	-0.03	.00	.22	.76	.39	.18
24	-0.01	.42	.06	-0.12	.07	.15	-0.13	2.20	.18	.32	.39	.19
25	-0.01	.35	.04	-0.19	.09	.20	-0.18	1.61	.14	.13	.43	.16
26	-0.01	0.27	0.03	-0.22	0.09	0.19	-0.18	1.28	0.17	1.04	0.59	0.16
27	-0.01	.23	.02	+0.13	.09	.11	-0.13	1.07	1.27	0.97	.45	.17
28	0.11	.18	.02	.52	.06	.16	-0.15	0.97	2.59	.89	.40	.12
29	.06	.15	.02	.30	.04	.11	-0.16	.85	3.66	.88	-	0.01
30	.02	.11	.01	.28	.02	.26	-0.16	.75	2.93	.84	-	-0.10
31	-	.09	-	.12	.01	-	-0.16	-	.18	.80	-	0.05
Mean	0.07	0.23	0.13	-0.05	0.13	0.07	-0.14	0.90	0.69	1.69	0.52	0.24
Max.	0.24	0.58	0.67	0.52	0.63	0.55	0.14	3.68	3.66	3.89	0.78	0.46
Min.	-0.01	-0.02	0.01	-0.22	-0.02	-0.12	-0.23	-0.17	0.14	0.80	0.39	-0.10

WATER YEAR 1974 : Max. 3.89 m. Min. -0.23 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.81	1.06	1.42	0.94	1.36	0.94	1.88	0.28	9.00	29	9.30	4.08
2	1.67	0.88	1.36	0.64	1.18	1.18	1.30	0.26	7.30	18	8.85	3.86
3	1.60	1.06	1.30	0.58	0.94	0.58	0.64	2.39	5.92	15	8.40	3.75
4	1.42	2.93	1.24	0.52	0.94	0.64	0.70	8.25	6.84	53	7.86	4.96
5	1.36	2.48	1.36	0.52	3.64	0.58	0.58	4.08	5.18	93	7.44	3.97
6	1.36	2.23	1.24	0.46	5.79	0.64	0.34	1.67	4.41	88	7.02	3.53
7	1.42	2.16	1.54	0.38	7.02	0.64	0.28	1.18	4.41	65	6.57	3.11
8	1.54	2.02	1.42	0.30	4.85	0.58	0.26	0.70	3.86	41	6.18	3.02
9	1.74	1.60	1.24	0.40	3.02	1.67	0.22	0.46	3.75	31	5.92	3.64
10	1.60	1.36	1.88	0.40	2.23	1.18	0.18	0.76	3.02	27	5.66	3.42
11	1.67	1.18	1.81	0.52	1.95	0.70	0.16	0.94	2.75	45	5.53	3.11
12	1.60	2.16	2.09	0.58	1.88	0.52	0.16	1.67	2.48	40	5.18	2.84
13	1.18	2.20	7.58	0.82	1.54	0.58	0.20	4.19	2.30	26	5.40	3.97
14	1.18	3.11	4.85	0.88	1.36	0.70	0.28	4.08	2.39	33	5.18	2.93
15	0.88	2.57	2.57	0.88	1.24	0.38	0.18	4.41	2.75	26	5.07	2.66
16	1.12	2.16	2.84	1.06	1.24	0.36	0.14	2.39	7.72	22	4.96	2.57
17	1.24	3.75	3.11	0.82	1.54	1.30	0.14	2.30	5.53	20	5.07	2.48
18	2.66	6.44	2.16	0.70	1.30	1.67	0.20	4.08	2.93	25	4.96	2.84
19	2.57	4.74	1.67	0.58	1.06	3.20	0.20	29	2.48	20	4.41	2.66
20	1.74	4.74	2.09	0.52	0.88	6.05	0.26	77	2.16	17	4.41	2.84
21	1.42	2.93	1.60	0.52	1.54	3.75	0.30	84	1.95	15	4.41	2.66
22	1.36	2.57	1.60	0.52	2.02	2.16	0.58	86	2.23	17	4.41	2.30
23	1.12	6.05	1.54	0.70	1.67	1.81	0.82	63	2.48	28	4.19	2.16
24	0.94	4.52	1.36	0.36	1.42	1.95	0.34	39	2.16	19	4.19	2.23
25	0.94	3.75	1.24	0.22	1.54	2.30	0.24	25	1.88	15	4.63	2.02
26	0.94	2.93	1.18	0.16	1.54	2.23	0.24	18	2.09	13	6.57	2.02
27	0.94	2.57	1.12	1.81	1.54	1.67	0.34	14	18	12	4.85	2.09
28	1.67	2.16	1.12	5.66	1.36	2.02	0.30	12	50	11	4.30	1.74
29	1.36	1.95	1.12	3.20	1.24	1.67	0.28	10	85	11	–	1.06
30	1.12	1.67	1.06	3.02	1.12	2.84	0.28	8.85	61	10	–	0.40
31	–	1.54	–	1.74	1.06	–	0.28	–	39	9.60	–	1.30
Total	42.17	83.49	57.71	30.41	61.01	46.49	12.30	509.94	352.97	894.60	160.92	86.22
Mean	1.40	2.69	1.92	0.98	1.97	1.55	0.40	16.9	11.4	28.8	5.75	2.78
Max.	2.66	6.44	7.58	5.66	7.02	6.05	1.88	86	85	93	9.30	4.96
Min.	0.94	0.88	1.06	0.16	0.88	0.36	0.14	0.26	1.88	9.60	4.19	0.40
Runoff - mcm.	3.643	7.213	4.986	2.627	5.271	4.017	1.063	44.059	30.497	77.293	13.903	7.449

WATER YEAR 1974 : Max. 93 Min. 0.14 Mean 6.41 Annual Runoff 202.023 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 5, 75	03.00	3.91	94				

KHLONG PHRU PHO RIVER BASIN

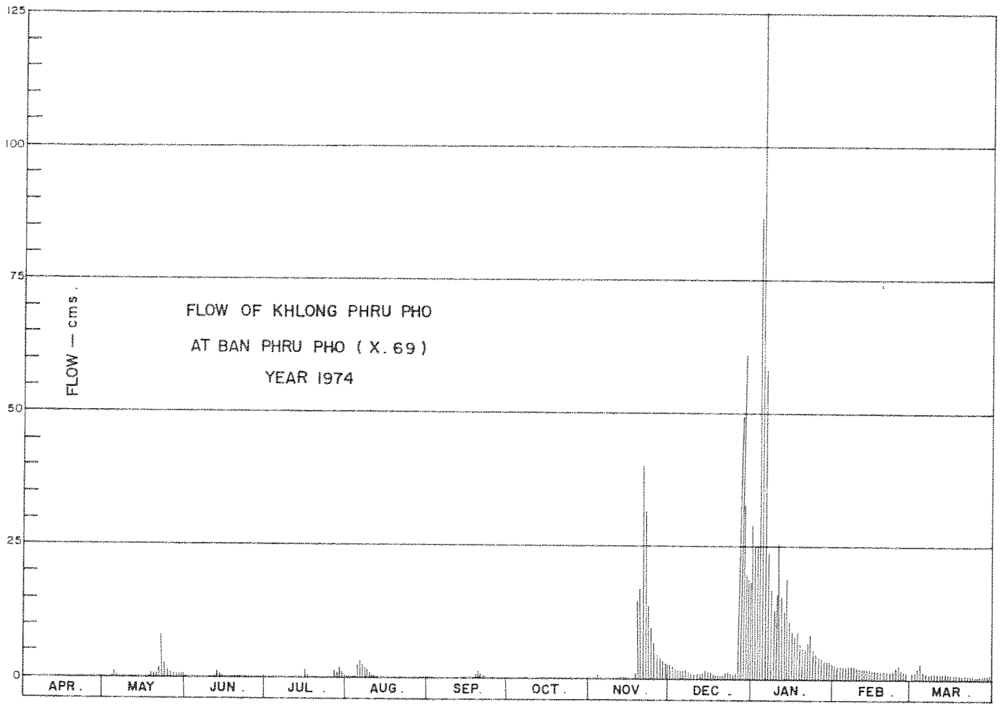
Khlong Phru Pho at Ban Phru Pho, Songkhla (X.69)

