

Figure 3 Sub-basin, Dams and Irrigation Projects in the Mae Klong River Basin

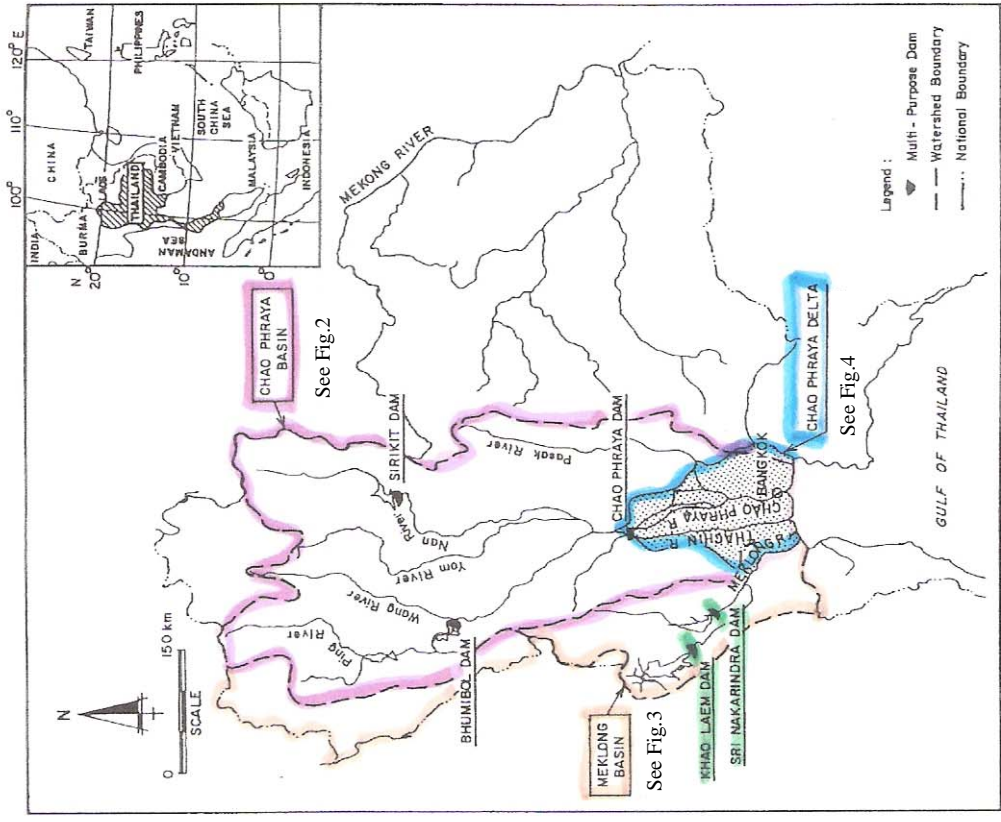


Figure 1 The Chao Phraya Basin and the Chao Phraya Delta

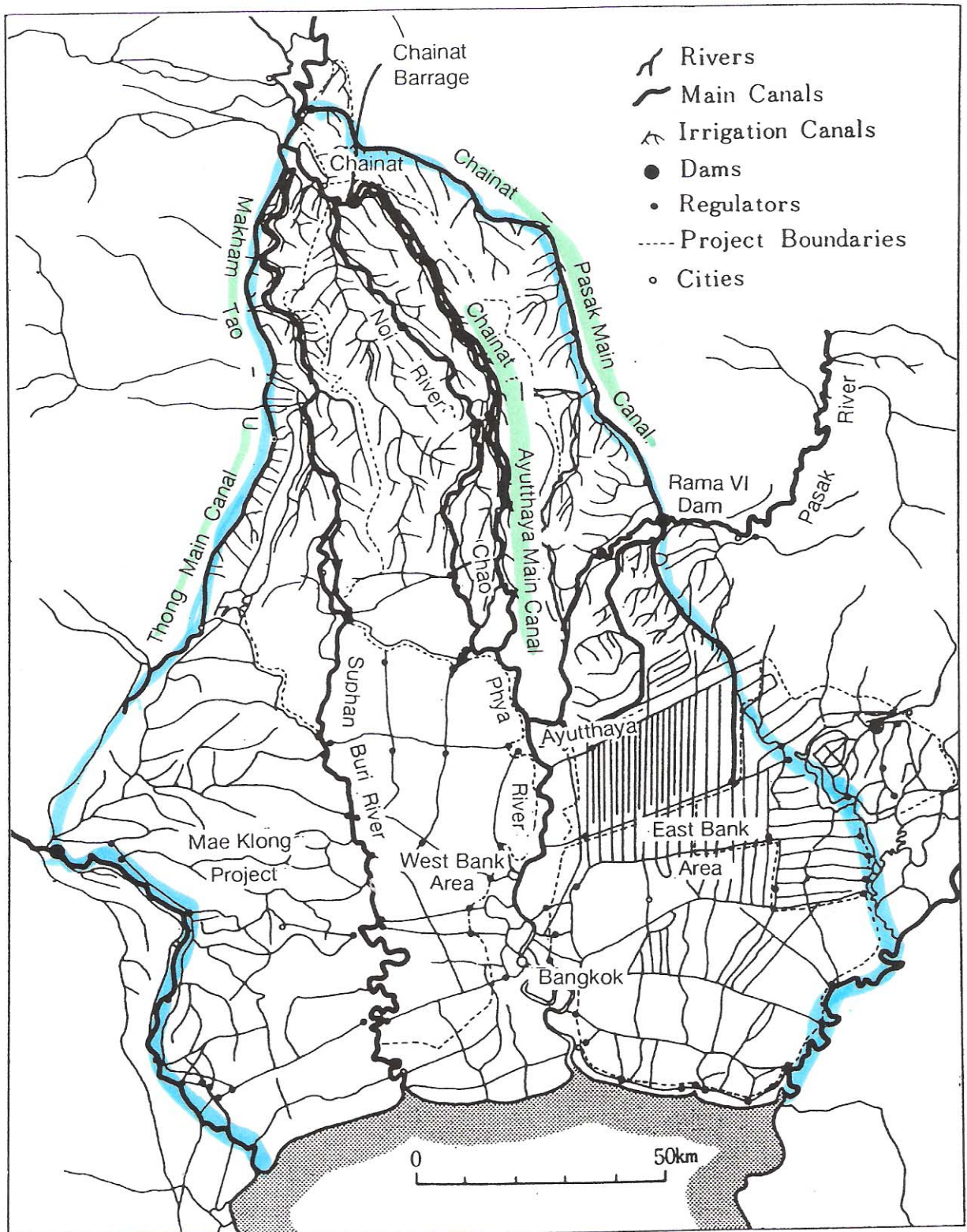


Figure 4 The Greater Chao Phraya Project (Van Beek, 1995)

