FIGURAS

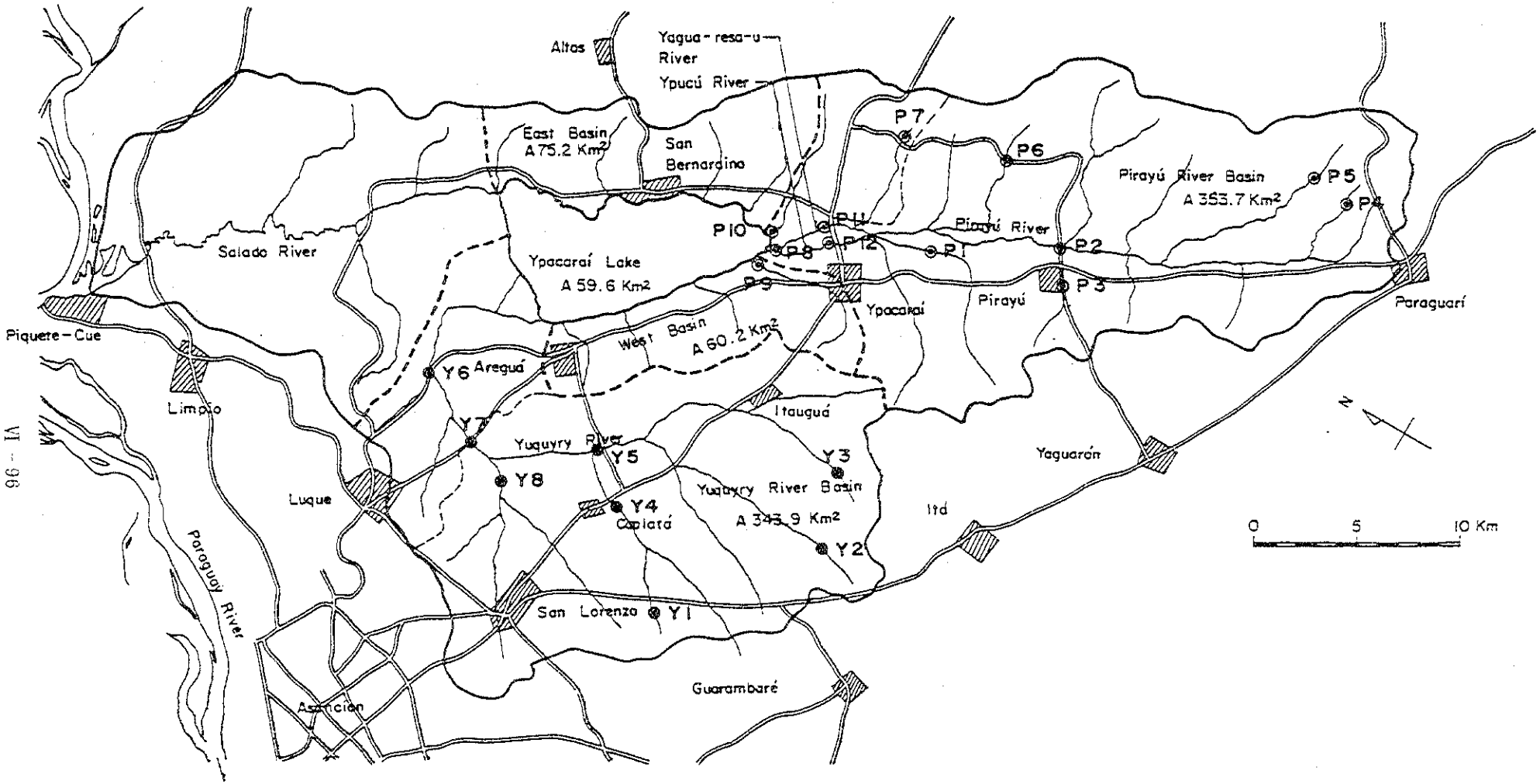


Fig.S6.2.1 Stations for the Regular Sampling and the Water System Sampling on the Rivers

