LOWER HACKENSACK RIVER STUDY

# RIVER MODEL (MIT-DNM) RESULTS

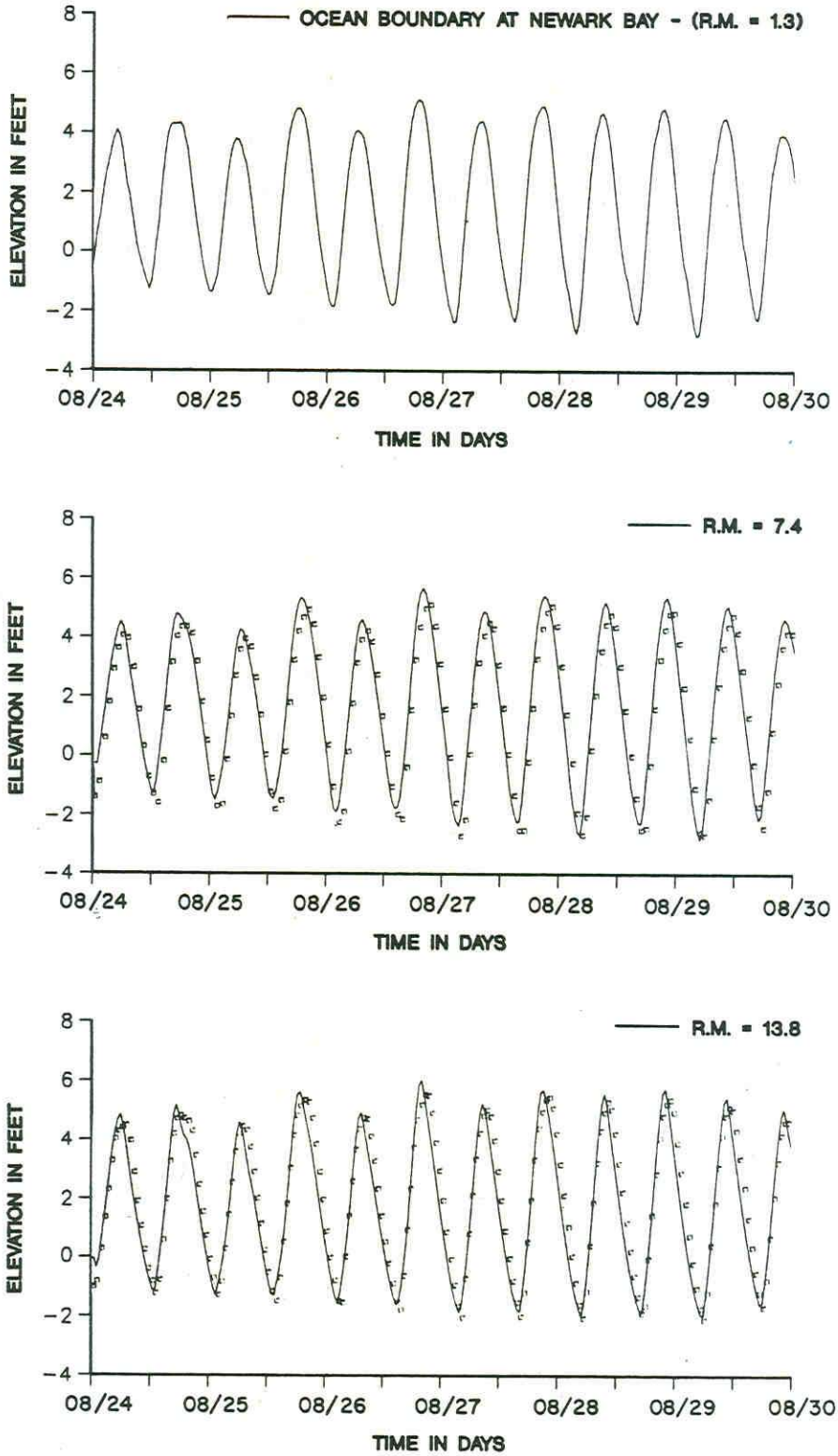



Figure 5.21 HYDRAULIC RE-VERIFICATION - AUGUST 1988

LOWER HACKENSACK RIVER STUDY

# RIVER MODEL (MIT-DNM) RESULTS

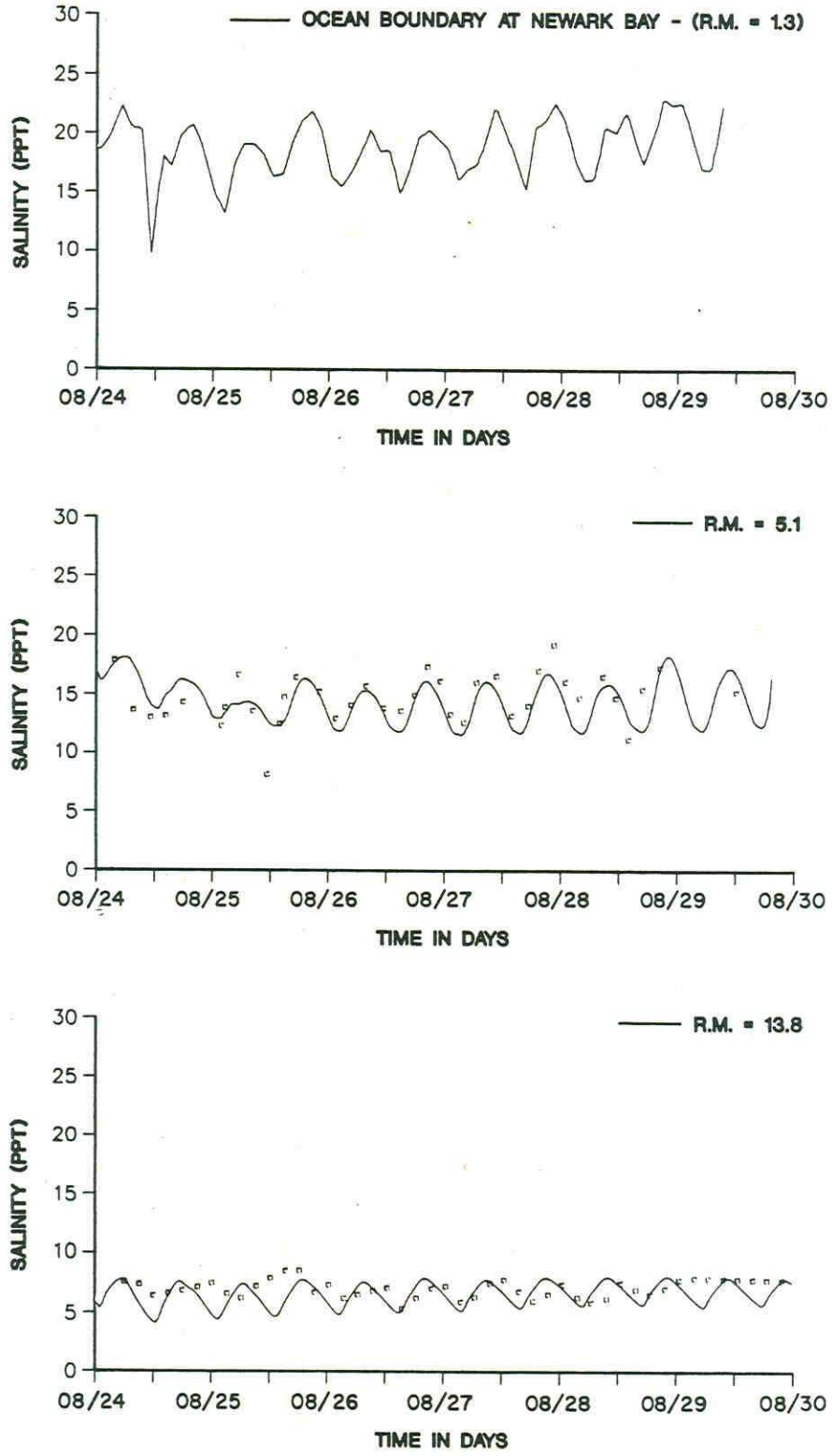



