

STUDY ON INTEGRATED PLAN FOR FLOOD

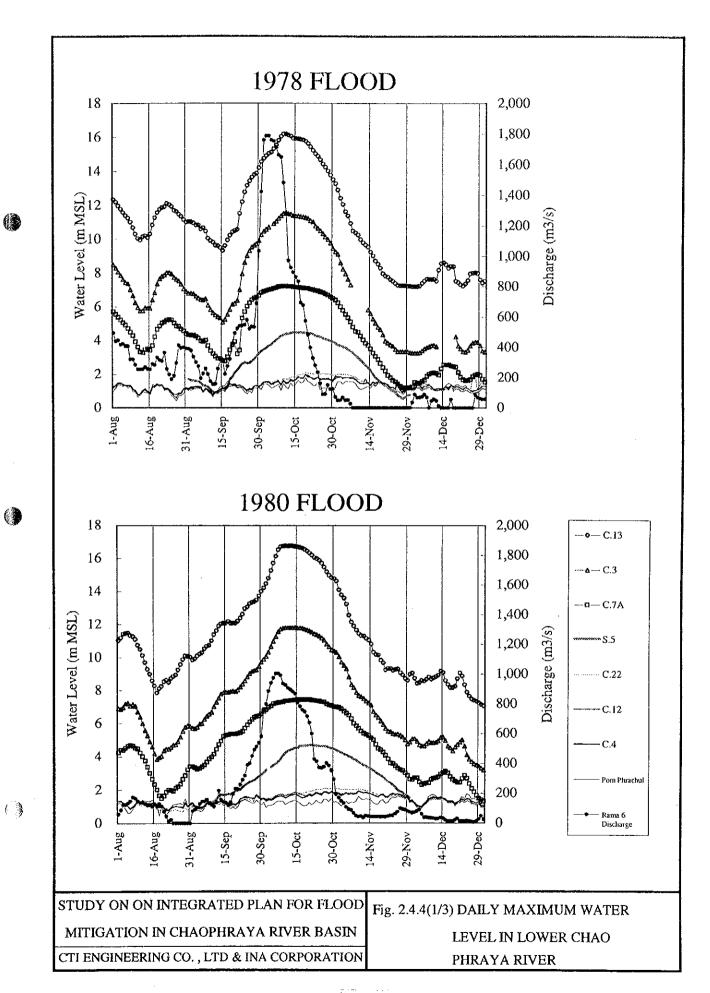
MITIGATION IN CHAO PHRAYA RIVER BASIN

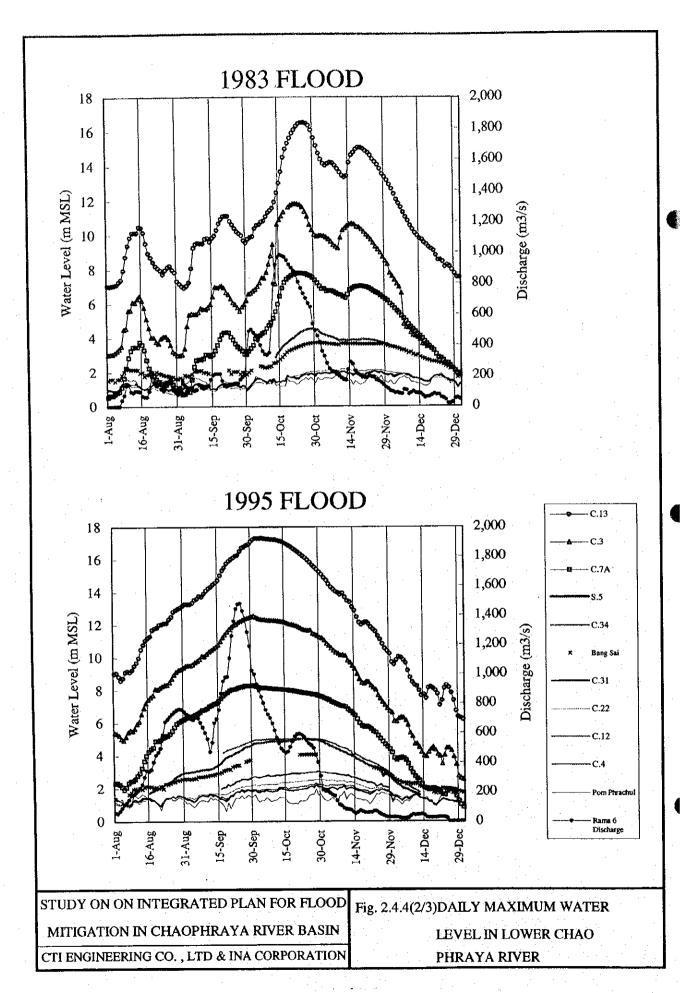
CTI ENGINEERING CO., LTD. AND INA CORPORATION

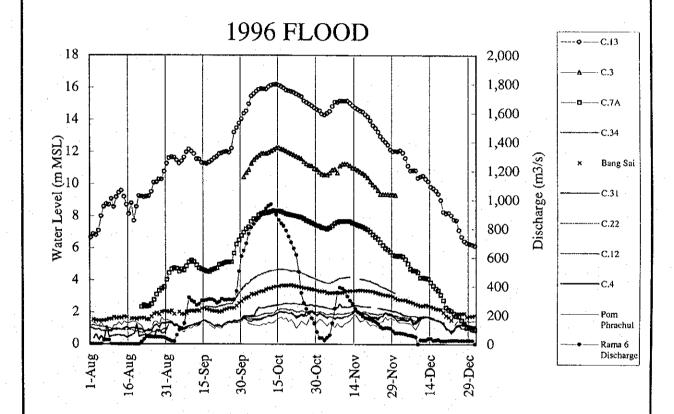
Fig. 2.4.3(2/2) TRADITION OF FLOOD

INUNDATION AREA IN 1995 BY

NOAA FALSE COLOP IMAGE





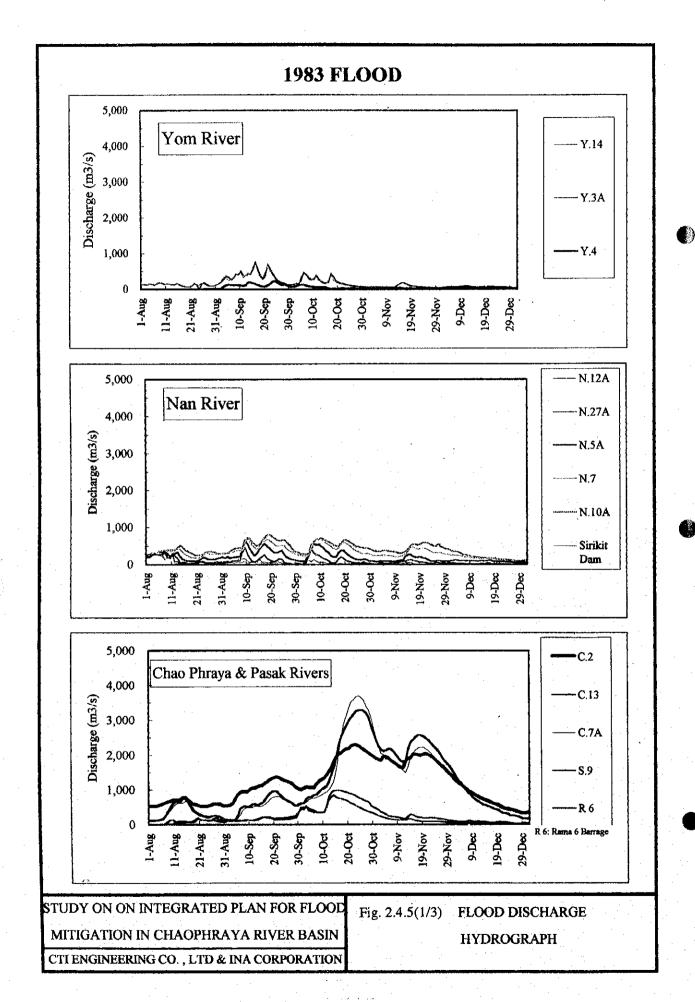


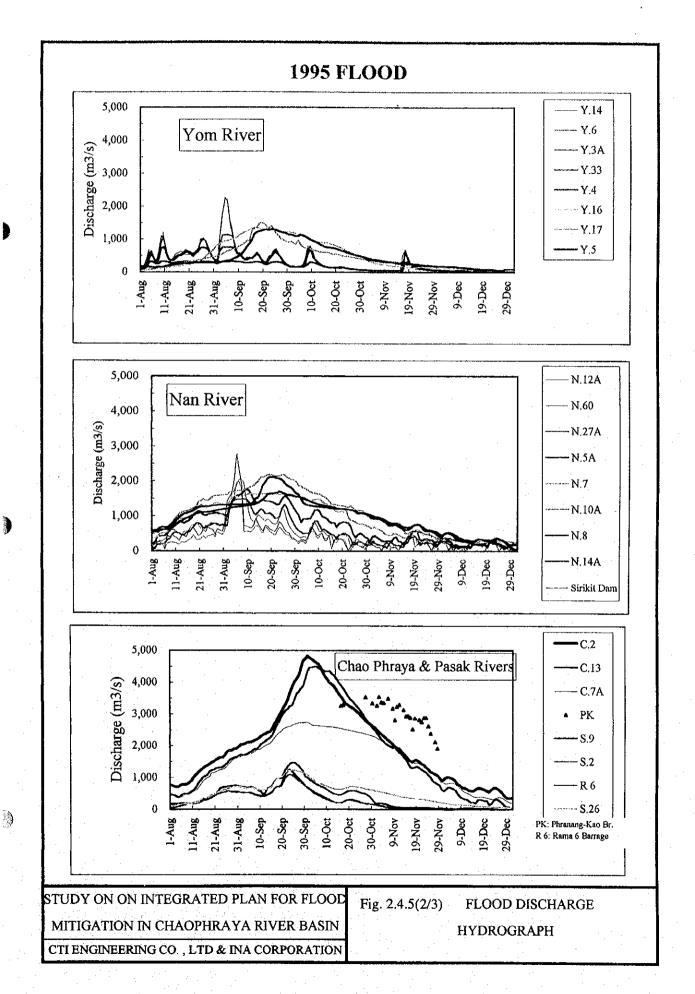
STUDY ON ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAOPHRAYA RIVER BASIN CTI ENGINEERING CO., LTD & INA CORPORATION

