

Appendix 6. References

6-1. Traffic Volume Data

TRAFFIC COUNT SURVEY RESULTS (I -1/3)

Date of Survey : 01 February, 2000

Time of Survey : From 5:00 until 21:00

Survey Station : 5+000 (Route 6A)

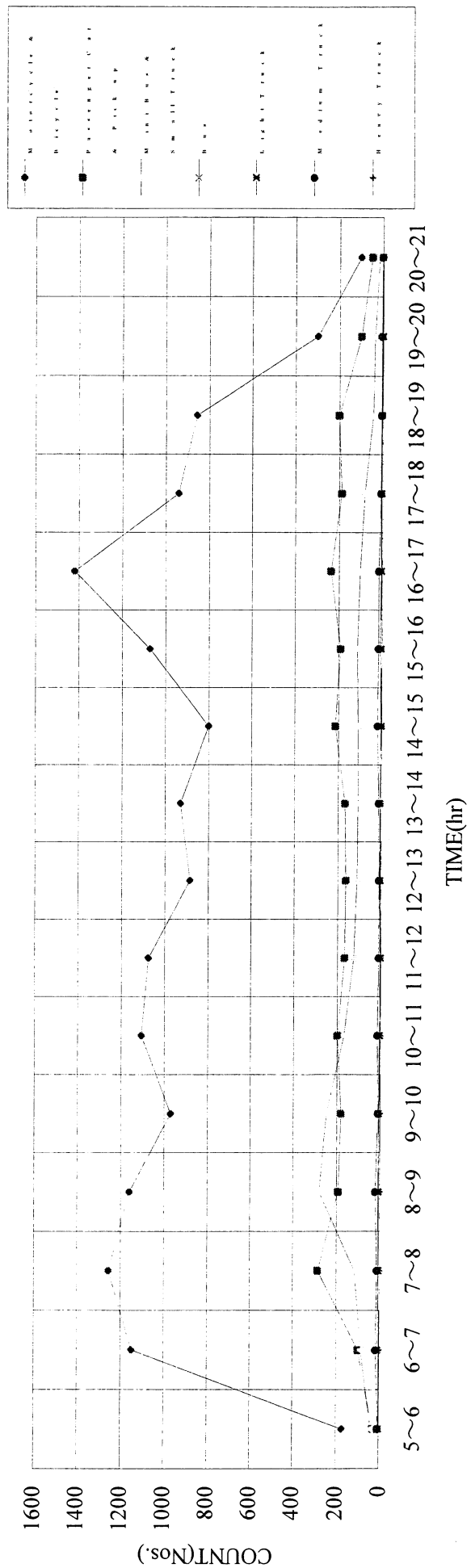
Direction : (Skun to Phnom Penh) & (Phnom Penh to Skun)

TRAFFIC COUNT DATA

Type	Time	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle		172	1148	1256	1160	970	1106	1075	885	930	801	1072	1420	942	856	299	101	14,193	74.5
Passenger Car & Pick up		30	99	285	193	181	198	168	163	169	214	192	236	188	201	100	50	2,667	14.0
Mini Bus & Small Truck		38	85	118	279	248	169	126	113	109	111	115	104	82	44	38	17	1,796	9.4
Bus		1	3	7	8	6	2	6	3	5	4	5	3	7	3	0	2	65	0.3
Light Truck		5	10	4	6	8	5	1	6	8	2	5	6	4	5	1	2	78	0.4
Medium Truck		7	17	13	22	10	15	10	10	14	20	17	17	8	6	6	2	194	1.0
Heavy Truck		2	1	0	0	1	0	2	9	4	5	10	6	9	4	3	0	56	0.3
Total		255	1363	1683	1668	1424	1495	1388	1189	1239	1157	1416	1792	1240	1119	447	174	19,049	100.0

(Unit : Vehicle)

TRAFFIC COUNT



TRAFFIC COUNT SURVEY RESULTS (I -2/3)

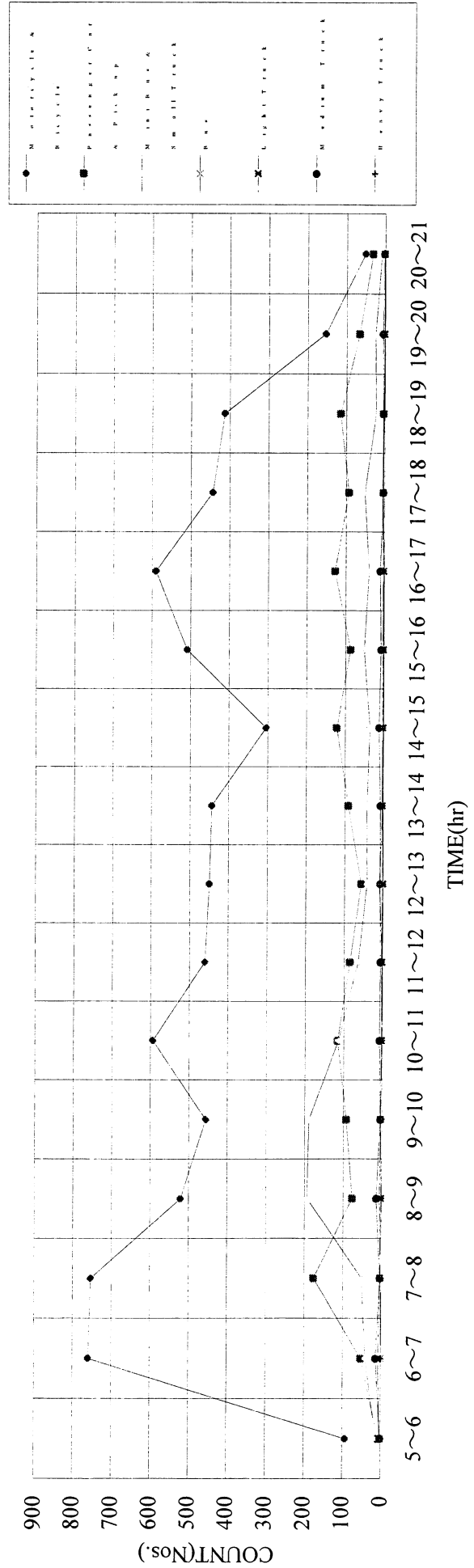
DATE OF SURVEY : 01 FEBRUARY, 2009
 TIME OF SURVEY : FROM 5 AM UNTIL 21.00 HRS
 SURVEY STATION : KANAKA KUNDA (K.A.S.)
 DIRECTION : KANAKA KUNDA - PANDRA

TRAFFIC COUNT DATA

	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle	93	760	754	521	456	594	460	450	444	304	509	590	444	413	154	52	6,998	73.0
Passenger Car & Pick up	6	53	176	77	93	116	85	57	91	122	87	128	93	115	67	32	1,398	14.6
Mini Bus & Small Truck	13	41	52	193	189	114	64	42	43	36	52	40	52	23	25	9	988	10.3
Bus	0	0	2	5	3	1	3	1	1	3	3	1	5	1	0	2	31	0.3
Light Truck	3	8	3	1	3	2	1	0	3	1	1	1	4	3	1	1	36	0.4
Medium Truck	1	14	3	14	4	7	6	8	8	12	8	11	3	4	5	2	110	1.1
Heavy Truck	0	0	0	0	0	0	1	9	2	1	1	4	5	3	1	0	27	0.3
Total	116	876	990	811	748	834	620	567	592	479	661	775	606	562	253	98	9,588	100.0

(Unit : Vehicle)

TRAFFIC COUNT



TRAFFIC COUNT SURVEY RESULTS (I -3/3)

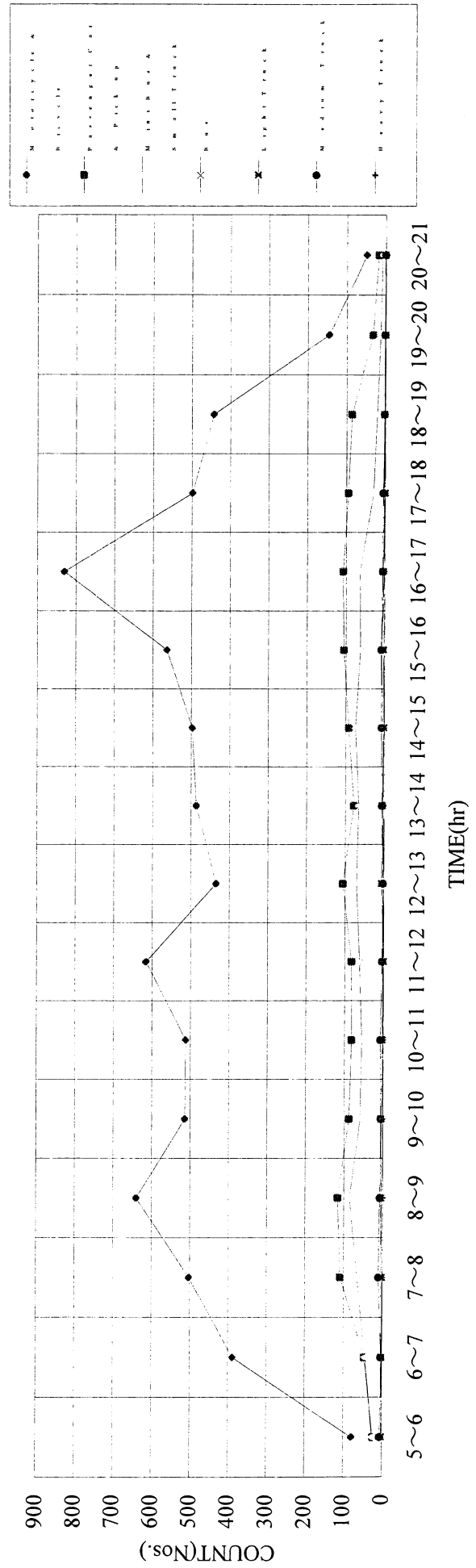
DATE : 2011.03.23
 TIME : 08:00 ~ 18:00
 LOCATION : 1000M (1000M) (1000M)
 SECTION : 1000M (1000M) (1000M)

TRAFFIC COUNT DATA

	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle	79	388	502	639	514	512	615	435	486	497	563	830	498	443	145	49	7,195	76.0
Passenger Car & Pick up	24	46	109	116	88	82	83	106	78	92	105	108	95	86	33	18	1,269	13.4
Mini Bus & Small Truck	25	44	66	86	59	55	62	71	66	75	63	64	30	21	13	8	808	8.5
Bus	1	3	5	3	3	1	3	2	4	1	2	2	2	2	0	0	34	0.4
Light Truck	2	2	1	5	5	3	0	6	5	1	4	5	0	2	0	1	42	0.4
Medium Truck	6	3	10	8	6	8	4	2	6	8	9	6	5	2	1	0	84	0.9
Heavy Truck	2	1	0	0	1	0	1	0	2	4	9	2	4	1	2	0	29	0.3
Total	139	487	693	857	676	661	768	622	647	678	755	1017	634	557	194	76	9,461	100.0

(Unit : Vehicle)

TRAFFIC COUNT



TRAFFIC COUNT SURVEY RESULTS (Ⅱ-1/3)

DATE OF SURVEY : 2008.08.21

TIME OF SURVEY : FROM 5:00 AM TO 21:00 PM

STREET SURVEY : NAKASEKI STREET (A-1)

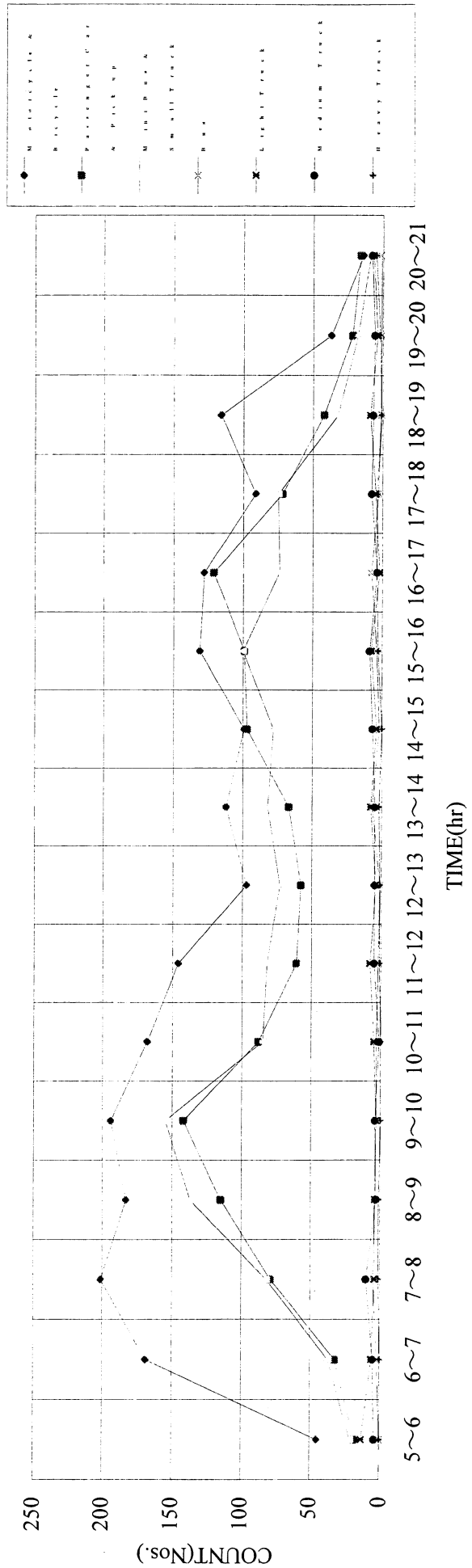
DIRECTION : FROM PARKING LOT TO STREET

TRAFFIC COUNT DATA

(Unit : Vehicle)

	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle	45	169	201	183	194	168	146	97	112	99	131	128	91	116	37	14	1,931	43.3
Passenger Car & Pick up	18	32	79	115	142	88	61	58	67	97	99	121	72	42	22	16	1,129	25.3
Mini Bus & Small Truck	21	37	82	137	155	85	82	73	82	78	100	74	75	32	18	9	1,140	25.6
Bus	0	2	5	4	3	3	2	1	7	2	4	8	3	1	1	1	47	1.1
Light Truck	13	6	4	4	3	5	8	4	8	4	8	2	5	9	4	7	94	2.1
Medium Truck	4	5	10	3	4	1	5	5	5	7	9	4	8	7	6	8	91	2.0
Heavy Truck	0	0	1	1	0	0	1	1	2	0	3	4	4	1	2	5	25	0.6
Total	101	251	382	447	501	350	305	239	283	287	354	341	258	208	90	60	4,457	100.0

TRAFFIC COUNT



TRAFFIC COUNT SURVEY RESULTS (Ⅱ-2/3)

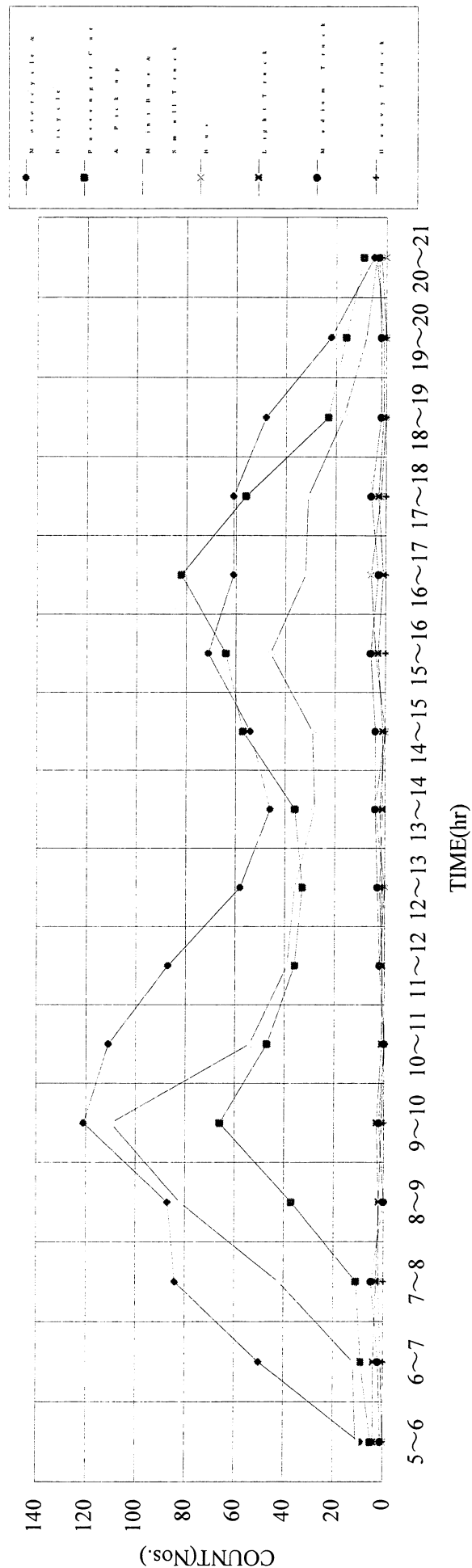
DATE OF SURVEY : 2008.08.28
 TIME : 08:00 ~ 18:00
 SURVEY LOCATION : 100m (K-2001.0A)
 DIRECTION : FROM K-2001.0A

TRAFFIC COUNT DATA

	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle	9	50	84	87	121	111	87	58	46	54	71	61	61	48	22	5	975	43.3
Passenger Car & Pick up	5	9	11	37	66	47	36	33	36	57	64	82	56	23	16	9	587	26.1
Mini Bus & Small Truck	11	12	42	82	110	54	39	36	28	29	46	32	31	17	8	4	581	25.8
Bus	0	1	2	2	1	0	2	0	4	0	4	6	2	0	0	0	24	1.1
Light Truck	4	4	3	2	3	1	1	2	1	1	3	1	3	1	1	4	35	1.6
Medium Truck	1	2	5	0	2	0	2	3	4	4	6	3	6	2	2	3	45	2.0
Heavy Truck	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	2	6	0.3
Total	30	78	147	210	303	213	168	133	121	145	194	185	159	91	49	27	2,253	100.0

(Unit : Vehicle)

TRAFFIC COUNT

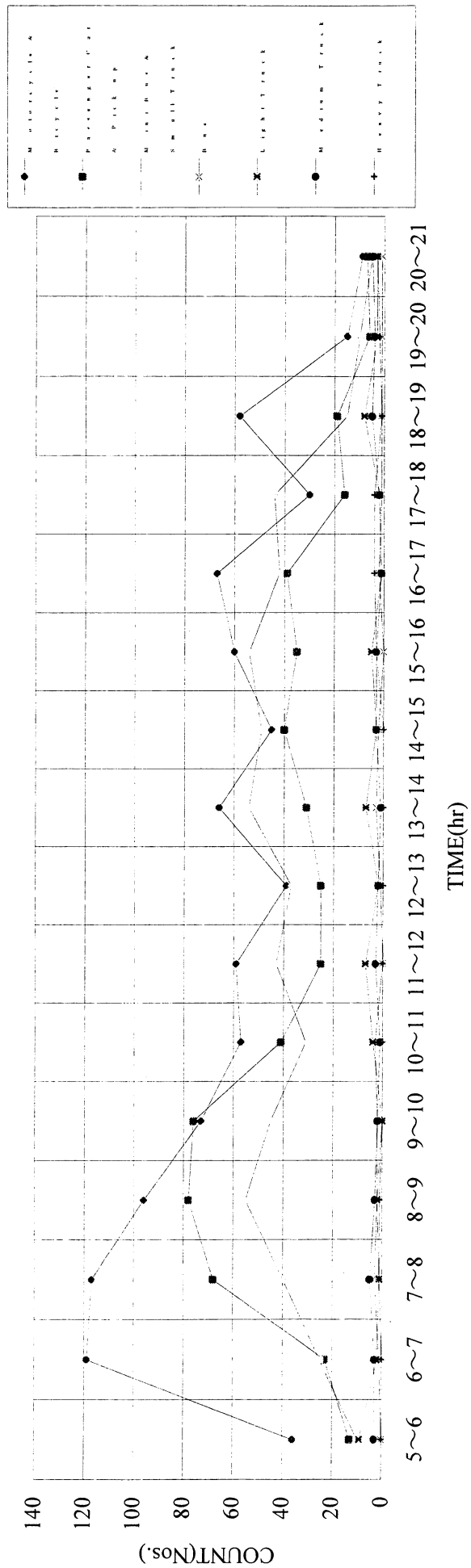


TRAFFIC COUNT SURVEY RESULTS (II -3/3)

Date of Survey : 09 February, 2000
 Time of Survey : From 5:00 until 21:00
 Survey Station : 39+837 (Route 6A)
 Direction : Phnom Penh to Skun

TRAFFIC COUNT DATA																		(Unit : Vehicle)	
Type	Time	5~6	6~7	7~8	8~9	9~10	10~11	11~12	12~13	13~14	14~15	15~16	16~17	17~18	18~19	19~20	20~21	Total	%
Motorcycle & Bicycle		36	119	117	96	73	57	59	39	66	45	60	67	30	58	15	9	946	43.1
Passenger Car & Pick up		13	23	68	78	76	41	25	25	31	40	35	39	16	19	6	7	542	24.7
Mini Bus & Small Truck		10	25	40	55	45	31	43	37	54	49	54	42	44	15	10	5	559	25.5
Bus		0	1	3	2	2	3	0	1	3	2	0	2	1	1	1	1	23	1.0
Light Truck		9	2	1	2	0	4	7	2	7	3	5	1	2	8	3	3	59	2.7
Medium Truck		3	3	5	3	2	1	3	2	1	3	3	1	2	5	4	5	46	2.1
Heavy Truck		0	0	1	1	0	0	0	0	0	0	3	4	4	1	2	3	19	0.9
Total		71	173	235	237	198	137	137	106	162	142	160	156	99	107	41	33	2,194	100.0

TRAFFIC COUNT



6-2. Geological Data

Appendix 6-2. Geological Survey

(1) Outline of the Survey

1) The Purpose and the Outline of Investigation

Geotechnical investigation was carried out at Br.24, Br.25 and Br.26 of NHR 6A to obtain data on bridge foundation, embankment material and river bed material.

Machine boring survey with standard penetration test, disturbed sampling, soil laboratory test and embankment material survey with sampling, soil laboratory test (CBR-test, physical test), river bed material survey with field unit weight test, sampling, physical test were conducted.

Those outlines are as shown below and those location map, geological profile are shown in the end of this Appendix.

2) Machine Boring Survey

Machine boring survey was carried out at the bridge site as shown in Table 6.2.1.

Table 6.2.1 Quantities of Machine Boring Survey

BoringN O.	Depth(m)	Station NO.	SPT(Nos.)	Ground W.L(m)	Sampling &Test	Remark
BH24-1	16.0	39+863.35 R22	14	GL-2.24	14 (4)	
BH24-2	17.0	39+984.95 R15	16	GL-3.50	16 (4)	
BH25-1	16.0	40+480 R26.1	15	GL-1.65	15 (4)	
BH25-2	15.0	40+530 R27.1	15	GL-1.65	15 (4)	
BH26-1	24.0	41+163 L1.4	22	GL-5.89	22 (4)	
BH26-2	23.0	41+242.3 Center	17	GL-5.63	17 (4)	
Total	111.0		99		99 (24)	

Notes. SPT: Standard Penetration Test

() Quantities of Test

3) In-Situ Test and Soil Laboratory Test.

In-situ test and soil laboratory test were conducted for bridge foundation, embankment material and river bed material survey. Those items and quantities are shown in Table 6.2.2 :

Table 6.2.2 ASTM Standard, Quantities of In-Situ Test and Laboratory Soil Test

Item of test	ASTM Standard	Bridge Foundation	Embankment Material	River bed Material	Total
Field Unit Weight	D-1556-64	-	-	9	9
CBR Test	D-1883	-	3	-	3
Specific Gravity	D-854-58	24	3	9	36
Natural Water Contents	D-2216	24	3	9	36
Gradation	D-422	24	3	9	36
Liquid Limit	D-423	24	3	9	36
Plastic Limit	D-424	24	3	9	36

4) Embankment Material Survey.

Borrow pit for embankment material (cohesive soil) was selected near each bridge. Items and quantities of the embankment material survey are shown in Table 6.2.2.

5) River Bed Material Survey

This survey was carried out at upstream, center and downstream of three rivers. Field unit weight, sampling and soil laboratory test were conducted. The items and quantities are shown in Table 6.2.2.

(2) Design Soil Value

1) General

The soils subjected to analysis for the earth work design are Alluvium and Diluvium deposit of which a total 36 samples were taken, mainly by disturbed sampling, test pit sampling and analyzed for the following soil categories:

Alluvium and Diluvium deposit:	
Cohesive Soil (disturbed samples)	20 Samples.
Sandy Soil (disturbed samples)	4 Samples
River Bed Materials:	9 Samples
Embankment Materials:	3 Samples
Total	36 Samples

The laboratory soils tests were carried out based on the ASTM standards as show in Table 6.2.2.

From the results of those tests, the soil characteristics are clarified and the design soil values were determined for use in analyzing embankment, river bed materials and bearing strata for structural foundation.

2) Soil Laboratory Test Results

(i) Physical Properties of the Soils

i) Particle Size Gradation

The gradation of three soil categories is shown in Table 6.2.3.

Cohesive deposit (Dc) and river bed materials contain fine particles of silt (23.7~33.5.%) and clay (17.2~49.1%) total 44.8~83.0% by total weight.

Deposit Ds contain coarse particle of sand and gravel more than 83.0 % by total weight.

Table 6.2.3 Results of Particle Gradation

Items of Gradation And Average Deposit	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	No.10 (2.00) (%)	No.40 (0.425) (%)	No.200 (0.075) (%)
	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range
Cohesive Soil	0.0	59.2	23.7	17.2	100.0	80.5	40.9
	-	51.4 ~66.9	14.9~32.5	10.0~24.3	-	75.7~85.4	33.1~48.6
Sandy Soil	0	83.0	10.8	6.3	100.0	93.1	17.0
	-	78.2~87.8	7.7~13.8	1.1~11.4	-	85.7~100	12.2~21.8
River Bed Materials	2.2	15.2	33.5	49.1	97.8	92.7	82.6
	0.6~3.9	10.7~19.7	20.0~47.0	36.4~61.8	96.1~99.4	87.9~97.5	77.2~88.0
Embankment Material	31.4	32.4	23.2	13.0-	68.6	50.0	36.2
	2.1~60.6	17.6~47.3	2.0~44.4	2.5~30.8	39.4~97.9	9.0~91.0	11.8~75.1

ii) Characteristics of Consistency

The characteristics of consistency is summarized in Table 6.2.4. The outline of the test results is mentioned below.

- Dc-Deposit: No change of consistency is observed with increasing depth below ground.
- According to the consistency chart, Dc-deposit and river bed materials are classified as CL.

- Colloidal activity
River bed materials are classified as non-active clay (Mainly Kaolinite).
Dc-deposit is classified as follows:
 - Ordinary clay (mainly illite) $A=0.75\sim1.25$. 65%
 - Active-clay (including organic colloid) $A=1.25\sim2.00$. 35%
- Dc-deposit and river bed material are stable with the relation of $W_n < W_L$ and $I_c = 0.5\sim1.0$.

Table 6.2.4 Results of Consistency

Items of Consistency Deposit	W_n (%)	W_L (%)	I_p	I_f	I_t	I_c	Activity Ratio
	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range	Representative Range
Cohesive Soil	23.4	34.4	18.2	6.8	2.8	0.5	1.4
	19.7~27.1	27.0~41.7	11.9~24.4	4.8~8.7	1.8~3.8	0.2~0.8	0.9~1.8
River Bed Materials	16.2	34.6	18.0	7.2	2.7	1.0	0.5
	9.2~23.2	26.3~42.9	9.8~26.2	3.8~10.6	1.8~3.6	0.6~1.3	0.3~0.6
Embankment Materials	11.4	24.7	5.3	3.4	1.5	5.5	1.3
	5.0~21.8	18.8~30.6	1.7~10.7	2.4~4.3	0.3~2.6	1.0~9.7	0.5~2.4

Note

- ML: Non-organic silt, very fine sand, rock flour, silty or clayey fine sand
 CL: Non-organic clay of low to medium plasticity, gravelly clay, sandy clay, Silty clay, low cohesive clay
 OL: Organic silt and organic silty-clay of low plasticity
 MH: Non-organic silt, micaceous or diatomaceous fine sand or silt and elastic silt
 CH: Non-organic clay of high plasticity, high cohesive clay
 OH: Organic clay of medium to high plasticity
 W_n : Natural water content
 W_L : Liquid limit
 I_p : Plasticity index
 I_f : Toughness index ($I_t = I_p/I_f$)
 Degree of shear strength at plastic limit
 I_c : Consistency index (toughness and stability of cohesive soil)
 $I_c = (W_L - W_n)/I_p$
 $I_c \geq 1$ Stable condition
 $I_c = 0$ Unstable condition (liquidated by disturbance)

Colloidal activity: Colloidal activity has deep ties with clay mineral and geological condition of sediment, and is defined by Skempton.

Clay is classified into four groups (refer to Table 6.2.5) from non-active clay to high-active clay as more than 2. It is shown as the following formula.

$$\text{Colloidal activity} = \frac{\text{Plasticity index } I_p}{\text{Soil particle } (\%) \text{ of less than } 2. \mu}$$

Table 6.2.5 Classification by Colloidal Activity

Activity Ratio	Kind of Cohesive Soil by Activity Ratio	Main Clay Mineral	Deposit Condition
$A < 0.75$	Non-active clay	Kaolinite	• Clay of aqueous and fresh water sediments • Clay of Marine deposit which has been leached
$A = 0.75 - 1.25$	Ordinary clay	Illite	Clay of marine and Estuarine deposit
$A > 1.25$	Active clay	• Including organic colloid • $A \geq 2$ is including Montmorillonite	

iii) Specific Gravity, Wet Density and Void Ratio

Specific Gravity, Wet Density and Void Ratio are summarized in Table 6.2.6.

- Specific Gravity (Gs)

The test results yield reasonable values with a standard deviation of 0.021~0.036.

- Wet Density (γ_t)

The tests show reasonable values the relation between γ_t and other factors are shown in the following formula:

$$\gamma_t = \frac{1 + \frac{W_n}{100}}{\frac{1}{G_s} + \frac{100}{S_r}} * \gamma_w$$

Where:

- γ_t : Wet density of soil (t/m^3)
- W_n : Natural water content (%)
- S_r : Degree of saturation (%)
- G_s : Specific gravity

If the soil samples are fully saturated by high ground water at the project site, $S_r=100\%$ is applied to the above formula. The formula becomes the function of natural water content ($G_s = \text{constant}$).

$$\gamma_t = \frac{1 + \frac{W_n}{100}}{\frac{1}{G_s} + \frac{W_n}{100}}$$

Table 6.2.6 Results of G_s , γ_t and e

Deposit \ Items of Soil Properties	Specific Gravity G_s	Wet Density γ_t	Void Ratio e
	Average value	Average value	Average value
	Representative Range	Representative Range	Representative Range
Cohesive Soil	2.626	—	—
	2.598~2.653	—	—
Sandy Soil	2.630	—	—
	2.601~2.659	—	—
River Bed Material	2.598	1.673	0.817
	2.562~2.634	1.574~1.771	0.590~1.044
Embankment Material	2.607	—	—
	2.586~2.627	—	—

The values of wet density are assumed as following:

Ac $\gamma_t = 1.700 \text{ t / m}^3$

Ds $\gamma_t = 1.800 \text{ t / m}^3$

Dc1 $\gamma_t = 1.900 \text{ t / m}^3$

Dc2 $\gamma_t = 1.900 \text{ t / m}^3$

- Void Ratio (e)

Void Ratio of river bed materials has high correlation with natural water content with follows:

$$e = 0.029W_n + 0.344$$

$$\text{Variance} = 1.425$$

$$\text{Correlation of coefficient} = 0.899$$

(ii) Mechanical properties

i) River bed materials

River bed materials survey were carried out at three Places at each bridge site (total 9 place). Its contents and results are shown in Table 6.2.7.

Table 6.2.7 Results of River Bed Material Survey

Sampling location	Soil	Natural Water Content W(%)	Field Density γ_t (t/m ³)	Void Ratio e	Porosity n (%)	Mean Diameter D ₆₅ (mm)
F-7	Silty Clay	17.2	1.748	0.743	42.6	0.013
B24 F-8		30.1	1.482	1.318	56.9	0.013
F-9		21.9	1.724	0.853	46.0	0.0085
F-10		23.4	1.532	1.118	52.8	0.023
Average		23.2	1.622	1.008	50.2	0.014
F-4	Silty Clay	13.7	1.659	0.789	44.1	0.0077
B25 F-5		9.7	1.745	0.647	39.3	0.012
F-6		12.4	1.763	0.651	39.4	0.009
Average		11.9	1.722	0.696	41.0	0.0096
F-1	Silty Clay	14.8	1.766	0.638	38.9	0.012
B26 F-2		11.3	1.667	0.709	41.5	0.0055
F-3		7.7	1.639	0.702	41.2	0.055
Average		11.3	1.691	0.683	40.6	0.024

ii) Embankment Material

Samples of embankment material were taken at 5 place, composed of three place in the field and two place at borrow pit. Major test results are shown in Table 6.2.8.

