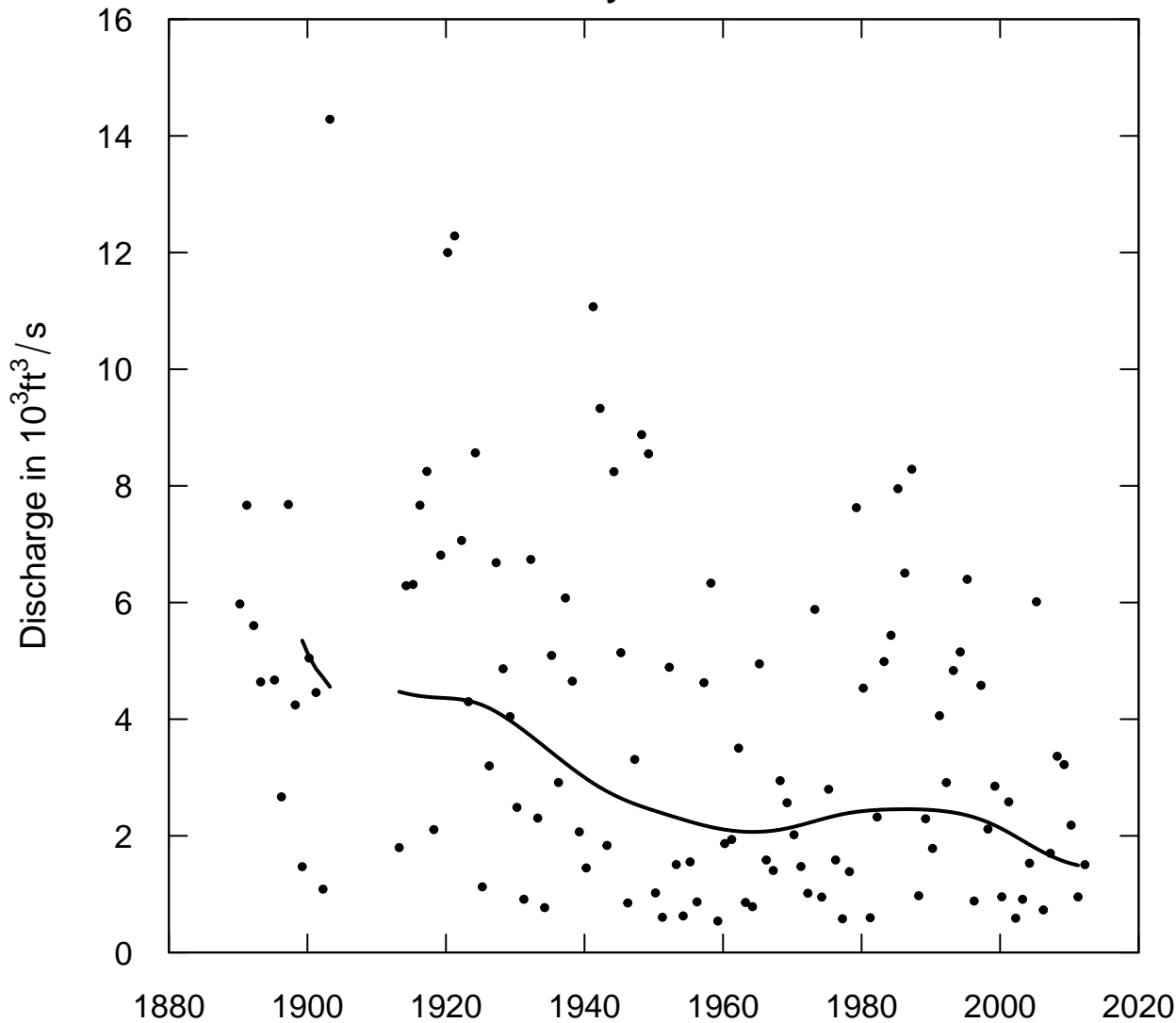


Rio Grande at Embudo, NM

Water Year

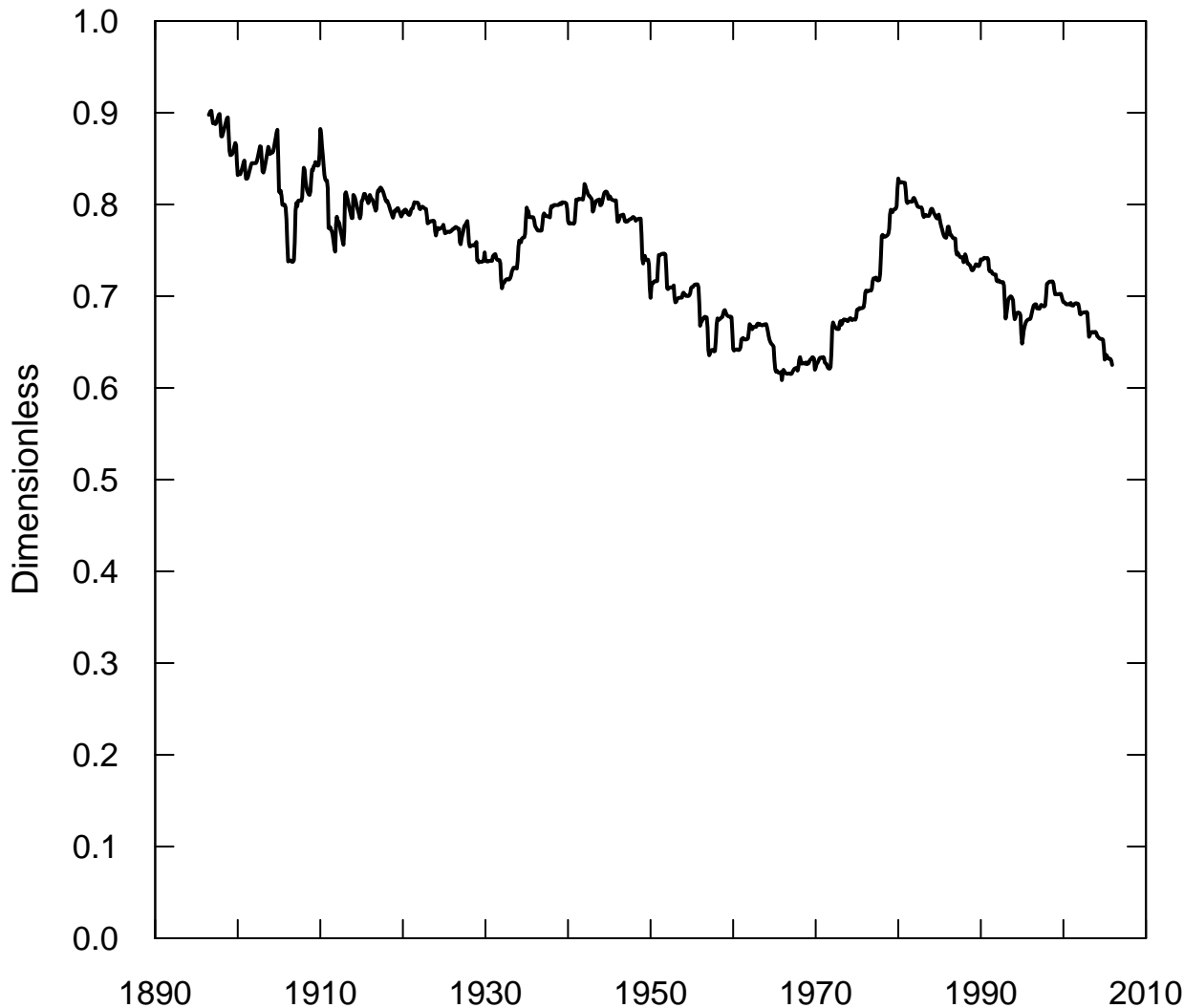
7-day maximum



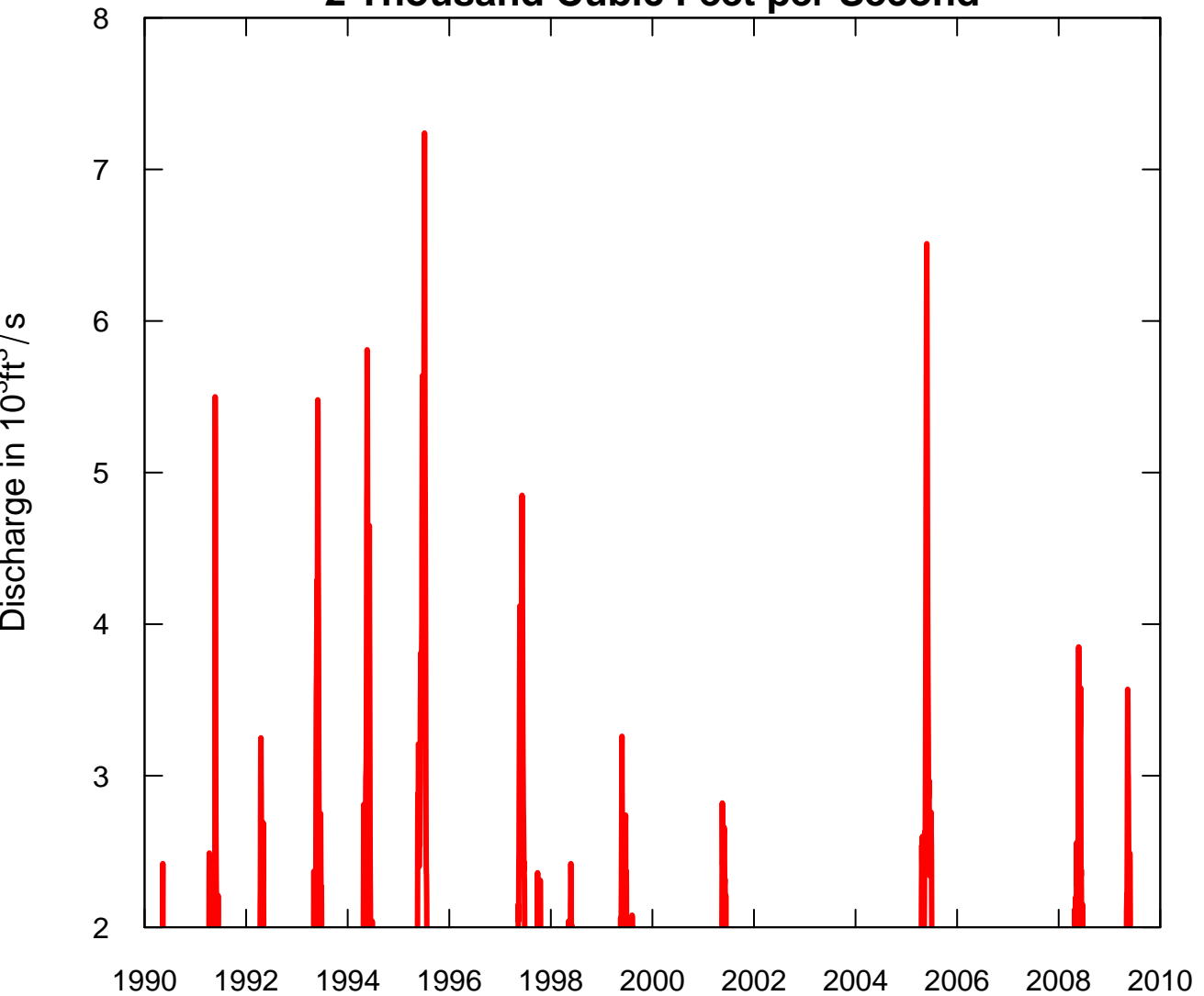
Rio Grande at Embudo, NM

Water Year

Discharge variability: Standard Deviation of Log(Q)

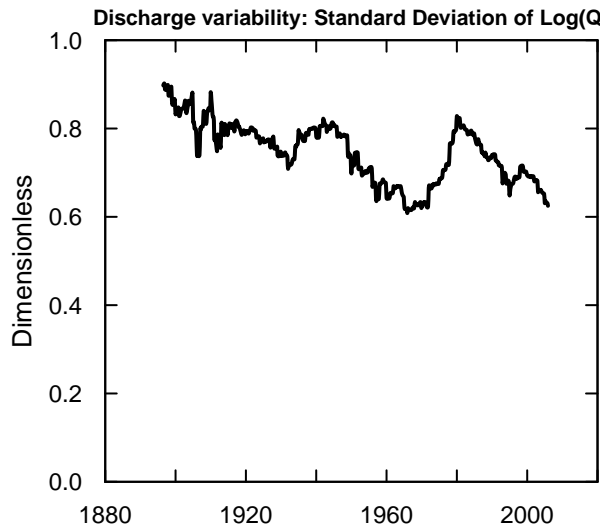
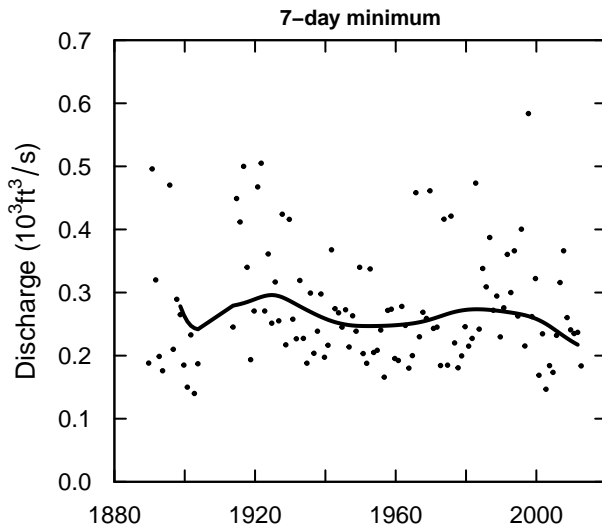
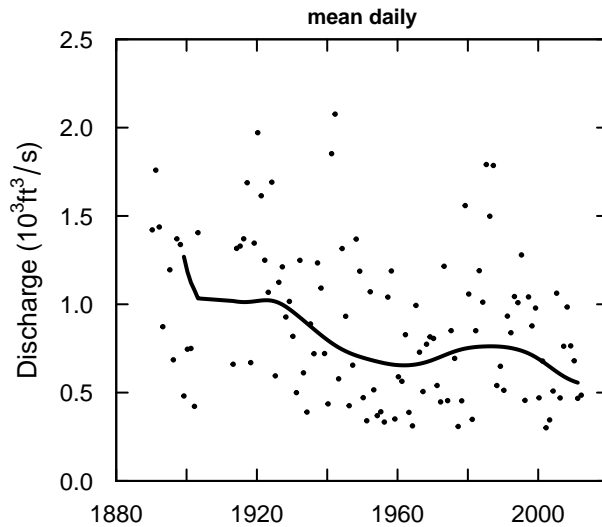
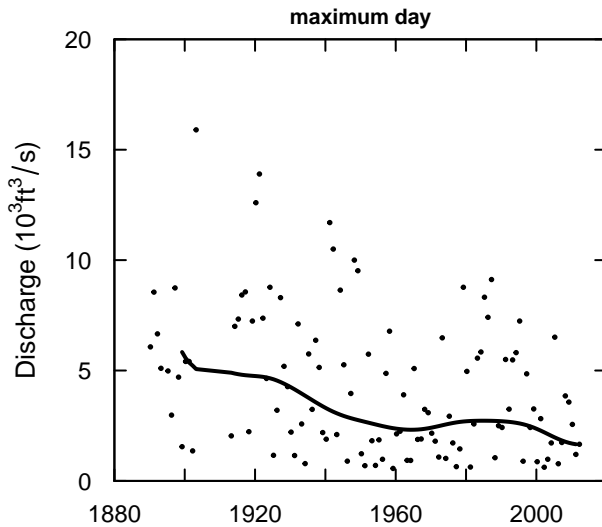


Rio Grande at Embudo, NM
Daily discharge above a threshold of
2 Thousand Cubic Feet per Second



