Table 6-1 LIST OF GROUNDWATER OBSERVATION STATIONS
IN THE STUDY AREA

	Chatian	Remarks
Regional No.	Station	
1	Mae Taeng Project	×
	Mae Fage - Mae Nguad Project	
	Mae Kuang Project	
	Mae Ping Project	<b>.</b> . <b>X</b>
	Mae Taeng Research Station	×
2	Mae Wang Project	×
3	Phitsanulok Research Staion	×
7	Bolomatad Project	×
	Channasuit Project	• • • •
	" " (Interception Brain)	_
	Yang Manee Project	Ō
	Phak Hai Project	×
	Phonla Thep Project	0
	Thabote Project	
	Samchook Project	Ō
•	" (Interception Drain)	00000
·	Don Chea Dee Project	O
	Phoa Phaya Project	0
	Chow Ched Bang Yi Hon	
	Sam Chook Research Station	×
8	Manorom Project	×
	Chong Kae Project	O
	" (Interception Drain)	0
	Kok Kiha Tiem Project	×
	Roeng Rang Project	×
	Nakorn Luang Project	×
	Maharaj Project	×
10	Phet Cha Buri Project	on O
	" (Interception Drai	n) (
	Pran Buri Project	×
	Phet Cha Buri Research Staion	O
4.*	Mae Klong Research Station	×
	Kam Phang Sean Project	×
•	(Existing Phoa Phaya Project)	

Remarks --- O: Observation On-going as of 1986

×: Observation terminated as of 1986

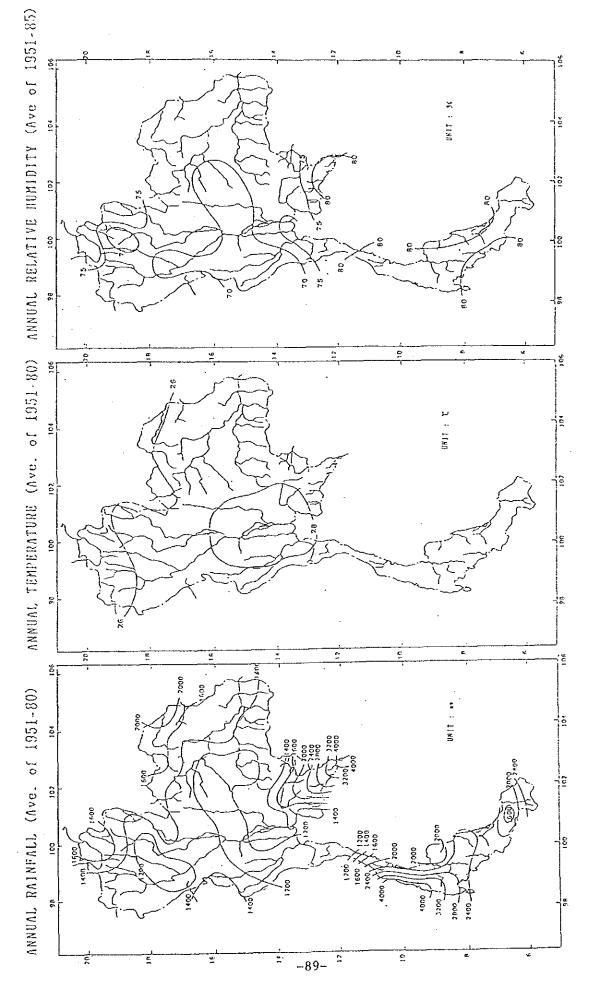


Figure 1-1 METEOROLOGY IN THAILAND

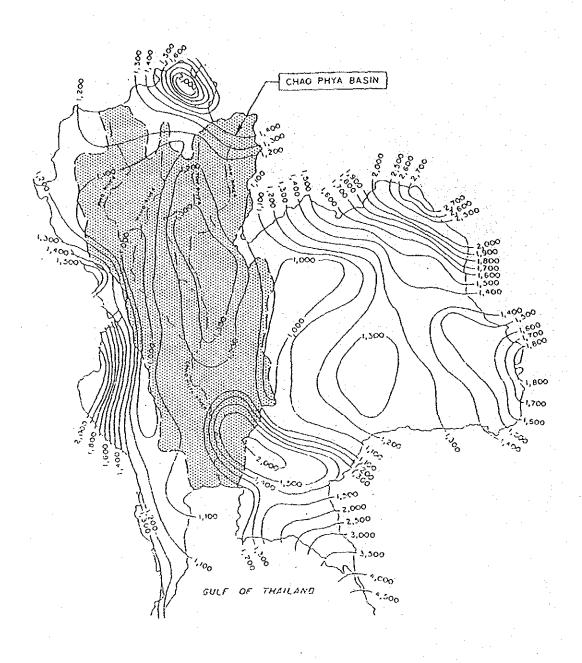




Figure 1-2 ISOHYETAL MAP OF THAILAND

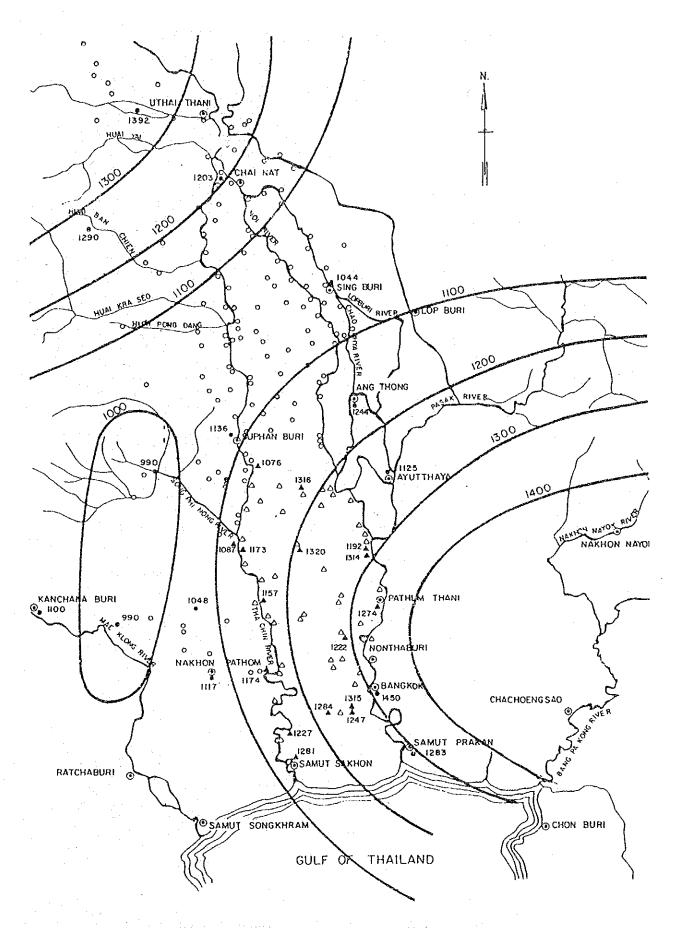
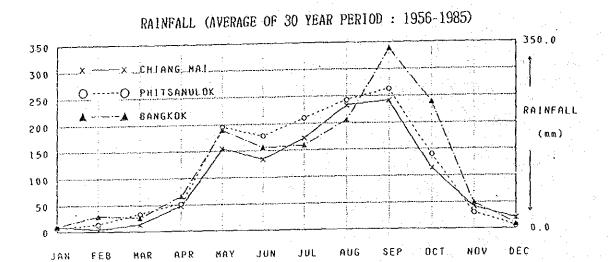
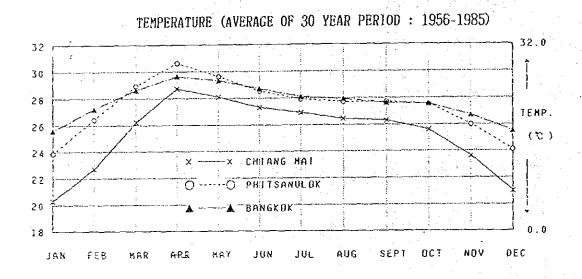


Figure 1-3 ISOHYETAL MAP OF CHAO PHRAYA DELTA





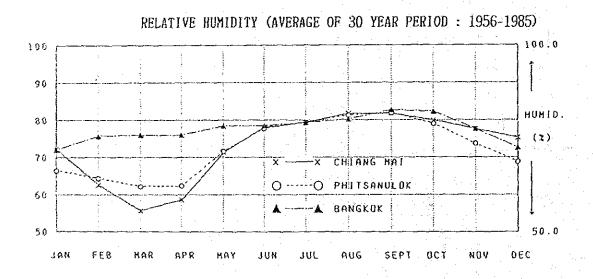
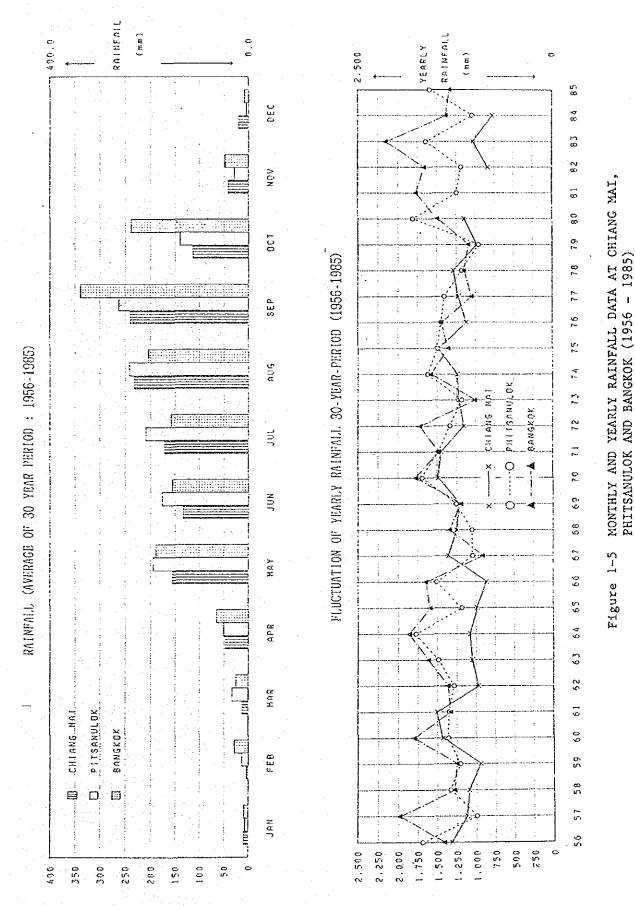


Figure 1-4 METEOROLOGY AT CHIANG MAI, PHITSANULOK AND BANGKOK



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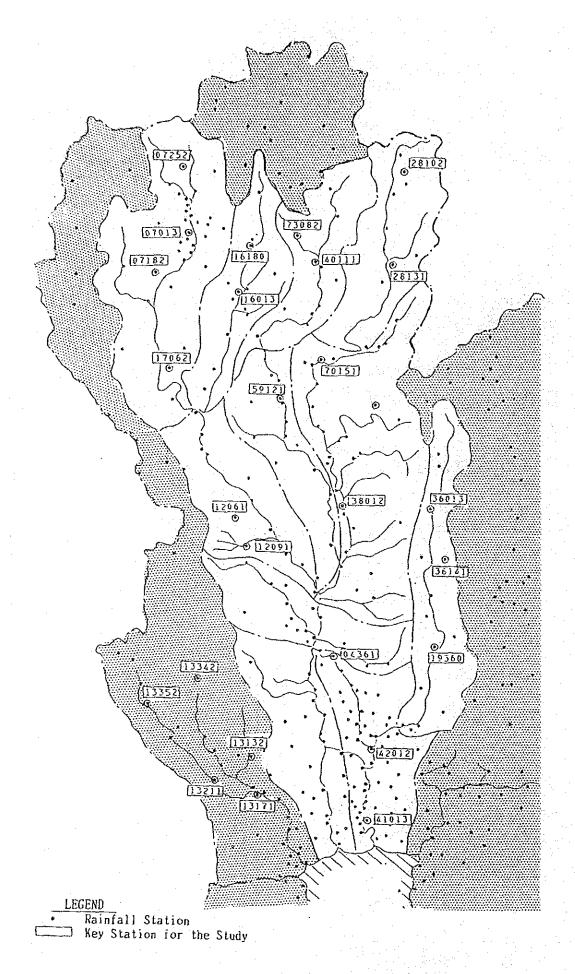


