

Figure 4-1: Model Flow Diagram for Modules 1 through 8

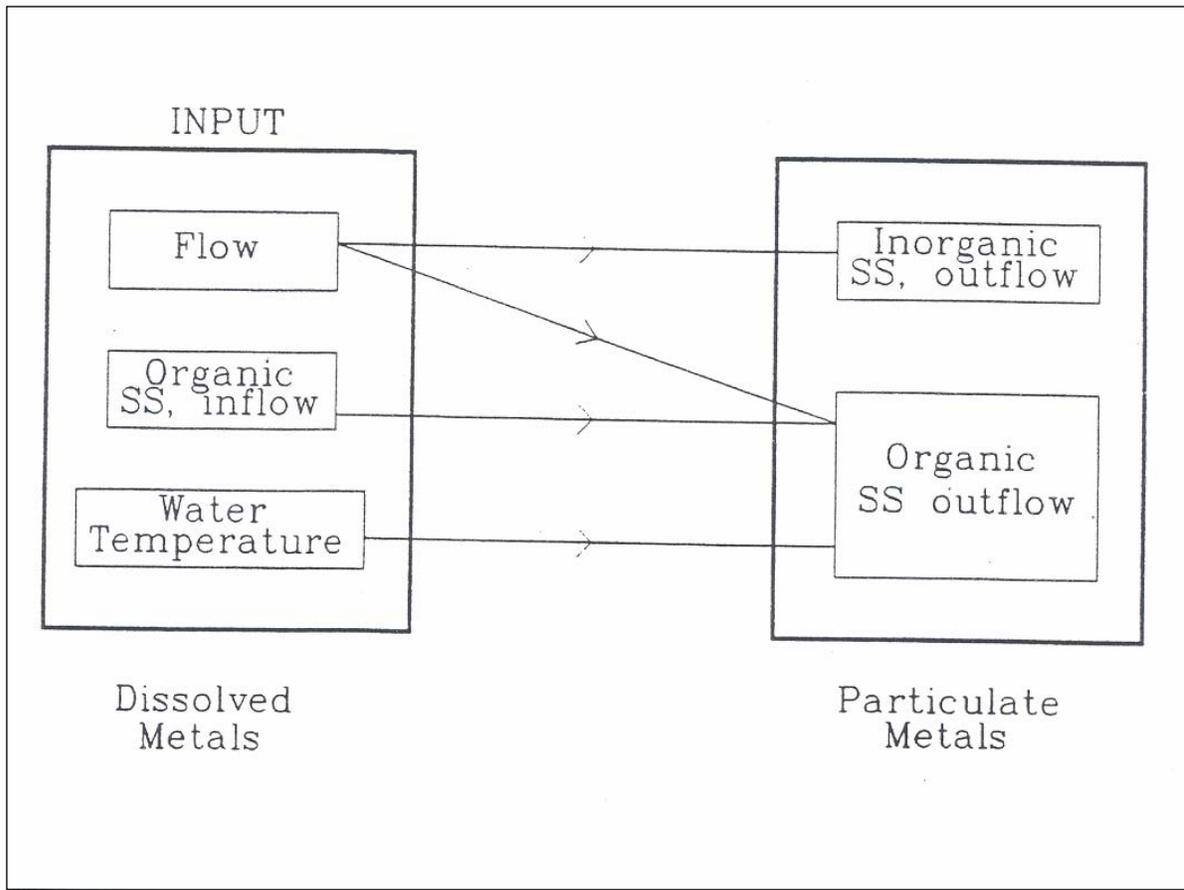


Figure 4-2: Model Flow Diagram for the Woburn West Sub-basin

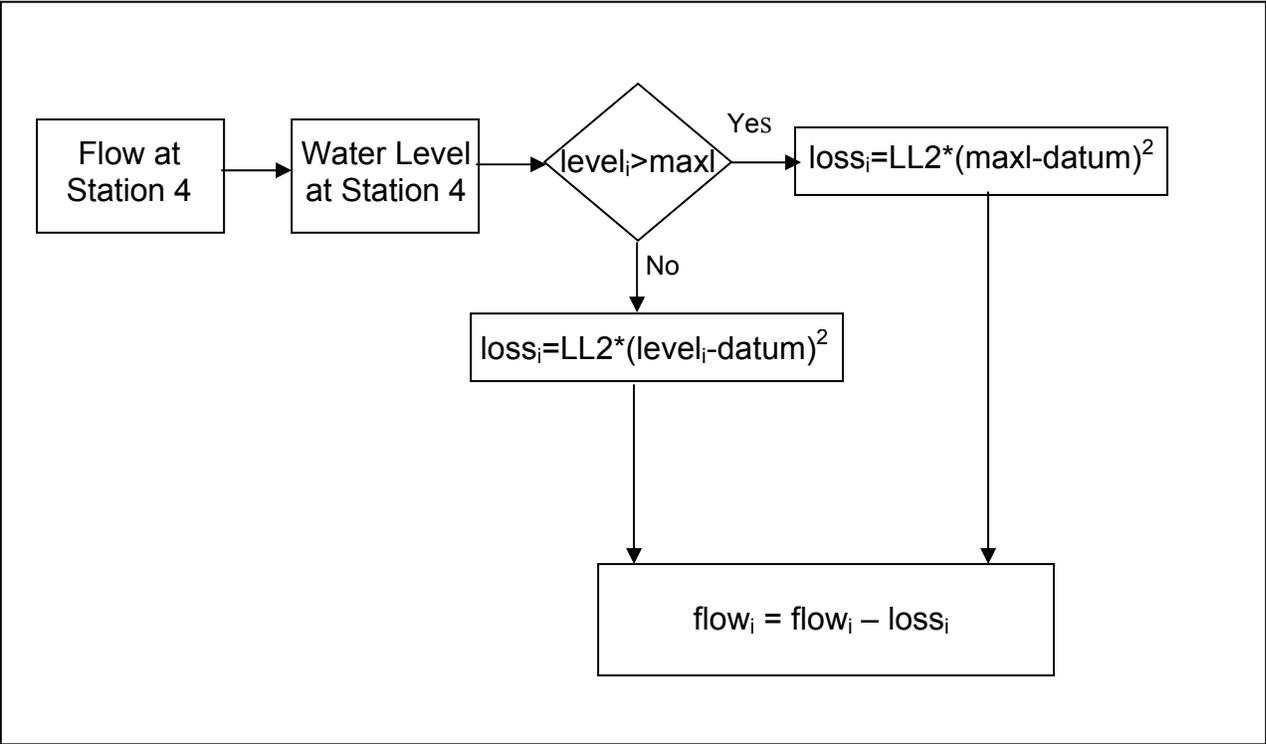


Figure 4-3: Logic Diagram for Water Withdrawals at Station #4

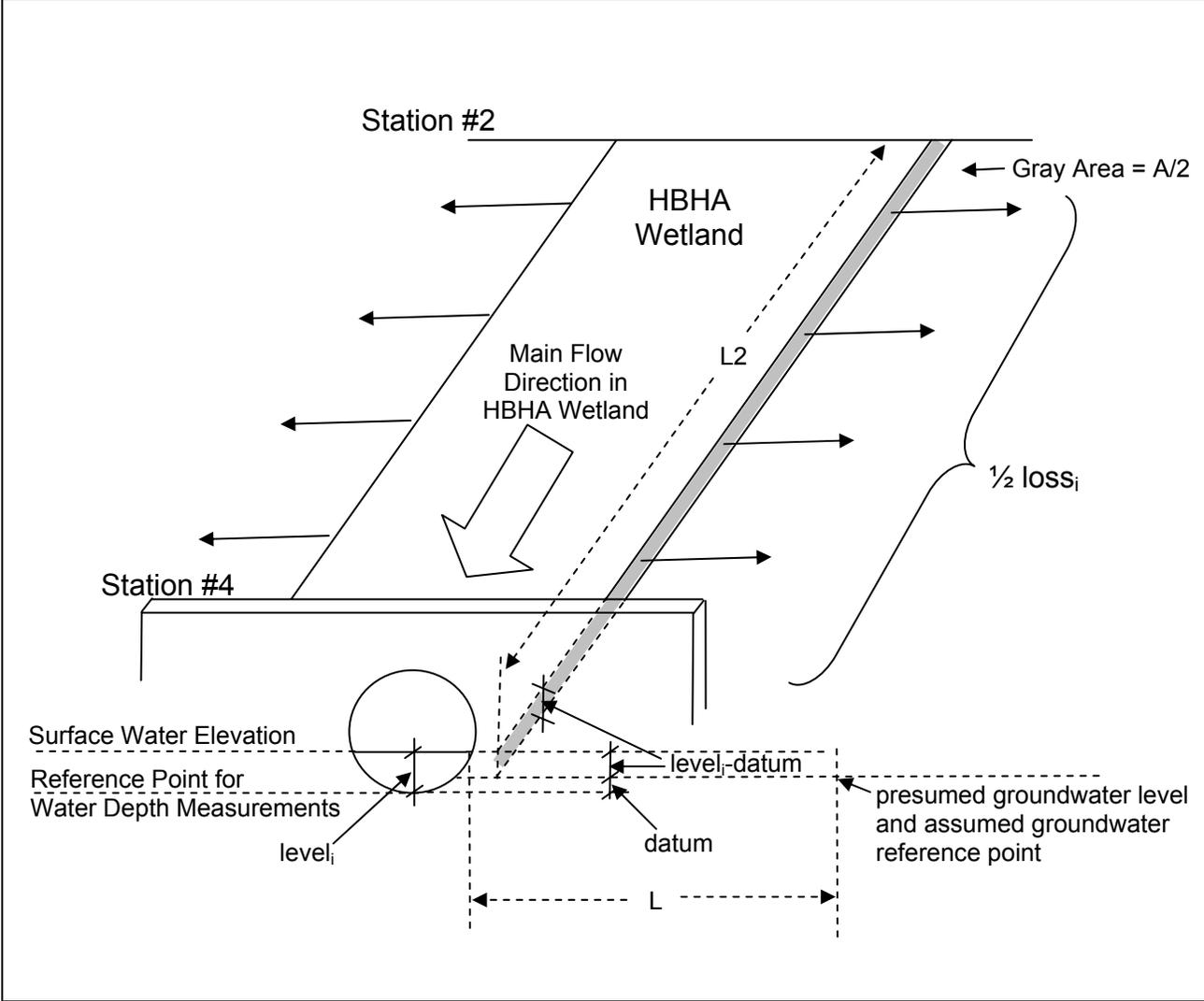


Figure 4-4: Conceptual Model for Water Loss Upstream of Station #4

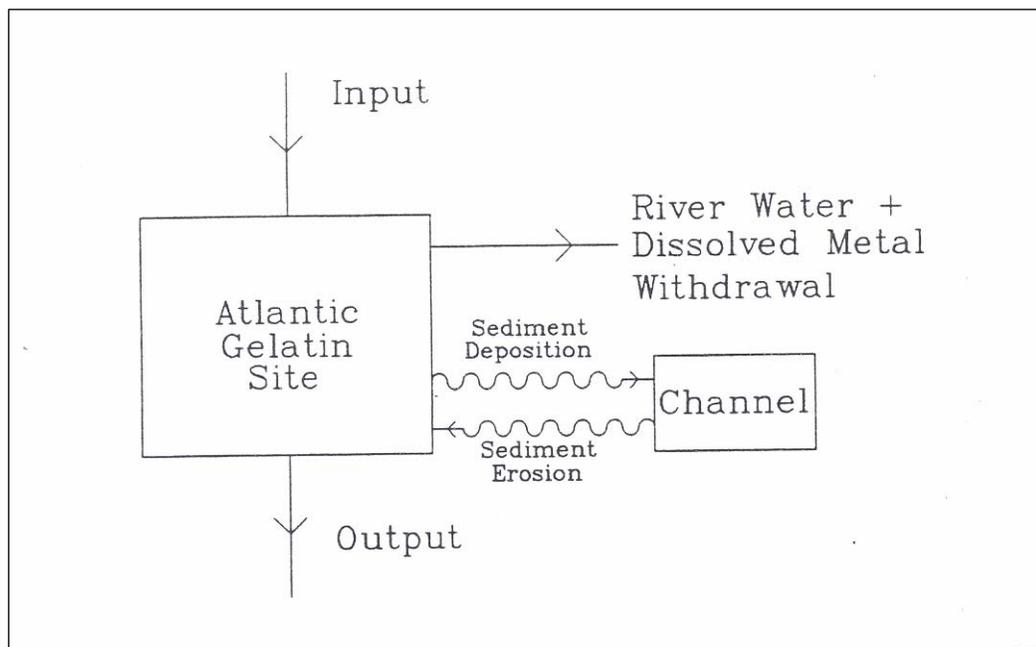


Figure 4-5: Model Flow Diagram for the Atlantic Gelatin Area