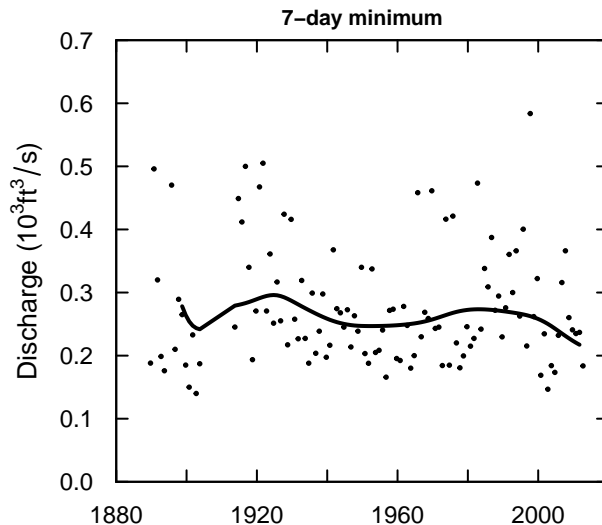
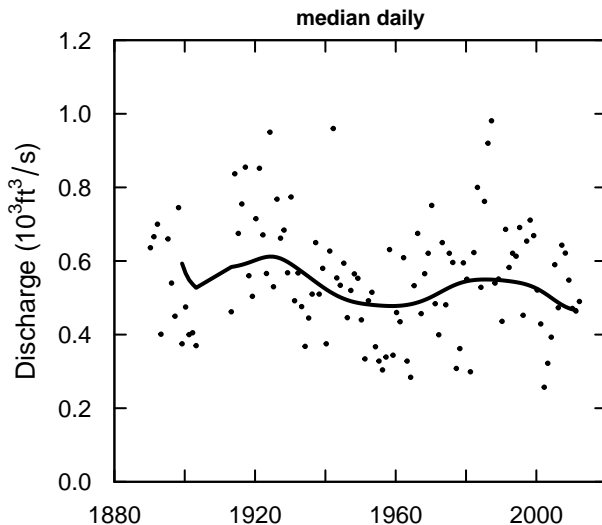
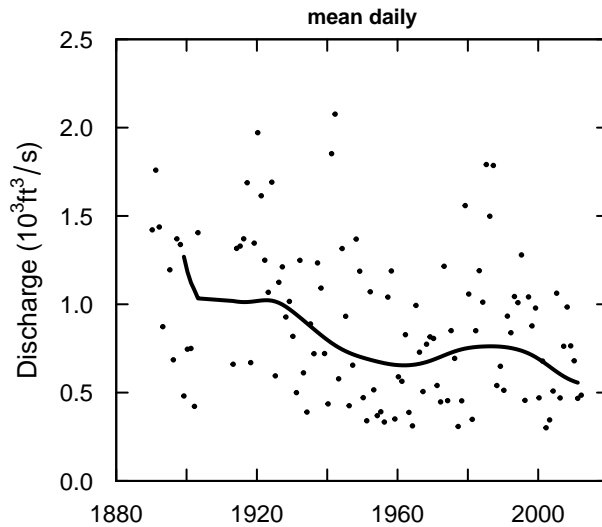
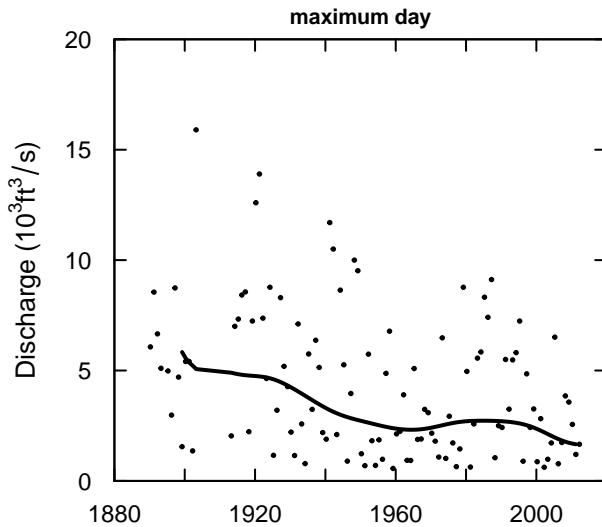
Rio Grande at Embudo, NM

Water Year

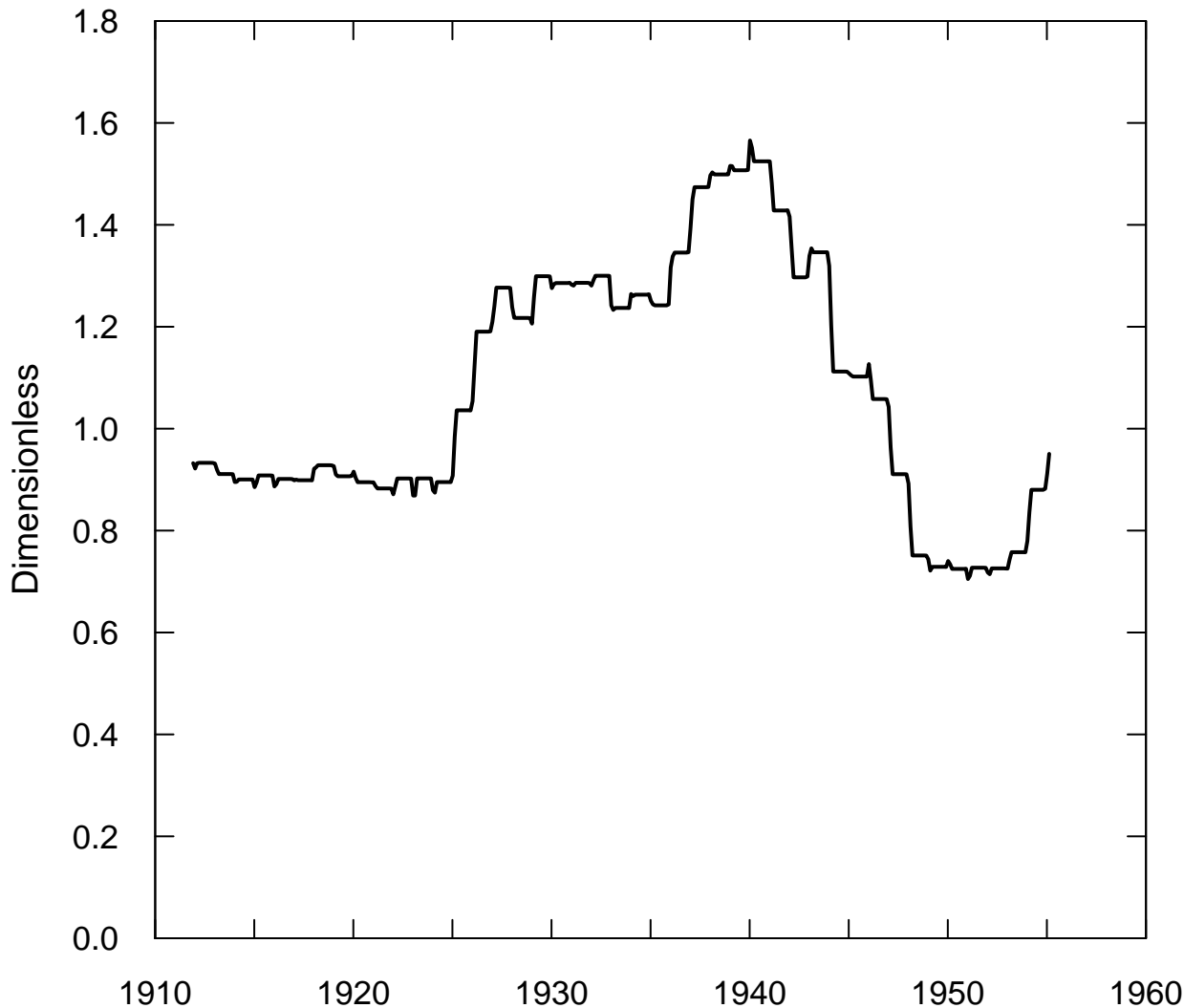


Rio Grande at Embudo, NM

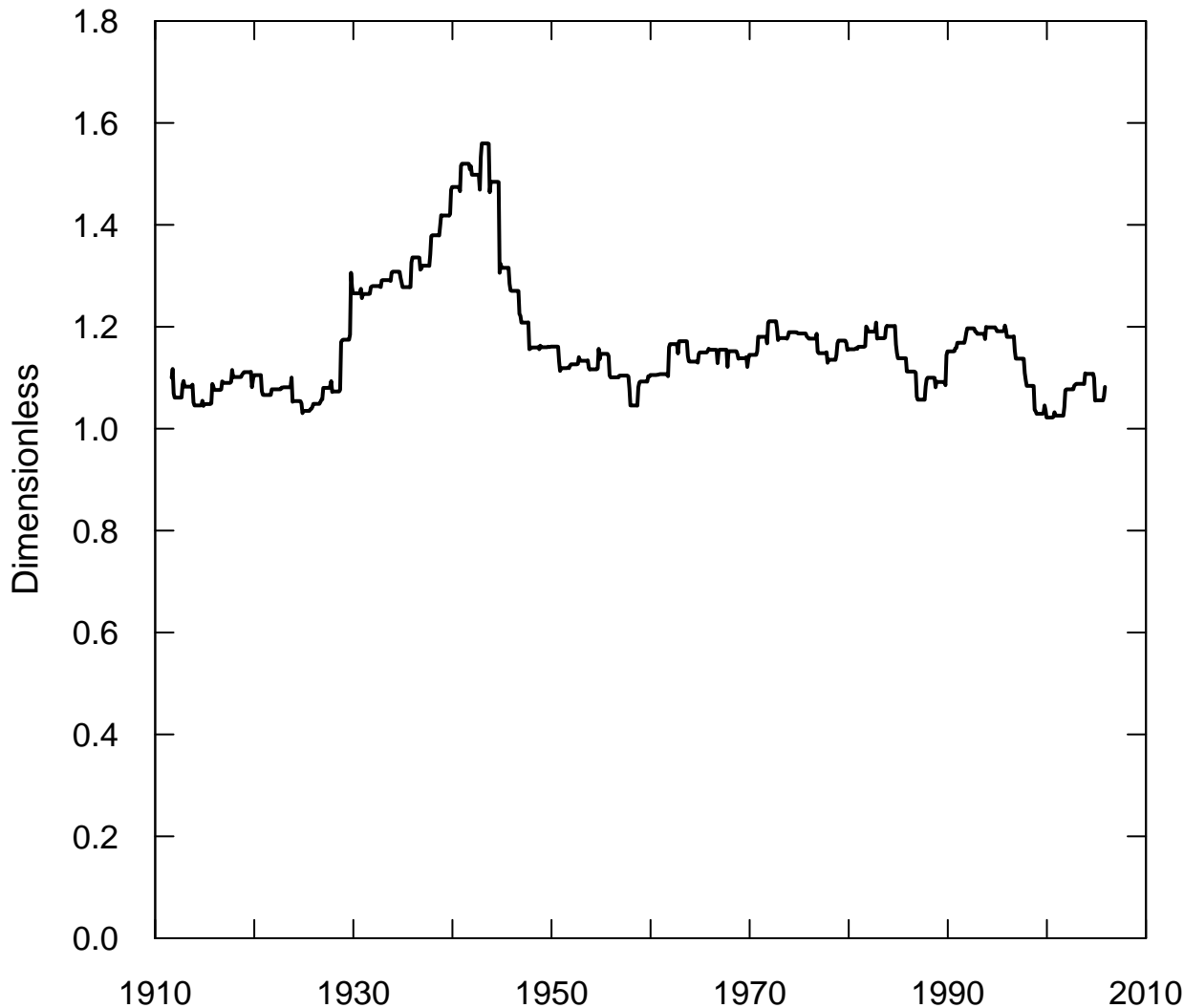
Water Year



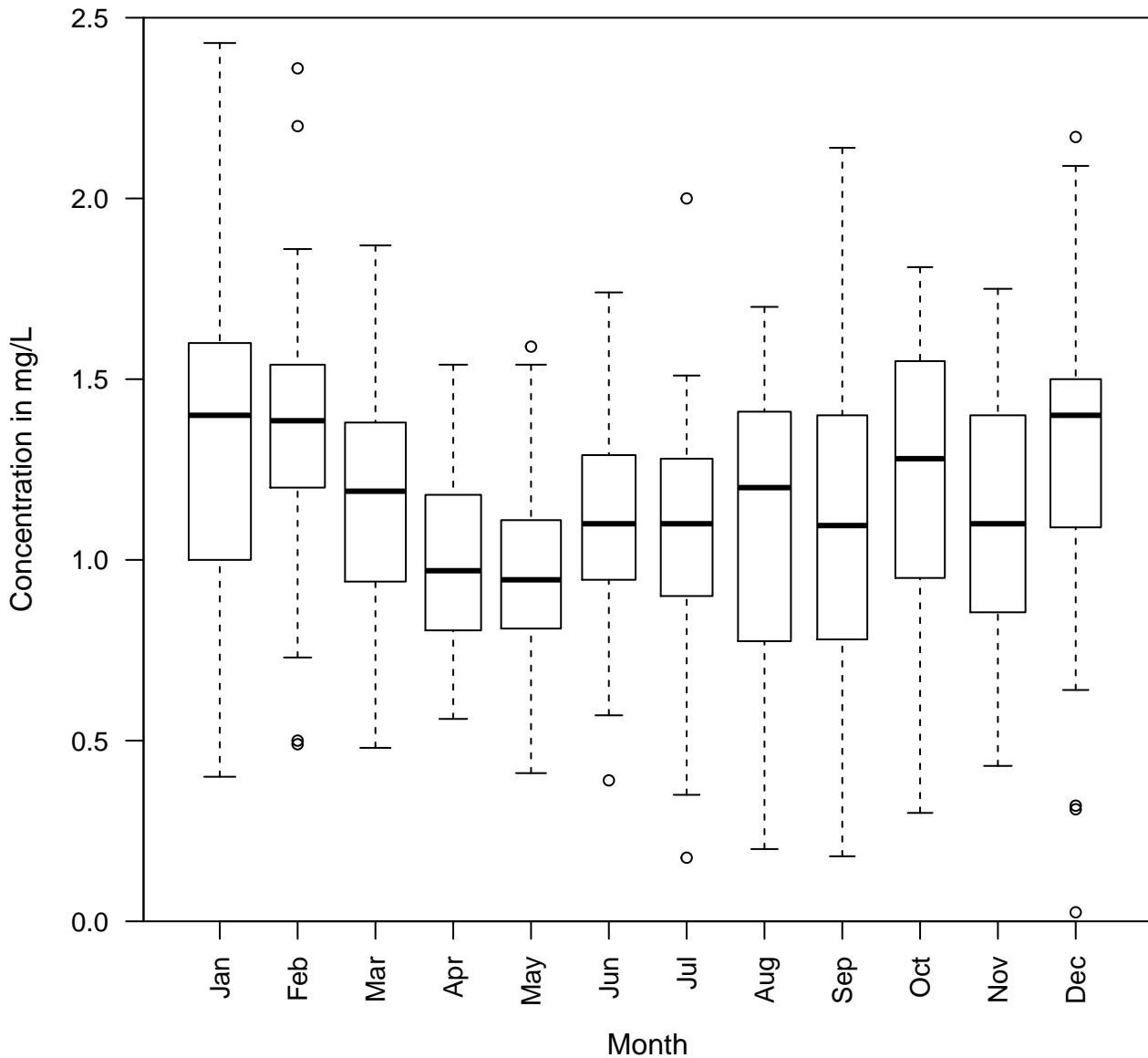
Season Consisting of Jun Jul Aug
Discharge variability: Standard Deviation of Log(Q)