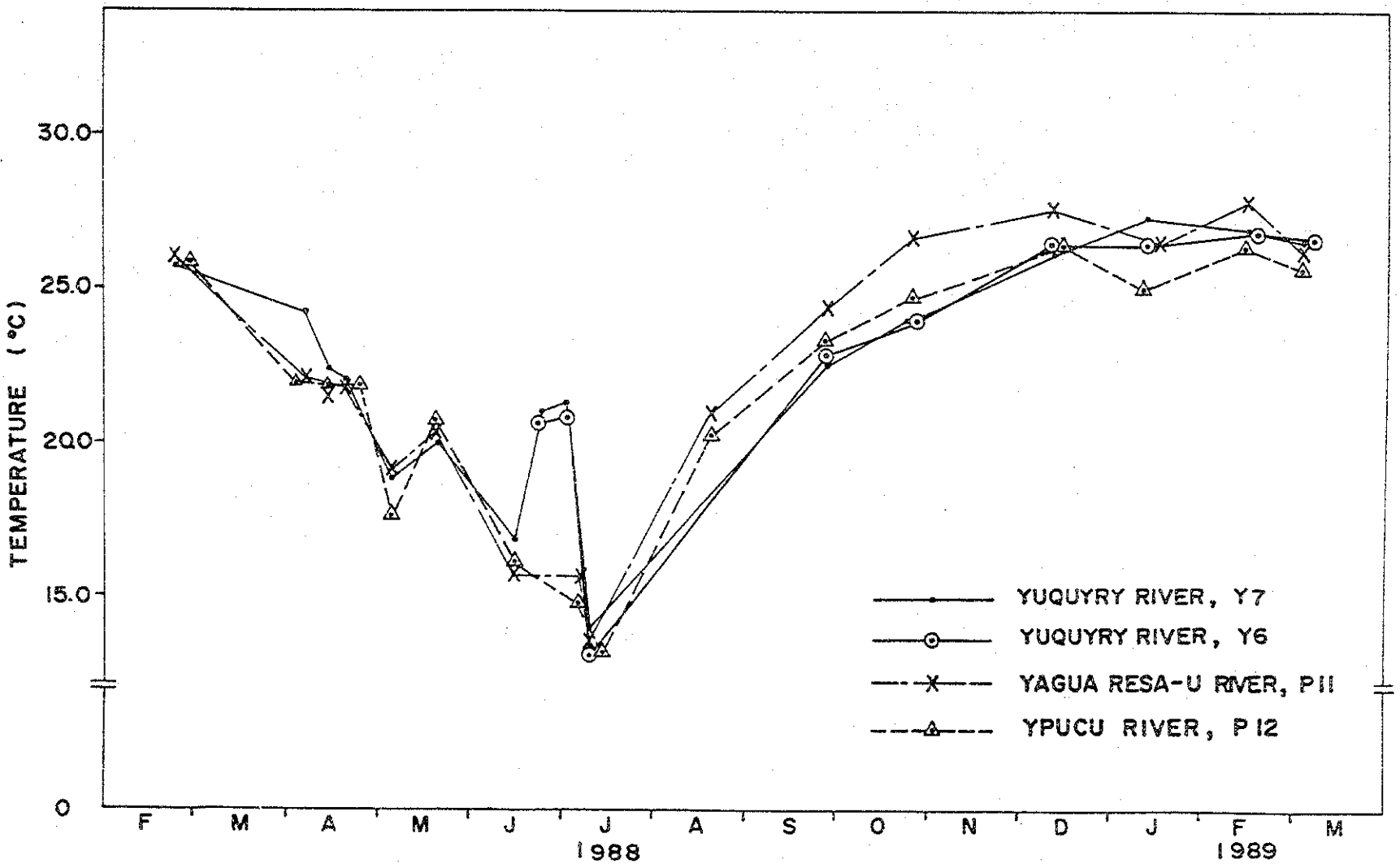


Fig. S6.2.2 Monthly Temperature Variation in the Three Rivers

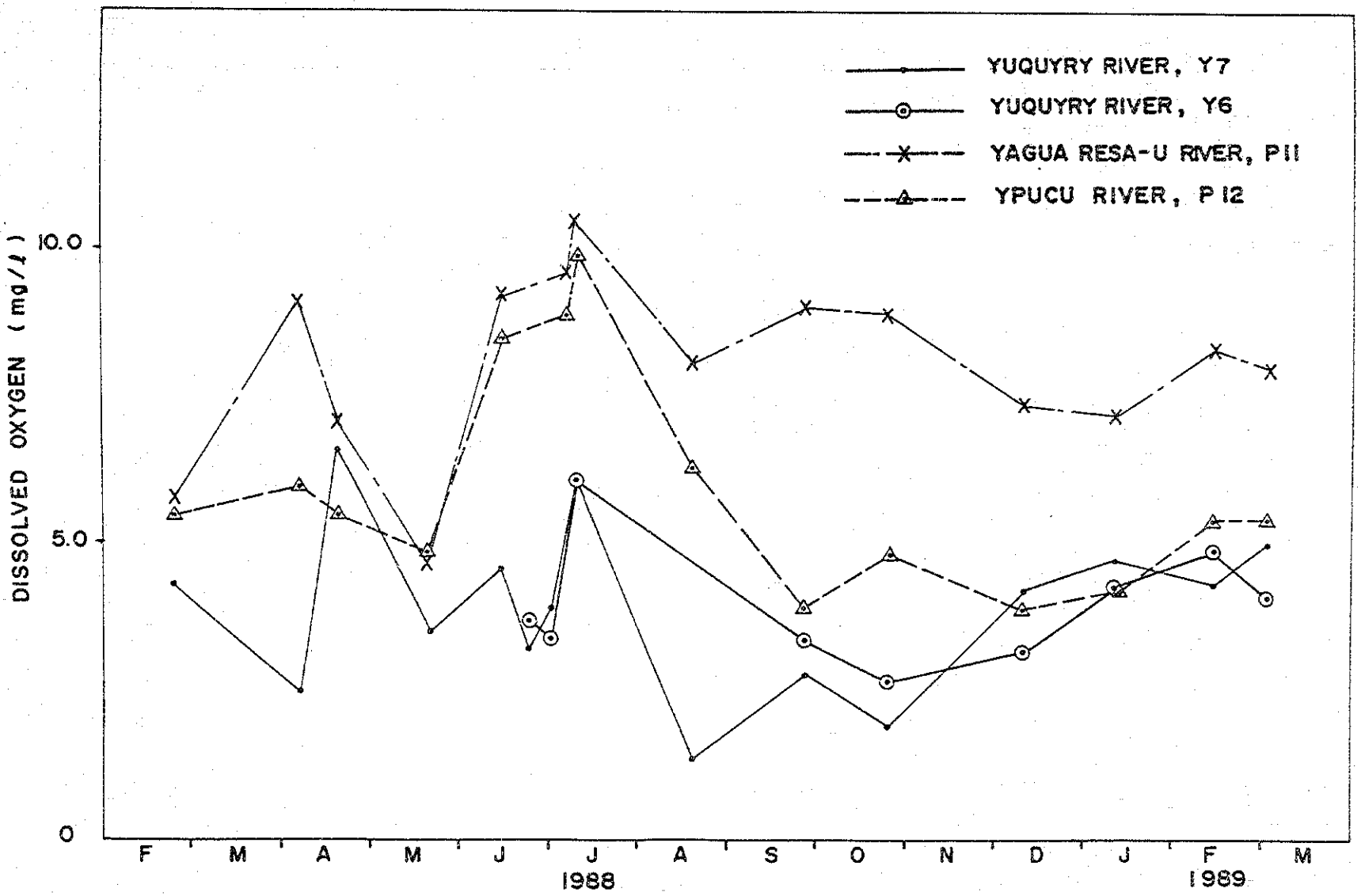


Fig. S6.2.3 Monthly DO Variation in the Three Rivers

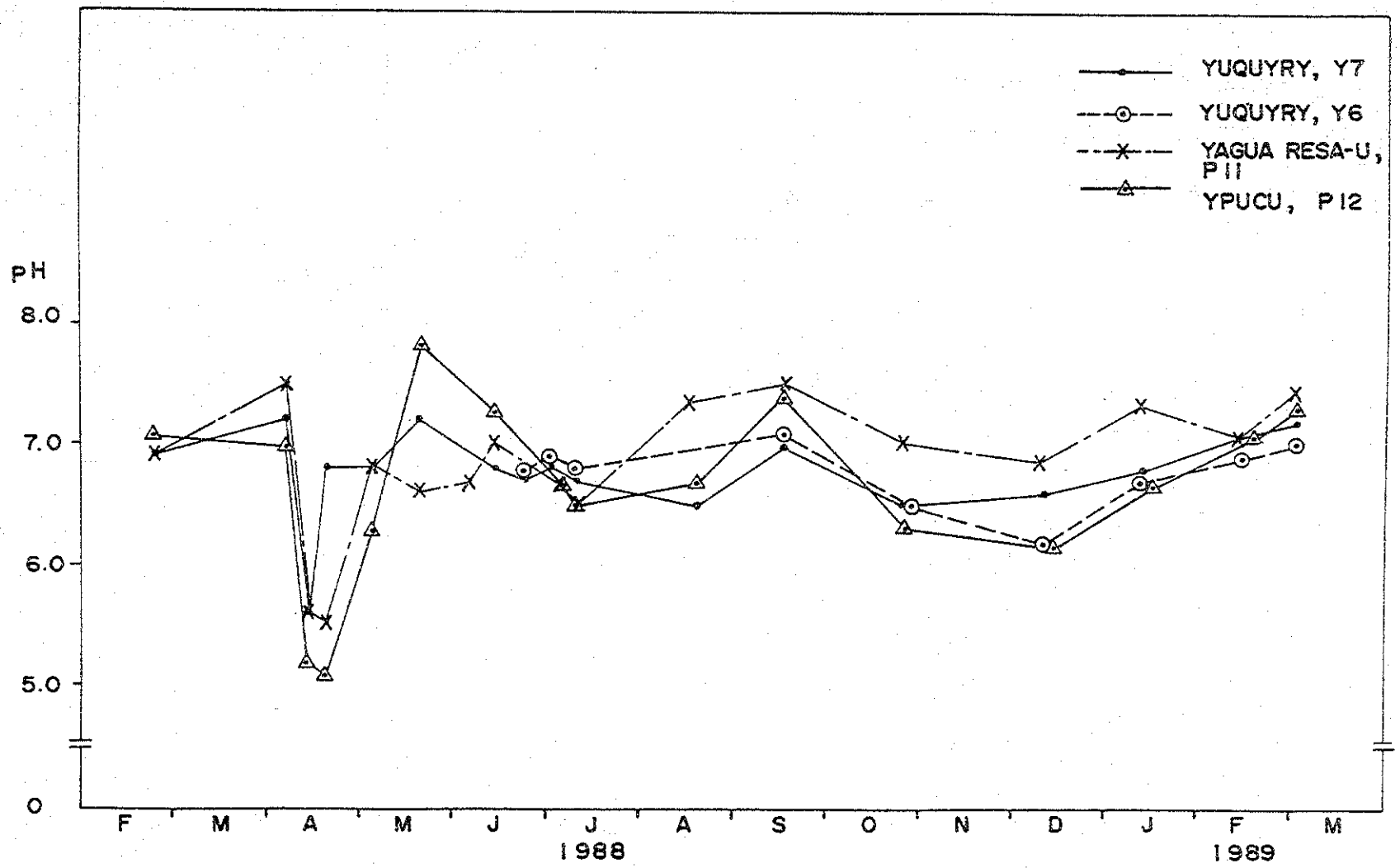


Fig. S6.2.4 Monthly pH Variation in the Three Rivers

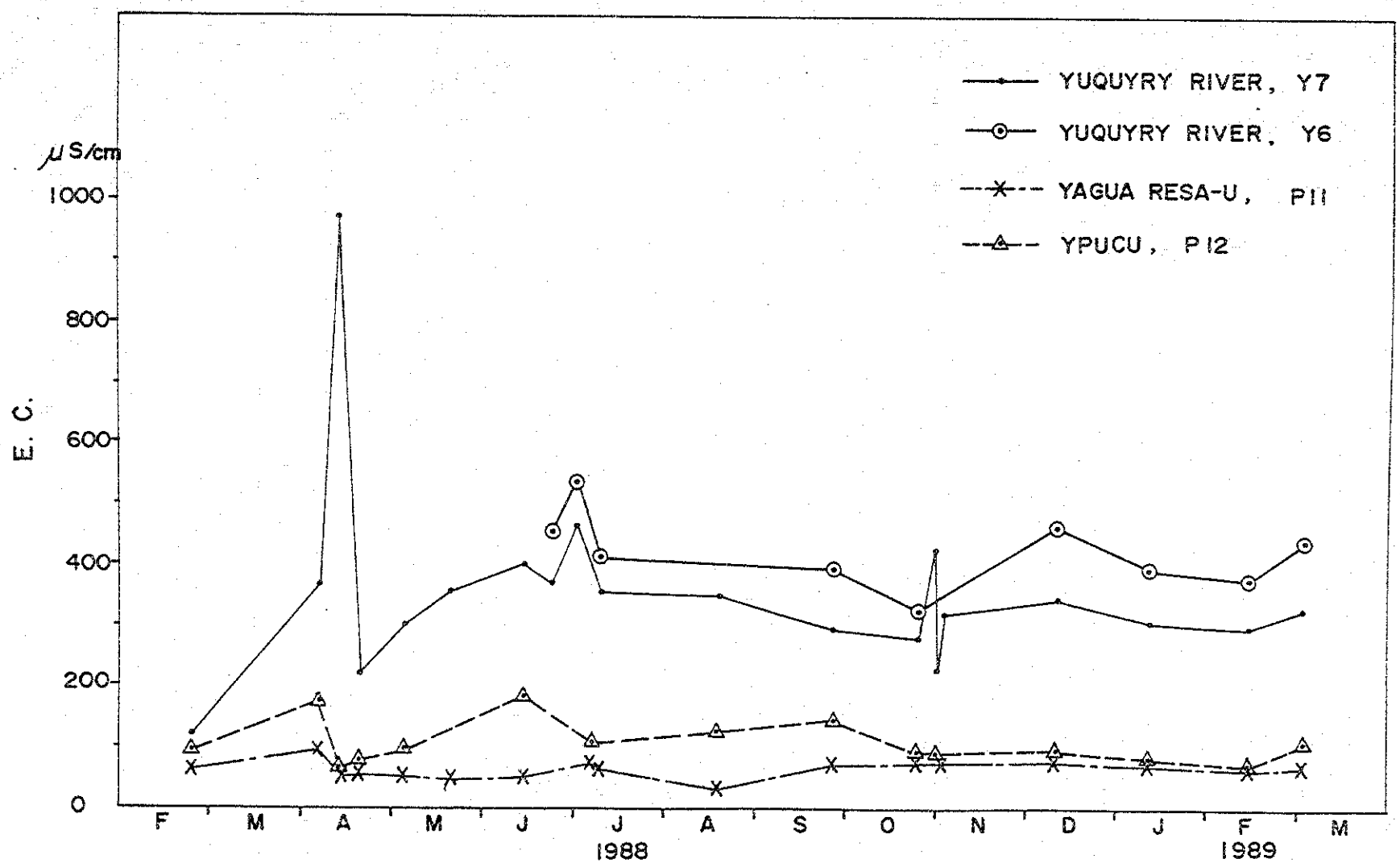


Fig. S6.2.5 Monthly EC Variation in the Three Rivers

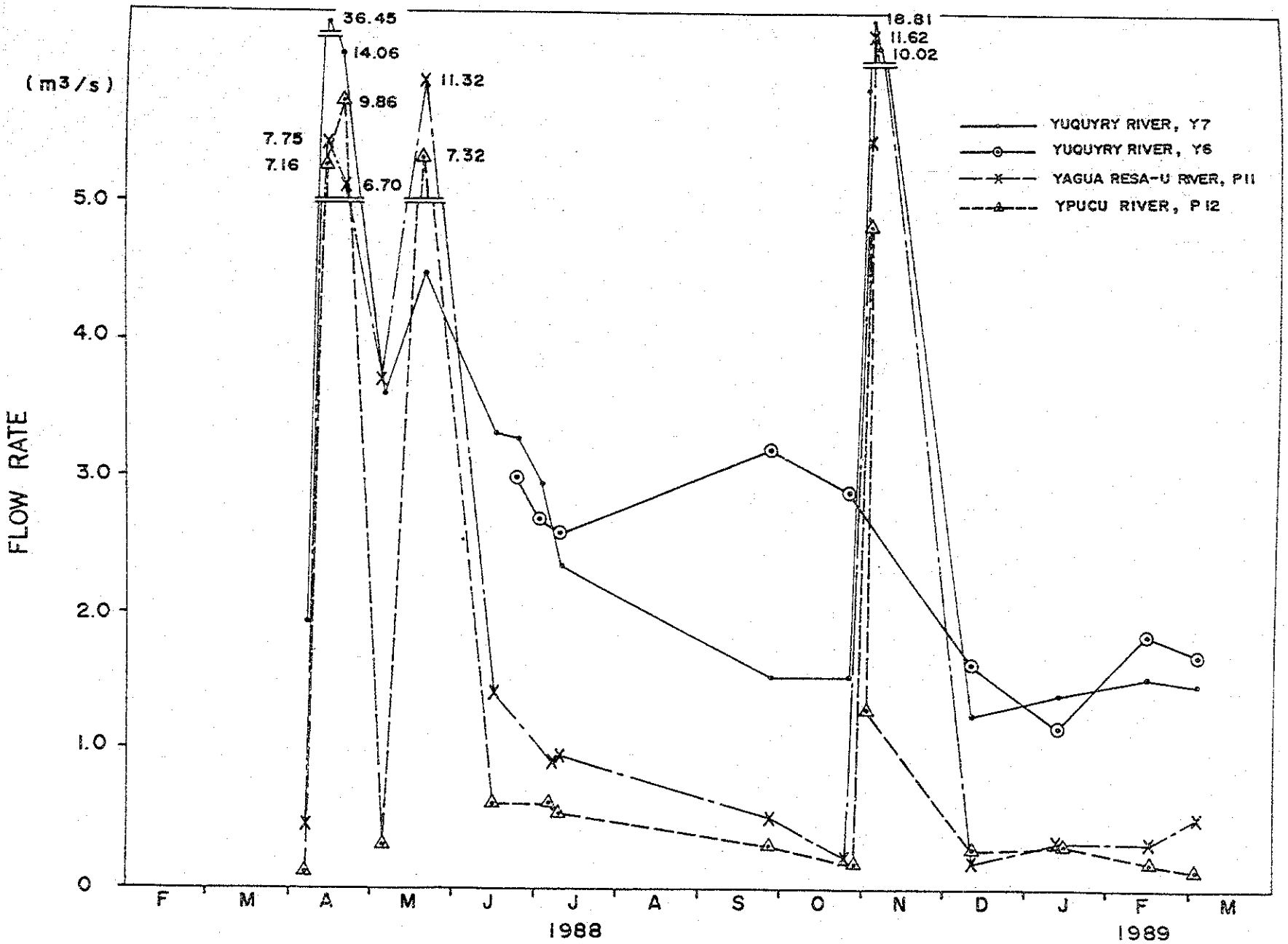


Fig. S6.2.6 Flow Rate in the Three Rivers

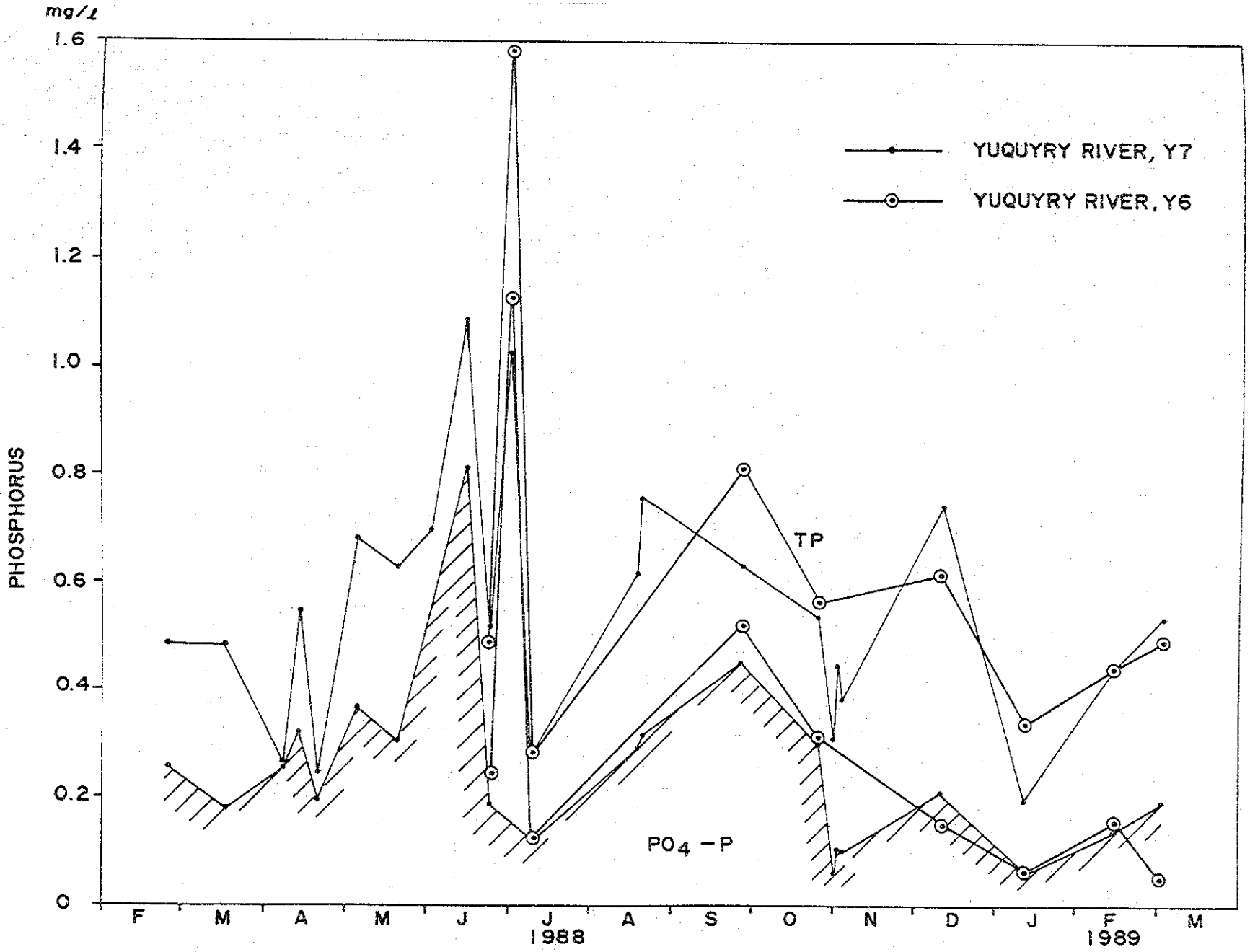


Fig. S6.2.7 Monthly Phosphorus Variation at Y6 and Y7, Yuquyry River

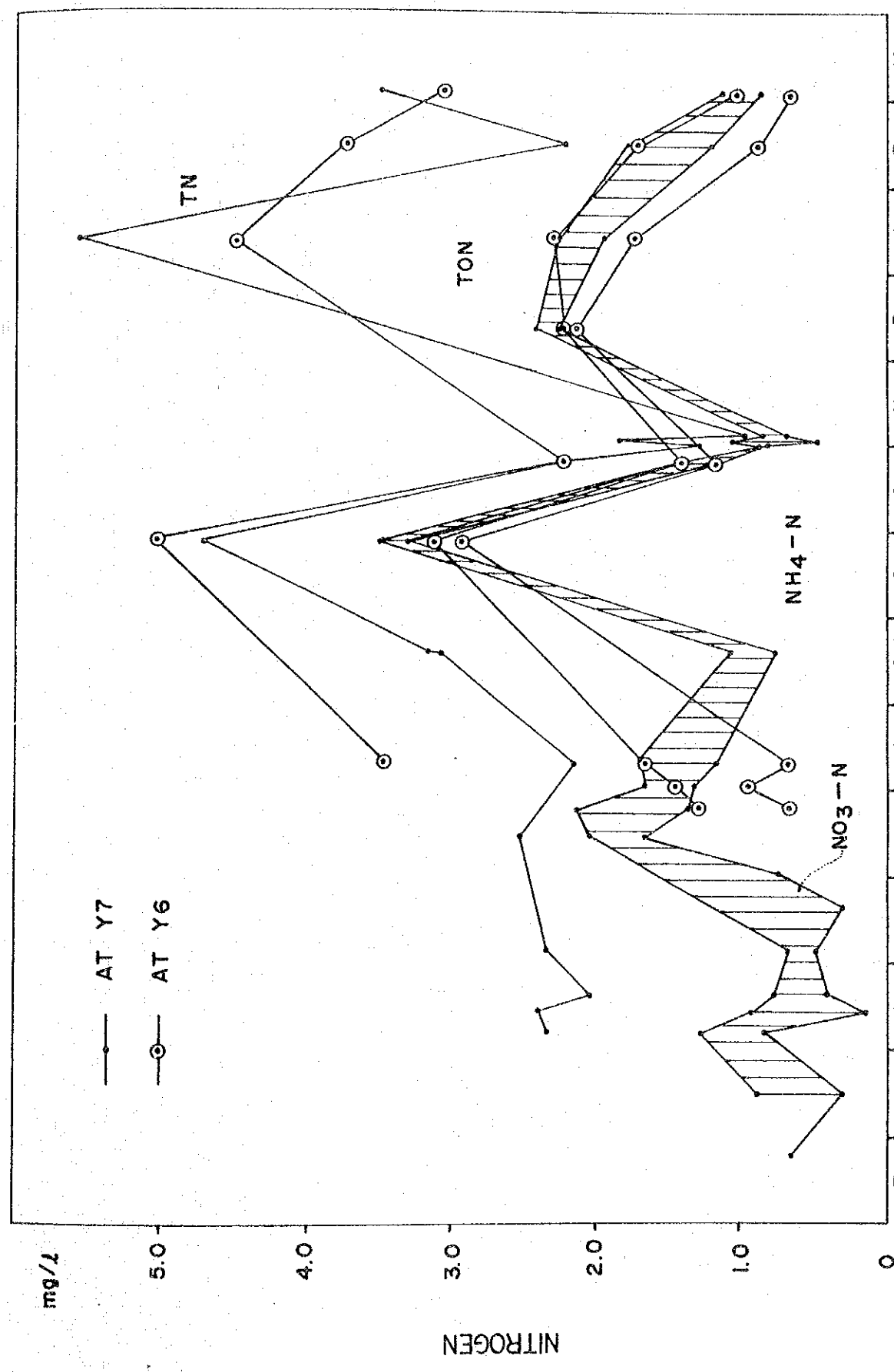


Fig. S6.2.8 Monthly Nitrogen Variation at Y6 and Y7, Yuquyry River

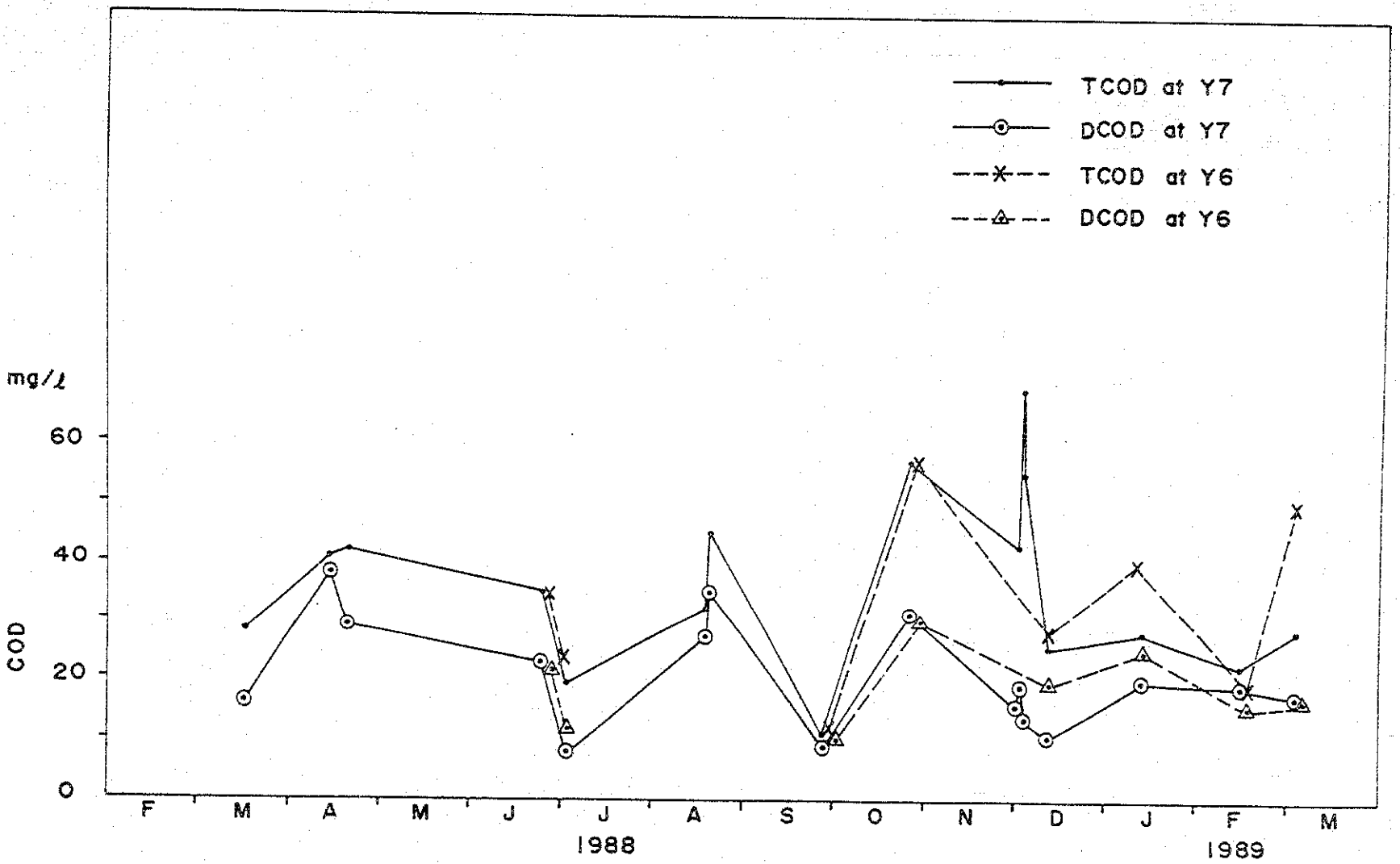


Fig. S6.2.9 Monthly COD Variation at Y6 and Y7, Yuquyry River

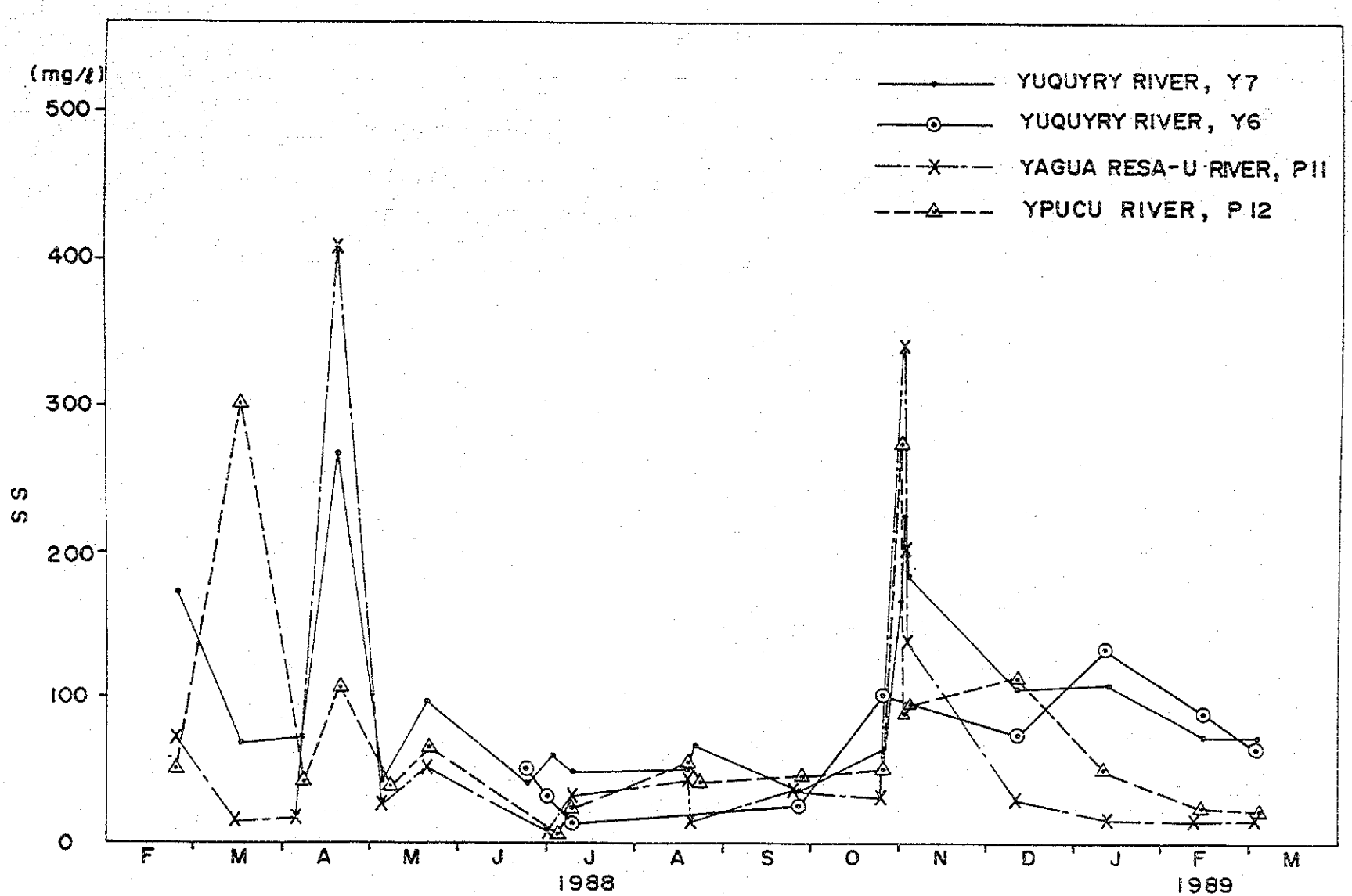


Fig. S6.2.10 Monthly SS Variation in the Three Rivers

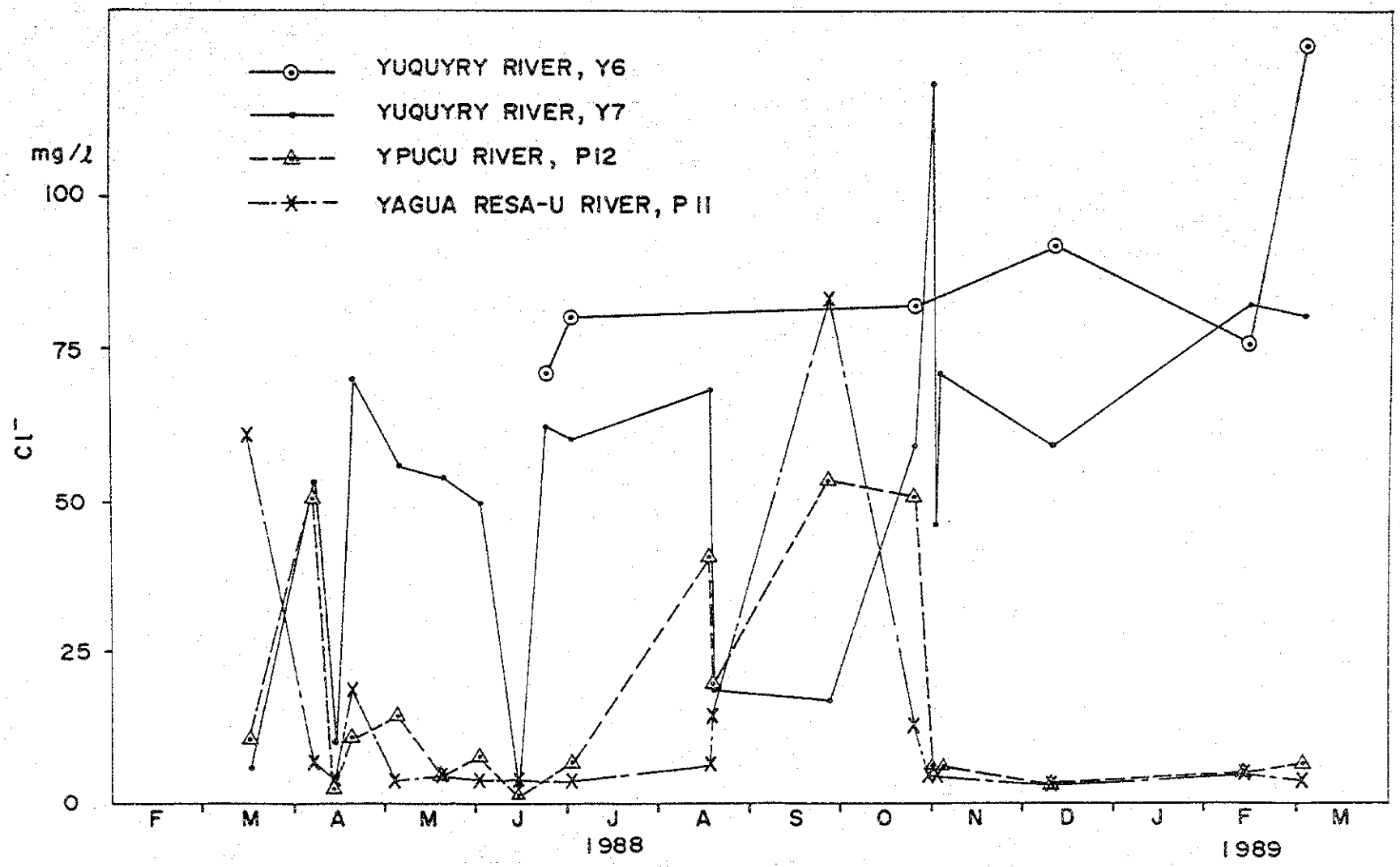


Fig.S6.2.11 Monthly Cl^- Variation in the Three Rivers

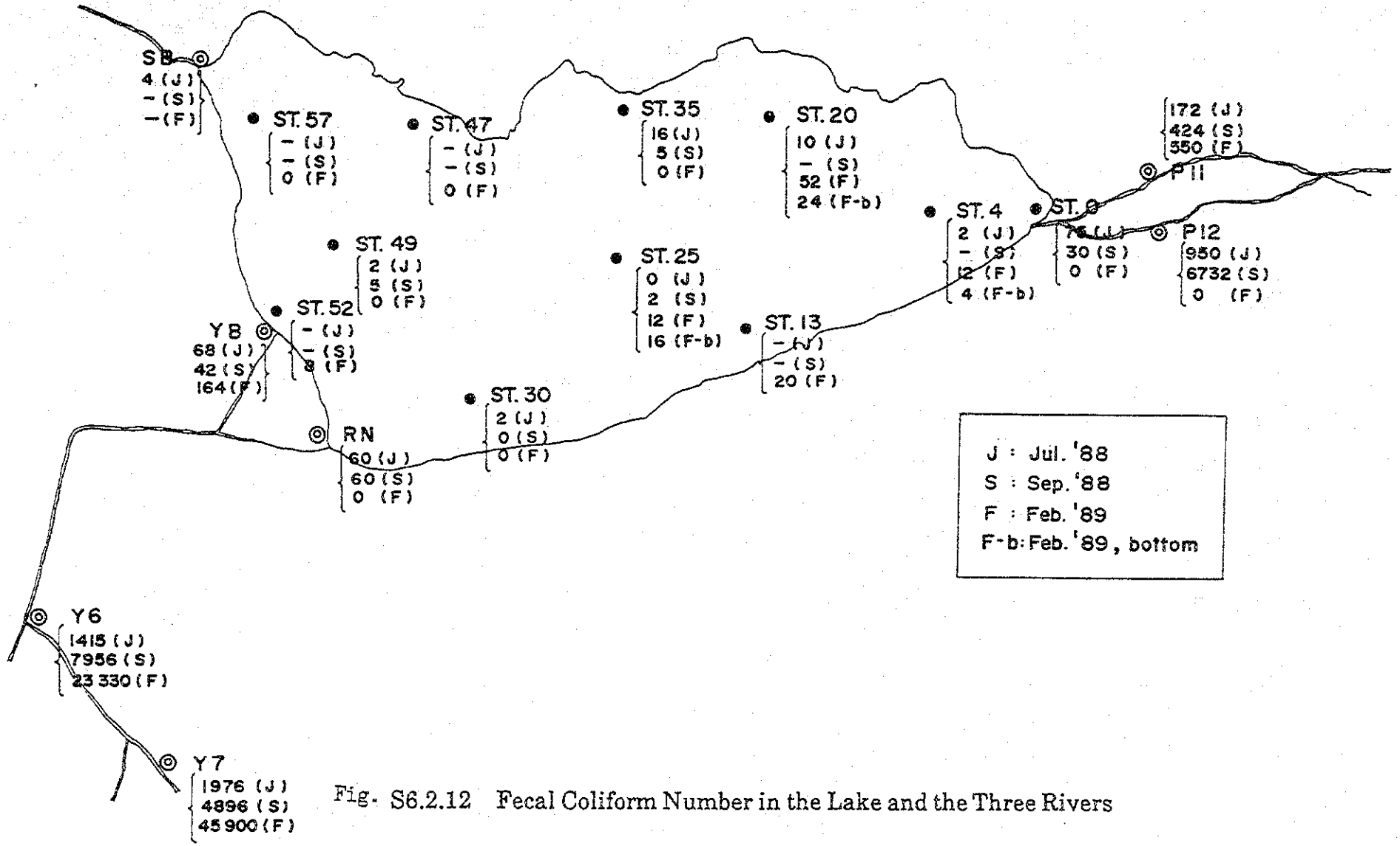


Fig. S6.2.12 Fecal Coliform Number in the Lake and the Three Rivers

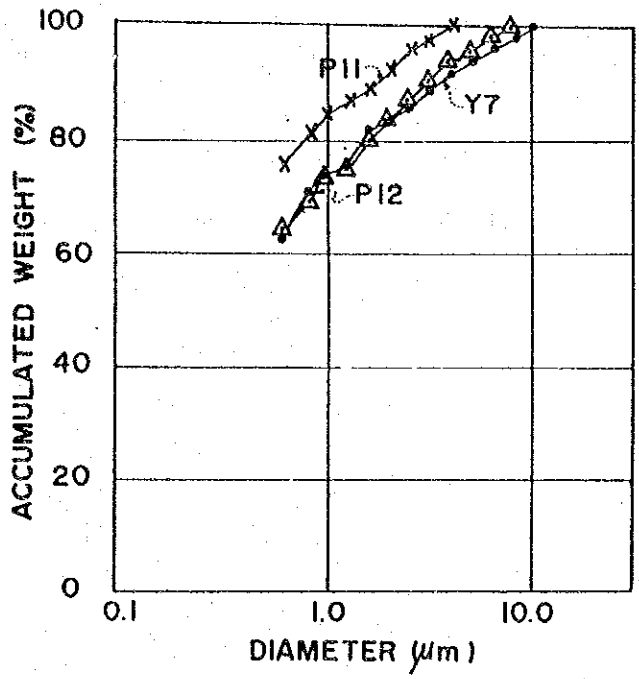


Fig. S6.2.13 Diameter of Particles in the Water of the Three Rivers

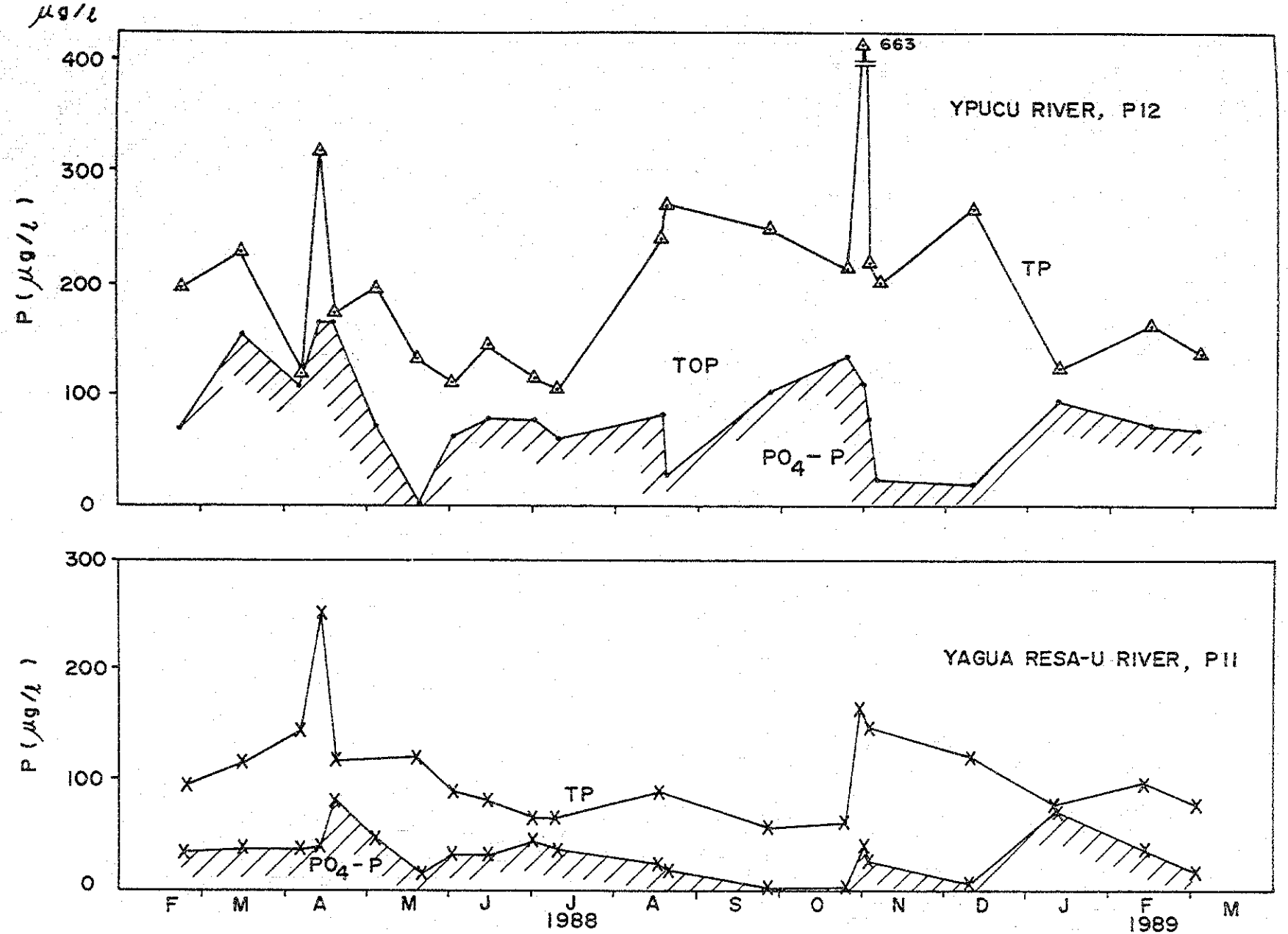


Fig.S6.2.14 Monthly Phosphorus Variation at P11 and P12, Y.Resa-u and Ypucu Rivers

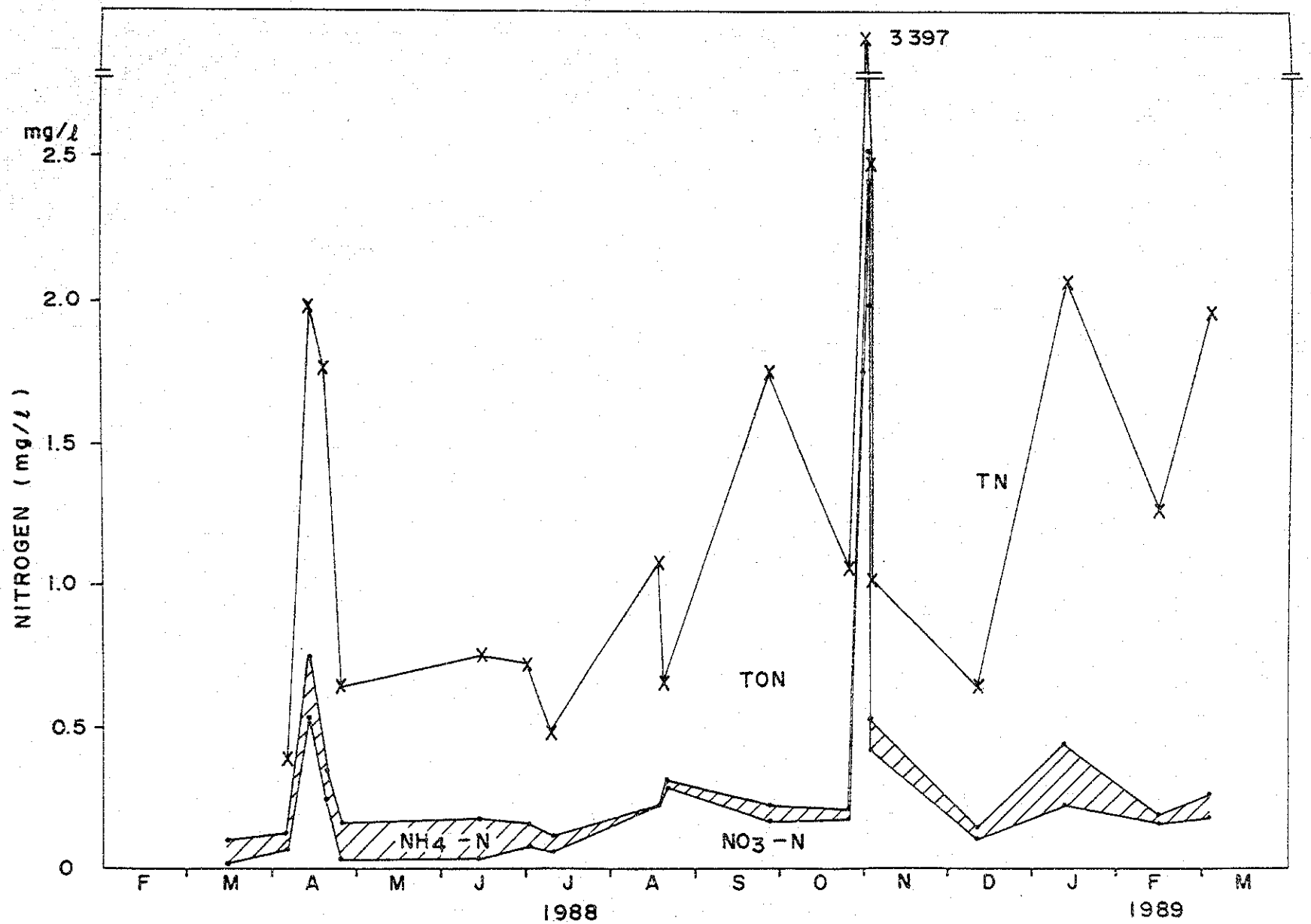


Fig. S6.2.15 Monthly Nitrogen Variation at P11, Y.Resa-u River

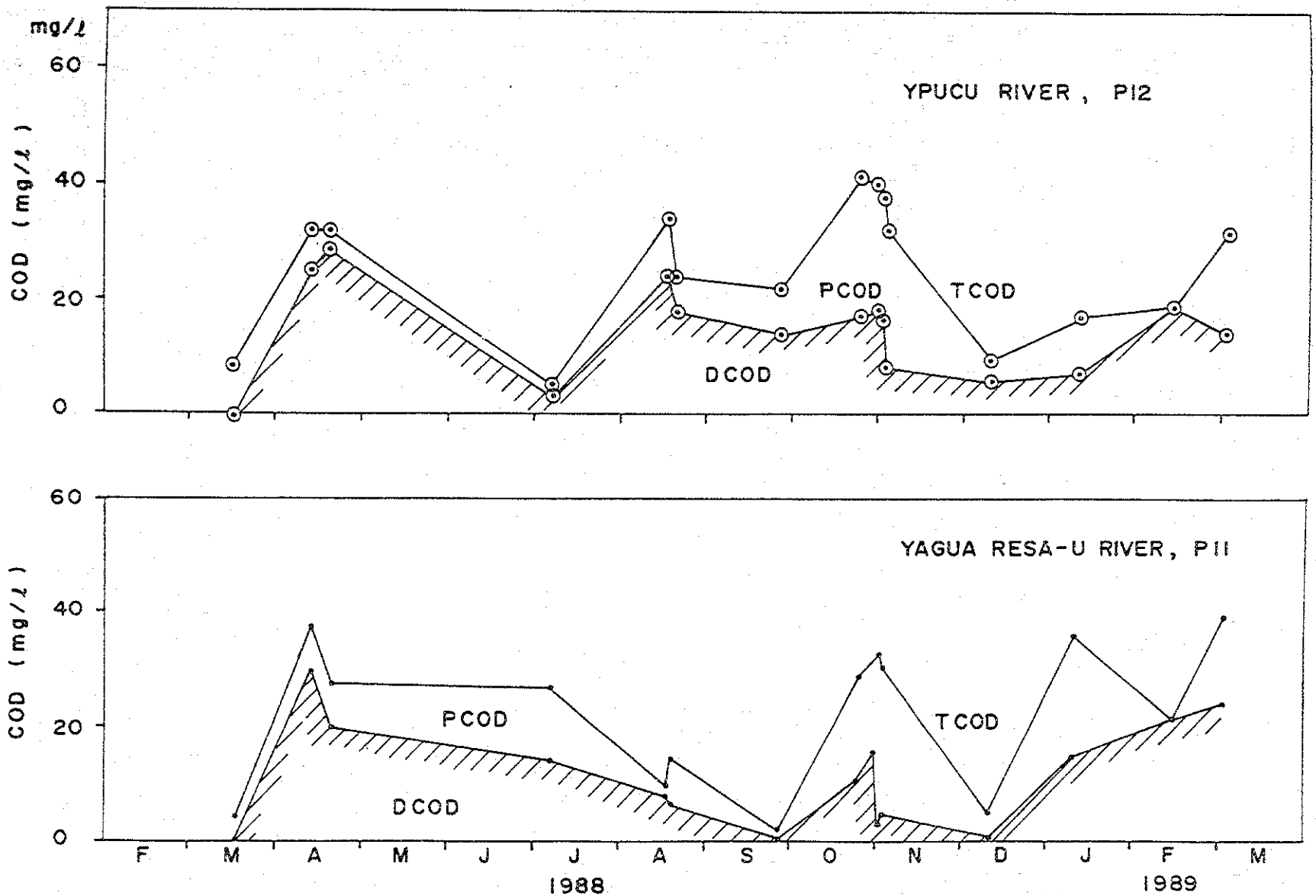


Fig. S6.2.16 Monthly COD Variation at P11 and P12, Y.Resa-u and Ypucu Rivers

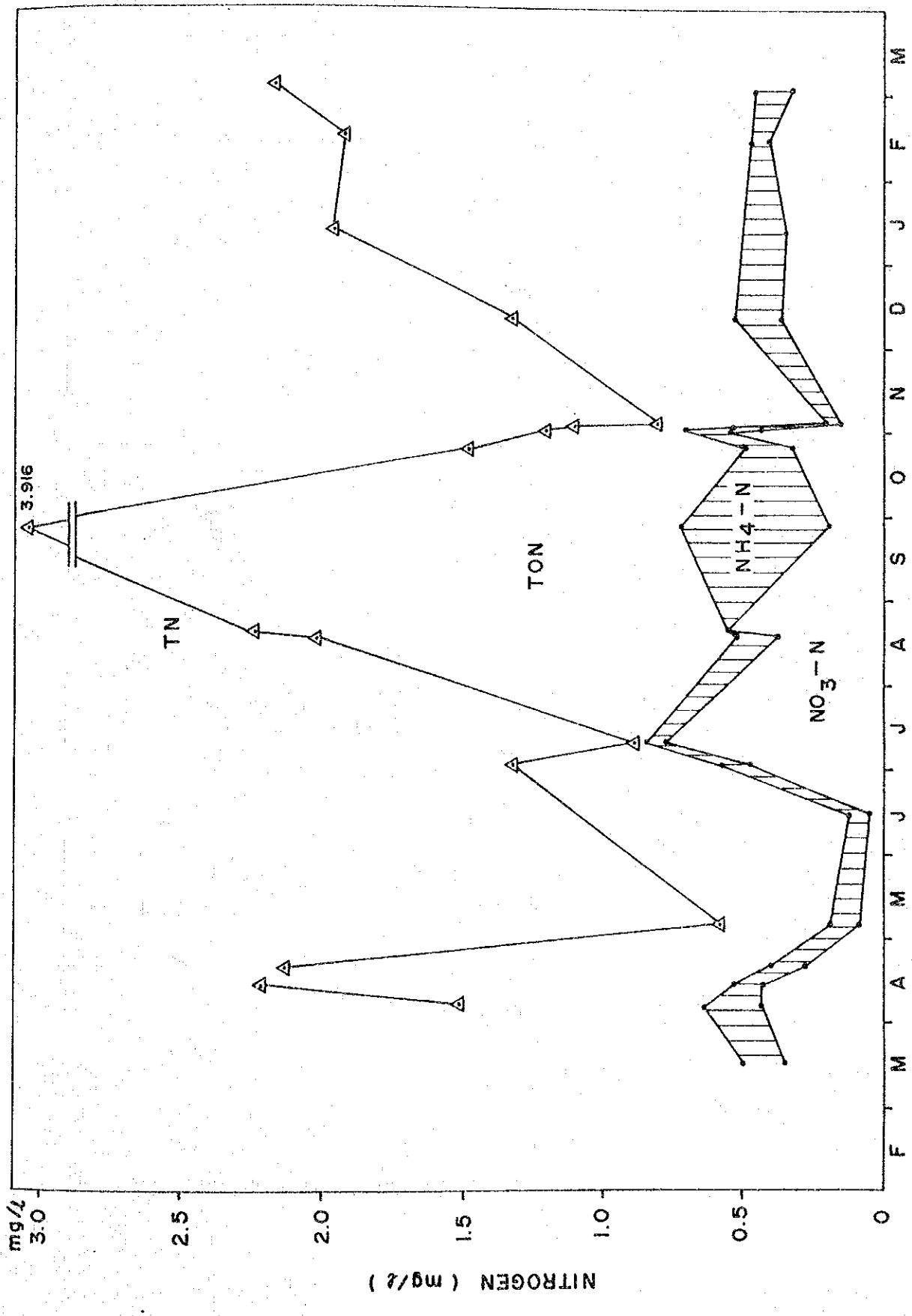


Fig. S6.2.17 Monthly Nitrogen Variation at P12, Ypucu River

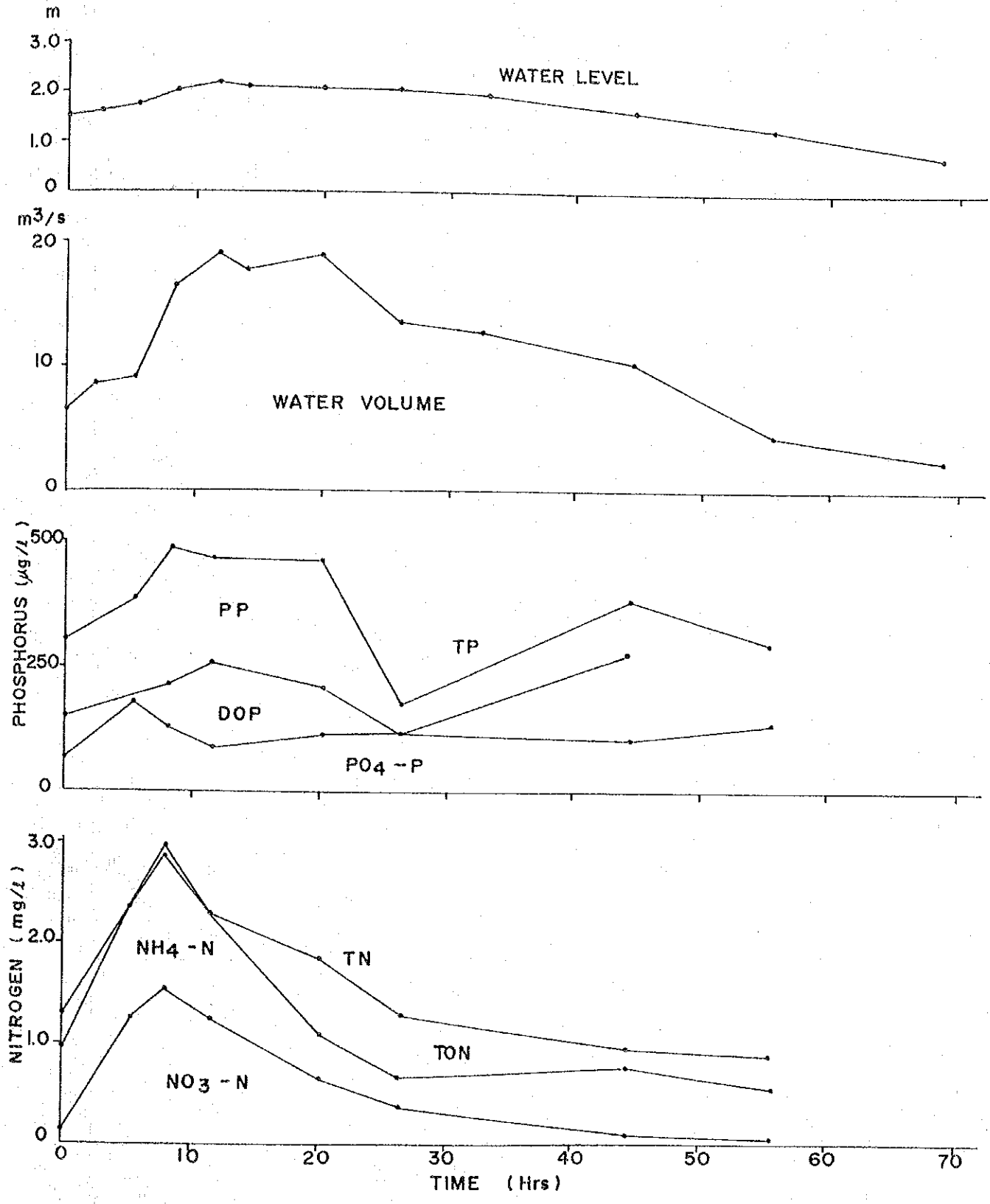


Fig. S6.2.18 Water quality of Yuquyry River on the Day after Rainfall

(Oct. 31 ~ Nov. 4, '88)

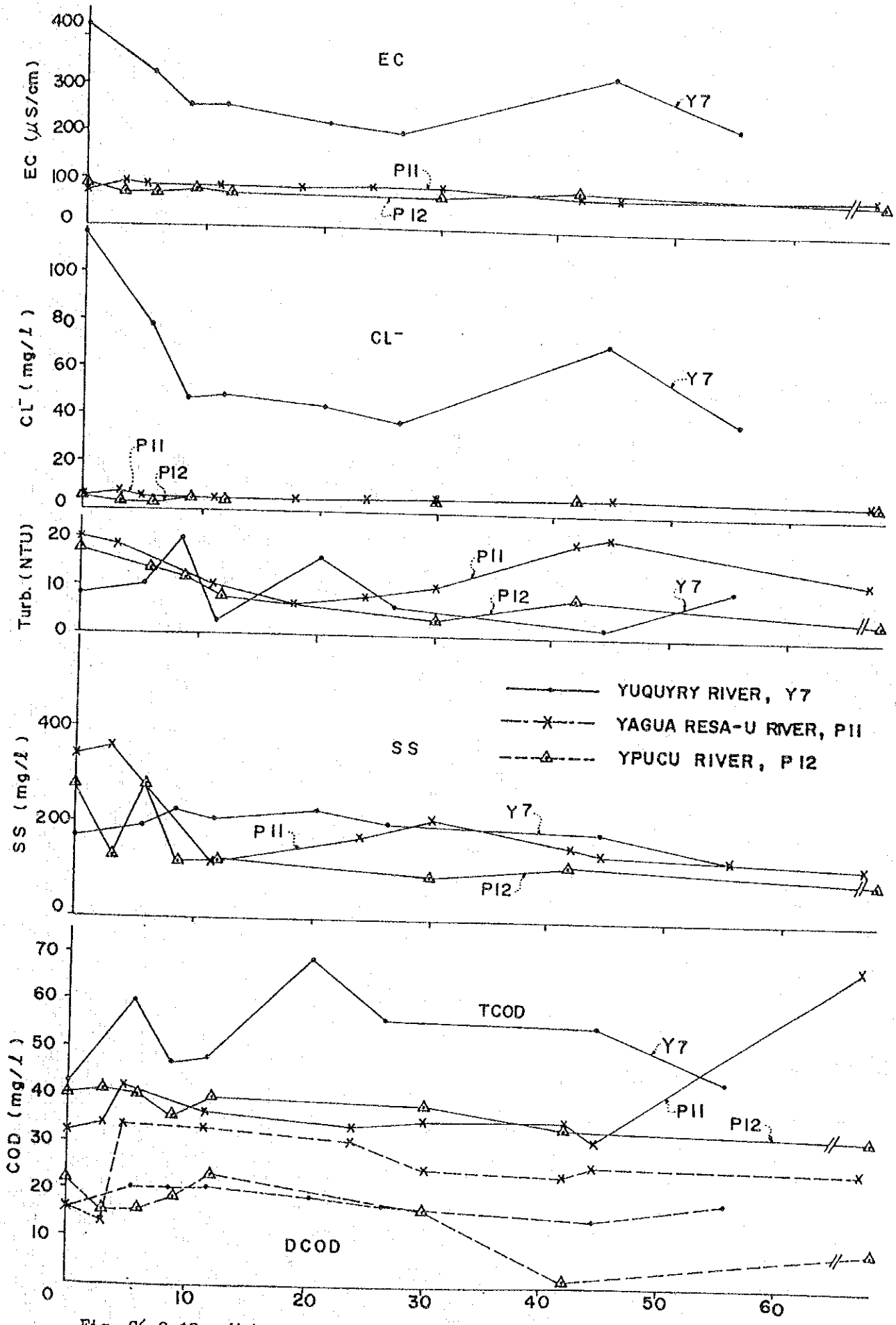


Fig. S6.2.19 Water quality of the Three Rivers on the Day after Rainfall

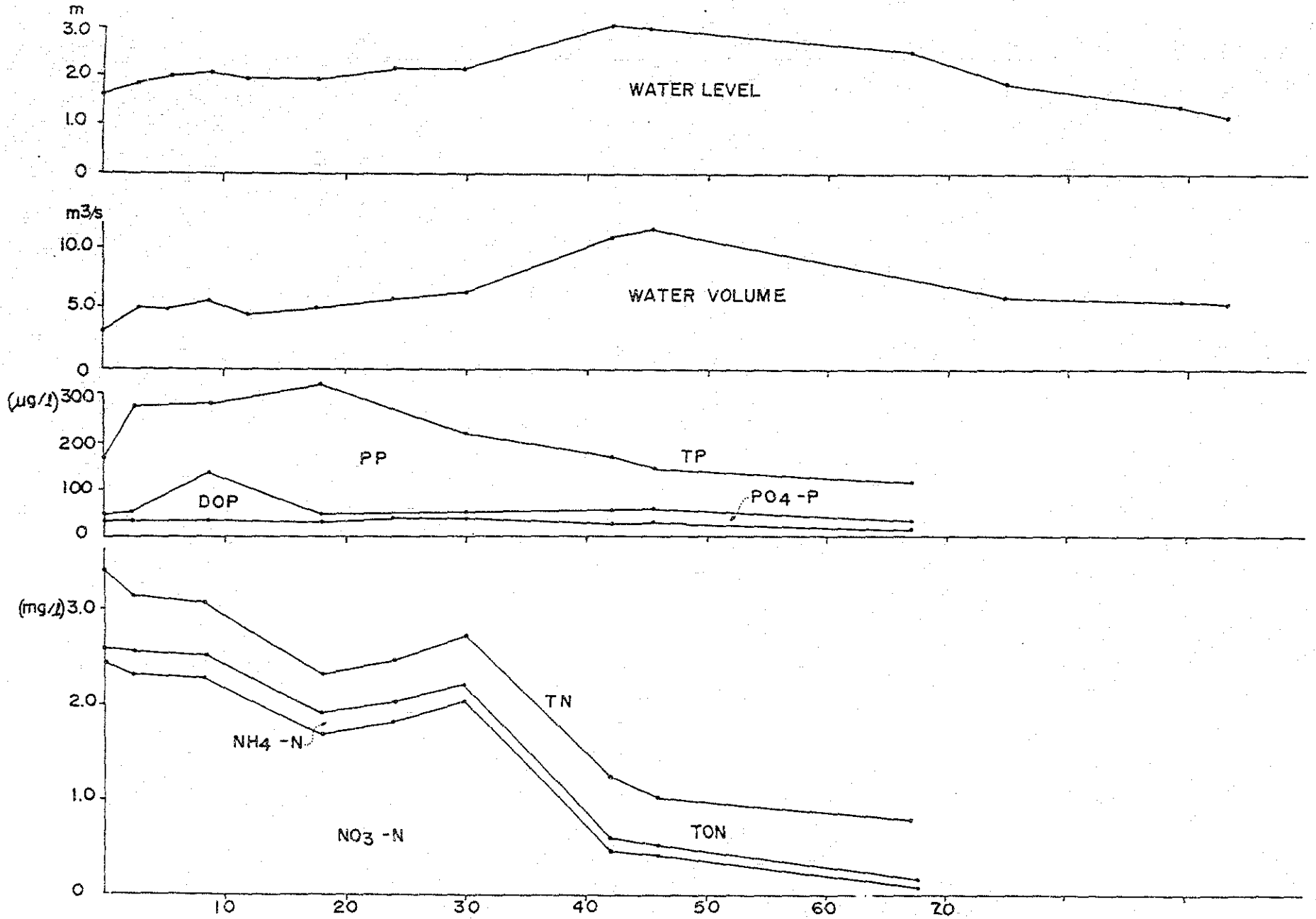


Fig. S6.2.20 Water quality of Y.Resa-u River on the Day after Rainfall

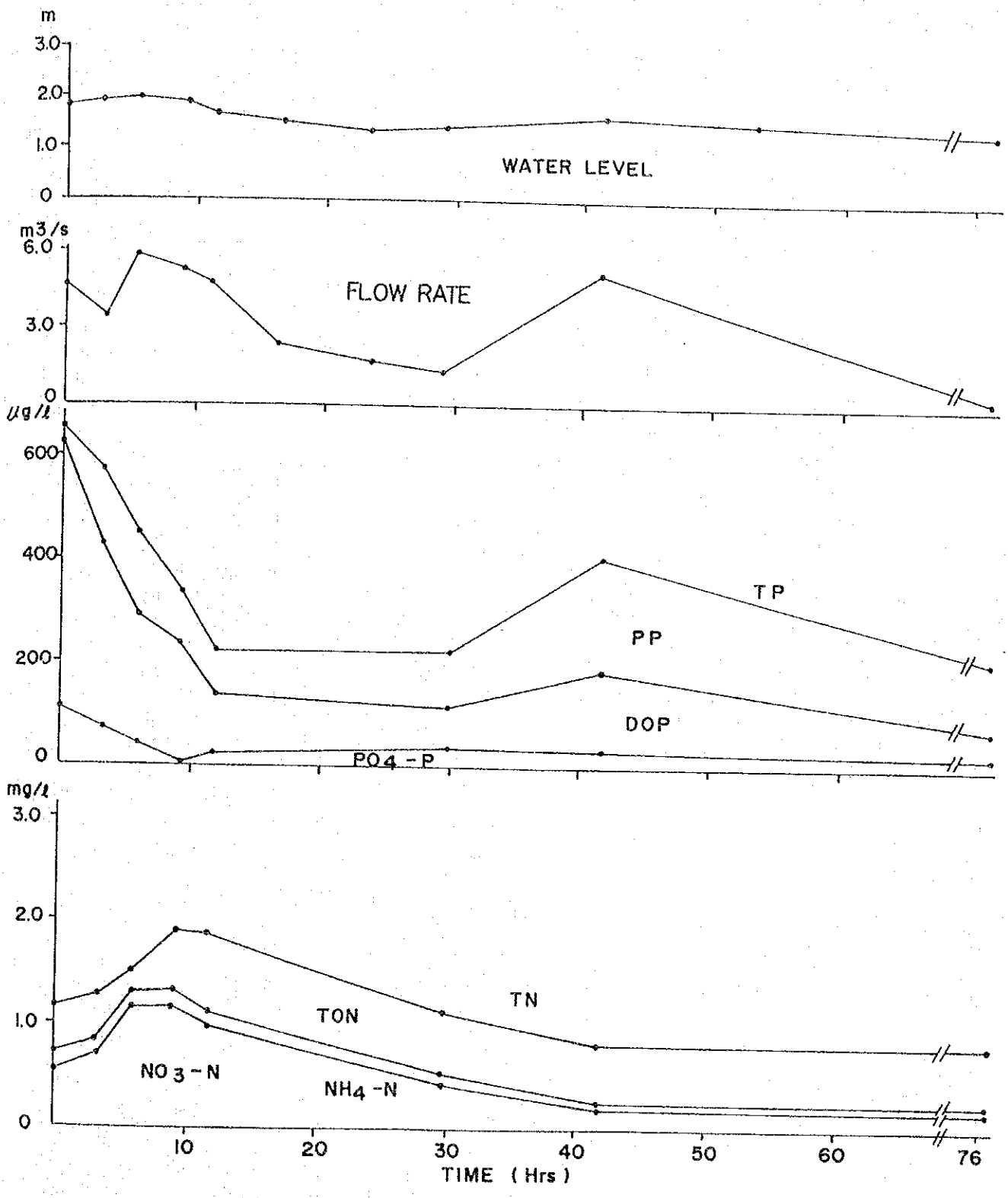


Fig. S6.2.21 Water quality of Ypucu River on the Day after Rainfall

(Oct. 31 ~ Nov. 4, '88)