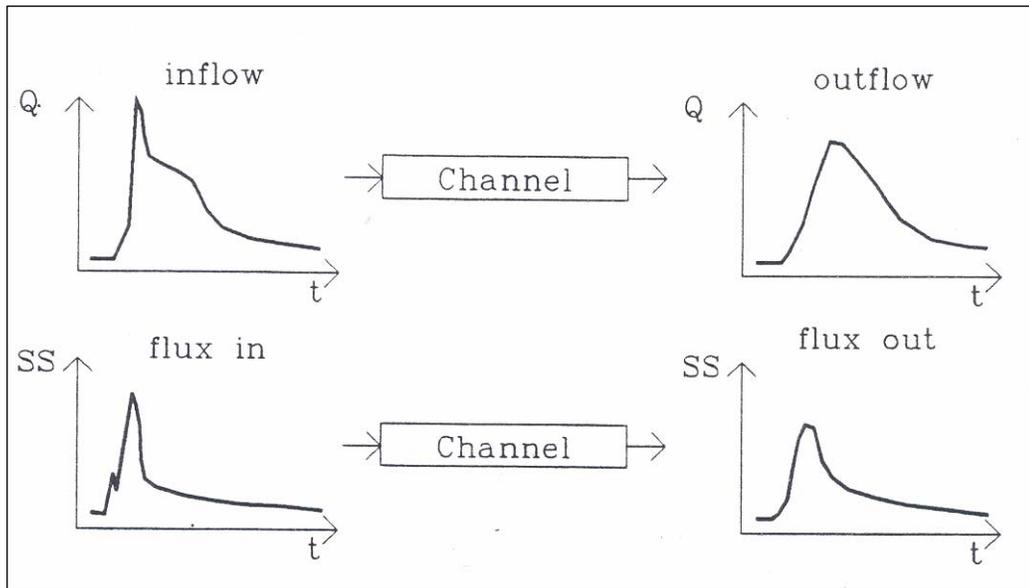


Figure 4-6: Model Schematic for Main Channels

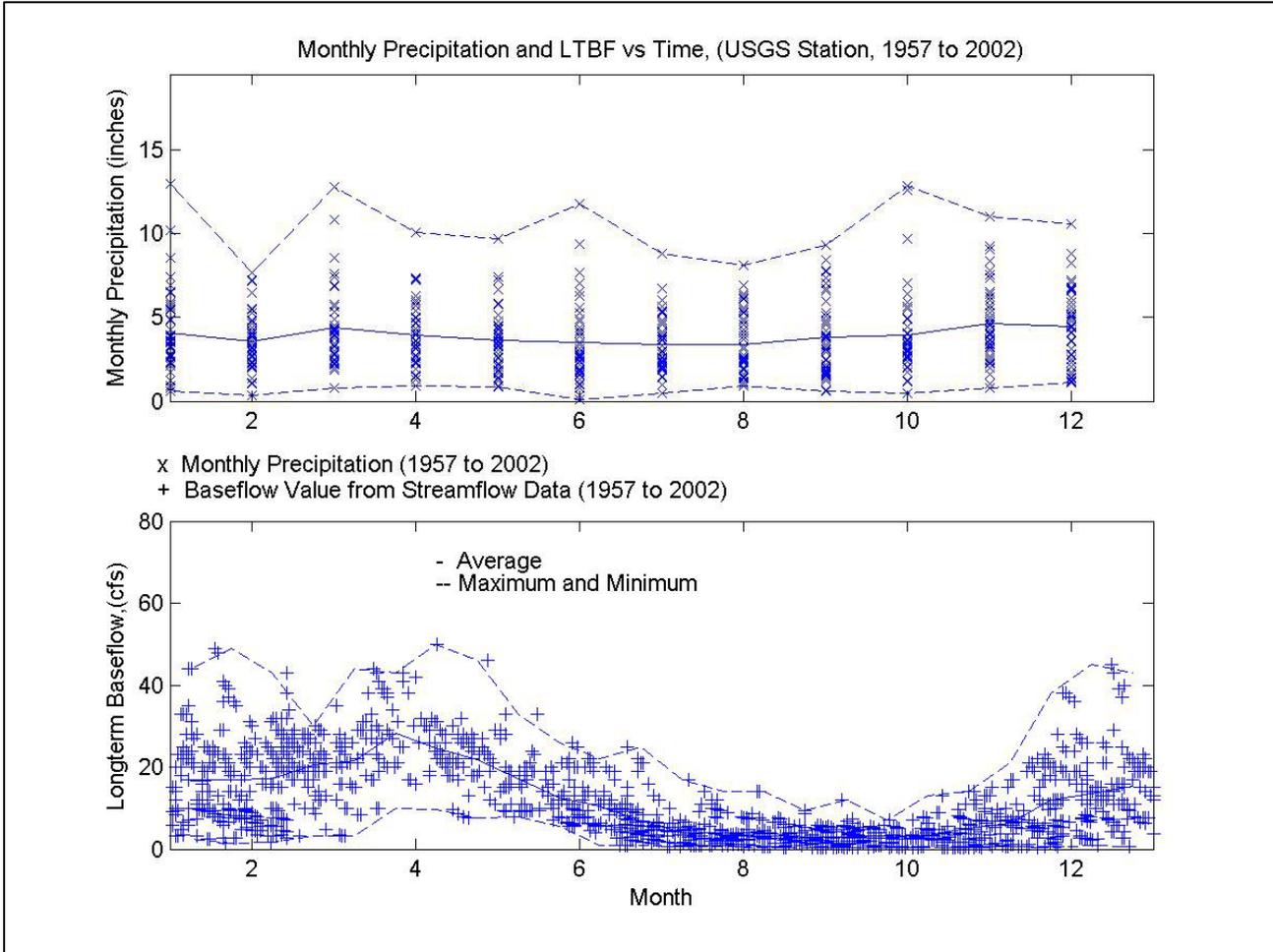


Figure 4-7: Monthly Precipitation and Bi-monthly Longterm Baseflow Versus Time (1957-2002). Numbers on horizontal axis correspond to the first day of each month.

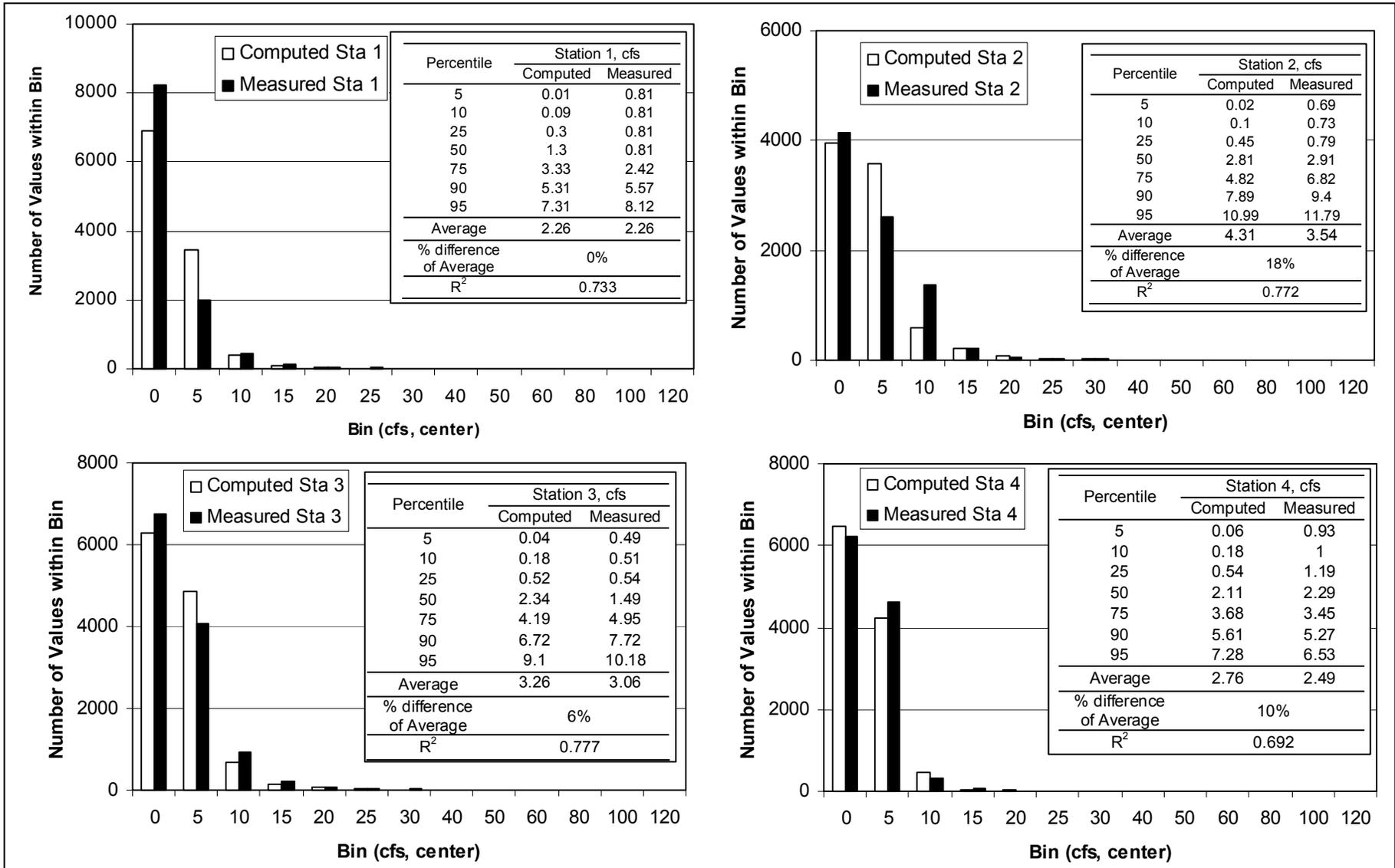


Figure 5-1: Histogram Plots and Additional Statistics Between Modeled and Measured Flows at Stations 1 through 8