Figure 2-1 LOCATION MAP OF KEY RAINFALL STATIONS

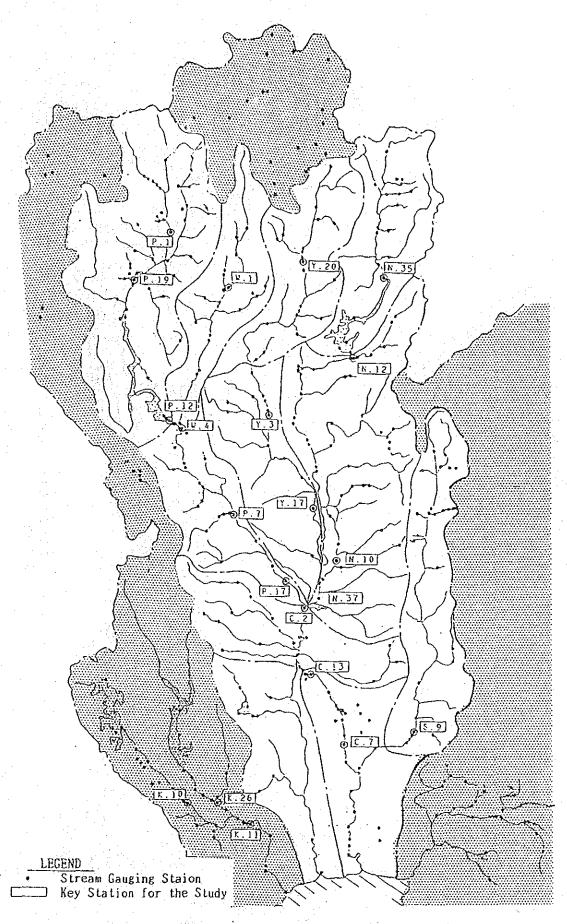


Figure 2-2 LOCATION MAP OF STREAM GAUGING STATIONS

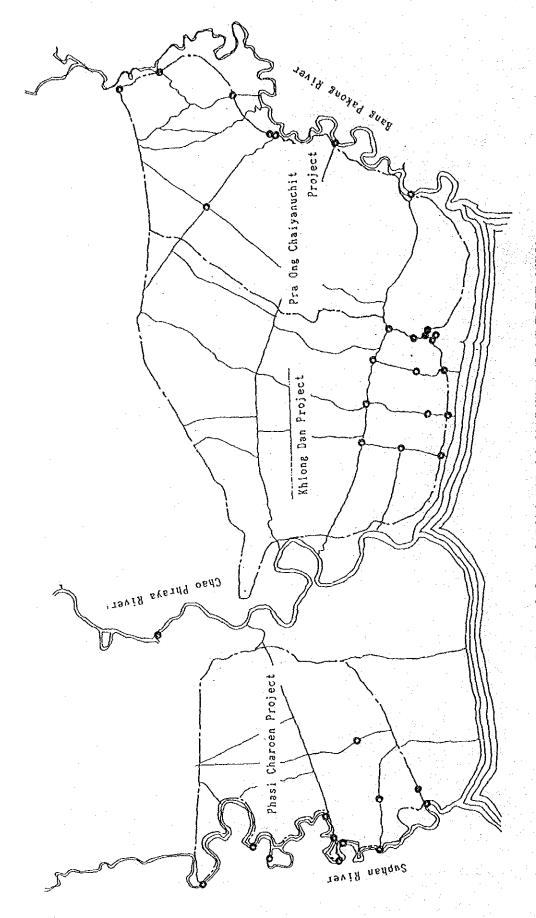


Figure 2-3 LOCATION MAP OF SALINITY MEASUREMENT SITES IN LOWER DELIA

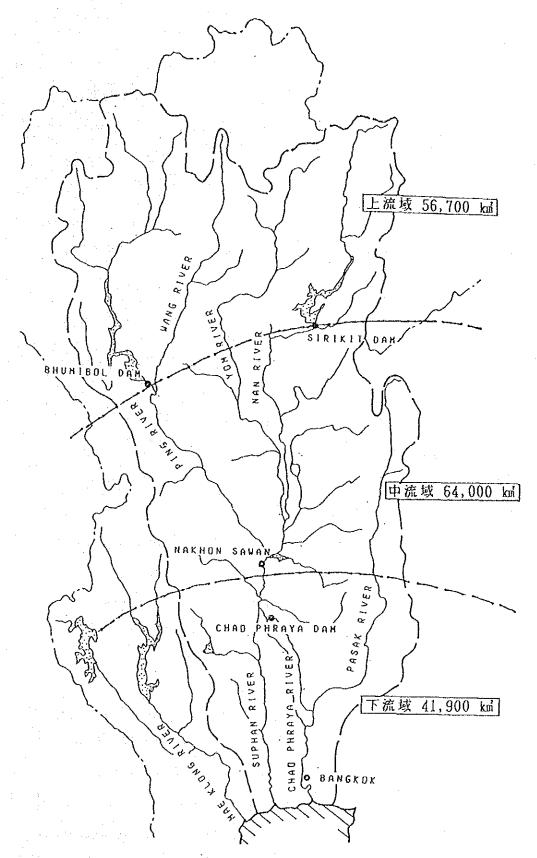


Figure 2-4 LOCATION MAP OF CHAO PHRAYA RIVER BASIN

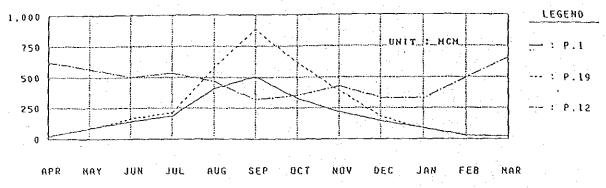


Figure 2-5 HYDROGRAPH AT P.1, P.19 AND P.12 IN PING RIVER

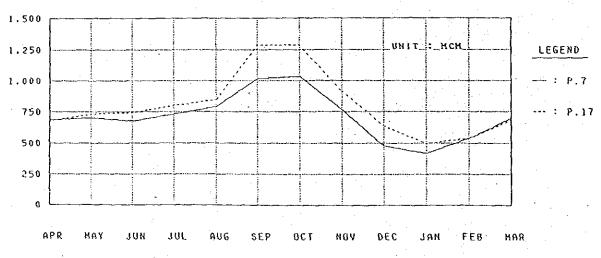


Figure 2-6 HYDROGRAPH AT P.7 AND P.17 IN PING RIVER

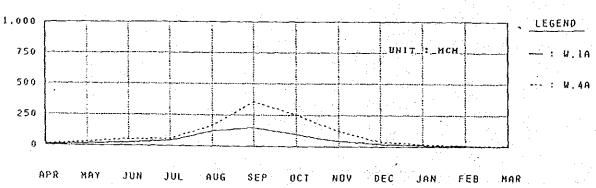
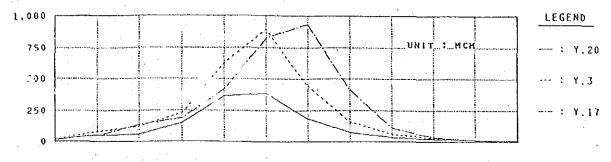
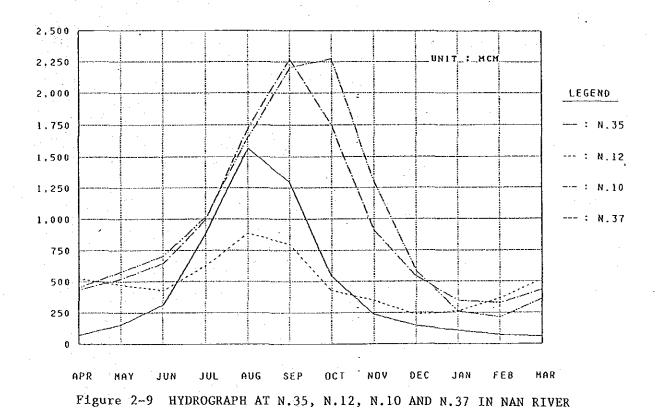


Figure 2-7 HYDROGRAPH AT W.1 AND W.4 IN WANG RIVER



APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR Figure 2-8 HYDROGRAPH AT Y.20, Y.3 AND Y.17 IN YOM RIVER