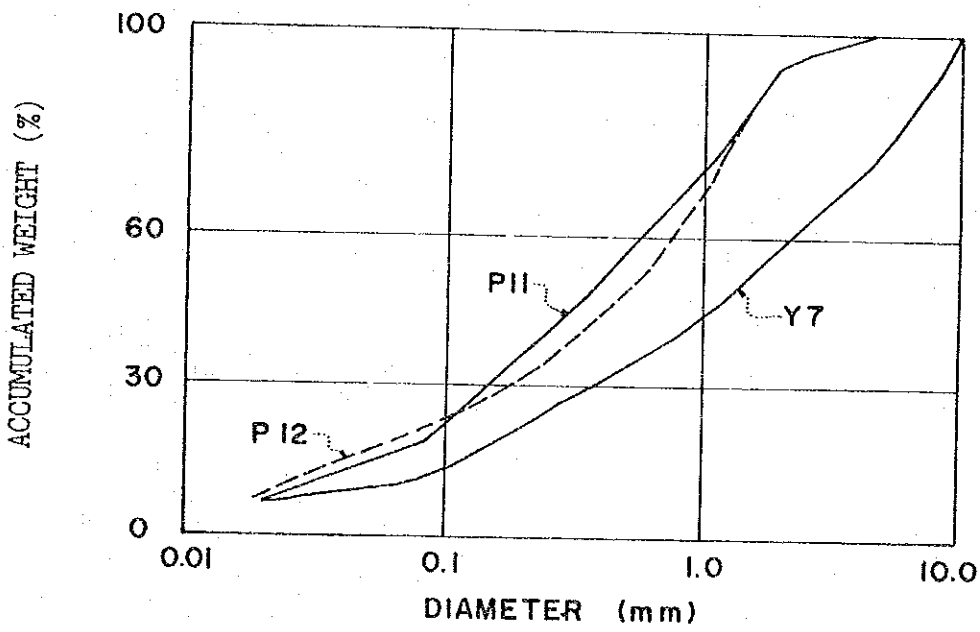


Fig.S.6.3.1 Grain Diameter of the River Sediment

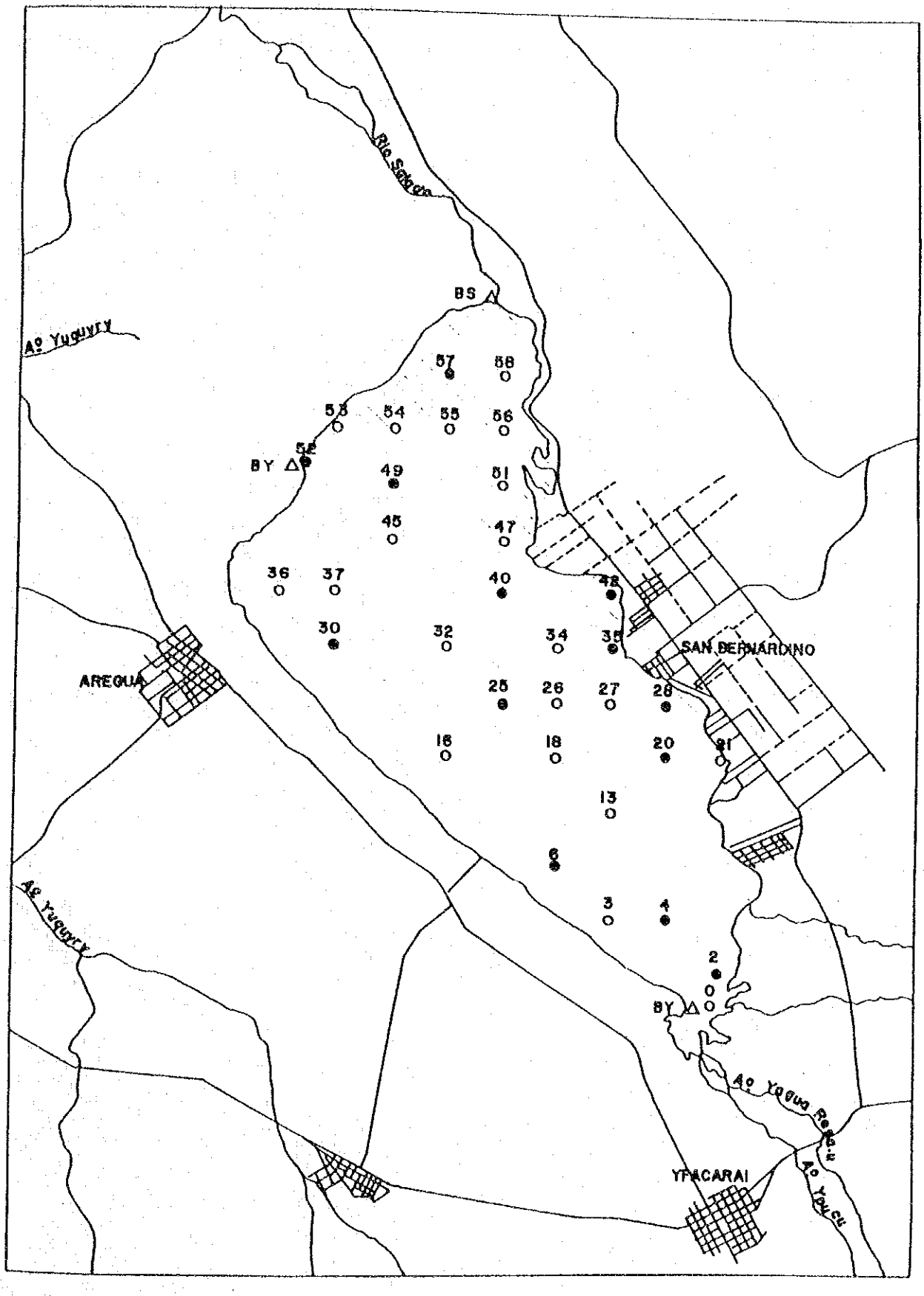


Fig. S6.4.1 Sampling Stations in the Lake

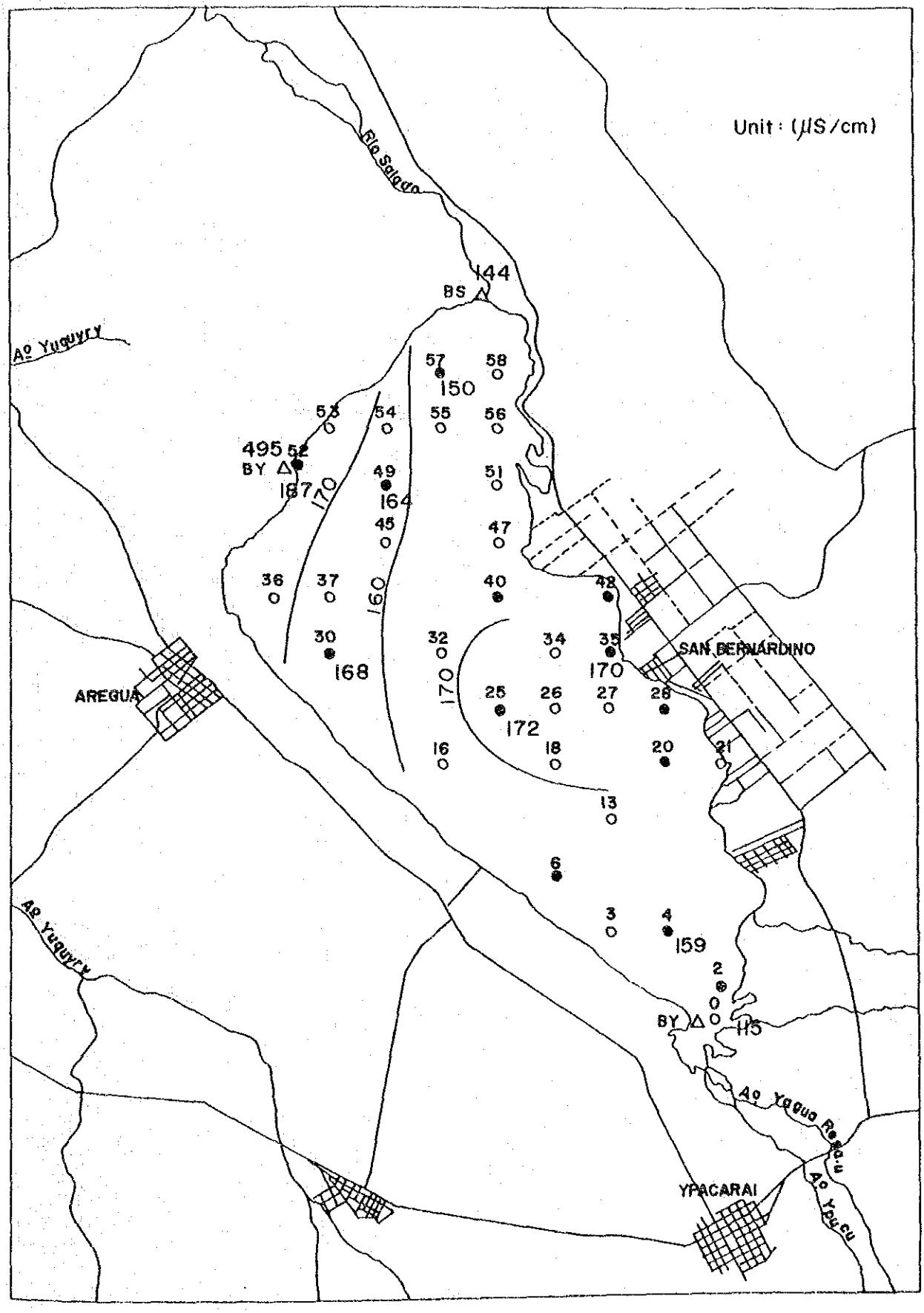


Fig. S6.4.2 EC Surface Distribution on Mar.22, 1988

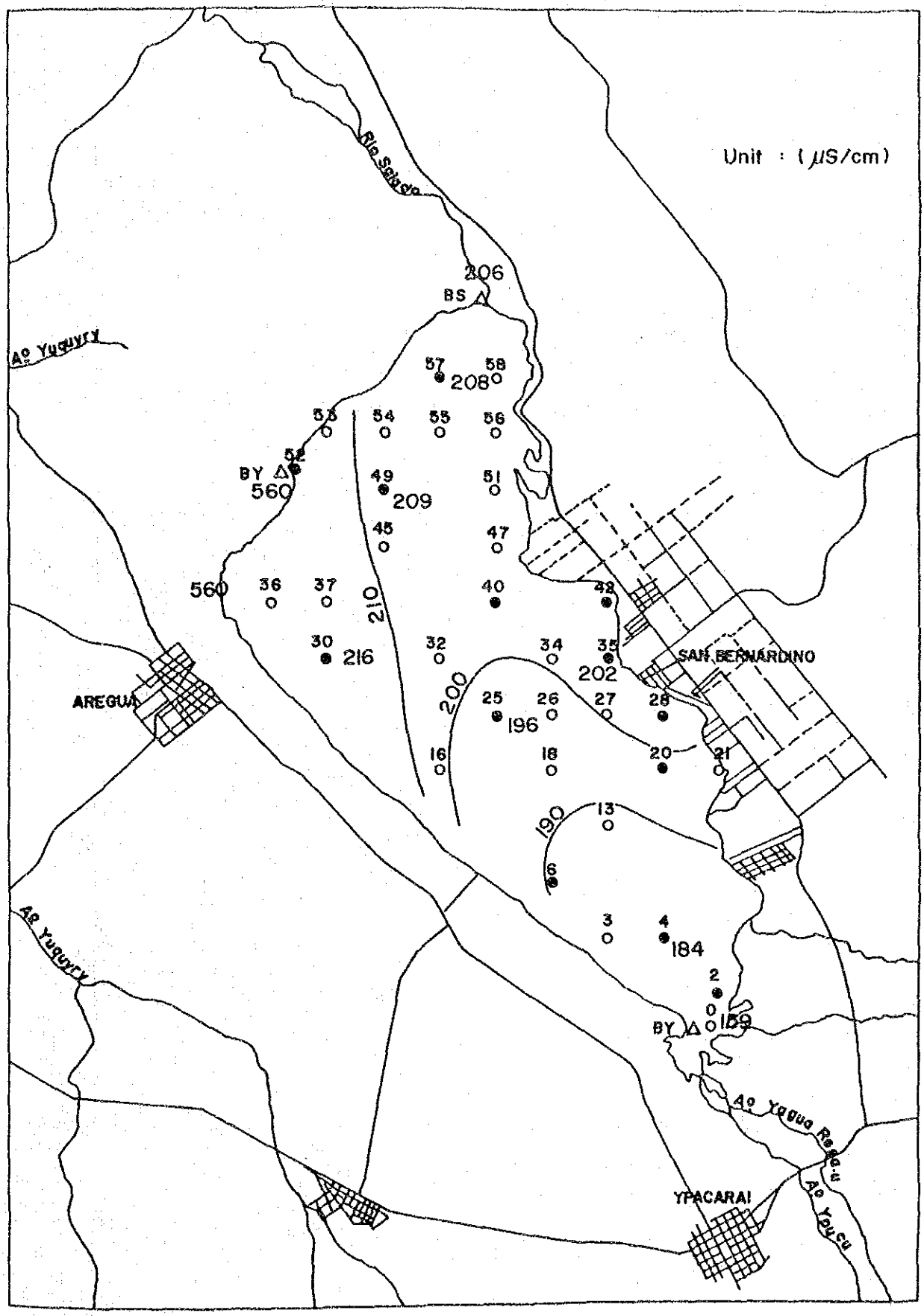


Fig. S6.4.3 EC Surface Distribution on Dec.6, 1988

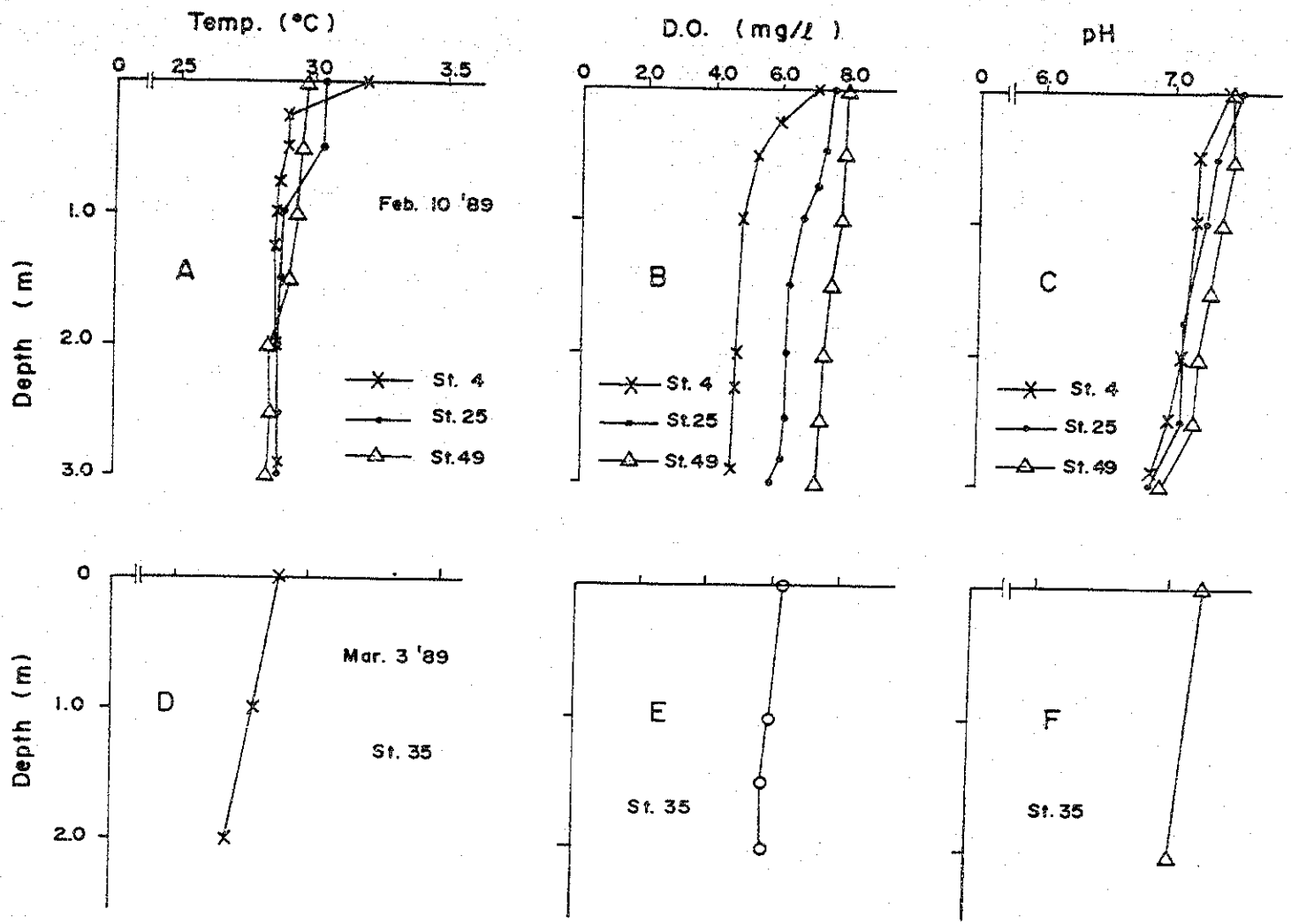


Fig. S6.4.4 Vertical Distributions of Temp., DO and pH in the Lake

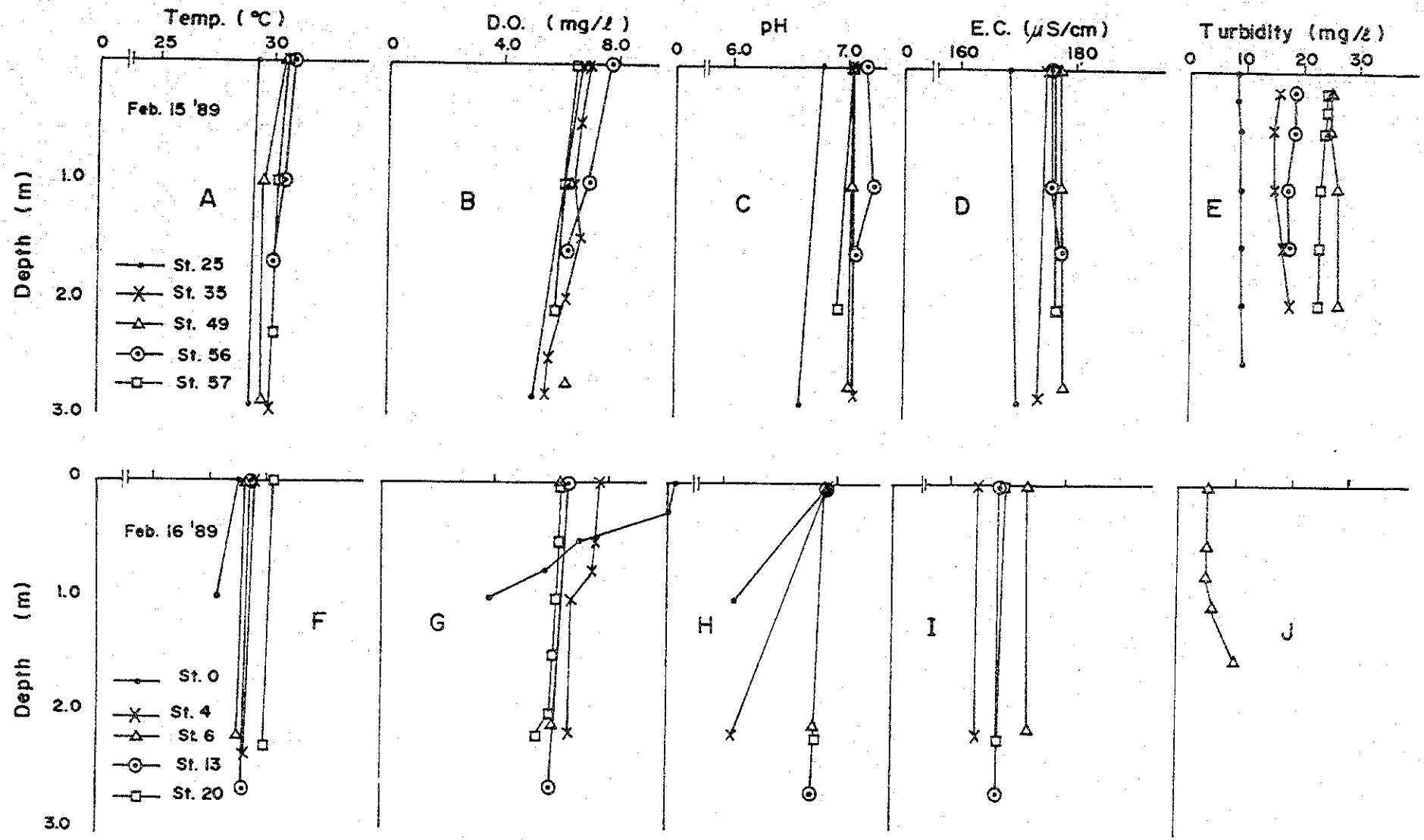


Fig. S6.4.5 Vertical Distributions off Temp., DO, pH, EC and Turbidity in the Lake, on Feb.15 and 16, 1989

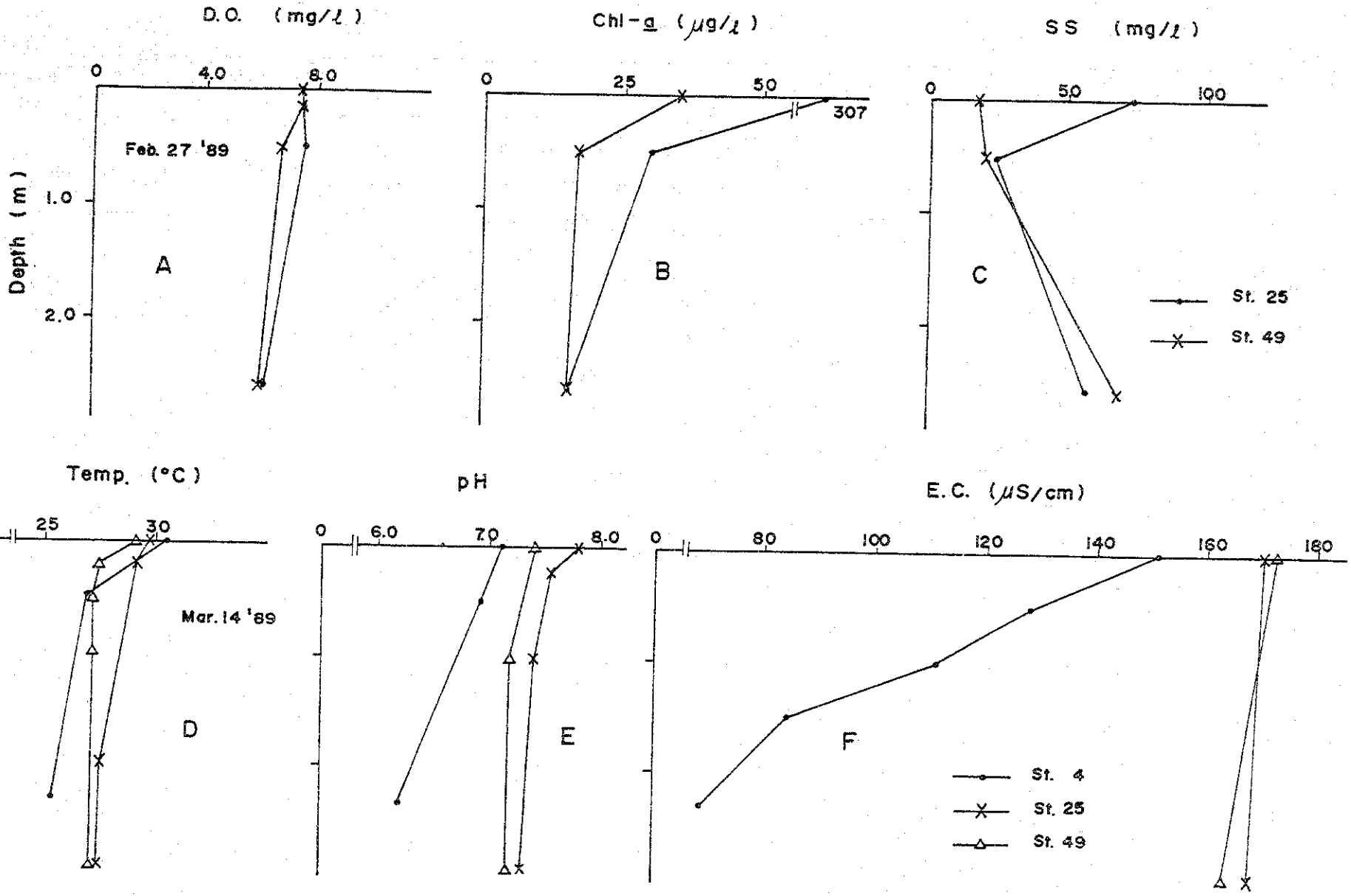


Fig. S6.4.6 Vertical Distributions of Characteristics of Water Quality in the Lake

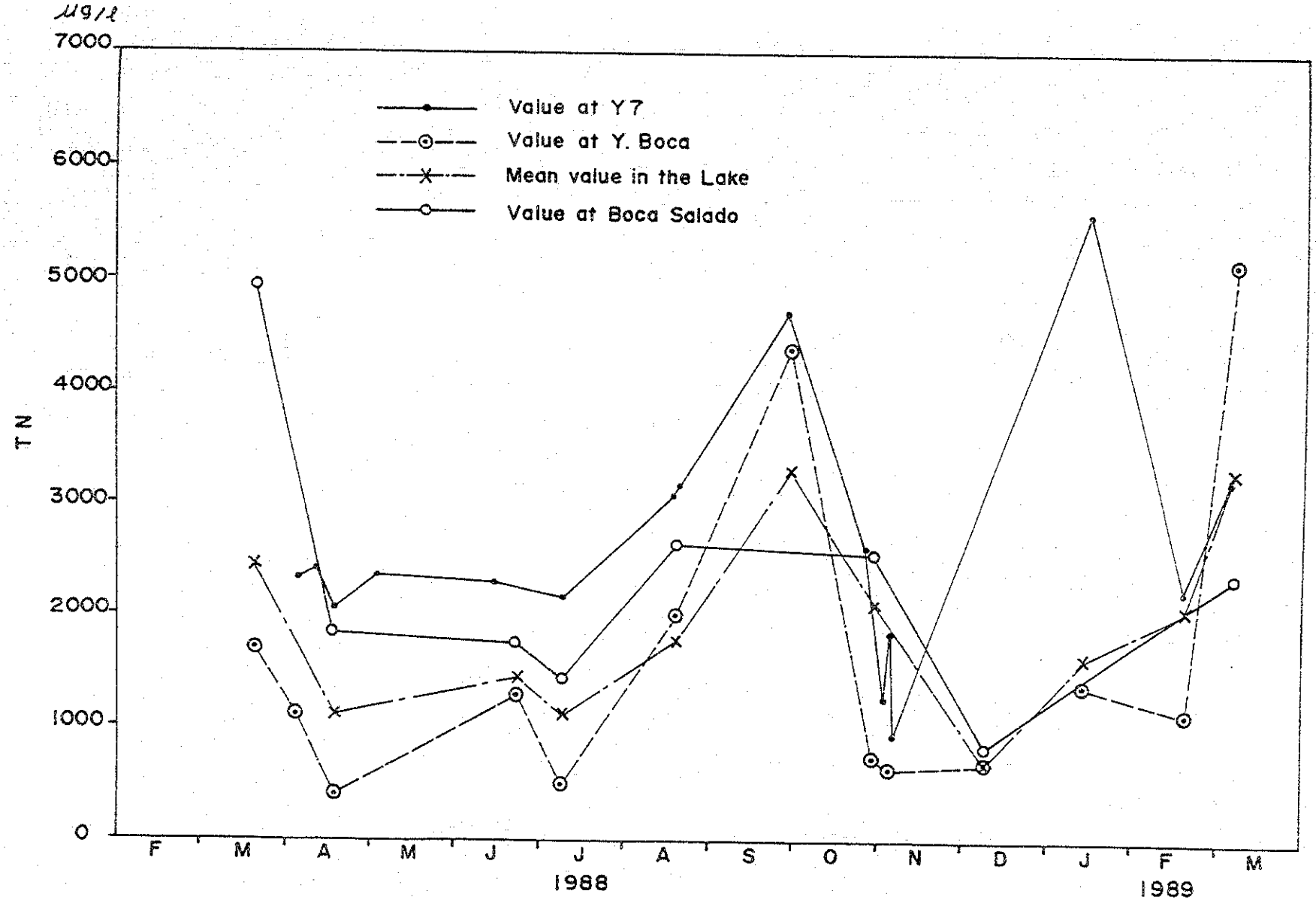


Fig. S6.4.7 Comparison between TN of the Lake, of the Inflowing and the Outflowing Rivers

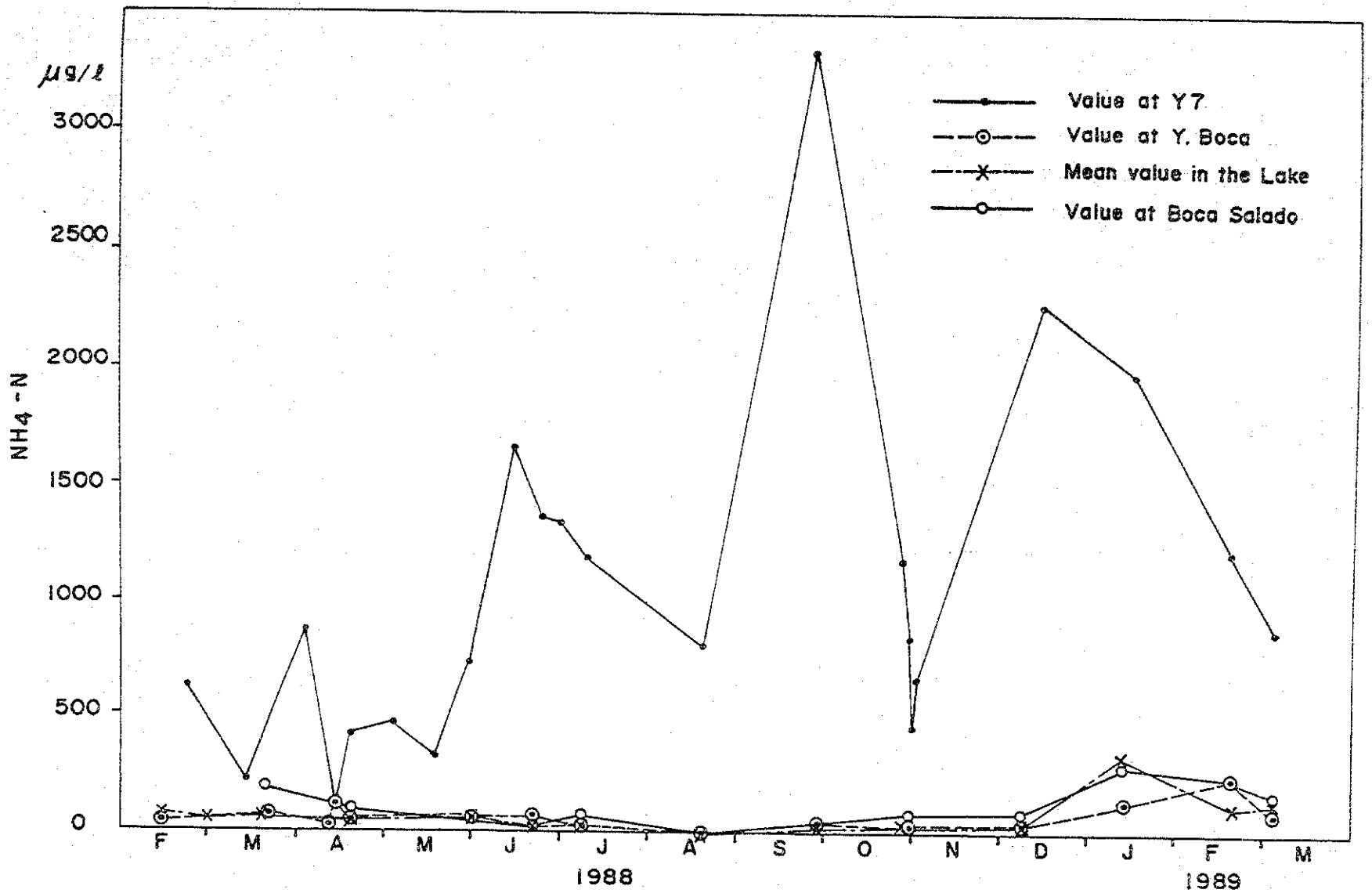


Fig. S6.4.8 Comparison between NH_4-N of the Lake, of the Inflowing and the Outflowing Rivers

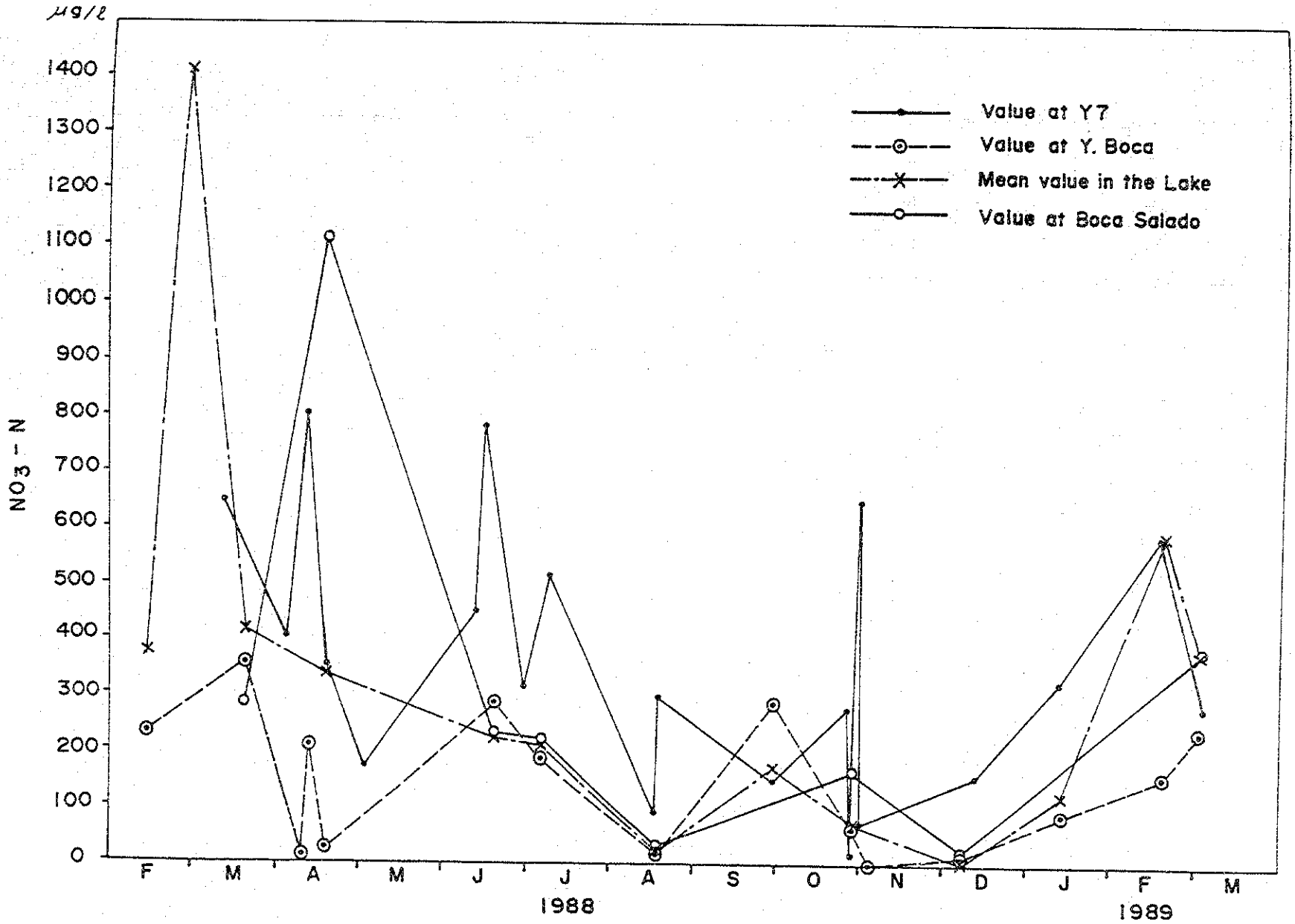


Fig. S6.4.9 Comparison between NO_3-N of the Lake, of the Inflowing and the Outflowing Rivers

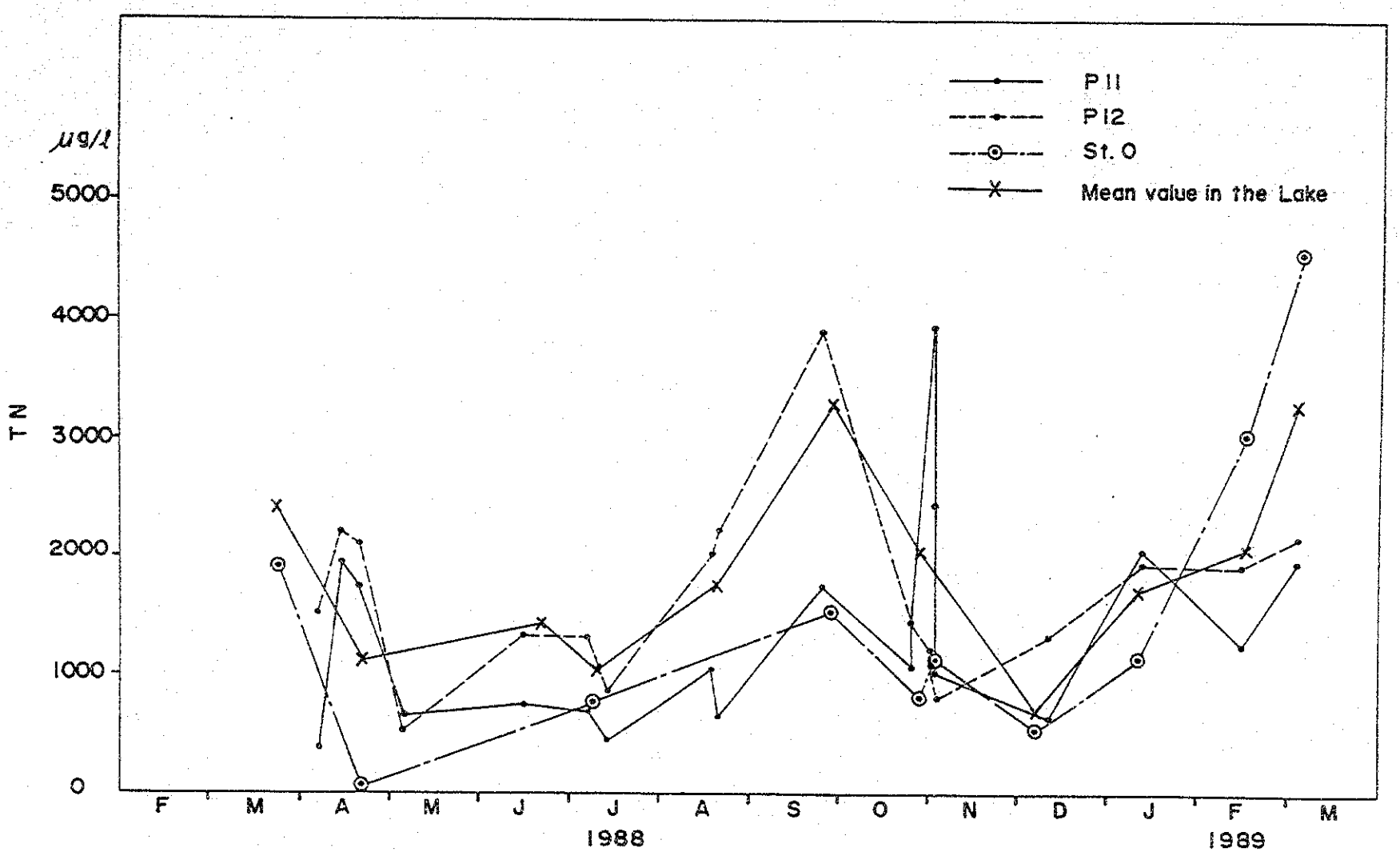


Fig. S6.4.10 Comparison between TN of the Lake, and the Inflowing Rivers

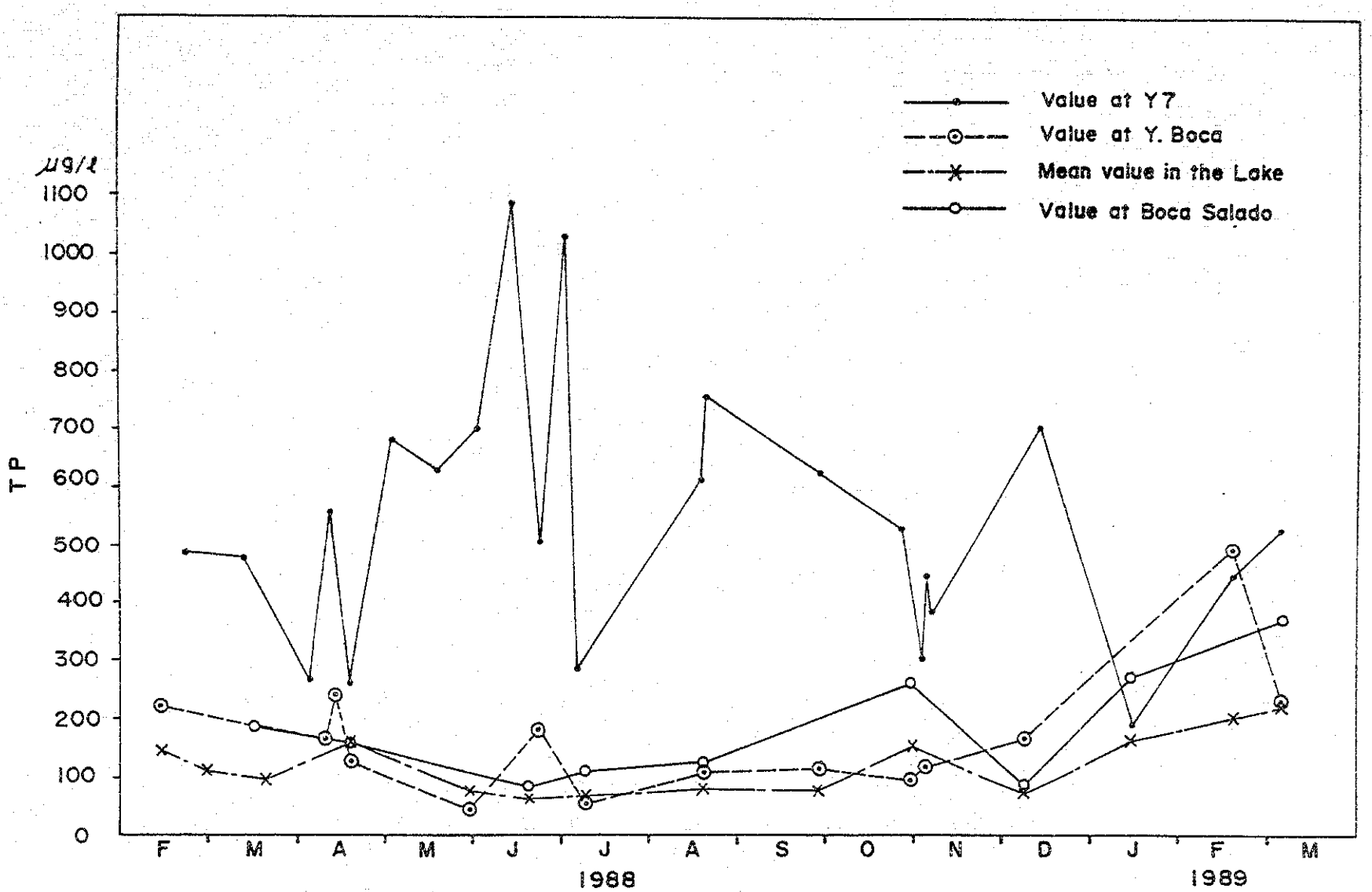


Fig. S6.4.11 Comparison between TP of the Lake, of the Inflowing and the Outflowing Rivers