Location:	Lat. 7°-11'-25" N., Long. 100°-13'-26" E., on right bank upstream side of the bridge on Phatthalung - Hat Yai highway at Ban Phru Pho, Amphoe Rattaphum, Songkhla.
Drainage Area:	88 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank about 300 meters from the bridge.
Elevation:	+ 4.229 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours on April, June - October. December, February, March and 7-time daily readings at 03.00, 06.00, 09.00, 12.00, 15.00, 18.00 and 21.00 hours on May, November, January.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5-7 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1972.
Rated by Float:	-
Rated by Current Meter:	1967-1972.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 266 discharge measurements made during 1967-1972.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.51	0.43	0.55	0.54	0.66	0.50	0.65	0.47	1.13	2.86	1.11	0.87
2	.49	.44	.57	.50	.66	.50	.57	.47	.07	.68	.09	.86
3	.47	.55	.57	.50	.60	.50	.54	.58	.03	.68	.07	.88
4	.46	.85	.56	.49	.61	.49	.50	.74	0.98	3.64	.05	1.06
5	.46	.68	.55	.48	1.00	.48	.49	.62	.98	4.10	.04	0.91
6	0.45	0.57	0.54	0.47	1.17	0.49	0.46	0.54	0.95	3.44	1.05	0.86
7	.44	.55	.55	.46	.06	.48	.45	.50	.97	2.64	.07	.85
8	.44	.55	.56	.46	0.85	.52	.47	.48	.94	.24	.06	.85
9	.43	.55	.56	.45	.76	.60	.46	.46	.89	.11	.05	.84
10	.43	.49	.60	.45	.73	.54	.47	.46	.88	.00	.01	.83
11	0.43	0.46	0.57	0.45	0.69	0.65	0.46	0.47	0.87	2.74	1.00	0.83
12	.44	.47	.62	.46	.67	.65	.45	.54	.84	.26	0.98	.82
13	.43	.51	.83	.47	.64	.63	.42	.70	.84	1.94	.97	.82
14	.43	.51	.70	.47	.60	.62	.44	.77	1.00	2.35	.97	.81
15	.43	.46	.64	.55	.59	.57	.48	.71	0.92	1.93	.97	.80
16	0.43	0.46	0.68	0.92	0.59	0.59	0.46	0.63	0.92	1.77	0.95	0.79
17	.43	.67	.73	.69	.62	.65	.48	.63	.86	.67	.94	.79
18	.54	.68	.62	.58	.60	.57	.48	.91	.84	.69	.93	.79
19	.55	.80	.55	.55	.57	.72	.44	2.13	.80	.54	.93	.79
20	.53	.68	.54	.53	.55	.88	.53	.26	.79	.48	.93	.79
21	0.47	0.66	0.53	0.50	0.60	0.71	0.46	3.18	0.78	1.40	0.92	0.79
22	.46	.96	.53	.50	.59	.60	.56	2.83	.91	.49	.92	.78
23	.45	1.66	.51	.49	.55	.58	.59	.05	.94	.68	.94	.77
24	.43	.00	.50	.50	.55	.58	.56	1.76	.89	.43	1.02	.76
25	.42	0.88	.49	.51	.53	.56	.47	.64	.81	.36	.09	.76
26	0.41	0.79	0.52	0.53	0.53	0.55	0.45	1.42	0.86	1.29	0.93	0.76
27	.44	.74	.50	.65	.52	.53	.47	.32	2.25	.24	.92	.77
28	.50	.69	.49	.91	.51	.53	.45	.23	.81	.22	.89	.76
29	.52	.66	.51	.77	.52	.53	.48	.17	3.53	.19		.75
30	.45	.63	.62	.93	.52	.61	.47	.16	2.44	.16		.75
31		.61		.72	.51		.46		.34	.14		.74
Mean	0.46	0.66	0.58	0.56	0.65	0.58	0.49	1.09	1.19	2.01	0.99	0.81
Max.	0.55	1.66	0.83	0.93	1.17	0.88	0.65	3.18	3.53	4.10	1.11	1.06
Min.	0.41	0.43	0.49	0.45	0.51	0.48	0.42	0.47	0.78	1.14	0.89	0.74

WATER YEAR 1974 : Max. 4.10 m. Min. 0.41 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.12	0.03	0.20	0.18	0.54	0.10	0.50	0.07	3.14	29	2.98	1.45
2	0.09	0.04	0.24	0.10	0.54	0.10	0.24	0.07	2.67	25	2.83	1.40
3	0.07	0.20	0.24	0.10	0.30	0.10	0.18	0.26	2.41	25	2.69	1.50
4	0.06	1.35	0.22	0.09	0.34	0.09	0.10	0.86	2.08	71	2.55	2.62
5	0.06	0.62	0.20	0.08	2.20	0.08	0.09	0.38	2.08	130	2.48	1.66
6	0.05	0.24	0.18	0.07	3.46	0.09	0.06	0.18	1.90	54	2.55	1.40
7	0.04	0.20	0.20	0.06	2.62	0.08	0.05	0.10	2.02	24	2.69	1.35
8	0.04	0.20	0.22	0.06	1.35	0.14	0.07	0.08	1.84	17	2.62	1.35
9	0.03	0.20	0.22	0.05	0.94	0.30	0.06	0.06	1.55	15	2.55	1.30
10	0.03	0.09	0.30	0.05	0.82	0.18	0.07	0.06	1.50	13	2.27	1.25
11	0.03	0.06	0.24	0.05	0.66	0.50	0.06	0.07	1.45	26	2.20	1.25
12	0.04	0.07	0.38	0.06	0.58	0.50	0.05	0.18	1.30	17	2.08	1.20
13	0.03	0.12	1.25	0.07	0.46	0.42	0.02	0.70	1.30	12	2.02	1.20
14	0.03	0.12	0.70	0.07	0.30	0.38	0.04	0.98	2.20	19	2.02	1.15
15	0.03	0.06	0.46	0.20	0.28	0.24	0.08	0.74	1.72	12	2.02	1.10
16	0.03	0.06	0.62	1.72	0.28	0.28	0.06	0.42	1.72	9.81	1.90	1.06
17	0.03	0.58	0.82	0.66	0.38	0.50	0.08	0.42	1.40	8.51	1.84	1.06
18	0.18	0.62	0.38	0.26	0.30	0.24	0.08	1.66	1.30	8.77	1.78	1.06
19	0.20	1.10	0.20	0.20	0.24	0.78	0.04	15	1.10	6.94	1.78	1.06
20	0.16	0.62	0.18	0.16	0.20	1.50	0.16	17	1.06	6.30	1.78	1.06
21	0.07	0.54	0.16	0.10	0.30	0.74	0.06	40	1.02	5.50	1.72	1.06
22	0.06	1.96	0.16	0.10	0.28	0.30	0.22	28	1.66	6.40	1.72	1.02
23	0.05	8.38	0.12	0.09	0.20	0.76	0.28	14	1.84	8.64	1.84	0.98
24	0.03	2.20	0.10	0.10	0.20	0.26	0.22	9.68	1.55	5.80	2.34	0.94
25	0.02	1.50	0.09	0.12	0.16	0.22	0.07	8.12	1.15	5.14	2.83	0.94
26	0.01	1.06	0.14	0.16	0.16	0.20	0.05	5.70	1.40	4.51	1.78	0.94
27	0.04	0.86	0.10	0.50	0.14	0.16	0.07	4.78	17	4.06	1.72	0.98
28	0.10	0.66	0.09	1.66	0.12	0.16	0.05	3.97	28	3.88	1.55	0.94
29	0.14	0.54	0.12	0.98	0.14	0.16	0.08	3.46	61	3.62		0.90
30	0.05	0.42	0.38	1.78	0.14	0.34	0.07	3.38	20	3.38		0.90
31		0.34		0.78	0.12		0.06		19	3.22		0.86
Total	1.92	25.04	8.91	10.66	18.75	9.40	3.32	160.38	189.38	583.48	61.13	36.94
Mean	0.064	0.81	0.30	0.34	0.60	0.31	0.11	5.35	6.11	18.8	2.18	1.19
Max.	0.20	8.38	1.25	1.78	3.46	1.50	0.50	40	61	130	2.98	2.62
Min.	0.01	0.03	0.09	0.05	0.12	0.08	0.02	0.07	1.02	3.22	1.55	0.86
Runoff - mcm.	0.166	2.163	0.770	0.921	1.620	0.812	0.287	13.857	16.362	50.413	5.282	3.192