1.000
750
500
250
250
APR MAY JUN JUL AUG SEP DCT NOV DEC JAN FEB MAR

Figure 2-10 HYDROGRAPH AT S.9 IN PASAK RIVER

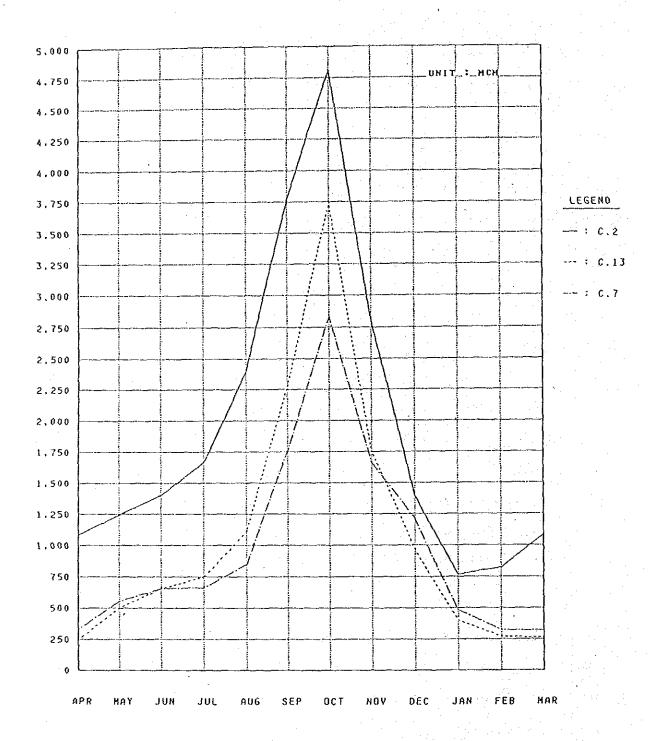


Figure 2-11 HYDROGRAPH AT C2, C13 & C7 IN CHAO PHRAYA RIVER

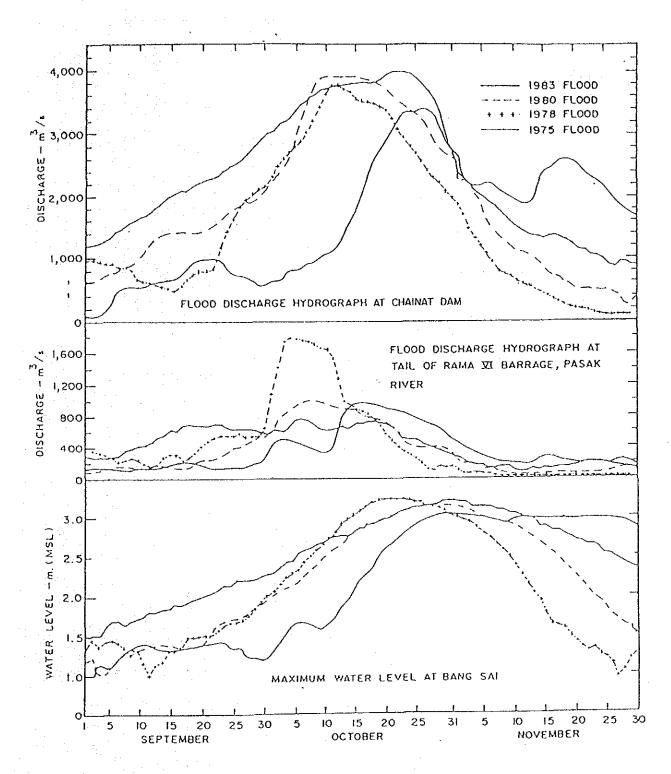


Figure 2-12 RECENT FLOOD HYDROGRAPH IN CHAO PHRAYA RIVER

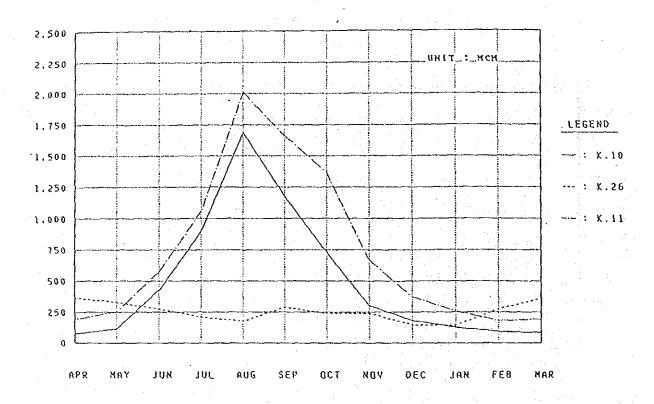
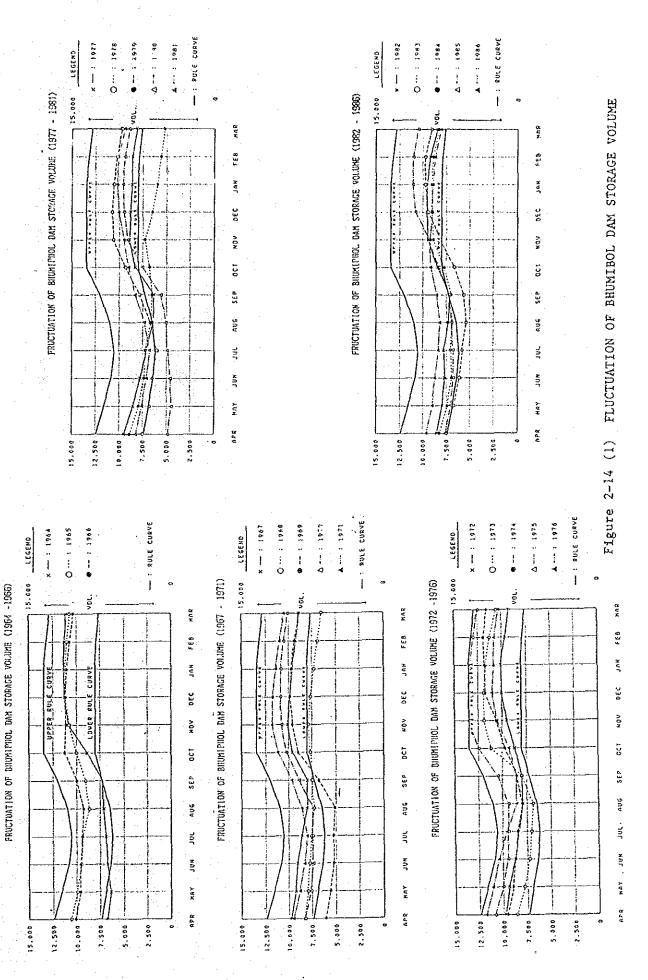
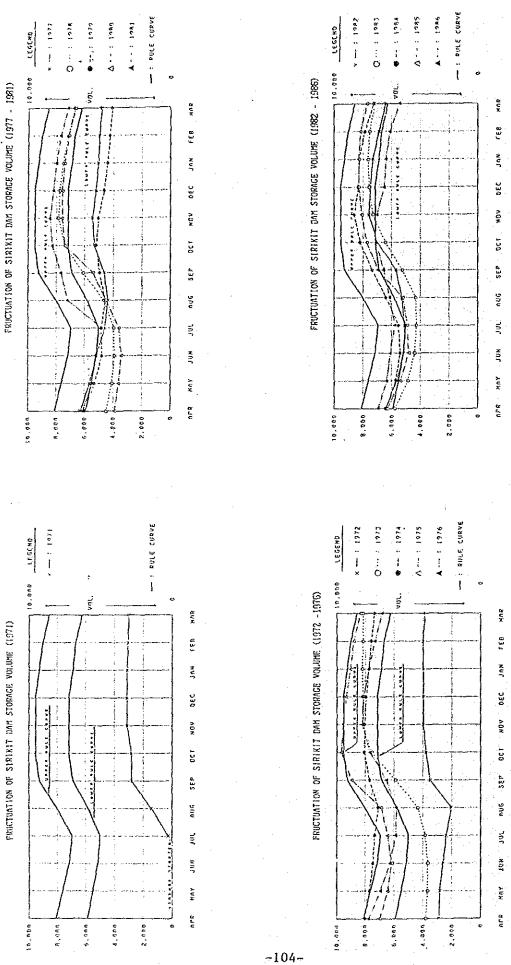


Figure 2-13 HYDROGRAPH AT K.10, K.26 & K.11 IN MAE KLONG RIVER





FLUCTUATION OF SIRIKIT DAM STORAGE VOLUME

Figure 2-14 (2)

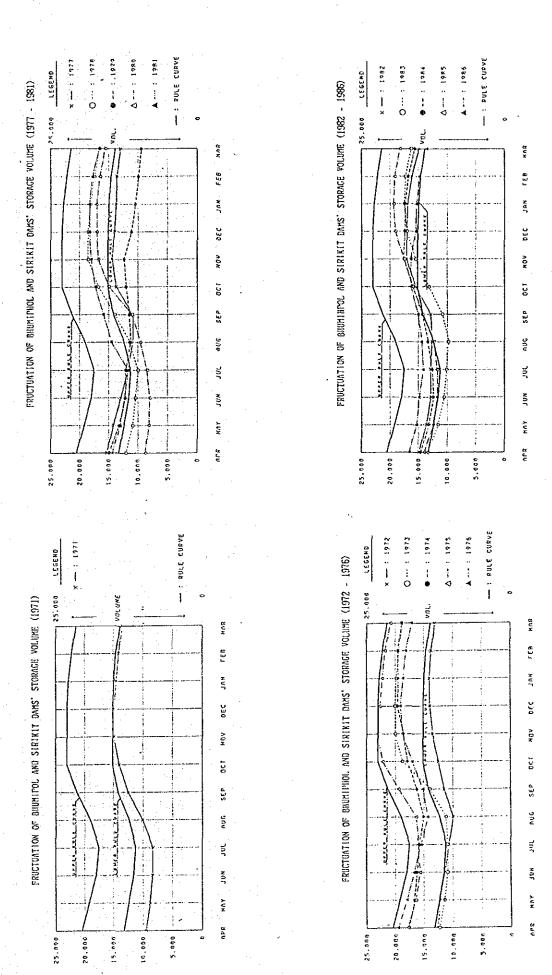
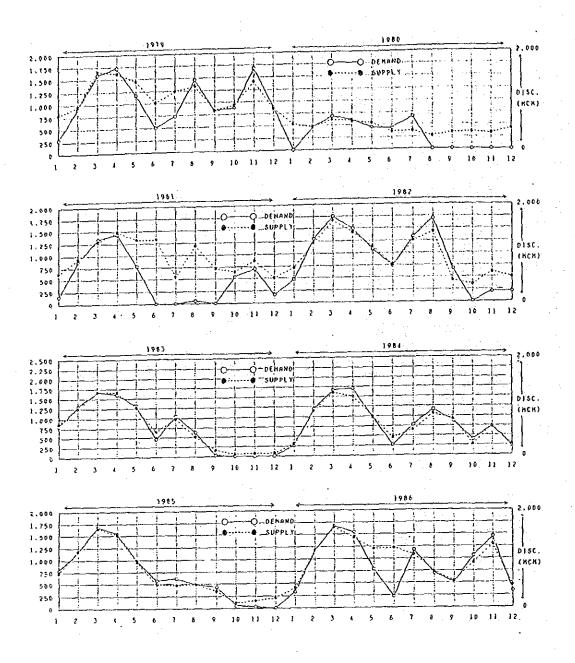