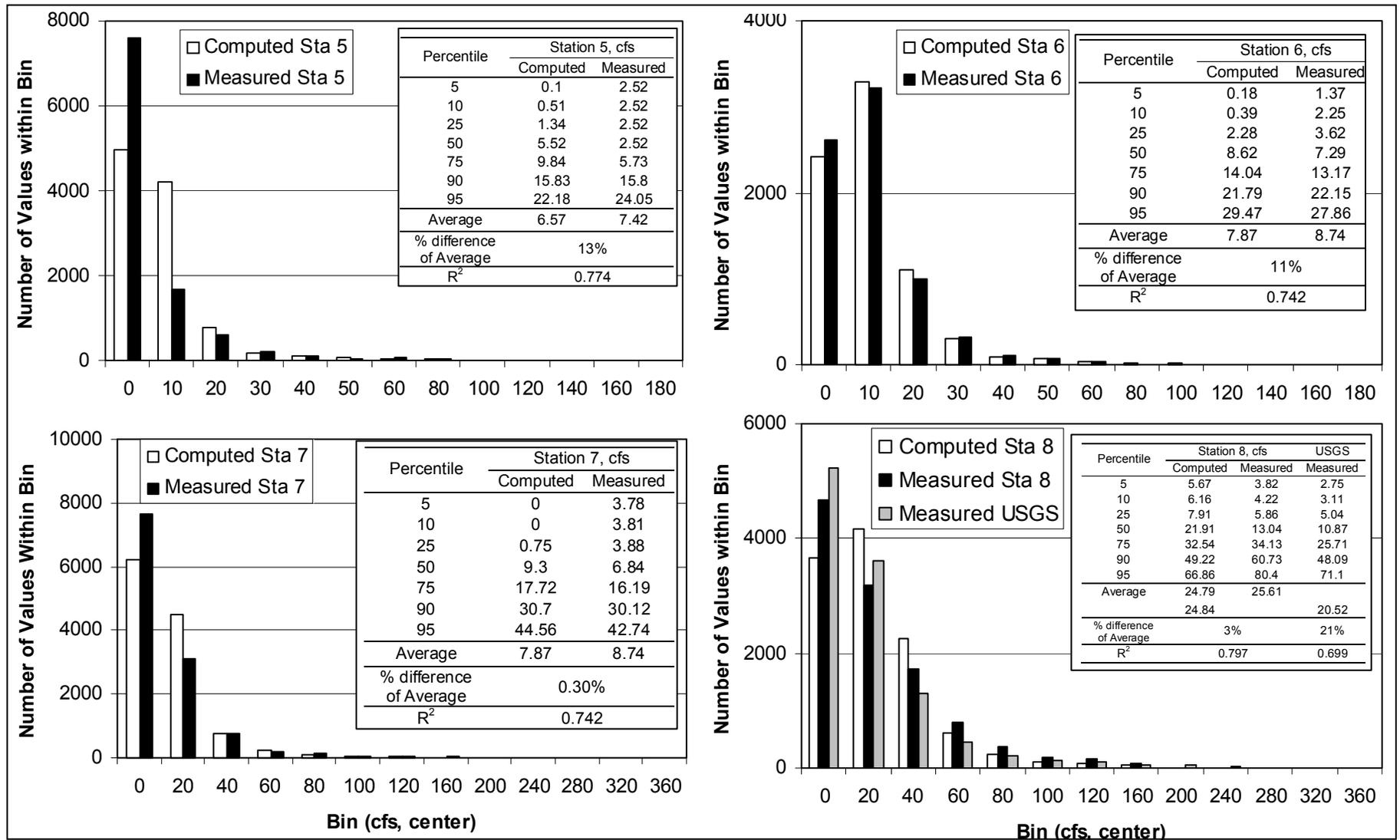


Figure 5-1(con'd): Histogram Plots and Additional Statistics Between Modeled and Measured Flows at Stations 5 through

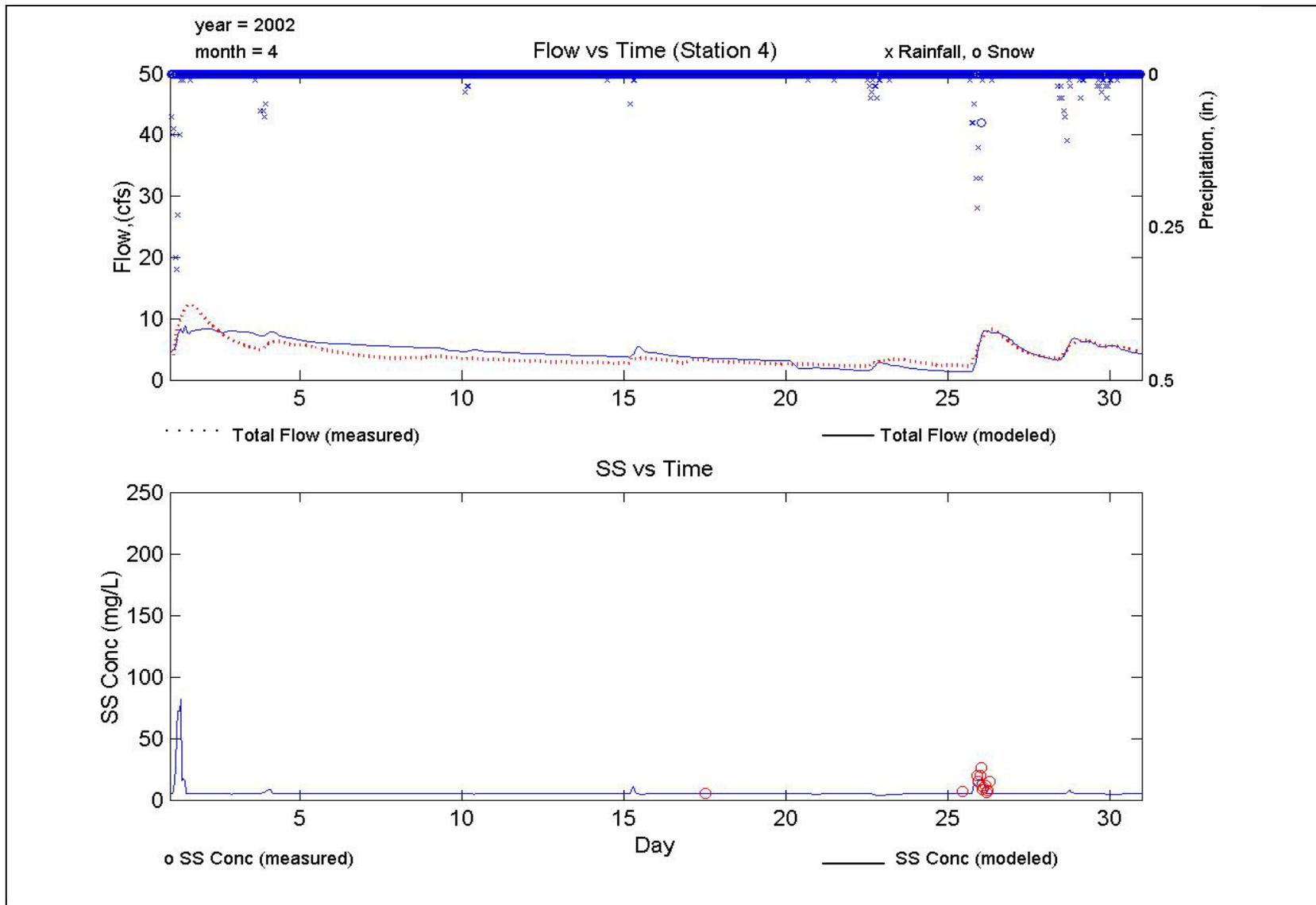


Figure 5-2: Flow and Suspended Sediments Concentration at Station 4 for April 2002

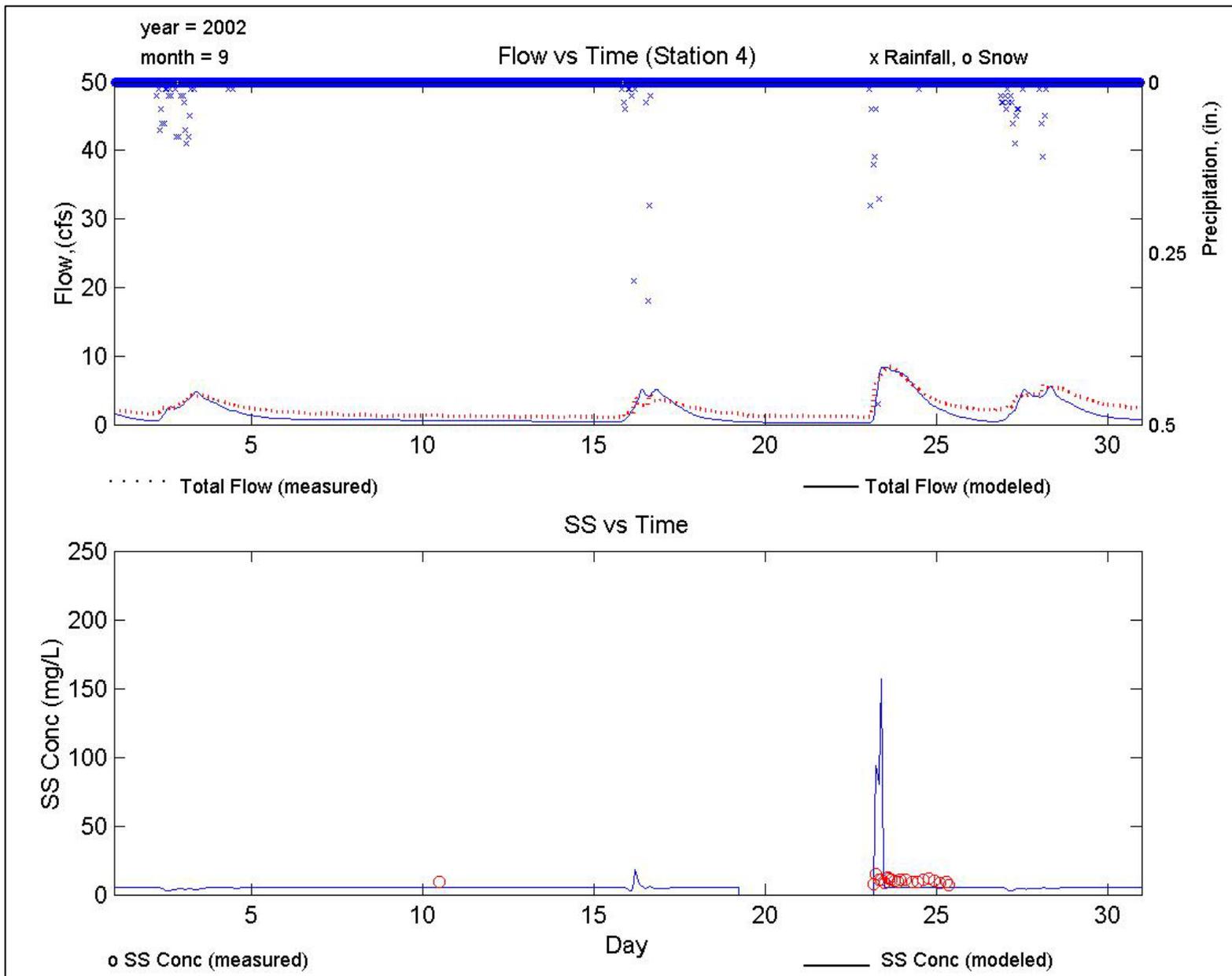


Figure 5-3: Flow and Suspended Sediments Concentration at Station 4 for September 2002