WATER YEAR 1974 : Max. 130 Min. 0.01 Mean 3.04 Annual Runoff 95.844 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 5	09.00	4.16	138				

KHLONG TAM RIVER BASIN

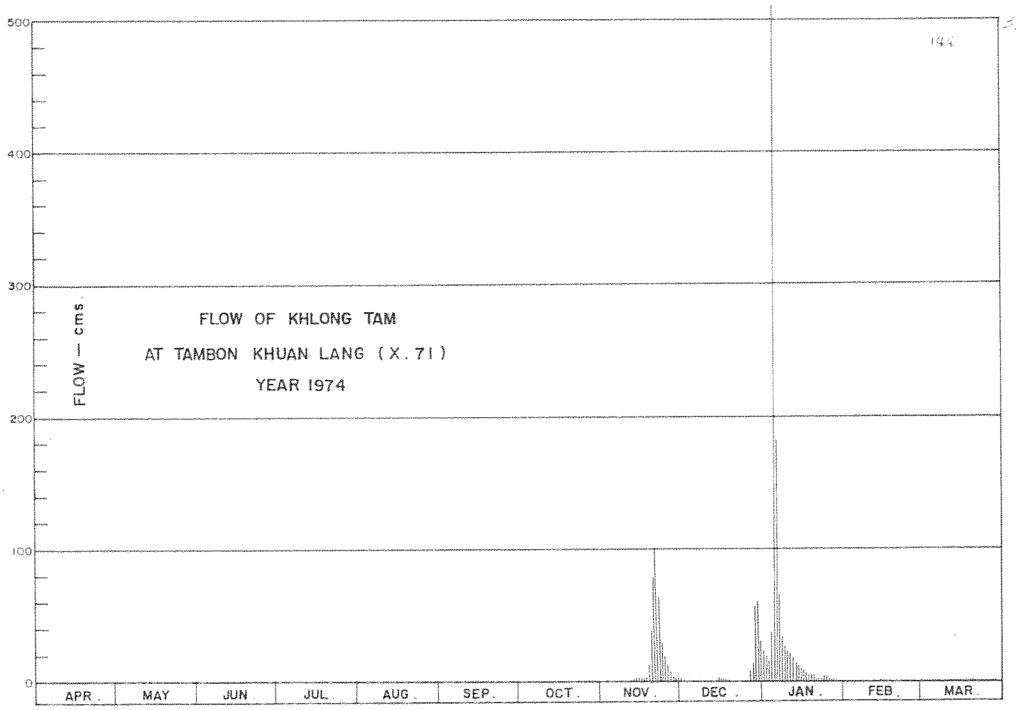
Khlong Tam at Tambon Khuan Lang, Songkhla (X.71)

Location:	Lat. 6^{0}-59'-33" N., Long. 100^{0}-25'-57" E., on right bank downstream side of bridge of Phet Kasem highway at Ban Khuan Lang, Amphoe Hat Yai, Songkhla.
Drainage Area:	127 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank about 12 meters from highway bridge.
Elevation:	+ 6.569 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1972.
Rated by Float:	-
Rated by Current Meter:	1967-1972.
Stability of Channel Regimes:	Fairly stable by some scouring, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 153 discharge measurements made during 1967-1971.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.38	1.43	1.42	1.46	1.57	1.32	1.43	1.27	2.35	5.18	2.01	1.81
2	.36	.40	.44	.42	.71	.31	.34	.37	.09	4.78	.00	.81
3	.35	.39	.43	.37	.52	.31	.29	.46	.00	.36	.00	.80
4	.35	.56	.43	.36	.42	.32	.33	.96	.00	6.07	.01	.78
5	.35	.88	.41	.34	.56	.30	.27	.93	1.99	7.78	1.99	.81
6	1.36	1.64	1.40	1.44	1.76	1.31	1.24	1.66	1.99	7.19	1.97	1.86
7	.43	.57	.37	.42	.80	.30	.24	.52	2.00	6.71	.93	.81
8	.36	.54	.37	.38	.80	.28	.23	.41	.00	5.96	.94	.82
9	.34	.50	.39	.35	.67	.25	.25	.35	1.96	.41	.91	.80
10	.36	.45	.47	.30	.58	.28	.24	.36	.91	.27	.90	.78
11	1.35	1.44	1.60	1.31	1.53	1.28	1.22	1.49	1.90	4.95	1.89	1.75
12	.34	.43	.61	.36	.47	.26	.21	.70	.87	.66	.86	.74
13	.29	.48	.67	.34	.41	.24	.25	2.27	.87	.43	.86	.72
14	.29	.66	.69	.34	.35	.24	.23	.47	2.17	3.98	.86	.72
15	.29	.78	.59	.43	.35	.25	.23	.42	.44	.69	.85	.70
16	1.28	1.61	1.55	1.47	1.34	1.23	1.22	2.41	2.36	3.43	1.85	1.73
17	.28	.59	.50	.35	.38	.25	.21	.38	.30	.24	.84	.71
18	.33	.57	.46	.28	.49	.26	.21	.45	.20	.03	.81	.71
19	.44	.65	.42	.28	.45	.38	.22	4.61	.03	2.88	.83	.71
20	.37	.75	.39	.26	.38	.68	.22	6.49	.00	.76	.86	.63
21	1.47	1.60	1.46	1.28	1.36	1.48	1.22	6.88	1.95	2.63	1.85	1.61
22	.41	.72	.49	.31	.46	.41	.21	.70	.95	.61	.84	.66
23	.40	.90	.43	.31	.42	.43	.21	.44	.94	.66	.84	.56
24	.38	.92	.39	.30	.40	.44	.39	5.58	.94	.67	.84	.56
25	.37	.86	.37	.28	.40	.40	.33	4.88	.90	.55	.84	.64
26	1.37	1.85	1.37	1.29	1.39	1.42	1.30	4.14	2.06	2.42	1.85	1.65
27	.37	.76	.36	.34	.37	.40	.28	3.44	3.57	.36	.88	.63
28	.39	.69	.39	.33	.35	.37	.25	2.91	5.22	.22	.84	.62
29	.50	.58	.57	.43	.34	.58	.24	.62	6.54	.13		.62
30	.49	.54	.53	.57	.35	.44	.25	.42	.60	.05		.65
31		.45		.65	.34		.24		5.79	.03		.64
Mean	1.36	1.61	1.46	1.36	1.47	1.34	1.25	2.99	2.60	3.93	1.89	1.71
Max.	1.50	1.92	1.69	1.65	1.80	1.68	1.43	6.88	6.60	7.78	2.01	1.86
Min.	1.28	1.39	1.36	1.26	1.34	1.23	1.21	1.27	1.87	2.03	1.84	1.56