Table 6.2.8 CBR Test Results

Sampling location	Soil	Natural water content W(%)	γ_d -max. γ_d (t/m ³)	Optimum moisture content W _{opt} (%)	Modified CBR (%)	Swelling Value (%)
B24 F10	Silty Clay	23.4	1.848	14.9	7.5	2.5
B25 F-4	Silty Clay	13.7	1.899	13.0	1.7	4.6
B26 F-2	Silty Clay	11.3	1.860	12.7	2.2	4.1
F-11	Silty sand Gravel	5.0	1.966	11.8	44	0.14
F-12	Silty Sand Gravel	5.9	1.940	12.3	70	0.11
Sta.42 km* TP-1	Sandy Clay	-	1.73	18.0	6.0	-

* CBR Test Data 1992

Material F-10, TP-1 (Diluvium cohesive soil) and F-11, F-12 (Borrow pit material) are appropriate for embankment material.
Design CBR Value shall be CBR = 6.0 %.

(3) Design Soil Value and Foundation

1) Planning Depth and Design Soil Value for Foundation

Table 6.2.9 Planning Depth of Pile Foundation (from mean sea level)
(N-Value > 50)

Place	Br.24	Br.25	Br.26
Abutment (P.Penh Side)	GE = -2m	GE = 0m	GE = -6m
Pier	GE = -9m	-	-
Abutment (Thnal Keng Side)	GE = 0m	GE = 0m	GE = -6m

Table 6.2.10 Design Soil Values for Foundation

Symbols of soil	Soil	N-Value	Natural water content W (%)	Wet Density γ_t (t/m ³)	Modulus of Elasticity E _o (kg/cm ²)
Ac	Silty Clay	6	-	1.70	28N
Ds	Silty fine Sand	10	20.0	1.80	28N
Dc1	Sandy Clay	26	22.0	1.90	28N
Dc2	Sandy Clay	N >50	22.0	1.90	28N

2) Embankment Material

Table 6.2.11 Test Results of Embankment Materials

Sampling location	Soil	Natural water content W(%)	γ_d -max. γ_d (t/m ³)	Optimum moisture content W _{opt} (%)	Modified CBR (%)	Swelling Value (%)
B24 F10	Silty Clay	23.4	1.848	14.9	7.5	2.5
F-11	Silty sand Gravel	5.0	1.966	11.8	44	0.14
F-12	Silty Sand Gravel	5.9	1.940	12.3	70	0.11
Sta.42 km* TP-1	Sandy Clay	-	1.73	18.0	6.0	-

* CBR Test Data 1992

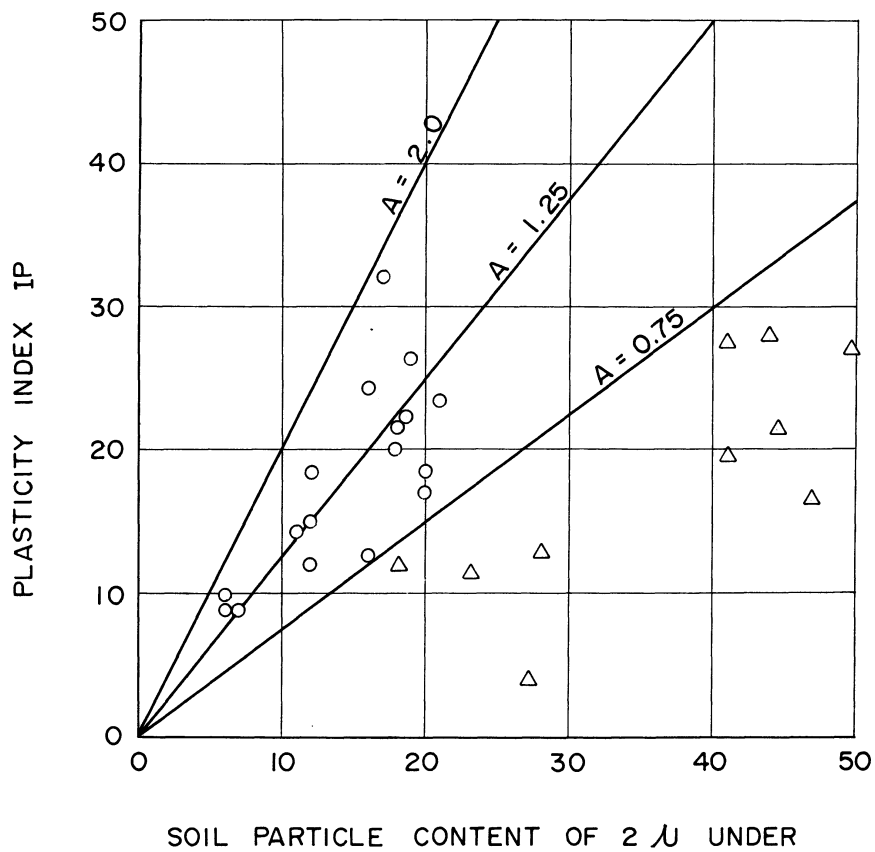
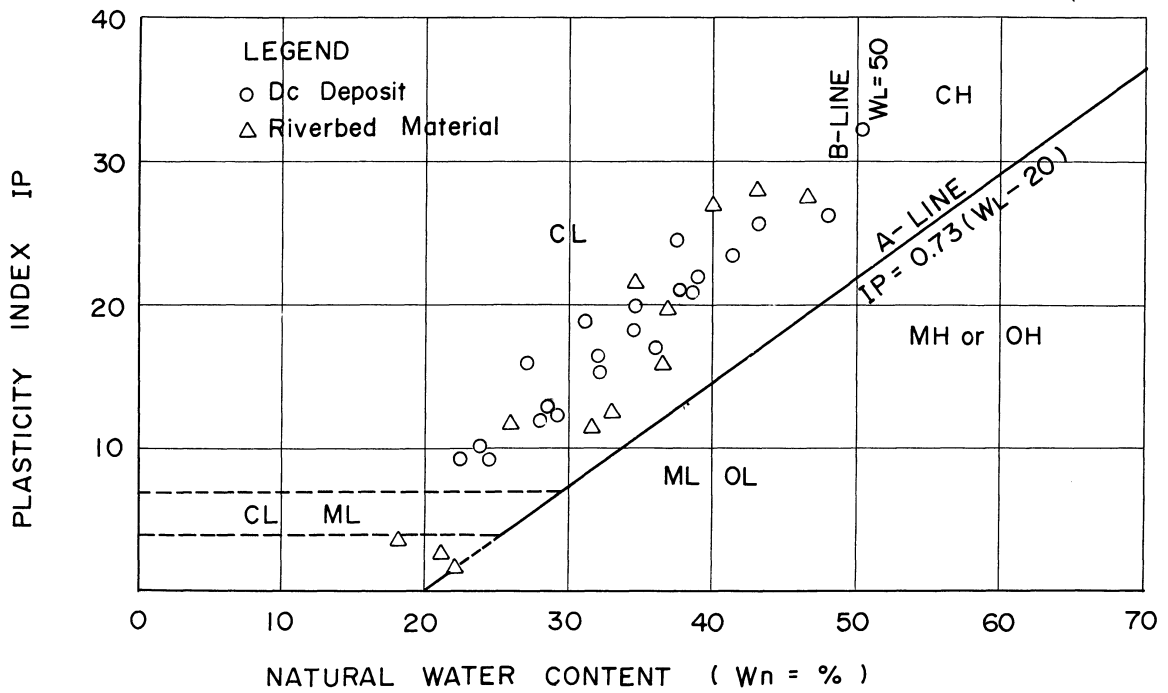
Design CBR value shall be 6 %

3) River Bed Material

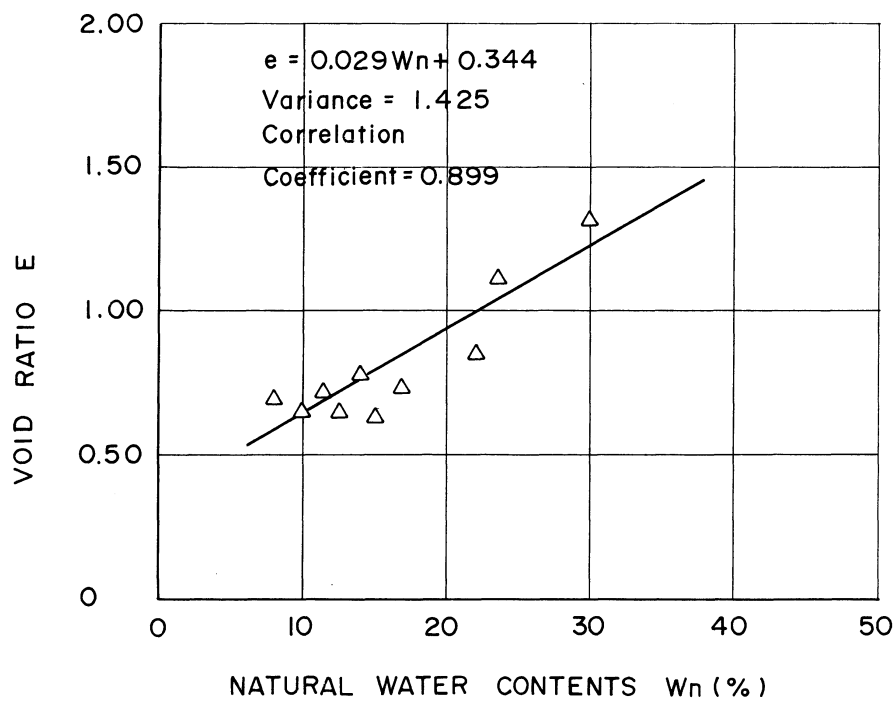
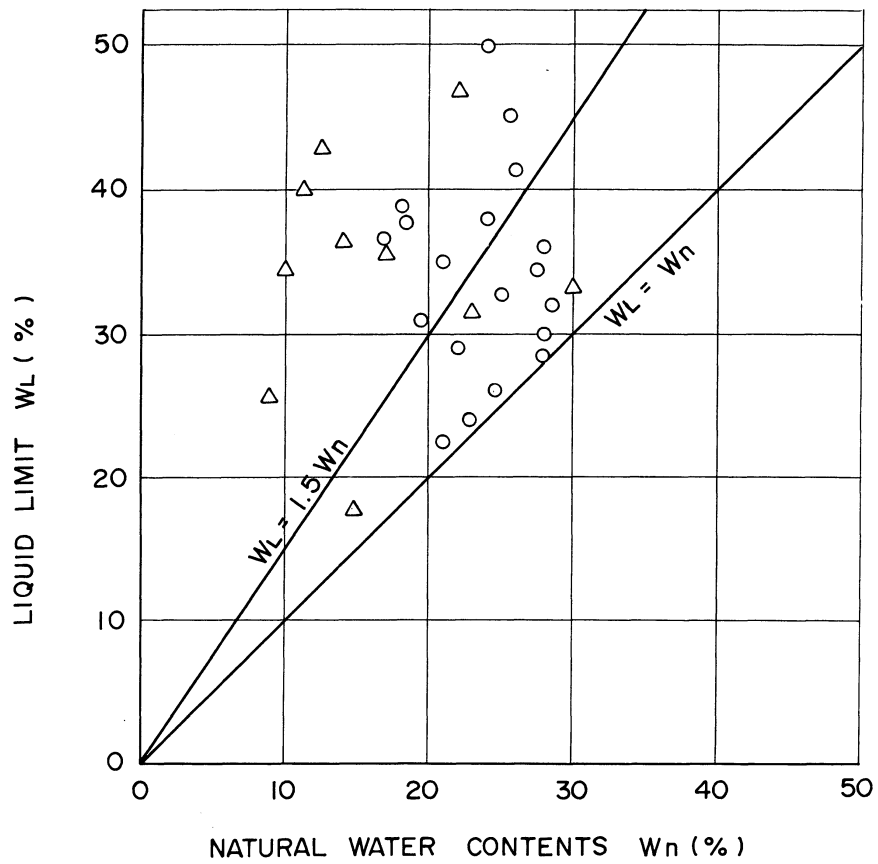
Table 6.2.12 Test Results of River Bed Materials

Sampling location	Soil	Natural water content W(%)	Wet Density γ_t (t/m ³)	Void Ratio E	Porosity n (%)	Mean Diameter D ₆₅ (mm)
B24	Silty Clay	17.2~30.1 23.2	1.482~1.748 1.622	0.743~1.318 1.008	42.6~56.9 50.2	0.0085~0.023 0.014
B25	Silty Clay	9.7~13.7 11.9	1.659~1.763 1.722	0.647~0.789 0.696	39.3~44.1 41.0	0.0077~0.012 0.0096
B26	Silty Clay	7.7~14.8 11.3	1.639~1.766 1.691	0.638~0.709 0.683	38.9~41.5 40.6	0.0055~0.055 0.024

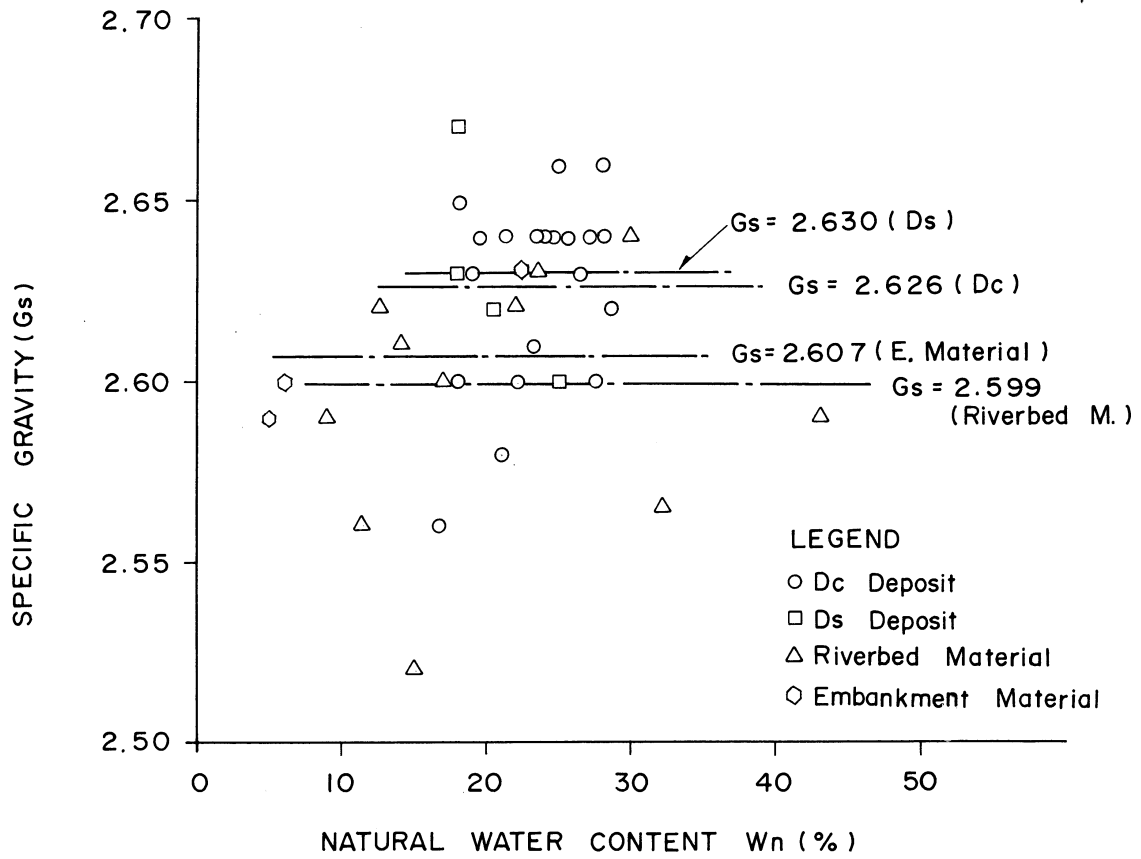
PLASTICITY CHART AND COLLOIDAL ACTIVITY



RELATIVE CHART OF (W_n) AND (W_L), (E)



RELATIVE CHART OF (W_n) AND G_s



COMPACTION CURVE FOR EMBANKMENT MATERIALS

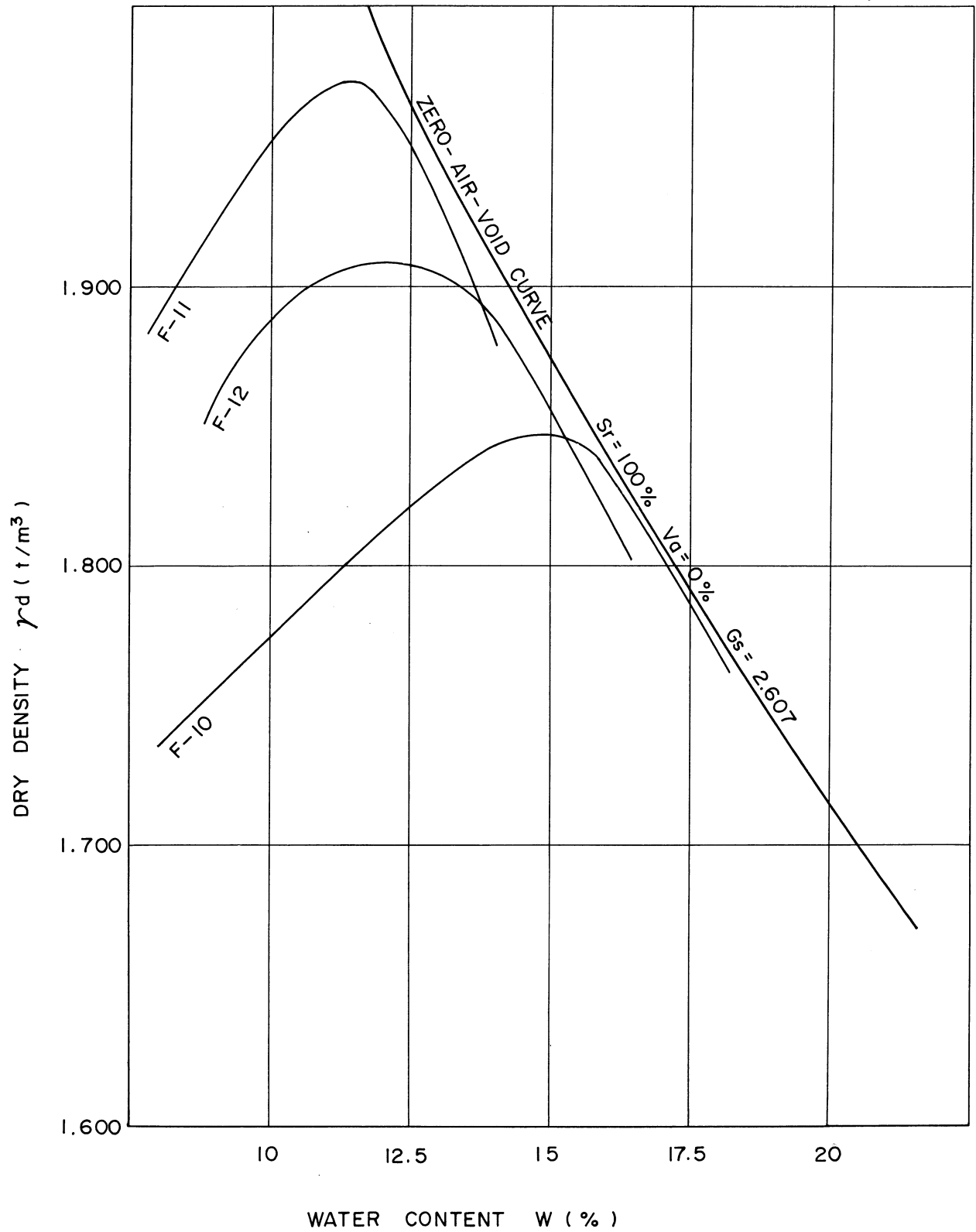


Figure 2.3.8 Geological Profile for Br.24

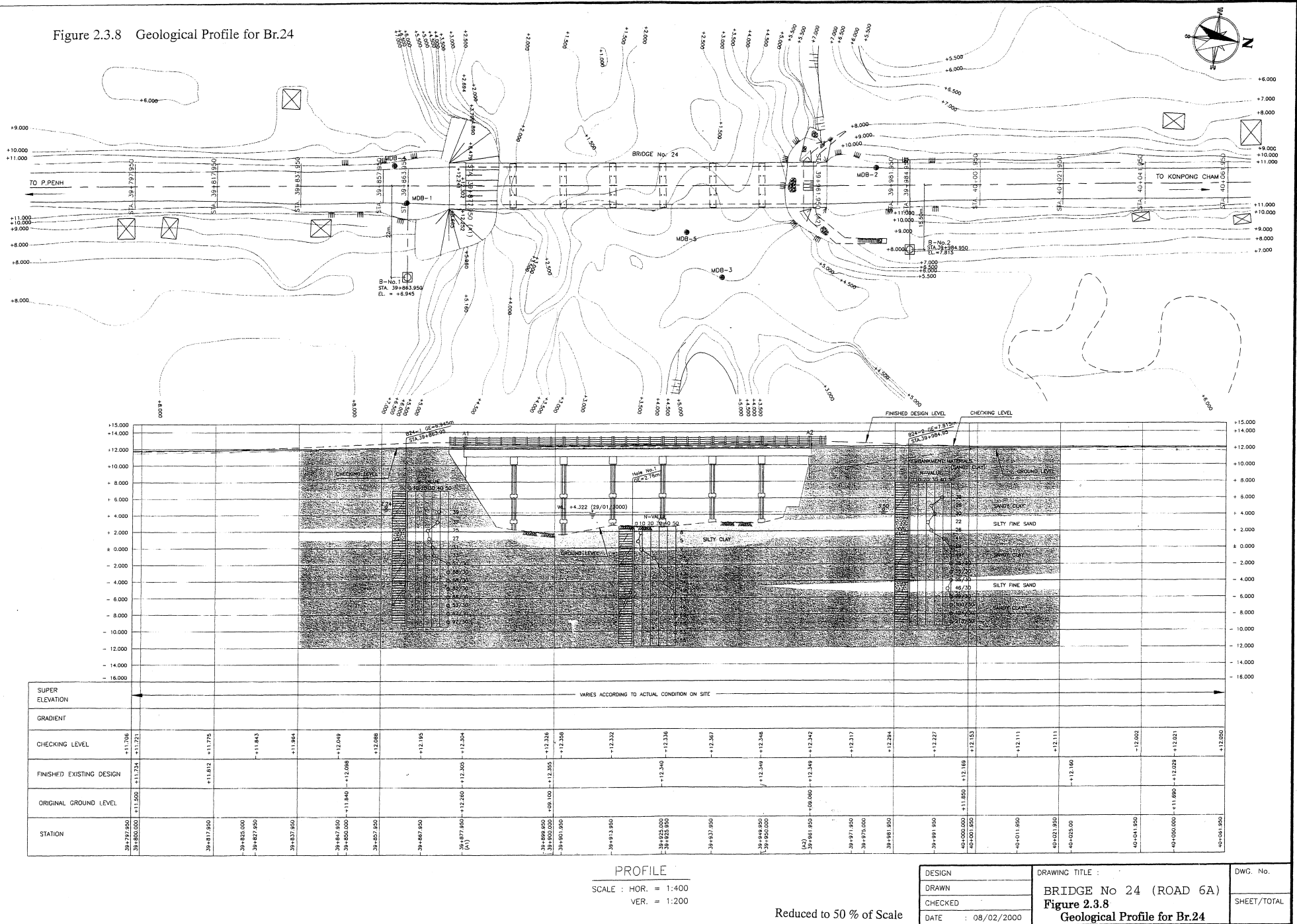
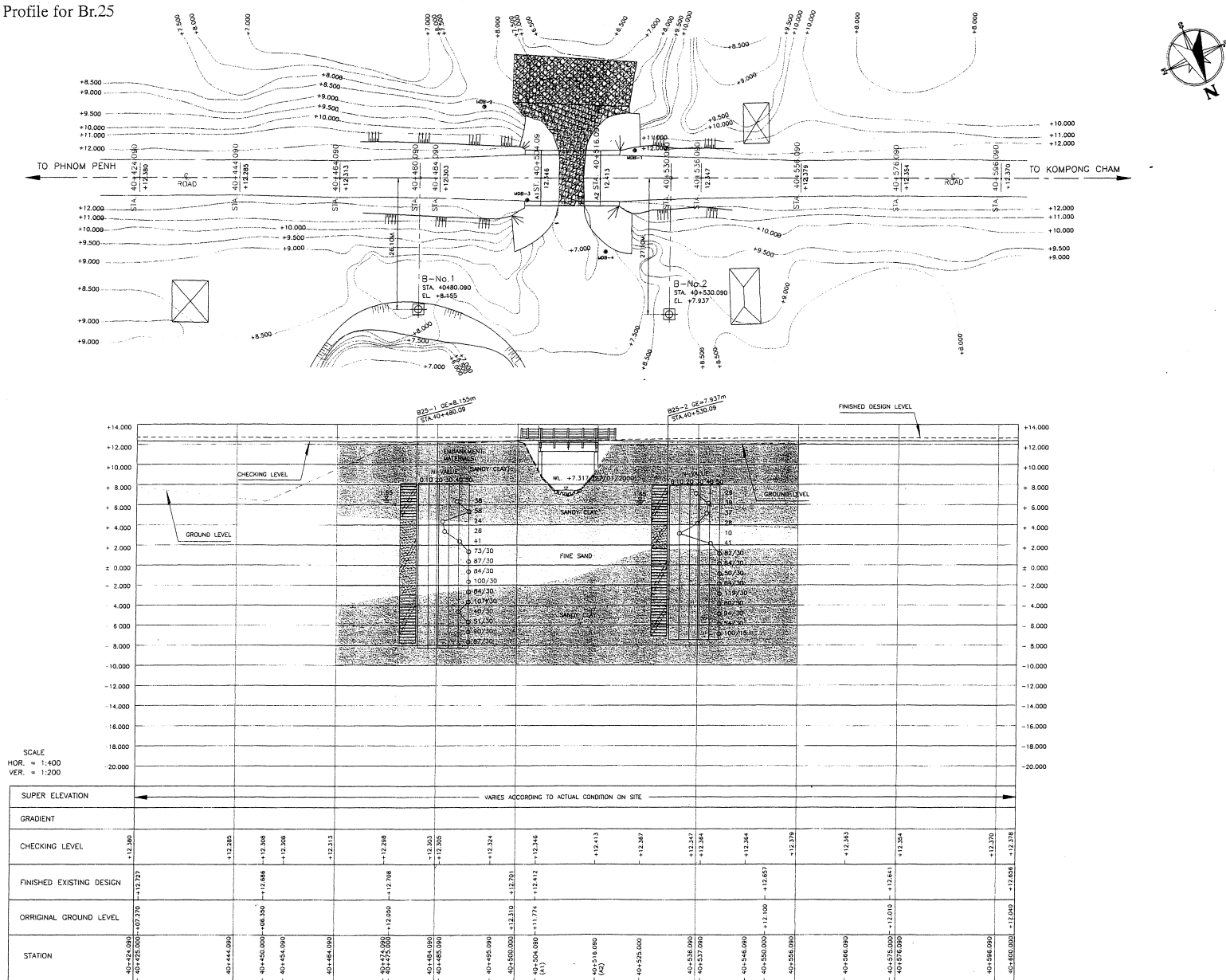


Figure 2.3.9 Geological Profile for Br.25



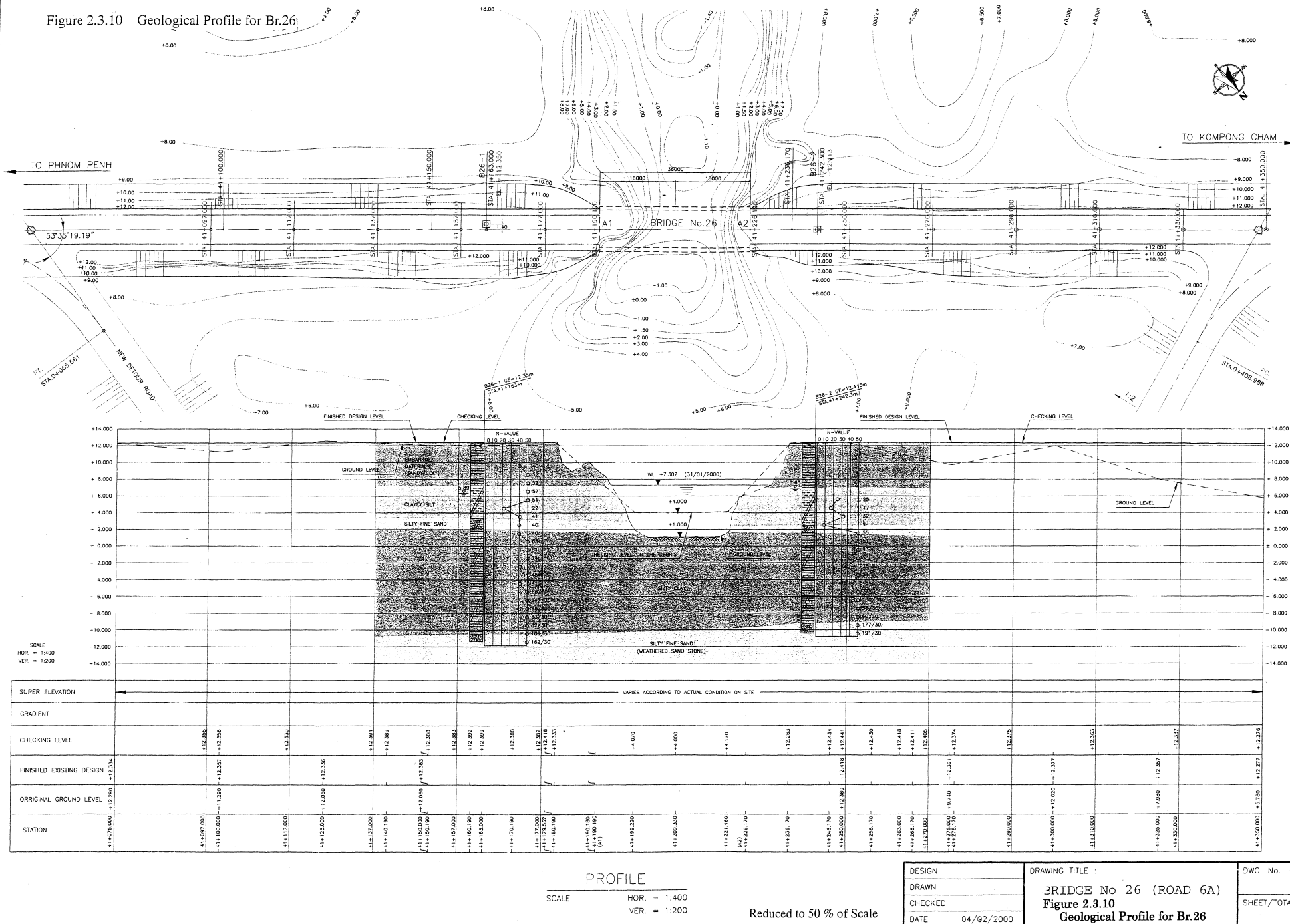
PROFILE

SCALE HOR. = 1:400
VER. = 1:200

Reduced to 50 % of Scale

DESIGN	DRAWING TITLE : BRIDGE No 25 (ROAD 6A) Figure 2.3.9 Geological Profile for Br.25	DWG. No.
DRAWN		SHEET/TOTAL
CHECKED		
DATE : 10/02/2000		

Figure 2.3.10 Geological Profile for Br.26



BORING LOG

PROJECT : IMPROVEMENT OF BRIDGES ON NATIONAL ROAD 6A GROUND ELEVATION : +6.945 m DATE : FEBRUARY 6~8th 2000
HOLD NO : B24-1 STA.39+863.95 R22.0m GROUND WATER LEVEL : GL-2.24 m SURVEYED BY : MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	SOIL			STANDARD PENETRATION TESTS										SOIL SAMPLES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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SYMBOLS OF SAMPLER