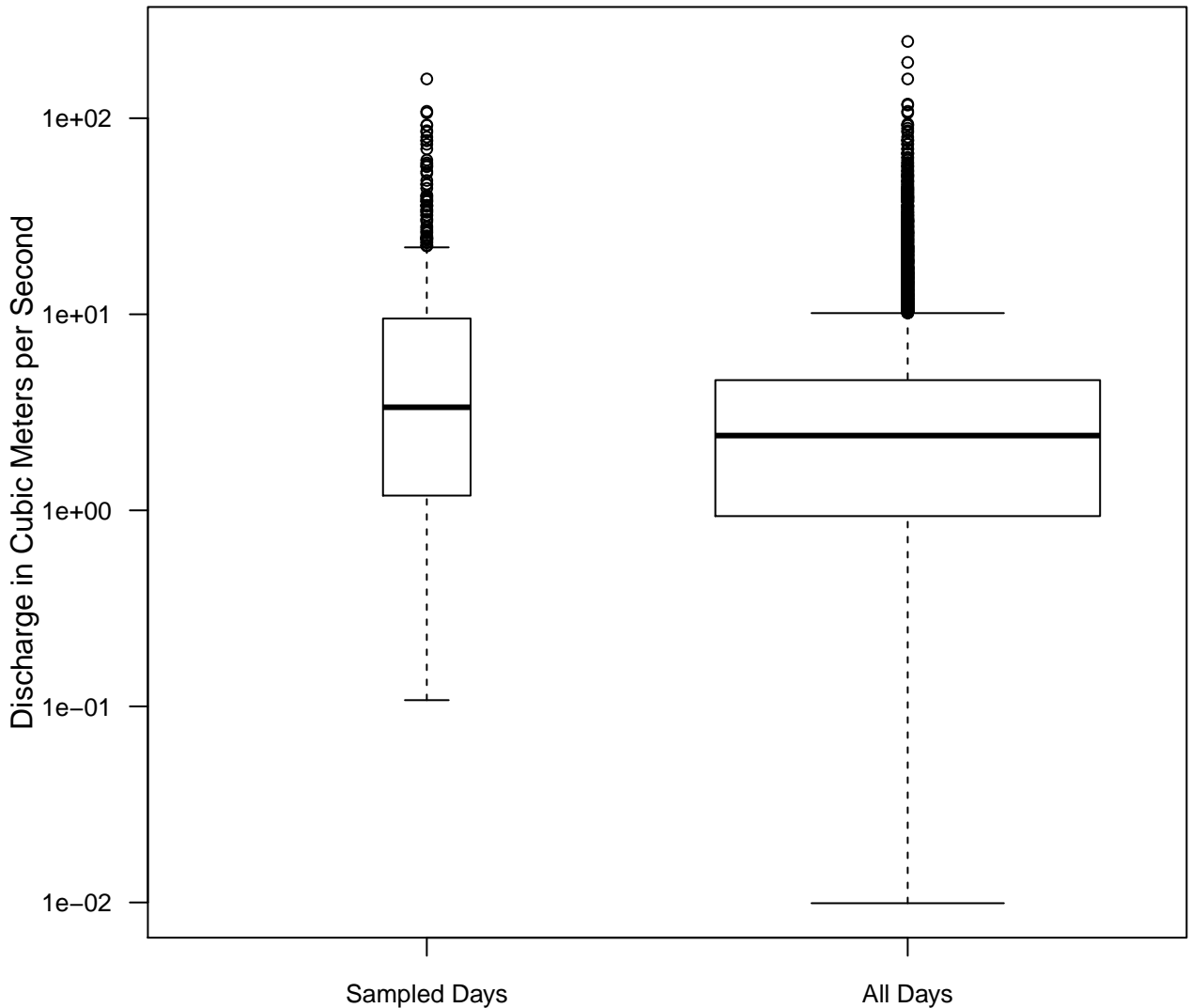
Rio Grande at Embudo, NM
Season Consisting of Mar Apr May
Discharge variability: Standard Deviation of Log(Q)



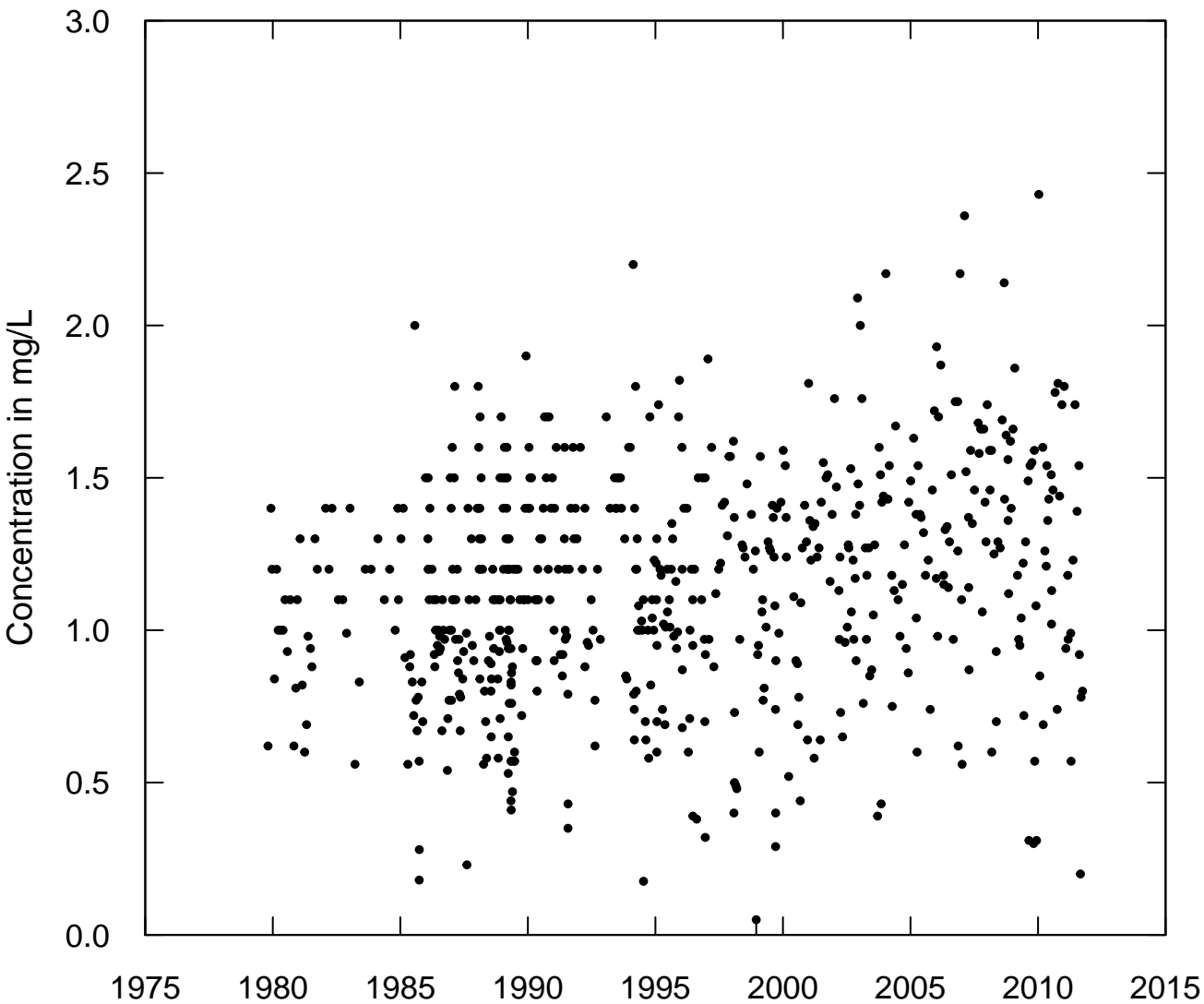
Choptank River
Inorganic nitrogen (nitrate and nitrite)
Boxplots of sample values by month



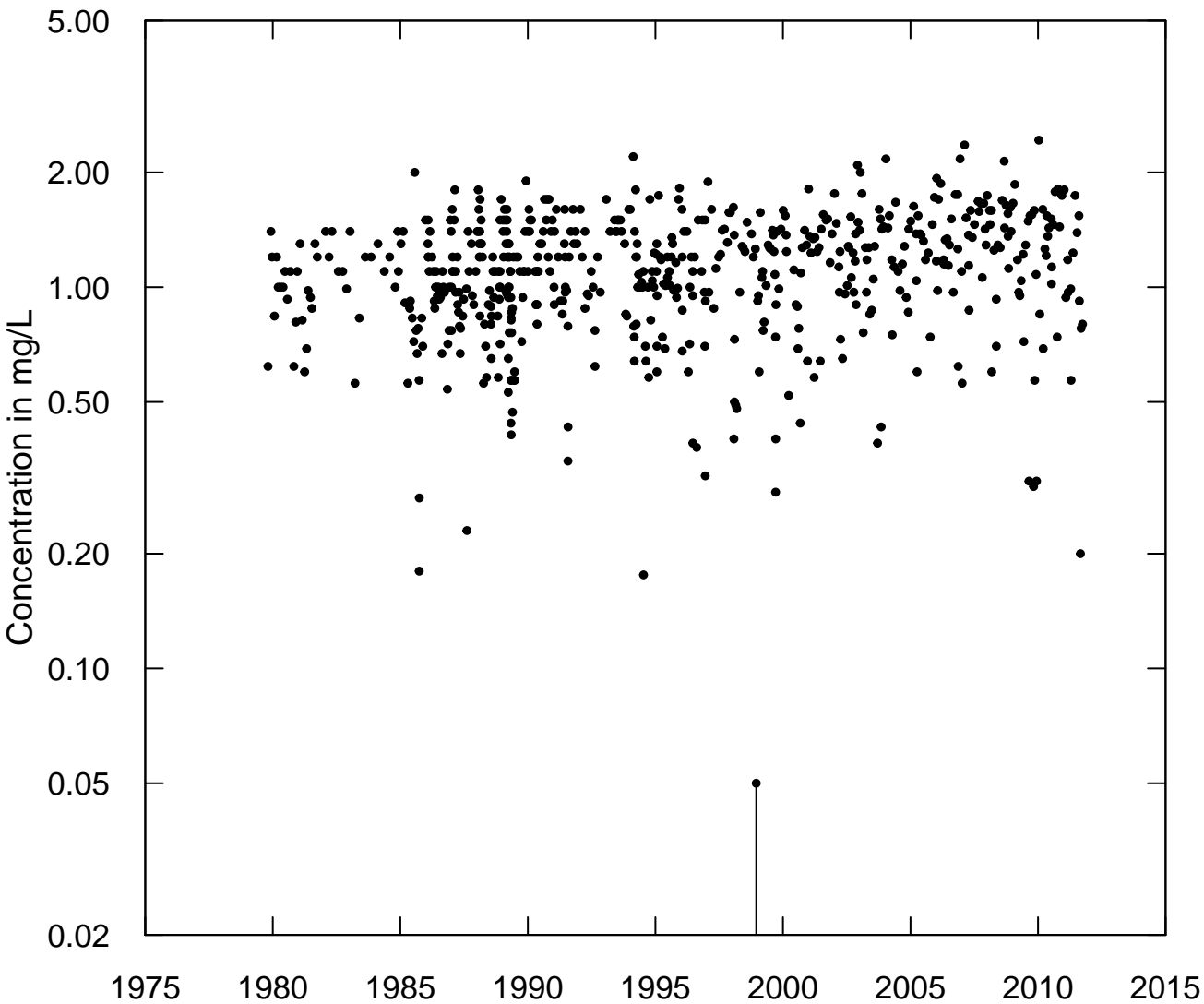
Choptank River , Inorganic nitrogen (nitrate and nitrite)
Comparison of distribution of
Sampled Discharges and All Daily Discharges



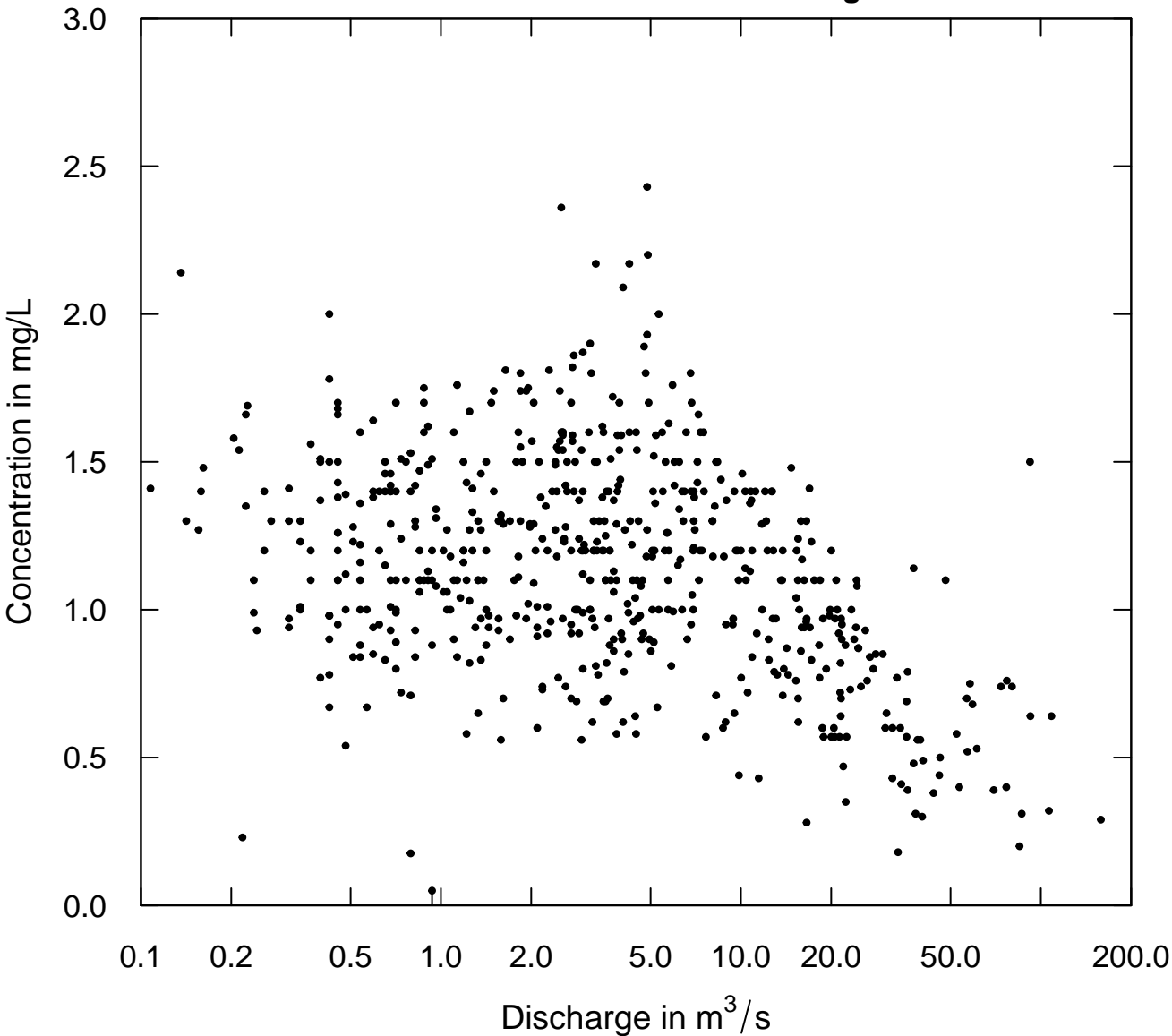
Choptank River , Inorganic nitrogen (nitrate and nitrite)