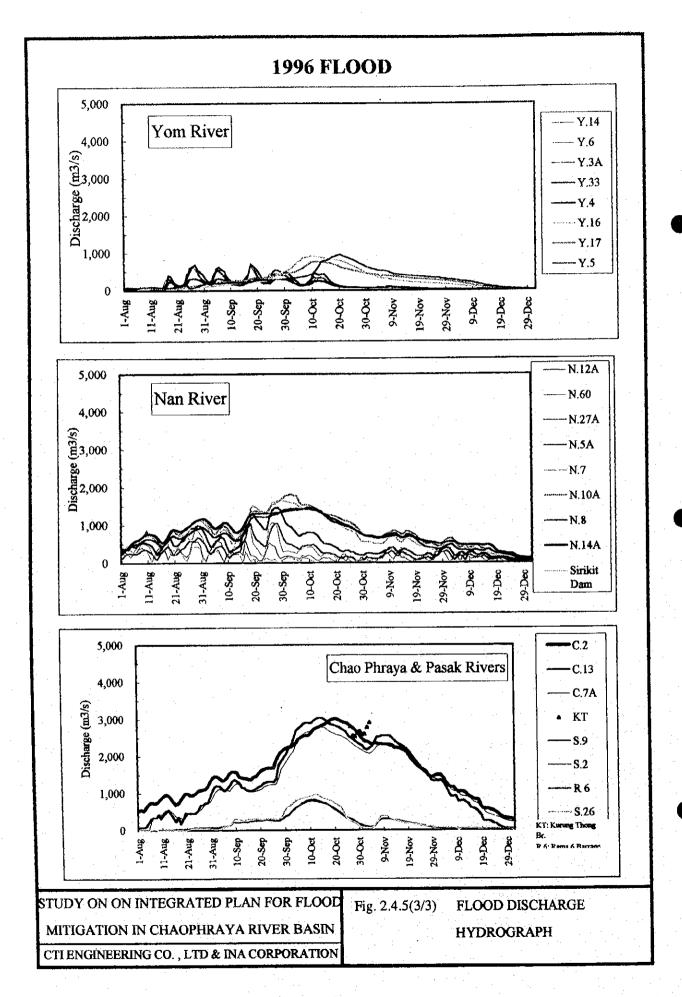
Fig. 2.4.4(3/3) DAILY MAXIMUM WATER

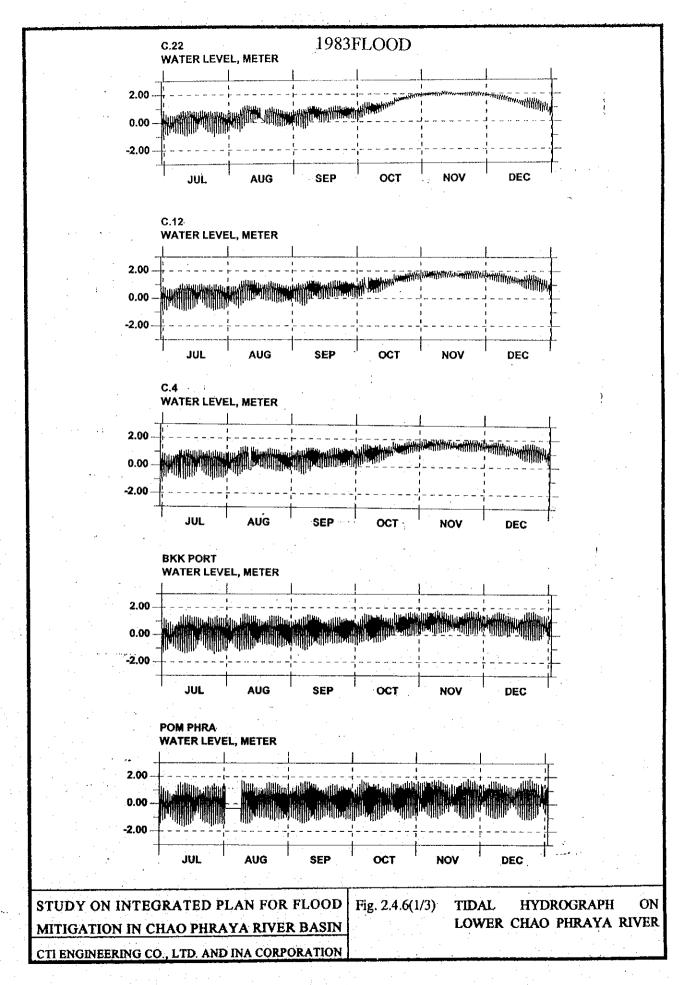
LEVEL IN LOWER CHAO

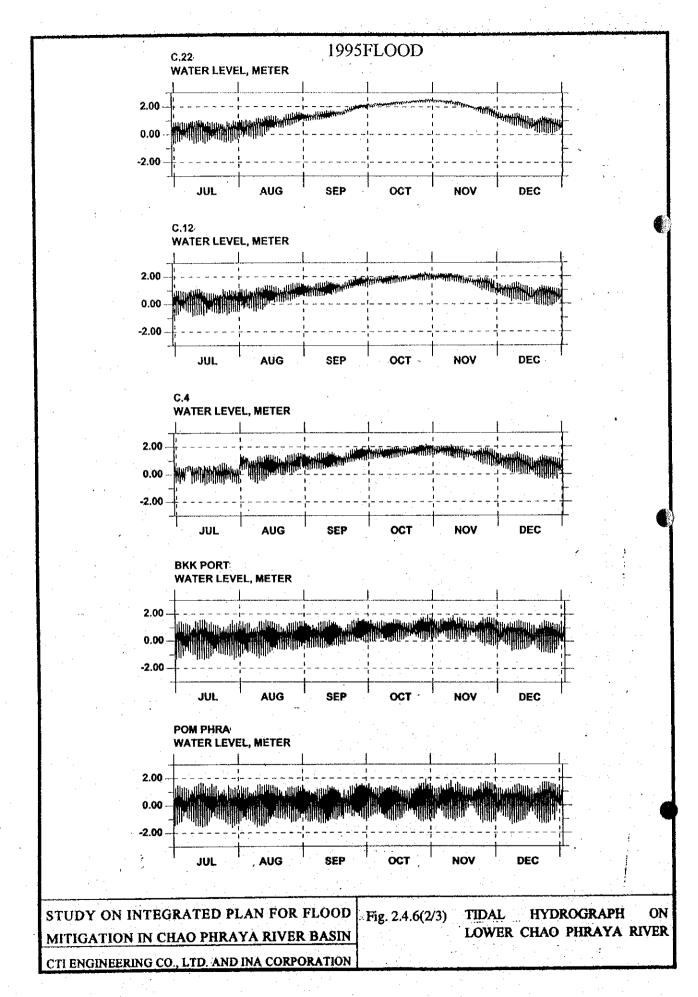
PHRAYA RIVER

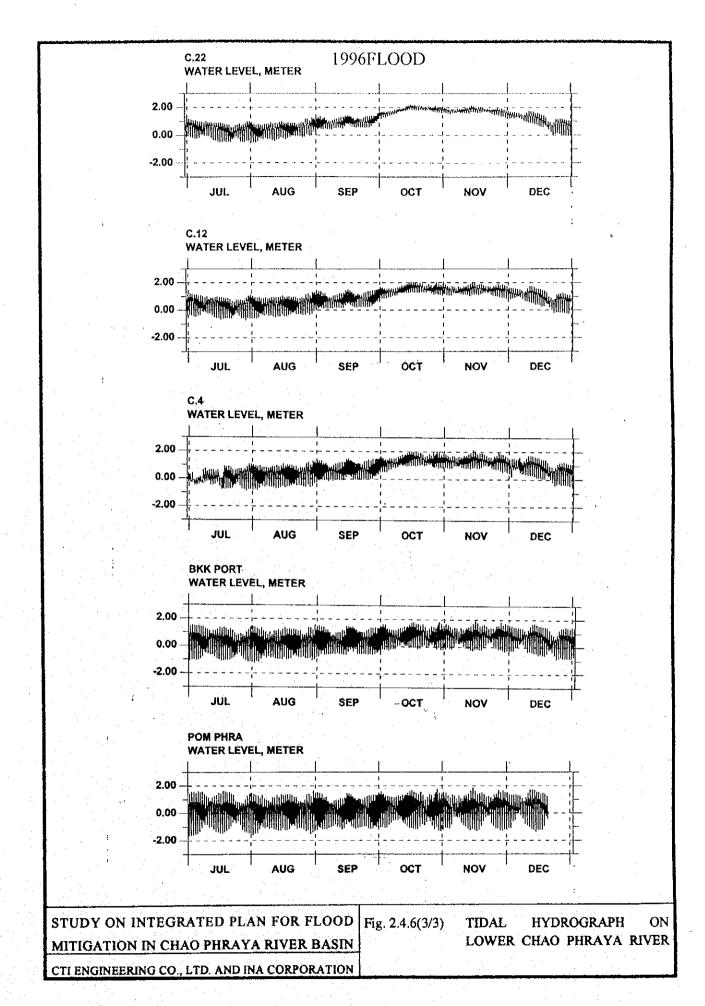




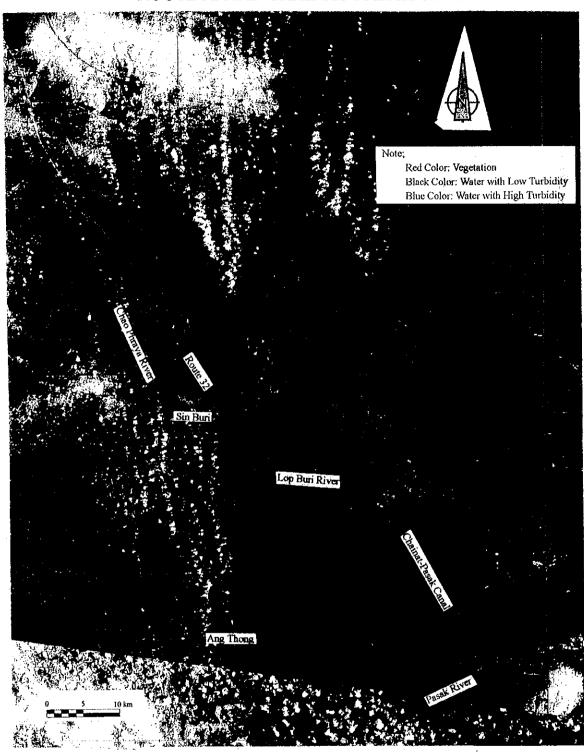








## **ROUTE 32 AND CHAINAT-PASAK CANAL**



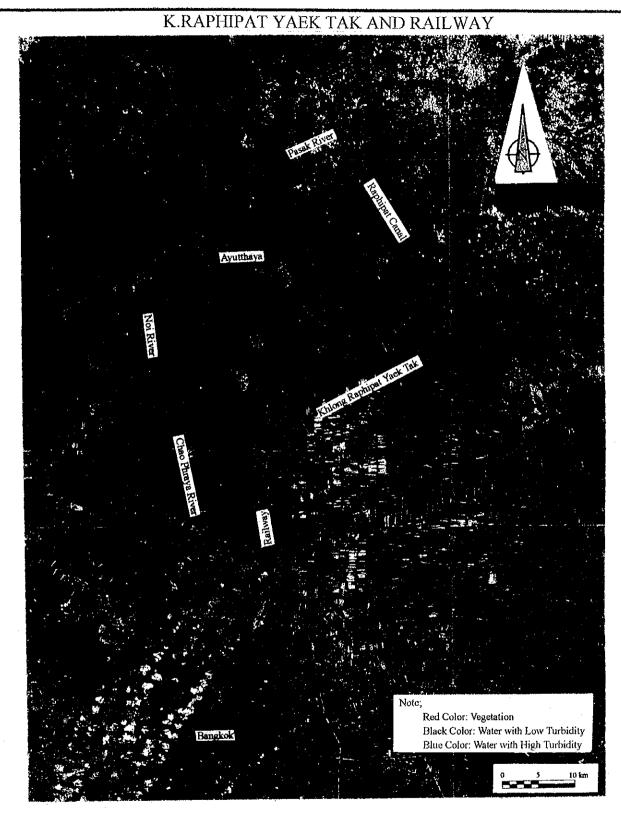
Landsat TM False Color Image (1995.Oct.12)

STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

CTI ENGINEERING CO., LTD. AND INA CORPORATION

Fig. 2.4.7(1/2)

EMBANKMENT AFFECTING FLOODING CONDITION



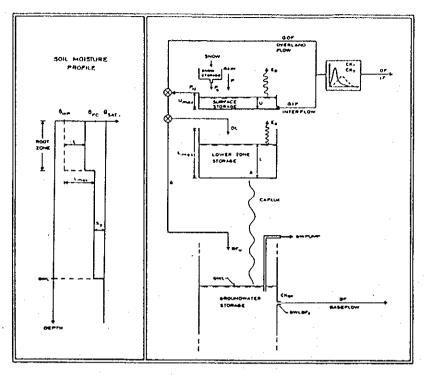
Landsat TM False Color Image (1996.Nov.15)

STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN CTI ENGINEERING CO., LTD. AND INA CORPORATION

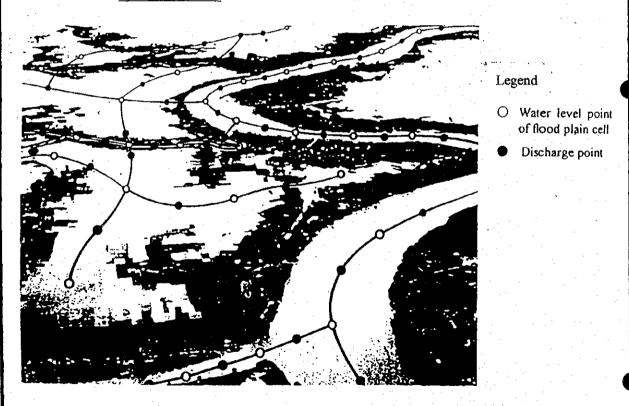
1

Fig. 2.4.7(2/2)

EMBANKMENT AFFECTING FLOODING CONDITION



a) NAM Model

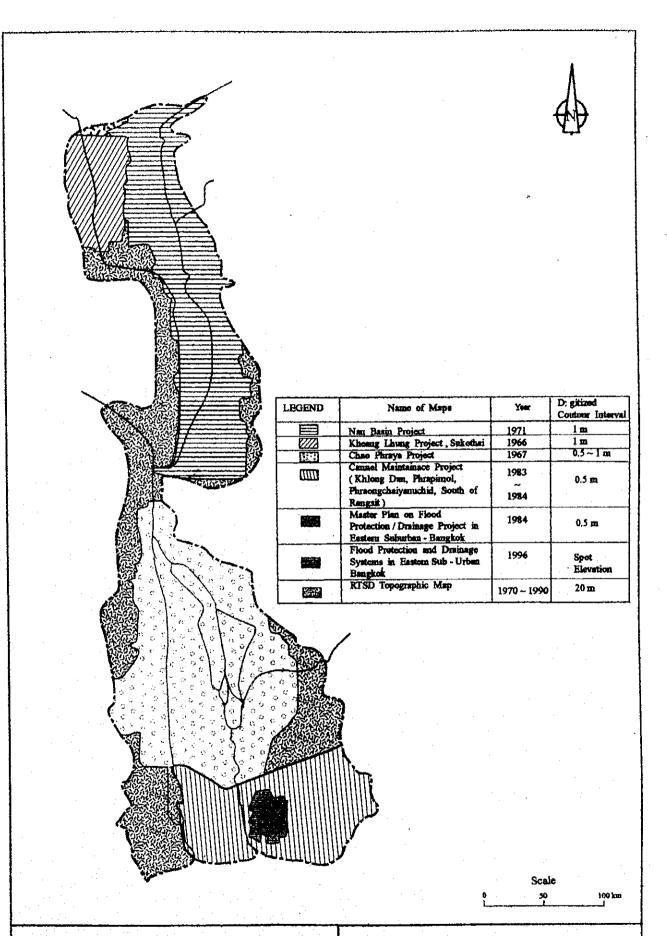


b) Modeling of River Network and Flood Plain by HD Module

Source: "Brochure of MIKELL, DHI"

STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN CTI ENGINEERING CO., LTD. AND INA CORPORATION

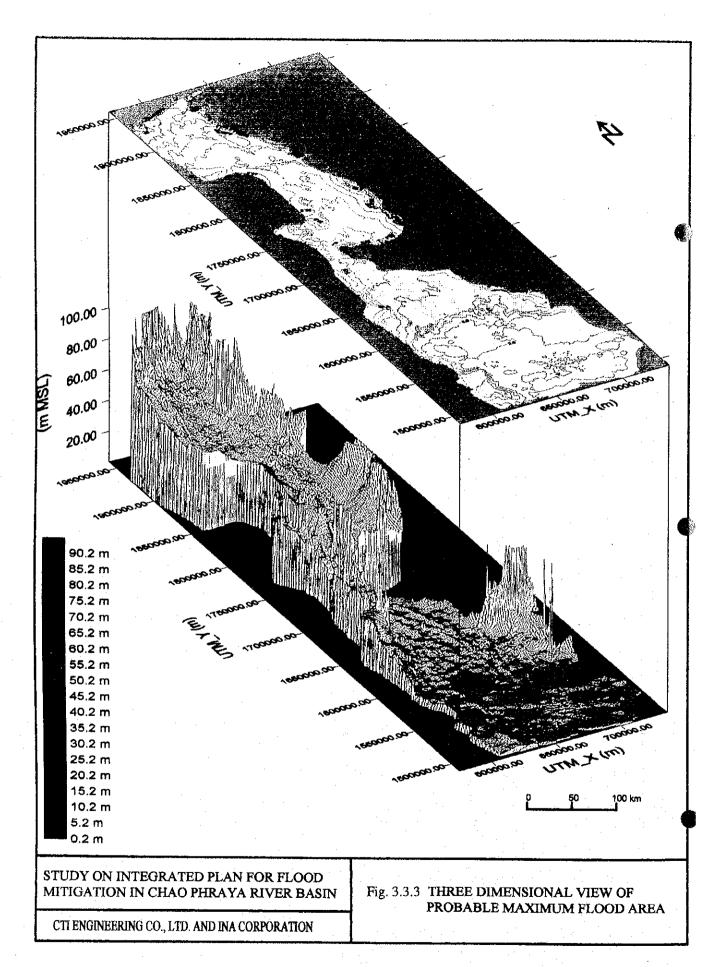
Fig. 3.3.1 NAM MODULE STRUCTURE AND MODELING OF RIVER NETWORK AND FLOOD PLAIN

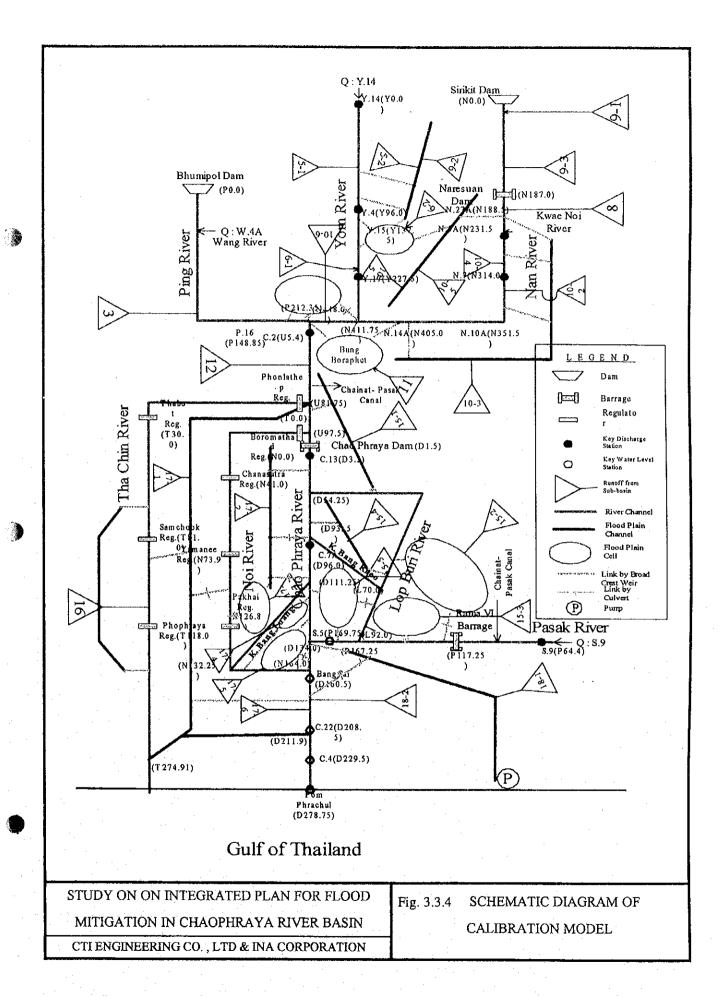


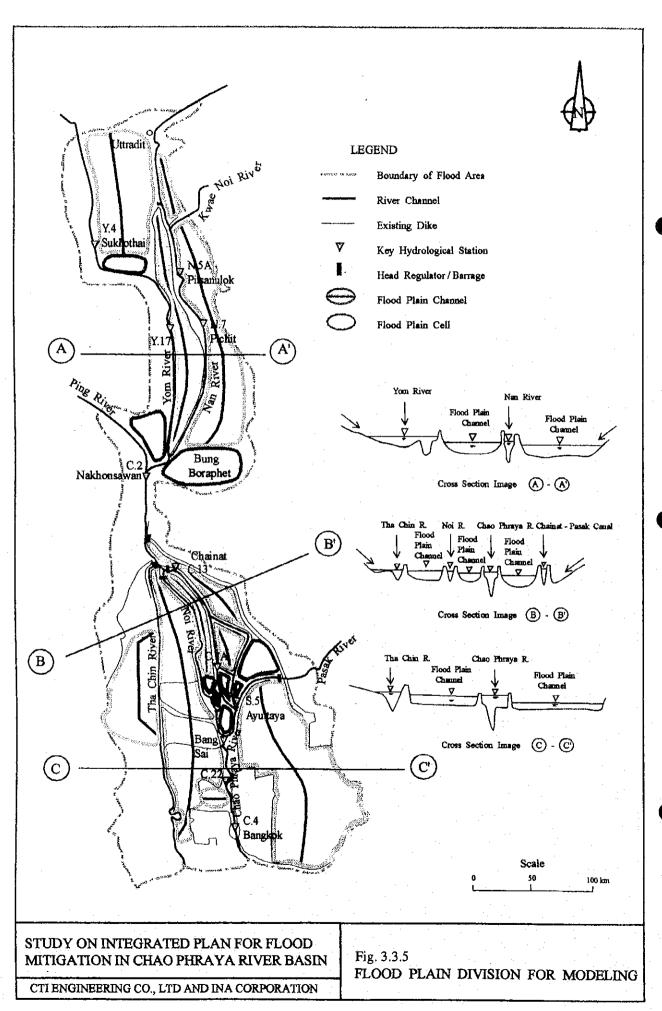
STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