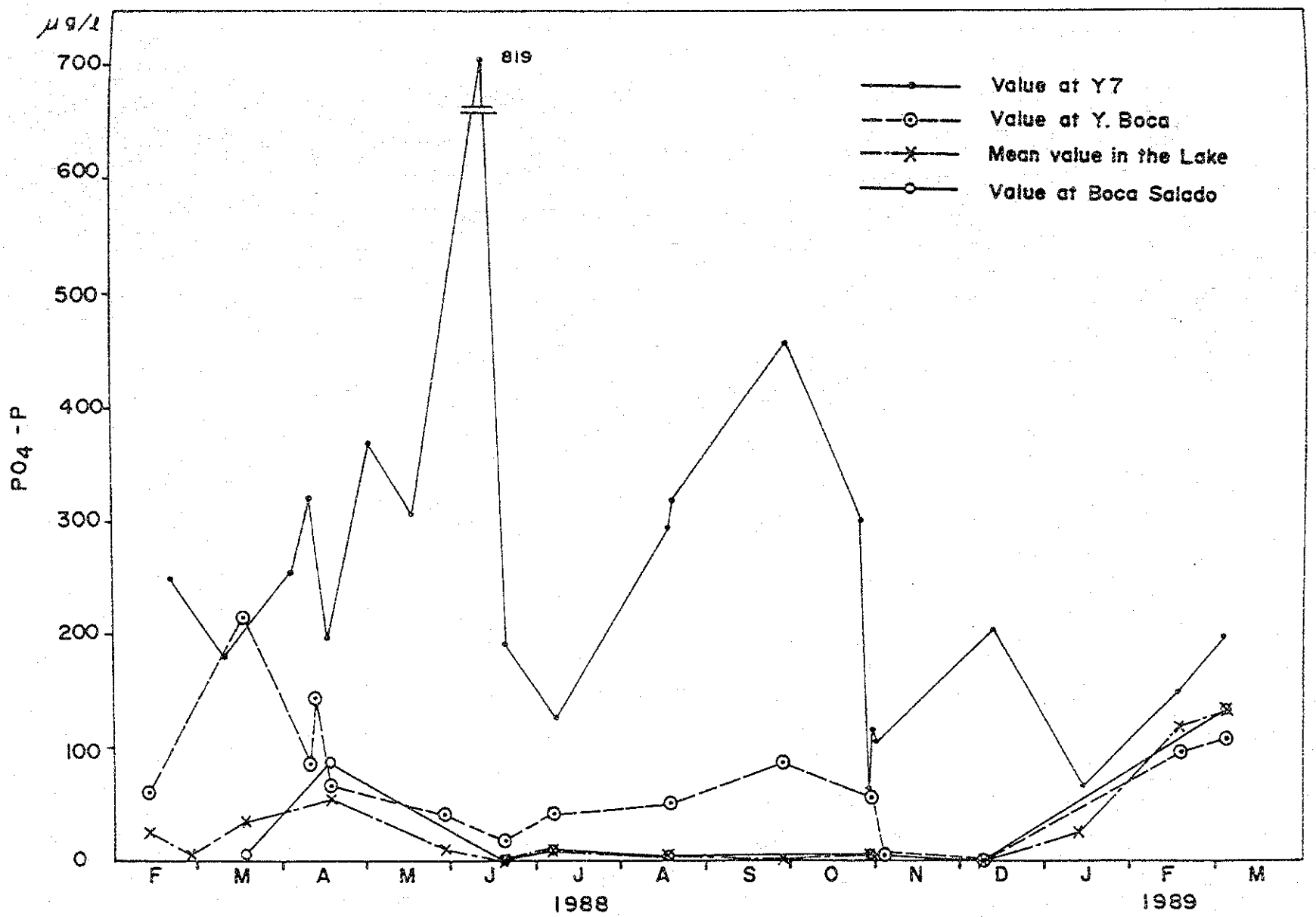


Fig. S6.4.12 Comparison between PO_4-P of the Lake, of the Inflowing and the Outflowing Rivers

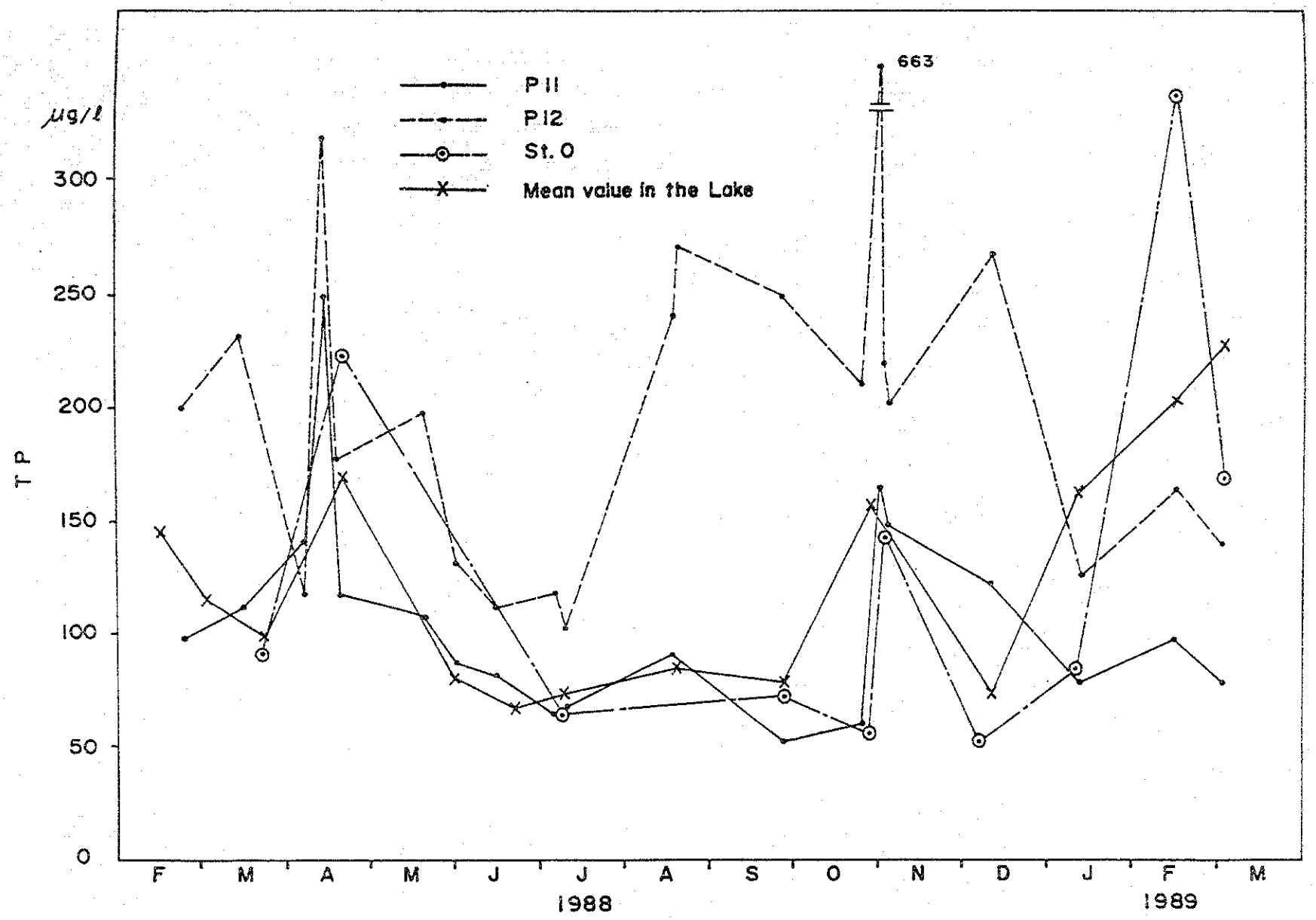


Fig. S6.4.13 Comparison between TP of the Lake, and the Inflowing Rivers

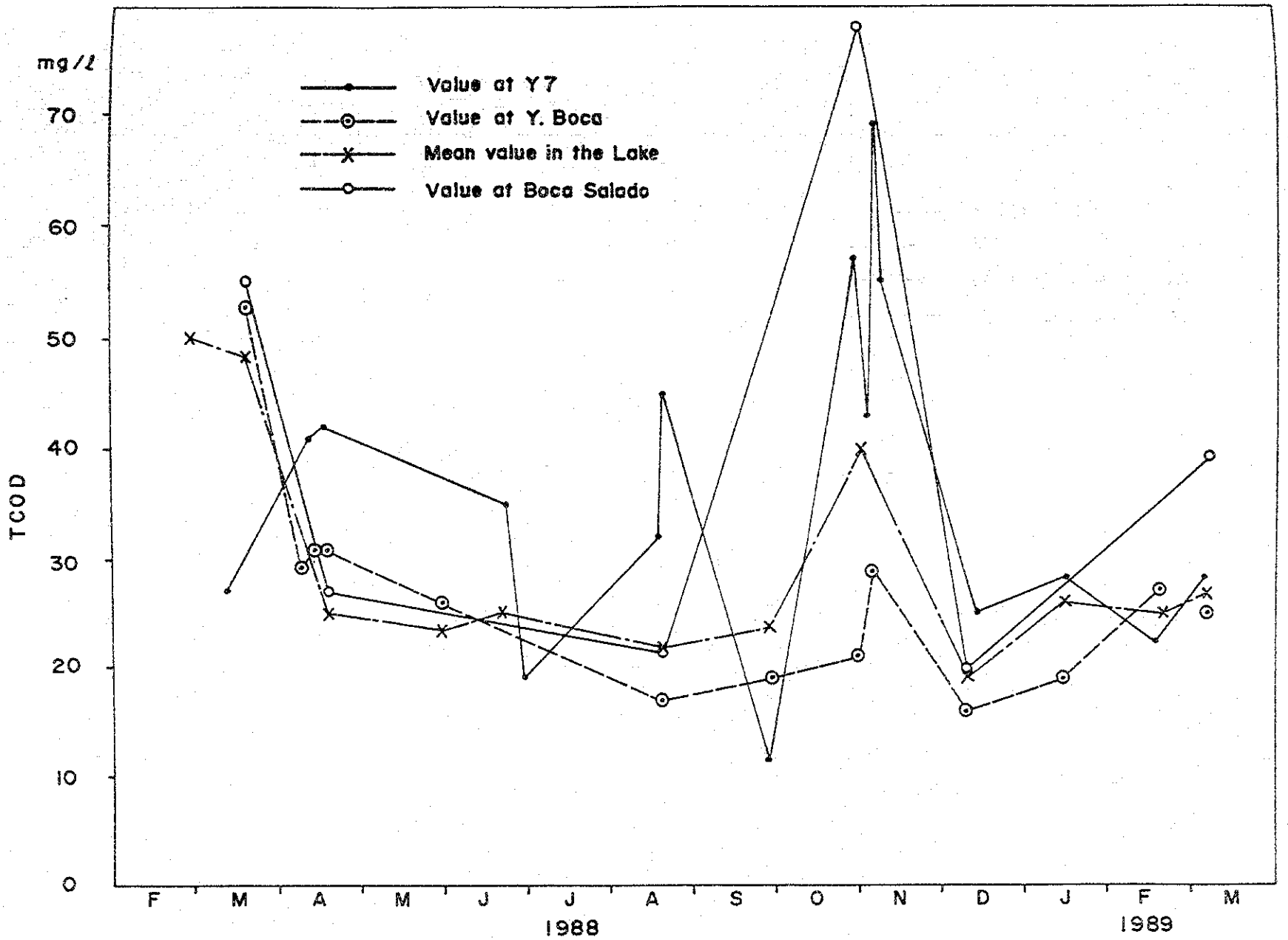


Fig. S6.4.14 Comparison between TCOD of the Lake, of the Inflowing and the Outflowing Rivers

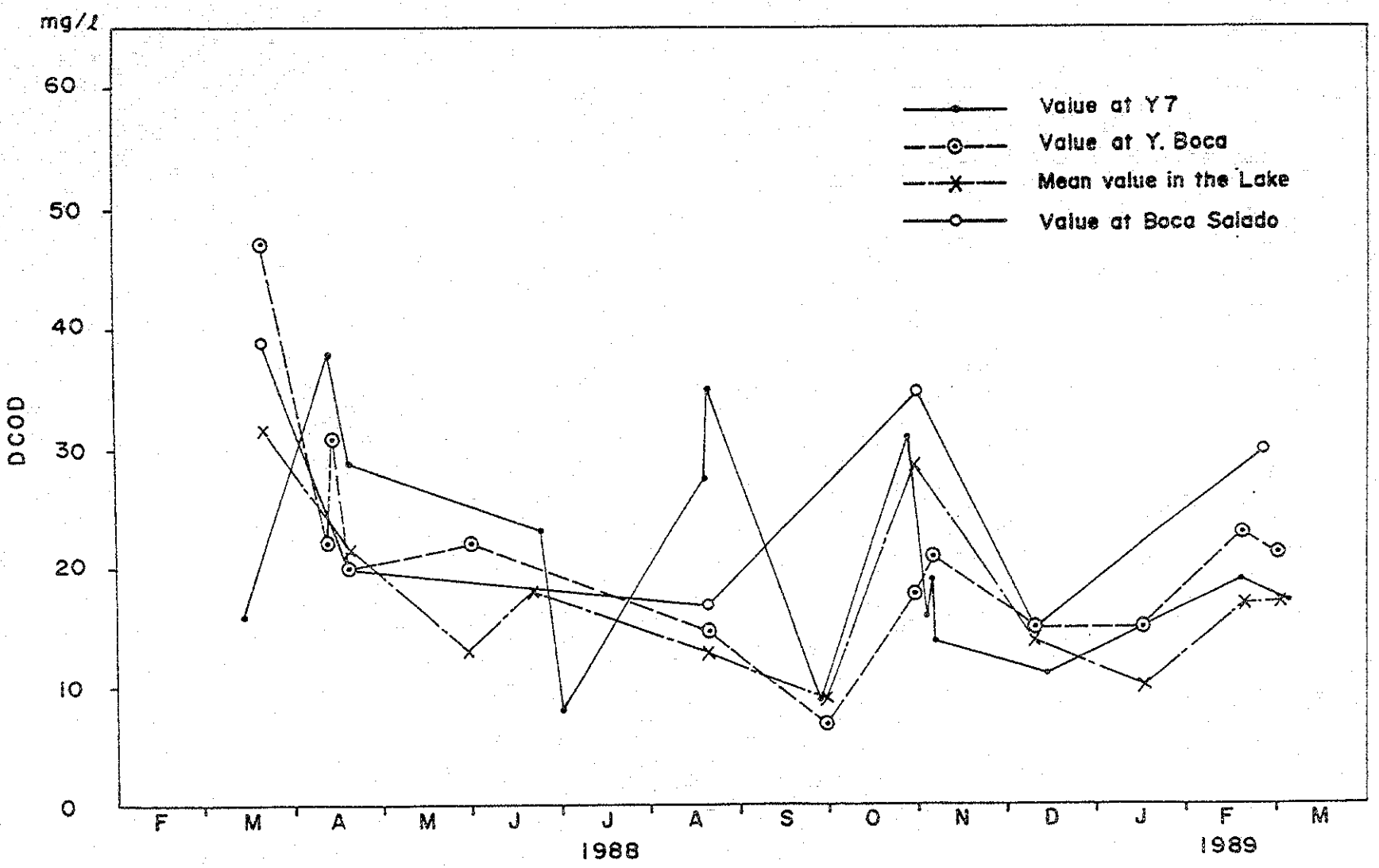


Fig. S6.4.15 Comparison between DCOD of the Lake, of the Inflowing and the Outflowing Rivers

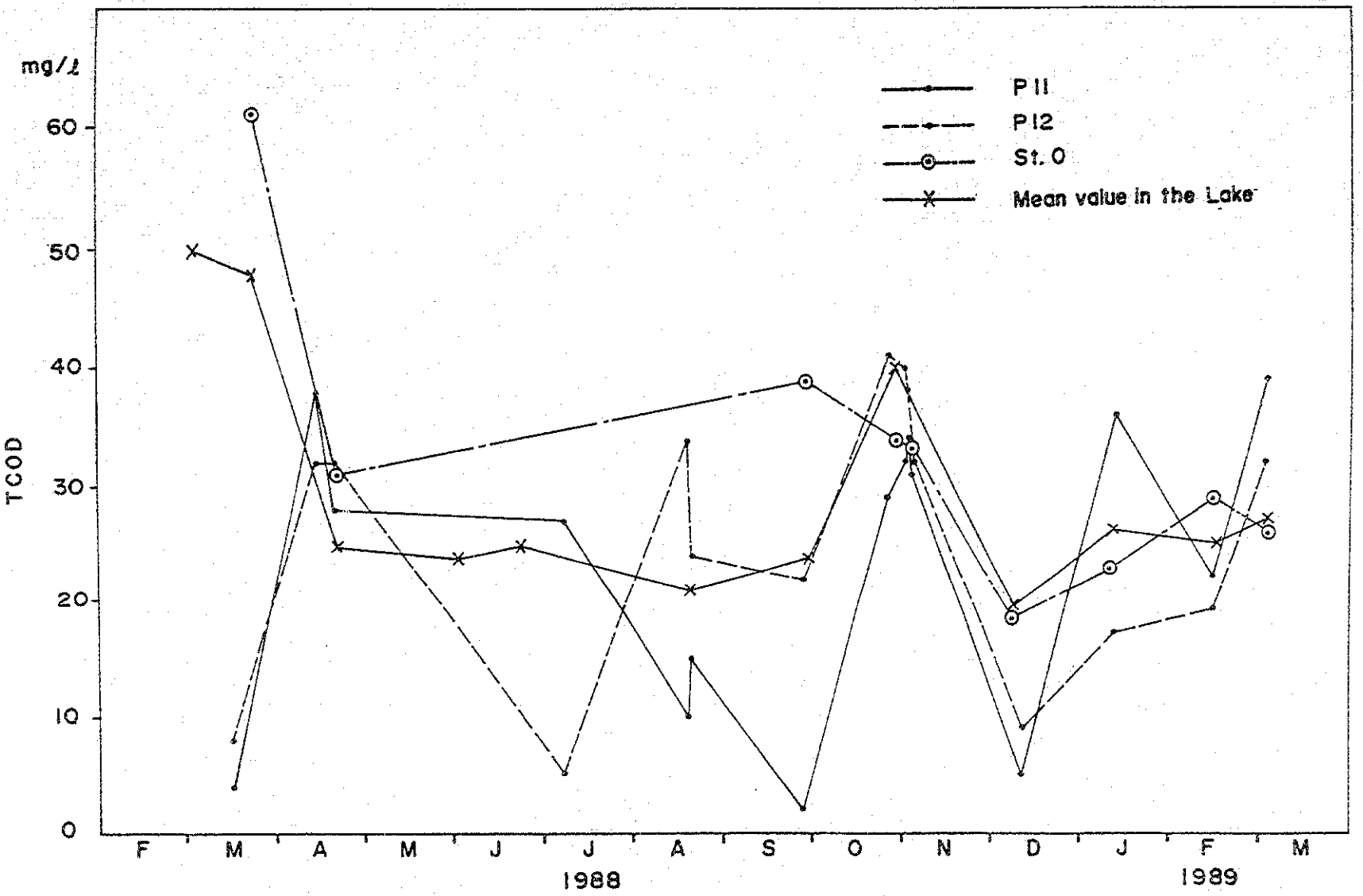


Fig. S6.4.16 Comparison between TCOD of the Lake and the Inflowing Rivers

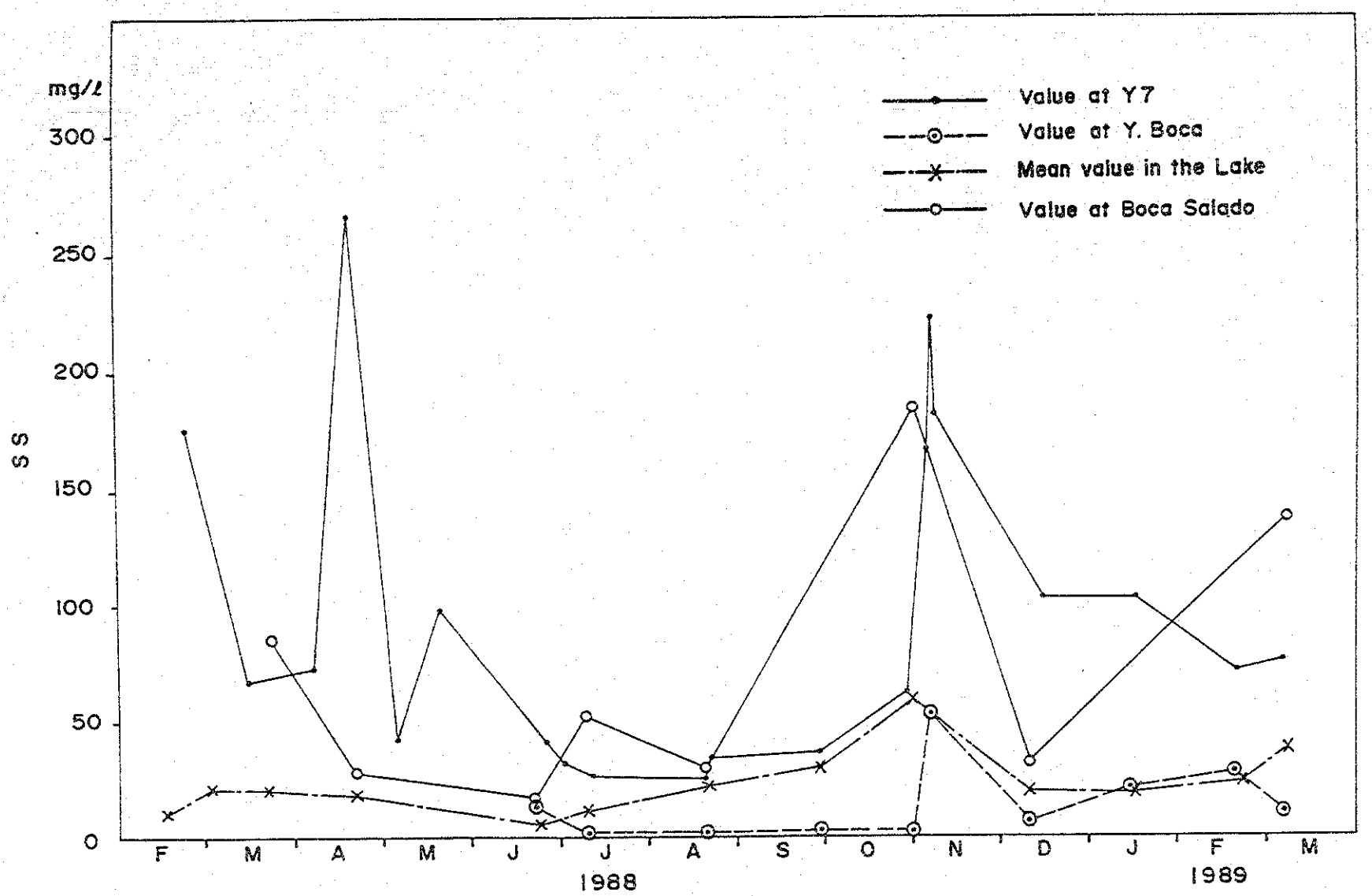


Fig. S6.4.17 Comparison between SS of the Lake, of the Inflowing and the Outflowing Rivers