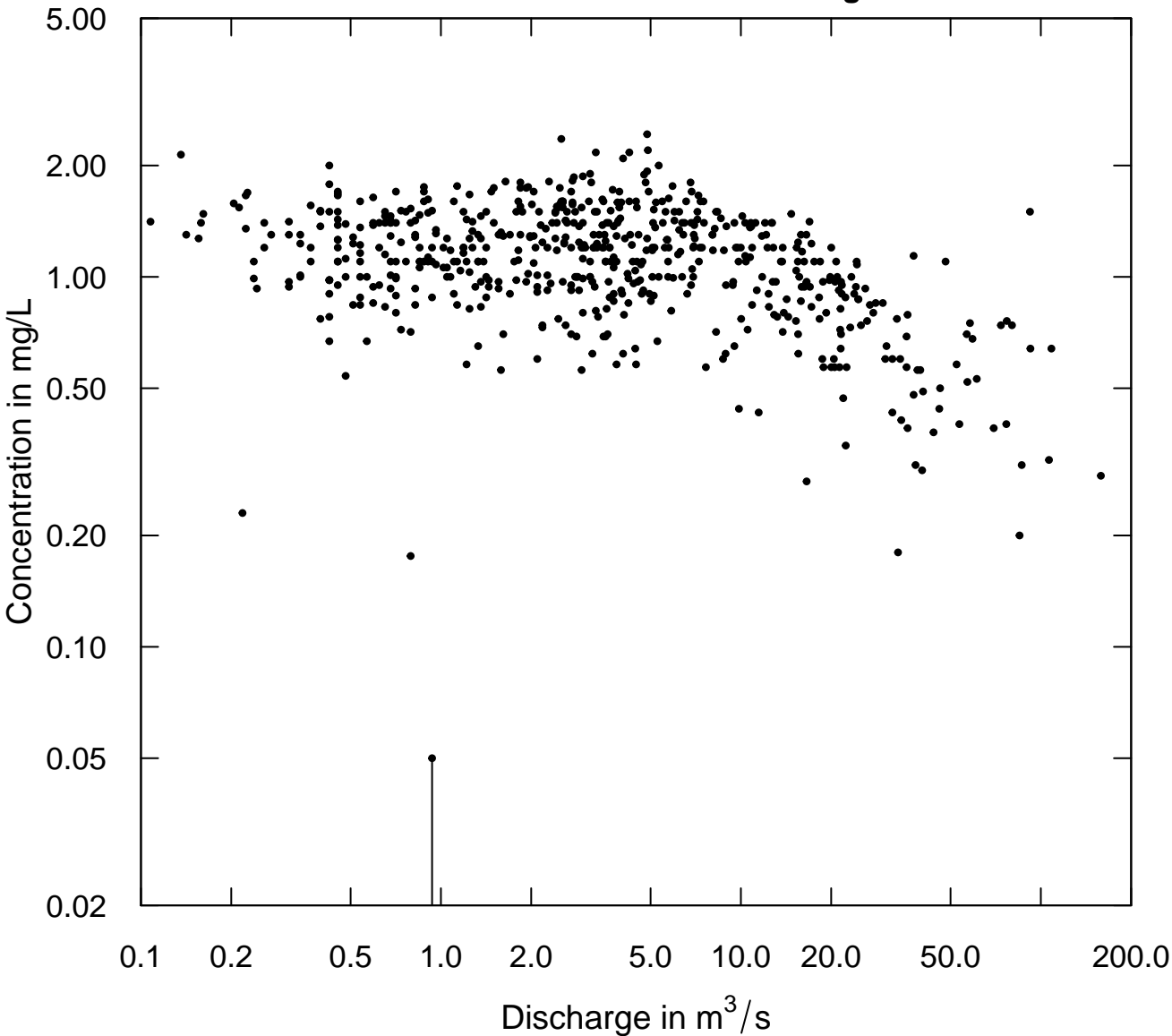
Choptank River , Inorganic nitrogen (nitrate and nitrite)



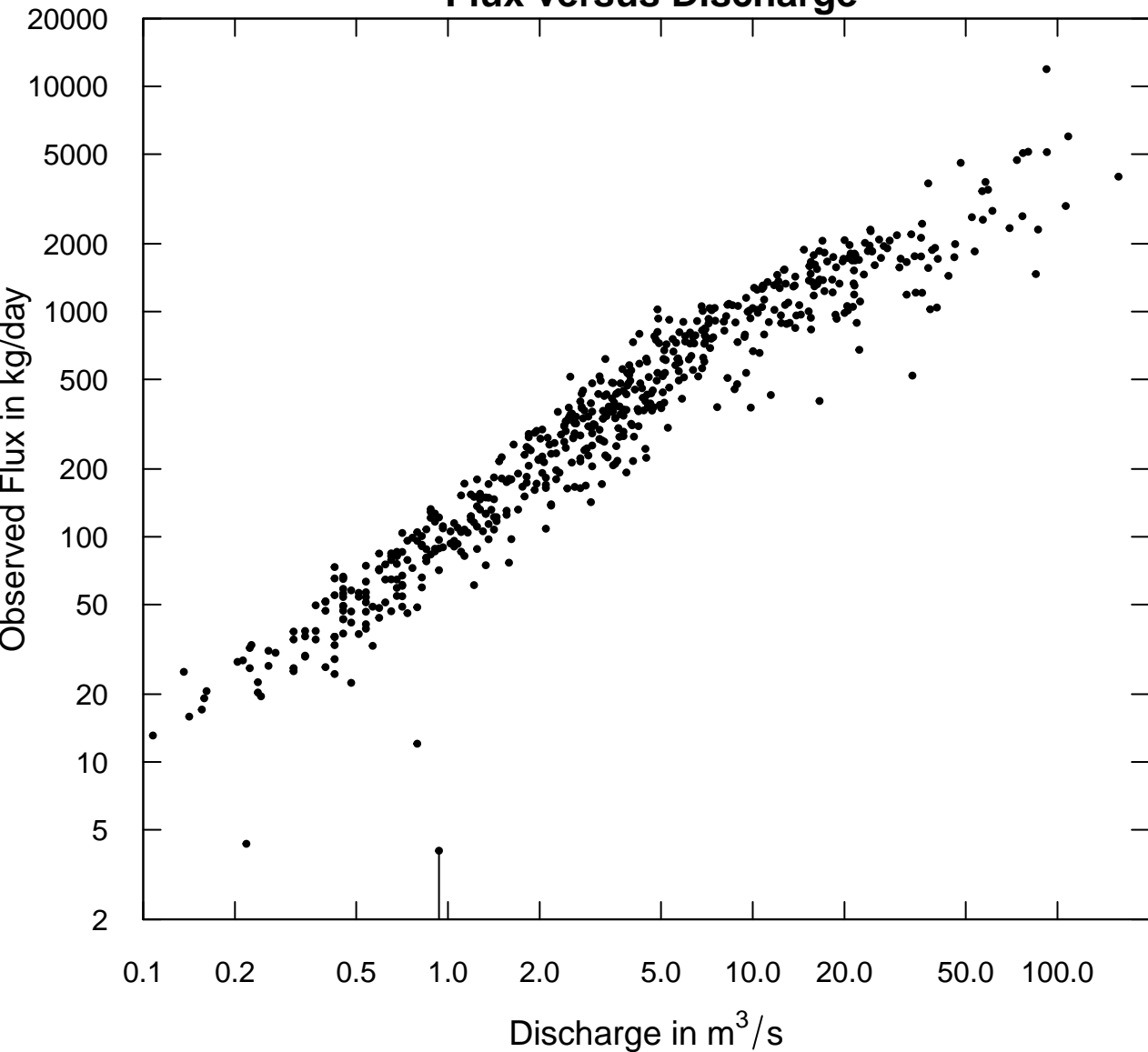
Choptank River
Inorganic nitrogen (nitrate and nitrite)
Concentration versus Discharge



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

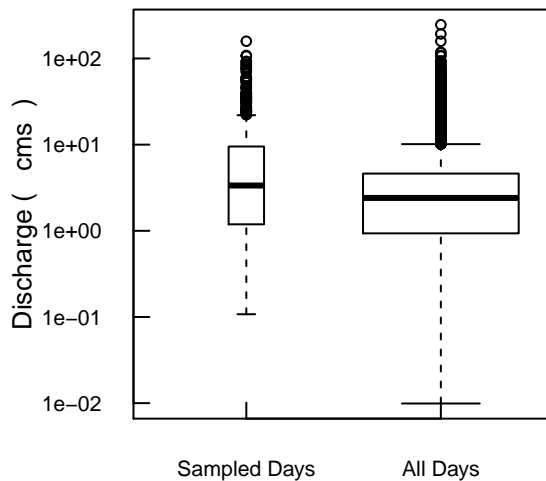
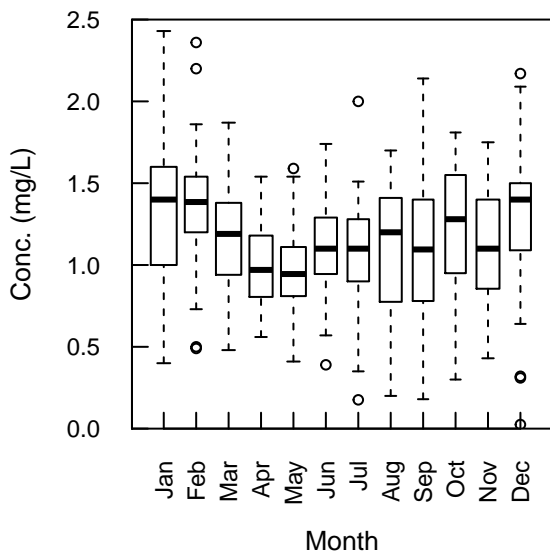
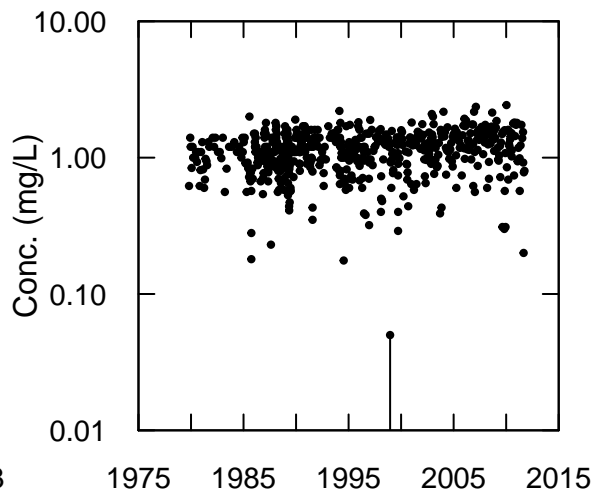
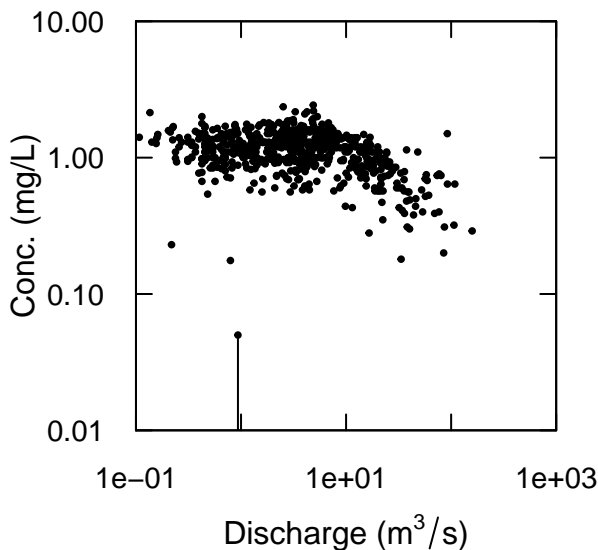


Choptank River
Inorganic nitrogen (nitrate and nitrite)
Flux versus Discharge

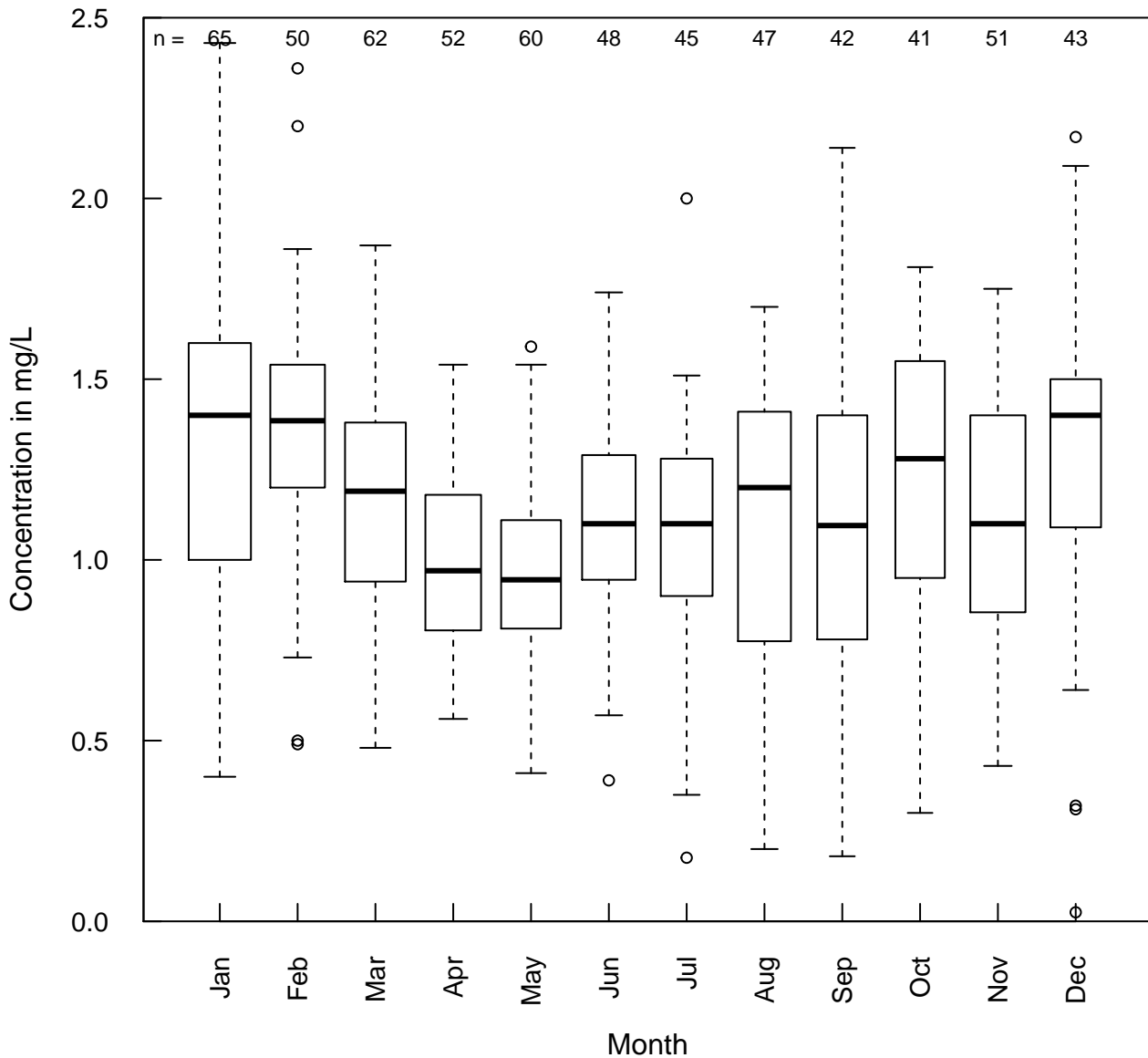


Choptank River

Inorganic nitrogen (nitrate and nitrite)