- THINWALL SAMPLER
- SPLIT-SPOON SAMPLER
- ⊕ DEISION-TYPE SAMPLER
- ⊗ FOIL SAMPLER
- × OTHER SAMPLER

BORING LOG

PROJECT : IMPROVEMENT OF BRIDGES ON NATIONAL ROAD 6A GROUND ELEVATION +7.815 m DATE FEBRUARY 9~11th 2000
HOLD NO. B24-2 STA.39+984.95 R15.5m GROUND WATER LEVEL GL-3.50 m SURVEYED BY MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	SOIL			STANDARD PENETRATION TESTS										SOIL SAMPLES					
				SYMBOL	VISUAL CLASSIFICATION	COLOR	DESCRIPTION	DEPTH	NO OF BLOWS LENGTH OF PENETRATION cm	NO OF BLOWS AT EACH 10cm			N VALUE						NO OF SAMPLE	DEPTH m	SYMBOL OF SAMPLE	
										10 cm	20 cm	30 cm	0	10	20	30	40	50				60
1								1.55	39/30	10	13	16									1.55	○
2								2.00													2.00	○
3								2.55	26/30	7	9	10									2.55	○
4	3.61	4.20	4.20		CLAY	BROWN		3.00													3.00	○
								3.55	30/30	9	11	10									3.55	○
								4.00													4.00	○
								4.55	22/30	6	7	9									4.55	○
5								5.00													5.00	○
								5.55	26/30	8	8	10									5.55	○
6	1.71	6.10	1.90		SAND	BROWN		6.00													6.00	○
								6.55	41/30	11	14	16									6.55	○
7								7.00													7.00	○
								7.55	68/30	17	23	28									7.55	○
8								8.00													8.00	○
								8.55	49/30	14	16	19									8.55	○
9								9.00													9.00	○
								9.55	75/30	18	25	32									9.55	○
10								10.00													10.00	○
								10.55	55/30	15	19	21									10.55	○
11	-3.79	11.60	5.50		CLAY	BROWN		11.00													11.00	○
								11.55	55/30	16	20	19									11.55	○
12								12.00													12.00	○
								12.55	46/30	10	15	21									12.55	○
13	-4.99	12.80	1.20		SAND	YELLOW		13.00													13.00	○
								13.55	99/30	24	34	41									13.55	○
14								14.00													14.00	○
								14.55	100/30	27	32	41									14.55	○
15								15.00													15.00	○
								15.55	124/30	29	44	51									15.55	○
16	-8.59	16.40	3.60		CLAY	YELLOW		16.00													16.00	○
								16.55	213/30	40	66	107									16.55	○
17	-9.19	17.00	0.60		CLAY	YELLOW		17.00													17.00	○
18																						
19																						
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SYMBOLS OF SAMPLER

- THINWALL SAMPLER
- SPLIT-SPOON SAMPLER
- ⊕ DEISON-TYPE SAMPLER
- ⊗ FOIL SAMPLER
- × OTHER SAMPLER

BORING LOG

IMPROVEMENT OF BRIDGES

PROJECT : ON NATIONAL ROAD 6A

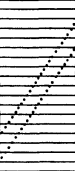
GROUND ELEVATION +8.155 m

DATE FEBRUARY 1~2nd 2000

HOLD NO. B25-1 STA.40+480 R16.1m

GROUND WATER LEVEL GL-1.65 m

SURVEYED BY MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	S O I L			STANDARD PENETRATION TESTS										SOIL SAMPLES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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1					CLAY	BROWN	SANDY CLAY COHESION:MEDIUM N WATER CONTENT MEDIUM TO LOW INCLUDING FINE PARTICLE ABOUT 50%	1.55	38/30	8	13	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

SYMBOLS OF SAMPLER

● THINWALL SAMPLER
○ SPLIT-SPOON SAMPLER● DEISON-TYPE SAMPLER
⊕ FOIL SAMPLER
× OTHER SAMPLER

BORING LOG

PROJECT : IMPROVEMENT OF BRIDGES

ON NATIONAL ROAD 6A

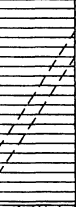
GROUND ELEVATION +7.937 m

DATE FEBRUARY 3~5th 2000

HOLD NO. B25-2 STA.40+530 R27.1m

GROUND WATER LEVEL GL-1.65 m

SURVEYED BY MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	S O I L			STANDARD PENETRATION TESTS										SOIL SAMPLES								
				SYMBOL	VISUAL CLASSIFICATION	COLOR	DESCRIPTION	DEPTH	NO OF BLOWS LENGTH OF PENETRATION cm	NO OF BLOWS AT EACH 10cm			N VALUE						NO OF SAMPLE	DEPTH m	SYMBOL OF SAMPLE				
										10 cm	20 cm	30 cm	0	10	20	30	40	50				60			
1					CLAY	BROWN	SILTY CLAY COHESION:MEDIUM NATURAL WATER CONTENT:LOW	0.55	26/30	8	7	11								S-1	0.55	○			
			1.00																				1.00	○	
2								1.55	39/30	9	13	17											S-2	1.55	○
								2.00																2.00	○
3								2.55	37/30	10	13	14											S-3	2.55	○
				3.00																3.00	○				
4	4.04	3.90	3.90		SAND	BROWN	SILTY FINE SAND INCLUDING COARSE PARTICLES ABOUT 80%	3.55	28/30	7	9	12								S-4	3.55	○			
			4.00																				4.00	○	
5								4.55	10/30	7	3	6											S-5	4.55	○
								5.00																5.00	○
6								5.55	41/30	11	15	15											S-6	5.55	○
	1.64	6.30	2.40					6.00												6.00	○				
7					CLAY	BROWN	SILTY CLAY COHESION:MEDIUM NATURAL WATER CONTENT:LOW	6.55	82/30	27	28	27								S-7	6.55	○			
			7.00																				7.00	○	
8								7.55	64/30	21	21	22											S-8	7.55	○
								8.00																8.00	○
9								8.55	50/30	14	17	19											S-9	8.55	○
				9.00																9.00	○				
10					CLAY	BROWN	SANDY CLAY COHESION:MEDIUM NATURAL WATER CONTENT:LOW	9.55	64/30	18	21	25								S-10	9.55	○			
			10.00																				10.00	○	
11								10.55	119/30	32	39	48											S-11	10.55	○
								11.00																11.00	○
12	-4.06	12.00	5.70					11.55	80/30	23	26	31											S-12	11.55	○
				12.00																12.00	○				
13					CLAY	BROWN		12.55	94/30	22	28	44								S-13	12.55	○			
			13.00																				13.00	○	
14								13.55	54/30	14	20	20											S-14	13.55	○
								14.00																14.00	○
15	-7.06	15.00	3.00					14.55	100/15	-	-	-											S-15	14.55	○
				14.70																14.70	○				
16																									
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SYMBOLS OF SAMPLER

● THINWALL SAMPLER
○ SPLIT-SPOON SAMPLER

● DEISON-TYPE SAMPLER

⊕ FOIL SAMPLER

X OTHER SAMPLER

BORING LOG

PROJECT : IMPROVEMENT OF BRIDGES ON NATIONAL ROAD 6A GROUND ELEVATION +12.350 m DATE JANUARY 26~28th 2000
HOLD NO. B26-1 STA.NO.41+163(Legt side 1.40m) GROUND WATER LEVEL GL-5.89 m SURVEYED BY MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	SOIL			STANDARD PENETRATION TESTS										SOIL SAMPLES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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SYMBOLS OF SAMPLER

- THINWALL SAMPLER
- SPLIT-SPOON SAMPLER

- ⊙ DEISION-TYPE SANPLER
- ⊕ FOIL SAMPLER
- × OTHER SAMPLER

BORING LOG

PROJECT : IMPROVEMENT OF BRIDGES ON NATIONAL ROAD 6A
 GROUND ELEVATION : +12.413 m
 DATE : JANUARY 29~31th 2000
 HOLD NO. : B26-2 STA41+242.3 at 4Road
 GROUND WATER LEVEL : GL-5.63 m
 SURVEYED BY : MONGKOL UM

SCALE	ELEVATION m	DEPTH m	THICKNESS OF STRATUM m	S O I L			STANDARD PENETRATION TESTS											SOIL SAMPLES								
				SYMBOL	VISUAL CLASSIFICATION	COLOR	DESCRIPTION	DEPTH	NO OF BLOWS LENGTH OF PENETRATION cm	NO OF BLOWS AT EACH 10cm			N VALUE						NO OF SAMPLE	DEPTH m	SYMBOL OF SAMPLE					
										10 cm	20 cm	30 cm	0	10	20	30	40	50				60				
	11.71	0.70	0.70		MATERIAL	GREY	PAVEMENT MATERIALS																			
1																										
2																										
3																										
4																										
5																										
6	6.91	5.50	4.80		CLAY	BROWN	EMBANKMENT CLAY WITH SLIGHTLY SAND AND SMALL GRAVEL																			
7								6.55 7.00	25/30	6	9	10									S-1	6.55 7.00	○			
8								7.55 8.00	17/30	5	5	7									S-2	7.55 8.00	○			
9								8.55 9.00	32/30	11	11	10									S-3	8.55 9.00	○			
10	2.61	9.80	4.30		SILT	BROWN	CLAYEY SILT COHESION:LOW NATURAL WATER CONTENT:LOW FINE PARTICLE ABOUT 50%	9.55 10.00	9/30	1	3	5									S-4	9.55 10.00	○			
11	1.66	10.75	0.95		SAND	BROWN	SLIGHTLY FINE SAND INCLUDING MICA FRAGMENT	10.55 11.00	55/30	14	19	22									S-5	10.55 11.00	○			
12						BROWN TO LIGHT BLUE		11.55 12.00	51/30	15	17	19									S-6	11.55 12.00	○			
13						BROWN TO LIGHT BROWN	SILTY CLAY COHESION:MEDIUM TO LOW	12.55 13.00	93/30	23	31	39									S-7	12.55 13.00	○			
14							NATURAL WATER CONTENT:LOW INCLUDING FINE PARTICLES ABOUT 50%	13.55 14.00	53/30	15	18	20									S-8	13.55 14.00	○			
15								14.55 15.00	36/30	10	12	14									S-9	14.55 15.00	○			
16								15.55 16.00	51/30	15	16	20									S-10	15.55 16.00	○			
17								16.55 17.00	46/30	12	16	18									S-11	16.55 17.00	○			
18								17.55 18.00	77/30	17	19	41									S-12	17.55 18.00	○			
19								18.55 19.00	130/30	35	45	50									S-13	18.55 19.00	○			
20								19.55 20.00	56/30	16	19	21									S-14	19.55 20.00	○			
21								20.55 21.00	60/30	17	20	23									S-15	20.55 21.00	○			
22	-9.34	21.75	11.00		CLAY			21.55 21.90	177/20	45	132	-									S-16	21.55 21.90	○			
23	-10.59	23.00	1.25		SAND	YELLOWISH YELLOW	SILTY FINE SAND VERY COMPACT INCLUDING COARSE PARTICLES ABOUT 60%	22.55	191/20	61	130	-									S-17	22.55	○			
24								22.90																		
25																										
26																										
27																										
28																										
29																										
30																										

SYMBOLS OF SAMPLER
 ● THINWALL SAMPLER
 ○ SPLIT-SPOON SAMPLER
 ⊕ DEISON-TYPE SAMPLER
 ⊗ FOIL SAMPLER
 × OTHER SAMPLER

6-3. Meteo-hydrological Data

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1981

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						4.20	10.15	11.92	12.12	9.77	8.87	6.58
2						4.48	10.06	11.83	11.95	9.51	8.91	6.52
3						4.60	9.66	11.79	11.92	9.24	8.86	6.42
4						4.62	9.34	11.81	12.05	9.25	8.84	6.52
5						4.60	9.15	12.00	12.04	9.54	8.70	6.15
6						4.61	9.36	12.57	12.04	9.75	8.54	6.06
7						4.80	9.87	12.79	12.04	9.92	8.50	5.92
8						5.02	10.41	13.06	12.04	10.03	8.05	5.64
9						5.24	10.93	13.28	12.02	10.04	7.82	5.72
10						5.77	11.14	13.43	11.99	10.07	7.62	5.59
11						6.56	11.38	13.61	11.99	10.22	7.51	5.51
12						7.11	11.56	13.87	11.91	10.19	7.50	5.43
13						7.46	11.71	14.11	11.92	10.70	7.50	5.35
14						7.64	11.80	14.24	11.90	10.85	7.50	5.27
15						7.86	11.92	14.27	11.84	10.86	7.46	5.18
16						8.45	11.95	14.24	11.78	10.84	7.44	5.10
17						9.79	11.79	14.17	11.67	11.04	7.36	4.99
18						10.62	11.96	14.19	11.58	11.22	7.28	4.90
19						10.92	11.94	14.21	11.48	11.21	7.20	4.81
20						11.03	11.98	14.26	11.44	11.12	7.12	4.74
21						11.27	12.12	14.20	11.40	11.05	7.08	4.67
22						11.46	12.14	14.06	11.39	10.78	7.08	4.64
23						11.52	12.23	13.81	11.39	10.56	7.12	4.55
24						11.64	12.34	13.62	11.29	10.28	7.14	4.51
25						11.72	12.34	13.42	11.14	10.01	7.06	4.47
26						11.74	12.22	13.19	11.01	9.68	6.86	4.43
27						11.68	12.05	12.98	10.80	9.34	6.82	4.37
28						11.23	12.04	12.83	10.57	9.06	6.80	4.32
29						11.06	12.04	12.60	10.52	8.96	6.82	4.28
30						10.87	12.04	12.19	10.04	8.88	6.81	4.23
31							12.00	12.28		8.84		4.18
Mean						8.32	11.34	13.25	11.58	10.09	7.61	5.20
Max.						11.74	12.34	14.27	12.12	11.22	8.91	6.58
Min.						4.20	9.15	11.79	10.04	8.84	6.80	4.18

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1982

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.87	2.41	1.70	1.27	1.34	1.63	8.29	8.49	12.40	12.22	8.66	5.40
2	3.80	2.40	1.66	1.22	1.34	1.61	8.49	8.33	12.34	12.37	8.42	5.31
3	3.75	2.39	1.60	1.13	1.32	1.54	8.25	8.22	12.29	12.47	8.21	5.20
4	3.71	2.34	1.60	1.15	1.30	1.50	7.74	8.07	12.32	12.55	8.03	5.11
5	3.66	2.34	1.56	1.03	1.33	1.52	7.20	8.05	12.38	12.58	7.87	5.03
6	3.62	2.31	1.50	1.16	1.39	1.54	6.84	8.03	12.50	12.51	7.74	4.92
7	3.56	2.27	1.49	1.24	1.49	1.58	6.58	8.09	12.29	12.44	7.62	4.81
8	3.49	2.25	1.48	1.38	1.50	1.68	6.42	8.19	12.92	12.55	7.49	4.72
9	3.44	2.18	1.48	1.31	1.56	1.64	6.37	8.41	13.23	12.33	7.37	4.65
10	3.35	2.14	1.48	1.40	1.56	2.03	6.33	8.91	13.58	12.11	7.29	4.57
11	3.28	2.10	1.48	1.39	1.59	2.05	6.27	8.51	13.86	12.01	7.19	4.51
12	3.22	2.06	1.48	1.42	1.54	2.08	6.24	9.82	13.96	11.30	7.03	4.44
13	3.16	2.04	1.47	1.35	1.53	2.08	6.28	9.95	13.90	11.74	6.94	4.33
14	3.12	2.02	1.47	1.32	1.48	2.60	6.37	9.96	13.69	11.54	6.60	4.35
15	3.06	1.97	1.41	1.34	1.44	2.92	6.66	9.97	13.45	11.31	6.66	4.29
16	3.01	1.99	1.40	1.24	1.44	3.16	7.36	10.14	13.23	11.00	6.54	4.24
17	2.95	1.93	1.28	1.25	1.30	3.52	8.43	10.48	13.38	10.36	6.42	4.17
18	2.90	1.92	1.25	1.25	1.36	3.90	9.23	10.81	12.72	10.62	6.52	4.11
19	2.81	1.90	1.22	1.18	1.37	4.26	9.52	11.00	12.44	10.10	6.23	4.04
20	2.79	1.88	1.24	1.22	1.39	4.48	9.47	11.13	12.25	10.15	6.15	3.95
21	2.74	1.88	1.24	1.20	1.40	4.64	9.17	11.22	12.12	9.91	5.09	3.88
22	2.70	1.86	1.24	1.25	1.49	4.88	8.83	11.43	12.02	9.11	5.38	3.70
23	2.67	1.86	1.24	1.44	1.55	4.95	8.58	11.70	11.91	9.57	5.88	3.74
24	2.65	1.86	1.24	1.54	1.58	4.82	8.46	11.96	11.71	9.64	5.79	3.68
25	2.63	1.84	1.28	1.60	1.66	4.56	8.24	12.04	11.72	9.65	5.10	3.64
26	2.58	1.86	1.31	1.59	1.70	4.42	7.99	12.09	11.70	9.61	5.61	3.58
27	2.56	1.89	1.38	1.60	1.72	4.48	7.72	12.18	11.71	9.62	5.56	3.53
28	2.41	1.86	1.40	1.58	1.72	5.00	8.01	12.23	11.70	9.55	5.52	3.50
29	2.48		1.42	1.43	1.63	6.25	8.42	12.26	11.73	9.36	5.52	3.45
30	2.46		1.46	1.44	1.62	7.62	8.66	12.36	12.04	9.11	5.49	3.42
31	2.44		1.30		1.62		8.65	12.44		8.88		3.39
Mean	3.06	2.06	1.41	1.33	1.49	3.30	7.78	10.21	12.58	10.91	6.66	4.25
Max.	3.87	2.41	1.70	1.60	1.72	7.62	9.52	12.44	13.96	12.58	8.66	5.40
Min.	2.41	1.84	1.22	1.03	1.30	1.50	6.24	8.03	11.70	8.88	5.09	3.39

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1983

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.35	2.22	1.64	1.24	1.06	1.21	6.46	6.68	11.54	11.03	9.34	7.20
2	3.32	2.18	1.62	1.29	1.05	1.16	5.72	6.77	11.61	11.24	10.16	7.00
3	3.31	2.13	1.56	1.15	1.10	1.13	5.01	6.85	11.59	11.29	10.32	6.81
4	3.28	2.08	1.50	1.12	1.08	1.14	4.41	6.88	11.54	11.32	10.14	6.62
5	3.22	2.03	1.53	1.07	1.06	1.12	4.04	6.98	11.51	11.36	9.93	6.44
6	3.16	1.96	1.39	1.00	1.04	1.19	3.78	7.45	11.42	11.40	9.70	6.28
7	3.12	1.92	1.40	1.00	1.08	1.30	3.67	7.96	11.24	11.50	9.39	6.11
8	3.06	1.90	1.39	1.04	1.01	1.46	3.60	8.18	11.08	11.64	9.06	5.97
9	3.01	1.91	1.39	0.96	1.03	1.60	3.64	8.59	11.02	11.78	8.73	5.82
10	2.96	1.92	1.30	0.95	1.12	1.74	3.78	8.97	10.97	11.88	8.48	5.70
11	2.91	1.90	1.25	0.98	1.11	1.86	3.74	9.47	10.85	12.01	8.28	5.56
12	2.87	1.88	1.22	1.00	1.19	2.07	3.66	9.86	10.71	12.22	8.09	5.45
13	2.85	1.86	1.20	1.02	1.24	2.59	3.61	10.35	10.55	12.46	7.95	5.34
14	2.86	1.89	1.26	1.04	1.25	2.60	3.62	10.46	10.45	12.61	7.82	5.25
15	2.86	1.90	1.28	1.08	1.24	2.68	3.60	10.49	10.40	12.68	7.70	5.16
16	2.84	1.84	1.28	1.12	1.26	2.66	3.76	10.55	10.42	12.70	7.61	5.07
17	2.80	1.79	1.27	1.18	1.22	2.52	3.90	10.51	10.45	12.56	7.52	4.99
18	2.76	1.75	1.28	1.18	1.24	2.46	4.21	10.53	10.50	12.30	7.45	4.90
19	2.70	1.68	1.34	1.10	1.18	2.52	4.94	10.72	10.50	11.97	7.36	4.83
20	2.64	1.64	1.40	1.05	1.14	2.58	5.68	10.81	10.45	11.62	7.32	4.76
21	2.58	1.58	1.36	1.02	1.06	2.53	5.89	10.55	10.41	11.32	7.24	4.69
22	2.52	1.56	1.30	0.98	1.03	2.48	5.81	10.28	10.45	10.98	7.17	4.62
23	2.48	1.56	1.22	0.91	1.09	2.44	5.80	10.17	10.53	10.63	7.26	4.54
24	2.44	1.58	1.16	0.92	1.11	2.40	6.06	10.00	10.57	10.31	7.50	4.48
25	2.41	1.60	1.12	0.96	1.11	2.44	6.63	9.74	10.54	10.03	7.77	4.40
26	2.38	1.62	1.13	1.00	1.21	2.60	6.98	9.58	10.48	9.87	7.74	4.34
27	2.36	1.66	1.08	1.07	1.25	2.90	6.96	9.60	10.52	9.70	7.95	4.26
28	2.34	1.68	1.08	1.07	1.24	3.76	6.92	9.90	10.83	9.55	7.85	4.20
29	2.32		1.20	1.06	1.24	6.24	6.84	10.18	10.76	9.30	7.63	4.13
30	2.30		1.23	1.06	1.25	6.94	6.80	11.01	10.94	9.14	7.42	4.01
31	2.27		1.26		1.25		6.71	11.36		9.06		4.01
Mean	2.78	1.83	1.31	1.05	1.15	2.41	5.04	9.40	10.83	11.21	8.26	5.26
Max.	3.35	2.22	1.64	1.29	1.26	6.94	6.98	11.36	11.61	12.70	10.32	7.20
Min.	2.27	1.56	1.08	0.91	1.01	1.12	3.60	6.68	10.40	9.06	7.17	4.01

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1984

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.97	2.64	1.78	1.04	1.40	3.52	8.07	9.00	13.76	10.66	8.89	5.38
2	3.92	2.62	1.77	1.07	1.44	3.39	8.27	9.42	13.86	10.52	8.76	5.28
3	3.87	2.59	1.76	1.08	1.44	3.37	8.16	10.49	14.02	10.38	8.65	5.26
4	3.79	2.54	1.74	1.10	1.46	3.40	7.91	11.33	14.19	10.30	8.63	5.21
5	3.74	2.49	1.72	1.07	1.50	3.37	7.72	11.66	14.32	10.24	8.68	5.20
6	3.66	2.45	1.70	1.06	1.56	3.42	7.63	11.74	14.40	10.18	8.82	5.12
7	3.61	2.41	1.66	1.06	1.73	3.64	7.74	11.71	14.40	10.40	8.64	5.04
8	3.58	2.37	1.64	1.04	1.83	3.69	8.04	11.68	14.40	10.54	8.30	4.96
9	3.54	2.34	1.61	1.05	1.86	3.59	8.23	11.76	14.37	10.60	8.00	4.88
10	3.47	2.32	1.48	1.07	1.86	3.53	8.22	11.88	14.28	10.46	7.82	4.83
11	3.44	2.25	1.42	1.06	1.82	3.59	8.17	12.14	14.15	10.47	7.90	4.70
12	3.43	2.20	1.36	1.04	1.73	4.09	8.14	12.48	14.02	10.50	7.97	4.72
13	3.45	2.18	1.32	1.02	1.70	5.10	8.31	12.74	13.86	10.47	7.72	4.65
14	3.50	2.16	1.32	1.02	1.71	5.66	8.62	12.74	13.66	10.36	7.46	4.57
15	3.54	2.13	1.30	1.08	1.70	5.66	9.03	13.12	13.42	10.57	7.32	4.49
16	3.56	2.14	1.32	1.11	1.66	5.19	9.24	13.32	13.18	10.96	7.21	4.41
17	3.56	2.12	1.31	1.17	1.67	4.76	9.31	13.56	12.99	11.35	7.09	4.36
18	3.48	2.08	1.32	1.17	1.74	4.48	9.35	13.82	12.75	11.39	6.94	4.30
19	3.39	2.08	1.32	1.17	1.77	4.43	9.48	14.06	12.47	11.30	6.82	4.22
20	3.30	2.06	1.35	1.14	1.77	4.56	9.65	14.32	12.21	11.23	6.64	4.14
21	3.22	2.05	1.36	1.09	1.73	4.66	9.80	14.47	12.10	11.10	6.48	4.08
22	3.14	2.00	1.34	1.06	1.68	4.68	9.82	14.52	12.00	10.92	6.34	4.08
23	3.10	1.94	1.36	1.02	1.71	4.88	9.82	14.52	11.75	10.66	6.18	3.95
24	3.04	1.86	1.35	0.94	1.74	5.38	9.78	14.44	11.55	10.48	6.05	3.92
25	2.97	1.80	1.32	0.95	1.75	5.84	9.61	14.33	11.33	10.26	5.96	3.88
26	2.86	1.78	1.28	1.02	1.80	5.99	9.41	14.16	11.20	10.00	5.85	3.61
27	2.80	1.79	1.22	1.12	1.95	6.24	9.22	13.99	11.12	9.60	5.76	3.75
28	2.76	1.80	1.16	1.31	2.44	6.98	8.98	13.84	11.03	9.67	5.63	3.71
29	2.72	1.78	1.14	1.39	3.12	7.39	8.25	13.75	10.90	9.38	5.55	3.66
30	2.70		1.10	1.40	3.49	7.64	9.04	13.68	10.77	9.19	5.45	3.54
31	2.67		1.04		3.56		9.13	13.68		9.04		3.52
Mean	3.35	2.17	1.42	1.10	1.88	4.74	8.78	12.85	12.95	10.43	7.25	4.43
Max.	3.97	2.64	1.78	1.40	3.56	7.64	9.82	14.52	14.40	11.39	8.89	5.38
Min.	2.67	1.78	1.04	0.94	1.40	3.37	7.63	9.00	10.77	9.04	5.45	3.52

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1985

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.47	2.28	1.55	1.19	1.70	1.92	9.24	8.29	12.41	11.44	7.81	6.66
2	3.42	2.27	1.51	1.18	1.99	1.95	8.65	9.32	12.33	11.23	7.66	6.57
3	3.37	2.30	1.46	1.20	2.27	2.01	8.65	9.88	12.28	11.00	7.56	6.45
4	3.33	2.30	1.46	1.20	2.42	2.10	8.70	10.27	12.28	10.69	7.47	6.45
5	3.29	2.26	1.45	1.25	2.40	2.22	9.02	10.70	12.58	10.79	7.36	6.40
6	3.25	2.25	1.52	1.24	2.36	2.40	9.42	11.00	12.58	10.62	7.28	6.24
7	3.21	2.22	1.58	1.30	2.10	2.72	9.66	11.06	12.78	10.48	7.13	6.07
8	3.17	2.10	1.65	1.32	1.96	3.10	9.65	11.01	12.95	10.31	7.06	5.87
9	3.14	2.08	1.70	1.28	1.90	3.42	9.52	11.00	13.02	10.12	7.00	5.78
10	3.11	2.09	1.72	1.24	1.86	3.60	10.02	11.28	13.03	9.94	6.88	5.62
11	3.08	2.04	1.71	1.20	1.86	3.56	10.54	11.74	13.07	9.78	6.85	5.46
12	3.04	1.98	1.67	1.12	1.73	3.54	10.55	12.11	13.14	9.57	6.73	5.36
13	2.98	1.95	1.63	1.03	1.63	3.43	10.32	12.36	13.14	9.35	6.67	5.24
14	2.94	1.95	1.60	0.96	1.96	3.38	10.00	12.52	13.00	9.21	6.58	5.03
15	2.90	1.95	1.60	0.92	2.02	3.42	9.56	12.61	12.86	9.16	6.46	5.01
16	2.87	1.93	1.57	0.86	2.10	3.54	9.14	12.76	12.75	9.06	6.34	4.94
17	2.84	1.90	1.54	0.81	2.22	3.90	8.87	12.87	12.78	9.07	6.28	4.84
18	2.84	1.88	1.50	0.82	2.37	4.38	8.75	12.90	12.70	8.75	6.18	4.75
19	2.82	1.90	1.45	0.86	2.49	5.03	8.91	12.88	12.65	8.91	6.00	4.62
20	2.80	1.84	1.43	0.88	2.49	6.78	9.00	12.78	12.68	9.65	5.92	4.52
21	2.76	1.82	1.40	0.96	2.47	9.06	8.96	12.68	12.67	9.89	5.87	4.42
22	2.73	1.81	1.38	1.04	2.38	10.37	8.84	12.61	12.60	9.85	5.80	4.52
23	2.69	1.78	1.38	1.13	2.32	11.05	8.81	12.51	12.54	9.74	5.74	4.26
24	2.65	1.79	1.38	1.22	2.26	11.27	8.72	12.46	12.52	9.48	5.69	4.10
25	2.61	1.75	1.38	1.22	2.24	11.26	8.56	12.56	12.48	9.13	5.70	4.15
26	2.56	1.72	1.34	1.19	2.20	11.22	8.28	12.65	12.40	8.85	5.83	4.08
27	2.50	1.67	1.30	1.22	2.15	10.79	8.00	12.66	12.30	8.62	6.15	4.03
28	2.43	1.59	1.26	1.25	2.08	10.39	7.80	12.64	12.14	8.42	6.46	3.92
29	2.36		1.22	1.40	2.02	9.98	7.60	12.57	11.90	8.25	6.63	3.84
30	2.32		1.20	1.51	1.98	9.68	7.47	12.47	11.65	8.01	6.70	3.80
31	2.32		1.18		1.94		7.46	12.47		7.93		3.77
Mean	2.90	1.98	1.47	1.13	2.12	5.72	8.99	11.86	12.61	9.59	6.59	5.06
Max.	3.47	2.30	1.72	1.51	2.49	11.27	10.55	12.90	13.14	11.44	7.81	6.66
Min.	2.32	1.59	1.18	0.81	1.63	1.92	7.46	8.29	11.65	7.93	5.69	3.77

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1986

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.74	2.42	1.77	1.33	1.24	5.05	7.73	10.32	12.64	10.28	8.24	5.11
2	3.72	2.32	1.72	1.20	1.21	5.10	7.74	10.34	12.73	10.34	8.18	5.05
3	3.70	2.29	1.69	1.10	1.14	5.12	7.66	10.44	12.67	10.60	8.06	4.97
4	3.65	2.20	1.66	1.03	1.07	4.38	7.43	10.58	12.57	10.66	7.89	4.92
5	3.54	2.17	1.64	0.98	1.14	4.84	7.22	10.60	12.53	10.42	7.72	5.03
6	3.44	2.17	1.65	0.92	1.19	4.68	7.07	10.58	12.53	9.97	7.52	4.95
7	3.37	2.17	1.64	0.90	1.24	4.53	7.10	10.70	12.73	9.65	7.34	5.01
8	3.30	2.15	1.61	1.04	1.25	4.39	6.87	10.94	12.85	9.41	7.18	4.98
9	3.28	2.14	1.58	1.08	1.28	4.34	6.60	11.38	12.92	9.15	7.02	4.94
10	3.25	2.12	1.57	1.09	1.39	4.37	6.26	11.86	12.94	8.86	6.85	4.80
11	3.21	2.14	1.56	1.11	1.45	4.50	5.79	12.08	12.94	8.65	6.67	4.67
12	3.18	2.14	1.52	1.19	1.54	4.68	5.71	12.74	13.02	8.55	6.51	4.58
13	3.15	2.33	1.46	1.20	1.60	4.86	6.19	12.16	13.04	8.31	6.38	4.47
14	3.10	2.09	1.44	1.14	1.61	5.18	6.70	12.17	12.98	8.12	6.25	4.40
15	3.05	2.01	1.44	1.11	1.64	5.69	7.06	12.27	12.90	8.24	6.18	4.35
16	3.01	1.94	1.40	1.01	1.67	5.99	7.13	12.41	12.69	8.18	6.16	4.29
17	3.05	1.88	1.33	1.02	1.66	5.90	7.22	12.51	12.44	8.21	6.24	4.23
18	3.01	1.80	1.28	1.01	1.76	5.92	7.78	12.62	12.22	8.55	6.64	4.18
19	2.94	1.77	1.24	0.98	2.07	6.14	8.17	12.77	11.95	8.95	6.45	4.15
20	2.87	1.78	1.24	0.90	2.60	6.36	8.70	12.81	11.64	9.17	6.20	4.06
21	2.82	1.79	1.24	0.87	3.25	6.33	9.44	12.80	11.42	9.21	5.92	3.99
22	2.78	1.78	1.19	0.81	3.84	6.12	10.02	12.82	11.30	9.11	5.84	3.90
23	2.74	1.81	1.16	0.74	4.52	5.98	10.17	12.78	11.24	9.11	5.70	3.82
24	2.70	1.81	1.10	0.69	4.87	5.94	9.90	12.60	11.09	9.10	5.55	3.75
25	2.68	1.82	1.14	0.70	4.78	6.36	9.54	12.26	10.89	9.46	5.49	3.68
26	2.64	1.80	1.18	0.96	4.63	7.14	9.41	11.85	10.62	9.70	5.45	3.62
27	2.60	1.80	1.30	1.07	4.65	7.58	9.69	11.78	10.30	9.38	5.43	3.55
28	2.58	1.82	1.35	1.18	4.72	7.70	9.96	11.95	10.06	8.98	5.38	3.51
29	2.56		1.39	1.25	4.78	7.66	10.12	11.98	10.18	8.80	5.31	3.48
30	2.54		1.39	1.28	4.80	7.63	10.16	12.40	10.21	8.61	5.20	3.46
31	2.48		1.37		4.85		10.25	12.40		8.42		3.42
Mean	3.05	2.02	1.43	1.03	2.56	5.68	8.09	11.87	12.01	9.17	6.50	4.30
Max.	3.74	2.42	1.77	1.33	4.87	7.70	10.25	12.82	13.04	10.66	8.24	5.11
Min.	2.48	1.77	1.10	0.69	1.07	4.34	5.71	10.32	10.06	8.12	5.20	3.42