Figure 2-14 (3) FLUCTUATION OF BHUMIBOL AND SIRIKIT DAM STORAGE VOLUME



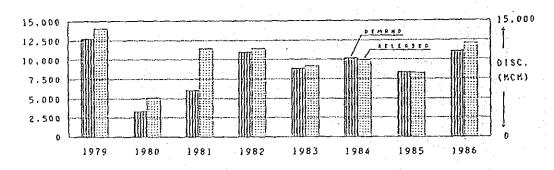


Figure 2-15 RID'S DEMAND AND ACTUAL RELEASED DISCHARGE FROM BHUMIBOL AND SIRIKIT DAMS

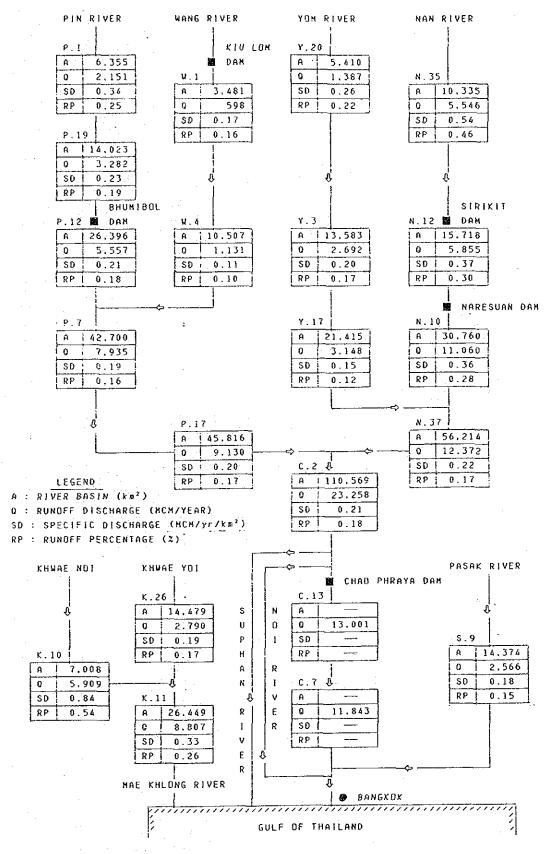


Figure 2-16 HYDROLOGICAL FACTORS IN CHAO PHRAYA RIVER BASIN

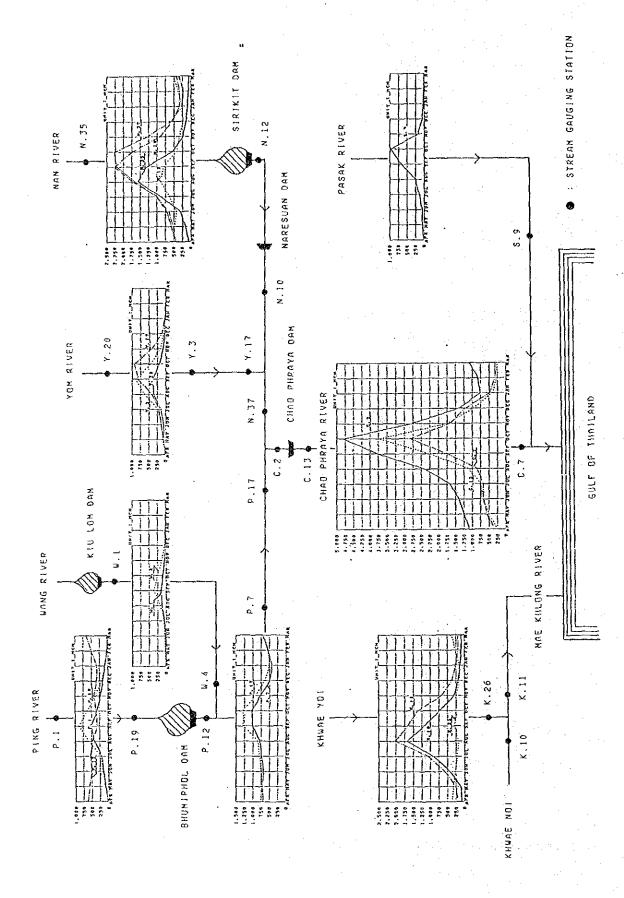


Figure 2-17 HYDROGRAPH AT MAIN STATIONS IN CHAO PHRAYA BASIN

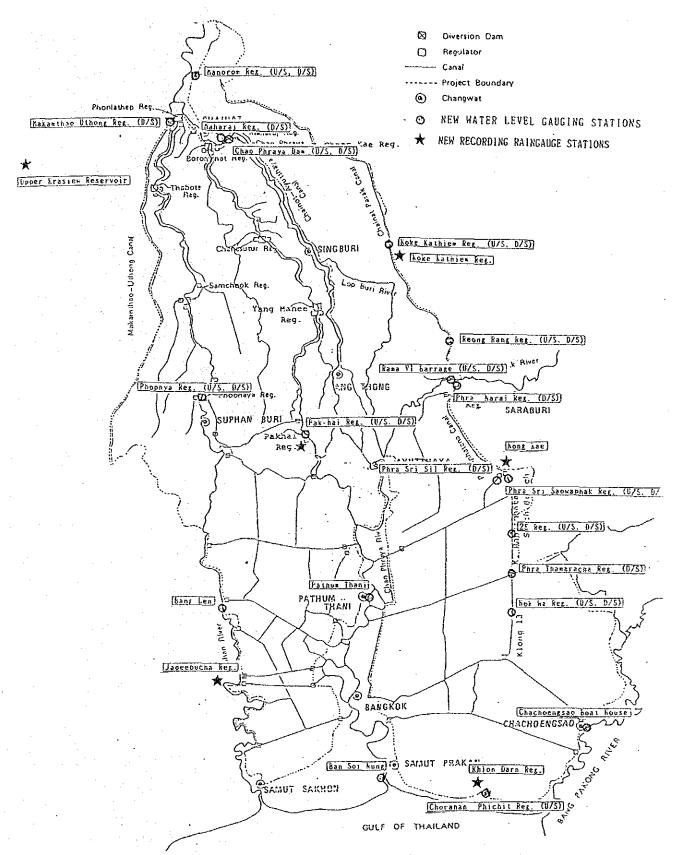


Figure 3-1 LOCATION MAP OF NEW WATER LEVEL GAUGING AND RECORDING RAINGAUGE STATIONS

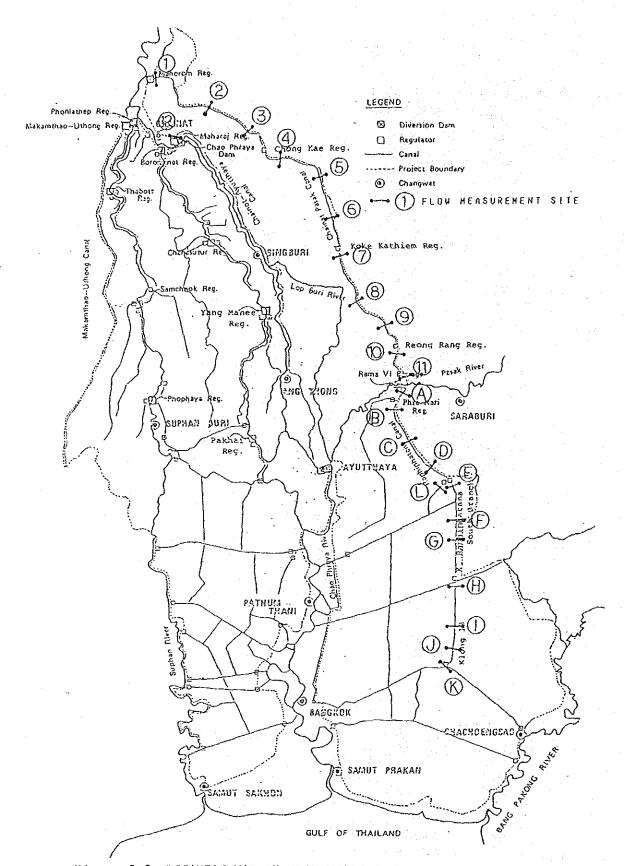


Figure 3-2 LOCATION MAP OF FLOW MEASUREMENT SITES

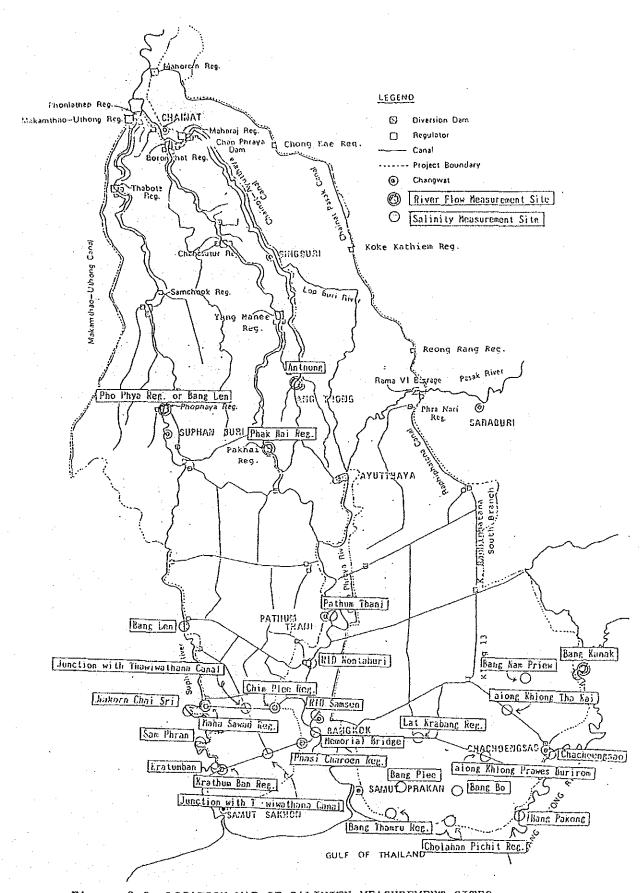


Figure 3-3 LOCATION MAP OF SALINITY MEASUREMENT SITES

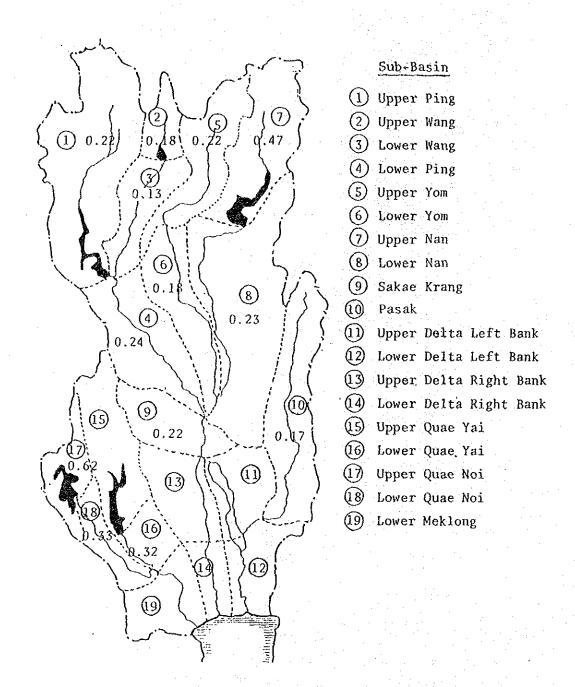


Figure 4-1 ANNUAL RUNOFF COEFFICIENT IN THE CHAO PHRAYA RIVER AND MAE KLONG BASINS

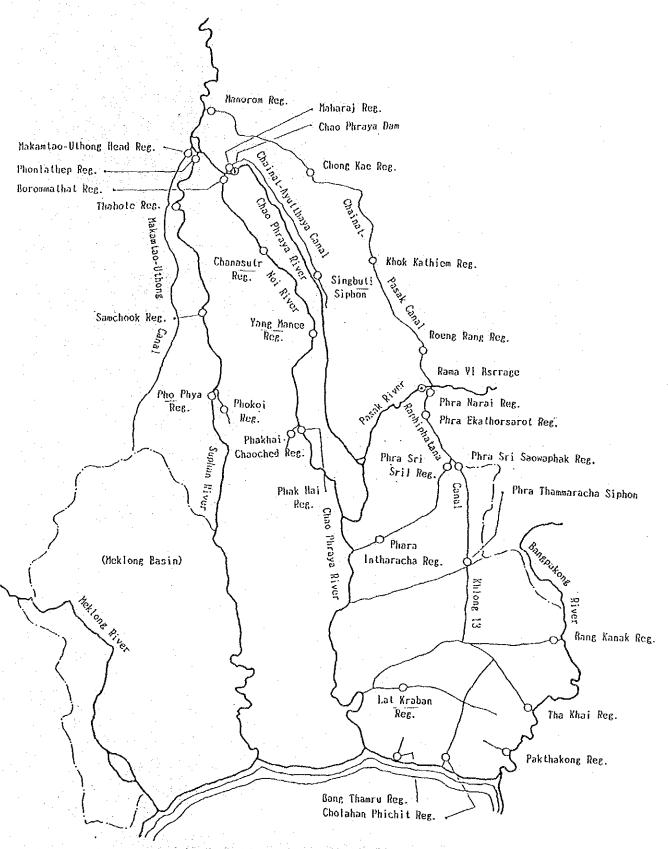


Figure 4-2 LOCATION MAP OF KEY STATIONS IN THE DELTA FOR STUDY ON WATER BEHAVIOR

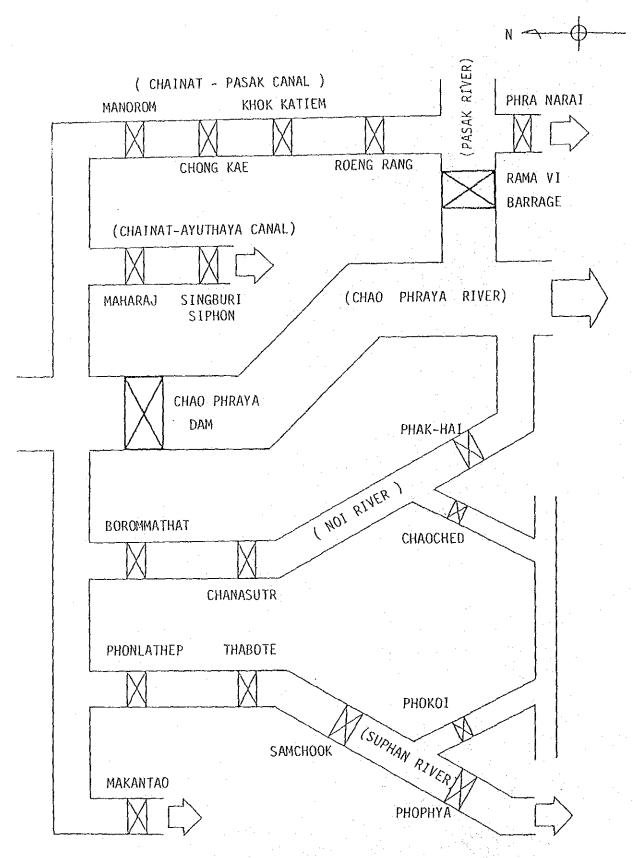
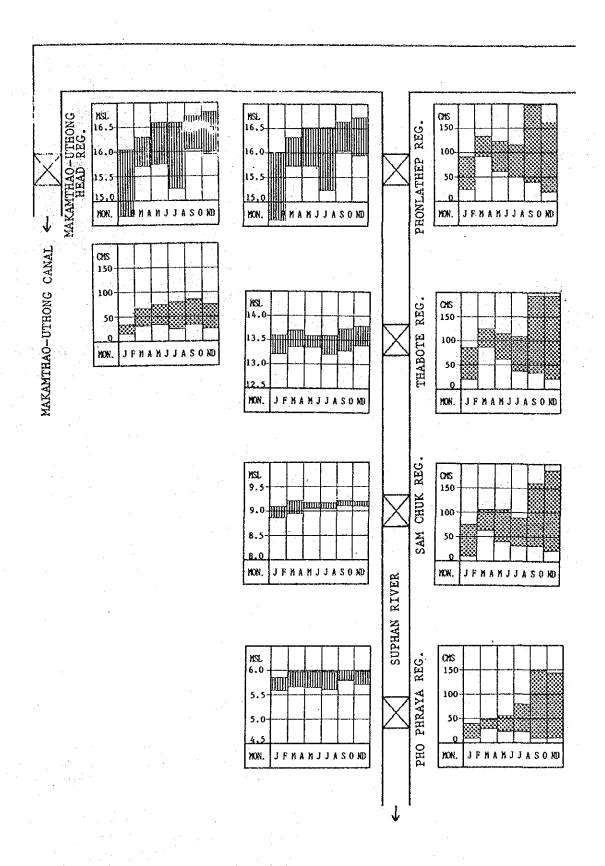
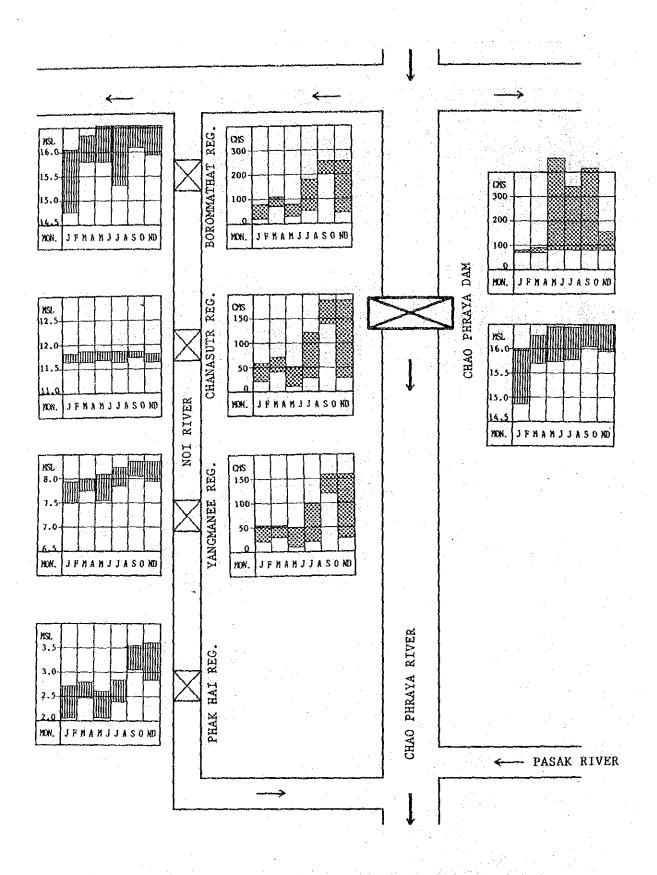


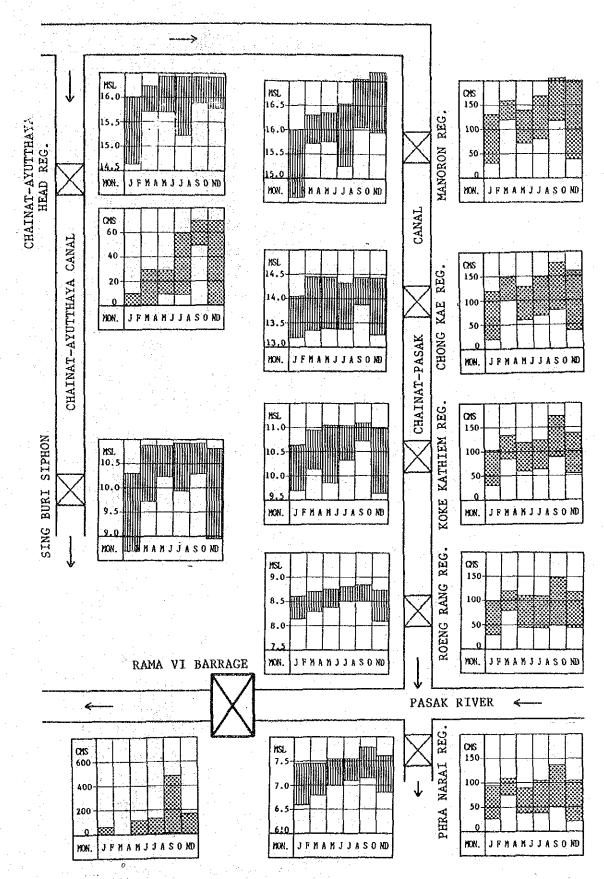
Figure 4-3 (1) BI-MONTHLY WATER LEVEL AND FLOW FLUCTUATION
--- LOCATION of MAJOR REGULATORS ---



Figire 4-3 (2) BI-MONTHLY WATER LEVEL AND FLOW FLUCTUATION ALONG SUPHAN RIVER AND AT MAKAMTHAO-UTHONG HEAD REG.