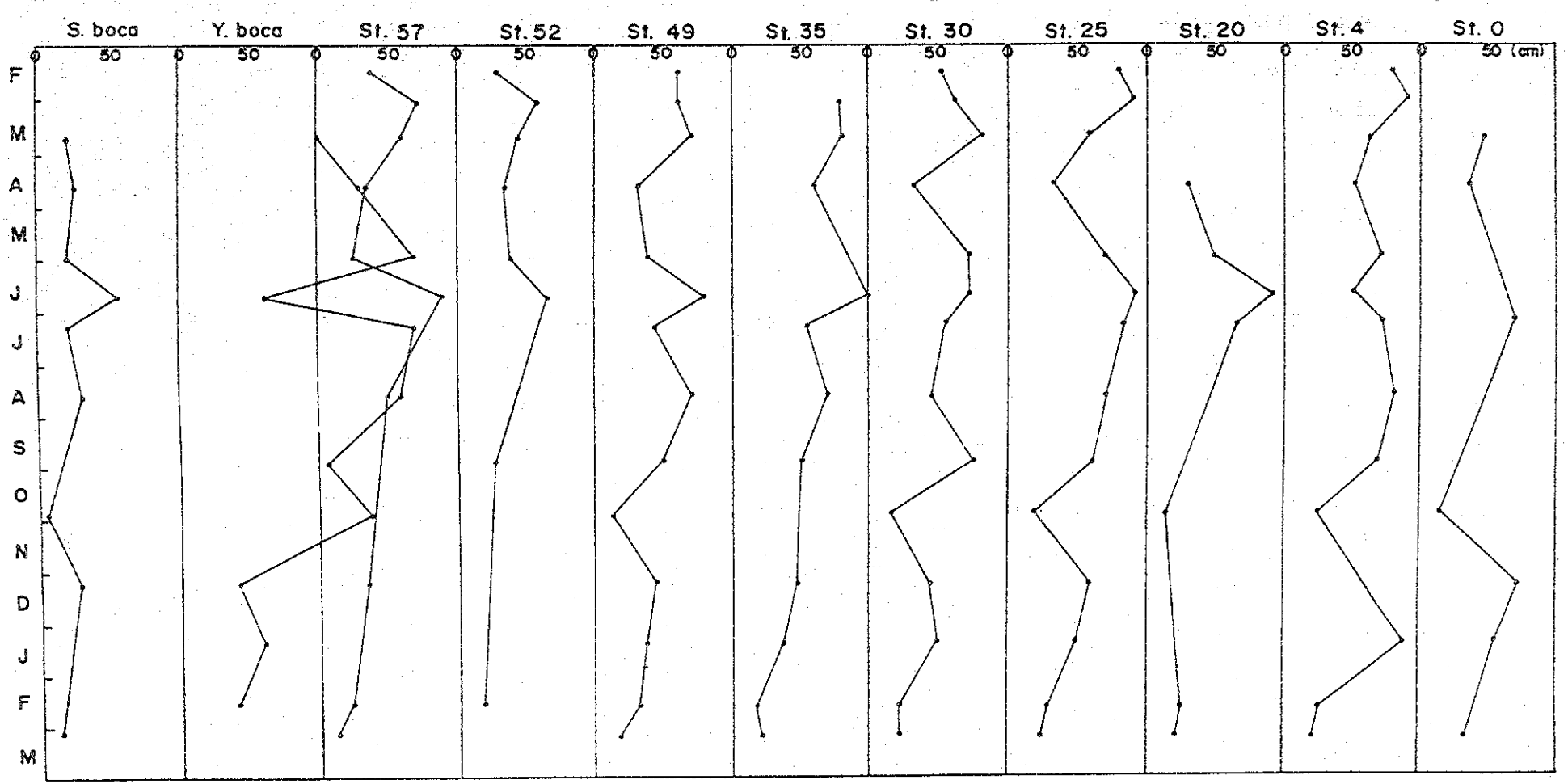


Fig. S6.4.18 Monthly SD Variation in the Lake

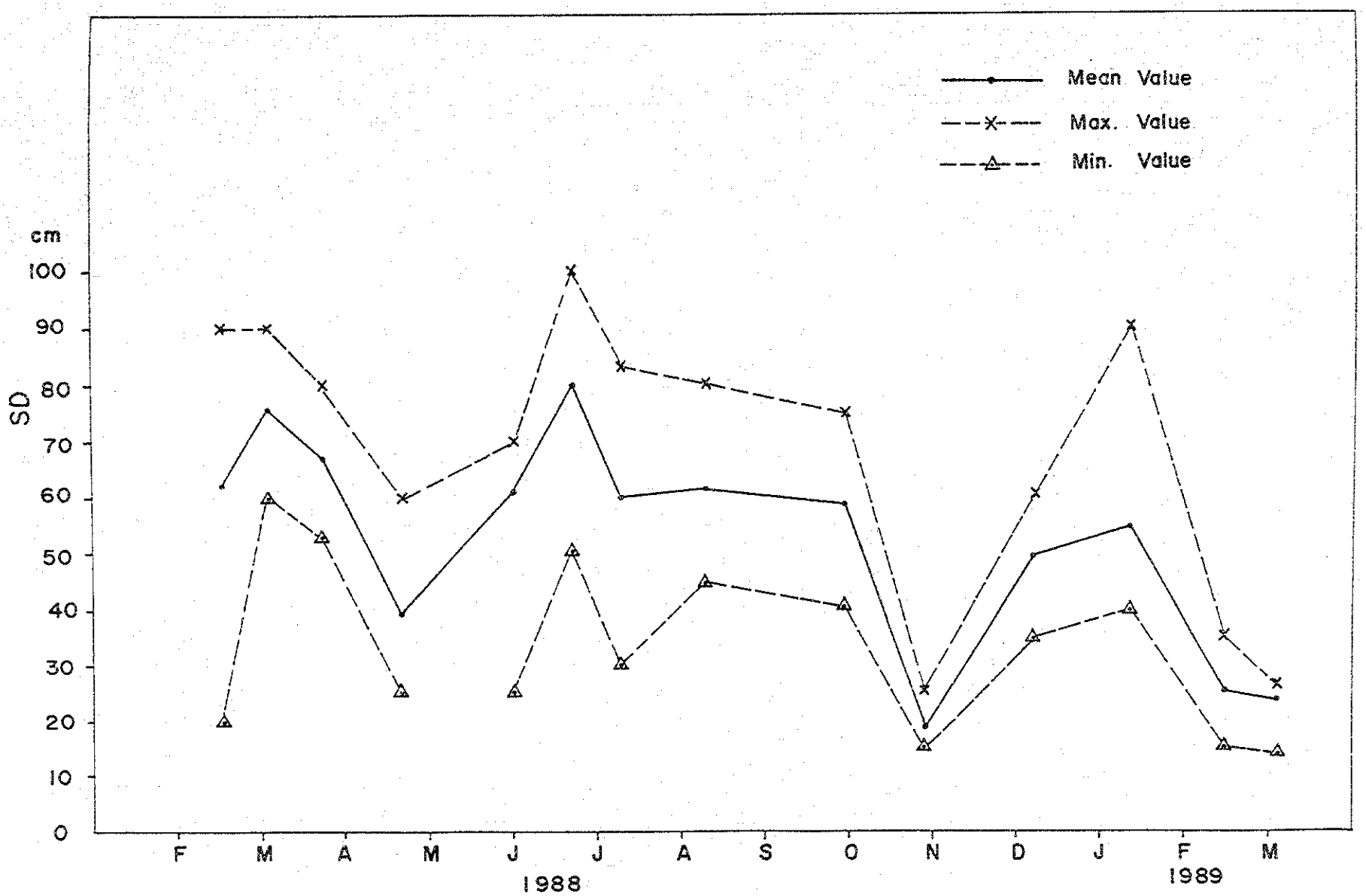


Fig.S.6.4.19 Monthly SD Variation in the Lake

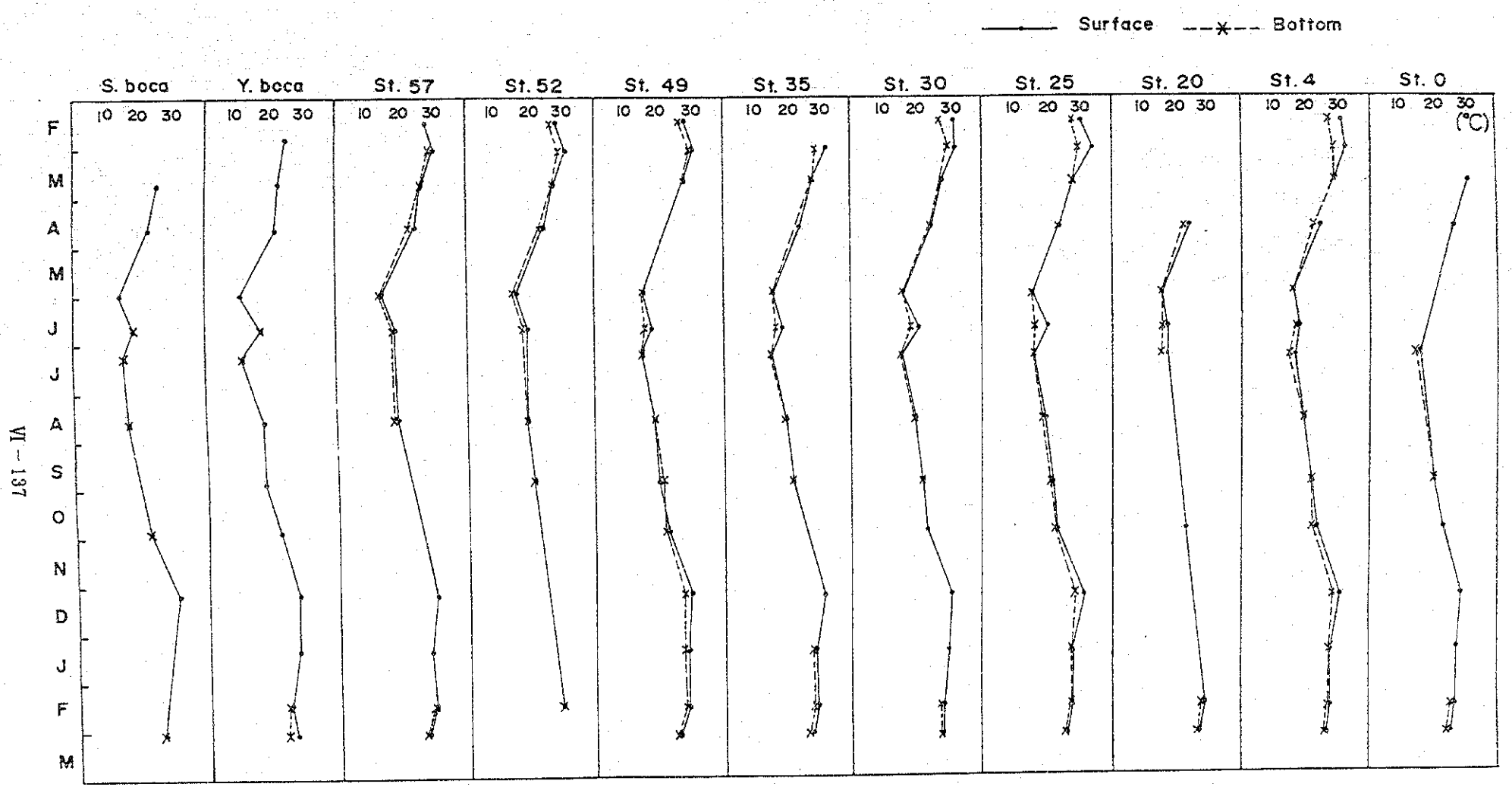


Fig. S6.4.20 Monthly Temperature Variation in the Lake

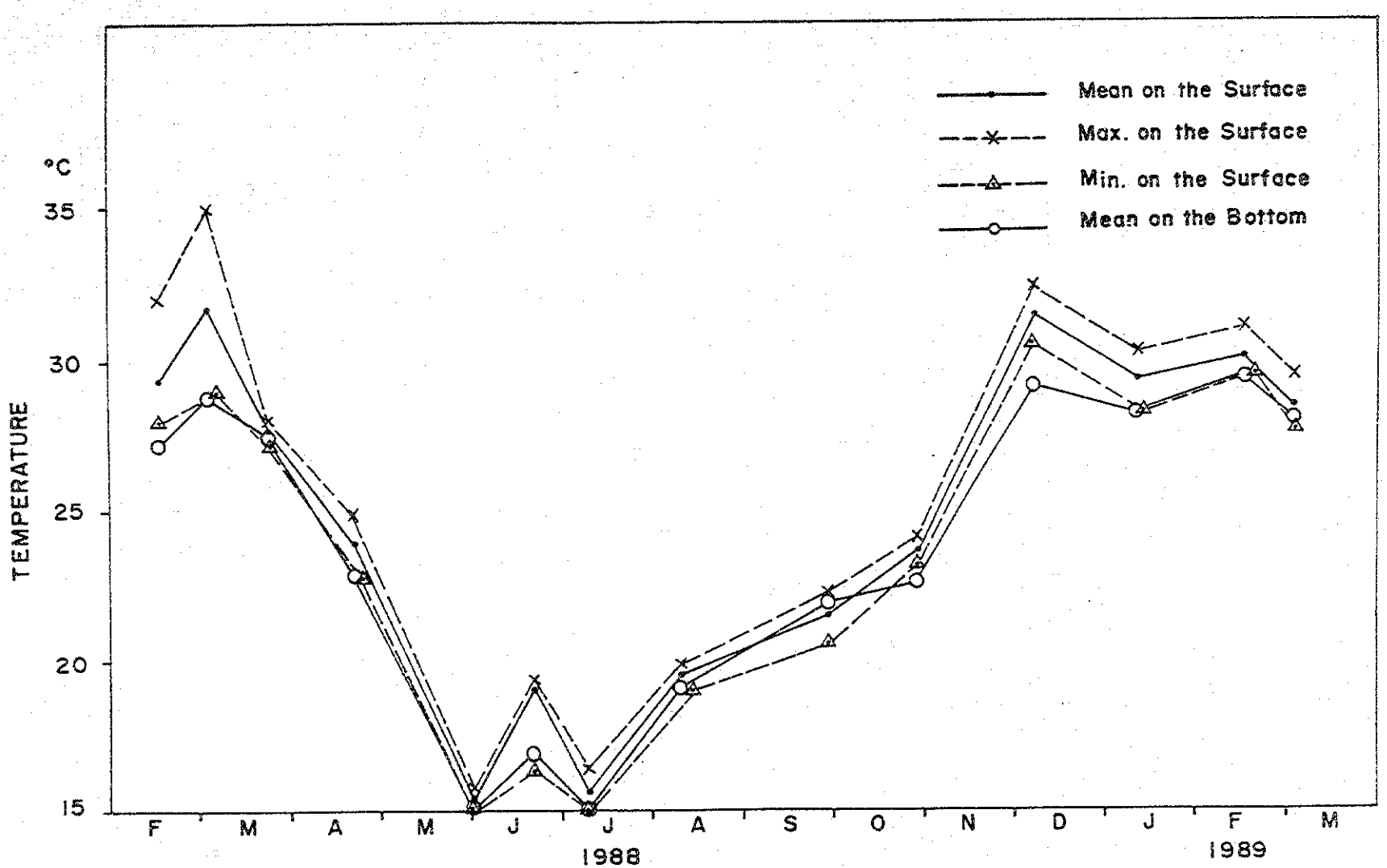


Fig. S6.4.21 Monthly Temperature Variation in the Lake

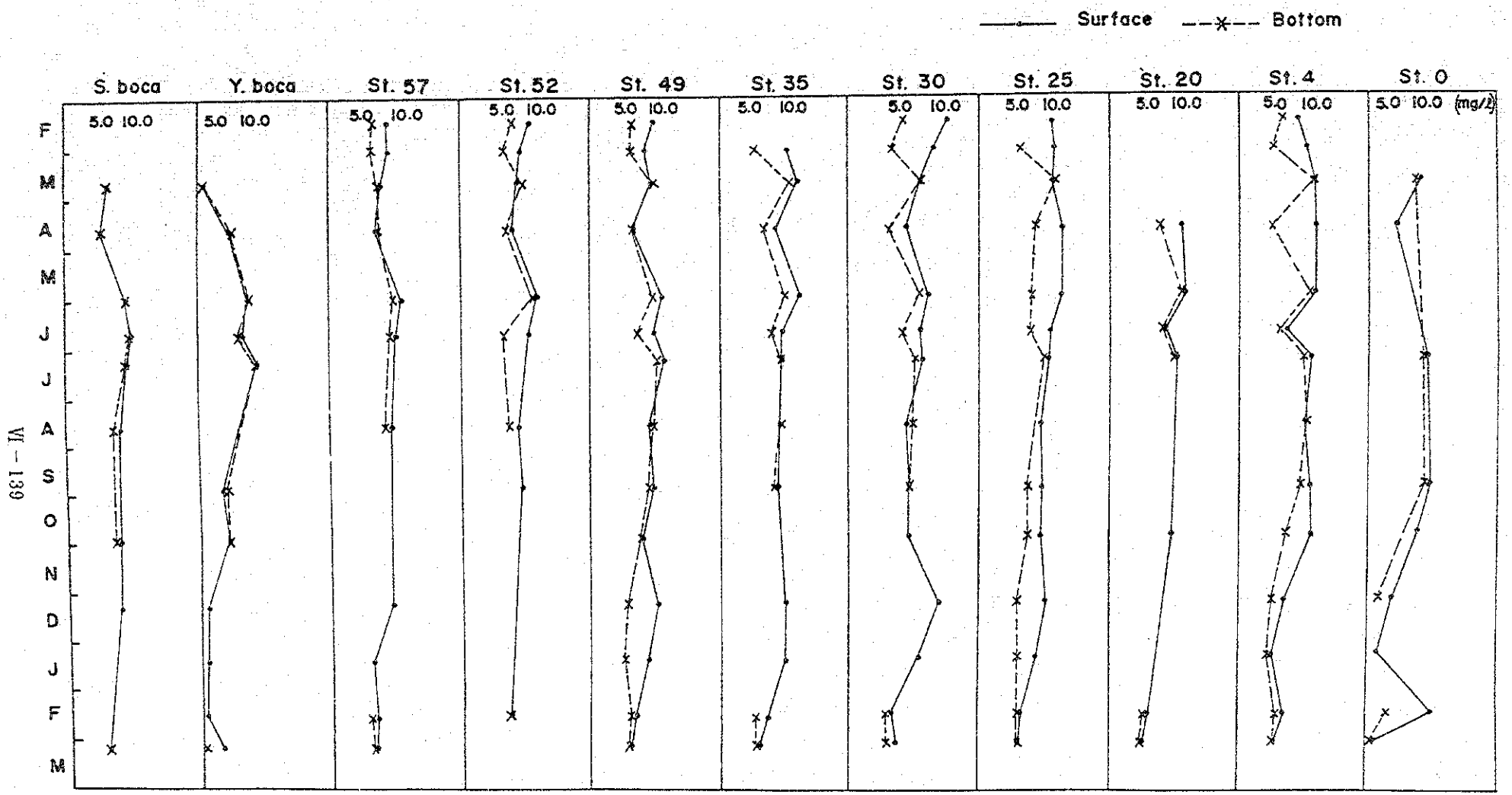


Fig. S6.4.22 Monthly DO Variation in the Lake

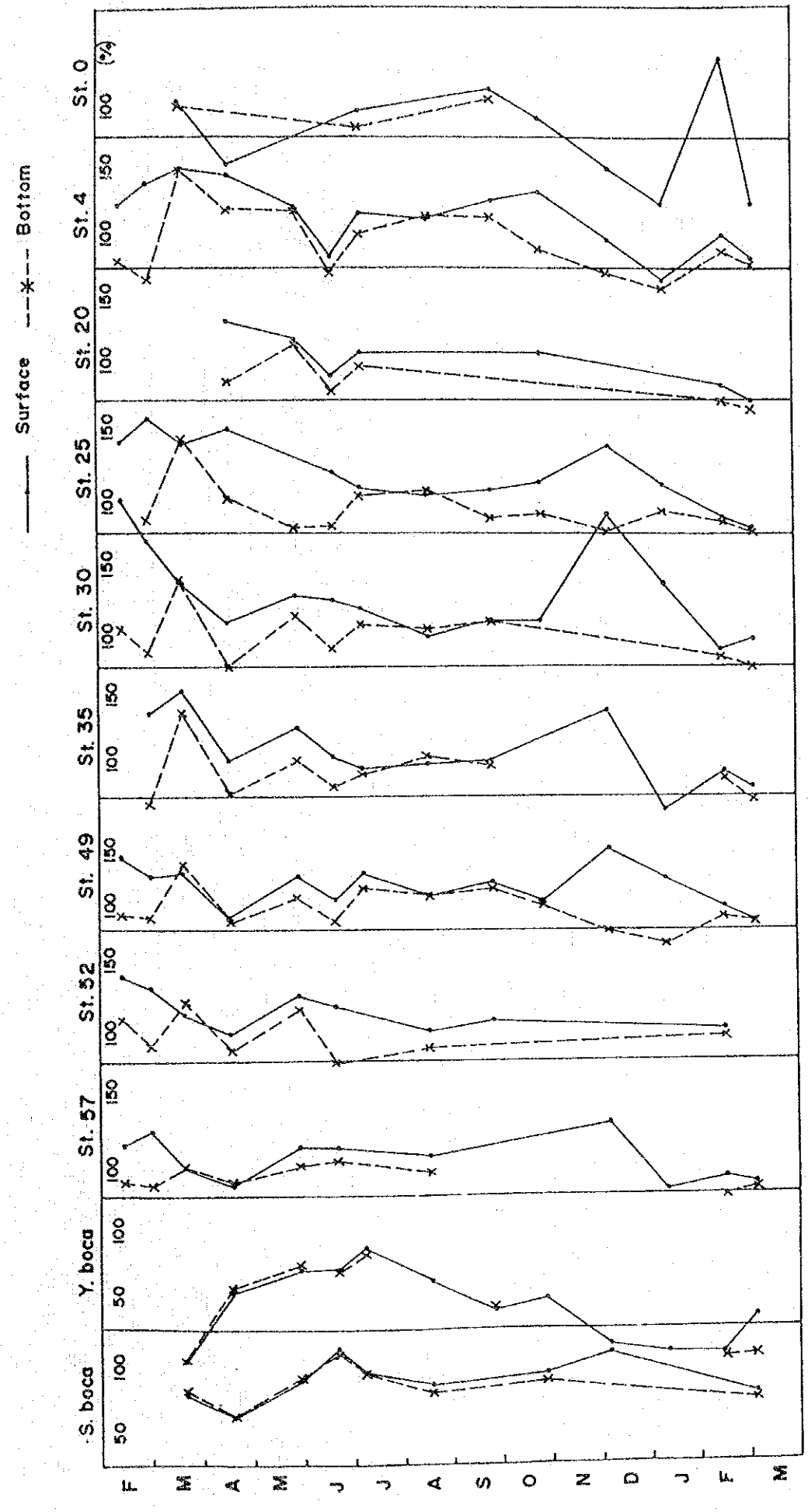


Fig. S6.4.23 Monthly DO Variation in the Lake(Saturation Degree)

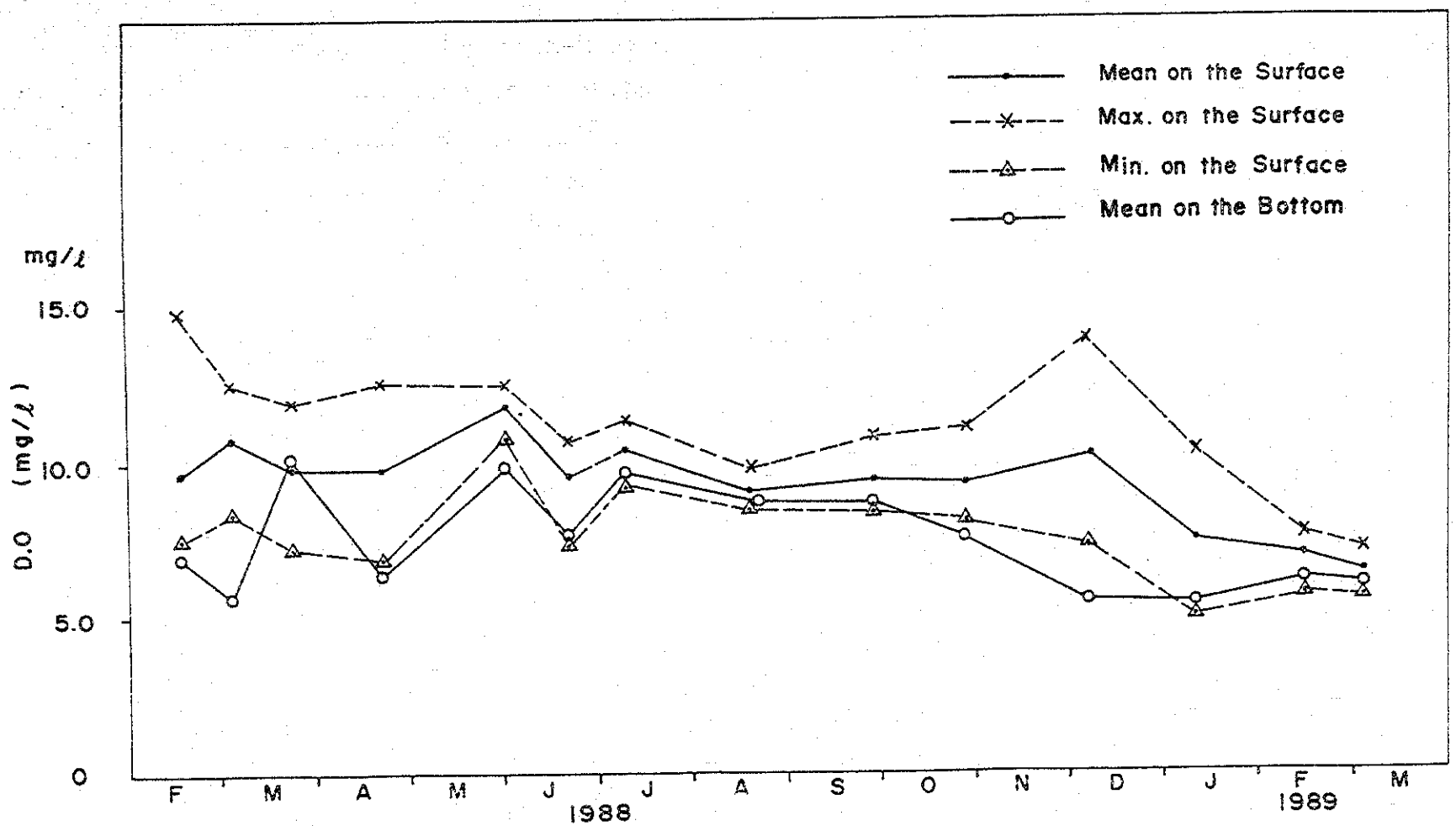


Fig. S6.4.24 Monthly DO Variation in the Lake

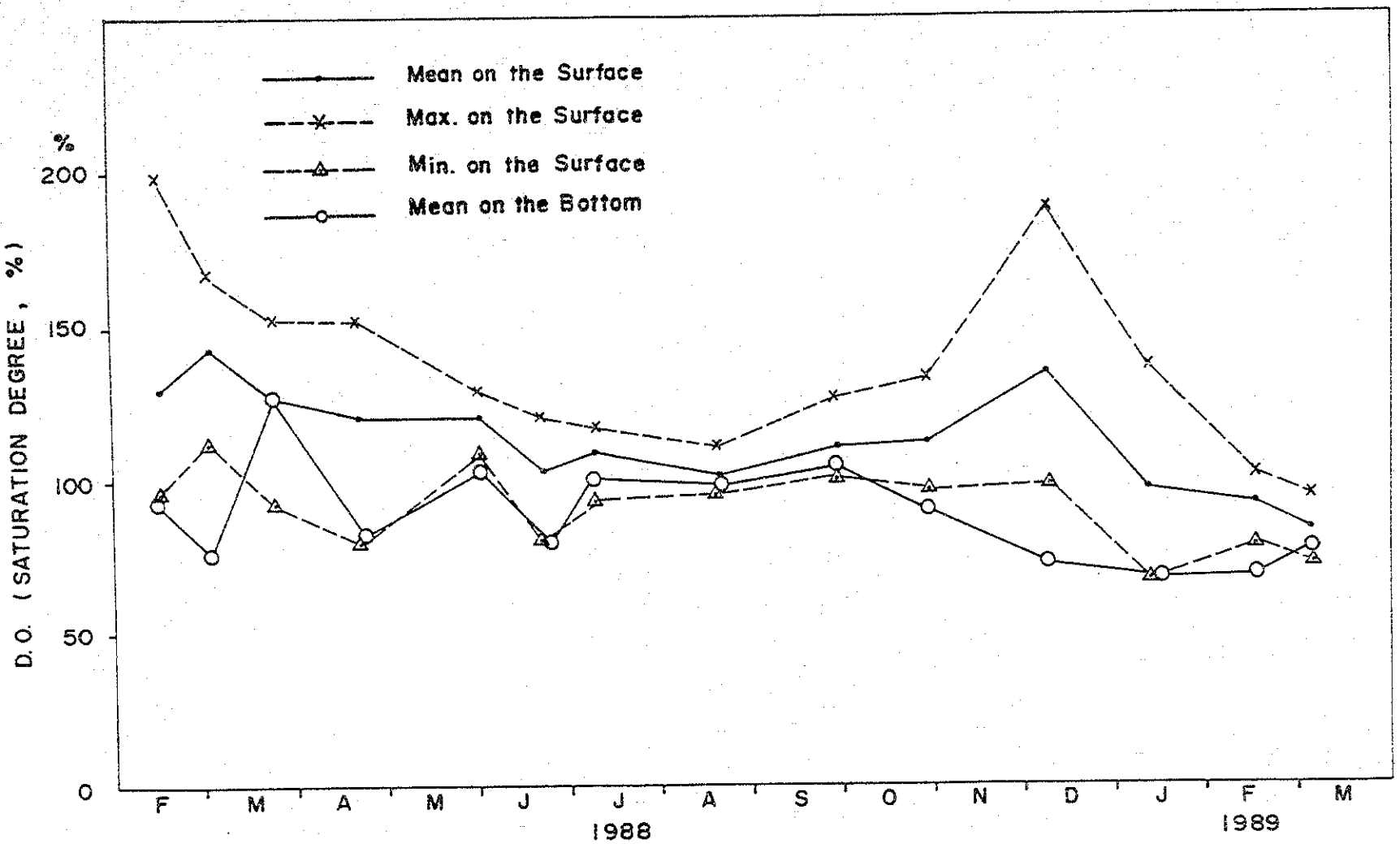


Fig. S6.4.25 Monthly DO VAriation in the Lake (Saturation Degree)

