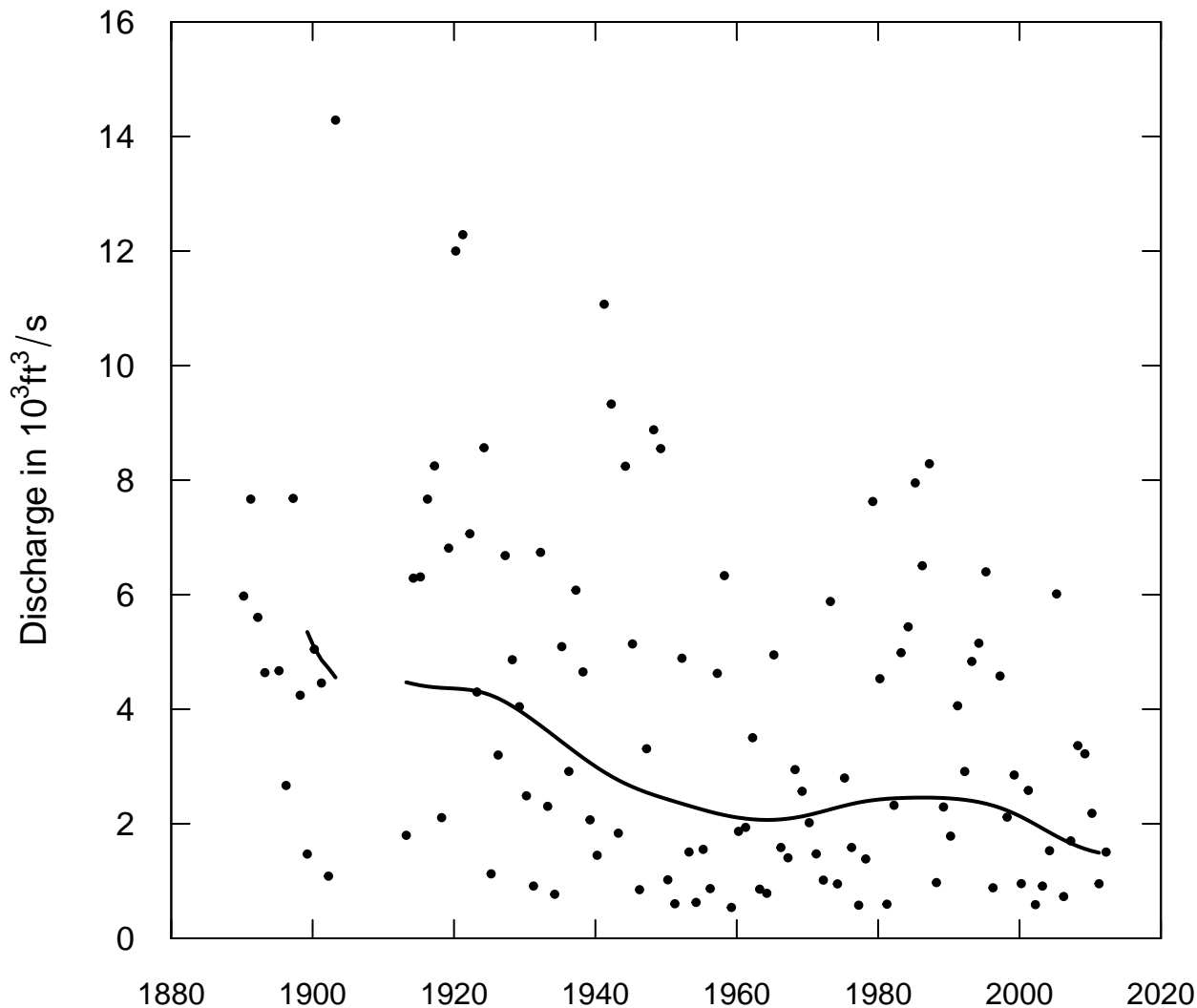
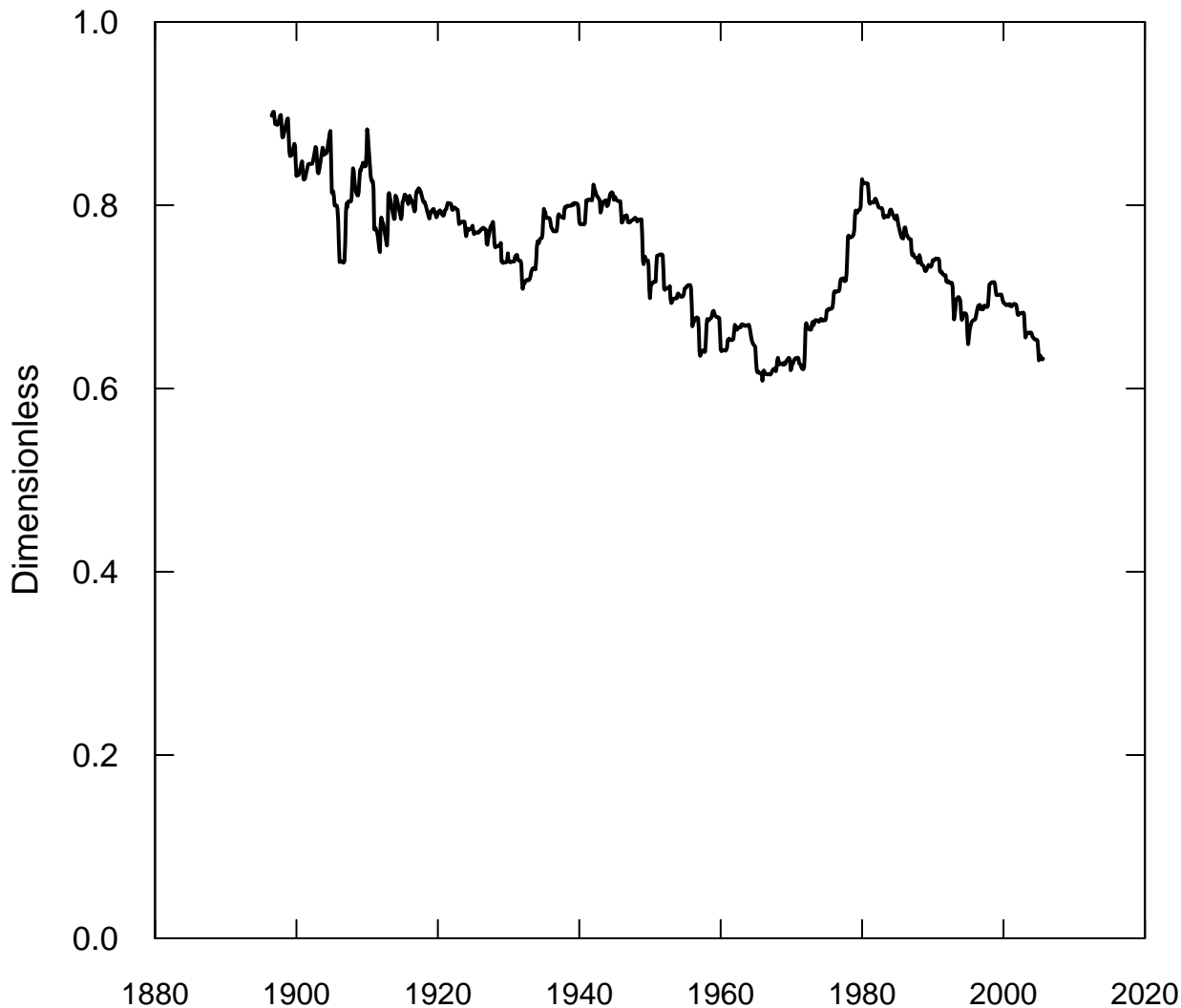


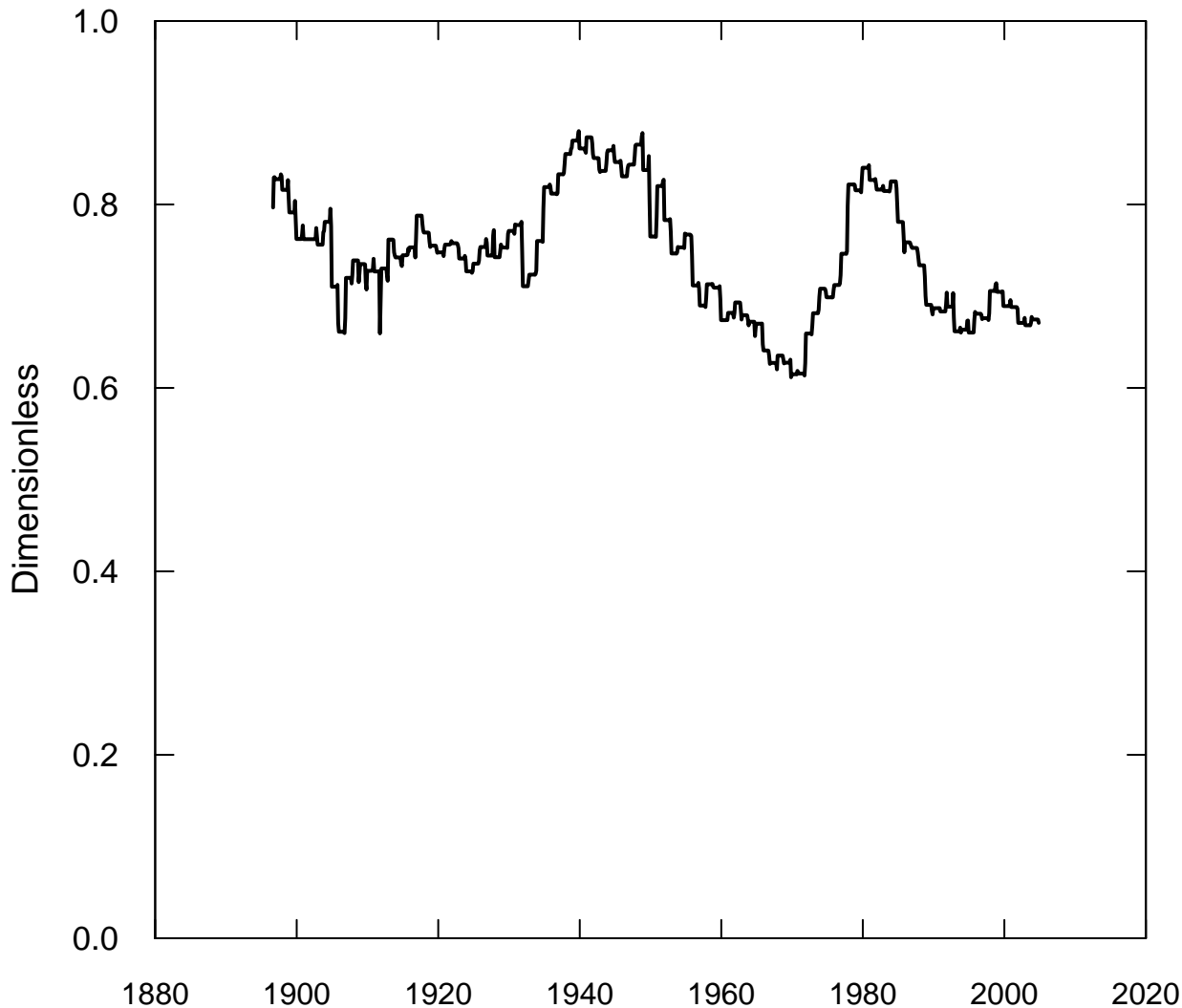
Rio Grande at Embudo, NM  
Water Year  
7-day maximum