WATER YEAR 1974 : Max. 7.78 m. Min. 1.23 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	0.08	0.13	0.12	0.16	0.27	0.02	0.13	0.00	2.60	23	1.33	0.73
2	0.06	0.10	0.14	0.12	0.43	0.01	0.04	0.07	1.57	19	1.30	0.73
3	0.05	0.09	0.13	0.07	0.22	0.01	0.00	0.16	1.30	15	1.30	0.70
4	0.05	0.26	0.13	0.06	0.12	0.02	0.03	1.18	1.30	37	1.33	0.64
5	0.05	0.94	0.11	0.04	0.26	0.00	0.00	1.09	1.27	448	1.27	0.73
6	0.06	0.34	0.10	0.14	0.58	0.01	0.00	0.36	1.27	169	1.21	0.88
7	0.13	0.27	0.07	0.12	0.70	0.00	0.00	0.22	1.30	72	1.09	0.73
8	0.06	0.24	0.07	0.08	0.70	0.00	0.00	0.11	1.30	35	1.12	0.76
9	0.04	0.20	0.09	0.05	0.37	0.00	0.00	0.05	1.18	26	1.03	0.70
10	0.06	0.15	0.17	0.00	0.28	0.00	0.00	0.06	1.03	24	1.00	0.64
11	0.05	0.14	0.30	0.01	0.23	0.00	0.00	0.19	1.00	21	0.97	0.55
12	0.04	0.13	0.31	0.06	0.17	0.00	0.00	0.40	0.91	18	0.88	0.52
13	0.00	0.18	0.37	0.04	0.11	0.00	0.00	2.28	0.91	16	0.88	0.46
14	0.00	0.36	0.39	0.04	0.05	0.00	0.00	3.08	1.88	12	0.88	0.46
15	0.00	0.64	0.29	0.13	0.05	0.00	0.00	2.88	2.96	10	0.85	0.40
16	0.00	0.31	0.25	0.17	0.04	0.00	0.00	2.84	2.64	8.21	0.85	0.49
17	0.00	0.29	0.20	0.05	0.08	0.00	0.00	2.72	2.40	7.04	0.82	0.43
18	0.03	0.27	0.16	0.00	0.19	0.00	0.00	3.00	2.00	5.78	0.73	0.43
19	0.14	0.35	0.12	0.00	0.15	0.08	0.00	17	1.39	5.00	0.79	0.43
20	0.07	0.55	0.09	0.00	0.08	0.38	0.00	53	1.30	4.40	0.88	0.33
21	0.17	0.30	0.16	0.00	0.06	0.18	0.00	101	1.15	3.75	0.85	0.31
22	0.11	0.46	0.19	0.01	0.16	0.11	0.00	71	1.15	3.65	0.82	0.36
23	0.10	1.00	0.13	0.01	0.12	0.13	0.00	51	1.12	3.90	0.82	0.26
24	0.08	1.06	0.09	0.00	0.10	0.14	0.09	29	1.12	3.95	0.82	0.26
25	0.07	0.88	0.07	0.00	0.10	0.10	0.03	20	1.00	3.40	0.82	0.34
26	0.07	0.85	0.07	0.00	0.09	0.12	0.00	13	1.48	2.88	0.85	0.35
27	0.07	0.58	0.06	0.04	0.07	0.10	0.00	8.28	9.19	2.64	0.94	0.33
28	0.09	0.39	0.09	0.03	0.05	0.07	0.00	5.15	24	2.08	0.82	0.32
29	0.20	0.28	0.27	0.13	0.04	0.28	0.00	3.70	57	1.72		0.32
30	0.19	0.24	0.23	0.27	0.05	0.14	0.00	2.88	61	1.45		0.35
31		0.15		0.35	0.04		0.00		32	1.39		0.34
Total	2.12	12.13	4.97	2.18	5.96	1.90	0.32	395.70	221.72	1,006.24	27.25	15.28
Mean	0.070	0.391	0.165	0.070	0.192	0.063	0.010	13.2	7.15	32.4	0.973	0.493
Max.	0.20	1.06	0.39	0.35	0.70	0.38	0.13	101	61	448	1.33	0.88
Min.	0.00	0.09	0.06	0.00	0.04	0.00	0.00	0.00	0.91	1.39	0.82	0.26
Runoff - mcm.	0.183	1.048	0.429	0.188	0.515	0.164	0.028	34.188	19.157	86.939	2.354	1.320

WATER YEAR 1974 : Max. 448 Min. 0.00 Mean 4.64 Annual Runoff 146.514 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 5	06.00	7.95	552				

KHLONG U-TAPHAO RIVER BASIN

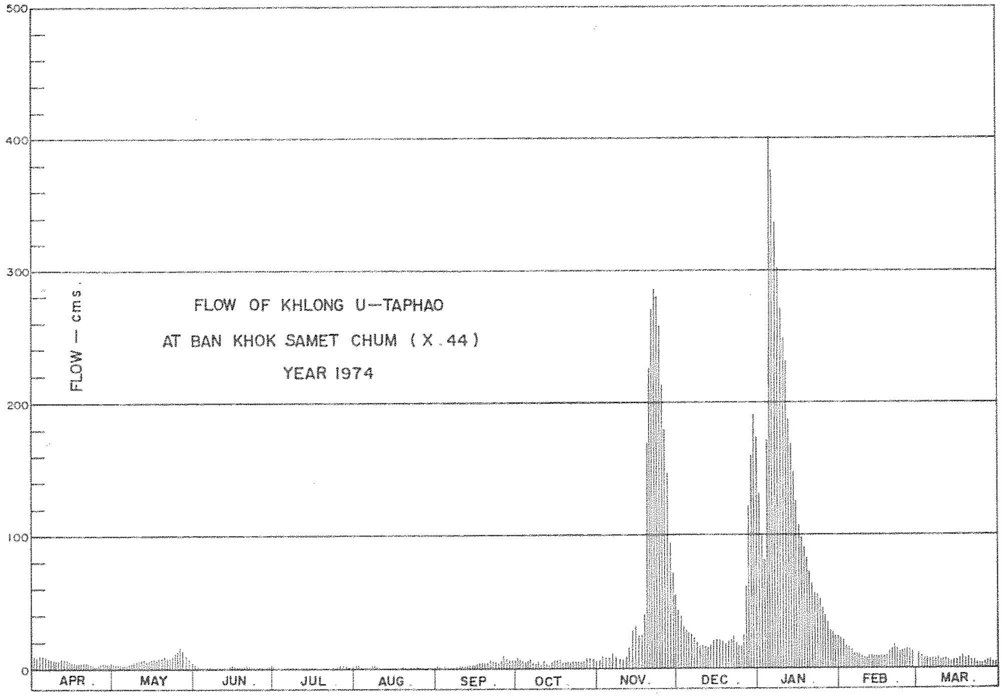
Khlong U-Taphao at Ban Khok Samet Chum, Songkhla (X.44)

