

Tributary Load Calculations

Onondaga County Department of Water Environment Protection

File: Load_Calculations.xls Version: 2.2 W. Walker

Select Site: DCFW01 Onondaga Cr @ Drain

Select Variable: FCO12 Mean Daily Flow

Select Output Sheet: FCO12 Mean Daily Load

Calibration Period: 09/01/00 02/29/02

Sample Dates: 09/01/00 02/29/02

Method: 5 - Regression + Interpolation

Comparison of Methods & Yearly Time Series: Regression R²: 0.92, Regression SE: 1.30

Diagnostic Charts: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Calculation Method: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Define Data Intervals: Calibration Period: 1/1/2000, Output Period: 1/1/2000, Query Range: 1/1/2000

Buttons: Run for Selected Site & Variable, Batch Run for All Sites & Variables, Copy Batch Output, Publish Current Charts Page, View Sheet, Help, Recreated in Database

Load Calculations for Everglades Monitoring Network

Project: STA-1E, STA-1W, STA-2, STA-5, STA-6, STA-24

Site: S11A, S11B, S11C, S12A_AUTO, S12C_AUTO, S333_AUTO, GLADDER, PROCTITY, TAMBR2, SAFARI, TAMBR1, TAMBR2, TAMBR3, TAMBR4, TAMBR5, TAMBR6, S333-334, S12A, S12B, S12C, S12D, S140, S150, S160, S333

Variable: L10

Select Output Sheet: Diagnostic Charts, Daily Flow & Conc, Monthly Flow & Conc, Monthly Flow & Load, Monthly Correlations, Cumulative Analysis, Daily Time Series, Monthly Time Series, Yearly Time Series, Yearly Totals, Daily Totals, Monthly Totals, Yearly Totals, Detailed Statistics by Site & Variable, Summary Report by Site & Year, Summary Report - Format 2, Results by Site, Variable, & Date, Results by Site, Variable & Year, Summary Report by Site & Year, Plot Means by Site, Plot Yearly Flows by Site, Plot Yearly Loads by Site, Plot Yearly Conc by Site, Plot Yearly Flows, Loads, & Conc by Site

Buttons: Run, Batch, Reconnect to Database, Publish TimeSeries, Go to Sheet, Recreate All Pivot Tables, Update

Tributary Load Calculations for Lake Champlain Basin

Select Site: LAMP

Select Variable: TP

Select Output Sheet: TP

Calibration Period: 01/01/91 01/01/92

Sample Dates: 01/01/91 01/01/92

Method: 5 - Regression + Interpolation

Comparison of Methods & Yearly Time Series: Regression R²: 0.86, Regression SE: 0.59

Diagnostic Charts: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Calculation Method: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Define Data Intervals: Calibration Period: 1/1/1991, Output Period: 1/1/1991, Query Range: 1/1/1991

Buttons: Run for Selected Site & Variable, Batch Run for All Sites & Variables, Copy Batch Output, Publish Current Charts Page, View Sheet, Help

Select Site: LAMP

Select Variable: TP

Select Output Sheet: TP

Calibration Period: 01/01/91 01/01/92

Sample Dates: 01/01/91 01/01/92

Method: 5 - Regression + Interpolation

Comparison of Methods & Yearly Time Series: Regression R²: 0.86, Regression SE: 0.59

Diagnostic Charts: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Calculation Method: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Define Data Intervals: Calibration Period: 1/1/1991, Output Period: 1/1/1991, Query Range: 1/1/1991

Buttons: Run for Selected Site & Variable, Batch Run for All Sites & Variables, Copy Batch Output, Publish Current Charts Page, View Sheet, Help

Load Calculation Dashboard

Project: Sauk River Chain of Lakes

WWW Version: 02/01/2009

Select Site: SR_SCH3

Variable: Q_CPS

Output Sheet: Q_CPS

Site: SCHNEIDER Inflow to Schneider Lake

Variable: TP

Calibration Period: 10/01/01 09/30/06

Sample Dates: 05/02/05 09/28/06

Method: 5 - Regression + Interpolation

Comparison of Methods & Yearly Time Series: Regression R²: 0.42, Regression SE: 0.34

Diagnostic Charts: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Calculation Method: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Define Data Intervals: Calibration Period: 10/1/2001, Output Period: 10/1/2001, Query Range: 5/2/2005

Buttons: Run for Selected Site & Variable, Batch Run for All Sites & Variables, Copy Batch Output, Publish Current Charts Page, View Sheet, Help

Tributary Load Calculations - Little Rock Lake, Minnesota

Select Site: LRLC_H2

Variable: TP

Select Output Sheet: TP

Site: LRLC_H2 LRLC at CH2 Inflow to LRL

Variable: TP

Calibration Period: 01/01/00 12/31/09

Sample Dates: 05/09/00 10/23/09

Method: 5 - Regression + Interpolation

Comparison of Methods & Yearly Time Series: Regression R²: 0.89, Regression SE: 0.34

Diagnostic Charts: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Calculation Method: Flow-Wtd Conc - All Flows, Flow-Wtd Conc - 2 Flow Strata, Interpolation, Regression

Define Data Intervals: Calibration Period: 1/1/2000, Output Period: 1/1/2000, Query Range: 5/9/2000

Buttons: Run for Selected Site & Variable, Batch Run for All Sites & Variables, Copy Batch Output, Publish Current Charts Page, View Sheet, Help