Figure 5.22 WATER QUALITY RE-VERIFICATION - AUGUST 1988

LOWER HACKENSACK RIVER STUDY

RIVER MODEL (MIT-DNM) RESULTS

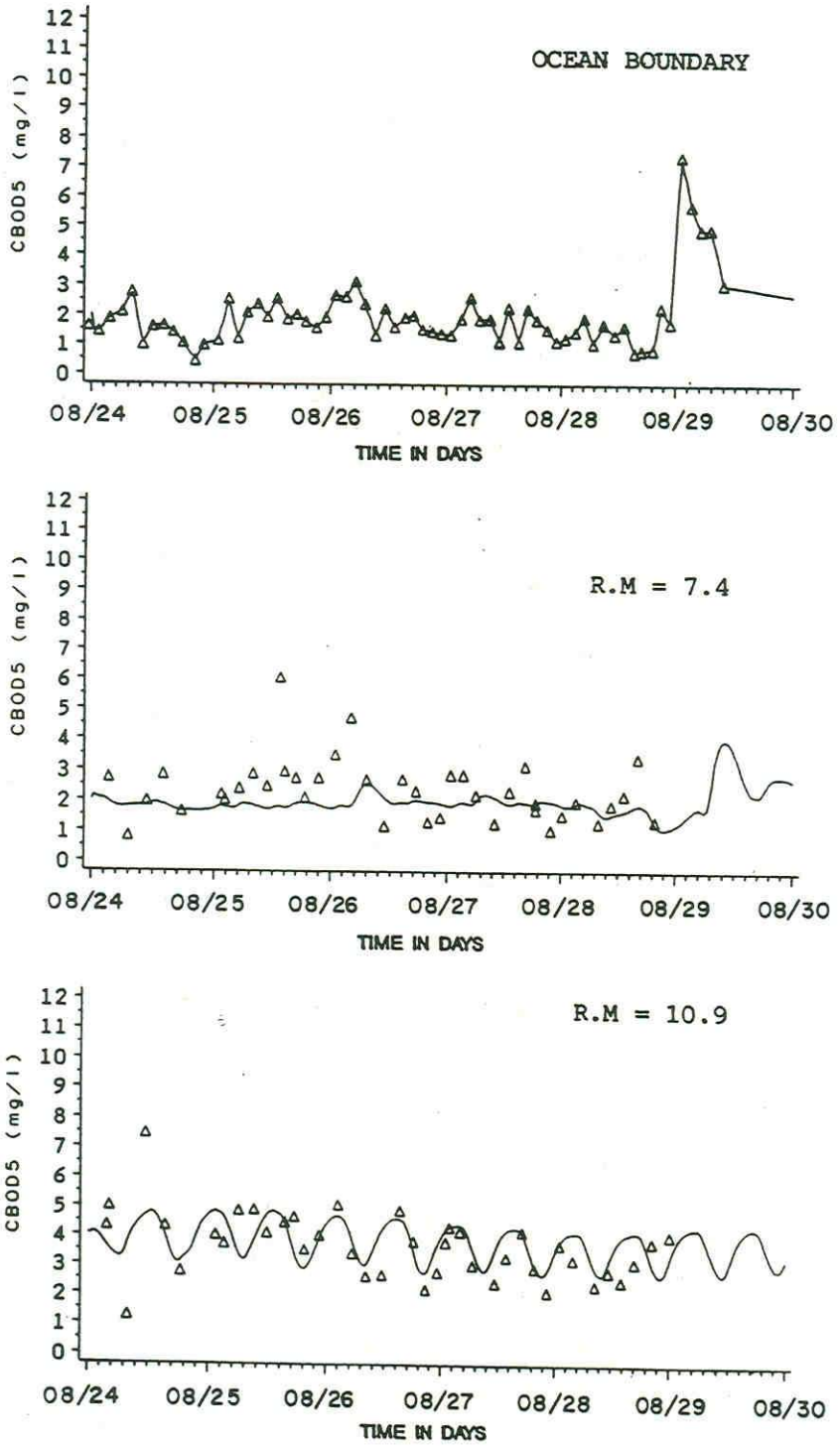
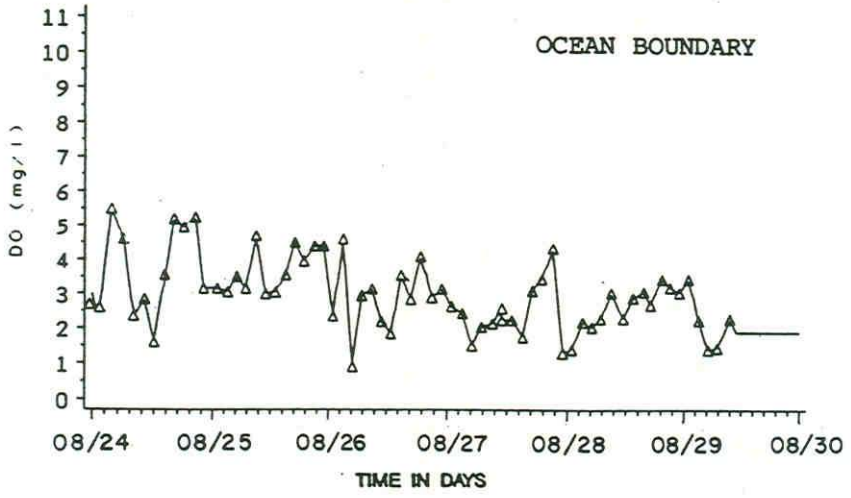
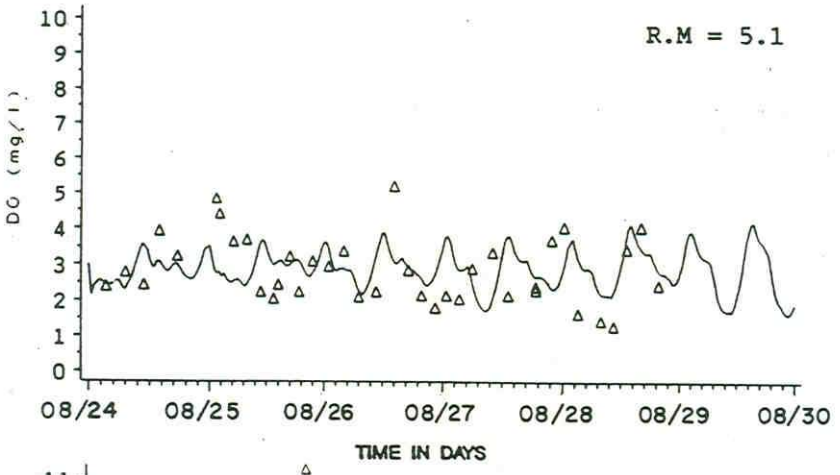