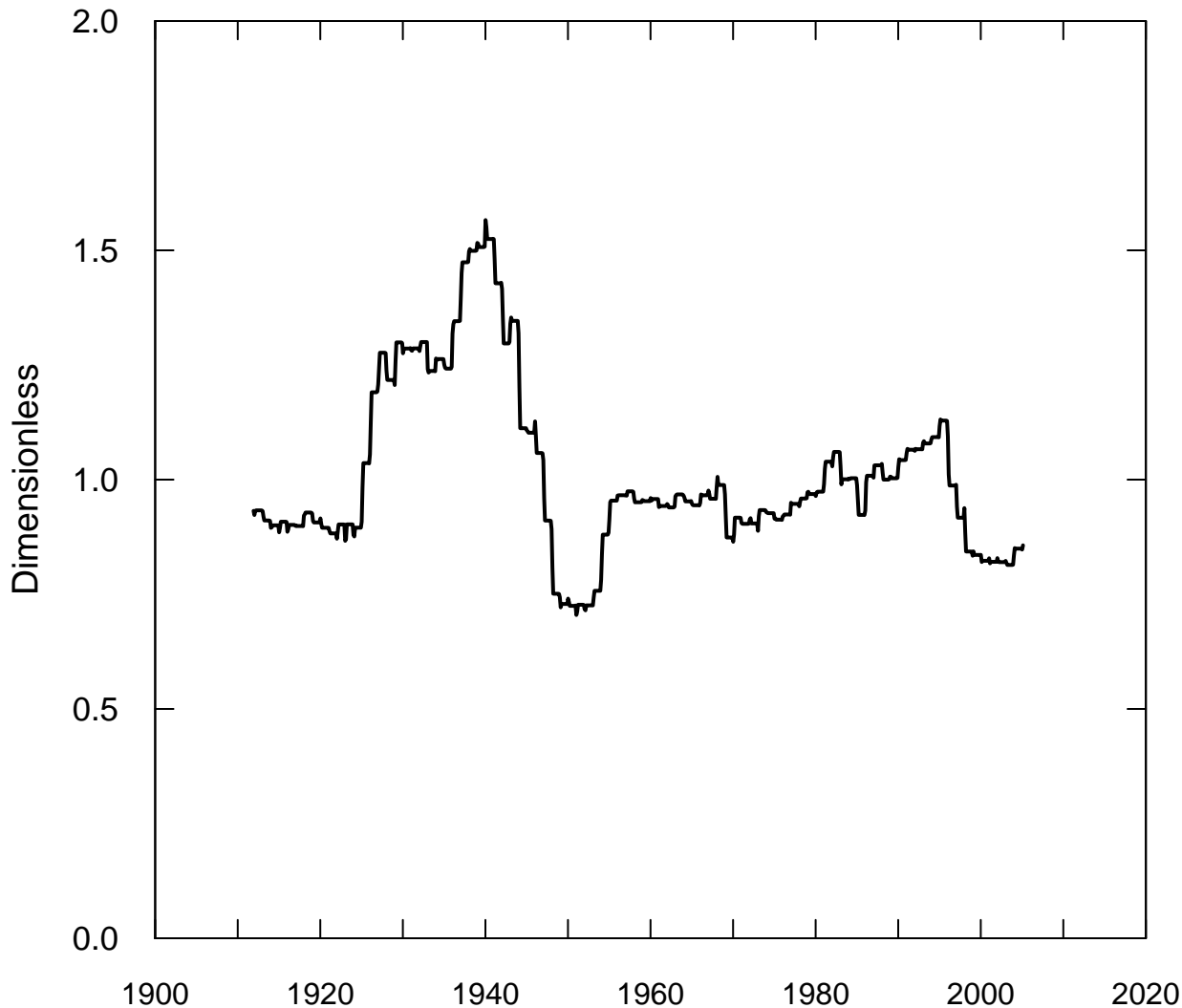
**Water Year**  
**Discharge variability: Standard Deviation of Log(Q)**



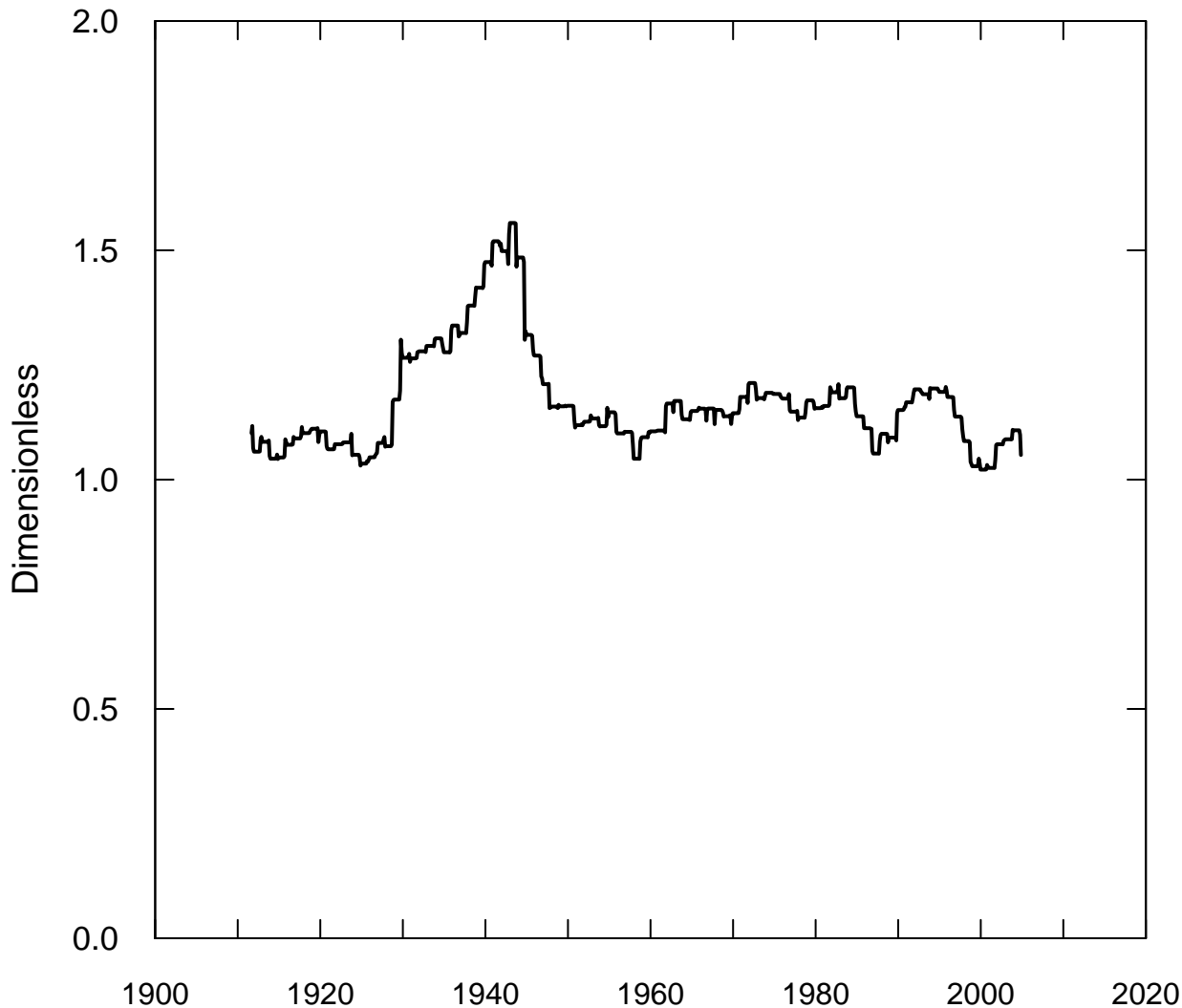
**Season Consisting of Mar Apr May**  
**Discharge variability: Standard Deviation of Log(Q)**



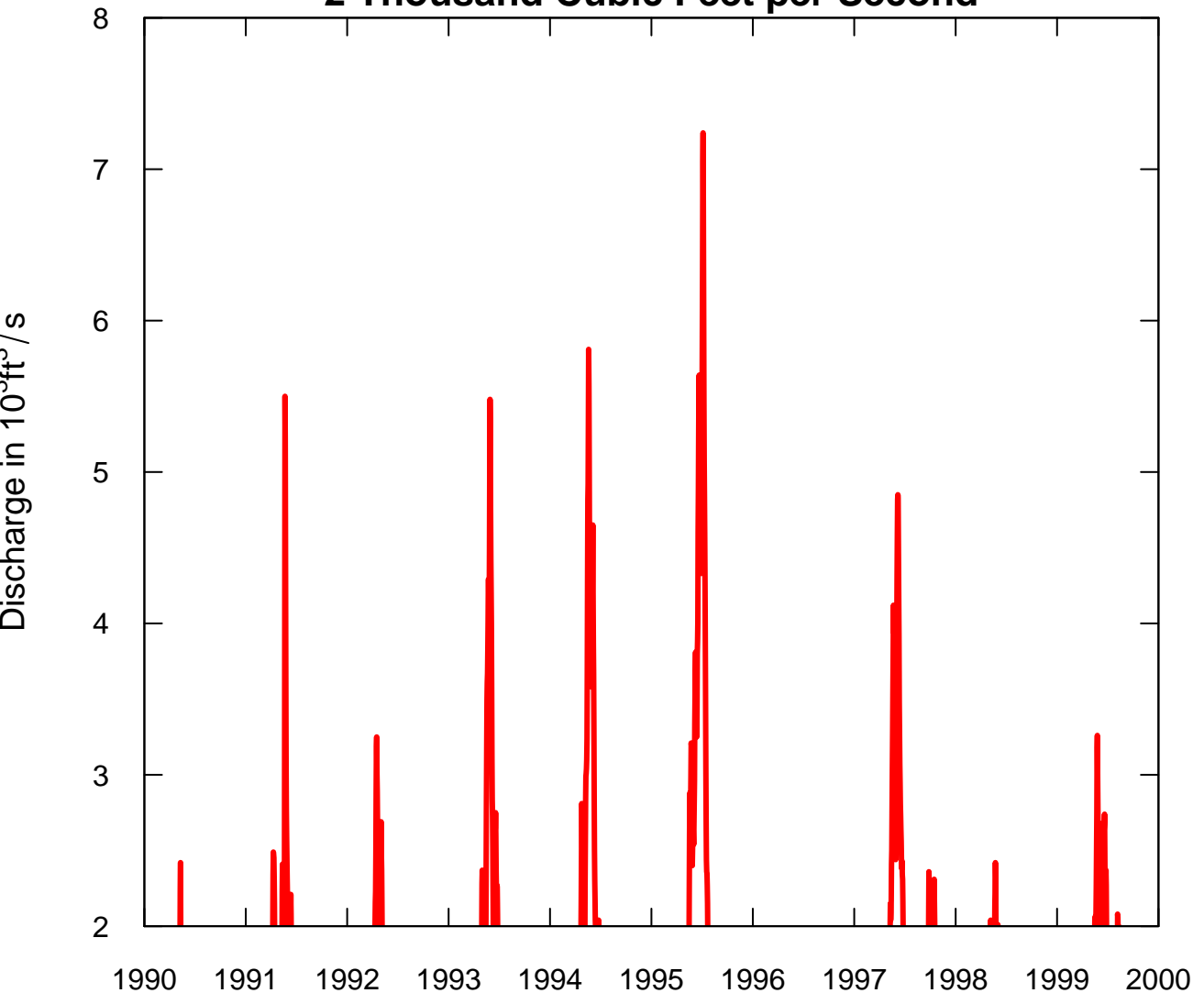
**Season Consisting of Jun Jul Aug**  
**Discharge variability: Standard Deviation of Log(Q)**