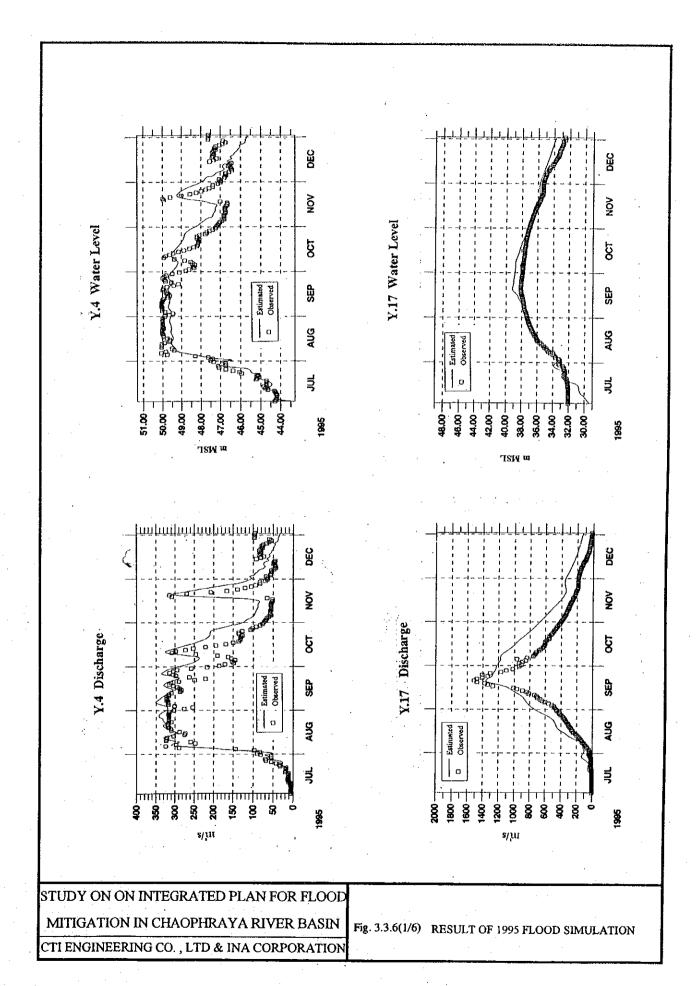
CTI ENGINEERING CO., LTD AND INA CORPORATION

Fig. 3.3.2 INDEX OF TOPOGRAPHIC MAPS

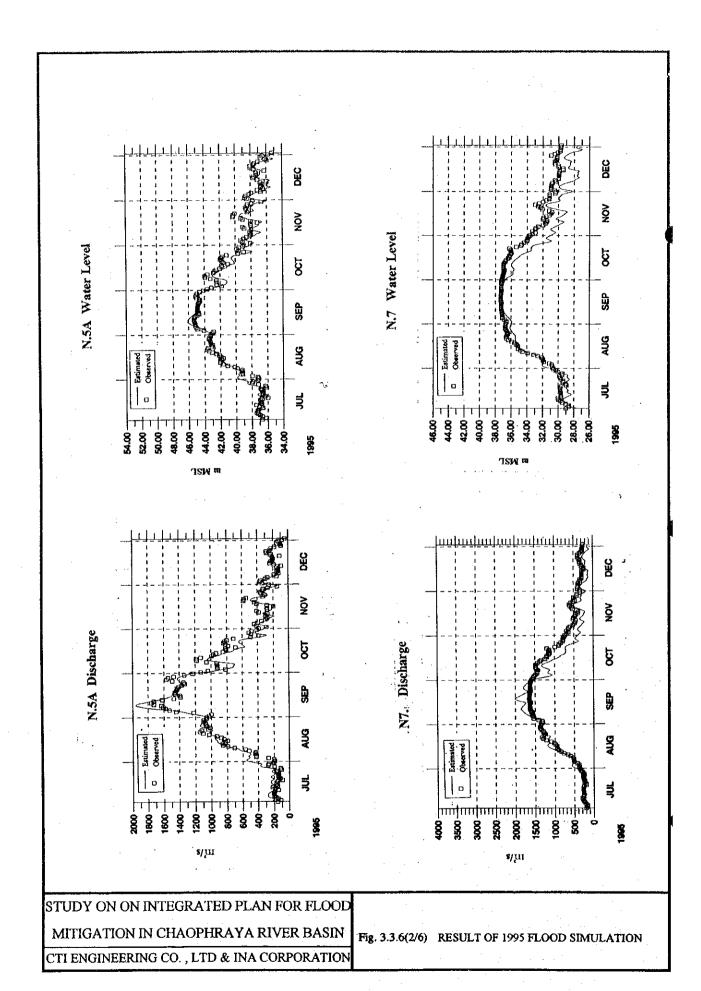




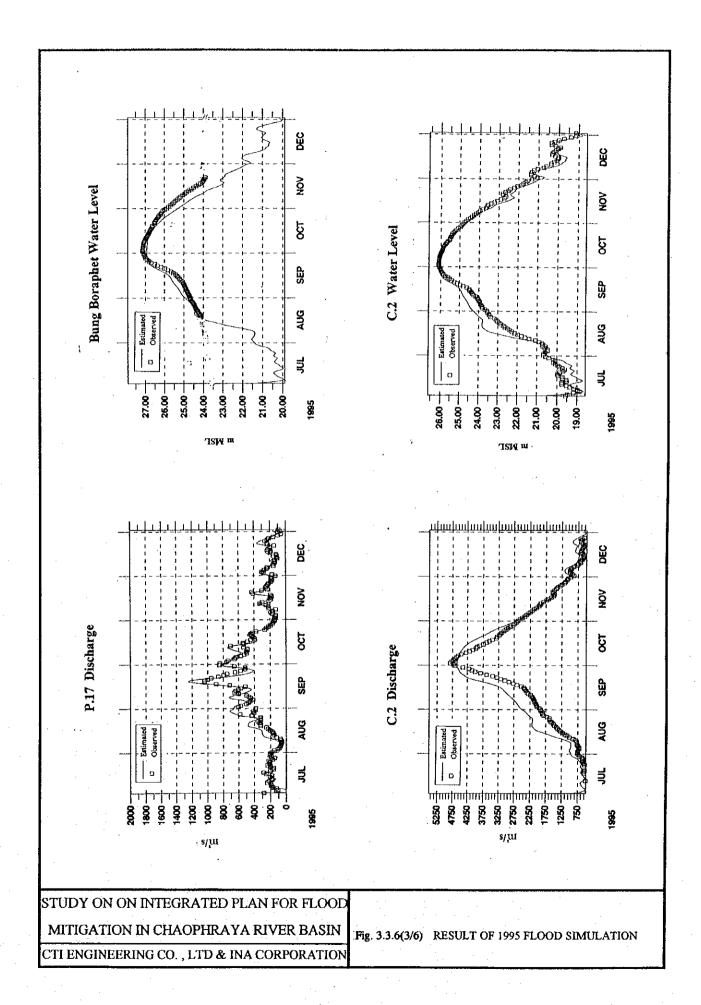


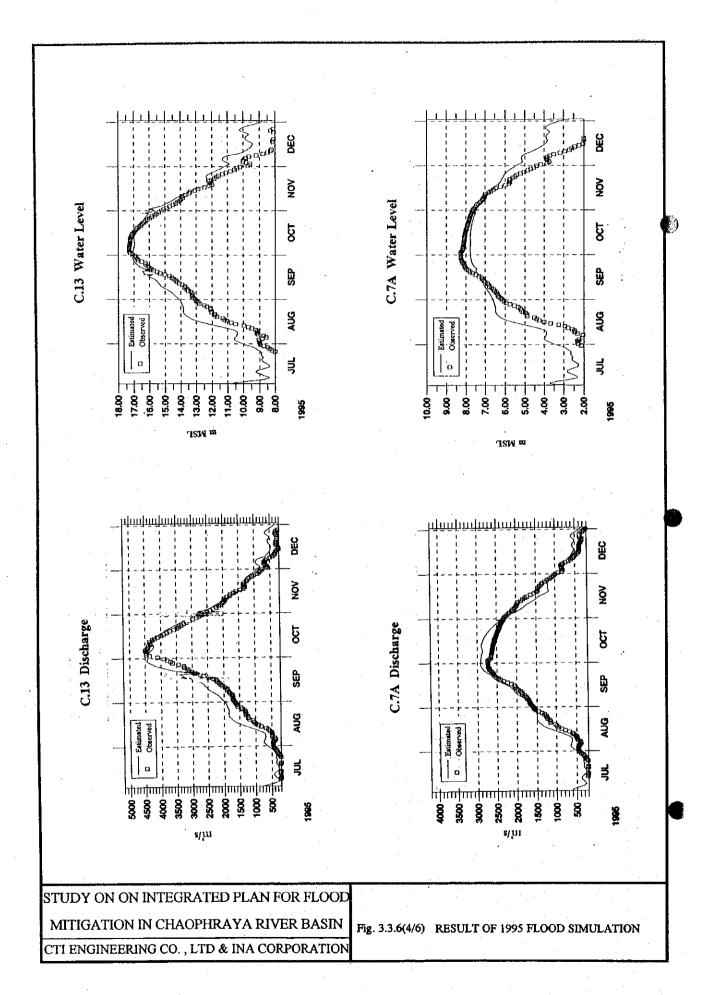


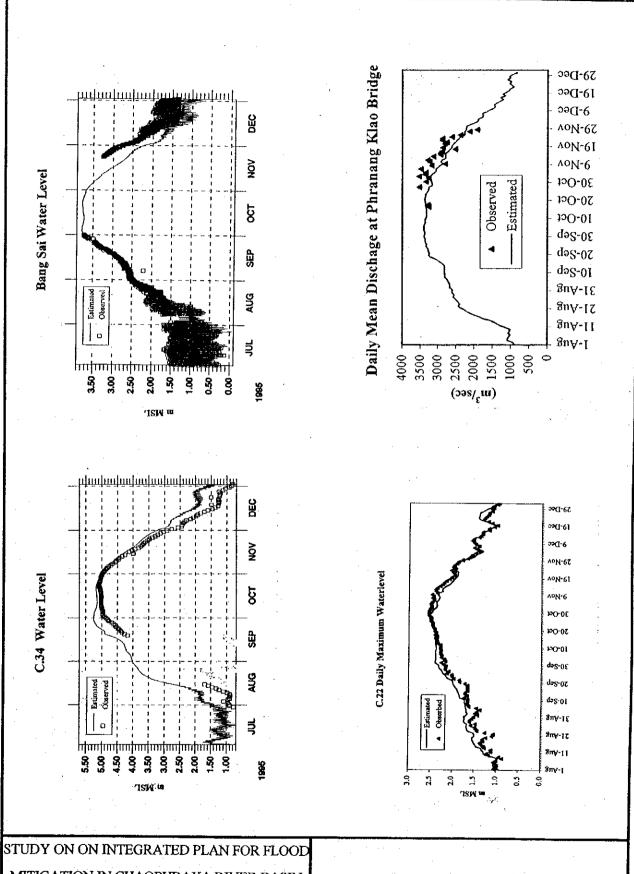
I-F- 53



I-F- 54

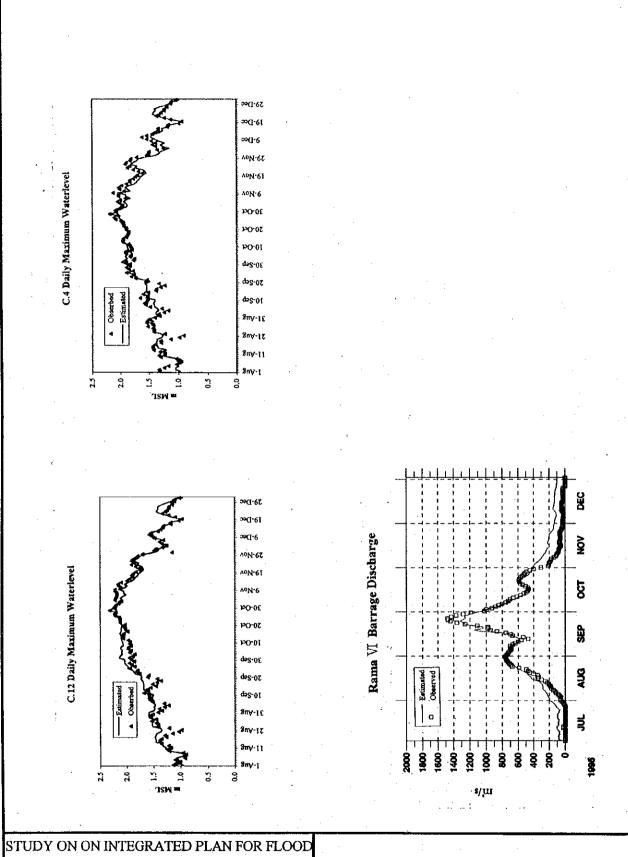