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1987

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.38	2.15	1.62	1.32	1.09	1.20	3.65	6.02	13.03	10.52		
2	3.38	2.12	1.66	1.32	1.15	1.20	3.68	6.24	12.84	10.48		
3	3.34	2.11	1.68	1.28	1.10	1.22	4.49	6.38	12.69	10.57		
4	3.28	2.13	1.66	1.22	1.08	1.18	6.18	6.43	12.57	10.72		
5	3.21	2.07	1.62	1.16	1.02	1.15	7.70	6.55	12.49	10.54		
6	3.14	2.04	1.54	1.11	1.01	1.16	8.52	6.84	12.46	10.34		
7	3.04	1.98	1.46	1.08	0.98	1.20	8.54	7.12	12.44	10.26		
8	2.98	1.95	1.37	1.00	0.94	1.24	8.20	7.22	12.30	10.26		
9	2.91	1.92	1.33	0.97	0.90	1.25	7.79	7.11	12.30	10.26		
10	2.88	1.90	1.28	0.92	0.89	1.28	7.28	6.89	12.17	10.21		
11	2.84	1.87	1.23	0.84	0.90	1.34	6.93	6.63	12.19	10.10		
12	2.80	1.82	1.20	0.82	0.96	1.46	6.77	6.43	12.34	9.92		
13	2.77	1.77	1.14	0.82	1.02	1.58	6.62	6.28	12.50	9.69		
14	2.72	1.76	1.14	0.84	1.05	1.70	6.51	6.18	12.52	9.52		
15	2.70	1.77	1.16	0.88	1.12	1.84	6.64	6.18	12.44	9.34		
16	2.70	1.80	1.18	0.92	1.20	2.01	7.80	6.35	12.28	9.13		
17	2.72	1.80	1.22	1.02	1.24	2.24	9.06	6.56	12.02	8.82		
18	2.76	1.80	1.27	1.23	1.33	2.55	9.54	6.82	11.97	8.64		
19	2.78	1.78	1.30	1.28	1.26	2.70	9.46	7.62	11.98	8.62		
20	2.74	1.74	1.32	1.32	1.20	3.11	9.11	8.90	11.80	8.37		
21	2.71	1.72	1.31	1.32	1.12	3.82	8.74	9.70	11.65	8.23		
22	2.66	1.68	1.30	1.26	1.08	4.79	8.60	10.08	11.54	8.08		
23	2.57	1.66	1.26	1.20	1.05	5.41	8.60	11.06	11.44	7.97		
24	2.47	1.63	1.24	0.98	1.04	5.63	8.60	12.23	11.11	7.81		
25	2.38	1.60	1.20	0.75	1.06	5.38	8.43	12.62	10.90	7.73		
26	2.34	1.61	1.15	0.74	1.08	5.00	8.08	12.92	10.79	7.52		
27	2.32	1.58	1.17	0.77	1.17	4.60	7.66	13.10	10.79	7.38		
28	2.22	1.58	1.21	0.92	1.18	4.30	7.02	13.20	10.88	7.20		
29	2.20		1.24	0.99	1.19	4.05	6.56	13.26	10.78	7.05		
30	2.18		1.25	1.04	1.18	3.85	6.20	13.28	10.56	6.78		
31	2.16		1.28		1.20		5.94	13.19		6.78		
Mean	2.75	1.83	1.32	1.04	1.09	2.65	7.38	8.69	11.93	8.99		
Max.	3.38	2.15	1.68	1.32	1.33	5.63	9.54	13.28	13.03	10.72		
Min.	2.16	1.58	1.14	0.74	0.89	1.15	3.65	6.02	10.56	6.78		

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1988

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						2.92	4.26	6.50	9.21	8.54	8.15	4.47
2						3.05	4.20	6.69	9.00	8.22	7.90	4.40
3						3.21	4.17	7.20	8.99	7.82	7.72	4.34
4						3.44	4.12	8.47	9.28	7.36	7.57	4.27
5						3.88	4.09	9.50	9.47	7.16	7.42	4.21
6						4.34	4.16	10.08	9.50	7.13	7.26	4.17
7						5.01	4.31	10.15	9.36	7.56	7.15	4.16
8						5.90	4.42	9.96	9.24	8.31	6.92	4.15
9						6.06	4.48	9.72	9.16	9.23	6.90	4.09
10						5.58	4.46	9.58	9.08	9.83	6.82	4.01
11						5.02	4.44	9.62	9.03	9.89	6.67	3.94
12						4.56	4.44	9.80	8.92	9.68	6.64	3.89
13						4.41	4.44	10.12	8.78	9.52	6.46	3.84
14						4.60	4.46	10.52	8.72	9.63	6.22	3.77
15						4.72	4.56	10.78	8.62	9.72	6.05	3.70
16						4.86	4.83	10.89	8.57	9.71	5.88	3.67
17						4.96	5.26	10.92	8.76	9.96	5.76	3.64
18						5.23	5.68	10.92	8.93	10.39	5.64	3.58
19						5.73	6.12	10.91	8.91	10.79	5.42	3.50
20						6.40	6.45	10.83	8.87	10.92	5.30	3.45
21						6.58	6.79	10.71	8.79	10.77	5.30	3.39
22						6.18	6.95	10.55	8.66	10.40	5.22	3.37
23						5.76	6.92	10.45	8.54	10.10	5.13	3.34
24						5.41	6.66	10.38	8.48	9.85	5.07	3.30
25						5.16	6.44	10.37	8.46	9.55	5.01	3.23
26						4.94	6.36	10.24	8.36	9.34	4.93	3.14
27						4.78	6.61	10.00	8.31	9.16	4.83	3.08
28						4.70	6.88	9.81	8.57	9.16	4.73	3.04
29						4.60	6.87	9.68	8.76	9.20	4.62	2.96
30						4.41	6.66	9.57	8.70	9.03	4.53	2.88
31							6.52	9.40		8.52		2.80
Mean						4.88	5.39	9.82	8.87	9.24	6.11	3.67
Max.						6.58	6.95	10.92	9.50	10.92	8.15	4.47
Min.						2.92	4.09	6.50	8.31	7.13	4.53	2.80

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1989

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.72	1.62	1.23	1.05	0.75	3.97	4.93	9.40	10.64	10.46	8.28	4.66
2	2.68	1.60	1.22	0.96	0.69	3.94	4.65	9.39	10.46	10.34	8.22	4.56
3	2.66	1.60	1.23	0.90	0.65	4.03	4.40	9.63	10.36	10.22	8.13	4.50
4	2.61	1.58	1.20	0.86	0.78	4.16	4.26	10.08	10.26	10.20	8.02	4.48
5	2.52	1.57	1.18	0.86	0.89	4.12	4.26	10.82	10.09	10.18	7.84	4.43
6	2.49	1.54	1.20	0.88	0.91	3.94	4.32	11.46	9.89	10.09	7.72	4.36
7	2.39	1.52	1.24	0.93	1.06	3.68	4.36	11.64	9.83	10.17	7.52	4.25
8	2.34	1.53	1.29	0.97	1.12	3.50	4.30	11.54	10.40	10.30	7.30	4.23
9	2.27	1.54	1.36	1.02	0.95	3.38	4.56	11.34	10.91	10.06	7.14	4.16
10	2.22	1.56	1.39	1.04	0.92	3.31	4.64	10.96	11.19	9.73	6.93	4.07
11	2.21	1.56	1.39	1.16	1.05	3.22	4.72	10.96	11.32	9.43	6.78	4.03
12	2.17	1.56	1.33	1.10	0.95	3.12	4.86	11.19	11.36	9.18	6.64	4.36
13	2.08	1.54	1.26	1.05	1.04	3.28	4.94	11.51	11.36	9.04	6.48	3.89
14	2.03	1.52	1.26	0.88	1.04	4.03	5.16	11.72	11.46	8.99	6.34	3.88
15	2.00	1.52	1.22	0.86	1.10	4.50	5.30	11.69	11.67	8.96	6.22	3.76
16	1.99	1.50	1.18	0.84	1.12	4.70	5.44	11.44	11.77	9.05	6.12	3.71
17	1.93	1.48	1.12	0.82	1.10	5.28	5.71	11.17	11.76	9.37	6.00	3.57
18	1.92	1.44	1.00	0.80	1.21	6.10	5.92	10.96	11.64	9.70	5.85	3.57
19	1.88	1.42	0.85	0.82	1.24	6.48	5.95	11.04	11.46	9.99	5.71	3.38
20	1.73	1.40	0.87	0.81	1.26	6.52	5.98	11.11	11.25	10.14	5.60	3.40
21	1.68	1.34	0.88	0.78	1.28	6.45	6.17	11.05	11.00	10.12	5.52	3.38
22	1.69	1.30	0.99	0.76	1.32	6.32	6.46	11.04	10.76	9.97	5.40	3.33
23	1.70	1.28	1.05	0.78	1.44	6.10	6.74	11.01	10.63	9.74	5.32	3.28
24	1.70	1.24	1.06	0.80	1.48	5.82	7.24	11.03	10.55	9.53	5.22	3.23
25	1.70	1.22	1.12	0.81	1.60	5.52	8.18	11.03	10.43	9.32	5.16	3.19
26	1.69	1.22	1.12	0.76	1.86	5.24	9.88	10.96	10.30	9.14	5.07	3.13
27	1.69	1.23	1.13	0.72	2.26	4.98	10.33	10.80	10.23	8.97	5.00	3.10
28	1.67	1.23	1.17	0.80	3.40	5.07	10.29	10.64	10.25	8.78	4.92	3.06
29	1.64		1.22	0.72	4.14	5.26	10.10	10.53	10.41	8.62	4.84	3.01
30	1.64		1.22	0.70	4.14	5.16	9.86	10.56	10.45	8.49	4.77	2.97
31	1.63		1.19		4.10		9.59	10.65		8.38		2.94
Mean	2.04	1.45	1.17	0.87	1.51	4.71	6.24	10.91	10.80	9.57	6.34	3.74
Max.	2.72	1.62	1.39	1.16	4.14	6.52	10.33	11.72	11.77	10.46	8.28	4.66
Min.	1.63	1.22	0.85	0.70	0.65	3.12	4.26	9.39	9.83	8.38	4.77	2.94

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1990

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.89	1.88	1.38	1.24	0.90	3.11	9.00	10.91	12.34	12.35	9.13	6.00
2	2.83	1.84	1.40	1.22	0.82	3.17	9.10	11.12	12.65	12.19	8.94	5.87
3	2.81	1.80	1.33	1.16	0.80	3.22	9.24	11.31	11.87	11.98	8.79	5.59
4	2.76	1.77	1.28	1.10	0.77	3.30	9.40	11.44	13.09	11.79	8.63	5.43
5	2.71	1.72	1.22	1.09	0.79	3.32	9.49	11.52	13.32	12.03	8.44	5.70
6	2.69	1.70	1.29	1.07	0.79	3.40	9.48	11.67	13.50	12.19	8.28	5.36
7	2.65	1.68	1.29	1.05	0.76	4.11	9.41	11.82	13.56	12.21	8.12	5.31
8	2.60	1.66	1.29	1.05	0.78	5.17	9.43	12.01	13.49	12.01	8.00	5.30
9	2.56	1.66	1.30	1.08	0.72	6.39	9.36	12.12	13.54	11.78	7.95	5.29
10	2.49	1.64	1.28	1.08	0.81	7.27	9.16	12.14	13.18	11.69	7.93	5.28
11	2.45	1.62	1.29	1.03	0.88	7.52	8.92	12.07	13.05	11.60	8.06	5.20
12	2.44	1.60	1.30	1.00	0.93	7.44	8.84	11.98	12.87	11.38	8.16	5.09
13	2.43	1.57	1.30	0.99	1.00	7.38	8.91	11.80	12.65	11.09	8.09	4.97
14	2.42	1.53	1.28	0.98	0.99	7.41	9.04	11.64	12.39	10.80	8.05	4.60
15	2.40	1.50	1.25	0.95	0.99	7.60	9.19	11.59	12.17	10.56	8.20	4.82
16	2.39	1.46	1.25	0.93	0.99	8.33	9.27	11.73	12.07	10.41	8.48	4.72
17	2.30	1.42	1.32	0.92	1.01	9.26	9.19	11.94	12.01	10.55	8.49	4.67
18	2.27	1.36	1.29	0.91	1.02	9.76	9.00	12.03	12.04	11.00	8.16	4.61
19	2.21	1.31	1.18	0.90	1.06	9.77	8.77	11.90	12.03	11.29	7.94	4.44
20	2.12	1.28	1.27	0.75	1.09	9.40	8.66	11.58	11.95	11.57	7.85	4.42
21	2.05	1.24	1.18	0.80	1.11	8.90	8.59	11.43	11.88	11.81	7.69	4.29
22	2.06	1.20	1.10	0.80	1.15	8.26	8.87	11.25	12.08	11.92	7.46	4.26
23	2.05	1.18	1.12	0.80	1.17	8.05	9.24	10.94	13.01	11.98	7.28	4.19
24	2.02	1.18	1.09	0.83	1.32	8.11	9.42	10.60	12.44	11.77	7.11	4.14
25	2.03	1.22	1.05	0.89	1.55	8.49	9.46	10.40	12.51	11.37	6.98	4.08
26	2.01	1.30	1.04	0.94	1.85	8.86	9.32	10.60	12.58	10.97	6.90	3.99
27	1.99	1.34	1.13	0.91	2.11	9.01	9.22	10.99	11.61	10.54	6.79	3.92
28	1.99	1.34	1.15	0.90	2.32	8.83	9.33	11.43	12.61	10.19	6.63	3.83
29	1.97		1.22	0.93	2.60	8.81	9.62	11.63	12.62	9.85	6.48	3.77
30	1.95		1.28	0.93	2.82	8.94	9.98	11.77	12.52	9.56	6.30	3.73
31	1.92		1.25		3.04		10.54	11.96		9.34		3.69
Mean	2.34	1.50	1.24	0.97	1.26	7.09	9.24	11.53	12.59	11.28	7.84	4.73
Max.	2.89	1.88	1.40	1.24	3.04	9.77	10.54	12.14	13.56	12.35	9.13	6.00
Min.	1.92	1.18	1.04	0.75	0.72	3.11	8.59	10.40	11.61	9.34	6.30	3.69

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1991

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.59	4.27	3.58	2.99	3.00	3.70	6.85	12.42	15.65	13.20	10.12	6.41
2	5.55	4.26	3.55	2.99	2.92	3.67	7.64	12.52	15.69	13.14	9.92	6.47
3	5.51	4.25	3.47	3.08	2.90	3.62	8.06	12.47	15.49	13.43	9.79	6.42
4	5.47	4.23	3.43	3.01	2.90	3.59	8.38	12.38	15.28	13.68	9.67	6.32
5	5.42	4.18	3.38	2.93	2.87	3.53	8.55	12.36	15.17	13.60	9.57	6.18
6	5.35	4.14	3.37	2.96	2.88	3.54	8.58	12.40	15.28	13.96	9.51	5.96
7	5.31	4.07	3.26	2.96	2.84	3.49	8.49	12.50	15.45	13.94	9.44	5.89
8	5.26	4.04	3.26	3.05	2.82	3.47	8.31	12.64	15.61	13.88	9.31	5.76
9	5.22	3.99	3.11	2.86	2.82	3.44	8.10	12.53	15.70	13.86	9.15	5.73
10	5.20	3.96	3.01	2.68	2.75	3.52	7.86	12.22	15.68	13.83	8.97	5.69
11	5.14	3.92	3.01	2.68	2.72	3.66	7.59	11.77	15.59	13.75	8.79	5.63
12	5.04	3.88	3.00	2.67	2.89	3.65	7.33	11.34	15.46	13.58	8.63	5.54
13	5.02	3.83	2.98	2.70	2.96	3.94	7.16	11.10	15.28	13.37	8.50	5.50
14	4.97	3.77	2.95	2.75	2.98	4.58	7.12	11.00	15.07	13.16	8.41	5.50
15	4.88	3.77	2.93	2.81	3.02	4.83	7.12	11.06	14.88	12.91	8.28	5.49
16	4.86	3.79	2.92	2.87	3.04	5.08	7.12	11.25	14.66	12.70	8.26	5.47
17	4.84	3.77	2.89	2.93	3.07	5.26	7.12	11.53	14.40	12.49	8.29	5.45
18	4.82	3.77	2.94	2.91	3.14	5.37	7.26	12.08	14.10	12.37	8.31	5.35
19	4.80	3.75	3.22	2.89	3.12	5.50	7.24	12.88	13.86	12.08	8.28	5.31
20	4.77	3.73	3.13	2.96	3.02	5.70	7.50	13.43	13.63	11.79	8.19	5.25
21	4.75	3.67	3.16	3.06	2.96	5.81	8.34	13.83	13.49	11.50	8.09	5.21
22	4.70	3.64	3.14	3.08	2.92	5.88	9.67	14.17	13.54	11.30	7.89	5.12
23	4.64	3.64	3.09	3.20	3.00	5.82	10.81	14.47	13.67	11.18	7.74	5.18
24	4.58	3.64	3.13	3.06	3.12	5.74	11.43	14.76	13.73	10.95	7.58	5.60
25	4.53	3.63	2.96	2.97	3.26	5.74	11.90	15.07	13.62	10.76	7.50	5.92
26	4.48	3.60	2.88	3.11	3.38	5.73	11.96	15.29	13.47	10.69	7.42	5.86
27	4.44	3.59	2.87	3.11	3.54	5.78	11.82	15.44	13.24	10.76	7.15	5.82
28	4.44	3.58	2.84	3.05	3.61	6.06	11.75	15.49	13.12	10.89	7.06	5.78
29	4.41		2.94	3.02	3.65	6.25	11.95	15.49	13.07	10.80	6.71	5.72
30	4.35		3.02	3.03	3.72	6.85	12.09	15.56	13.24	10.61	6.50	5.61
31	4.29		3.02		3.74		12.24	15.64		10.38		5.53
Mean	4.92	3.87	3.11	2.95	3.08	4.76	8.95	13.13	14.54	12.40	8.43	5.70
Max.	5.59	4.27	3.58	3.20	3.74	6.85	12.24	15.64	15.70	13.96	10.12	6.47
Min.	4.29	3.58	2.84	2.67	2.72	3.44	6.85	11.00	13.07	10.38	6.50	5.12

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1992

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.48	4.28	3.53	2.84	2.15	2.97	8.62	10.61	14.04	11.53	9.75	5.34
2	5.40	4.24	3.48	2.85	2.20	2.94	8.18	10.27	14.06	11.51	9.68	5.23
3	5.37	4.22	3.44	2.84	2.22	2.89	7.66	10.06	13.96	11.39	9.45	5.19
4	5.31	4.20	3.42	2.86	2.22	2.86	7.28	10.02	13.78	11.12	9.13	5.13
5	5.29	4.18	3.35	2.86	2.31	2.84	7.10	10.09	13.62	10.91	8.70	5.02
6	5.25	4.14	3.34	2.89	2.34	2.86	6.98	10.05	13.28	10.69	8.50	4.95
7	5.23	4.14	3.35	2.90	2.38	2.84	6.86	10.03	12.98	10.50	8.37	4.89
8	5.20	4.12	3.37	3.00	2.40	2.86	6.62	10.06	12.71	10.30	8.25	4.83
9	5.16	4.09	3.42	2.88	2.42	3.00	6.23	10.03	12.41	9.99	8.08	4.79
10	5.13	4.06	3.39	2.81	2.38	3.30	5.88	9.97	12.02	9.96	7.86	4.77
11	5.10	4.03	3.39	2.76	2.30	3.48	5.65	9.84	11.87	10.03	7.68	4.73
12	5.10	3.99	3.41	2.76	2.29	3.64	5.58	10.03	11.89	9.99	7.44	4.77
13	5.09	3.92	3.41	2.74	2.32	3.83	5.74	10.43	12.10	9.98	7.30	4.90
14	5.06	3.92	3.40	2.80	2.32	4.07	6.17	10.80	12.28	9.90	7.18	4.90
15	5.06	3.90	3.41	2.83	2.34	4.42	6.74	11.07	12.30	9.78	6.98	4.88
16	5.03	3.86	3.39	2.85	2.40	4.52	7.05	11.30	12.14	9.62	6.86	4.79
17	5.00	3.86	3.42	3.04	2.39	4.54	7.14	12.01	11.80	9.50	6.73	4.67
18	4.97	3.84	3.42	3.10	2.41	4.52	7.09	12.60	11.49	9.17	6.59	4.57
19	4.90	3.82	3.44	3.16	2.43	4.52	7.11	12.94	11.27	8.92	6.47	4.48
20	4.84	3.83	3.44	3.22	2.43	4.50	7.27	13.13	11.05	8.73	6.36	4.38
21	4.82	3.82	3.42	3.12	2.42	4.68	7.38	13.30	10.98	8.39	6.22	4.32
22	4.80	3.82	3.36	3.04	2.40	4.99	7.36	13.48	11.02	8.22	6.14	4.28
23	4.76	3.81	3.30	3.04	2.38	5.84	7.34	13.66	11.12	7.98	6.04	4.21
24	4.72	3.77	3.17	2.95	2.32	6.28	7.23	13.76	11.18	7.75	5.97	4.16
25	4.68	3.73	3.12	2.87	2.33	6.26	7.66	13.79	11.55	7.72	5.88	4.11
26	4.62	3.72	3.06	2.84	2.35	6.22	8.26	13.77	12.08	7.92	5.73	4.07
27	4.56	3.70	2.98	2.38	2.42	6.14	9.18	13.78	12.28	8.59	5.64	4.02
28	4.48	3.62	2.96	2.18	2.51	6.74	10.50	13.77	12.09	9.23	5.57	3.98
29	4.43	3.58	2.91	2.14	2.62	7.53	11.18	13.80	11.88	9.44	5.47	3.94
30	4.36		2.90	2.14	2.79	8.49	11.26	13.90	11.71	9.43	5.39	3.91
31	4.31		2.85		2.92		11.00	13.96		9.45		3.86
Mean	4.95	3.94	3.30	2.82	2.39	4.49	7.59	11.82	12.23	9.60	7.18	4.58
Max.	5.48	4.28	3.53	3.22	2.92	8.49	11.26	13.96	14.06	11.53	9.75	5.34
Min.	4.31	3.58	2.85	2.14	2.15	2.84	5.58	9.84	10.98	7.72	5.39	3.86

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1993

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.81	2.80	2.39	2.01	1.94	3.95	5.60	9.50	12.30	11.26	7.94	5.54
2	3.75	2.78	2.34	2.03	1.98	4.02	6.00	9.57	12.35	11.14	7.79	5.47
3	3.66	2.78	2.40	1.95	2.00	4.16	6.16	10.16	12.51	10.98	7.66	5.46
4	3.67	2.78	2.37	1.96	2.12	4.21	6.58	10.79	12.62	10.81	7.58	5.50
5	3.65	2.78	2.32	1.99	2.14	4.16	7.32	11.04	12.54	10.77	7.56	5.44
6	3.64	2.89	2.29	2.02	2.12	4.17	7.84	11.14	12.38	10.89	7.49	5.30
7	3.64	2.80	2.29	2.07	2.23	4.08	8.04	11.27	12.28	11.01	7.42	5.30
8	3.66	2.80	2.34	2.15	2.22	3.95	7.91	11.67	12.49	10.96	7.36	5.20
9	3.66	2.80	2.34	2.27	2.18	3.82	7.71	11.96	12.88	10.93	7.29	5.17
10	3.62	2.79	2.44	2.28	2.16	3.66	7.65	11.93	13.10	10.91	7.20	5.20
11	3.76	2.74	2.45	2.23	2.12	3.60	7.51	11.87	13.15	10.88	7.13	5.25
12	3.77	2.73	2.44	2.31	2.08	3.45	7.77	11.70	13.08	10.57	7.05	5.24
13	3.74	2.70	2.41	2.23	2.03	3.32	8.40	11.53	13.03	10.14	7.00	5.22
14	3.61	2.67	2.46	2.11	1.97	3.32	8.91	11.43	13.03	9.80	6.96	5.20
15	3.54	2.62	2.39	2.16	2.00	3.40	9.16	11.55	13.18	9.52	6.87	5.20
16	3.46	2.55	2.33	2.09	2.18	3.54	9.36	11.73	13.00	9.47	6.78	5.22
17	3.39	2.48	2.20	2.16	2.27	3.99	10.18	11.81	13.43	9.21	6.62	5.21
18	3.36	2.47	2.14	1.97	2.25	4.19	10.99	11.83	13.40	9.12	6.50	5.13
19	3.30	2.45	2.13	1.83	2.26	4.86	11.40	11.83	13.33	9.32	6.39	5.03
20	3.28	2.44	2.06	1.79	2.36	4.99	11.57	11.98	13.24	9.34	6.27	5.02
21	3.23	2.42	2.22	1.77	2.22	4.99	11.61	12.24	13.08	9.10	6.12	5.01
22	3.23	2.39	2.27	1.74	2.71	4.98	11.53	12.67	12.94	8.94	6.02	4.94
23	3.14	2.38	2.20	1.70	2.84	4.96	11.47	13.01	12.78	8.88	5.92	4.82
24	3.12	2.42	2.07	1.70	2.97	4.91	11.33	13.08	12.61	8.74	5.84	4.71
25	3.11	2.46	2.12	1.66	3.17	4.91	11.07	12.89	12.44	8.70	5.76	4.62
26	3.09	2.43	2.15	1.62	3.21	4.96	10.77	12.62	12.27	8.72	5.66	4.53
27	3.09	2.42	2.16	1.56	3.18	4.95	10.45	12.44	12.01	8.70	5.64	4.49
28	3.04	2.41	2.14	1.94	3.18	4.98	10.07	12.34	11.89	8.69	5.66	4.44
29	2.98		2.14	1.94	3.20	5.26	9.85	12.33	11.72	8.59	5.67	4.39
30	2.92		2.12	1.91	3.40	5.46	9.73	12.34	11.51	8.37	5.62	4.34
31	2.86		2.07		3.62		9.60	12.31		8.14		4.29
Mean	3.41	2.61	2.26	1.97	2.46	4.31	9.15	11.76	12.69	9.76	6.69	5.03
Max.	3.81	2.89	2.46	2.31	3.62	5.46	11.61	13.08	13.43	11.26	7.94	5.54
Min.	2.86	2.38	2.06	1.56	1.94	3.32	5.60	9.50	11.51	8.14	5.62	4.29

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1994

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.22	3.01	2.64	2.39	2.29	3.61	10.06	13.40	14.25	14.24	8.86	5.86
2	4.19	2.96	2.61	2.30	2.27	3.70	10.16	13.59	14.40	13.96	8.65	5.78
3	4.15	2.91	2.60	2.20	2.21	3.78	10.16	13.86	14.50	13.74	8.46	5.74
4	4.08	2.83	2.52	2.16	2.18	3.82	10.10	14.16	14.56	13.50	8.30	5.67
5	4.01	2.79	2.45	2.09	2.11	3.90	9.92	14.55	14.61	13.28	8.20	5.62
6	3.96	2.76	2.42	2.01	2.09	4.06	9.84	14.90	14.62	13.18	8.02	5.57
7	3.90	2.74	2.30	2.04	2.12	4.32	9.76	15.08	14.68	13.02	7.84	5.54
8	3.83	2.72	2.22	2.09	2.22	4.74	9.65	15.10	14.90	12.80	7.77	5.49
9	3.80	2.68	2.17	2.04	2.31	5.16	9.65	15.04	15.05	12.59	7.58	5.45
10	3.78	2.69	2.18	2.12	2.34	5.54	9.73	14.92	15.10	12.44	7.45	5.41
11	3.77	2.73	2.22	2.25	2.41	5.94	10.24	14.78	15.14	11.91	7.34	5.40
12	3.72	2.73	2.24	2.30	2.38	6.29	11.52	14.63	15.17	11.90	7.21	5.35
13	3.69	2.74	2.27	2.36	2.30	6.63	12.36	14.50	15.17	11.94	7.03	5.35
14	3.65	2.70	2.27	2.43	2.27	7.06	12.62	14.29	15.14	11.82	6.97	5.36
15	3.59	2.66	2.32	2.49	2.21	7.56	12.59	14.12	15.02	11.64	6.88	5.37
16	3.52	2.61	2.36	2.56	2.20	7.84	12.52	13.87	14.82	11.39	6.78	5.37
17	3.46	2.60	2.30	2.58	2.10	7.97	12.38	13.66	14.68	11.39	6.70	5.30
18	3.39	2.55	2.36	2.58	2.08	8.00	12.22	13.57	14.62	11.21	6.62	5.30
19	3.33	2.50	2.34	2.57	2.17	8.03	12.24	13.46	14.66	11.00	6.56	5.26
20	3.23	2.43	2.26	2.43	2.34	8.30	12.52	13.35	14.71	10.84	6.46	5.19
21	3.16	2.41	2.20	2.33	2.40	8.51	12.95	13.32	14.64	10.69	6.38	5.14
22	3.08	2.41	2.13	2.28	2.52	8.77	13.37	13.30	14.54	10.46	6.33	5.10
23	3.11	2.43	2.05	2.26	2.68	9.30	13.59	13.29	14.44	10.25	6.26	5.10
24	3.10	2.41	2.21	2.28	2.81	9.89	13.71	13.28	14.40	10.14	6.20	5.14
25	3.08	2.45	2.20	2.32	2.85	10.06	13.77	13.32	14.45	10.02	6.14	5.14
26	3.06	2.50	2.29	2.37	2.94	9.81	13.76	13.44	14.34	9.82	6.12	5.14
27	3.04	2.53	2.30	2.39	3.01	9.44	13.68	13.53	14.28	9.66	6.10	5.10
28	3.04	2.62	2.34	2.42	3.15	9.24	13.56	13.59	14.26	9.46	6.09	5.04
29	3.06		2.39	2.42	3.41	9.78	13.44	13.70	14.34	9.29	6.01	4.94
30	3.06		2.45	2.37	3.53	9.94	13.44	13.80	14.33	9.14	5.94	4.85
31	3.06		2.44		3.57		13.48	14.02		8.98		4.78
Mean	3.52	2.65	2.32	2.31	2.50	7.03	11.90	13.98	14.66	11.47	7.04	5.32
Max.	4.22	3.01	2.64	2.58	3.57	10.06	13.77	15.10	15.17	14.24	8.86	5.86
Min.	3.04	2.41	2.05	2.01	2.08	3.61	9.65	13.28	14.25	8.98	5.94	4.78

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1995

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.69	3.37	2.75	2.35	2.03	3.11	5.82	11.40	14.04	12.48	10.32	6.89
2	4.64	3.41	2.74	2.34	2.12	3.06	6.06	12.58	14.23	12.46	10.32	6.78
3	4.57	3.39	2.75	2.34	2.16	3.00	6.19	12.72	14.42	12.48	10.06	6.68
4	4.53	3.34	2.72	2.38	2.15	3.02	6.55	12.59	14.60	12.48	9.88	6.57
5	4.47	3.26	2.70	2.38	2.12	3.14	6.87	12.47	14.76	12.45	9.90	6.50
6	4.40	3.21	2.70	2.39	2.03	3.28	6.93	12.41	14.94	12.46	9.73	6.49
7	4.38	3.16	2.71	2.38	2.05	3.47	7.08	12.37	15.08	12.56	9.48	6.47
8	4.38	3.12	2.69	2.32	1.96	3.66	7.57	12.42	15.20	12.72	9.31	6.39
9	4.37	3.10	2.64	2.29	2.01	3.78	8.24	12.50	15.26	12.70	9.18	6.32
10	4.32	3.08	2.52	2.26	1.99	3.91	8.68	12.69	15.26	12.69	9.04	6.23
11	4.28	3.07	2.46	2.26	1.94	4.01	8.94	12.75	15.22	12.64	8.90	6.14
12	4.23	3.07	2.41	2.26	1.90	4.07	9.02	12.76	15.20	12.54	8.71	6.06
13	4.12	3.06	2.37	2.32	2.02	4.15	8.93	12.76	15.15	12.49	8.54	6.00
14	4.05	3.02	2.33	2.40	2.08	4.25	8.78	12.66	15.06	12.48	8.46	5.92
15	4.00	3.00	2.38	2.41	2.12	4.53	8.45	12.55	14.99	12.48	8.36	5.85
16	3.92	3.00	2.40	2.45	2.35	4.98	8.22	12.44	14.97	12.40	8.16	5.80
17	3.87	2.96	2.42	2.46	2.51	5.58	8.18	12.39	14.97	12.30	7.96	5.72
18	3.86	2.94	2.50	2.44	2.64	5.58	8.51	12.40	14.91	12.28	7.78	5.65
19	3.82	2.93	2.51	2.40	2.74	5.74	9.05	12.48	14.77	12.06	7.64	5.59
20	3.80	2.90	2.54	2.42	2.82	5.84	9.42	12.50	14.58	11.78	7.50	5.52
21	3.78	2.87	2.61	2.36	2.92	5.96	9.95	12.51	14.35	11.46	7.42	5.44
22	3.74	2.82	2.60	2.38	3.05	6.21	10.06	12.55	14.14	11.19	7.34	5.39
23	3.72	2.78	2.51	2.16	3.21	6.42	9.87	12.64	13.92	10.96	7.30	5.36
24	3.69	2.77	2.46	1.94	3.33	6.47	9.62	12.74	13.89	10.70	7.26	5.30
25	3.57	2.76	2.42	1.95	3.39	6.38	9.44	12.92	13.84	10.48	7.22	5.25
26	3.53	2.76	2.38	2.00	3.42	6.14	9.36	13.17	13.65	10.25	7.16	5.21
27	3.50	2.74	2.34	2.00	3.40	5.96	9.40	13.50	13.34	10.06	7.12	5.18
28	3.48	2.73	2.34	2.00	3.40	5.74	9.44	13.72	12.96	10.04	7.08	5.10
29	3.44		2.38	2.07	3.28	5.56	9.38	13.84	12.78	10.08	7.04	5.03
30	3.43		2.37	2.08	3.19	5.46	9.40	13.87	12.62	10.47	7.00	4.98
31	3.40		2.36		3.14		10.14	13.92		10.44		4.94
Mean	4.00	3.02	2.52	2.27	2.56	4.75	8.50	12.75	14.44	11.78	8.37	5.83
Max.	4.69	3.41	2.75	2.46	3.42	6.47	10.14	13.92	15.26	12.72	10.32	6.89
Min.	3.40	2.73	2.33	1.94	1.90	3.00	5.82	11.40	12.62	10.04	7.00	4.94