**Season Consisting of Mar Apr May**  
**Discharge variability: Standard Deviation of Log(Q)**



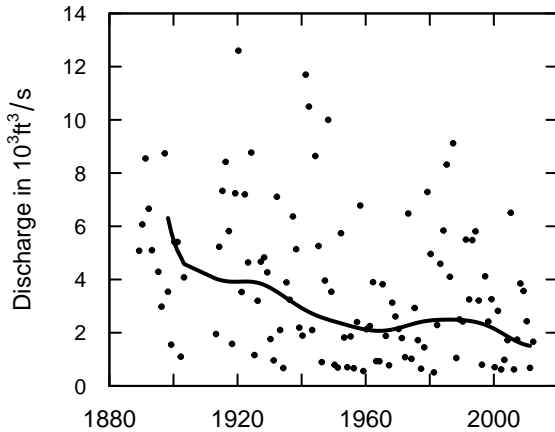
**Rio Grande at Embudo, NM**  
**Daily discharge above a threshold of**  
**2 Thousand Cubic Feet per Second**



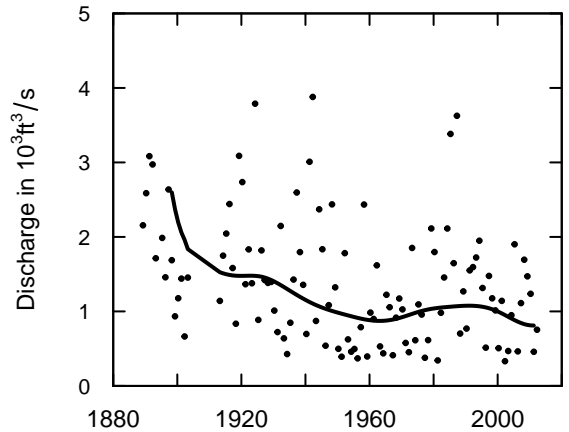
# Rio Grande at Embudo, NM

## Season Consisting of Mar Apr May

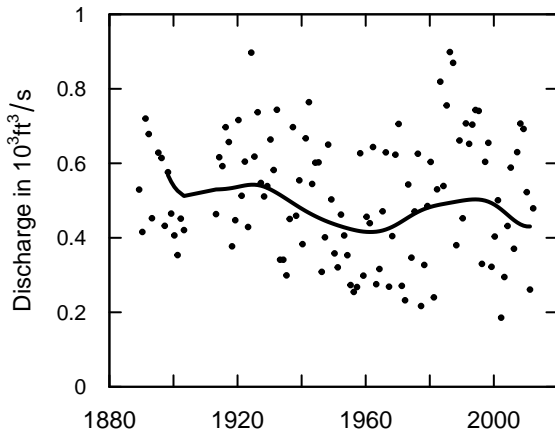
maximum day



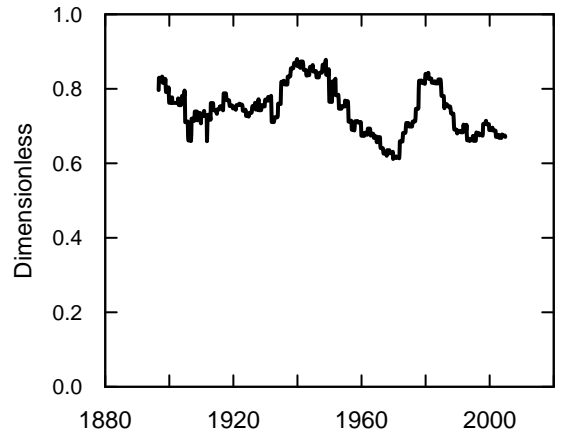
mean daily



7-day minimum



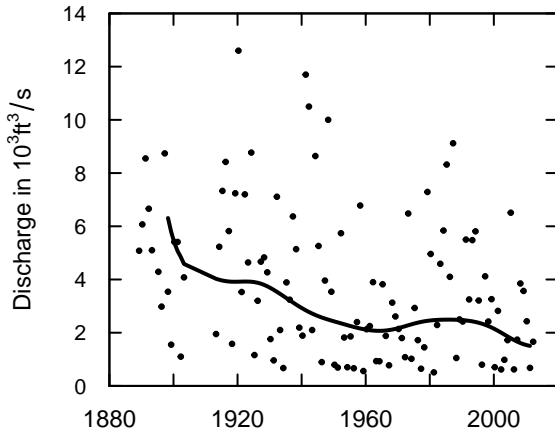
Discharge variability: Standard Deviation of Log(Q)



