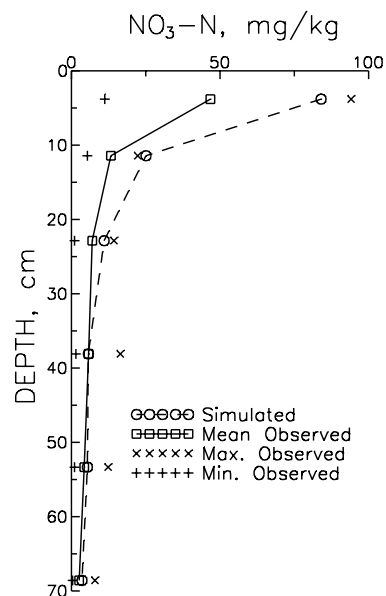
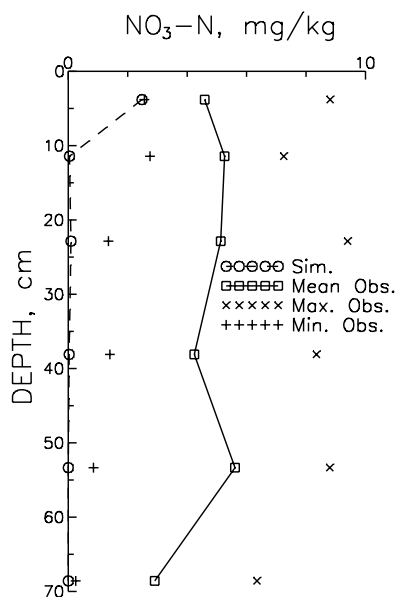


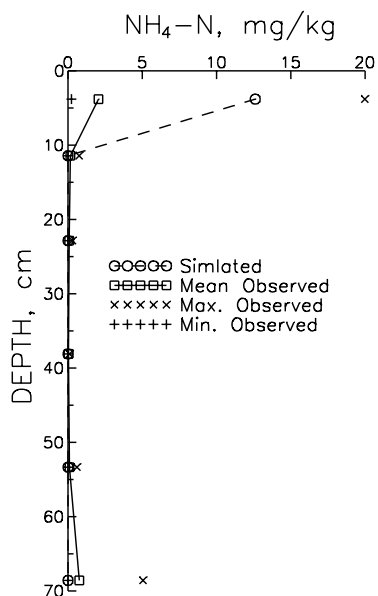
**Fig. 34** Simulated and observed  $\text{NO}_3\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, May 24, 1977.



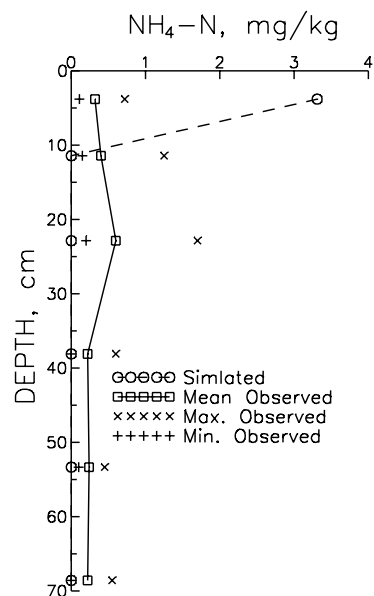
**Fig. 35** Simulated and observed  $\text{NO}_3\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, July 15, 1977.



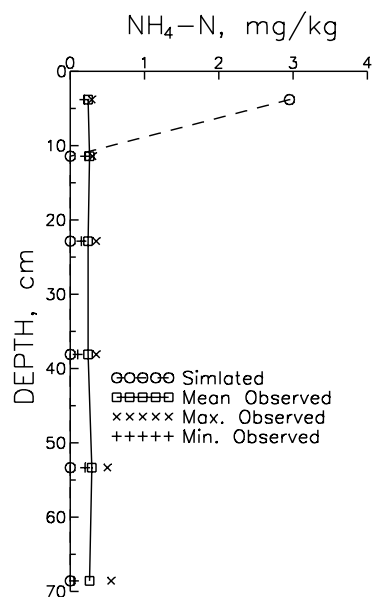
**Fig. 36.** Simulated and observed  $\text{NO}_3\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, November 3, 1977.



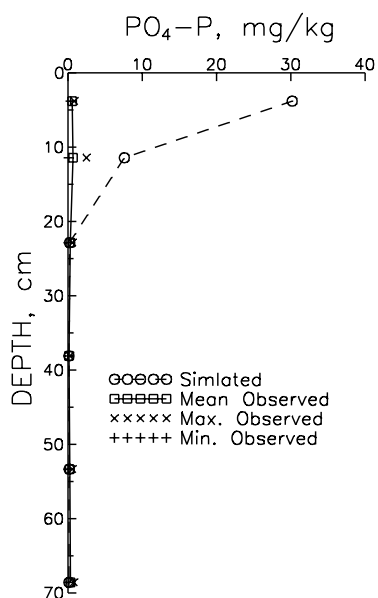
**Fig. 37.** Simulated and observed  $\text{NH}_4\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, May 24, 1977.



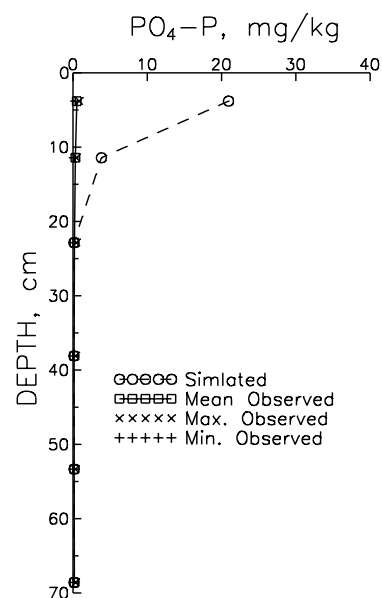
**Fig. 38.** Simulated and observed  $\text{NH}_4\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, July 15, 1977.



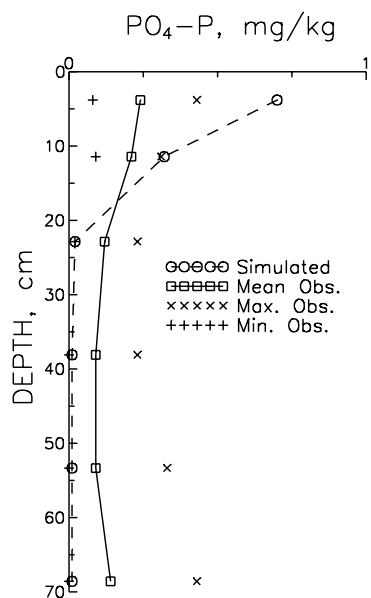
**Fig. 39.** Simulated and observed  $\text{NH}_4\text{-N}$  concentration in the soil, watershed ISU-1, Tama County, IA, November 3, 1977.



**Fig. 40.** Simulated and observed  $\text{PO}_4\text{-P}$  concentration in the soil, watershed ISU-1, Tama County, IA, May 24, 1977.



**Fig. 41.** Simulated and observed  $\text{PO}_4\text{-P}$  concentration in the soil, watershed ISU-1, Tama County, IA, July 15, 1977.



**Fig. 42.** Simulated and observed  $\text{PO}_4\text{-P}$  concentration in the soil, watershed ISU-1, Tama County, IA, November 3, 1977.