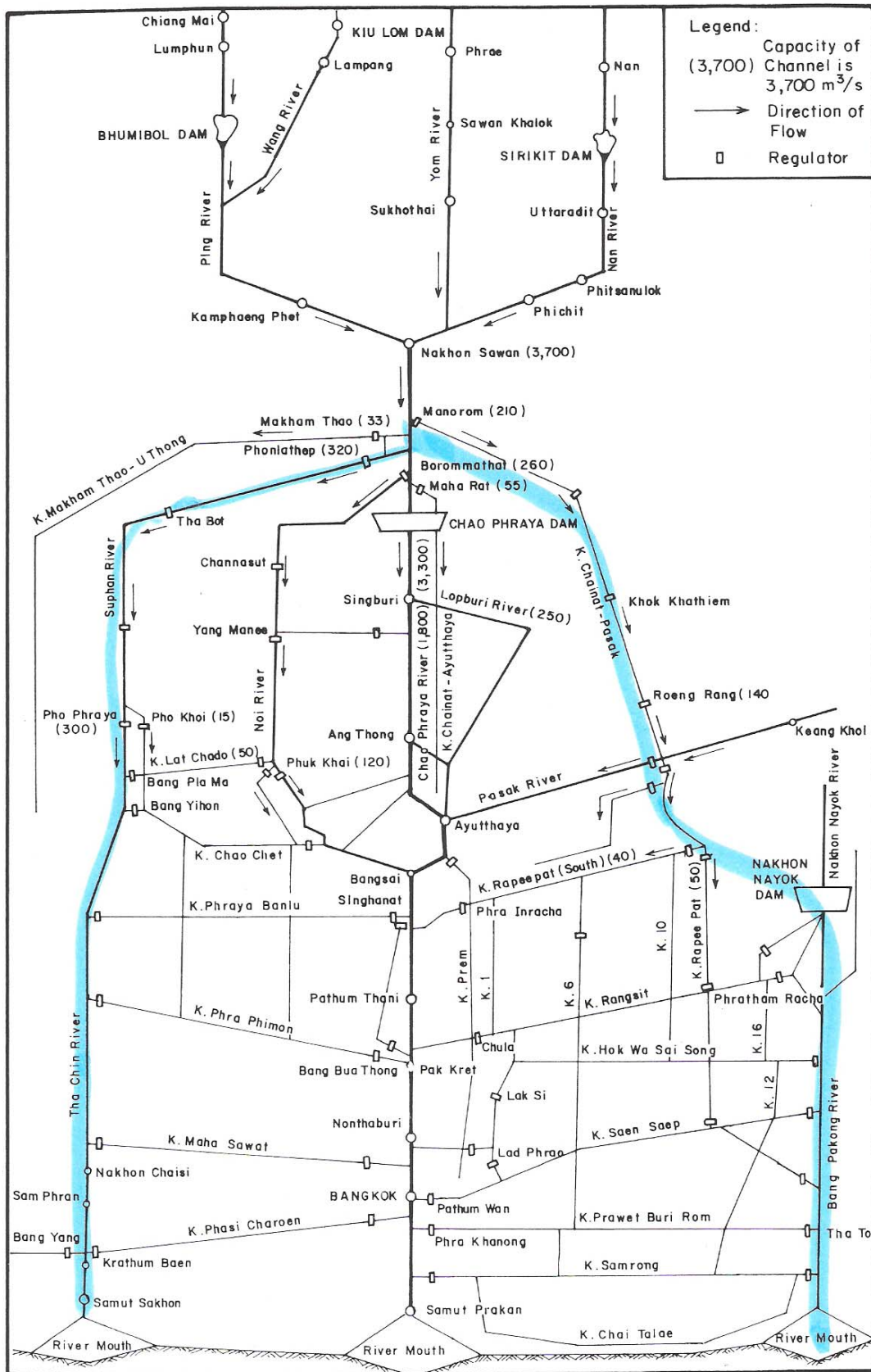


Figure 6 Schematic Diagram of the Chao Phraya River and Its Tributaries Showing Regulators and Discharge