Figure 5.23 WATER QUALITY RE-VERIFICATION - AUGUST 1988

LOWER HACKENSACK RIVER STUDY

RIVER MODEL (MIT-DNM) RESULTS



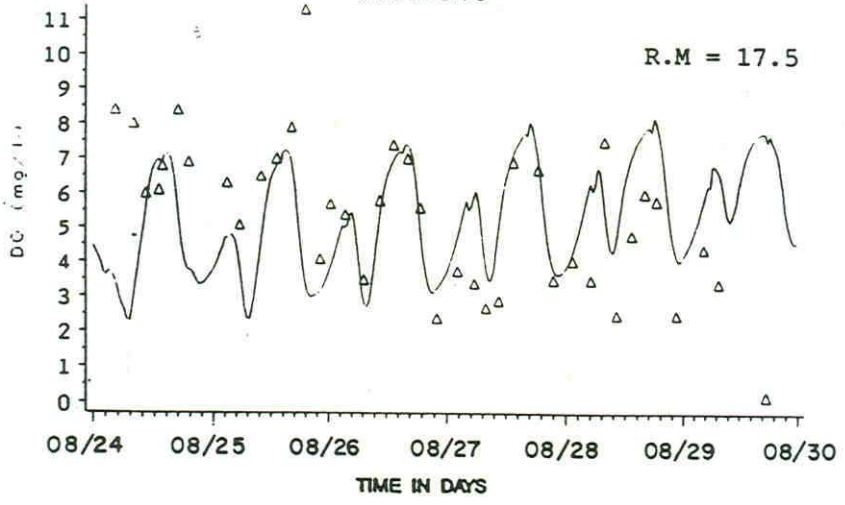




Figure 5.24 WATER QUALITY RE-VERIFICATION - AUGUST 1988

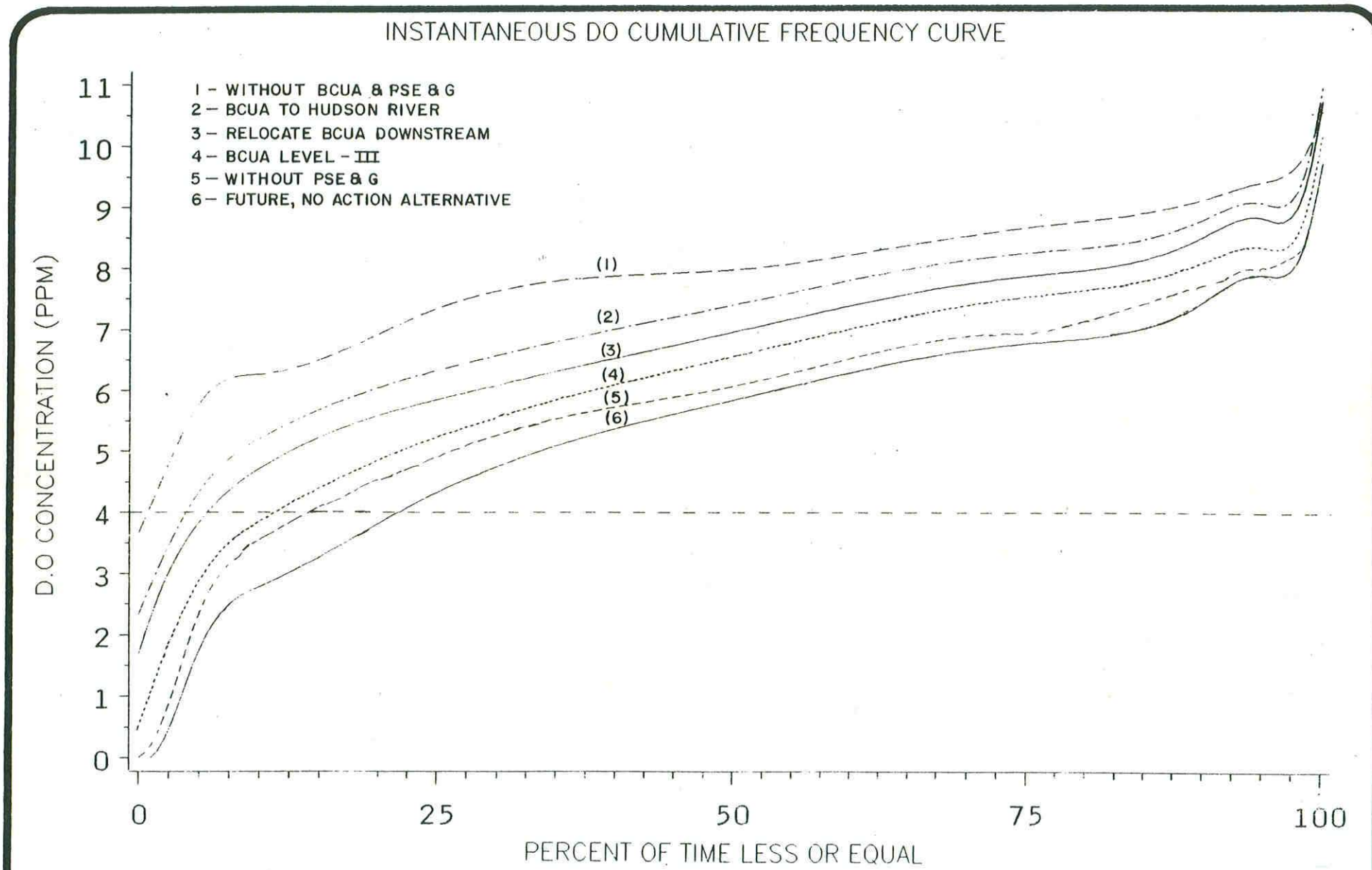



Figure 6.1 Dissolved Oxygen Frequency Curves at Critical Station - Summer 1988

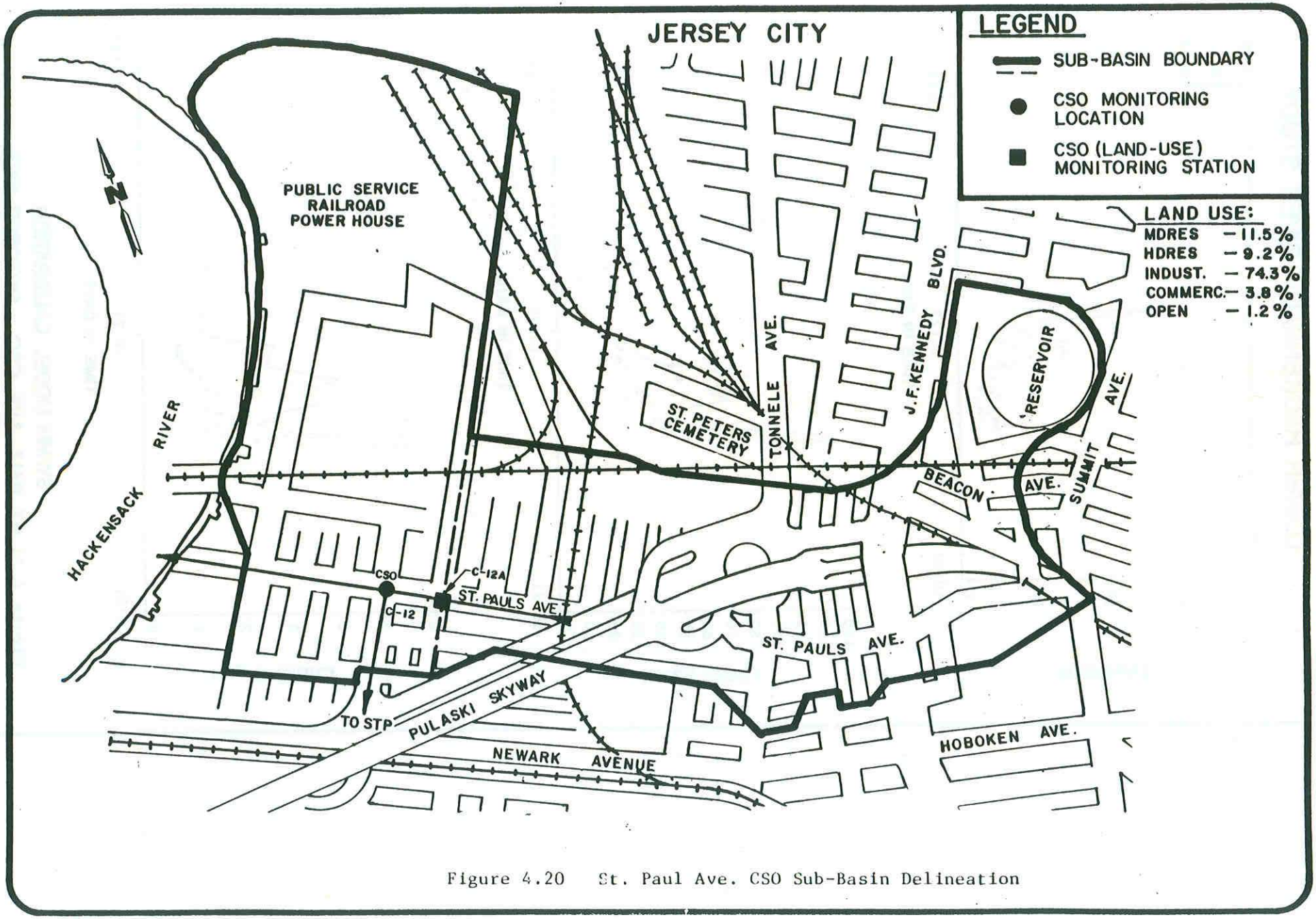