Figire 4-3 (3) BI-MONTHLY WATER LEVEL AND FLOW FLUCTUATION AT CHAO PHRAYA DAM AND ALONG NOI RIVER



Figire 4-3 (4) BI-MONTHLY WATER LEVEL AND FLOW FLUCTUATION ALONG CHAINAT-PASAK AND CHAINAT AYUTTHAYA CANAL

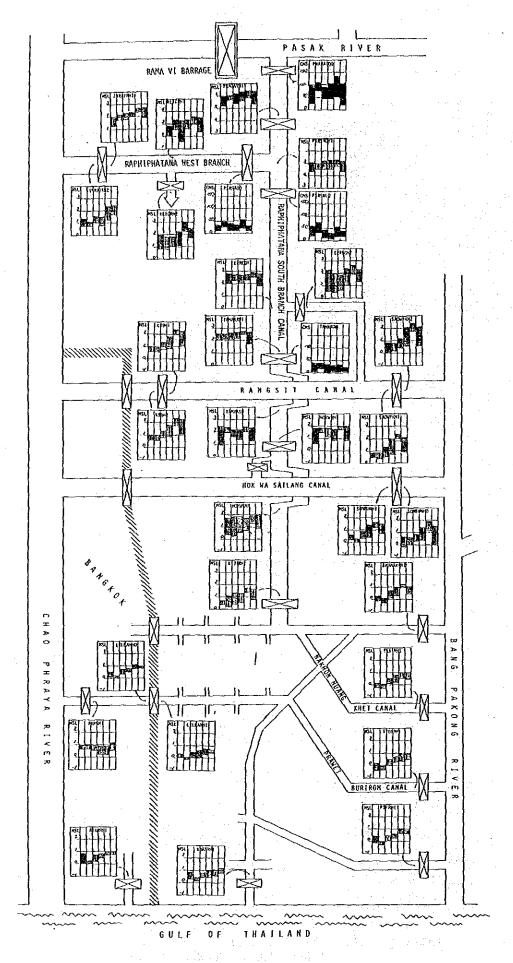


Figure 4-3 (5) BI-MONTHLY WATER LEVEL AND FLOW FLUCTUATION IN THE LOWER EAST AREA

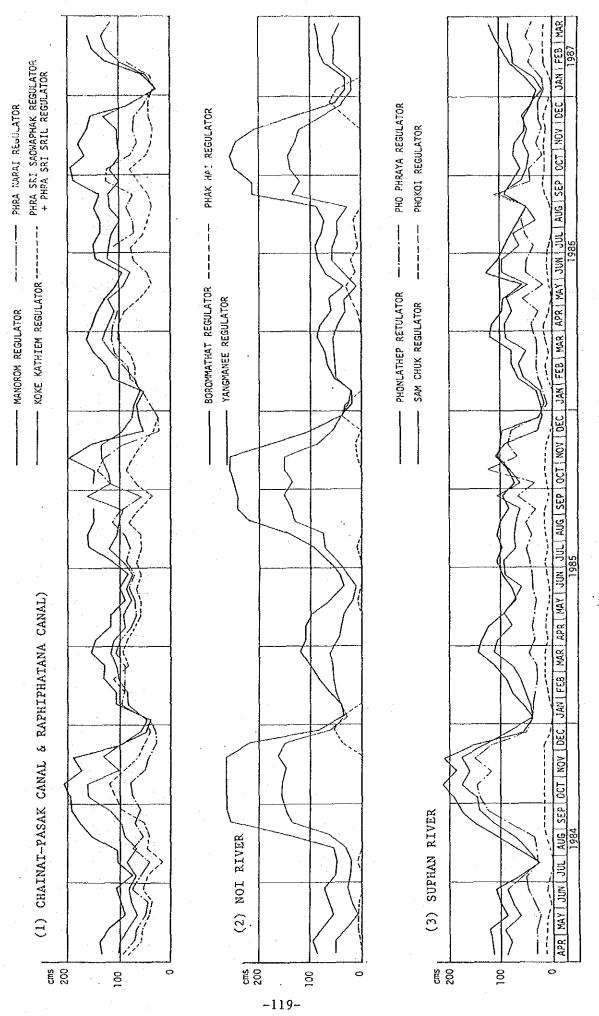
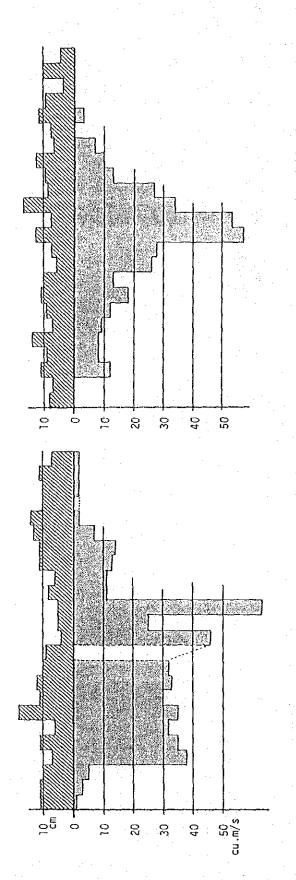


Figure 4-4 HALF-MONTHLY MEAN DISCHARGE

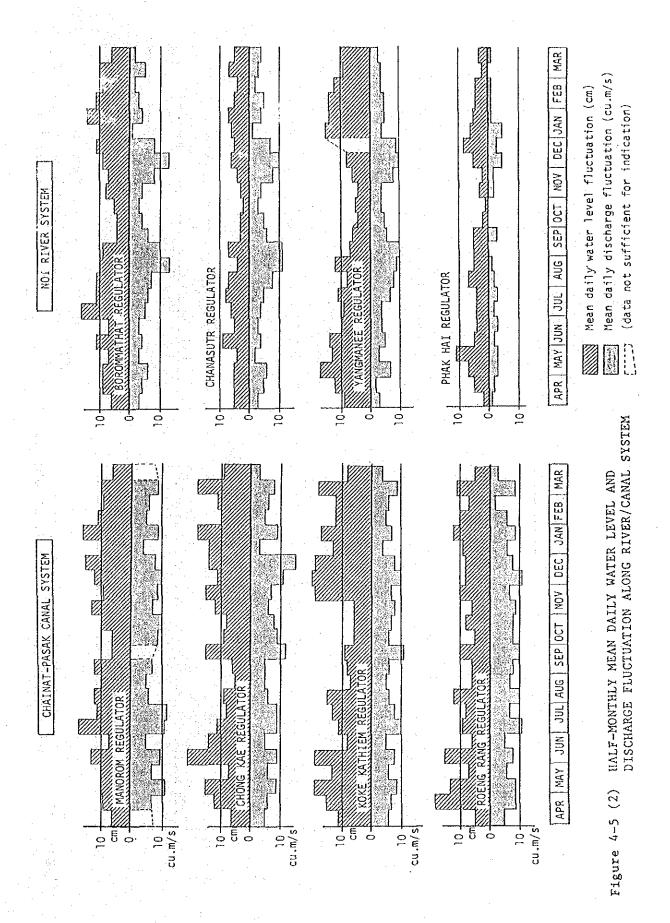


DEC JAN FEB MAR APR | MAY JUN | JUL | AUG | SEP | OCT | NOV | JAN FEB MAR AUG SEP | OCT | NOV DEC

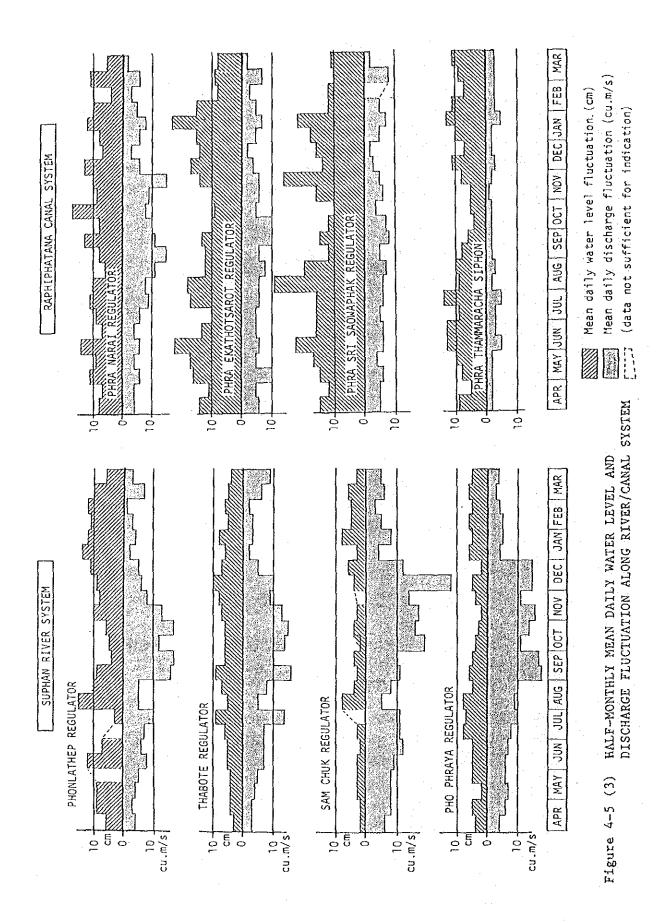
Mean daily discharge fluctuation (cu.m/s) Mean daily water level fluctuation (cm) (data not sufficient for indication)