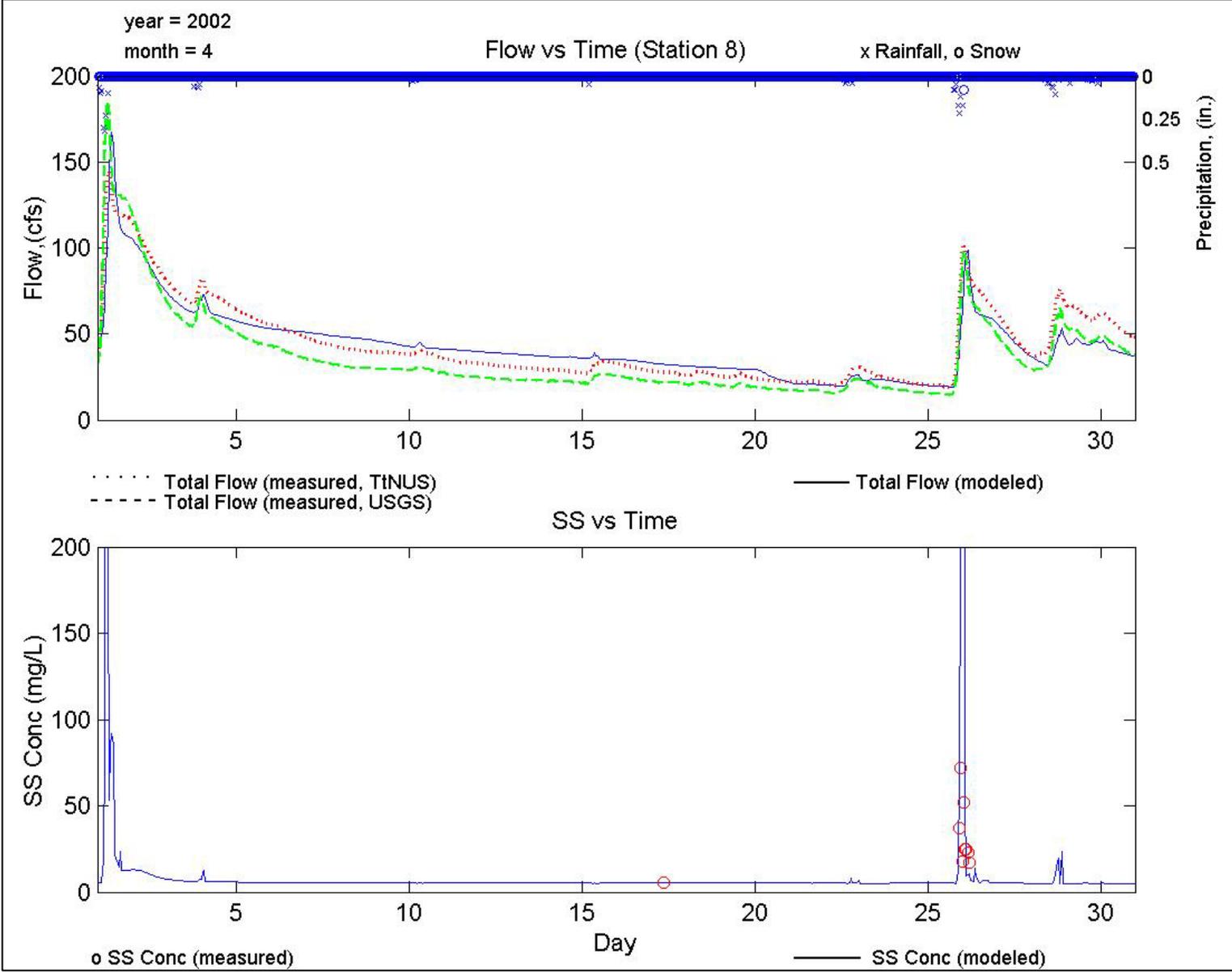


Figure 5-4: Flow and Suspended Sediments Concentration at Station 8 for April 2002

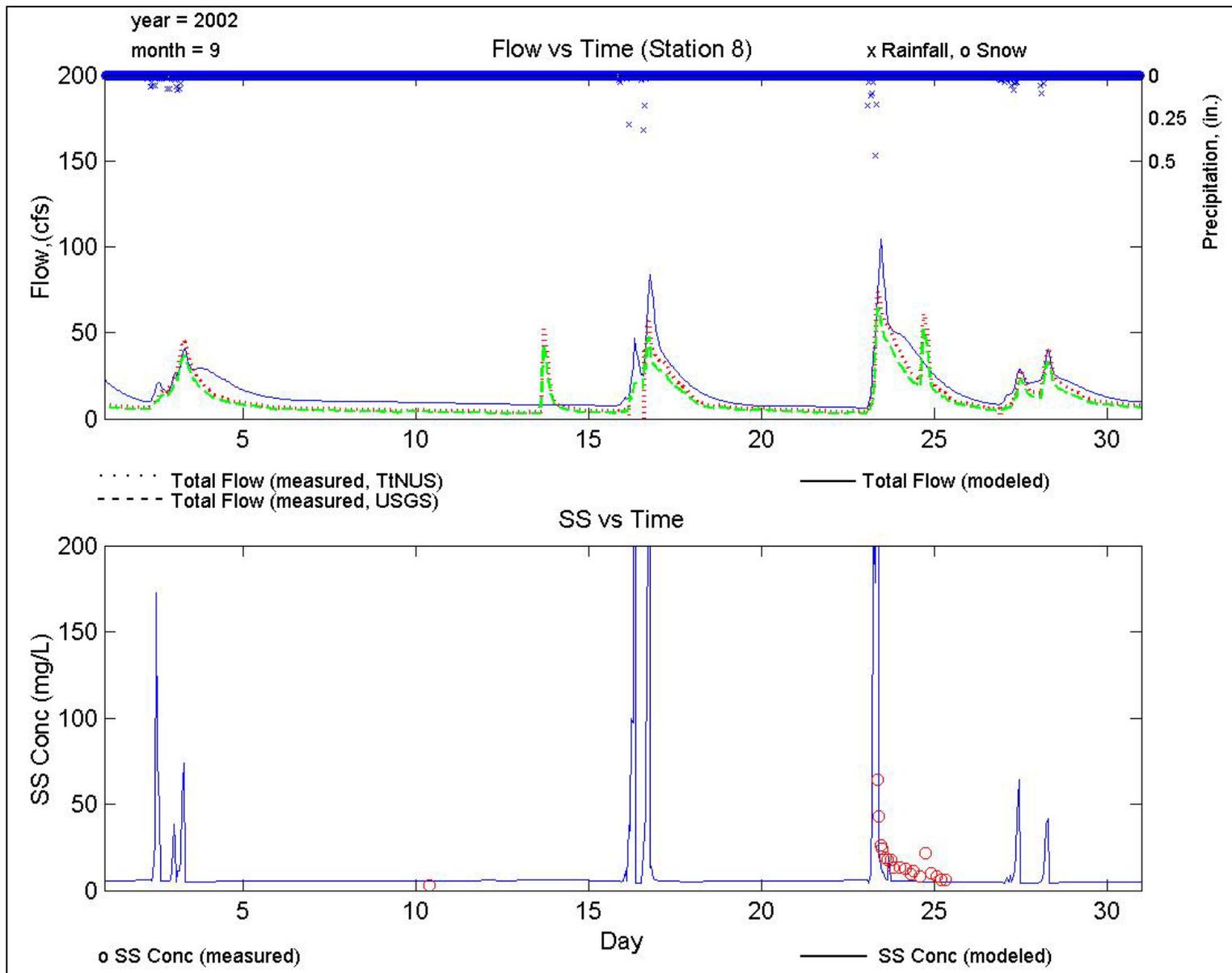


Figure 5-5: Flow and Suspended Sediments Concentration at Station 8 for September 2002