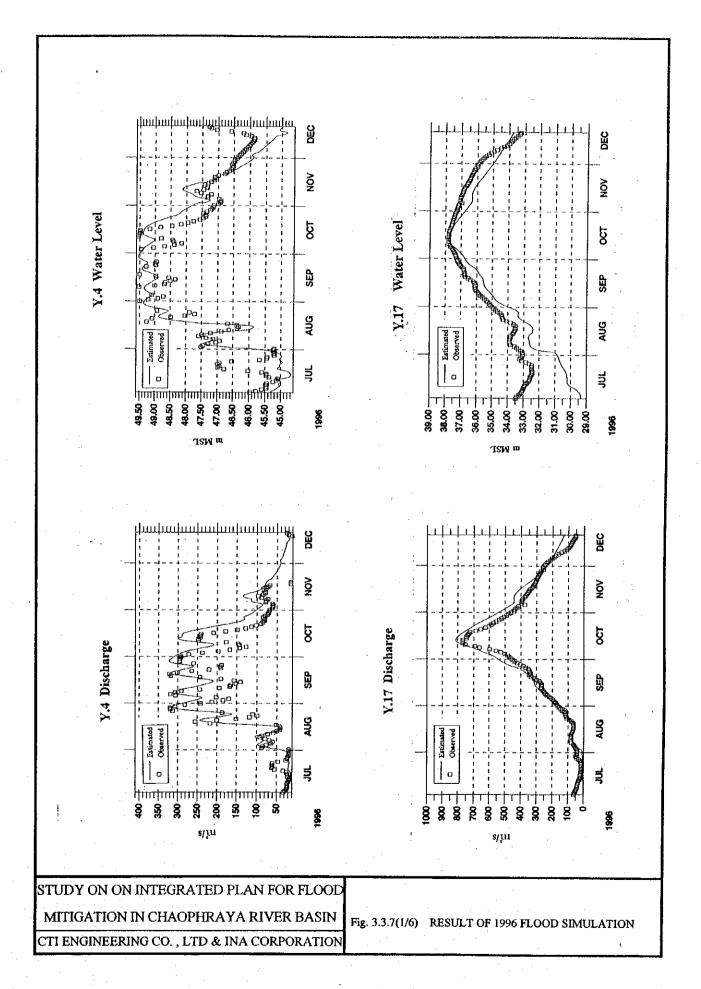
MITIGATION IN CHAOPHRAYA RIVER BASIN
CTI ENGINEERING CO., LTD & INA CORPORATION

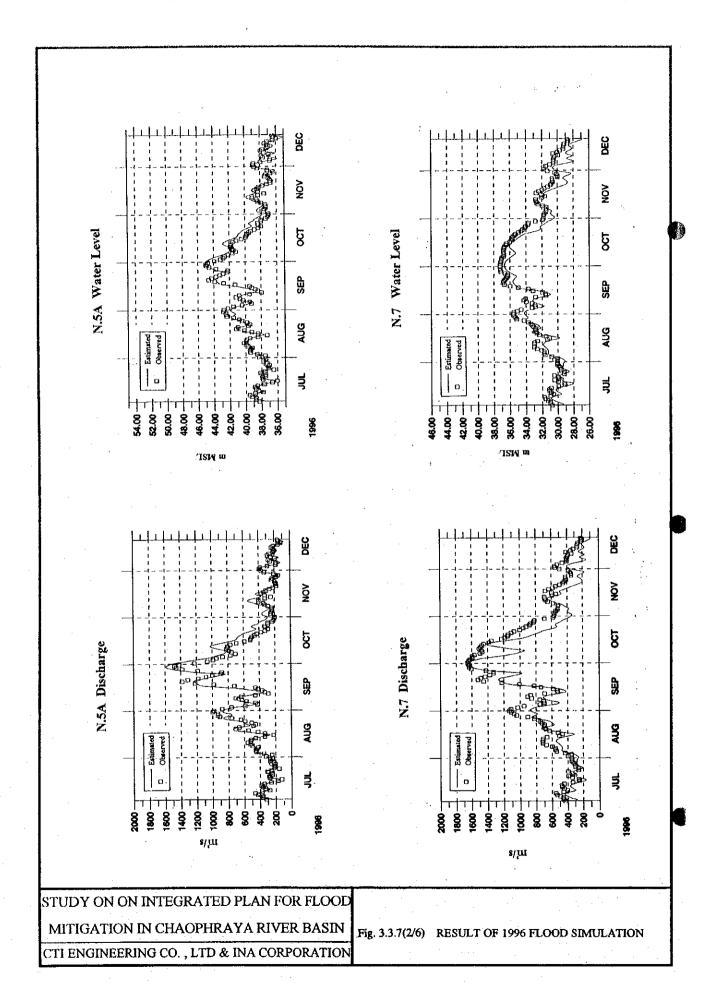
Fig. 3.3.6(5/6) RESULT OF 1995 FLOOD SIMULATION



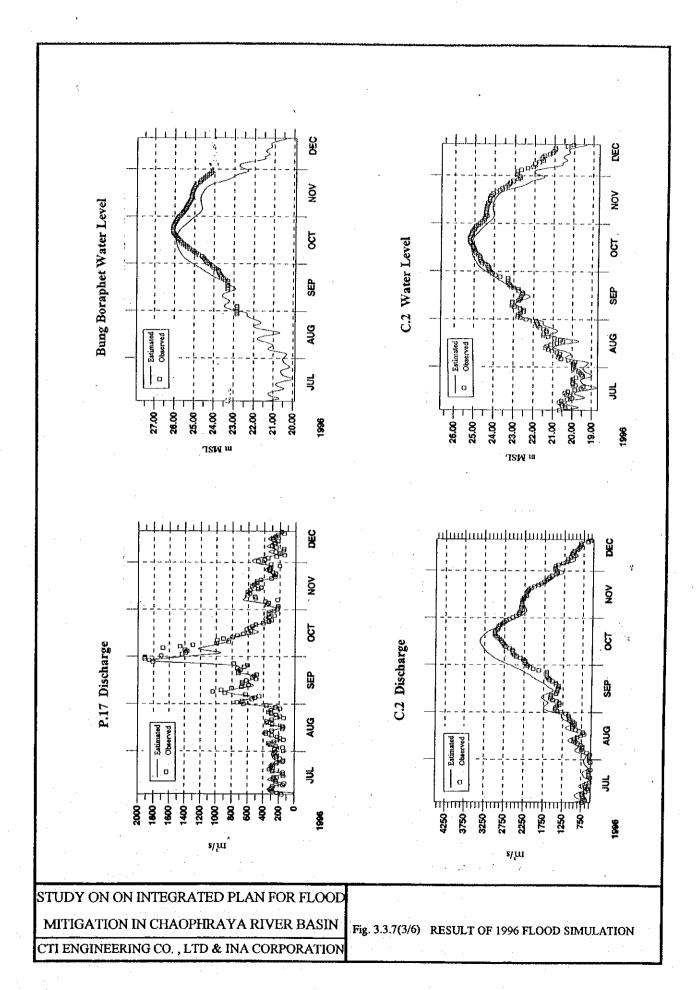
STUDY ON ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAOPHRAYA RIVER BASIN CTI ENGINEERING CO., LTD & INA CORPORATION