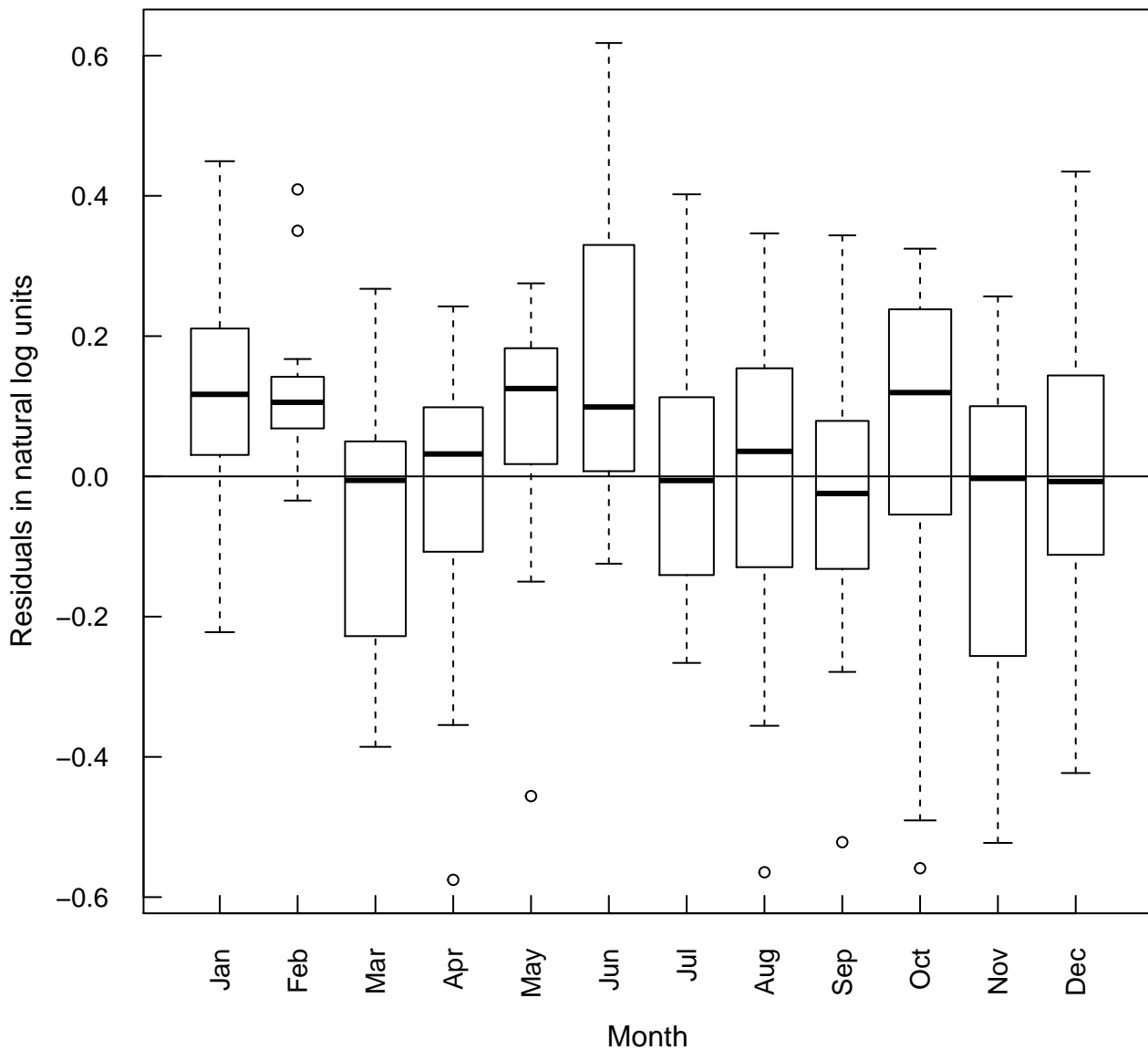
Choptank River
Inorganic nitrogen (nitrate and nitrite)
Boxplots of sample values by month



Choptank River near Greensboro, MD

Nitrate as N

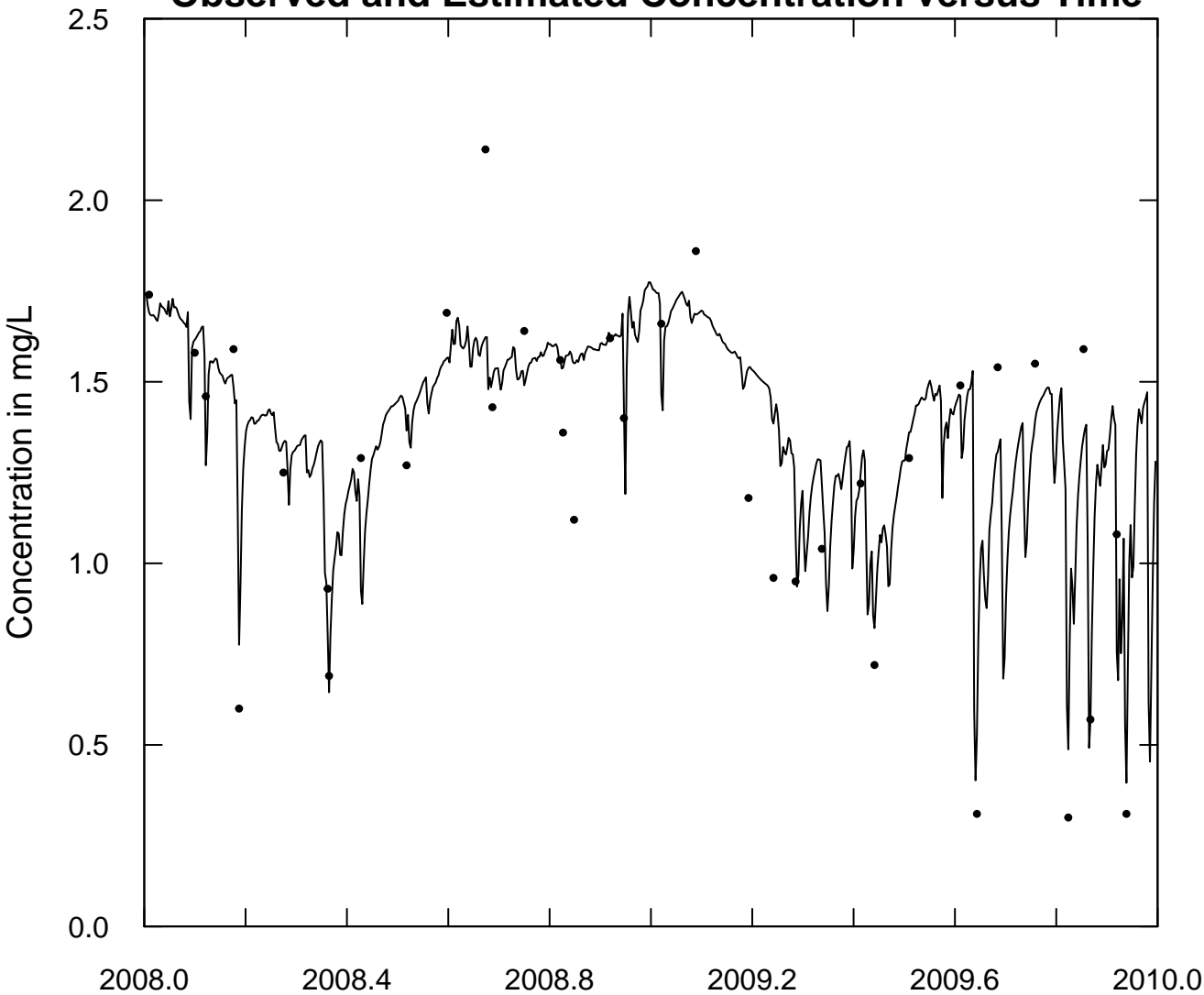
Boxplots of residuals by month



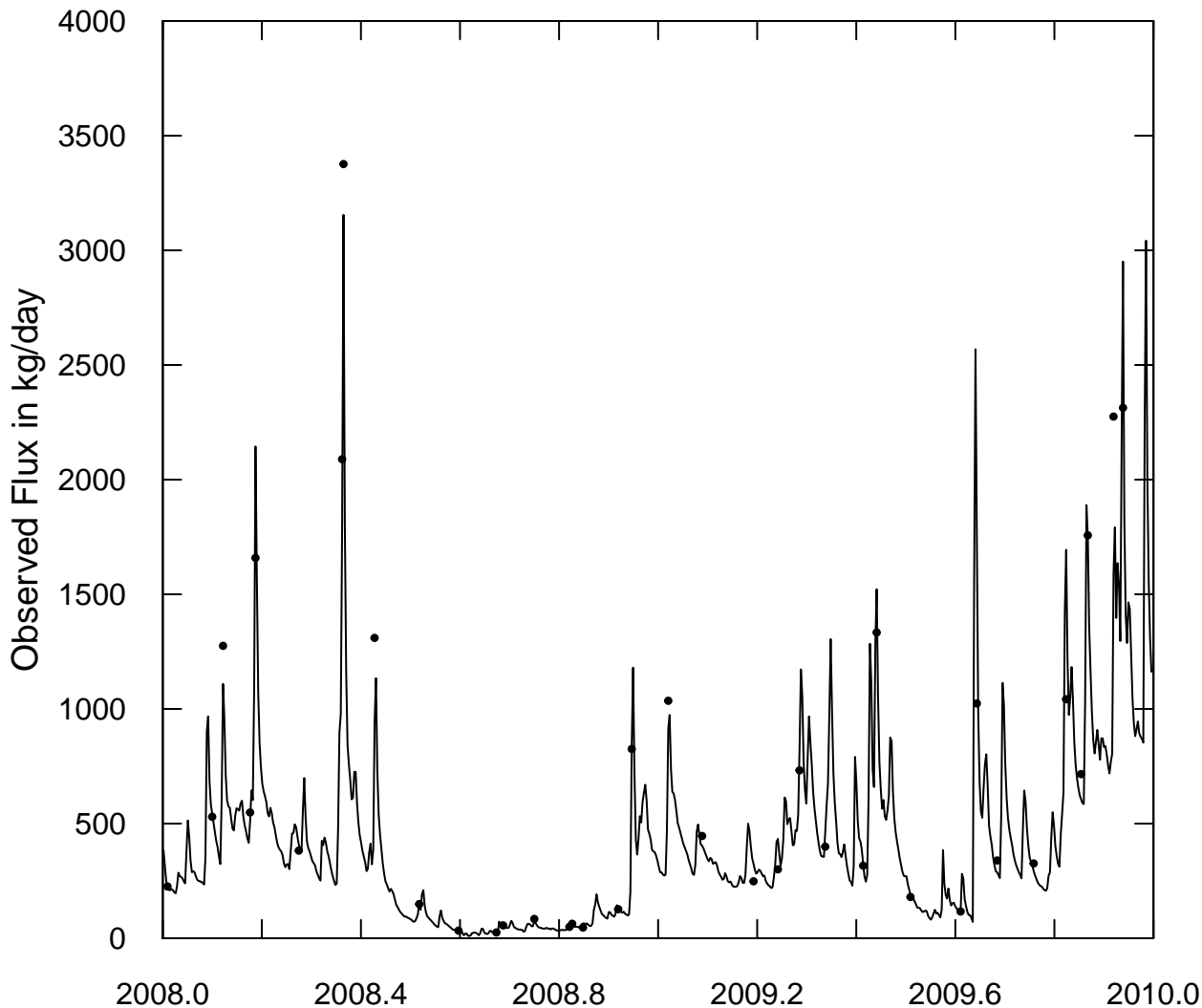
Choptank River near Greensboro, MD

Nitrate as N

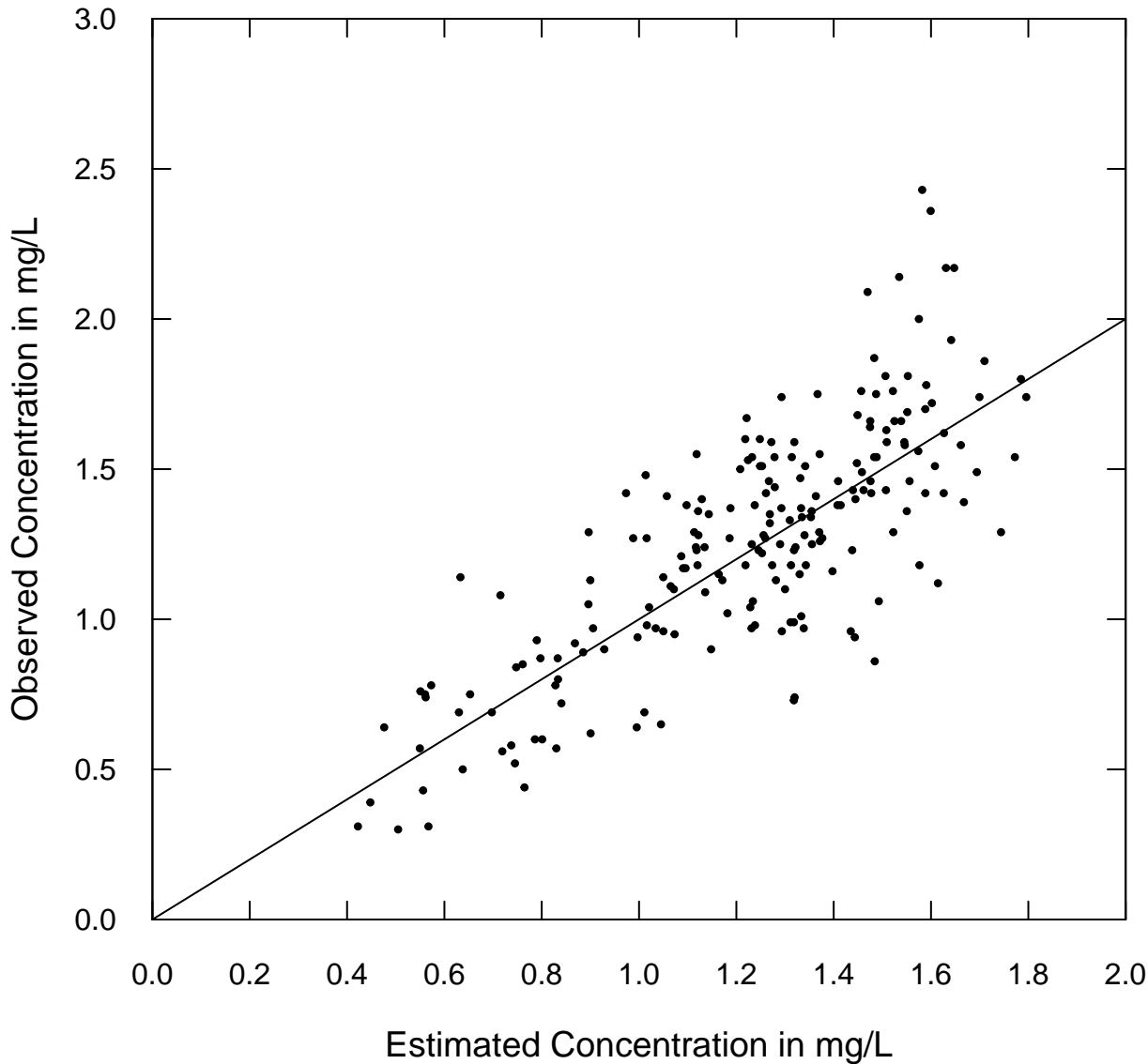
Observed and Estimated Concentration versus Time