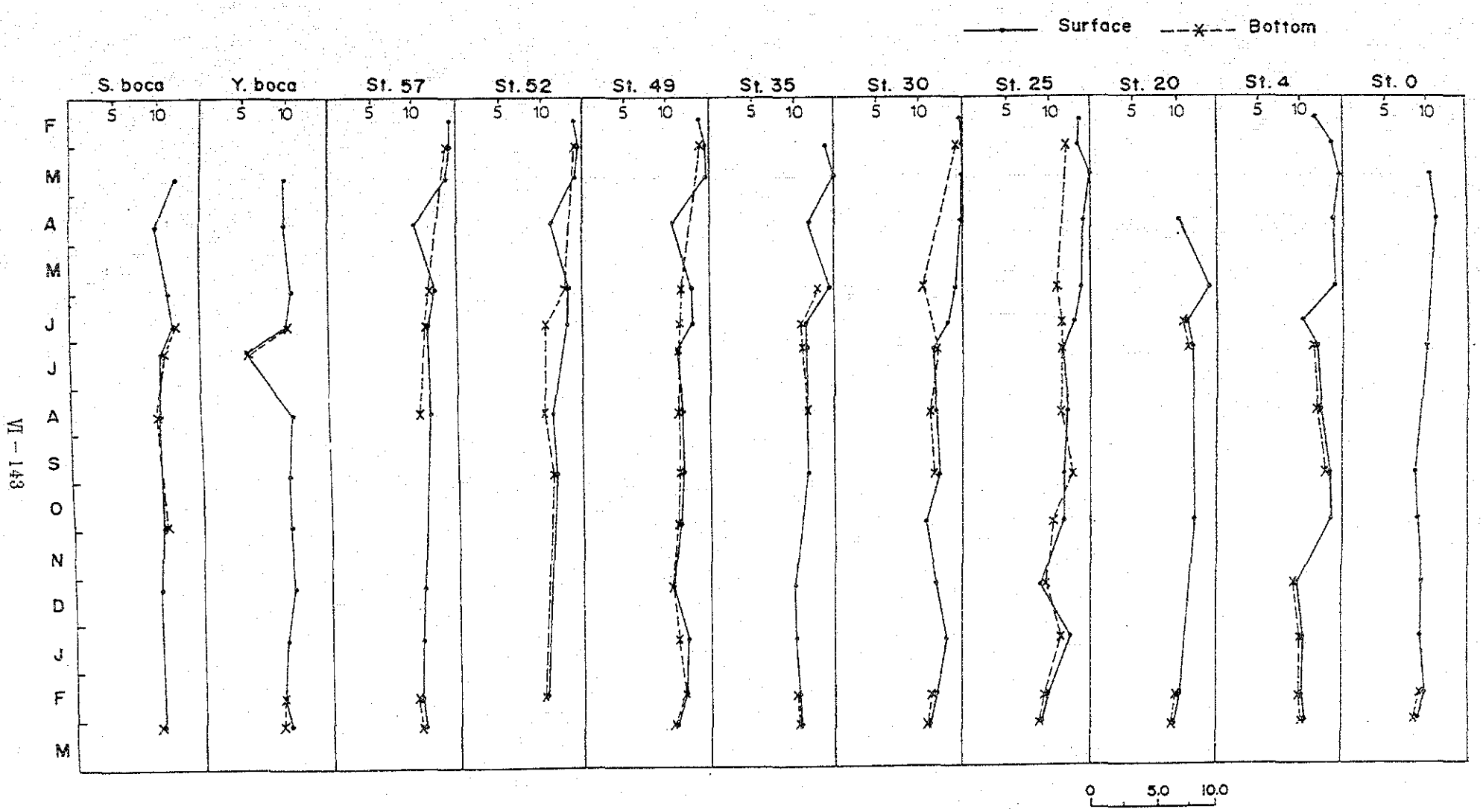


Fig.S6.4.26 Monthly pH Variation in the Lake

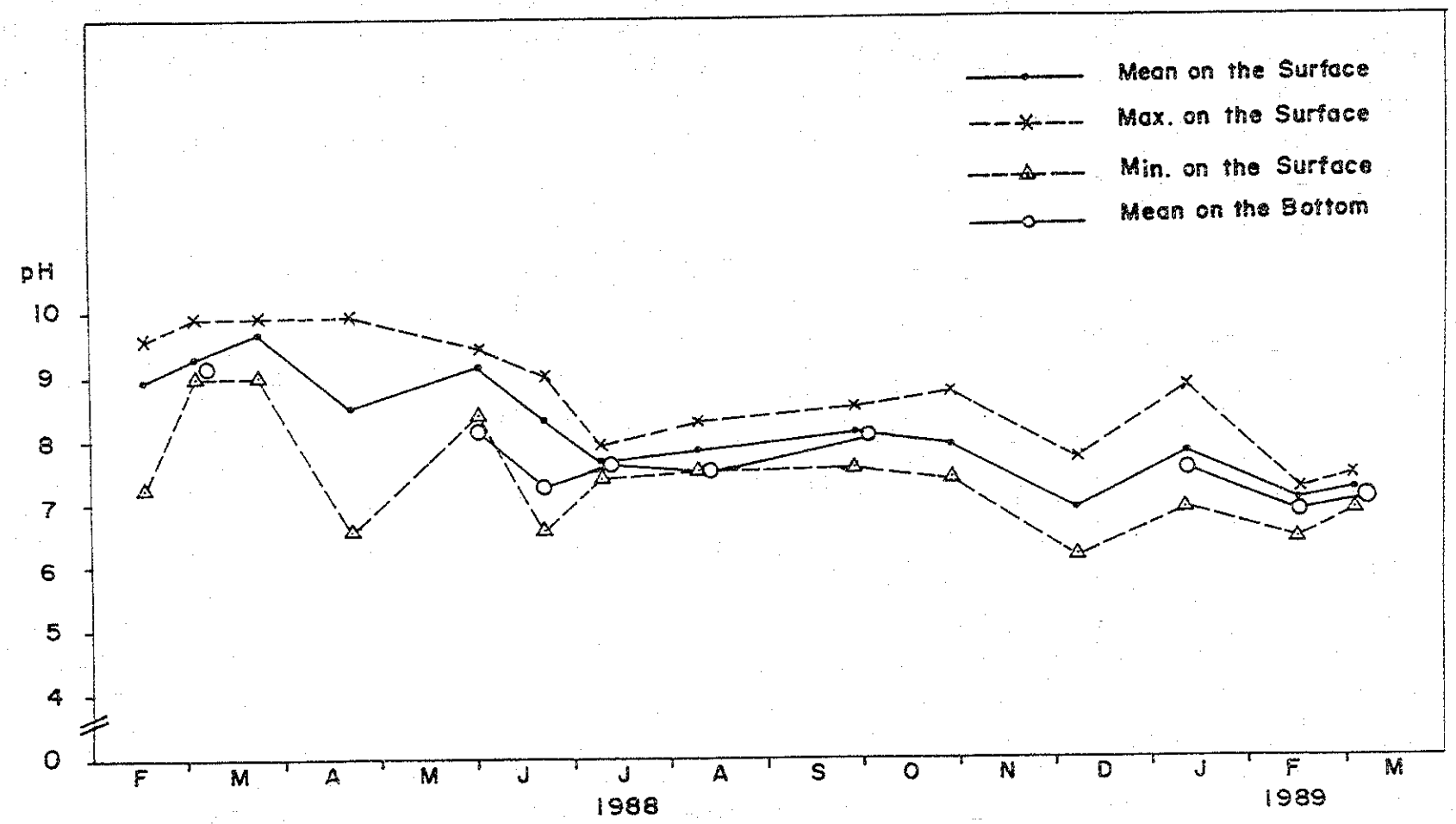


Fig. S6.4.27 Monthly pH Variation in the Lake

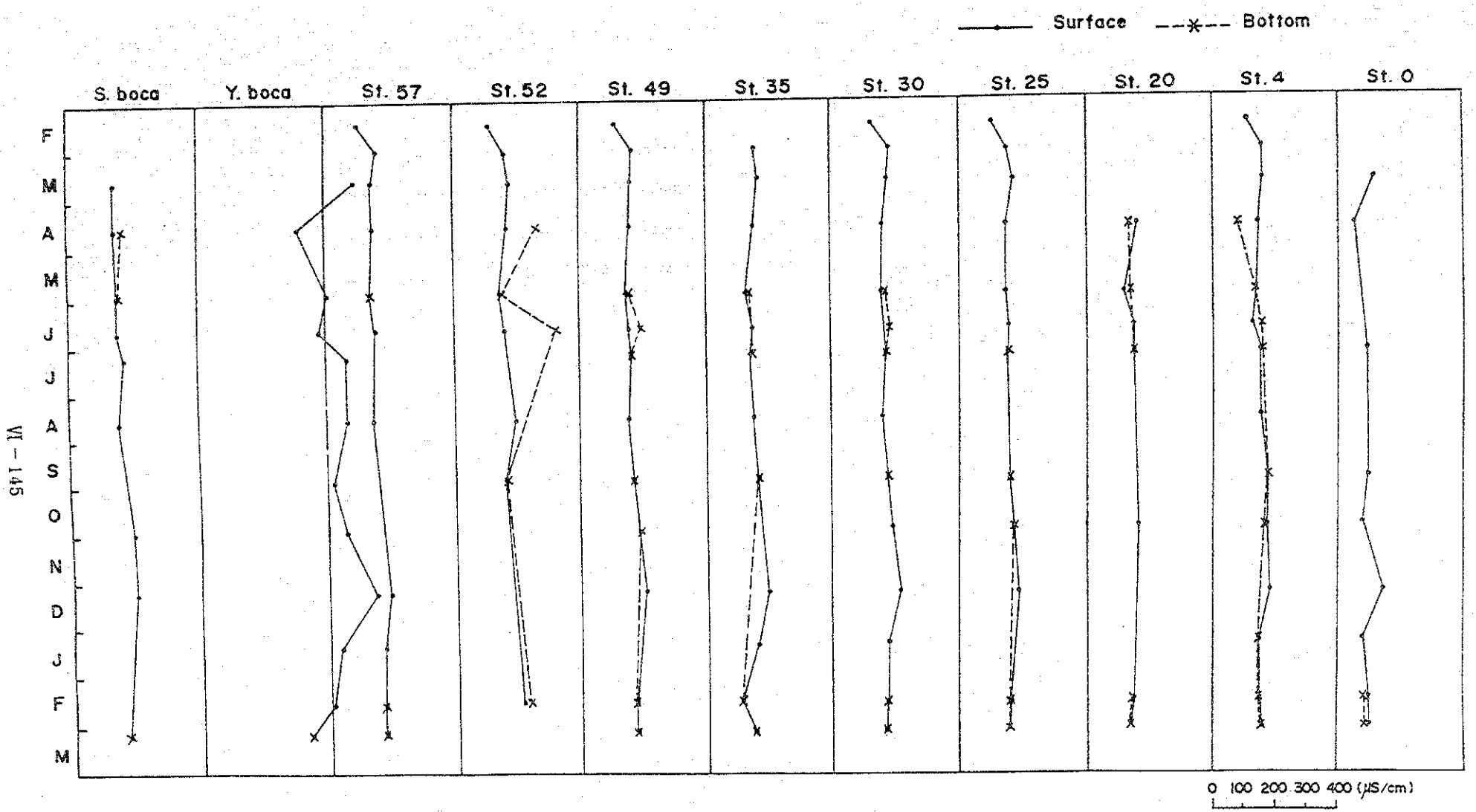


Fig. S6.4.28 Monthly EC Variation in the Lake

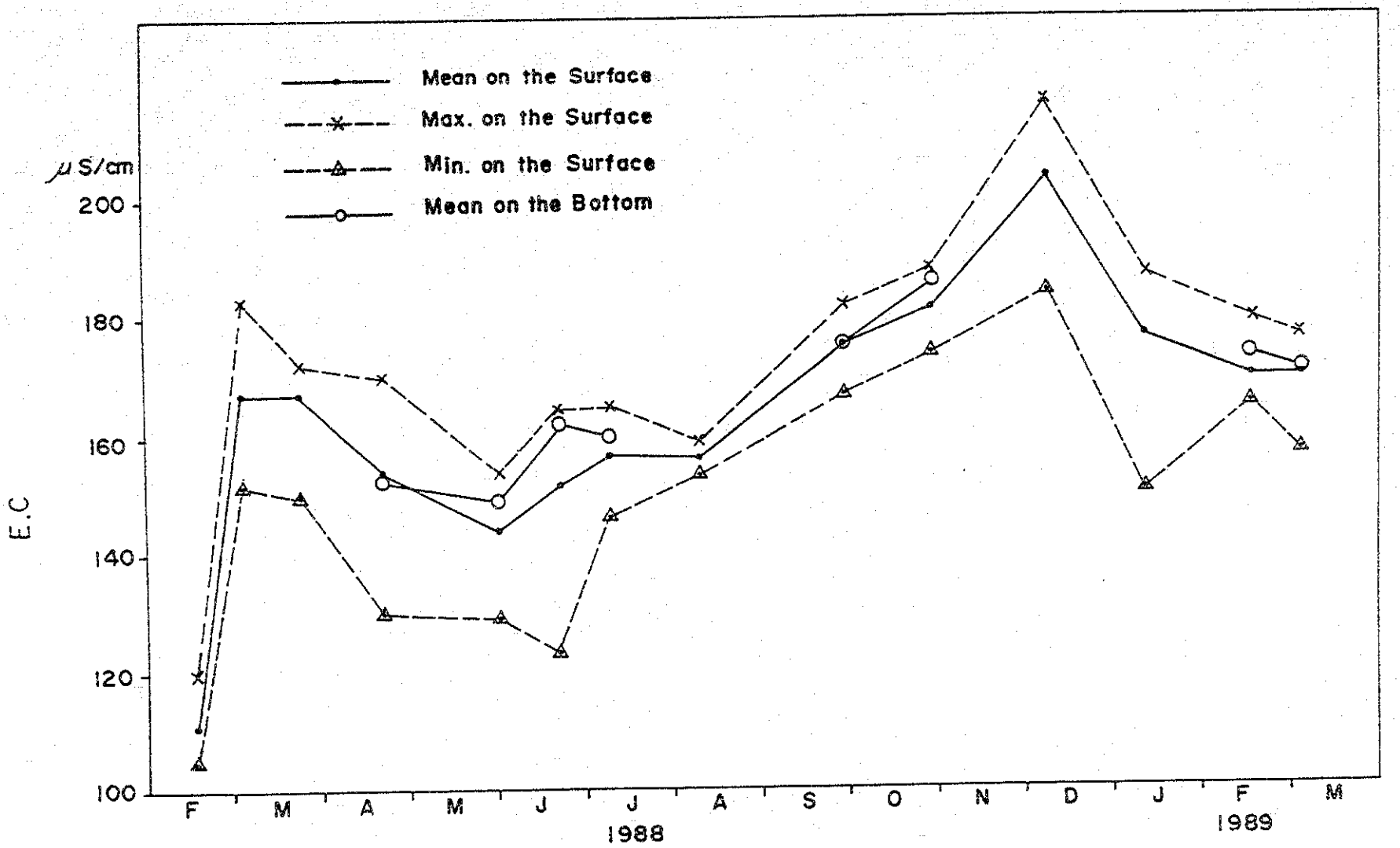


Fig. S6.4.29 Monthly EC Variation in the Lake

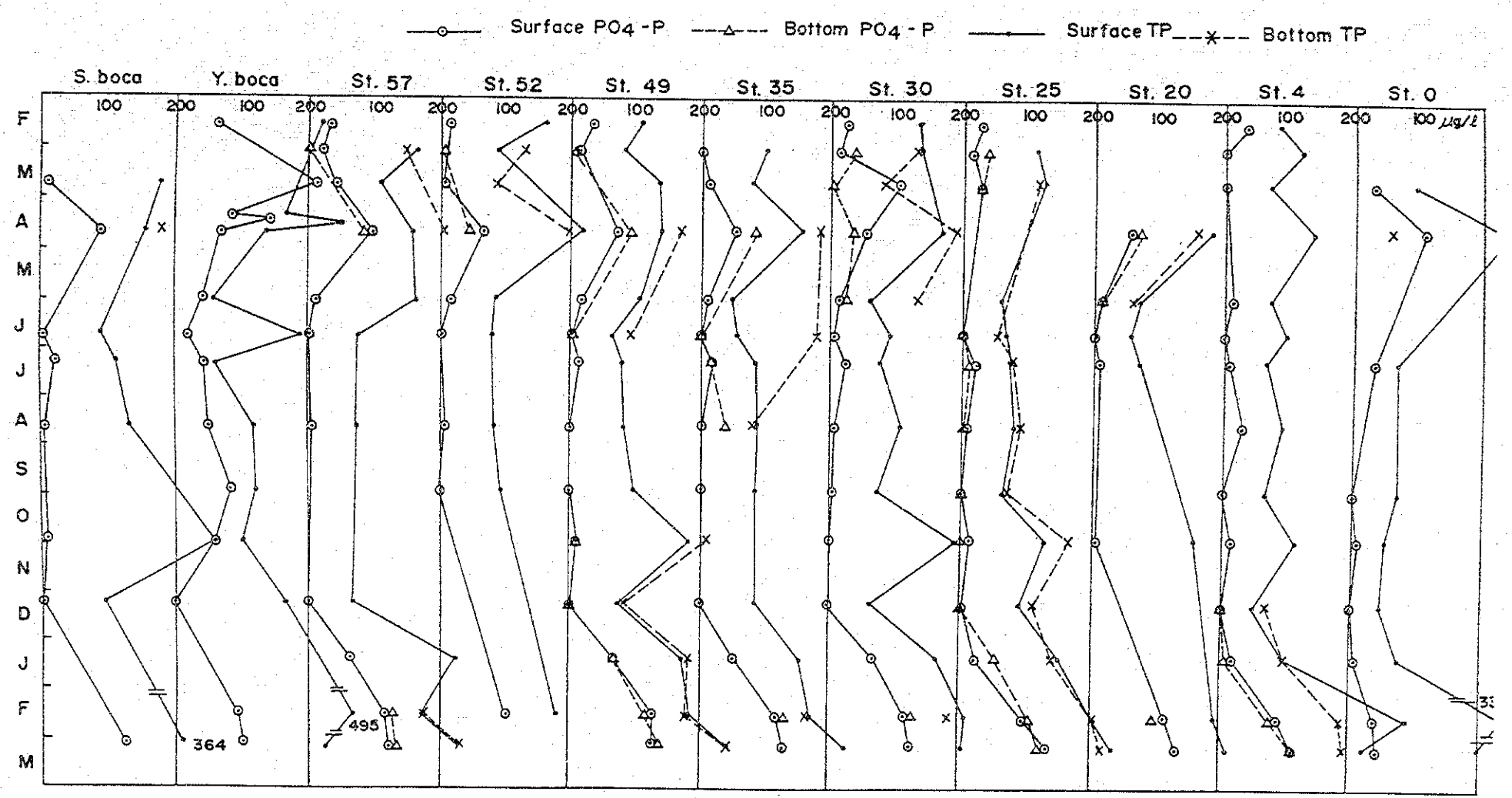


Fig. S6.4.30 Monthly Phosphorus Variation in the Lake

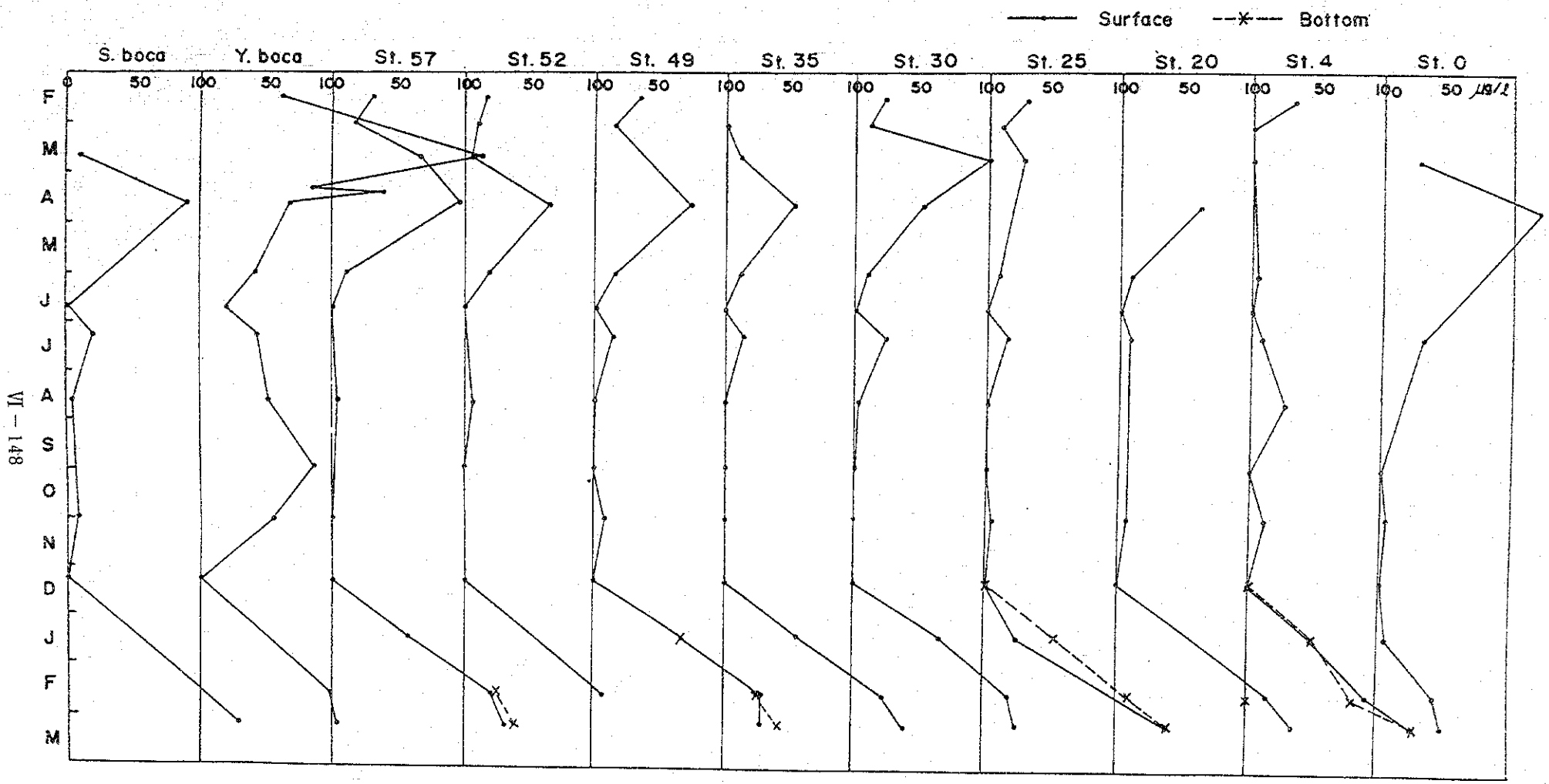


Fig. S6.4.31 Monthly PO_4-P Variation in the Lake

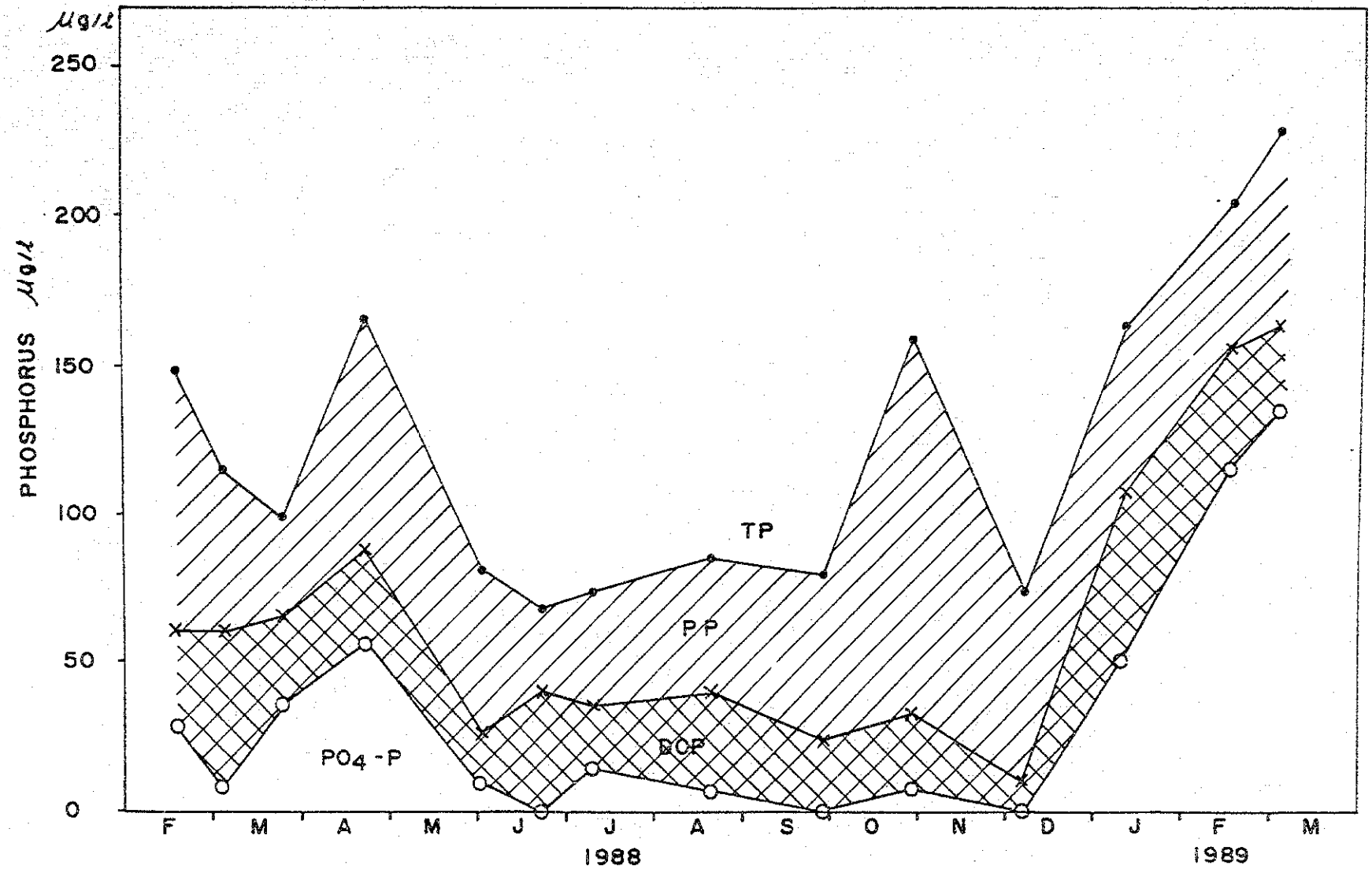


Fig. S6.4.32 Monthly Variation of the Mean Value of Phosphorus in the Lake

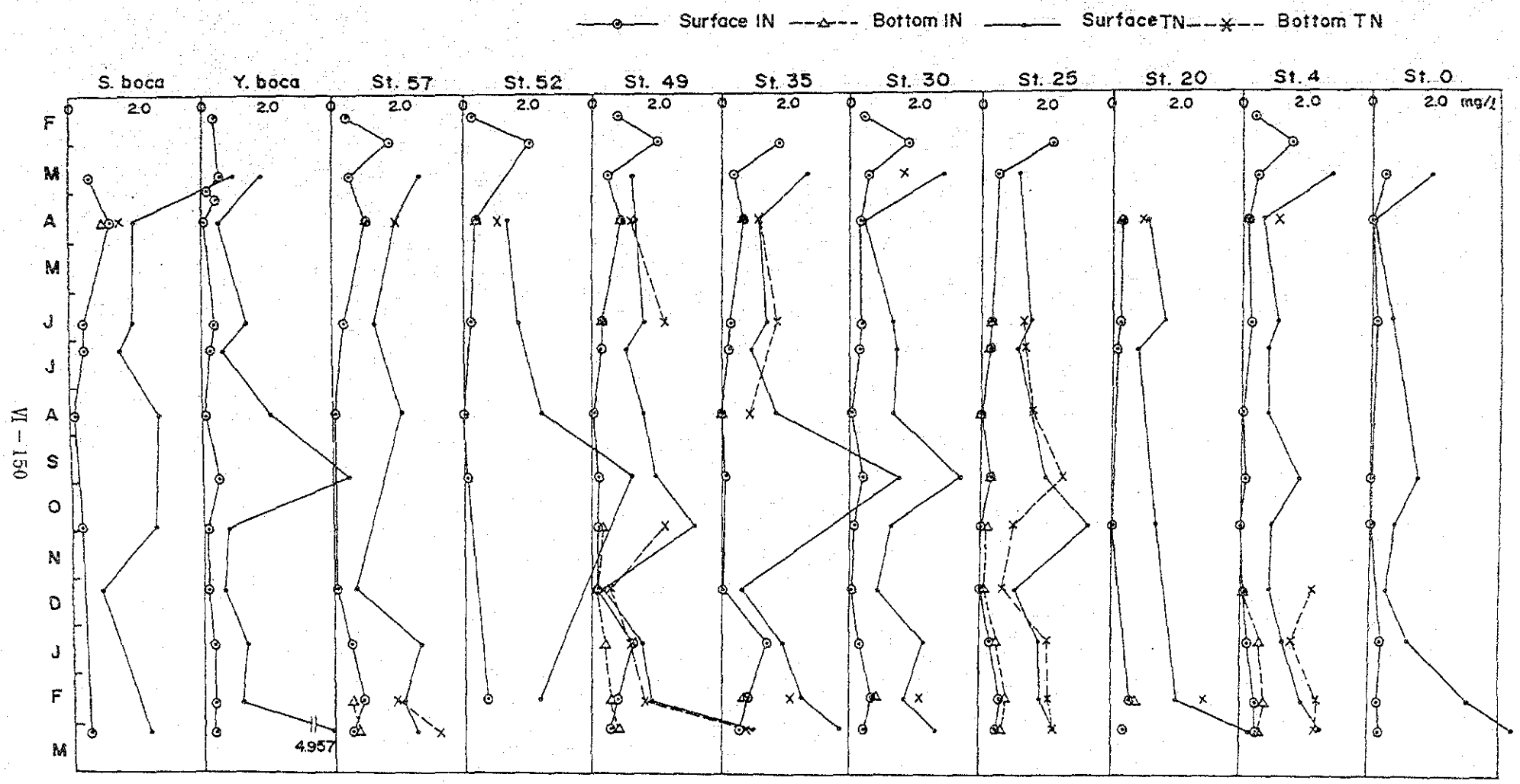


Fig. S6.4.33 Monthly Nitrogen Variation in the Lake

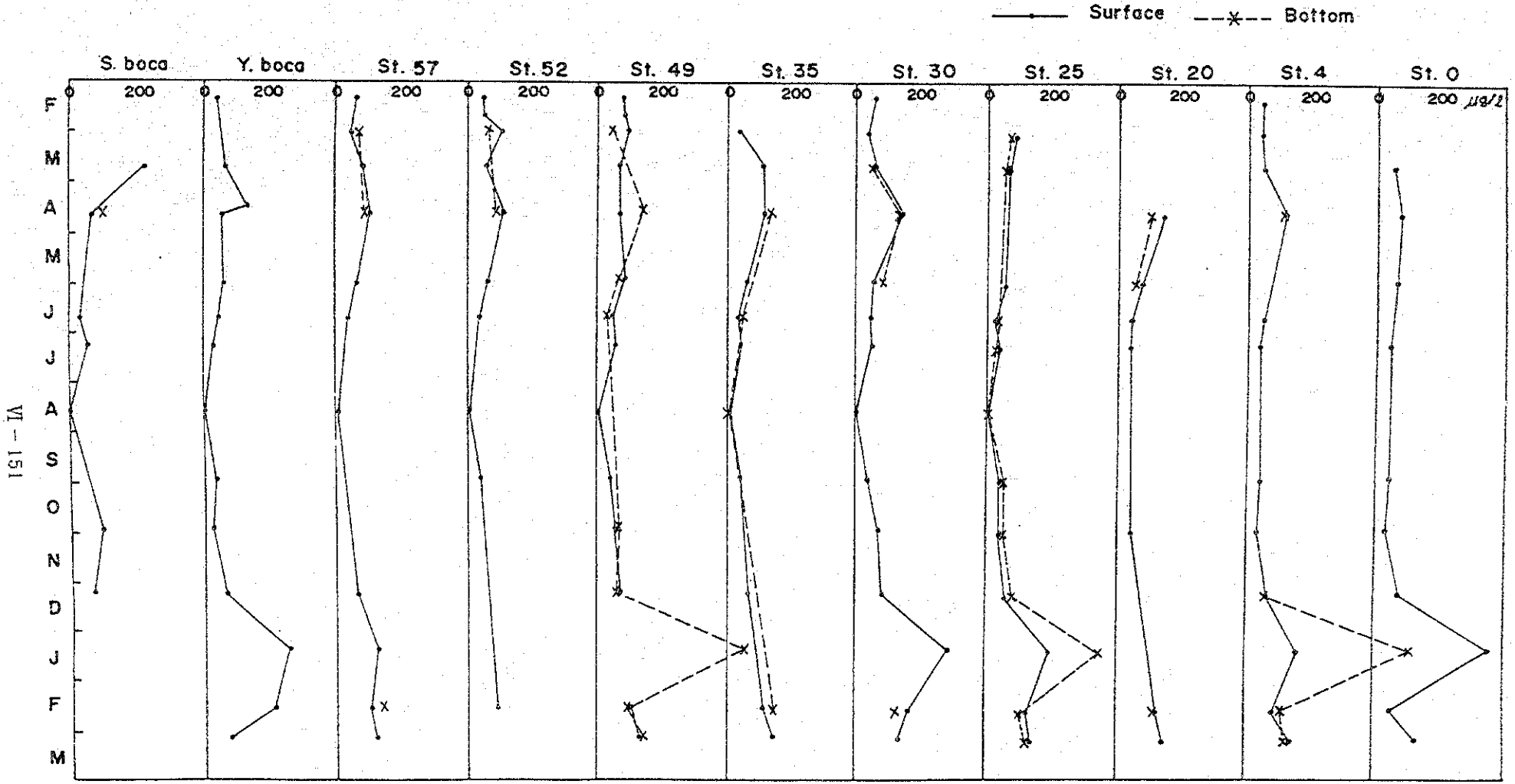


Fig. S6.4.34 Monthly NH_4-N Variation in the Lake

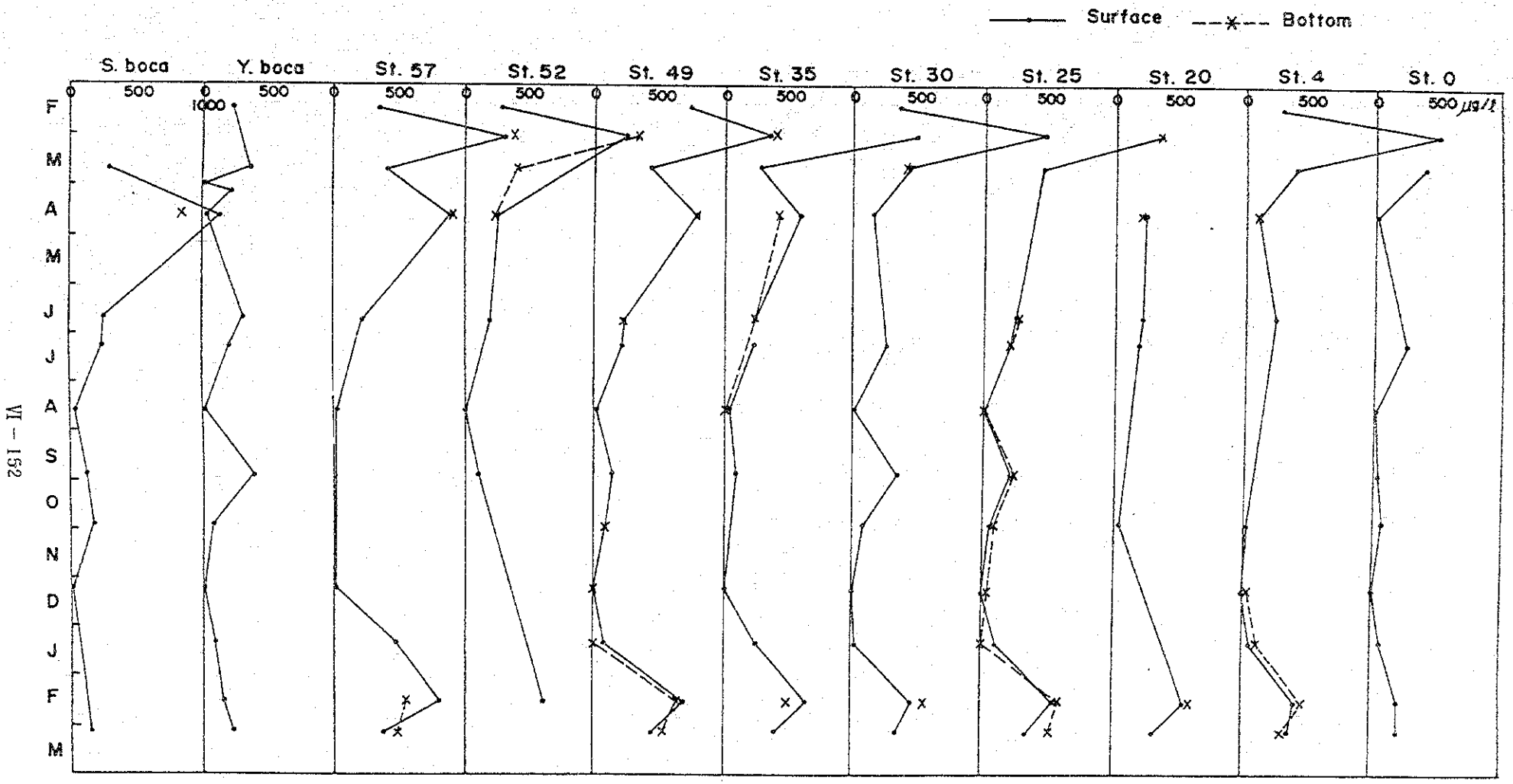


Fig. S6.4.35 Monthly NO_3-N Variation in the Lake

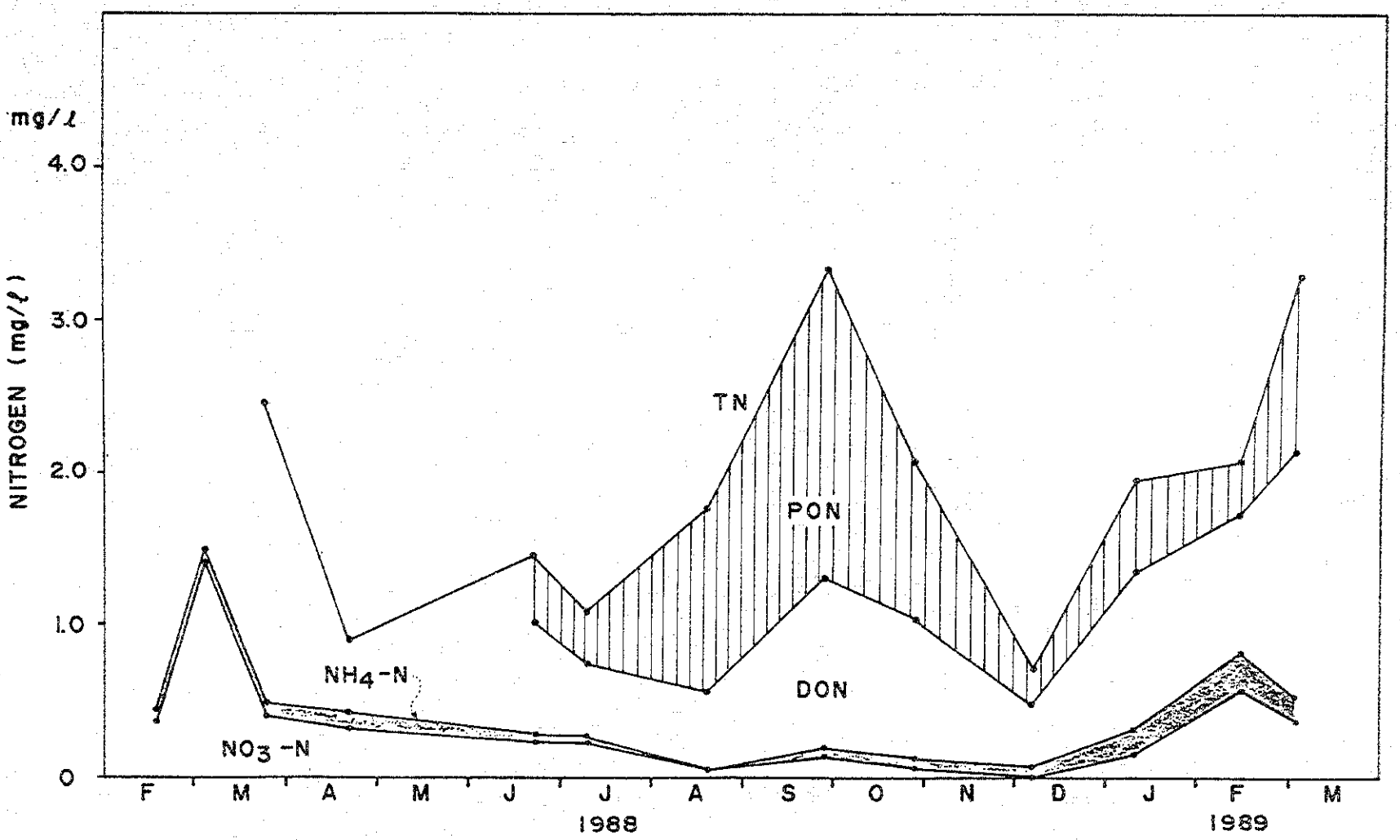


Fig. S6.4.36 Monthly Variation of the Mean Value of Nitrogen in the Lake

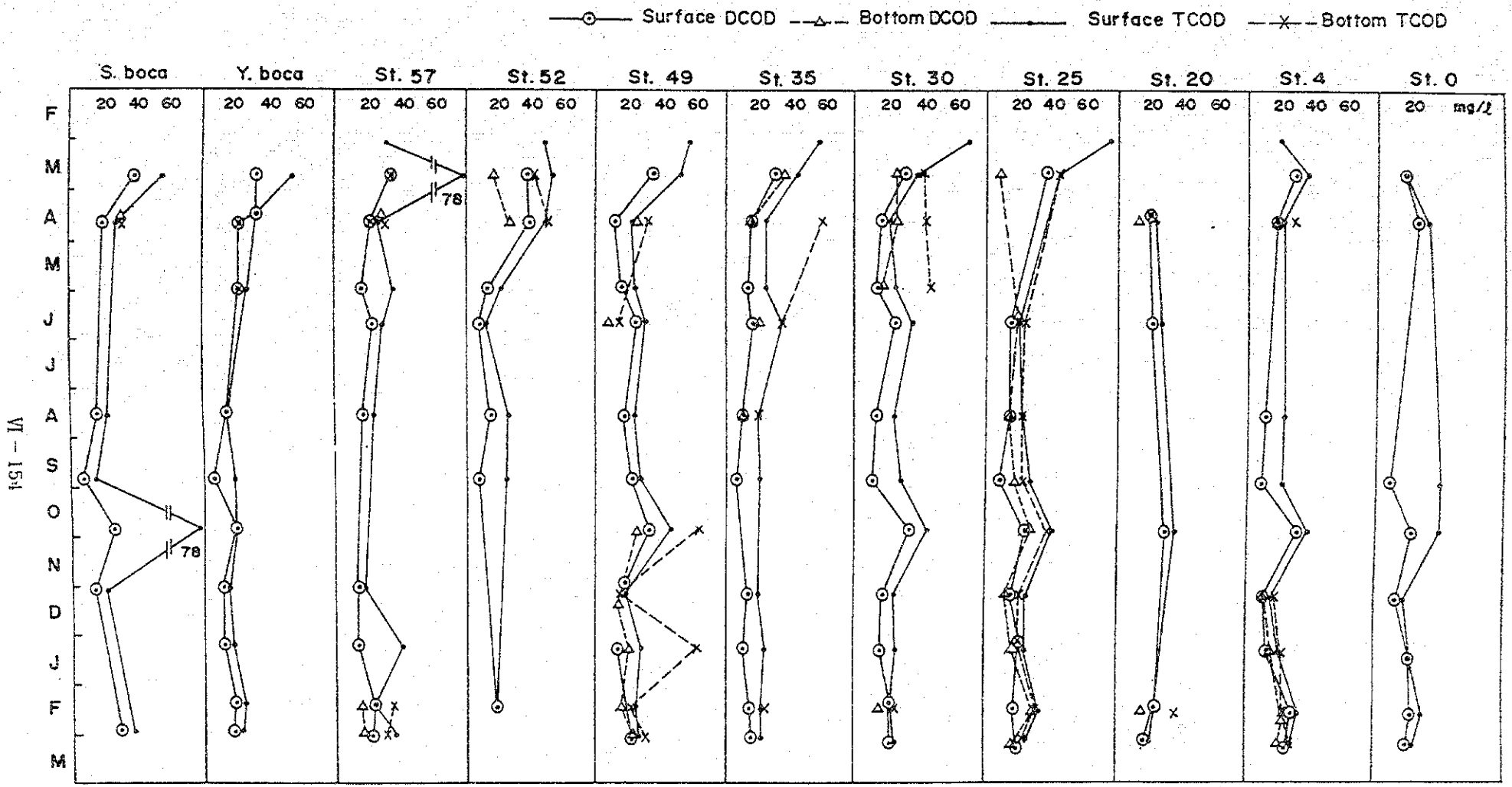


Fig. S6.4.37 Monthly TCOD and DCOD Variation in the Lake

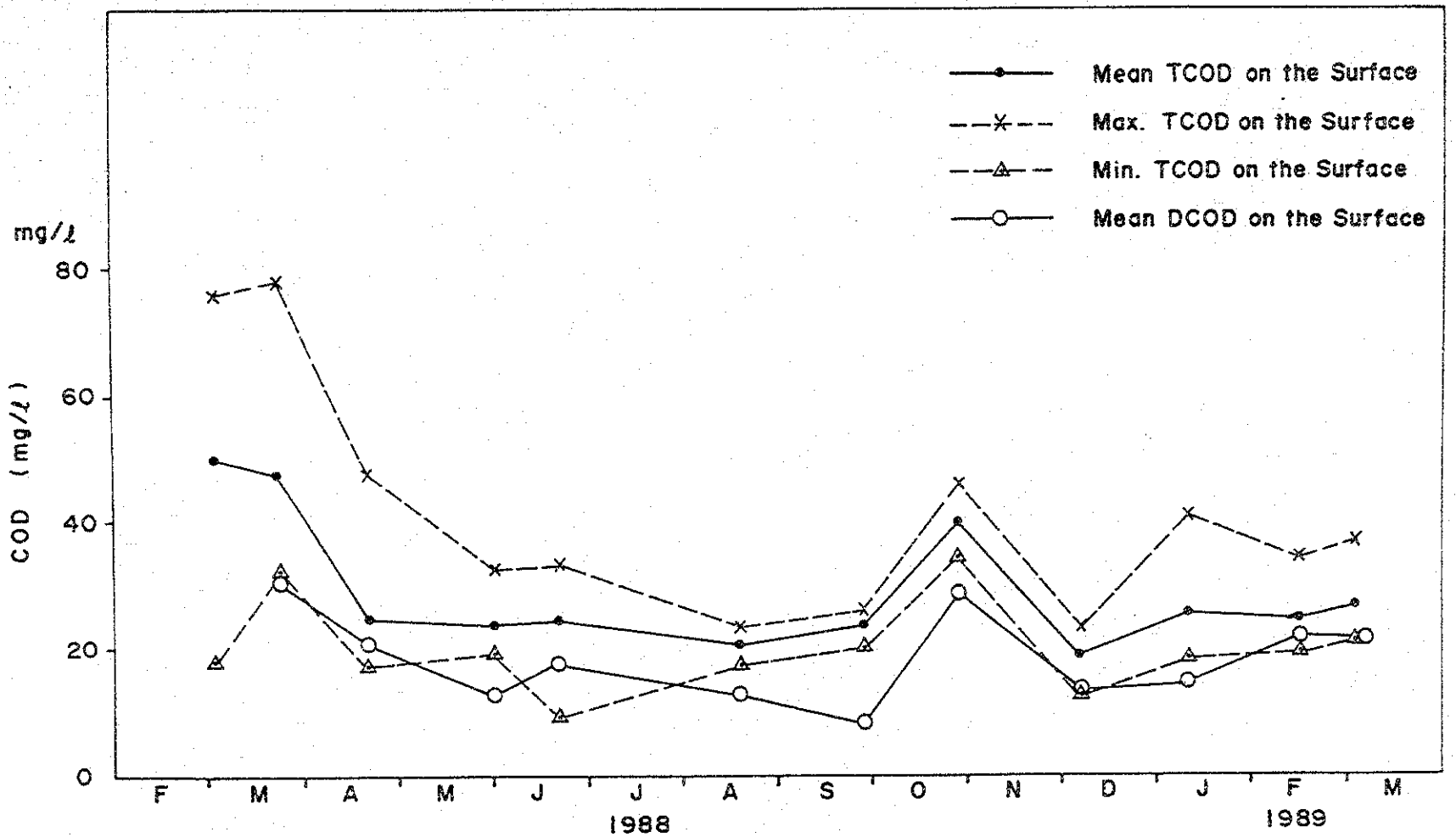


Fig. S6.4.38 Monthly Variation of the Mean Value of COD in the Lake

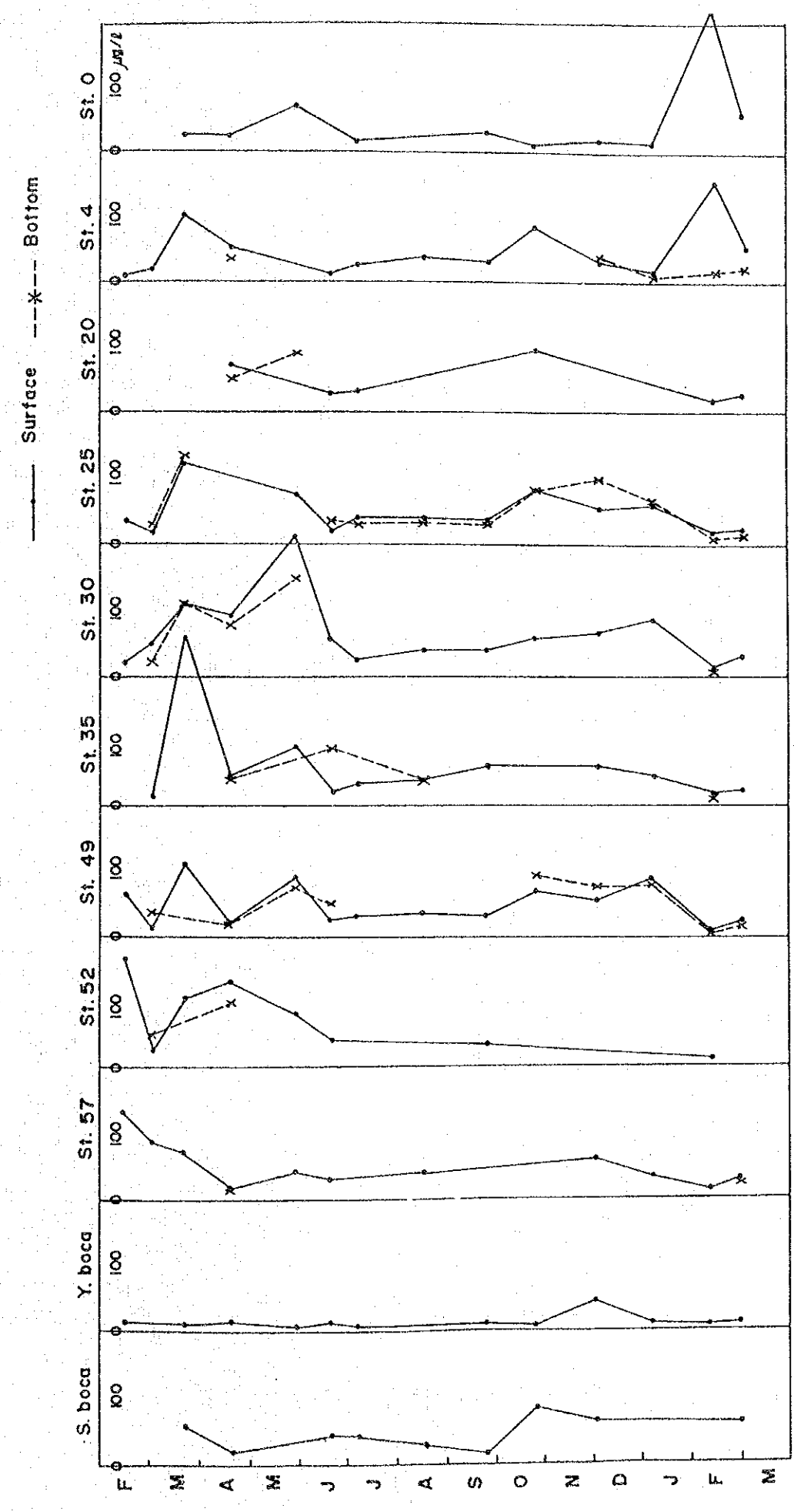


Fig. S6.4.39 Monthly Chl-a Variation in the Lake

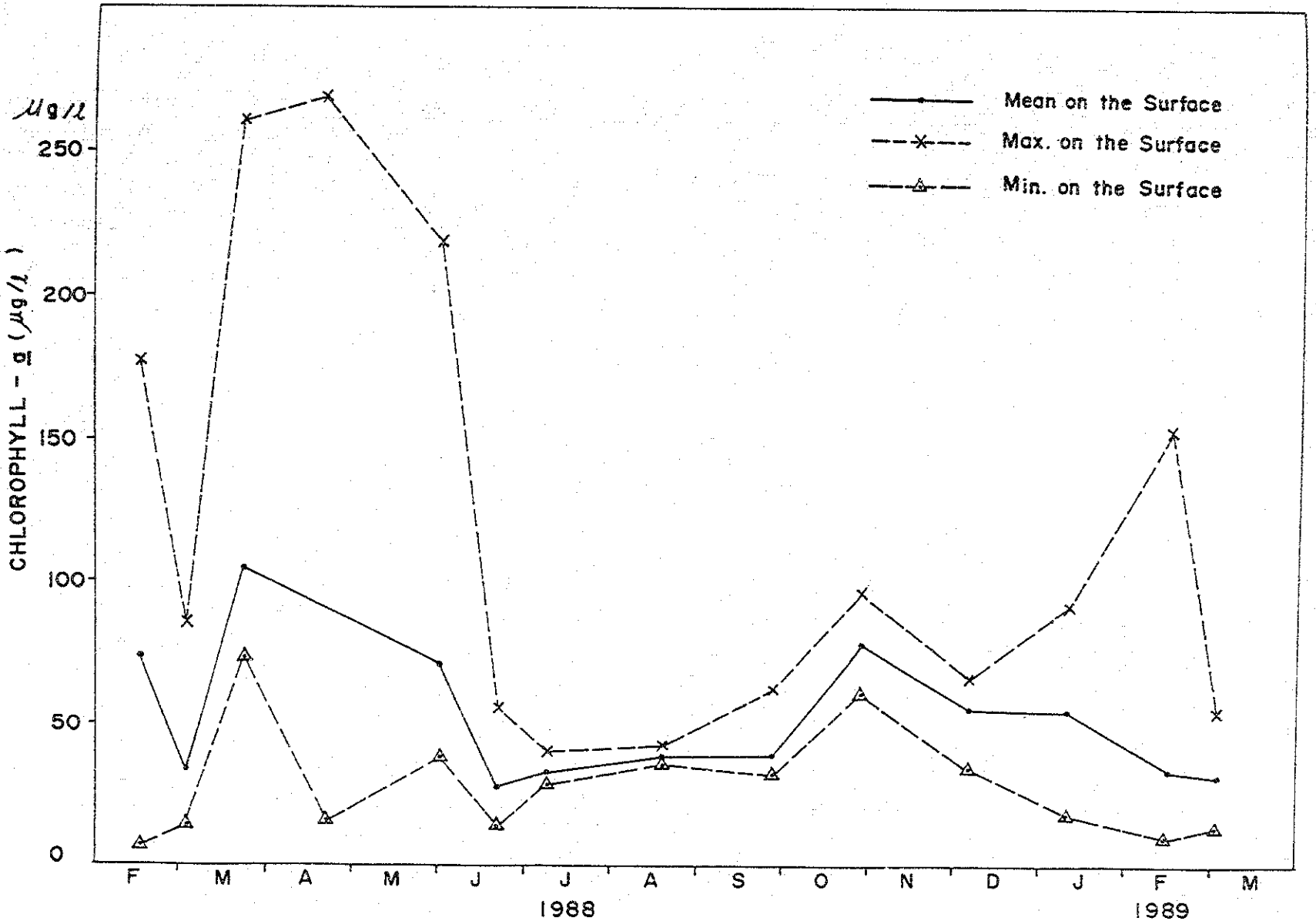


Fig. S6.4.40 Monthly Variation of the Mean Value of Chl-a in the Lake

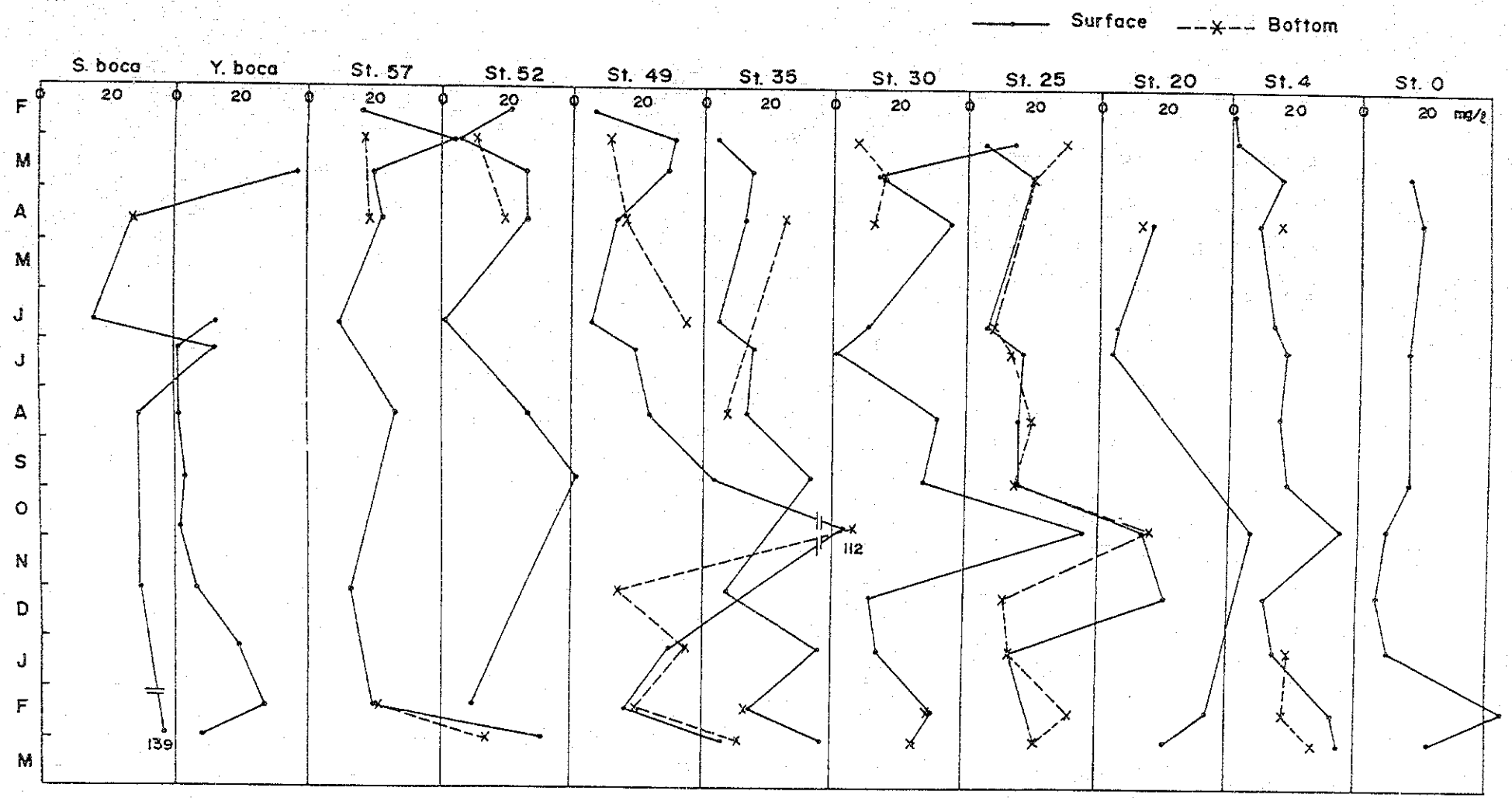