Location:	Lat. 7°-00'-02" N., Long. 100°-27'-32" E., on left bank upstream side of the concrete bridge on Patthalung - Hat Yai highway, Amphoe Hat Yai, Songkhla.
Drainage Area:	1,441 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	near the staff gage.
Elevation:	+ 6.582 m. (A.D.)
Gage Reading Frequency:	5-time daily readings at 06.00, 09.00, 12.00, 15.00 and 18.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5 readings.
Period of Available Gage Records:	1967 to date.
Rating Operation:	
Period of Rating:	1967-1972.
Rated by Float:	-
Rated by Current Meter:	1967-1972.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records good. Stage-discharge relation defined by 17 discharge measurements made in 1970.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.12	0.92	0.89	0.79	0.92	0.87	1.12	1.03	2.20	3.74	1.63	1.27
2	.09	.94	.83	.79	.92	.83	.10	.17	.03	.23	.59	.23
3	.22	.93	.80	.72	.83	.77	.04	.17	1.91	2.81	.43	.16
4	.22	.89	.75	.72	.83	.81	.01	.14	.80	4.30	.40	.09
5	.13	.90	.78	.74	.80	.71	.03	.11	.74	7.59	.32	.11
6	1.12	0.94	0.71	0.74	0.72	0.73	1.10	1.23	1.72	7.18	1.28	1.07
7	.10	.94	.73	.75	.86	.76	0.97	.24	.68	6.71	.28	.07
8	.07	.95	.71	.73	.88	.81	.95	.18	.57	.29	.22	.14
9	.04	.96	.73	.68	.84	.85	1.03	.11	.48	5.91	.16	.13
10	.06	1.00	.75	.67	.81	.84	0.93	.09	.46	.61	.17	.07
11	1.08	1.03	0.78	0.62	0.71	0.87	1.01	1.14	1.42	5.19	1.15	1.07
12	.08	.06	.78	.65	.67	.88	.02	.27	.42	4.78	.20	.10
13	.07	.05	.73	.70	.66	.90	0.91	.54	.42	.41	.20	.04
14	.06	.02	.82	.69	.65	.90	.89	.77	.51	.02	.17	.03
15	0.99	.05	.88	.77	.59	.90	1.07	.87	.63	3.69	.16	.03
16	0.97	1.11	0.80	0.74	0.54	0.99	1.08	1.72	1.58	3.37	1.14	1.08
17	.96	.05	.84	.73	.66	1.00	.10	.67	.59	.25	.13	.14
18	.95	.07	.83	.71	.79	.03	.03	.80	.56	.06	.16	.20
19	.95	.08	.80	.70	.84	.02	0.96	3.33	.50	2.88	.22	.12
20	.97	.18	.84	.68	.79	.01	1.06	5.15	.53	.71	.36	.14
21	0.94	1.12	0.84	0.73	0.66	1.05	1.03	5.76	1.58	2.52	1.48	1.08
22	.92	.09	.81	.76	.65	.06	0.98	6.03	.68	.40	.42	.11
23	.88	.16	.75	.72	.79	.05	1.04	5.94	.55	.40	.29	.02
24	.87	.24	.77	.82	.75	0.97	.00	.62	.48	.35	.35	0.98
25	.89	.34	.78	.84	.75	1.01	.02	.12	.42	.21	.32	1.01
26	0.92	1.40	0.78	0.85	0.75	1.19	1.00	4.53	1.63	2.07	1.39	1.01
27	.98	.35	.76	.91	.72	.16	.05	3.97	2.32	1.95	.37	.04
28	.96	.20	.77	.91	.81	.10	.11	.28	3.59	.77	.34	.07
29	.93	.15	.77	.86	.80	.08	.12	2.80	4.20	.73	-	.01
30	.96	.04	.84	.83	.78	.07	.10	.44	.65	.64	-	0.99
31	-	0.94	-	.89	.82	-	.03	-	.32	.66	-	1.05
Mean	1.02	1.07	0.79	0.76	0.76	0.94	1.03	2.61	1.97	3.66	1.30	1.08
Max.	1.22	1.40	0.89	0.91	0.92	1.19	1.12	6.03	4.65	7.59	1.63	1.27
Min.	0.87	0.89	0.71	0.62	0.54	0.71	0.89	1.03	1.42	1.64	1.13	0.98

WATER YEAR 1974 : Max. 7.59 m. Min. 0.54 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	8.00	3.40	2.85	1.35	3.40	2.55	8.00	5.75	47	132	23	12
2	7.25	3.80	1.95	1.35	3.40	1.95	7.50	9.25	39	102	22	11
3	10	3.60	1.50	0.30	1.95	1.05	6.00	9.25	34	78	17	9.00
4	10	2.85	0.75	0.30	1.95	1.65	5.25	8.50	30	168	16	7.25
5	8.25	3.00	1.20	0.60	1.50	0.15	5.75	7.75	28	402	14	7.75
6	8.00	3.80	0.15	0.60	0.30	0.45	7.50	11	27	369	12	6.75
7	7.50	3.80	0.45	0.75	2.40	0.90	4.40	11	25	334	12	6.75
8	6.75	4.00	0.15	0.45	2.70	1.65	4.00	9.50	21	304	11	8.50
9	6.00	4.20	0.45	0.00	2.10	2.25	5.75	7.75	18	278	9.00	8.25
10	6.50	5.00	0.75	0.00	1.65	2.10	3.60	7.25	18	257	9.25	6.75
11	7.00	5.75	1.20	0.00	0.15	2.55	5.25	8.50	17	227	8.75	6.75
12	7.00	6.50	1.20	0.00	0.00	2.70	5.50	12	17	199	10	7.50
13	6.75	6.25	0.45	0.00	0.00	3.00	3.20	20	17	175	10	6.00
14	6.50	5.50	1.80	0.00	0.00	3.00	2.85	29	19	150	9.25	5.75
15	4.80	6.25	2.70	1.05	0.00	3.00	6.75	33	23	129	9.00	5.75
16	4.40	7.75	1.50	0.60	0.00	4.80	7.00	27	22	110	8.50	7.00
17	4.20	6.25	2.10	0.45	0.00	5.00	7.50	25	22	103	8.25	8.50
18	4.00	6.75	1.95	0.15	1.35	5.75	5.75	30	21	92	9.00	10
19	4.00	7.00	1.50	0.00	2.10	5.50	4.20	108	19	82	11	8.00
20	4.40	9.50	2.10	0.00	1.35	5.25	6.50	224	20	73	15	8.50
21	3.80	8.00	2.10	0.45	0.00	6.25	5.75	267	22	63	18	7.00
22	3.40	7.25	1.65	0.90	0.00	6.50	4.60	286	25	57	17	7.75
23	2.70	9.00	0.75	0.30	1.35	6.25	6.00	280	21	57	13	5.50
24	2.55	11	1.05	1.80	0.75	4.40	5.00	257	18	54	14	4.60
25	2.85	14	1.20	2.10	0.75	5.25	5.50	222	17	47	14	5.25
26	3.40	16	1.20	2.25	0.75	9.75	5.00	183	23	41	16	5.25
27	4.60	14	0.90	3.20	0.30	9.00	6.25	146	53	36	15	6.00
28	4.20	10	1.05	3.20	1.65	7.50	7.75	105	123	29	14	6.75
29	3.60	8.75	1.05	2.40	1.50	7.00	8.00	78	161	27	-	5.25
30	4.20	6.00	2.10	1.95	1.20	6.75	7.50	59	191	24	-	4.80
31	-	3.80	-	2.85	1.80	-	5.75	-	169	25	-	6.25
Total	166.60	212.75	39.75	29.35	36.35	123.90	179.35	2,486.50	1,307	4,224	365.00	222.15
Mean	5.55	6.86	1.32	0.95	1.17	4.13	5.78	82.9	42.2	136	13.0	7.17
Max.	10	16	2.85	3.20	3.40	9.75	8.00	286	191	402	23	12
Min.	2.55	2.85	0.15	0.00	0.00	0.15	2.85	5.75	17	24	8.25	4.60
Runoff - mcm.	14.394	18.382	3.434	2.536	3.140	10.705	15.496	214.833	112.925	364.954	31.536	19.194