Figure 4.20 St. Paul Ave. CSO Sub-Basin Delineation

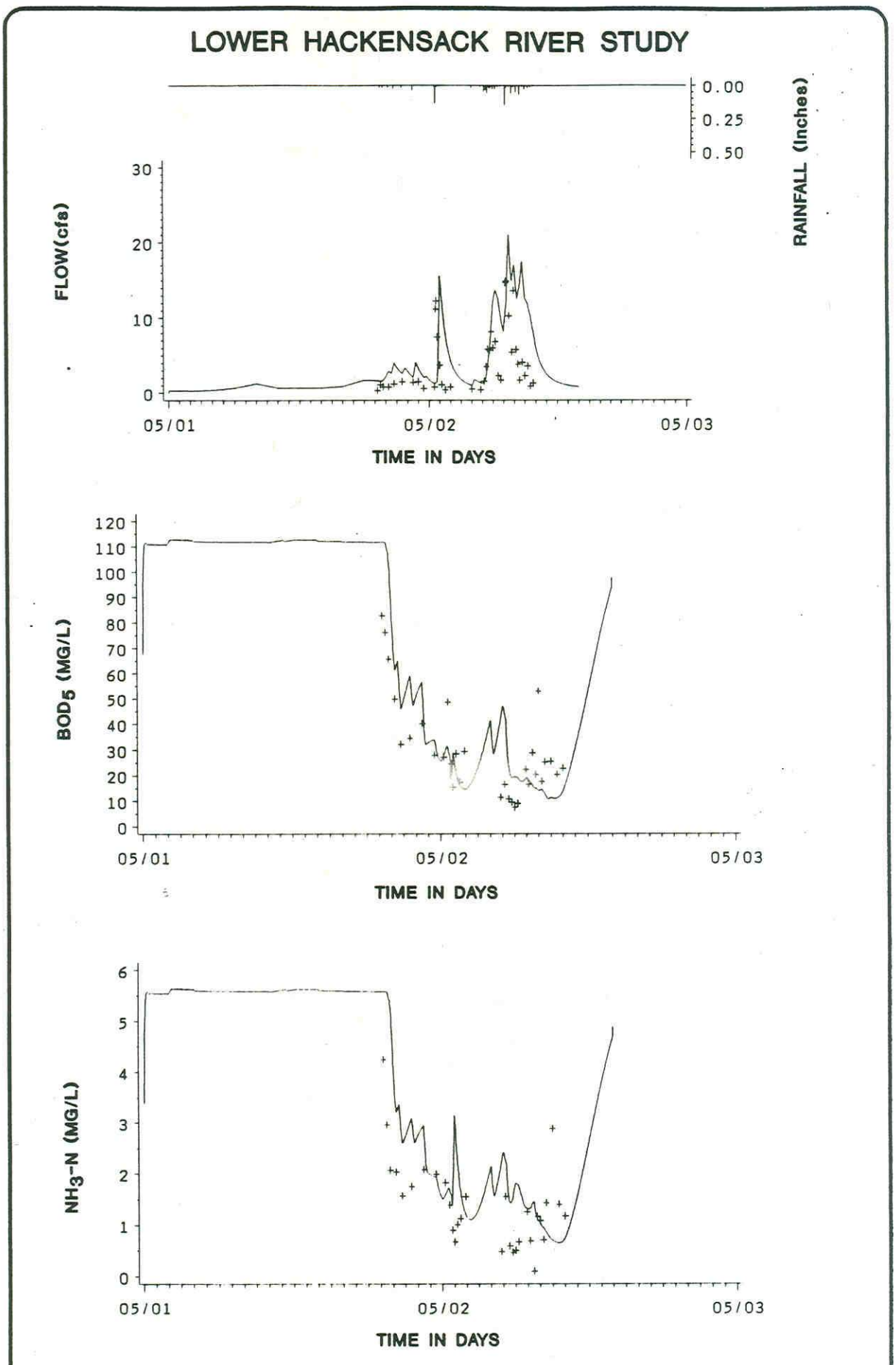

LOWER HACKENSACK RIVER STUDY
0.00
0.25
0.50
RAINFALL (Inches)
30
20
10
0
FLOW(cfs)
05/01
05/02
05/03
TIME IN DAYS
120
110
100
90
80
70
60
50
40
30
20
10
0
BOD5 (MG/L)
05/01
05/02
05/03
TIME IN DAYS
6
5
4
3
2
1
0
NH3-N (MG/L)
05/01
05/02
05/03
TIME IN DAYS
SWMM MODEL VERIFICATION
ST. PAUL AVE. CSO - MAY 1989