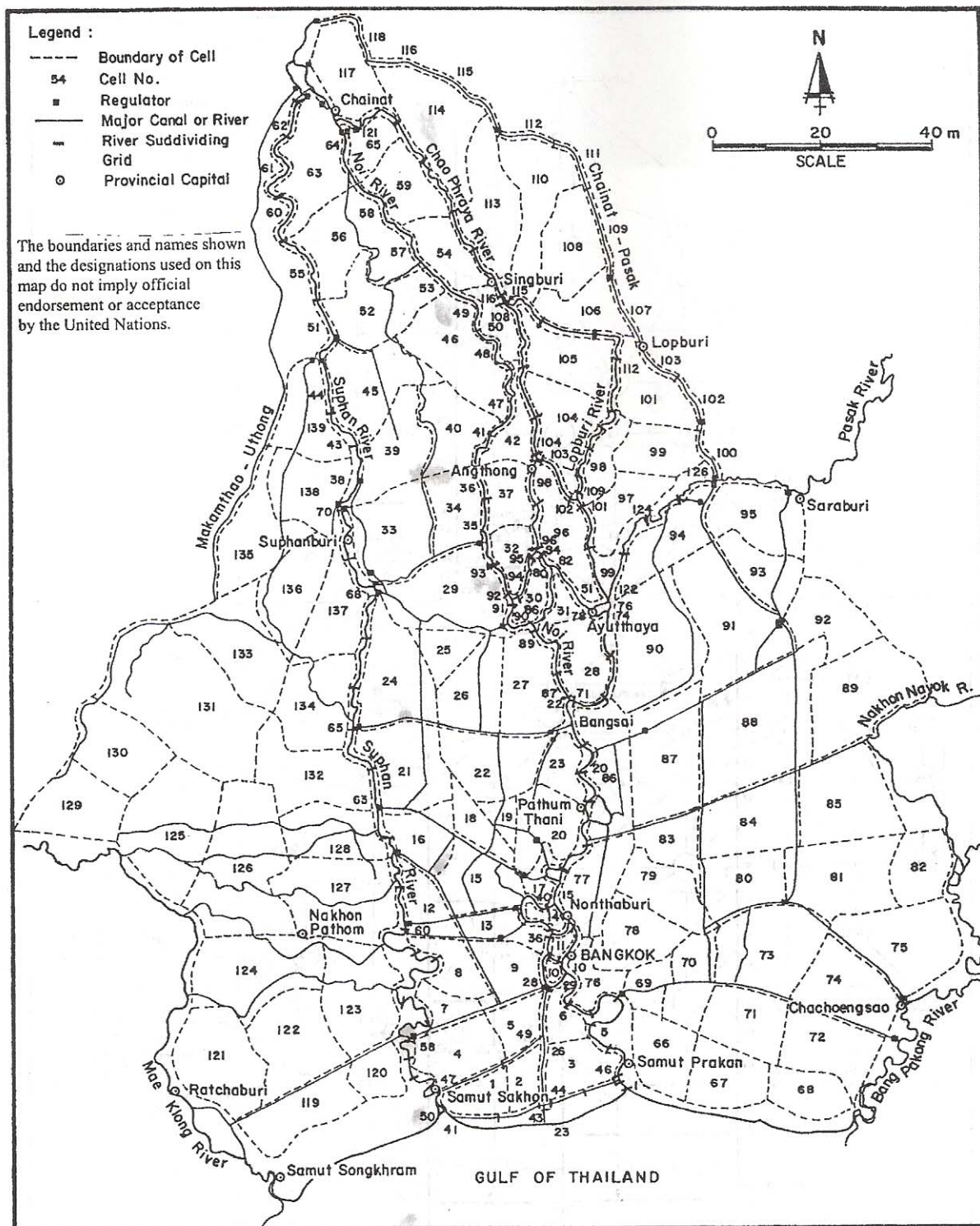


Figure 7a Physical layout of the River Network Model

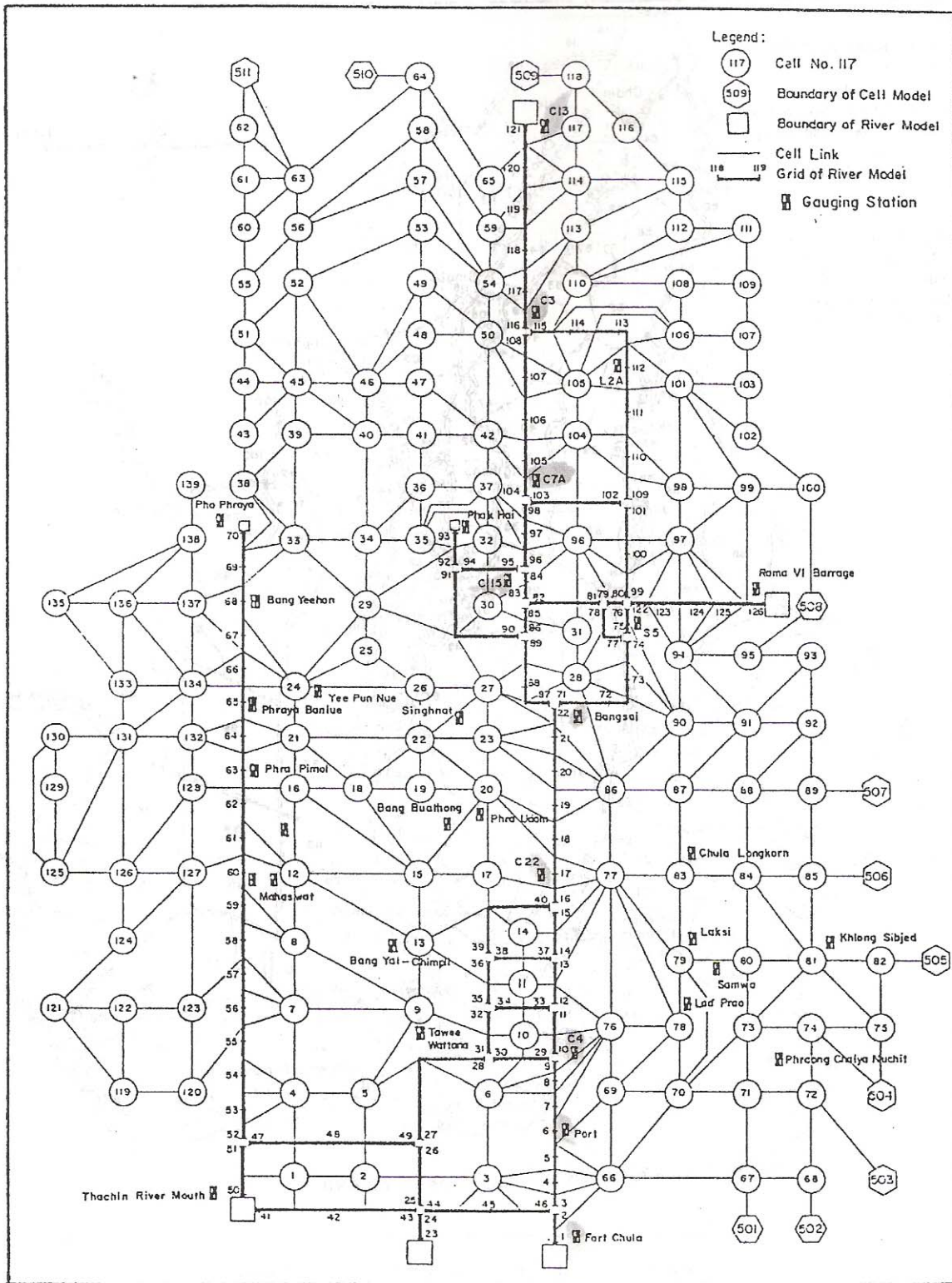


Figure 7b Schematization of the River Network Model

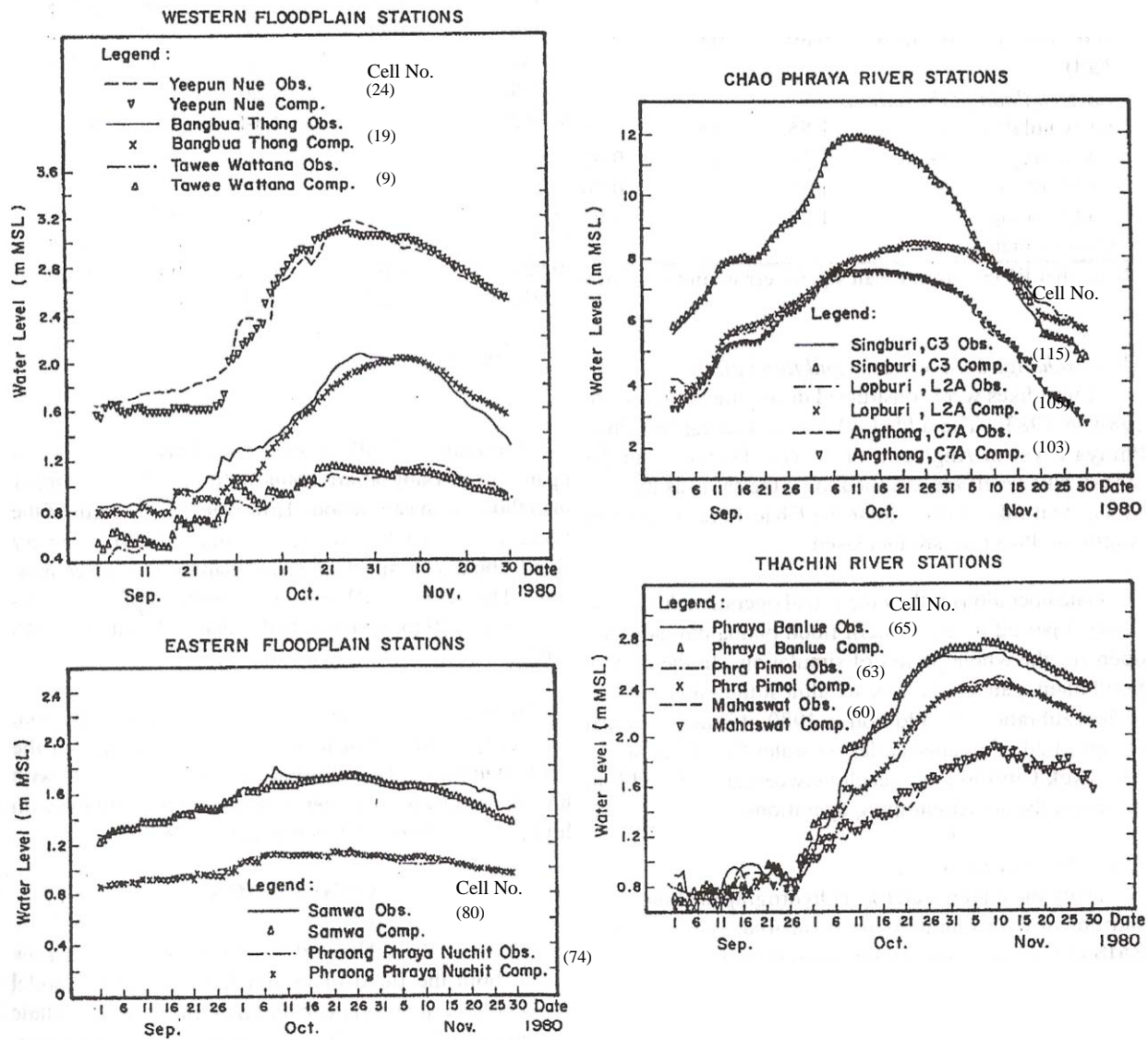


Figure 8 Comparison of observed and computed water levels in the calibration of the 1980 flood