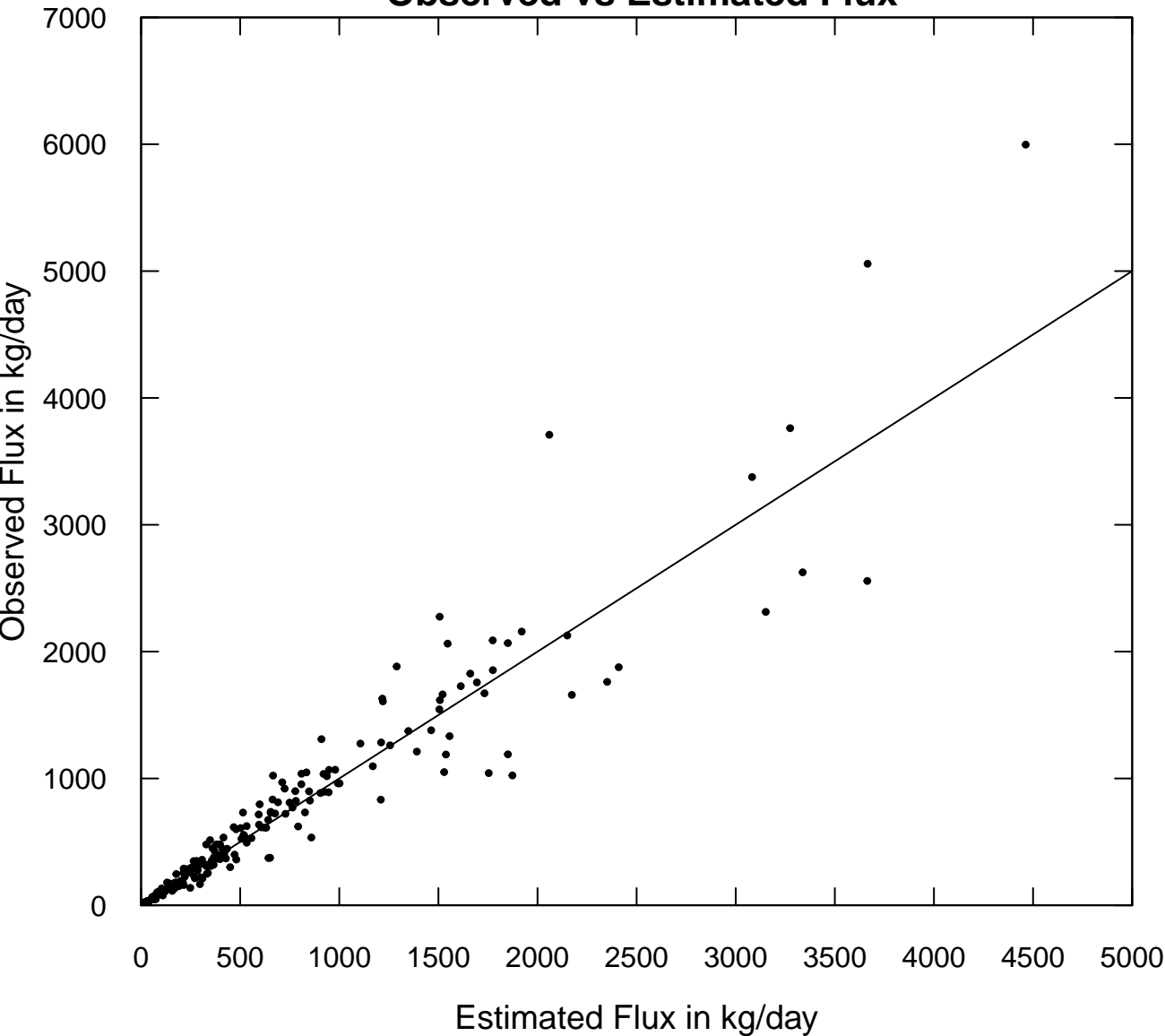
Choptank River near Greensboro, MD
Nitrate as N
Observed and Estimated Flux versus Time



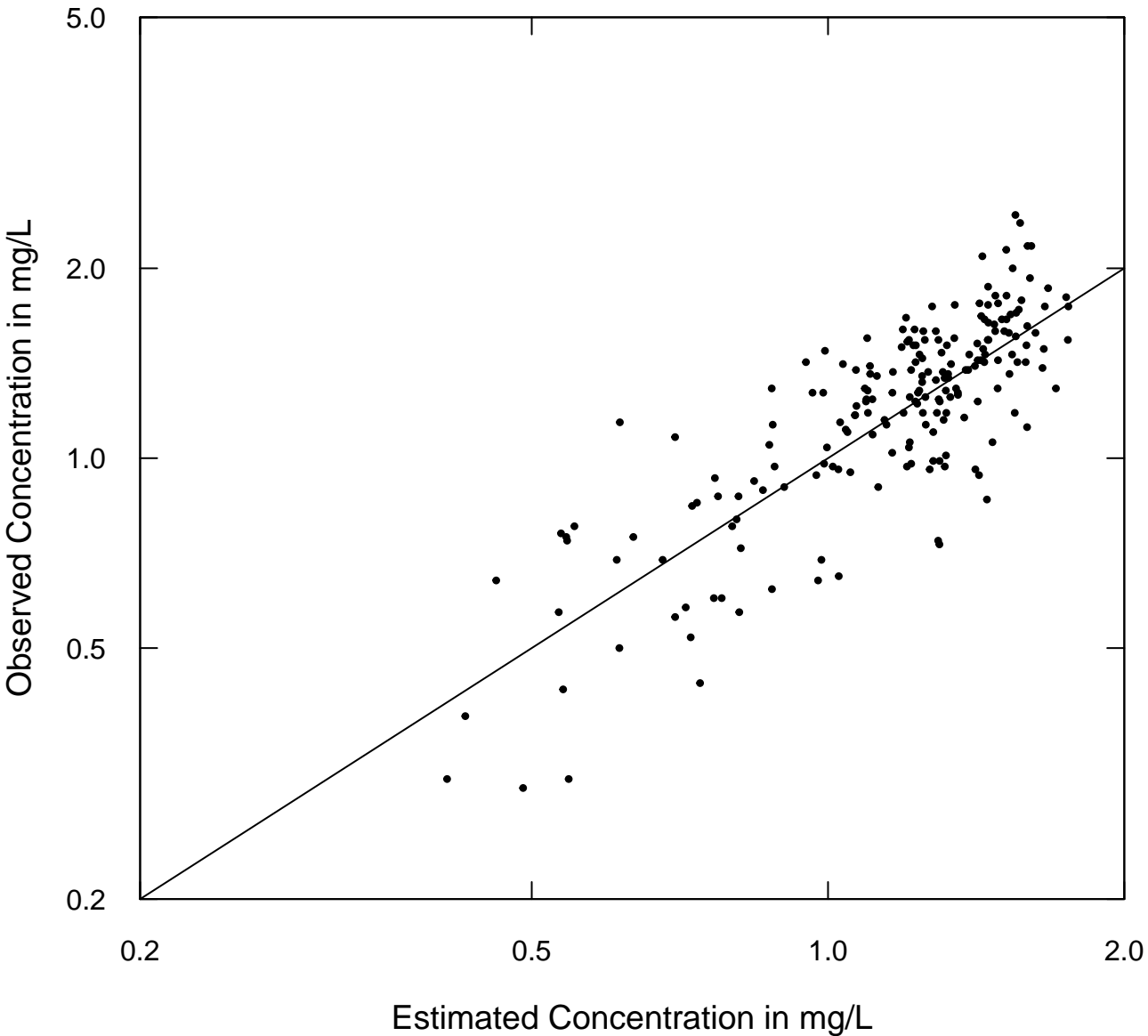
Choptank River near Greensboro, MD
Nitrate as N
Observed versus Estimated Concentration



Choptank River near Greensboro, MD
Nitrate as N
Observed vs Estimated Flux



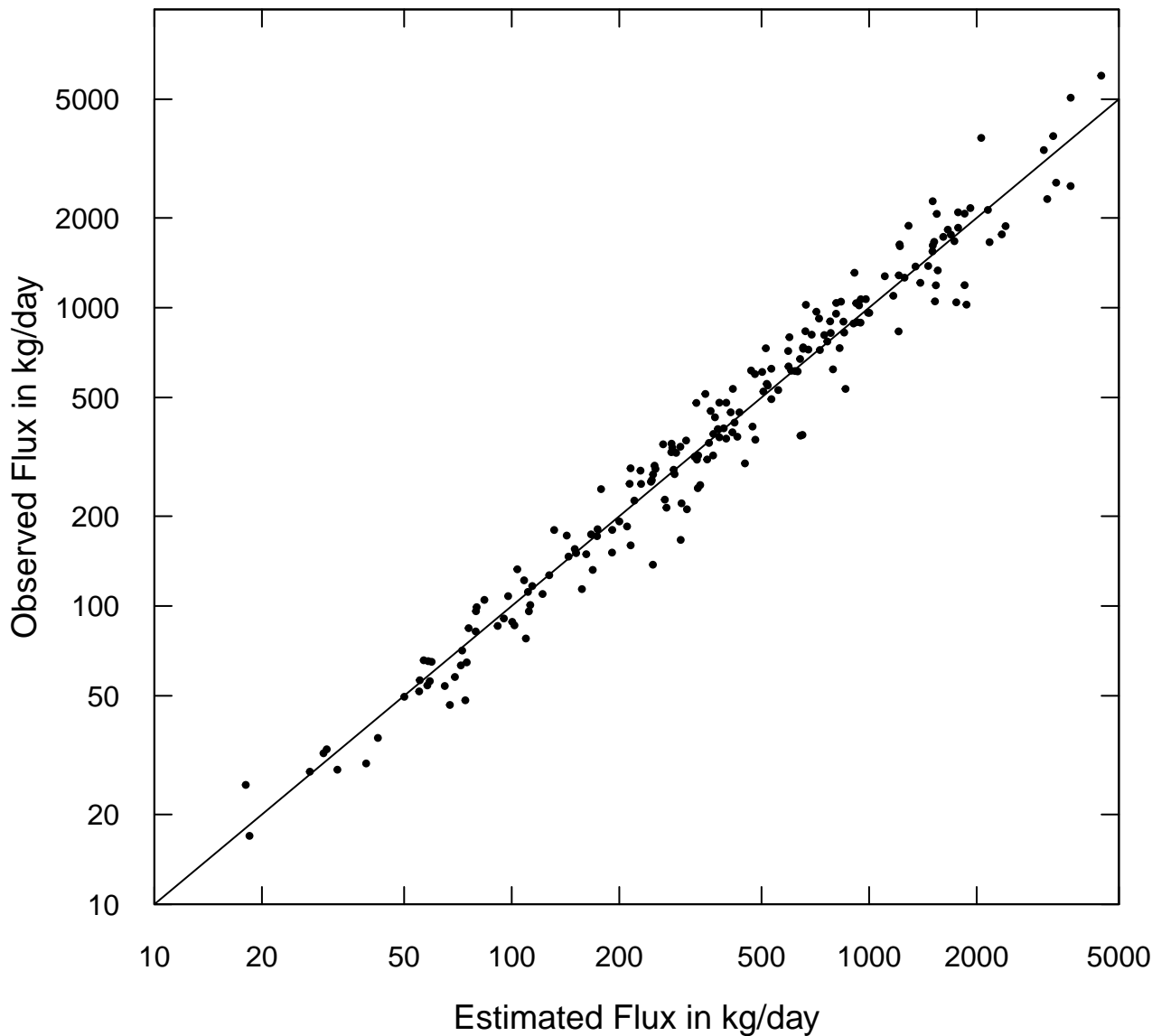
Choptank River near Greensboro, MD
Nitrate as N
Observed versus Estimated Concentration