WATER YEAR 1974 : Max. 402 Min. 0.00 Mean 25.7 Annual Runoff 811.529 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan.5, 75	12.00	7.71	412				

KHLONG U-THAPHAO RIVER BASIN

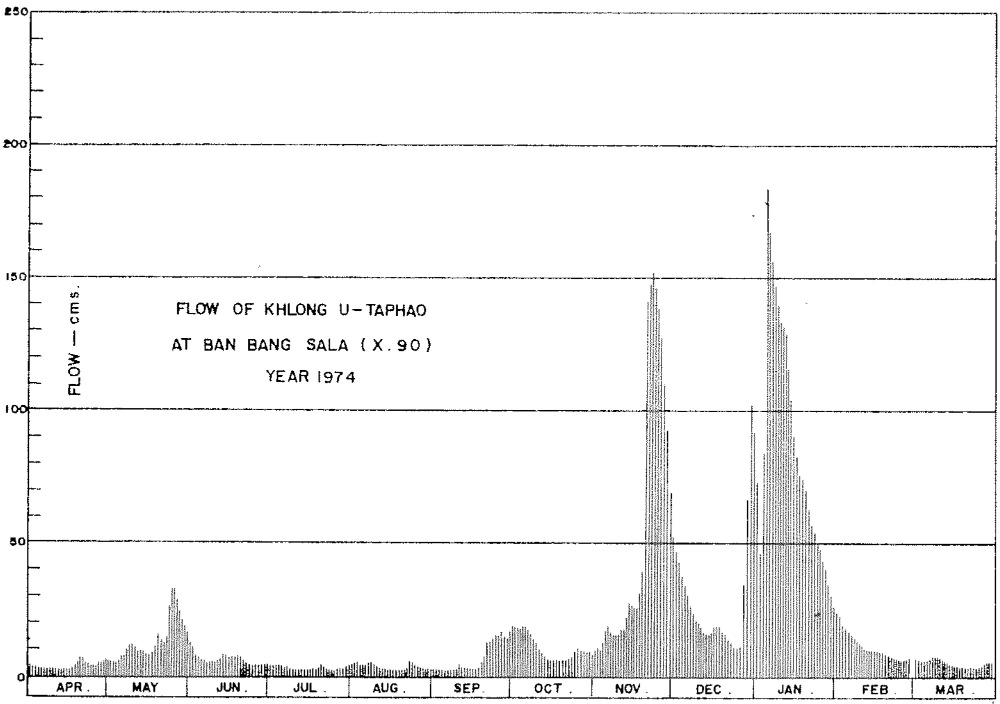
Khlong U-Taphao at Ban Bang Sala, Songkhla (X.90)

Location:	Lat. 6°-55'-39" N., Long. 100°-26'-37" E., on left bank upstream side of the bridge about 5 meters near the Pattana Tambon street, Amphoe Hat Yai, Songkhla.
Drainage Area:	1,425 Sq.km.
Type of Gage:	Staff gage.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	BM1 on right bank about 46 meters. BM2 on left bank about 68 meters from gage site.
Elevation:	BM1 + 5.909 m. (A.D.), BM2 + 7.651 m. (A.D.)
Gage Reading Frequency:	5-7 time daily readings at 03.00, 06.00, 09.00, 12.00, 15.00, 18.00 and 21.00 hours.
Basis of Mean Daily Gage Height:	Arithmetic mean of 5-7 readings.
Period of Available Gage Records:	1971 to date.
Rating Operation:	
Period of Rating:	1971-1972.
Rated by Float:	-
Rated by Current Meter:	1971-1972.
Stability of Channel Regimes:	Stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 147 discharge measurements made in 1972.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	1.18	1.30	1.91	1.18	1.21	1.00	2.28	1.67	3.94	5.29	2.57	1.45
2	.10	.29	.66	.17	.28	.00	.25	.76	.70	4.38	.46	.41
3	.09	.26	.50	.17	.28	.00	.20	.66	.49	3.64	.31	.39
4	.05	.20	.41	.17	.21	0.98	.21	.91	.31	5.18	.19	.36
5	.02	.33	.38	.17	.20	.98	.28	2.12	.08	8.79	.15	.37
6	1.00	1.50	1.31	1.10	1.22	1.00	2.26	2.28	2.94	8.22	2.09	1.40
7	.01	.52	.30	.10	.29	.00	.17	.18	.76	7.86	.04	.50
8	.01	.70	.30	.08	.30	0.98	.08	.10	.60	.65	1.99	.50
9	.01	.83	.29	.03	.27	.98	1.98	.10	.47	.43	.88	.51
10	.01	.85	.30	.00	.19	1.05	.88	.10	.38	.20	.81	.51
11	1.01	1.74	1.32	1.01	1.13	1.26	1.70	2.21	2.26	7.11	1.77	1.41
12	.00	.62	.32	.02	.09	.11	.61	.22	.13	.01	.70	.37
13	0.99	.62	.42	.00	.08	.10	.53	.46	.10	6.70	.70	.33
14	.98	.63	.53	.01	.05	.08	.44	.74	.10	.25	.70	.26
15	.06	.57	.48	.02	.01	.08	.40	.69	.09	5.78	.70	.20
16	0.97	1.51	1.44	1.00	1.00	1.08	1.40	2.63	2.25	5.36	1.69	1.18
17	1.01	.58	.49	.03	.00	.08	.40	.66	.30	4.99	.64	.16
18	.10	.61	.47	.03	.00	.11	.38	.89	.26	.94	.60	.13
19	.24	.83	.51	.04	.00	.25	.38	3.39	.18	.88	.59	.13
20	.46	2.11	.46	.19	.00	.40	.39	6.16	.08	.64	.57	.13
21	1.46	1.95	1.36	1.15	1.00	1.70	1.40	7.44	1.98	4.44	1.50	1.12
22	.32	.82	.31	.07	.02	.90	.43	.67	.90	.18	.45	.12
23	.20	.96	.23	.00	.34	.91	.44	.80	.81	.05	.44	.15
24	.17	2.57	.20	.00	.28	2.00	.60	.60	.75	3.94	.43	.15
25	.13	3.01	.20	.00	.18	.02	.68	.31	.74	.86	.40	.16
26	1.14	3.02	1.19	1.00	1.10	2.10	1.78	6.89	1.73	3.65	1.44	1.18
27	.22	2.79	.18	.03	.06	.15	.71	.30	2.49	.45	.41	.24
28	.27	.61	.19	.08	.05	.06	.63	5.55	3.79	.15	.45	.31
29	.27	.45	.21	.15	.04	1.95	.62	4.90	5.23	2.95		.36
30	.38	.27	.25	.17	.00	2.14	.63	.35	6.09	.74		.32
31		.14			.00		.55		5.70	.60		.30
Mean	1.12	1.88	1.37	1.07	1.12	1.38	1.73	3.86	2.79	5.23	1.77	1.29
Max.	1.46	3.02	1.91	1.19	1.34	2.15	2.28	7.80	6.09	8.79	2.57	1.51
Min.	0.96	1.20	1.18	1.00	1.00	0.98	1.38	1.66	1.74	2.60	1.40	1.12