Figure 4.22

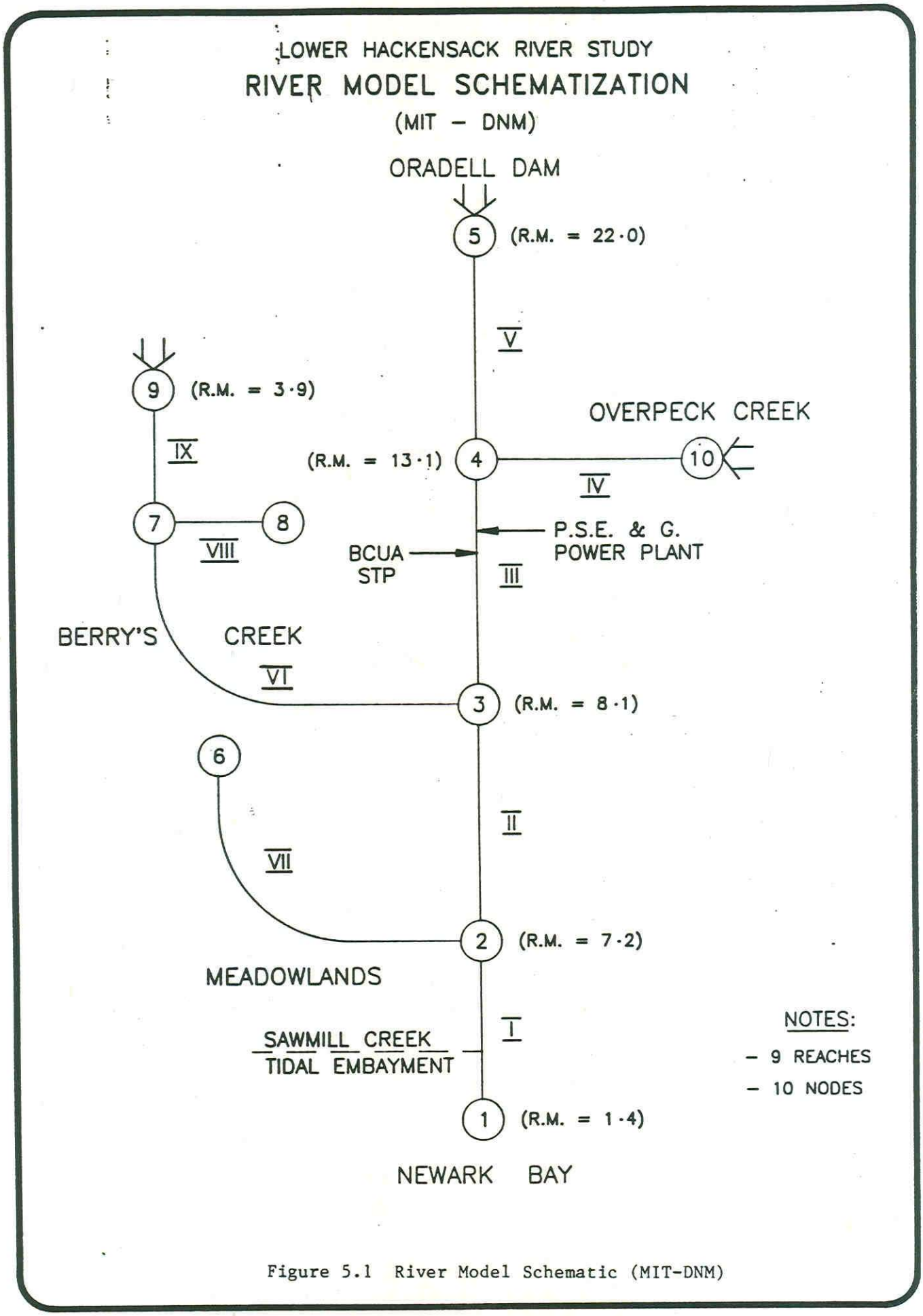



Figure 5.1 River Model Schematic (MIT-DNM)