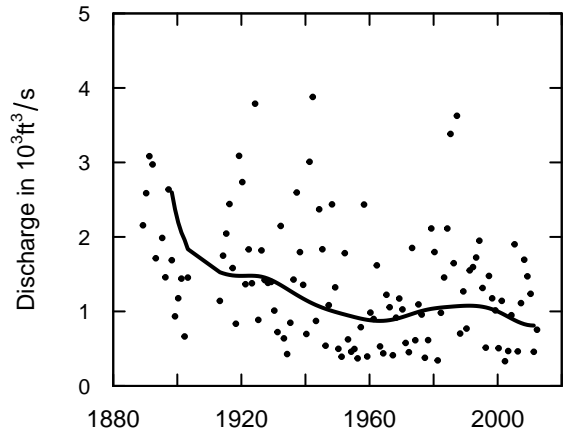
# Rio Grande at Embudo, NM

## Season Consisting of Mar Apr May

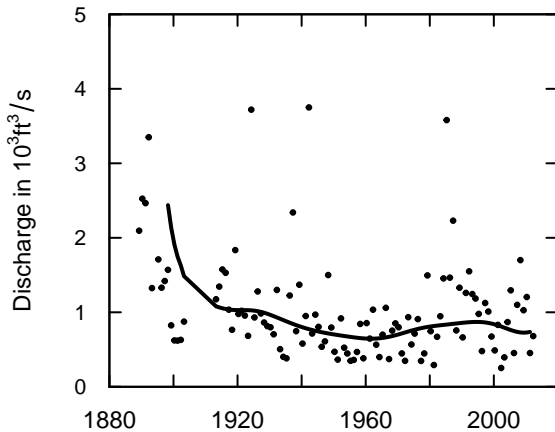
maximum day



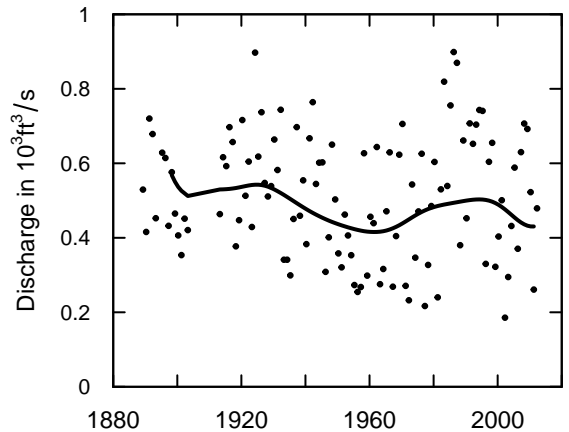
mean daily



median daily

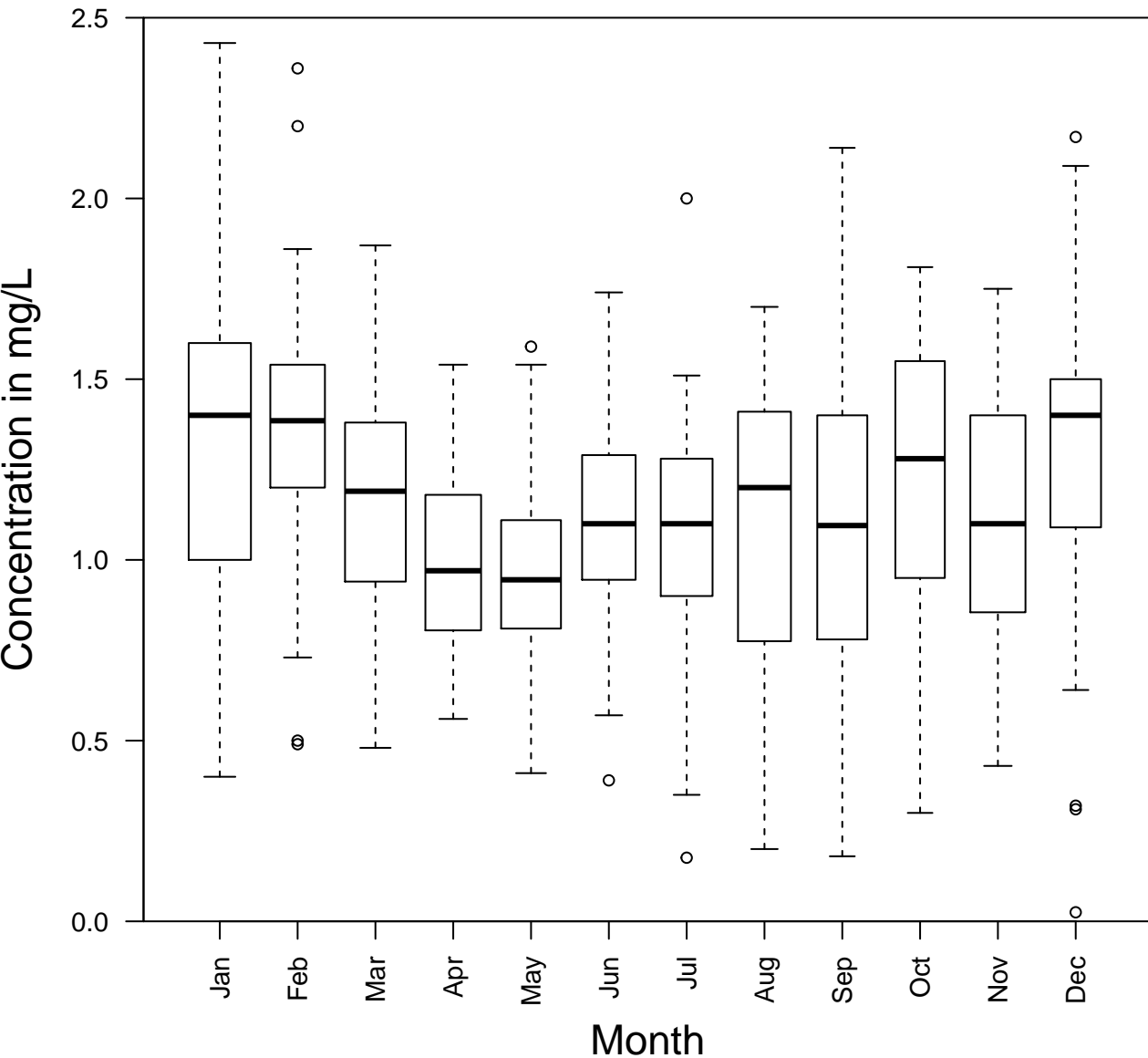


7-day minimum





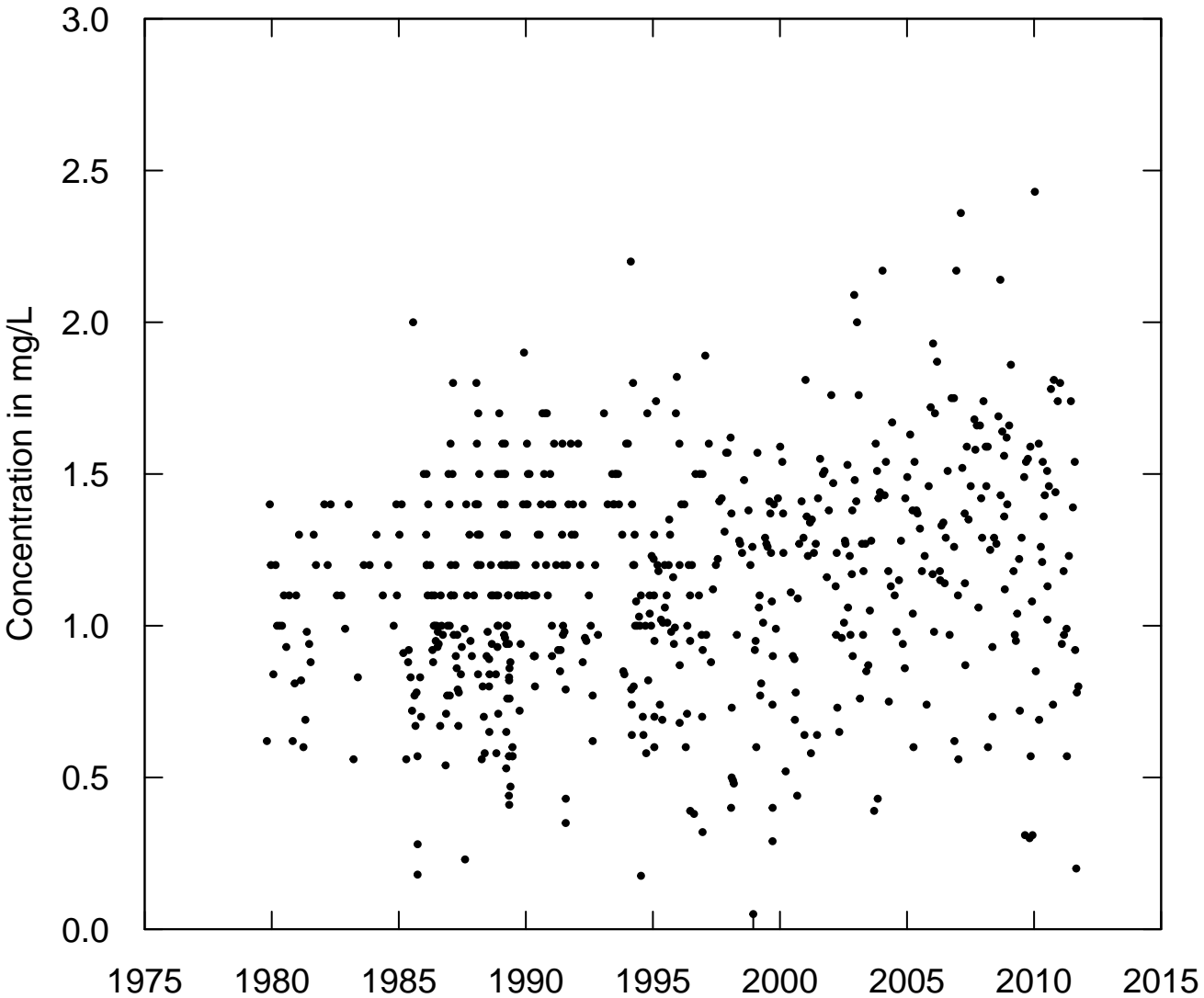
**Choptank River**  
**Inorganic nitrogen (nitrate and nitrite)**  
**Boxplots of sample values by month**



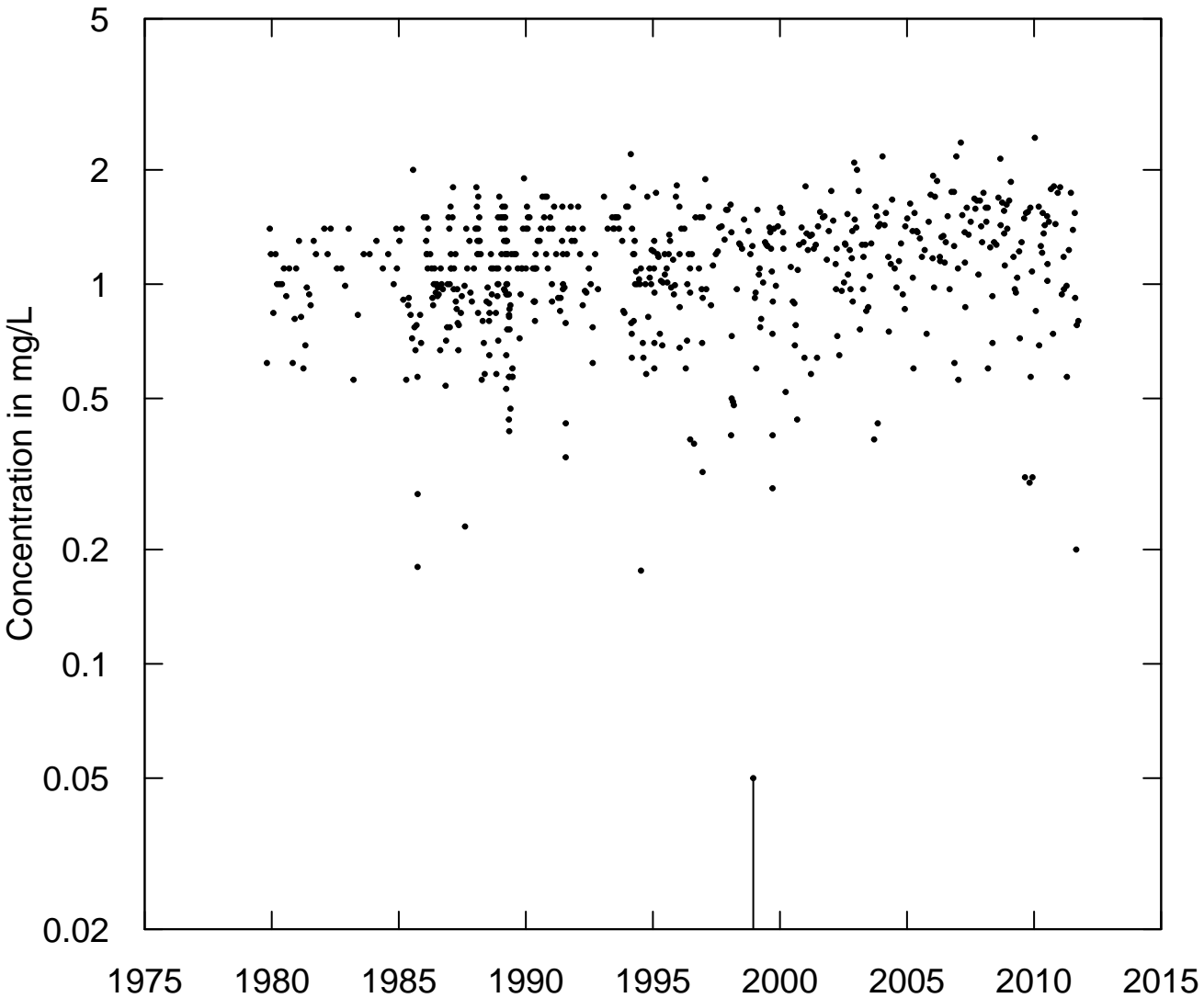
## Sampled Discharges and All Daily Discharges



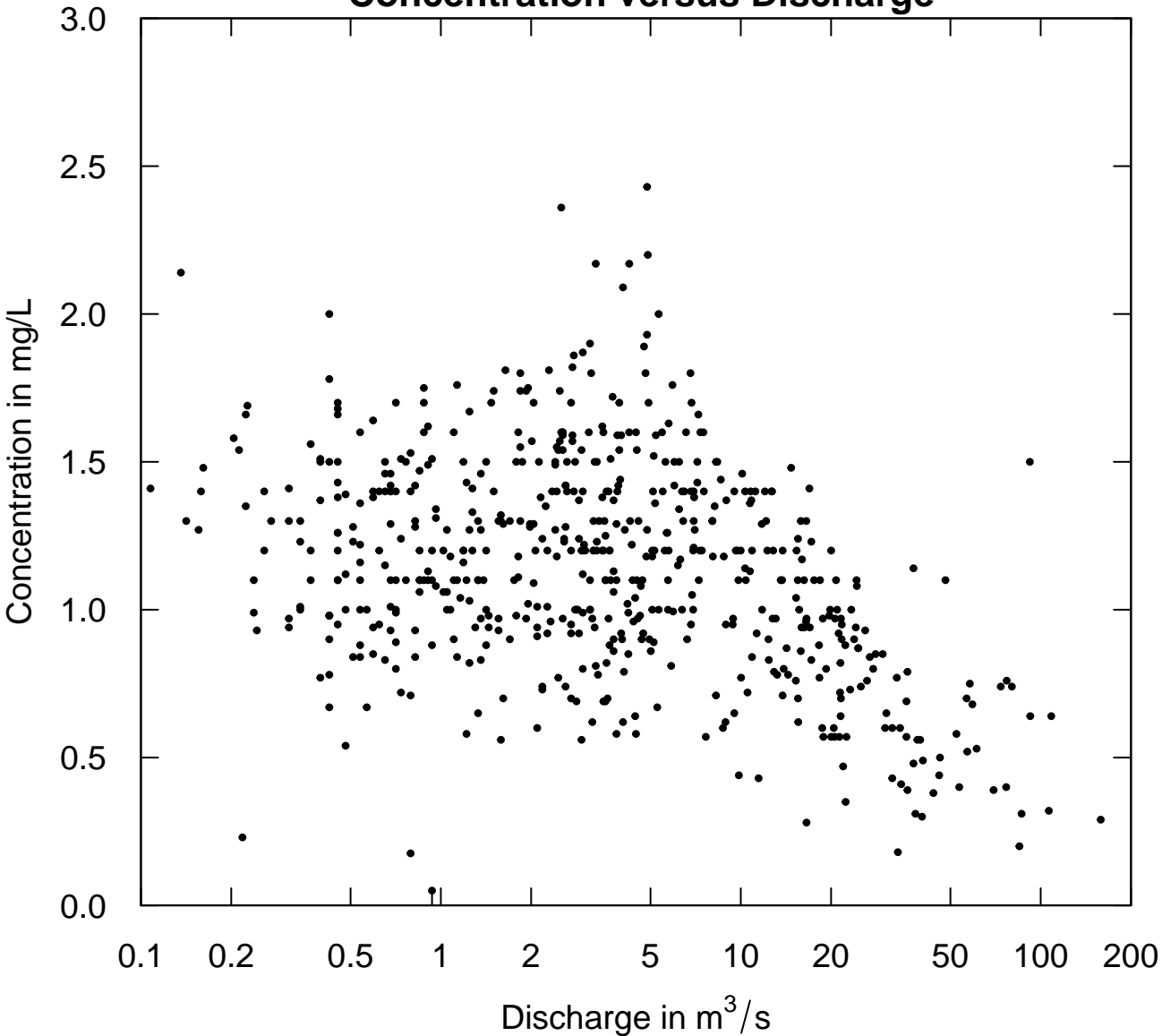
# Choptank River , Inorganic nitrogen (nitrate and nitrite)