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1996

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.89	3.55	2.90	2.28	2.51	4.52	6.56	12.65	13.35	16.02	11.27	8.74
2	4.86	3.51	2.87	2.30	2.44	4.52	6.64	12.56	13.24	15.91	11.24	8.62
3	4.81	3.48	2.86	2.30	2.51	4.58	6.53	12.46	13.15	15.76	11.10	8.51
4	4.79	3.46	2.86	2.31	2.62	4.51	6.37	12.39	13.04	15.62	11.08	8.47
5	4.74	3.45	2.85	2.37	2.62	4.38	6.22	12.50	12.84	15.40	11.39	8.51
6	4.70	3.42	2.84	2.44	2.63	4.68	6.06	13.06	12.64	15.10	11.92	8.40
7	4.67	3.40	2.82	2.48	2.64	5.05	5.93	13.60	12.45	14.79	12.16	8.21
8	4.63	3.39	2.79	2.48	2.70	4.88	5.84	13.93	12.34	14.49	12.12	8.04
9	4.59	3.37	2.76	2.47	2.75	4.72	5.89	14.07	12.25	14.19	11.92	7.90
10	4.54	3.32	2.71	2.45	2.82	4.58	5.97	14.05	12.14	13.89	11.68	7.78
11	4.40	3.28	2.67	2.44	2.98	4.40	5.95	13.92	12.08	13.59	11.41	7.68
12	4.36	3.25	2.68	2.42	3.20	4.24	5.88	13.67	12.10	13.30	11.16	7.58
13	4.30	3.21	2.68	2.44	3.46	4.16	5.90	13.37	11.98	13.08	10.08	7.48
14	4.24	3.18	2.68	2.50	3.64	4.10	5.96	13.06	11.85	12.94	10.68	7.37
15	4.18	3.16	2.64	2.56	3.92	4.16	5.96	12.87	12.08	12.74	10.57	7.27
16	4.24	3.12	2.60	2.60	4.16	4.43	5.96	12.82	13.20	12.75	10.44	7.20
17	4.18	3.11	2.60	2.68	4.68	4.67	6.03	12.82	13.67	12.38	10.30	7.09
18	4.14	3.13	2.59	2.74	5.30	4.74	6.28	12.82	13.93	12.24	10.13	7.00
19	4.11	3.17	2.60	2.75	5.66	4.78	6.69	12.85	14.24	12.11	10.01	6.92
20	4.11	3.20	2.58	2.74	5.62	4.90	6.88	12.91	14.57	11.98	9.95	6.84
21	4.09	3.20	2.57	2.66	5.42	5.20	7.09	12.96	14.90	11.84	9.99	6.76
22	4.05	3.17	2.58	2.64	5.20	5.62	7.51	13.06	15.22	11.70	9.92	6.66
23	4.01	3.16	2.54	2.66	4.92	5.90	8.32	13.14	15.49	11.45	9.80	6.60
24	3.96	3.14	2.52	2.66	4.62	6.00	9.58	13.19	15.70	11.30	9.69	6.59
25	3.91	3.12	2.50	2.64	4.46	6.10	10.84	13.24	15.88	11.40	9.58	6.60
26	3.88	3.06	2.48	2.65	4.38	6.24	11.63	13.28	15.98	11.92	9.40	6.52
27	3.82	3.01	2.46	2.71	4.22	6.35	12.06	13.35	16.03	11.91	9.29	6.42
28	3.73	2.97	2.43	2.70	4.10	6.40	12.41	13.48	16.08	11.90	9.17	6.30
29	3.67	2.93	2.38	2.64	4.13	6.40	12.58	13.42	16.11	11.66	9.01	6.20
30	3.63		2.32	2.56	4.35	6.46	12.64	13.42	16.10	11.39	8.85	6.12
31	3.59		2.29		4.48		12.67	13.40		11.18		
Mean	4.25	3.24	2.63	2.54	3.84	5.06	7.77	13.17	13.82	13.09	10.51	
Max.	4.89	3.55	2.90	2.75	5.66	6.46	12.67	14.07	16.11	16.02	12.16	
Min.	3.59	2.93	2.29	2.28	2.44	4.10	5.84	12.39	11.85	11.18	8.85	

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1997

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.99	4.22	3.31	2.63	3.08	4.11	6.46	14.09	14.11	13.42	8.90	5.92
2	5.90	4.18	3.28	2.65	3.04	4.22	6.88	14.34	14.17	13.26	8.74	5.86
3	5.82	4.14	3.24	2.54	2.98	4.31	7.18	14.70	14.17	13.10	8.60	5.82
4	5.74	4.12	3.19	2.50	2.94	4.52	7.42	15.08	14.09	13.00	8.46	5.77
5	5.68	4.13	3.16	2.52	2.92	4.64	7.64	15.44	14.00	12.92	8.32	5.74
6	5.68	4.12	3.15	2.56	2.88	4.70	7.76	15.68	13.92	12.80	8.22	5.69
7	5.53	4.12	3.15	2.60	2.88	4.68	7.82	15.74	13.86	12.73	8.18	5.64
8	5.45	4.14	3.15	2.65	2.88	4.62	7.84	15.68	13.82	12.74	8.17	5.59
9	5.38	4.15	3.15	2.72	2.87	4.62	7.86	15.50	13.79	12.71	8.10	5.55
10	5.32	4.15	3.15	2.78	2.87	4.47	7.93	15.30	13.83	12.55	8.01	5.46
11	5.25	4.14	3.12	2.82	2.85	4.27	8.06	15.08	13.88	12.36	7.88	5.40
12	5.20	4.12	3.07	2.88	2.81	4.16	8.24	14.80	13.94	12.20	7.76	5.35
13	5.16	4.12	3.04	2.92	2.78	4.11	8.16	14.48	14.00	12.15	7.64	5.28
14	5.11	4.06	2.96	2.93	2.75	4.06	8.25	14.11	14.03	12.07	7.52	5.23
15	5.08	4.02	2.90	2.90	2.72	4.00	8.64	13.81	14.05	11.92	7.42	5.19
16	5.02	3.98	2.83	2.88	2.70	3.90	9.46	13.66	14.06	11.84	7.30	5.15
17	4.97	3.88	2.76	2.90	2.72	3.79	10.59	13.68	14.04	11.86	7.20	5.10
18	4.90	3.82	2.71	2.95	2.78	3.70	11.12	13.76	13.94	11.84	7.08	5.04
19	4.84	3.75	2.72	3.02	2.83	3.59	11.46	13.96	13.82	11.64	6.98	4.99
20	4.81	3.63	2.70	3.08	2.88	3.51	11.52	14.39	13.69	11.42	6.88	4.94
21	4.74	3.62	2.70	3.12	3.02	3.48	11.56	14.78	13.62	11.20	6.76	4.86
22	4.69	3.58	2.69	3.12	3.13	3.54	11.76	15.08	13.58	10.97	6.68	4.80
23	4.64	3.56	2.68	3.13	3.22	3.68	12.00	15.27	13.46	10.73	6.60	4.74
24	4.59	3.54	2.68	3.12	3.31	3.94	12.30	15.27	13.32	10.50	6.52	4.68
25	4.56	3.50	2.72	3.14	3.38	4.20	12.67	15.15	13.22	10.30	6.42	4.64
26	4.51	3.46	2.72	3.12	3.44	4.44	12.96	14.96	13.04	10.06	6.32	4.59
27	4.47	3.42	2.76	3.16	3.61	4.65	13.20	14.73	12.86	9.80	6.22	4.55
28	4.42	3.36	2.75	3.22	3.85	4.84	13.41	14.51	13.12	9.60	6.12	4.52
29	4.38		2.73	3.19	4.05	5.25	13.60	14.28	13.34	9.49	6.04	4.50
30	4.33		2.68	3.14	4.02	5.89	13.80	14.08	13.43	9.21	5.98	4.46
31	4.28		2.64		4.03		13.94	14.04		9.05		4.42
Mean	5.05	3.89	2.92	2.90	3.10	4.26	10.05	14.69	13.74	11.59	7.37	5.14
Max.	5.99	4.22	3.31	3.22	4.05	5.89	13.94	15.74	14.17	13.42	8.90	5.92
Min.	4.28	3.36	2.64	2.50	2.70	3.48	6.46	13.66	12.86	9.05	5.98	4.42

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1998

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.41	3.37	2.74	2.42	2.38	3.76	4.26	7.38	9.42	10.72	6.59	7.92
2	4.36	3.34	2.76	2.32	2.36	3.82	4.51	7.31	9.34	10.83	6.48	7.62
3	4.30	3.30	2.76	2.26	2.28	3.88	4.89	7.17	9.42	10.68	6.36	6.94
4	4.26	3.22	2.70	2.22	2.24	3.89	5.28	7.16	9.52	10.26	6.28	6.46
5	4.20	3.14	2.63	2.17	2.20	3.89	5.67	7.46	9.56	9.77	6.22	6.15
6	4.15	3.10	2.56	2.12	2.22	3.89	6.04	7.74	9.55	9.32	6.20	5.91
7	4.12	3.06	2.50	2.08	2.26	3.86	6.63	8.19	9.54	9.02	6.18	5.71
8	4.11	3.05	2.46	2.08	2.36	3.91	7.62	8.41	9.63	9.04	6.16	5.53
9	4.07	3.05	2.42	2.06	2.42	3.96	8.58	8.37	9.72	9.02	6.09	5.37
10	4.03	3.05	2.42	2.05	2.47	4.03	8.96	8.28	9.82	9.12	6.04	5.25
11	4.00	3.04	2.40	2.08	2.50	4.18	9.03	8.28	10.09	9.14	5.95	5.20
12	3.97	3.03	2.39	2.11	2.58	4.35	8.98	8.38	10.63	9.01	5.84	5.16
13	3.94	3.02	2.40	2.13	2.58	4.45	8.96	8.58	11.43	8.86	5.76	5.13
14	3.91	3.00	2.42	2.14	2.54	4.51	9.04	8.95	11.82	8.79	5.68	5.06
15	3.86	2.97	2.44	2.13	2.51	4.54	9.14	9.14	11.87	8.71	5.63	5.00
16	3.82	2.91	2.44	2.16	2.39	4.58	9.22	9.21	11.78	8.64	5.57	4.99
17	3.79	2.84	2.42	2.21	2.42	4.59	9.26	9.34	11.72	8.47	5.54	5.10
18	3.74	2.77	2.35	2.24	2.44	4.54	9.06	9.59	11.69	8.14	5.66	5.23
19	3.69	2.70	2.30	2.27	2.40	4.45	8.95	9.62	11.66	8.06	5.89	5.30
20	3.63	2.64	2.24	2.30	2.46	4.33	8.89	9.68	11.72	8.17	5.96	5.29
21	3.60	2.60	2.22	2.35	2.56	4.19	8.90	9.84	11.84	8.07	6.13	5.24
22	3.56	2.58	2.15	2.38	2.68	4.09	8.92	10.02	12.01	7.78	6.42	5.20
23	3.52	2.57	2.14	2.44	2.82	3.98	8.90	10.17	12.13	7.52	6.67	5.13
24	3.51	2.57	2.17	2.47	2.96	3.86	8.83	10.48	12.24	7.38	7.53	5.02
25	3.50	2.58	2.20	2.48	3.05	3.77	8.65	10.59	12.21	7.45	8.04	4.89
26	3.50	2.62	2.34	2.47	3.13	3.80	8.44	10.30	11.97	7.46	8.14	4.74
27	3.48	2.67	2.35	2.51	3.23	3.84	8.20	9.96	11.68	7.28	8.08	4.59
28	3.44	2.71	2.38	2.50	3.40	3.92	7.97	9.78	11.23	7.11	8.03	4.39
29	3.42		2.43	2.48	3.55	4.08	7.76	9.69	10.82	6.96	7.83	4.29
30	3.40		2.47	2.44	3.64	4.13	7.56	9.63	10.57	6.83	7.96	4.18
31	3.40		2.45		3.74		7.44	9.52		6.77		4.09
Mean	3.83	2.91	2.42	2.27	2.67	4.10	7.89	8.97	10.89	8.53	6.50	5.36
Max.	4.41	3.37	2.76	2.51	3.74	4.59	9.26	10.59	12.24	10.83	8.14	7.92
Min.	3.40	2.57	2.14	2.05	2.20	3.76	4.26	7.16	9.34	6.77	5.54	4.09

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: KOMPONG CHAM
RIVER: MEKONG RIVER
YEAR: 1999

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.00	2.93	2.37	2.26	3.08	6.90	9.14	13.76	12.07	13.88	9.73	7.72
2	3.93	2.93	2.40	2.29	3.08	7.44	8.94	14.03	12.16	13.75	9.66	7.80
3	3.86	2.97	2.44	2.29	3.11	7.75	8.70	14.18	12.32	13.64	9.64	7.76
4	3.84	2.99	2.45	2.27	3.26	8.07	8.48	14.40	12.44	13.52	9.83	7.64
5	3.80	3.02	2.42	2.22	3.48	8.38	8.53	14.55	12.50	13.36	9.92	7.57
6	3.78	2.99	2.38	2.21	3.81	8.77	8.73	14.65	12.49	13.14	10.36	7.52
7	3.74	2.92	2.28	2.20	3.88	9.22	8.85	14.70	12.56	12.87	10.87	7.49
8	3.64	2.86	2.22	2.23	3.67	9.61	8.87	14.72	12.70	12.59	11.27	7.46
9	3.57	2.78	2.17	2.14	3.45	9.65	8.83	14.71	12.80	12.37	11.67	7.35
10	3.48	2.73	2.12	2.08	3.29	9.35	8.72	14.66	12.81	12.13	11.65	7.14
11	3.39	2.68	2.05	2.04	3.20	9.13	8.67	14.58	12.82	12.01	11.25	7.04
12	3.33	2.62	2.02	2.00	3.18	8.90	8.68	14.45	12.87	11.83	10.89	6.98
13	3.32	2.60	2.01	1.95	3.31	8.56	8.74	14.28	13.01	11.72	10.64	6.92
14	3.31	2.60	2.02	2.00	3.85	8.24	8.83	14.14	13.10	11.58	10.44	6.82
15	3.30	2.58	2.02	2.00	4.87	8.12	9.14	13.96	13.08	11.25	10.31	6.74
16	3.29	2.59	2.06	2.19	5.42	8.22	9.50	13.68	13.08	11.08	10.17	6.65
17	3.31	2.64	2.17	2.25	5.62	8.37	9.66	13.46	13.16	10.98	9.98	6.56
18	3.33	2.67	2.21	2.34	5.46	8.48	9.56	13.28	13.23	10.83	9.76	6.49
19	3.32	2.64	2.23	2.44	5.26	8.65	9.44	13.07	13.30	10.58	9.53	6.42
20	3.28	2.59	2.24	2.48	5.25	8.82	9.33	13.00	13.36	10.38	9.31	6.32
21	3.22	2.55	2.20	2.47	5.36	9.17	9.33	12.94	13.40	10.29	9.15	6.26
22	3.20	2.50	2.16	2.45	5.42	9.52	9.25	12.75	13.42	10.30	9.01	6.21
23	3.14	2.45	2.13	2.40	5.47	9.66	9.14	12.50	13.52	10.24	8.91	6.19
24	3.10	2.43	2.15	2.46	5.67	9.54	9.34	12.17	13.66	10.11	8.85	6.19
25	3.05	2.42	2.13	2.55	5.84	9.54	9.74	11.96	13.78	9.98	8.66	6.14
26	3.01	2.40	2.11	2.63	6.02	9.43	10.58	11.86	13.87	9.86	8.45	6.08
27	2.94	2.38	2.07	2.71	6.11	9.37	11.58	11.83	13.94	9.85	8.30	6.00
28	2.92	2.37	2.06	2.76	6.14	9.32	12.52	11.97	13.96	9.90	8.14	5.93
29	2.91		2.12	2.84	6.14	9.22	12.80	12.06	13.96	9.84	7.98	5.85
30	2.92		2.15	3.00	6.24	9.21	12.88	12.06	13.96	9.80	7.83	5.75
31	2.93		2.21		6.39	9.28	13.32	12.06		9.72		5.68
Mean	3.36	2.67	2.19	2.34	4.66	8.84	9.67	13.43	13.11	11.40	9.74	6.73
Max.	4.00	3.02	2.45	3.00	6.39	9.66	13.32	14.72	13.96	13.88	11.67	7.80
Min.	2.91	2.37	2.01	1.95	3.08	6.90	8.48	11.83	12.07	9.72	7.83	5.68

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: **CHRUY CHANGVAR**
RIVER: **MEKONG RIVER**
YEAR: **1983**

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.14	3.08	2.38	2.06	1.82	1.94	4.84	5.08	8.26	8.65	8.88	7.34
2	4.12	3.04	2.38	2.04	1.90	2.02	4.79	5.08	8.33	8.72	9.18	7.21
3	4.10	2.98	2.38	2.07	1.97	1.93	4.08	5.17	8.34	8.76	9.32	7.16
4	4.07	2.93	2.36	2.06	2.00	1.82	3.86	5.18	8.34	8.79	9.27	6.96
5	4.03	2.89	2.31	2.01	2.01	1.74	3.54	5.22	8.38	8.85	9.22	6.85
6	3.98	2.82	2.30	1.88	1.94	1.78	3.31	5.40	8.89	8.89	9.21	6.78
7	3.92	2.76	2.34	1.84	1.89	1.83	3.22	5.71	8.36	8.96	8.95	6.67
8	3.88	2.65	2.30	1.76	1.65	1.77	3.11	5.91	8.25	9.02	8.74	6.44
9	3.82	2.65	2.26	1.68	1.68	1.85	3.19	6.10	8.22	9.10	8.67	6.36
10	3.77	2.65	2.18	1.65	1.68	2.07	3.27	6.38	8.21	9.17	8.48	6.34
11	3.73	2.64	2.01	1.65	1.74	2.24	3.32	6.66	8.21	9.25	8.42	6.17
12	3.69	2.62	1.97	1.68	1.78	2.31	3.32	6.96	8.21	9.32	8.33	6.08
13	3.66	2.63	1.98	1.68	1.86	2.48	3.30	7.14	8.15	9.42	8.16	5.98
14	3.66	2.63	2.00	1.70	1.91	2.69	3.30	7.33	8.13	9.50	8.06	5.92
15	3.65	2.63	2.01	1.80	1.90	2.73	3.33	7.47	8.15	9.59	7.95	5.85
16	3.63	2.63	2.04	1.78	1.93	2.76	3.35	7.50	8.15	9.66	7.90	5.80
17	3.60	2.59	2.06	1.85	1.96	2.78	3.39	7.53	8.17	9.72	7.84	5.70
18	3.57	2.56	2.12	1.90	2.09	2.58	3.48	7.56	8.21	9.73	7.71	5.65
19	3.50	2.56	2.19	1.92	2.09	2.56	3.69	7.69	8.24	9.68	7.65	5.58
20	3.46	2.46	2.18	1.98	2.01	2.58	4.13	7.76	8.26	9.72	7.63	5.51
21	3.41	2.46	2.18	1.98	1.97	2.52	4.36	7.68	8.26	9.70	7.60	5.45
22	3.37	2.43	2.17	1.88	1.77	2.48	4.47	7.54	8.26	9.62	7.51	5.39
23	3.32	2.42	2.11	1.80	1.75	2.50	4.42	7.49	8.26	9.56	7.60	5.33
24	3.28	2.40	2.03	1.74	1.74	2.47	4.45	7.43	8.33	9.50	7.70	5.28
25	3.27	2.41	1.85	1.70	1.74	2.48	4.76	7.33	8.37	9.37	7.79	5.24
26	3.23	2.40	1.78	1.78	1.83	2.53	5.05	7.22	8.40	9.25	7.84	5.20
27	3.19	2.38	1.81	1.80	1.86	2.62	5.14	7.30	8.38	9.13	7.87	5.14
28	3.16	2.38	1.85	1.84	1.86	2.89	5.15	7.44	8.43	9.02	7.82	5.09
29	3.13		1.95	1.82	1.92	4.02	5.14	7.63	8.50	8.97	7.69	4.96
30	3.10		1.97	1.81	1.98	4.29	5.13	7.94	8.59	8.89	7.49	4.85
31	3.08		2.04		1.97		5.08	8.15		8.82		4.83
Mean	3.60	2.63	2.11	1.84	1.88	2.44	4.03	6.84	8.31	9.24	8.22	5.91
Max.	4.14	3.08	2.38	2.07	2.09	4.29	5.15	8.15	8.89	9.73	9.32	7.34
Min.	3.08	2.38	1.78	1.65	1.65	1.74	3.11	5.08	8.13	8.65	7.49	4.83

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR

RIVER: MEKONG RIVER

YEAR: 1984

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.80	3.47	2.41	1.93	2.01	3.15	5.60	6.76	10.14	9.67	8.65	6.04
2	4.74	3.43	2.66	1.96	2.04	3.15	5.66	6.87	10.18	9.64	8.61	5.98
3	4.70	3.39	2.64	1.92	2.09	3.12	5.82	7.14	10.27	9.56	8.56	5.96
4	4.65	3.35	2.62	1.90	2.12	3.13	5.80	7.64	10.34	9.49	8.51	5.93
5	4.60	3.31	2.61	1.90	2.08	3.16	5.72	7.93	10.42	9.46	8.50	5.82
6	4.56	3.26	2.59	1.91	2.03	3.11	5.62	8.25	10.52	9.38	8.53	5.66
7	4.52	3.23	2.46	1.98	2.26	3.15	5.83	8.48	10.59	9.41	8.47	5.57
8	4.46	3.20	2.44	2.09	2.40	3.18	5.85	8.45	10.66	9.45	8.35	5.50
9	4.44	3.18	2.38	2.09	2.43	3.20	5.89	8.46	10.70	9.52	8.20	5.46
10	4.40	3.18	2.23	2.02	2.36	3.15	5.98	8.56	10.69	9.59	8.07	5.42
11	4.36	3.15	2.16	2.02	2.25	3.17	6.02	8.67	10.68	9.56	7.99	5.38
12	4.32	3.12	2.14	1.97	2.18	3.32	6.06	8.72	10.66	9.50	7.98	5.34
13	4.29	3.10	2.20	1.92	2.21	3.87	6.07	8.91	10.61	9.49	7.89	5.32
14	4.25	3.08	2.25	1.90	2.20	4.29	6.19	9.06	10.52	9.49	7.80	5.28
15	4.21	3.06	2.28	1.88	2.12	4.40	6.32	9.14	10.47	9.49	7.66	5.25
16	4.17	3.06	2.26	1.98	2.18	4.40	6.66	9.29	10.39	9.54	7.55	5.22
17	4.13	3.02	2.21	2.06	2.23	4.00	6.64	9.44	10.32	9.58	7.40	5.18
18	4.11	3.00	2.16	2.08	2.25	3.81	6.64	9.52	10.26	9.75	7.32	5.15
19	4.10	2.98	2.19	2.08	2.22	3.77	6.68	9.62	10.22	9.79	7.21	5.12
20	4.08	2.98	2.26	2.06	2.11	3.73	6.76	9.74	10.17	9.74	7.09	5.08
21	4.05	2.98	2.24	2.02	2.18	3.71	6.86	9.88	10.15	9.72	6.92	5.04
22	4.01	2.93	2.26	1.99	2.18	3.81	7.03	9.96	10.15	9.67	6.80	5.00
23	3.97	2.79	2.31	1.94	2.20	3.95	7.09	10.08	10.10	9.58	6.60	4.94
24	3.93	2.76	2.28	1.88	2.12	4.12	7.07	10.30	10.05	9.52	6.48	4.90
25	3.89	2.74	2.24	1.78	2.15	4.36	6.98	10.54	9.96	9.46	6.42	4.84
26	3.85	2.71	2.07	1.72	2.13	4.53	6.96	10.49	9.89	9.30	6.32	4.79
27	3.82	2.66	1.94	1.71	2.19	4.60	6.92	10.43	9.89	9.21	6.20	4.72
28	3.77	2.60	1.90	1.73	2.40	4.98	6.90	10.32	9.86	9.10	6.12	4.68
29	3.73	2.49	1.93	1.94	2.70	5.29	6.72	10.26	9.80	9.00	6.08	4.60
30	3.69		1.96	1.98	2.99	5.48	6.76	10.16	9.73	8.86	6.07	4.53
31	3.64		1.97		3.12		6.87	10.14		8.79		4.42
Mean	4.20	3.04	2.27	1.94	2.26	3.84	6.39	9.14	10.28	9.46	7.48	5.23
Max.	4.80	3.47	2.66	2.09	3.12	5.48	7.09	10.54	10.70	9.79	8.65	6.04
Min.	3.64	2.49	1.90	1.71	2.01	3.11	5.60	6.76	9.73	8.79	6.07	4.42

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1985

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.32	3.10	2.44	2.10	2.15	2.35	6.75	6.68	9.25	9.81	8.01	6.68
2	4.25	3.08	2.43	2.12	2.20	2.38	6.61	6.94	9.23	9.80	7.94	6.64
3	4.24	3.08	2.42	2.11	2.37	2.47	6.43	7.18	9.22	9.74	7.88	6.60
4	4.14	3.06	2.40	2.08	2.45	2.56	6.40	7.45	9.23	9.69	7.82	6.58
5	4.05	3.04	2.38	2.10	2.52	2.60	6.51	7.69	9.23	9.67	7.78	6.52
6	3.99	2.99	2.36	2.10	2.52	2.66	6.70	7.77	9.22	9.60	7.72	6.48
7	3.94	2.93	2.38	2.10	2.52	2.74	6.81	7.93	9.31	9.55	7.47	6.46
8	3.89	2.86	2.47	2.09	2.50	2.88	6.78	7.93	9.40	9.50	7.38	6.42
9	3.84	2.80	2.52	2.02	2.48	3.03	6.85	7.95	9.56	9.45	7.36	6.33
10	3.84	2.78	2.53	1.97	2.44	3.04	7.03	8.08	9.64	9.36	7.31	6.15
11	3.82	2.73	2.51	1.90	2.32	3.04	7.50	8.27	9.70	9.28	7.27	6.10
12	3.79	2.71	2.49	1.82	2.22	3.03	7.50	8.50	9.74	9.21	7.22	6.00
13	3.74	2.68	2.47	1.82	2.28	3.04	7.40	8.67	9.76	9.22	7.11	5.85
14	3.72	2.63	2.42	1.86	2.35	3.05	7.24	8.76	9.76	9.13	7.01	5.75
15	3.70	2.62	2.38	1.89	2.38	3.10	7.00	8.88	9.71	9.01	6.92	5.67
16	3.68	2.59	2.36	1.92	2.38	3.19	6.84	8.96	9.74	8.93	6.89	5.56
17	3.62	2.60	2.32	1.92	2.46	3.25	6.76	9.06	9.76	8.87	6.79	5.49
18	3.58	2.59	2.28	1.90	2.52	3.42	6.78	9.11	9.79	8.82	6.71	5.36
19	3.55	2.62	2.26	1.86	2.61	3.64	6.82	9.15	9.79	8.90	6.63	5.34
20	3.56	2.61	2.25	1.84	2.65	4.35	6.82	9.13	9.78	8.99	6.55	5.25
21	3.56	2.58	2.26	1.86	2.64	5.44	6.80	9.07	9.74	9.02	6.46	5.16
22	3.54	2.58	2.23	1.88	2.62	6.60	6.80	9.11	9.77	9.13	6.40	5.06
23	3.52	2.56	2.20	1.90	2.62	7.30	6.78	9.11	9.80	9.06	6.34	5.02
24	3.49	2.54	2.18	1.95	2.59	7.43	6.77	9.08	9.82	9.00	6.28	4.94
25	3.45	2.50	2.10	2.02	2.54	7.82	6.74	9.13	9.85	8.89	6.27	4.89
26	3.40	2.47	1.98	2.04	2.50	7.69	6.70	9.17	9.90	8.74	6.38	4.82
27	3.36	2.43	1.92	2.00	2.48	7.25	6.63	9.20	9.92	8.61	6.48	4.75
28	3.28	2.41	1.89	2.06	2.46	7.12	6.52	9.23	9.90	8.34	6.68	4.67
29	3.24		1.91	2.06	2.44	6.99	6.50	9.24	9.86	8.27	6.75	4.63
30	3.16		1.98	2.11	2.41	6.86	6.48	9.38	9.89	8.19	6.76	4.60
31	3.11		2.06		2.37		6.44	9.28		8.12		4.54
Mean	3.69	2.72	2.28	1.98	2.45	4.34	6.80	8.55	9.64	9.09	7.02	5.62
Max.	4.32	3.10	2.53	2.12	2.65	7.82	7.50	9.38	9.92	9.81	8.01	6.68
Min.	3.11	2.41	1.89	1.82	2.15	2.35	6.40	6.68	9.22	8.12	6.27	4.54

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1986

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.52	3.20	2.61		1.86	3.81	5.54	7.48	9.23	9.34	8.08	5.72
2	4.42	3.14	2.58		1.89	3.91	5.61	7.56	9.32	9.20	8.00	5.67
3	4.38	3.09	2.55		1.92	3.89	5.61	7.60	9.36	9.20	7.96	5.58
4	4.33	3.05	2.50		1.94	3.85	5.57	7.60	9.36	9.17	7.86	5.54
5	4.28	3.06	2.52		1.97	3.81	5.42	7.63	9.38	9.12	7.76	5.62
6	4.23	3.02	2.51		2.00	3.77	5.30	7.69	9.40	9.07	7.66	5.69
7	4.19	3.00	2.48		2.02	3.72	5.19	7.78	9.44	8.85	7.58	5.76
8	4.12	3.04	2.46		2.04	3.69	5.09	7.91	9.50	8.79	7.48	5.72
9	4.06	3.08	2.44		2.06	3.70	5.04	8.08	9.59	8.74	7.38	5.64
10	4.06	3.08	2.41		2.10	3.74	5.00	8.37	9.64	8.70	7.30	5.58
11	4.04	3.08	2.37		2.11	3.78	4.97	8.53	9.70	8.66	7.24	5.51
12	4.02	3.02	2.34		2.08	3.86	4.92	8.57	9.70	8.60	7.04	5.26
13	4.00	2.98	2.33		2.07	3.98	5.00	8.36	9.74	8.45	6.91	5.22
14	3.98	2.95	2.34		2.05	4.08	5.12	8.62	9.77	8.34	6.80	5.10
15	3.95	2.92	2.31		2.04	4.15	5.25	8.70	9.72	8.28	6.72	5.06
16	3.92	2.90	2.30		2.02	4.21	5.40	8.83	9.72	8.12	6.66	5.02
17	3.86	2.86	2.27		2.02	4.31	5.63	8.90	9.71	8.27	6.59	4.97
18	3.80	2.82	2.26		2.01	4.36	5.67	8.96	9.67	8.36	6.73	4.91
19	3.76	2.80	2.25		2.02	4.38	5.91	9.03	9.63	8.44	6.66	4.64
20	3.72	2.77	2.24		2.30	4.41	6.11	9.10	9.62	8.57	6.60	4.77
21	3.67	2.77	2.21		2.68	4.48	6.52	9.12	9.60	8.64	6.51	4.74
22	3.62	2.77	2.18		3.01	4.58	6.82	9.19	9.58	8.73	6.40	4.70
23	3.58	2.76	2.16		3.45	4.70	7.13	9.22	9.54	8.77	6.26	4.67
24	3.54	2.75	2.13		3.65	4.77	7.12	9.24	9.48	8.84	6.16	4.64
25	3.48	2.72	2.11		3.78	4.83	6.94	9.07	9.44	8.80	6.08	4.62
26	3.44	2.72	2.10		3.76	4.94	6.87	8.97	9.42	8.76	5.99	4.57
27	3.40	2.70	2.09		3.75	5.08	7.02	8.96	9.39	8.70	5.90	4.52
28	3.38	2.65	2.12		3.78	5.18	7.12	8.90	9.35	8.65	5.82	4.44
29	3.33		2.16		3.80	5.24	7.19	8.88	9.37	8.62	5.76	4.39
30	3.28		2.18		3.78	5.36	7.24	8.92	9.26	8.56	5.71	4.32
31	3.26		2.21		3.80		7.78	8.94		8.48		4.26
Mean	3.86	2.92	2.31		2.57	4.29	5.97	8.54	9.52	8.70	6.85	5.06
Max.	4.52	3.20	2.61		3.80	5.36	7.78	9.24	9.77	9.34	8.08	5.76
Min.	3.26	2.65	2.09		1.86	3.69	4.92	7.48	9.23	8.12	5.71	4.26