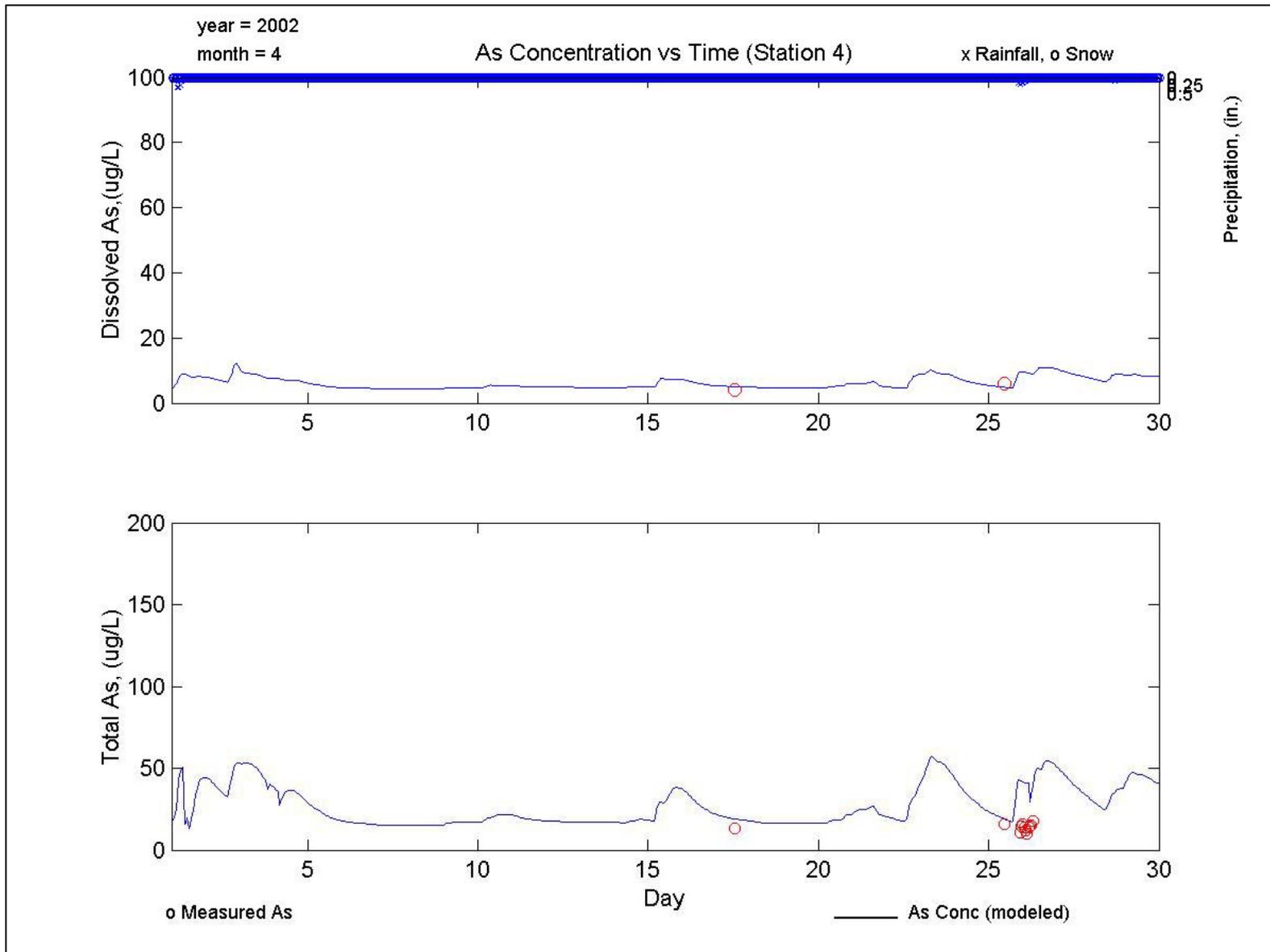


Figure 5-6: Dissolved and Total Arsenic Concentration at Station 4 for April 2002

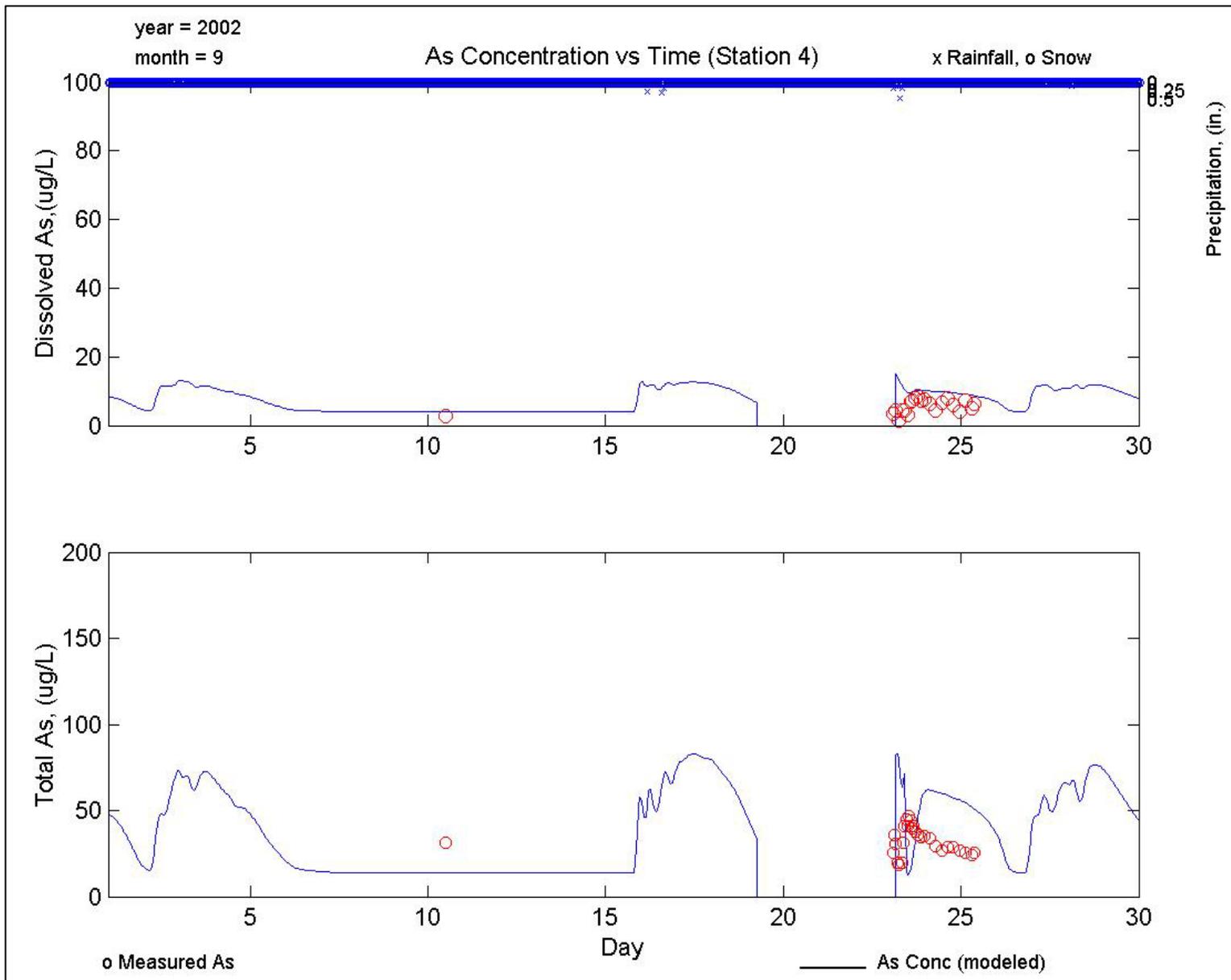


Figure 5-7: Dissolved and Total Arsenic Concentration at Station 4 for September 2002

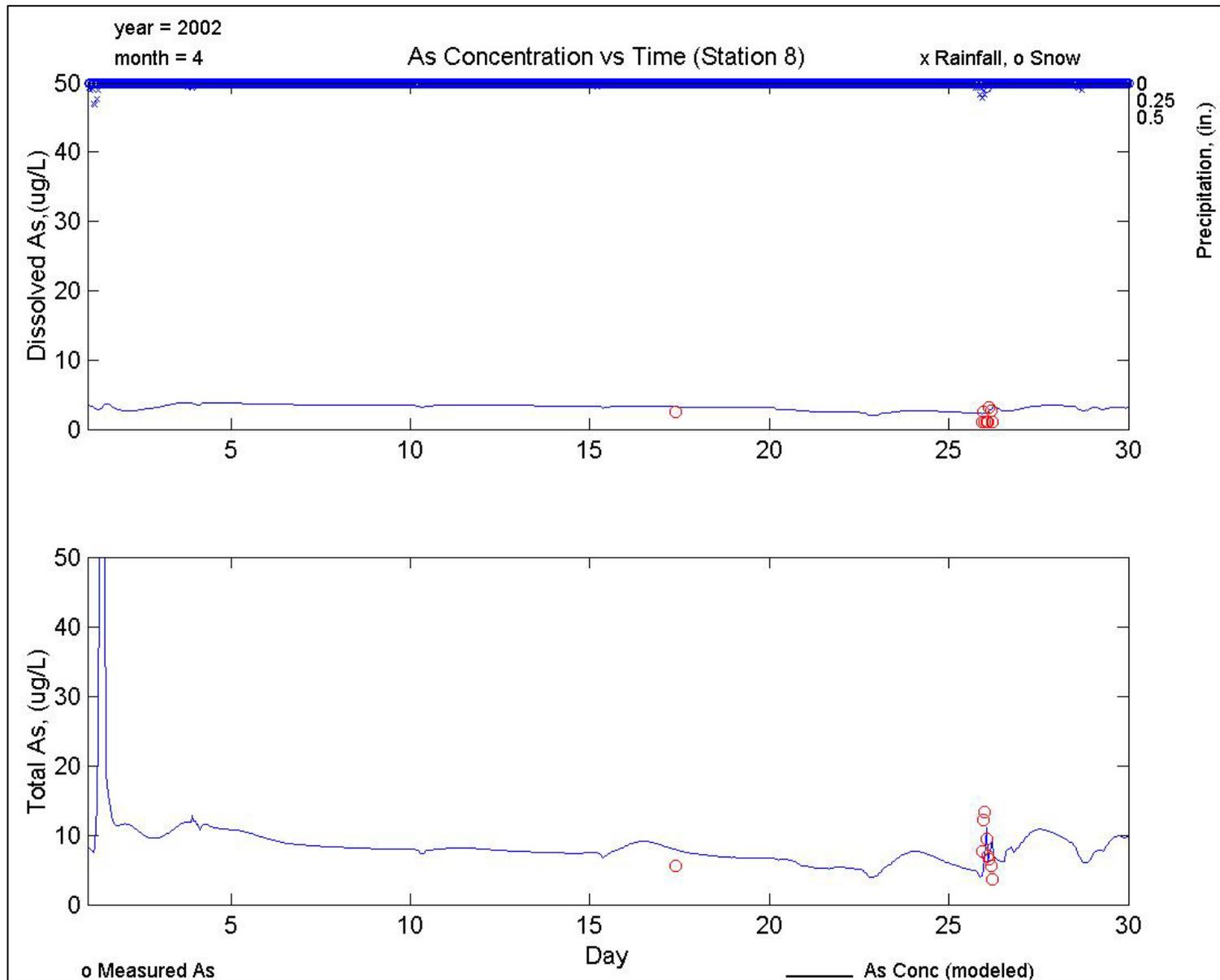


Figure 5-8: Dissolved and Total Arsenic Concentration at Station 8 for April 2002