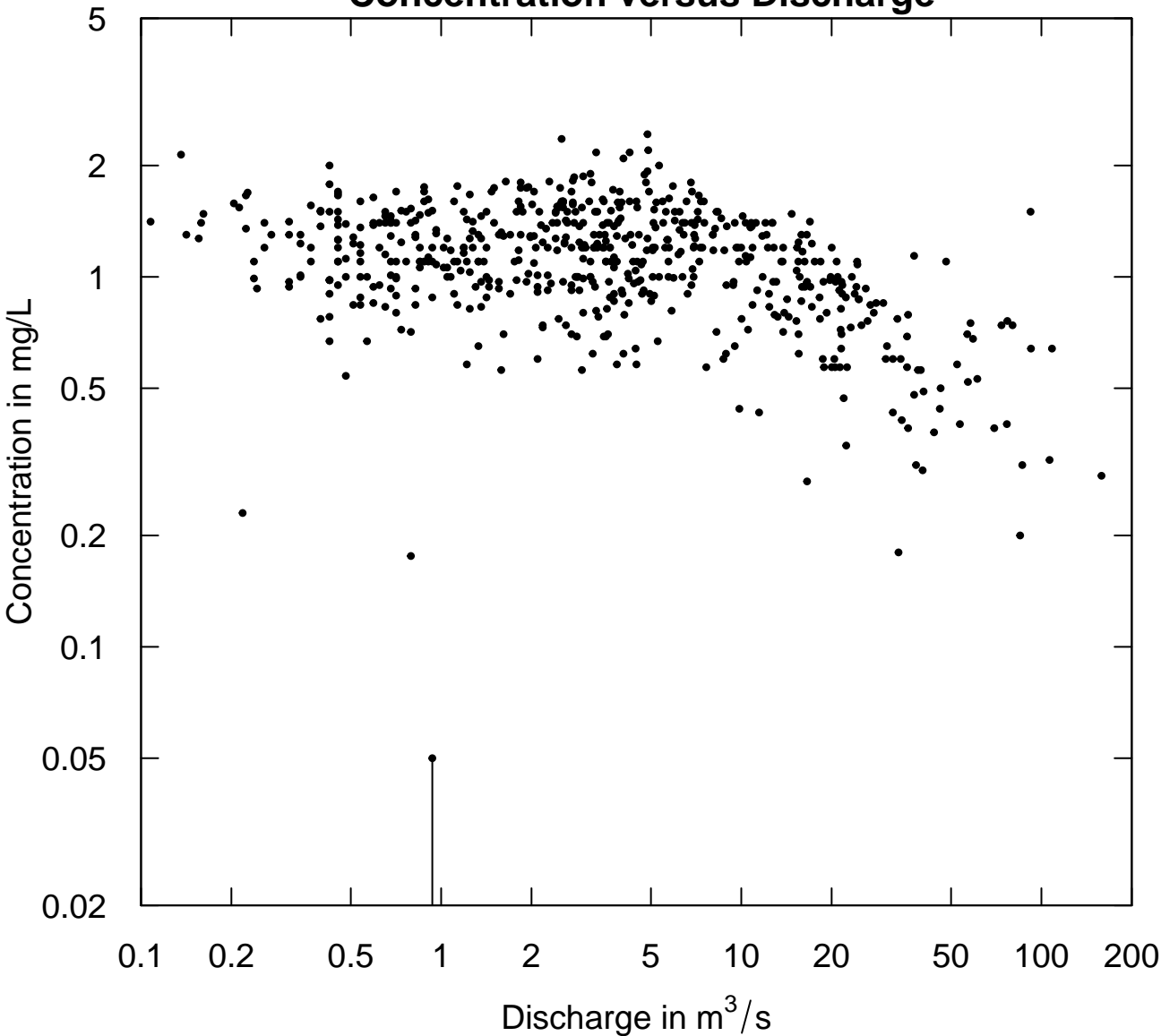
# Choptank River , Inorganic nitrogen (nitrate and nitrite)



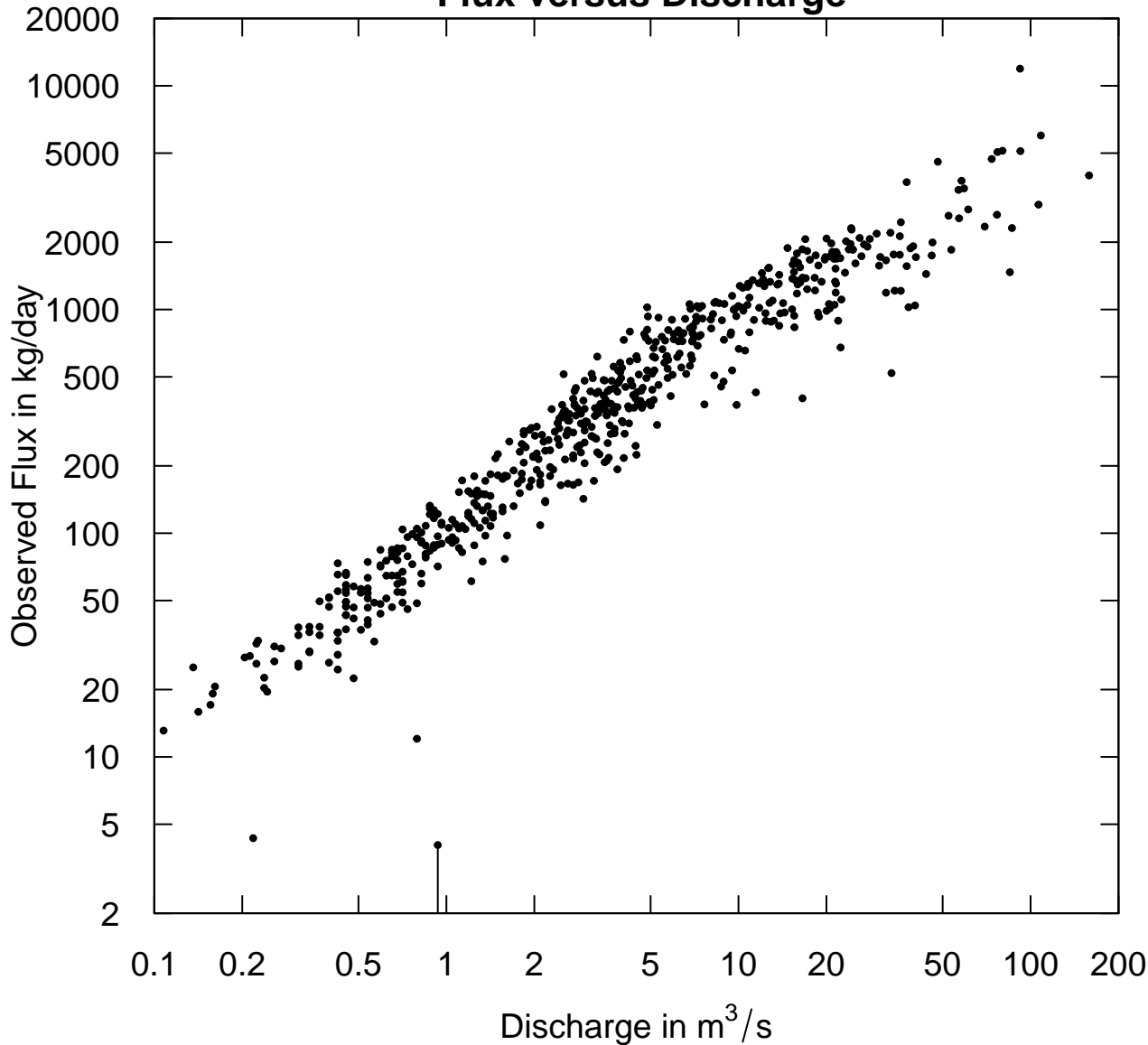
**Choptank River**  
**Inorganic nitrogen (nitrate and nitrite)**  
**Concentration versus Discharge**



**Choptank River**  
**Inorganic nitrogen (nitrate and nitrite)**  
**Concentration versus Discharge**

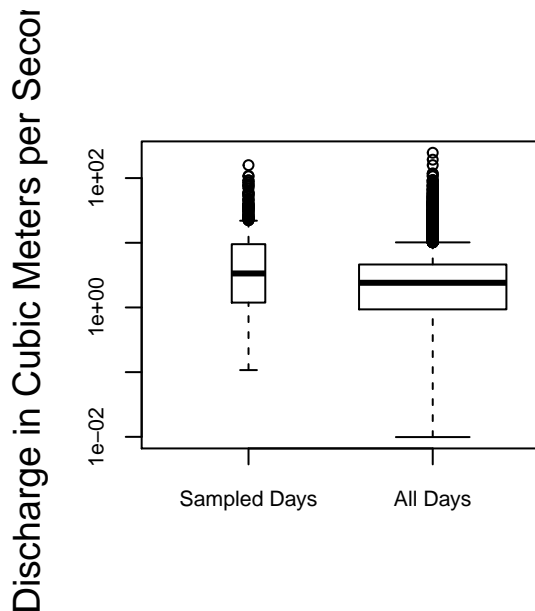
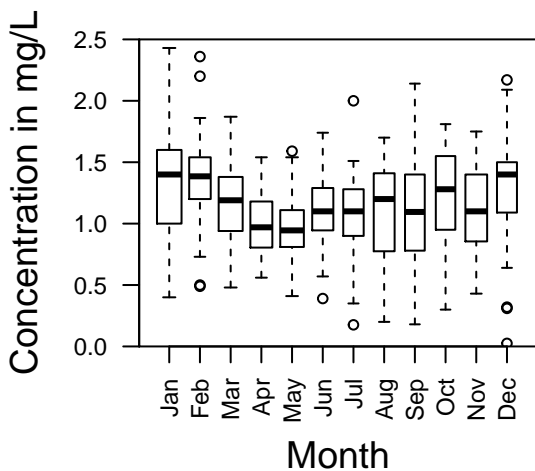
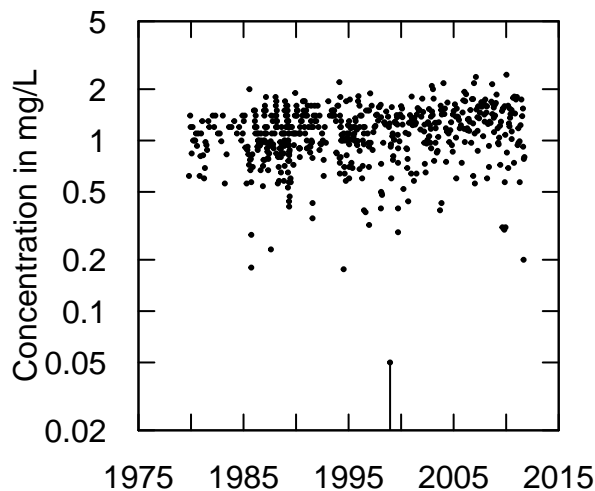
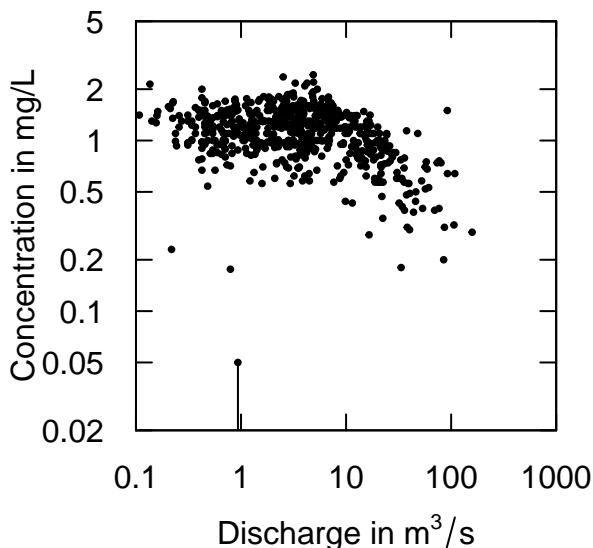