WATER YEAR 1974 : Max. 8.79 m. Min. 0.96 m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	4.20	5.40	13	4.20	4.50	2.50	19	9.98	52	83	24	7.10
2	3.40	5.30	9.84	4.10	5.20	2.50	19	11	47	61	22	6.62
3	3.31	5.00	7.70	4.10	5.20	2.50	18	9.84	43	46	19	6.39
4	2.95	4.40	6.62	4.10	4.50	2.34	18	13	39	81	18	6.06
5	2.68	5.73	6.28	4.10	4.40	2.34	19	16	35	184	17	6.17
6	2.50	7.70	5.51	3.40	4.60	2.50	19	19	32	165	16	6.50
7	2.59	7.96	5.40	3.40	5.30	2.50	17	17	28	154	15	7.70
8	2.59	10	5.40	3.22	5.40	2.34	16	16	25	147	14	7.70
9	2.59	12	5.30	2.77	5.10	2.34	14	16	22	141	13	7.83
10	2.59	12	5.40	2.50	4.30	2.95	13	16	21	134	12	7.83
11	2.59	11	5.62	2.59	3.70	5.00	10	18	19	132	11	6.62
12	2.50	9.28	5.62	2.68	3.31	3.50	9.14	18	17	129	10	6.17
13	2.42	9.28	6.74	2.50	3.22	3.40	8.09	22	16	120	10	5.73
14	2.34	9.42	8.09	2.59	2.95	3.22	6.98	28	16	108	10	5.00
15	2.18	8.61	7.46	2.68	2.59	3.22	6.50	27	16	95	10	4.40
16	2.26	7.83	6.98	2.50	2.50	3.22	6.50	26	19	85	10	4.20
17	2.59	8.74	7.58	2.77	2.50	3.22	6.50	26	19	76	9.56	4.00
18	3.40	9.14	7.34	2.77	2.50	3.50	6.28	31	19	75	9.00	3.70
19	4.80	12	7.83	2.86	2.50	4.90	6.28	41	17	73	8.87	3.70
20	7.22	16	7.22	4.30	2.50	6.50	6.39	105	16	68	8.61	3.70
21	7.22	14	6.06	3.90	2.50	10	6.50	141	14	63	7.70	3.60
22	5.62	12	5.51	3.13	2.68	13	6.86	148	13	57	7.10	3.60
23	4.40	14	4.70	2.50	5.84	13	6.98	152	12	54	6.98	3.90
24	4.10	24	4.40	2.50	5.20	15	9.00	146	11	52	6.86	3.90
25	3.70	33	4.40	2.50	4.20	15	10	137	11	50	6.50	4.00
26	3.80	33	4.30	2.50	3.40	16	11	125	11	46	6.98	4.20
27	4.60	29	4.20	2.77	3.04	17	10	109	23	42	6.62	4.80
28	5.10	25	4.30	3.22	2.95	15	9.42	90	49	36	7.10	5.51
29	5.10	22	4.50	3.50	2.86	14	9.28	74	82	32		6.06
30	6.28	19	4.90	3.90	2.50	17	9.42	60	103	28		5.62
31		17		4.10	2.50		8.35		93	25		5.40
Total	111.62	418.79	188.20	98.65	114.44	209.49	341.47	1,667.82	940	2,642	322.88	167.71
Mean	3.72	13.5	6.27	3.18	3.69	6.98	11.0	55.6	30.3	85.2	11.5	5.41
Max.	7.22	33	13	4.30	5.84	17	19	152	103	184	24	7.83
Min.	2.18	4.40	4.20	2.50	2.50	2.34	6.28	9.84	11	25	6.50	3.60
Runoff - mcm.	9.644	36.183	16.260	8.523	9.888	18.100	29.503	144.100	81.216	228.269	27.897	14.490

WATER YEAR 1974 : Max. 184 Min. 2.18 Mean 19.8 Annual Runoff 624.073 mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jan. 5	12.00	8.95	189				

KHLONG AO YON RIVER BASIN

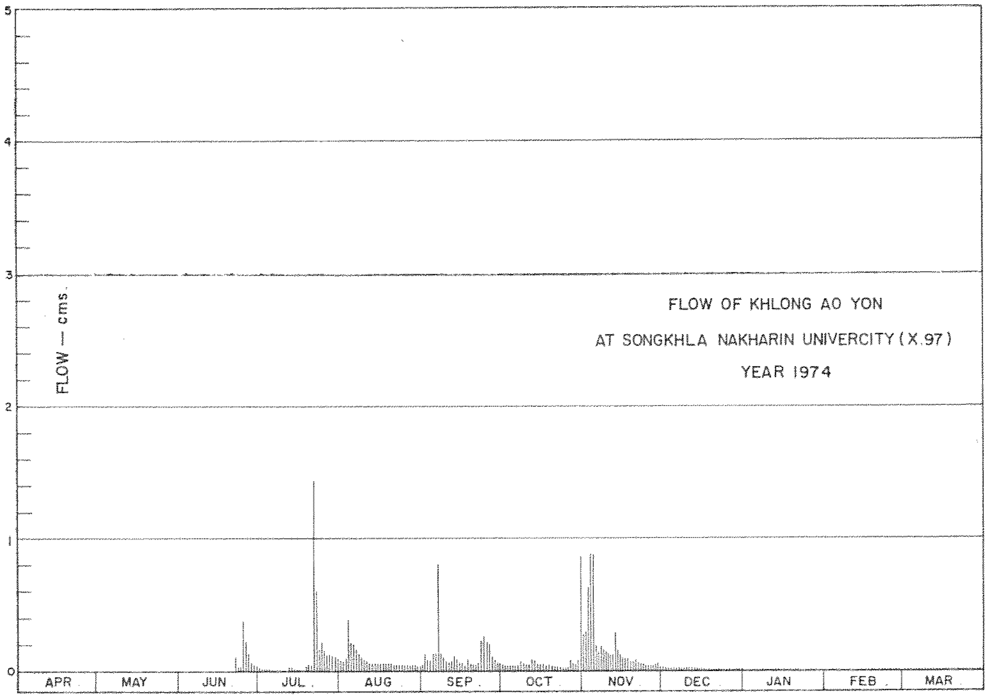
Khlong Ao Yon at Songkhla Nakharin University, Phuket (X.97)