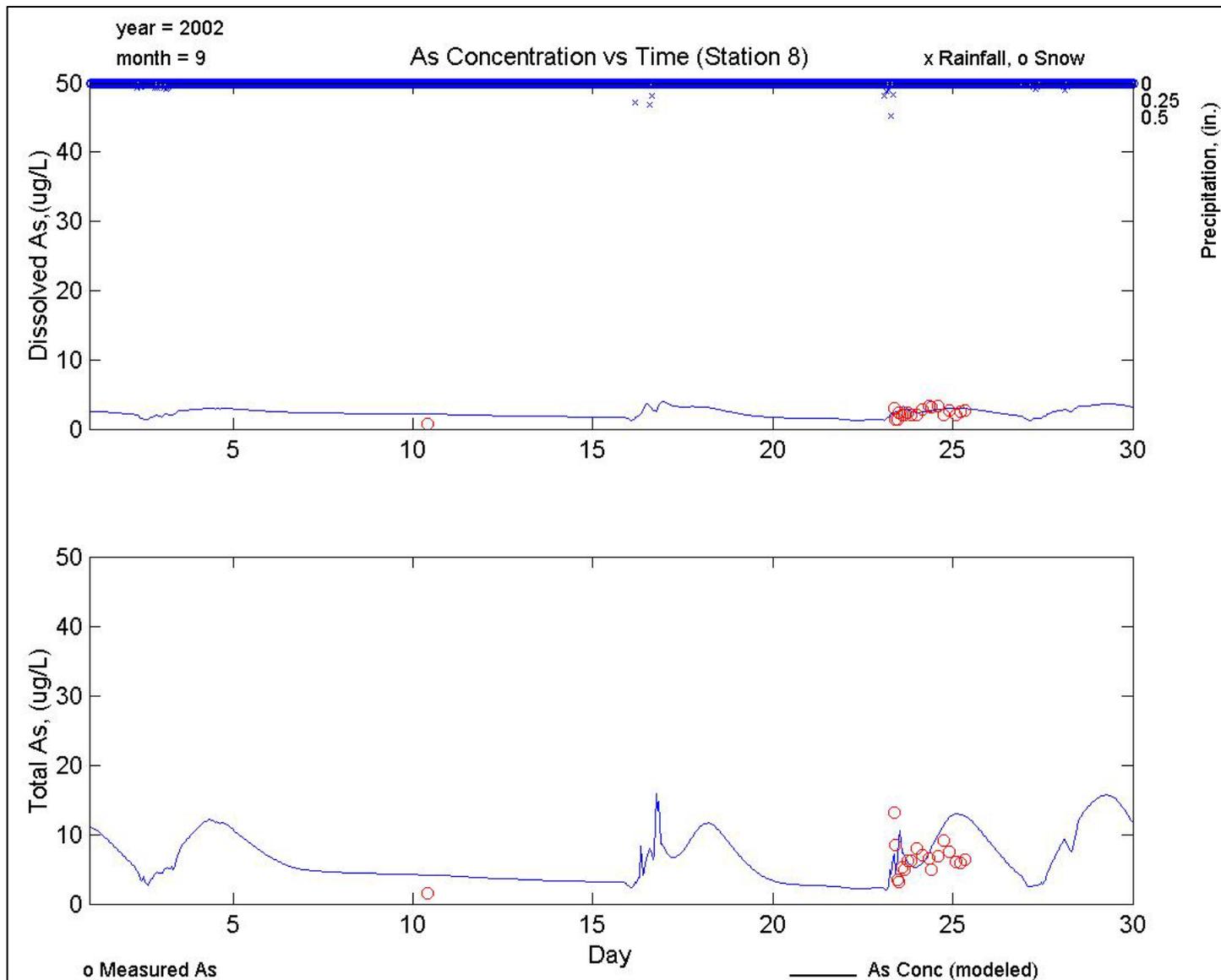


Figure 5-9: Dissolved and Total Arsenic Concentration at Station 8 for September 2002