Fig. 3.3.6(6/6) RESULT OF 1995 FLOOD SIMULATION

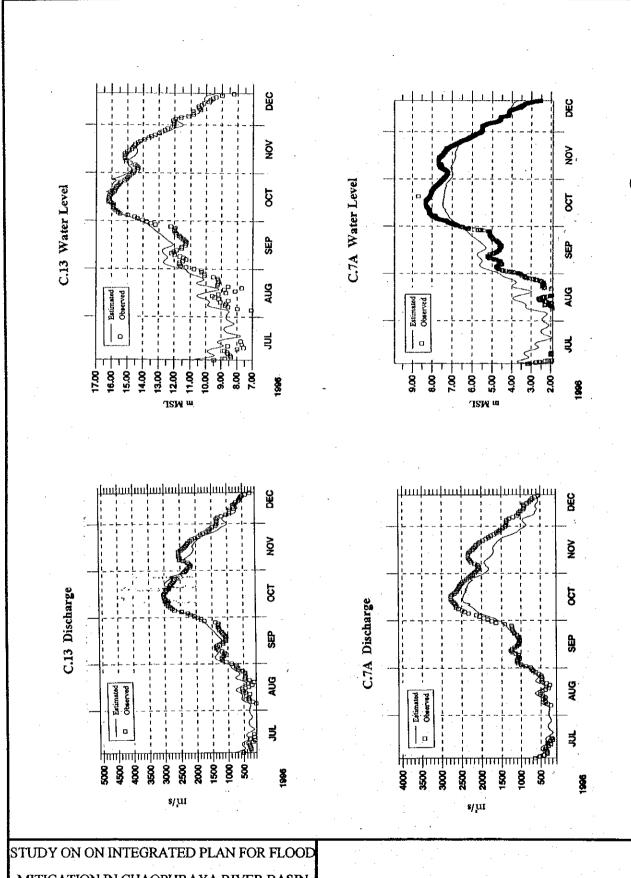




I-F- 60:

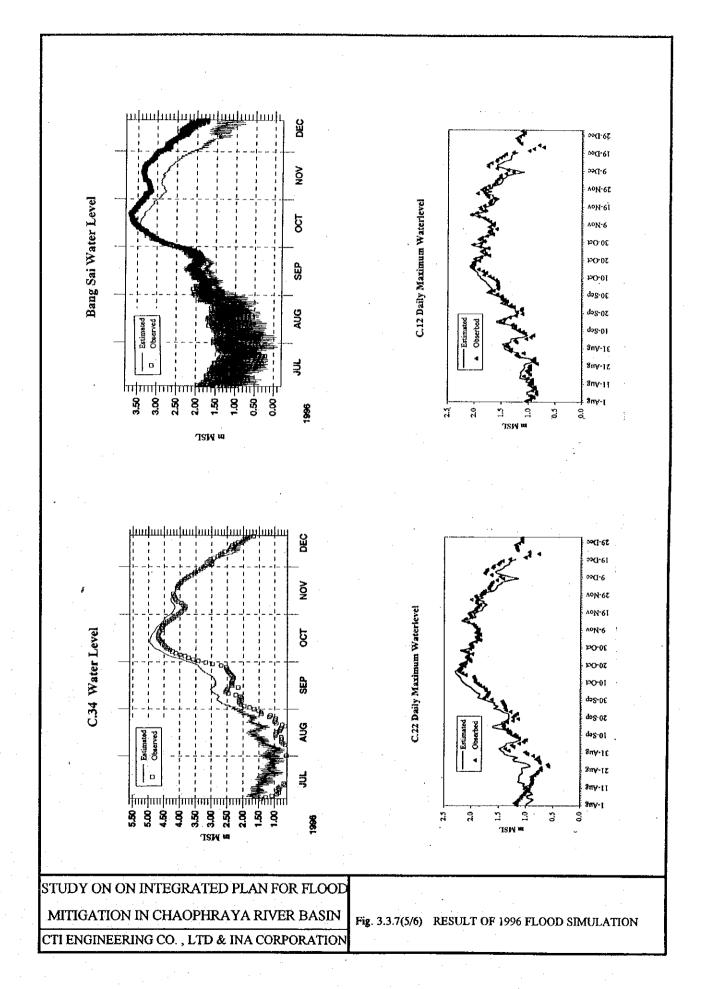


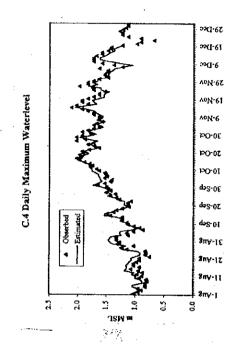
I-F- 61

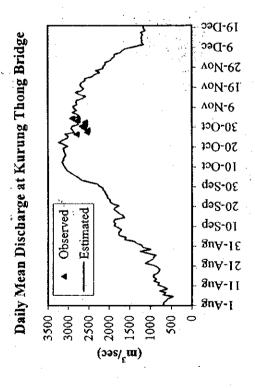


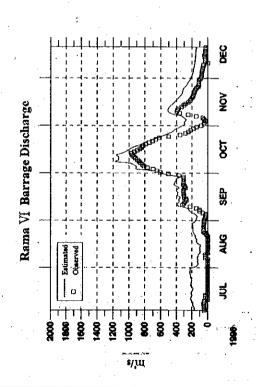
MITIGATION IN CHAOPHRAYA RIVER BASIN CTI ENGINEERING CO. , LTD & INA CORPORATION

Fig. 3.3.7(4/6) RESULT OF 1996 FLOOD SIMULATION



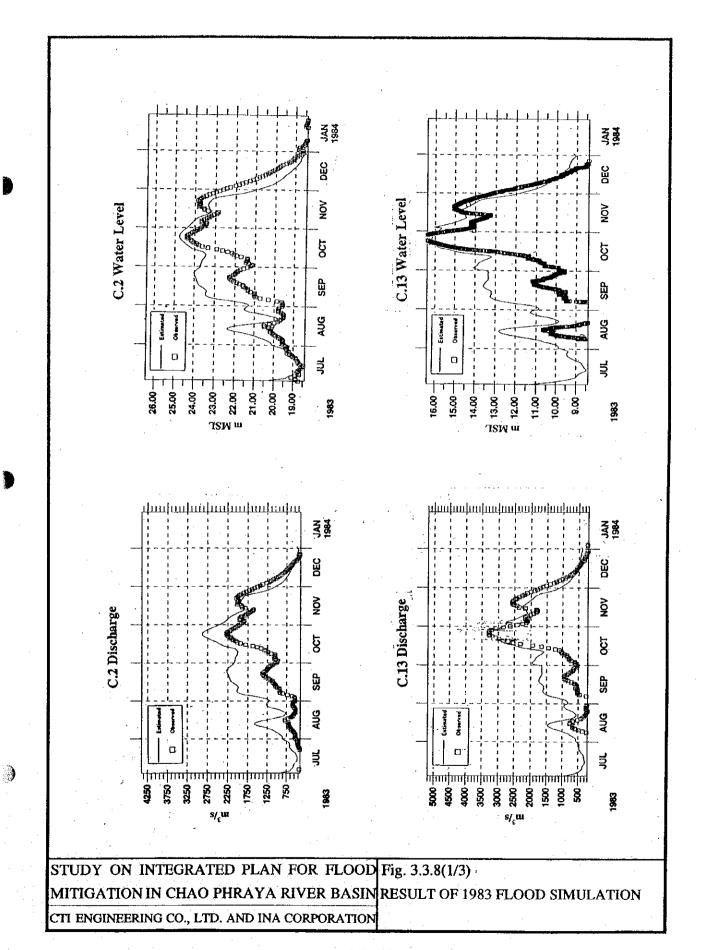


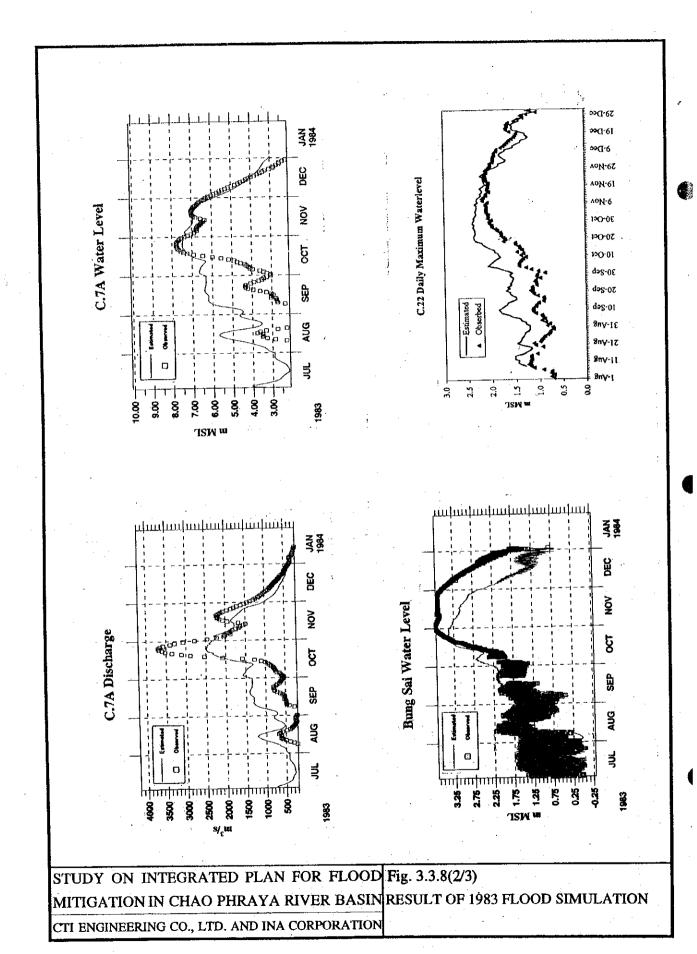


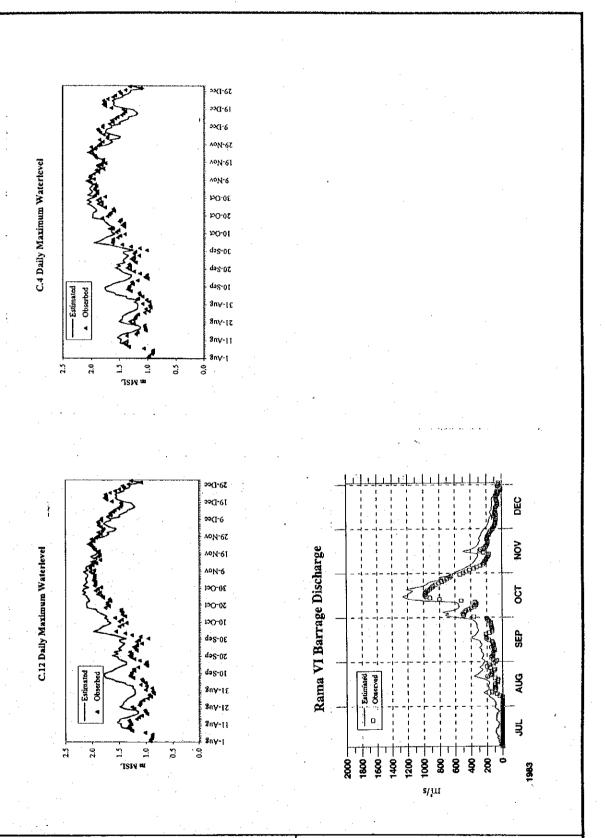


STUDY ON ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAOPHRAYA RIVER BASIN CTI ENGINEERING CO., LTD & INA CORPORATION