Figure 4-5 (1) HALF-MONTHLY MEAN DAILY WATER LEVEL AND DISCHARGE FLUCTUATION ALONG RIVER/CANAL SYSTEM

APR | MAY | JUN | JUL |



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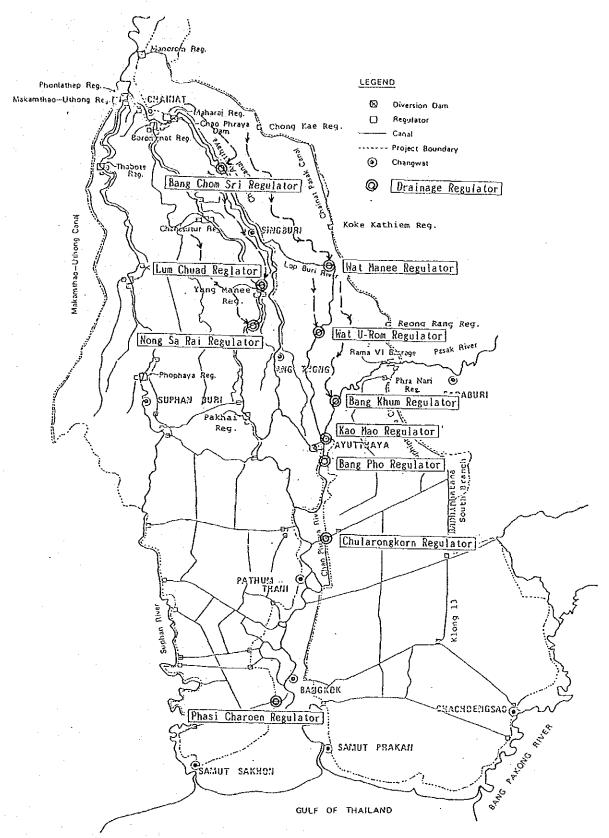
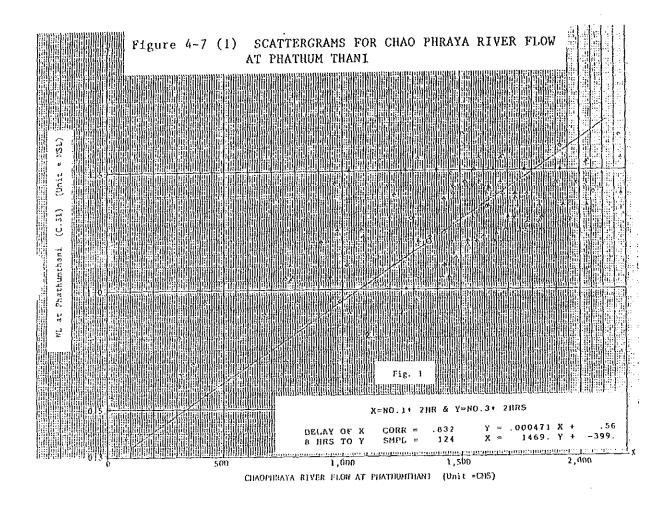
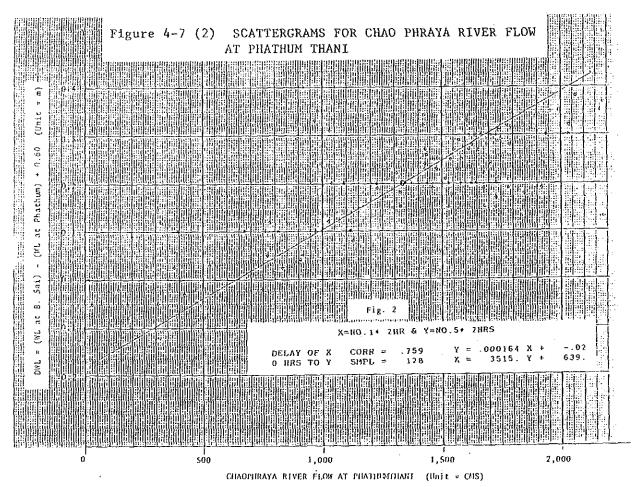
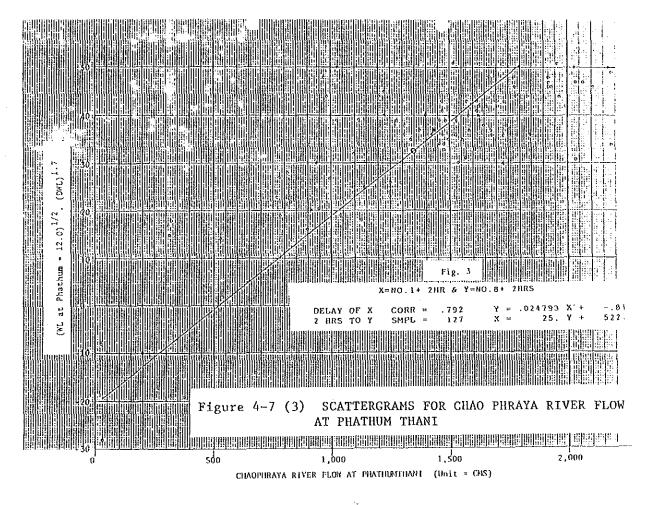
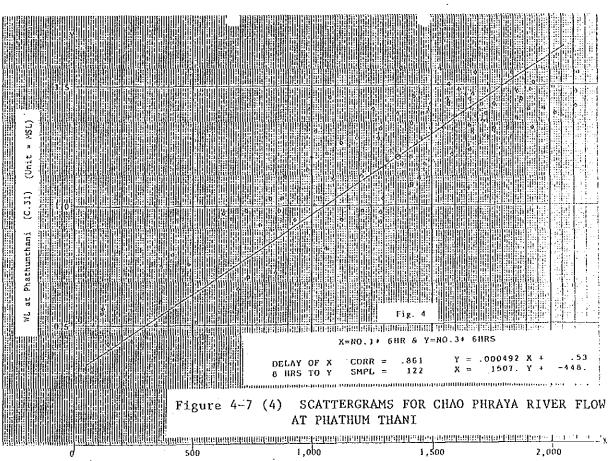