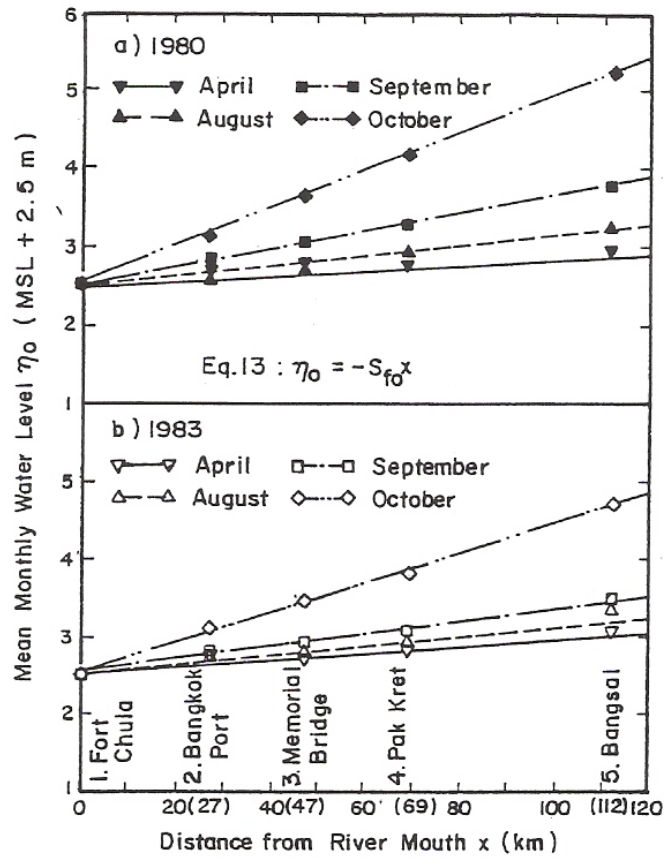


Figure 9 Zeroth Order Solution for Mean Monthly Water Level

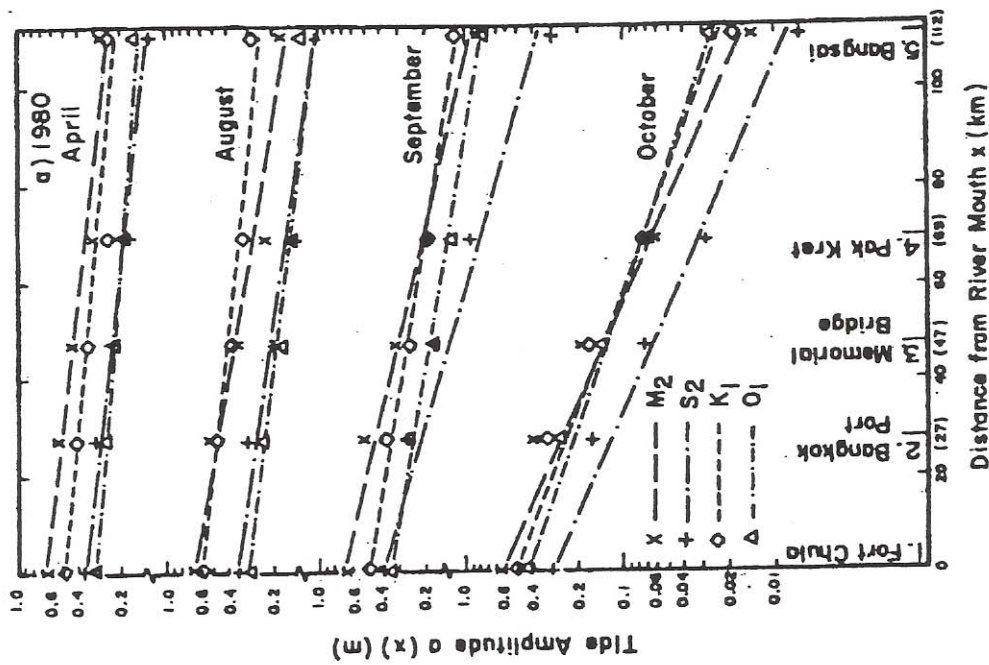
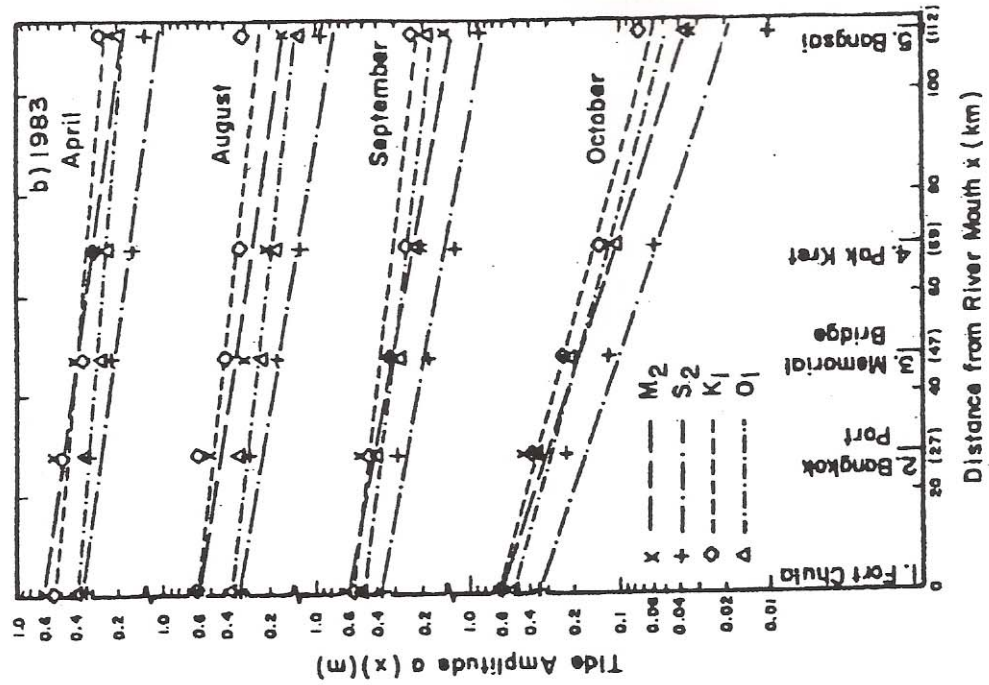


Figure 10 Attenuation of Tides in: (a) 1980; and (b) 1983



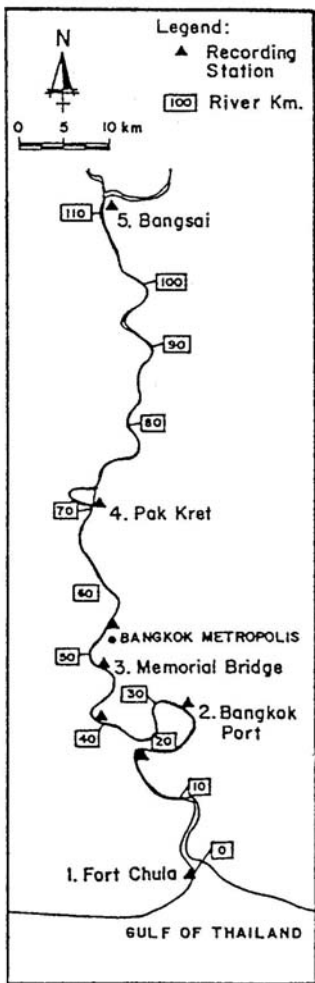


Figure 11. The lower reach of the Chao Phraya river.