**Choptank River**  
**Inorganic nitrogen (nitrate and nitrite)**  
**Flux versus Discharge**



# Choptank River

## Inorganic nitrogen (nitrate and nitrite)

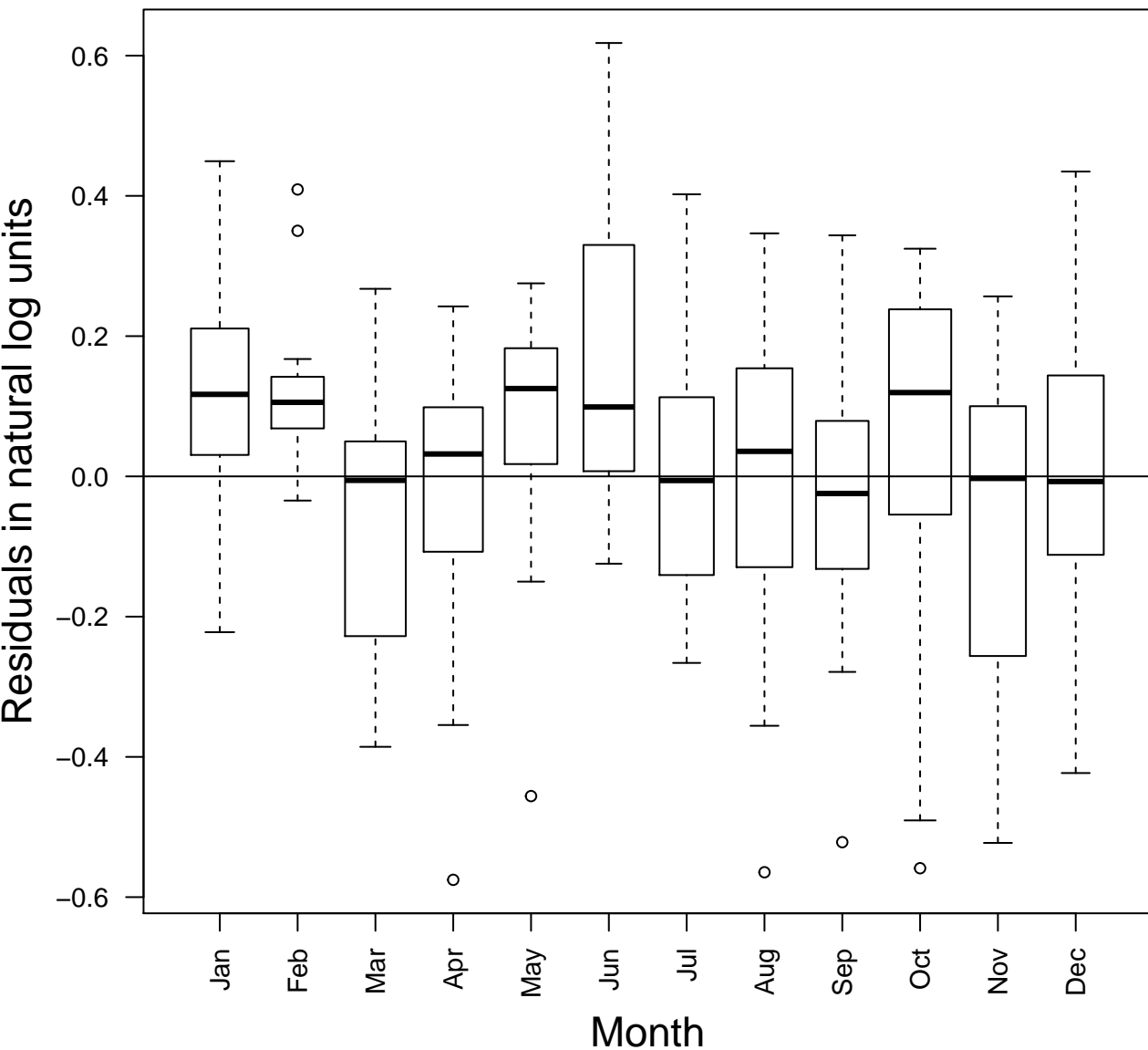




# Choptank River near Greensboro, MD

## Nitrate as N

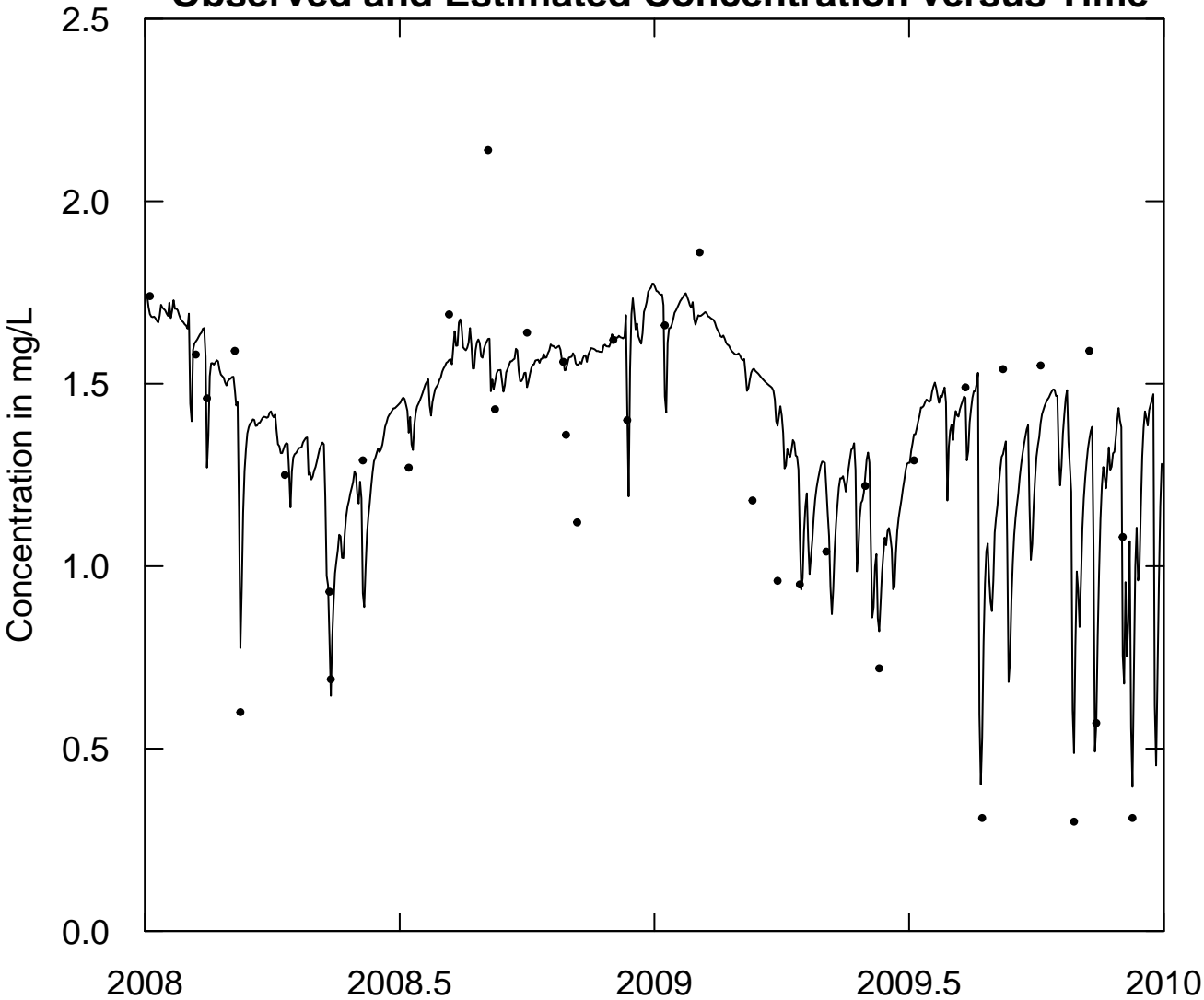
### Boxplots of residuals by month



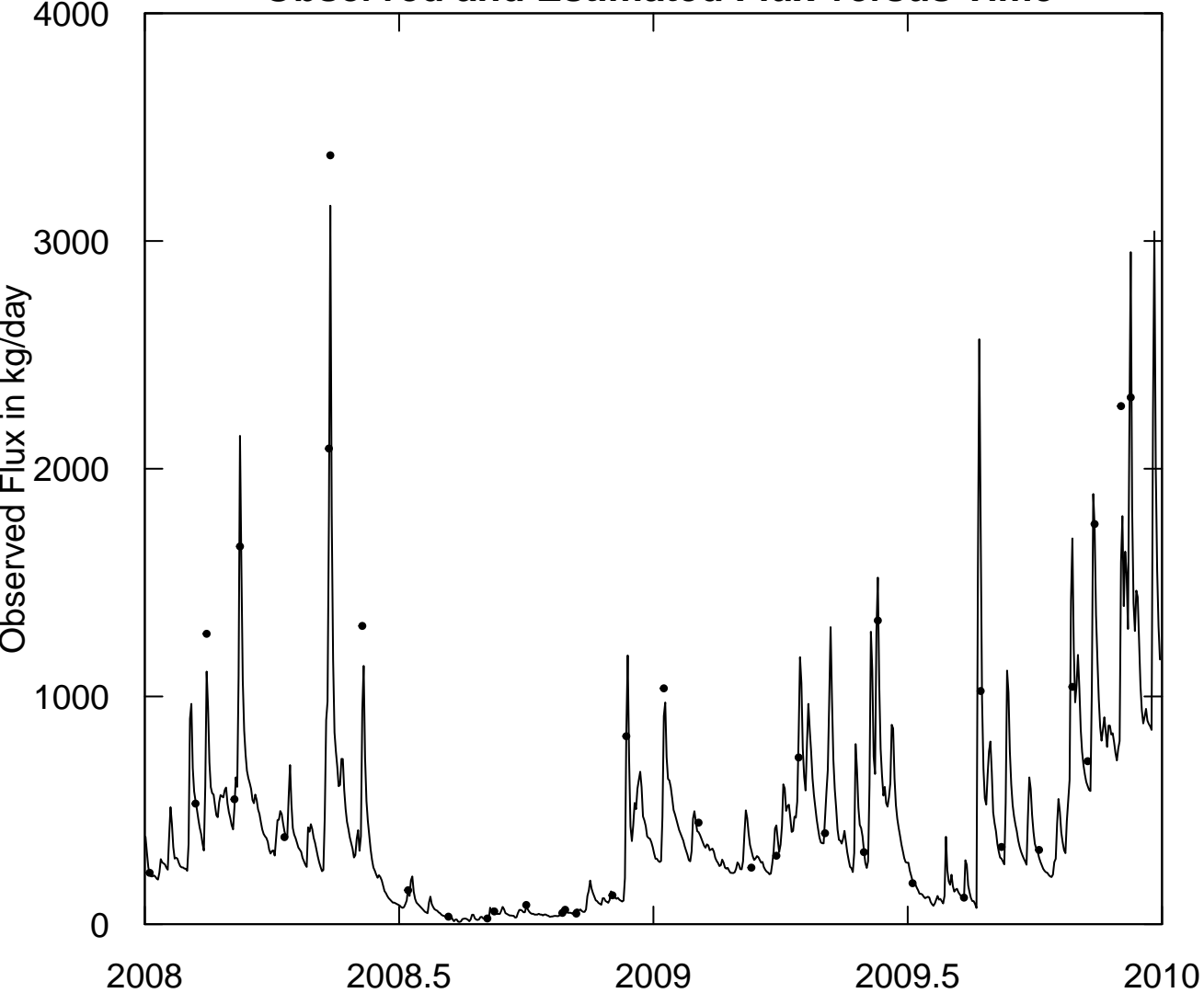