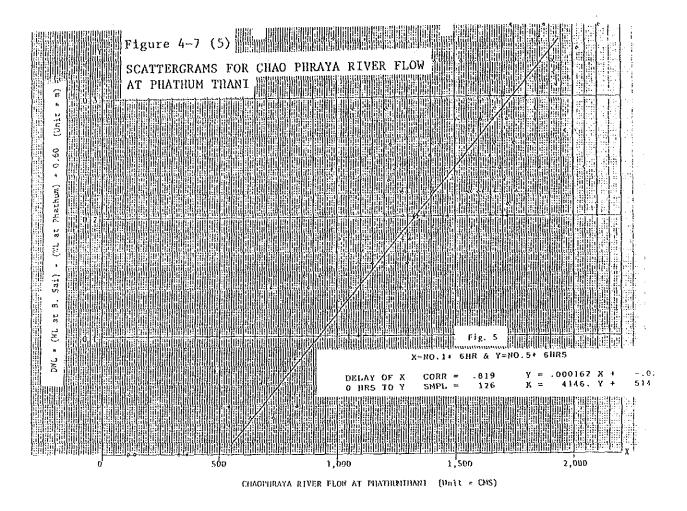
Figure 4-6 LOCATION MAP OF DRAINAGE REGULATORS FOR FLOW MEASUREMENT

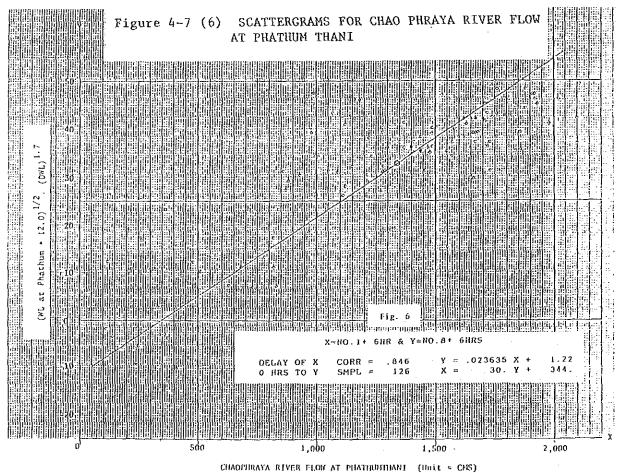


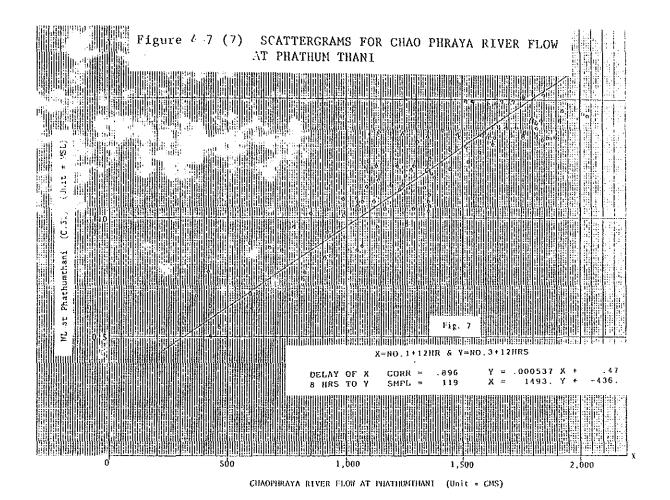


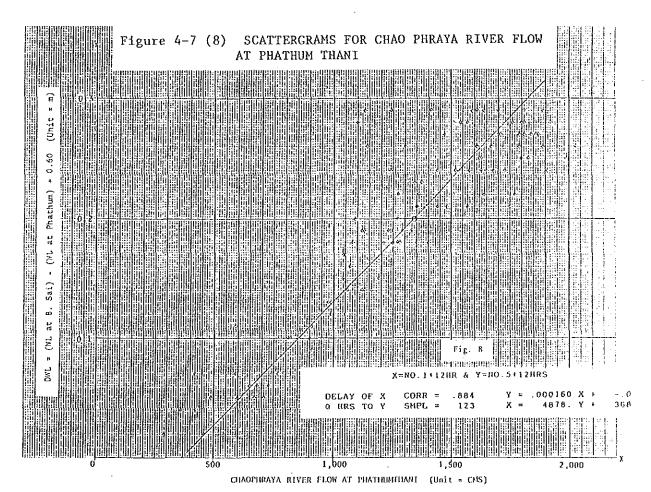


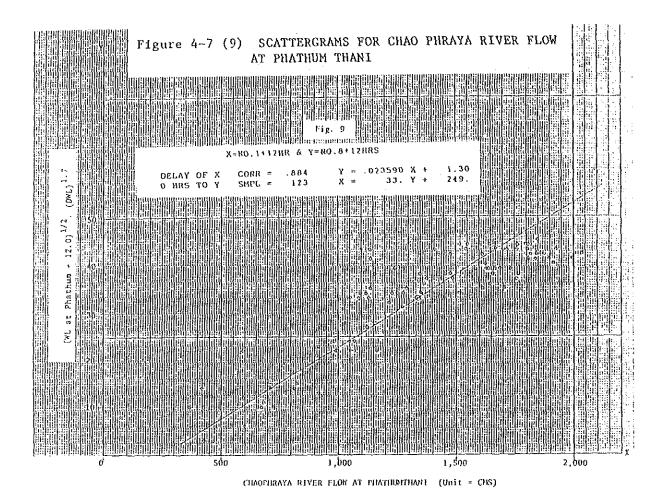


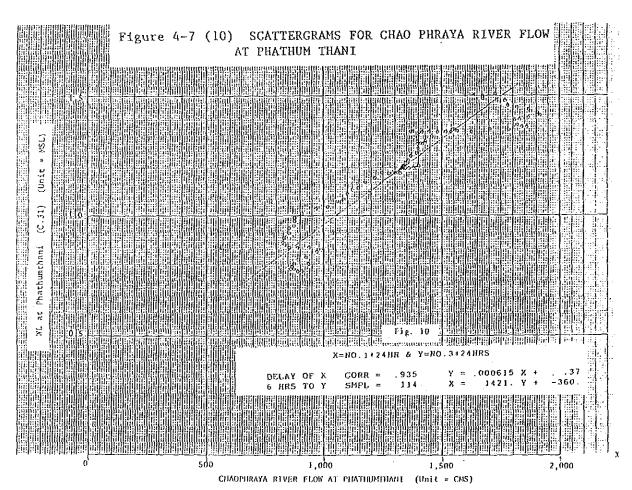


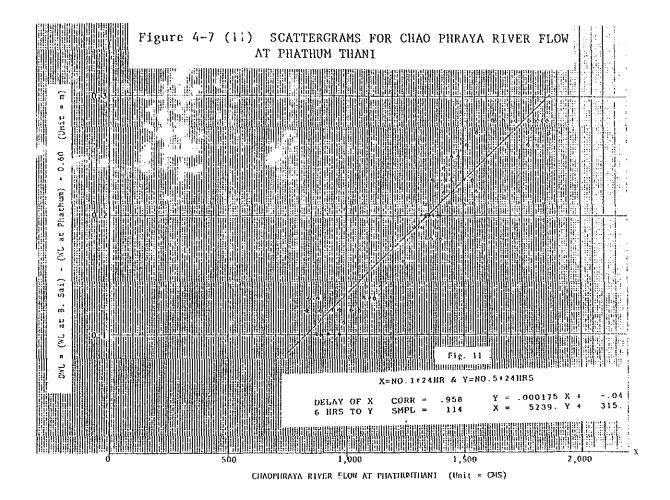


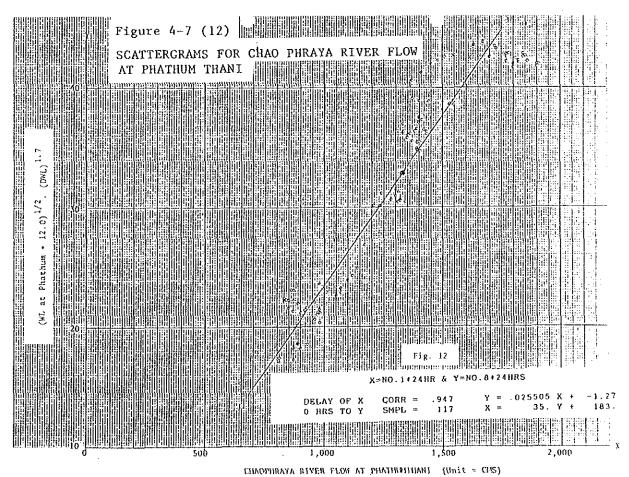


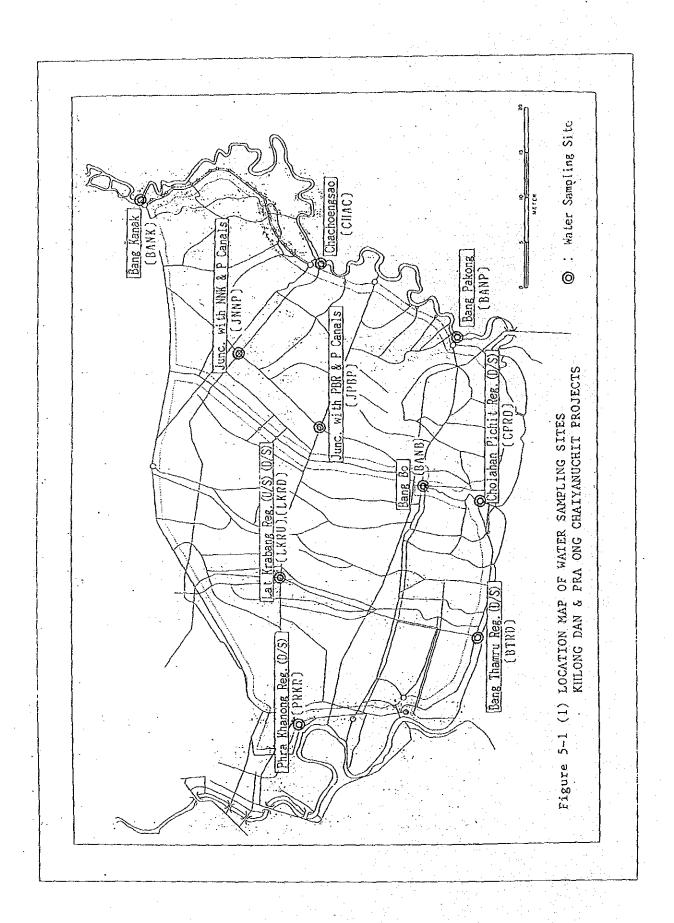


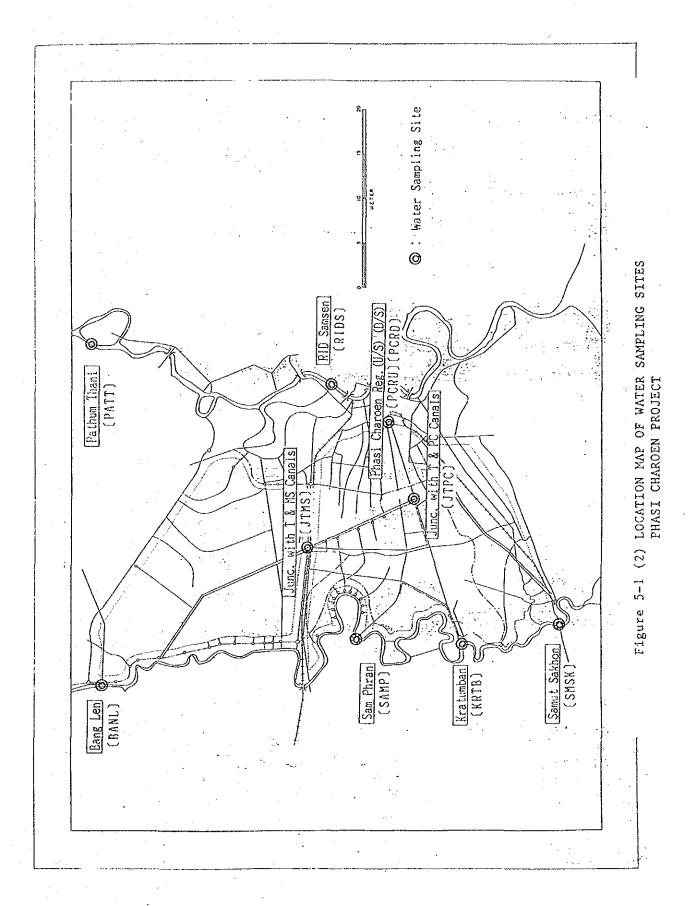












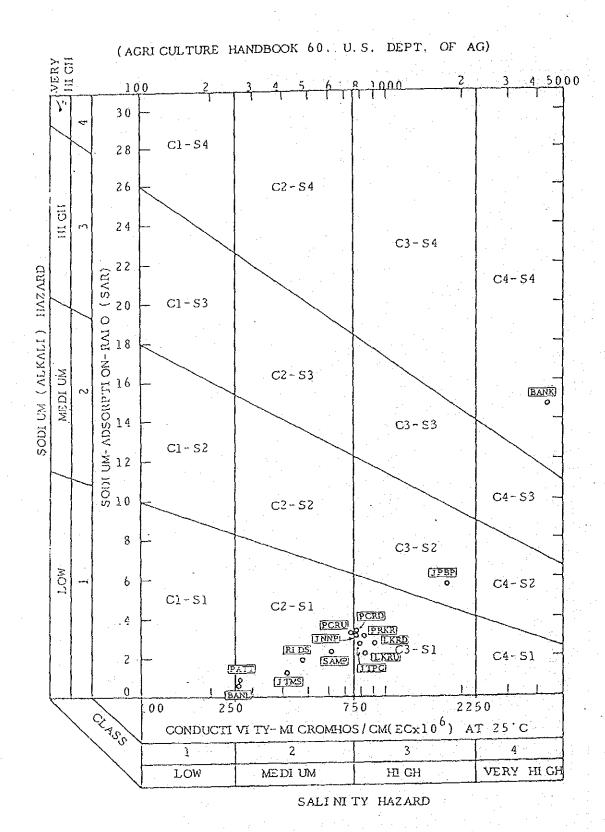
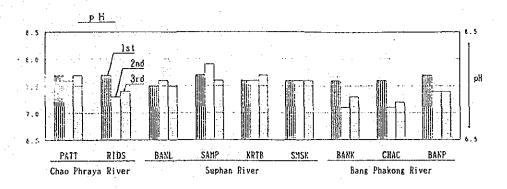
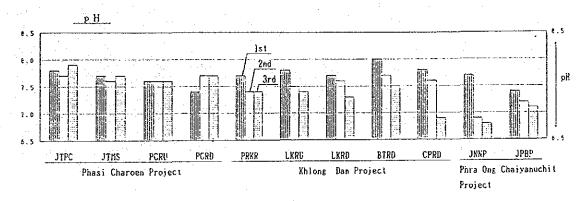
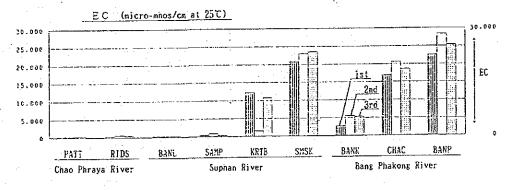


Figure 5-2 RESULT OF WATER QUALITY IN LOWER DELTA AREA





## 水質検査結果 (EC)



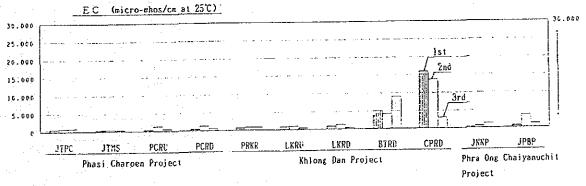
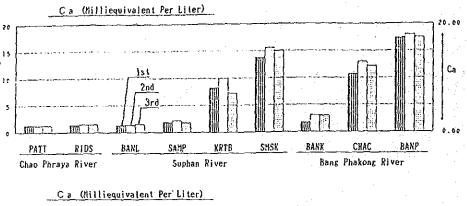
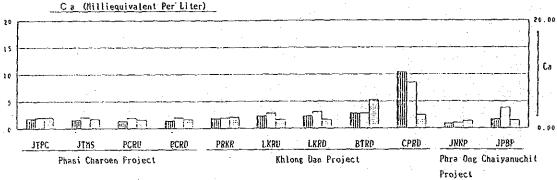
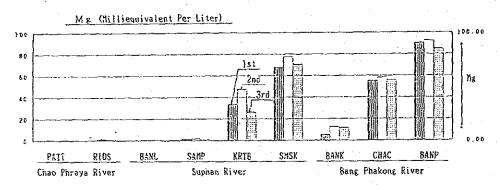


Figure 5-3 (1) RESULT OF WATER QUALITY (pH, EC)





# 水質検査結果(Mg)



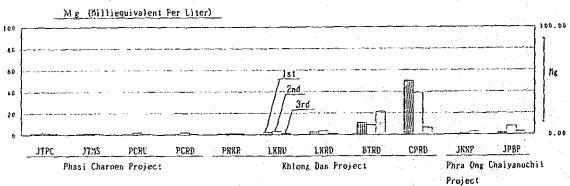
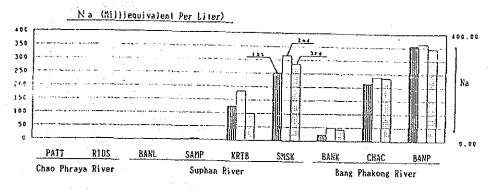
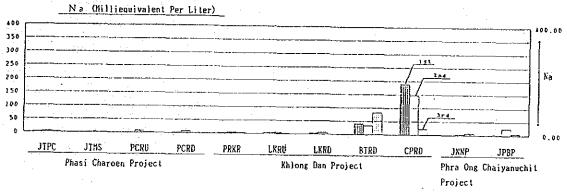
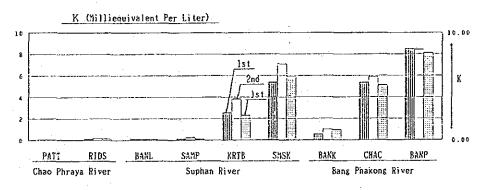


Figure 5-3 (2) RESULT OF WATER QUALITY (Ca, Mg)





## 水質核養結果(K)



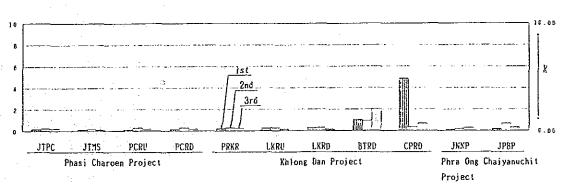
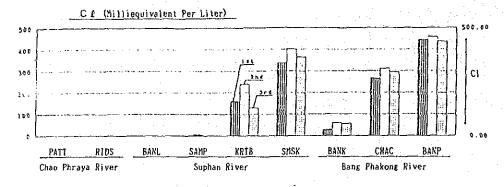
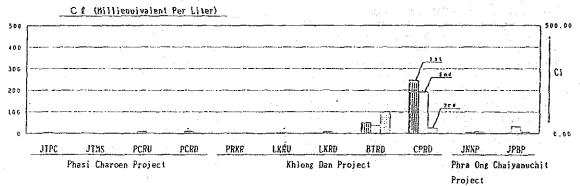
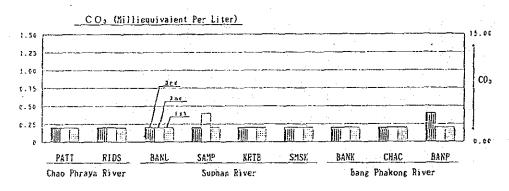


Figure 5-3 (3) RESULT OF WATER QUALITY (Na, K)





## 水質検査結果 (CO<sub>3</sub>)



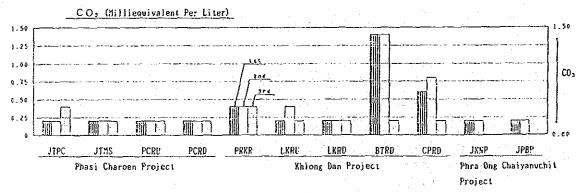
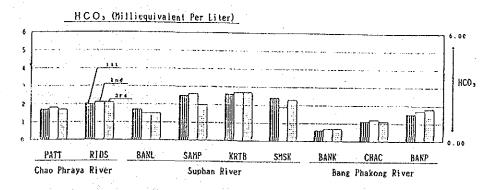
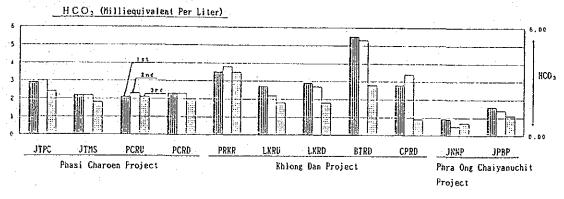
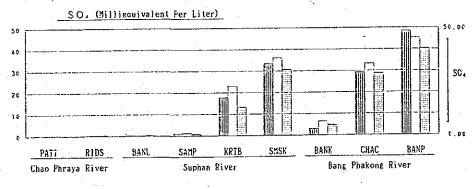


Figure 5-3 (4) RESULT OF WATER QUALITY (C1, Co3)





#### 水質検査結果 (SO<sub>4</sub>)



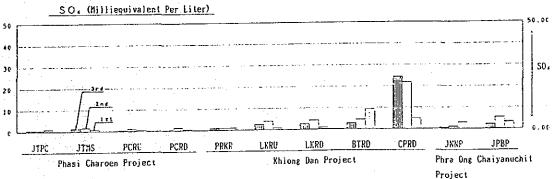
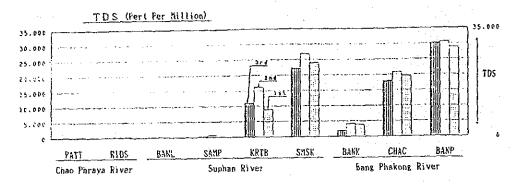
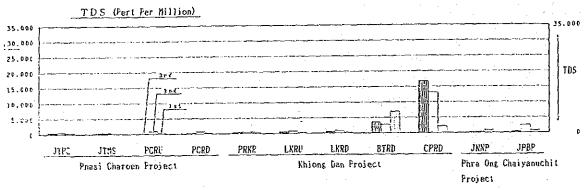
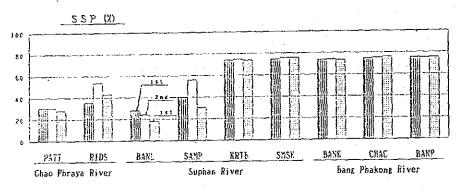