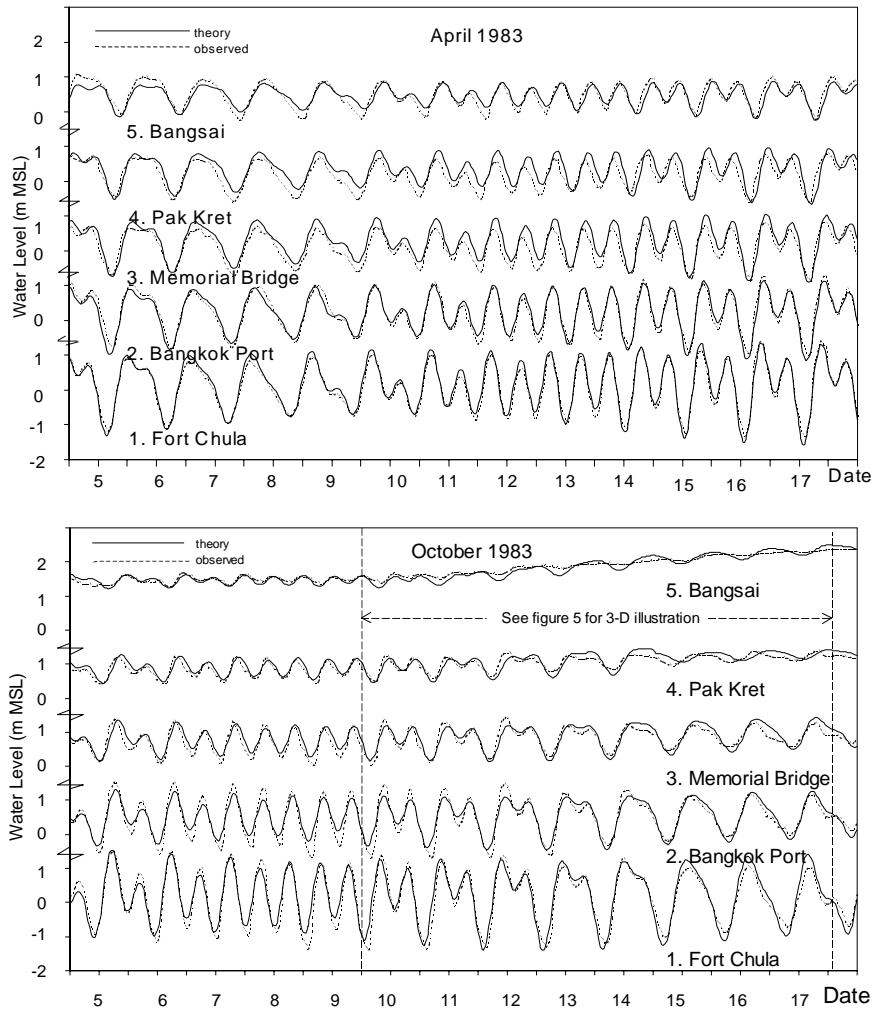


Figure 12. Comparison of water level between theoretical results and observed data.

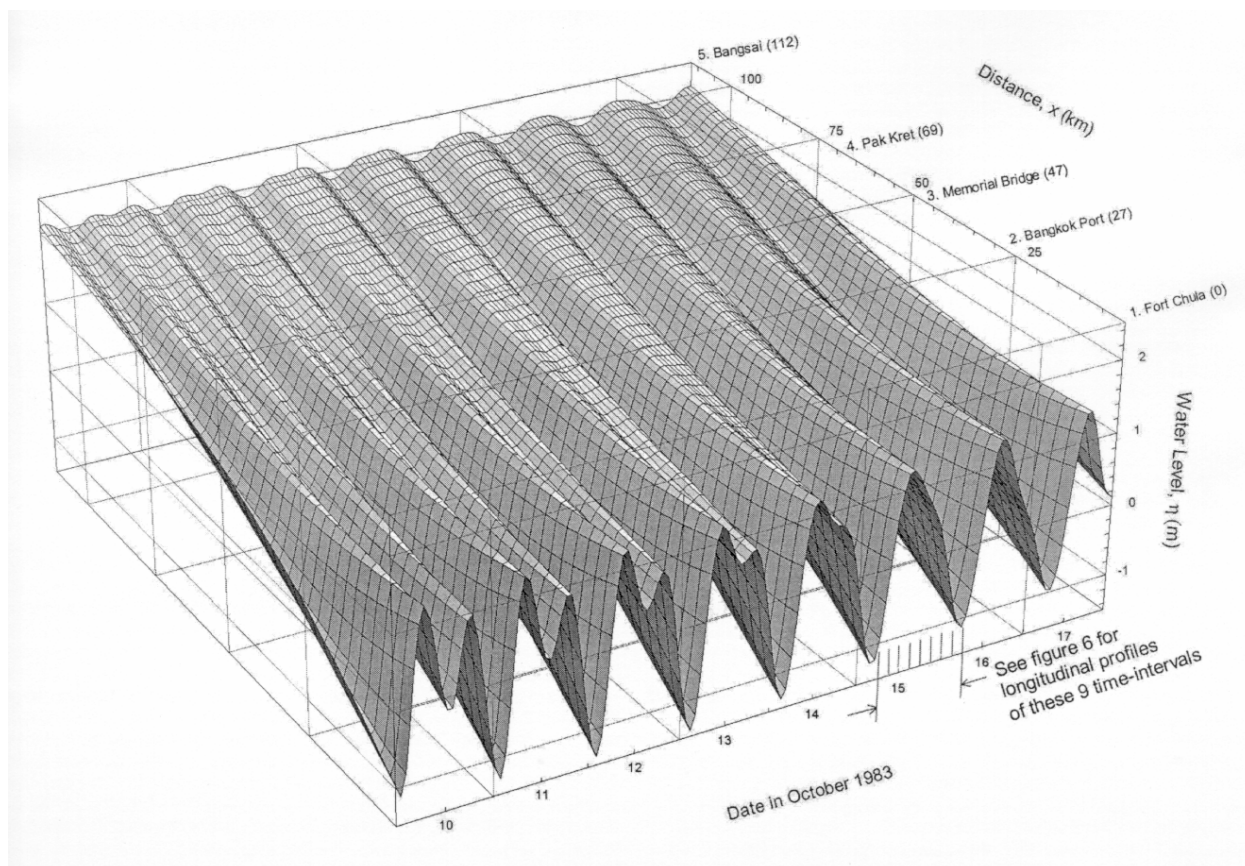


Figure 13. Three-dimensional plot of the analytical model of water surface fluctuation with respect to distance and time.