# Choptank River near Greensboro, MD

## Nitrate as N

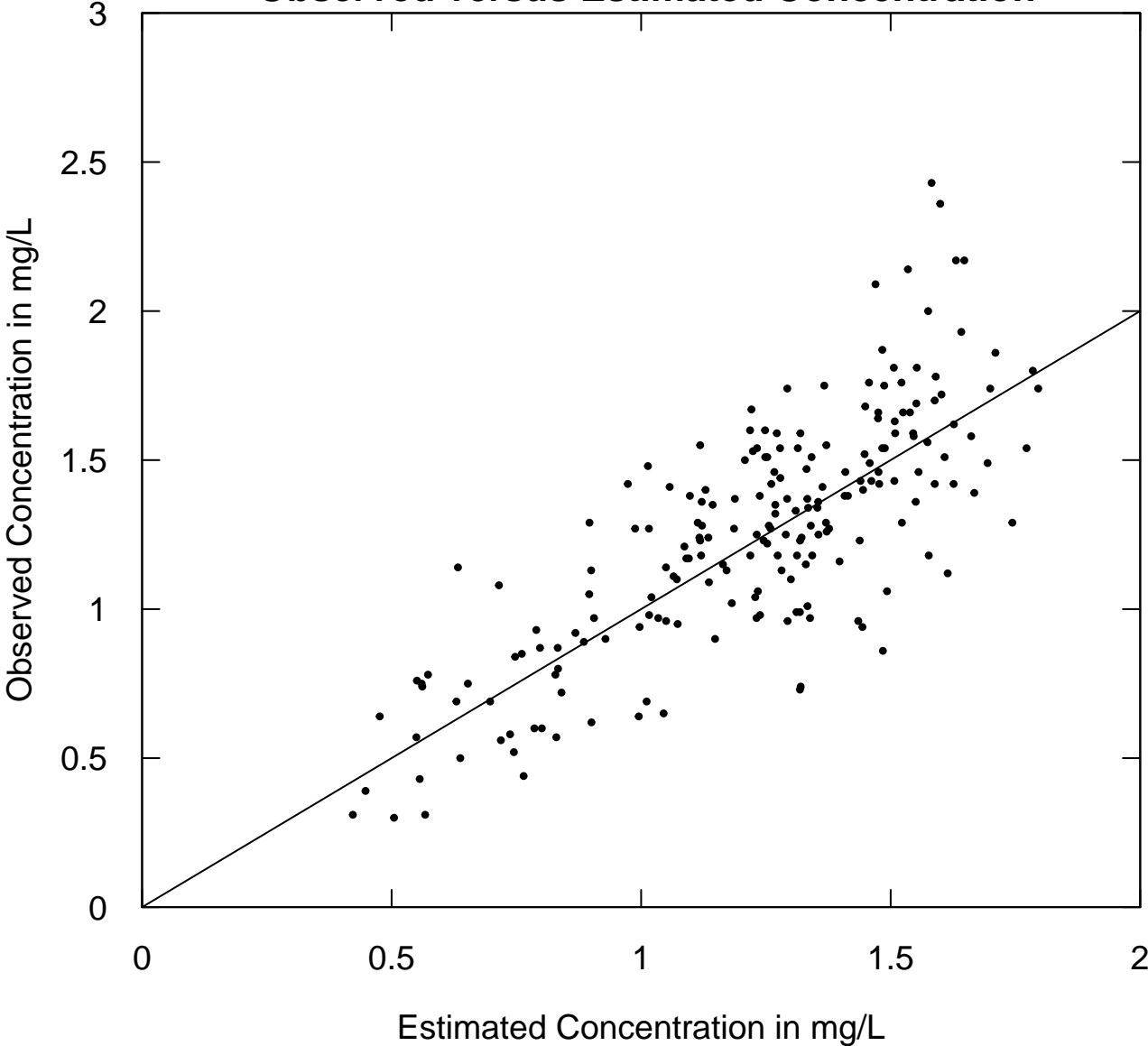
### Observed and Estimated Concentration versus Time



**Choptank River near Greensboro, MD**  
**Nitrate as N**  
**Observed and Estimated Flux versus Time**



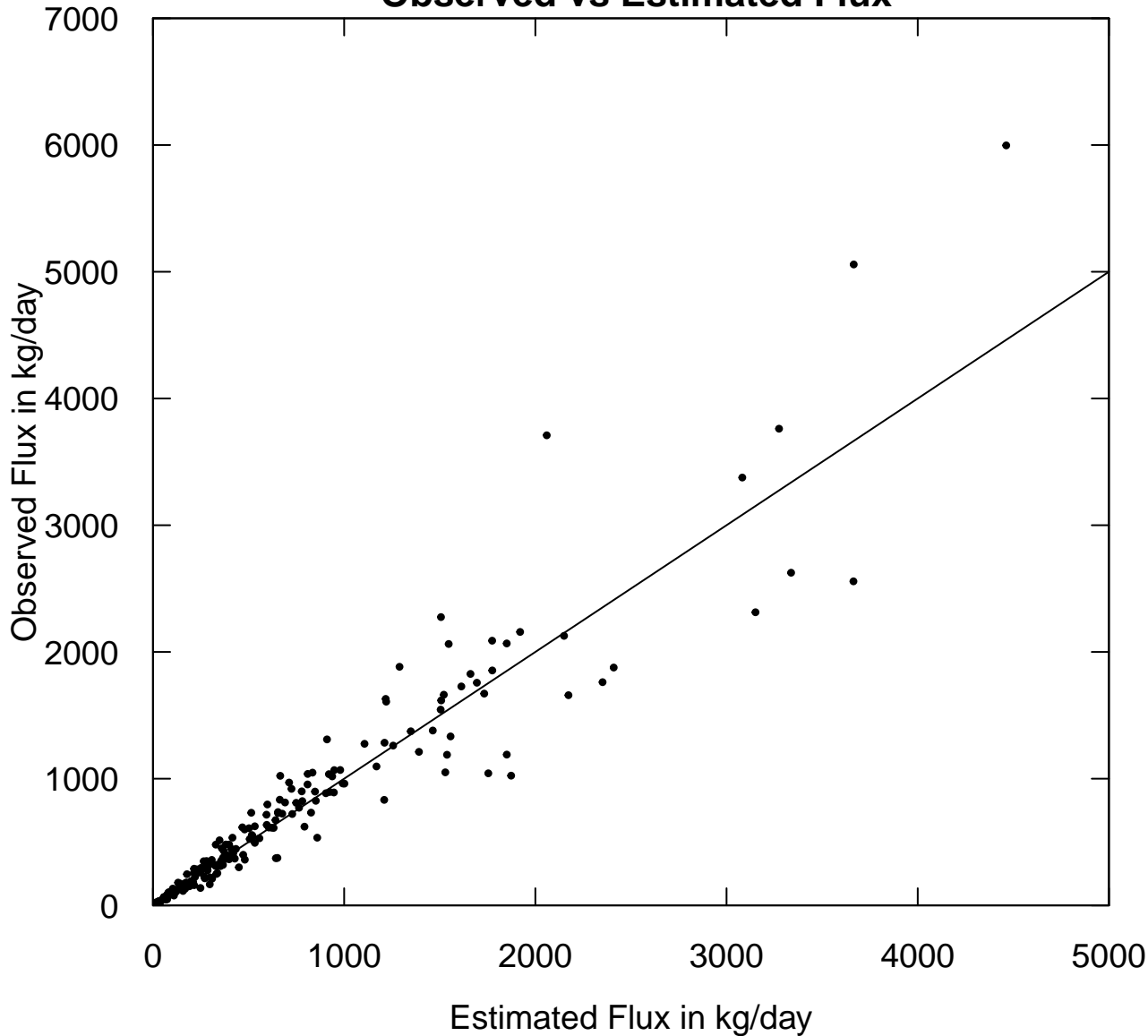
**Choptank River near Greensboro, MD**  
**Nitrate as N**  
**Observed versus Estimated Concentration**