Figure 5-3 (5) RESULT OF WATER QUALITY (HCO3, SO4)





# 水質核査結果 (SSP)



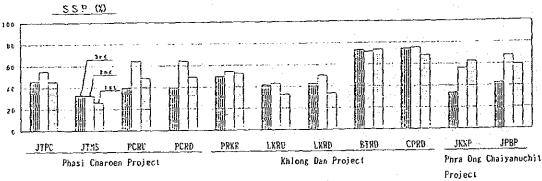
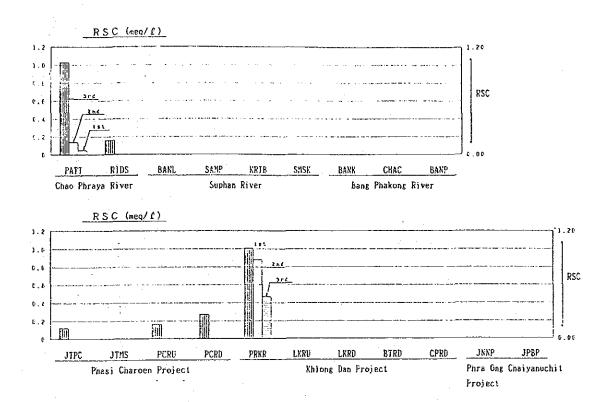


Figure 5-3 (6) RESULT OF WATER QUALITY (TDS, SSD)



## 水質検査結果(SAR)

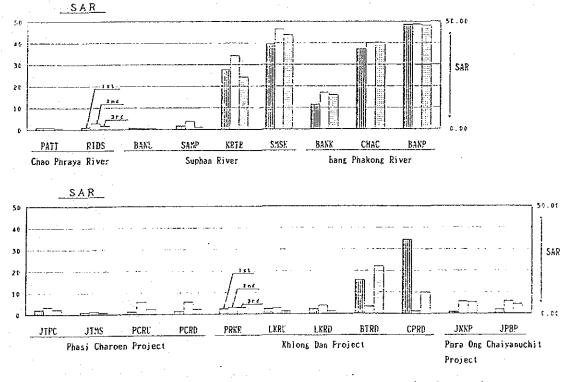
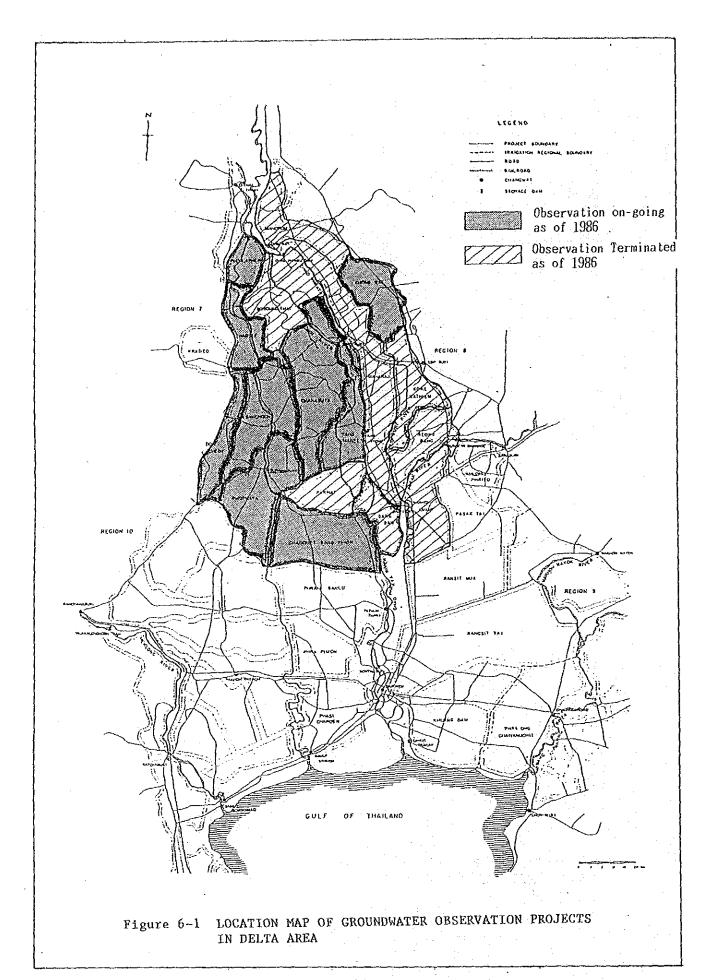
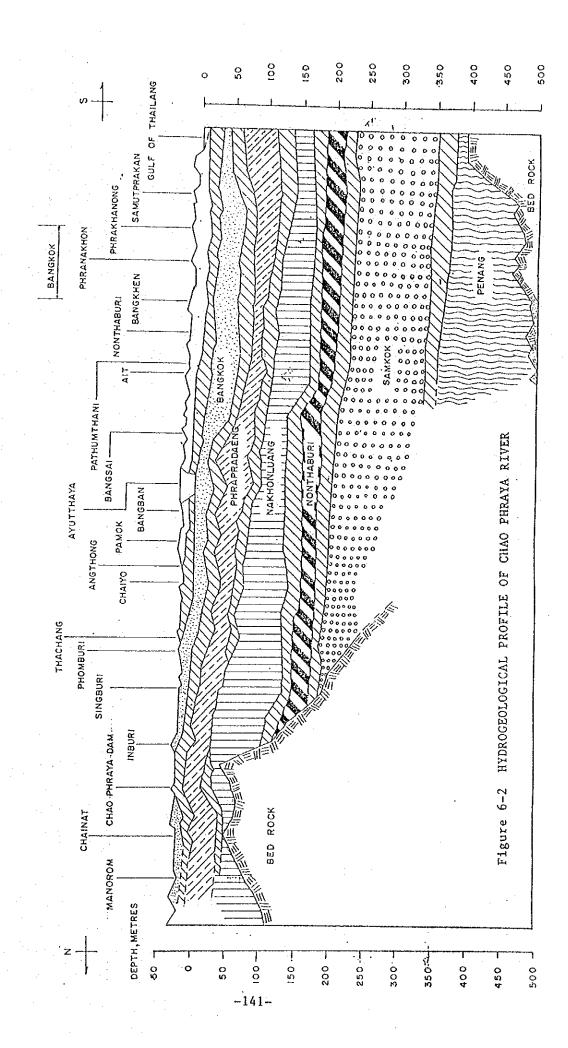


Figure 5-3 (7) RESULT OF WATER QUALITY (RSC, SAR)





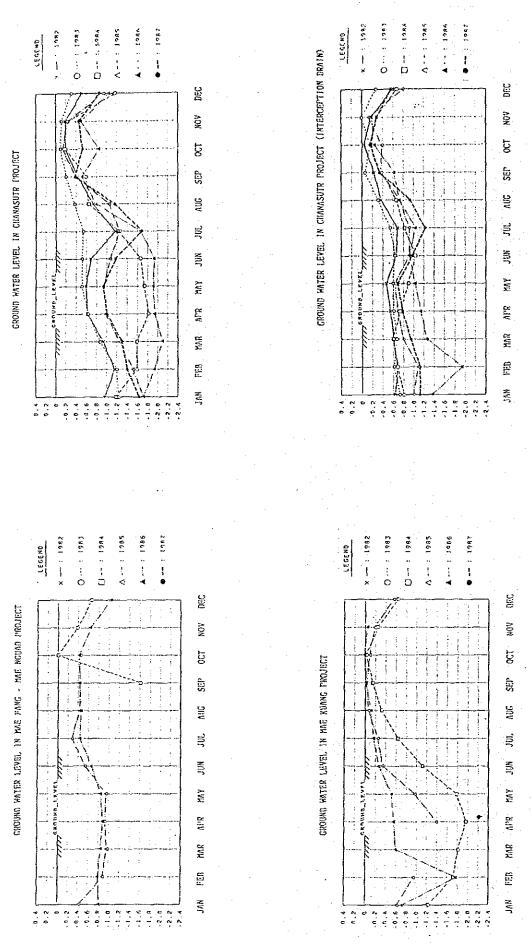


Figure 6-3 (1) FLUCTUATION OF GROUND WAIER LEVEL

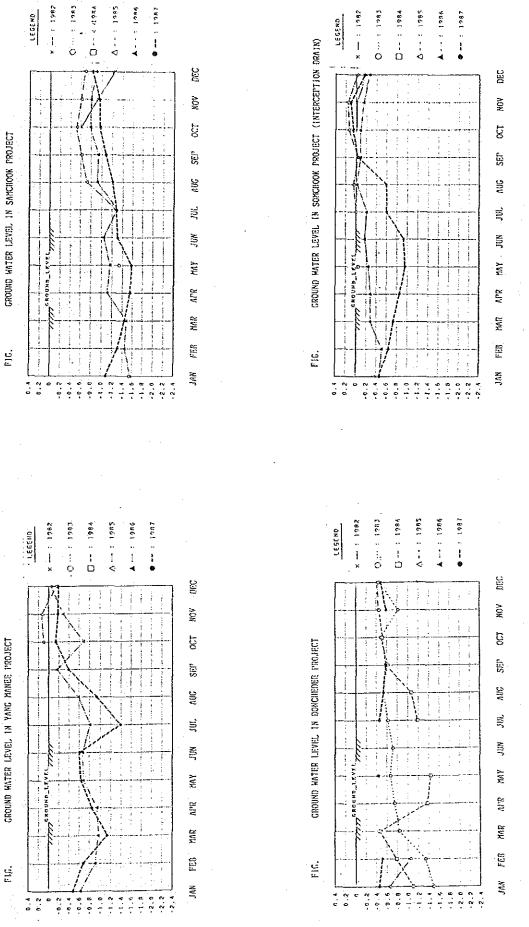


Figure 6-3 (2) FLUCTUATION OF GROUND WAIER LEVEL

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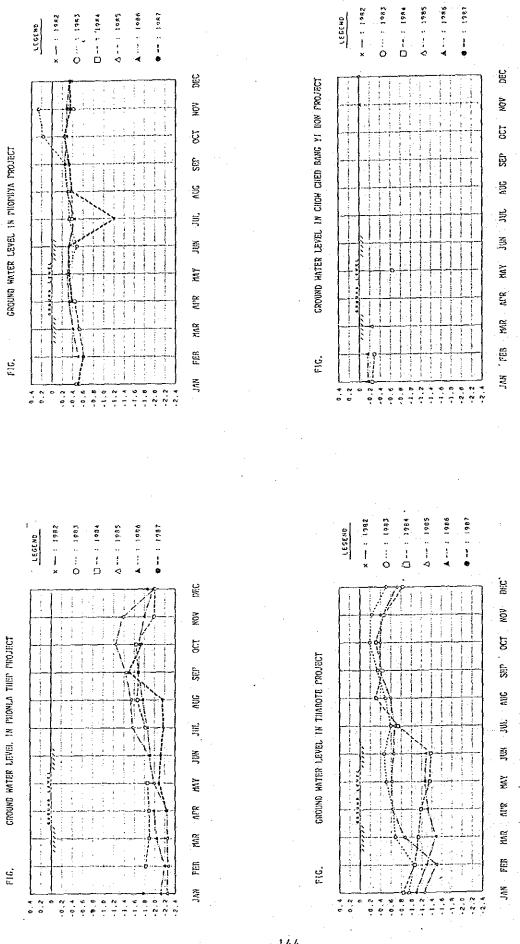
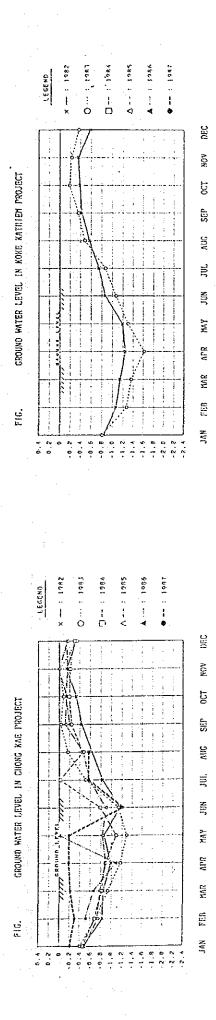


Figure 6-3 (3) FLUCTUATION OF GROUND WATER LEVEL



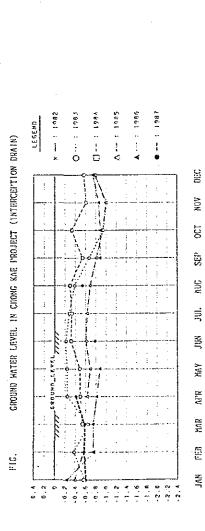


Figure 6-3 (4) FLUCTUATION OF GROUND WATER LEVEL