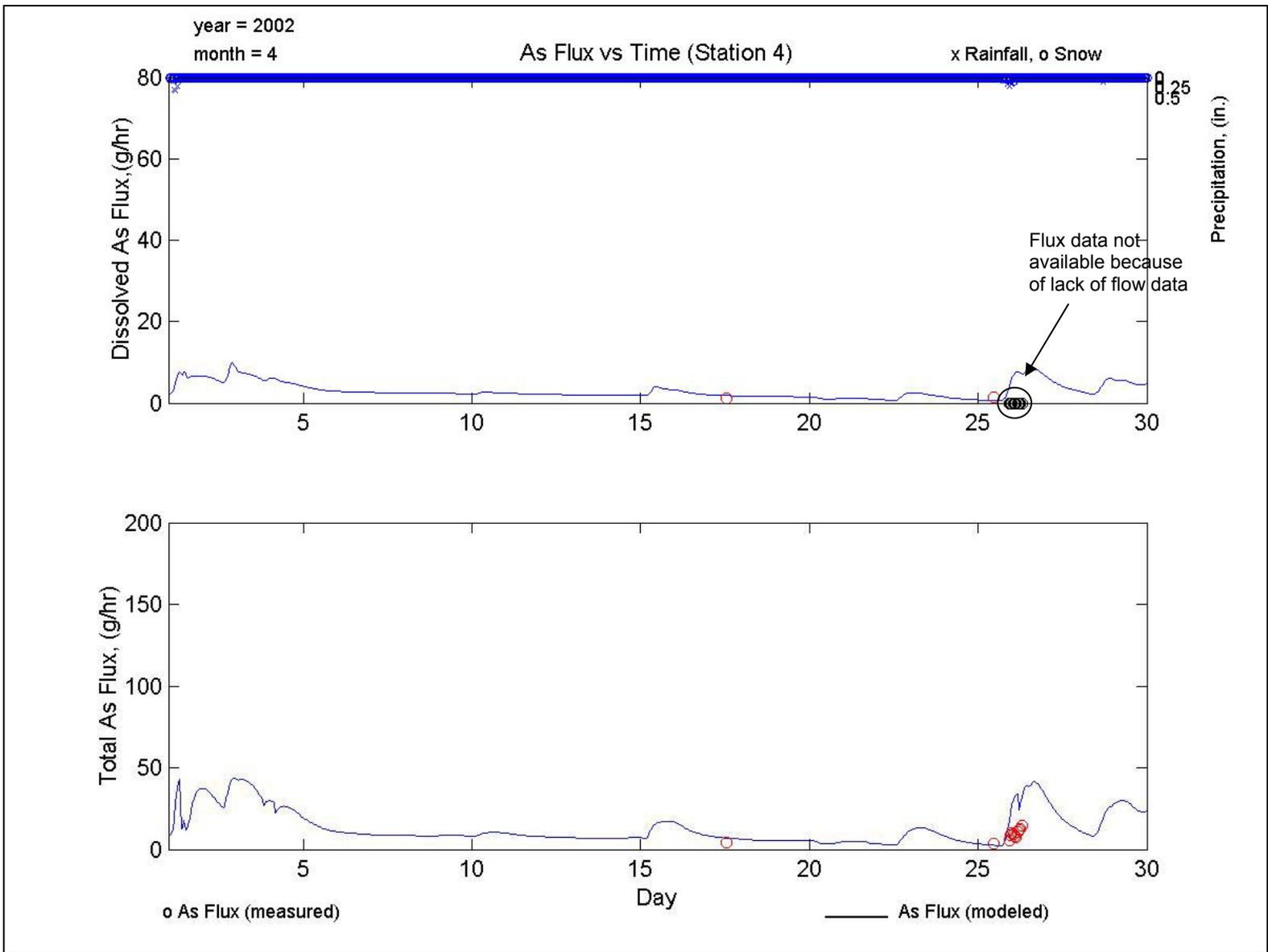


Figure 5-10: Dissolved and Total Arsenic Flux at Station 4 for April 2002

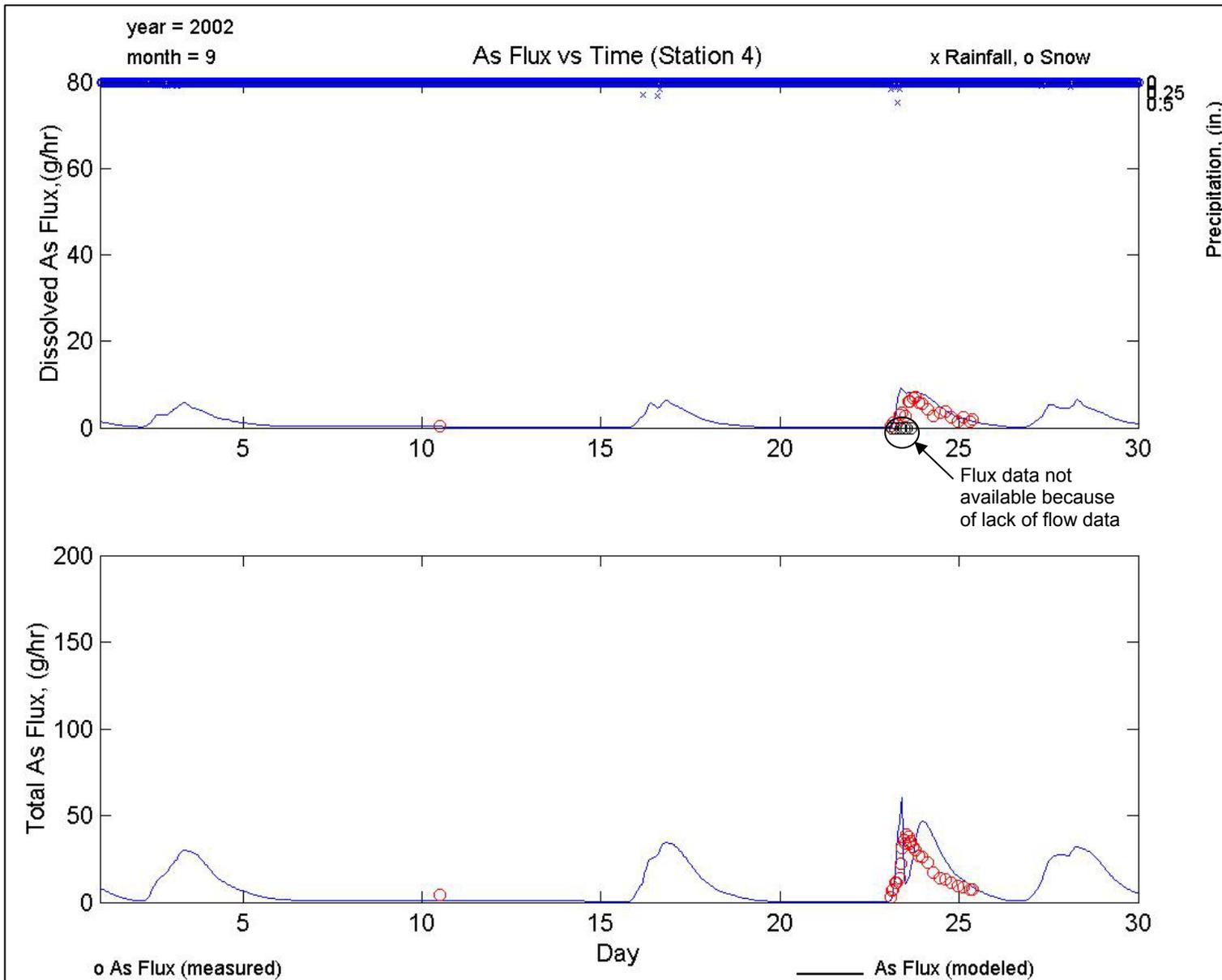


Figure 5-11: Dissolved and Total Arsenic Flux at Station 4 for September 2002

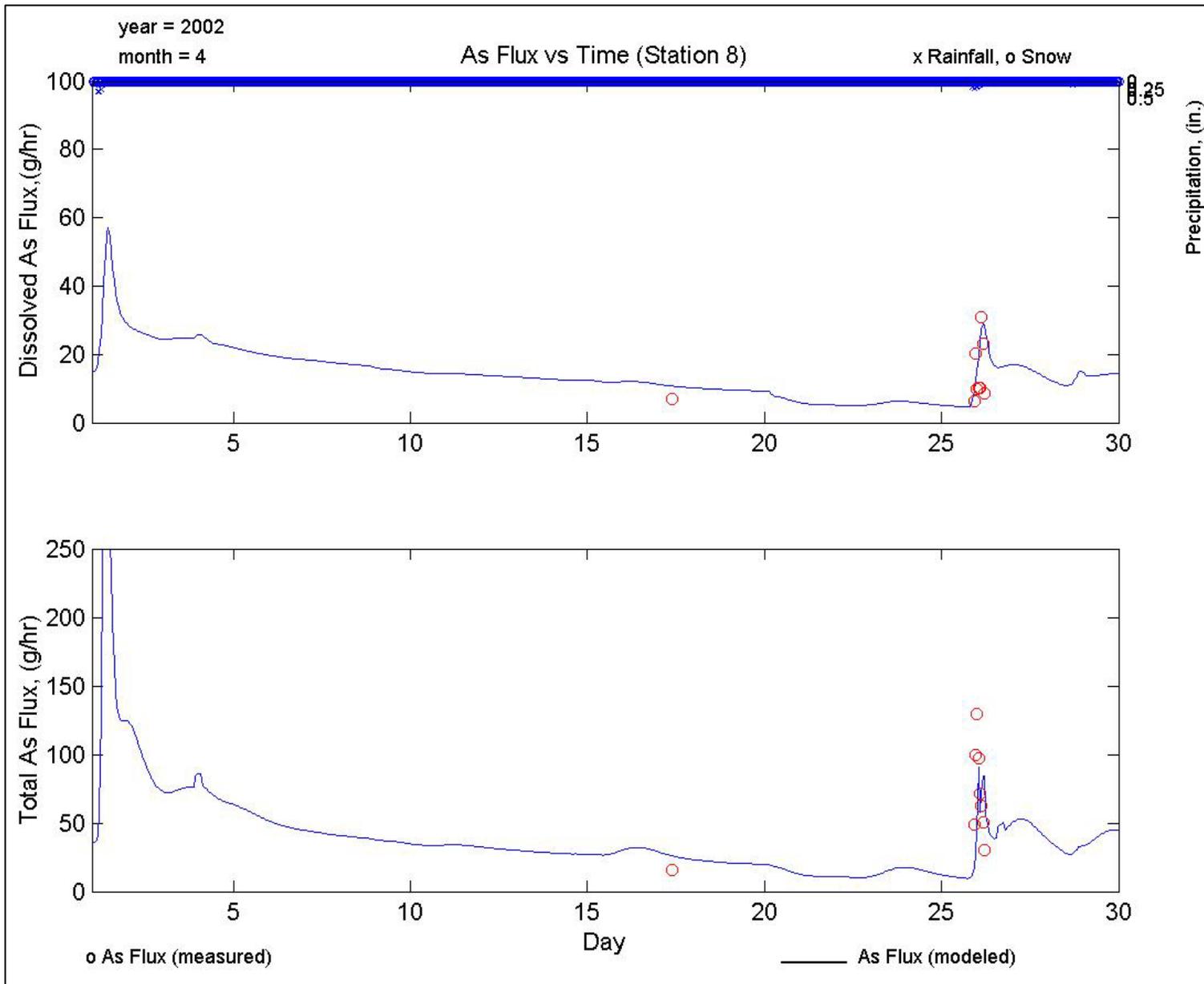


Figure 5-12: Dissolved and Total Arsenic Flux at Station 8 for April 2002

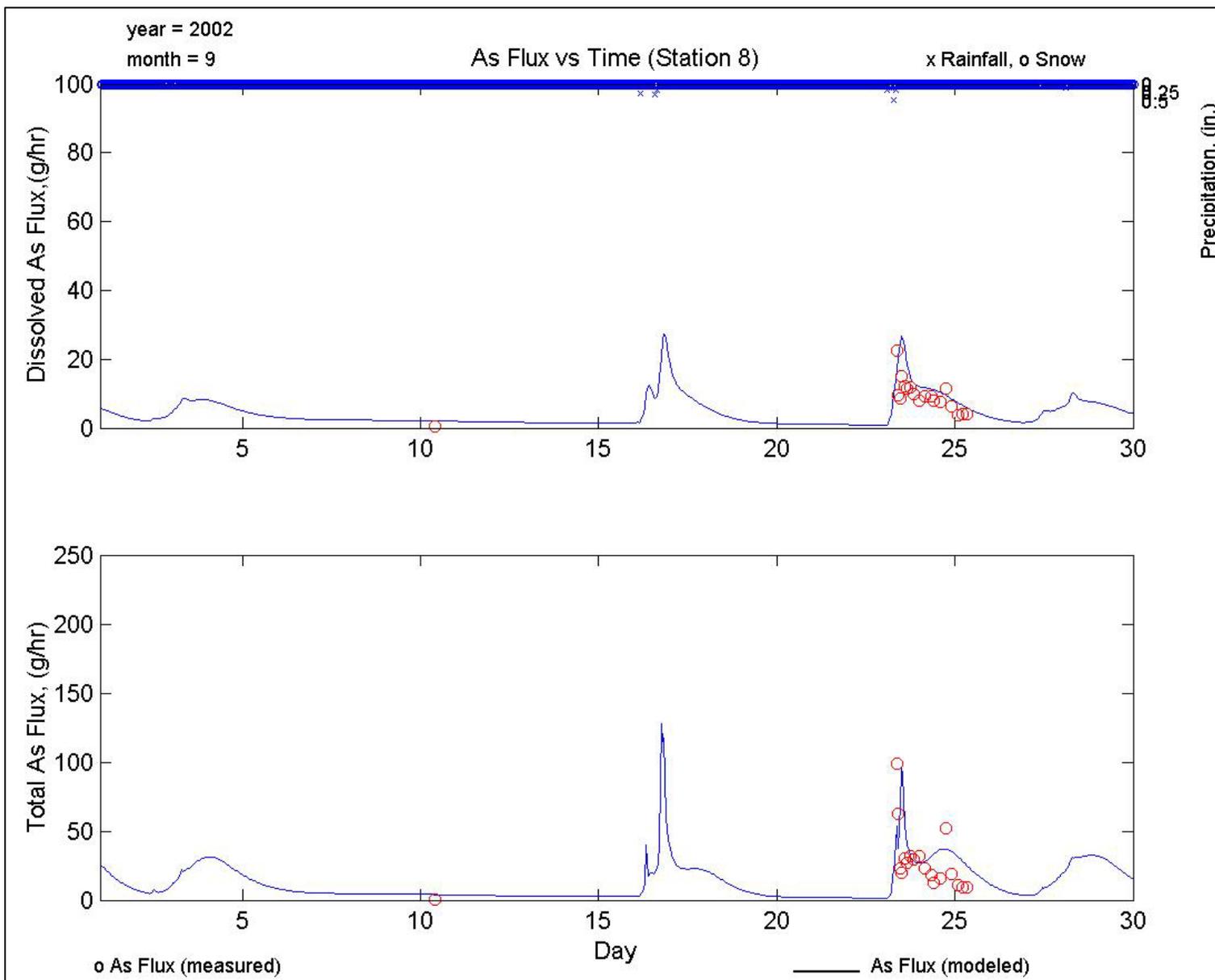


Figure 5-13: Dissolved and Total Arsenic Flux at Station 8 for September 2002

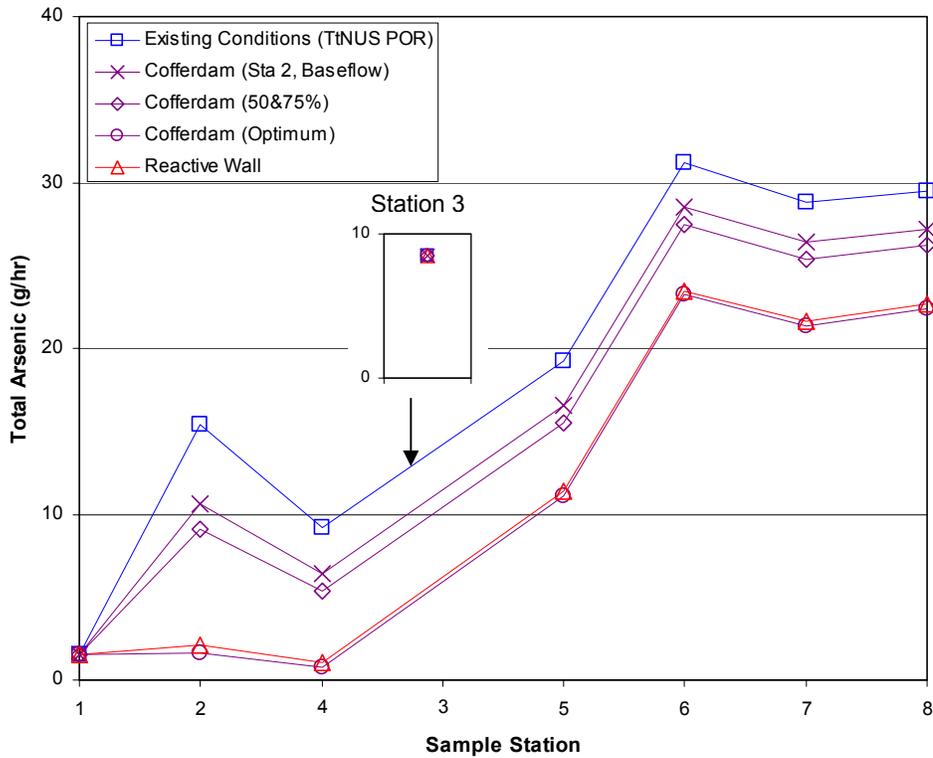


Figure 7-1: Preliminary Scenario Evaluation. Arsenic Flux Versus Station for Stations 1 through 8 for entire TtNUS Period of Record