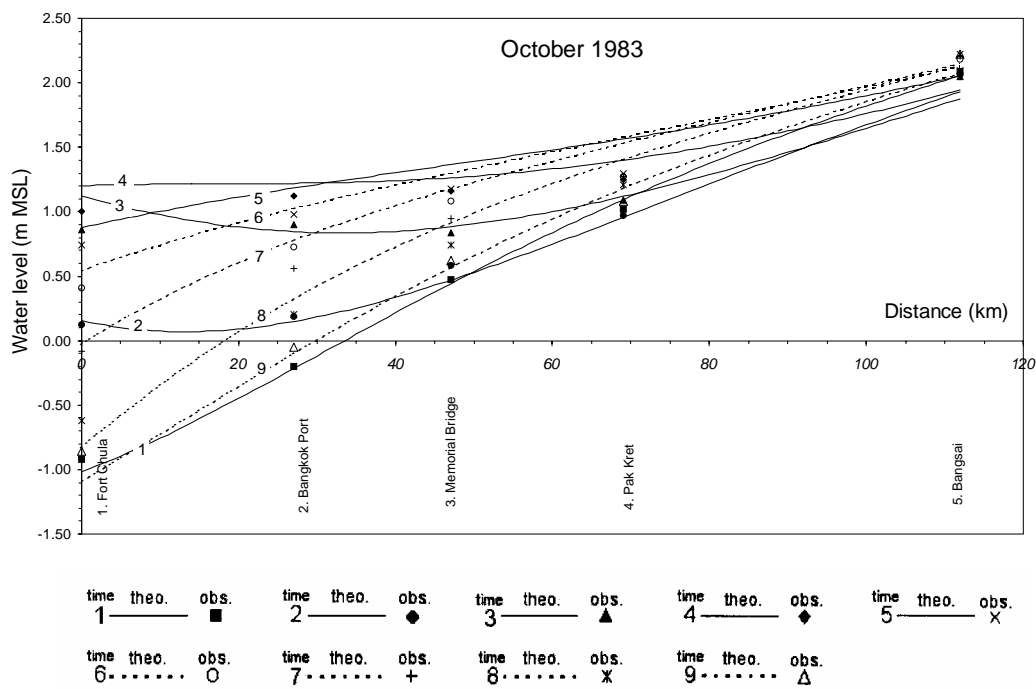


Figure 14. Longitudinal profiles of water level between theoretical computation and measurement on October 15 and 16, 1983 with 3 hour interval.

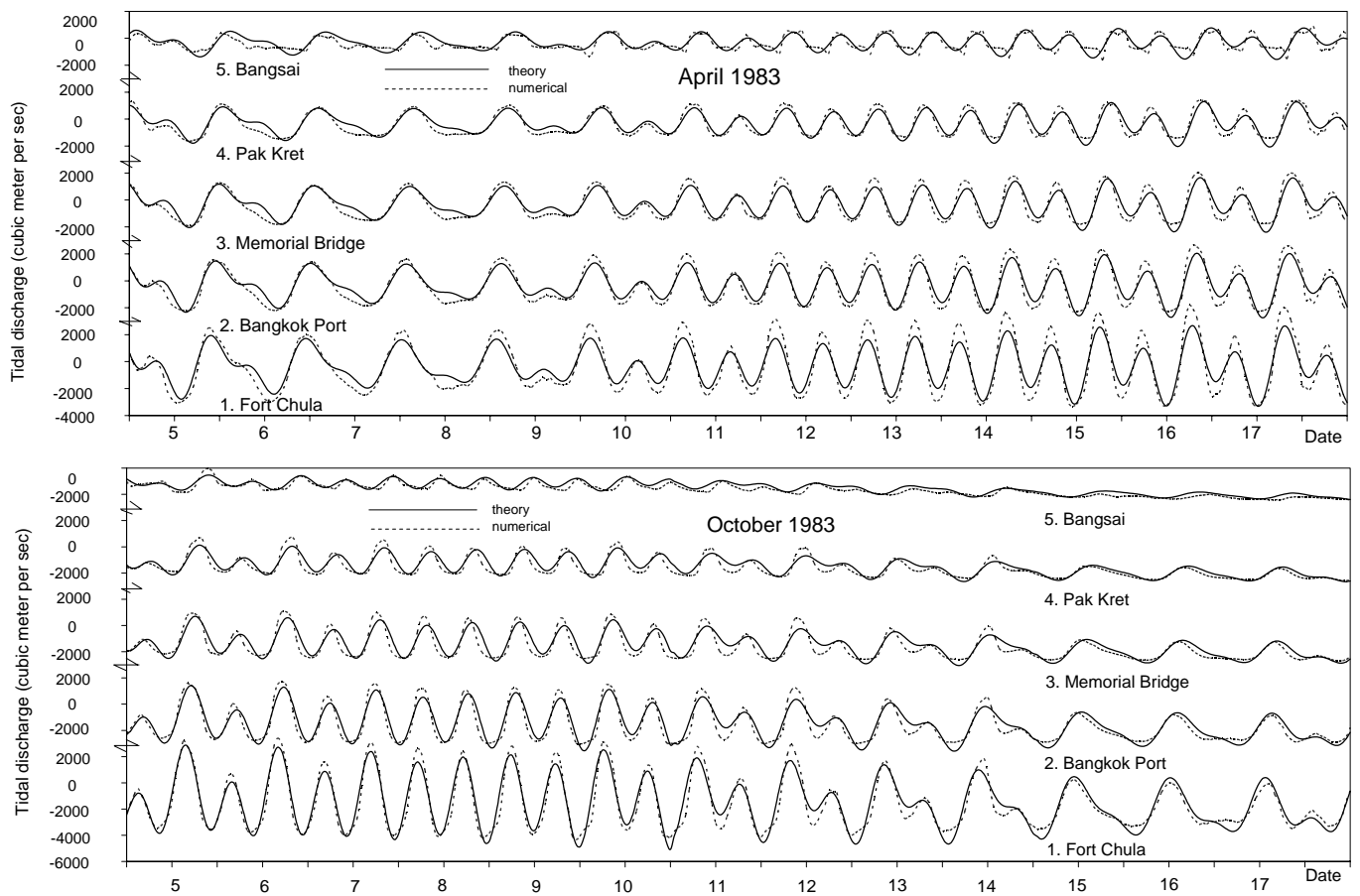


Figure 15. Comparison between theoretical computation and numerical output of tidal discharge along the Chao Phraya river.