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1987

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.28	3.02	2.02	1.72	2.01	2.20	4.02	5.10	8.96	8.78	6.92	5.44
2	4.23	3.01	1.98	1.70	2.02	2.22	4.08	5.10	9.00	8.73	6.90	5.34
3	4.15	2.98	1.96	1.67	2.02	2.26	4.24	5.12	9.03	8.66	6.85	5.22
4	4.04	2.96	1.98	1.66	2.04	2.34	4.33	5.14	8.98	8.62	6.80	5.10
5	3.94	2.97	2.00	1.65	2.05	2.40	4.98	5.27	8.92	8.58	6.74	5.02
6	3.82	2.98	2.04	1.64	2.08	2.47	5.46	5.38	8.92	8.56	6.66	4.92
7	3.76	2.96	2.06	1.62	2.06	2.10	5.90	5.48	8.96	8.52	6.56	4.84
8	3.68	2.95	2.07	1.59	2.06	2.54	5.72	5.53	9.00	8.48	6.42	4.76
9	3.62	2.95	2.07	1.60	2.05	2.64	5.57	5.50	9.00	8.44	6.37	4.69
10	3.57	2.93	2.06	1.64	2.04	2.74	5.46	5.41	8.97	8.38	6.32	4.64
11	3.54	2.91	2.04	1.66	2.02	2.82	4.32	5.35	8.93	8.35	6.26	4.62
12	3.51	2.85	2.06	1.66	2.00	2.92	5.17	5.30	9.00	8.32	6.20	4.57
13	3.47	2.87	2.12	1.67	1.99	3.02	5.05	5.22	9.04	8.26	6.14	4.55
14	3.44	2.84	2.06	1.68	1.98	3.13	4.98	5.22	9.10	8.20	6.09	4.53
15	3.43	2.82	2.02	1.69	1.99	3.24	4.98	5.26	9.21	8.14	6.05	4.49
16	3.40	2.80	1.97	1.71	2.01	3.34	5.33	5.35	9.16	8.08	6.01	4.44
17	3.38	2.78	1.93	1.72	2.03	3.44	6.08	5.45	9.10	8.02	5.98	4.40
18	3.38	2.78	1.90	1.74	2.05	3.54	6.54	5.72	9.06	7.98	5.96	4.38
19	3.36	2.77	1.88	1.77	2.07	3.66	6.58	6.24	9.00	7.94	5.92	4.37
20	3.34	2.76	1.88	1.80	2.12	3.76	6.47	6.80	8.98	7.90	5.86	4.34
21	3.31	2.75	1.93	1.84	2.15	3.83	6.36	6.90	8.96	7.86	5.83	4.32
22	3.30	2.72	1.92	1.86	2.18	3.92	6.23	7.13	8.92	7.82	5.87	4.28
23	3.26	2.70	1.95	1.84	2.18	4.08	6.23	8.20	8.87	7.79	5.91	4.24
24	3.23	2.67	1.98	1.82	2.21	4.28	6.27	8.41	8.82	7.76	5.96	4.21
25	3.21	2.64	2.00	1.84	2.24	4.38	6.20	8.64	8.78	7.72	6.02	4.18
26	3.17	2.62	2.02	1.85	2.25	4.32	6.04	8.80	8.73	7.66	5.95	4.16
27	3.13	2.61	2.04	1.88	2.26	4.24	5.84	9.00	8.70	7.56	5.87	4.12
28	3.11	2.62	2.04	1.90	2.27	4.18	5.71	9.07	8.69	7.22	5.82	4.09
29	3.08		2.06	1.92	2.28	4.10	5.56	9.13	8.72	7.17	5.74	4.02
30	3.06		2.11	1.95	2.31	4.00	5.35	9.21	8.74	7.10	5.69	3.96
31	3.04		2.15		2.34		5.14	9.26		7.04		3.92
Mean	3.49	2.83	2.01	1.74	2.11	3.27	5.49	6.54	8.94	8.05	6.19	4.52
Max.	4.28	3.02	2.15	1.95	2.34	4.38	6.58	9.26	9.21	8.78	6.92	5.44
Min.	3.04	2.61	1.88	1.59	1.98	2.10	4.02	5.10	8.69	7.04	5.69	3.92

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1988

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.24	2.41	2.49	2.32	2.24	3.24	3.50	5.49	7.36	7.72	6.54	4.94
2	3.20	2.46	2.51	2.36	2.27	3.28	3.47	5.56	7.38	7.72	6.48	4.92
3	3.17	2.50	2.52	2.38	2.26	3.31	3.40	5.88	7.39	7.69	6.48	4.90
4	3.13	2.50	2.53	2.42	2.27	3.34	3.37	6.68	7.40	7.63	6.36	4.96
5	3.09	2.48	2.56	2.46	2.30	3.40	3.40	6.43	7.42	7.54	6.32	4.92
6	3.06	2.51	2.59	2.50	2.34	3.44	3.44	6.62	7.46	7.48	6.26	4.88
7	3.03	2.56	2.61	2.54	2.38	3.48	3.46	6.68	7.46	7.37	6.25	4.81
8	2.98	2.58	2.63	2.58	2.40	3.76	3.47	6.72	7.42	7.30	6.18	4.74
9	2.94	2.61	2.67	2.58	2.41	4.04	3.48	6.78	7.40	7.20	6.14	4.69
10	2.90	2.60	2.68	2.58	2.39	4.00	3.54	6.84	7.38	7.12	6.08	4.64
11	2.87	2.62	2.71	2.56	2.38	3.88	3.59	7.02	7.38	7.06	6.04	4.60
12	2.82	2.60	2.71	2.55	2.41	3.74	3.73	7.17	7.37	7.02	6.08	4.54
13	2.81	2.64	2.71	2.52	2.46	3.63	3.86	7.30	7.39	6.96	5.96	4.50
14	2.77	2.64	2.70	2.51	2.47	3.49	3.97	7.52	7.42	6.94	5.93	4.44
15	2.74	2.60	2.68	2.46	2.48	3.52	4.15	7.60	7.46	6.93	5.89	4.40
16	2.70	2.58	2.69	2.44	2.51	3.59	4.21	7.59	7.50	6.98	5.86	4.37
17	2.67	2.56	2.67	2.41	2.55	3.58	4.23	7.58	7.52	7.06	5.80	4.33
18	2.64	2.56	2.66	2.38	2.57	3.54	4.26	7.54	7.52	7.16	5.76	4.34
19	2.62	2.54	2.67	2.37	2.61	3.52	4.48	7.49	7.49	7.20	5.71	4.31
20	2.60	2.53	2.66	2.36	2.65	3.46	4.87	7.46	7.46	7.24	5.68	4.27
21	2.58	2.52	2.64	2.39	2.70	3.42	4.94	7.43	7.44	7.31	5.64	4.26
22	2.57	2.50	2.64	2.43	2.76	3.37	5.06	7.38	7.45	7.40	5.60	4.24
23	2.54	2.48	2.64	2.46	2.81	3.34	5.03	7.22	7.44	7.48	5.56	4.20
24	2.52	2.46	2.63	2.50	2.86	3.30	5.00	7.18	7.44	7.54	5.51	4.16
25	2.52	2.44	2.62	2.52	2.87	3.26	4.95	7.09	7.46	7.50	5.46	4.12
26	2.52	2.42	2.62	2.56	2.86	3.24	4.92	7.06	7.48	7.40	5.42	4.08
27	2.48	2.41	2.60	2.60	2.88	3.28	4.88	7.04	7.48	7.34	5.26	4.05
28	2.46	2.39	2.59	2.60	2.91	3.29	4.86	6.98	7.48	7.28	5.21	4.02
29	2.44	2.38	2.57	2.57	2.95	3.34	4.81	6.96	7.50	7.22	5.06	3.98
30	2.40		2.56	2.58	2.99	3.31	4.89	6.92	7.58	7.14	5.04	3.96
31	2.37		2.53		3.03		4.89	6.86		6.97		3.92
Mean	2.75	2.52	2.62	2.48	2.58	3.48	4.20	6.97	7.44	7.29	5.85	4.44
Max.	3.24	2.64	2.71	2.60	3.03	4.04	5.06	7.60	7.58	7.72	6.54	4.96
Min.	2.37	2.38	2.49	2.32	2.24	3.24	3.37	5.49	7.36	6.93	5.04	3.92

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1989

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.54	2.04	1.82	2.30								
2	2.49	2.06	1.84	2.26								
3	2.46	2.09	1.82	2.26								
4	2.40	2.13	1.85	2.24								
5	2.37	2.15	1.88	2.24								
6	2.33	2.17	1.90	2.22								
7	2.33	2.22	1.94	2.28								
8	2.26	2.25	2.00	2.16								
9	2.25	2.27	2.03	2.15								
10	2.24	2.26	2.07	2.17								
11	2.26	2.24	2.06	2.18								
12	2.26	2.21	2.04	2.16								
13	2.24	2.16	2.03	2.16								
14	2.23	2.13	2.02	2.20								
15	2.22	2.10	2.00	2.23								
16	2.21	2.08	1.97	2.26								
17	2.21	2.06	1.94	2.26								
18	2.25	2.04	1.92	2.28								
19	2.15	2.01	1.96	2.28								
20	2.15	1.98	1.98	2.28								
21	2.13	1.95	2.03	2.32								
22	2.11	1.91	2.04	2.32								
23	2.15	1.86	2.06	2.35								
24	2.13	1.83	2.10	2.38								
25	2.13	1.79	2.14	2.38								
26	2.12	1.77	2.18	2.40								
27	2.15	1.78	2.20	2.42								
28	2.07	1.79	2.23	2.44								
29	2.05		2.28	2.48								
30	2.04		2.30	2.48								
31	2.05		2.30									
Mean	2.23	2.05	2.03	2.28								
Max.	2.54	2.27	2.30	2.48								
Min.	2.04	1.77	1.82	2.15								

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1990

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1								7.80	9.00	9.82	8.98	7.14
2								7.94	9.20	9.83	8.90	7.08
3								8.05	9.36	9.82	8.76	7.02
4								8.14	9.46	9.82	8.66	6.95
5								8.18	9.60	9.80	8.52	6.87
6								8.32	9.70	9.80	8.34	6.79
7							6.72	8.43	9.79	9.80	8.20	6.71
8							6.72	8.54	9.82	9.78	8.10	6.63
9							6.68	8.64	9.81	9.80	8.06	6.55
10							6.64	8.67	9.82	9.80	8.02	6.48
11							6.60	8.67	9.80	9.80	7.97	6.40
12							6.56	8.66	9.78	9.79	7.95	6.32
13							6.56	8.60	9.76	9.74	7.94	6.26
14							6.62	8.53	9.74	9.66	7.92	6.20
15							6.74	8.56	9.69	9.60	7.92	6.13
16							6.76	8.62	9.68	9.52	7.93	6.06
17							6.72	8.72	9.62	9.50	7.92	6.02
18							6.67	8.77	9.58	9.54	7.85	5.96
19							6.58	8.76	9.54	9.56	7.70	5.93
20							6.60	8.67	9.54	9.64	7.63	5.99
21							6.66	8.62	9.54	9.72	7.59	5.85
22							6.83	8.56	9.59	9.84	7.56	5.81
23							6.88	8.44	9.62	9.86	7.54	5.76
24							6.94	8.34	9.64	9.86	7.52	5.79
25							6.98	8.31	9.66	9.77	7.49	5.61
26							6.94	8.32	9.67	9.68	7.44	5.54
27							6.90	8.48	9.70	9.60	7.38	5.48
28							6.96	8.56	9.72	9.58	7.32	5.42
29							7.08	8.67	9.76	9.36	7.26	5.34
30							7.27	8.78	9.80	9.19	7.20	5.26
31							7.56	8.85		9.16		5.18
Mean								8.49	9.63	9.68	7.92	6.15
Max.								8.85	9.82	9.86	8.98	7.14
Min.								7.80	9.00	9.16	7.20	5.18

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1991

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.54	3.40	2.60	2.20	2.18	2.94	5.56	7.84	10.41	10.06	9.22	6.32
2	4.52	3.36	2.59	2.18	2.19	2.96	5.58	7.88	10.42	10.08	9.18	6.25
3	4.50	3.32	2.58	2.17	2.18	2.98	5.60	7.92	10.44	10.10	9.10	6.18
4	4.48	3.31	2.56	2.16	2.16	3.00	5.62	7.88	10.46	10.14	8.95	6.08
5	4.43	3.30	2.51	2.18	2.16	3.02	5.64	7.95	10.49	10.17	8.86	6.04
6	4.39	3.28	2.45	2.19	2.17	3.04	5.66	8.04	10.50	10.22	8.78	5.96
7	4.35	3.27	2.41	2.18	2.18	3.08	5.65	8.10	10.50	10.24	8.68	5.90
8	4.32	3.24	2.35	2.18	2.17	3.14	5.56	8.14	10.52	10.27	8.59	5.82
9	4.31	3.18	2.30	2.22	2.17	3.20	5.46	8.18	10.56	10.30	8.50	5.76
10	4.28	3.11	2.26	2.24	2.21	3.26	5.36	7.94	10.62	10.34	8.39	5.71
11	4.24	3.04	2.22	2.27	2.24	3.32	5.24	7.80	10.67	10.36	8.30	5.64
12	4.20	2.96	2.18	2.30	2.26	3.38	5.18	7.64	10.69	10.33	8.22	5.56
13	4.16	2.88	2.13	2.32	2.29	3.43	5.10	7.50	10.68	10.30	8.12	5.48
14	4.12	2.82	2.10	2.36	2.31	3.48	5.03	7.45	10.66	10.24	8.00	5.42
15	4.08	2.80	2.16	2.38	2.35	3.53	5.02	7.45	10.64	10.16	7.92	5.36
16	4.02	2.79	2.14	2.40	2.37	3.57	5.00	7.56	10.62	10.06	7.71	5.30
17	3.98	2.79	2.12	2.42	2.39	3.61	5.02	8.05	10.59	9.95	7.64	5.20
18	3.94	2.80	2.12	2.36	2.41	3.66	5.08	8.04	10.57	9.86	7.56	5.12
19	3.90	2.78	2.16	2.38	2.42	3.72	5.12	8.42	10.53	9.78	7.43	5.02
20	3.86	2.78	2.16	2.41	2.43	3.78	5.16	8.70	10.50	9.73	7.24	4.91
21	3.82	2.78	2.15	2.46	2.46	3.86	5.38	8.90	10.48	9.69	7.14	4.82
22	3.78	2.77	2.16	2.49	2.50	4.01	5.90	8.96	10.46	9.64	7.00	4.78
23	3.74	2.78	2.13	2.53	2.53	4.20	6.61	9.08	10.42	9.59	6.88	4.78
24	3.73	2.77	2.14	2.55	2.57	4.40	7.02	9.42	10.38	9.54	6.79	4.76
25	3.71	2.78	2.16	2.58	2.59	4.62	7.34	9.66	10.34	9.49	6.72	4.72
26	3.68	2.75	2.18	2.58	2.62	4.78	7.42	9.78	10.32	9.42	6.64	4.71
27	3.64	2.71	2.18	2.56	2.62	4.94	7.44	9.83	10.30	9.36	6.54	4.66
28	3.60	2.67	2.20	2.55	2.60	5.10	7.46	10.04	10.28	9.32	6.44	4.62
29	3.56		2.20	2.55	2.59	5.36	7.52	10.10	10.26	9.30	6.38	4.59
30	3.52		2.20	2.53	2.59	5.54	7.64	10.24	10.24	9.28	6.32	4.58
31	3.51		2.18		2.57		7.76	10.37		9.26		4.54
Mean	4.03	2.97	2.26	2.36	2.37	3.76	5.94	8.54	10.49	9.89	7.77	5.31
Max.	4.54	3.40	2.60	2.58	2.62	5.54	7.76	10.37	10.69	10.36	9.22	6.32
Min.	3.51	2.67	2.10	2.16	2.16	2.94	5.00	7.45	10.24	9.26	6.32	4.54

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1992

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.52	3.54				2.27	5.06	6.64	8.94	8.48	7.66	4.94
2	4.50	3.50				2.28	5.05	6.67	9.02	8.46	7.68	4.87
3	4.47	3.46				2.27	4.92	6.66	9.09	8.44	7.56	4.80
4	4.44	3.42				2.28	4.70	6.69	9.01	8.44	7.46	4.72
5	4.40	3.40				2.29	4.53	6.64	8.95	8.44	7.42	4.66
6	4.36	3.37				2.29	4.78	6.56	8.92	8.44	7.38	4.62
7	4.32	3.34				2.29	4.22	6.50	8.88	8.44	7.35	4.54
8	4.29	3.32				2.31	4.10	6.48	8.86	8.44	7.32	4.48
9	4.26	3.30			1.76	2.32	3.98	6.50	8.82	8.42	7.30	4.42
10	4.24	3.28			1.78	2.30	3.90	6.54	8.76	8.42	7.27	4.34
11	4.22	3.25			1.81	2.27	3.81	6.57	8.72	8.42	7.26	4.25
12	4.20	3.22			1.84	2.28	3.77	6.57	8.70	8.38	7.22	4.18
13	4.18	3.18			1.85	2.33	3.75	6.66	8.68	8.26	7.14	4.14
14	4.16	3.15			1.86	2.45	3.73	6.68	8.68	8.02	7.02	4.10
15	4.14	3.12			1.91	2.69	3.96	6.76	8.64	7.90	6.89	4.06
16	4.11	3.10			1.92	2.87	4.11	7.03	8.57	7.88	6.10	4.03
17	4.07	3.07			1.94	2.96	4.12	7.28	8.52	7.86	6.01	3.98
18	4.04	3.04			1.97	2.95	4.14	7.44	8.46	7.81	5.96	3.96
19	4.01	3.02			1.97	2.94	4.16	7.68	8.44	7.72	5.93	3.94
20	3.98	2.98			2.02	2.96	4.32	8.14	8.40	7.64	5.90	3.90
21	3.96	2.96			2.06	2.96	4.40	8.26	8.42	7.52	5.82	3.88
22	3.94	2.93			2.07	2.96	4.52	8.32	8.43	7.46	5.69	3.94
23	3.90	2.90			2.09	3.37	4.64	8.38	8.44	7.37	5.58	3.80
24	3.86	2.90			2.10	3.48	4.72	8.51	8.44	7.26	5.49	3.80
25	3.82	2.88			2.12	3.73	4.78	8.66	8.46	7.12	5.40	3.76
26	3.76	2.84			2.11	3.95	4.84	8.76	8.47	6.96	5.30	3.74
27	3.72	2.82			2.13	4.30	5.13	8.79	8.50	6.92	5.15	3.71
28	3.68				2.14	4.40	6.00	8.84	8.52	7.06	5.06	3.66
29	3.63				2.14	4.60	6.84	8.88	8.53	7.22	5.03	3.62
30	3.58				2.14	4.90	7.00	8.90	8.50	7.46	4.99	3.56
31	3.56				2.17		6.86	8.96		7.55		3.52
Mean	4.07					2.94	4.67	7.48	8.66	7.88	6.44	4.13
Max.	4.52					4.90	7.00	8.96	9.09	8.48	7.68	4.94
Min.	3.56					2.27	3.73	6.48	8.40	6.92	4.99	3.52

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1993

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.48	2.65	2.20	1.95	1.90	2.41	3.47	6.44	8.19	8.80	7.16	5.06
2	3.46	2.67	2.22	1.94	1.91	2.52	3.51	6.48	8.18	8.71	7.02	4.99
3	3.44	2.67	2.25	1.93	1.91	2.55	3.70	6.56	8.16	8.66	6.88	4.94
4	3.43	2.64	2.29	1.85	1.95	2.57	4.00	6.84	8.21	8.68	6.84	4.89
5	3.40	2.62	2.24	1.77	1.97	2.65	4.38	7.10	8.26	8.65	6.82	4.85
6	3.37	2.57	2.20	1.75	2.01	2.70	4.69	7.09	8.31	8.67	6.78	4.80
7	3.35	2.51	2.17	1.74	2.03	2.78	4.88	7.20	8.36	8.70	6.78	4.76
8	3.35	2.47	2.18	1.72	2.07	2.81	4.92	7.36	8.44	8.68	6.62	4.71
9	3.34	2.45	2.19	1.72	2.12	2.75	4.90	7.52	8.49	8.67	6.55	4.68
10	3.34	2.42	2.24	1.82	2.12	2.70	4.90	7.62	8.54	8.68	6.48	4.66
11	3.35	2.37	2.26	1.85	2.10	2.67	5.02	7.69	8.62	8.64	6.41	4.62
12	3.35	2.33	2.32	1.90	2.02	2.50	5.26	7.66	8.64	8.59	6.28	4.64
13	3.34	2.32	2.30	1.92	1.99	2.41	5.50	7.54	8.66	8.49	6.20	4.62
14	3.32	2.34	2.31	1.90	1.92	2.39	5.66	7.50	8.69	8.38	6.14	4.60
15	3.25	2.35	2.27	2.00	1.90	2.42	5.92	7.54	8.76	8.26	6.05	4.58
16	3.23	2.31	2.23	1.93	1.89	2.51	6.25	7.62	8.83	8.15	5.90	4.56
17	3.15	2.29	2.17	1.90	1.89	2.60	6.53	7.70	8.92	8.01	5.83	4.54
18	3.10	2.25	2.07	1.87	1.90	2.65	6.75	7.76	8.94	7.98	5.76	4.52
19	3.03	2.23	1.98	1.82	1.96	2.80	6.95	7.78	8.96	7.96	5.67	4.50
20	3.02	2.15	1.92	1.83	2.00	3.00	7.14	7.82	8.98	7.94	5.59	4.45
21	2.95	2.12	1.92	1.85	2.04	3.15	7.21	7.95	8.98	7.86	5.54	4.40
22	2.93	2.10	1.91	1.87	2.07	3.21	7.26	8.09	8.97	7.81	5.46	4.35
23	2.90	2.07	1.88	1.90	2.13	3.25	7.29	8.27	8.94	7.79	5.40	4.31
24	2.87	2.07	1.87	1.90	2.23	3.25	7.25	8.41	8.97	7.70	5.38	4.27
25	2.85	2.06	1.87	1.91	2.34	3.26	7.21	8.42	8.86	7.63	5.34	4.24
26	2.85	2.07	1.87	1.90	2.42	3.26	7.12	8.28	8.73	7.64	5.30	4.20
27	2.82	2.14	1.92	1.89	2.45	3.27	7.04	8.22	8.86	7.60	5.25	4.16
28	2.81	2.13	1.95	1.92	2.46	3.35	6.92	8.16	8.84	7.60	5.17	4.12
29	2.77		2.02	1.94	2.45	3.41	6.78	8.22	8.77	7.55	5.12	4.08
30	2.68		2.02	1.95	2.47	3.50	6.68	8.24	8.78	7.45	5.11	4.04
31	2.66		2.00		2.49		6.48	8.28		7.37		
Mean	3.14	2.33	2.10	1.87	2.10	2.84	5.86	7.66	8.66	8.17	6.03	
Max.	3.48	2.67	2.32	2.00	2.49	3.50	7.29	8.42	8.98	8.80	7.16	
Min.	2.66	2.06	1.87	1.72	1.89	2.39	3.47	6.44	8.16	7.37	5.11	

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1994

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.00	2.73	2.28	2.07	2.03	2.52	6.26	8.63	9.69	10.57	8.08	5.47
2	3.96	2.72	2.26	2.03	1.98	2.52	6.33	8.68	9.76	10.56	7.94	5.44
3	3.92	2.70	2.26	1.98	1.90	2.54	6.38	8.78	9.82	10.53	7.80	5.41
4	3.86	2.70	2.24	1.93	1.82	2.56	6.34	9.02	9.90	10.50	7.65	5.36
5	3.82	2.70	2.22	1.90	1.76	2.60	6.31	9.24	9.95	10.46	7.55	5.30
6	3.79	2.68	2.20	1.92	1.80	2.66	6.26	9.40	9.99	10.42	7.43	5.25
7	3.74	2.68	2.16	1.92	1.86	2.80	6.22	9.56	10.04	10.36	7.31	5.21
8	3.67	2.66	2.12	1.86	1.91	2.94	6.20	9.64	10.10	10.30	7.19	5.17
9	3.62	2.64	2.08	1.81	1.96	3.12	6.20	9.70	10.18	10.23	7.07	5.13
10	3.58	2.62	2.02	1.85	1.98	3.42	6.28	9.74	10.26	10.15	6.96	5.09
11	3.57	2.62	1.99	1.88	1.92	3.64	6.52	9.73	10.32	10.08	6.86	5.06
12	3.55	2.60	1.97	1.91	1.86	3.86	7.14	9.72	10.38	10.01	6.76	5.04
13	3.52	2.58	1.96	1.95	1.88	4.09	7.62	9.69	10.45	9.94	6.70	5.02
14	3.50	2.56	1.98	1.99	1.90	4.34	7.78	9.62	10.48	9.90	6.64	5.00
15	3.45	2.54	1.99	2.03	1.88	4.58	7.90	9.54	10.50	9.85	6.58	4.98
16	3.42	2.52	2.02	2.07	1.85	4.78	7.88	9.48	10.51	9.77	6.48	4.96
17	3.36	2.48	2.01	2.12	1.78	4.94	7.86	9.46	10.48	9.68	6.36	4.93
18	3.32	2.46	2.01	2.18	1.73	5.02	7.80	9.42	10.46	9.60	6.26	4.89
19	3.27	2.44	2.03	2.14	1.76	5.10	7.80	9.34	10.46	9.51	6.20	4.85
20	3.22	2.44	2.01	2.06	1.86	5.18	7.96	9.26	10.46	9.42	6.14	4.81
21	3.16	2.42	1.97	2.00	1.97	5.28	8.14	9.23	10.50	9.34	6.08	4.77
22	3.06	2.40	1.97	2.04	2.07	5.44	8.36	9.22	10.54	9.24	6.02	4.73
23	2.98	2.40	1.97	2.06	2.10	5.66	8.54	9.22	10.56	9.12	5.96	4.69
24	2.88	2.38	1.95	2.02	2.12	5.98	8.62	9.24	10.54	9.00	5.90	4.66
25	2.86	2.36	1.99	2.00	2.16	6.11	8.68	9.26	10.53	8.91	5.84	4.65
26	2.83	2.34	2.08	2.03	2.22	6.10	8.70	9.29	10.53	8.80	5.76	4.64
27	2.80	2.32	2.07	2.02	2.30	6.07	8.72	9.34	10.54	8.64	5.68	4.62
28	2.80	2.30	2.11	2.01	2.36	6.03	8.70	9.41	10.56	8.54	5.60	4.58
29	2.80		2.18	2.05	2.42	6.03	8.68	9.48	10.57	8.44	5.54	4.52
30	2.78		2.26	2.07	2.47	6.16	8.66	9.54	10.58	8.32	5.50	4.46
31	2.74		2.20		2.50		8.64	9.61		8.20		4.39
Mean	3.35	2.54	2.08	2.00	2.00	4.40	7.53	9.37	10.32	9.63	6.59	4.94
Max.	4.00	2.73	2.28	2.18	2.50	6.16	8.72	9.74	10.58	10.57	8.08	5.47
Min.	2.74	2.30	1.95	1.81	1.73	2.52	6.20	8.63	9.69	8.20	5.50	4.39

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1995

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.32	3.08	2.39	1.94	1.93	2.33	3.66	7.15	9.09	9.92	8.99	6.40
2	4.27	3.06	2.36	1.95	1.91	2.30	3.75	7.75	9.19	9.90	8.94	6.33
3	4.20	3.04	2.34	1.95	1.93	2.28	3.92	7.93	9.30	9.90	8.86	6.25
4	4.15	3.00	2.32	2.02	1.94	2.26	4.04	7.93	9.40	9.89	8.78	6.16
5	4.11	2.96	2.32	2.04	2.00	2.24	4.22	7.86	9.50	9.88	8.69	6.06
6	4.07	2.92	2.34	2.05	2.06	2.24	4.36	7.84	9.60	9.88	8.61	5.99
7	4.04	2.88	2.32	1.96	2.05	2.26	4.45	7.84	9.70	9.94	8.48	5.96
8	4.02	2.84	2.28	1.95	1.91	2.36	4.67	7.87	9.82	9.98	8.36	5.92
9	3.99	2.82	2.22	1.97	1.78	2.47	5.02	7.92	9.91	10.01	8.24	5.86
10	3.95	2.80	2.16	1.93	1.83	2.51	5.32	8.04	10.00	10.04	8.13	5.80
11	3.90	2.77	2.08	1.93	1.74	2.60	5.52	8.11	10.08	10.05	8.04	5.74
12	3.85	2.72	2.02	1.78	1.74	2.66	5.62	8.14	10.12	10.04	7.92	5.68
13	3.81	2.66	2.01	1.78	1.76	2.74	5.61	8.16	10.14	10.03	7.80	5.62
14	3.76	2.61	2.00	1.88	1.77	2.84	5.57	8.14	10.16	10.03	7.72	5.45
15	3.70	2.60	1.97	1.98	1.89	2.98	5.46	8.10	10.18	10.04	7.63	5.42
16	3.64	2.58	1.96	2.04	2.02	3.14	5.32	8.07	10.18	10.04	7.50	5.40
17	3.58	2.56	1.98	2.10	1.99	3.32	5.28	8.05	10.14	10.02	7.36	5.38
18	3.52	2.54	2.01	2.08	1.99	3.48	5.36	8.08	10.12	10.03	7.22	5.34
19	3.47	2.52	2.06	2.16	2.16	3.62	5.64	8.10	10.20	10.04	7.07	5.28
20	3.43	2.50	2.12	2.18	2.24	3.68	5.84	8.14	10.17	9.85	6.98	5.20
21	3.39	2.48	2.17	2.20	2.25	3.74	6.12	8.16	10.13	9.74	6.92	5.14
22	3.35	2.46	2.20	2.25	2.24	3.84	6.30	8.19	10.07	9.63	6.85	5.08
23	3.30	2.46	2.21	2.11	2.24	3.95	6.26	8.24	10.04	9.51	6.77	5.02
24	3.25	2.45	2.17	1.90	2.36	4.06	6.14	8.29	10.04	9.38	6.69	4.98
25	3.21	2.44	2.10	1.82	2.32	4.05	5.94	8.39	10.05	9.24	6.66	4.94
26	3.18	2.45	2.02	1.74	2.36	3.94	5.59	8.52	10.06	9.11	6.64	4.88
27	3.16	2.44	1.98	1.76	2.35	3.82	5.58	8.67	10.06	9.00	6.61	4.82
28	3.14	2.42	1.94	1.84	2.34	3.74	5.80	8.79	10.04	8.95	6.56	4.76
29	3.12		1.96	1.83	2.34	3.64	6.02	8.90	10.02	8.94	6.50	4.70
30	3.11		2.00	1.88	2.34	3.62	6.06	8.96	9.96	9.03	6.45	4.66
31	3.10		1.97		2.34		6.37	9.01		9.06		4.62
Mean	3.65	2.68	2.13	1.97	2.07	3.09	5.32	8.17	9.92	9.71	7.60	5.45
Max.	4.32	3.08	2.39	2.25	2.36	4.06	6.37	9.01	10.20	10.05	8.99	6.40
Min.	3.10	2.42	1.94	1.74	1.74	2.24	3.66	7.15	9.09	8.94	6.45	4.62

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: **CHRUY CHANGVAR**
RIVER: **MEKONG RIVER**
YEAR: **1996**