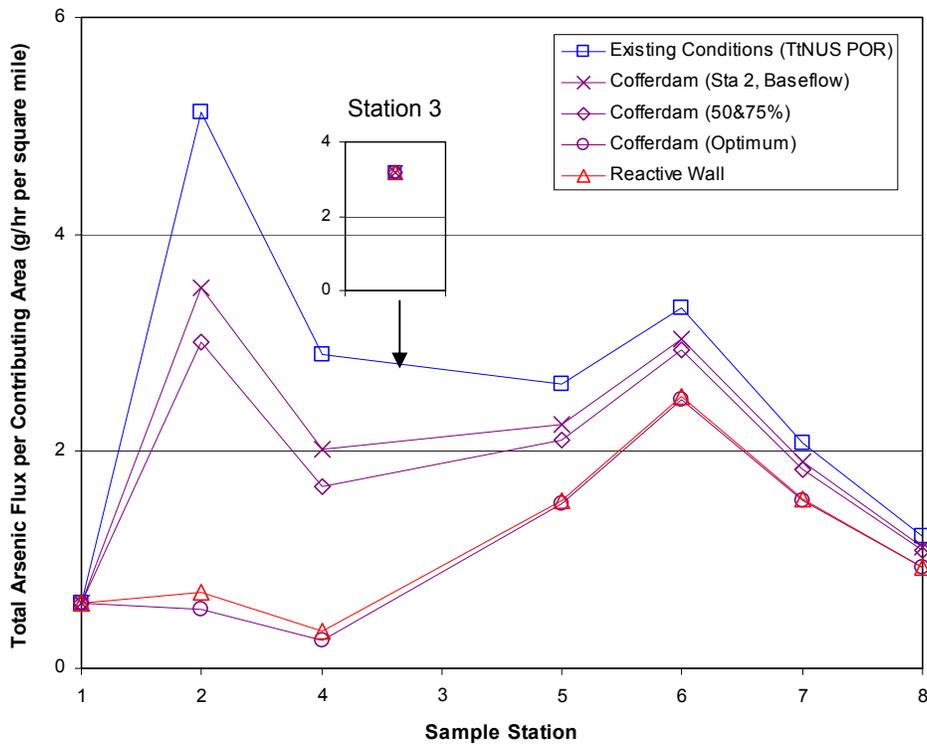


Figure 7-2: Preliminary Scenario Evaluation. Arsenic Flux Normalized by Contributing Area Versus Station for Stations 1 through 8 for entire TtNUS Period of Record

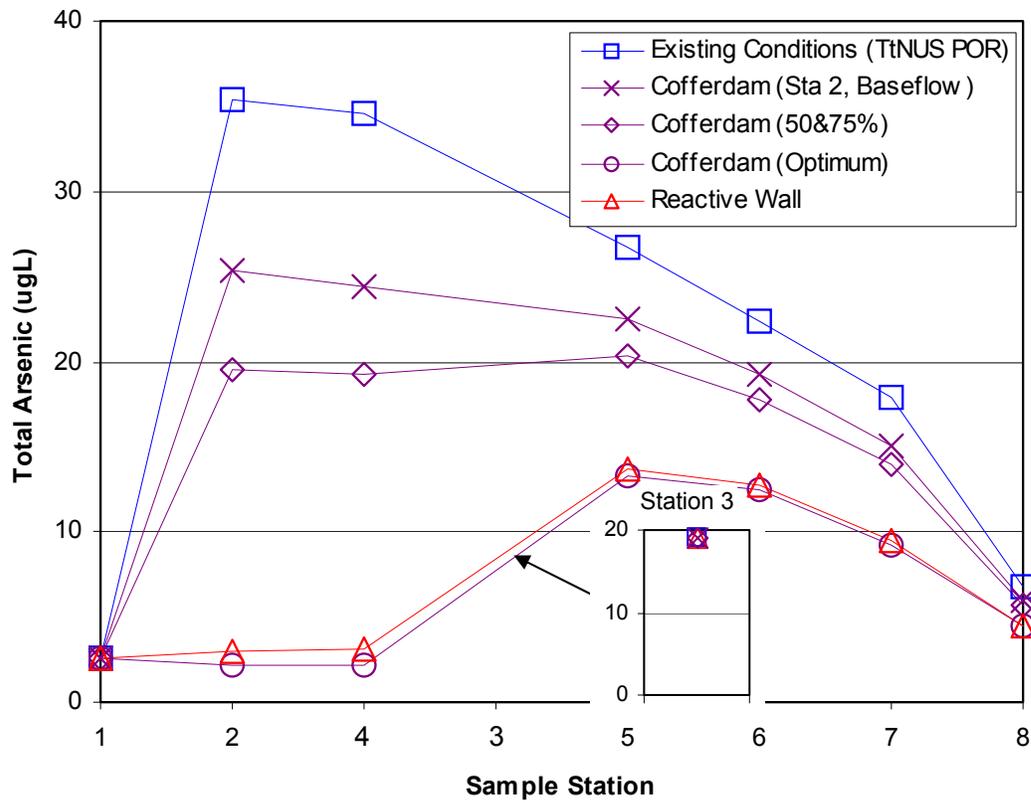


Figure 7-3: Preliminary Scenario Evaluation. Arsenic Concentrations Versus Station for Stations 1 through 8 for entire TtNUS Period of Record

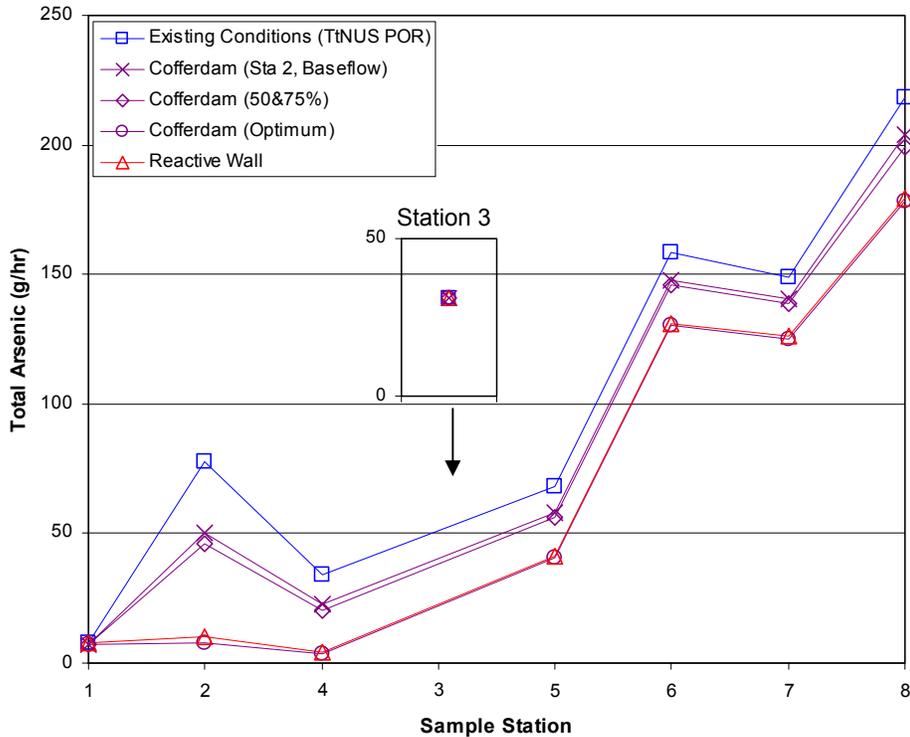


Figure 7-4: Preliminary Scenario Evaluation. Arsenic Flux Versus Station for Stations 1 through 8 for May 2002 Storm

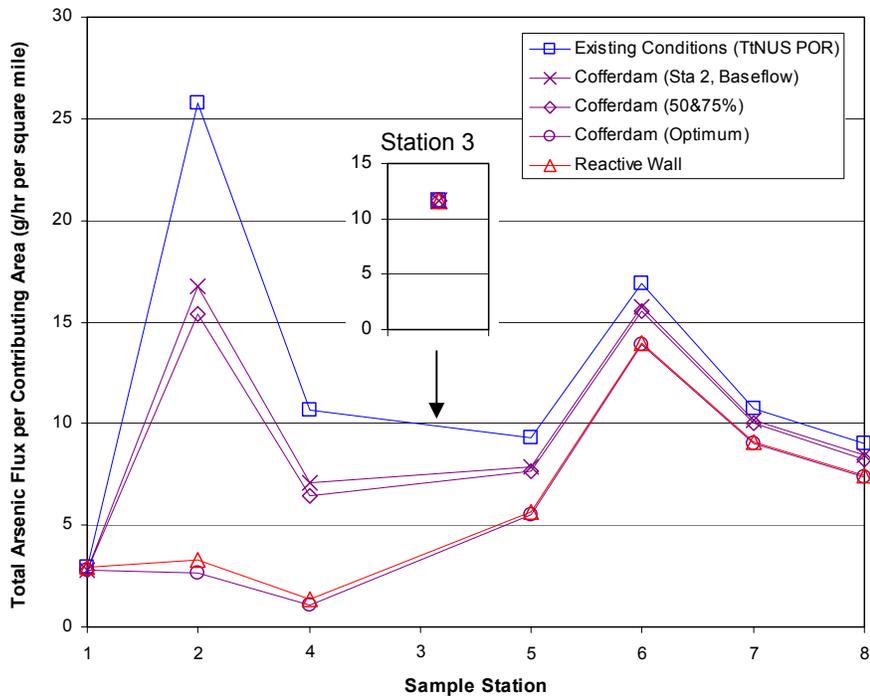


Figure 7-5: Preliminary Scenario Evaluation. Arsenic Flux Normalized by Contributing Area Versus Station for Stations 1 through 8 for May 2002 Storm

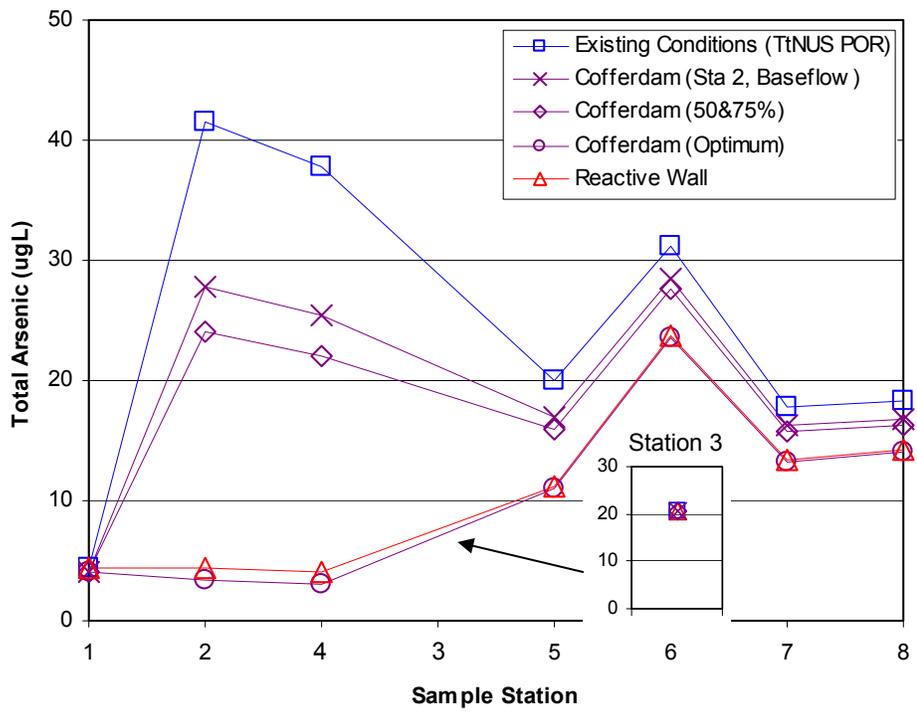


Figure 7-6: Preliminary Scenario Evaluation. Arsenic Concentrations Versus Station for Stations 1 through 8 for May 2002 Storm