Fig. S6.4.41 Monthly SS Variation in the Lake

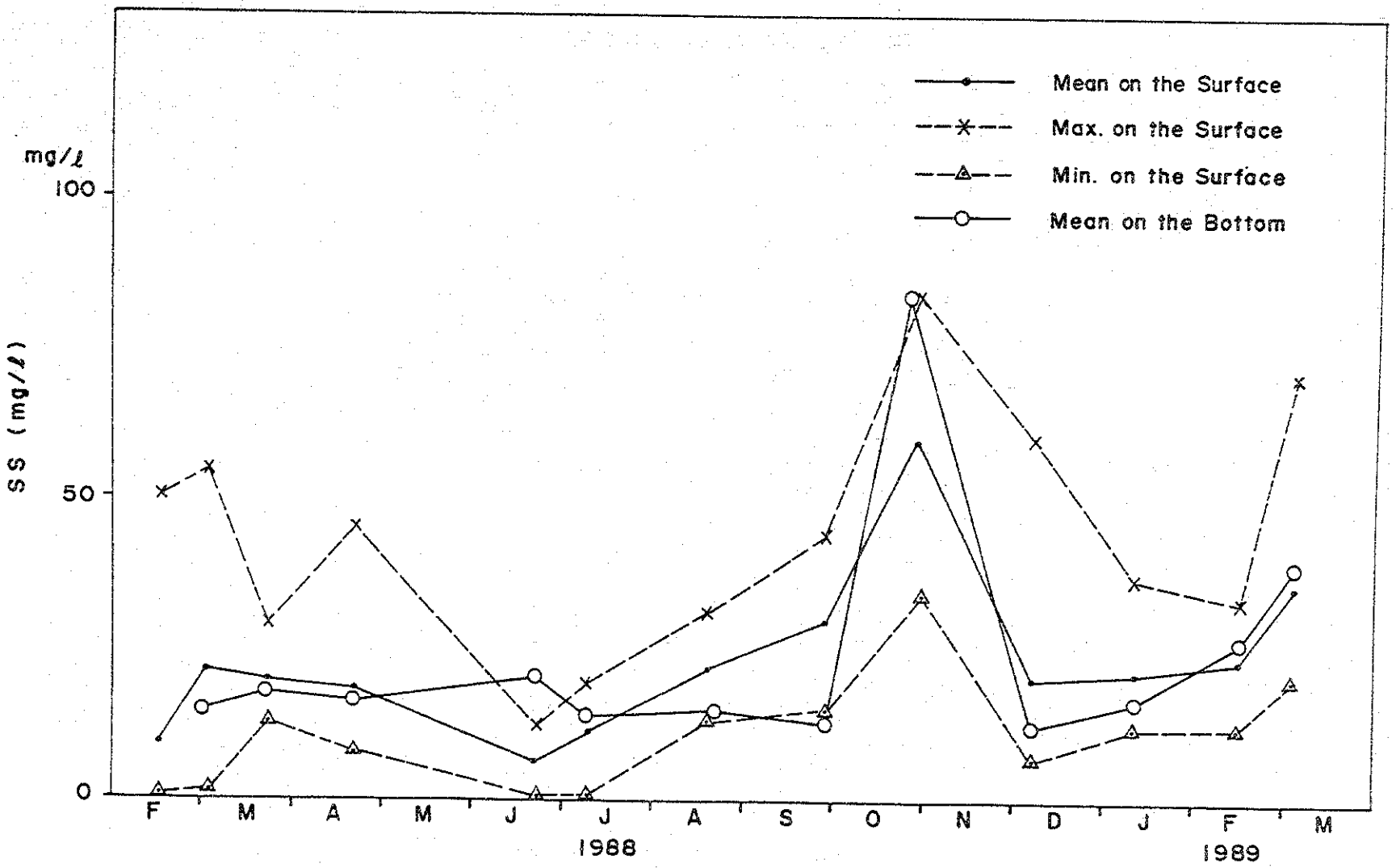


Fig.S6.4.42 Monthly Variation of the Mean Value of SS in the Lake

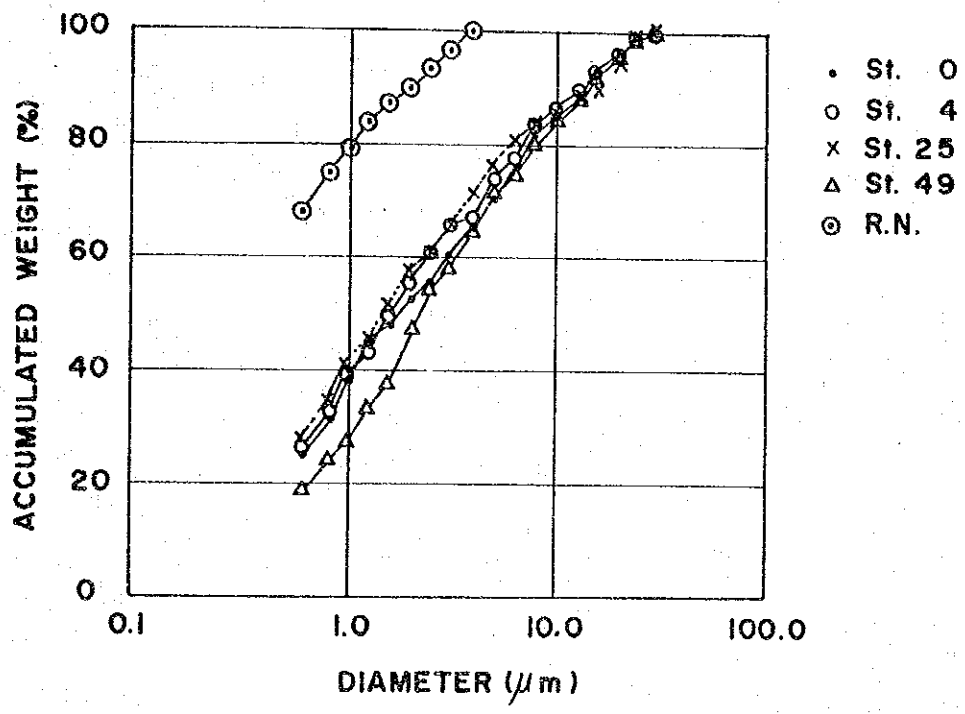


Fig. S6.4.43 Diameter of Particles in the Lake Water

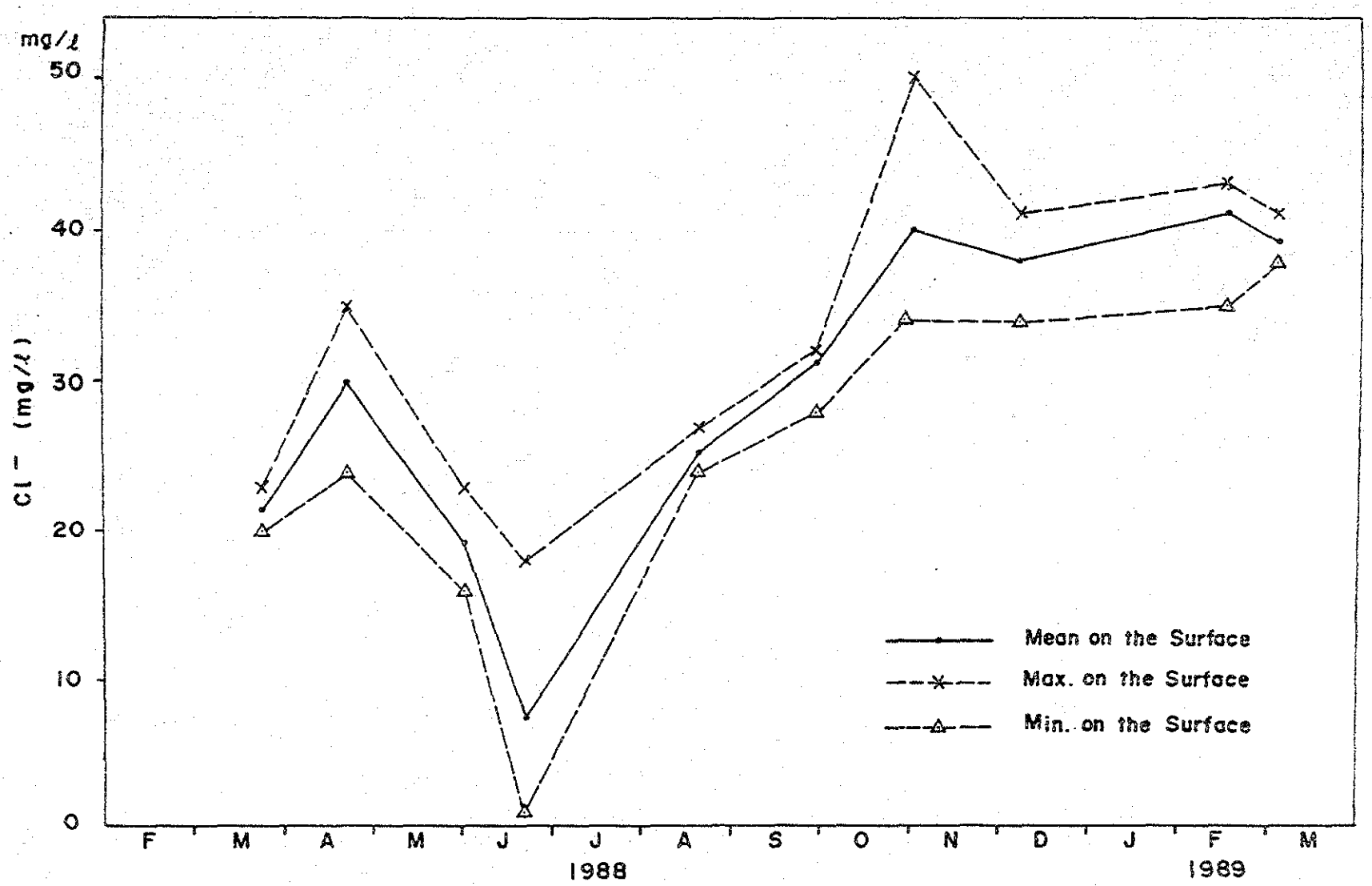


Fig. S6.4.44 Monthly Variation of the Mean Value of Cl- in the Lake

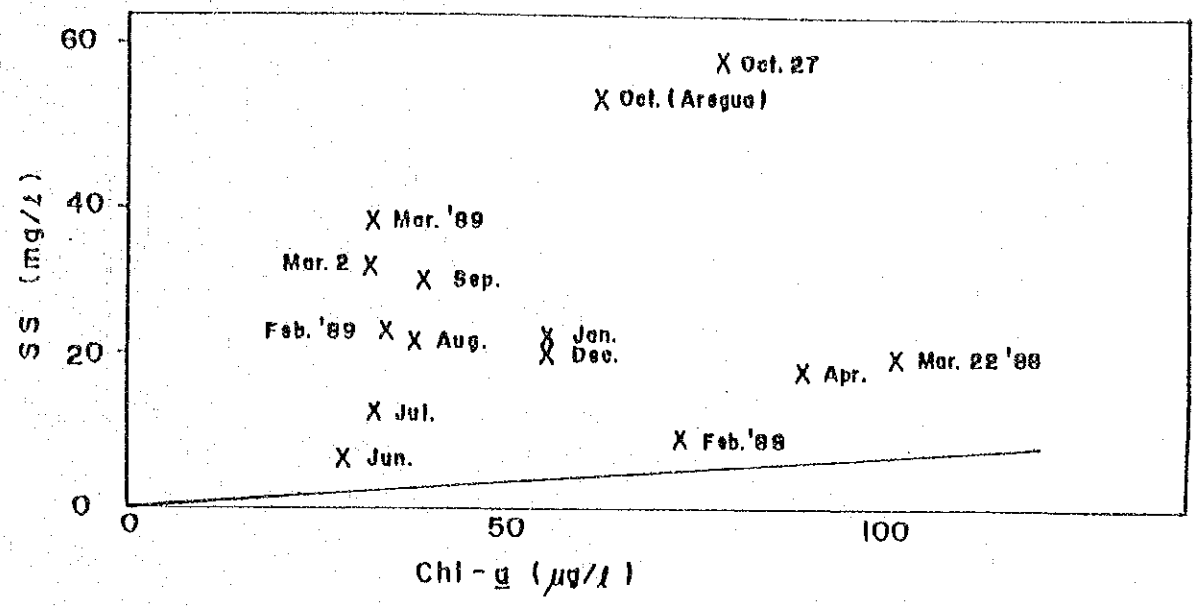


Fig. S6.4.45 Relationship between SS and Chl-a

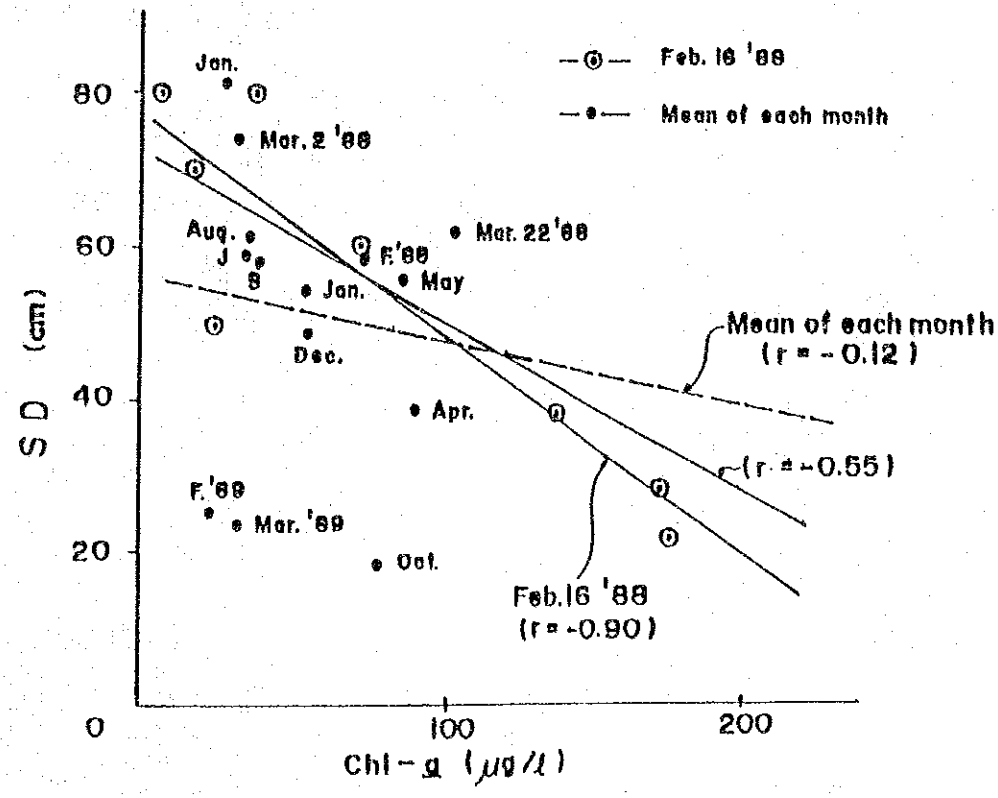


Fig. S6.4.46 Relationship between SD and Chl-a

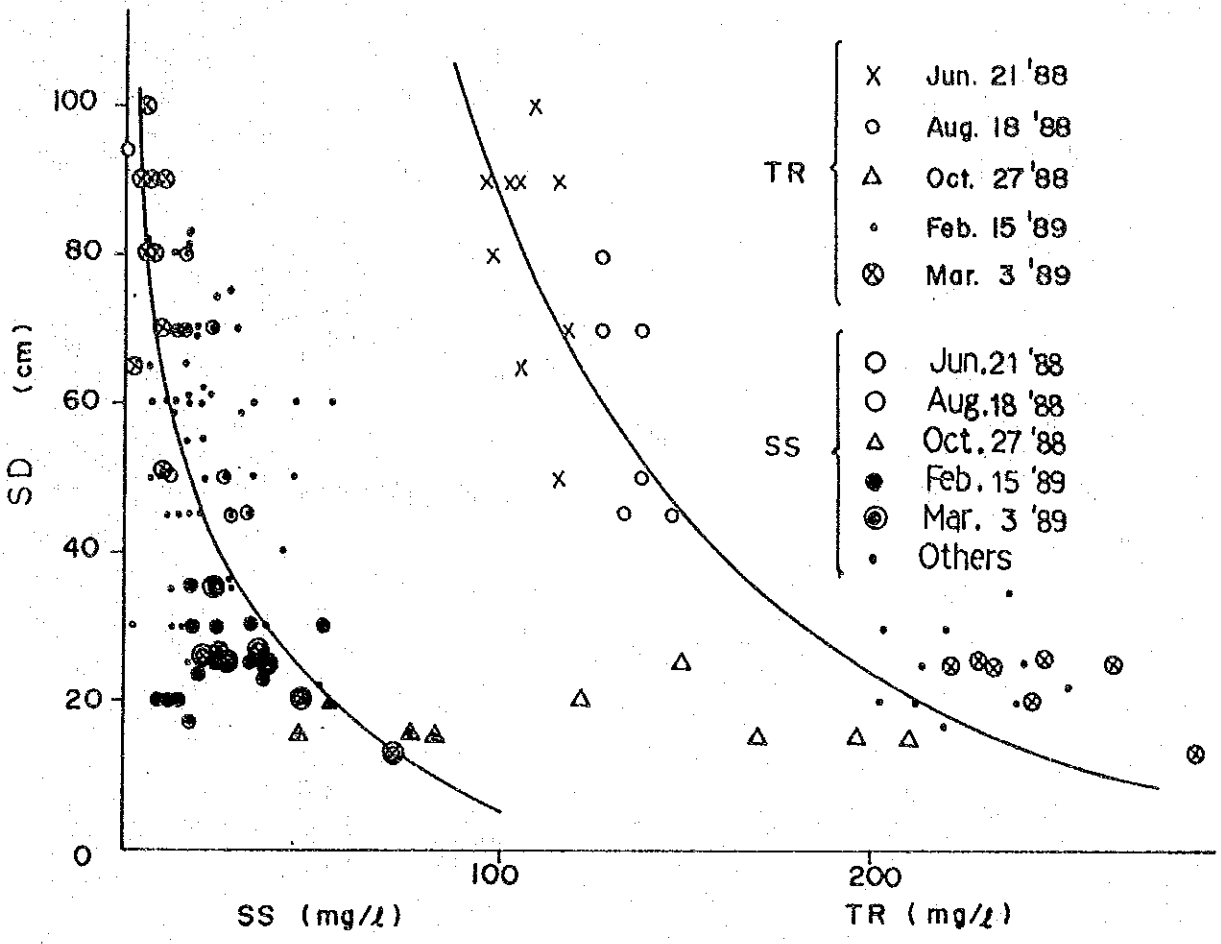


Fig. S6.4.47 Relationship between SD and SS, TR

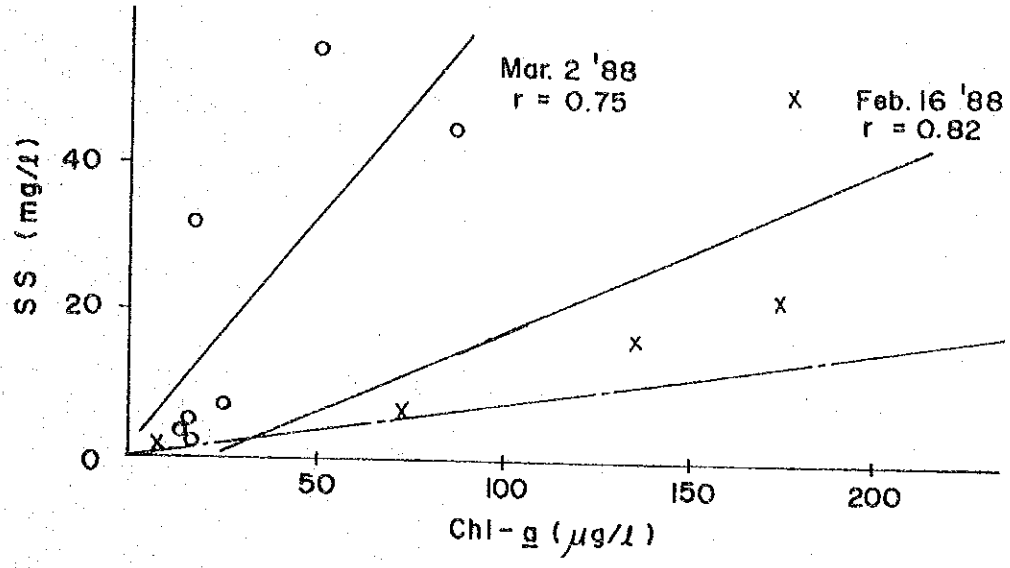


Fig. S6.4.48 Relationship between SS and Chl-a on Feb.16 and Mar.2, 1988

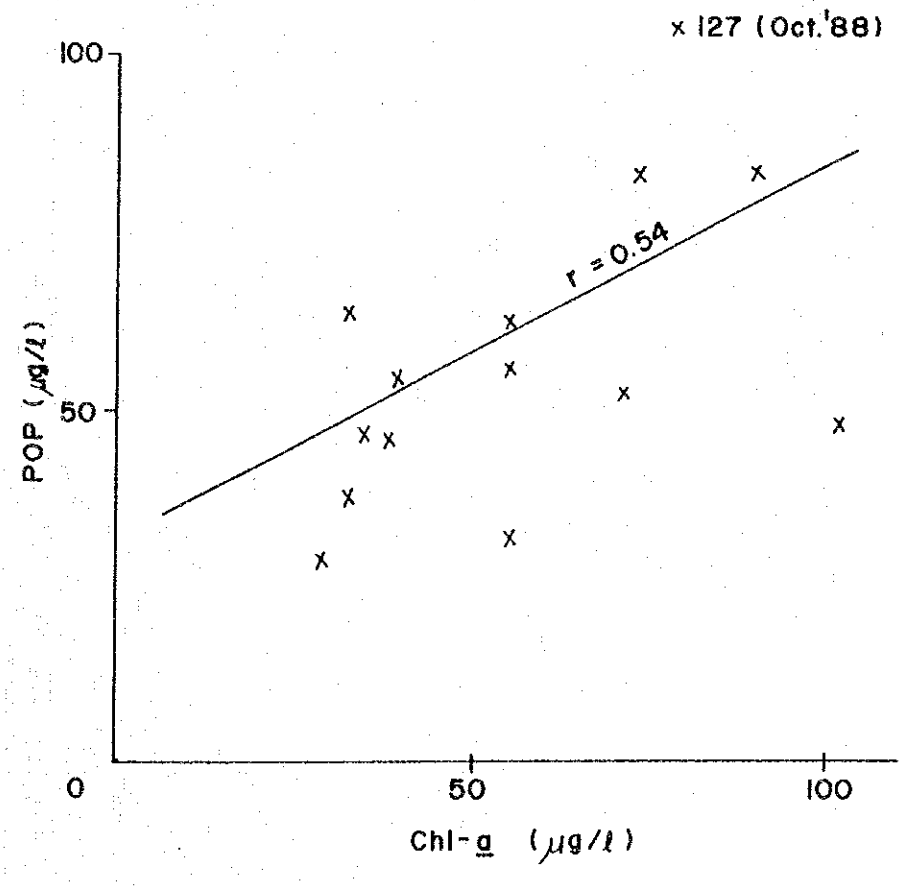


Fig. S6.4.49 Relationship between POP and Chl-a

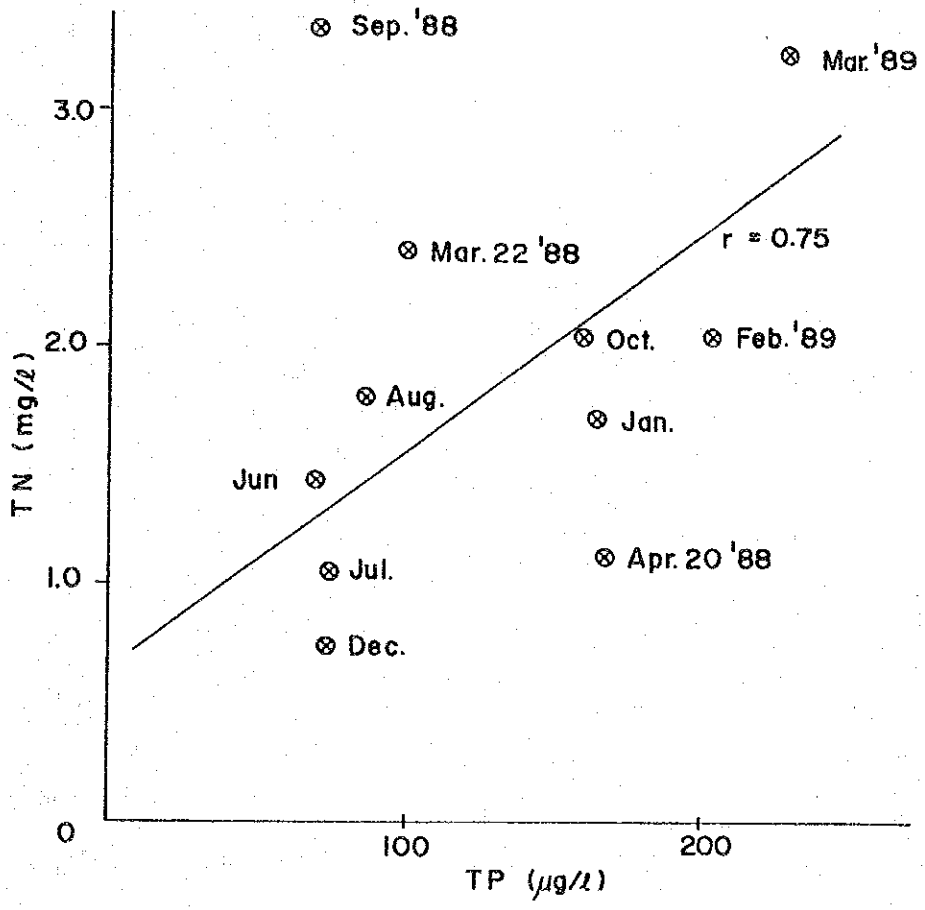


Fig. S6.4.50 Relationship between TN and TP

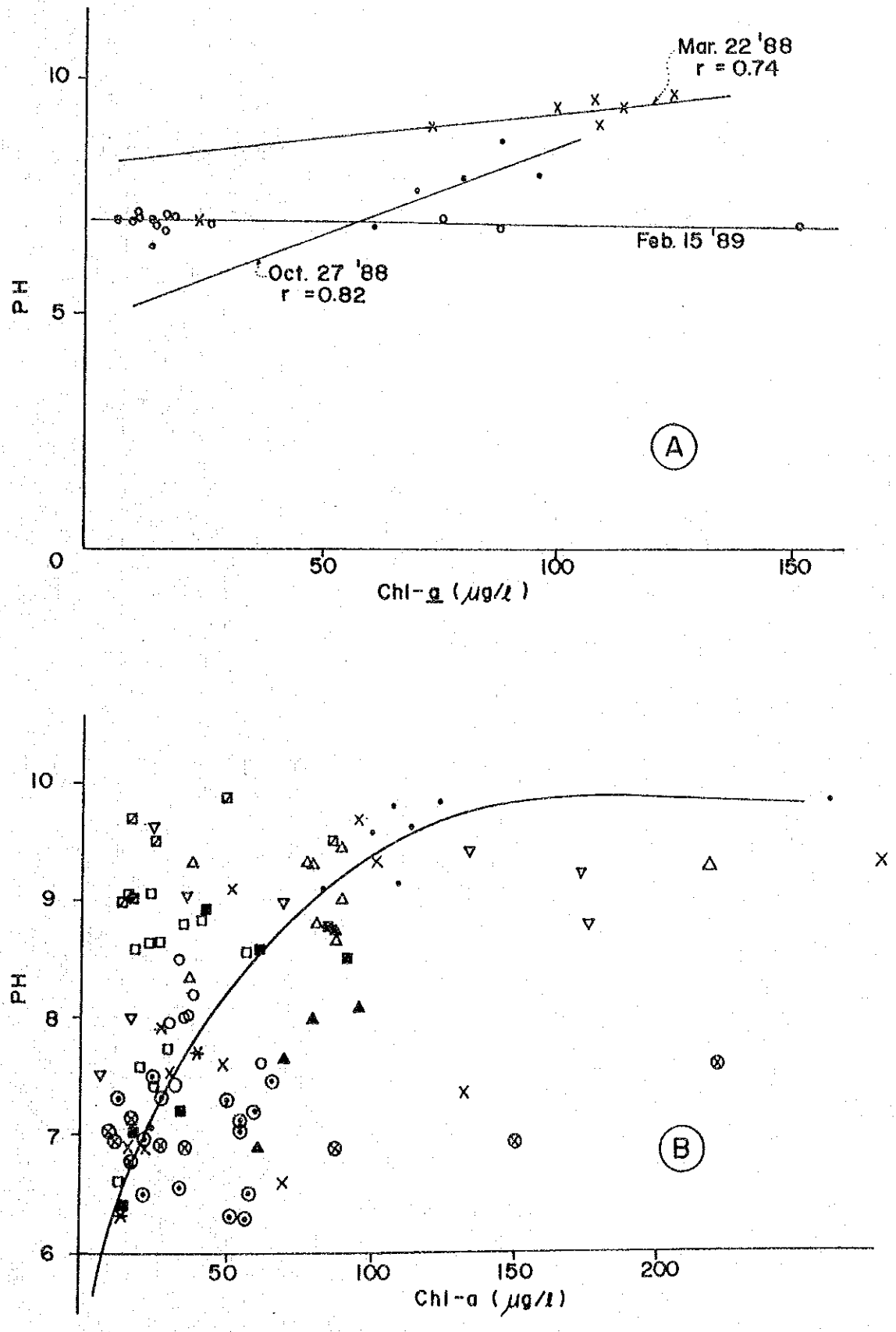


Fig. S6.4.51 Relationship between pH and Chl-a

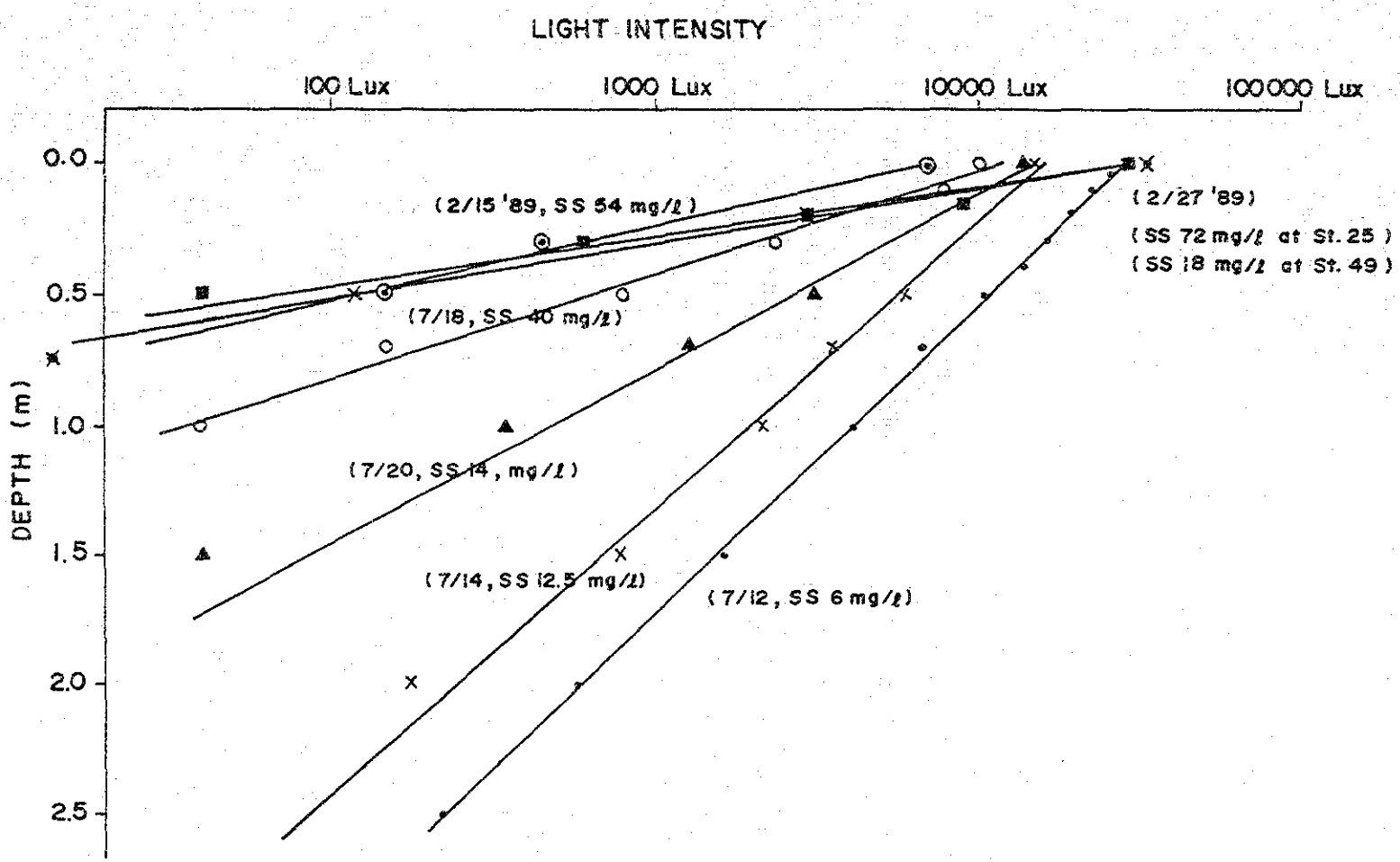


Fig. S6.4.52 Light Attenutation in the Lake Water

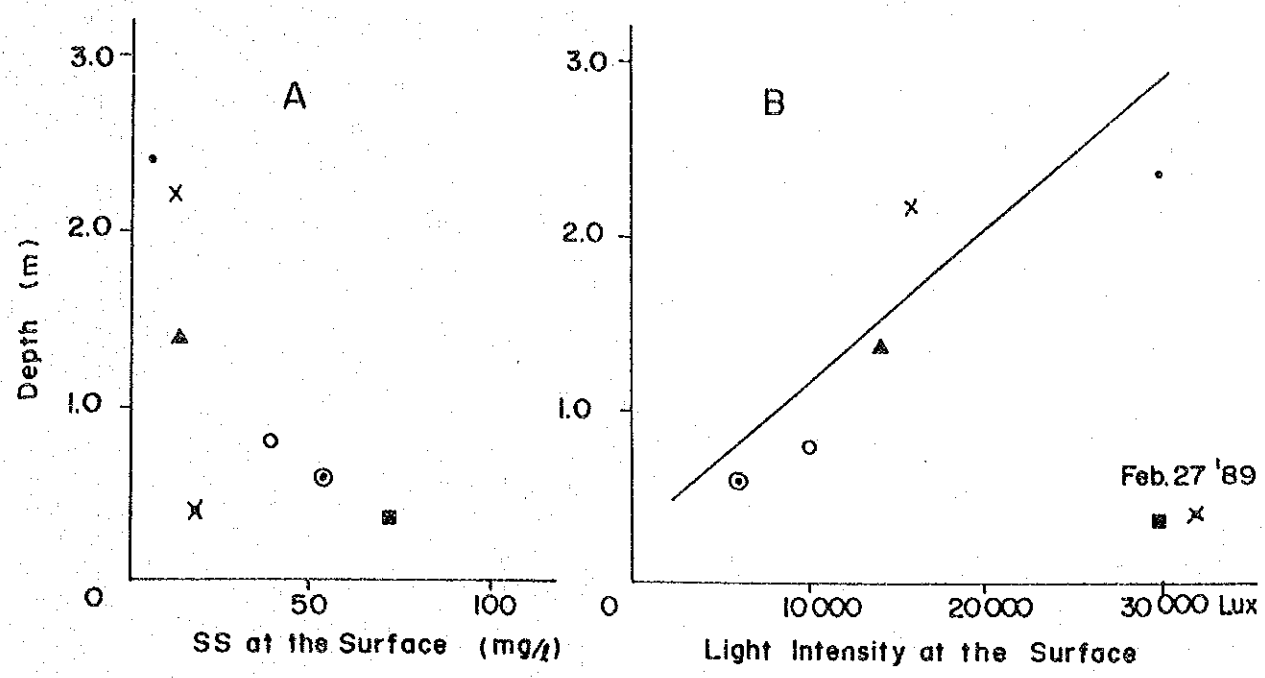


Fig. S6.4.53 Relationship between the Depth where the Light Intensity is 1% of the Surface and SS at the Surface (A), and Light Intensity at the Surface (B)

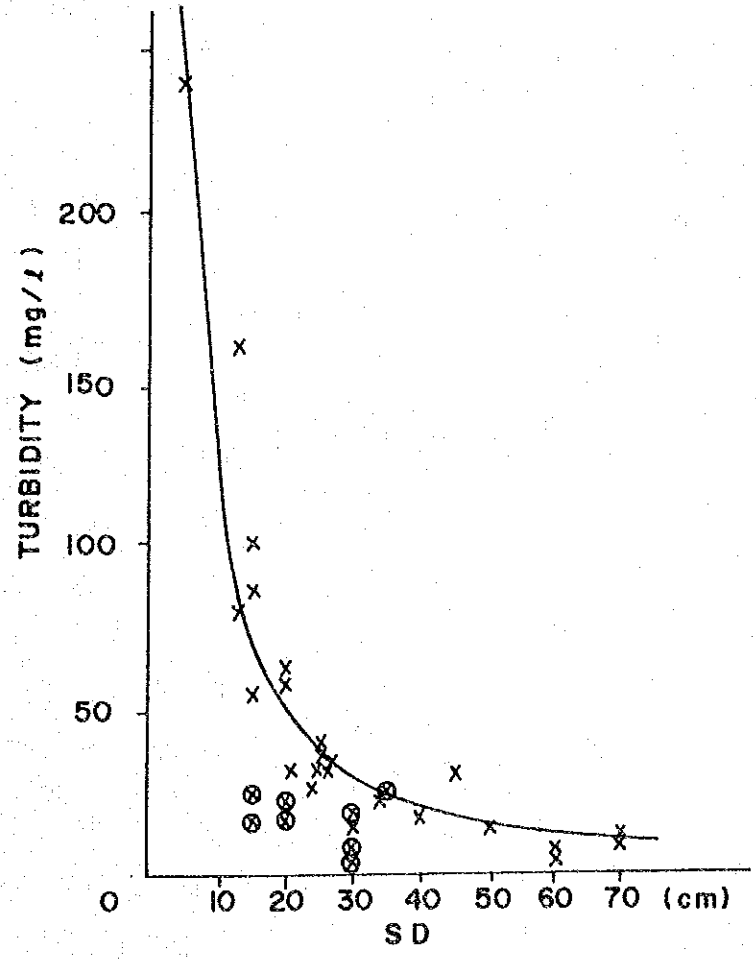


Fig. S.6.4.54 Relationship between Turbidity and SD

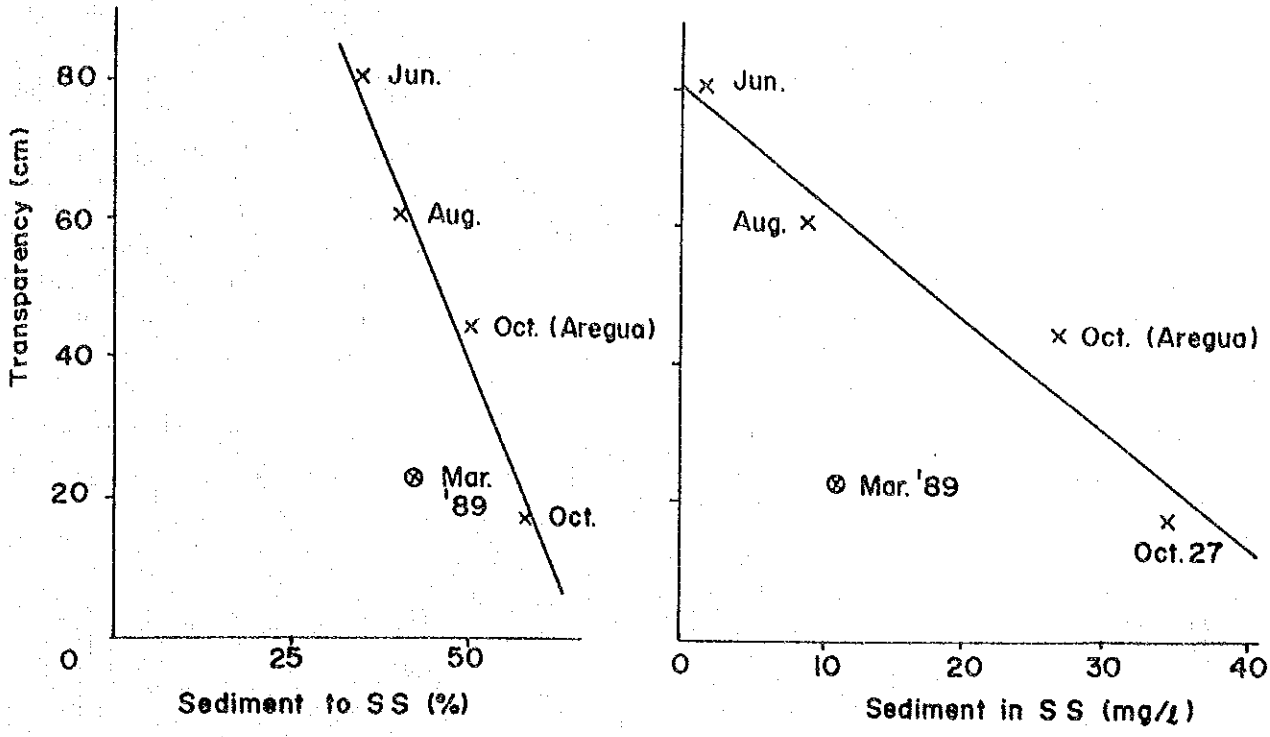


Fig. S6.4.55 Relationship between SD and the Mixing Ratio of Sediment to SS and the Sediment Content in SS