Choptank River near Greensboro, MD

Nitrate as N

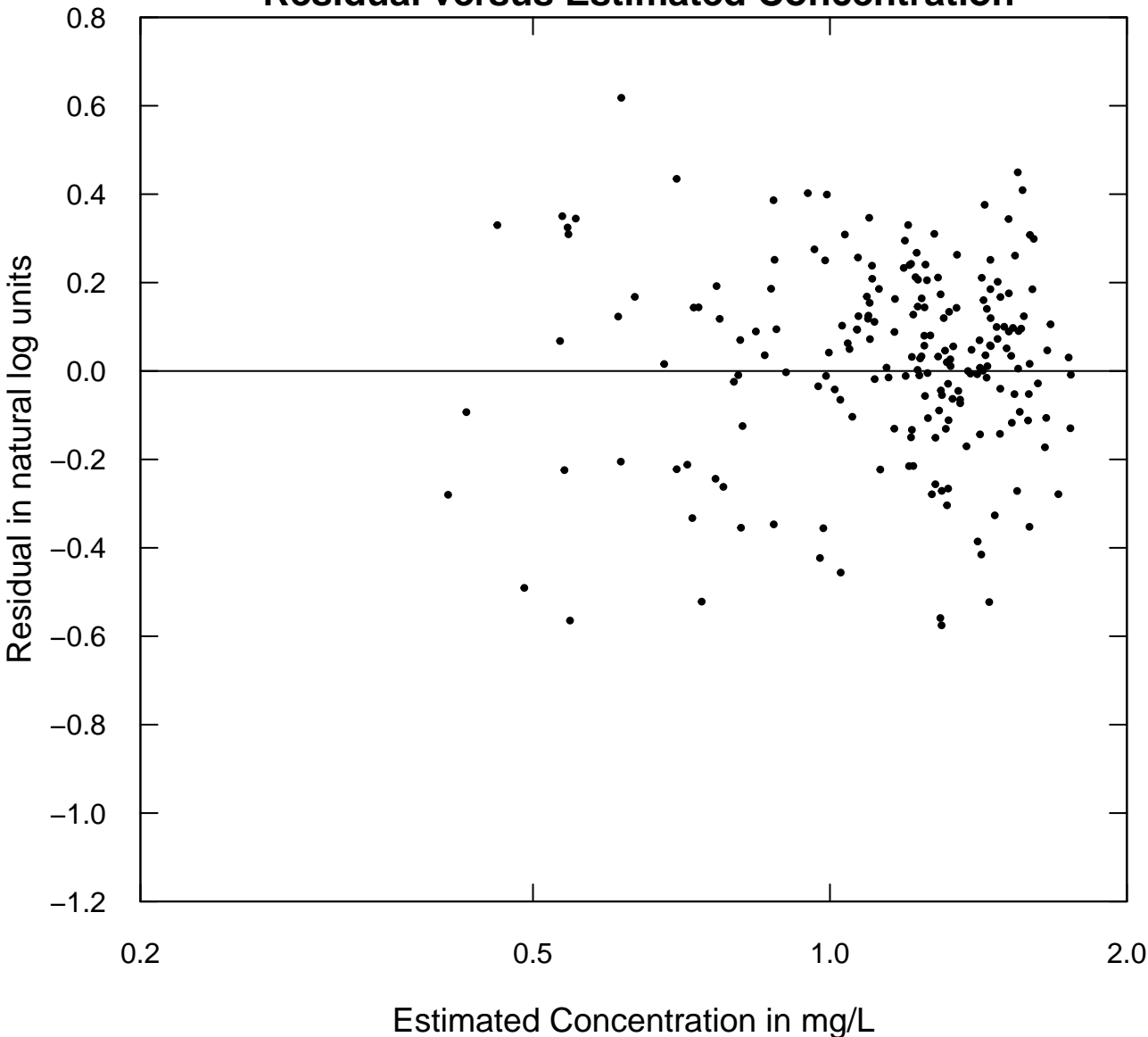
Observed vs Predicted Flux



Choptank River near Greensboro, MD

Nitrate as N

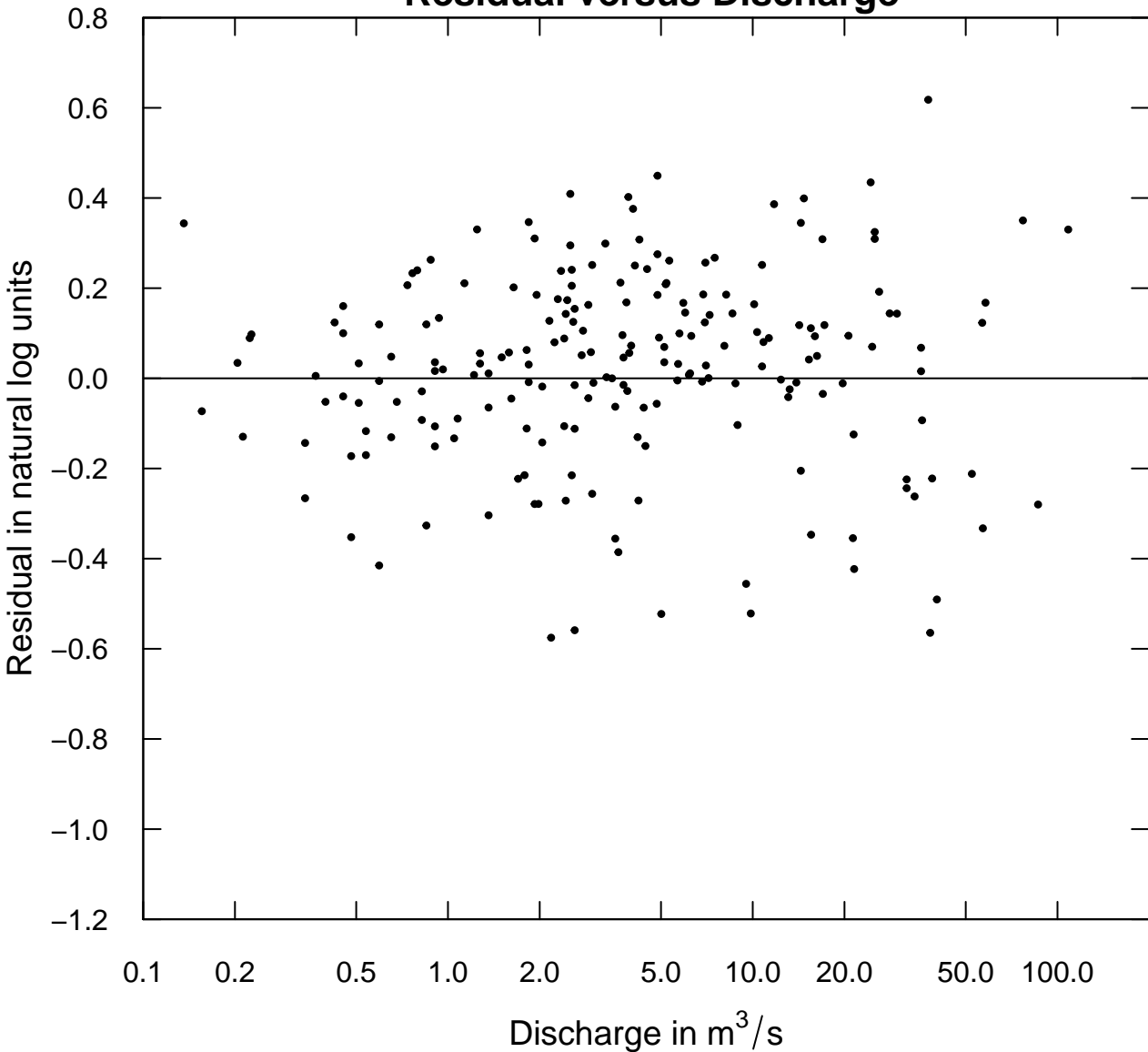
Residual versus Estimated Concentration



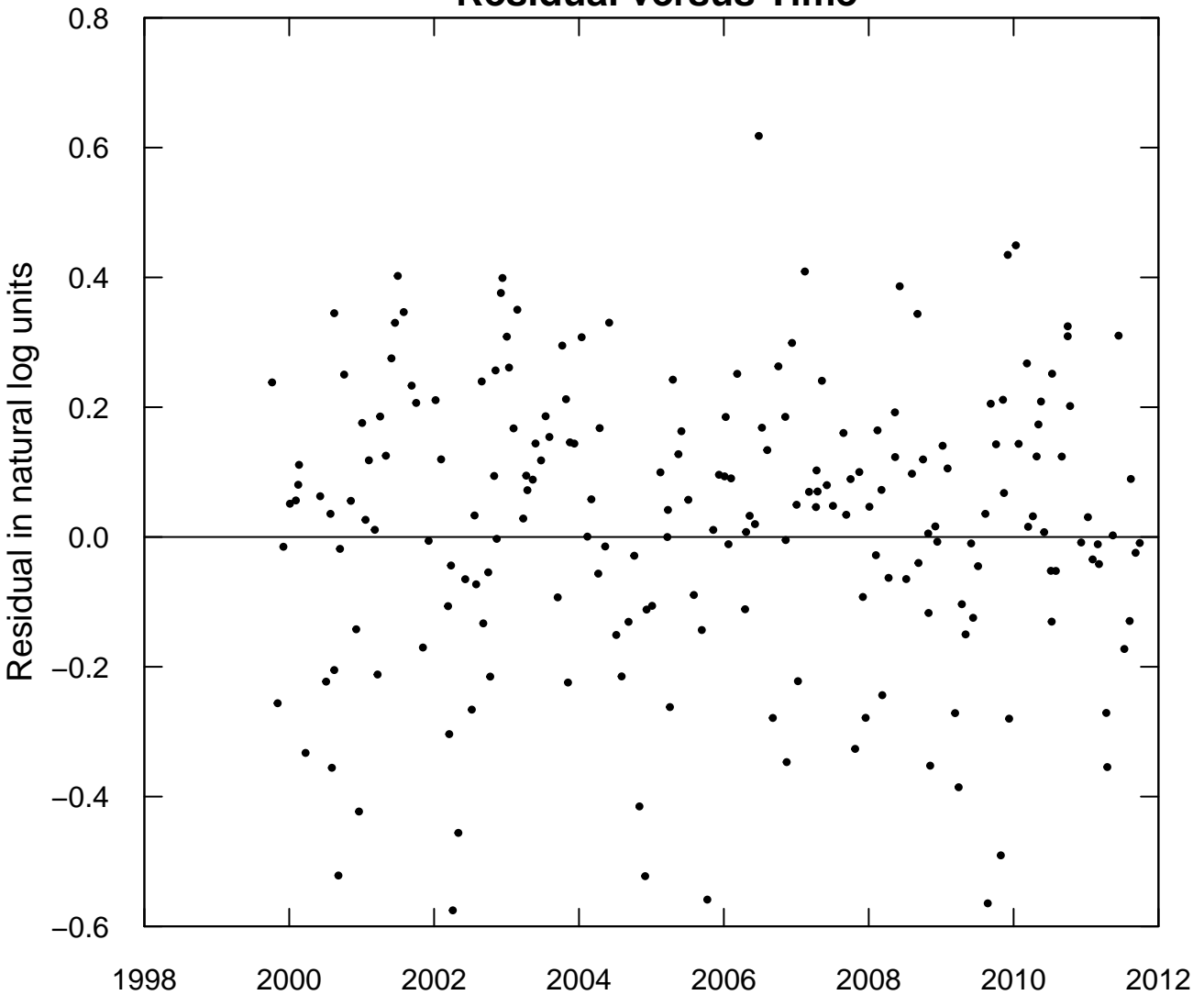
Choptank River near Greensboro, MD

Nitrate as N

Residual versus Discharge

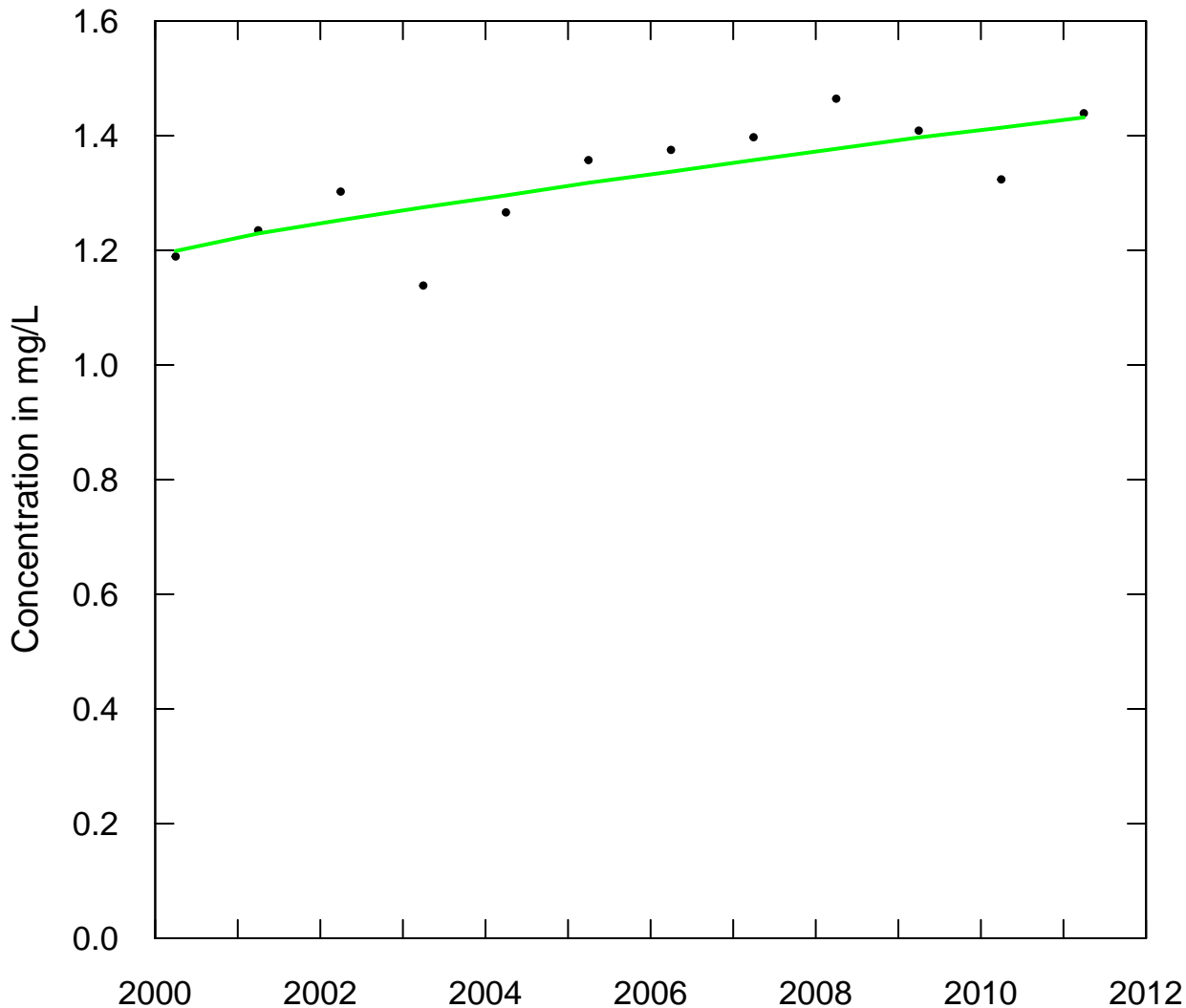


Choptank River near Greensboro, MD
Nitrate as N
Residual versus Time

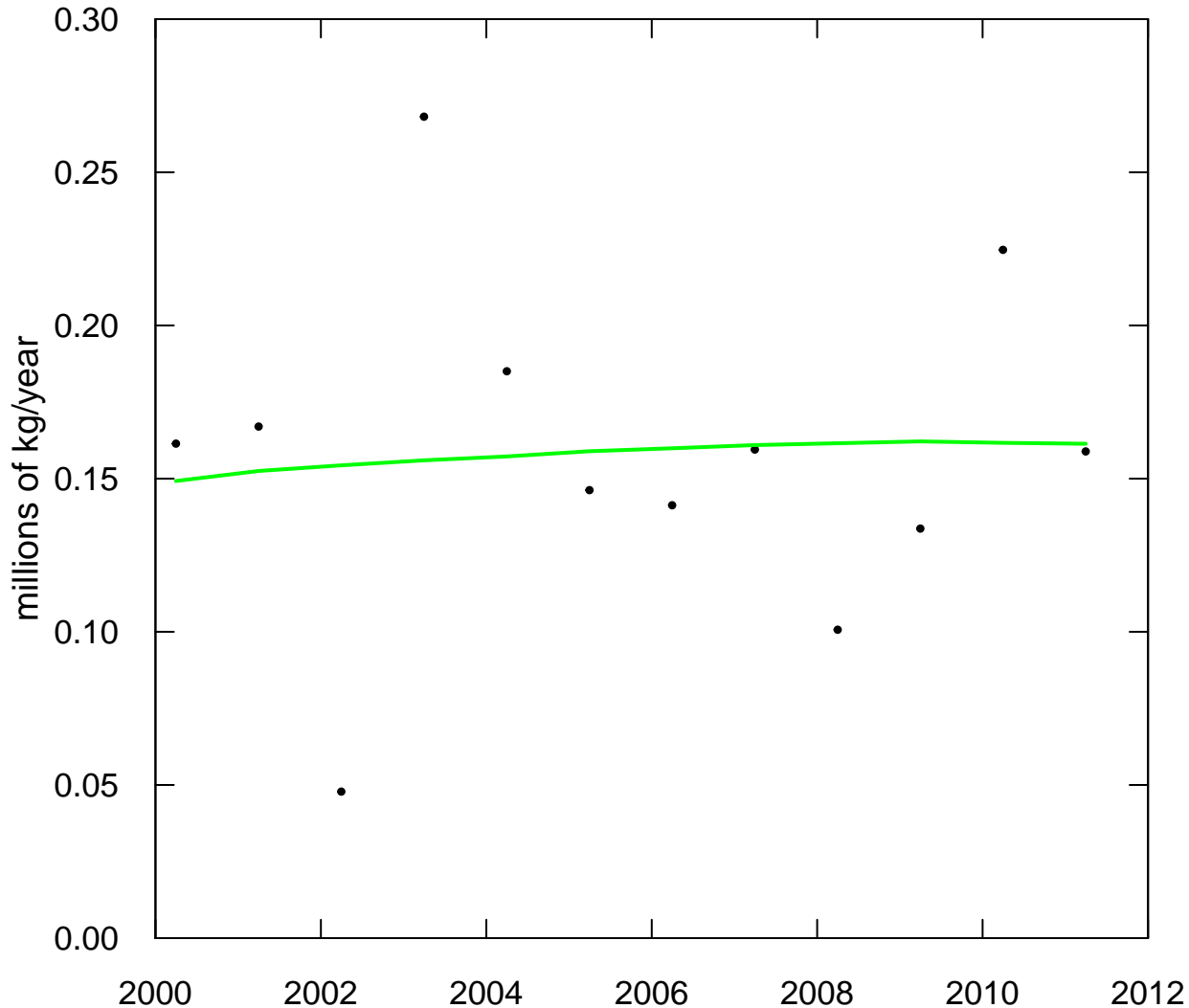


Choptank River near Greensboro, MD Nitrate as N
Water Year

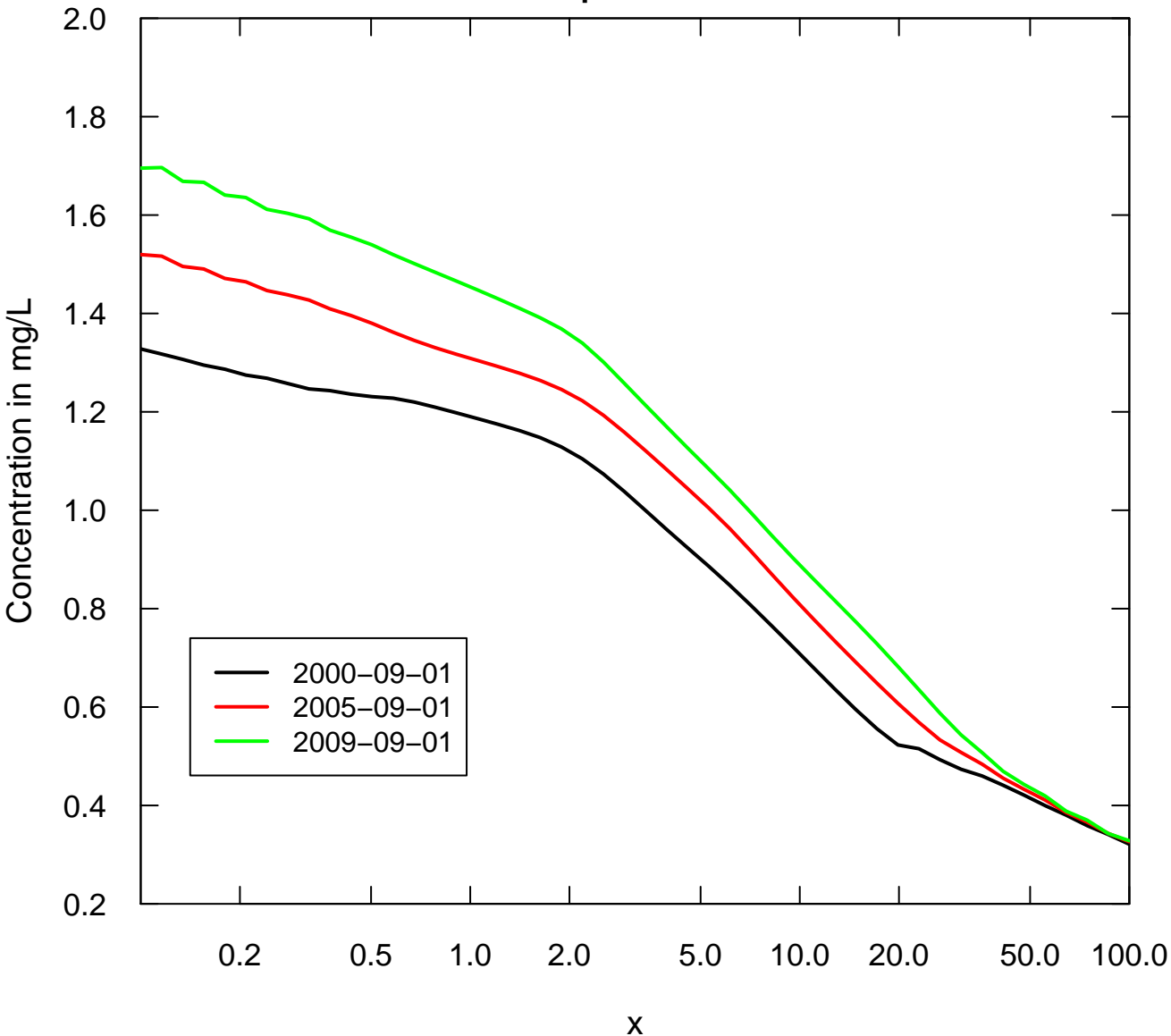
Mean Concentration (dots) & Flow Normalized Concentration (line)