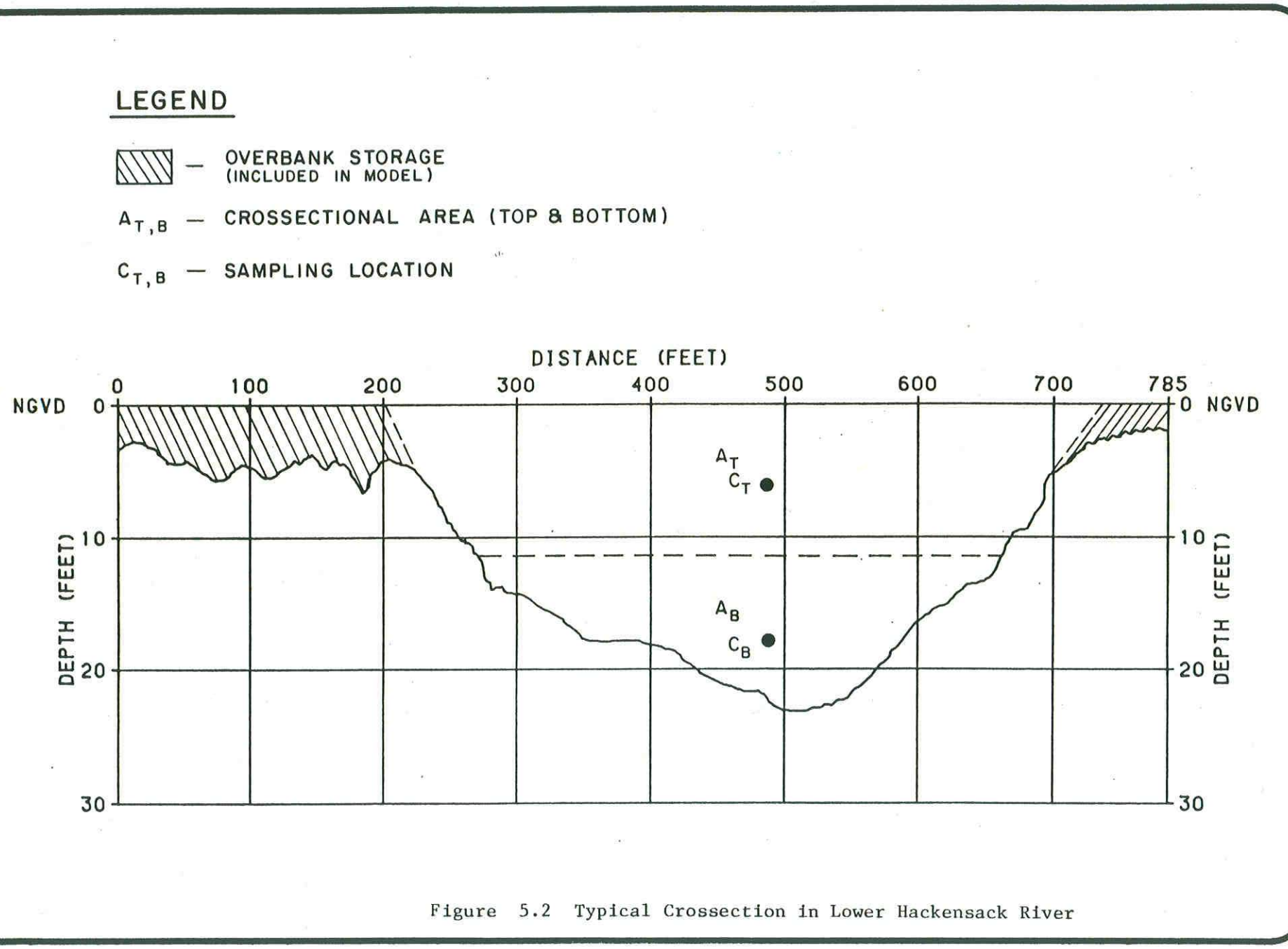



Figure 5.2 Typical Crossection in Lower Hackensack River

