

*** Load Estimation ***

Station:

Constituent: Na_mg_L

Number of Observations: 305
Number of Uncensored Observations: 305
Center of Decimal Time: 2011.987
Center of ln(Q): 1.9732
Period of record: 2009-01-05 to 2014-12-30

Selected Load Model:

Na_mg_L ~ model(1)

Model coefficients:

	Estimate	Std. Error	z-score	p-value
(Intercept)	4.3816	0.008838	495.8	0
lnQ	0.9049	0.009019	100.3	0

AMLE Regression Statistics

Residual variance: 0.02374

R-squared: 97.08 percent

G-squared: 1078 on 1 degrees of freedom

P-value: <0.0001

Prob. Plot Corr. Coeff. (PPCC):

r = 0.9275

p-value = 0

Serial Correlation of Residuals: 0.2645

Comparison of Observed and Estimated Loads

Summary Stats: Loads in kg/d

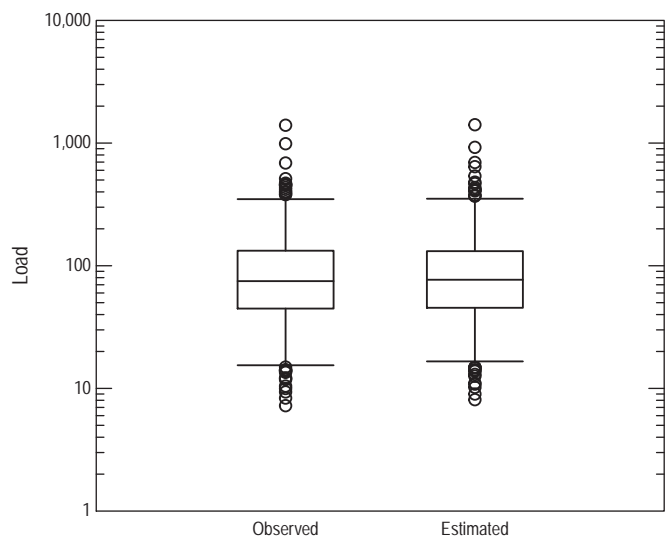
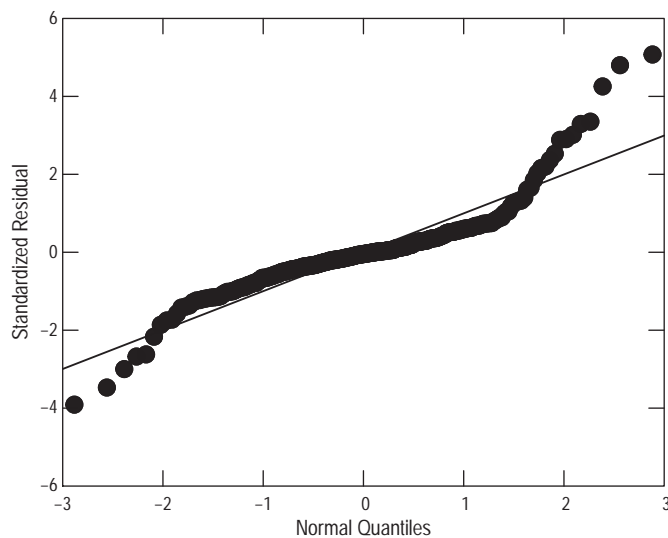
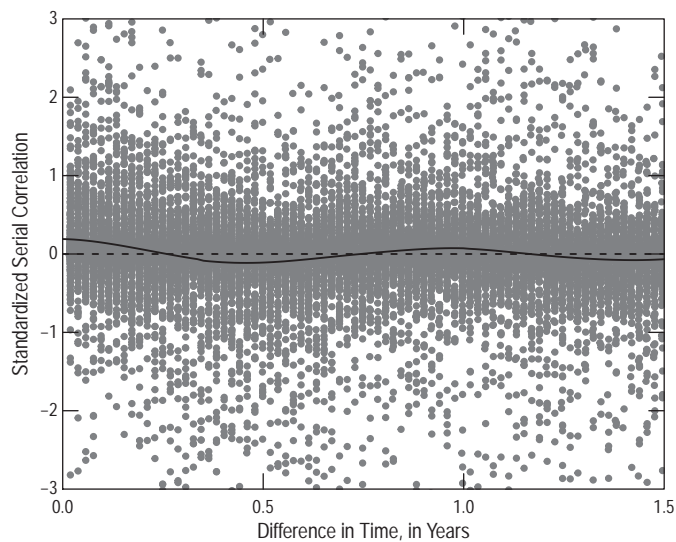
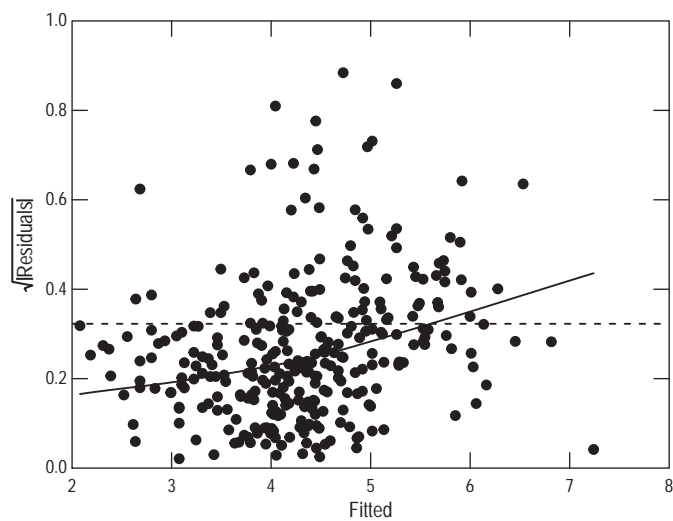
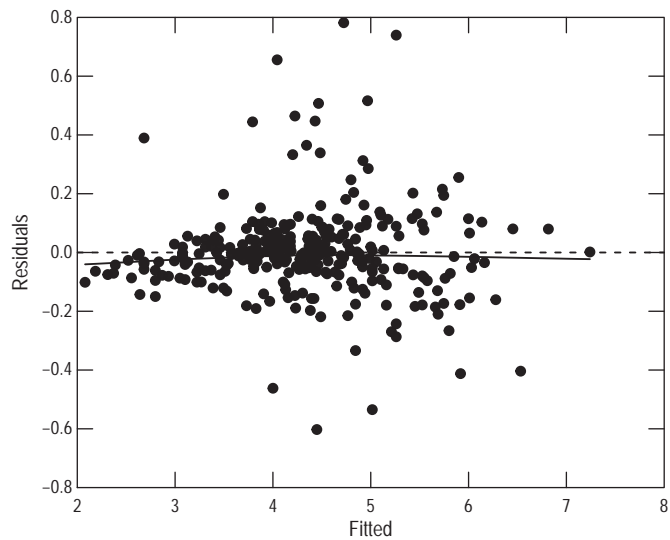
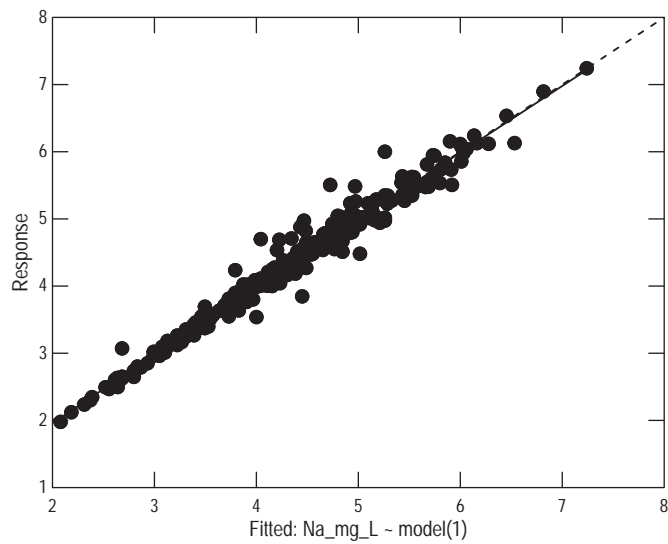
	Min	25%	50%	75%	90%	95%	Max
Est	8.09	45.4	76.9	131	254	352	1410
Obs	7.23	44.8	74.9	133	246	349	1400

Bias Diagnostics

Bp: 0.6962 percent

PLR: 1.007

E: 0.9518



Extended box plot (5-95); no censored observed values.