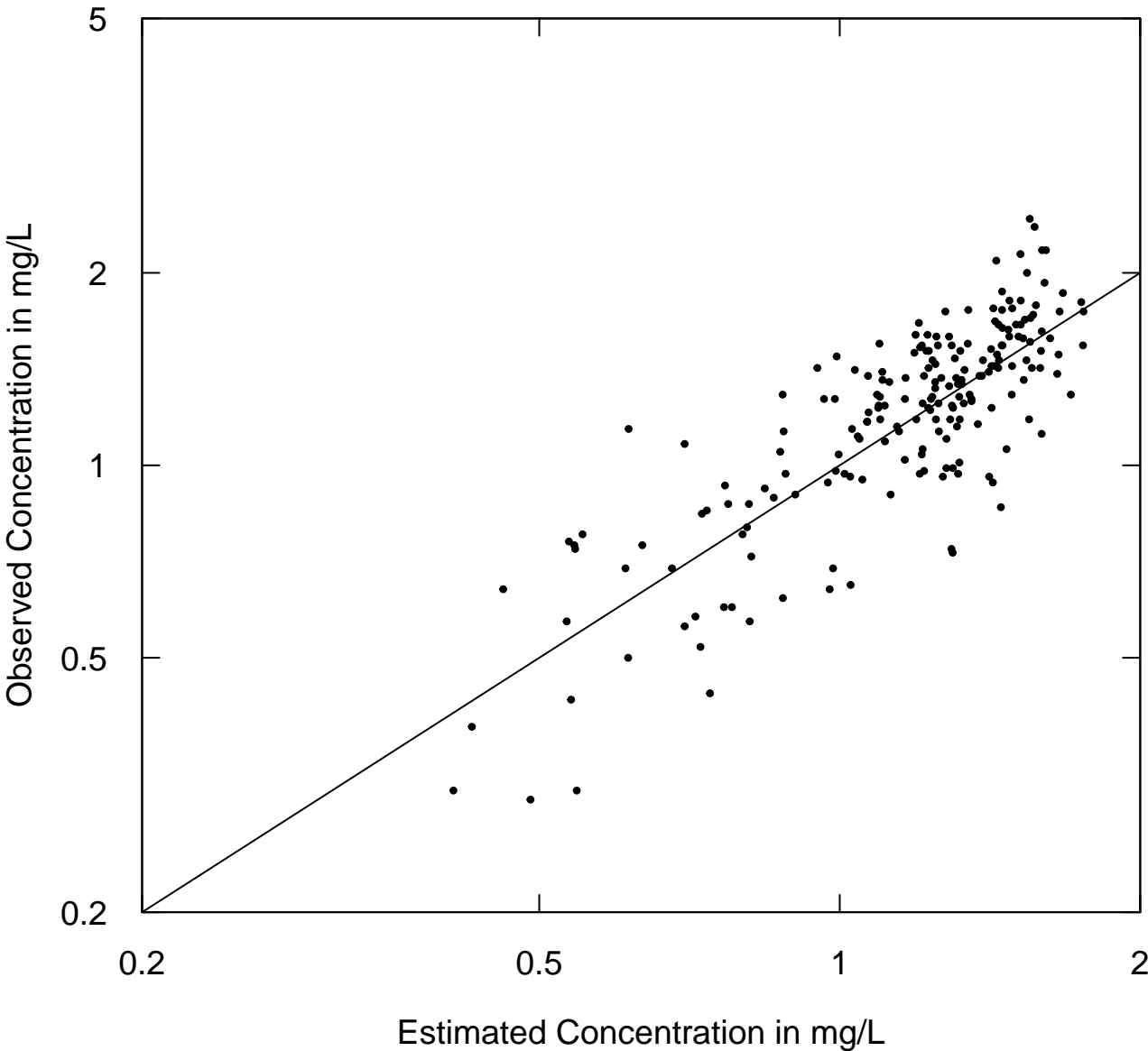
# Choptank River near Greensboro, MD

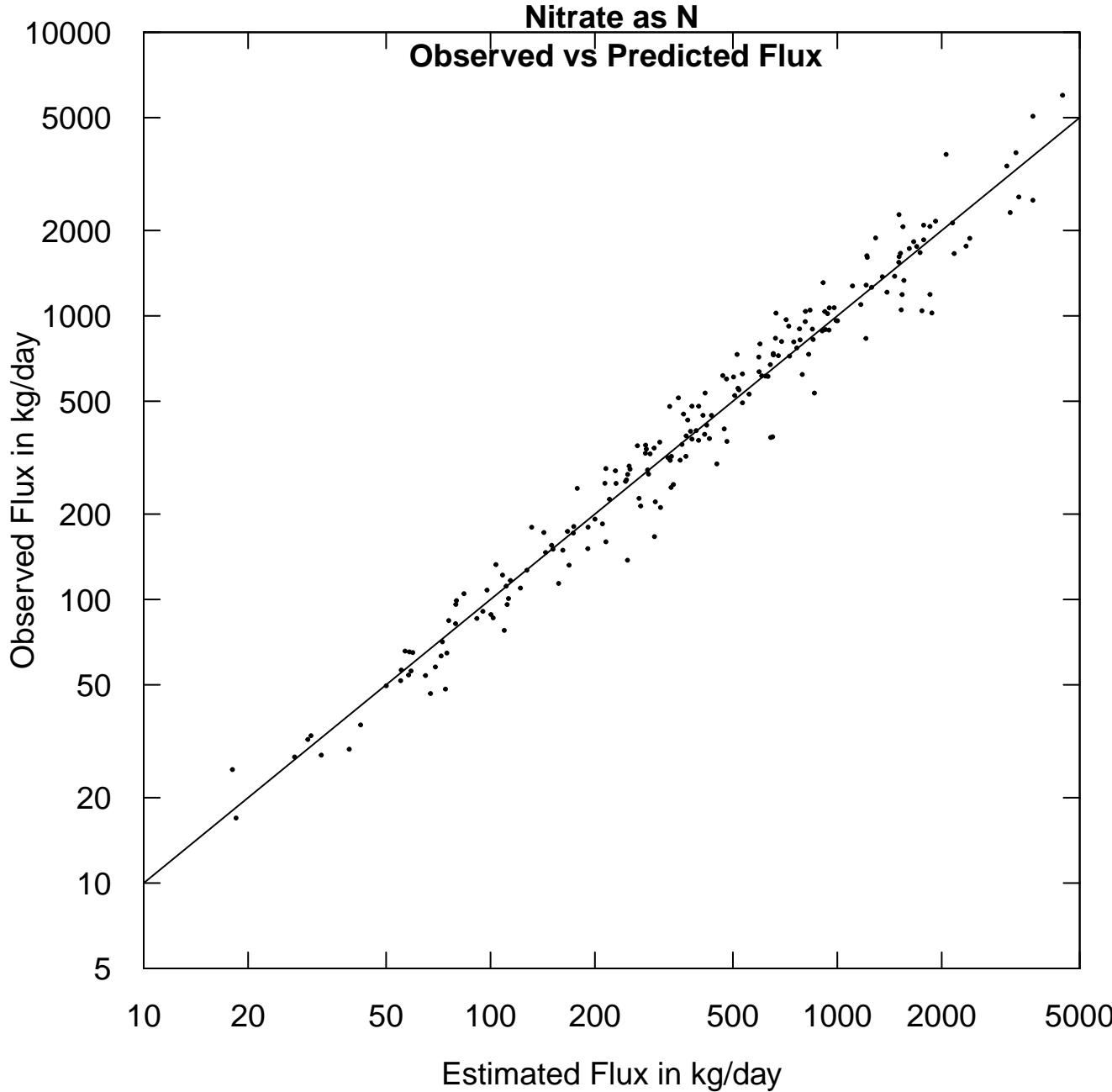
Nitrate as N

Observed vs Estimated Flux



**Choptank River near Greensboro, MD**  
**Nitrate as N**  
**Observed versus Estimated Concentration**

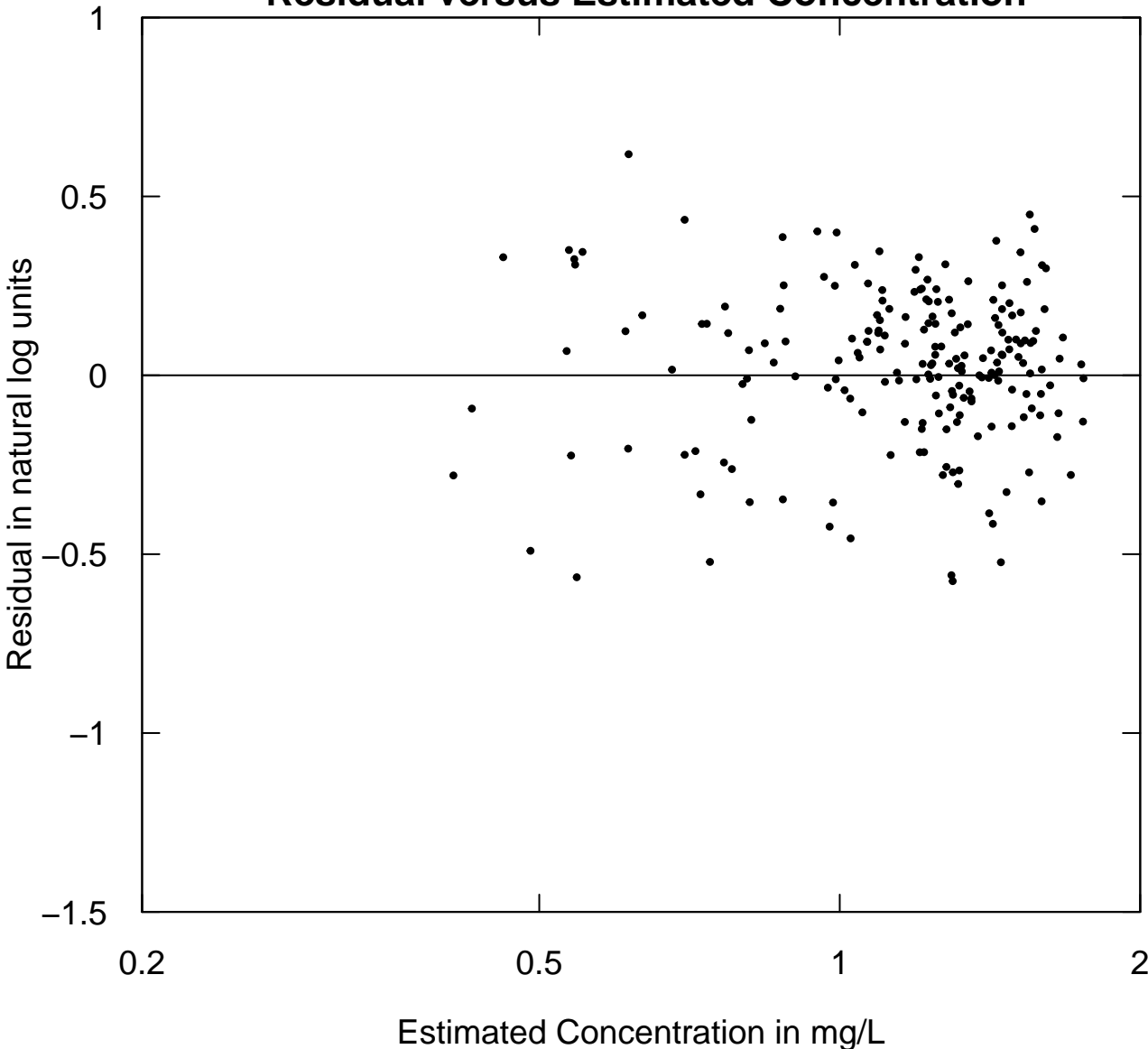




# Choptank River near Greensboro, MD

Nitrate as N

Residual versus Estimated Concentration

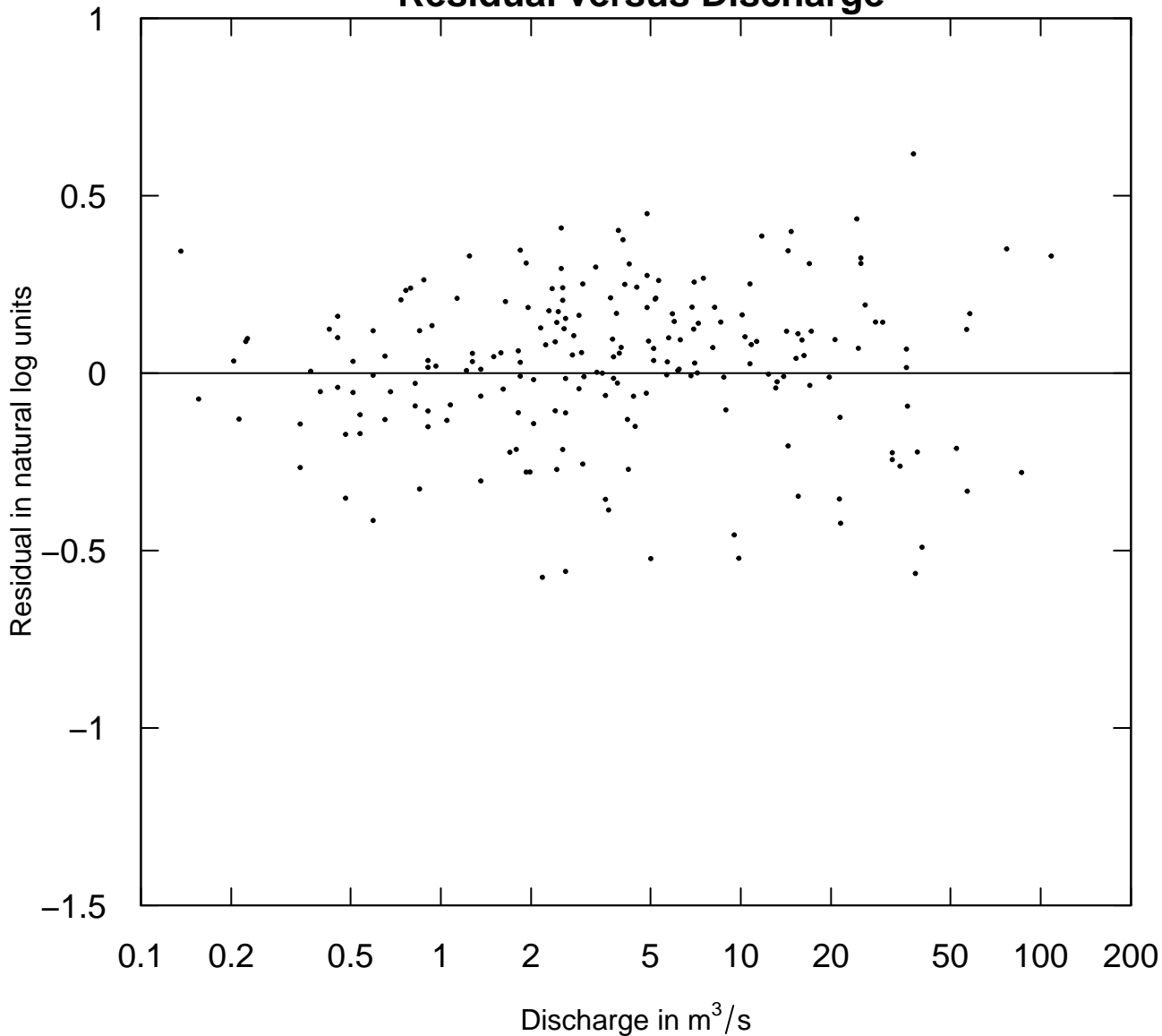




# Choptank River near Greensboro, MD

Nitrate as N

Residual versus Discharge



# Choptank River near Greensboro, MD

Nitrate as N

Residual versus Time