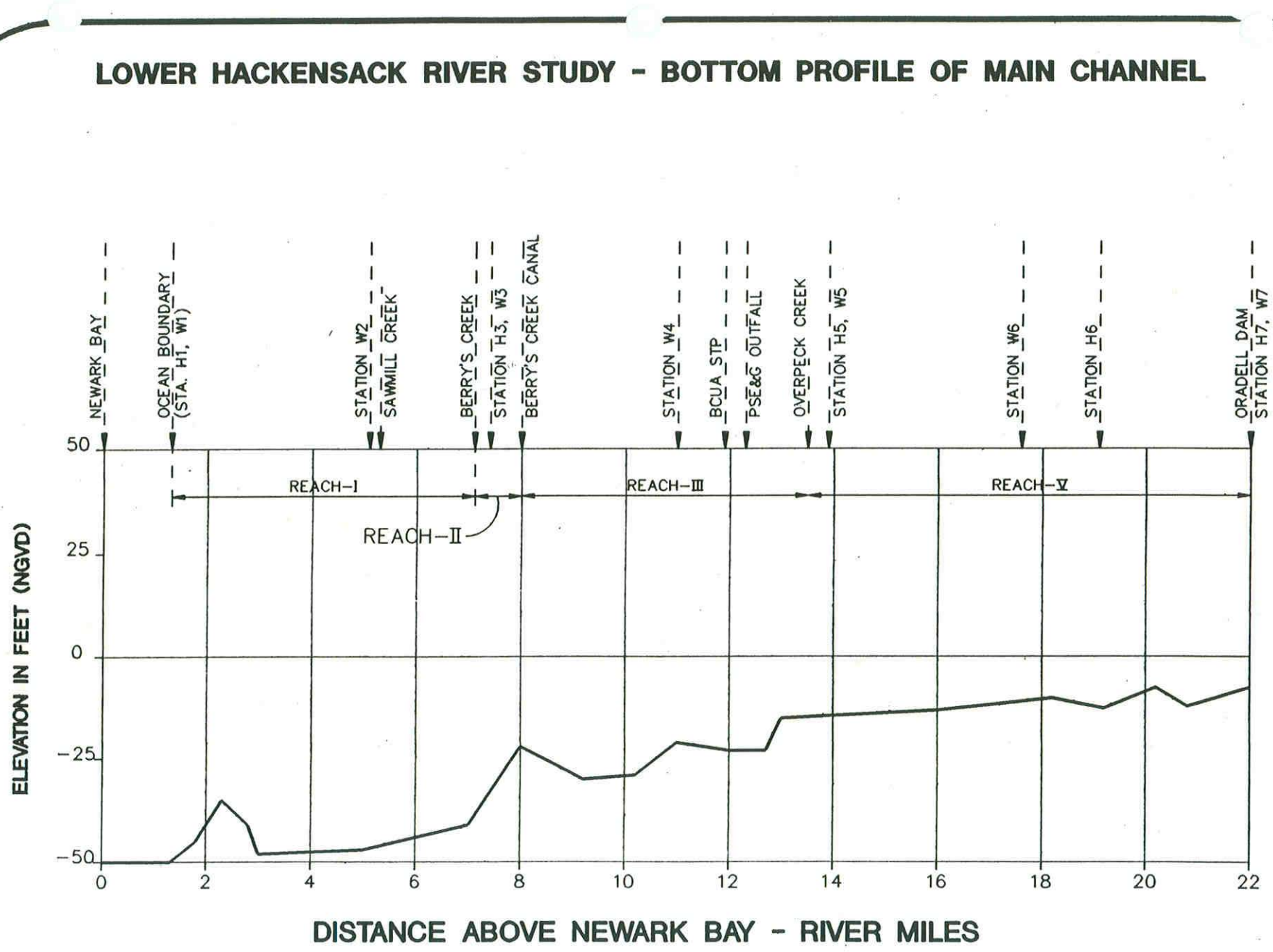
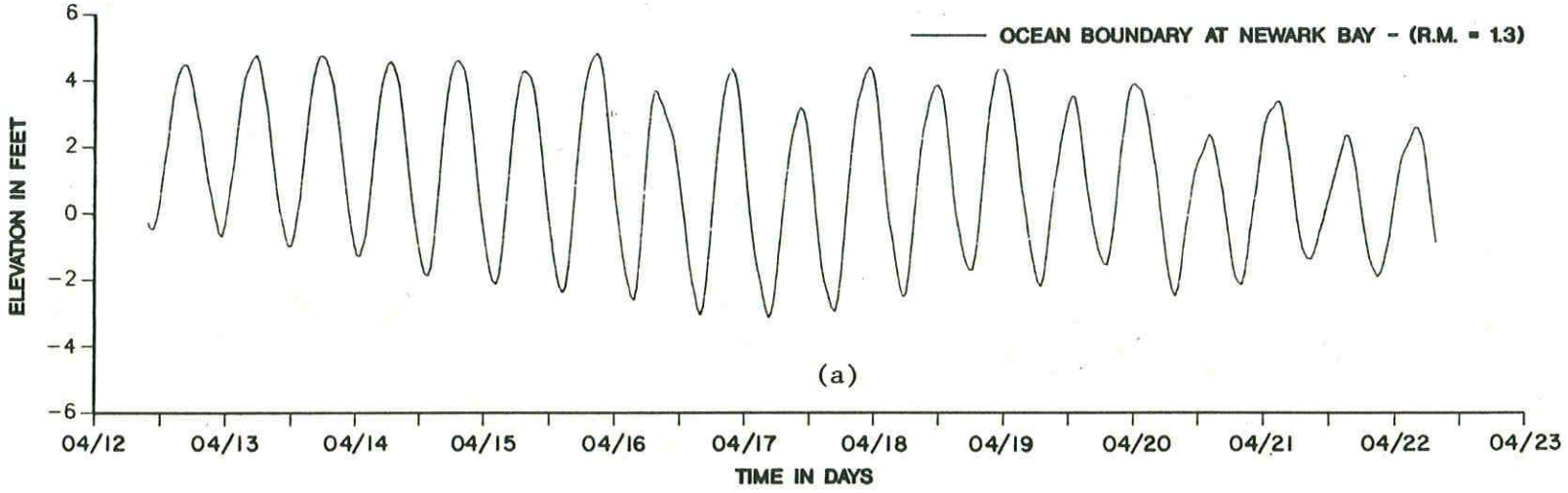