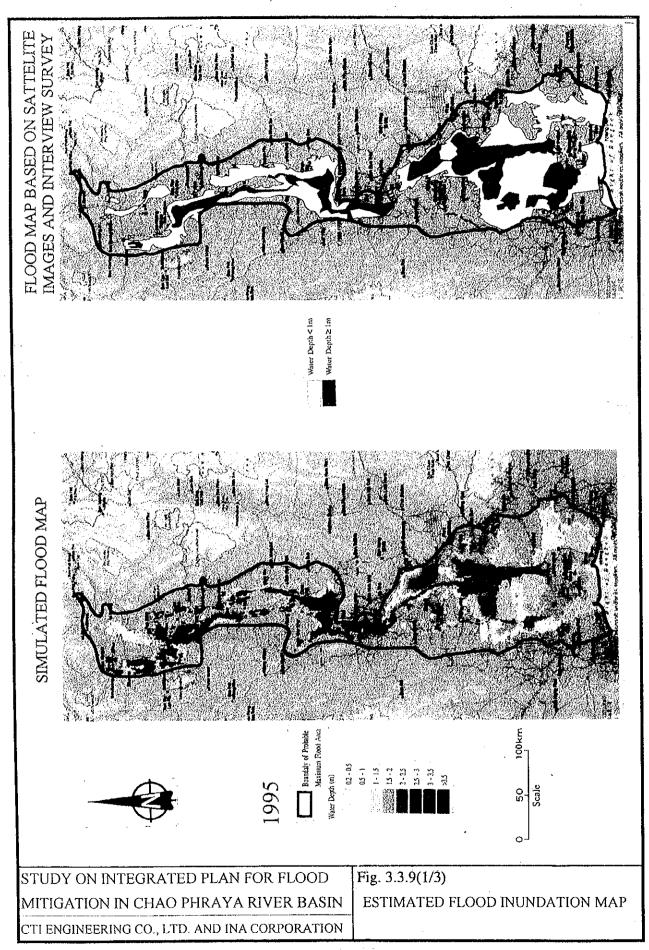
Fig. 3.3.7(6/6) RESULT OF 1996 FLOOD SIMULATION

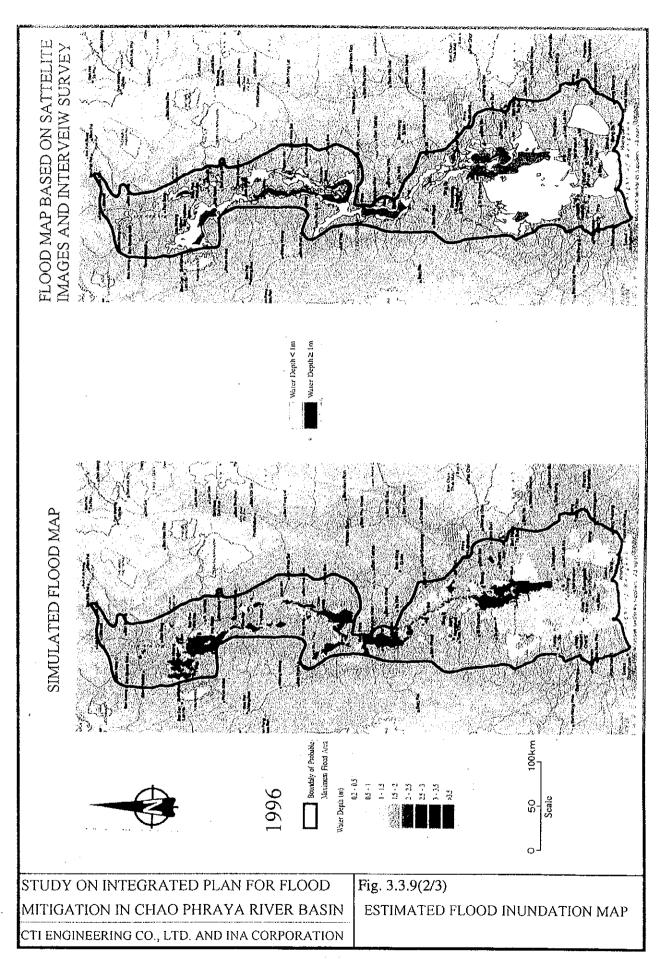


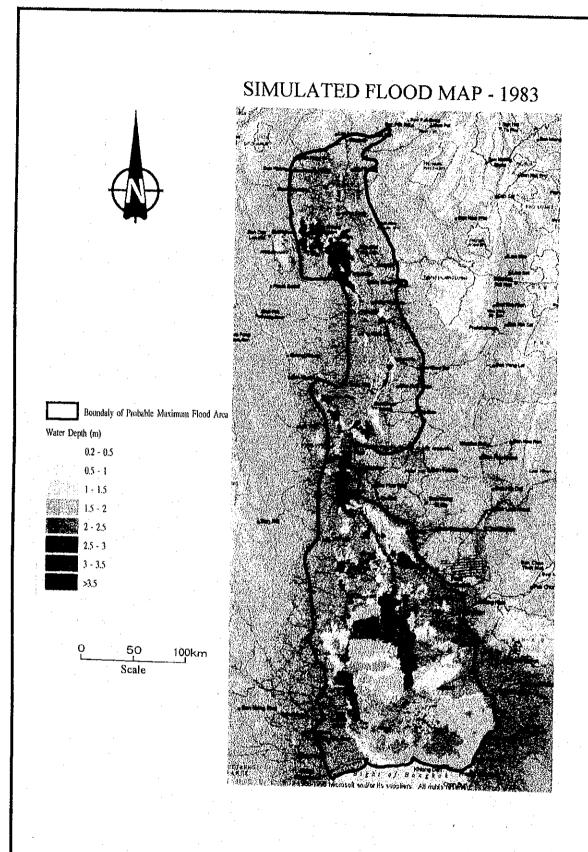




STUDY ON INTEGRATED PLAN FOR FLOOD Fig. 3.3.8(3/3)
MITIGATION IN CHAO PHRAYA RIVER BASIN RESULT OF 1983 FLOOD SIMULATION
CTI ENGINEERING CO., LTD. AND INA CORPORATION

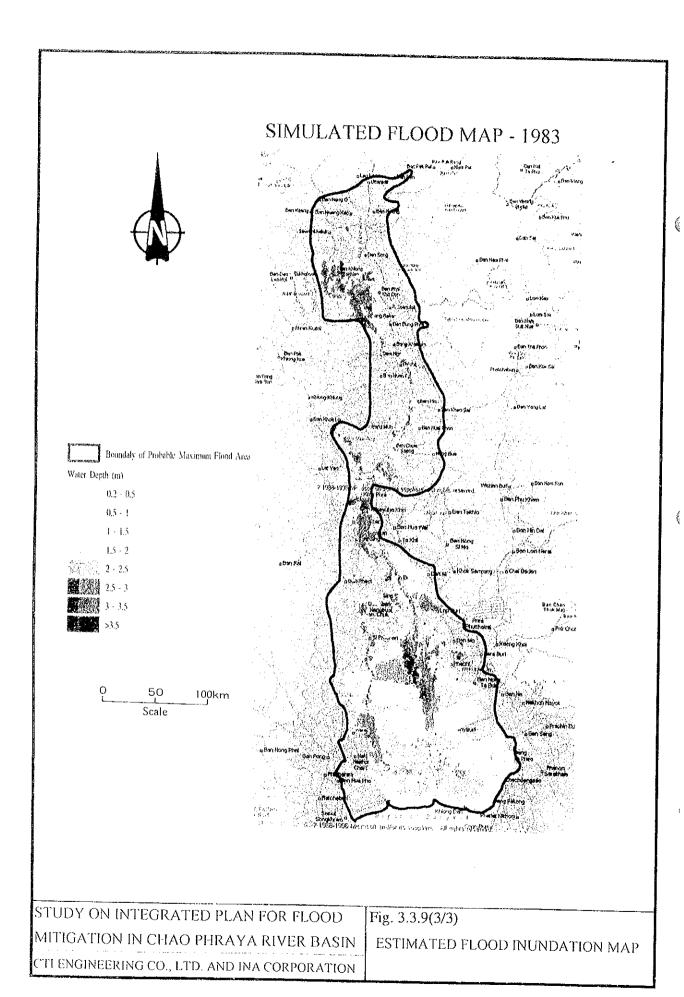






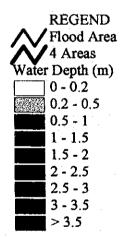
STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN CTI ENGINEERING CO., LTD. AND INA CORPORATION