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.59	3.40	2.64	2.01	2.00	3.04	4.24	7.97	8.88	10.98	9.60	7.92
2	4.55	3.36	2.62	2.03	2.00	3.10	4.28	7.96	8.89	11.00	9.56	7.82
3	4.51	3.32	2.60	1.99	2.00	3.11	4.29	7.94	8.90	11.00	9.54	7.74
4	4.47	3.28	2.54	1.96	2.03	3.12	4.28	7.92	8.86	10.96	9.53	7.70
5	4.43	3.24	2.52	1.98	2.06	3.10	4.22	7.94	8.82	10.88	9.56	7.66
6	4.40	3.20	2.50	2.03	2.10	3.14	4.14	8.10	8.78	10.84	9.70	7.58
7	4.38	3.16	2.48	2.16	2.12	3.25	4.08	8.28	8.75	10.80	9.84	7.49
8	4.36	3.12	2.46	2.20	2.16	3.32	4.06	8.58	8.74	10.76	9.88	7.37
9	4.32	3.08	2.44	2.18	2.18	3.26	4.05	8.80	8.72	10.72	9.82	7.26
10	4.28	3.06	2.42	2.18	2.20	3.20	4.08	8.89	8.72	10.64	9.72	7.16
11	4.24	3.04	2.42	2.17	2.22	3.14	4.07	8.81	8.78	10.56	9.61	7.06
12	4.20	3.02	2.42	2.15	2.28	3.06	4.05	8.72	8.82	10.52	9.50	6.98
13	4.14	3.00	2.42	2.20	2.42	3.00	4.08	8.62	8.76	10.50	9.40	6.90
14	4.08	2.98	2.42	2.25	2.48	3.00	4.10	8.51	8.76	10.46	9.30	6.82
15	4.02	2.96	2.38	2.27	2.57	3.02	4.12	8.48	8.90	10.34	9.20	6.74
16	3.92	2.92	2.34	2.25	2.76	3.10	4.14	8.46	9.06	10.24	9.12	6.66
17	3.94	2.90	2.30	2.18	2.90	3.18	4.18	8.44	9.22	10.16	9.04	6.58
18	3.90	2.88	2.24	2.21	3.20	3.24	4.26	8.44	9.36	10.10	8.96	6.50
19	3.88	2.86	2.22	2.20	3.54	3.30	4.41	8.46	9.50	10.04	8.88	6.42
20	3.85	2.88	2.22	2.20	3.61	3.36	4.55	8.48	9.64	9.98	8.83	6.34
21	3.82	2.91	2.22	2.20	3.64	3.44	4.64	8.52	9.77	9.92	8.78	6.28
22	3.80	2.95	2.24	2.24	3.52	3.60	4.82	8.56	9.90	9.84	8.72	6.22
23	3.76	2.96	2.24	2.25	3.36	3.73	5.16	8.60	10.04	9.76	8.66	6.16
24	3.72	2.92	2.25	2.26	3.21	3.84	5.89	8.64	10.20	9.71	8.60	6.10
25	3.68	2.88	2.24	2.22	3.06	3.90	6.55	8.68	10.36	9.70	8.55	6.05
26	3.64	2.83	2.24	2.21	3.00	3.97	7.08	8.72	10.50	9.80	8.52	6.00
27	3.60	2.76	2.24	2.20	2.94	4.05	7.34	8.76	10.65	9.88	8.50	5.94
28	3.56	2.70	2.19	2.18	2.86	4.11	7.60	8.80	10.76	9.88	8.34	5.84
29	3.52	2.66	2.14	2.16	2.85	4.15	7.82	8.82	10.86	9.80	8.12	5.76
30	3.48		2.08	2.08	2.90	4.19	7.88	8.84	10.94	9.72	8.01	5.70
31	3.44		2.02		2.98		7.93	8.86		9.66		5.64
Mean	4.02	3.01	2.35	2.16	2.68	3.40	5.04	8.50	9.43	10.30	9.11	6.72
Max.	4.59	3.40	2.64	2.27	3.64	4.19	7.93	8.89	10.94	11.00	9.88	7.92
Min.	3.44	2.66	2.02	1.96	2.00	3.00	4.05	7.92	8.72	9.66	8.01	5.64

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1997

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.58	3.95	3.10	2.40	2.47	2.68	3.78	8.82	9.72	10.07	8.10	5.54
2	5.51	3.91	3.06	2.38	2.39	2.70	4.07	8.96	9.71	10.06	8.00	5.47
3	5.43	3.87	3.02	2.32	2.32	2.74	4.32	9.11	9.74	10.04	7.89	5.43
4	5.35	3.83	2.98	2.24	2.30	2.82	4.47	9.31	9.76	10.02	7.76	5.39
5	5.28	3.80	2.94	2.24	2.26	2.90	4.64	9.47	9.74	9.99	7.66	5.35
6	5.22	3.80	2.92	2.24	2.21	3.01	4.72	9.68	9.73	9.96	7.56	5.31
7	5.17	3.78	2.90	2.23	2.21	3.03	4.80	9.80	9.72	9.96	7.50	5.27
8	5.12	3.78	2.88	2.22	2.21	3.01	4.86	9.90	9.72	9.98	7.44	5.23
9	5.06	3.77	2.86	2.26	2.22	3.04	4.88	9.99	9.72	9.98	7.36	5.19
10	5.00	3.77	2.84	2.26	2.22	2.96	4.92	10.02	9.72	9.94	7.28	5.14
11	4.94	3.76	2.82	2.28	2.22	2.86	4.96	10.01	9.75	9.88	7.20	5.08
12	4.88	3.76	2.78	2.31	2.22	2.76	5.02	9.94	9.79	9.84	7.10	5.00
13	4.84	3.74	2.74	2.34	2.20	2.68	5.08	9.80	9.81	9.80	7.02	4.95
14	4.80	3.72	2.70	2.34	2.14	2.64	5.12	9.66	9.84	9.78	6.94	4.91
15	4.76	3.66	2.66	2.28	2.08	2.64	5.32	9.51	9.86	9.74	6.84	4.87
16	4.72	3.60	2.62	2.24	2.04	2.62	5.83	9.39	9.90	9.71	6.74	4.83
17	4.68	3.56	2.56	2.19	2.04	2.56	6.32	9.30	9.95	9.71	6.66	4.78
18	4.62	3.52	2.50	2.15	2.04	2.54	6.72	9.30	9.94	9.69	6.58	4.72
19	4.56	3.48	2.46	2.18	2.04	2.50	7.04	9.34	9.93	9.64	6.51	4.66
20	4.50	3.44	2.42	2.26	2.04	2.48	7.14	9.46	9.93	9.58	6.47	4.60
21	4.44	3.40	2.38	2.29	2.08	2.46	7.20	9.63	9.94	9.50	6.39	4.54
22	4.38	3.34	2.34	2.26	2.14	2.46	7.31	9.75	9.96	9.42	6.22	4.48
23	4.32	3.28	2.32	2.30	2.18	2.52	7.48	9.86	9.98	9.28	6.14	4.41
24	4.26	3.23	2.30	2.33	2.24	2.64	7.67	9.94	10.02	9.13	6.06	4.34
25	4.22	3.20	2.32	2.40	2.31	2.74	7.86	10.01	10.00	9.01	5.98	4.29
26	4.20	3.18	2.38	2.40	2.39	2.84	8.04	10.04	9.97	8.89	5.90	4.26
27	4.18	3.16	2.42	2.46	2.48	2.93	8.21	10.00	9.95	8.74	5.82	4.24
28	4.16	3.14	2.42	2.50	2.57	3.02	8.36	9.94	10.00	8.61	5.73	4.22
29	4.14		2.41	2.54	2.63	3.18	8.50	9.86	10.06	8.50	5.66	4.19
30	4.08		2.41	2.52	2.64	3.48	8.61	9.78	10.08	8.41	5.60	4.15
31	4.00		2.39		2.66		8.72	9.74		8.22		4.12
Mean	4.72	3.59	2.64	2.31	2.26	2.78	6.19	9.66	9.86	9.52	6.80	4.81
Max.	5.58	3.95	3.10	2.54	2.66	3.48	8.72	10.04	10.08	10.07	8.10	5.54
Min.	4.00	3.14	2.30	2.15	2.04	2.46	3.78	8.82	9.71	8.22	5.60	4.12

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1998

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.10	3.08	2.30	2.08	1.93	2.42	2.70	4.35	6.39	7.82	5.86	5.83
2	4.08	3.05	2.36	2.08	1.96	2.40	2.84	4.32	6.36	7.82	5.78	5.71
3	4.04	3.01	2.40	2.06	1.94	2.39	2.98	4.30	6.39	7.80	5.72	5.58
4	4.00	2.97	2.36	2.03	1.81	2.40	3.14	4.36	6.43	7.74	5.67	5.44
5	3.96	2.93	2.32	1.98	1.77	2.40	3.37	4.68	6.46	7.68	5.63	5.30
6	3.90	2.89	2.30	1.90	1.73	2.39	3.61	4.97	6.48	7.60	5.59	5.16
7	3.85	2.86	2.28	1.80	1.71	2.40	3.91	5.14	6.50	7.52	5.55	5.02
8	3.81	2.84	2.20	1.74	1.75	2.42	4.44	5.22	6.54	7.44	5.52	4.90
9	3.77	2.81	2.12	1.69	1.79	2.46	5.05	5.30	6.58	7.37	5.50	4.77
10	3.73	2.77	2.05	1.66	1.83	2.51	5.44	5.39	6.64	7.37	5.44	4.69
11	3.69	2.73	2.01	1.65	1.88	2.59	5.54	5.42	6.76	7.38	5.36	4.62
12	3.65	2.70	1.98	1.68	1.94	2.67	5.55	5.46	6.93	7.36	5.28	4.60
13	3.61	2.68	1.98	1.68	1.98	2.76	5.56	5.50	7.20	7.30	5.20	4.58
14	3.57	2.66	1.98	1.68	1.99	2.84	5.60	5.40	7.46	7.24	5.14	4.55
15	3.54	2.64	1.96	1.70	2.00	2.86	5.66	5.40	7.52	7.18	5.10	4.51
16	3.52	2.60	1.95	1.76	1.98	2.87	5.70	5.67	7.56	7.10	5.04	4.48
17	3.49	2.54	1.99	1.81	1.96	2.86	5.70	5.99	7.56	7.02	5.02	4.50
18	3.44	2.49	2.01	1.85	1.92	2.83	5.70	6.10	7.56	6.94	5.04	4.51
19	3.39	2.45	1.97	1.88	1.85	2.79	5.64	6.20	7.58	6.86	5.11	4.50
20	3.35	2.41	1.94	1.90	1.84	2.75	5.58	6.25	7.60	6.78	5.20	4.48
21	3.31	2.37	1.92	1.90	1.85	2.70	5.56	6.32	7.63	6.70	5.32	4.42
22	3.27	2.33	1.90	1.88	1.86	2.64	5.56	6.46	7.75	6.62	5.54	4.36
23	3.23	2.30	1.91	1.86	1.88	2.58	5.57	6.60	7.88	6.54	5.76	4.30
24	3.20	2.29	1.92	1.82	1.92	2.54	5.56	6.76	7.95	6.46	5.98	4.24
25	3.18	2.28	1.94	1.80	1.98	2.52	5.48	6.84	7.96	6.38	6.16	4.18
26	3.18	2.27	1.96	1.83	2.06	2.52	5.40	6.71	7.94	6.30	6.16	4.08
27	3.16	2.26	1.94	1.87	2.16	2.54	5.30	6.59	7.88	6.22	6.18	3.98
28	3.16	2.25	1.95	1.91	2.26	2.56	5.24	6.49	7.80	6.16	6.16	3.88
29	3.15		2.02	1.90	2.34	2.60	5.16	6.45	7.75	6.10	6.05	3.78
30	3.14		2.08	1.89	2.38	2.66	5.02	6.42	7.79	6.04	5.93	3.69
31	3.11		2.08		2.40		4.76	6.42		5.96		3.65
Mean	3.53	2.62	2.07	1.84	1.96	2.60	4.91	5.73	7.23	6.99	5.57	4.59
Max.	4.10	3.08	2.40	2.08	2.40	2.87	5.70	6.84	7.96	7.82	6.18	5.83
Min.	3.11	2.25	1.90	1.65	1.71	2.39	2.70	4.30	6.36	5.96	5.02	3.65

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: CHRUY CHANGVAR
RIVER: MEKONG RIVER
YEAR: 1999

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.61	2.60	2.15	1.94	2.28	4.31	6.23	8.57	8.86	9.84	8.46	7.12
2	3.57	2.58	2.12	1.98	2.40	4.59	6.18	8.78	8.89	9.86	8.48	7.04
3	3.53	2.56	2.12	1.98	2.49	4.90	6.12	8.88	8.93	9.88	8.51	7.00
4	3.50	2.54	2.12	1.98	2.57	5.16	6.13	9.00	8.96	9.90	8.56	6.96
5	3.48	2.52	2.10	1.97	2.65	5.49	6.14	9.13	8.98	9.90	8.62	6.92
6	3.44	2.50	2.07	1.97	2.72	5.56	6.16	9.24	8.98	9.88	8.71	6.88
7	3.40	2.50	2.03	1.96	2.74	5.66	6.19	9.32	9.02	9.86	8.91	6.84
8	3.36	2.51	2.00	1.95	2.66	5.88	6.20	9.38	9.06	9.82	9.10	6.81
9	3.32	2.51	2.01	1.93	2.58	6.06	6.21	9.42	9.10	9.76	9.22	6.73
10	3.26	2.46	1.96	1.90	2.50	6.14	6.20	9.46	9.14	9.70	9.30	6.64
11	3.20	2.42	1.90	1.88	2.42	6.52	6.20	9.48	9.16	9.64	9.20	6.54
12	3.14	2.40	1.84	1.84	2.44	6.66	6.22	9.48	9.18	9.55	9.10	6.44
13	3.08	2.37	1.86	1.86	2.48	6.02	6.26	9.46	9.20	9.50	9.02	6.35
14	3.04	2.33	1.90	1.88	2.61	5.52	6.23	9.44	9.22	9.44	8.92	6.28
15	3.04	2.30	1.94	1.90	3.01	5.48	6.38	9.38	9.24	9.38	8.82	6.21
16	3.03	2.26	1.96	1.94	3.36	5.47	6.46	9.30	9.26	9.31	8.72	6.13
17	3.02	2.28	1.96	1.98	3.54	5.55	6.50	9.22	9.29	9.27	8.62	6.06
18	3.02	2.32	1.96	2.02	3.66	5.63	6.54	9.16	9.33	9.22	8.52	6.00
19	3.00	2.34	1.96	2.06	3.61	5.72	6.52	9.08	9.36	9.12	8.41	5.94
20	2.98	2.34	1.98	2.10	3.58	5.82	6.50	9.04	9.39	9.01	8.30	5.88
21	2.96	2.34	1.98	2.14	3.60	5.92	6.49	8.98	9.42	8.90	8.20	5.81
22	2.93	2.33	1.98	2.12	3.62	6.04	6.49	8.92	9.45	8.84	8.10	5.74
23	2.89	2.33	2.00	2.09	3.64	6.16	6.53	8.86	9.49	8.78	8.00	5.70
24	2.85	2.32	1.98	2.05	3.72	6.24	6.60	8.80	9.54	8.73	7.91	5.66
25	2.81	2.31	1.98	2.00	3.80	6.24	6.74	8.76	9.60	8.68	7.79	5.62
26	2.77	2.27	1.97	1.97	3.86	6.22	6.94	8.75	9.71	8.58	7.67	5.58
27	2.73	2.23	1.95	1.99	3.92	6.22	7.30	8.76	9.80	8.55	7.55	5.54
28	2.69	2.19	1.93	2.00	4.00	6.19	7.72	8.78	9.78	8.54	7.43	5.49
29	2.66		1.89	2.04	4.08	6.17	8.08	8.80	9.78	8.54	7.31	5.41
30	2.64		1.86	2.06	4.14	6.21	8.20	8.84	9.80	8.52	7.20	5.34
31	2.62		1.89		4.20		8.34	8.86		8.49		5.27
Mean	3.08	2.39	1.98	1.98	3.19	5.79	6.61	9.08	9.30	9.26	8.42	6.19
Max.	3.61	2.60	2.15	2.14	4.20	6.66	8.34	9.48	9.80	9.90	9.30	7.12
Min.	2.62	2.19	1.84	1.84	2.28	4.31	6.12	8.57	8.86	8.49	7.20	5.27

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1986

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							3.81	5.46	7.41	7.94	6.22	5.16
2							3.86	5.56	7.46	7.96	7.08	5.10
3							3.90	5.64	7.54	7.96	7.02	5.06
4							3.86	5.72	7.56	8.05	6.95	5.00
5							3.78	5.76	7.58	8.06	6.85	4.96
6							3.72	5.78	7.62	8.24	6.76	4.90
7							3.73	5.84	7.68	7.92	6.72	4.84
8							3.72	5.95	7.75	7.86	6.64	4.80
9							3.68	6.12	7.83	7.84	6.55	4.76
10							3.54	6.32	7.90	6.99	6.47	4.66
11							3.44	6.47	7.94	6.67	6.39	4.60
12							3.46	6.52	8.00	6.61	5.32	4.54
13							3.48	6.56	8.05	6.49	5.22	3.50
14							3.58	6.59	8.10	6.45	5.12	3.48
15							3.74	6.70	8.12	6.38	5.03	3.36
16							3.80	6.78	8.12	6.17	4.96	3.30
17							3.82	6.86	8.10	6.36	4.90	3.23
18							3.98	6.94	8.10	6.37	4.88	3.16
19							4.20	7.04	8.08	6.44	4.86	3.09
20							4.42	7.13	8.06	6.45	4.84	3.02
21							4.74	7.17	8.06	6.48	4.80	2.95
22							5.08	7.22	8.06	6.47	4.76	2.88
23							5.24	7.26	8.04	6.46	4.71	2.82
24							5.22	7.26	8.06	6.44	4.62	2.75
25							5.12	7.23	8.05	6.46	4.52	2.68
26							5.04	7.17	8.03	6.51	4.48	2.63
27							5.11	7.12	7.98	6.50	4.42	2.59
28							5.26	7.15	7.95	6.43	5.35	2.55
29							5.37	7.19	7.82	6.38	5.26	3.00
30							5.41	7.24	7.95	6.32	5.17	3.44
31							5.42	7.32		6.26		3.39
Mean							4.28	6.62	7.90	6.90	5.56	3.75
Max.							5.42	7.32	8.12	8.24	7.08	5.16
Min.							3.44	5.46	7.41	6.17	4.42	2.55

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1987

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.36	1.85					2.71	3.37	6.86	7.21	6.03	4.93
2	3.29	1.82					2.63	3.41	6.84	7.22	5.98	4.87
3	3.23	1.80					2.70	3.40	6.84	7.23	5.92	4.82
4	3.18	1.74					2.88	3.41	6.84	7.26	5.86	4.74
5	2.14	1.68					3.31	3.60	6.86	7.27	5.77	4.66
6	2.06	1.64					3.94	3.64	6.88	7.26	5.72	4.59
7	1.99	1.60					4.12	3.82	6.90	7.28	5.66	4.52
8	1.94	1.54					4.08	3.84	6.92	7.26	5.60	4.42
9	1.86	1.49					3.88	3.90	6.92	7.27	5.53	4.34
10	1.81	1.44					3.67	3.86	6.92	7.28	5.52	4.25
11	1.76	1.38					3.50	3.81	6.94	7.30	5.49	4.18
12	1.70	1.32					3.42	3.77	6.96	7.26	5.47	4.12
13	1.67	1.29					3.34	3.76	7.00	7.20	5.44	4.04
14	1.62					1.33	3.29	3.72	7.08	7.18	5.42	3.97
15	1.58					1.50	3.38	3.72	7.09	7.15	5.37	3.89
16	1.52					1.59	3.62	3.72	7.09	7.10	5.29	3.84
17	1.48					1.59	3.22	3.74	7.09	7.05	5.23	3.79
18	1.46					1.71	2.53	3.78	7.07	6.98	5.17	3.72
19	1.45					1.75	2.58	4.04	7.07	6.92	5.14	3.68
20	1.42					1.92	2.47	4.54	7.08	6.86	5.12	3.58
21	1.38					2.16	4.44	4.98	7.07	6.78	5.10	3.58
22	1.34					1.88	4.36	5.15	7.08	6.72	5.08	3.54
23	2.24					2.32	4.36	5.52	7.08	6.67	5.08	3.48
24	2.18					3.68	4.39	6.14	7.10	6.20	5.08	3.42
25	2.10					3.32	4.36	6.36	7.12	6.56	5.04	3.38
26	2.04					2.63	4.28	6.49	7.13	6.48	4.98	3.31
27	2.02					1.86	4.12	6.57	7.17	6.40	4.90	3.27
28	2.00					2.11	3.88	6.62	7.20	6.34	4.85	3.21
29	1.95					1.96	3.73	6.69	7.20	6.26	4.88	3.15
30	1.91					1.84	3.48	6.76	7.20	6.18	4.92	3.08
31	1.87						3.34			6.12		3.01
Mean	1.99						3.55	4.54	7.02	6.91	5.35	3.92
Max.	3.36						4.44	6.76	7.20	7.30	6.03	4.93
Min.	1.34						2.47	3.37	6.84	6.12	4.85	3.01

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1988

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.96	1.58	1.28	0.32	1.34	2.26	3.31	4.52	6.44	6.80	7.30	5.08
2	2.91	1.56	1.30	0.34	1.33	2.36	3.20	4.63	6.42	6.76	7.22	5.02
3	2.87	1.54	1.32	0.34	1.38	2.44	3.20	4.76	6.43	6.66	7.16	4.96
4	2.85	1.52	1.34	0.34	1.45	2.54	3.18	5.04	6.46	6.56	7.05	4.86
5	2.78	1.40	1.36	0.32	1.50	2.74	3.14	5.54	6.52	6.48	6.96	4.80
6	2.71	1.38	1.38	0.43	1.55	2.95	3.18	5.92	6.54	6.47	6.86	4.74
7	2.67	1.37	1.40	0.49	1.58	3.15	3.20	6.06	6.58	6.50	6.83	4.70
8	2.66	1.36	1.42	0.52	1.58	3.38	3.22	6.02	6.54	6.66	6.76	4.64
9	2.57	1.34	1.44	0.60	1.56	3.59	3.20	5.96	6.52	6.84	6.70	4.58
10	2.51	1.32	1.46	0.70	1.51	3.54	3.22	5.88	6.58	7.01	6.67	4.53
11	2.45	1.32	1.48	0.77	1.46	3.36	3.22	5.91	6.60	7.08	6.62	4.48
12	2.38	1.29	1.50	0.70	1.39	3.18	3.20	6.00	6.60	7.07	6.56	4.46
13	2.30	1.28	1.52	0.62	1.39	3.00	3.17	6.14	6.58	7.04	6.46	4.39
14	2.24	1.28	1.54	0.54	1.44	3.01	3.22	6.32	6.56	7.09	6.38	4.29
15	2.20	1.28	1.56	0.50	1.56	3.04	3.26	6.48	6.58	7.13	6.36	4.24
16	2.12	1.28	1.54	0.59	1.69	3.14	3.33	6.57	6.58	7.22	6.27	4.20
17	2.12	1.28	1.47	0.57	1.80	3.20	3.50	6.62	6.60	7.24	6.16	4.13
18	2.08	1.28	1.47	0.51	1.90	3.26	3.65	6.66	6.66	7.34	6.04	4.09
19	2.06	1.28	1.52	0.51	1.96	3.34	3.86	6.69	6.66	7.47	5.97	4.01
20	2.02	1.28	1.60	0.52	1.98	3.68	4.04	6.70	6.69	7.58	5.90	3.96
21	2.02	1.28	1.68	0.54	1.99	3.88	4.15	6.69	6.72	7.63	5.80	3.88
22	2.00	1.28	1.70	0.48	1.99	3.80	4.25	6.65	6.72	7.64	5.71	3.82
23	1.97	1.28	1.70	0.44	1.95	3.74	4.34	6.64	6.68	7.58	5.66	3.80
24	1.92	1.28	1.67	0.40	1.92	3.58	4.33	6.62	6.66	7.57	5.57	3.77
25	1.86	1.28	1.66	0.38	1.91	3.48	4.30	6.64	6.68	7.58	5.51	3.71
26	1.81	1.28	1.67	0.36	1.91	3.36	4.30	6.64	6.66	7.56	5.42	3.67
27	1.72	1.28	1.61	0.32	1.94	3.28	4.38	6.62	6.68	7.54	5.38	3.64
28	1.68	1.28	1.52	0.30	2.01	3.25	4.46	6.59	6.70	7.54	5.28	3.60
29	1.63	1.28	1.44	0.30	2.08	3.24	4.53	6.57	6.78	7.54	5.24	3.49
30	1.60		1.36	0.30	2.14	3.20	4.52	6.53	6.80	7.52	5.15	3.45
31	1.58		1.33		2.20		4.50	6.48		7.40		3.40
Mean	2.23	1.34	1.49	0.47	1.72	3.20	3.70	6.16	6.61	7.16	6.23	4.21
Max.	2.96	1.58	1.70	0.77	2.20	3.88	4.53	6.70	6.80	7.64	7.30	5.08
Min.	1.58	1.28	1.28	0.30	1.33	2.26	3.14	4.52	6.42	6.47	5.15	3.40

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1989

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.40						2.99	5.47	6.97	7.67	7.28	5.06
2	2.96						2.92	5.44	6.95	7.67	7.24	4.98
3	2.92						2.86	5.47	6.95	7.68	7.16	4.94
4	2.86						2.74	5.74	6.95	7.68	7.11	4.88
5	2.82						2.70	6.08	6.96	7.68	7.07	4.82
6	2.78						2.76	6.35	6.94	7.70	7.00	4.76
7	2.76						2.77	6.52	6.96	7.72	6.90	4.68
8	2.74						2.78	6.56	7.00	7.81	6.81	4.60
9	2.72						2.81	6.48	7.09	7.81	6.74	4.56
10	2.68						2.87	6.39	7.18	7.78	6.69	4.51
11	2.64						2.92	6.46	7.27	7.63	6.59	4.40
12	2.57						2.97	6.59	7.30	7.68	6.51	4.32
13	2.54						3.07	6.68	7.35	7.61	6.45	4.26
14	2.48						3.14	6.75	7.44	7.57	6.36	4.20
15	2.40						3.22	6.70	7.52	7.58	6.28	4.16
16	2.36						3.32	6.66	7.56	7.66	6.21	4.11
17	2.30						3.44	6.62	7.58	7.66	6.18	4.06
18	2.27						3.49	6.63	7.58	7.73	6.10	3.96
19	2.28						3.53	6.69	7.58	7.78	5.94	3.86
20	2.22						3.61	6.73	7.54	7.81	5.84	3.82
21	2.18						3.78	6.78	7.54	7.81	5.78	3.72
22	2.15						3.90	6.81	7.55	7.78	5.66	3.68
23	2.12						4.02	6.87	7.57	7.74	5.62	3.66
24	2.12						4.39	6.89	7.57	7.70	5.56	3.64
25	2.10						5.27	6.91	7.58	7.61	5.48	3.61
26	2.08						5.72	6.89	7.60	7.56	5.41	3.56
27	2.06						5.78	6.87	7.62	7.50	5.36	3.54
28	2.04						5.72	6.87	7.63	7.45	5.28	3.50
29	2.02						5.63	6.70	7.67	7.38	5.20	3.44
30	2.00						5.62	6.70	7.67	7.38	5.14	3.44
31	1.98						5.55	6.93		7.32		3.36
Mean	2.44						3.75	6.52	7.36	7.65	6.23	4.13
Max.	3.40						5.78	6.93	7.67	7.81	7.28	5.06
Min.	1.98						2.70	5.44	6.94	7.32	5.14	3.36

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1990

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1			1.46				5.76	7.20	7.33		7.90	5.94
2			1.46				5.88	7.31	7.46		7.80	5.85
3		1.40	1.50				5.94	7.40	7.60		7.72	
4		1.39	1.46				6.06	7.49	7.72		7.64	
5		1.36	1.46				6.13	7.56	7.84		7.58	
6		1.36	1.46				6.17	7.64	7.96		7.48	
7		1.34	1.44			1.34	6.17	7.73	8.04		7.38	
8		1.29	1.44			3.54	6.20	7.84	8.10		7.28	
9		1.25	1.38			4.11	6.19	7.93	8.13		7.24	
10		1.23	1.34			4.52	6.15	7.98	8.14		7.22	
11		1.21	1.32			4.78	6.09	8.02	8.14		7.20	
12		1.19	1.34			4.85	6.06	8.04	8.14		7.19	
13		1.17	1.35			4.86	6.08	8.02	8.12		7.20	
14		1.12	1.35			4.87	6.08	8.00	8.06		7.16	
15		1.06	1.36			4.93	6.12	8.02	8.02		7.13	
16		0.97	1.34			5.14	6.17	8.09	8.02		7.14	
17		0.93	1.34			5.48	6.21	8.16	8.02		7.14	
18		0.88	1.34			5.82	6.23	8.23	8.02		7.09	
19		0.82	1.32			5.98	6.20	8.24	8.01		7.00	
20		0.80	1.29			5.84	6.16	8.22	8.01		6.93	
21		0.78	1.25			5.69	6.13	8.20	8.01		6.84	
22		0.75	1.22			5.52	6.15	8.17	8.04		6.74	
23		0.70		1.14		5.44	6.40	8.11	8.10		6.66	
24		0.68		1.21		5.38	6.52	8.04	8.14		6.58	
25		0.68		1.37		5.45	6.56	8.01	8.18		6.47	
26		0.77	1.22	1.35		5.65	6.56	8.02	8.21		6.38	
27		0.84	1.24			5.75	6.54	8.08	8.26		6.30	
28		0.87	1.26			5.75	6.58	8.14	8.28		6.23	
29			1.26			5.73	6.66	8.31			6.13	
30			1.28			5.78	6.82	8.36			6.04	
31			1.32				7.02	8.42				
Mean							6.26	7.97	8.00		7.03	
Max.							7.02	8.42	8.28		7.90	
Min.							5.76	7.20	7.33		6.04	

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK K DAM
RIVER: SAP RIVER
YEAR: 1991

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1			1.46		1.00	1.37	3.16	6.23	8.70	9.65	8.42	6.15
2			1.46		0.98	1.48	3.44	6.32	8.79	9.84	8.33	6.08
3			1.50		0.93	1.32	3.75	6.32	8.84	10.01	8.22	6.02
4			1.46		0.90	1.15	3.97	6.36	8.88	10.04	8.13	5.83
5			1.46		0.88	1.12	4.00	6.40	8.85	10.05	8.07	5.78
6			1.46		0.84	1.08	4.15	6.43	8.83	10.05	8.00	5.68
7			1.44		0.85	0.98	4.17	6.48	8.89	10.05	7.94	5.63
8			1.44		0.71	0.90	4.15	6.52	8.91	10.05	7.88	5.60
9			1.38		0.68	0.96	4.09	6.55	9.19	10.05	7.80	5.53
10			1.34		0.70	1.00	3.98	6.50	9.48	10.05	7.69	5.34
11			1.32		0.70	1.04	3.88	6.36	9.56	10.05	7.62	5.29
12			1.34		0.76	1.08	3.77	6.32	9.60	10.05	7.52	5.23
13			1.35	0.75	0.83	1.40	3.75	6.25	9.60	10.05	7.44	5.16
14			1.35	0.75	0.86	1.51	3.71	6.18	9.58	10.05	7.34	5.14
15			1.36	0.81	0.92	1.68	3.55	6.19	9.56	10.05	7.26	5.12
16			1.34	0.85	0.95	1.74	3.62	6.24	9.52	10.05	7.20	5.10
17			1.33	0.86	1.00	1.84	3.67	6.32	9.46	10.05	7.18	5.04
18			1.34	0.91	1.04	1.90	3.70	6.42	9.40	10.05	7.15	4.93
19			1.32	1.00	1.08	1.94	3.70	6.72	9.32	10.02	7.11	4.90
20			1.29	1.00	1.02	2.03	3.74	6.94	9.15	9.96	7.04	4.84
21			1.25	1.03	0.95	2.38	3.89	7.14	8.95	9.82	6.94	4.77
22			1.22	1.01	0.92	2.26	4.18	7.32	9.05	9.70	6.88	4.72
23			1.20	1.01	0.90	2.15	5.12	7.46	9.16	9.56	6.75	4.67
24			1.18	1.02	0.82	2.15	5.46	7.64	9.36	9.43	6.72	4.62
25			1.18	1.02	0.87	2.15	5.78	7.79	9.50	8.71	6.62	4.58
26			1.22	1.03	0.94	2.10	5.89	7.90	9.48	8.63	6.54	4.52
27			1.24	1.02	1.00	2.15	5.89	8.03	9.40	8.60	6.45	4.45
28			1.26	1.02	1.08	2.30	5.90	8.16	9.23	8.60	6.42	4.39
29			1.26		1.14	2.52	5.96	8.30	9.20	8.59	6.30	4.31
30			1.28		1.15	2.83	6.02	8.44	9.28	8.52	6.19	4.27
31					1.15		6.16	8.56		8.47		4.20
Mean			1.33		0.92	1.68	4.39	6.93	9.22	9.64	7.31	5.09
Max.			1.50		1.15	2.83	6.16	8.56	9.60	10.05	8.42	6.15
Min.			1.18		0.68	0.90	3.16	6.18	8.70	8.47	6.19	4.20