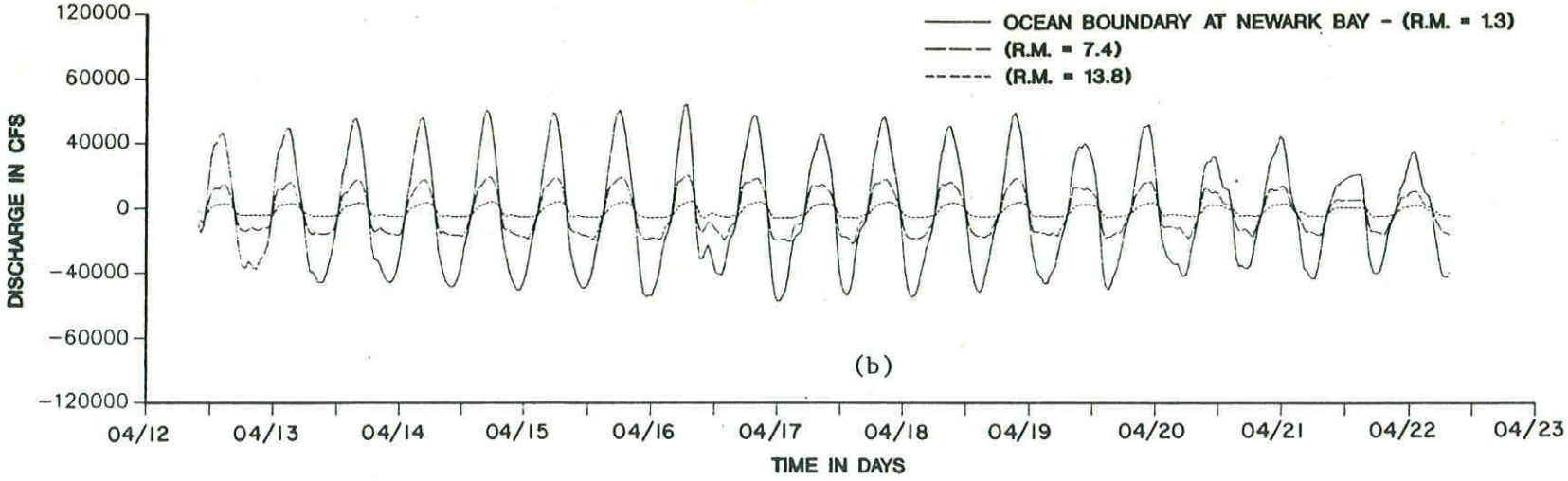

Figure 5.3: Bottom Profile, Lower Hackensack River

LOWER HACKENSACK RIVER STUDY

RIVER MODEL (MIT-DNM) RESULTS




(a)




(b)

Figure 5.4 HYDRAULIC CALIBRATION - APRIL 1988

LOWER HACKENSACK RIVER STUDY

RIVER MODEL (MIT-DNM) RESULTS

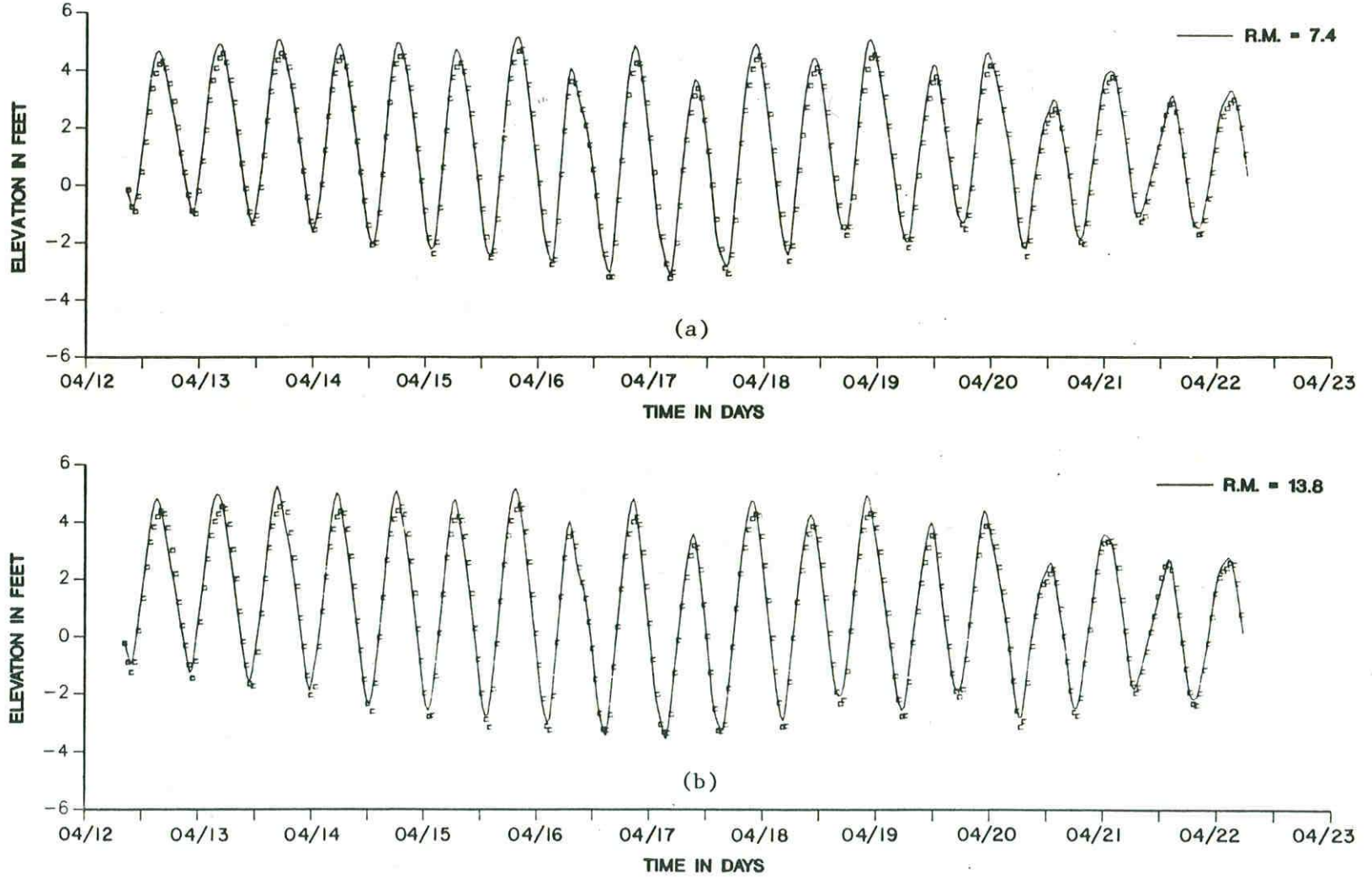



Figure 5.5 HYDRAULIC CALIBRATION - APRIL 1988