Fig. 3.3.9(3/3)
ESTIMATED FLOOD INUNDATION MAP









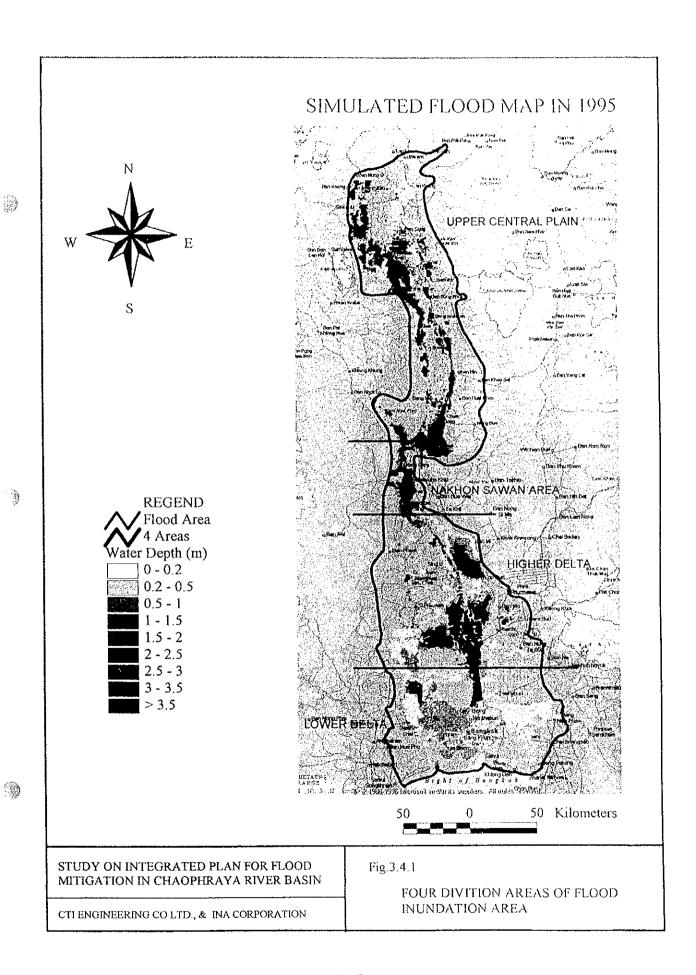


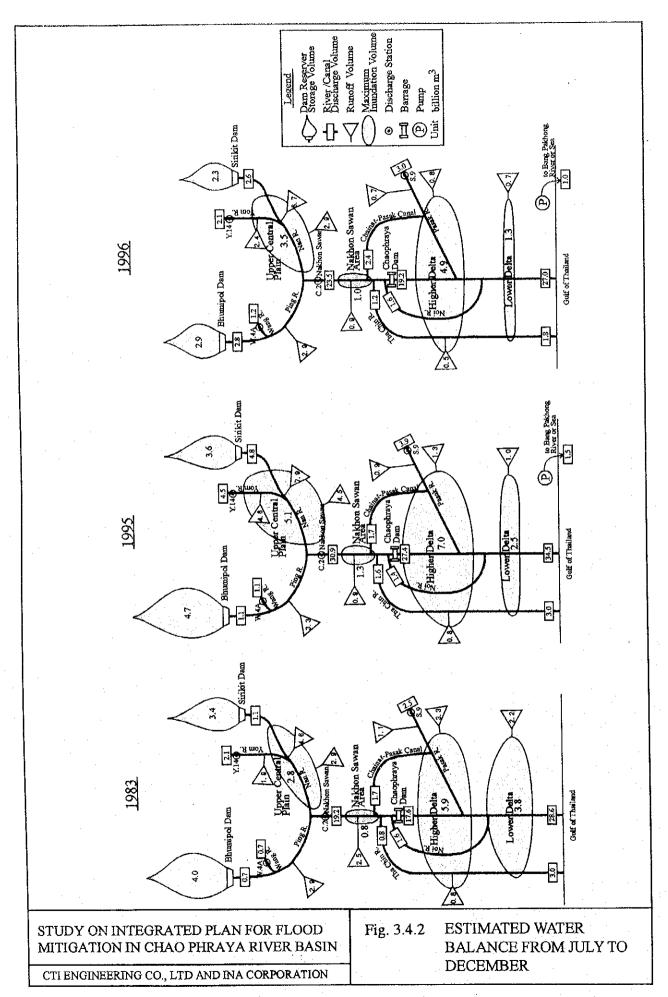
STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAOPHRAYA RIVER BASIN

CTI ENGINEERING CO LTD., & INA CORPORATION

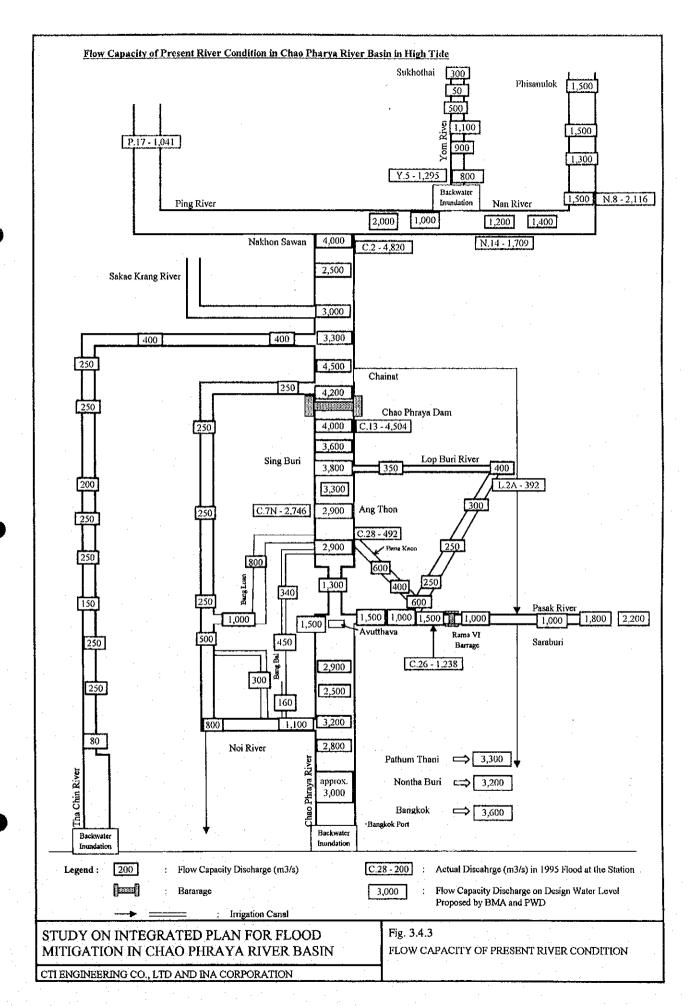
Fig.3.4.1

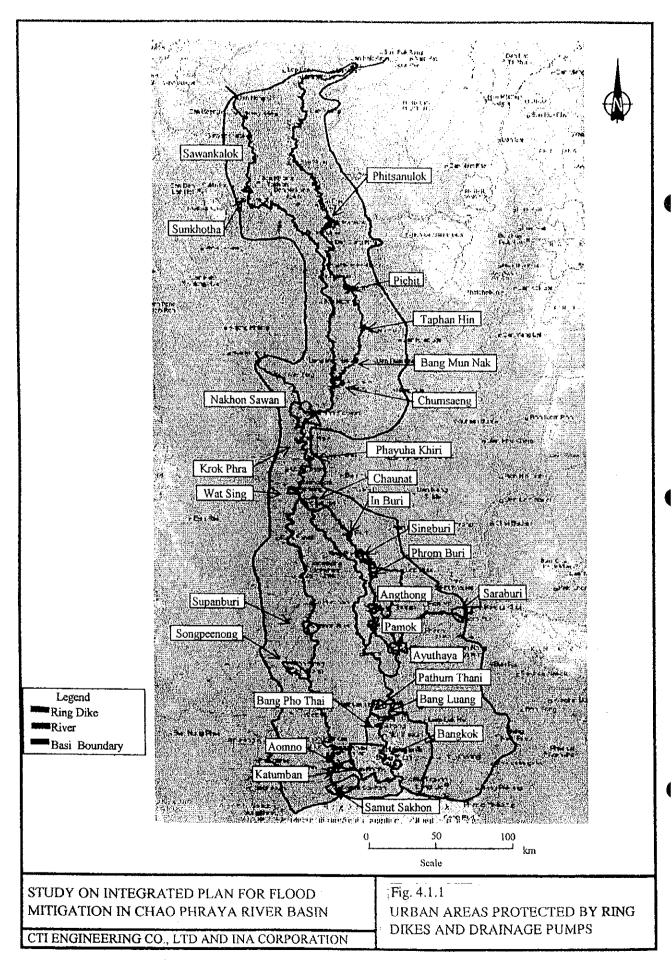
FOUR DIVITION AREAS OF FLOOD INUNDATION AREA

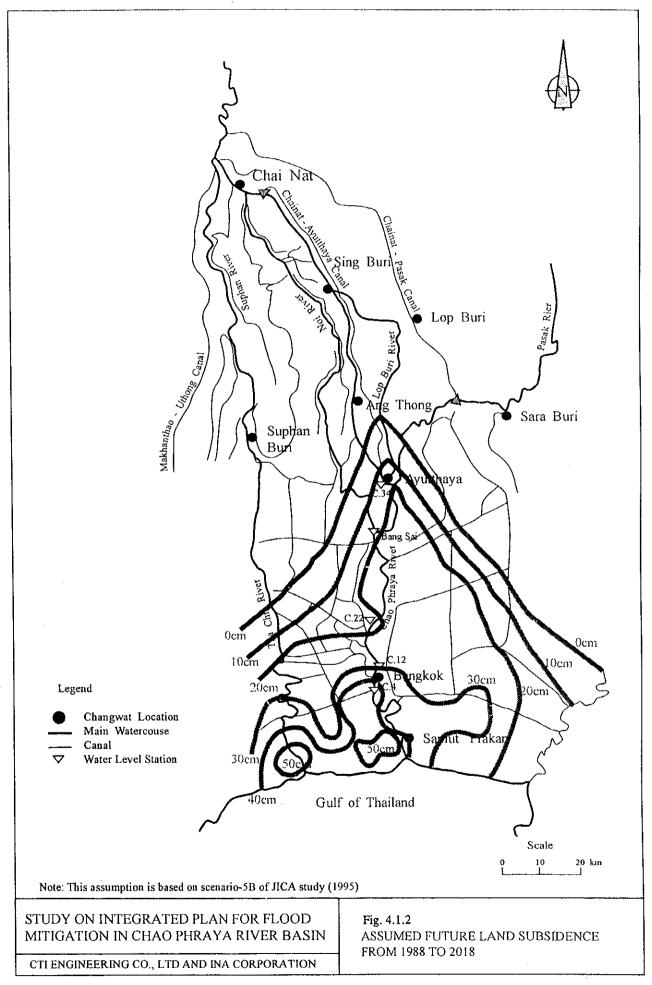




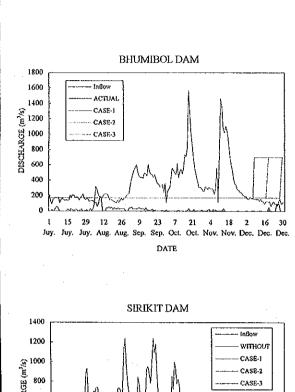
**(**)

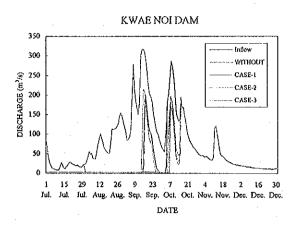


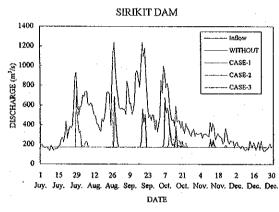


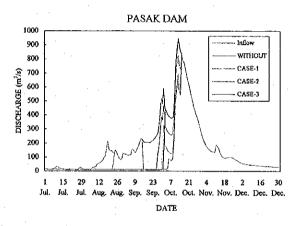


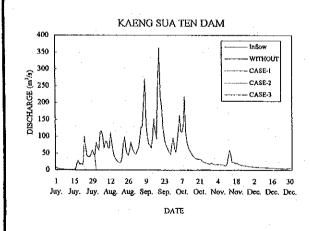
)











STUDY ON INTEGRATED PLAN FOR FLOOD MITIGATION IN CHAO PHRAYA RIVER BASIN

CTI ENGINEERING CO, LTD. AND INA CORPORATION

Fig. 4.1.3 (1/3) DAM OUTFLOW FOR DIFFERENT OPERATION CASE (1995 FLOOD )