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1992

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.16	2.56	1.50	0.88	0.70	1.02	3.86	5.21	7.42	7.46	6.78	4.44
2	4.09	2.51	1.42	0.93	0.72	1.08	3.83	5.08	7.48	7.44	6.78	4.38
3	4.01	2.47	1.36	0.94	0.76	1.11	3.62	5.00	7.52	7.44	6.75	4.33
4	3.96	2.44	1.34	0.94	0.80	1.10	3.42	4.98	7.52	7.44	6.65	4.29
5	3.92	2.40	1.31	0.95	0.88	1.14	3.30	5.00	7.54	7.42	6.52	4.23
6	3.87	2.36	1.31	0.95	0.94	1.16	3.24	5.02	7.48	7.38	6.44	4.19
7	3.81	2.33	1.29	0.94	0.96	1.16	3.15	5.02	7.44	7.35	6.36	4.14
8	3.76	2.30	1.28	0.98	0.98	1.15	3.06	5.04	7.36	7.30	6.28	4.06
9	3.74	2.26	1.29	1.11	1.00	1.14	2.90	5.06	7.20	7.26	6.18	4.04
10	3.70	2.20	1.35	1.10	0.98	1.12	2.74	5.06	7.19	7.20	6.09	4.03
11	3.66	2.18	1.36	1.09	0.98	1.13	2.58	5.06	7.15	7.22	6.02	4.00
12	3.62	2.13	1.34	1.00	0.87	1.18	2.50	5.12	7.14	7.20	5.92	3.92
13	3.58	2.07	1.32	0.92	0.80	1.28	2.53	5.24	7.17	7.20	5.82	3.86
14	3.55	2.03	1.30	0.93	0.82	1.36	2.66	5.42	7.22	7.20	5.72	3.79
15	3.50	1.97	1.26	0.96	0.88	1.50	3.15	5.58	7.26	7.18	5.64	3.74
16	3.45	1.94	1.20	0.98	0.90	1.63	3.09	5.78	7.27	7.12	5.52	3.67
17	3.40	1.93	1.17	1.01	0.92	1.72	3.18	5.95	7.24	7.00	5.46	3.59
18	3.36	1.91	1.18	1.06	0.94	1.80	3.24	6.20	7.21	6.95	5.40	3.52
19	3.30	1.90	1.20	1.06	0.91	1.86	3.28	6.25	7.20	6.88	5.32	3.46
20	3.26	1.89	1.22	1.05	0.90	1.85	3.50	6.48	7.20	6.76	5.22	3.41
21	3.23	1.87	1.26	0.97	0.92	1.92	3.50	6.71	7.18	6.68	5.12	3.34
22	3.18	1.84	1.25	0.96	0.92	2.08	3.50	6.81	7.20	6.66	5.04	3.31
23	3.14	1.84	1.25	0.94	0.86	2.18	3.40	6.89	7.22	6.64	4.98	3.28
24	3.08	1.84	1.24	0.90	0.79	2.32	3.50	6.94	7.24	6.68	4.88	3.25
25	3.00	1.79	1.21	0.88	0.72	2.48	3.40	7.01	7.30	6.48	4.84	3.22
26	2.93	1.69	1.12	0.80	0.69	2.57	3.65	7.08	7.34	6.42	4.80	3.16
27	2.88	1.69	1.08	0.76	0.68	2.80	4.00	7.14	7.38	6.50	4.72	3.12
28	2.83	1.56	1.00	0.74	0.69	3.10	4.70	7.18	7.41	6.64	4.62	3.03
29	2.76	1.53	0.91	0.70	0.72	3.40	5.22	7.20	7.45	6.68	4.57	2.97
30	2.68		0.85	0.70	0.78	3.72	5.37	7.26	7.48	6.70	4.52	2.92
31	2.62		0.86		0.96		5.35	7.36		6.72		2.84
Mean	3.42	2.05	1.23	0.94	0.85	1.77	3.50	5.97	7.31	7.01	5.63	3.66
Max.	4.16	2.56	1.50	1.11	1.00	3.72	5.37	7.36	7.54	7.46	6.78	4.44
Min.	2.62	1.53	0.85	0.70	0.68	1.02	2.50	4.98	7.14	6.42	4.52	2.84

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1993

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.79	1.38	0.65	0.78	0.84	1.65	2.50	5.02	6.72	7.71	6.77	4.79
2	1.75	1.37	0.62	0.70	0.85	1.65	2.52	5.03	6.88	7.60	6.67	4.73
3	1.71	1.37	0.64	0.70	0.86	1.70	2.72	5.16	6.90	7.62	6.59	4.69
4	1.67	1.37	0.62	0.69	0.88	1.70	2.85	5.42	7.01	7.63	6.49	4.66
5	1.63	1.36	0.67	0.68	0.90	1.70	3.15	5.72	7.06	7.62	6.42	4.61
6	1.59	1.36	0.66	0.67	0.91	1.75	3.51	5.74	7.08	7.63	6.37	4.56
7	1.56	1.33	0.68	0.67	0.92	1.72	3.67	5.82	7.08	7.69	6.31	4.50
8	1.56	1.31	0.79	0.68	0.92	1.70	3.69	5.86	7.18	7.66	6.26	4.45
9	1.55	1.30	0.79	0.69	0.96	1.70	3.62	5.95	7.26	7.66	6.18	4.39
10	1.51	1.29	0.85	0.68	0.98	1.65	3.51	6.16	7.32	7.66	6.13	4.35
11	1.48	1.29	0.90	0.70	1.02	1.65	3.56	6.16	7.38	7.66	6.07	4.31
12	1.48	1.28	0.92	0.72	1.05	1.65	3.61	6.14	7.42	7.60	5.96	4.29
13	1.48	1.28	0.93	0.73	1.15	1.62	3.75	6.12	7.46	7.61	5.90	4.27
14	1.41	1.27	0.94	0.74	1.20	1.60	3.95	6.10	7.49	7.55	5.83	4.23
15	1.38	1.25	0.94	0.75	1.20	1.60	4.15	6.08	7.54	7.39	5.80	4.20
16	1.36	1.24	0.95	0.75	1.25	1.62	4.25	6.19	7.61	7.33	5.77	4.20
17	1.38	1.11	0.94	0.76	1.25	1.60	5.00	6.22	7.68	7.29	5.68	4.17
18	1.38	1.10	0.94	0.77	1.30	1.65	5.00	6.26	7.72	7.25	5.60	4.09
19	1.38	1.09	0.94	0.77	1.30	1.77	5.50	6.30	7.75	7.20	5.54	4.03
20	1.38	1.06	0.94	0.78	1.35	1.87	5.60	6.35	7.76	7.20	5.47	3.99
21	1.36	1.06	0.92	0.79	1.35	2.02	5.70	6.45	7.76	7.20	5.38	3.93
22	1.36	1.06	0.92	0.79	1.45	2.10	5.70	6.57	7.79	7.16	5.34	3.89
23	1.37	1.06	0.92	0.80	1.40	2.15	5.60	6.77	7.75	7.13	5.26	3.82
24	1.37	1.08	0.91	0.80	1.42	2.20	5.52	6.83	7.75	7.10	5.17	3.73
25	1.38	1.08	0.90	0.81	1.45	2.25	5.50	6.80	7.75	7.10	5.09	3.67
26	1.37	1.09	0.90	0.82	1.45	2.25	5.55	6.79	7.74	7.09	5.03	3.59
27	1.37	1.09	0.91	0.82	1.50	2.30	5.40	6.75	7.75	7.05	4.97	3.53
28	1.38	1.00	0.92	0.84	1.60	2.35	5.30	6.70	7.76	7.03	4.93	3.47
29	1.37		0.91	0.84	1.60	2.35	5.25	6.72	7.75	7.00	4.90	3.44
30	1.38		0.90	0.84	1.60	2.45	5.20	6.81	7.75	6.93	4.87	3.39
31	1.37		0.89		1.65		5.08	6.85		6.90		3.33
Mean	1.47	1.21	0.85	0.75	1.21	1.87	4.38	6.19	7.46	7.36	5.76	4.11
Max.	1.79	1.38	0.95	0.84	1.65	2.45	5.70	6.85	7.79	7.71	6.77	4.79
Min.	1.36	1.00	0.62	0.67	0.84	1.60	2.50	5.02	6.72	6.90	4.87	3.33

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1994

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.29	1.90	1.31	0.19	1.07	1.40	4.87	7.19	8.48	9.65	7.86	5.41
2	3.22	1.86	1.32	0.14	1.00	1.40	4.93	7.25	8.57	9.69	7.76	5.37
3	3.17	1.83	1.38	0.09	0.90	1.41	4.99	7.39	8.61	9.68	7.63	5.31
4	3.13	1.77	1.37	0.08	0.97	1.46	5.00	7.51	8.72	9.68	7.53	5.27
5	3.07	1.69	1.34	0.90	0.64	1.47	4.96	7.64	8.77	9.64	7.44	5.17
6	2.99	1.63	1.32	0.79	0.64	1.54	4.90	7.77	8.81	9.62	7.34	5.07
7	2.93	1.59	1.17	0.77	0.68	1.68	4.89	7.89	8.86	9.61	7.18	4.97
8	2.89	1.56	0.99	0.73	0.75	1.84	4.89	8.00	8.92	9.56	7.10	4.89
9	2.81	1.50	0.94	0.71	0.81	2.04	4.89	8.10	9.02	9.53	7.07	4.85
10	2.77	1.50	0.93	0.67	0.85	2.25	4.89	8.17	9.13	9.47	6.98	4.81
11	2.73	1.50	0.91	0.81	0.87	2.46	5.22	8.21	9.19	9.42	6.88	4.78
12	2.70	1.49	0.91	0.85	0.87	2.70	5.44	8.24	9.23	9.37	6.78	4.74
13	2.66	1.46	0.95	0.91	0.86	2.87	5.64	8.24	9.30	9.33	6.68	4.71
14	2.63	1.45	1.00	0.95	0.85	3.09	6.28	8.19	9.41	9.30	6.59	4.68
15	2.59	1.44	0.99	0.00	0.82	3.31	6.30	8.17	9.45	9.27	6.49	4.59
16	2.53	1.43	1.10	0.00	0.85	3.53	6.30	8.15	9.45	9.22	6.43	4.54
17	2.46	1.37	1.10	0.11	0.75	3.66	6.30	8.07	9.47	9.19	6.35	4.51
18	2.39	1.36	1.10	0.14	0.73	3.69	6.31	8.06	9.46	9.16	6.31	4.47
19	2.33	1.31	1.02	0.11	0.71	3.74	6.34	8.04	9.45	9.14	6.22	4.41
20	2.27	1.21	1.00	0.05	0.73	3.82	6.37	8.00	9.47	9.12	6.15	4.38
21	2.19	1.17	1.00	0.93	0.75	3.95	6.55	8.00	9.52	9.10	6.08	4.34
22	2.10	1.15	0.99	0.87	0.83	4.25	6.74	8.00	9.54	9.07	5.99	4.29
23	2.09	1.13	0.99	0.83	0.97	4.44	6.86	8.01	9.57	8.99	5.95	4.25
24	2.04	1.12	1.02	0.85	1.08	4.52	6.94	8.06	9.59	8.84	5.87	4.21
25	2.03	1.11	1.01	0.92	1.13	4.74	7.02	8.09	9.58	8.58	5.83	4.17
26	2.00	1.15	1.06	0.94	1.21	4.76	7.09	8.13	9.60	8.45	5.79	4.13
27	1.98	1.21	1.10	0.97	1.27	4.69	7.12	8.17	9.64	8.32	5.75	4.09
28	1.98	1.29	1.11	0.01	1.33	4.54	7.13	8.23	9.64	8.20	5.68	4.05
29	1.97		1.14	0.07	1.35	4.61	7.14	8.28	9.68	8.11	5.58	4.01
30	1.95		1.16	0.09	1.38	4.79	7.16	8.32	9.67	8.06	5.48	3.97
31	1.95		1.20		1.39		7.19	8.38		7.96		3.93
Mean	2.51	1.44	1.09	0.52	0.94	3.16	6.02	8.00	9.26	9.11	6.56	4.59
Max.	3.29	1.90	1.38	0.97	1.39	4.79	7.19	8.38	9.68	9.69	7.86	5.41
Min.	1.95	1.11	0.91	0.00	0.64	1.40	4.87	7.19	8.48	7.96	5.48	3.93

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK K DAM
RIVER: SAP RIVER
YEAR: 1995

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.89	2.31	1.43		0.79	1.25	2.84	5.28	7.70	8.99	8.47	6.28
2	3.80	2.28	1.44		0.73	1.26	2.83	6.07	7.75	8.99	8.41	6.22
3	3.72	2.24	1.42		0.69	1.26	2.82	6.27	7.78	8.98	8.37	6.14
4	3.66	2.22	1.42		0.70	1.27	2.89	6.31	7.88	8.99	8.33	6.04
5	3.60	2.18	1.44		0.70	1.27	2.97	6.28	7.97	9.00	8.28	5.98
6	3.54	2.14	1.41		0.66	1.28	3.04	6.28	8.10	9.01	8.22	5.94
7	3.50	2.10	1.37		0.64	1.29	3.25	6.29	8.20	9.10	8.12	5.89
8	3.44	2.04	1.31		0.66	1.37	3.45	6.30	8.29	9.17	8.01	5.82
9	3.39	1.99	1.28		0.65	1.44	3.68	6.34	8.40	9.22	7.93	5.75
10	3.34	1.96	1.24		0.66	1.53	3.96	6.45	8.51	9.29	7.86	5.68
11	3.30	1.94	1.22		0.65	1.61	4.18	6.54	8.63	9.34	7.78	5.64
12	3.27	1.89	1.22		0.61	1.69	4.29	6.57	8.72	9.40	7.69	5.59
13	3.23	1.84	1.20		0.66	1.77	4.30	6.61	8.77	9.38	7.64	5.54
14	3.19	1.78	1.17		0.71	1.81	4.30	6.60	8.80	9.38	7.57	5.45
15	3.14	1.69	1.14		0.75	1.88	4.15	6.60	8.85	9.38	7.50	5.34
16	3.08	1.64	1.10		0.78	2.03	4.05	6.60	8.86	9.37	7.38	5.29
17	3.01	1.64	1.09		0.88	2.18	4.23	6.59	8.88	9.38	7.29	5.23
18	2.97	1.63	1.11		0.86	2.33	4.35	6.64	8.89	9.39	7.17	5.17
19	2.93	1.62	1.07		0.91	2.43	4.47	6.66	8.89	9.37	7.05	5.11
20	2.89	1.60	1.05		0.96	2.55	4.56	6.67	8.90	9.34	6.97	5.07
21	2.85	1.57	0.98		0.96	2.68	4.70	6.67	8.90	9.31	6.91	5.00
22	2.81	1.51	1.01		1.08	2.73	4.80	6.75	8.90	9.27	6.85	4.94
23	2.77	1.47	1.03		1.11	2.77	4.87	6.81	8.90	9.23	6.80	4.87
24	2.73	1.47	1.01		1.14	2.75	4.77	6.88	8.91	9.18	6.72	4.81
25	2.69	1.47	1.02		1.20	2.78	4.75	6.96	8.92	8.95	6.65	4.76
26	2.65	1.47	1.02		1.25	2.82	4.70	7.04	8.94	8.83	6.59	4.71
27	2.59	1.45	1.03		1.25	2.78	4.71	7.17	8.96	8.73	6.55	4.66
28	2.55	1.44	1.07		1.27	2.73	4.76	7.29	9.00	8.63	6.47	4.62
29	2.49		1.07		1.28	2.81	4.76	7.39	9.02	8.56	6.39	4.57
30	2.41		1.05		1.27	2.85	4.79	7.48	9.02	8.53	6.34	4.51
31	2.37		1.10		1.27		4.92	7.56		8.51		4.45
Mean	3.09	1.81	1.18		0.89	2.04	4.10	6.64	8.61	9.10	7.41	5.32
Max.	3.89	2.31	1.44		1.28	2.85	4.92	7.56	9.02	9.40	8.47	6.28
Min.	2.37	1.44	0.98		0.61	1.25	2.82	5.28	7.70	8.51	6.34	4.45

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK K DAM
RIVER: SAP RIVER
YEAR: 1996

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.38	2.79	1.77	1.32	1.04	1.90	3.07	6.39	7.53	9.69	9.09	7.69
2	4.31	2.74	1.73	1.33	1.11	1.97	3.16	6.38	7.56	9.73	9.06	7.59
3	4.27	2.75	1.69	1.34	1.23	2.05	3.19	6.37	7.59	9.74	9.03	7.54
4	4.18	2.71	1.64	1.31	1.24	2.13	3.15	6.36	7.59	9.74	9.01	7.49
5	4.10	2.66	1.58	1.34	1.23	2.17	3.10	6.38	7.58	9.72	8.98	7.45
6	3.99	2.62	1.52	1.36	1.25	2.16	3.04	6.59	7.56	9.67	9.02	7.37
7	3.95	2.58	1.46	1.37	1.27	2.19	2.99	6.78	7.54	9.63	9.11	7.29
8	3.89	2.55	1.41	1.34	1.30	2.20	2.95	6.93	7.52	9.59	9.15	7.18
9	3.85	2.51	1.38	1.29	1.23	2.17	2.93	7.04	7.52	9.58	9.13	7.10
10	3.78	2.47	1.35	1.26	1.11	2.12	2.96	7.09	7.56	9.58	9.07	7.02
11	3.73	2.42	1.31	1.27	1.13	2.00	2.97	7.13	7.66	9.58	9.03	6.94
12	3.69	2.39	1.33	1.26	1.22	1.92	2.98	7.11	7.69	9.58	8.93	6.88
13	3.65	2.37	1.31	1.27	1.30	1.88	2.98	7.07	7.70	9.58	8.87	6.80
14	3.61	2.34	1.34	1.29	1.39	1.91	2.99	7.02	7.70	9.51	8.78	6.70
15	3.55	2.30	1.31	1.30	1.48	1.95	3.02	6.97	7.73	9.47	8.72	6.62
16	3.50	2.26	1.31	1.34	1.66	2.00	3.03	6.94	7.85	9.43	8.64	6.60
17	3.46	2.22	1.33	1.29	1.91	2.09	3.06	6.93	7.99	9.39	8.56	6.49
18	3.40	2.16	1.29	1.24	2.09	2.14	3.11	6.95	8.10	9.35	8.49	6.42
19	3.35	2.09	1.28	1.25	2.37	2.19	3.18	6.99	8.20	9.31	8.45	6.34
20	3.31	1.97	1.32	1.19	2.49	2.23	3.28	7.01	8.29	9.27	8.41	6.26
21	3.28	1.92	1.35	1.20	2.46	2.32	3.46	7.03	8.41	9.23	8.37	6.18
22	3.29	1.98	1.37	1.20	2.37	2.42	3.76	7.05	8.55	9.20	8.32	6.12
23	3.21	1.98	1.33	1.16	2.29	2.53	3.95	7.11	8.67	9.17	8.27	6.06
24	3.18	1.94	1.34	1.19	2.09	2.69	4.45	7.18	8.80	9.13	8.23	6.01
25	3.15	1.94	1.31	1.12	1.97	2.73	5.09	7.25	8.94	9.12	8.16	5.97
26	3.11	1.88	1.39	1.11	1.87	2.81	5.56	7.29	9.09	9.15	8.07	5.91
27	3.08	1.83	1.25	1.06	1.76	2.89	5.84	7.35	9.27	9.19	7.98	5.85
28	3.04	1.85	1.22	1.02	1.72	2.94	6.04	7.42	9.41	9.23	7.93	5.76
29	2.98	1.81	1.25	1.03	1.71	3.00	6.17	7.46	9.51	9.20	7.84	5.68
30	2.95		1.26	1.02	1.77	3.03	6.27	7.47	9.62	9.13	7.78	5.61
31	2.89		1.31		1.84		6.34	7.50		9.10		5.53
Mean	3.55	2.28	1.39	1.24	1.64	2.29	3.81	6.99	8.16	9.42	8.62	6.60
Max.	4.38	2.79	1.77	1.37	2.49	3.03	6.34	7.50	9.62	9.74	9.15	7.69
Min.	2.89	1.81	1.22	1.02	1.04	1.88	2.93	6.36	7.52	9.10	7.78	5.53

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1997

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.46	3.64	2.28	1.38	1.42	1.57	2.55	6.98	8.44	9.02	7.83	5.48
2	5.42	3.59	2.22	1.36	1.34	1.61	2.82	7.04	8.46	9.02	7.72	5.41
3	5.35	3.54	2.15	1.35	1.23	1.69	3.06	7.25	8.50	9.03	7.64	5.37
4	5.28	3.48	2.08	1.34	1.18	1.76	3.25	7.43	8.50	9.04	7.52	5.30
5	5.22	3.42	2.04	1.31	1.19	1.88	3.41	7.61	8.53	9.02	7.43	5.25
6	5.16	3.36	2.01	1.32	1.20	1.95	3.50	7.78	8.54	9.00	7.37	5.19
7	5.10	3.31	2.04	1.29	1.22	1.95	3.58	7.92	8.57	9.03	7.30	5.14
8	5.04	3.28	2.02	1.28	1.17	1.97	3.60	8.10	8.56	9.06	7.24	5.06
9	4.98	3.26	2.01	1.27	1.17	1.98	3.63	8.22	8.58	9.07	7.16	5.01
10	4.92	3.23	1.99	1.28	1.19	1.90	3.66	8.32	8.59	9.02	7.10	4.96
11	4.86	3.19	1.95	1.29	1.20	1.80	3.72	8.36	8.60	9.01	7.02	4.87
12	4.82	3.16	1.91	1.29	1.17	1.68	3.81	8.35	8.64	9.00	6.93	4.80
13	4.76	3.14	1.94	1.27	1.13	1.66	3.82	8.28	8.66	8.99	6.83	4.75
14	4.70	3.12	1.89	1.28	1.08	1.50	3.85	8.17	8.68	8.96	6.74	4.69
15	4.64	3.06	1.89	1.27	1.02	1.55	3.90	8.09	8.71	8.94	6.67	4.65
16	4.57	2.98	1.72	1.28	0.95	1.56	4.24	8.00	8.65	8.92	6.60	4.49
17	4.52	2.95	1.64	1.26	0.93	1.56	4.83	7.96	8.80	8.90	6.54	4.47
18	4.45	2.88	1.61	1.24	0.95	1.55	5.24	7.90	8.80	8.88	6.46	4.45
19	4.38	2.80	1.52	1.21	0.96	1.42	5.46	7.92	8.81	8.88	6.38	4.38
20	4.32	2.72	1.42	1.19	0.99	1.43	5.56	8.00	8.82	8.85	6.28	4.32
21	4.26	2.66	1.37	1.24	1.03	1.42	5.62	8.12	8.84	8.79	6.20	4.25
22	4.20	2.59	1.35	1.26	1.09	1.45	5.73	8.23	8.87	8.72	6.14	4.20
23	4.16	2.55	1.33	1.29	1.14	1.48	5.86	8.34	8.95	8.63	6.06	4.14
24	4.10	2.51	1.38	1.29	1.22	1.56	5.98	8.44	8.97	8.56	6.00	4.06
25	4.04	2.47	1.49	1.29	1.29	1.68	6.18	8.52	8.96	8.47	5.89	4.00
26	3.98	2.43	1.51	1.32	1.34	1.76	6.34	8.57	8.96	8.39	5.83	3.94
27	3.92	2.39	1.53	1.33	1.39	1.82	6.48	8.59	8.95	8.30	5.76	3.89
28	3.86	2.35	1.58	1.37	1.48	1.86	6.61	8.57	8.98	8.20	5.68	3.85
29	3.80		1.48	1.43	1.52	1.99	6.72	8.53	9.01	8.12	5.62	3.80
30	3.74		1.46	1.47	1.54	2.26	6.82	8.49	9.04	8.05	5.56	3.77
31	3.69		1.37		1.52		6.90	8.46		7.94		3.73
Mean	4.57	3.00	1.75	1.30	1.20	1.71	4.73	8.08	8.73	8.77	6.65	4.57
Max.	5.46	3.64	2.28	1.47	1.54	2.26	6.90	8.59	9.04	9.07	7.83	5.48
Min.	3.69	2.35	1.33	1.19	0.93	1.42	2.55	6.98	8.44	7.94	5.56	3.73

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1998

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.69	2.27	1.37	0.84	0.98	1.36	1.59	3.70	5.19	6.68	5.32	5.15
2	3.64	2.22	1.48	1.10	0.99	1.32	1.68	3.68	5.20	6.70	5.26	5.06
3	3.60	2.17	1.46	1.06	0.94	1.30	1.80	3.66	5.23	6.69	5.20	4.87
4	3.54	2.10	1.42	1.06	0.73	1.32	2.04	3.64	5.28	6.64	5.16	4.69
5	3.49	2.02	1.32	0.96	0.70	1.34	2.18	3.71	5.33	6.57	5.12	4.56
6	3.42	1.98	1.25	0.80	0.66	1.33	2.41	3.78	5.34	6.52	5.05	4.45
7	3.36	1.94	1.19	0.68	0.74	1.34	2.68	3.98	5.34	6.45	5.04	4.34
8	3.31	1.90	1.05	0.66	0.78	1.38	3.12	4.14	5.37	6.43	4.98	4.24
9	3.26	1.86	1.03	0.66	0.85	1.42	3.66	4.18	5.42	6.42	4.95	4.16
10	3.21	1.72	1.03	0.58	0.85	1.43	4.03	4.19	5.46	6.44	4.89	4.10
11	3.16	1.78	1.01	0.70	0.88	1.52	4.20	4.22	5.54	6.46	4.82	4.04
12	3.10	1.74	1.01	0.72	0.91	1.64	4.22	4.25	5.65	6.44	4.76	3.98
13	3.05	1.72	1.00	0.82	0.98	1.73	4.23	4.33	5.91	6.42	4.70	3.90
14	3.01	1.72	0.99	0.81	1.00	1.78	4.27	4.48	6.14	6.37	4.64	3.84
15	2.97	1.74	1.01	0.77	1.01	1.84	4.32	4.58	6.19	6.33	4.60	3.82
16	2.92	1.62	1.06	0.76	0.99	1.76	4.37	4.66	6.20	6.32	4.52	3.72
17	2.86	1.57	1.05	0.78	0.95	1.79	4.39	4.72	6.23	6.29	4.47	3.72
18	2.80	1.51	1.00	0.84	0.89	1.71	4.36	4.83	6.26	6.20	4.47	3.74
19	2.74	1.46	0.86	0.91	0.85	1.67	4.32	4.94	6.30	6.14	4.54	3.74
20	2.67	1.38	0.95	0.80	0.86	1.64	4.30	4.97	6.36	6.15	4.58	3.71
21	2.63	1.32	0.97	0.80	0.83	1.60	4.28	5.06	6.40	6.10	4.69	3.70
22	2.58	1.26	0.81	0.80	0.87	1.58	4.30	5.14	6.48	6.02	4.71	3.65
23	2.51	1.23	0.84	0.77	0.91	1.62	4.28	5.22	6.56	5.92	4.77	3.59
24	2.48	1.22	0.77	0.74	0.87	1.52	4.28	5.22	6.62	5.84	4.94	3.54
25	2.46	1.23	0.80	0.88	0.86	1.48	4.28	5.46	6.67	5.81	5.14	3.46
26	2.43	1.23	0.90	0.86	0.96	1.53	4.18	5.43	6.68	5.79	5.23	3.38
27	2.40	1.24	0.96	0.96	1.07	1.52	4.10	5.34	6.68	5.73	5.22	3.30
28	2.38	1.34	0.96	0.97	1.20	1.54	4.00	5.29	6.64	5.65	5.19	3.18
29	2.36		0.98	1.00	1.30	1.57	3.91	5.24	6.60	5.57	5.13	3.10
30	2.35		0.83	1.00	1.40	1.60	3.80	5.25	6.62	5.48	5.15	3.00
31	2.31		0.84		1.34		3.72	5.22		5.40		2.95
Mean	2.93	1.66	1.04	0.84	0.94	1.54	3.65	4.60	6.00	6.19	4.91	3.89
Max.	3.69	2.27	1.48	1.10	1.40	1.84	4.39	5.46	6.68	6.70	5.32	5.15
Min.	2.31	1.22	0.77	0.58	0.66	1.30	1.59	3.64	5.19	5.40	4.47	2.95

DAILY WATER LEVEL DATA
(Source: Ministry of Water Resources)

STATION: PREK KDAM
RIVER: SAP RIVER
YEAR: 1999

(Unit: El.m)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.91	1.65	1.10	0.86	1.25	3.12	5.04	7.00	7.74	8.70	7.86	6.88
2	2.86	1.62	1.06	0.94	1.37	3.14	5.02	7.13	7.77	8.72	7.90	6.83
3	2.81	1.63	1.12	0.96	1.46	3.60	4.98	7.26	7.80	8.76	7.95	6.78
4	2.77	1.65	1.14	1.00	1.50	3.76	4.96	7.38	7.82	8.80	7.98	6.73
5	2.73	1.63	1.16	0.98	1.58	3.96	5.01	7.49	7.85	8.80	8.00	6.68
6	2.69	1.61	1.12	0.98	1.60	4.16	5.04	7.58	7.88	8.80	8.06	6.66
7	2.64	1.58	1.07	1.02	1.68	4.36	5.06	7.68	7.93	8.81	8.15	6.62
8	2.56	1.49	1.03	1.04	1.60	4.61	5.08	7.78	7.96	8.80	8.24	6.54
9	2.50	1.43	1.02	0.99	1.47	4.74	5.10	7.86	8.00	8.77	8.34	6.48
10	2.41	1.37	1.02	0.88	1.35	4.70	5.08	7.91	8.04	8.74	8.38	6.39
11	2.33	1.33	1.08	0.76	1.30	4.62	5.11	7.96	8.05	8.71	8.37	6.32
12	2.27	1.29	1.18	0.71	1.26	4.56	5.12	7.99	8.08	8.68	8.31	6.25
13	2.25	1.30	1.18	0.63	1.35	4.44	5.14	8.02	8.10	8.66	8.25	6.18
14	2.22	1.28	1.18	0.64	1.50	4.33	5.18	8.02	8.12	8.62	8.19	6.12
15	2.21	1.26	0.70	0.68	1.85	4.26	5.22	8.01	8.13	8.56	8.15	6.04
16	2.19	1.26	0.74	0.78	2.24	4.30	5.30	7.98	8.15	8.53	8.08	5.98
17	2.15	1.26	0.84	0.83	2.48	4.40	5.33	7.92	8.19	8.50	8.02	5.91
18	2.14	1.29	0.86	0.92	2.52	4.44	5.40	7.88	8.25	8.48	7.95	5.86
19	2.12	1.29	0.89	0.97	2.48	4.52	5.37	7.83	8.28	8.42	7.88	5.79
20	2.09	1.31	0.92	1.05	2.44	4.59	5.38	7.80	8.30	8.46	7.80	5.73
21	2.05	1.30	0.95	1.12	2.47	4.70	5.38	7.76	8.30	8.28	7.72	5.66
22	2.03	1.29	1.00	1.06	2.53	4.88	5.38	7.72	8.31	8.22	7.63	5.60
23	1.98	1.24	1.04	0.97	2.52	5.00	5.42	7.67	8.35	8.19	7.57	5.55
24	1.92	1.19	1.04	0.95	2.58	5.00	5.46	7.64	8.38	8.13	7.52	5.50
25	1.86	1.14	1.06	0.87	2.66	4.98	5.54	7.64	8.42	8.05	7.43	5.44
26	1.80	1.13	0.89	0.91	2.72	4.98	5.69	7.64	8.49	7.98	7.33	5.37
27	1.72	1.07	0.80	0.96	2.79	5.02	6.01	7.64	8.54	7.94	7.24	5.32
28	1.69	1.08	0.73	1.00	2.85	5.00	6.38	7.66	8.58	7.94	7.16	5.23
29	1.64		0.76	1.02	2.87	4.98	6.58	7.70	8.63	7.93	7.06	5.16
30	1.65		0.79	1.16	2.94	5.04	6.68	7.72	8.67	7.91	7.96	5.06
31	1.65		0.86		2.99		6.81	7.73		7.90		5.00
Mean	2.22	1.36	0.98	0.92	2.07	4.47	5.43	7.71	8.17	8.44	7.88	5.99
Max.	2.91	1.65	1.18	1.16	2.99	5.04	6.81	8.02	8.67	8.81	8.38	6.88
Min.	1.64	1.07	0.70	0.63	1.25	3.12	4.96	7.00	7.74	7.90	7.06	5.00