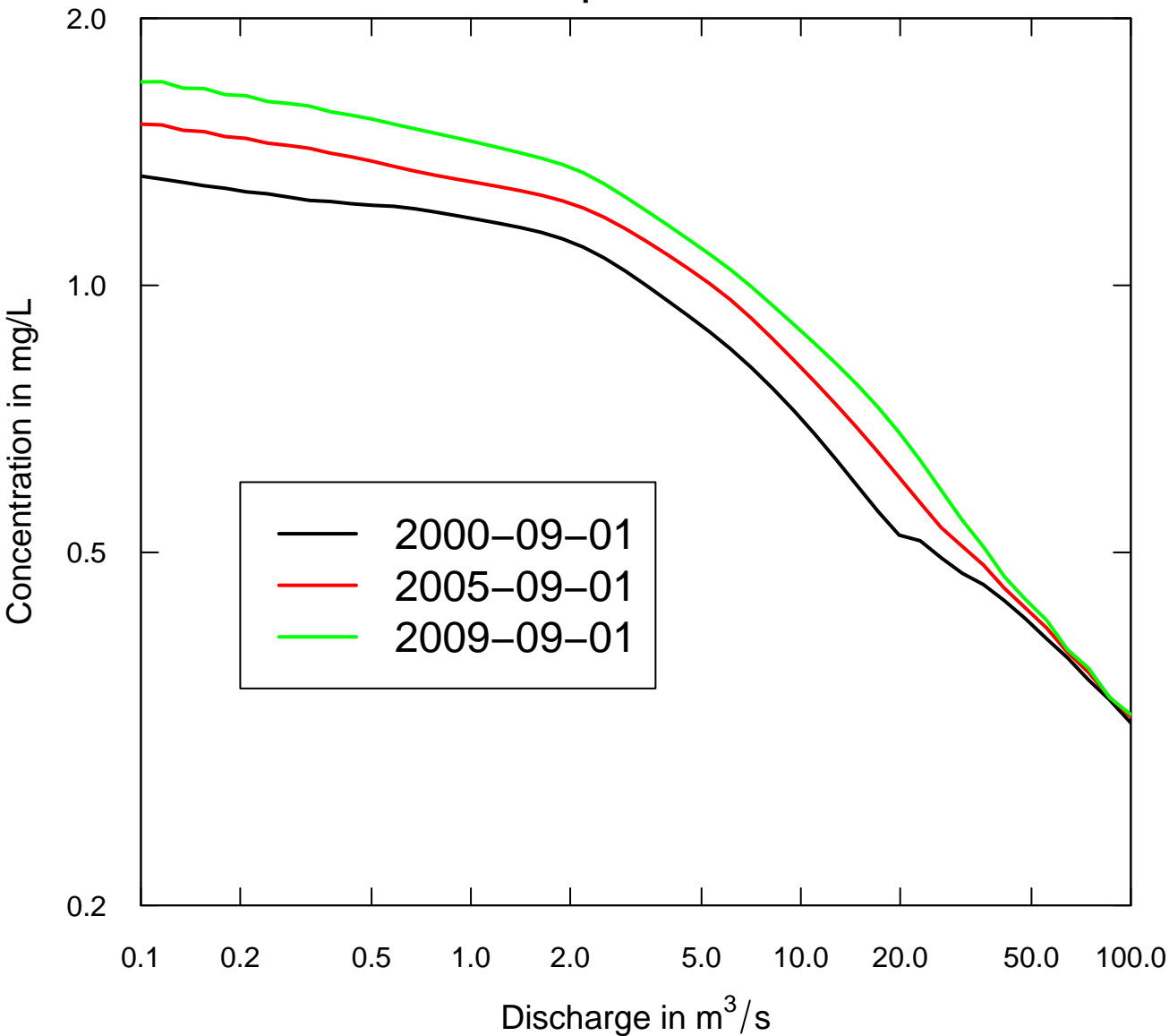
Choptank River near Greensboro, MD Nitrate as N
Water Year
Flux Estimates (dots) & Flow Normalized Flux (line)



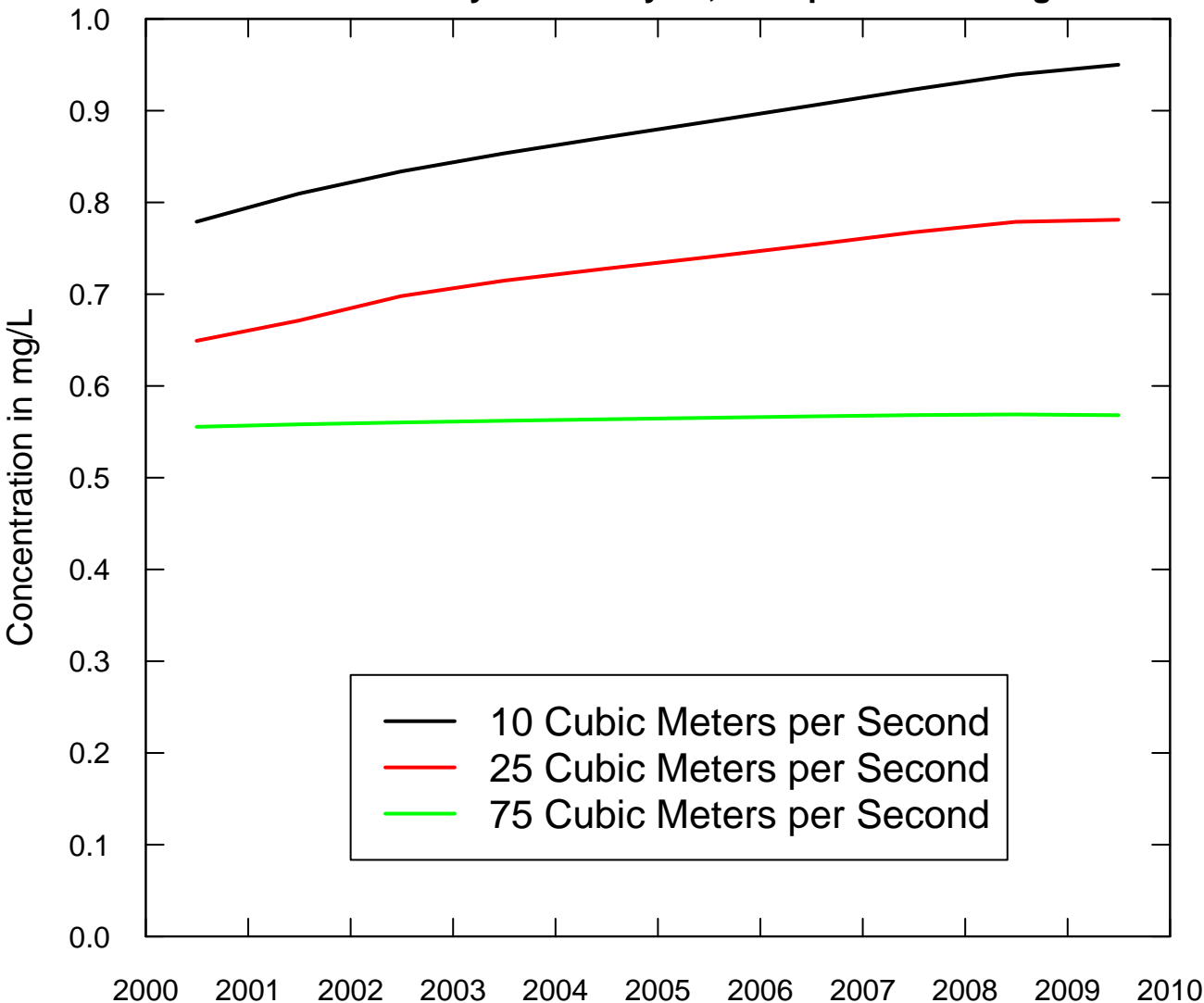
Choptank River near Greensboro, MD Nitrate as N
Estimated Concentration Versus Discharge Relationship
at 3 specific dates



Choptank River near Greensboro, MD Nitrate as N
Estimated Concentration Versus Discharge Relationship
at 3 specific dates

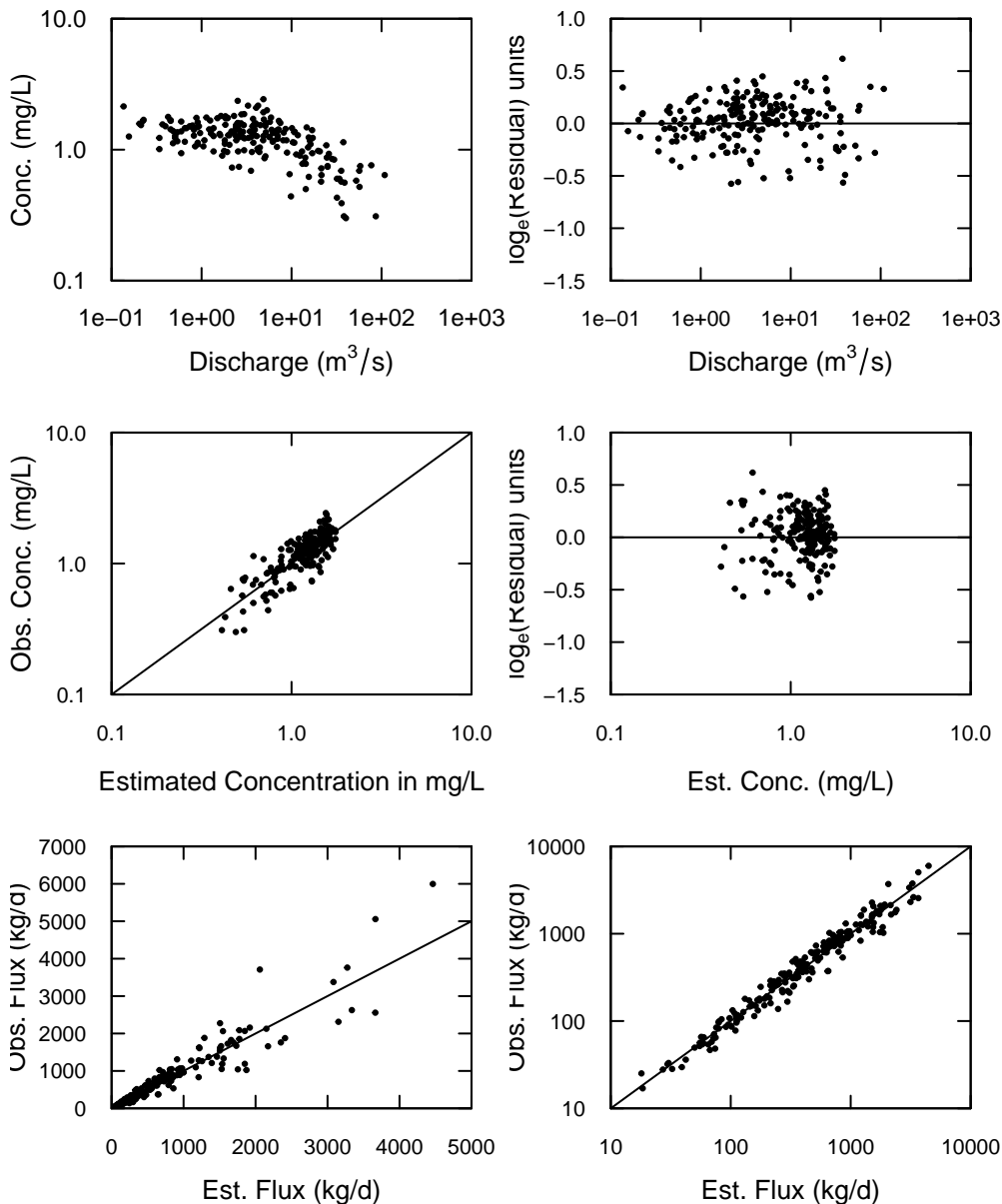


Choptank River near Greensboro, MD Nitrate as N
Estimated Concentration Versus Year
Centered on July 1 of each year, at 3 specific discharges



Choptank River near Greensboro, MD Nitrate as N

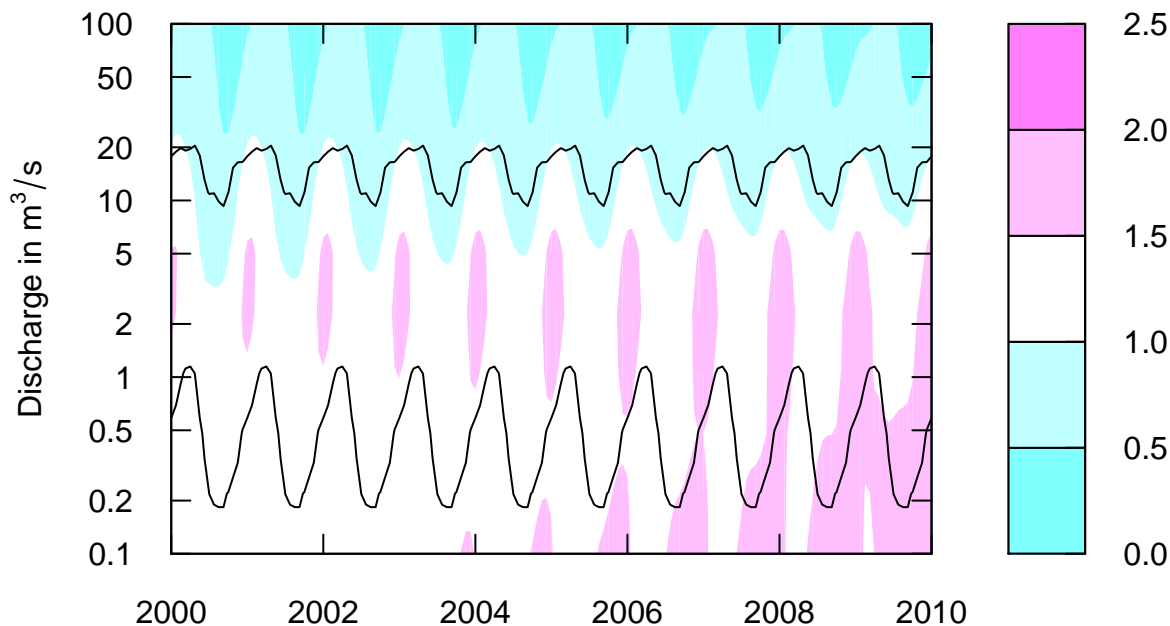
Flux Bias Statistic -0.03025 (-0.03025 , -0.03025)



Choptank River near Greensboro, MD Nitrate as N

Estimated Concentration Surface in Color

Black lines are 5 and 95 flow percentiles



Choptank River near Greensboro, MD Nitrate as N
Estimated Concentration change from 2000 to 2010
Black lines are 5 and 95 flow percentiles