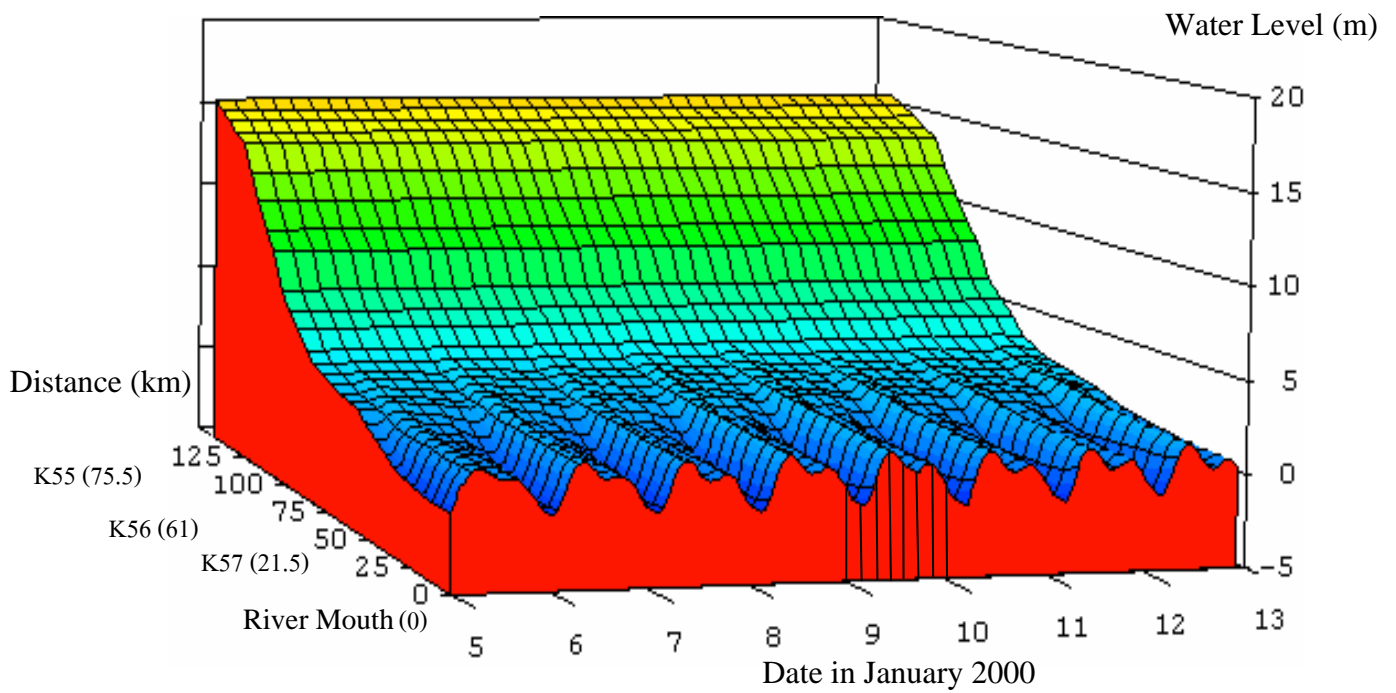


Figure 16 a. Three-dimensional plot of water surface fluctuation in the Mae Klong River with respect to distance and time

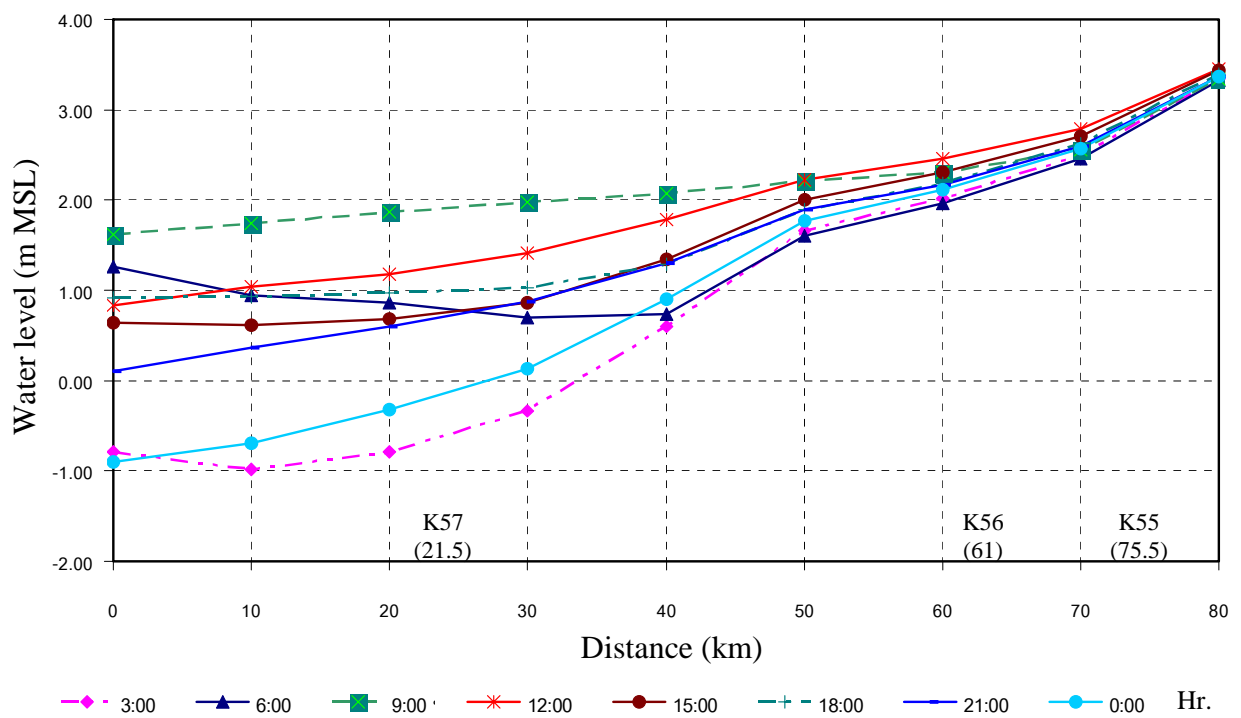


Figure 16 b. Longitudinal profiles of water level in the Mae Klong River on 9 January 2000

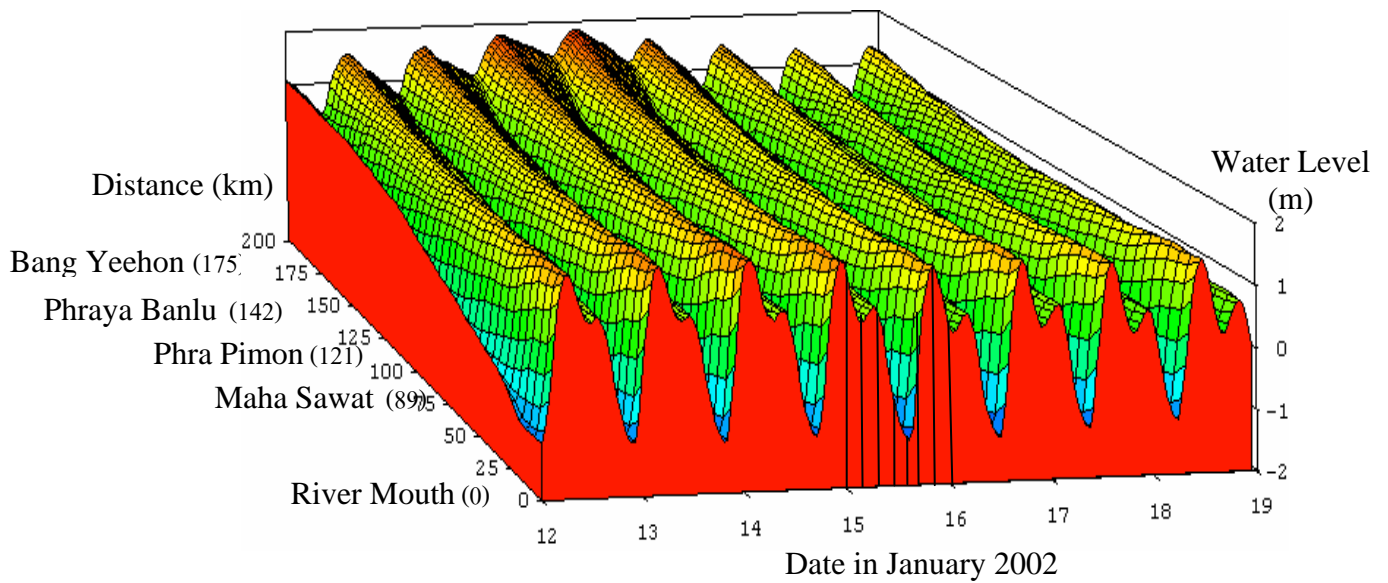


Figure 17 a. Three-dimensional plot of water surface fluctuation in the Tha Chin River with respect to distance and time