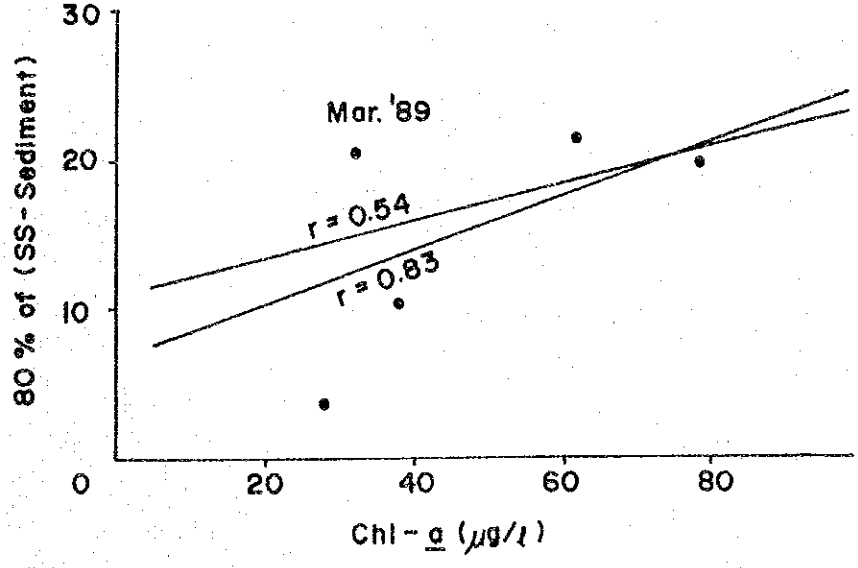


Fig. S6.4.56 Relationship between 80% of (SS-Sediment) and Chl-a

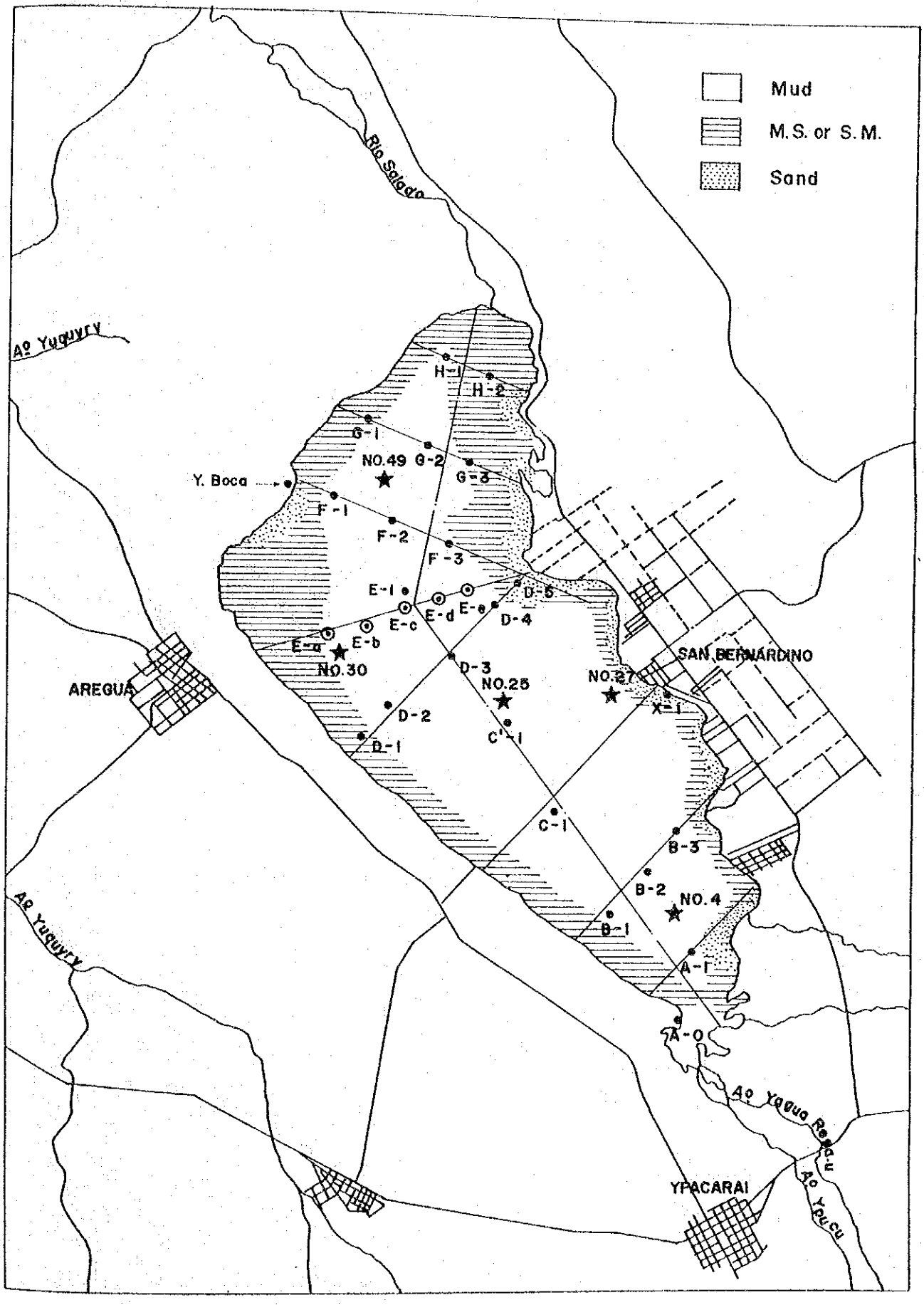


Fig. S6.5.1 Sediment Sampling Stations in the Lake

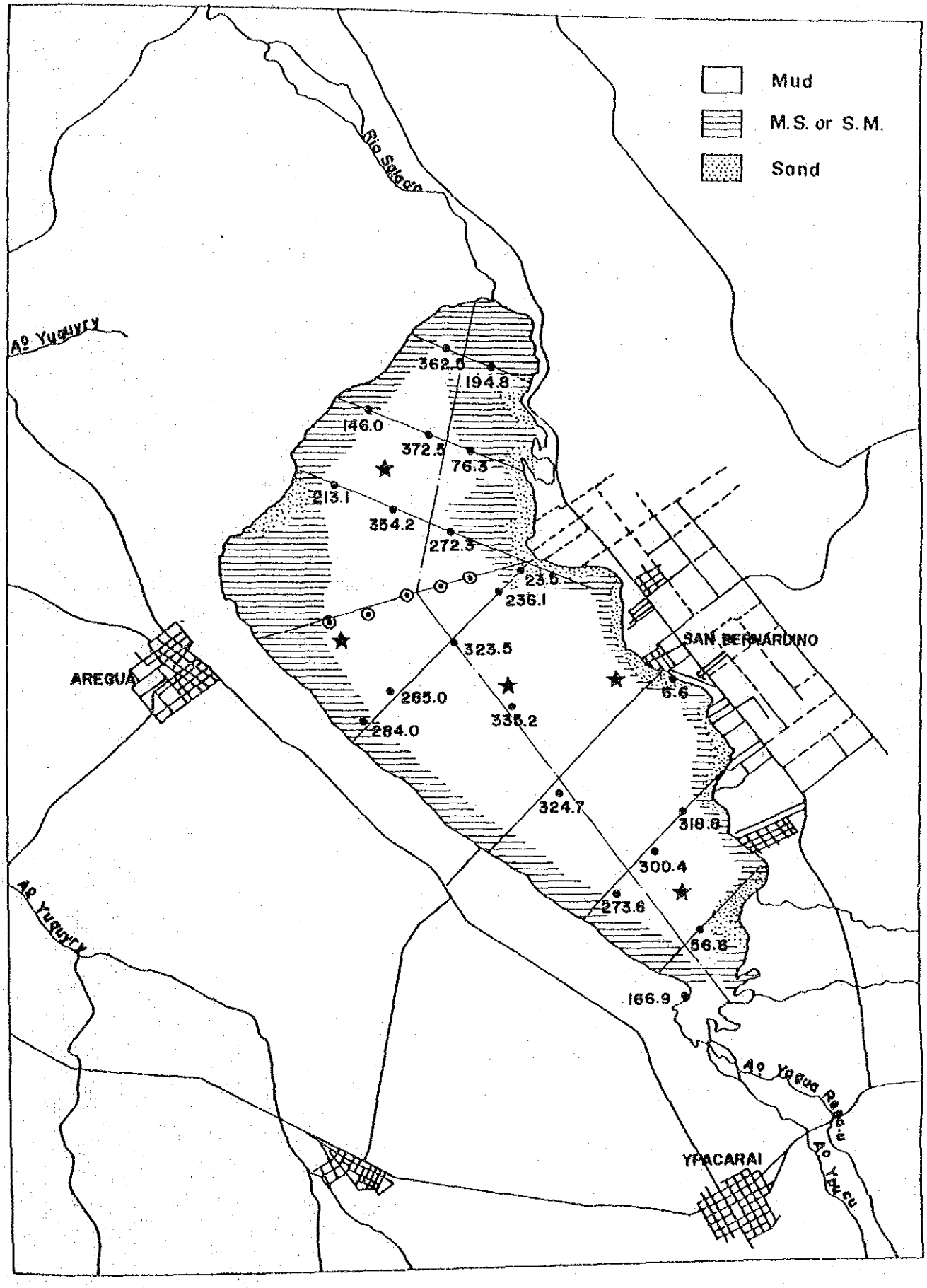


Fig. S6.5.2 Water Content of Surface Sediment in the Lake (%)

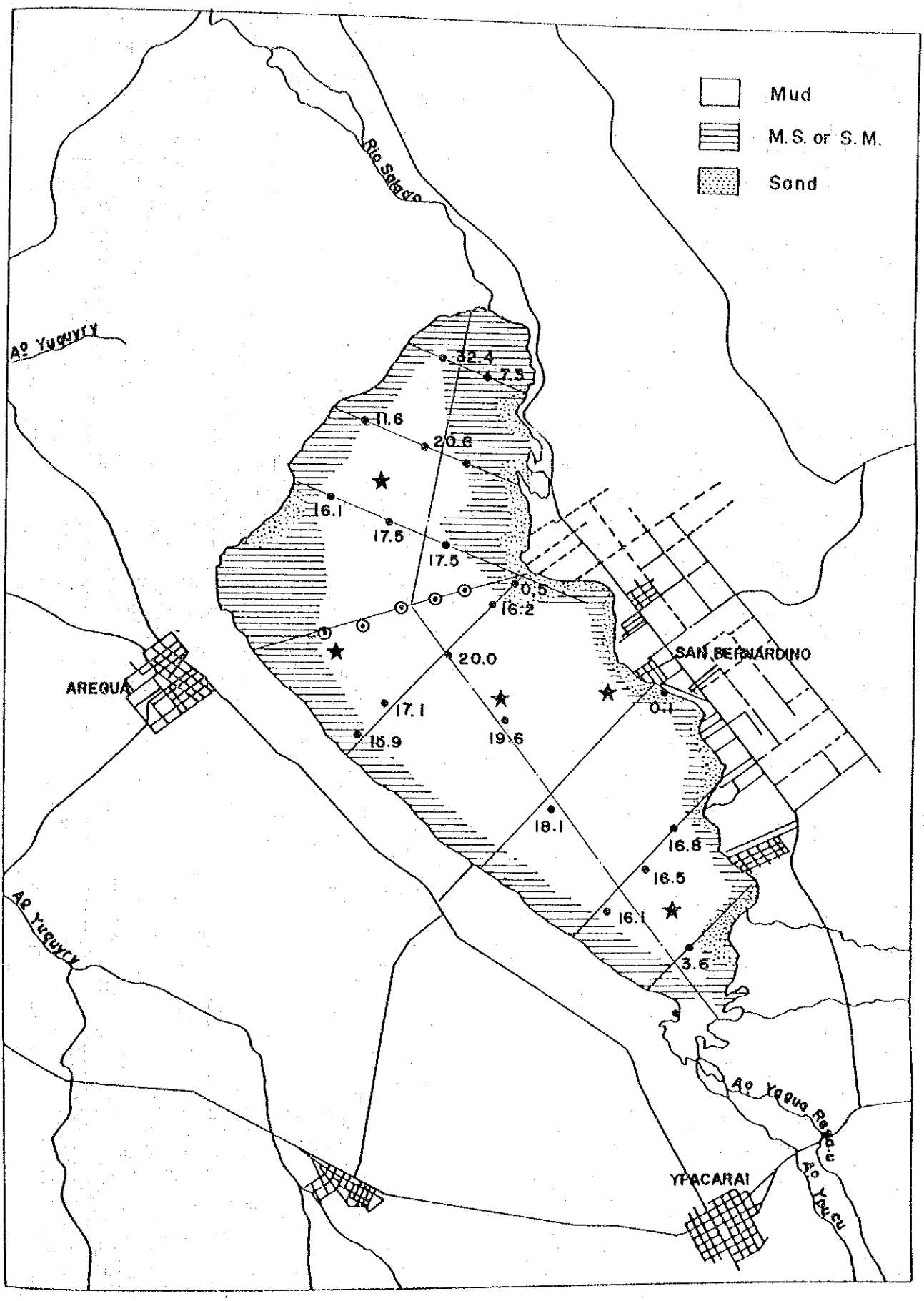


Fig. S6.5.3 Ignition Loss of Surface Sediment in the Lake (%)

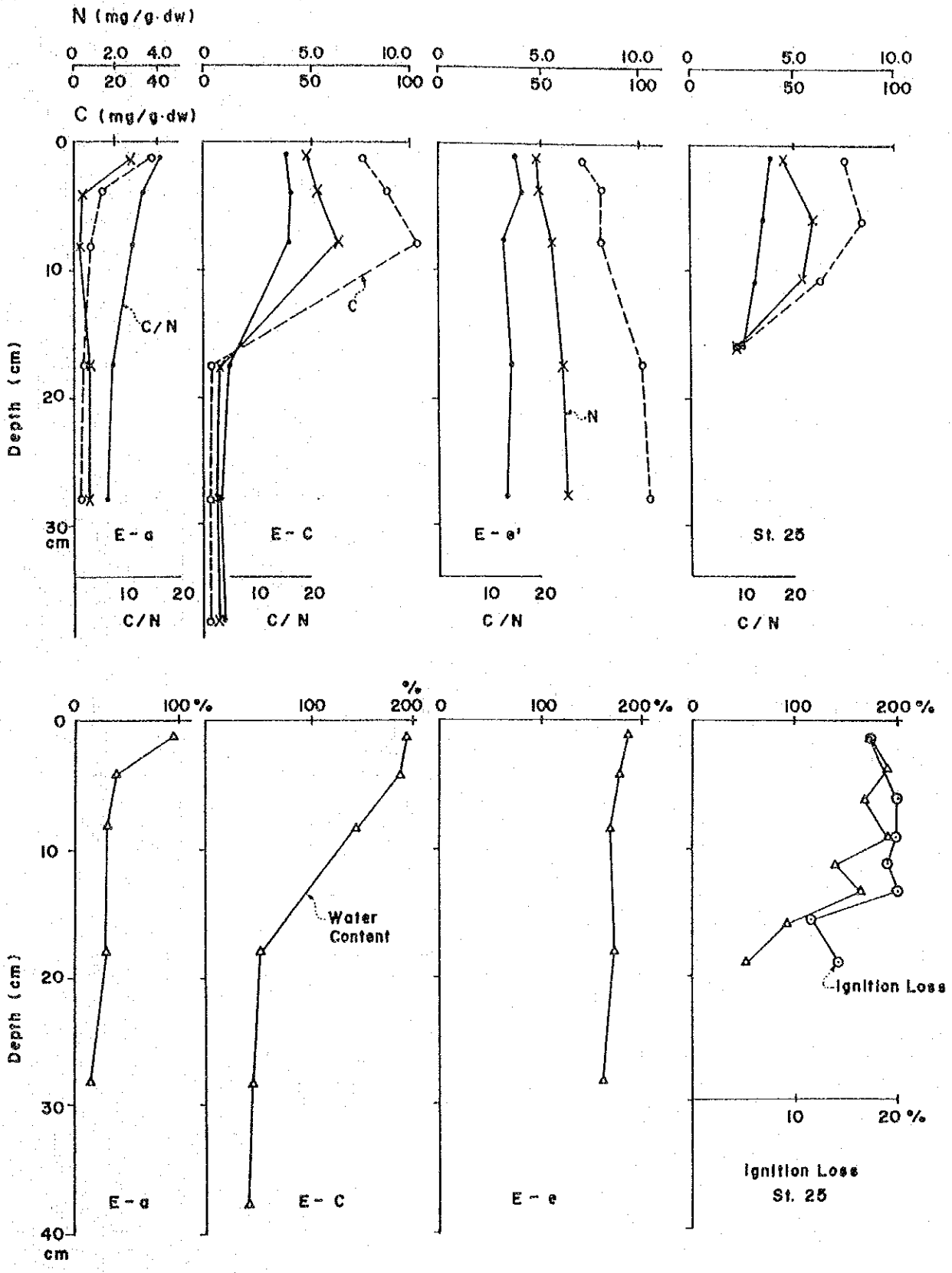


Fig. S6.5.4 Vertical Profiles of Physical and Chemical Characteristics of the Lake Sediment

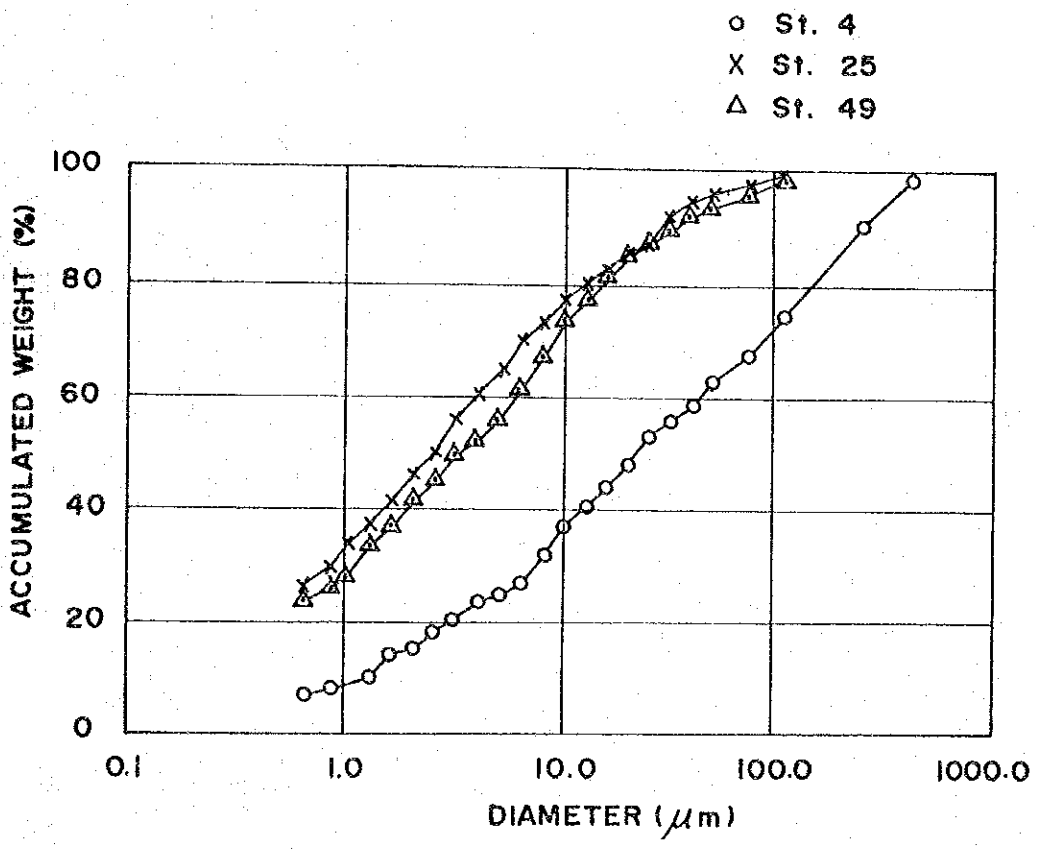


Fig. S6.5.5 Grain Diameter of the Lake Sediment

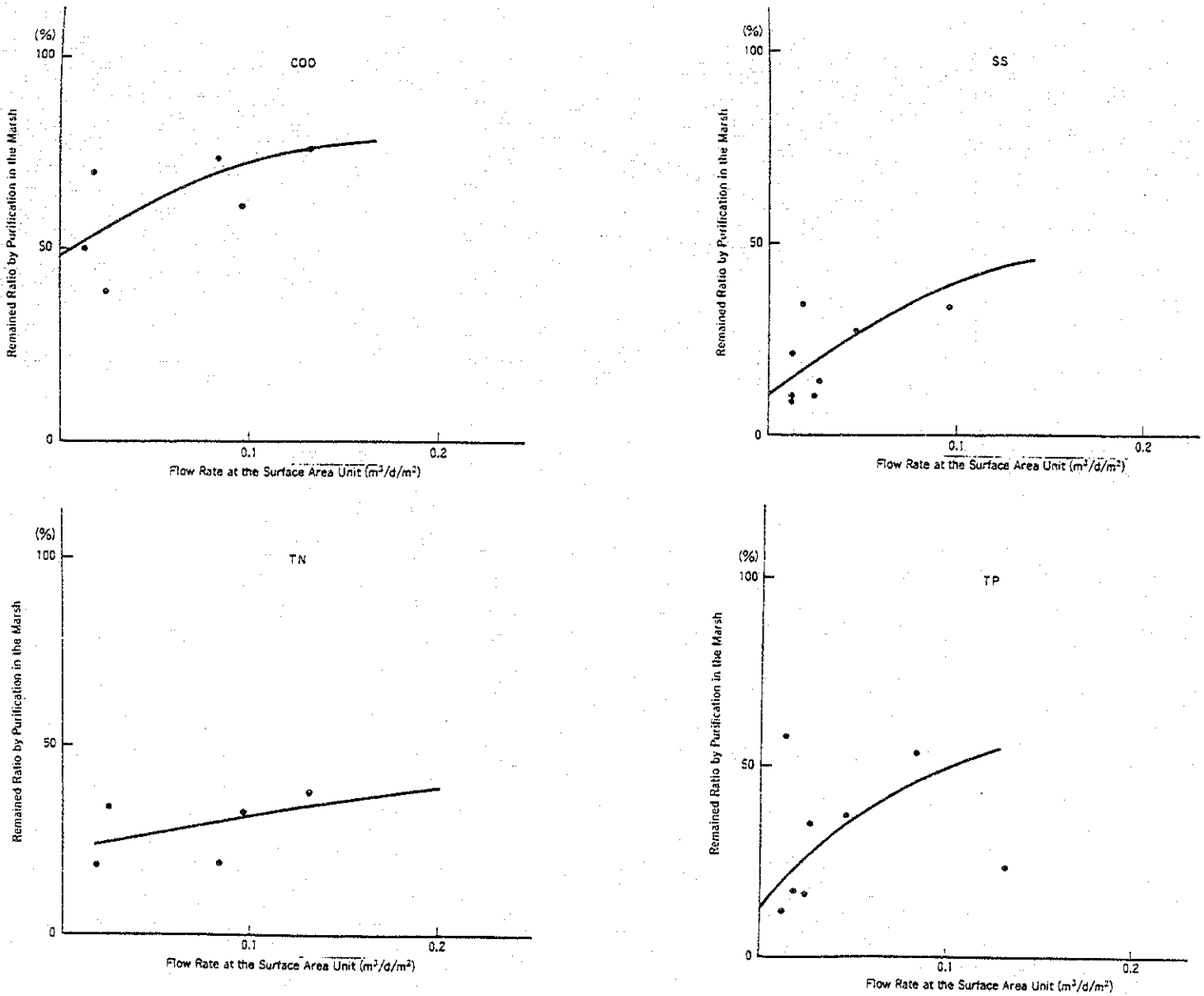


Fig. S6.6.1 Relation between Remained Ratio by Purification and Flow Rate at the Surface Area Unit in the Yuquyry Marsh

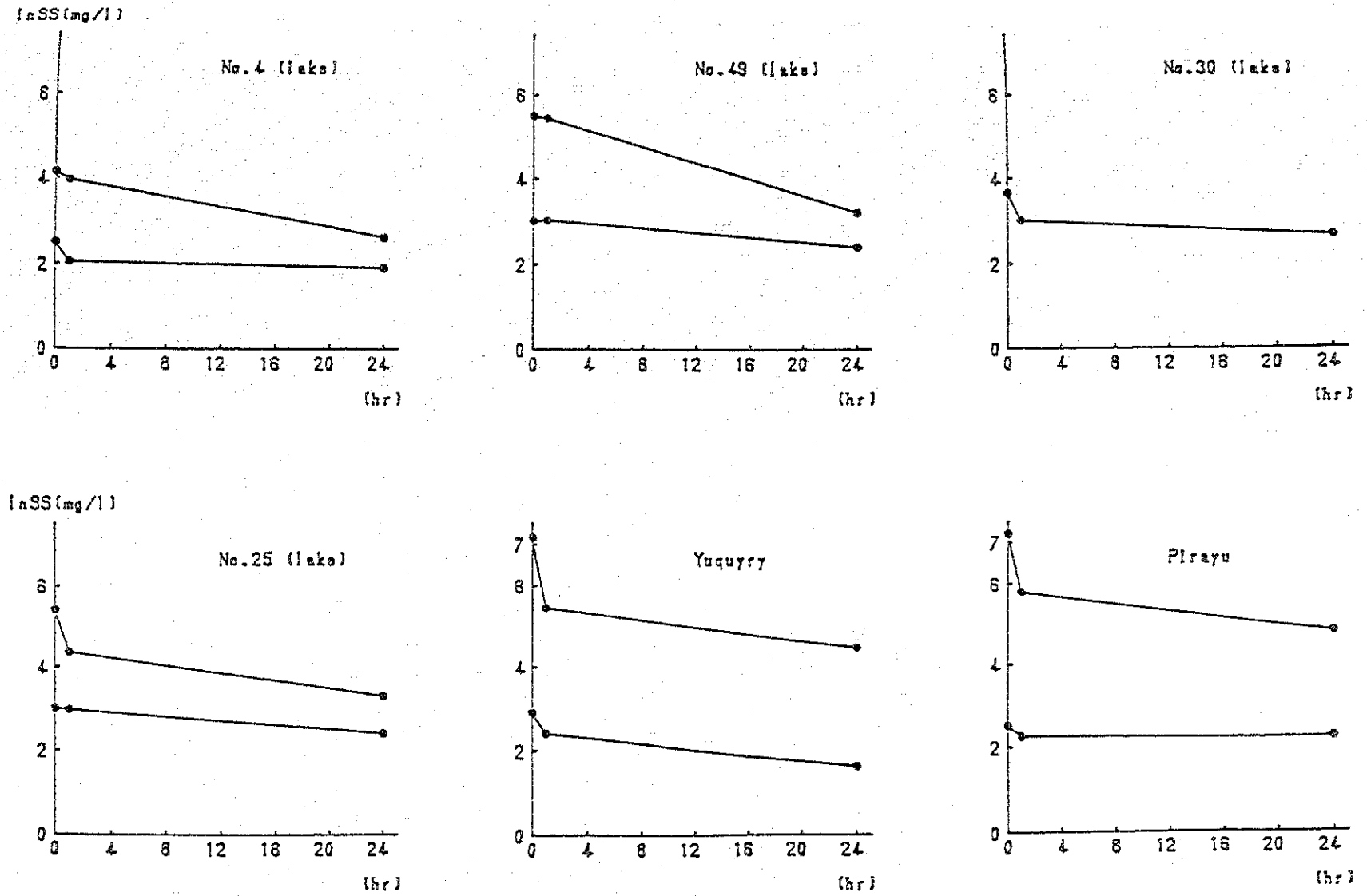


Fig. S6.6.2 Results of Experiments of Sedimentation

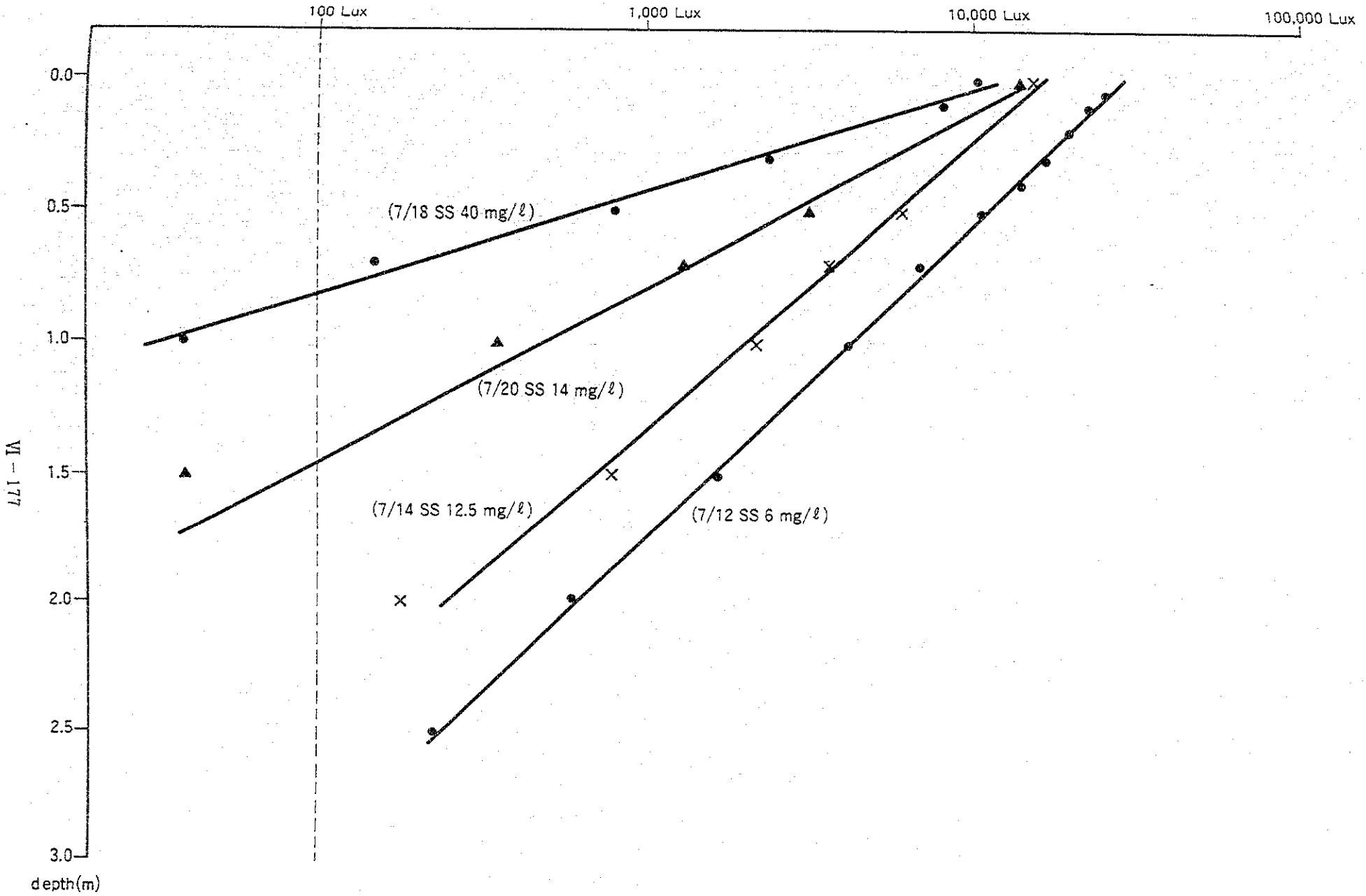


Fig. S6.6.3 Reduction of Ilumination in Lake (Place No. 30)

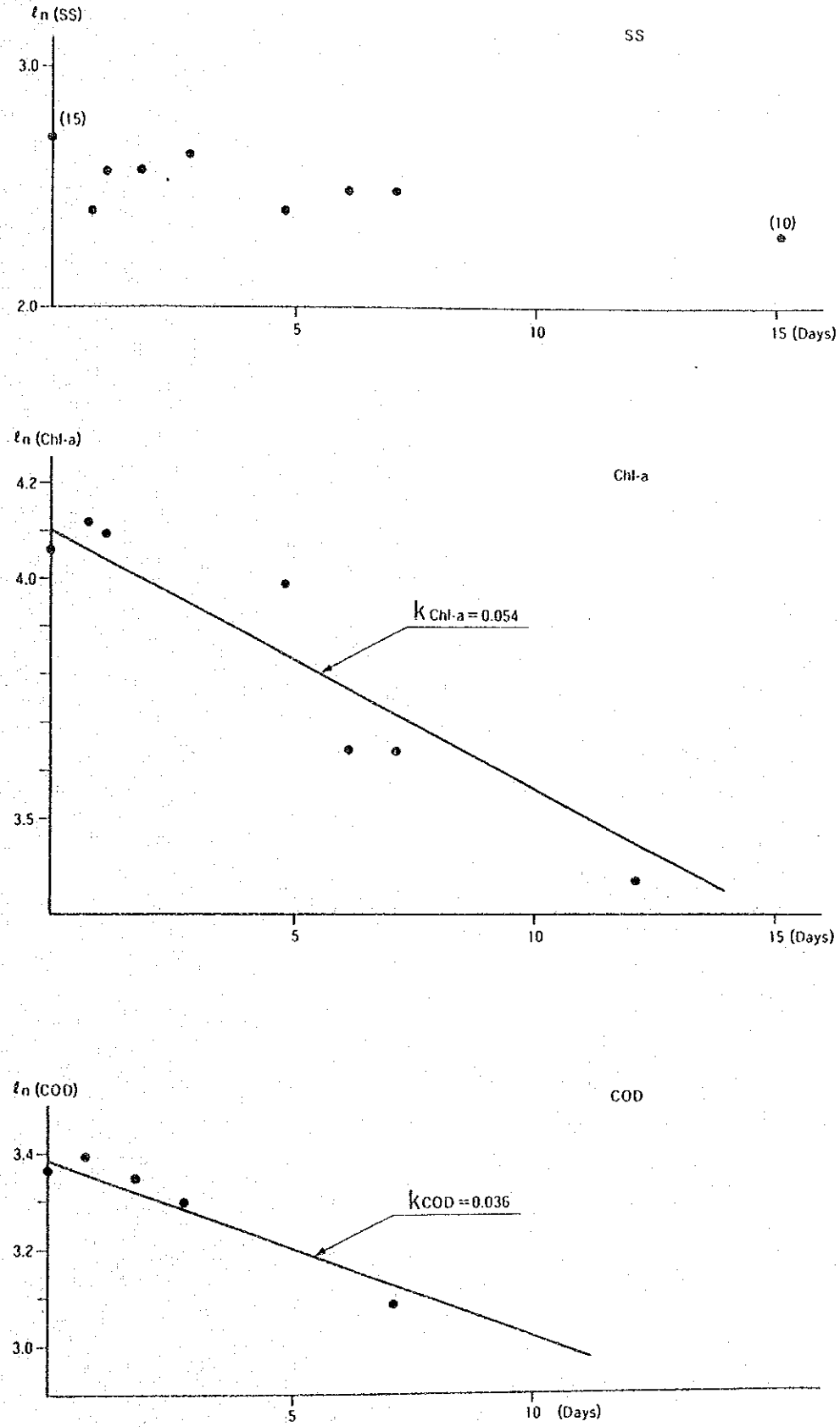
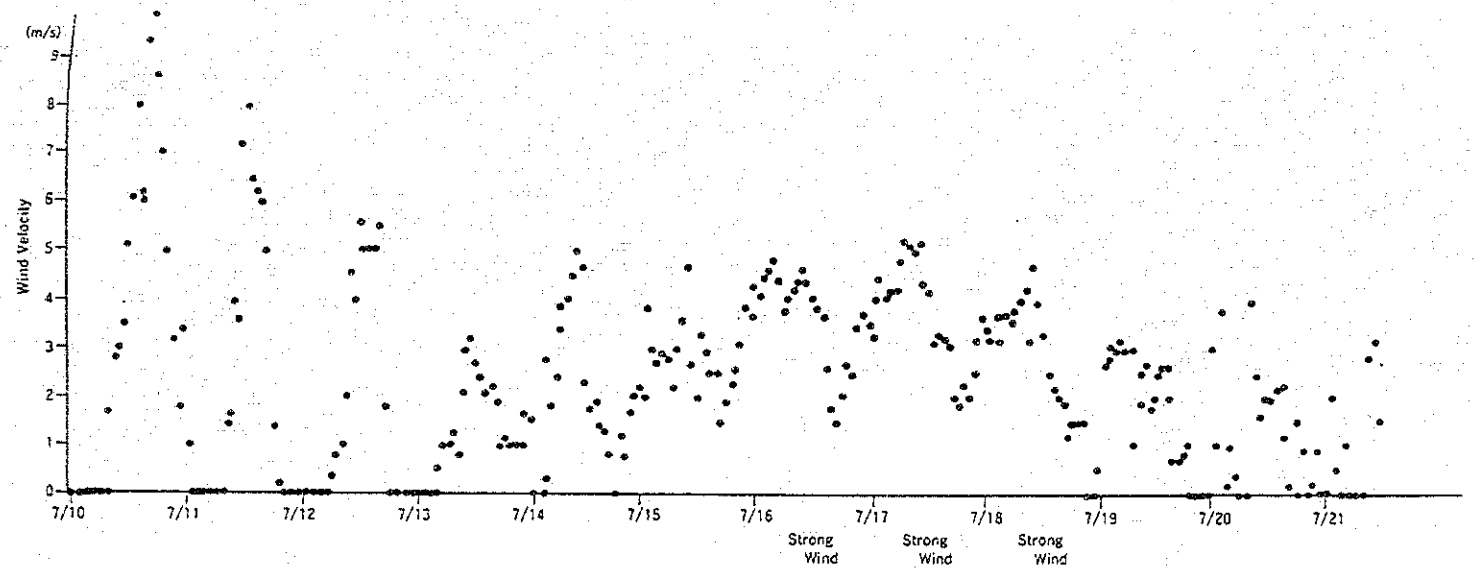
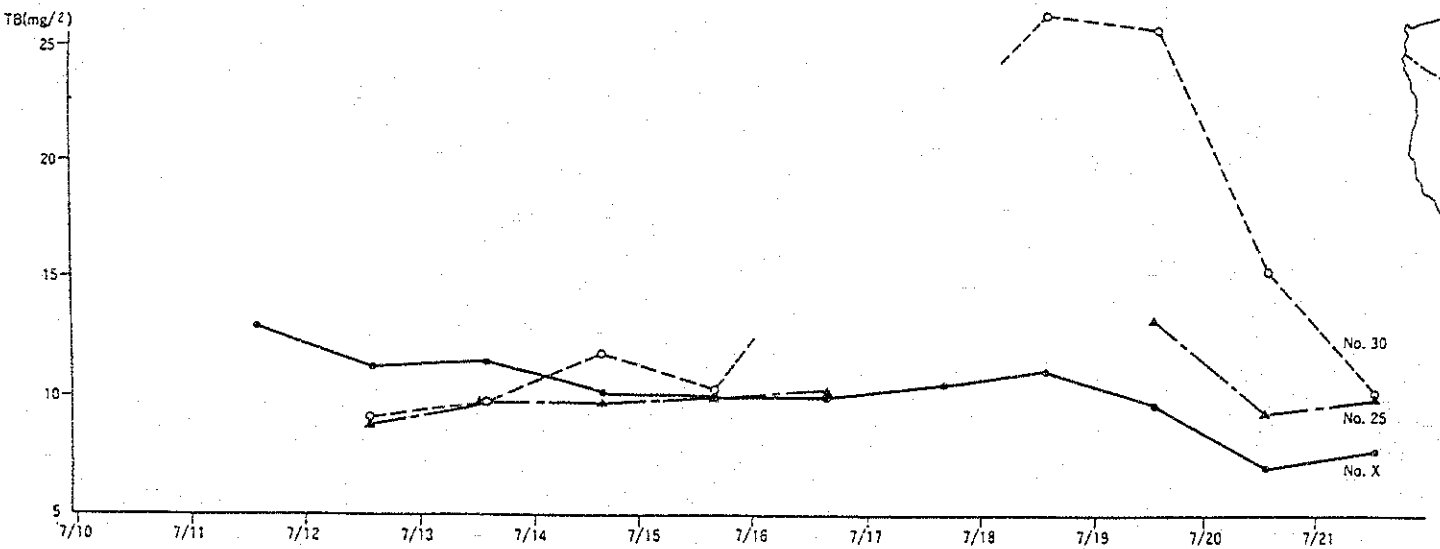


Fig. S6.6.4 Decomposition Velocity of COD, Chl-a, SS





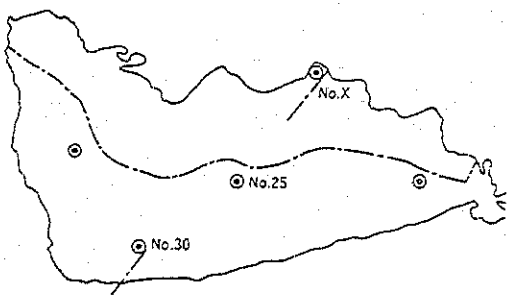


Fig. S6.6.5 Relation between Wind Velocity and Turbidity