Location:	Lat. 7°-49'-07" N., Long. 98°-23'-44" E., on left bank near Tank Project of Songkhla Nakharin University, Amphoe Muang, Phuket.
Drainage Area:	2 Sq.km.
Type of Gage:	Water-stage recorder.
Zero Gage at Bottom at:	+ 0.00 m. (A.D.)
Bench Mark:	B.M. - H.S.
Location:	on left bank near gage site.
Elevation:	+ 2.240 m. (A.D.)
Gage Reading Frequency:	Recording
Basis of Mean Daily Gage Height:	Arithmetic mean of 24 hourly readings.
Period of Available Gage Records:	1974, 1976 to date.
Rating Operation:	
Period of Rating:	1974, 1976 to date.
Rated by Float:	-
Rated by Current Meter:	1974, 1976 to date.
Stability of Channel Regimes:	Fairly stable, no shifting adjustment for flow computation.
Overbank Flow Conditions:	No overbank flow.
General Description:	Records fair. Stage-discharge relation defined by 116 discharge measurements made in 1974.
Remarks:	Discharge record for periods of no flow are omitted.

GAGE HEIGHT IN METER (A.D.), WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1				0.36	0.44	0.39	0.41	0.53	0.38	0.32	0.30	0.28
2	Stream gaging began			.35	.42	.48	.40	.55	.38	.32	.30	.27
3	on June 22, 74			.35	.45	.43	.40	.63	.37	.32	.30	.27
4				.34	.57	.45	.39	.68	.37	.32	.30	.26
5				.34	.53	.49	.39	.68	.36	.34	.30	.24
6				0.33	0.53	0.48	0.40	0.52	0.36	0.33	0.29	0.23
7				.32	.50	.66	.40	.49	.36	.32	.29	.23
8				.32	.47	.49	.43	.52	.36	.32	.29	.26
9				.32	.45	.44	.41	.50	.36	.32	.29	.23
10				.32	.44	.42	.41	.49	.36	.32	.29	.21
11				0.32	0.43	0.41	0.41	0.47	0.36	0.32	0.29	0.19
12				.32	.42	.44	.44	.46	.36	.32	.29	.17
13				.38	.41	.47	.44	.51	.35	.32	.29	.13
14				.35	.41	.43	.41	.50	.35	.32	.29	.11
15				.34	.41	.42	.41	.47	.35	.32	.29	.08
16				0.33	0.41	0.41	0.40	0.46	0.35	0.32	0.29	0.06
17				.33	.41	.40	.41	.45	.34	.32	.29	.03
18				.33	.41	.44	.40	.44	.34	.31	.29	.01
19				.36	.41	.41	.39	.44	.34	.31	.29	
20				.40	.41	.40	.39	.43	.34	.31	.29	
21				0.37	0.41	0.40	0.38	0.44	0.34	0.31	0.29	
22			0.46	.65	.39	.42	.38	.42	.34	.31	.29	
23			.37	.66	.40	.54	.38	.41	.34	.31	.29	
24			.37	.50	.40	.56	.37	.41	.34	.31	.28	
25			.62	.54	.40	.54	.37	.41	.33	.31	.28	
26			0.55	0.49	0.40	0.54	0.37	0.40	0.34	0.31	0.28	
27			.50	.47	.39	.48	.44	.40	.34	.31	.28	
28			.43	.48	.39	.44	.41	.40	.33	.30	.28	
29			.39	.46	.39	.43	.41	.42	.33	.30		
30			.37	.47	.39	.42	.45	.39	.33	.30		
31				.46	.39		.70		.33	.30		
Mean				0.40	0.43	0.46	0.41	0.48	0.35	0.31	0.29	0.10
Max.				0.65	0.57	0.66	0.70	0.68	0.38	0.32	0.30	0.28
Min.				0.32	0.39	0.39	0.37	0.39	0.33	0.30	0.28	0.01

WATER YEAR : Max. m. Min. m.



DISCHARGE, IN CUBIC METERS PER SECOND, WATER YEAR APRIL 1, 1974 TO MARCH 31, 1975

Day	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1				0.030	0.090	0.045	0.060	0.21	0.040	0.010	0.00	0.00
2				0.025	0.070	0.13	0.050	0.31 *	0.040	0.010		
3	Stream Gaging			0.025	0.10	0.080	0.050	0.71 *	0.035	0.010		
4	began on June 22, 74			0.020	0.39 *	0.10	0.045	0.88 *	0.035	0.010		
5				0.020	0.21	0.14	0.045	0.88 *	0.030	0.020		
6				0.015	0.21	0.13	0.050	0.19	0.030	0.015		
7				0.010	0.15	0.81	0.050	0.14	0.030	0.010		
8				0.010	0.12	0.14	0.080	0.19	0.030	0.010		
9				0.010	0.10	0.090	0.060	0.15	0.030	0.010		
10				0.010	0.090	0.070	0.060	0.14	0.030	0.010		
11				0.010	0.080	0.060	0.060	0.12	0.030	0.010		
12				0.010	0.070	0.090	0.090	0.11	0.030	0.010		
13				0.040	0.060	0.12	0.090	0.30 *	0.025	0.010		
14				0.025	0.060	0.080	0.060	0.15	0.025	0.010		
15				0.020	0.060	0.070	0.060	0.12	0.025	0.010		
16				0.015	0.060	0.060	0.050	0.11	0.025	0.010		
17				0.015	0.060	0.050	0.060	0.10	0.020	0.010		
18				0.015	0.060	0.090	0.050	0.090	0.020	0.005		
19				0.030	0.060	0.060	0.045	0.090	0.020	0.005		
20				0.050	0.060	0.050	0.045	0.080	0.020	0.005		
21				0.035	0.060	0.050	0.040	0.090	0.020	0.005		
22			0.11	1.43	0.045	0.070	0.040	0.070	0.020	0.005		
23			0.035	0.61	0.050	0.23	0.040	0.060	0.020	0.005		
24			0.035	0.15	0.050	0.27	0.035	0.060	0.020	0.005		
25			0.40	0.23	0.050	0.23	0.035	0.060	0.015	0.005		
26			0.25	0.14	0.050	0.23	0.035	0.050	0.020	0.005		
27			0.15	0.12	0.045	0.13	0.090	0.050	0.020	0.005		
28			0.080	0.13	0.045	0.090	0.060	0.050	0.015	0.00	0.00	
29			0.045	0.11	0.045	0.080	0.060	0.070	0.015	0.00		
30			0.035	0.12	0.045	0.070	0.10	0.045	0.015	0.00		
31				0.11	0.045		0.87		0.015	0.00		0.00
Total				3.590	2.690	3.915	2.565	5.675	0.765	0.235	0.00	0.00
Mean				0.11	0.087	0.13	0.083	0.19	0.025	0.007	0.00	0.00
Max.				1.43	0.39	0.81	0.87	0.88	0.040	0.010	0.00	0.00
Min.				0.010	0.045	0.045	0.035	0.045	0.015	0.00	0.00	0.00
Runoff - mcm.				0.310	0.232	0.338	0.222	0.490	0.066	0.020	0.00	0.000

WATER YEAR 1974 : Max. 1.43 Min. 0.00 Mean Annual Runoff mcm.

Momentary Peak Discharge

Date	Time	Gage-Height	Discharge	Date	Time	Gage-Height	Discharge
Jul. 22	23.30	2.17	24				