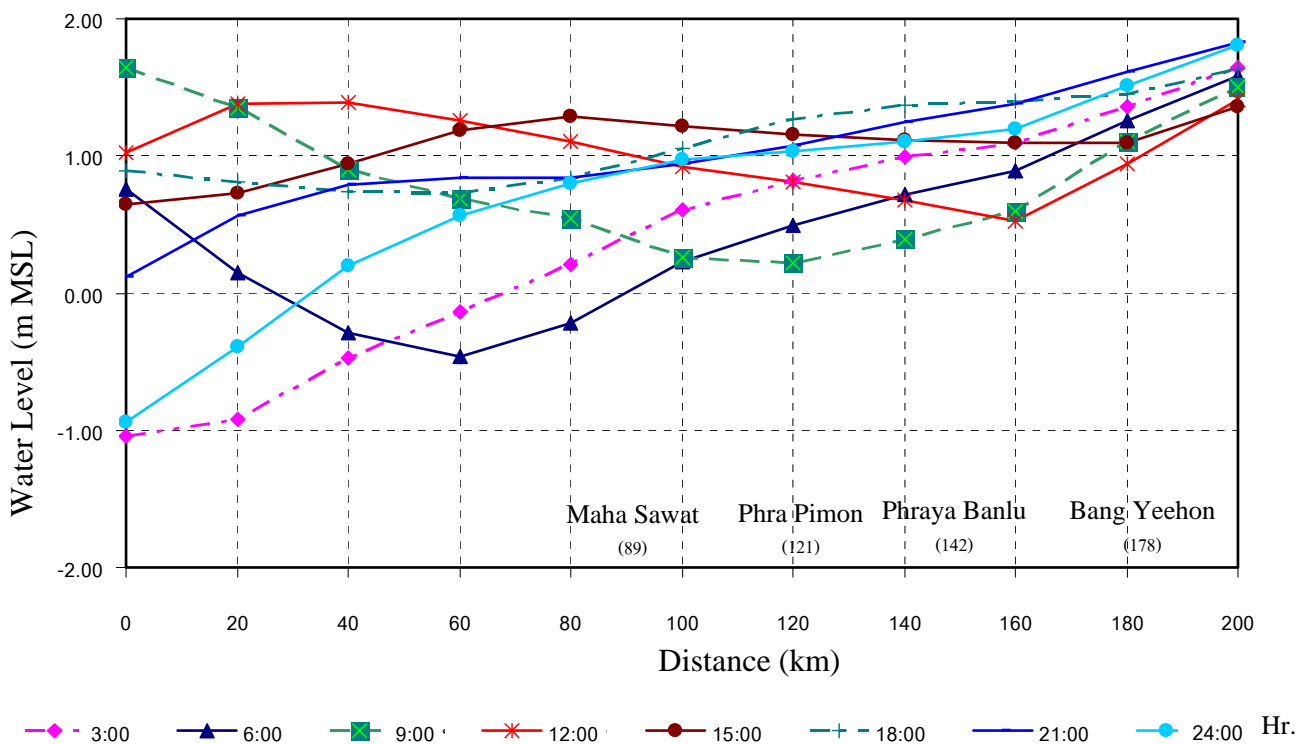


Figure 17 b. Longitudinal profiles of water level in the Tha Chin River on 15 January 2002

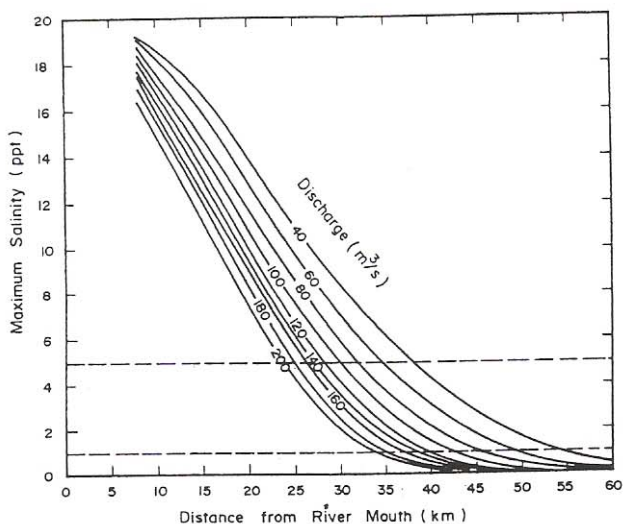


Figure 18 a Maximum Salinity along the Chao Phya River

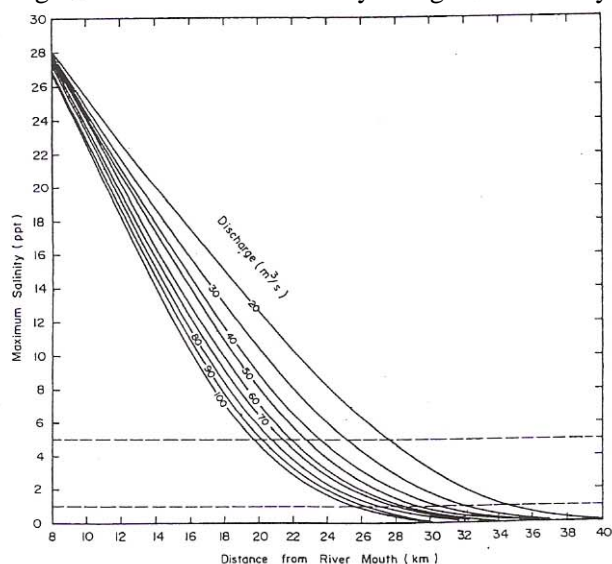


Figure 18 b Maximum Salinity along the Mae Klong River (AIT, 1978)

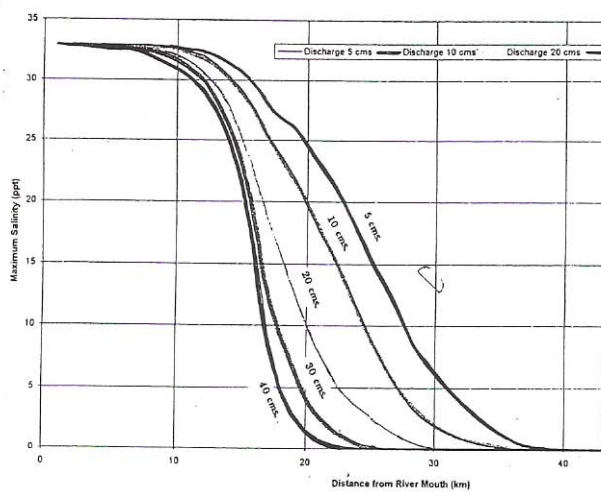


Figure 18 c Maximum Salinity along the Tha Chin River (TEAM, 1997)